

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112265.D
 Acq On : 28 Jan 2019 10:51
 Operator : JU/SJ
 Sample : PB116607BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Manual Integrations
 APPROVED

mohammad
 1/29/2019 9:34:47 AM

Quant Time: Jan 29 00:14:35 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	6.84	152	184757	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	731881	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	375202	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	730352	20.00	ng	0.00
76) Chrysene-d12	14.01	240	585286	20.00	ng	0.00
87) Perylene-d12	15.47	264	501302	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1231536	141.58	ng	0.00
7) Phenol-d6	6.49	99	1552077	128.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	965020	75.97	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	538561	123.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2063608	77.79	ng	0.00
79) Terphenyl-d14	12.95	244	2289612	73.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	278353	80.332	ng	96
3) Pyridine	3.45	79	446233	50.627	ng	99
4) n-Nitrosodimethylamine	3.40	42	199065	53.756	ng	98
6) Aniline	6.50	93	421548	29.319	ng	# 29
8) 2-Chlorophenol	6.64	128	495439	42.340	ng	97
9) Benzaldehyde	6.39	77	105636	16.721	ng	96
10) Phenol	6.50	94	551724	41.607	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	441651	42.305	ng	98
12) 1,3-Dichlorobenzene	6.79	146	541337	39.724	ng	99
13) 1,4-Dichlorobenzene	6.86	146	551090	39.294	ng	99
14) 1,2-Dichlorobenzene	7.02	146	517636	39.421	ng	98
15) Benzyl Alcohol	6.99	79	405313	39.780	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	557167	41.566	ng	76
17) 2-Methylphenol	7.10	107	386821	41.701	ng	96
18) Hexachloroethane	7.35	117	194554	39.504	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	333031	39.959	ng	100
20) 3+4-Methylphenols	7.26	107	503604	42.456	ng	# 84
22) Acetophenone	7.25	105	660163	37.043	ng	# 97
24) Nitrobenzene	7.42	77	498213	39.274	ng	98
25) Isophorone	7.66	82	901820	45.257	ng	99
26) 2-Nitrophenol	7.74	139	273944	40.409	ng	94
27) 2,4-Dimethylphenol	7.79	122	431219	46.168	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	567282	41.810	ng	99
29) 2,4-Dichlorophenol	7.99	162	440214	42.116	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	478231	39.804	ng	99
31) Naphthalene	8.15	128	1451325	42.404	ng	99
32) Benzoic acid	7.92	122	201551	37.829	ng	93
33) 4-Chloroaniline	8.19	127	353964	23.752	ng	99
34) Hexachlorobutadiene	8.26	225	265943	37.720	ng	98
35) Caprolactam	8.56	113	135703m	36.802	ng	
36) 4-Chloro-3-methylphenol	8.69	107	439183	39.690	ng	100
37) 2-Methylnaphthalene	8.84	142	1038602	44.327	ng	97
38) 1-Methylnaphthalene	8.94	142	974240	43.381	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	478682	38.857	ng	98

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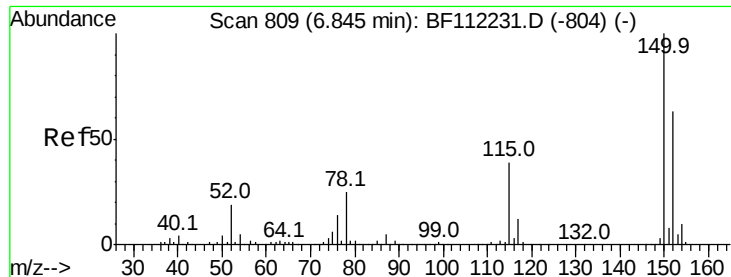
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	354174	76.351	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	298632	39.326	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	313759	39.534	nq	96
46) 1,1'-Biphenyl	9.30	154	1273098	38.812	nq	98
47) 2-Chloronaphthalene	9.33	162	978599	38.472	nq	97
48) 2-Nitroaniline	9.43	65	263745	38.042	nq	99
49) Acenaphthylene	9.75	152	1546834	41.490	nq	98
50) Dimethylphthalate	9.60	163	1158773	39.750	nq	99
51) 2,6-Dinitrotoluene	9.66	165	259323	39.720	nq #	85
52) Acenaphthene	9.92	154	882613	39.630	nq	99
53) 3-Nitroaniline	9.83	138	176969	25.020	nq	92
54) 2,4-Dinitrophenol	9.96	184	189995	90.678	nq	93
55) Dibenzofuran	10.09	168	1355496	39.827	nq	96
56) 4-Nitrophenol	10.02	139	293249	78.420	nq	98
57) 2,4-Dinitrotoluene	10.07	165	336571	40.494	nq #	89
58) Fluorene	10.43	166	1086585	42.663	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	276302	46.069	nq	97
60) Diethylphthalate	10.30	149	1149433	39.732	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	530668	38.303	nq	93
62) 4-Nitroaniline	10.45	138	260700	37.577	nq	96
63) Azobenzene	10.58	77	1002395	39.398	nq	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	142879	34.893	nq	96
66) n-Nitrosodiphenylamine	10.54	169	963800	39.155	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	331538	38.596	nq	94
68) Hexachlorobenzene	10.99	284	353395	38.346	nq	98
69) Atrazine	11.06	200	323695	40.755	nq	95
70) Pentachlorophenol	11.18	266	265760	74.110	nq	98
71) Phenanthrene	11.39	178	1557121	41.009	nq	98
72) Anthracene	11.45	178	1612119	42.623	nq	100
73) Carbazole	11.60	167	1412589	37.862	nq	99
74) Di-n-butylphthalate	11.92	149	1779629	38.429	nq	99
75) Fluoranthene	12.58	202	1651907	40.563	nq	100
77) Benzidine	12.70	184	632642	39.272	nq	97
78) Pyrene	12.81	202	1648515	40.682	nq	100
80) Butylbenzylphthalate	13.42	149	769776	39.264	nq	92
81) Benzo(a)anthracene	14.00	228	1437443	41.779	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	352152	27.349	nq	99
83) Chrysene	14.03	228	1353856	41.223	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1101464	39.579	nq	98
85) Di-n-octyl phthalate	14.58	149	1738834	40.611	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1164855	44.761	nq	98
88) Benzo(b)fluoranthene	15.04	252	1351523	45.080	nq	100
89) Benzo(k)fluoranthene	15.07	252	1137128	39.598	nq	100
90) Benzo(a)pyrene	15.42	252	1182712	43.843	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	974320	44.815	nq	100
92) Benzo(g,h,i)perylene	17.40	276	941112	45.882	nq	97

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



#1

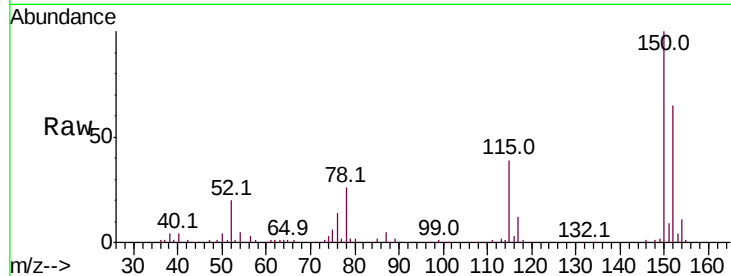
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.4	191.0
115	60.9	45.5	68.3

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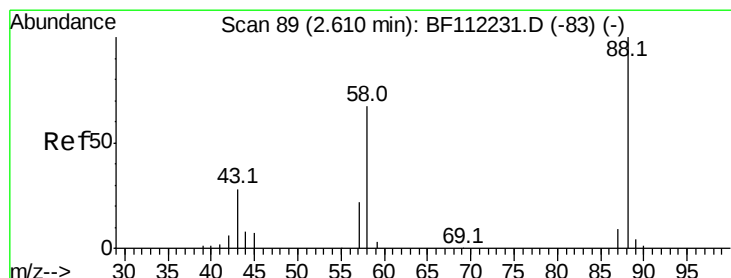
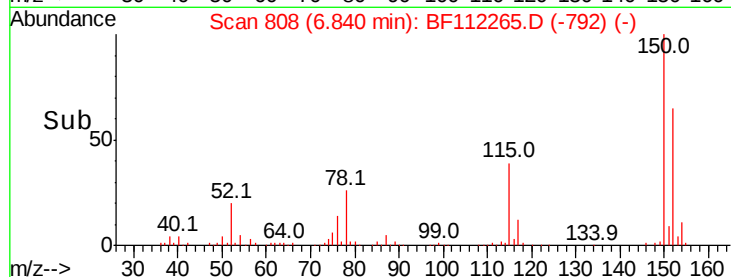
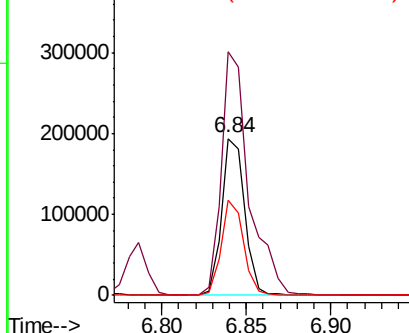


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

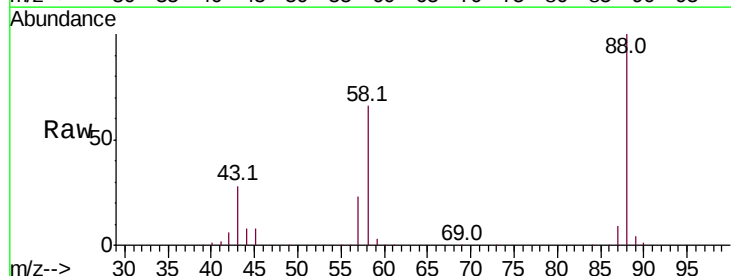
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 80.332 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.09 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	57.4	86.2
43	28.4	22.2	33.4

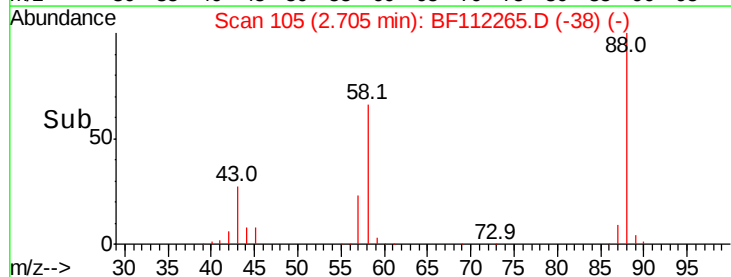
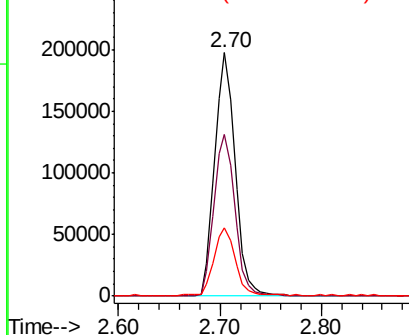


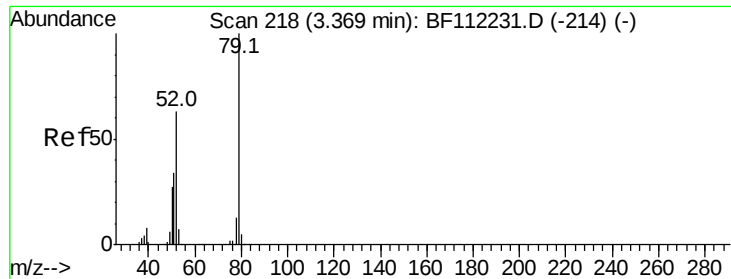
Abundance

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: 50.627 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

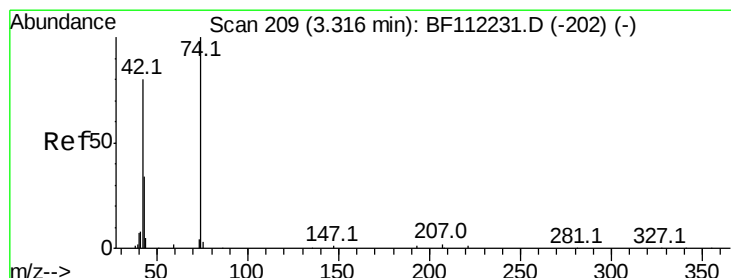
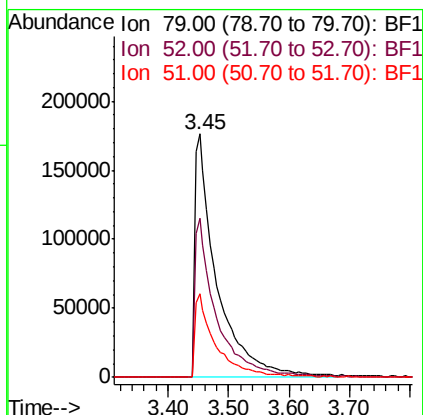
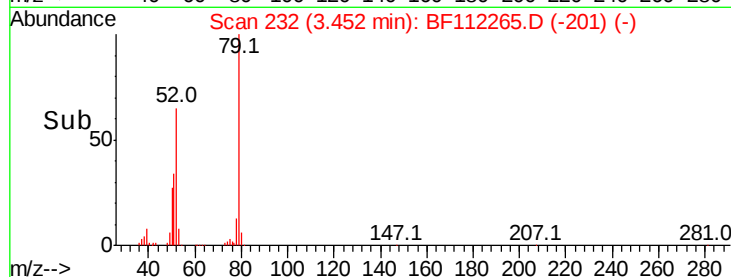
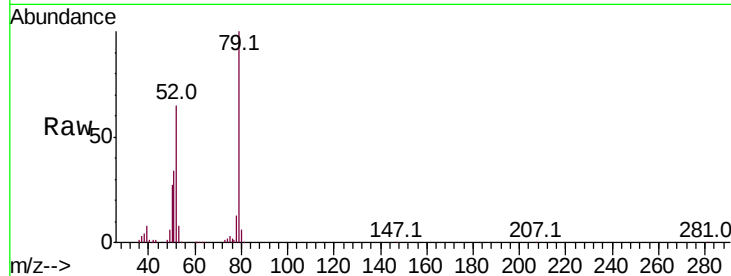
ClientSampleId :

PB116607BSD

Tot Ion:	79	Resp:	446233
Ion Ratio	Lower	Upper	
79	100		
52	65.4	52.4	78.6
51	34.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 53.756 ng

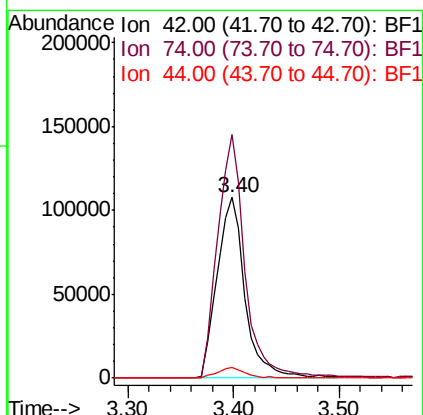
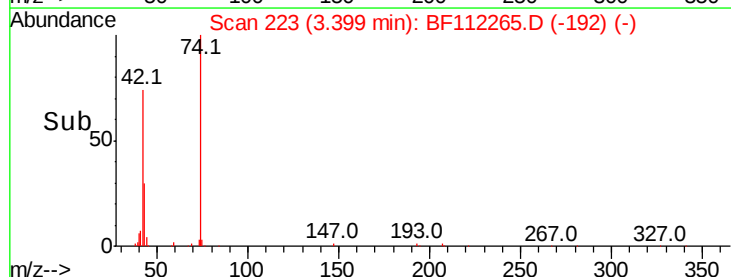
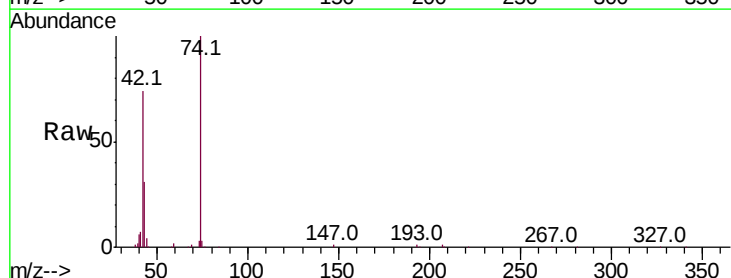
RT: 3.40 min Scan# 223

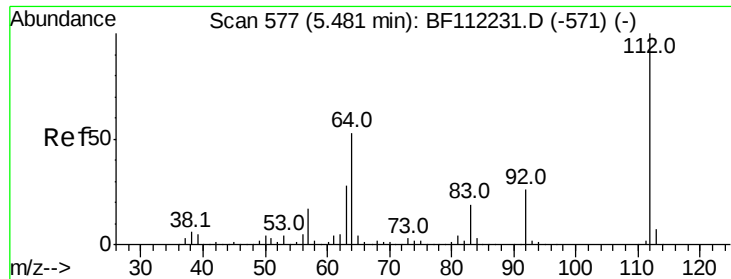
Delta R.T. 0.08 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:	42	Resp:	199065
Ion Ratio	Lower	Upper	
42	100		
74	134.7	105.6	158.4
44	5.9	5.4	8.2





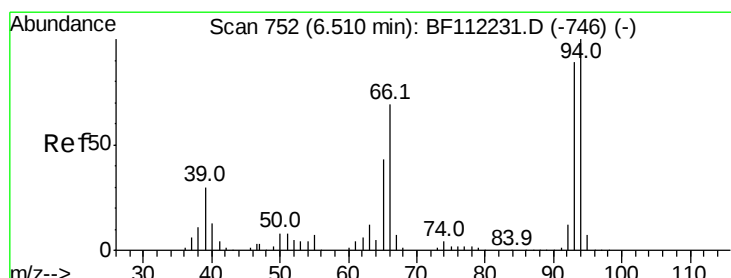
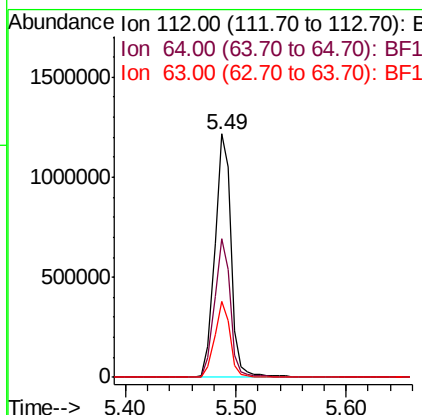
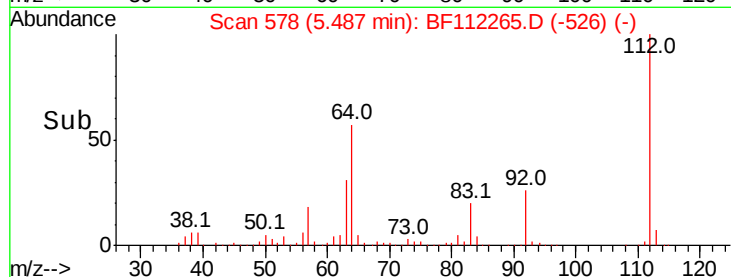
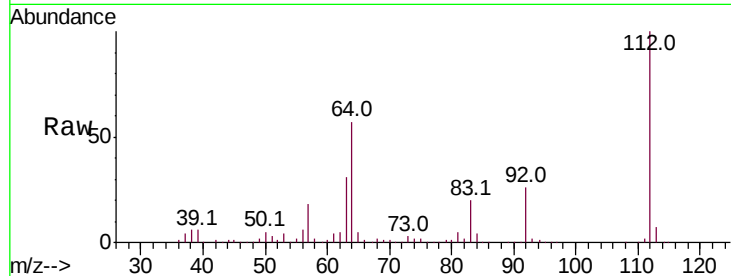
#5
 2-Fluorophenol
 Concen: 141.584 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.7	68.5
63	31.1	23.6	35.4

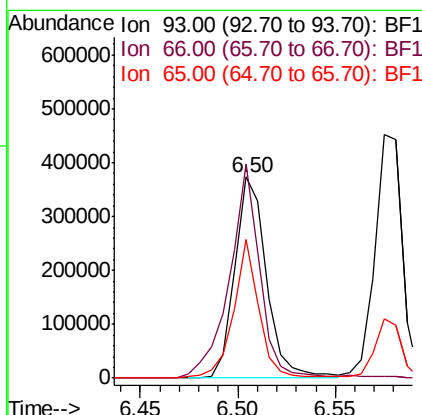
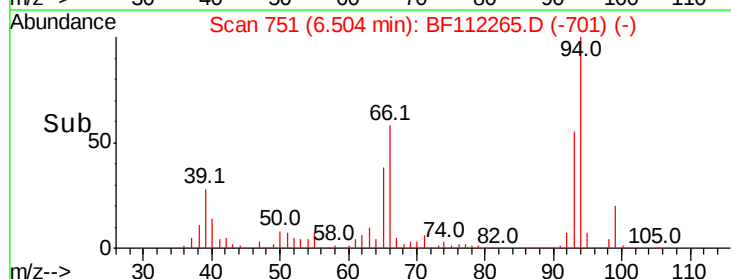
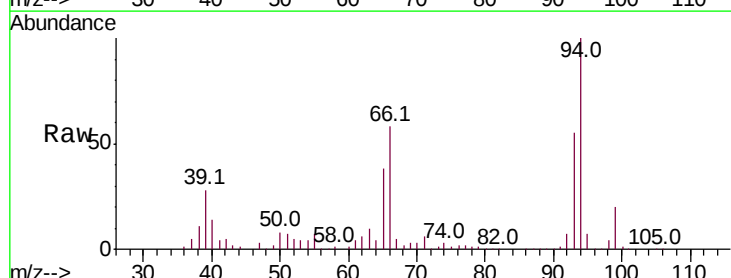
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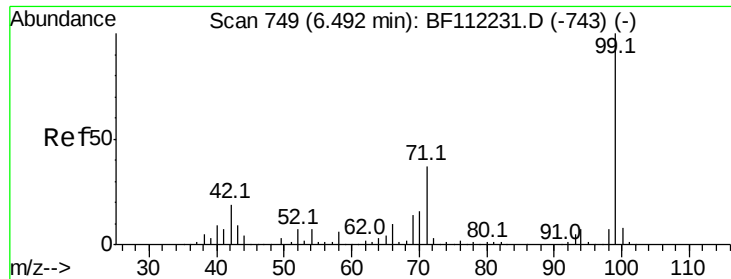
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#6
 Aniline
 Concen: 29.319 ng
 RT: 6.50 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
66	106.8	43.4	65.2#
65	68.8	25.3	37.9#





#7

Phenol-d6

Concen: 128.412 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion: 99 Resp: 1552077

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

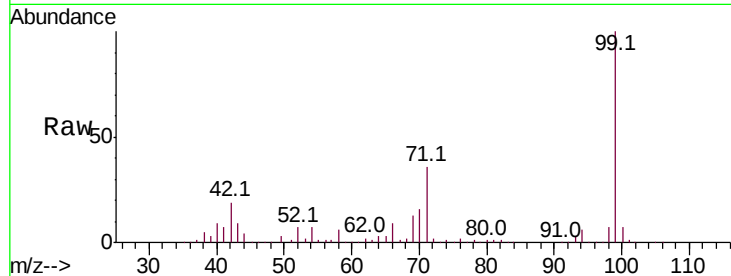
71 35.8 26.9 40.3

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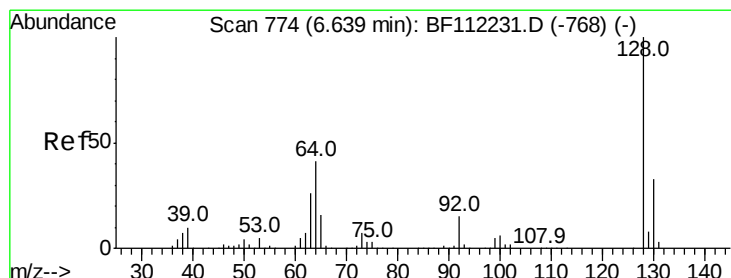
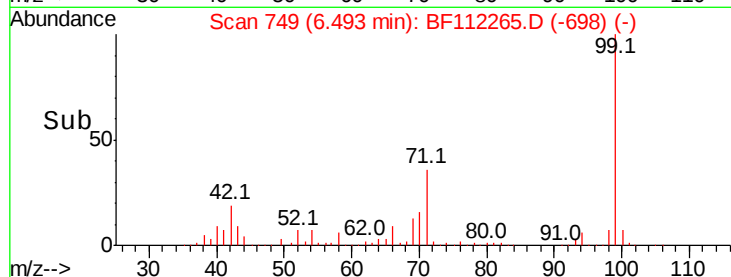
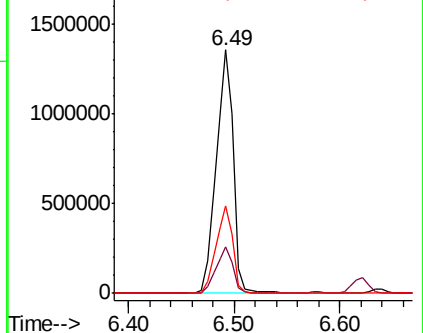
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.340 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

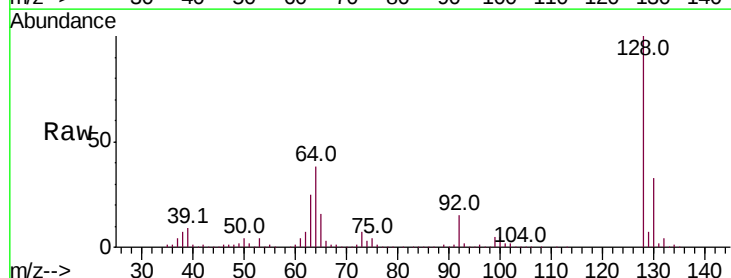
Tgt Ion:128 Resp: 495439

Ion Ratio Lower Upper

128 100

130 32.8 13.4 53.4

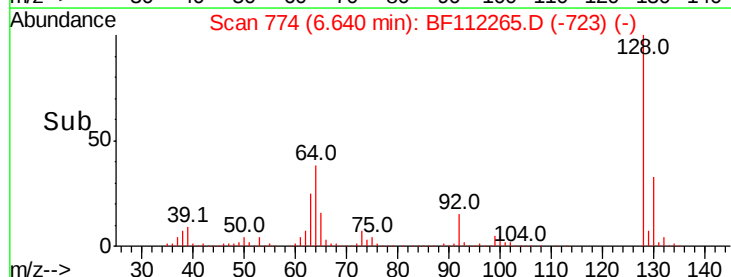
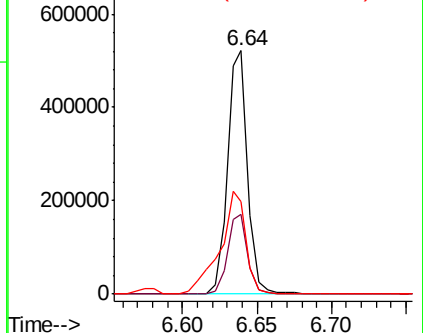
64 38.1 20.5 60.5

