

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112378.D
 Acq On : 4 Feb 2019 14:17
 Operator : JU/SJ
 Sample : PB116785BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:42:45 AM

Quant Time: Feb 04 16:03:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	161808	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	630313	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	323674	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	637471	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	541767	20.00	ng	0.00
87) Perylene-d12	15.47	264	494548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1162062	152.54	ng	0.00
7) Phenol-d6	6.49	99	1465748	138.47	ng	0.00
23) Nitrobenzene-d5	7.40	82	843995	77.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	498846	132.41	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1752230	76.57	ng	-0.01
79) Terphenyl-d14	12.94	244	2053257	71.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	147627	48.647	ng	95
3) Pyridine	3.45	79	381425	49.411	ng	97
4) n-Nitrosodimethylamine	3.39	42	176679	54.477	ng	# 90
6) Aniline	6.50	93	363554	28.872	ng	# 35
8) 2-Chlorophenol	6.63	128	414293	40.427	ng	98
9) Benzaldehyde	6.38	77	80024	14.464	ng	98
10) Phenol	6.50	94	474375	40.847	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	361479	39.536	ng	98
12) 1,3-Dichlorobenzene	6.77	146	458299	38.400	ng	100
13) 1,4-Dichlorobenzene	6.85	146	474225	38.609	ng	100
14) 1,2-Dichlorobenzene	7.00	146	441947	38.430	ng	96
15) Benzyl Alcohol	6.98	79	338235	37.905	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	450112	38.342	ng	# 38
17) 2-Methylphenol	7.10	107	325107	40.019	ng	# 92
18) Hexachloroethane	7.35	117	163489	37.904	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	272802	37.375	ng	99
20) 3+4-Methylphenols	7.25	107	423029	40.721	ng	# 76
22) Acetophenone	7.24	105	559102	36.428	ng	96
24) Nitrobenzene	7.42	77	415996	38.077	ng	96
25) Isophorone	7.66	82	738256	43.019	ng	98
26) 2-Nitrophenol	7.73	139	227118	38.900	ng	93
27) 2,4-Dimethylphenol	7.77	122	358511	44.568	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	463123	39.633	ng	99
29) 2,4-Dichlorophenol	7.98	162	360480	40.045	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	397686	38.433	ng	99
31) Naphthalene	8.14	128	1221150	41.428	ng	99
32) Benzoic acid	7.92	122	188941	41.177	ng	98
33) 4-Chloroaniline	8.19	127	295201	23.000	ng	97
34) Hexachlorobutadiene	8.25	225	220132	36.253	ng	99
35) Caprolactam	8.56	113	107062m	33.714	ng	
36) 4-Chloro-3-methylphenol	8.69	107	368334	38.652	ng	98
37) 2-Methylnaphthalene	8.83	142	861657	42.701	ng	98
38) 1-Methylnaphthalene	8.93	142	806558	41.702	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	392768	36.958	ng	99

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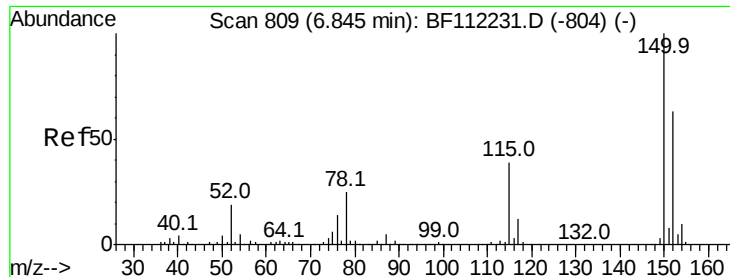
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	242780	62.621	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	242413	37.005	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	257366	37.591	nq	98
46) 1,1'-Biphenyl	9.29	154	1044848	36.925	nq	98
47) 2-Chloronaphthalene	9.32	162	805235	36.696	nq	98
48) 2-Nitroaniline	9.42	65	224303	37.504	nq	89
49) Acenaphthylene	9.73	152	1282743	39.883	nq	99
50) Dimethylphthalate	9.59	163	935933	37.217	nq	99
51) 2,6-Dinitrotoluene	9.66	165	215527	38.267	nq #	85
52) Acenaphthene	9.90	154	744857	38.769	nq	99
53) 3-Nitroaniline	9.83	138	151172	24.775	nq	88
54) 2,4-Dinitrophenol	9.95	184	152002	84.095	nq	95
55) Dibenzofuran	10.08	168	1112443	37.889	nq	97
56) 4-Nitrophenol	10.02	139	242442	75.154	nq	97
57) 2,4-Dinitrotoluene	10.07	165	280904	39.177	nq #	86
58) Fluorene	10.42	166	897608	40.854	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207395	40.085	nq	96
60) Diethylphthalate	10.29	149	936096	37.509	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	429942	35.974	nq	96
62) 4-Nitroaniline	10.45	138	224332	37.483	nq	95
63) Azobenzene	10.57	77	818417	37.288	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	121873	34.099	nq	97
66) n-Nitrosodiphenylamine	10.53	169	794371	36.974	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	270401	36.065	nq	97
68) Hexachlorobenzene	10.97	284	296500	36.860	nq	96
69) Atrazine	11.06	200	261921	37.782	nq	96
70) Pentachlorophenol	11.17	266	218606	69.843	nq	98
71) Phenanthrene	11.39	178	1313334	39.628	nq	98
72) Anthracene	11.44	178	1373667	41.610	nq	99
73) Carbazole	11.59	167	1230385	37.783	nq	99
74) Di-n-butylphthalate	11.91	149	1460953	36.144	nq	99
75) Fluoranthene	12.57	202	1409137	39.643	nq	98
77) Benzdine	12.69	184	533614	35.786	nq	95
78) Pyrene	12.80	202	1437512	38.325	nq	99
80) Butylbenzylphthalate	13.41	149	641876	35.370	nq	96
81) Benzo(a)anthracene	13.99	228	1271231	39.916	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	307554	25.804	nq	98
83) Chrysene	14.03	228	1195420	39.322	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	888721	34.500	nq	98
85) Di-n-octyl phthalate	14.57	149	1441340	36.367	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1050349	43.603	nq	97
88) Benzo(b)fluoranthene	15.04	252	1199287	40.549	nq	99
89) Benzo(k)fluoranthene	15.07	252	1117522	39.447	nq	98
90) Benzo(a)pyrene	15.41	252	1102887	41.442	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	876463	40.864	nq	99
92) Benzo(g,h,i)perylene	17.39	276	838236	41.424	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

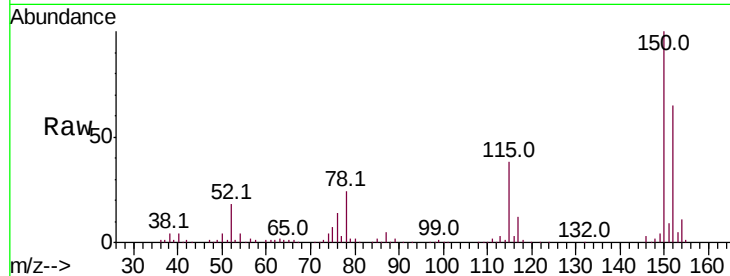
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	127.4	191.0
115	58.5	45.5	68.3

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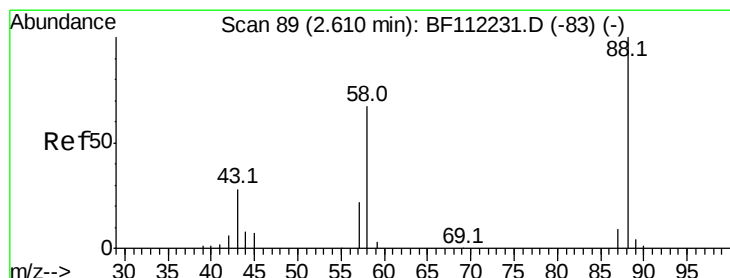
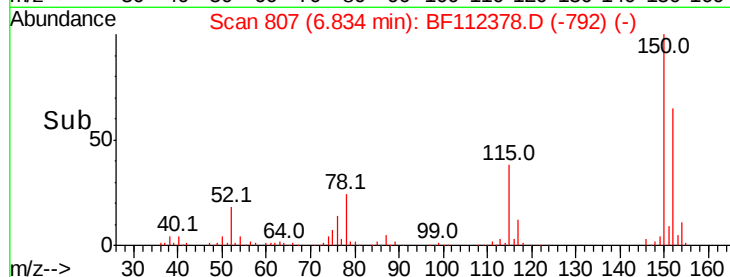
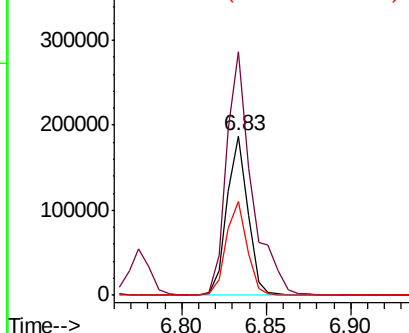


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

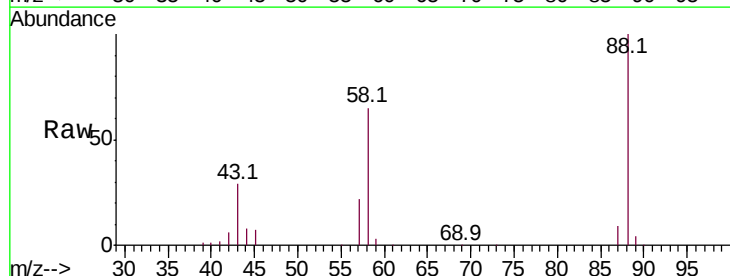
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.647 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	57.4	86.2
43	29.3	22.2	33.4

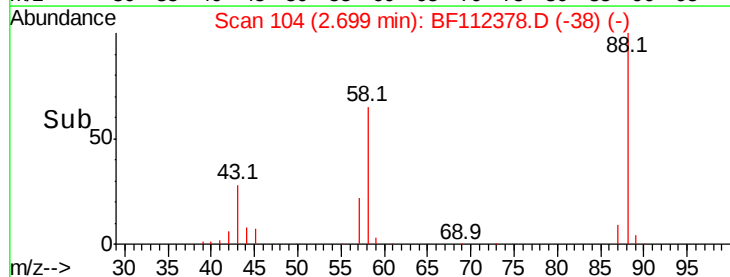
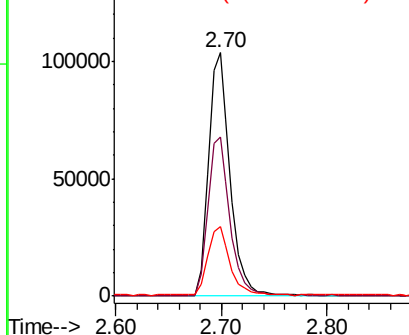


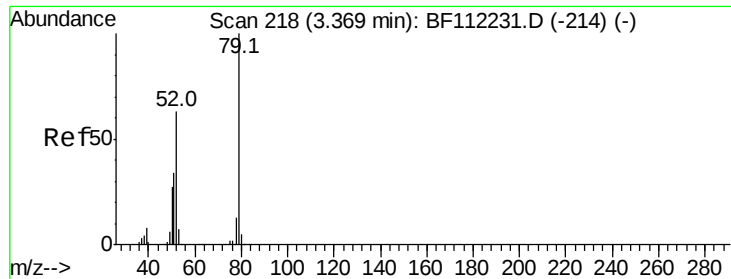
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 49.411 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

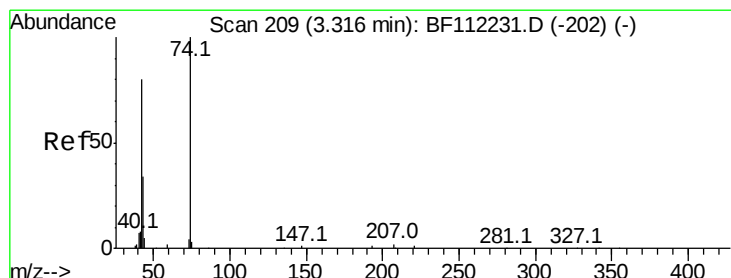
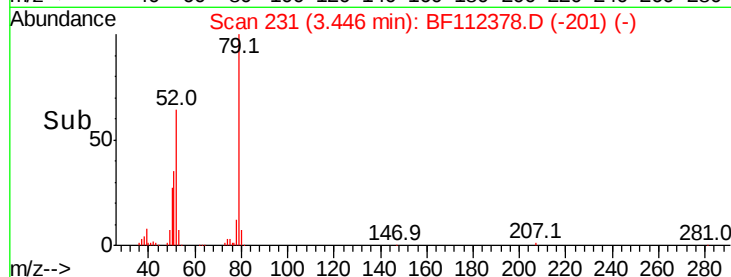
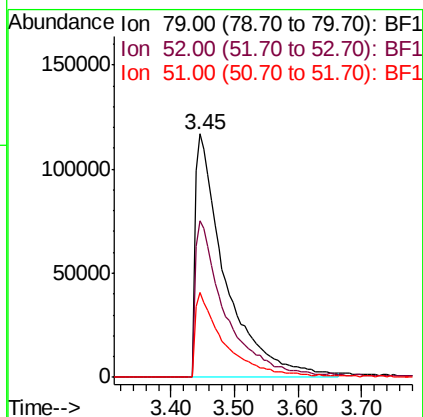
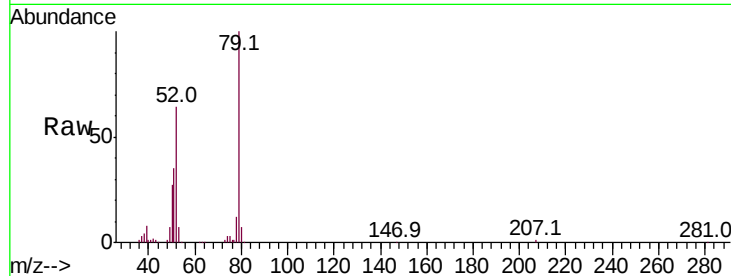
ClientSampleId :

PB116785BS

Tot Ion:	79	Resp:	381425
Ion Ratio	Lower	Upper	
79	100		
52	64.2	52.4	78.6
51	35.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 54.477 ng

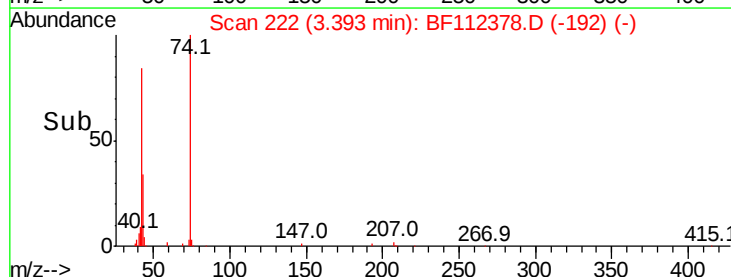
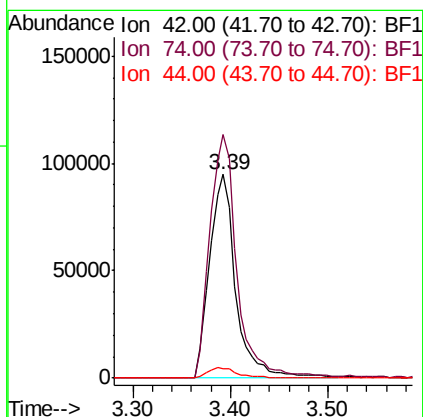
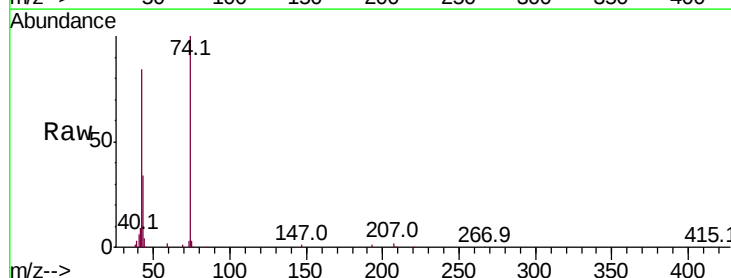
RT: 3.39 min Scan# 222

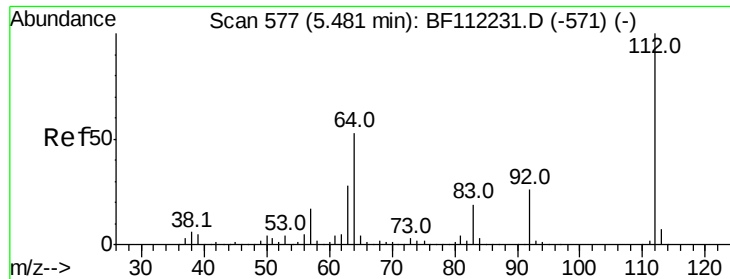
Delta R.T. 0.08 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Tgt Ion:	42	Resp:	176679
Ion Ratio	Lower	Upper	
42	100		
74	119.5	105.6	158.4
44	4.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 152.545 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

Tot Ion:112 Resp: 1162062

Ion Ratio Lower Upper

112 100

64 54.8 45.7 68.5

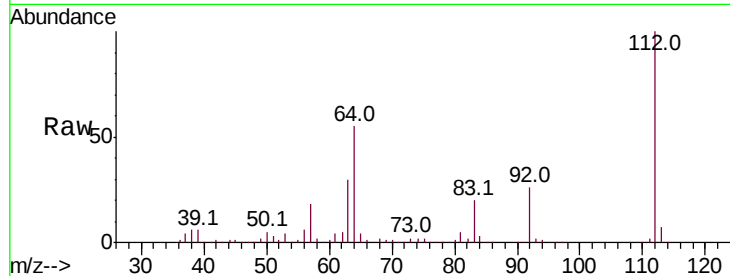
63 30.2 23.6 35.4

Manual Integrations

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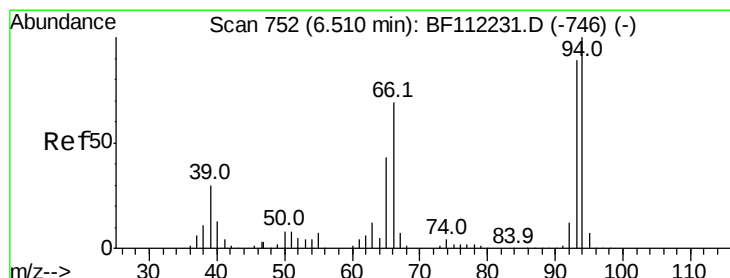
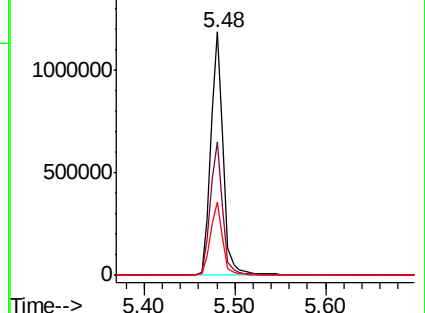
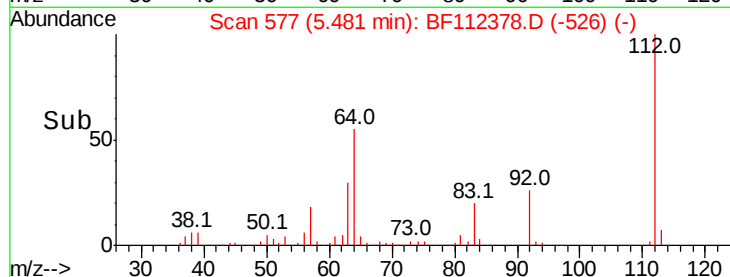
2/5/2019 8:42:45 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.872 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

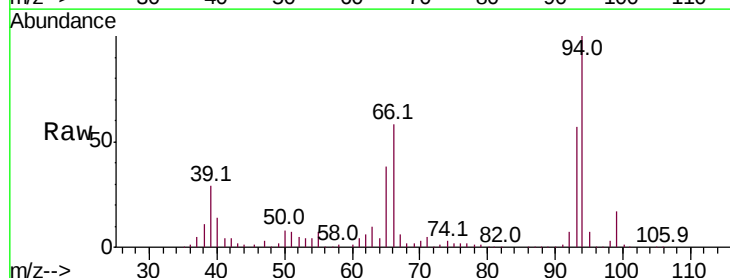
Tgt Ion: 93 Resp: 363554

Ion Ratio Lower Upper

93 100

66 102.2 43.4 65.2#

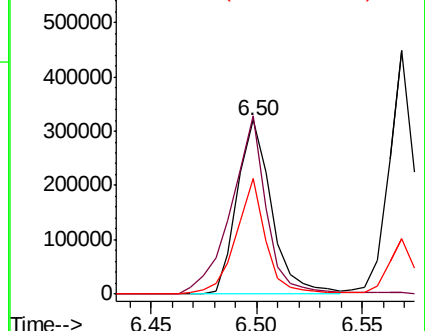
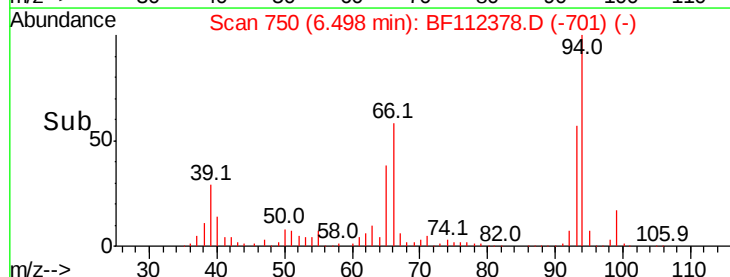
65 66.2 25.3 37.9#

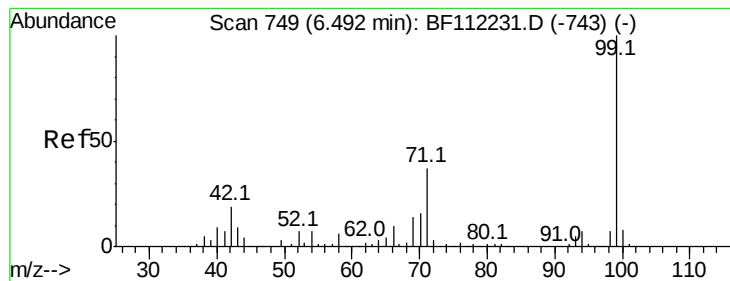


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.469 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

Tot Ion: 99 Resp: 1465748

Ion Ratio Lower Upper

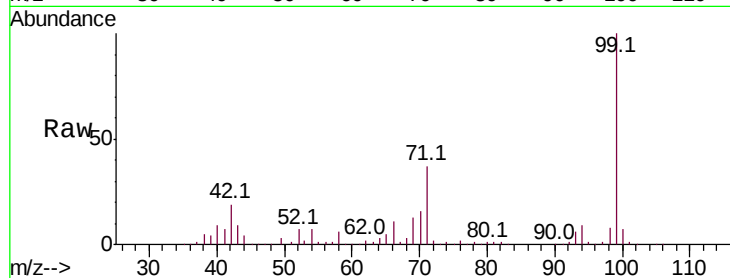
99 100

42 19.1 15.1 22.7

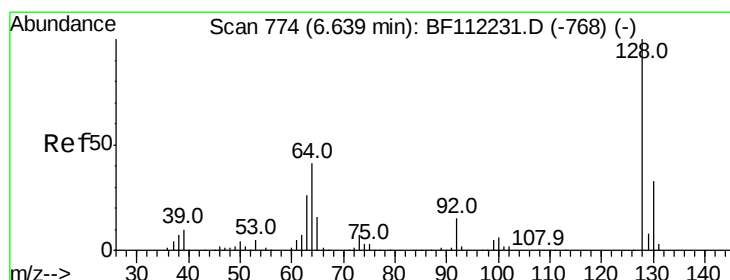
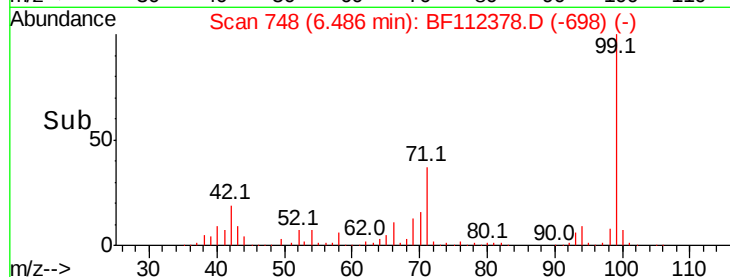
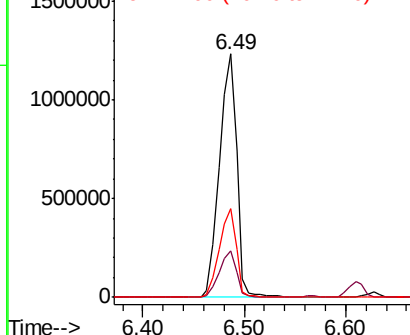
71 36.6 26.9 40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.427 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

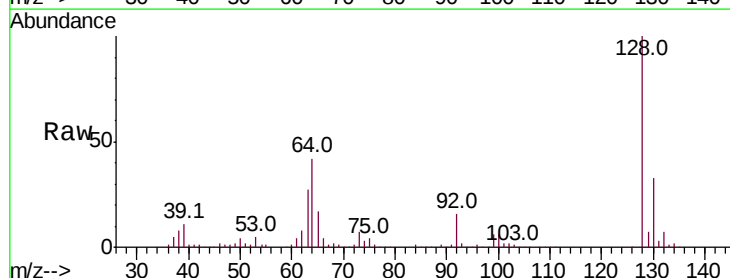
Tgt Ion:128 Resp: 414293

Ion Ratio Lower Upper

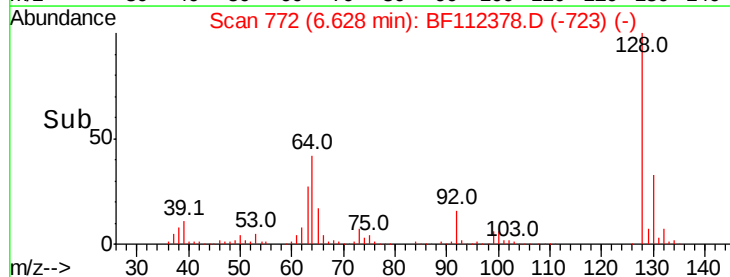
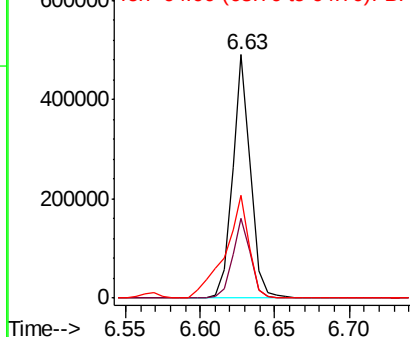
128 100

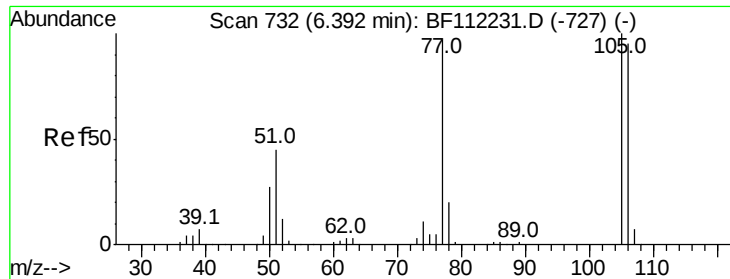
130 32.7 13.4 53.4

64 42.2 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.464 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

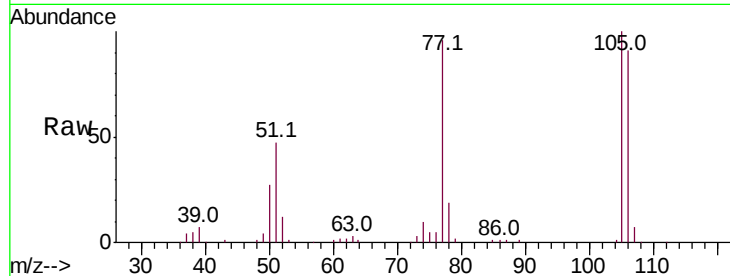
ClientSampleID :

PB116785BS

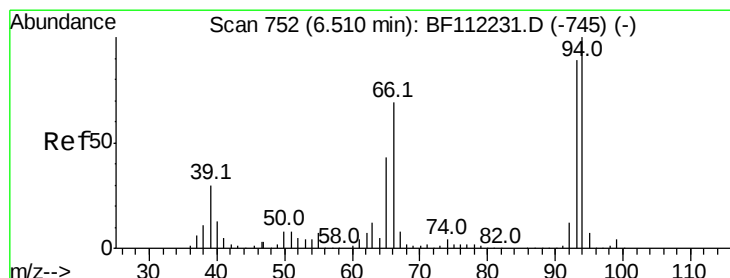
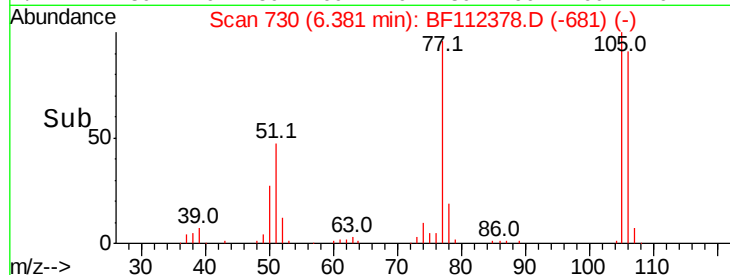
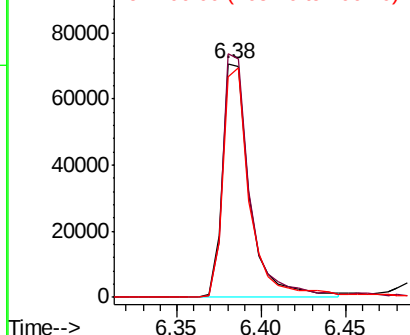
Tot Ion:	77	Resp:	80024
Ion	Ratio	Lower	Upper
77	100		
105	104.2	80.8	120.8
106	94.3	75.7	115.7

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.847 ng

RT: 6.50 min Scan# 750

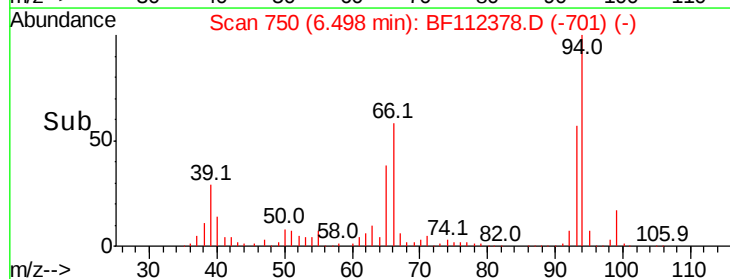
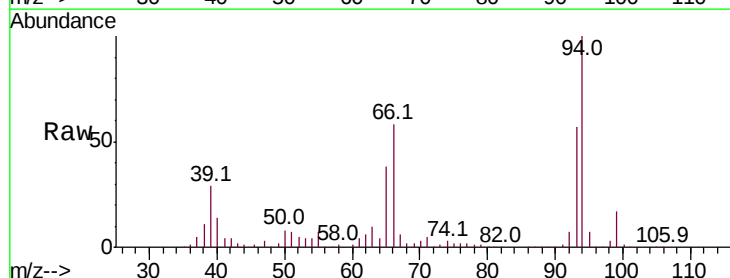
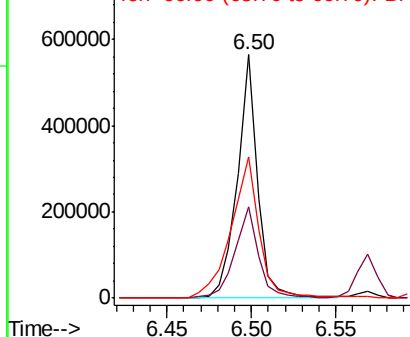
Delta R.T. -0.01 min