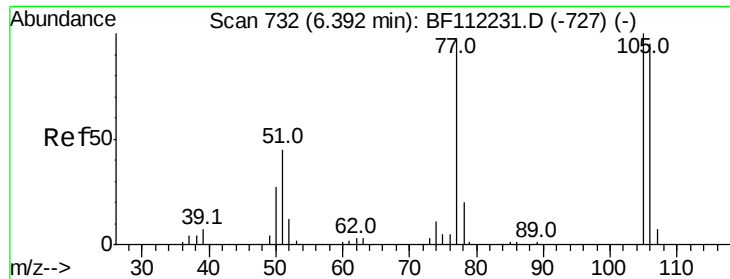


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.721 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

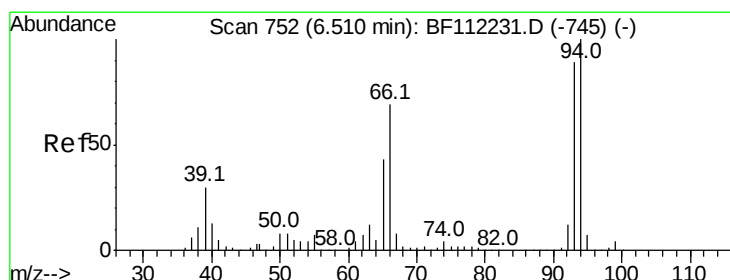
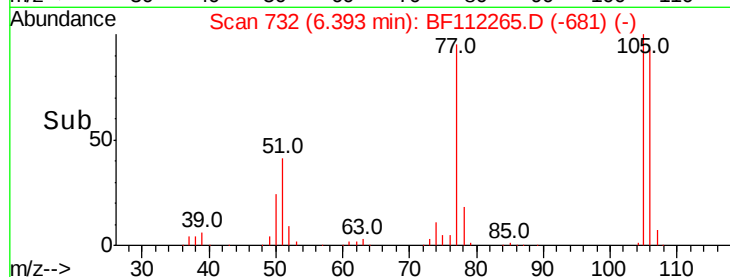
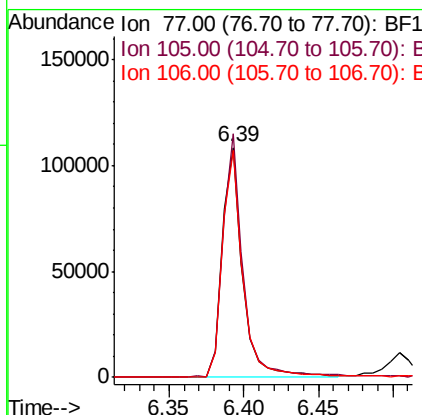
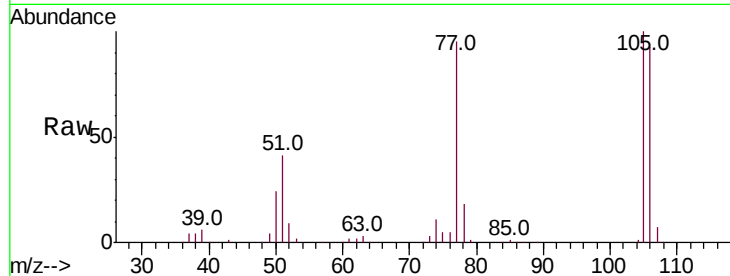
ClientSampleId :

PB116607BSD

Tot Ion:	77	Resp:	105636
Ion	Ratio	Lower	Upper
77	100		
105	105.8	80.8	120.8
106	98.7	75.7	115.7

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#10

Phenol

Concen: 41.607 ng

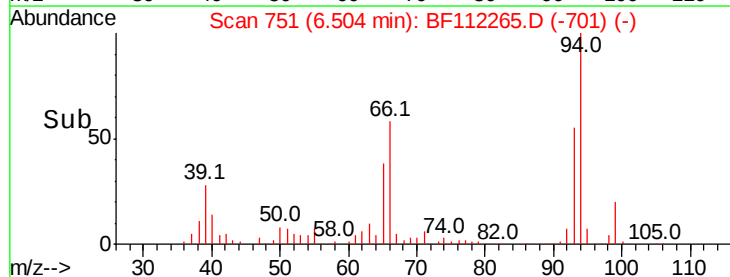
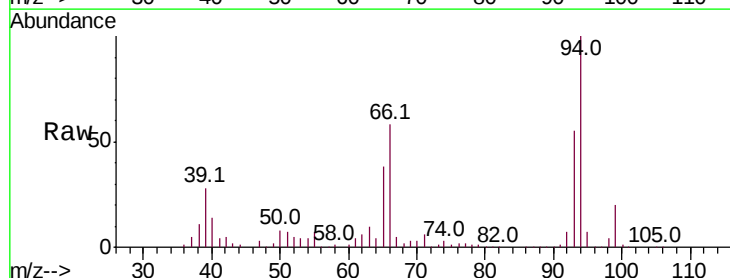
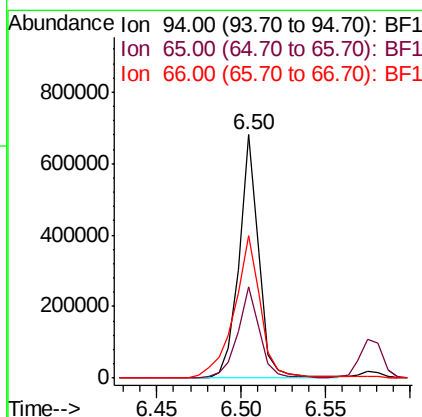
RT: 6.50 min Scan# 751

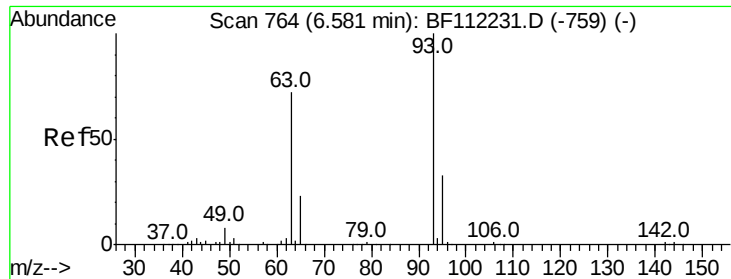
Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:	94	Resp:	551724
Ion	Ratio	Lower	Upper
94	100		
65	37.7	20.3	60.3
66	58.5	42.4	82.4





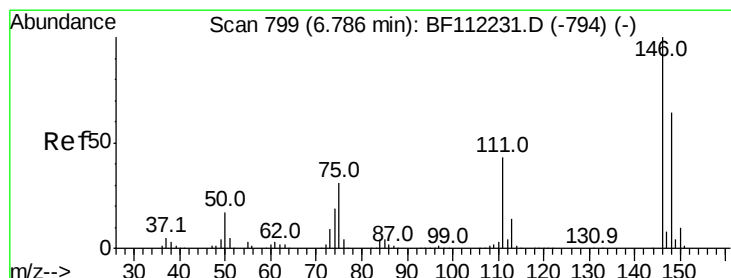
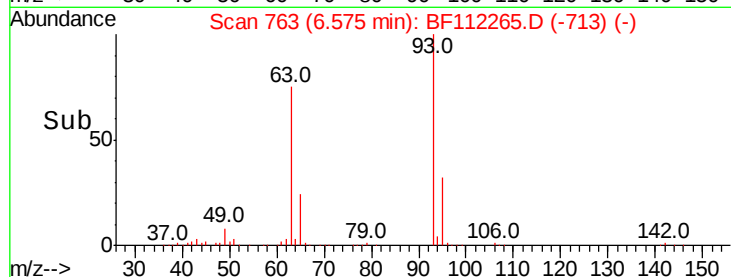
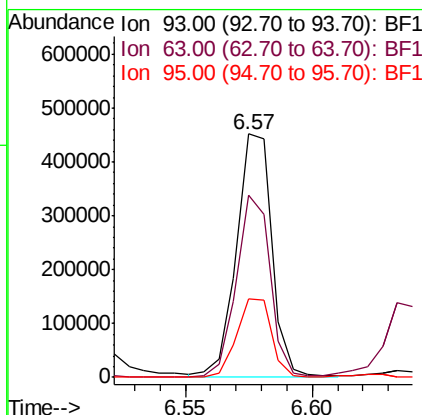
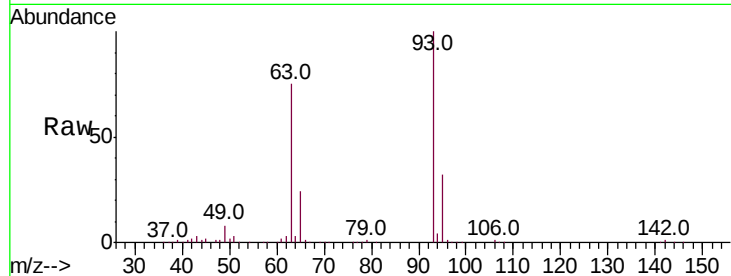
#11
bis(2-Chloroethyl)ether
Concen: 42.305 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	93	Resp	441651
Ion Ratio	100	Lower	Upper
93	100		
63	74.8	53.3	93.3
95	32.1	13.4	53.4

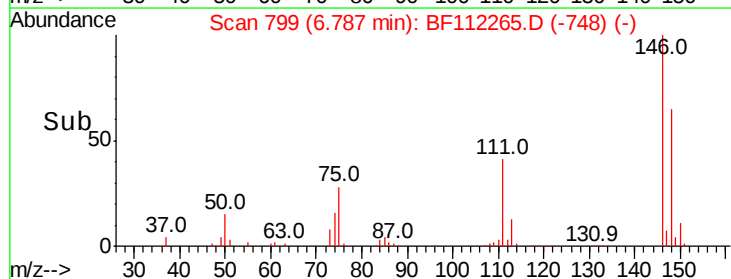
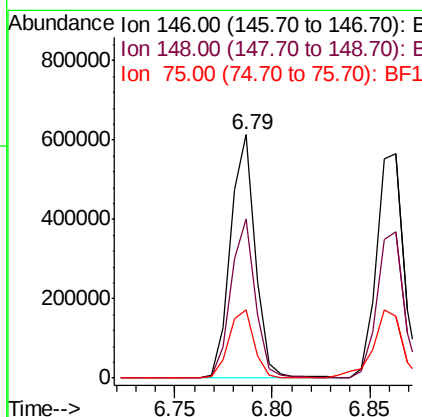
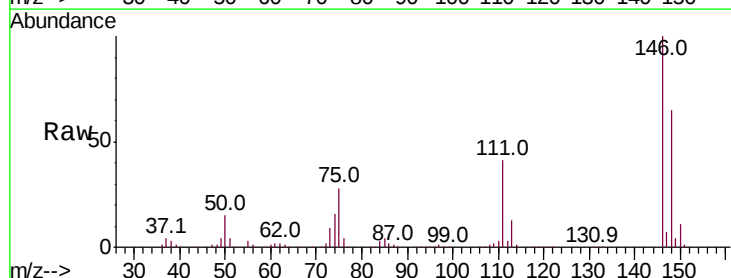
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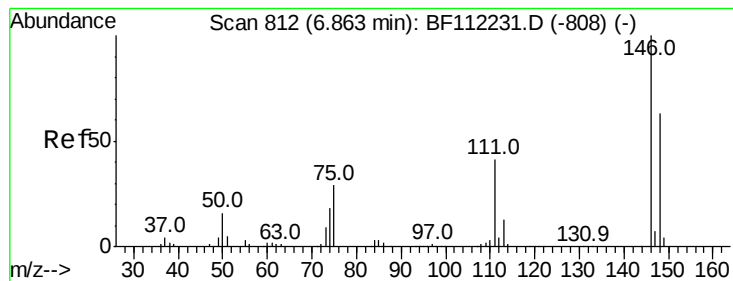
mohammad
1/29/2019 9:34:47 AM



#12
1,3-Dichlorobenzene
Concen: 39.724 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	146	Resp	541337
Ion Ratio	100	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	28.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.294 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

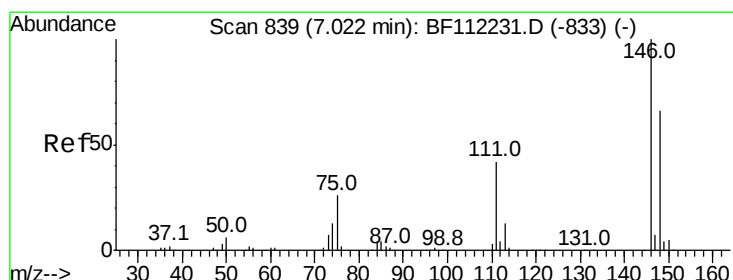
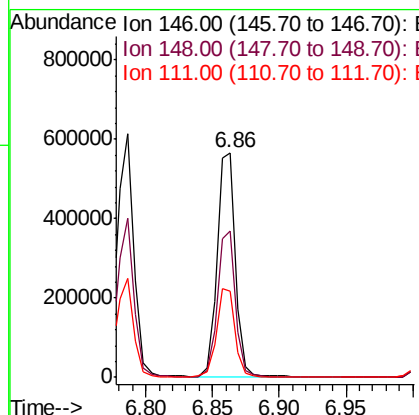
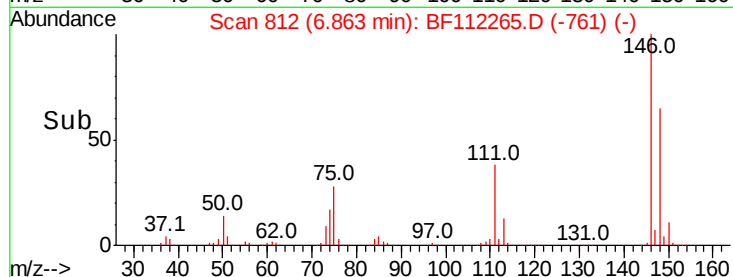
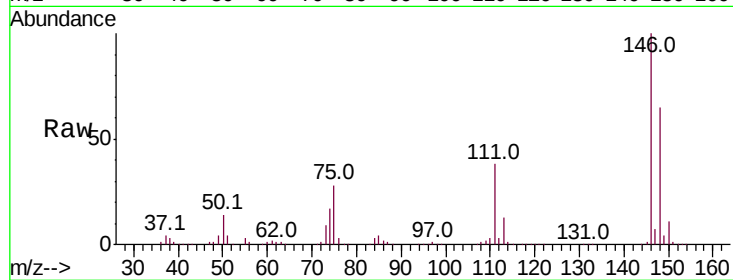
ClientSampleId :

PB116607BSD

Tot Ion:	146	Resp:	551090
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.0	78.0
111	38.5	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 39.421 ng

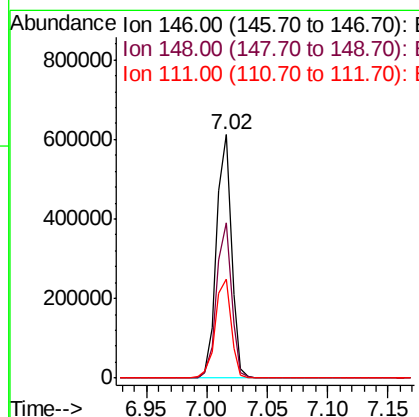
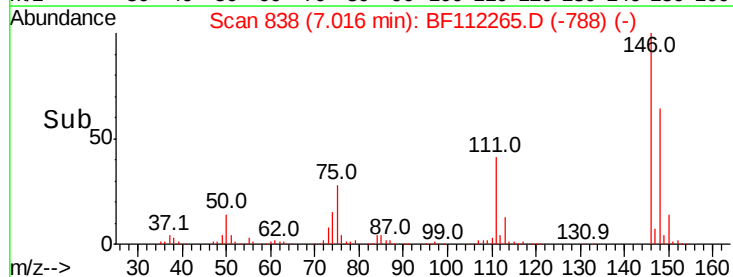
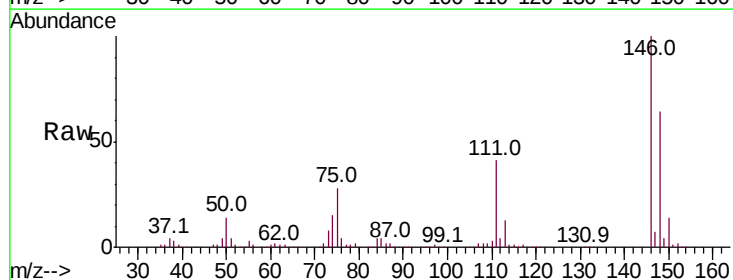
RT: 7.02 min Scan# 838

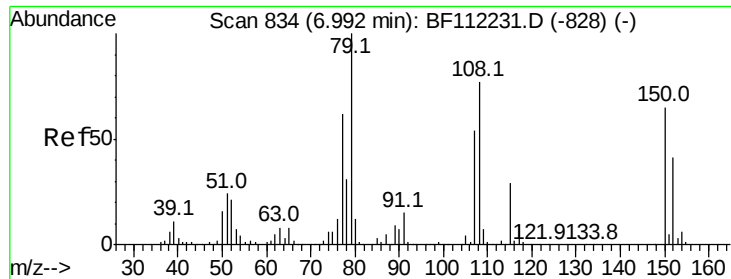
Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:	146	Resp:	517636
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.4
111	40.9	31.2	46.8





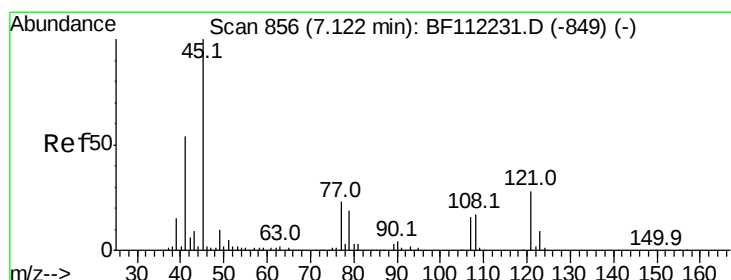
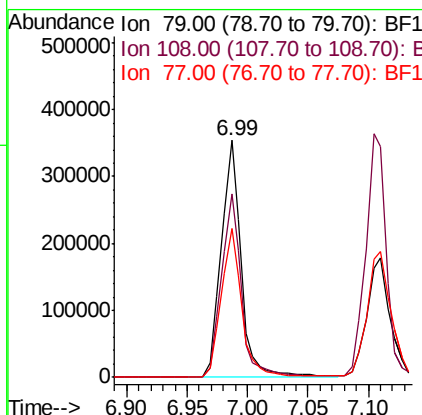
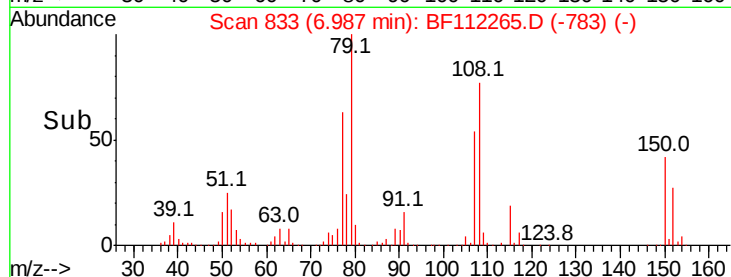
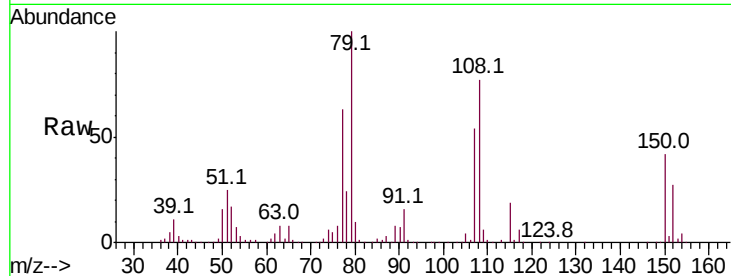
#15
Benzyl Alcohol
Concen: 39.780 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion: 79 Resp: 405313
Ion Ratio Lower Upper
79 100
108 77.5 64.2 96.2
77 63.0 50.3 75.5

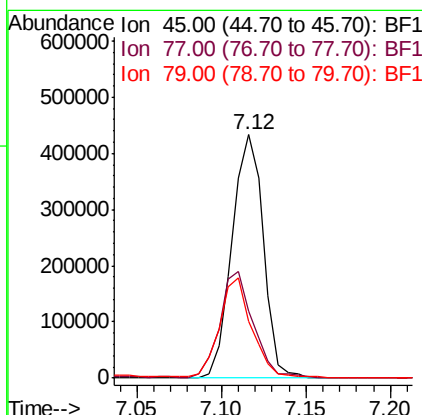
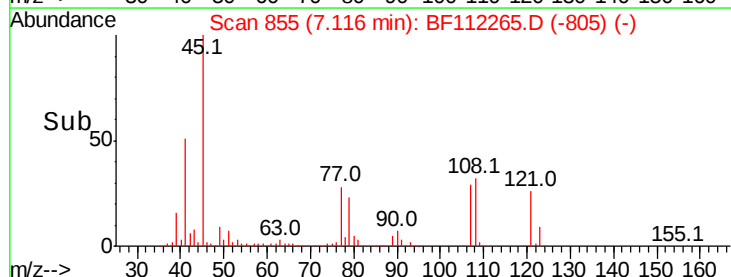
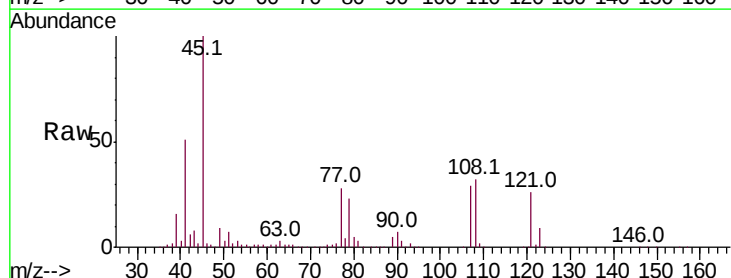
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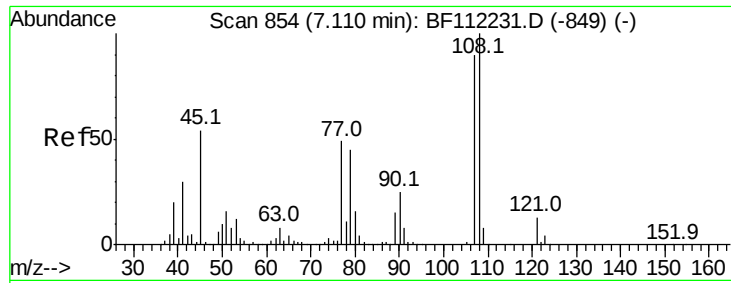
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.566 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion: 45 Resp: 557167
Ion Ratio Lower Upper
45 100
77 27.6 0.0 36.9
79 23.4 0.0 34.0





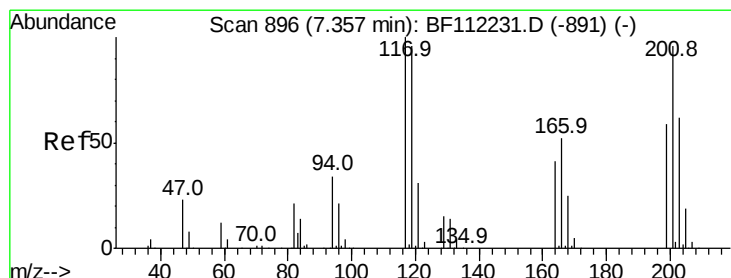
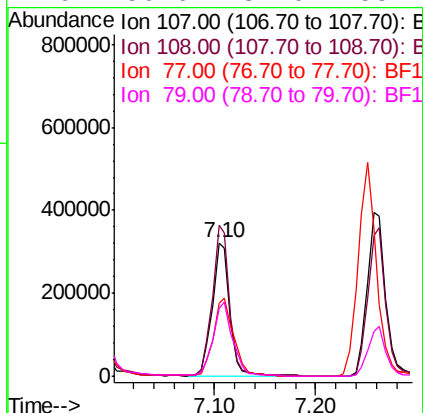
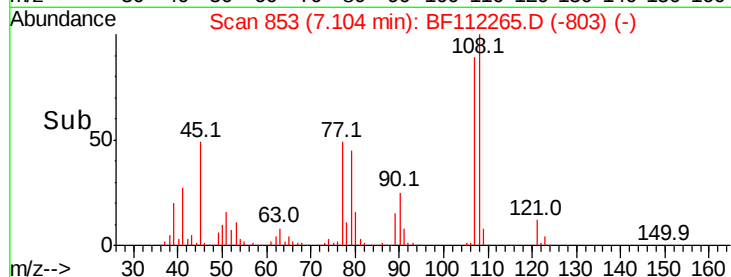
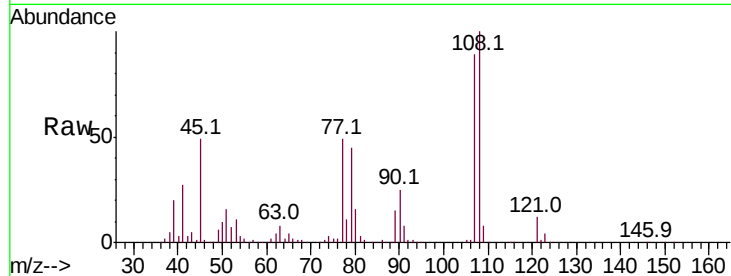
#17
2-Methylphenol
Concen: 41.701 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.3	136.9	
77	54.9	39.0	58.6	
79	50.6	37.0	55.4	

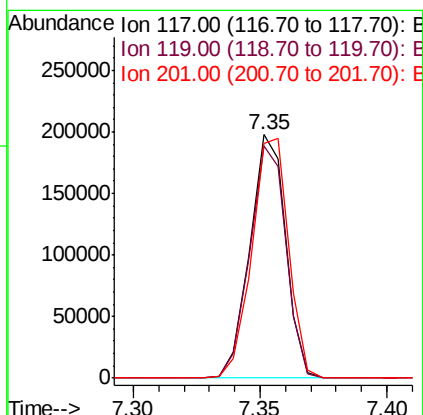
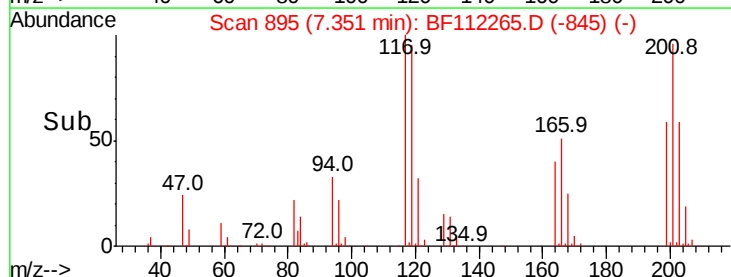
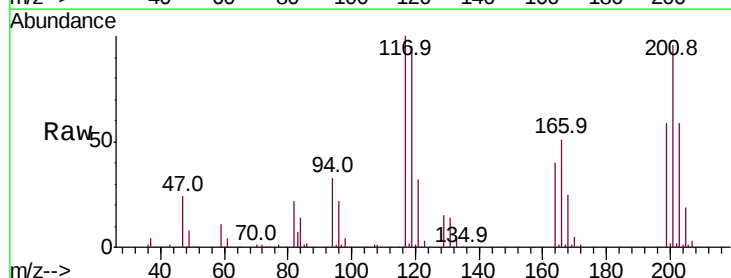
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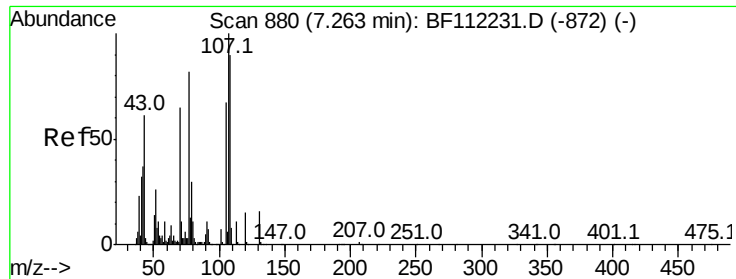
mohammad
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#18
Hexachloroethane
Concen: 39.504 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.0	115.4	
201	96.2	74.1	111.1	





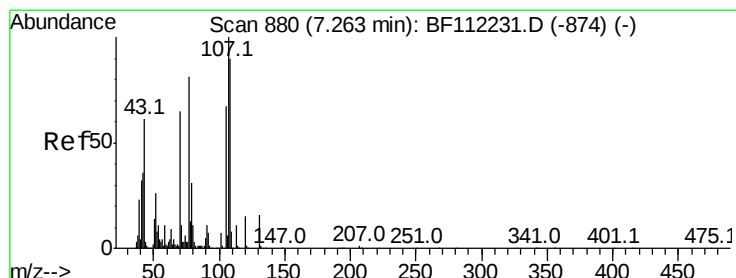
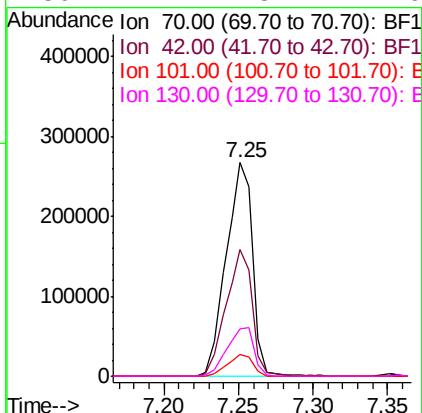
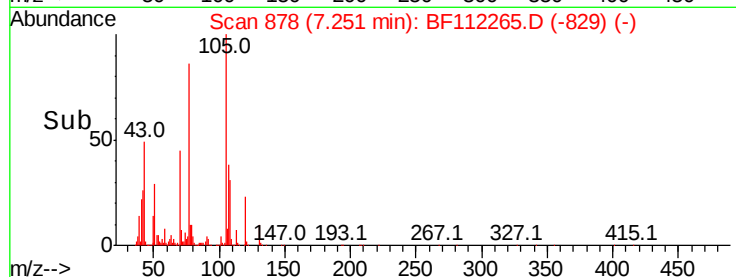
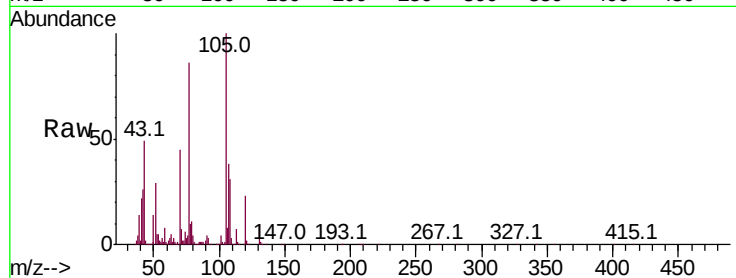
#19
n-Nitroso-di-n-propylamine
Concen: 39.959 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.6	71.4
101	10.0	7.9	11.9
130	22.2	18.4	27.6

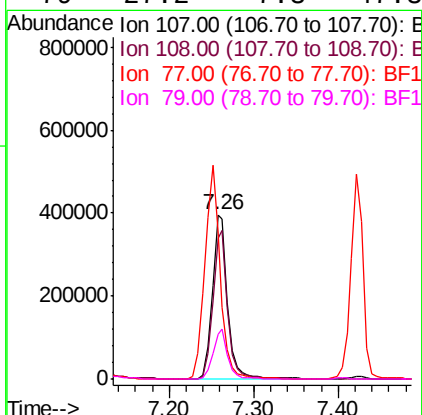
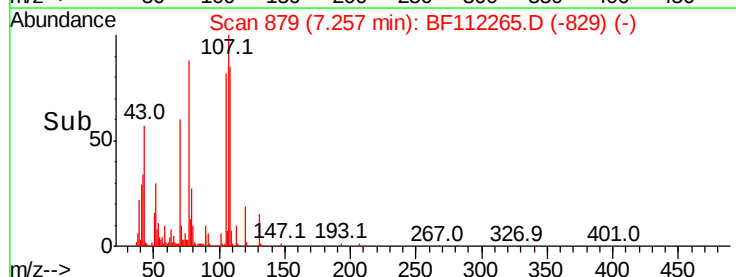
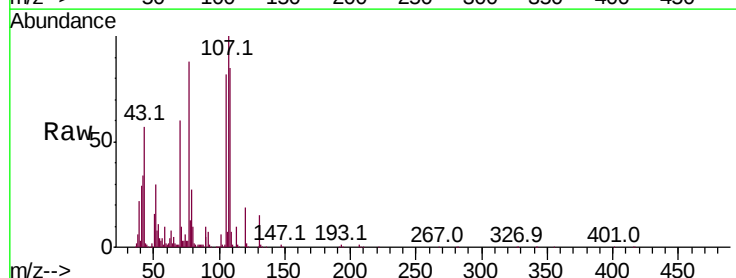
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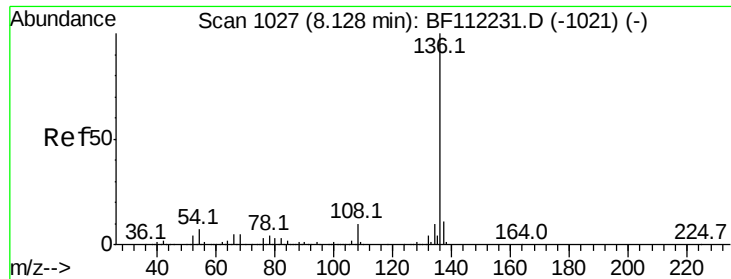
mohammad
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#20
3+4-Methylphenols
Concen: 42.456 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.2	108.2
77	88.4	100.7	140.7#
79	27.2	7.3	47.3





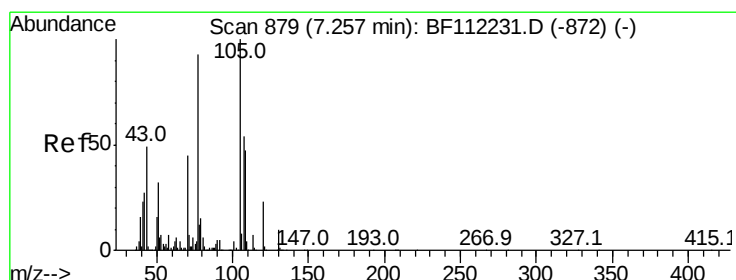
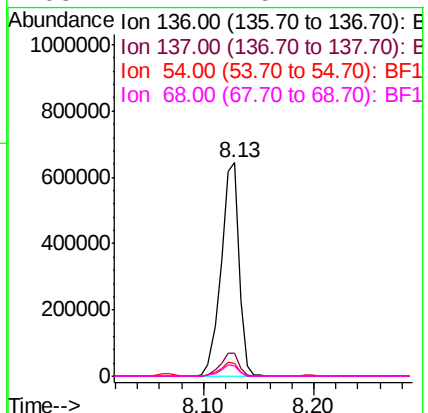
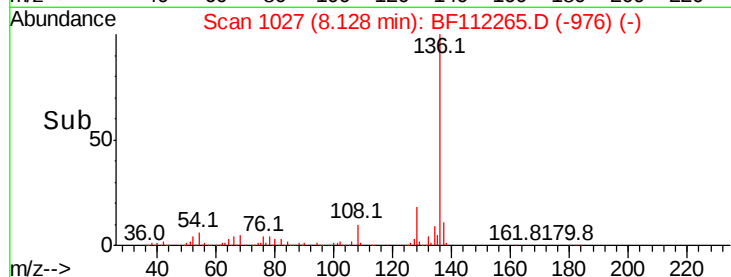
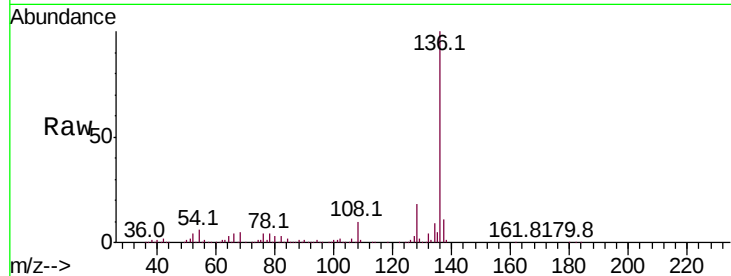
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	6.0	5.9	8.9	
68	4.7	5.1	7.7	

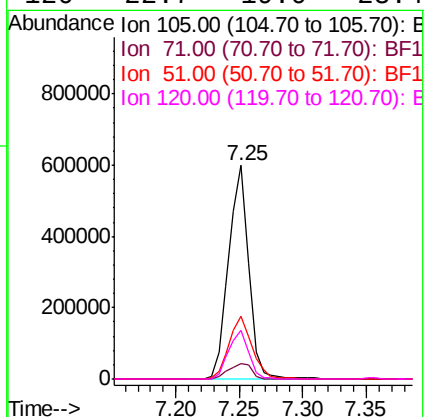
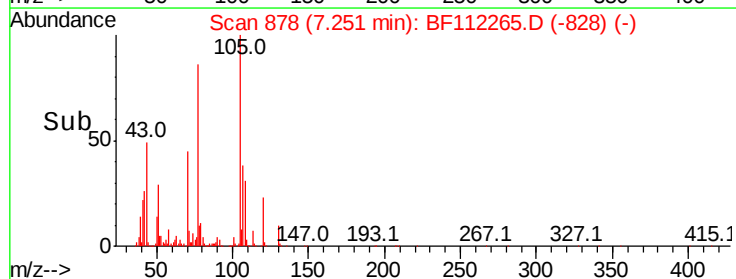
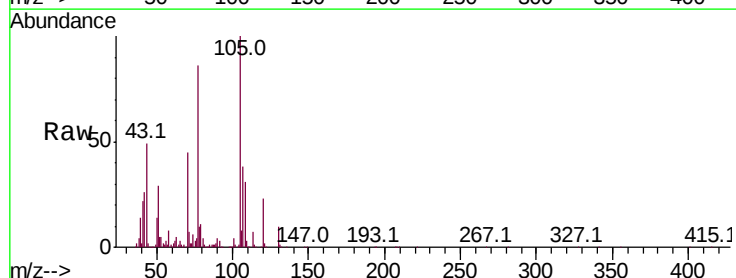
Manual Integrations
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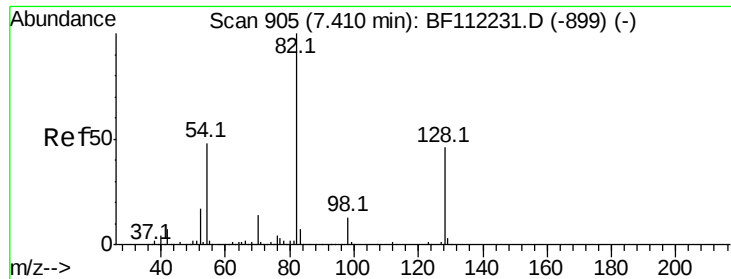
mohammad
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#22
Acetophenone
Concen: 37.043 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	4.6	6.8	
51	29.3	25.0	37.6	
120	22.7	19.0	28.4	





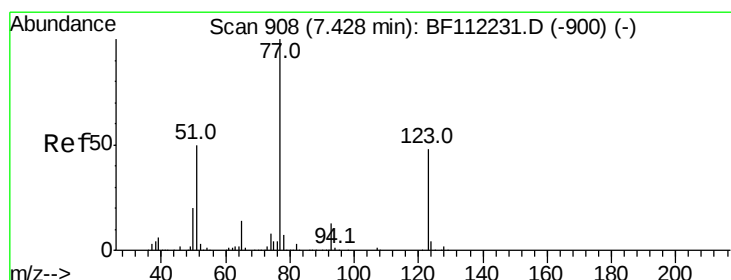
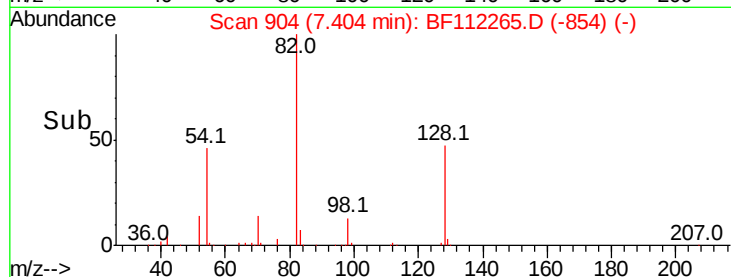
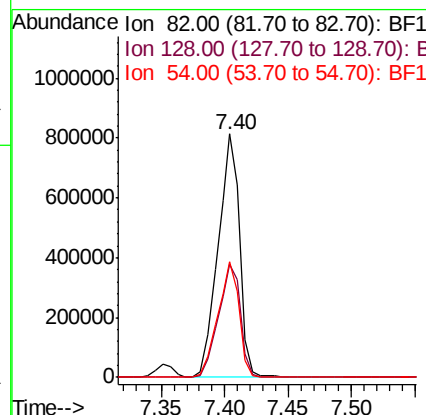
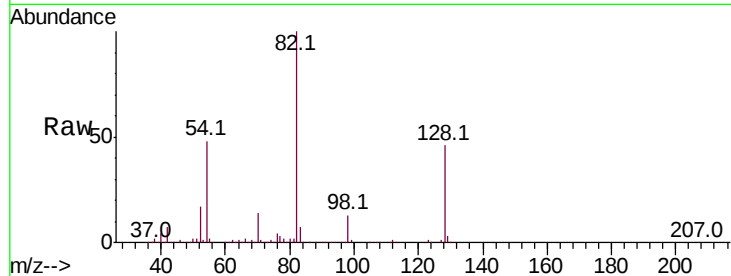
#23
Nitrobenzene-d5
Concen: 75.974 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampled :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	47.5	39.7	59.5

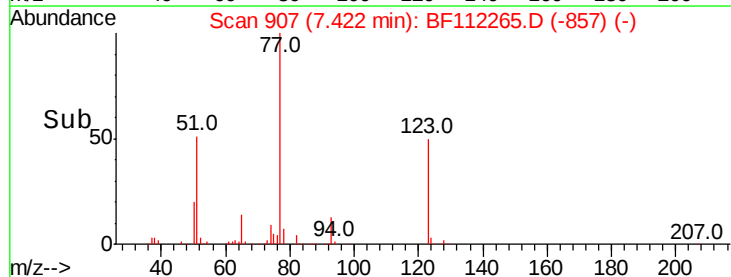
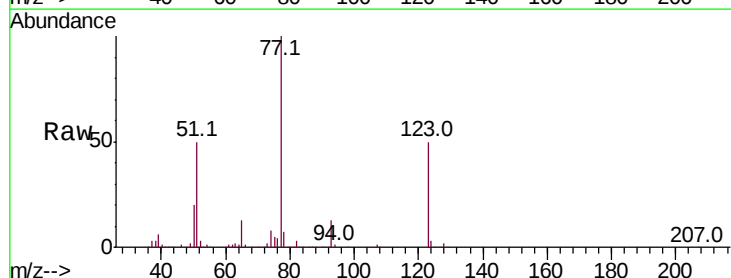
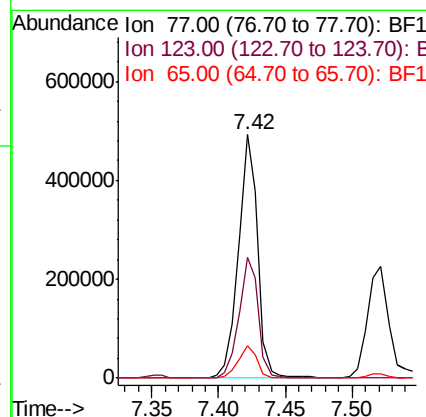
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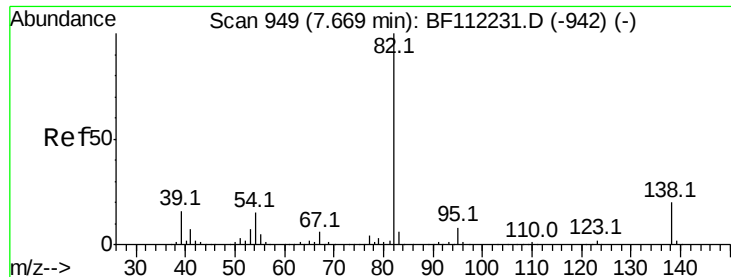
mohammad
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#24
Nitrobenzene
Concen: 39.274 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.4	57.6
65	13.1	10.6	15.8





#25

Isophorone

Concen: 45.257 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

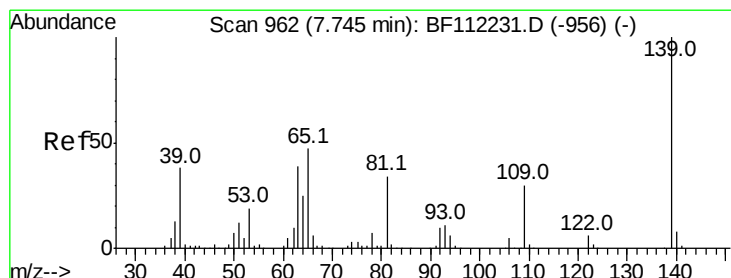
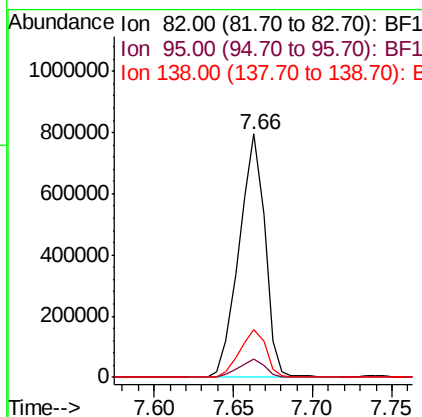
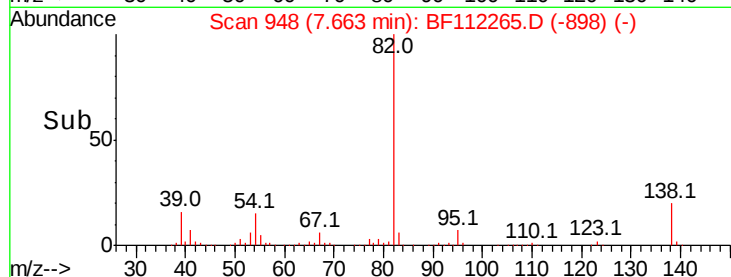
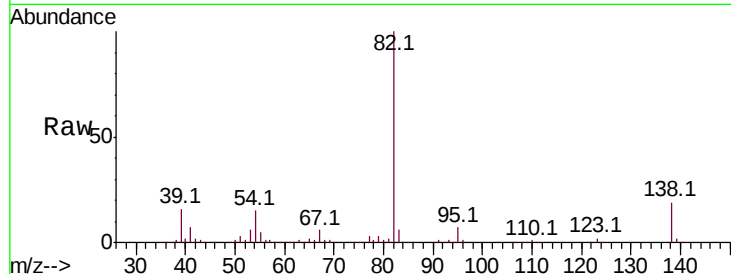
ClientSampleId :

PB116607BSD

Tot Ion:	82	Resp:	901820
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	19.5	15.4	23.0

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#26

2-Nitrophenol

Concen: 40.409 ng

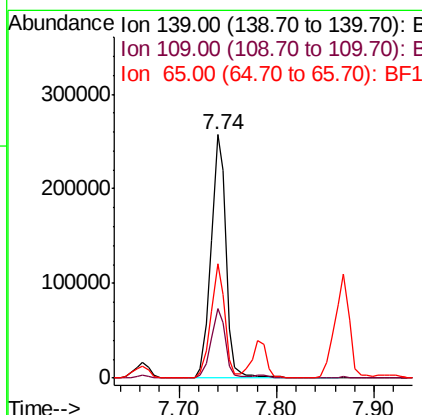
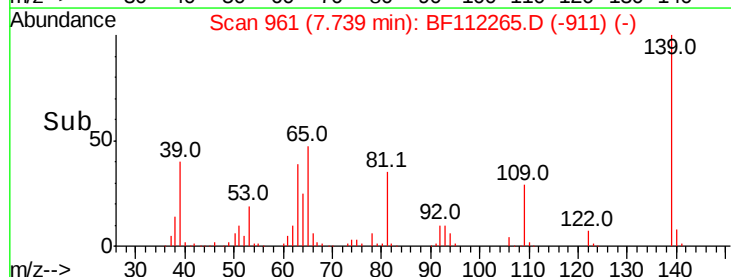
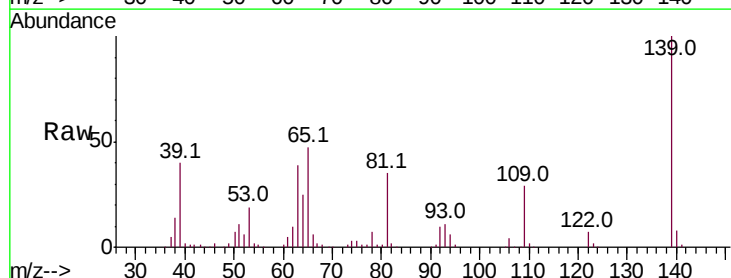
RT: 7.74 min Scan# 961

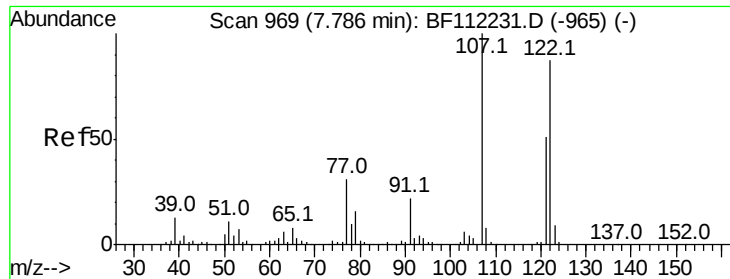
Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:	139	Resp:	273944
Ion Ratio	Lower	Upper	
139	100		
109	28.8	20.8	31.2
65	47.2	34.4	51.6





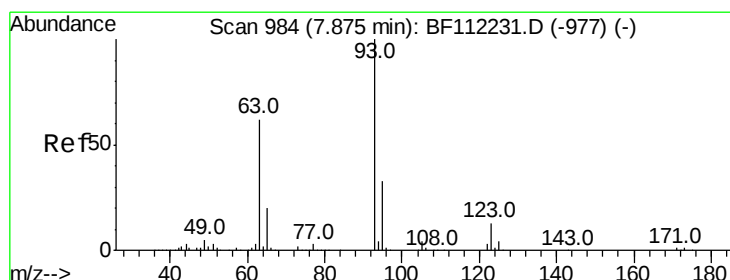
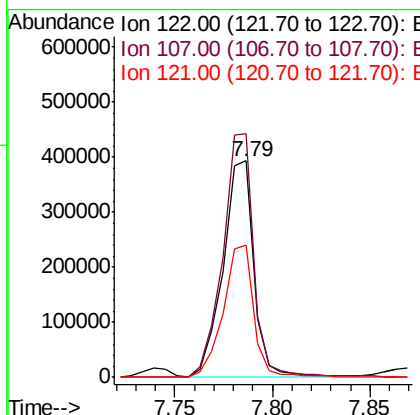
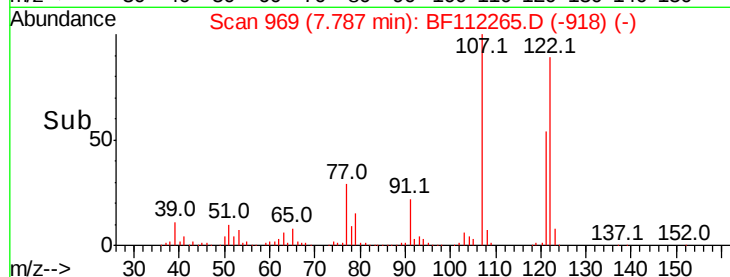
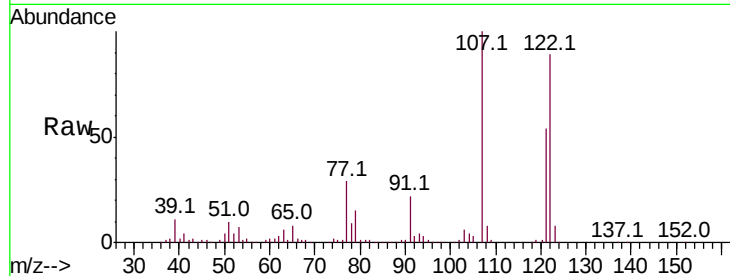
#27
2,4-Dimethylphenol
Concen: 46.168 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	85.4	128.0
121	60.9	47.0	70.4

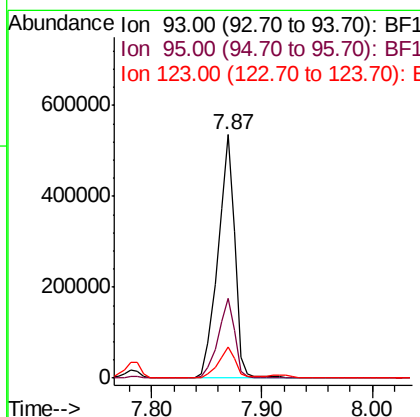
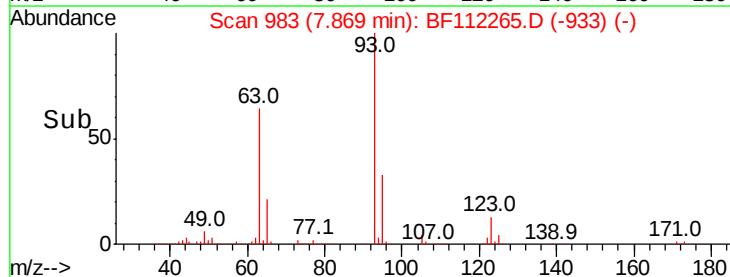
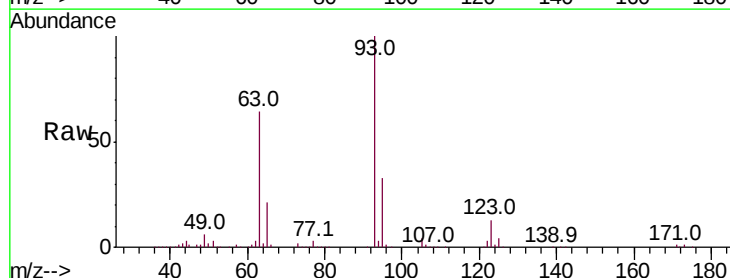
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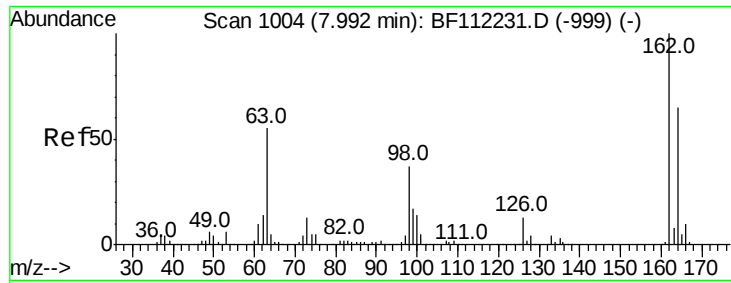
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.810 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	12.8	10.2	15.2