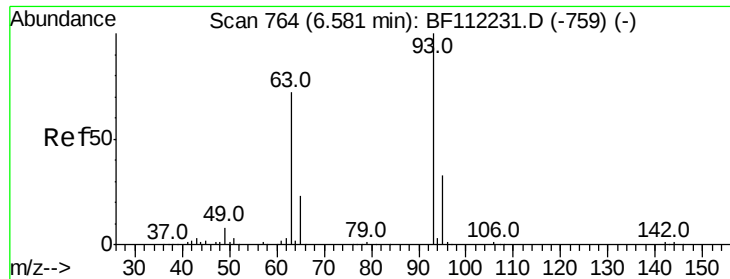
Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Tgt Ion:	94	Resp:	474375
Ion	Ratio	Lower	Upper
94	100		
65	37.6	20.3	60.3
66	58.1	42.4	82.4

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





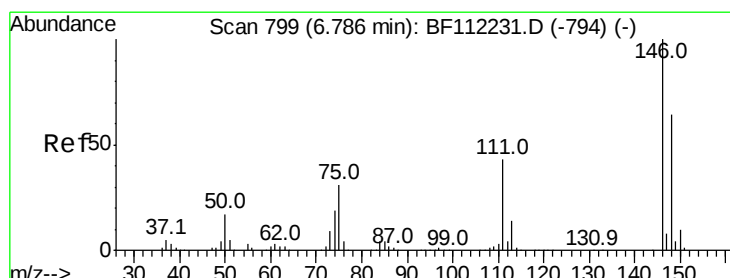
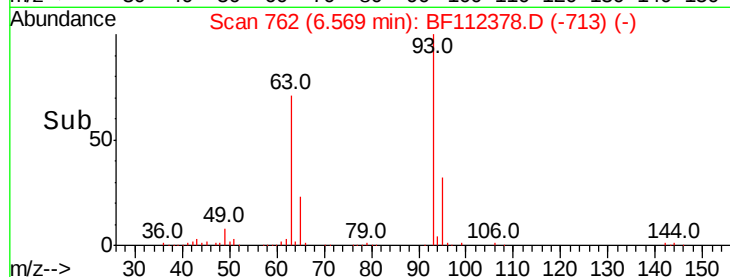
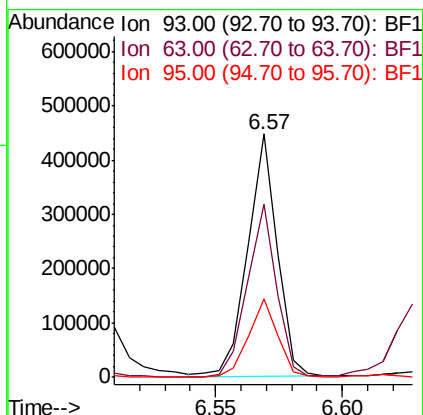
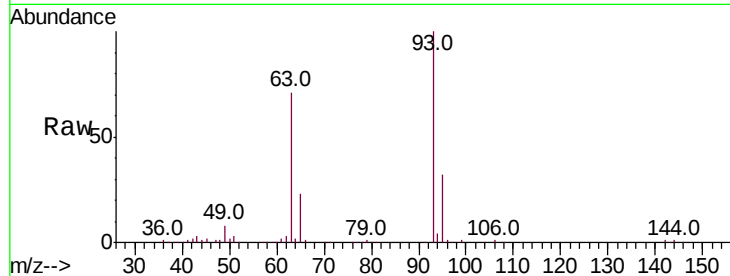
#11
bis(2-Chloroethyl)ether
Concen: 39.536 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:	93	Resp:	361479
Ion	Ratio	Lower	Upper
93	100		
63	70.9	53.3	93.3
95	32.4	13.4	53.4

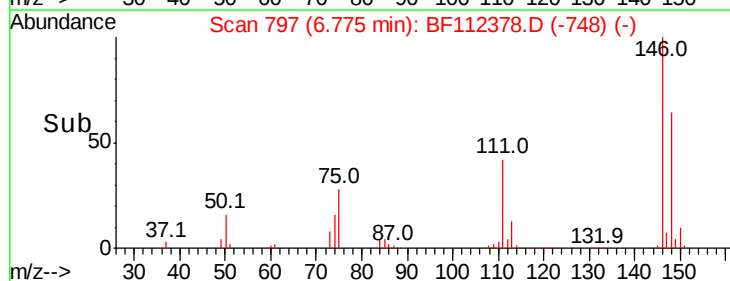
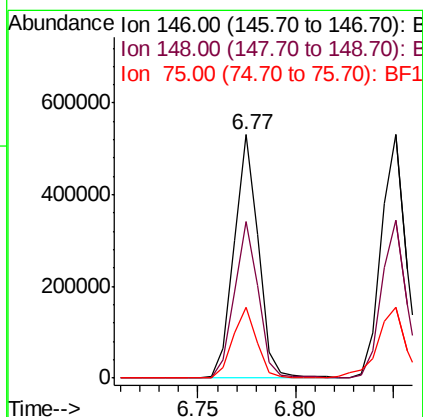
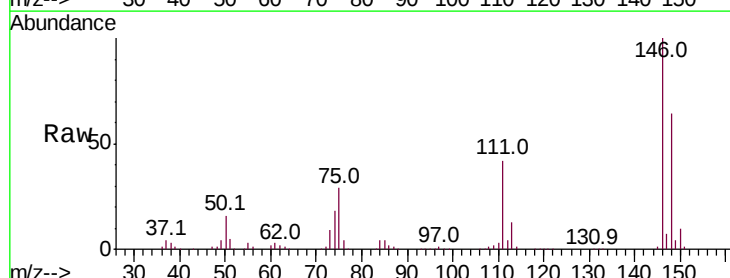
Manual Integrations
APPROVED

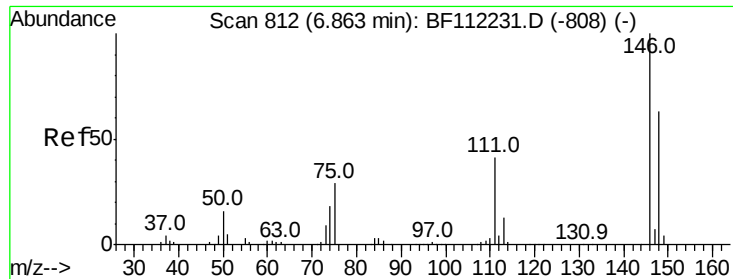
mohammad
2/5/2019 8:42:45 AM



#12
1,3-Dichlorobenzene
Concen: 38.400 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:	146	Resp:	458299
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	28.9	23.1	34.7





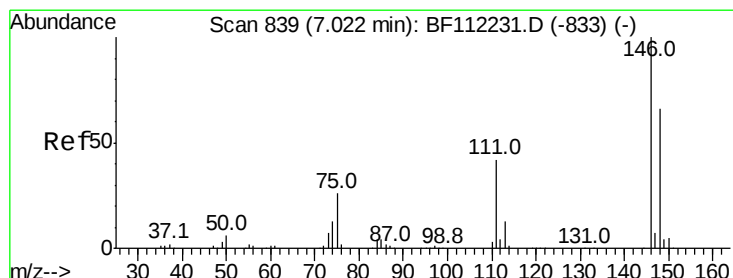
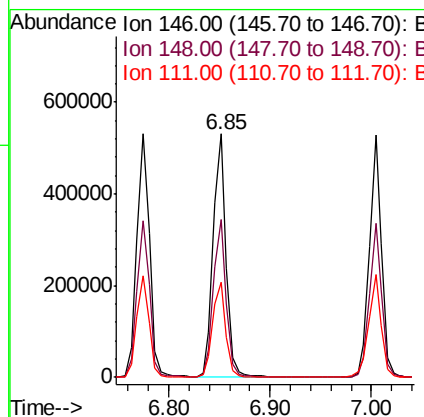
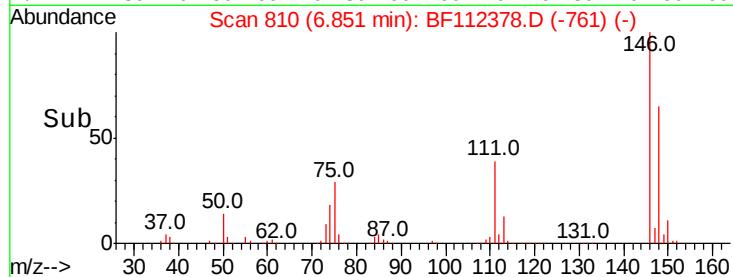
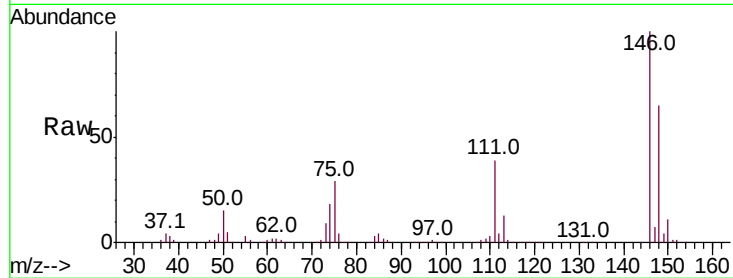
#13
1,4-Dichlorobenzene
Concen: 38.609 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	39.3	31.2	46.8

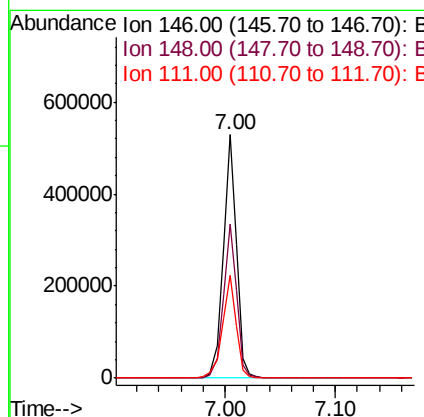
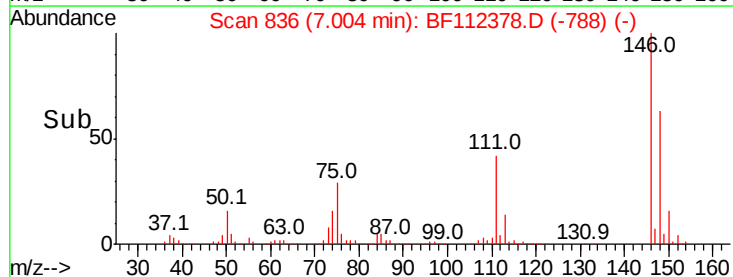
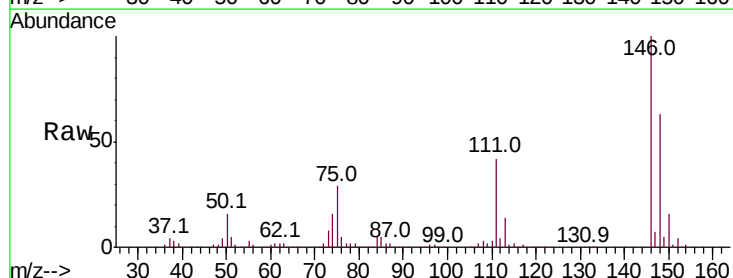
Manual Integrations
APPROVED

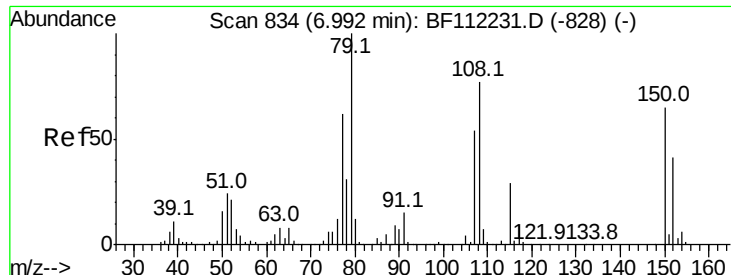
mohammad
2/5/2019 8:42:45 AM



#14
1,2-Dichlorobenzene
Concen: 38.430 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.4
111	42.3	31.2	46.8





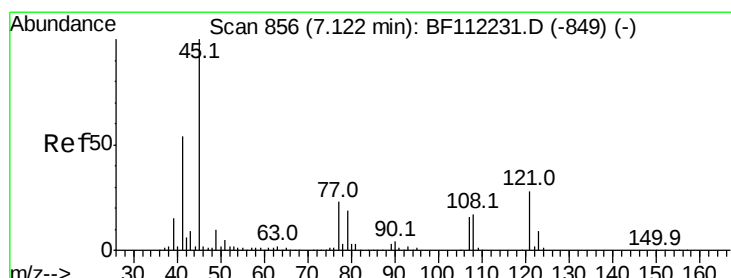
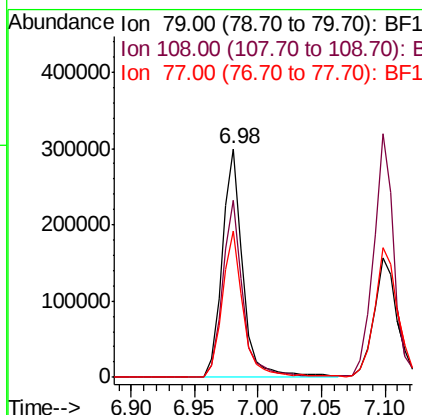
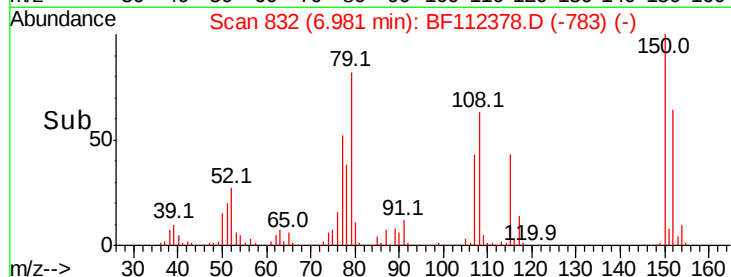
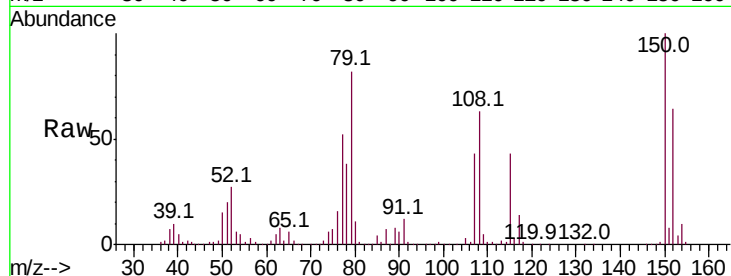
#15
Benzyl Alcohol
Concen: 37.905 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	64.2	96.2
77	63.9	50.3	75.5

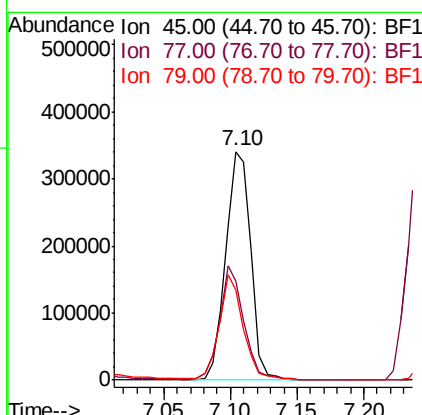
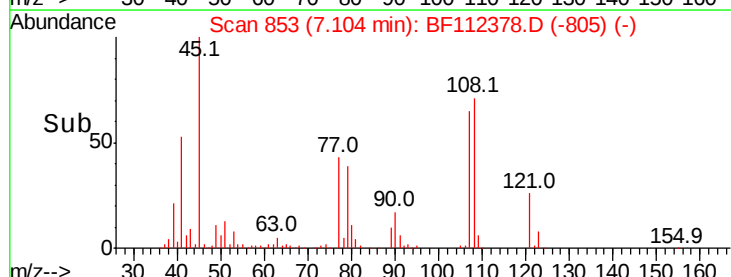
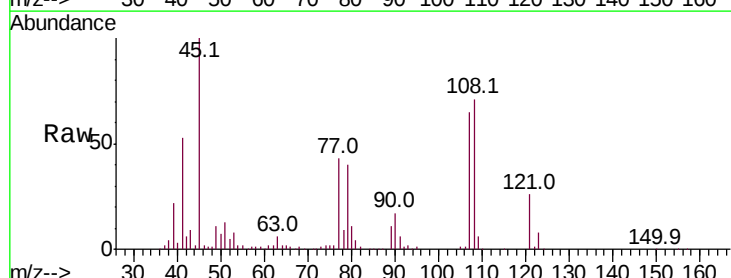
Manual Integrations
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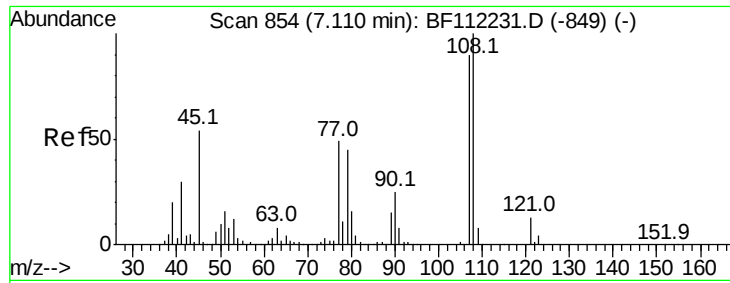
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.342 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	43.5	0.0	36.9#
79	39.5	0.0	34.0#





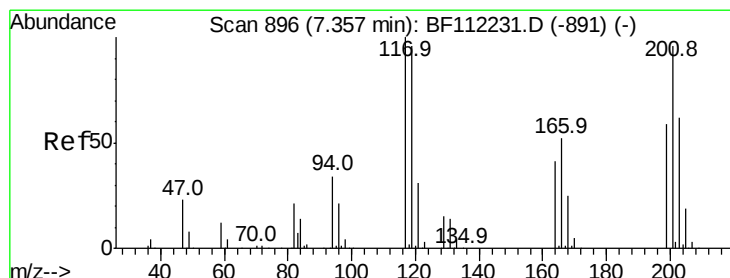
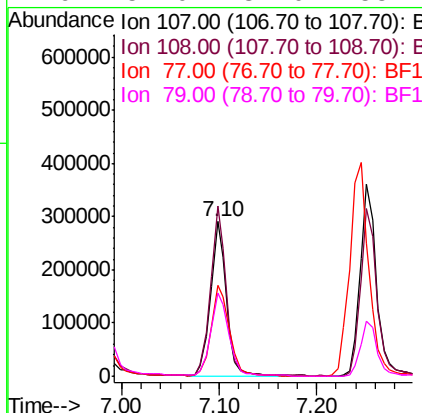
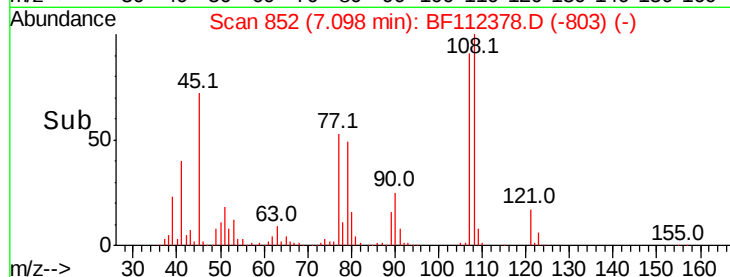
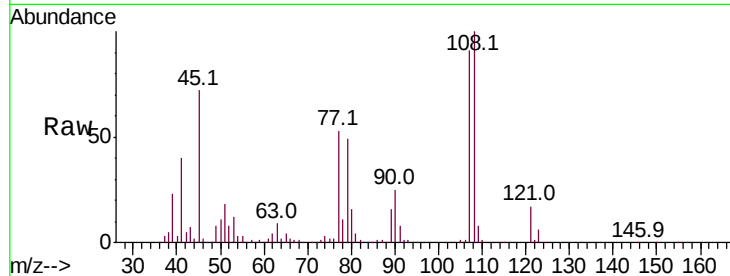
#17
2-Methylphenol
Concen: 40.019 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:	107	Resp:	325107
Ion Ratio	Lower	Upper	
107	100		
108	109.9	91.3	136.9
77	58.7	39.0	58.6#
79	54.0	37.0	55.4

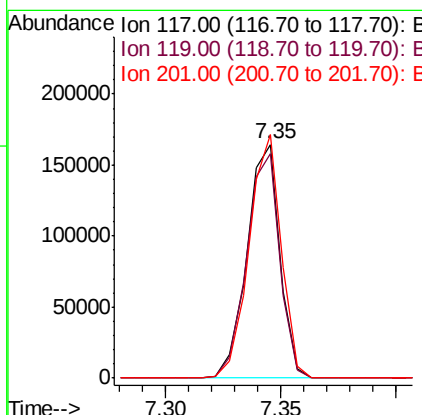
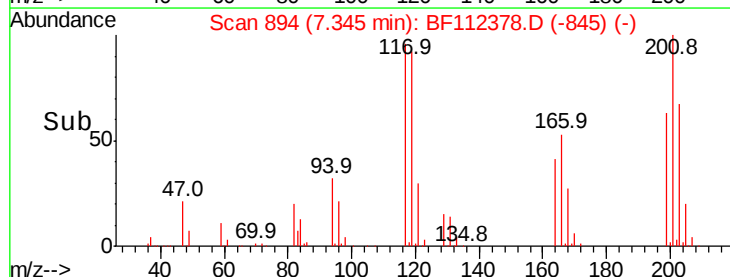
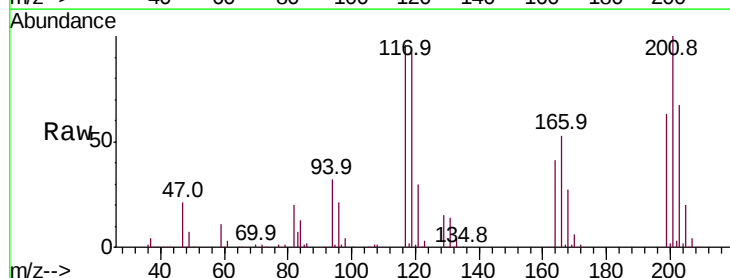
Manual Integrations
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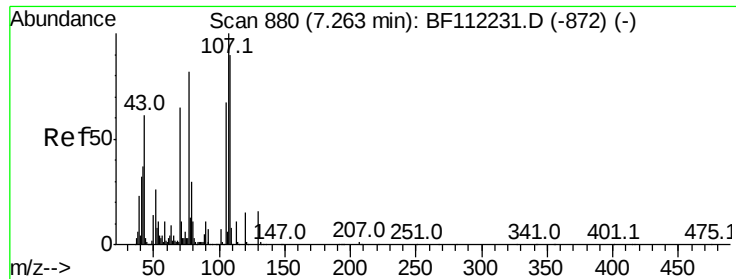
mohammad
2/5/2019 8:42:45 AM



#18
Hexachloroethane
Concen: 37.904 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:	117	Resp:	163489
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.0	115.4
201	104.3	74.1	111.1





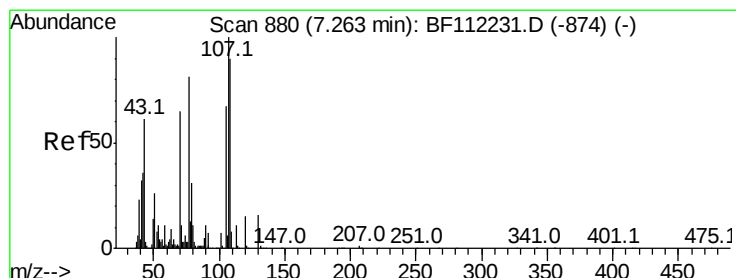
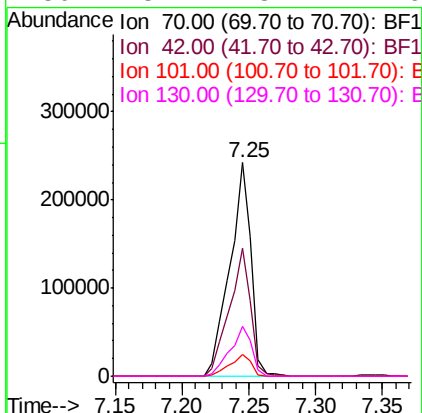
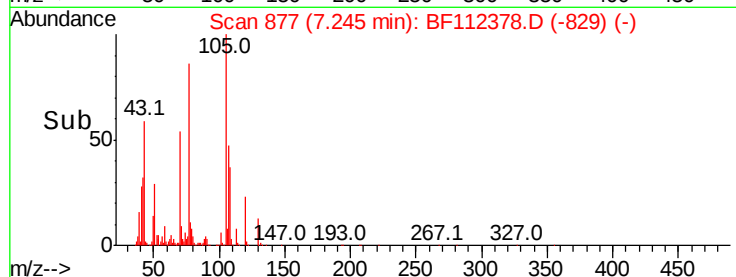
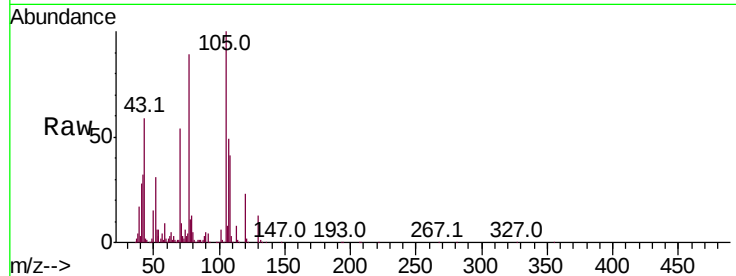
#19
n-Nitroso-di-n-propylamine
Concen: 37.375 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.6	71.4
101	10.3	7.9	11.9
130	23.4	18.4	27.6

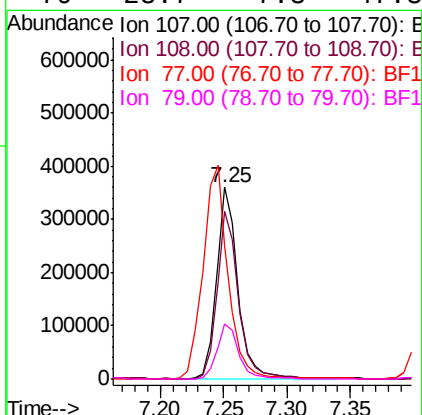
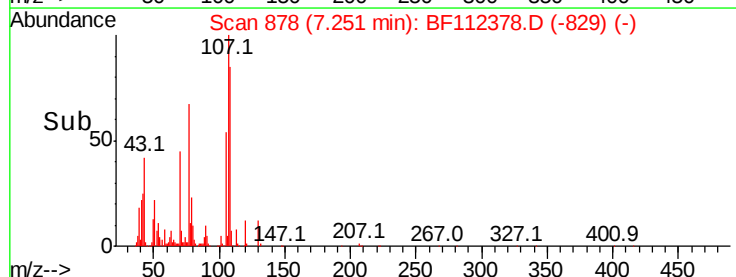
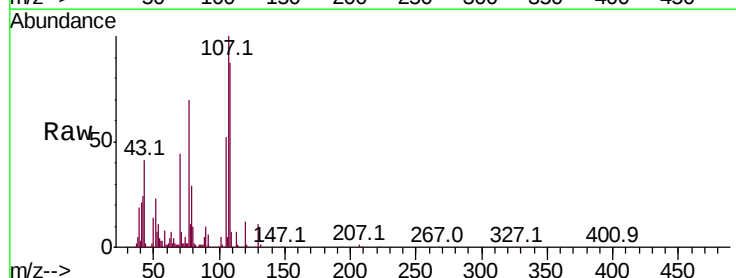
Manual Integrations
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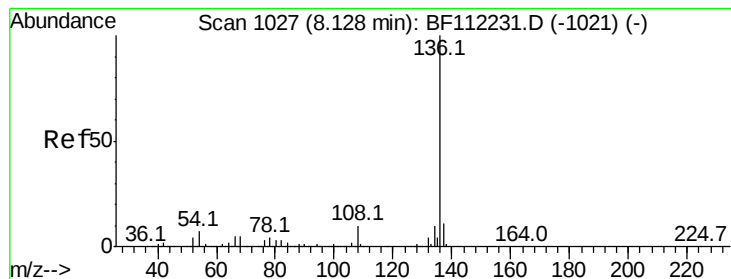
mohammad
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#20
3+4-Methylphenols
Concen: 40.721 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	69.7	100.7	140.7#
79	28.7	7.3	47.3





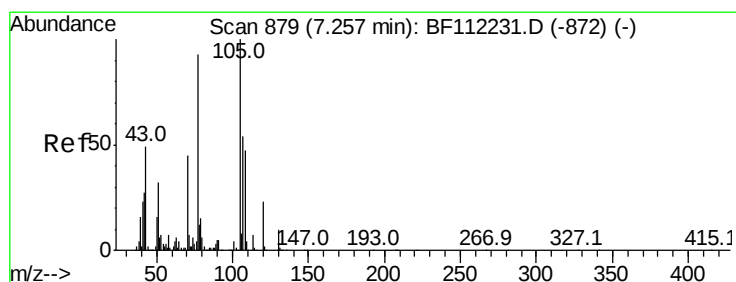
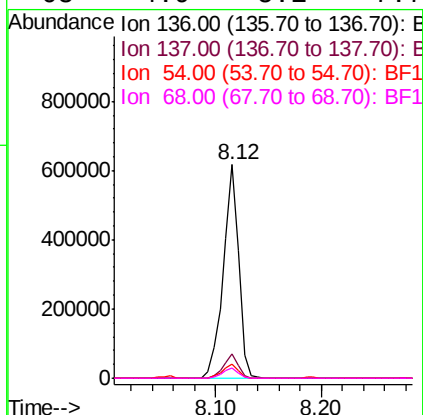
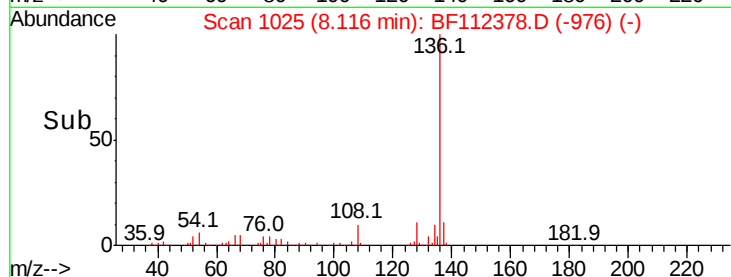
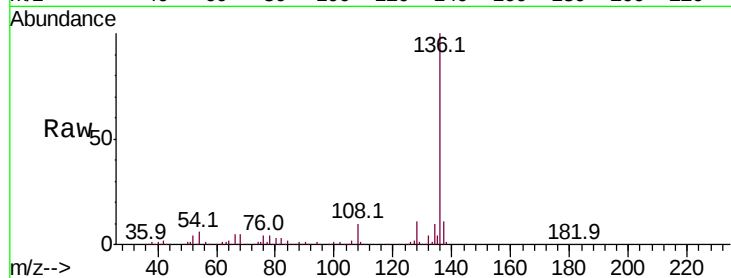
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	630313		
137	11.3	9.1	13.7	
54	6.5	5.9	8.9	
68	4.9	5.1	7.7	

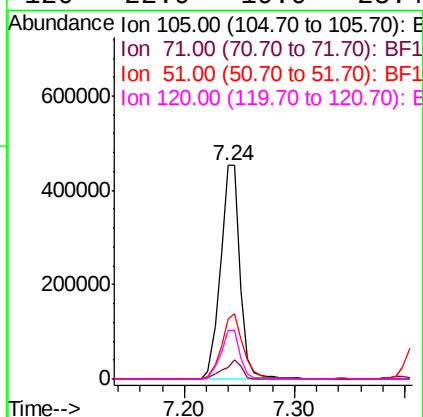
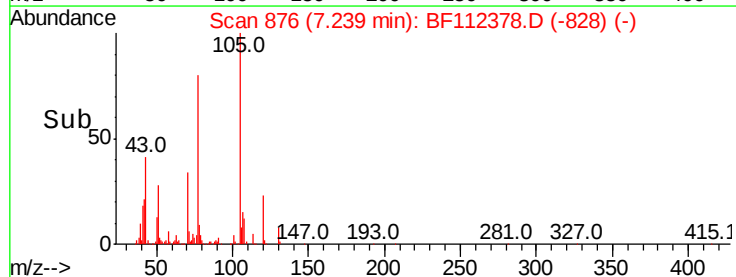
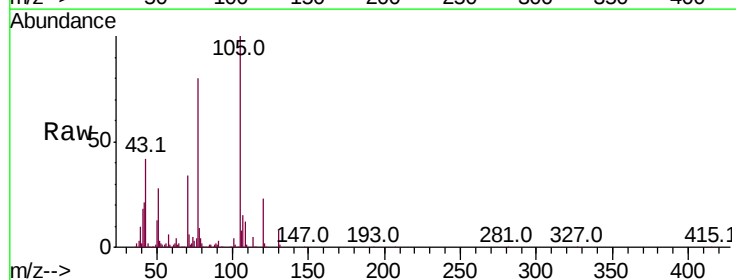
Manual Integrations
APPROVED

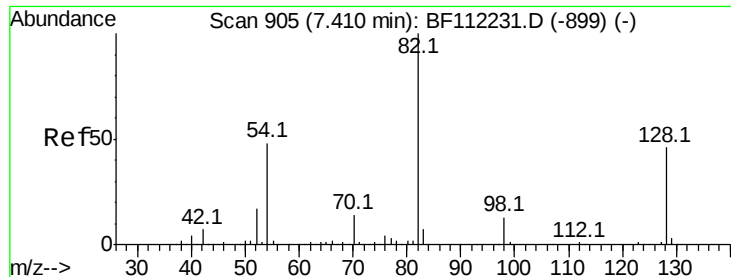
mohammad
2/5/2019 8:42:45 AM



#22
Acetophenone
Concen: 36.428 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	559102		
71	5.7	4.6	6.8	
51	28.1	25.0	37.6	
120	22.9	19.0	28.4	





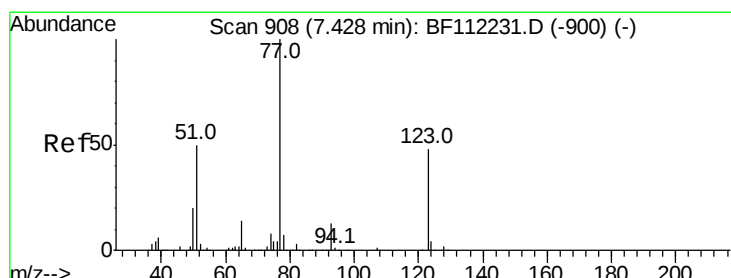
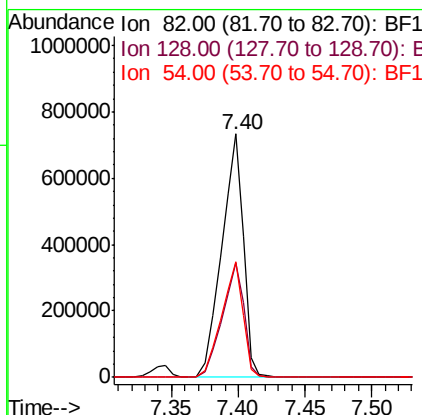
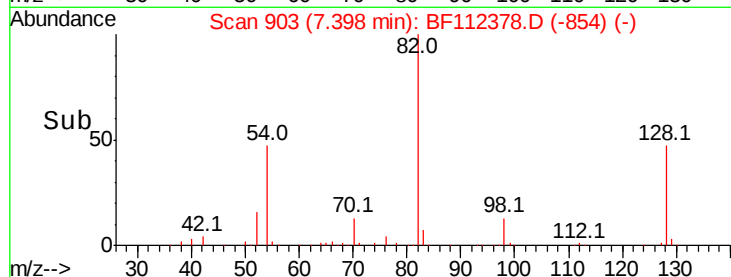
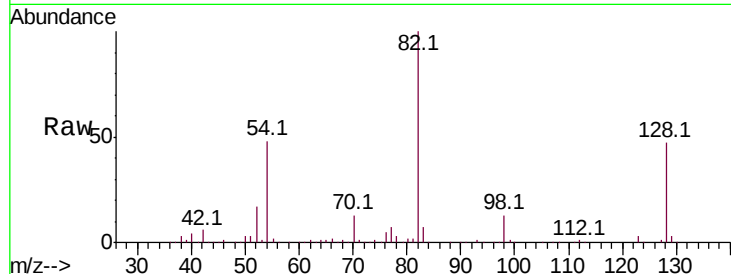
#23
 Nitrobenzene-d5
 Concen: 77.153 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleID :
 PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	37.8	56.8	
54	47.5	39.7	59.5	

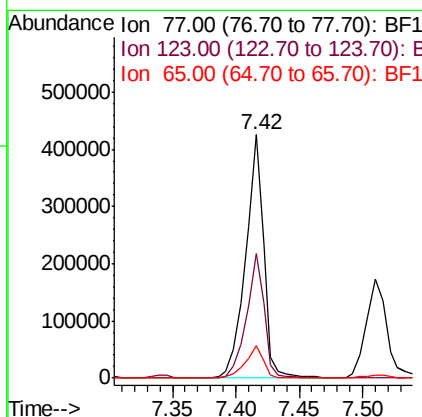
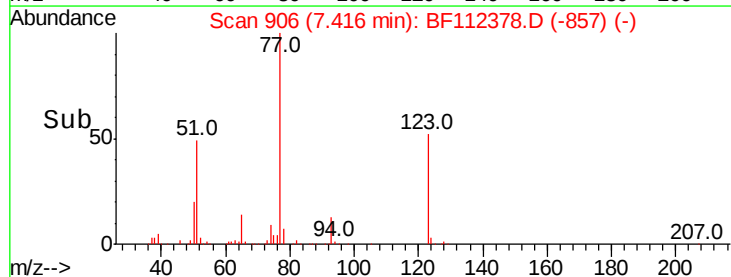
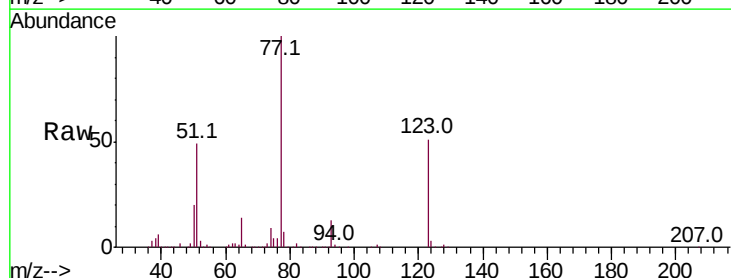
Manual Integrations
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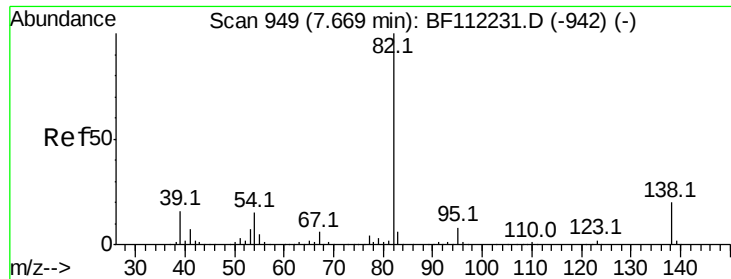
mohammad
 2/5/2019 8:42:45 AM



#24
 Nitrobenzene
 Concen: 38.077 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.9	38.4	57.6	
65	13.6	10.6	15.8	





#25

Isophorone

Concen: 43.019 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

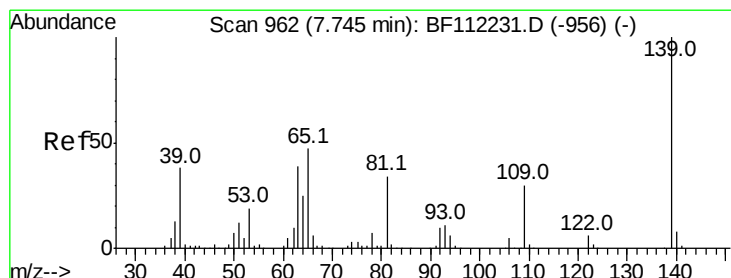
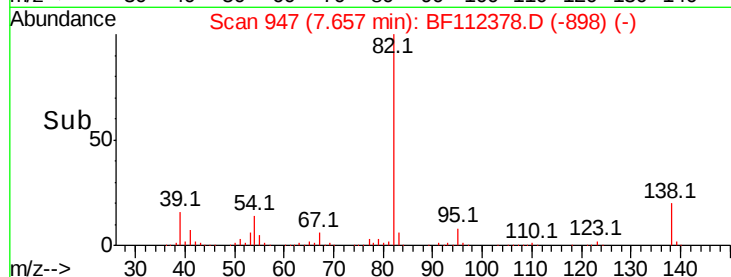
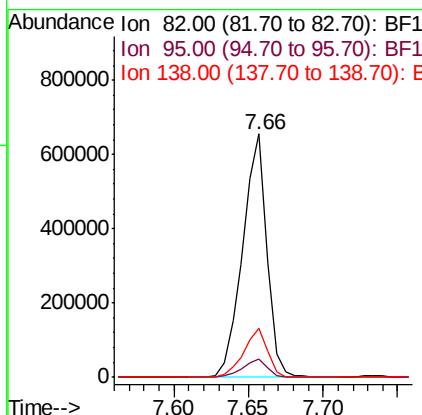
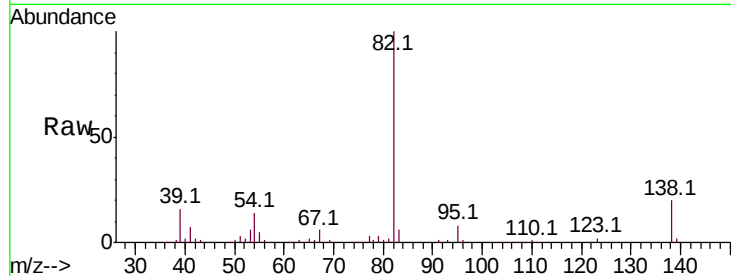
ClientSampleId :

PB116785BS

Tot Ion:	82	Resp:	738256
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	20.3	15.4	23.0

Manual Integrations
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2/5/2019 8:42:45 AM



#26

2-Nitrophenol

Concen: 38.900 ng

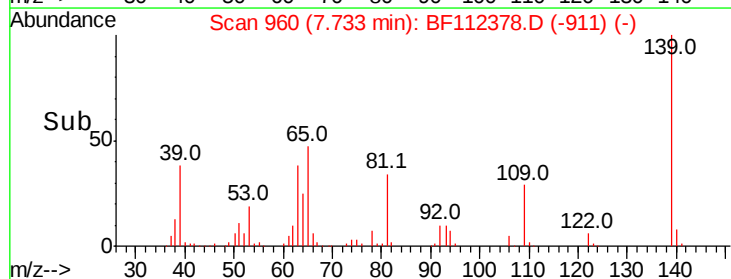
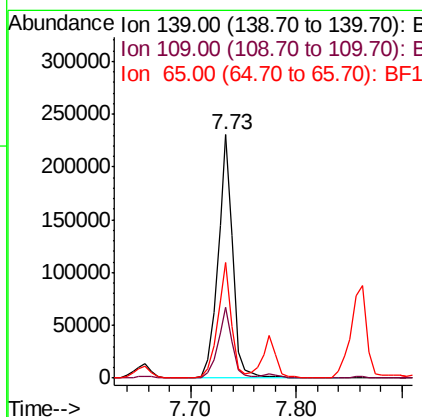
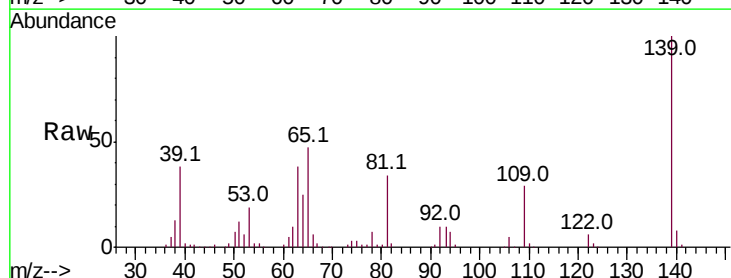
RT: 7.73 min Scan# 960

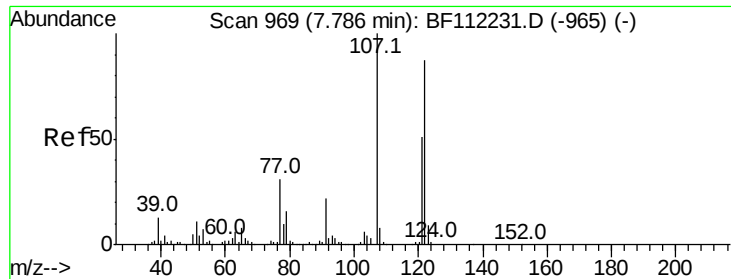
Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Tgt Ion:	139	Resp:	227118
Ion Ratio	Lower	Upper	
139	100		
109	29.3	20.8	31.2
65	47.4	34.4	51.6





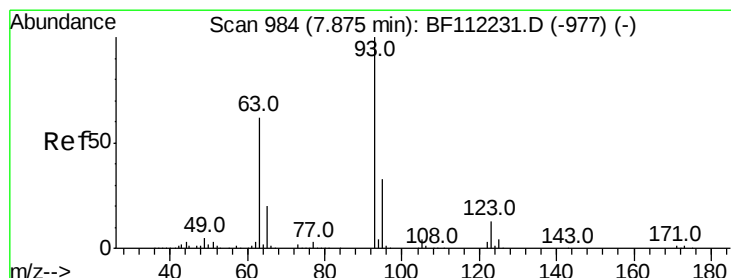
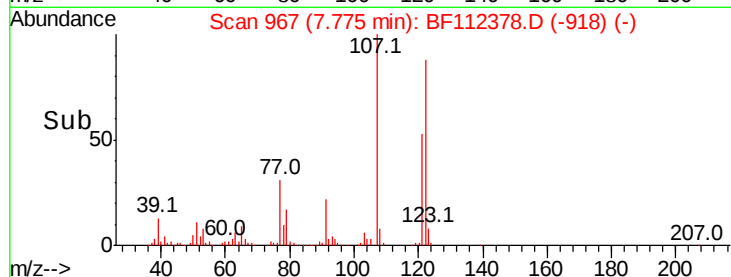
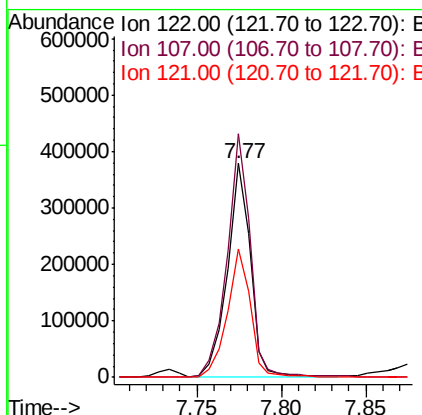
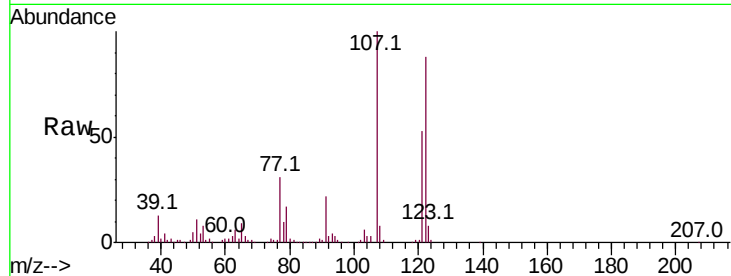
#27
2,4-Dimethylphenol
Concen: 44.568 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	358511		
107	113.9	85.4	128.0	
121	60.1	47.0	70.4	

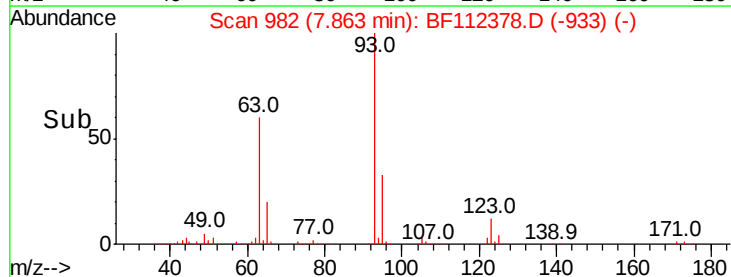
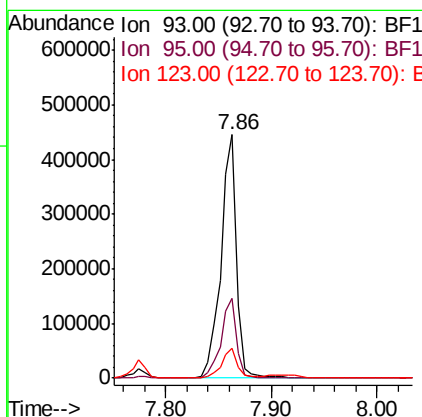
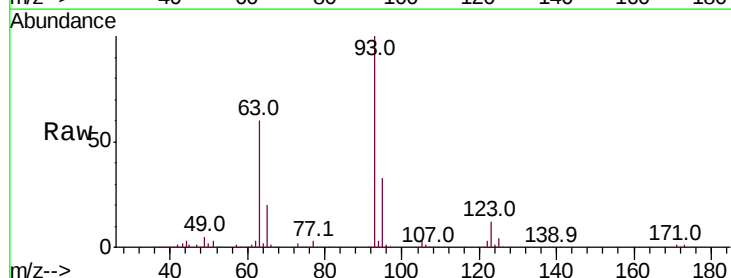
Manual Integrations
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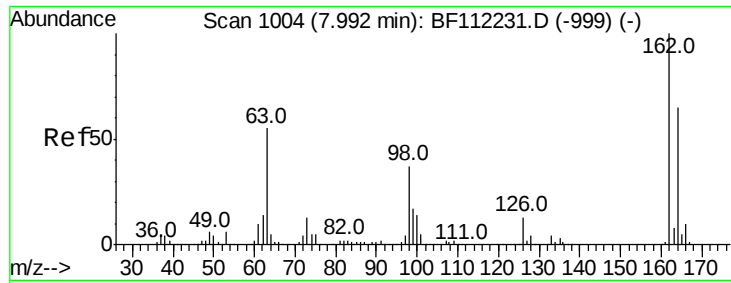
mohammad
2/5/2019 8:42:45 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.633 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	463123		
95	33.0	26.8	40.2	
123	12.1	10.2	15.2	





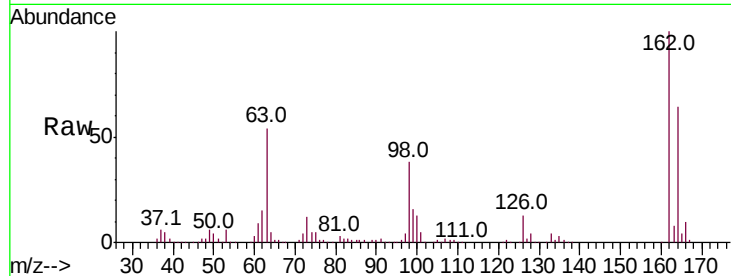
#29
2,4-Dichlorophenol
Concen: 40.045 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	360480		
164	63.7	44.6	84.6	
98	37.6	14.6	54.6	

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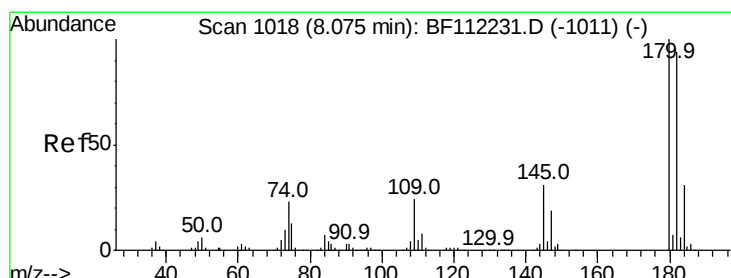
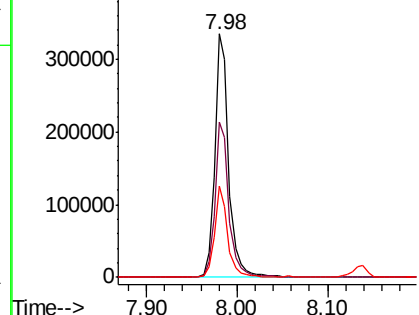
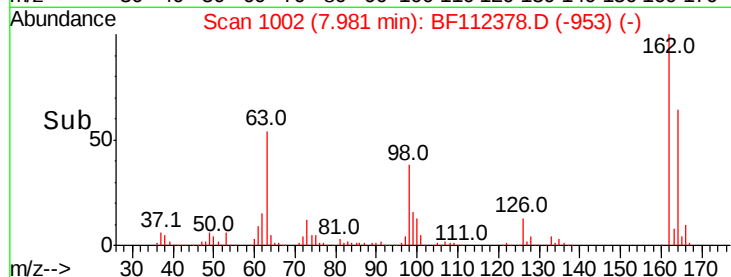


Abundance

Ion 162.00 (161.70 to 162.70): E

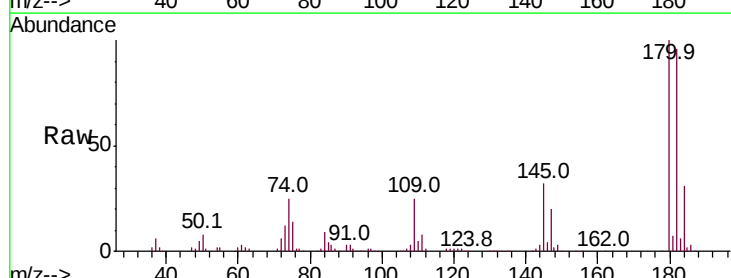
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.433 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	397686		
182	96.1	76.4	114.6	
145	31.7	25.0	37.4	

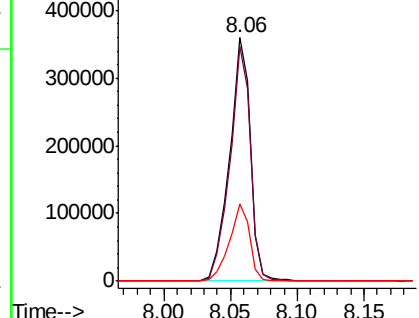
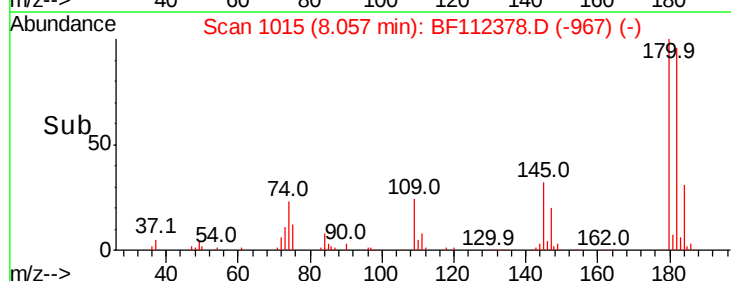


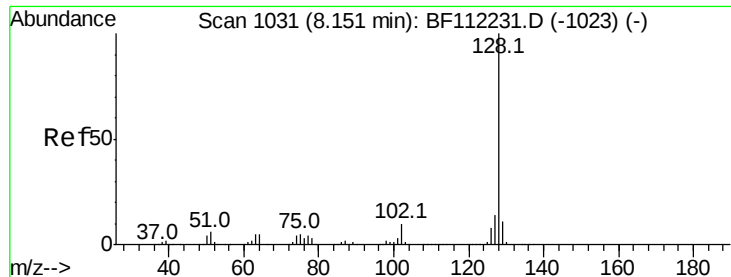
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





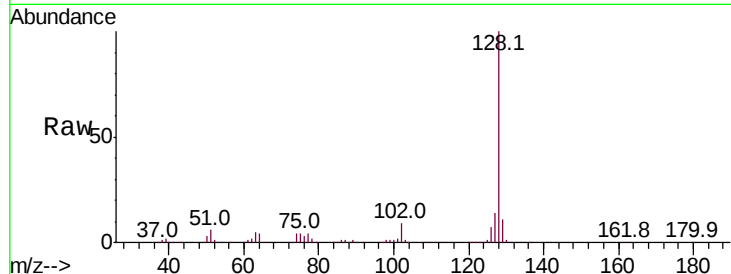
#31
Naphthalene
Concen: 41.428 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.6	11.1	16.7

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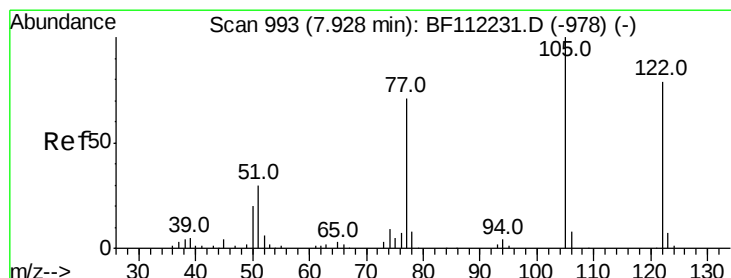
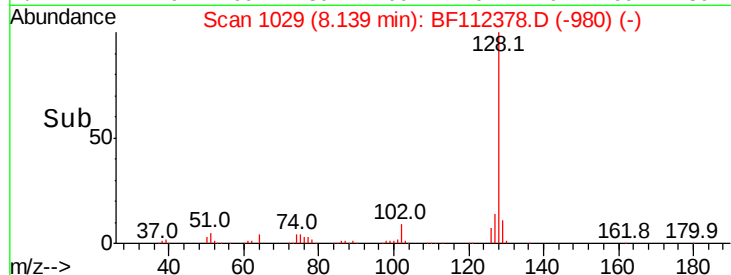
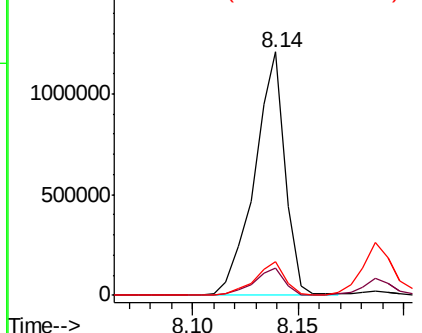


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.177 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

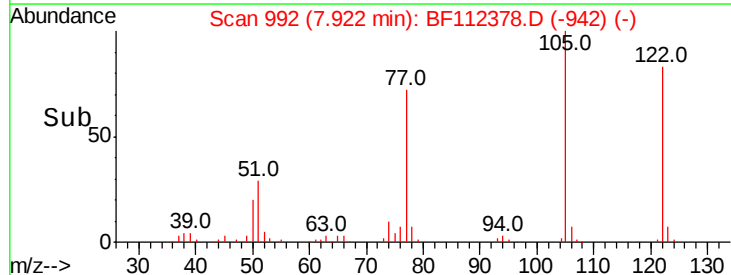
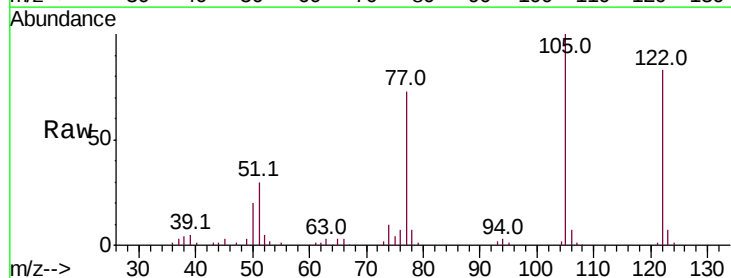
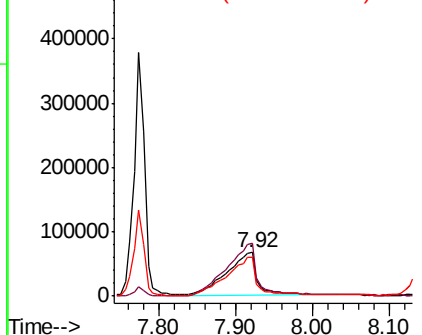
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	101.2	141.2
77	88.0	70.4	110.4

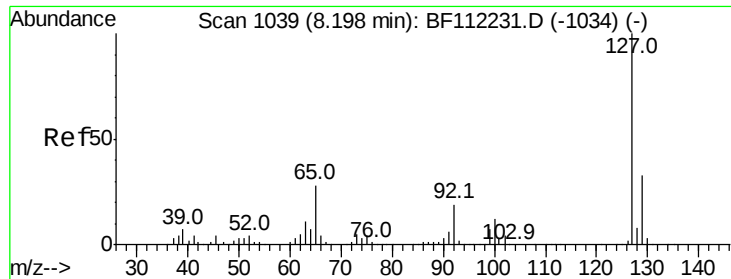
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