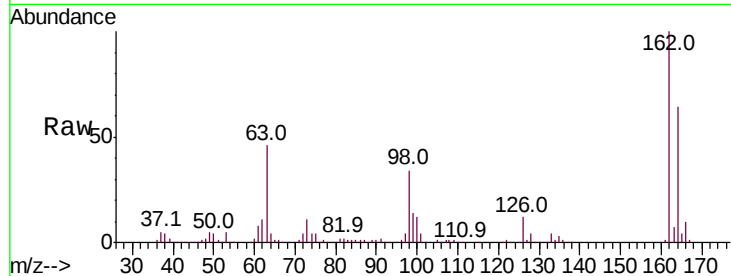
#29
2,4-Dichlorophenol
Concen: 42.116 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	440214		
164	64.1		44.6	84.6
98	33.8		14.6	54.6

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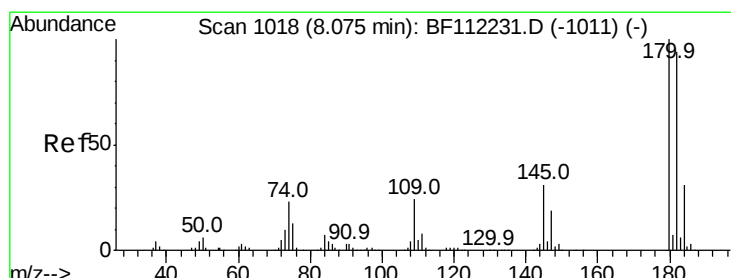
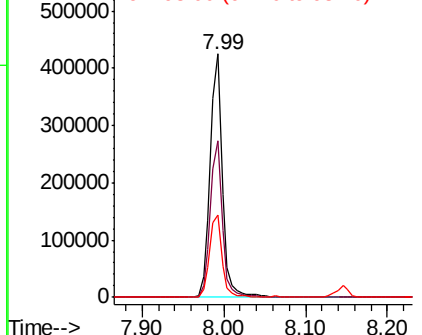
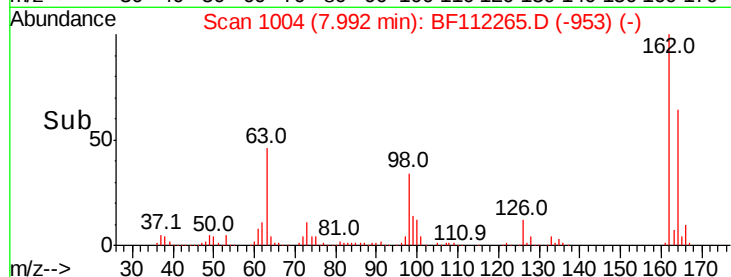


Abundance

Ion 162.00 (161.70 to 162.70): E

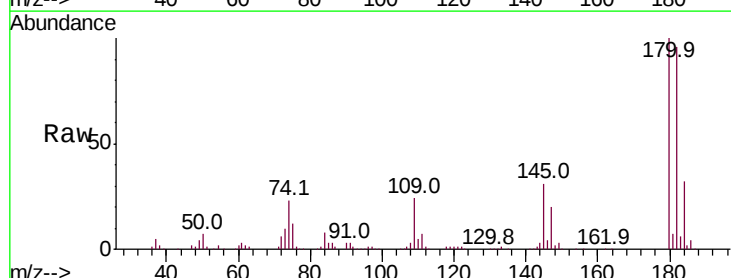
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.804 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	478231		
182	96.1		76.4	114.6
145	30.6		25.0	37.4

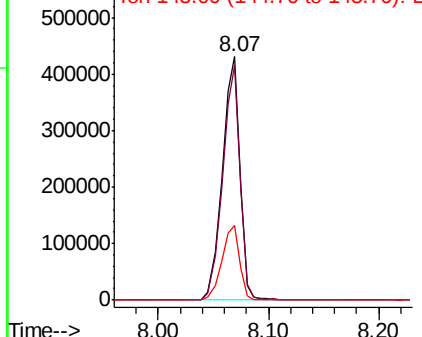
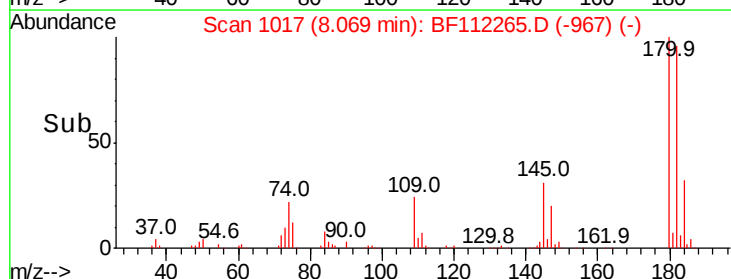


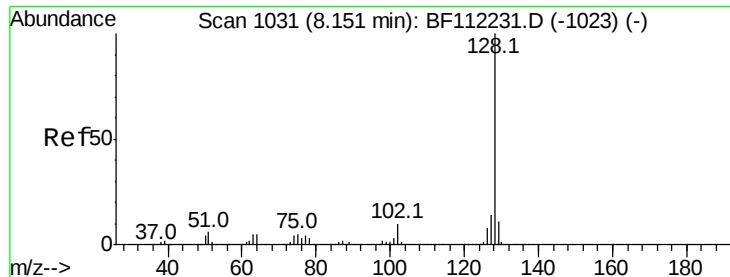
Abundance

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: 42.404 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:128 Resp: 1451325

Ion Ratio Lower Upper

128 100

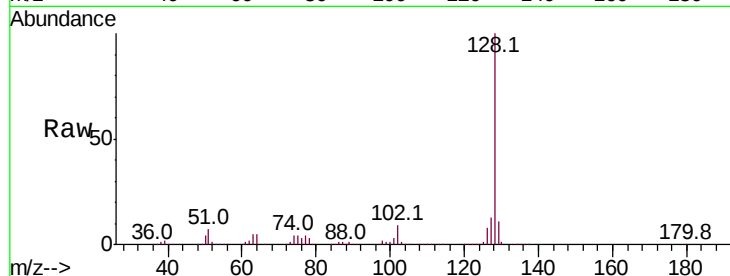
129 11.3 9.6 14.4

127 13.4 11.1 16.7

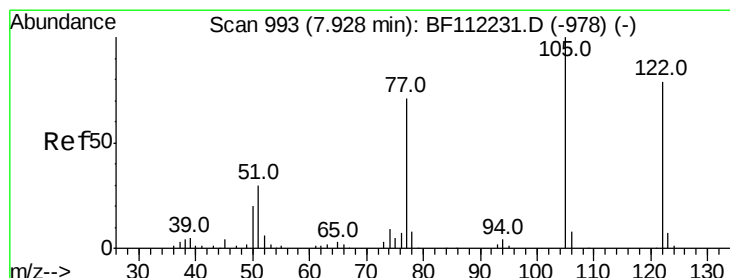
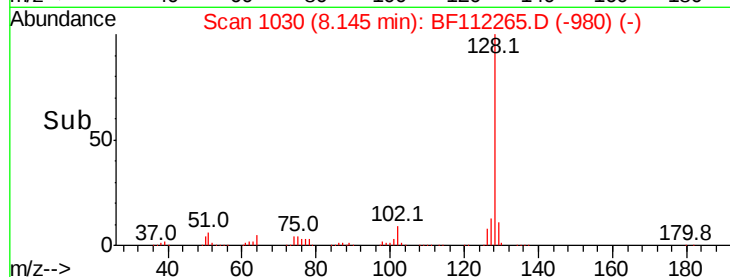
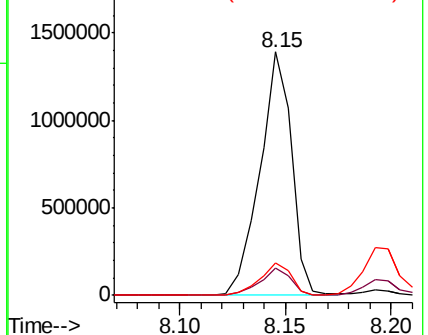
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.829 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

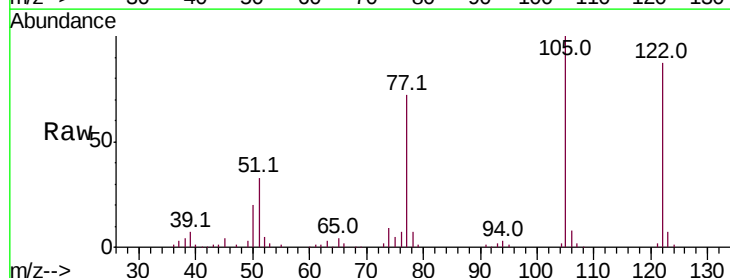
Tgt Ion:122 Resp: 201551

Ion Ratio Lower Upper

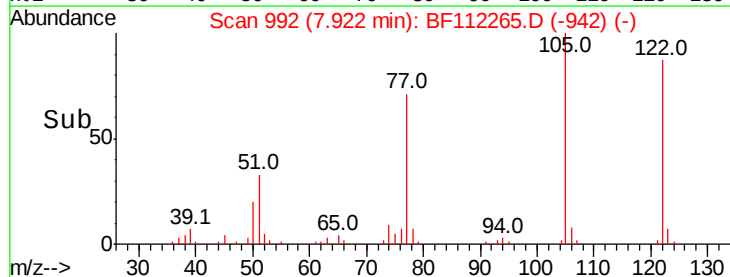
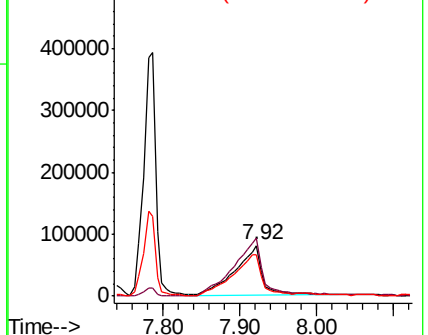
122 100

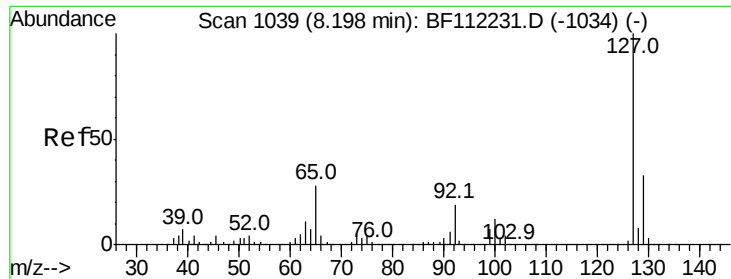
105 114.7 101.2 141.2

77 82.4 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





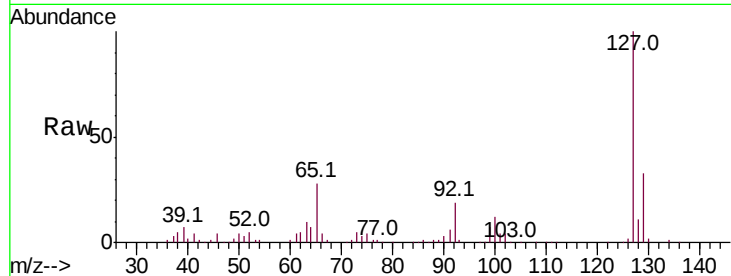
#33
4-Chloroaniline
Concen: 23.752 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

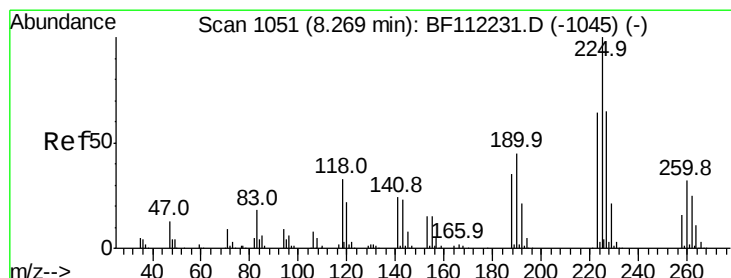
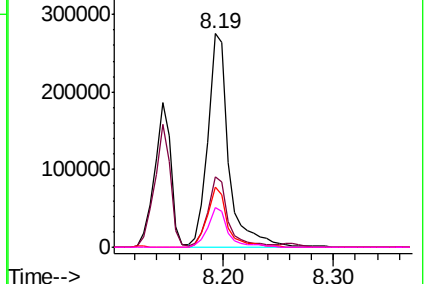
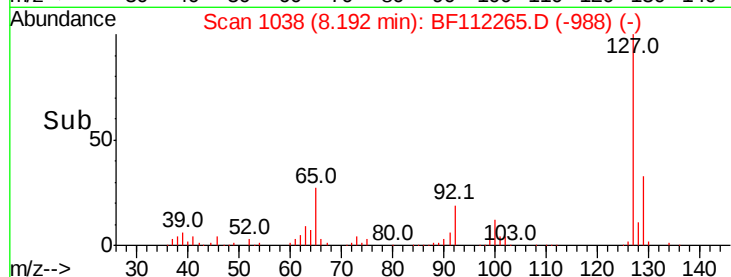
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	28.0	21.4	32.2
92	18.5	14.2	21.2

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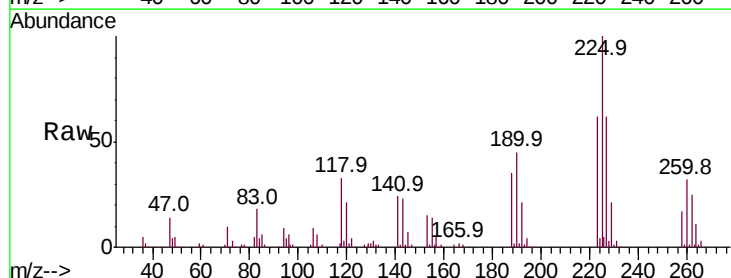


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

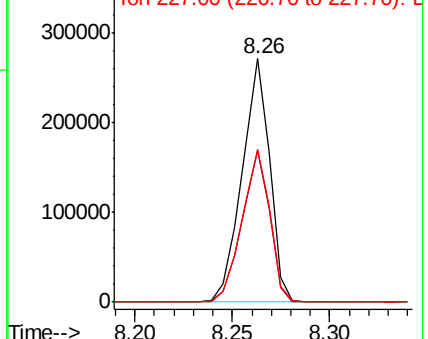
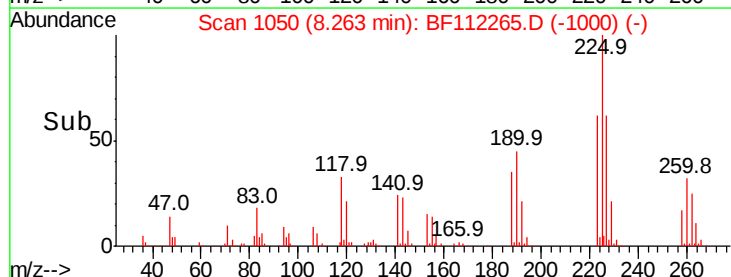


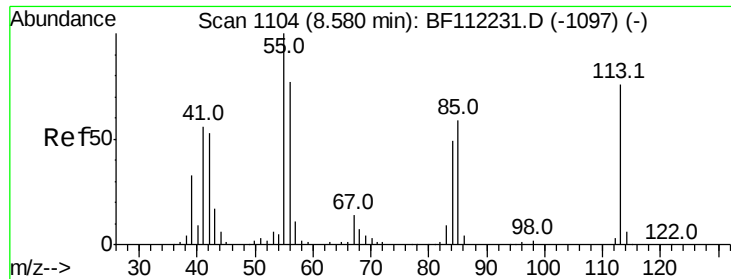
#34
Hexachlorobutadiene
Concen: 37.720 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	62.5	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





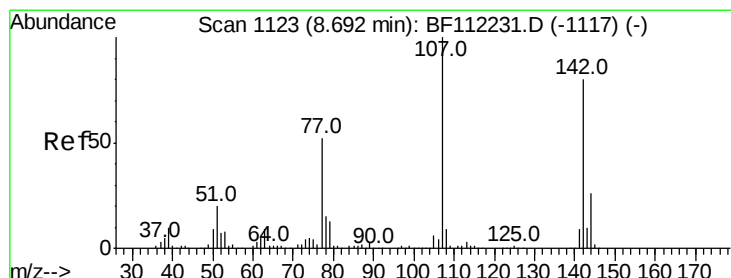
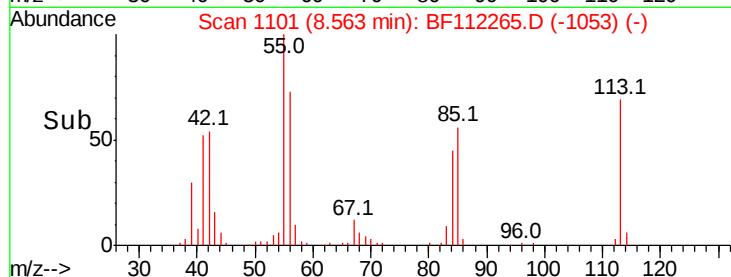
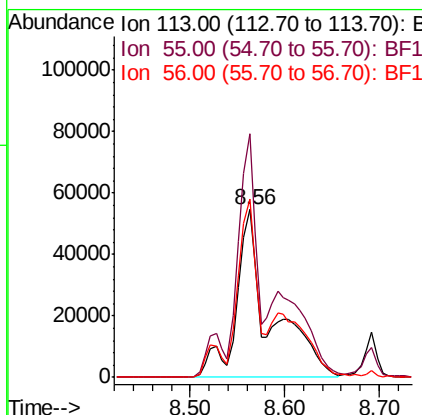
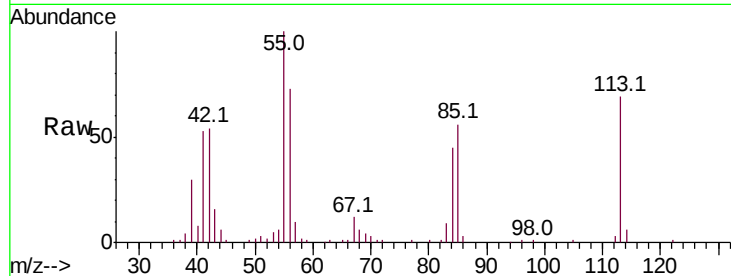
#35
 Caprolactam
 Concen: 36.802 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleID :
 PB116607BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.3	121.6	161.6
56	106.2	86.7	126.7

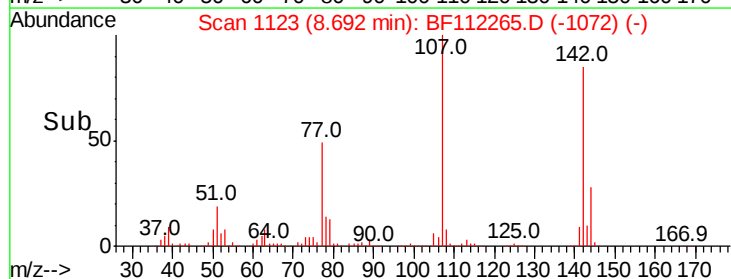
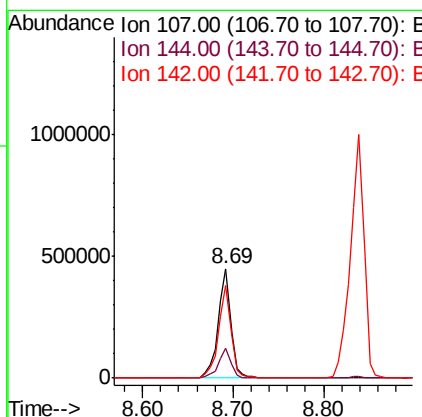
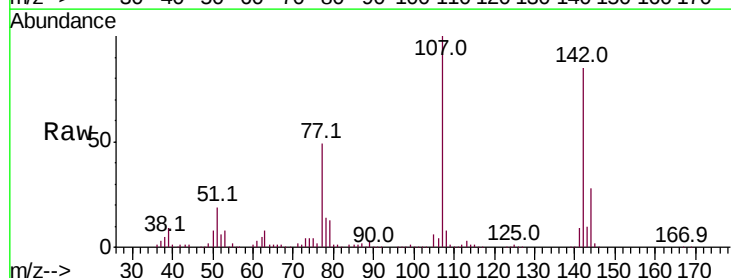
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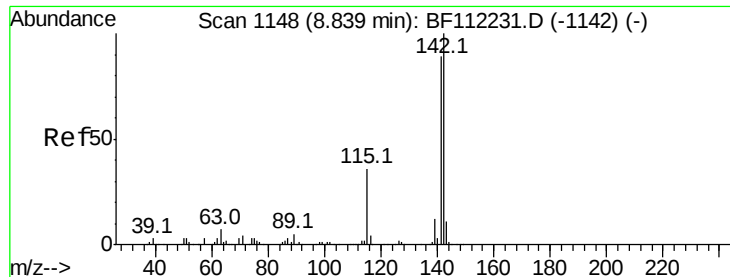
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#36
 4-Chloro-3-methylphenol
 Concen: 39.690 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.2
142	84.9	67.7	101.5





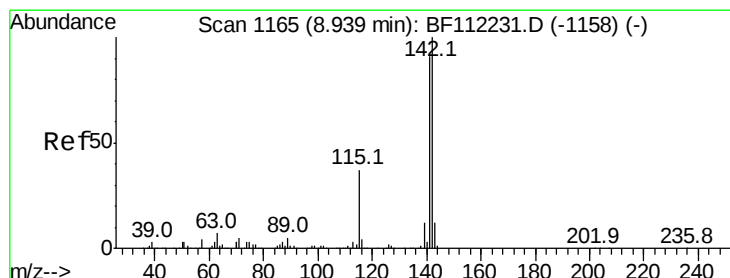
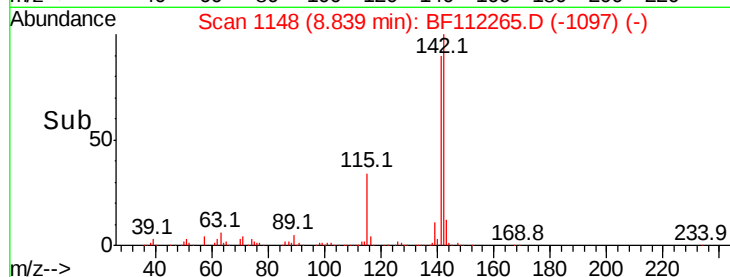
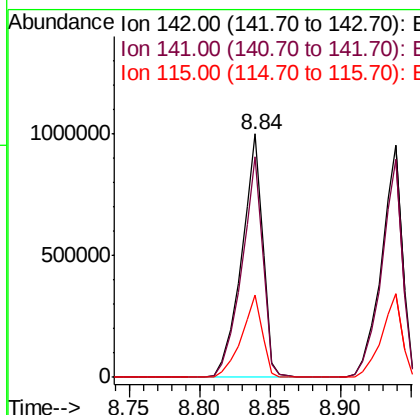
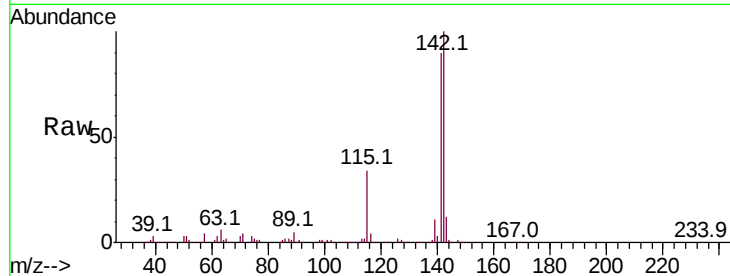
#37
2-Methylnaphthalene
Concen: 44.327 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampled :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.9	106.3
115	33.9	24.9	37.3

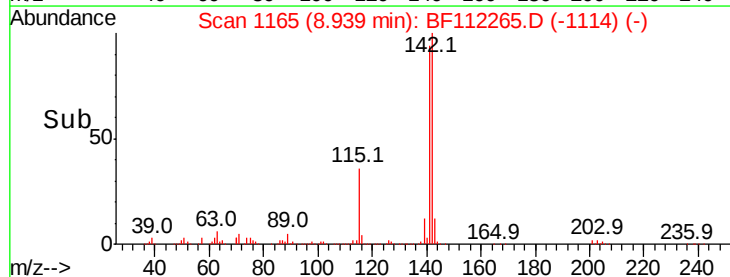
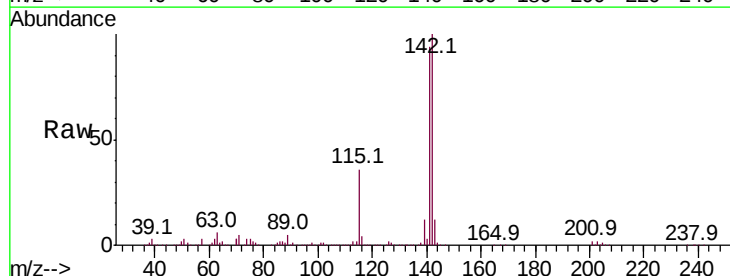
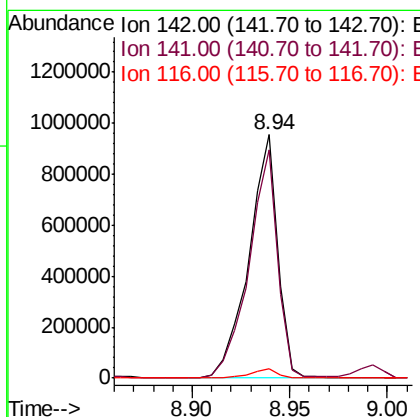
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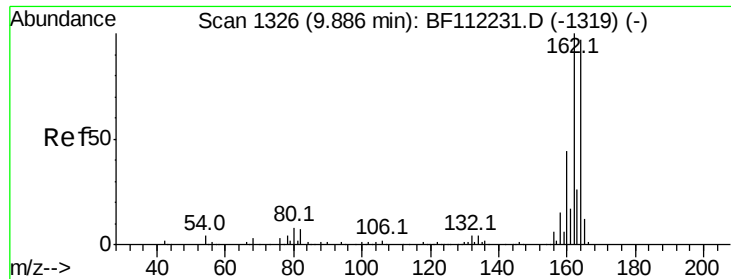
mohammad
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#38
1-Methylnaphthalene
Concen: 43.381 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.6	108.8
116	3.6	2.8	4.2