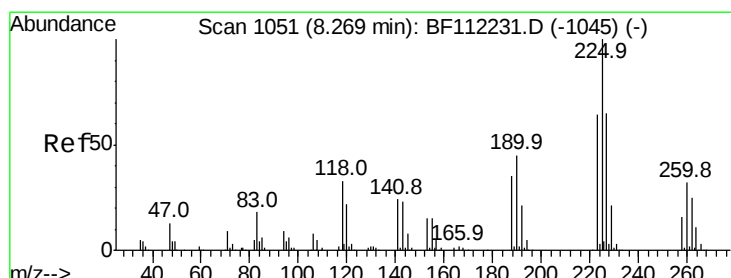
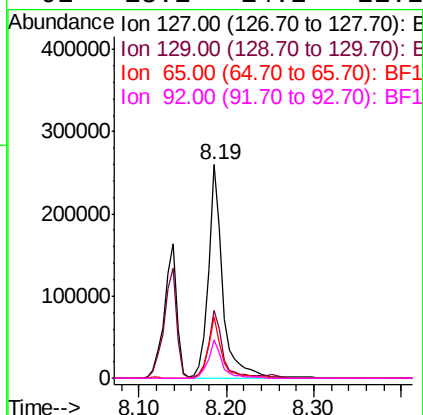
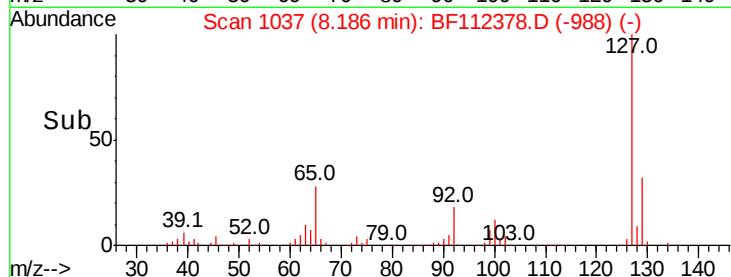
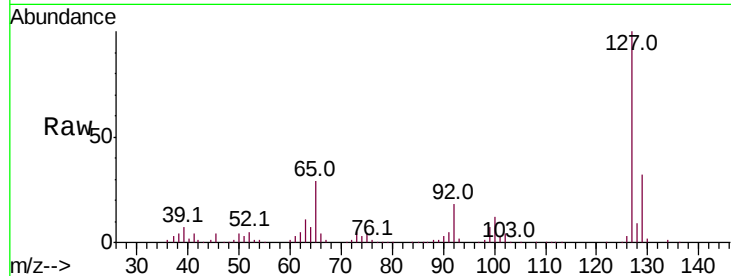
#33
4-Chloroaniline
Concen: 23.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.5	26.6	39.8
65	28.5	21.4	32.2
92	18.1	14.2	21.2

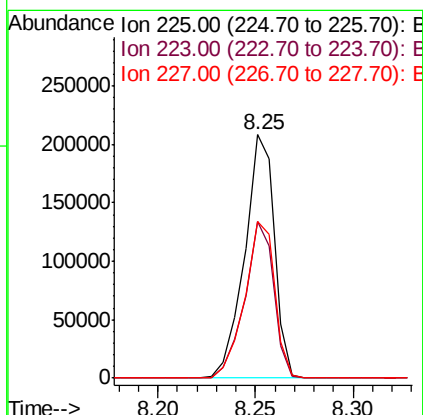
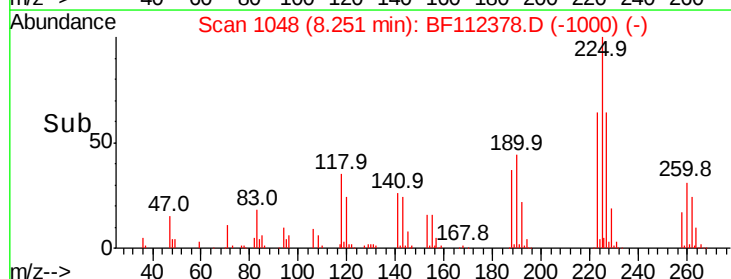
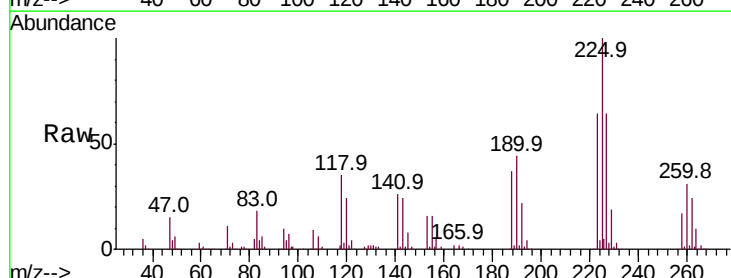
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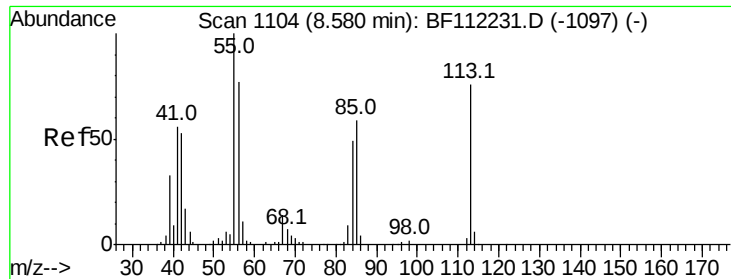
mohammad
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#34
Hexachlorobutadiene
Concen: 36.253 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.3	50.3	75.5
227	64.1	51.8	77.8





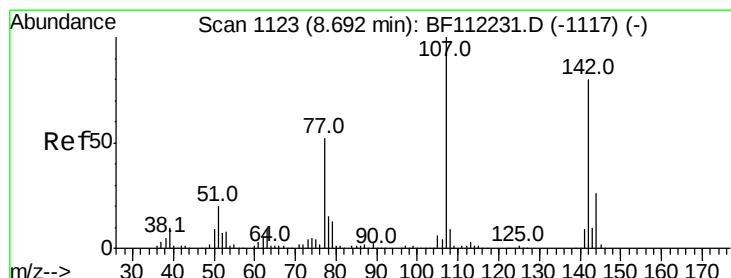
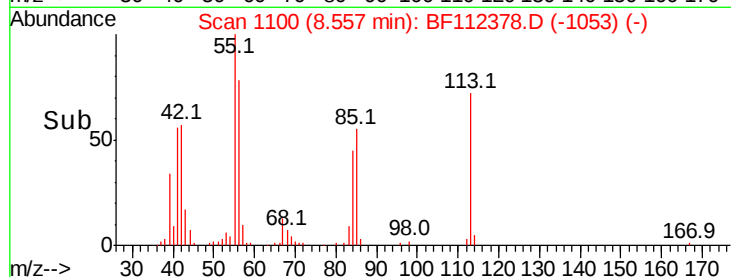
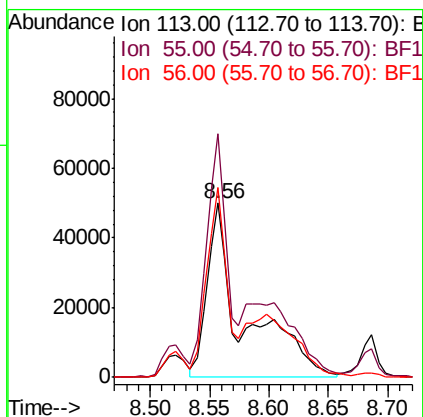
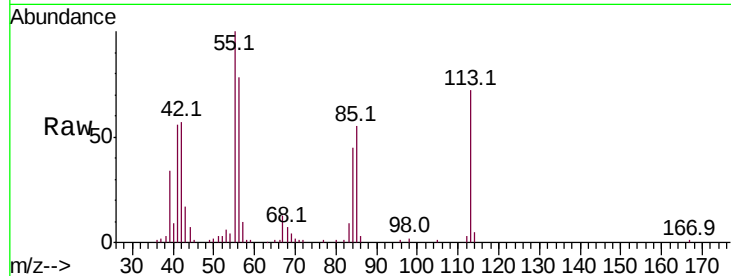
#35
 Caprolactam
 Concen: 33.714 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleID :
 PB116785BS

Tot Ion:113 Resp: 107062
 Ion Ratio Lower Upper
 113 100
 55 139.8 121.6 161.6
 56 109.4 86.7 126.7

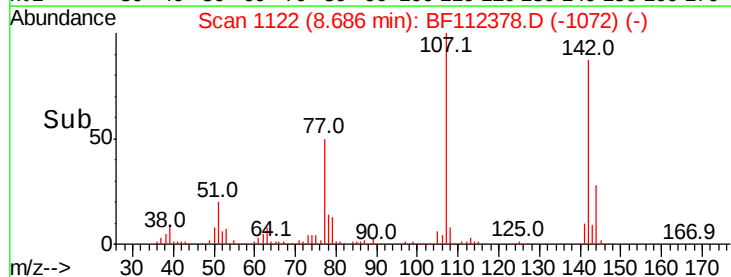
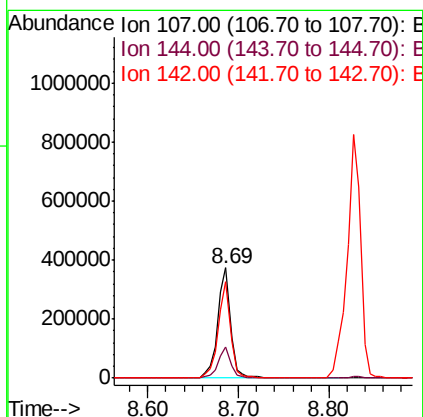
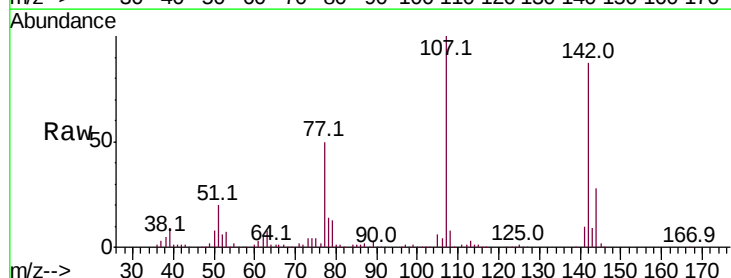
Manual Integrations
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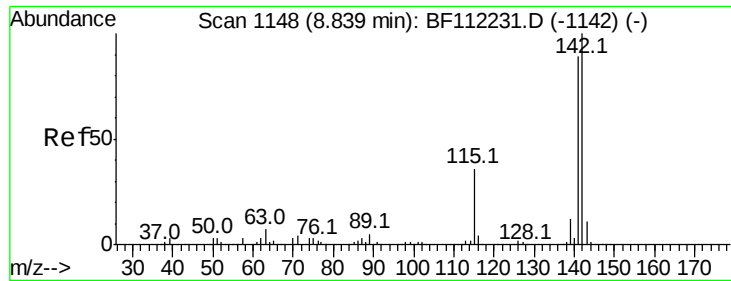
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.652 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:107 Resp: 368334
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.2 33.2
 142 87.2 67.7 101.5





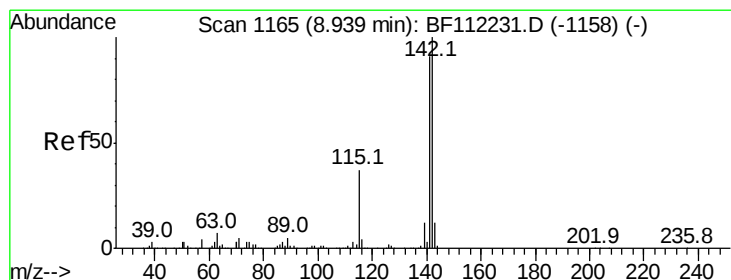
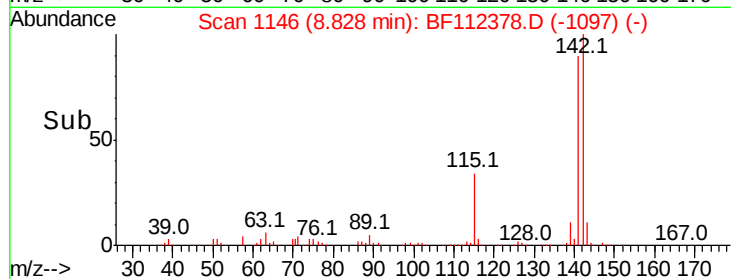
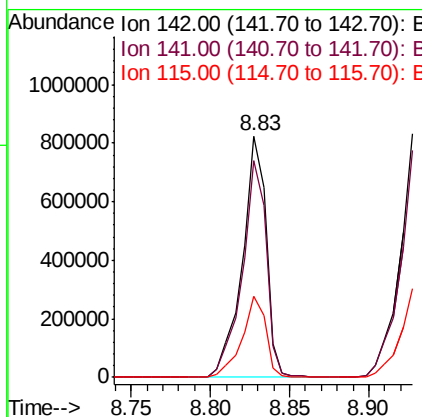
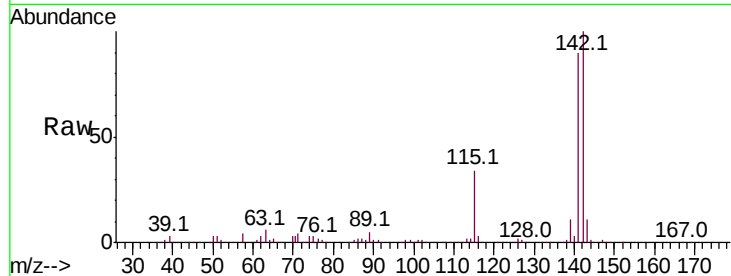
#37
2-Methylnaphthalene
Concen: 42.701 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3
115	33.7	24.9	37.3

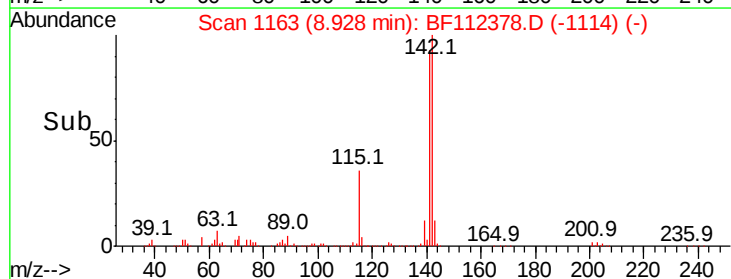
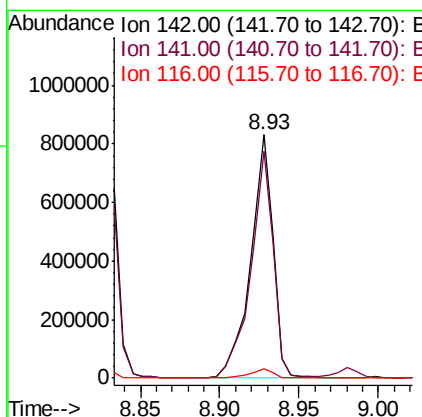
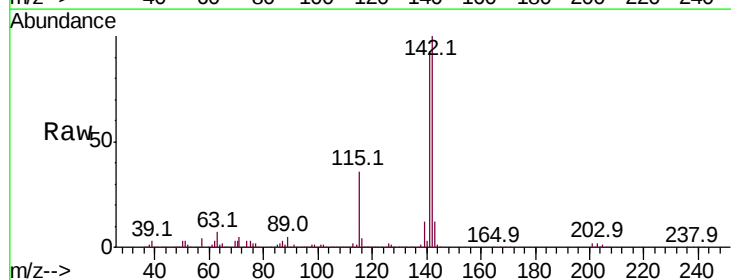
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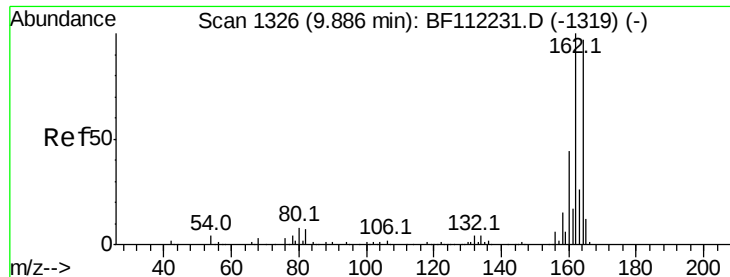
mohammad
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#38
1-Methylnaphthalene
Concen: 41.702 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.6	108.8
116	3.7	2.8	4.2





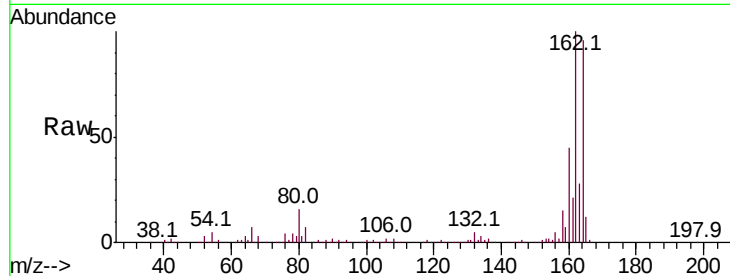
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.4
160	47.1	36.2	54.4

Manual Integrations
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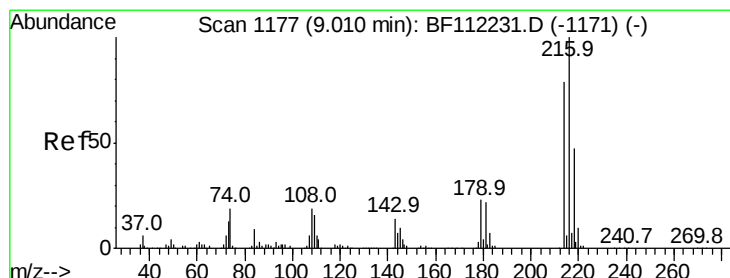
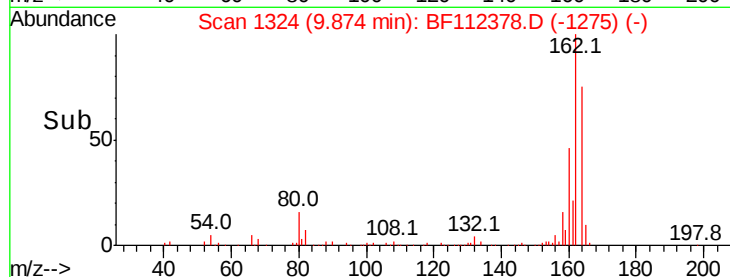
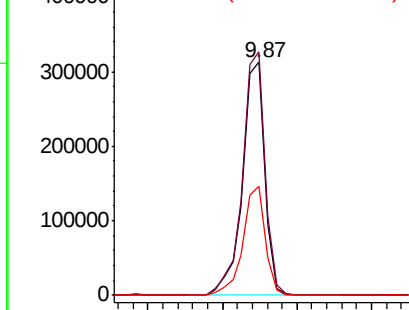


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.958 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.1	16.9	25.3
108	18.5	14.2	21.4

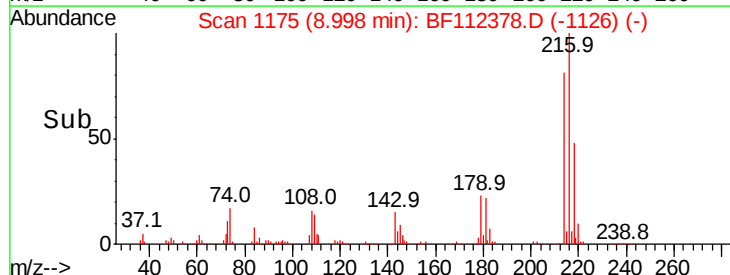
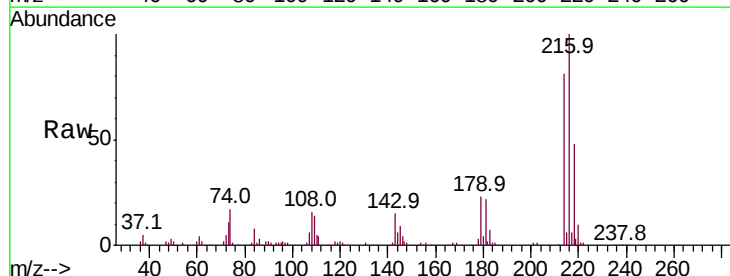
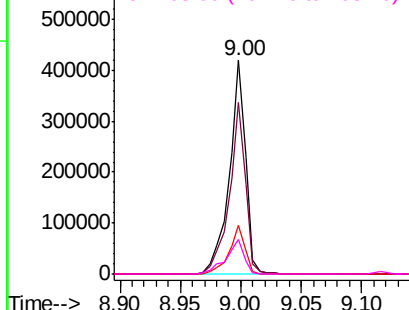
Abundance

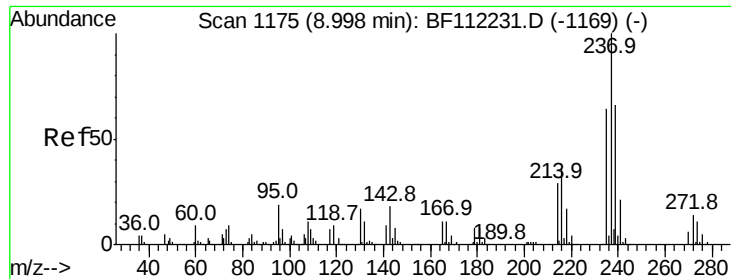
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 62.621 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

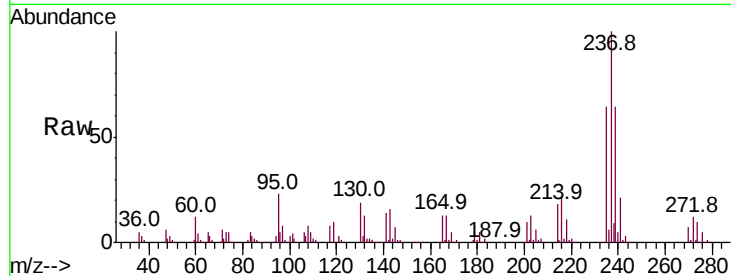
ClientSampleId :

PB116785BS

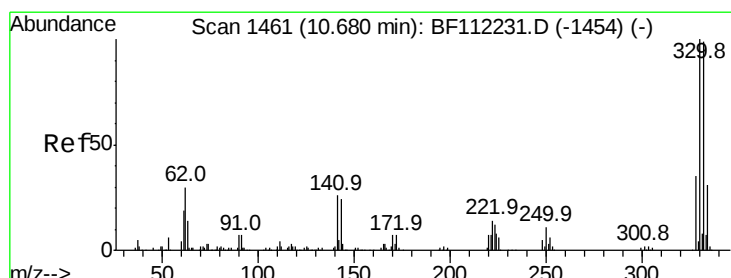
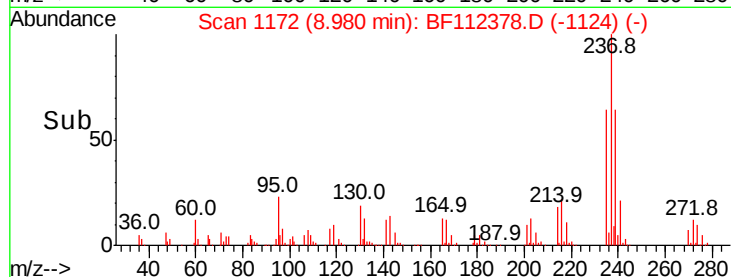
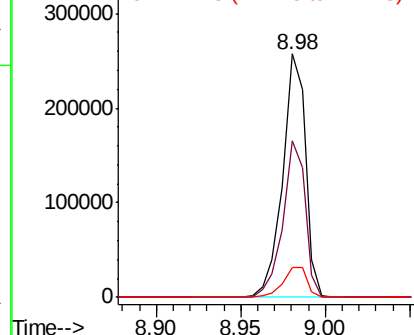
Tot Ion:	237	Resp:	242780
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.0	84.0
272	12.5	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.409 ng

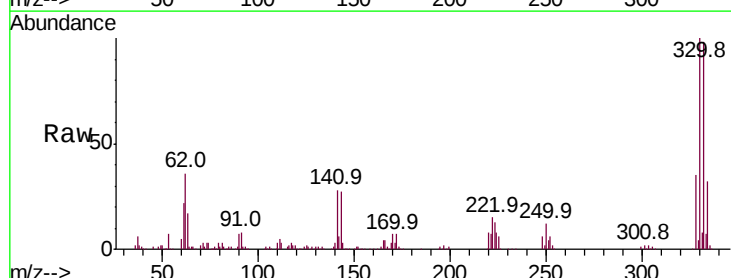
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

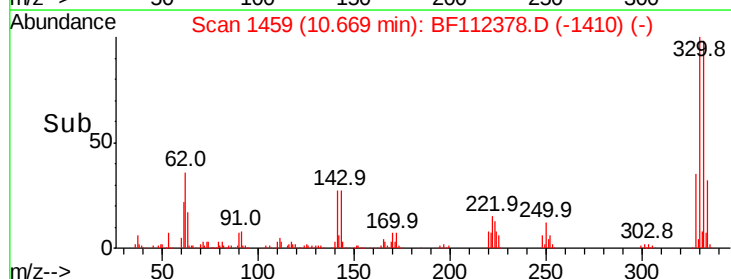
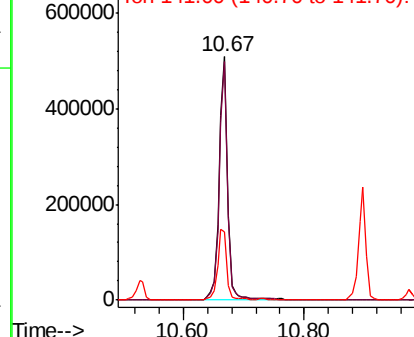
Lab File: BF112378.D

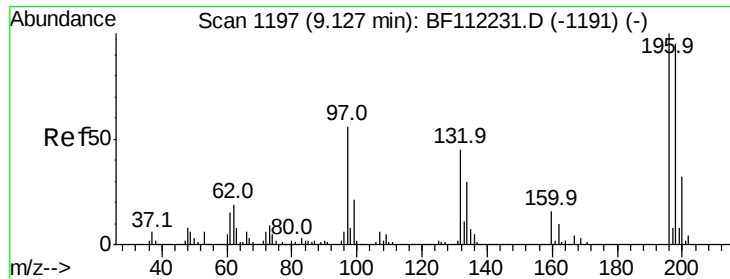
Acq: 4 Feb 2019 14:17

Tgt Ion:	330	Resp:	498846
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.6	114.8
141	31.4	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





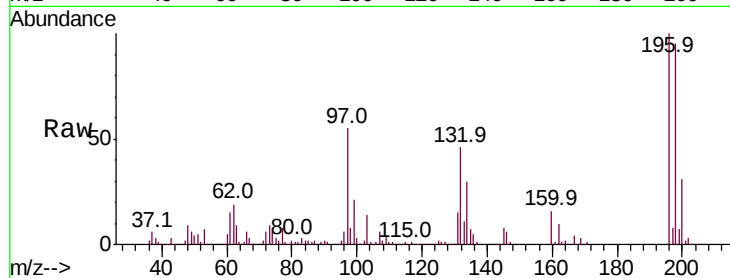
#43
 2,4,6-Trichlorophenol
 Concen: 37.005 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

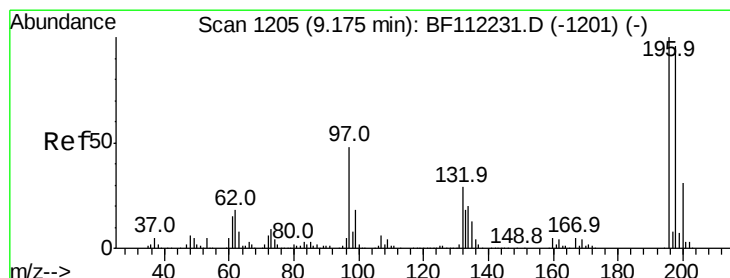
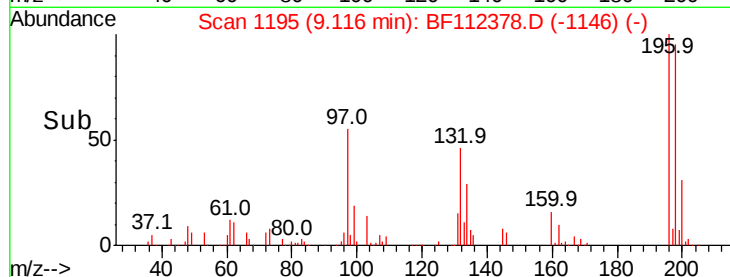
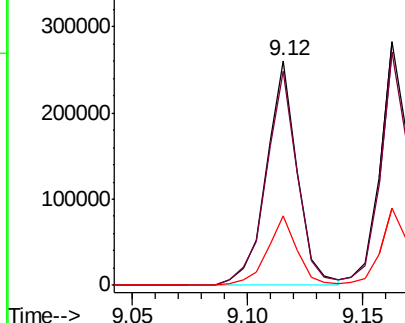
Tot Ion:	196	Resp:	242413
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.2	114.4
200	30.8	24.3	36.5

Manual Integrations
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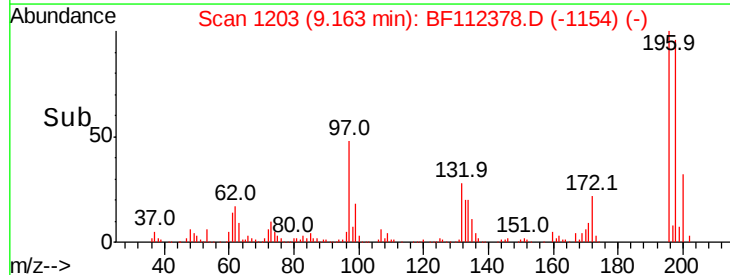
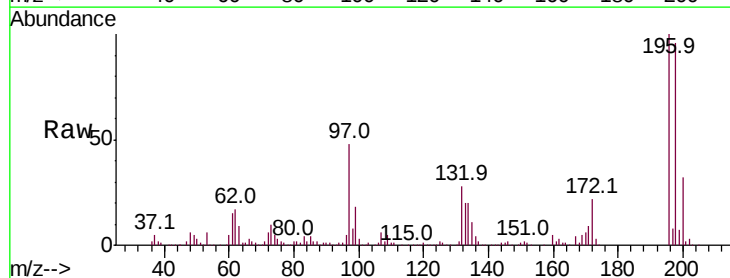
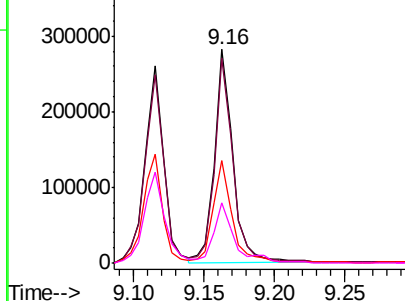
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

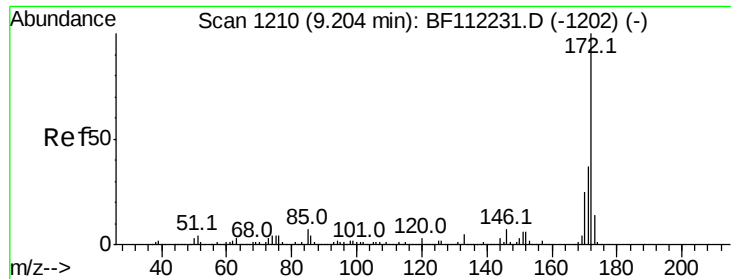


#44
 2,4,5-Trichlorophenol
 Concen: 37.591 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:	196	Resp:	257366
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.0	114.0
97	47.7	36.4	54.6
132	28.2	21.5	32.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





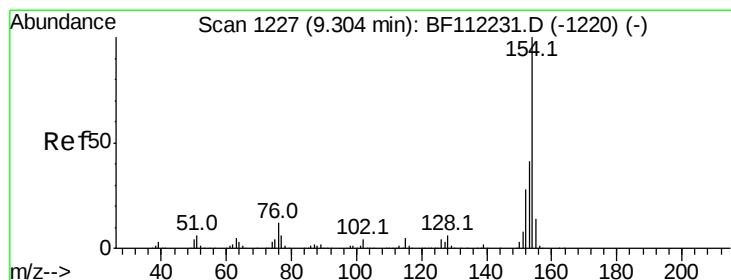
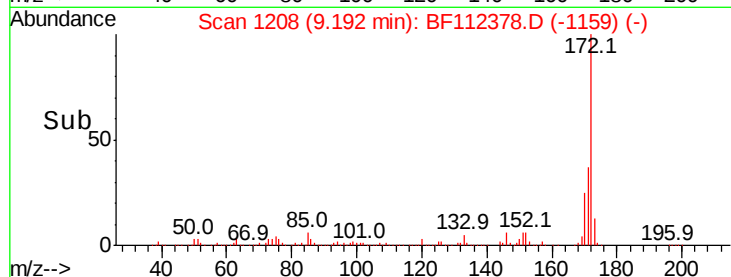
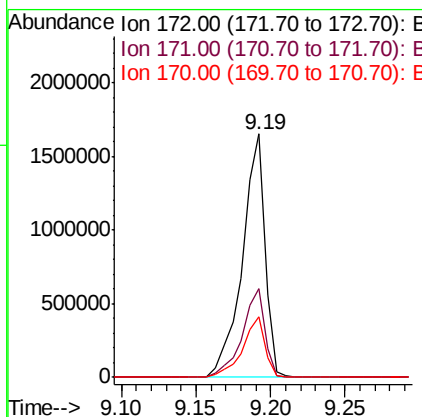
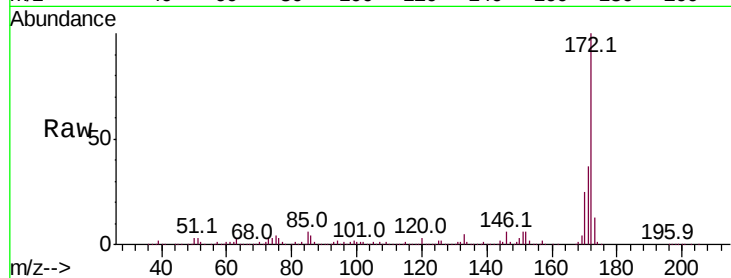
#45
2-Fluorobiphenyl
Concen: 76.566 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:172 Resp: 1752230
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.7 20.2 30.4

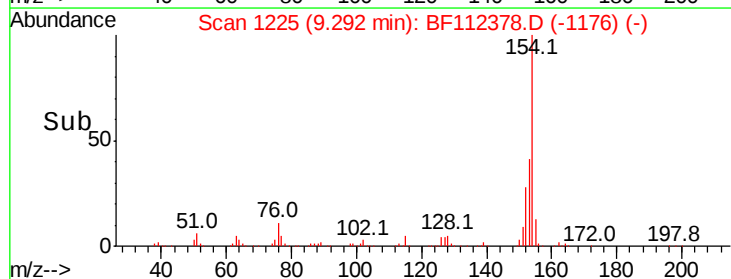
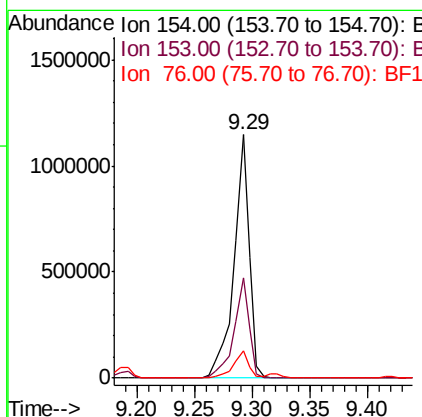
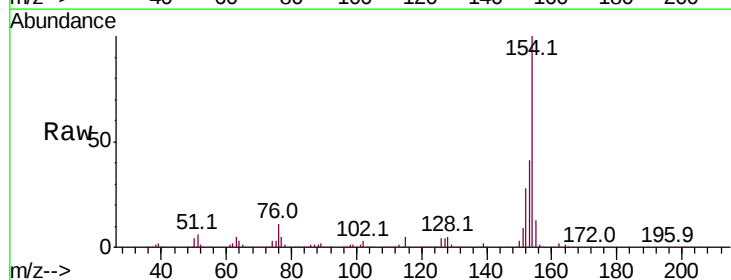
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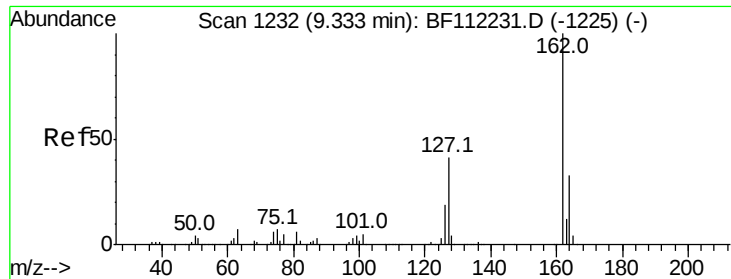
mohammad
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#46
1,1'-Biphenyl
Concen: 36.925 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:154 Resp: 1044848
Ion Ratio Lower Upper
154 100
153 41.0 21.5 61.5
76 11.3 0.0 33.1





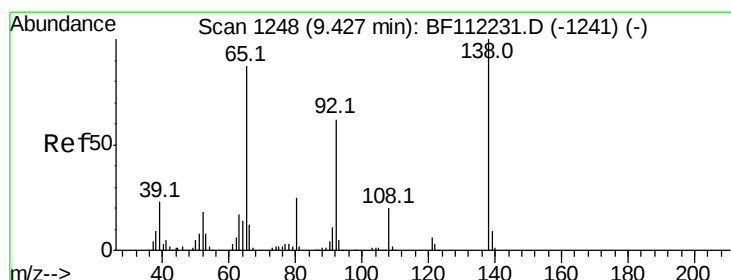
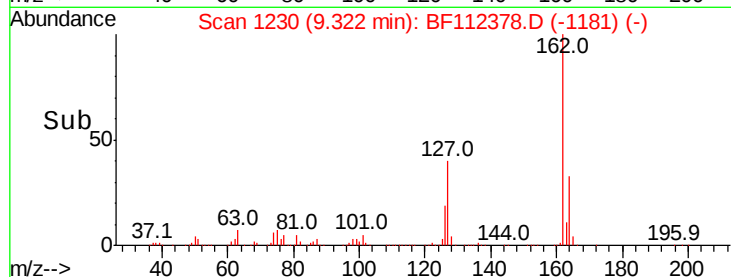
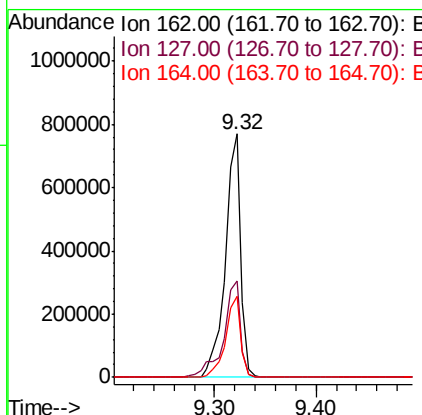
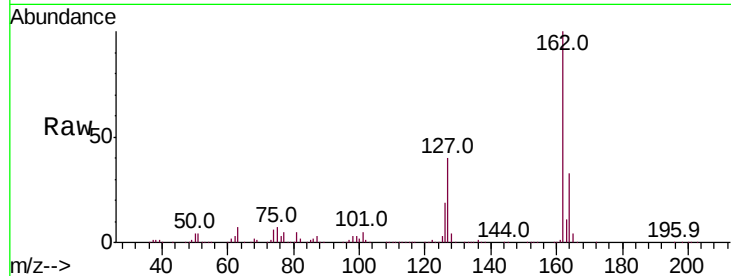
#47
 2-Chloronaphthalene
 Concen: 36.696 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleID :
 PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	30.4	45.6	
164	33.1	27.4	41.2	

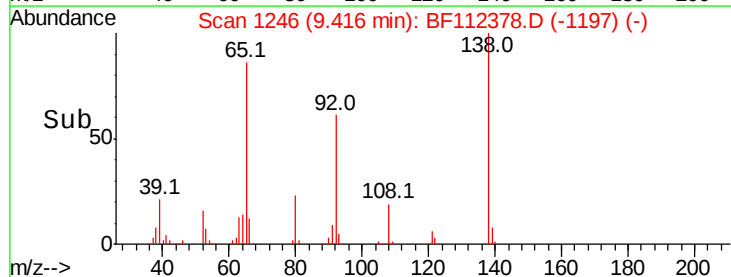
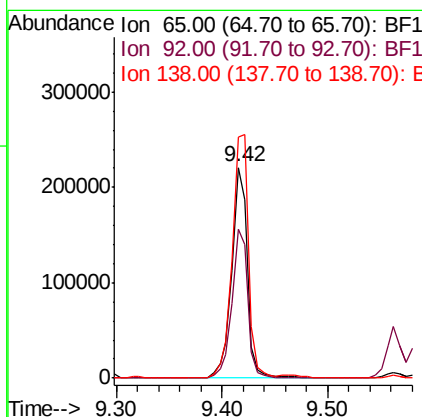
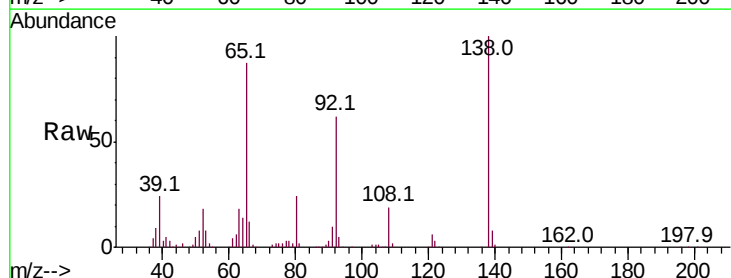
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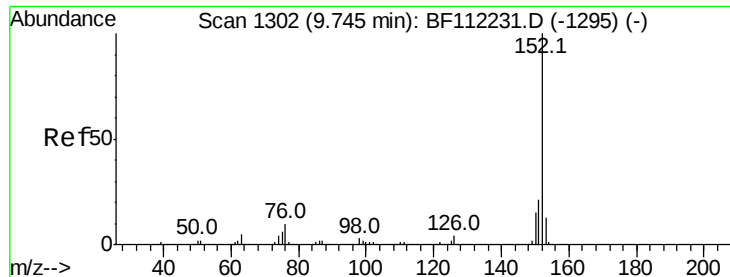
mohammad
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#48
 2-Nitroaniline
 Concen: 37.504 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.6	60.4	90.6	
138	114.4	104.4	156.6	





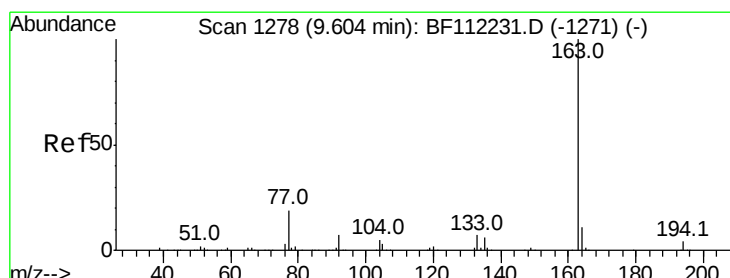
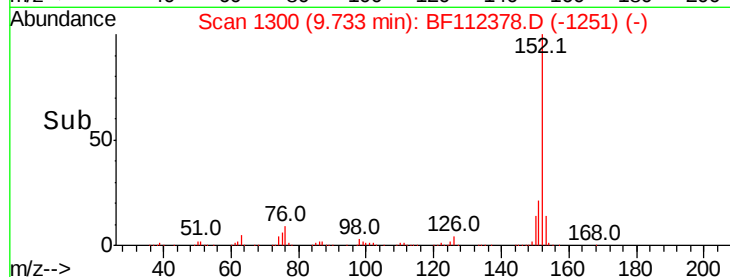
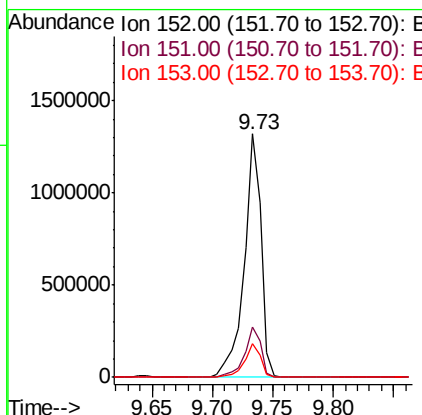
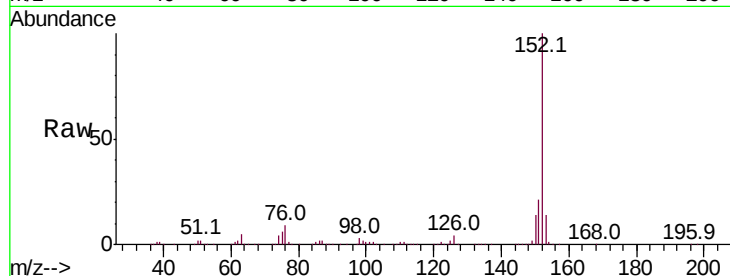
#49
Acenaphthylene
Concen: 39.883 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.0	25.6
153	13.7	11.2	16.8

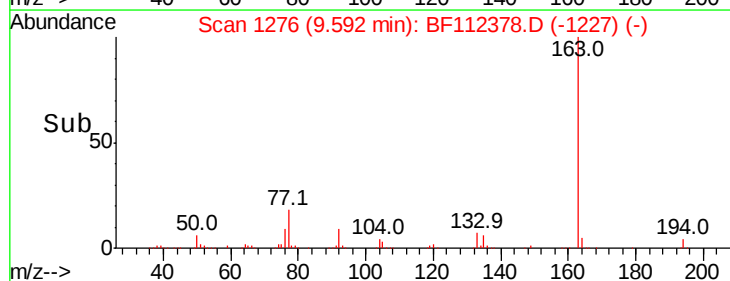
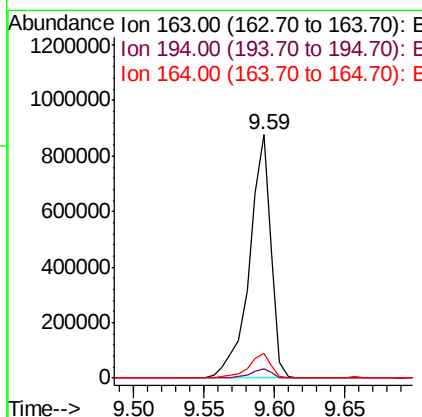
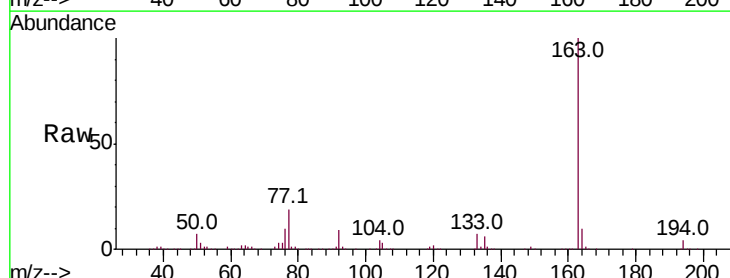
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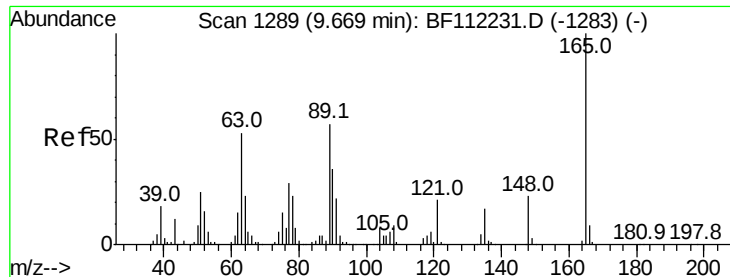
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#50
Dimethylphthalate
Concen: 37.217 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 38.267 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

Tot Ion:165 Resp: 215527
Ion Ratio Lower Upper

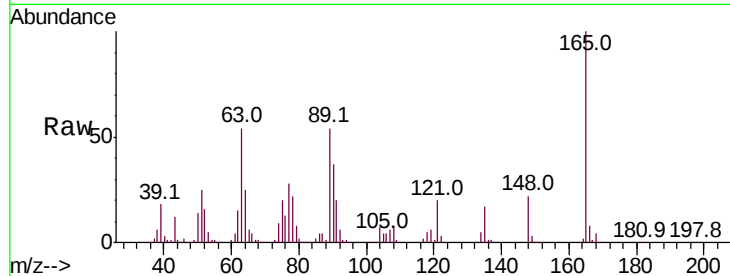
165 100

63 53.7 33.8 50.8#

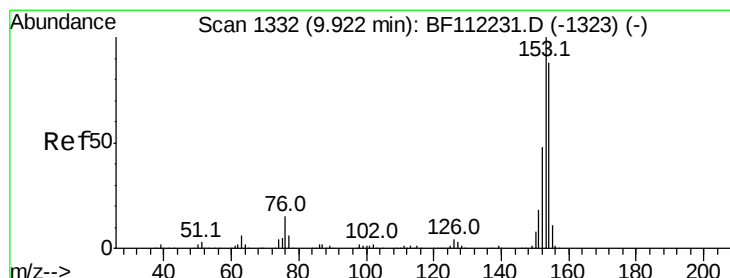
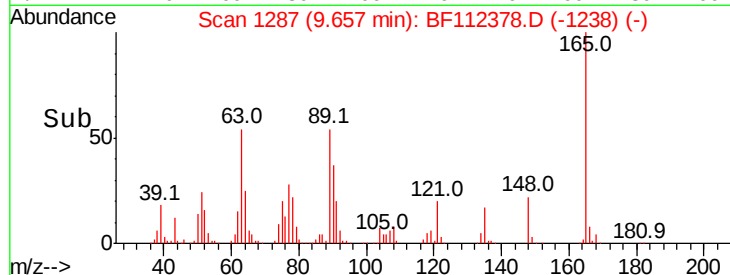
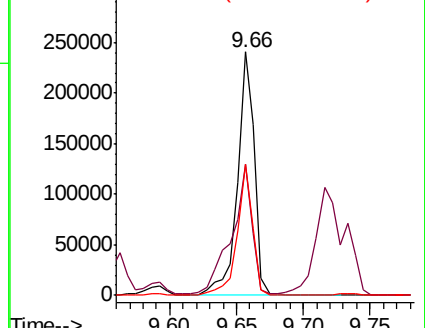
89 53.6 36.9 55.3

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.769 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112378.D

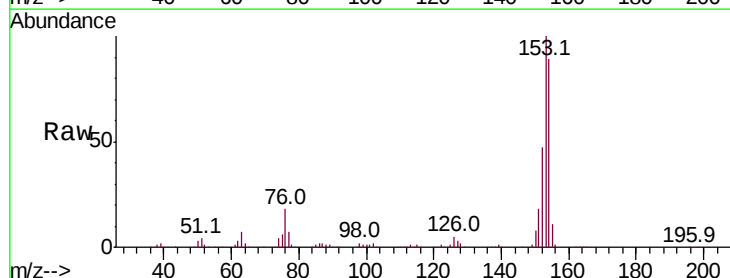
Acq: 4 Feb 2019 14:17

Tgt Ion:154 Resp: 744857
Ion Ratio Lower Upper

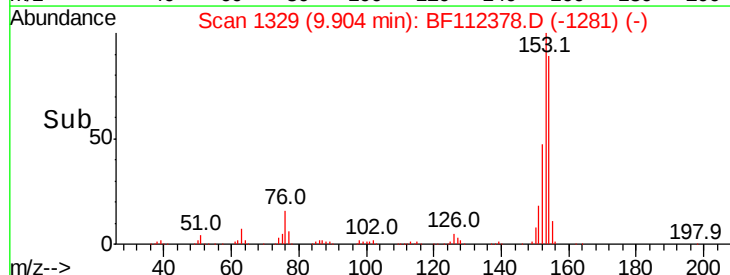
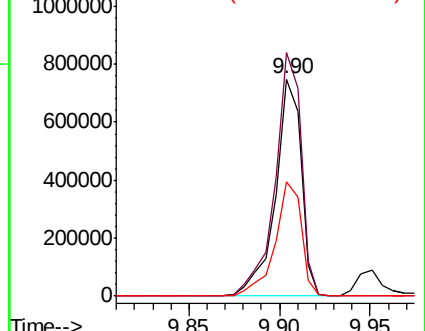
154 100

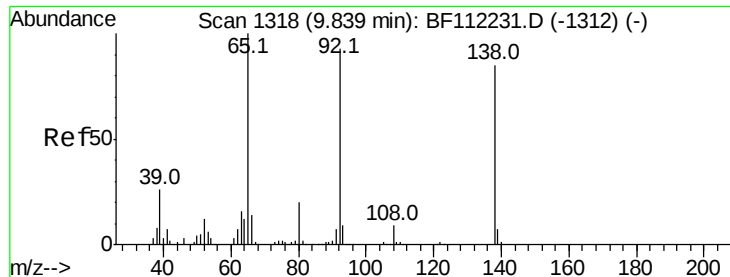
153 112.3 89.8 134.6

152 52.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





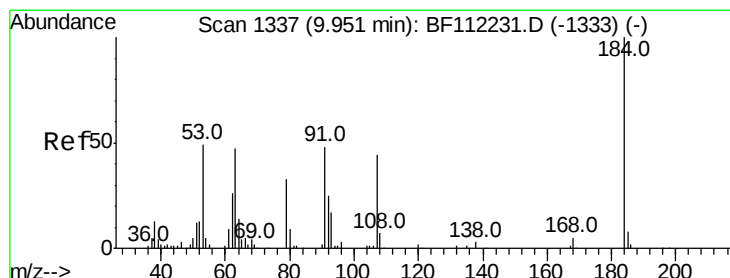
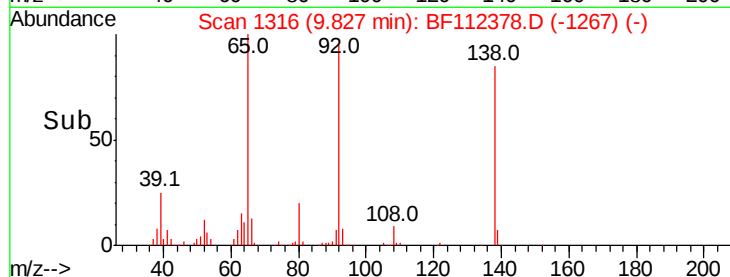
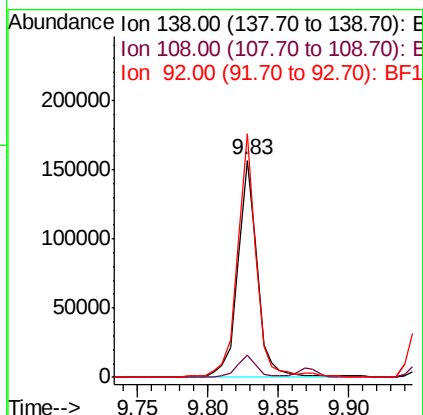
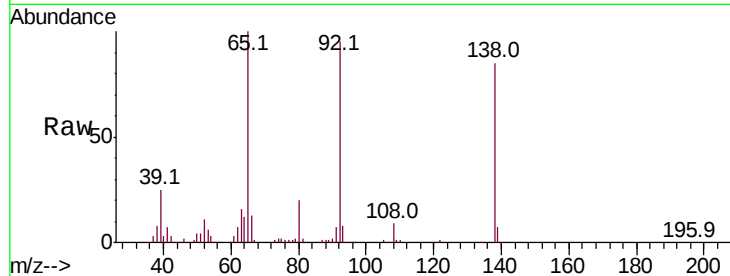
#53
3-Nitroaniline
Concen: 24.775 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	151172		
108	10.3	9.8	14.6	
92	112.2	79.4	119.2	

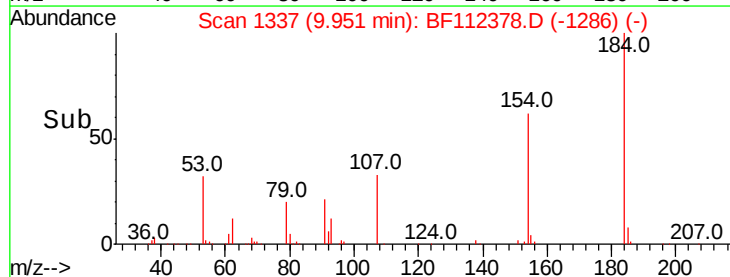
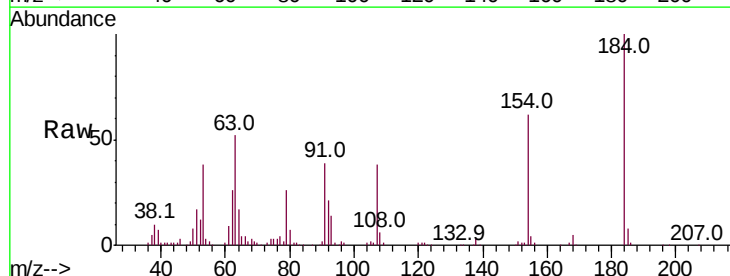
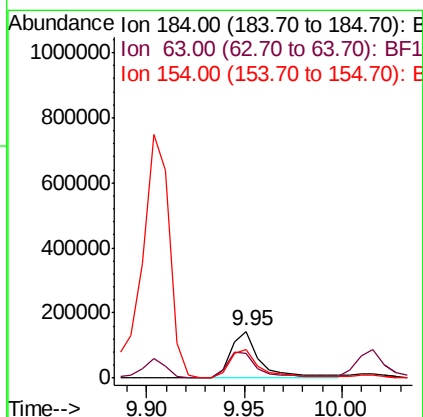
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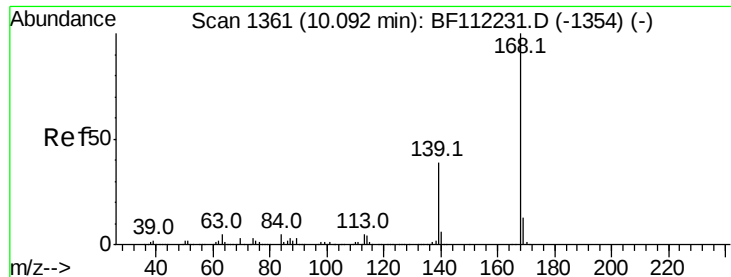
mohammad
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#54
2,4-Dinitrophenol
Concen: 84.095 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	152002		
63	51.9	47.1	70.7	
154	61.7	48.9	73.3	





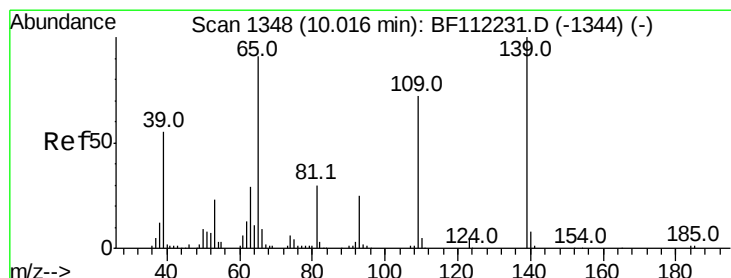
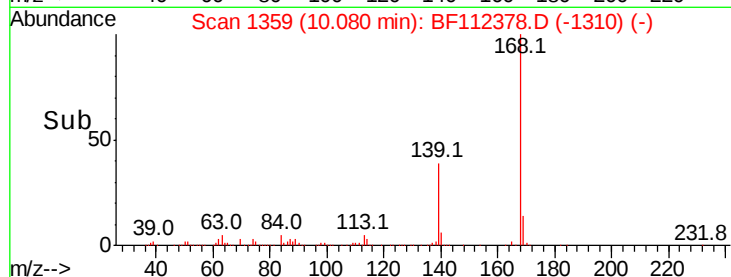
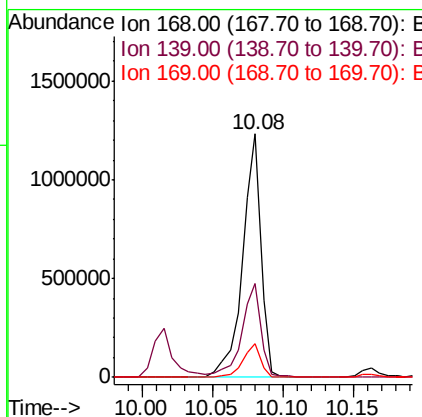
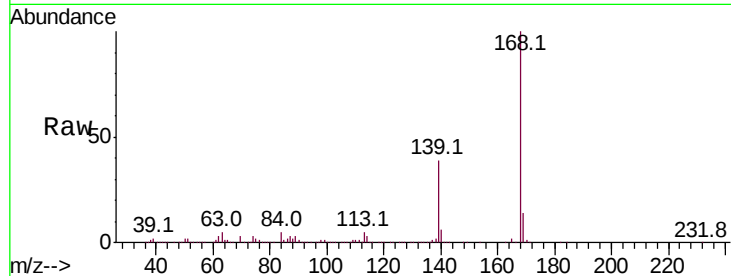
#55
Dibenzofuran
Concen: 37.889 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	29.2	43.8
169	13.7	11.4	17.0

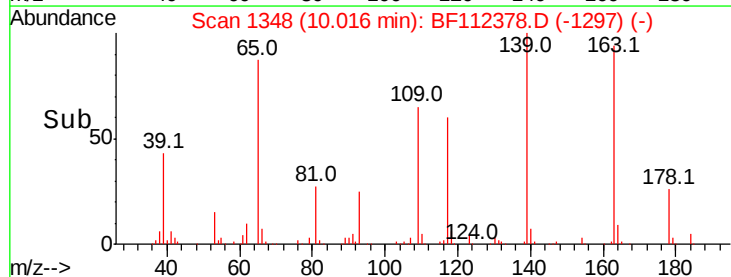
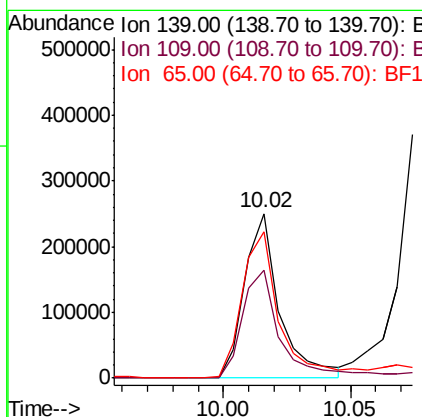
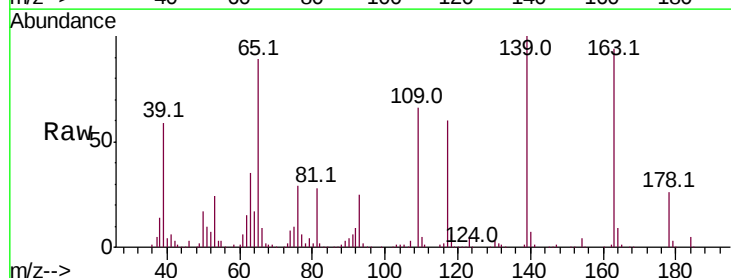
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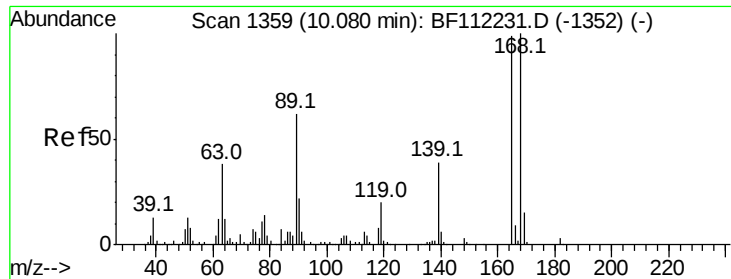
mohammad
2/5/2019 8:42:45 AM