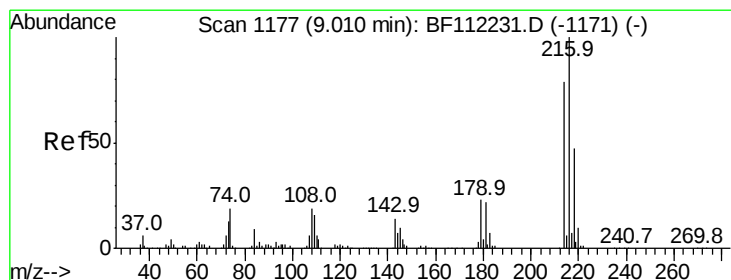
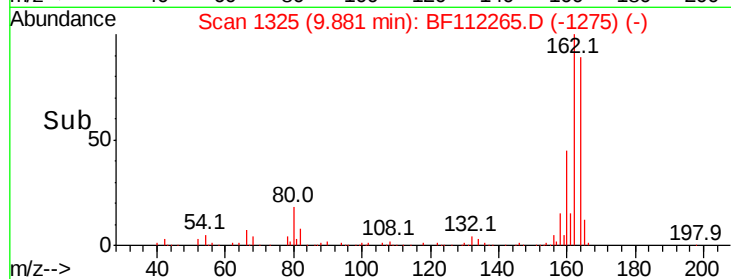
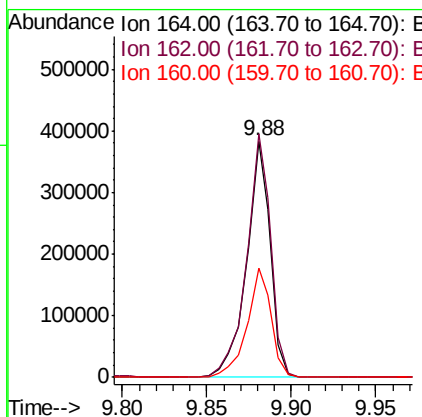
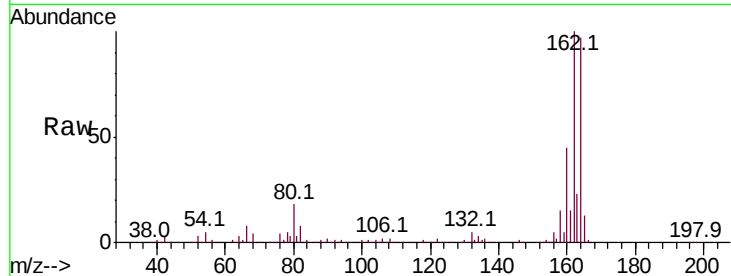
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleID :
 PB116607BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.4
160	46.3	36.2	54.4

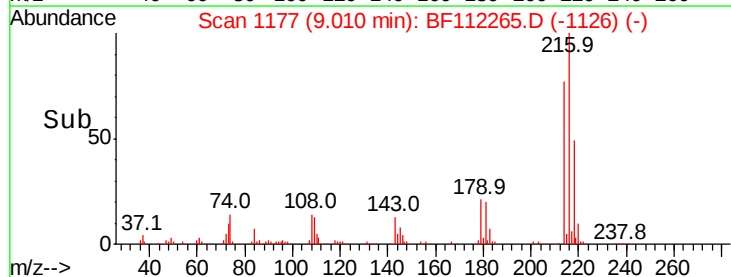
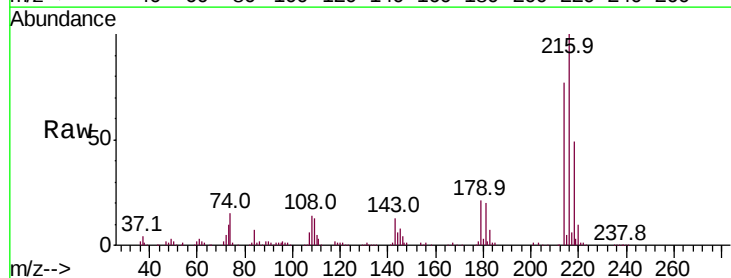
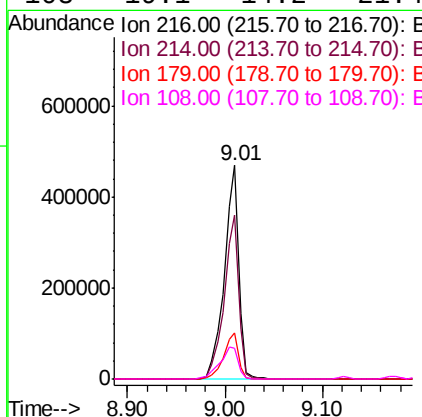
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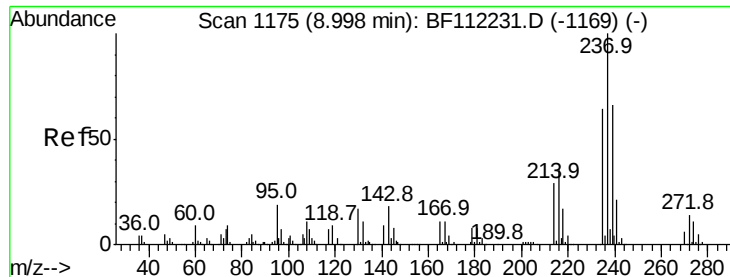
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.857 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.6
179	21.7	16.9	25.3
108	19.1	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 76.351 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

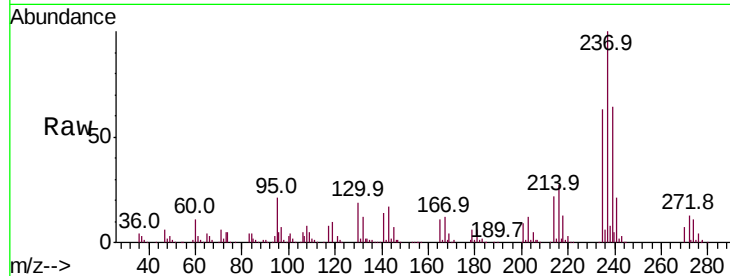
ClientSampleId :

PB116607BSD

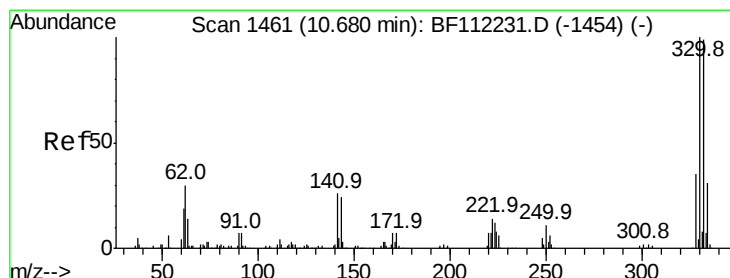
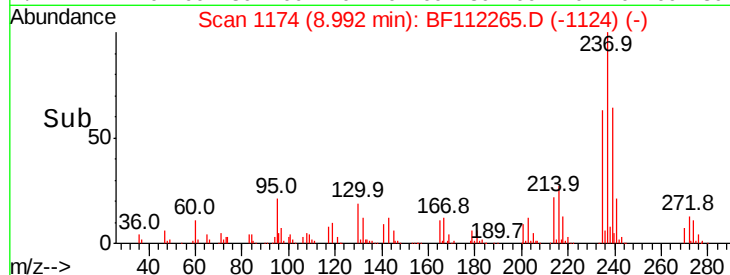
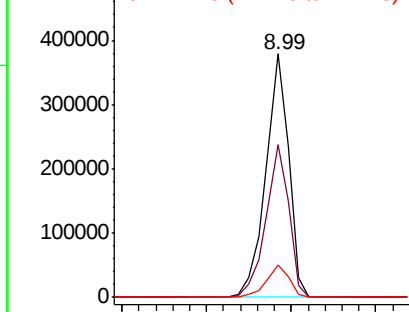
Tot Ion:	237	Resp:	354174
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.0	84.0
272	13.5	0.0	33.3

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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: 123.318 ng

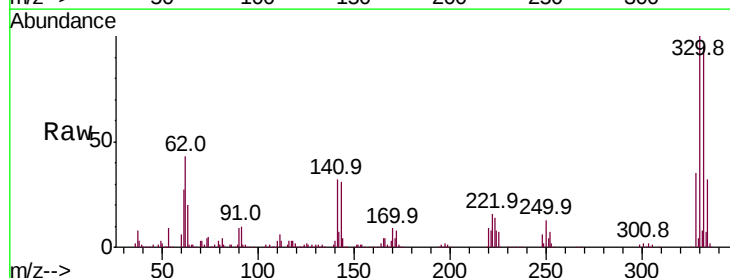
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

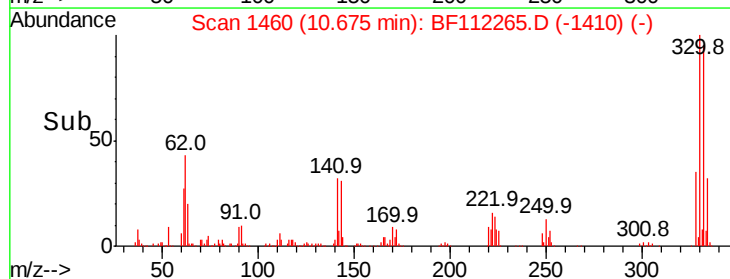
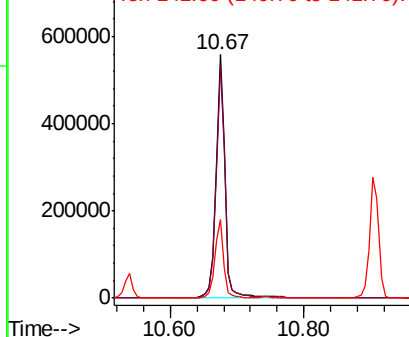
Lab File: BF112265.D

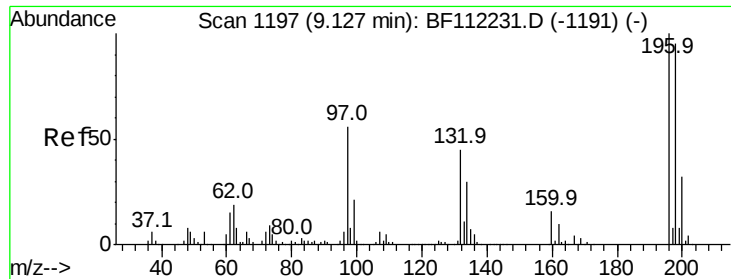
Acq: 28 Jan 2019 10:51

Tgt Ion:	330	Resp:	538561
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.6	114.8
141	31.2	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





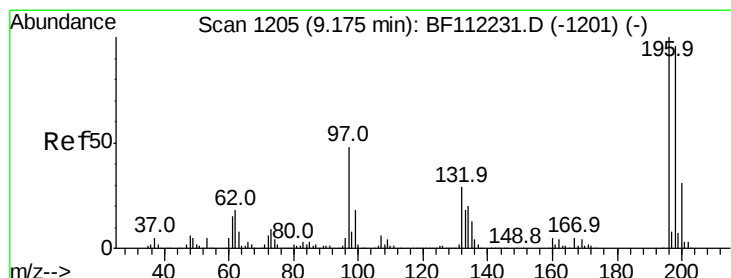
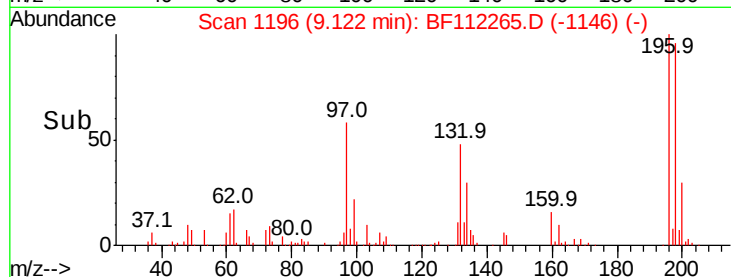
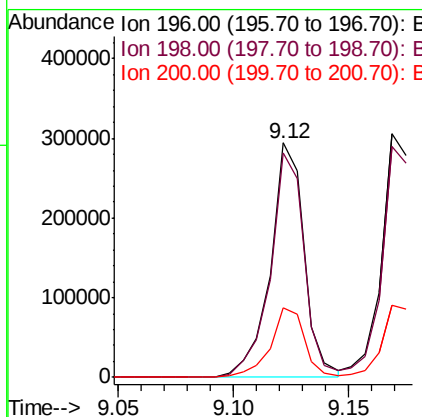
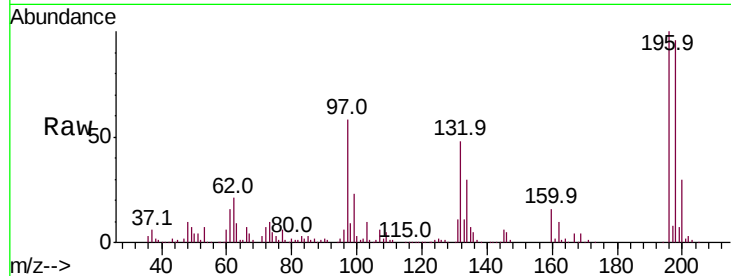
#43
 2,4,6-Trichlorophenol
 Concen: 39.326 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleID :
 PB116607BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	298632		
198	96.0	76.2	114.4	
200	29.9	24.3	36.5	

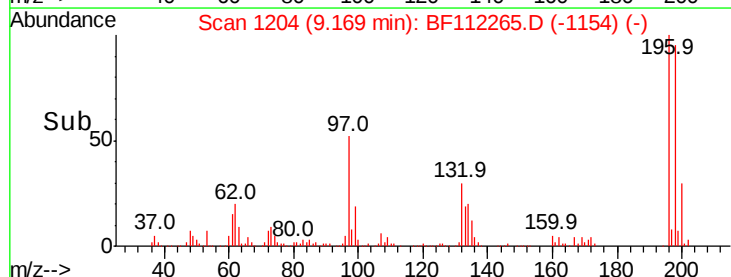
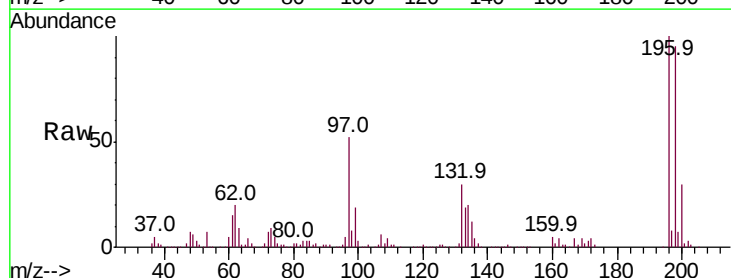
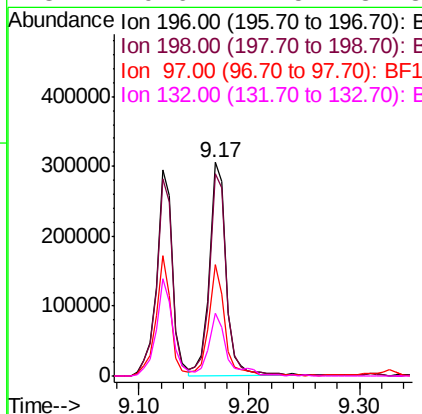
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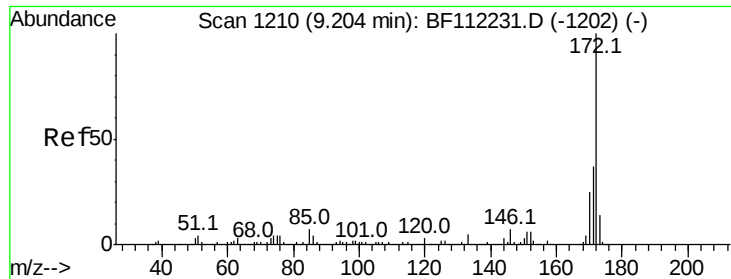
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#44
 2,4,5-Trichlorophenol
 Concen: 39.534 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313759		
198	94.8	76.0	114.0	
97	52.4	36.4	54.6	
132	29.6	21.5	32.3	





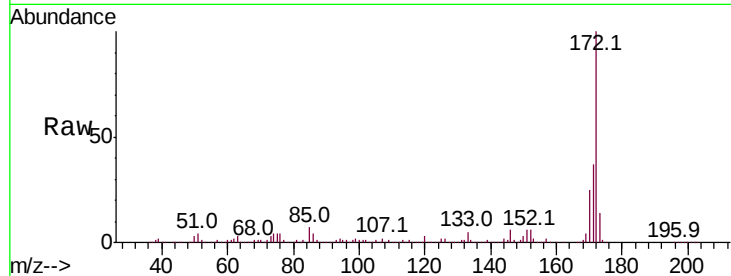
#45
2-Fluorobiphenyl
Concen: 77.788 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

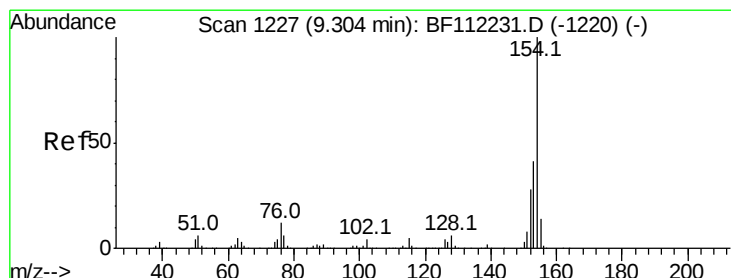
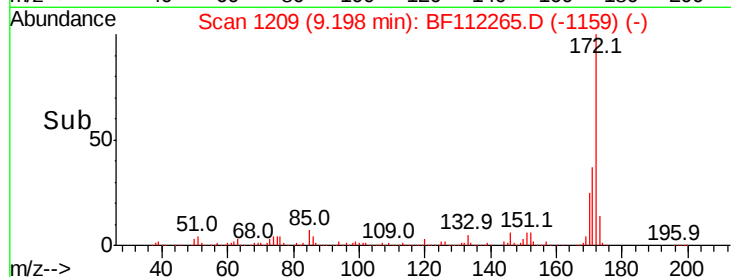
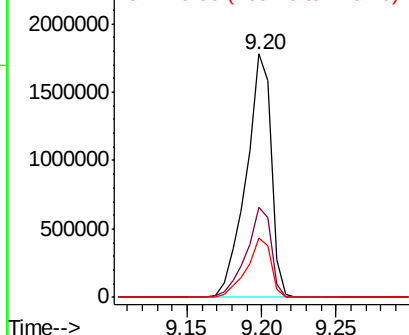
Tot Ion:172 Resp: 2063608
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.5 20.2 30.4

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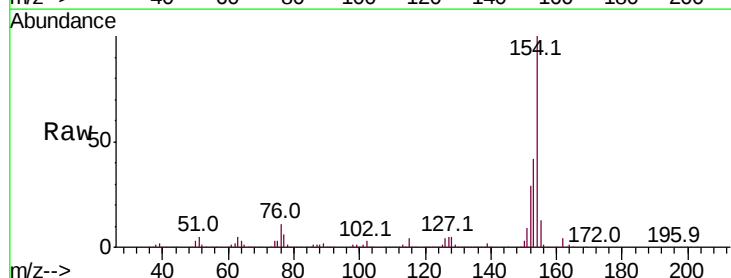


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

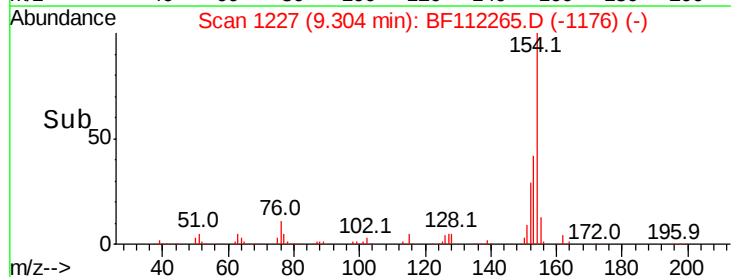
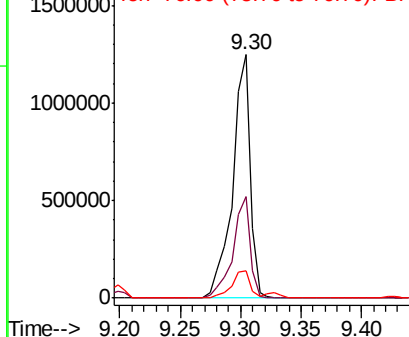


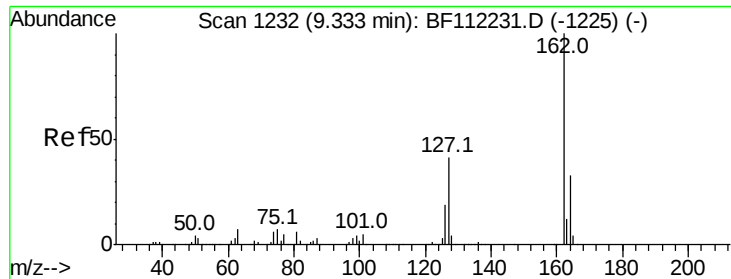
#46
1,1'-Biphenyl
Concen: 38.812 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion:154 Resp: 1273098
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 11.1 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





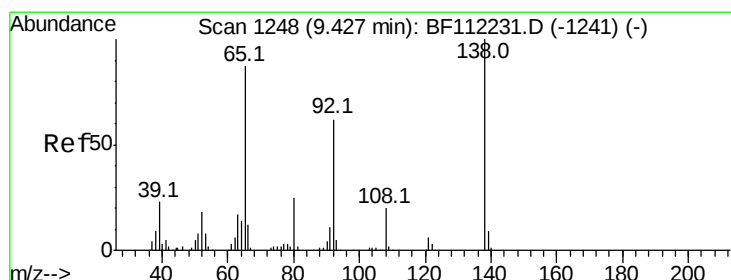
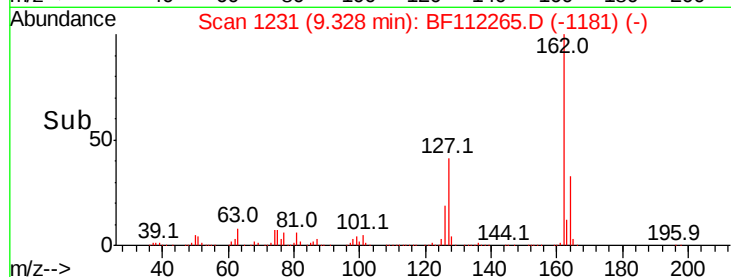
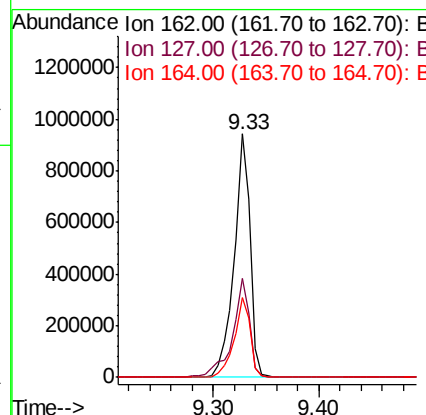
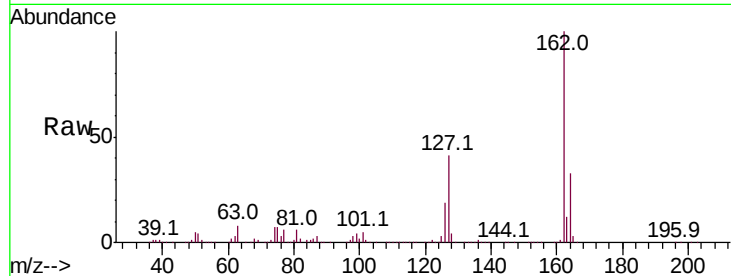
#47
2-Chloronaphthalene
Concen: 38.472 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.7	30.4	45.6	
164	33.0	27.4	41.2	

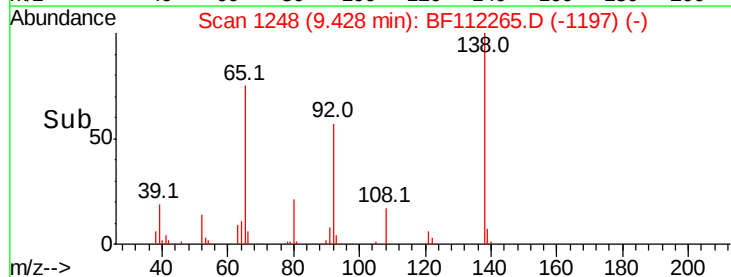
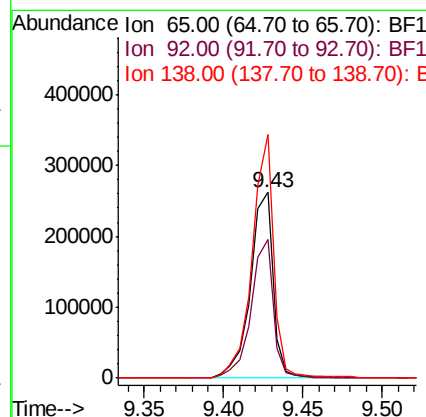
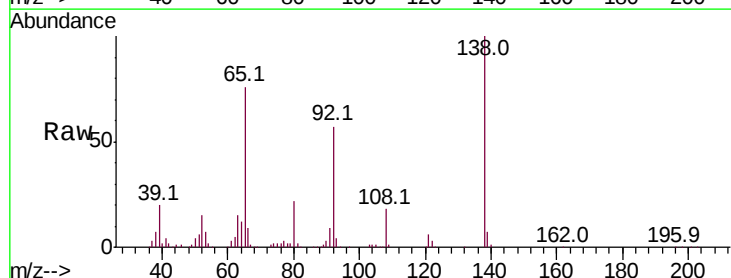
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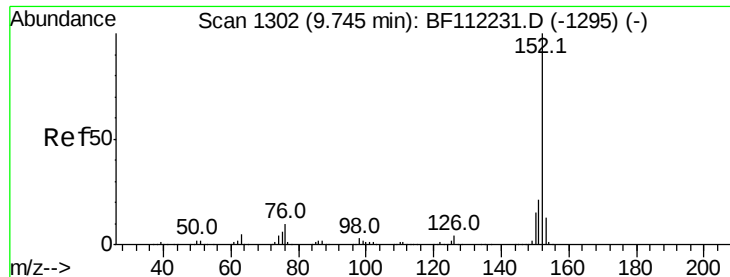
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#48
2-Nitroaniline
Concen: 38.042 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.8	60.4	90.6	
138	131.0	104.4	156.6	





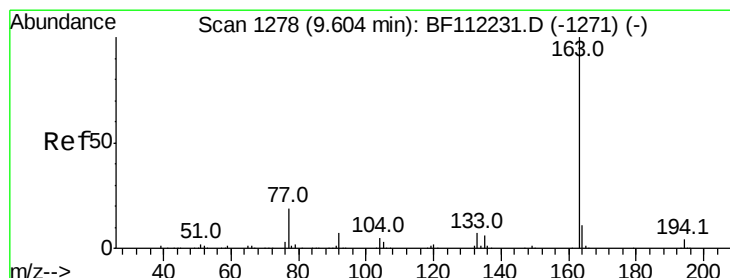
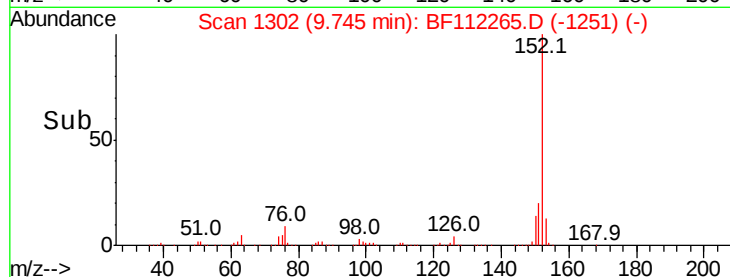
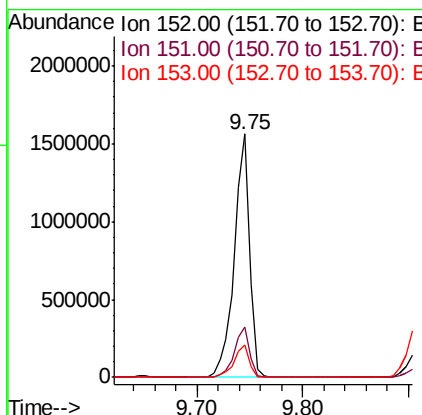
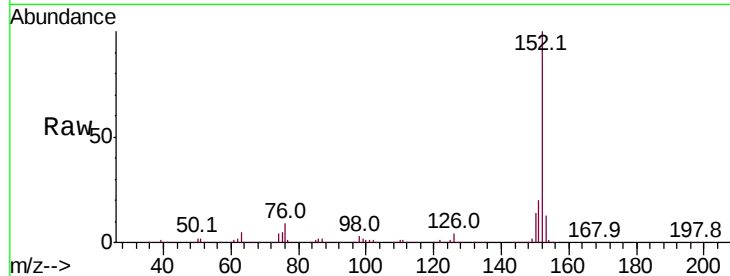
#49
Acenaphthylene
Concen: 41.490 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.6
153	13.4	11.2	16.8

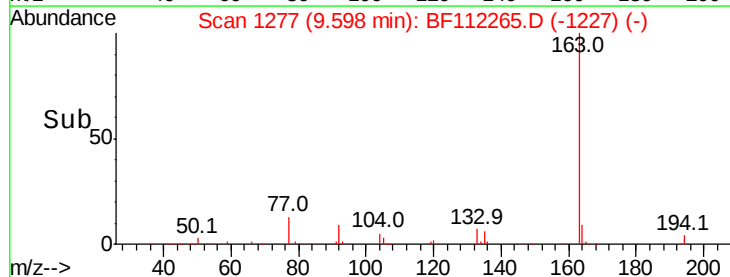
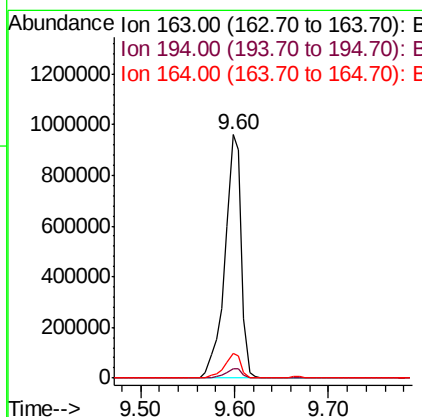
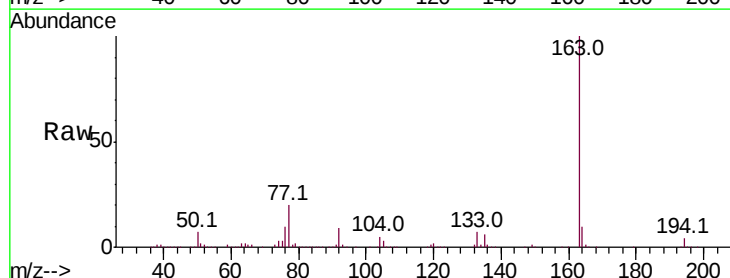
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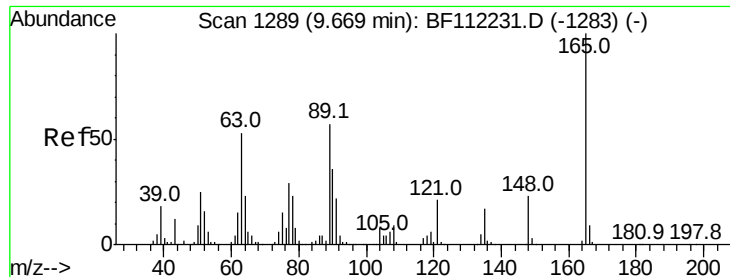
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#50
Dimethylphthalate
Concen: 39.750 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 39.720 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:165 Resp: 259323

Ion Ratio Lower Upper

165 100

63 53.6 33.8 50.8#

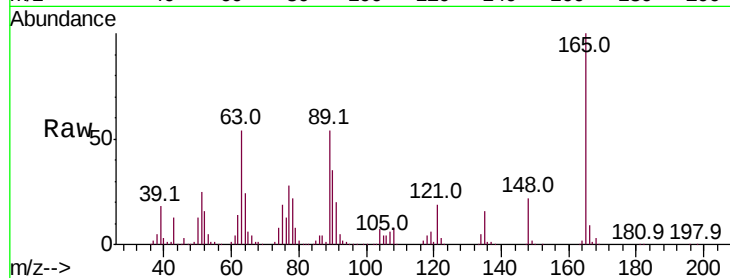
89 54.1 36.9 55.3

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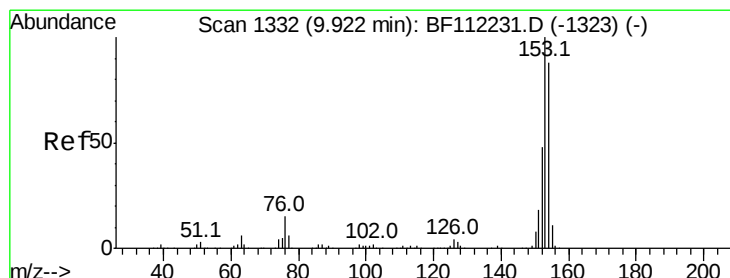
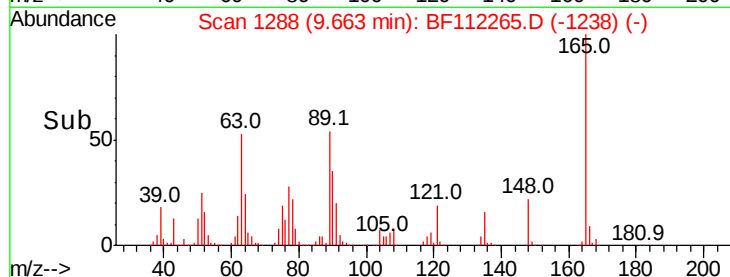
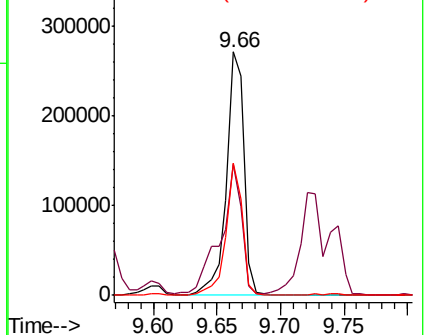
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.630 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

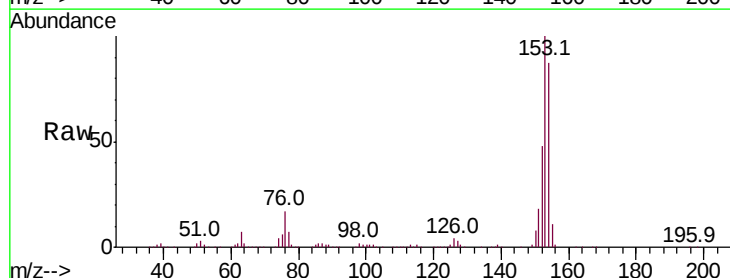
Tgt Ion:154 Resp: 882613

Ion Ratio Lower Upper

154 100

153 114.4 89.8 134.6

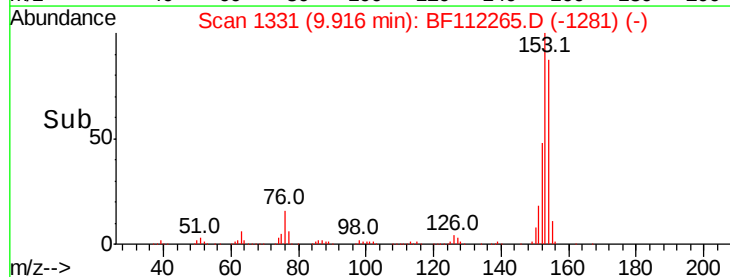
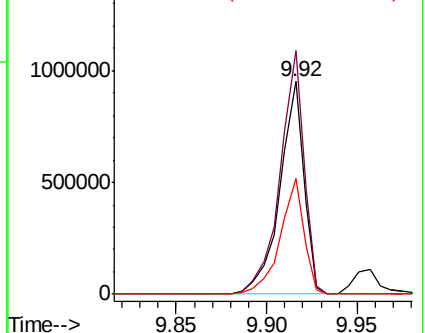
152 54.5 43.5 65.3

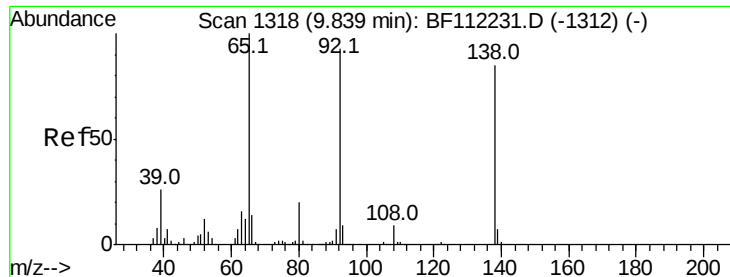


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





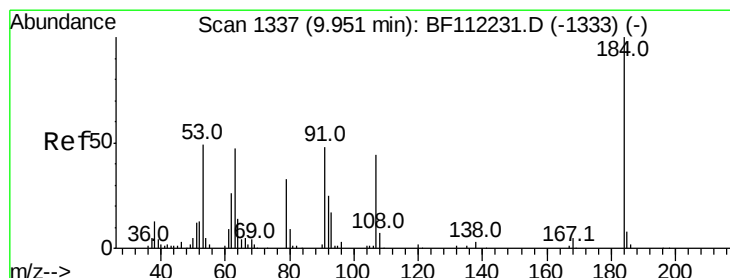
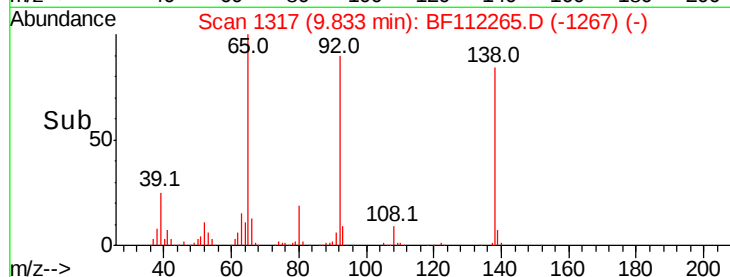
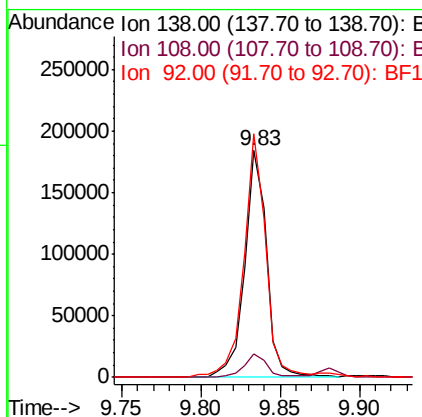
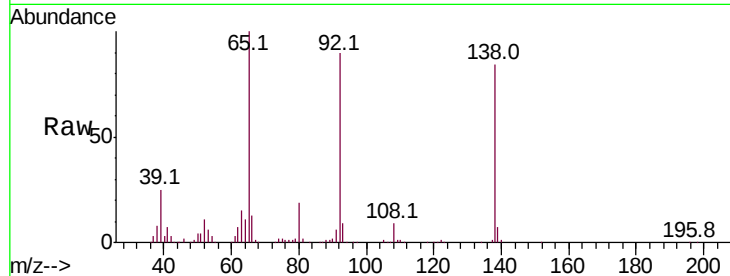
#53
3-Nitroaniline
Concen: 25.020 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.8	14.6
92	107.4	79.4	119.2

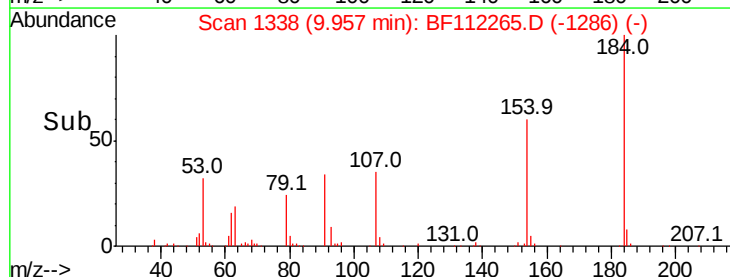
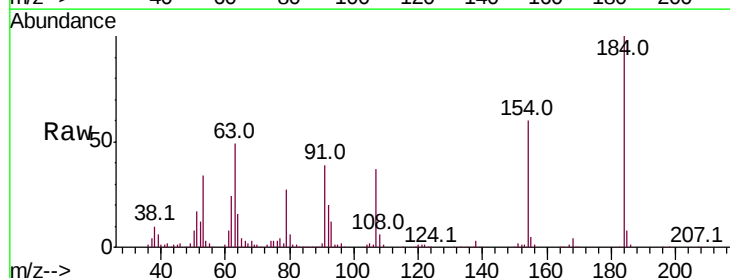
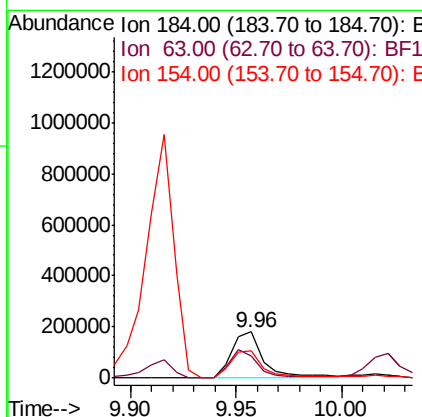
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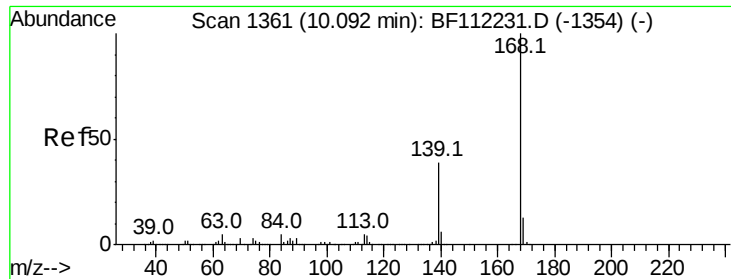
mohammad
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#54
2,4-Dinitrophenol
Concen: 90.678 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.1	47.1	70.7
154	59.9	48.9	73.3





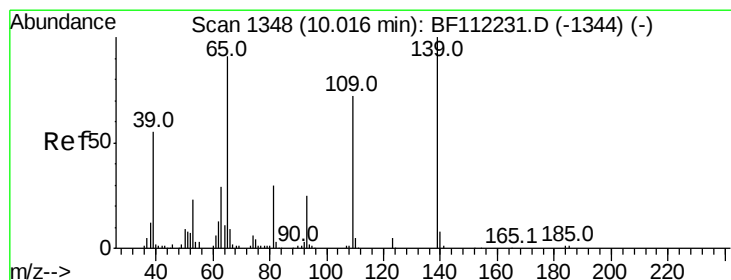
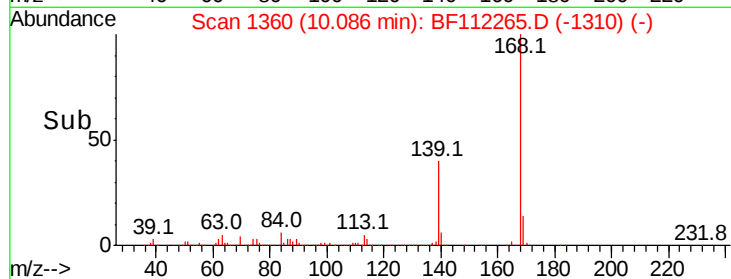
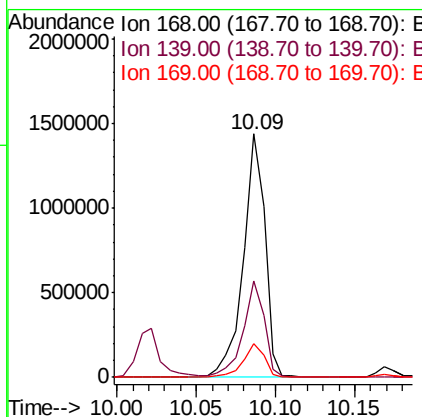
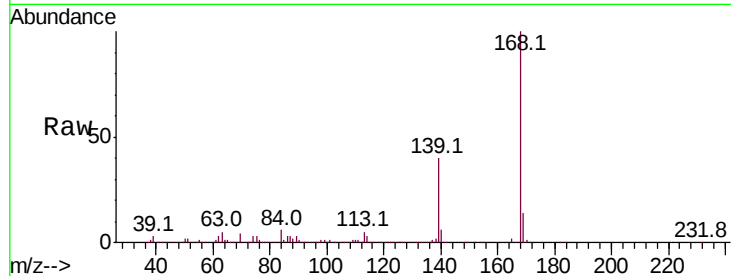
#55
Dibenzofuran
Concen: 39.827 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.2	43.8
169	13.6	11.4	17.0

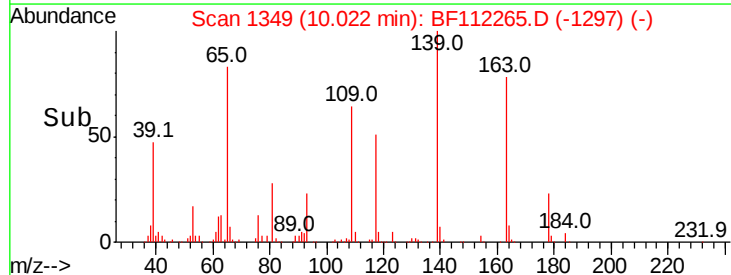
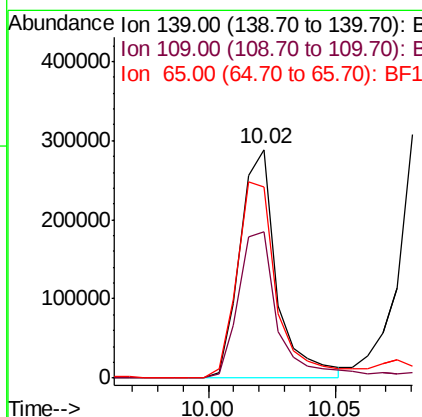
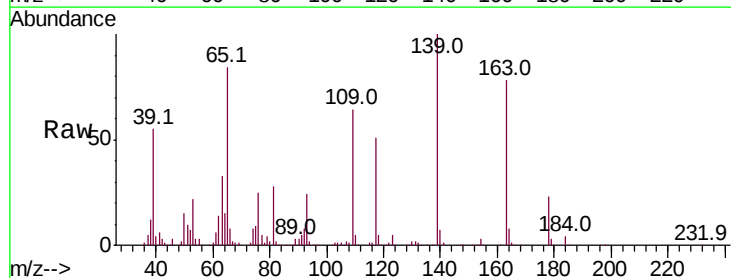
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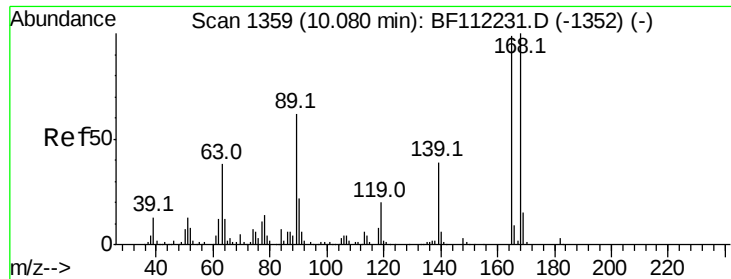
mohammad
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#56
4-Nitrophenol
Concen: 78.420 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	42.8	82.8
65	83.8	66.1	106.1





#57

2,4-Dinitrotoluene

Concen: 40.494 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:165 Resp: 336571
Ion Ratio Lower Upper

165 100

63 43.3 27.9 41.9#

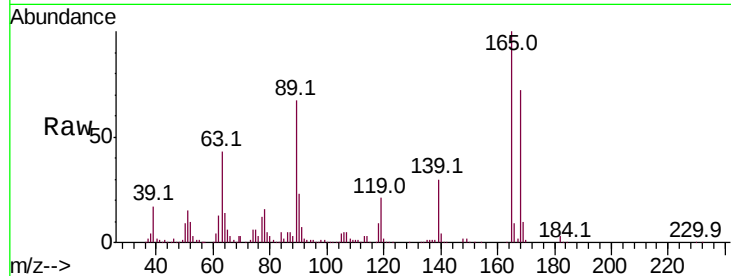
89 67.1 47.9 71.9

182 2.5 2.2 3.4

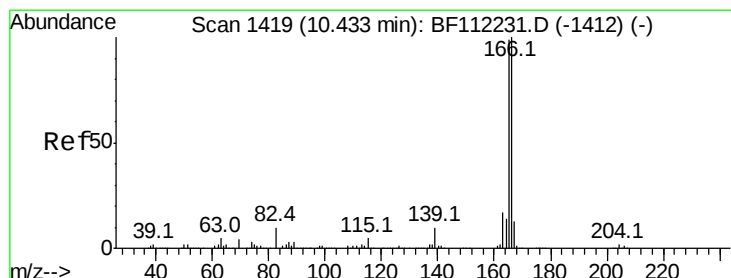
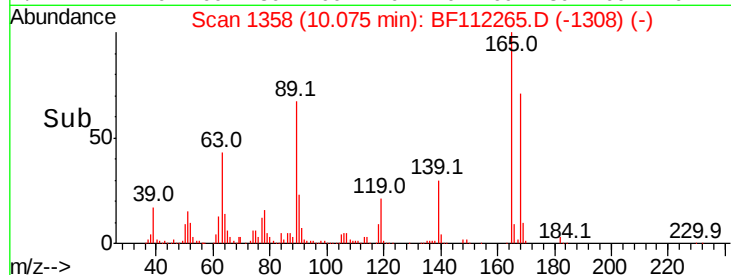
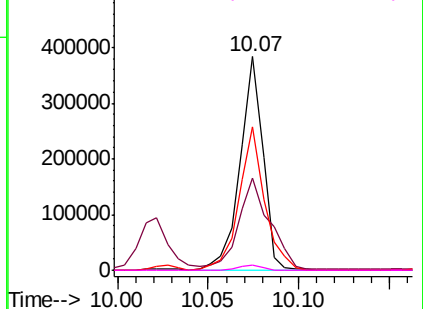
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Abundance Ion 165.00 (164.70 to 165.70): E
600000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.663 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF112265.D

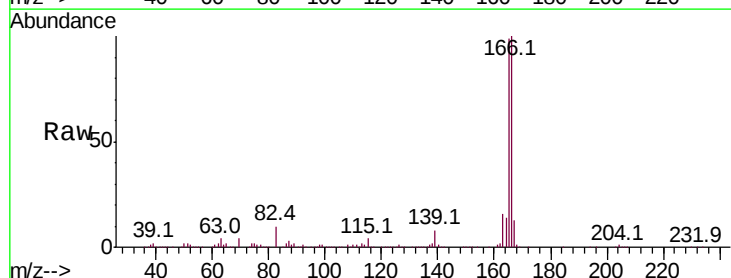
Acq: 28 Jan 2019 10:51

Tgt Ion:166 Resp: 1086585
Ion Ratio Lower Upper

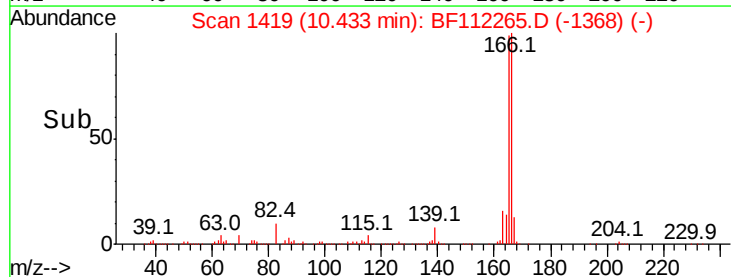
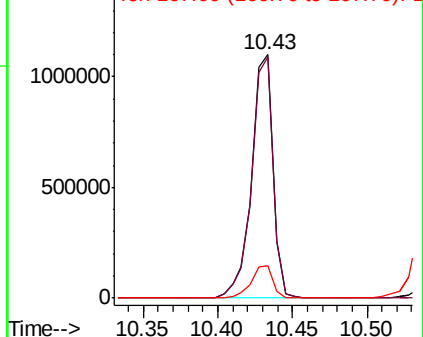
166 100

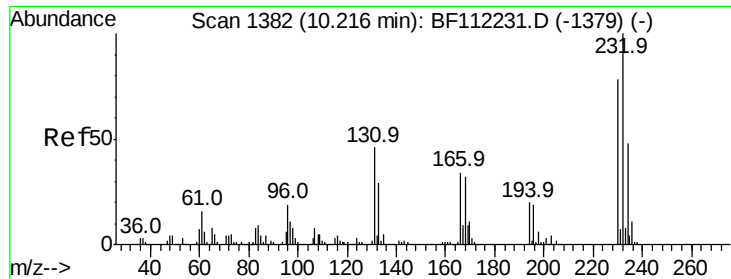
165 98.9 77.1 115.7

167 13.4 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
1500000
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: 46.069 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

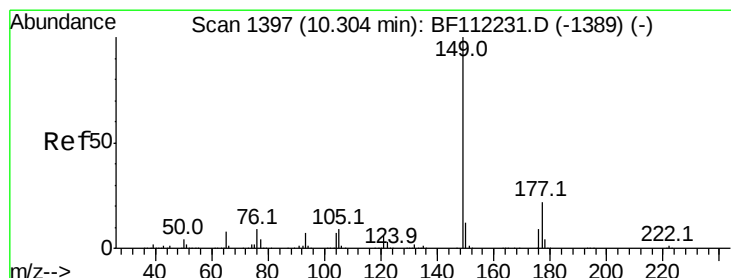
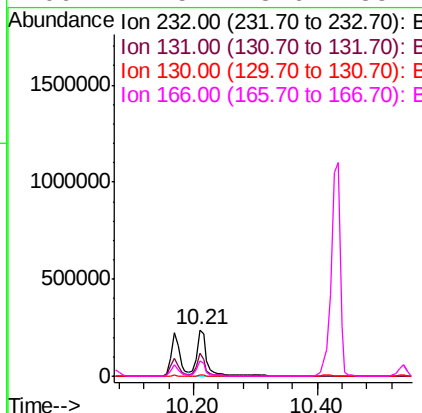
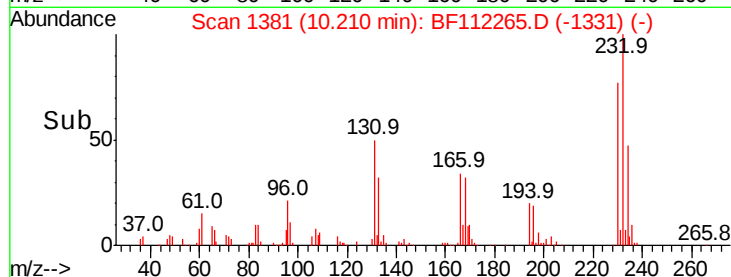
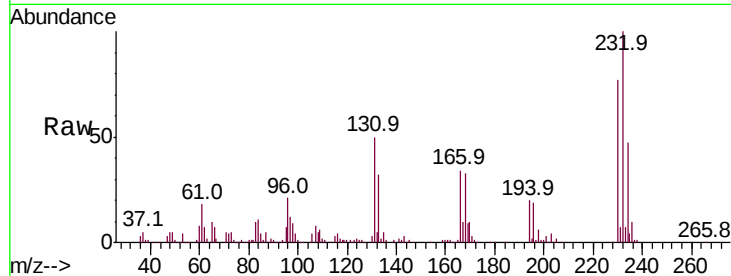
ClientSampleId :