#56
4-Nitrophenol
Concen: 75.154 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.7	42.8	82.8
65	88.5	66.1	106.1





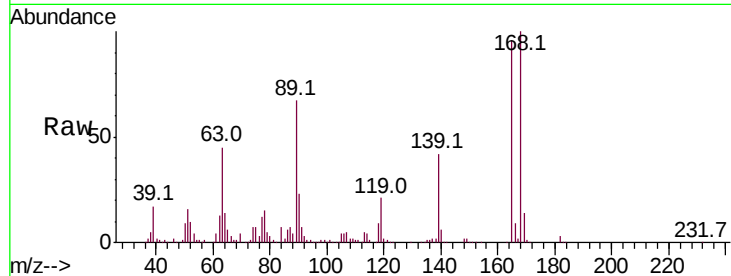
#57
2,4-Dinitrotoluene
Concen: 39.177 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.3	27.9	41.9	
89	69.1	47.9	71.9	
182	2.9	2.2	3.4	

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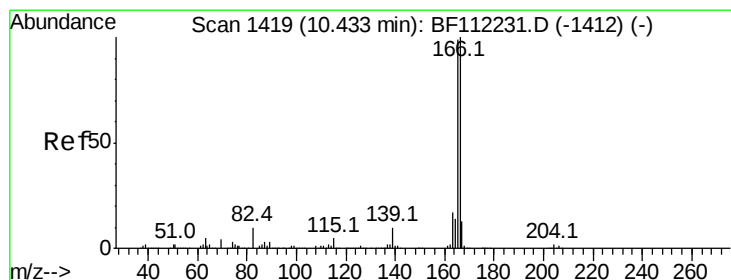
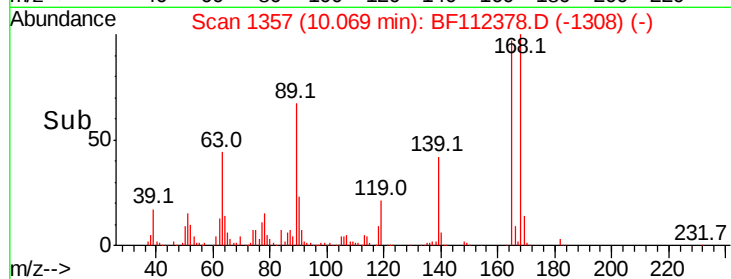
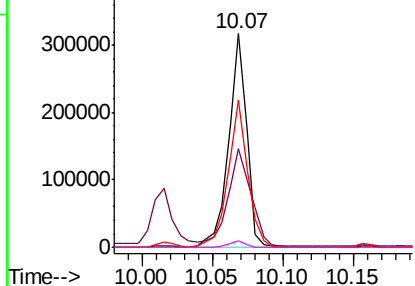
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

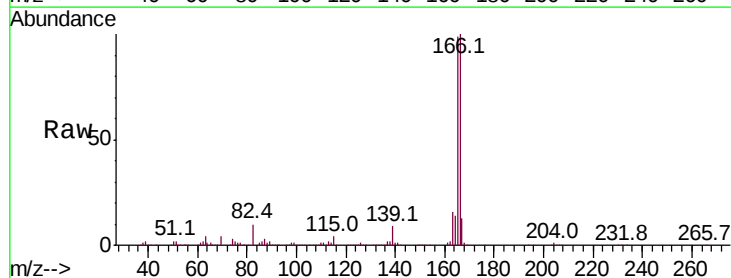
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.854 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	77.1	115.7	
167	13.4	11.3	16.9	

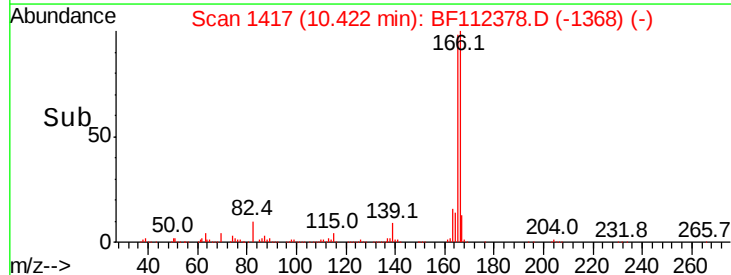
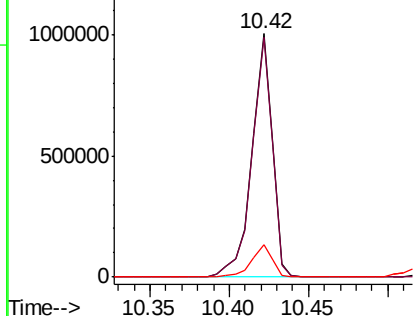


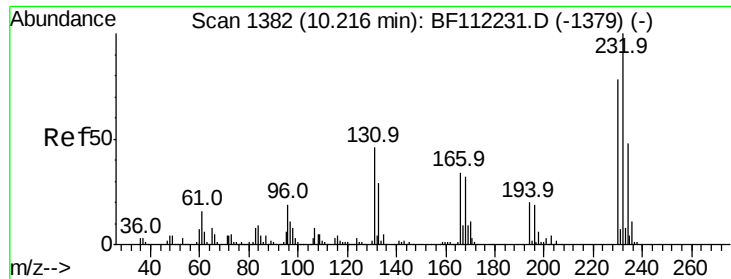
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





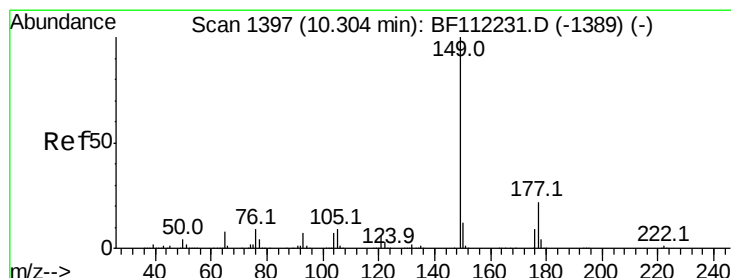
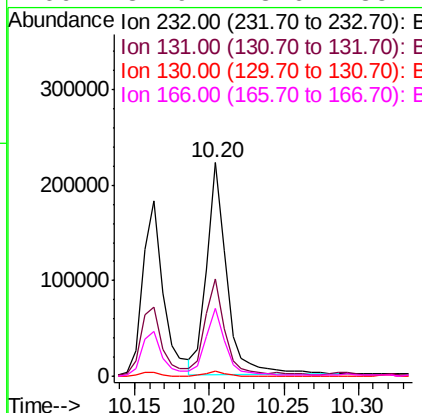
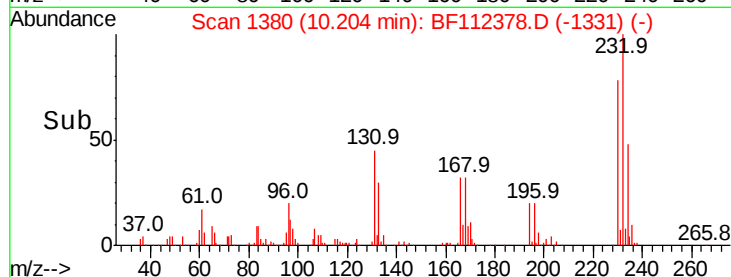
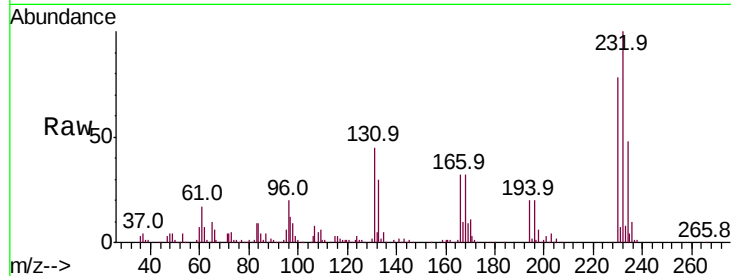
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.085 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	207395		
131	44.9		33.9	50.9
130	2.5		1.8	2.6
166	31.9		23.6	35.4

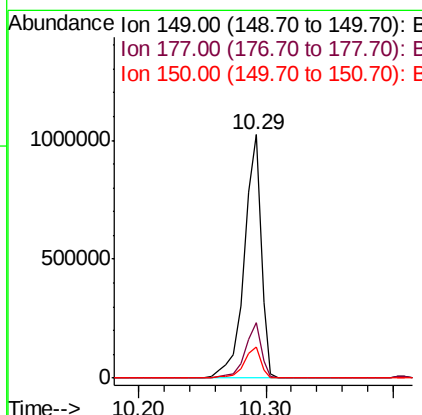
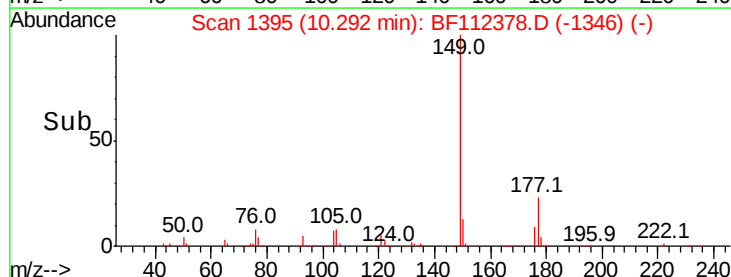
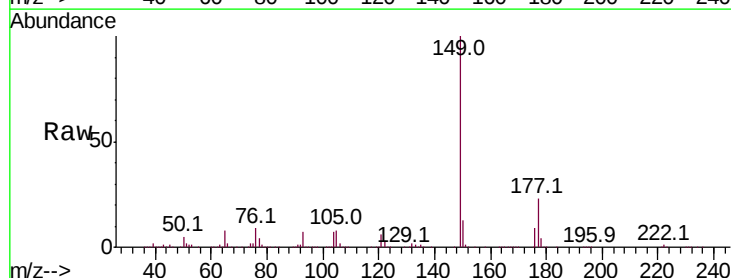
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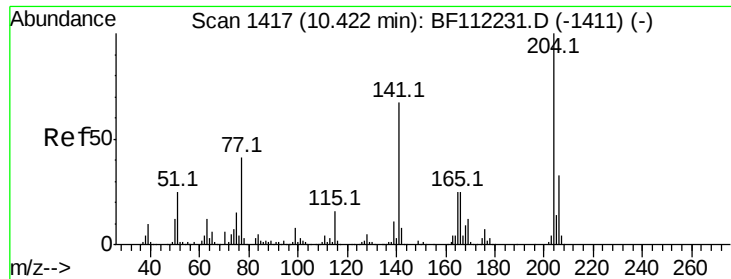
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#60
Diethylphthalate
Concen: 37.509 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	936096		
177	22.7		18.2	27.2
150	12.9		10.4	15.6





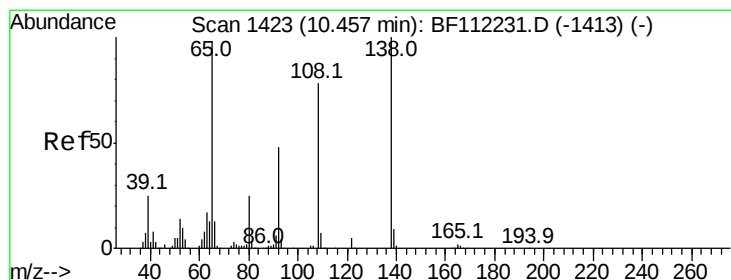
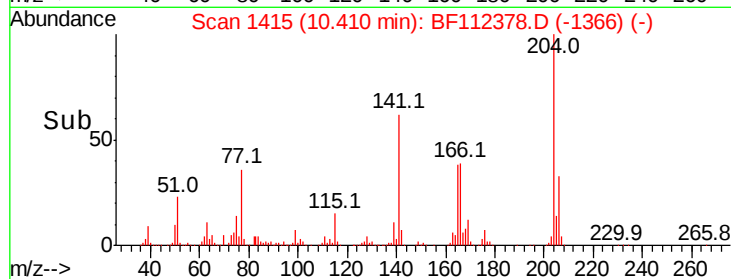
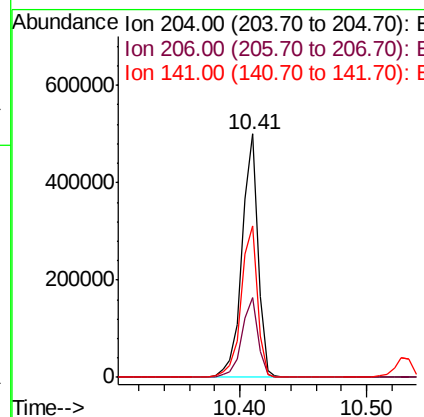
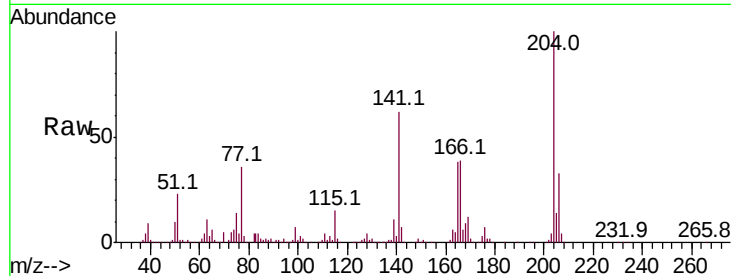
#61
4-Chlorophenyl-phenylether
Concen: 35.974 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	62.2	45.9	68.9

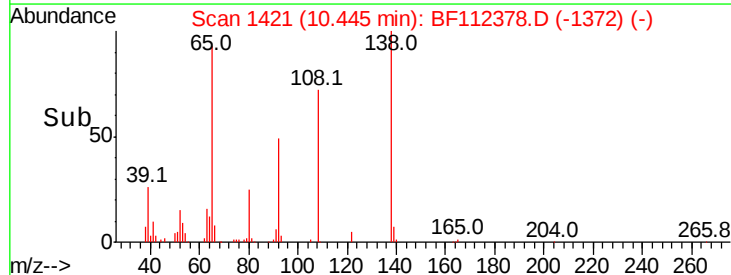
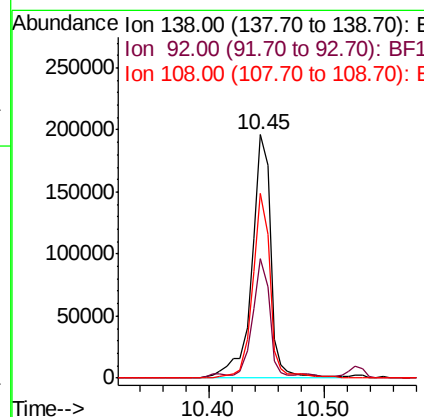
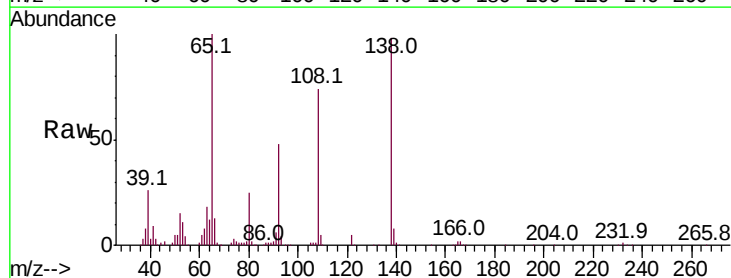
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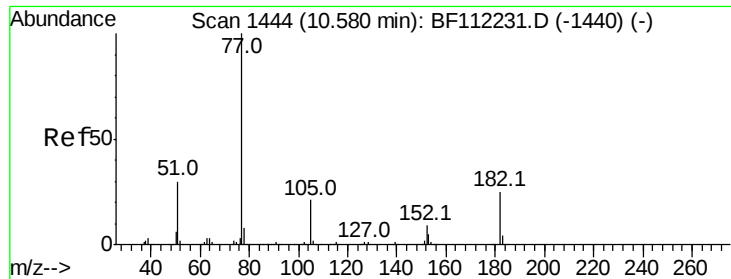
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#62
4-Nitroaniline
Concen: 37.483 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	30.6	70.6
108	75.6	50.0	90.0





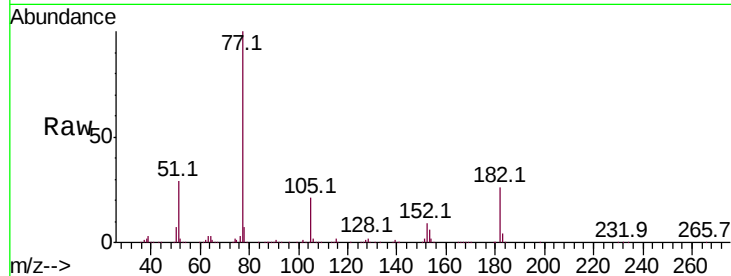
#63
Azobenzene
Concen: 37.288 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

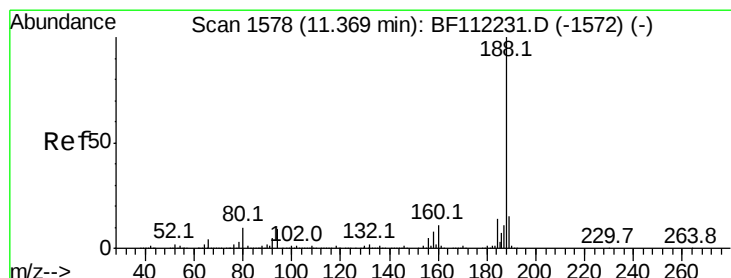
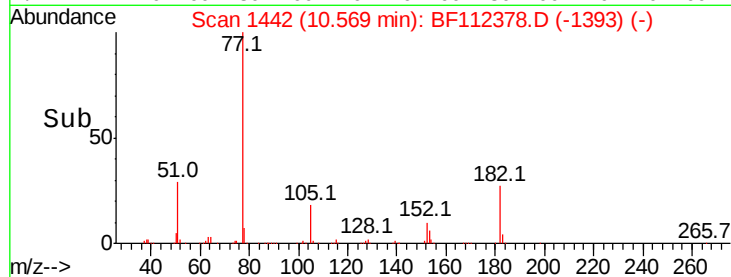
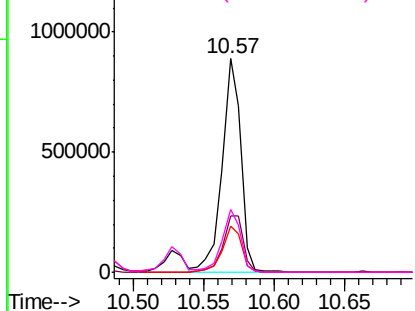
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.3	5.7	45.7	
105	21.3	1.4	41.4	
51	29.4	9.5	49.5	

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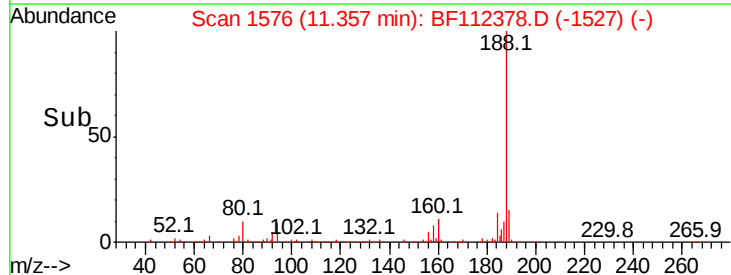
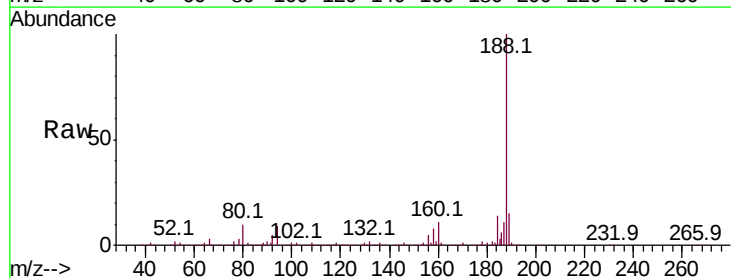
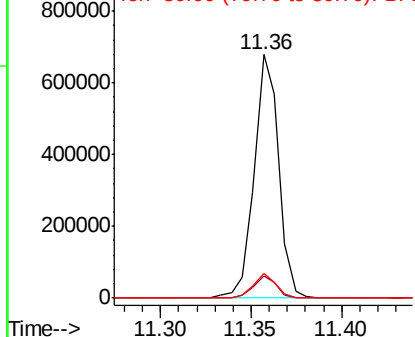
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

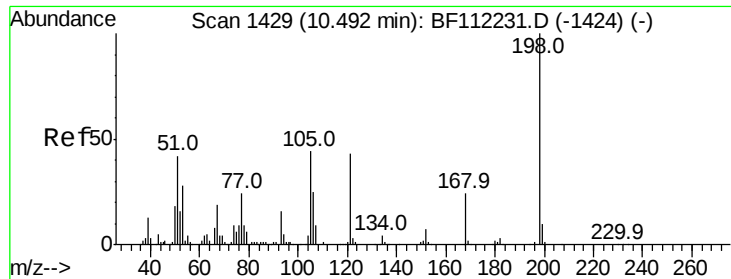


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.0	8.2	12.2	
80	9.9	8.9	13.3	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





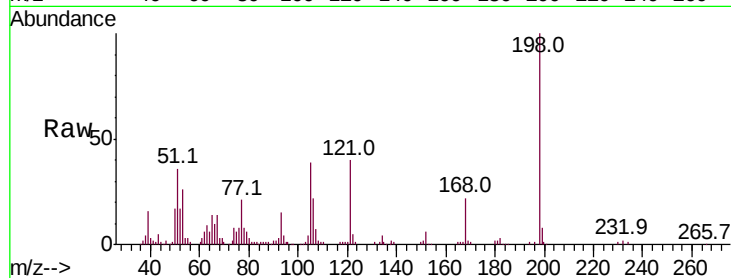
#65
4,6-Dinitro-2-methylphenol
Concen: 34.099 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	121873		
51	36.4	17.2	57.2	
105	39.1	21.9	61.9	

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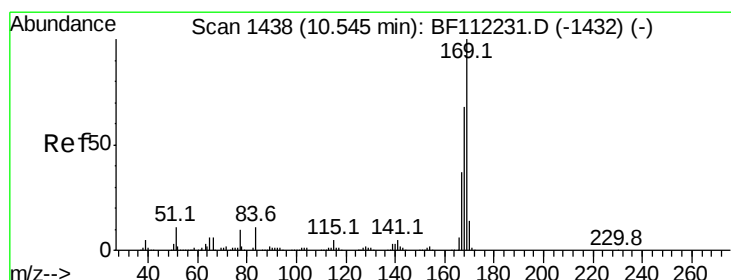
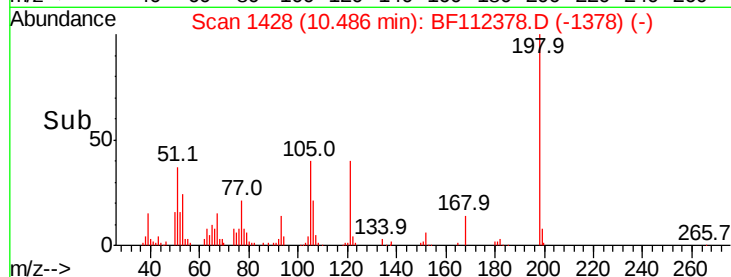
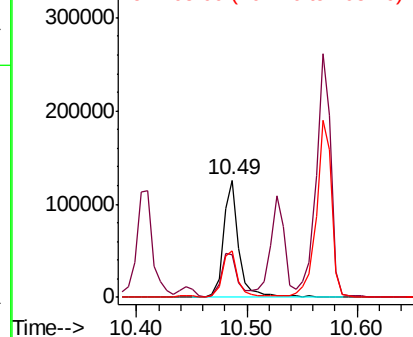


Abundance

Ion 198.00 (197.70 to 198.70): E

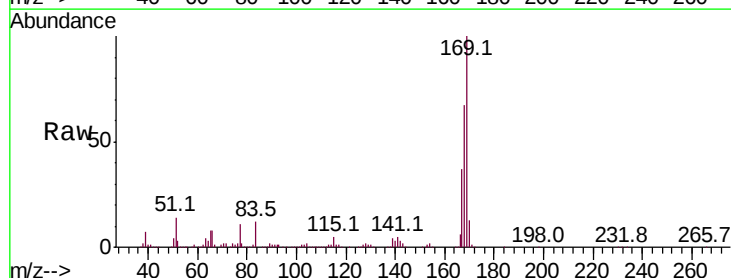
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 36.974 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	794371		
168	67.5	53.9	80.9	
167	36.8	28.9	43.3	

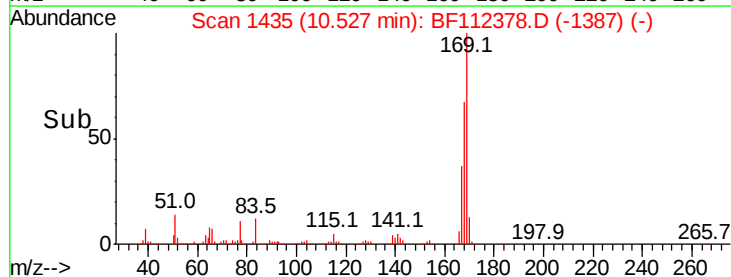
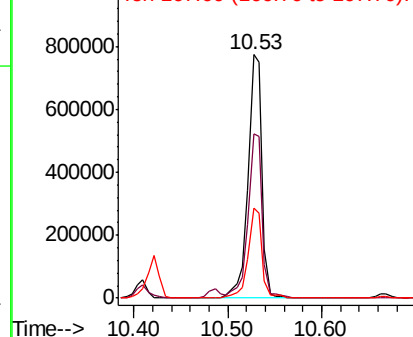


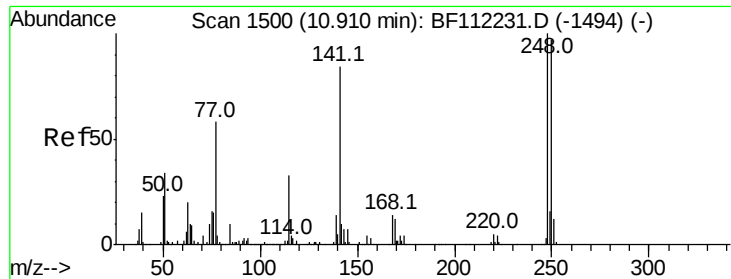
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 36.065 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF112378.D

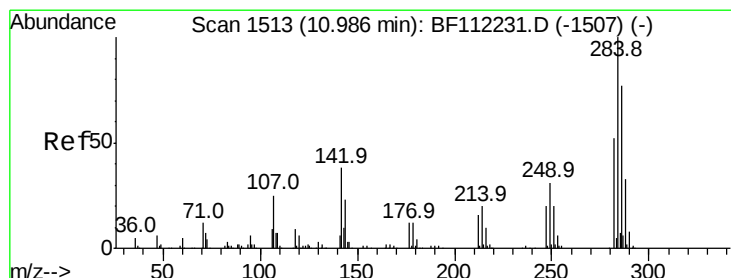
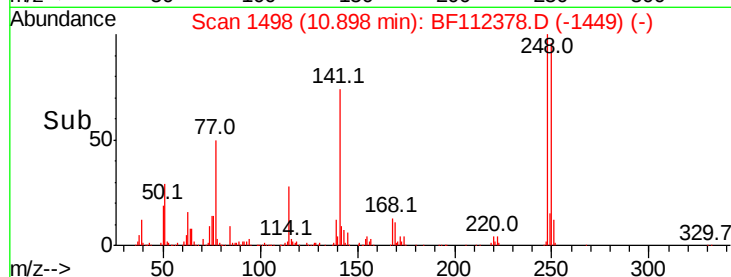
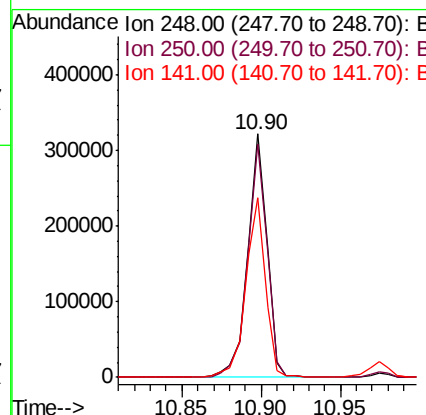
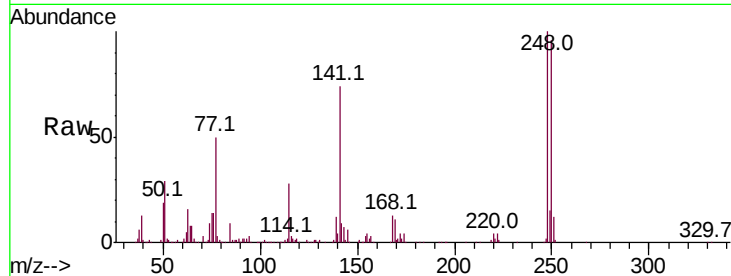
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.7	119.5
141	73.7	60.3	90.5

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#68

Hexachlorobenzene

Concen: 36.860 ng

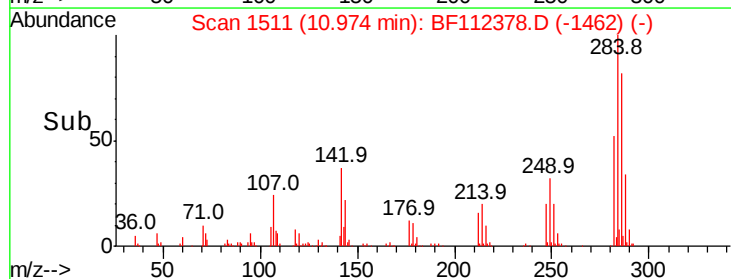
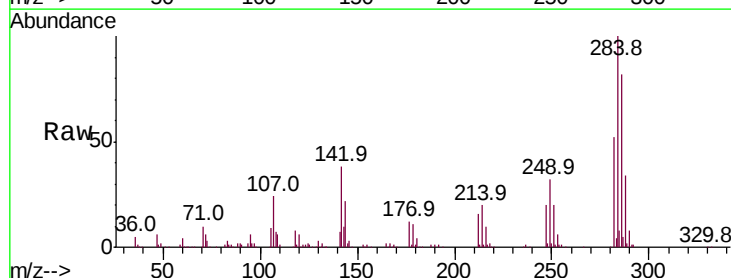
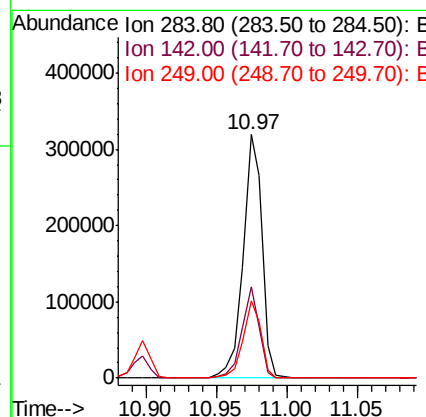
RT: 10.97 min Scan# 1511

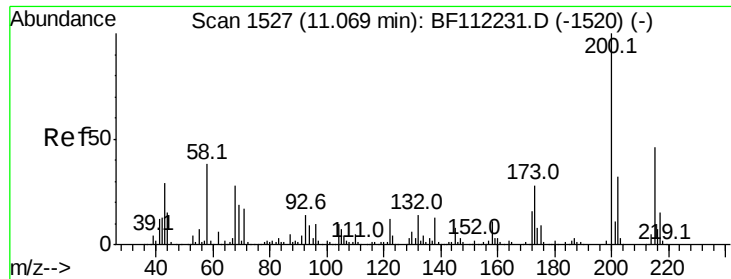
Delta R.T. -0.01 min

Lab File: BF112378.D

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Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	27.6	41.4
249	31.9	24.1	36.1





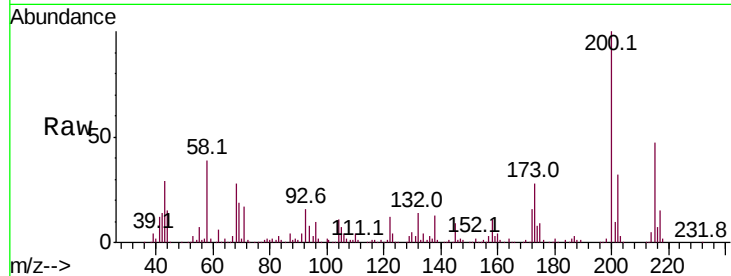
#69
Atrazine
Concen: 37.782 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

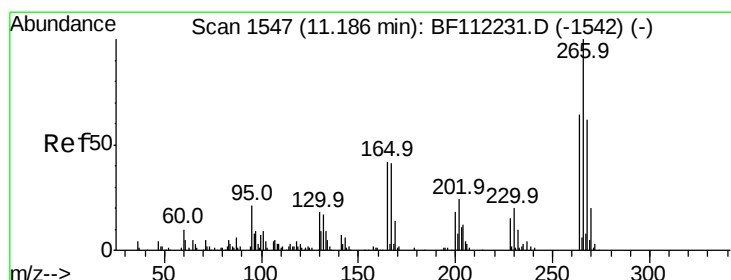
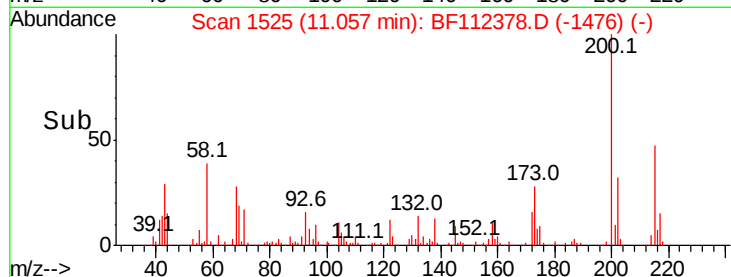
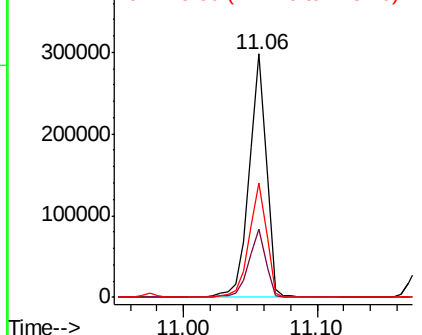
Tot Ion	Ratio	Resp	Lower	Upper
200	100	261921		
173	28.0	7.1	47.1	
215	46.9	30.4	70.4	

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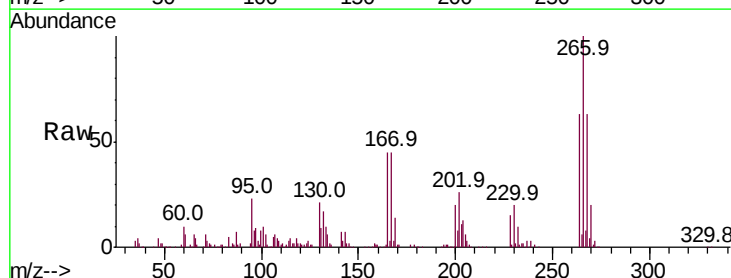


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

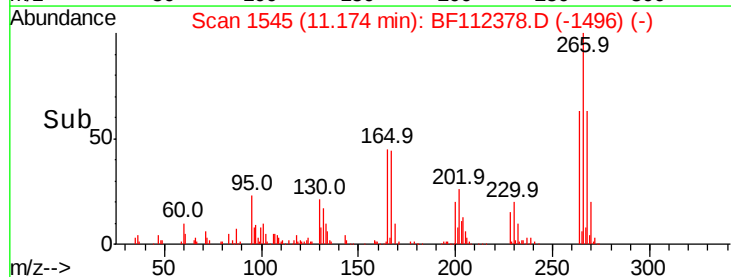
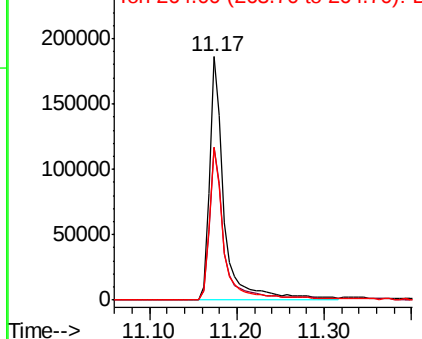


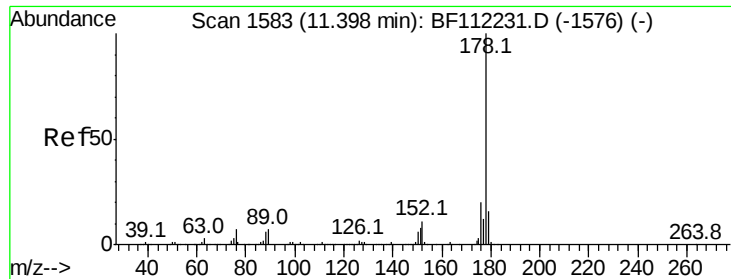
#70
Pentachlorophenol
Concen: 69.843 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	218606		
268	62.5	51.2	76.8	
264	62.6	50.9	76.3	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





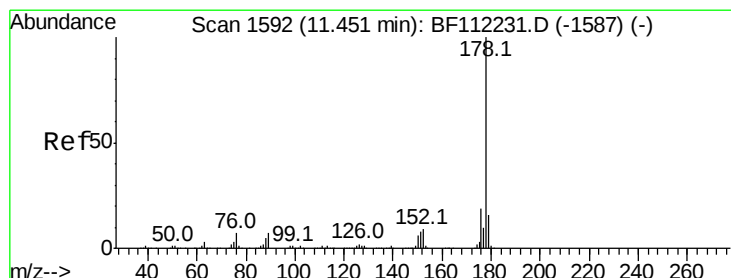
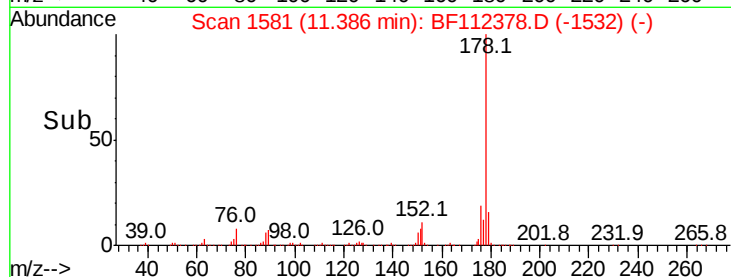
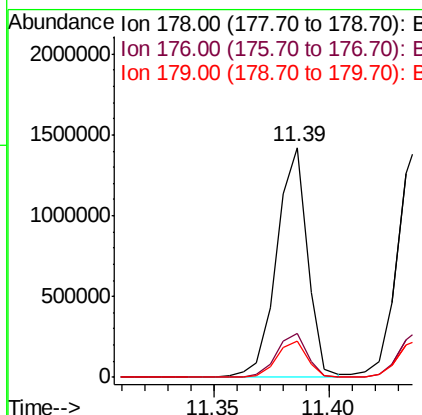
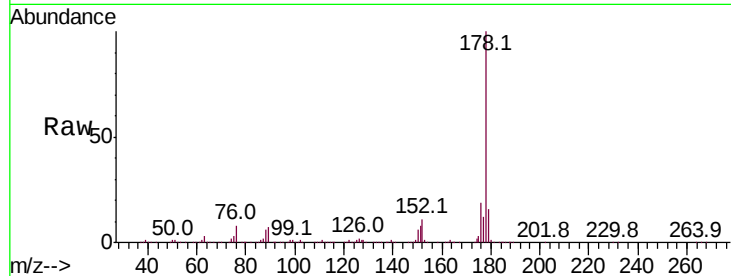
#71
Phenanthrene
Concen: 39.628 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:178 Resp: 1313334
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 15.6 13.0 19.4

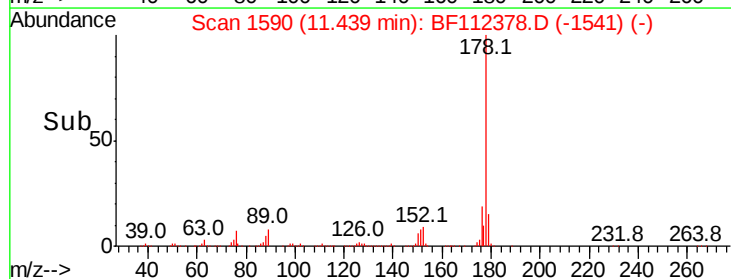
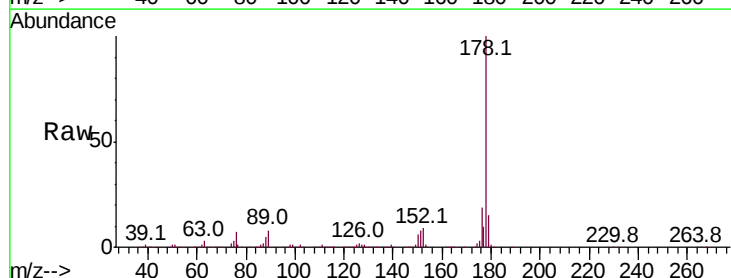
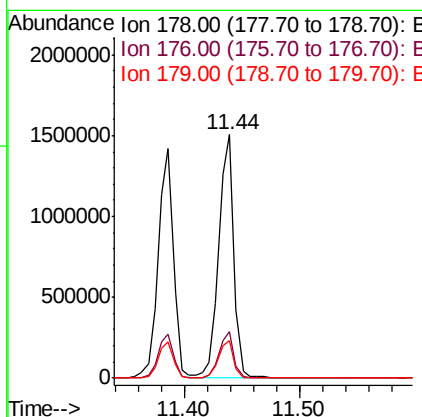
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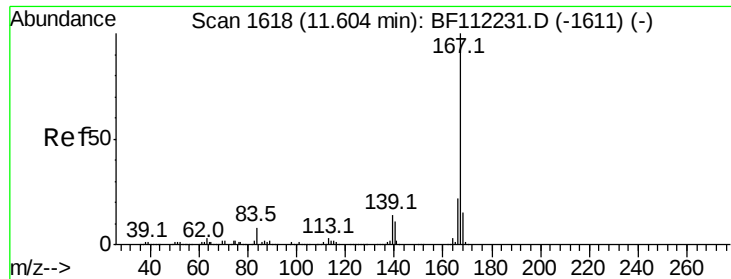
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#72
Anthracene
Concen: 41.610 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:178 Resp: 1373667
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.8 19.2





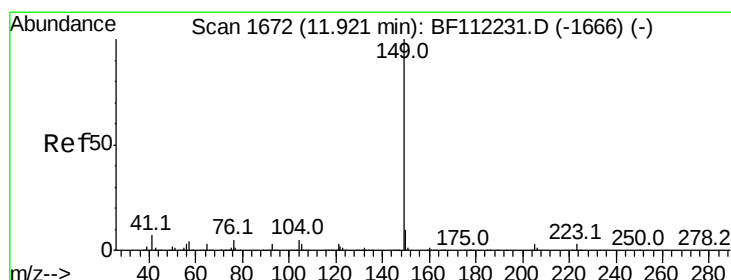
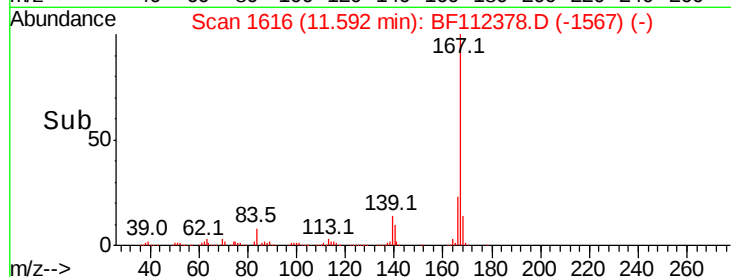
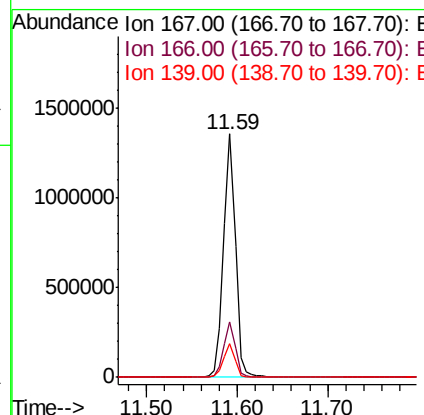
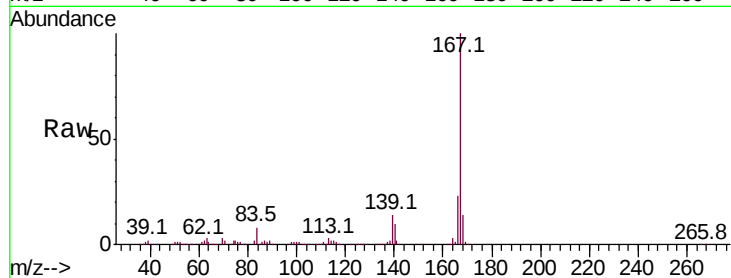
#73
 Carbazole
 Concen: 37.783 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	13.7	10.2	15.2

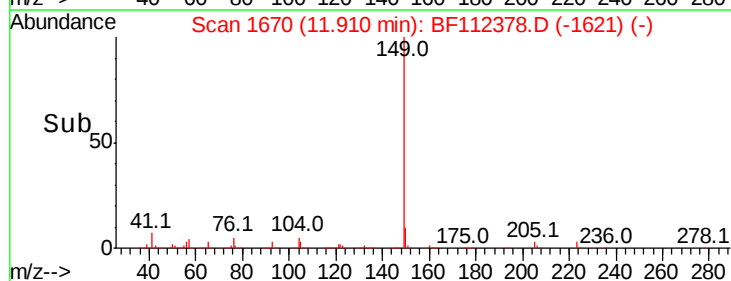
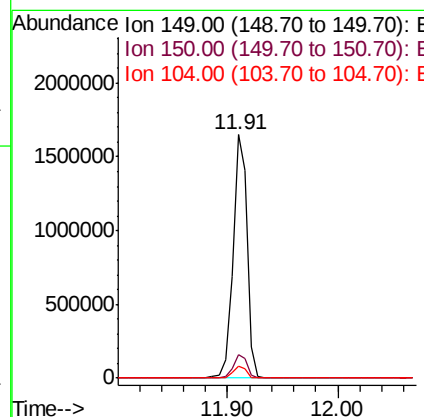
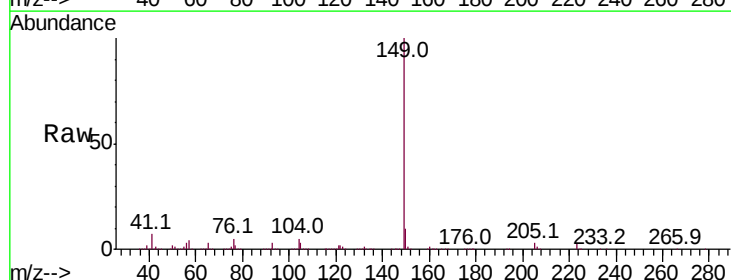
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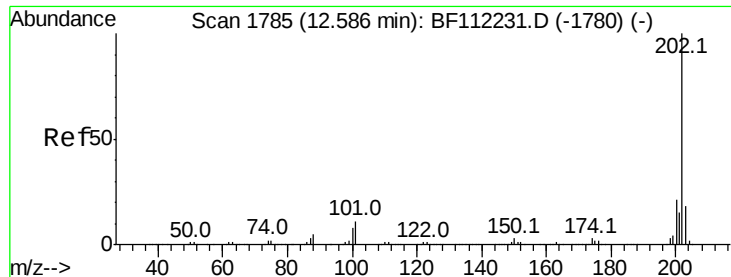
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#74
 Di-n-butylphthalate
 Concen: 36.144 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.1	3.9	5.9





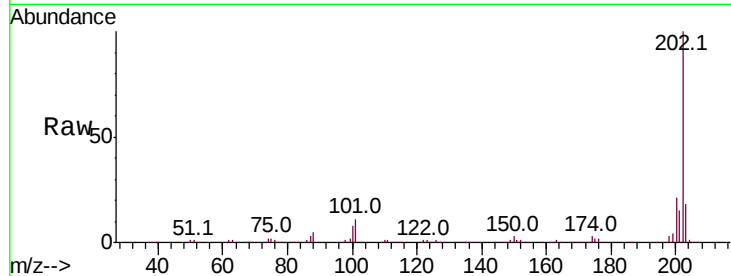
#75
Fluoranthene
 Concen: 39.643 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.8
203	17.7	0.0	38.4

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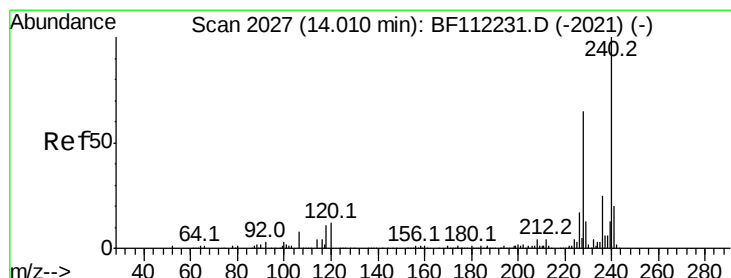
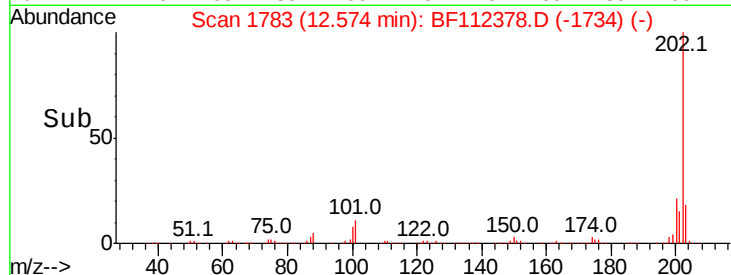
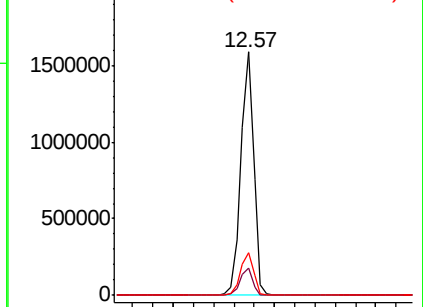


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

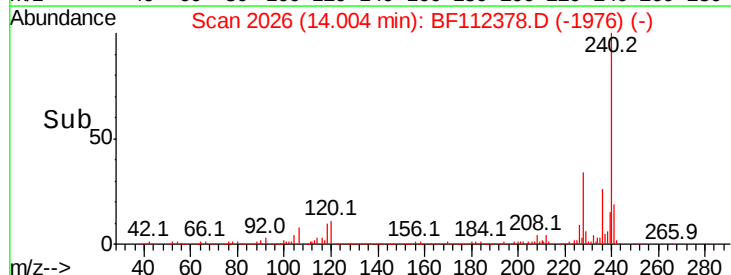
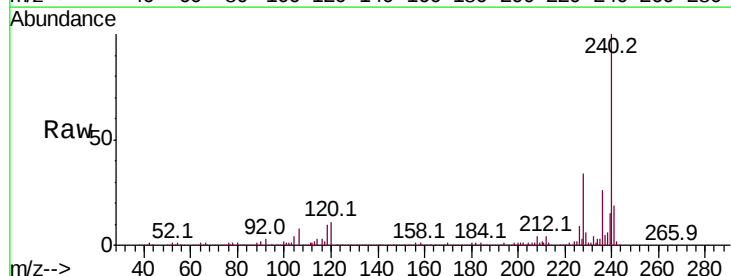
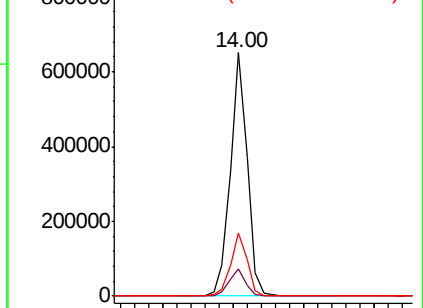
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.7	20.7	31.1

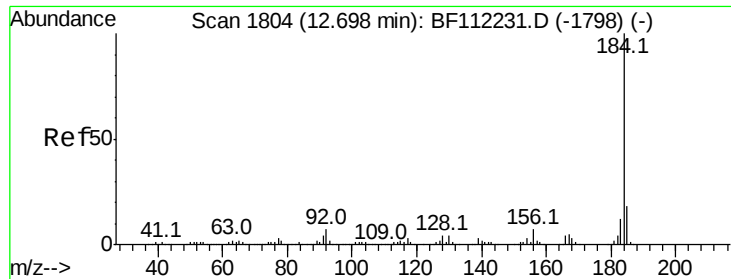
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.786 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

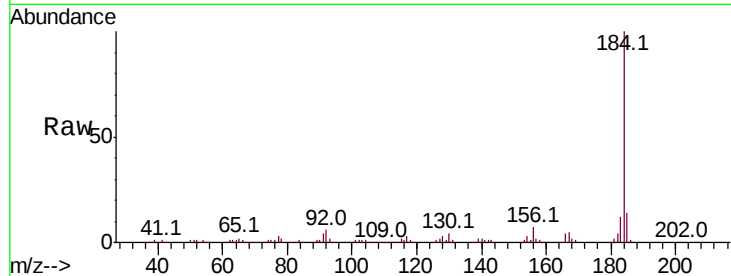
ClientSampleId :

PB116785BS

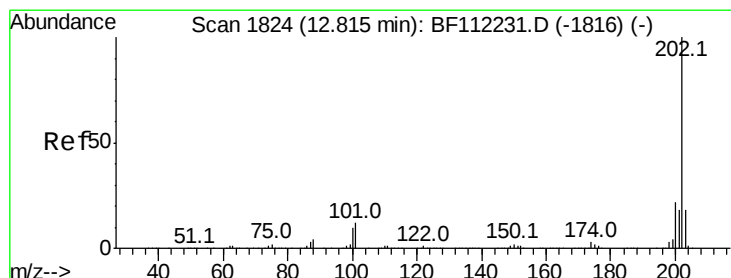
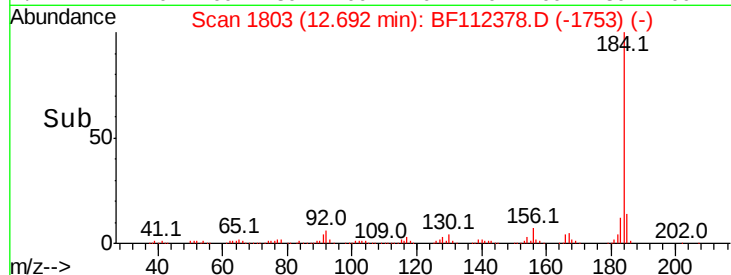
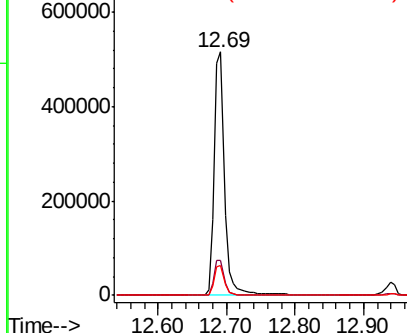
Tot Ion:	184	Resp:	533614
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.9	20.9
183	12.0	10.0	15.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.325 ng

RT: 12.80 min Scan# 1822

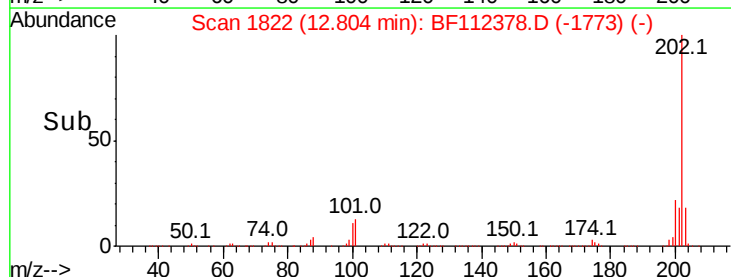
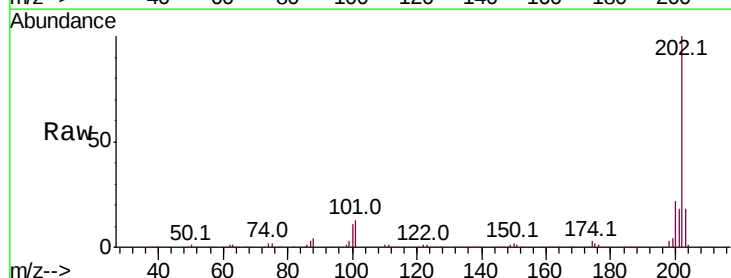
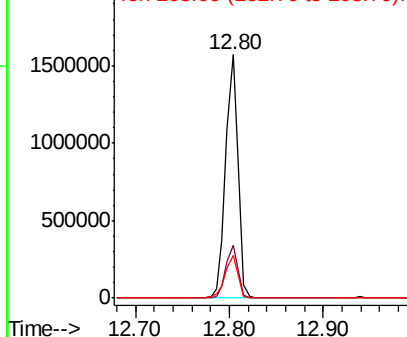
Delta R.T. -0.01 min

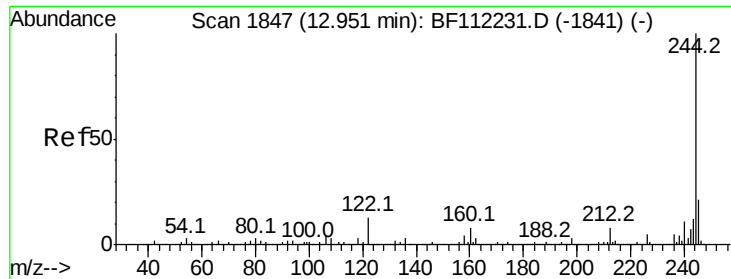
Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Tgt Ion:	202	Resp:	1437512
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	17.8	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





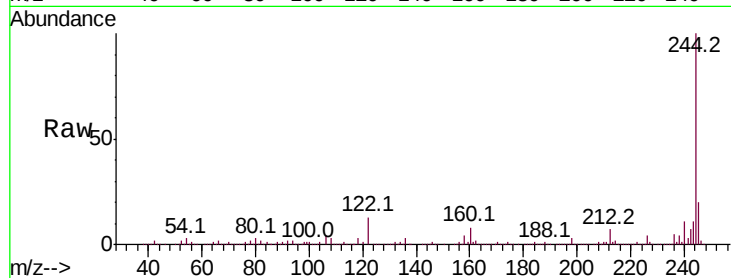
#79
 Terphenyl-d14
 Concen: 71.381 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.5	9.8	14.6

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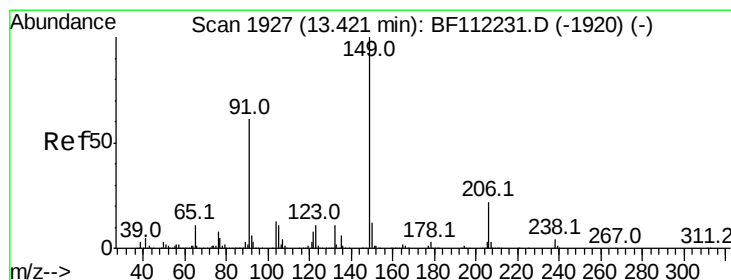
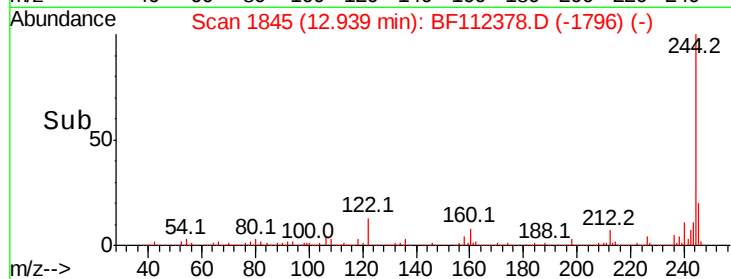
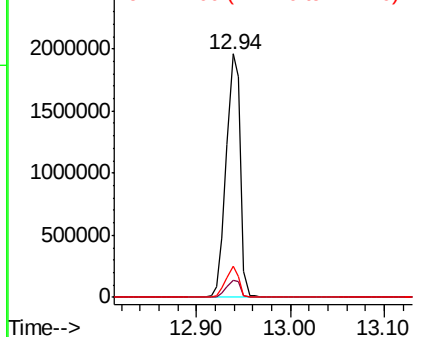


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 35.370 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