PB116607BSD

Tot Ion:	232	Resp:	276302
Ion Ratio	Lower	Upper	
232	100		
131	40.3	33.9	50.9
130	2.6	1.8	2.6
166	27.5	23.6	35.4

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#60

Diethylphthalate

Concen: 39.732 ng

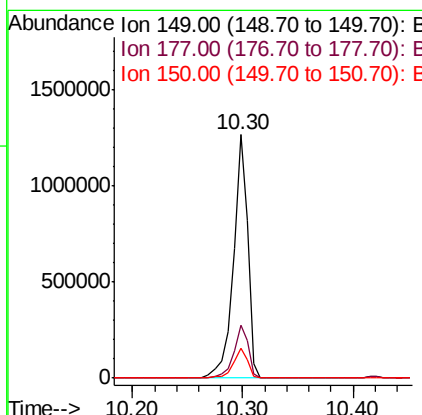
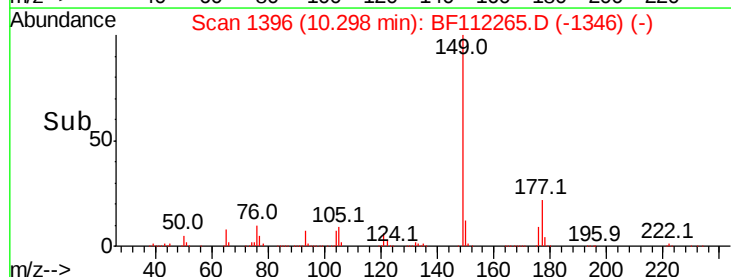
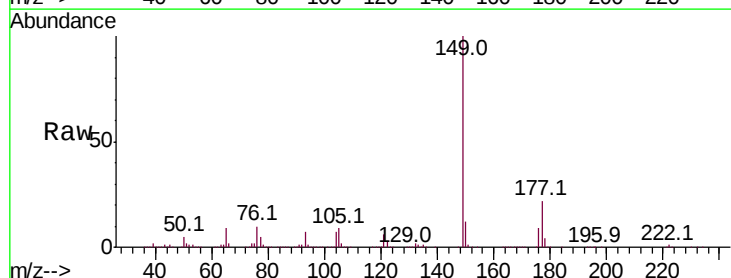
RT: 10.30 min Scan# 1396

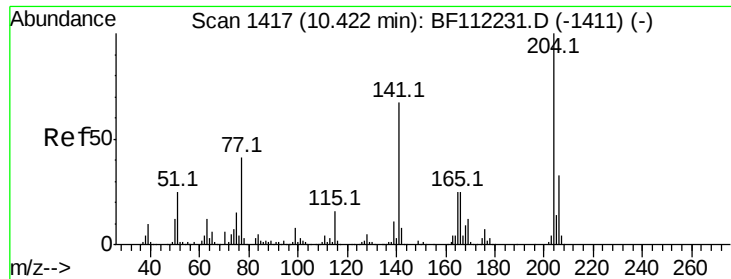
Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:	149	Resp:	1149433
Ion Ratio	Lower	Upper	
149	100		
177	21.7	18.2	27.2
150	12.3	10.4	15.6





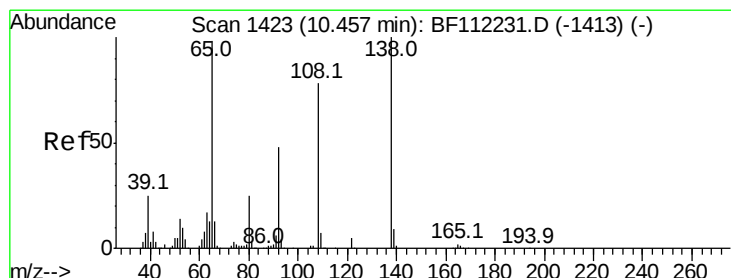
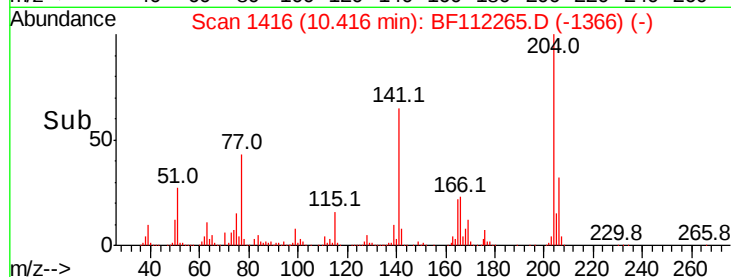
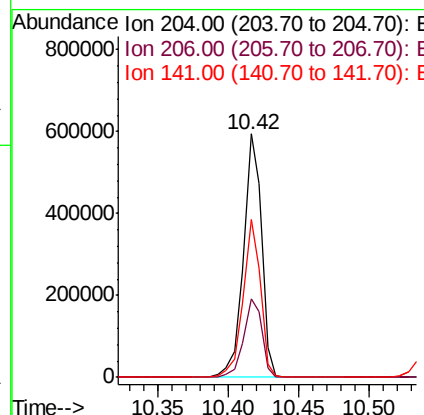
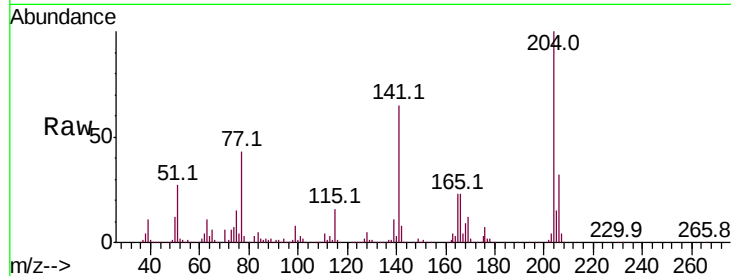
#61
4-Chlorophenyl-phenylether
Concen: 38.303 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	64.6	45.9	68.9

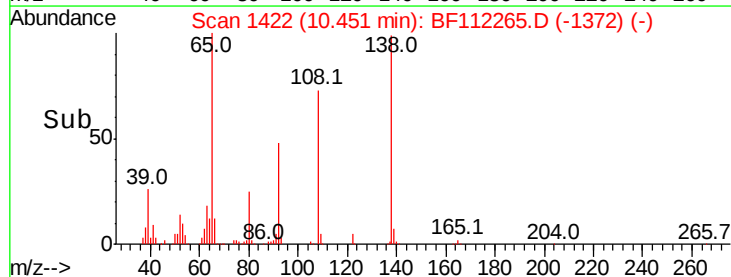
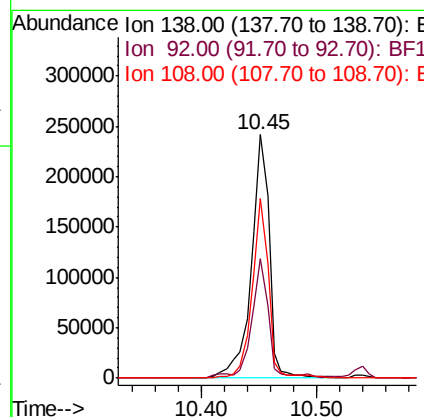
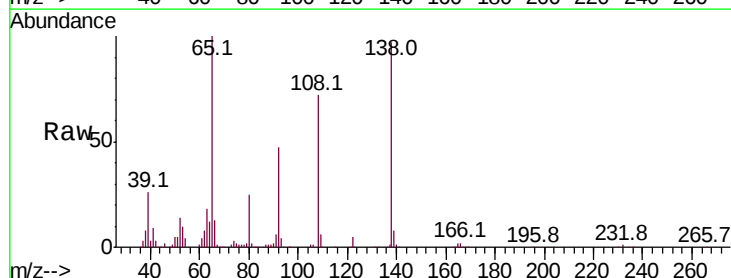
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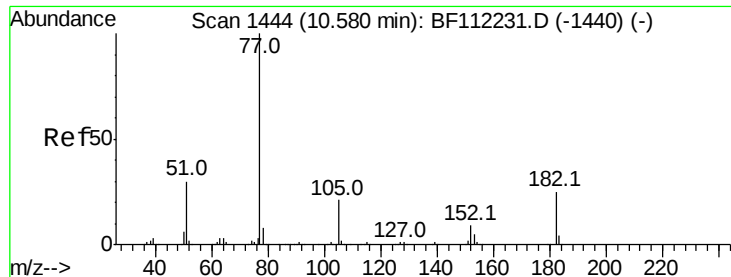
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#62
4-Nitroaniline
Concen: 37.577 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.6	70.6
108	73.9	50.0	90.0





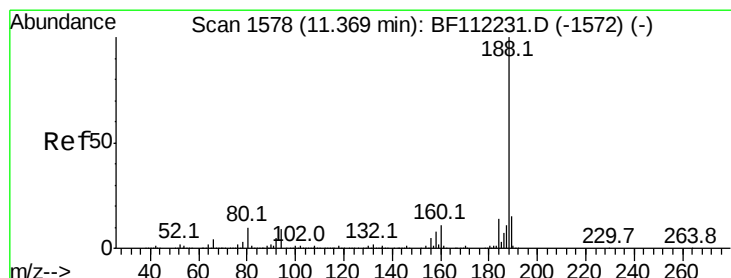
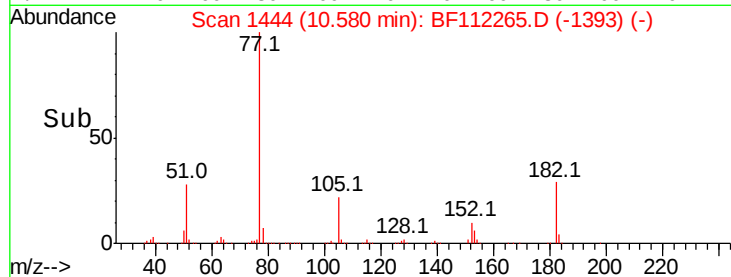
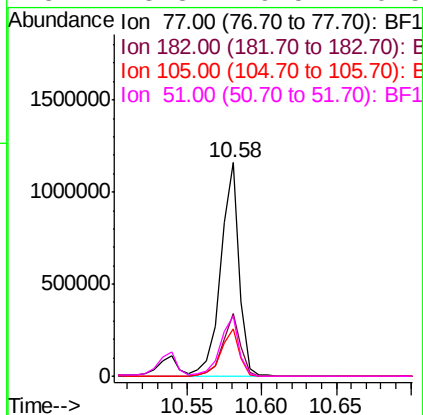
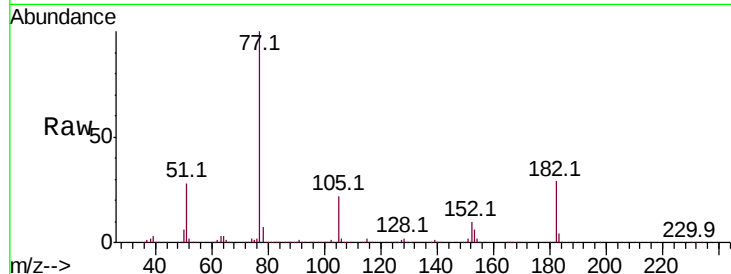
#63
Azobenzene
Concen: 39.398 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.2	5.7	45.7
105	22.4	1.4	41.4
51	28.3	9.5	49.5

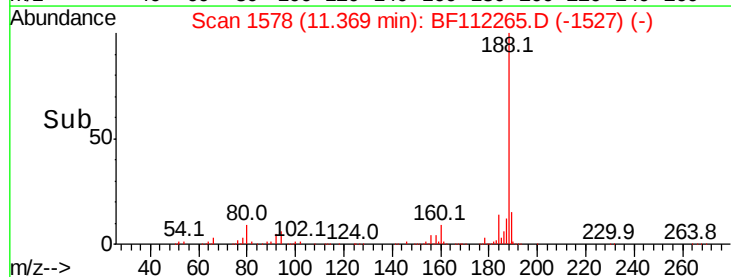
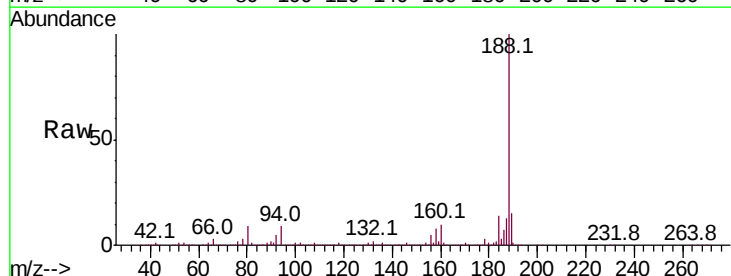
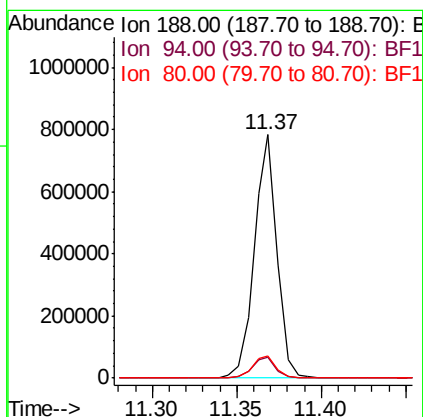
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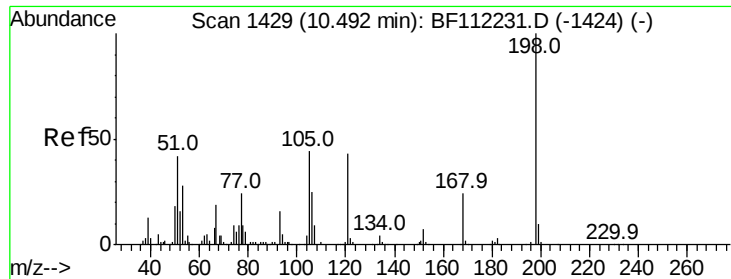
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.2	8.9	13.3





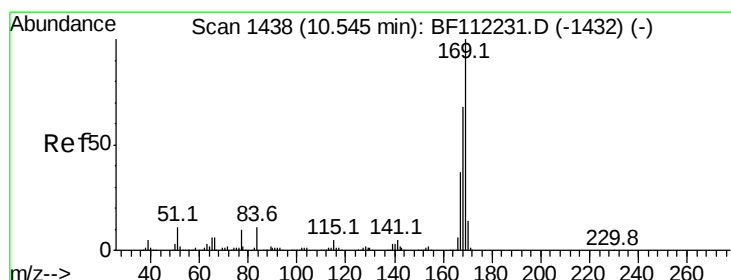
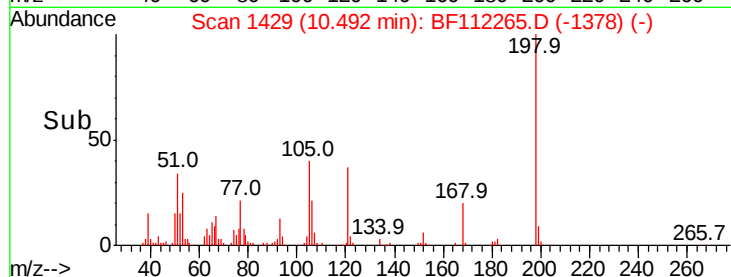
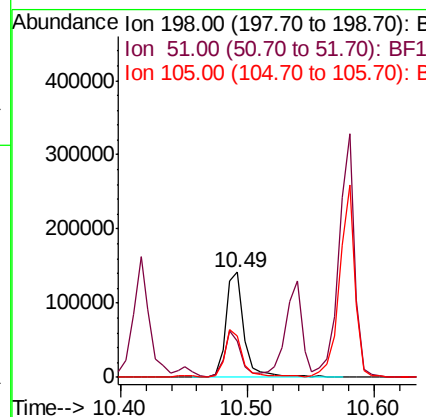
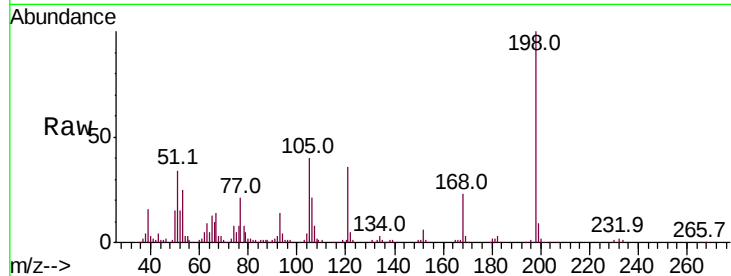
#65
4,6-Dinitro-2-methylphenol
Concen: 34.893 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	142879		
51	34.0		17.2	57.2
105	39.5		21.9	61.9

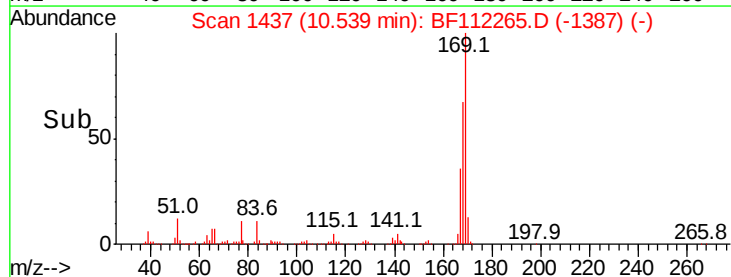
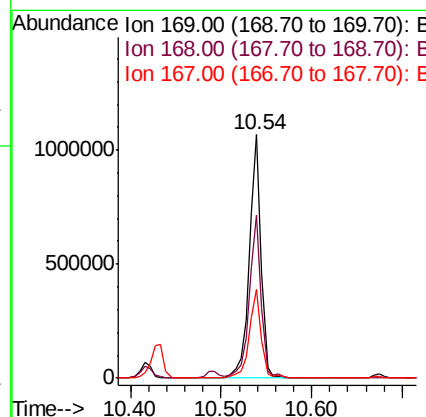
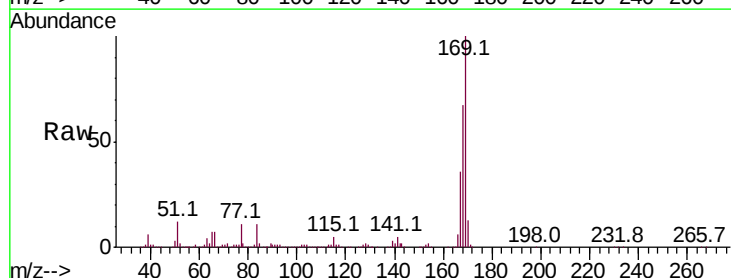
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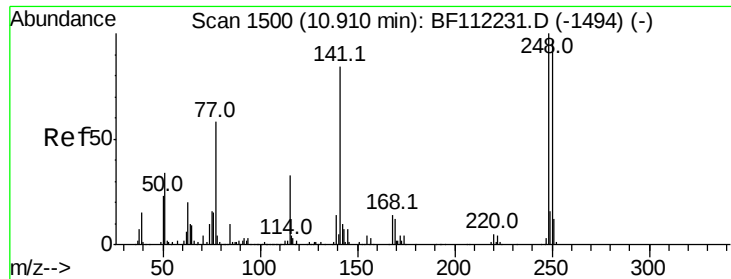
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#66
n-Nitrosodiphenylamine
Concen: 39.155 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	963800		
168	66.9		53.9	80.9
167	36.5		28.9	43.3





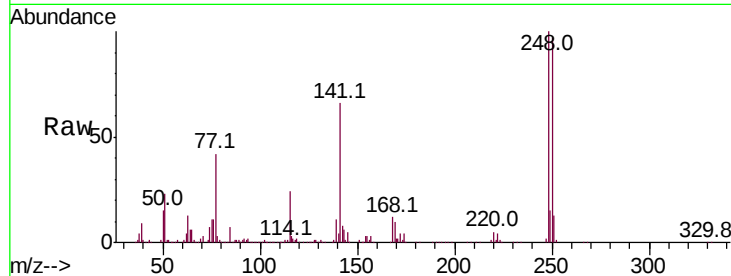
#67
4-Bromophenyl-phenylether
Concen: 38.596 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.7	119.5
141	65.9	60.3	90.5

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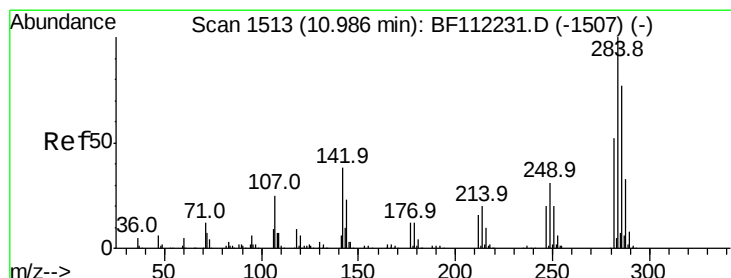
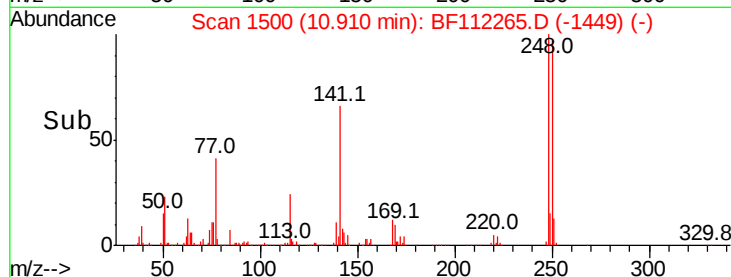
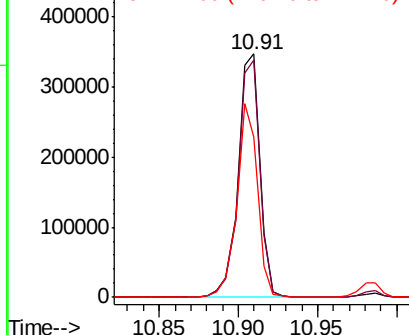


Abundance

Ion 248.00 (247.70 to 248.70): E

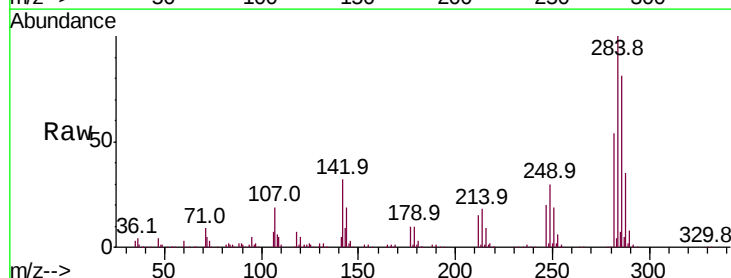
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.346 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	27.6	41.4
249	30.4	24.1	36.1

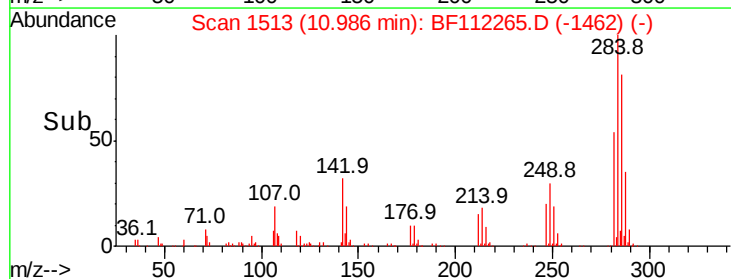
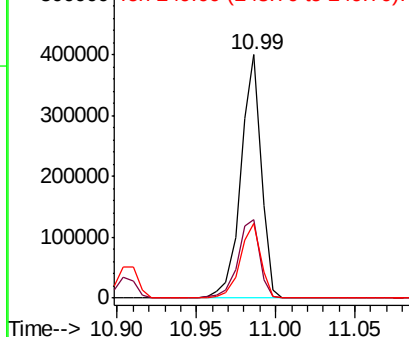


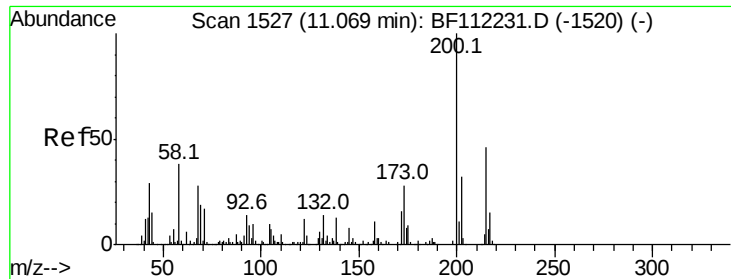
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





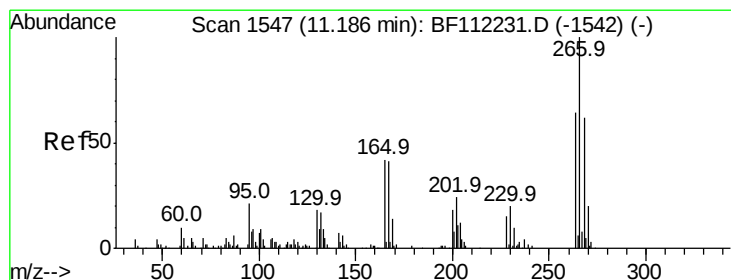
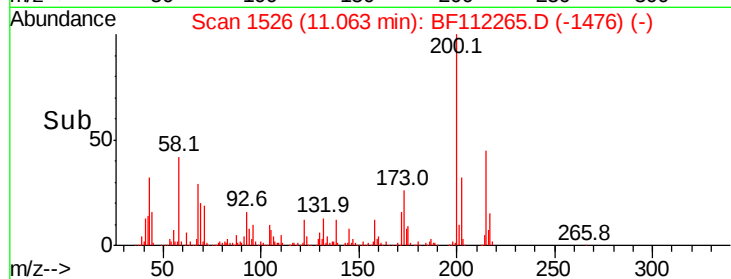
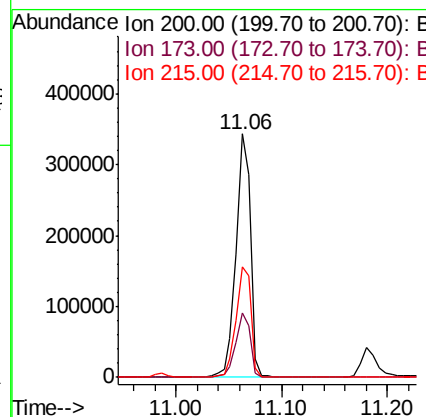
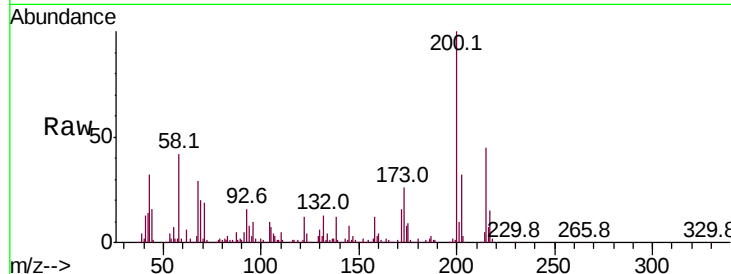
#69
Atrazine
Concen: 40.755 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	7.1	47.1
215	45.4	30.4	70.4