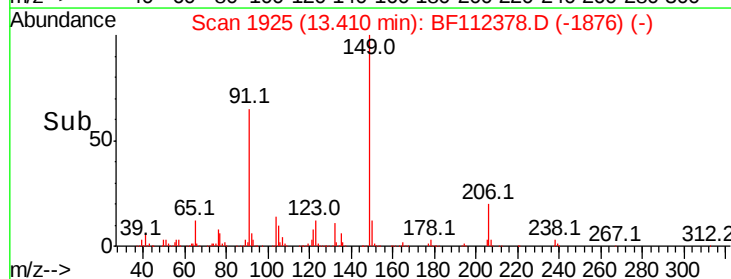
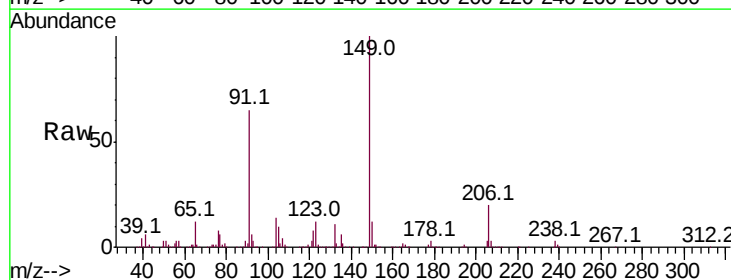
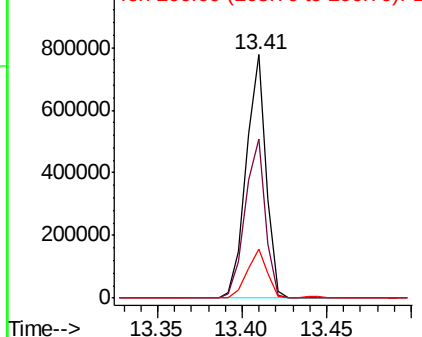
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	50.3	75.5
206	20.4	18.2	27.4

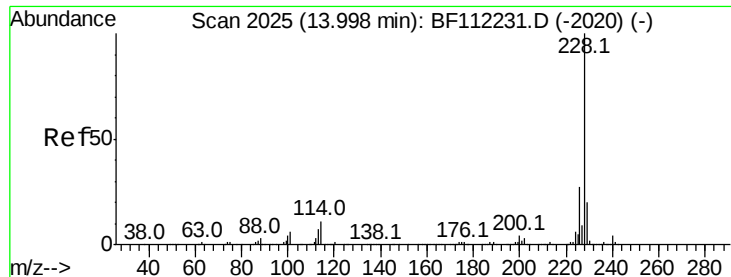
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.916 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

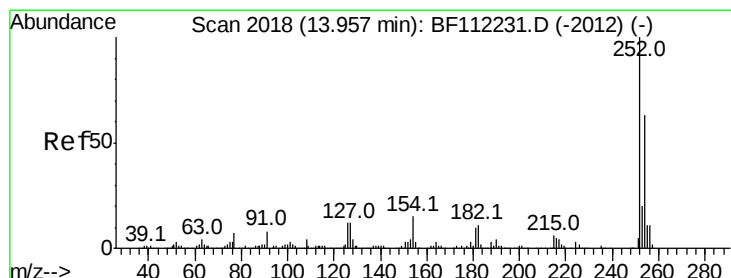
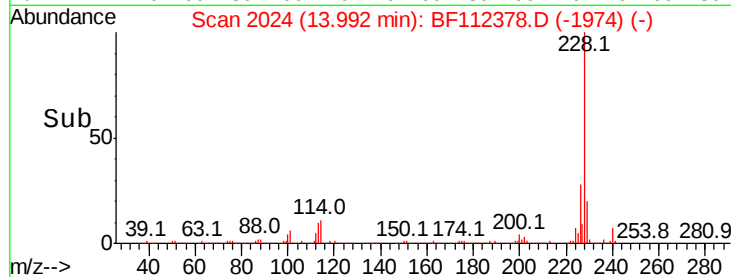
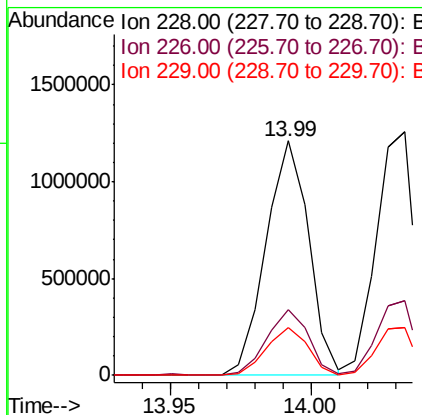
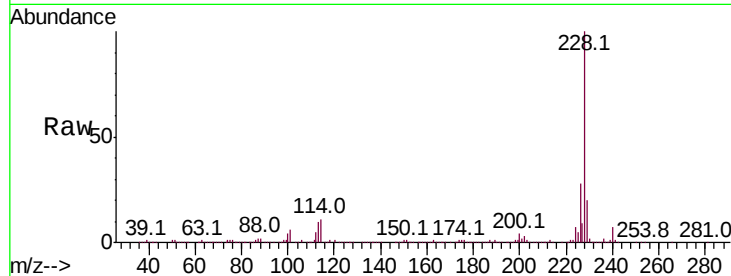
ClientSampleId :

PB116785BS

Tot Ion:	228	Resp:	1271231
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	20.4	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 25.804 ng

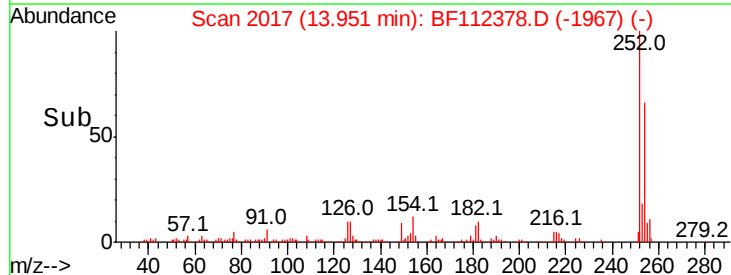
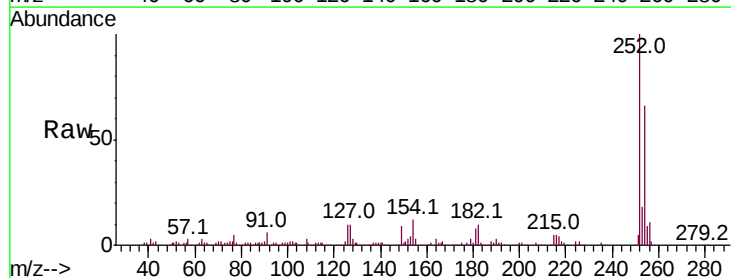
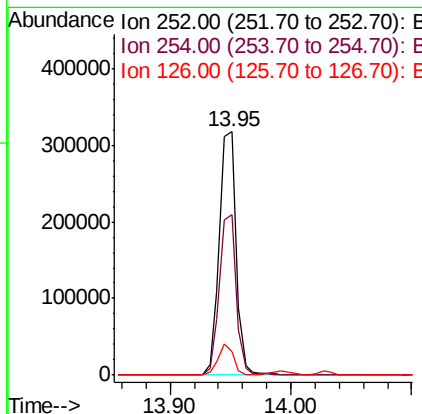
RT: 13.95 min Scan# 2017

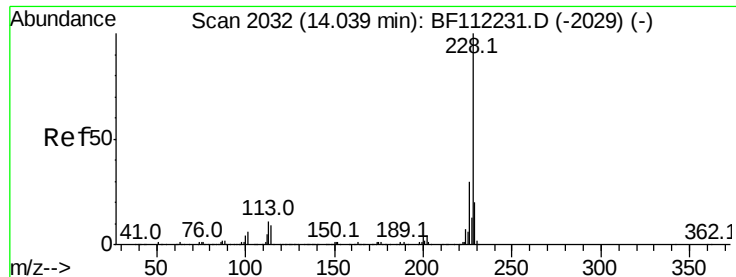
Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Tgt Ion:	252	Resp:	307554
Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.6	77.4
126	9.7	8.6	12.8





#83

Chrvsene

Concen: 39.322 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

Tot Ion:228 Resp: 1195420

Ion Ratio Lower Upper

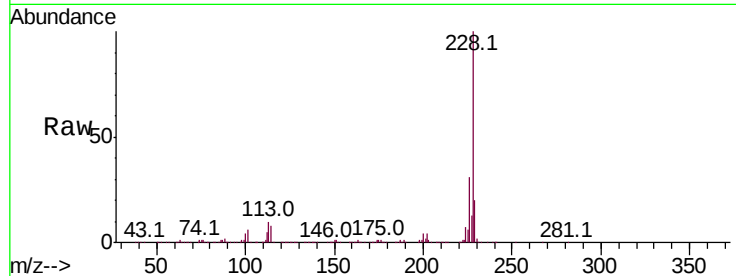
228 100

226 30.6 25.0 37.6

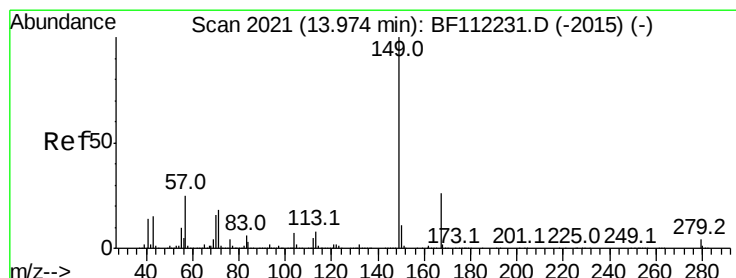
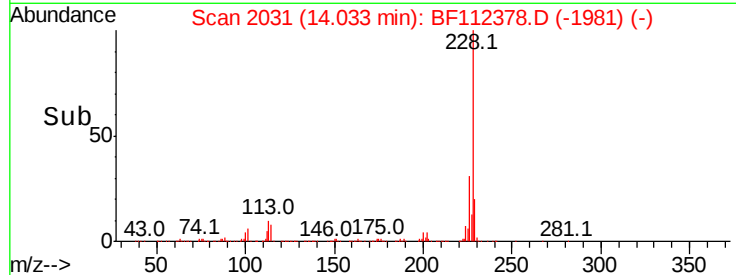
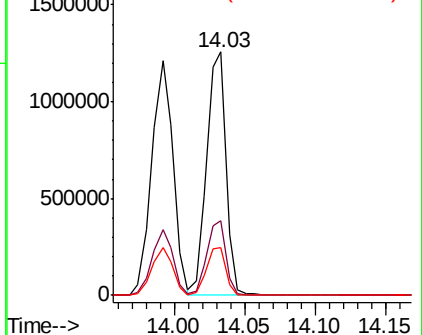
229 19.7 16.6 24.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.500 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

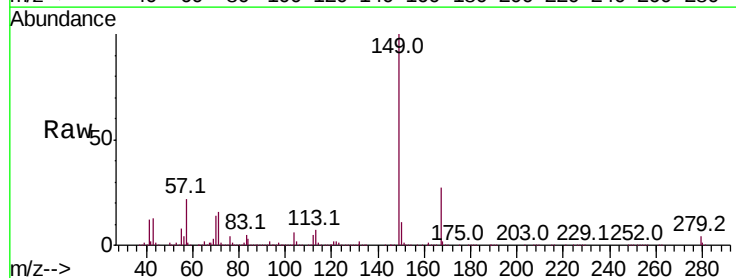
Tgt Ion:149 Resp: 888721

Ion Ratio Lower Upper

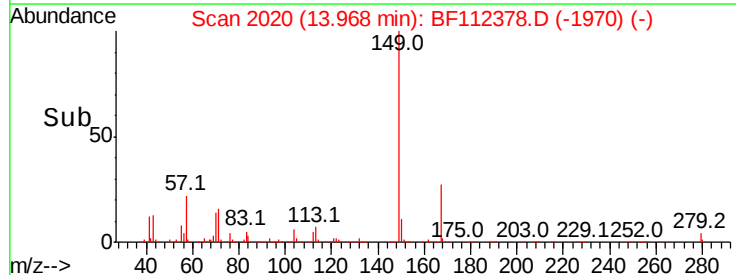
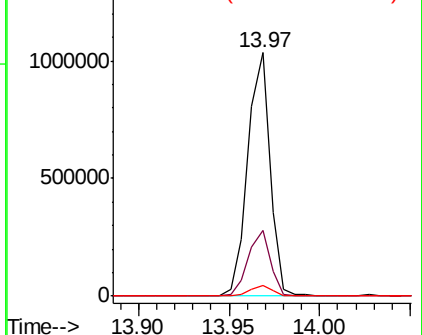
149 100

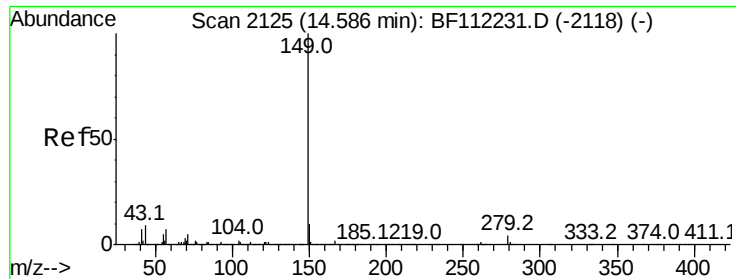
167 27.0 22.5 33.7

279 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.367 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

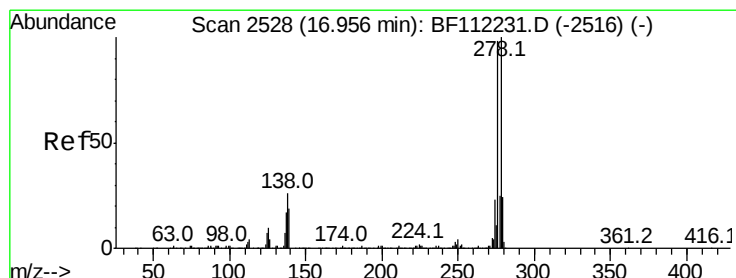
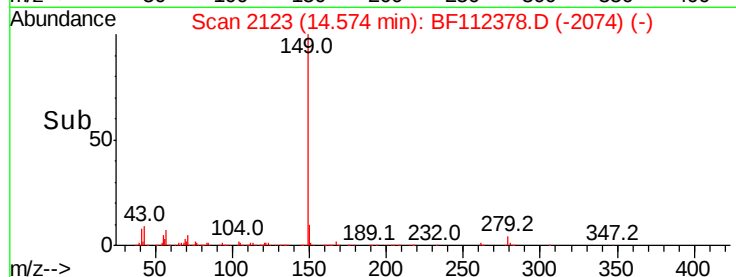
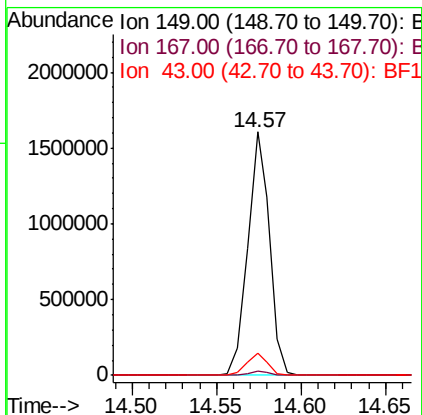
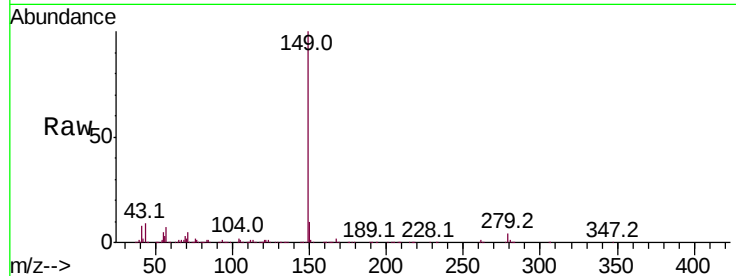
ClientSampleId :

PB116785BS

Tot Ion:	149	Resp:	1441340
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.8	11.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.603 ng

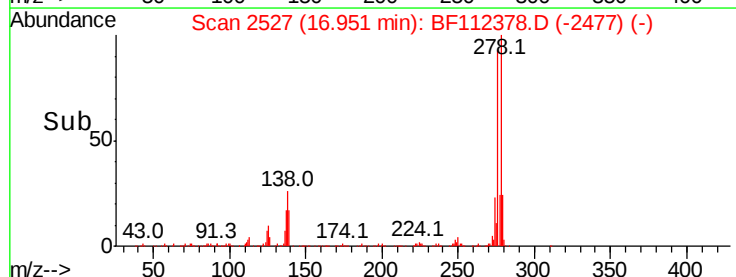
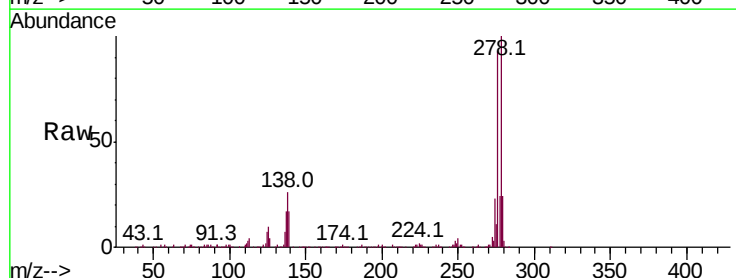
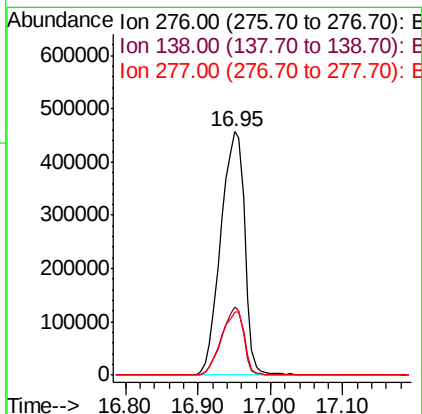
RT: 16.95 min Scan# 2527

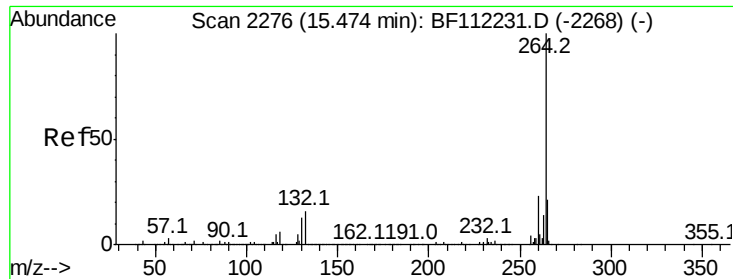
Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Tgt Ion:	276	Resp:	1050349
Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.6	34.0
277	25.5	20.3	30.5





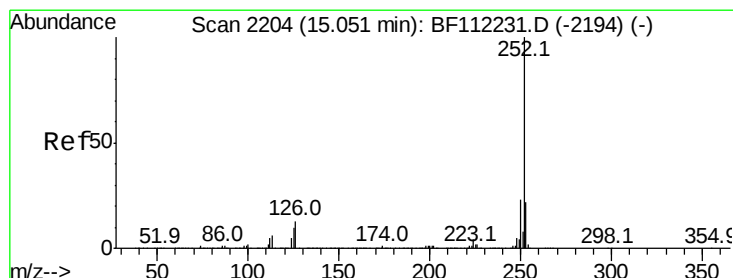
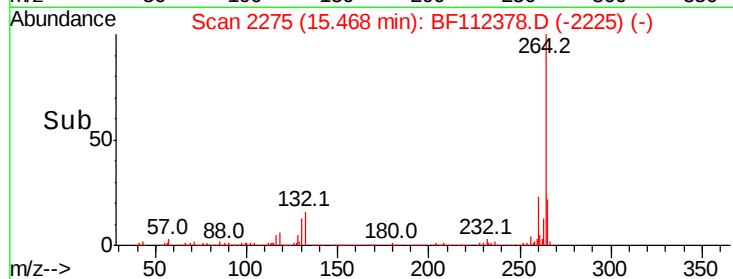
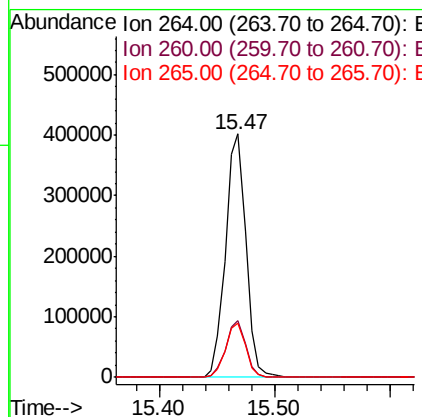
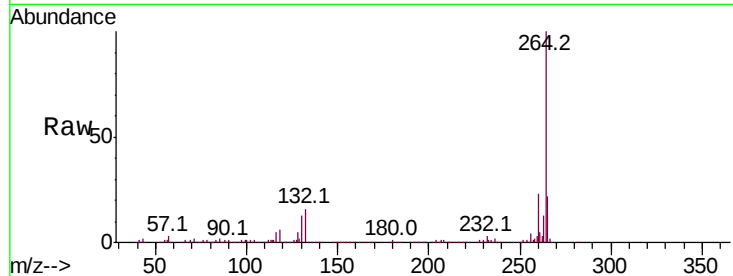
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.4	17.0	25.4

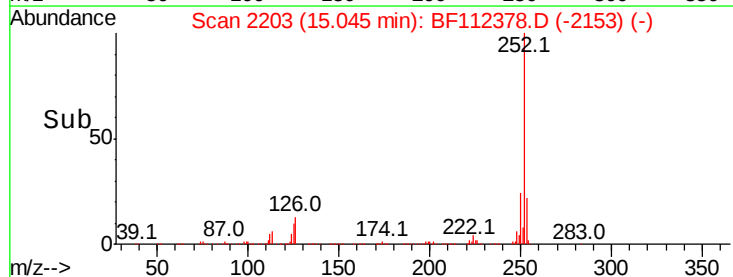
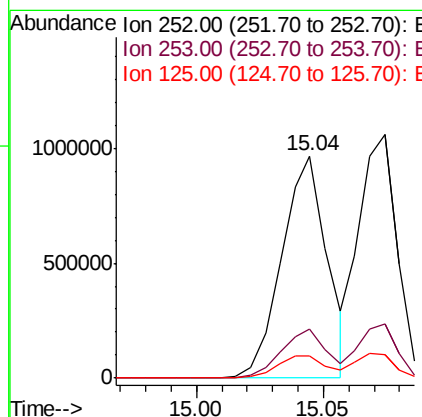
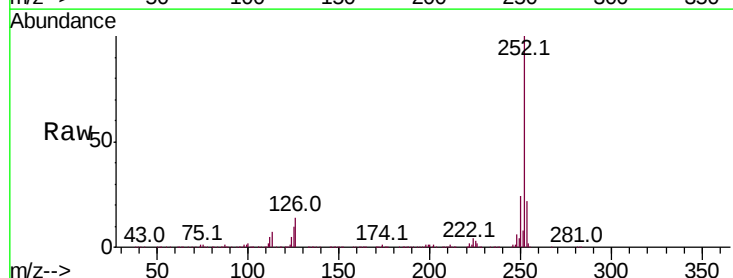
Manual Integrations
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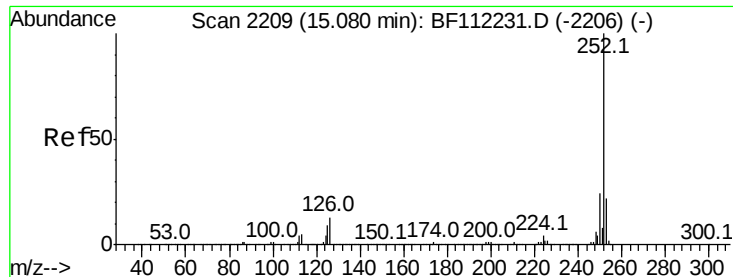
mohammad
2/5/2019 8:42:45 AM



#88
Benzo(b)fluoranthene
Concen: 40.549 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.1	8.7	13.1





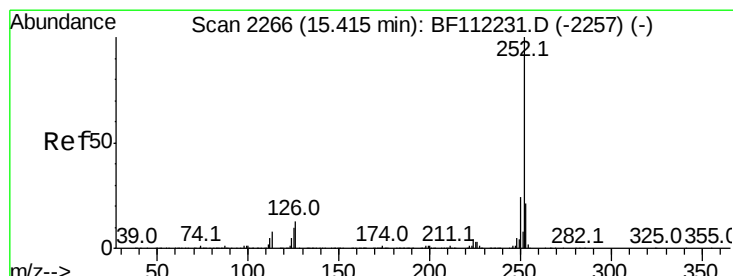
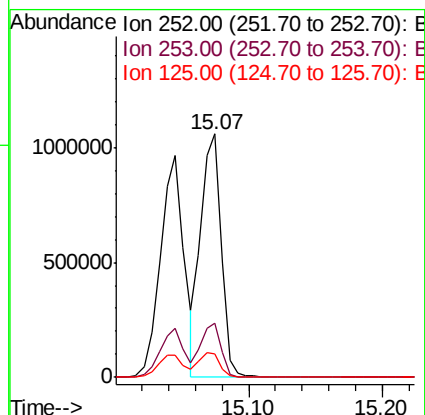
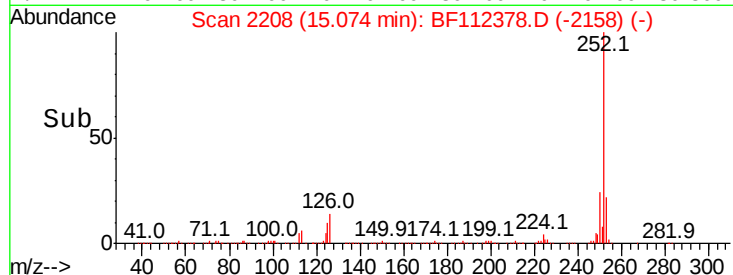
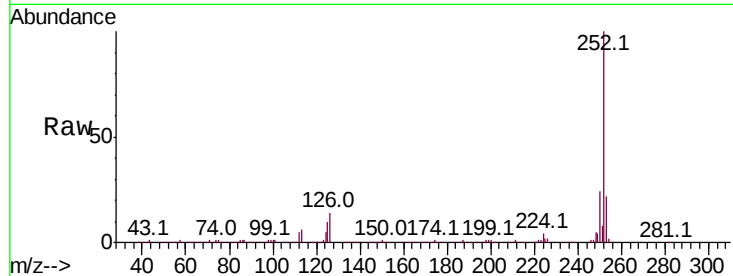
#89
Benzo(k)fluoranthene
Concen: 39.447 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.9	9.1	13.7

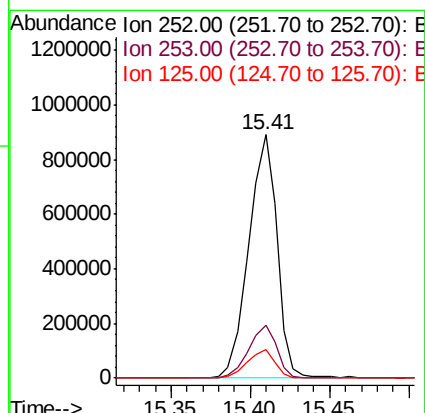
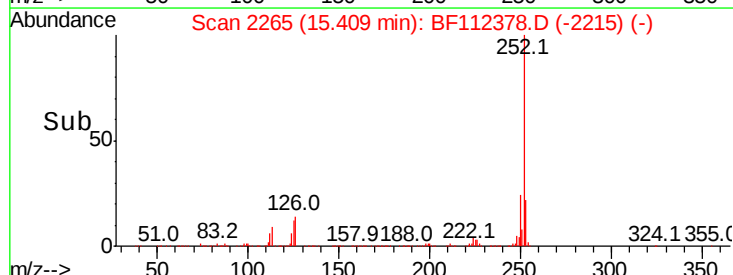
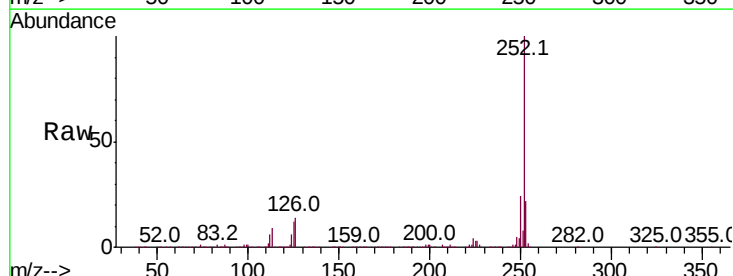
Manual Integrations
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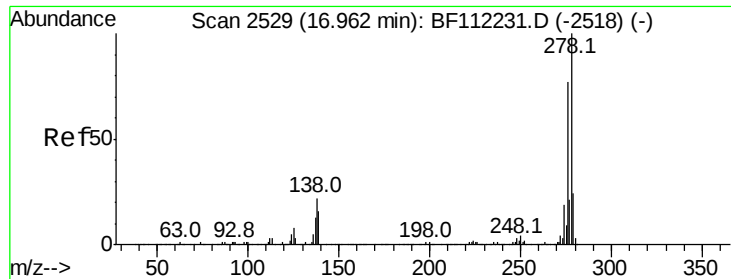
mohammad
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#90
Benzo(a)pyrene
Concen: 41.442 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.7	9.0	13.4





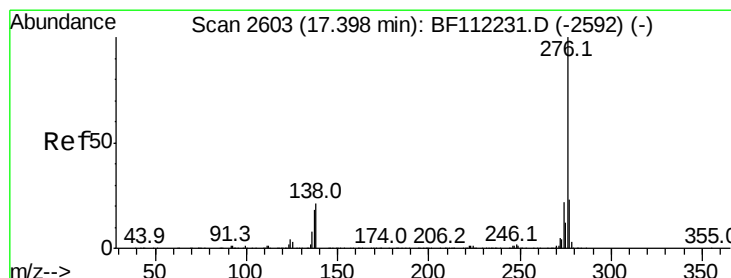
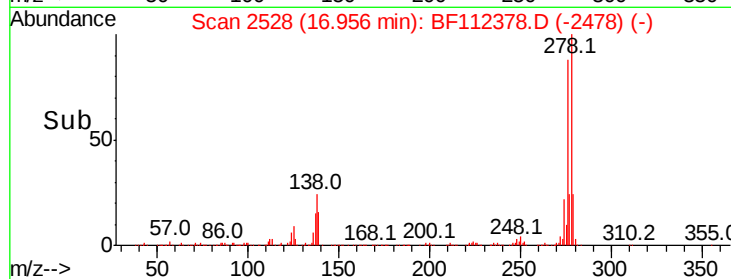
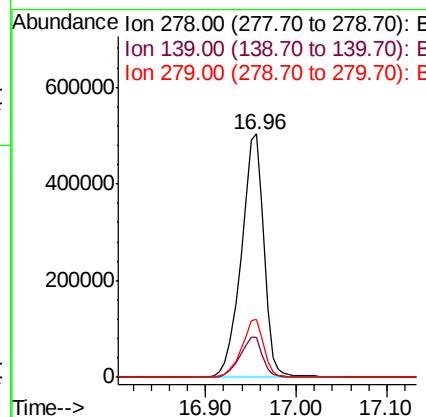
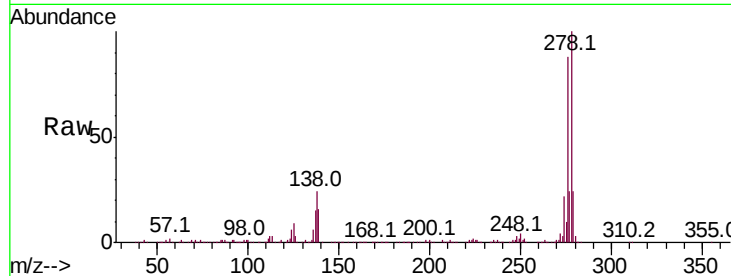
#91
Dibenzo(a,h)anthracene
Concen: 40.864 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.7	20.5
279	23.6	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 41.424 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	23.0	19.1	28.7