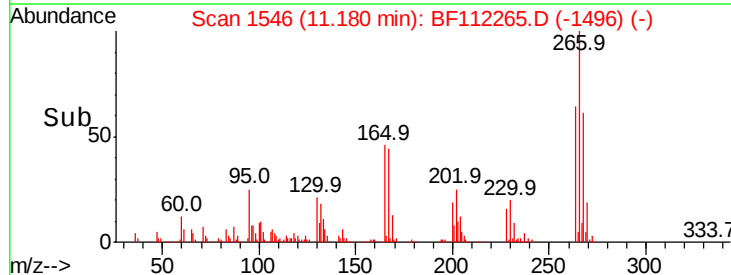
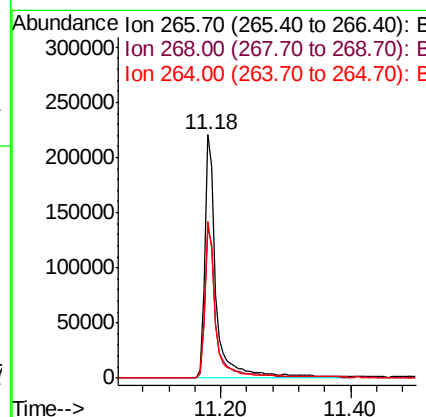
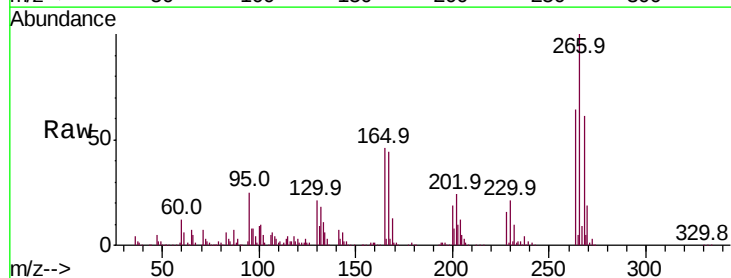
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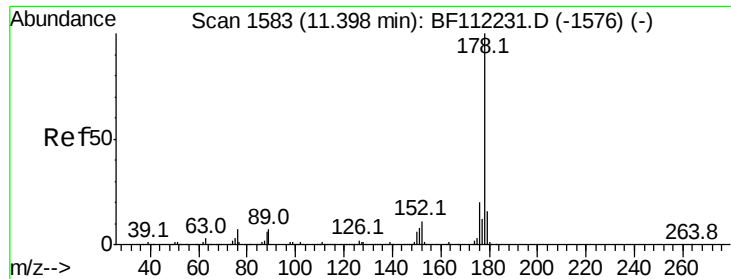
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#70
Pentachlorophenol
Concen: 74.110 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.5	51.2	76.8
264	64.1	50.9	76.3





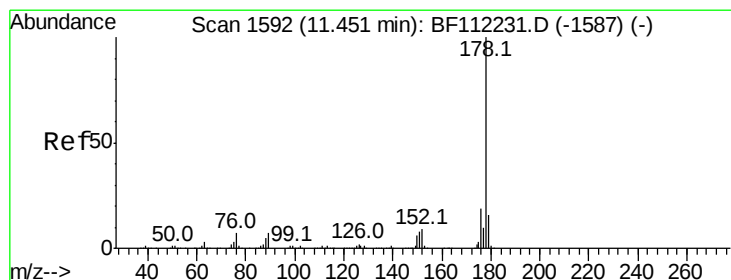
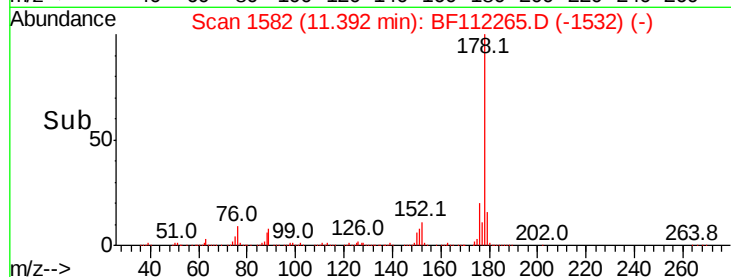
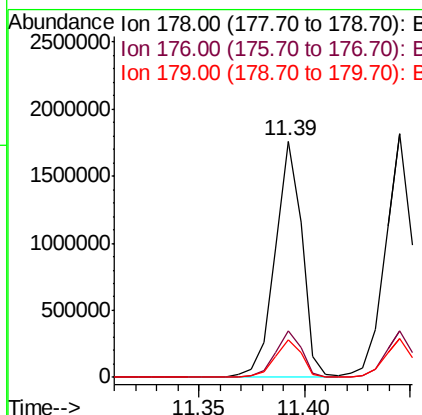
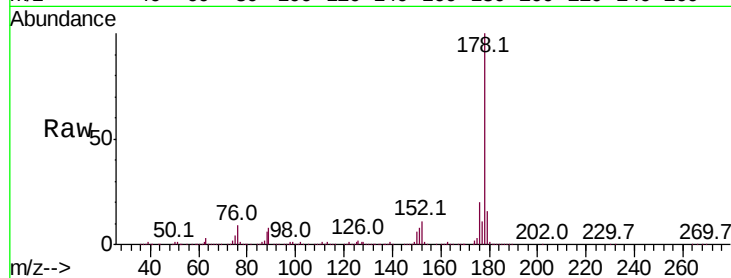
#71
Phenanthrene
Concen: 41.009 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.7	13.0	19.4

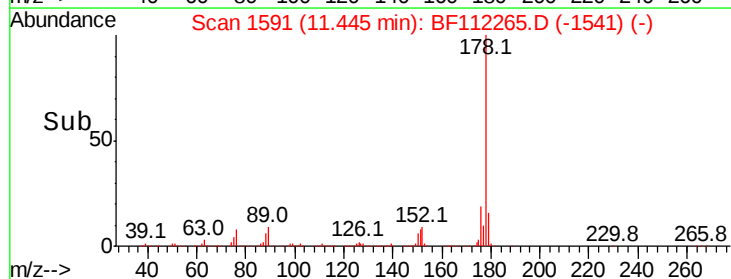
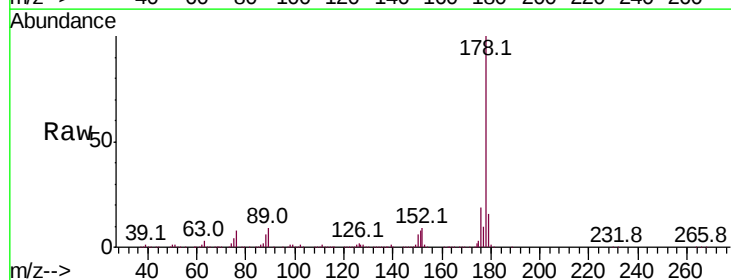
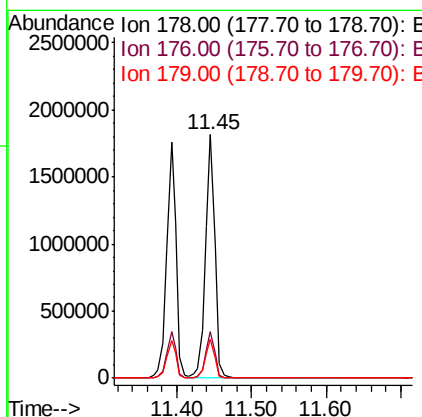
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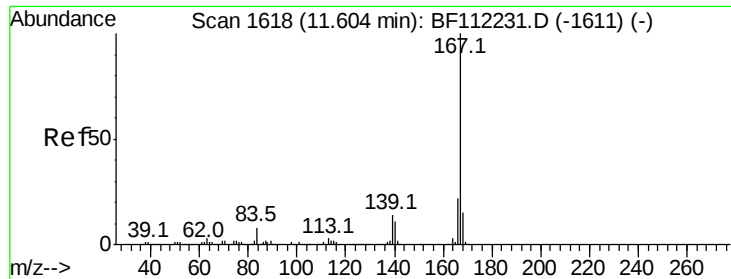
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#72
Anthracene
Concen: 42.623 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.2	12.8	19.2





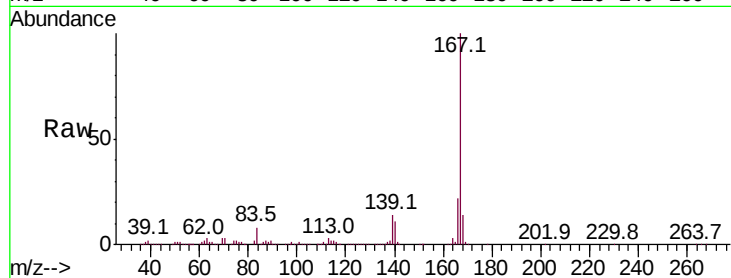
#73
 Carbazole
 Concen: 37.862 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB116607BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.5	10.2	15.2

Manual Integrations
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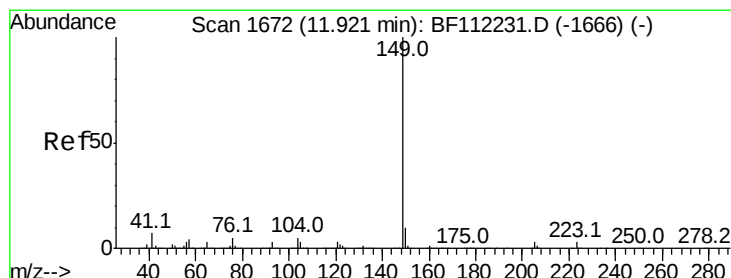
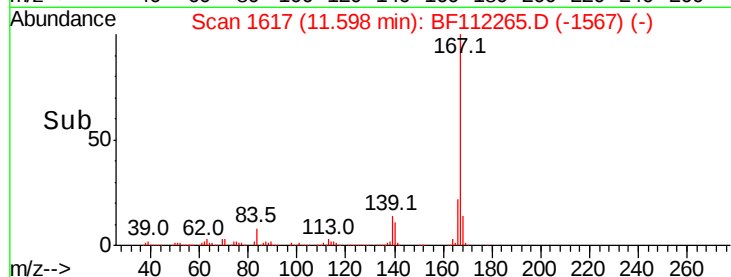
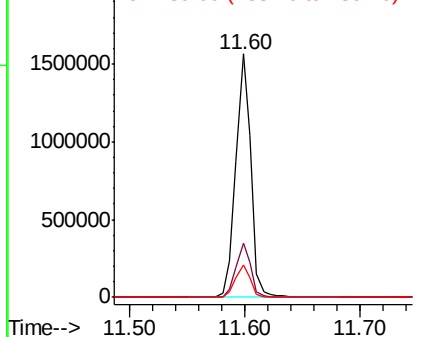


Abundance

Ion 167.00 (166.70 to 167.70): E

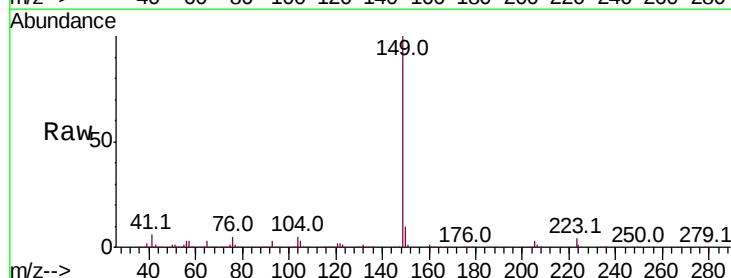
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.429 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112265.D
 Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.7	3.9	5.9

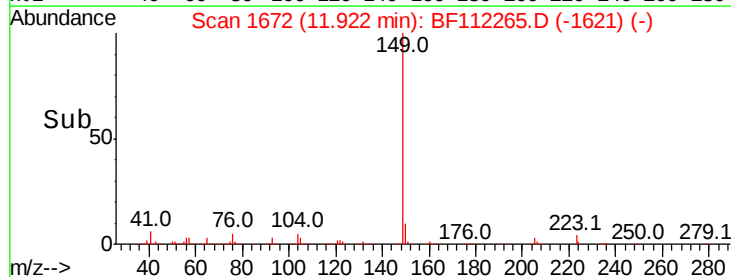
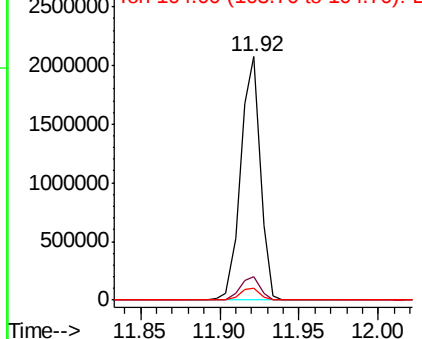


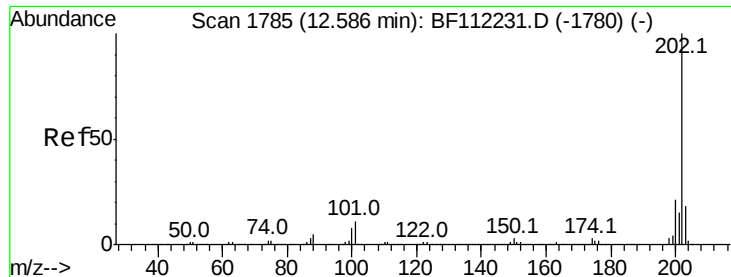
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





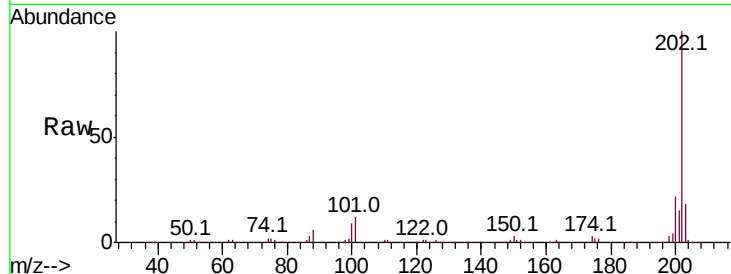
#75
Fluoranthene
Concen: 40.563 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.8
203	18.2	0.0	38.4

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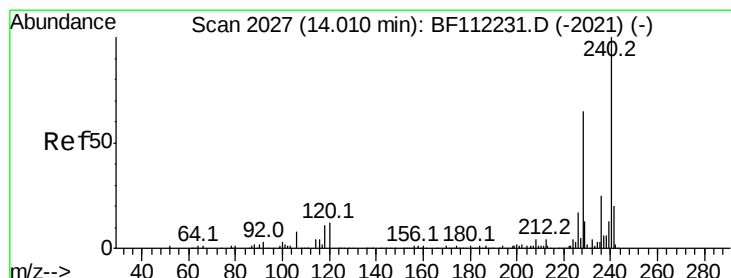
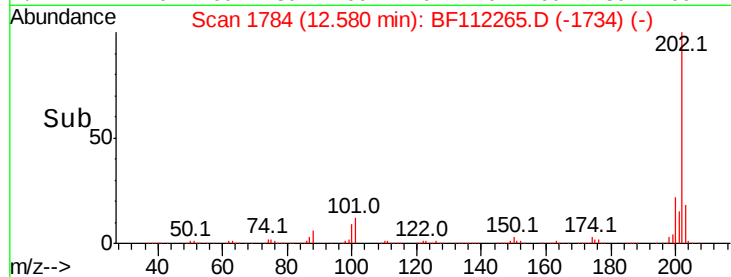
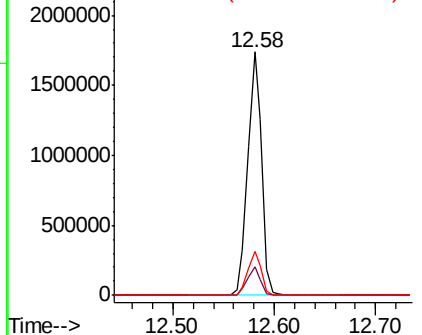


Abundance

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: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

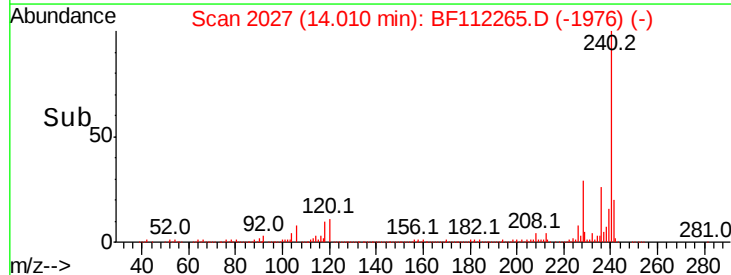
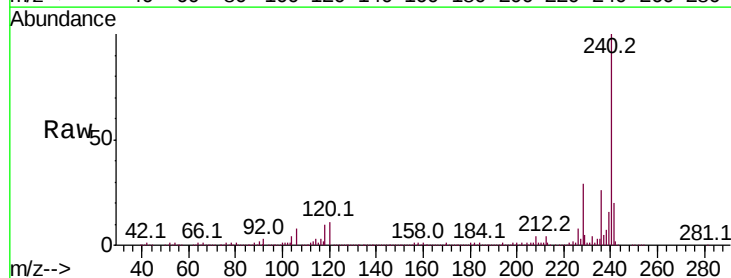
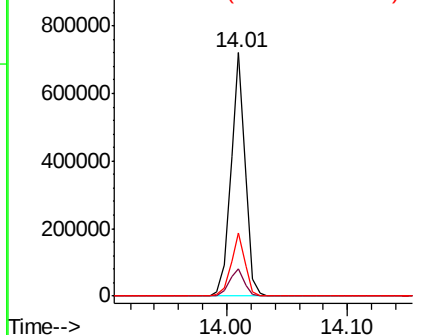
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	26.0	20.7	31.1

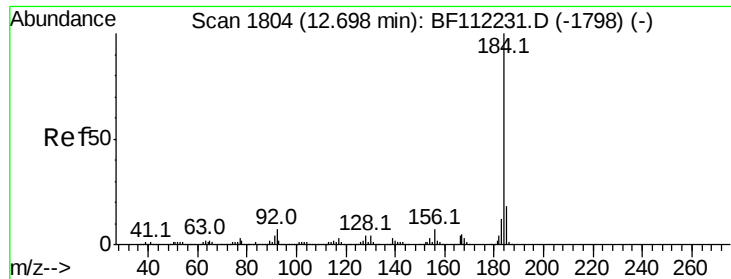
Abundance

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





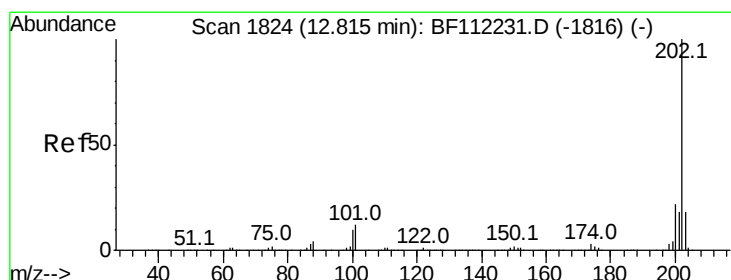
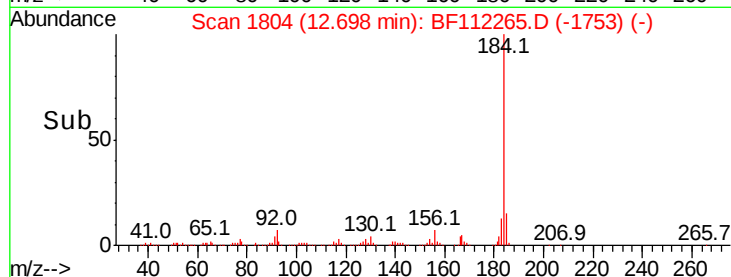
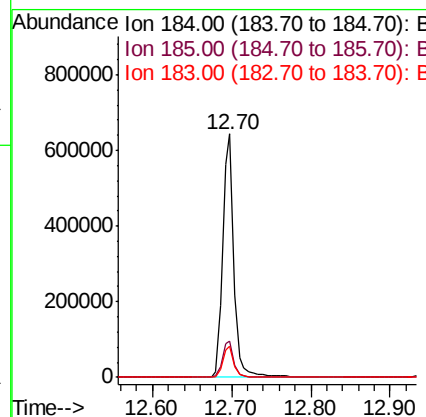
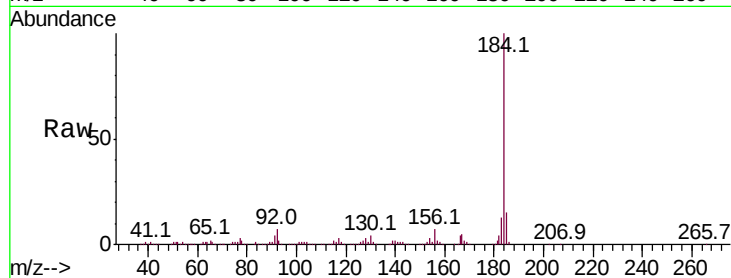
#77
Benzidine
Concen: 39.272 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.9	20.9
183	12.6	10.0	15.0

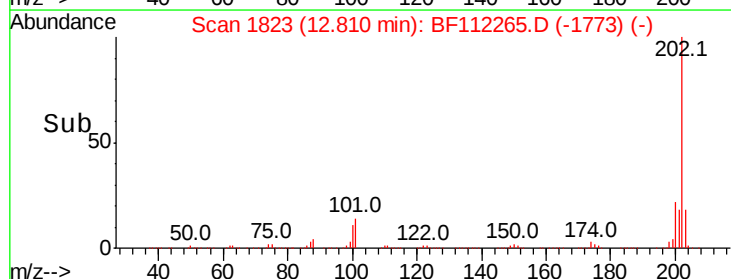
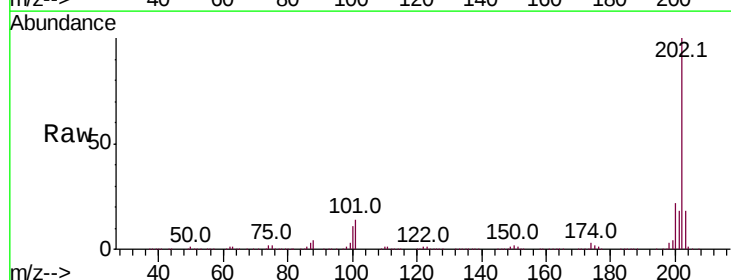
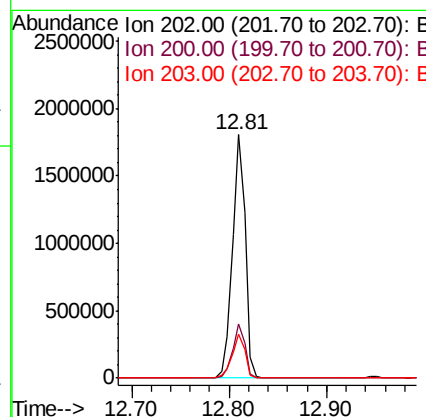
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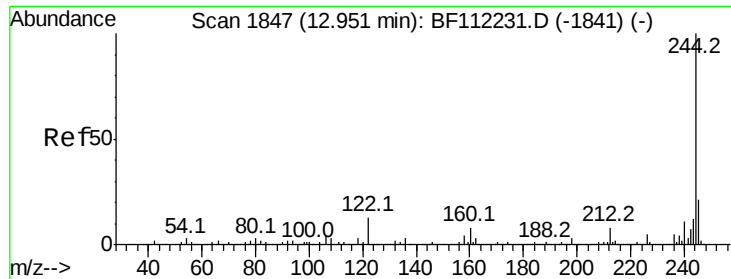
mohammad
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#78
Pyrene
Concen: 40.682 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.1	14.6	22.0





#79

Terphenyl-d14

Concen: 73.680 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:244 Resp: 2289612

Ion Ratio Lower Upper

244 100

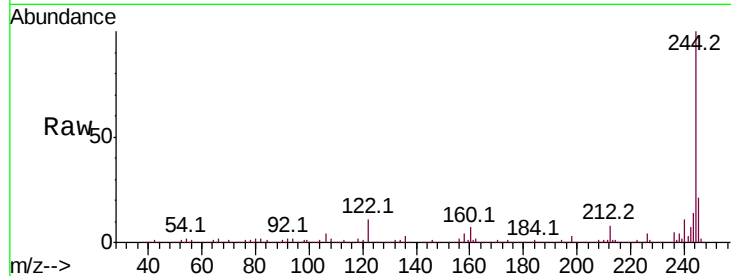
212 7.5 5.9 8.9

122 11.4 9.8 14.6

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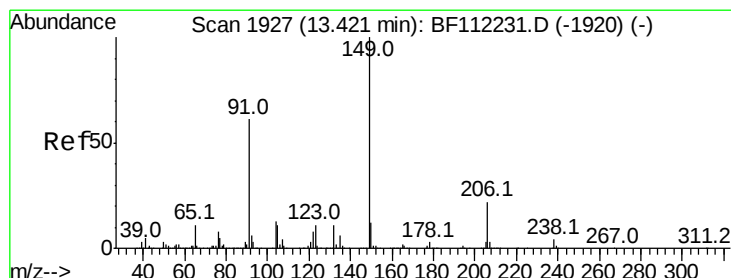
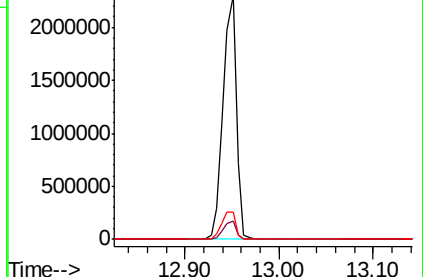
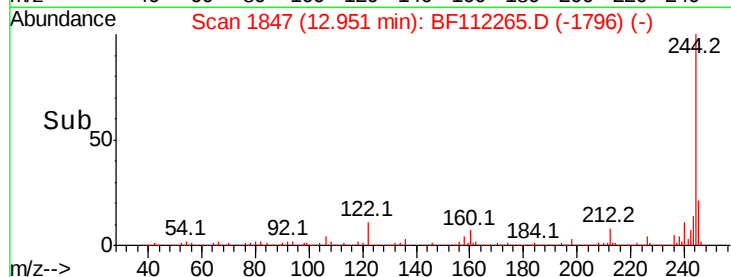
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.264 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

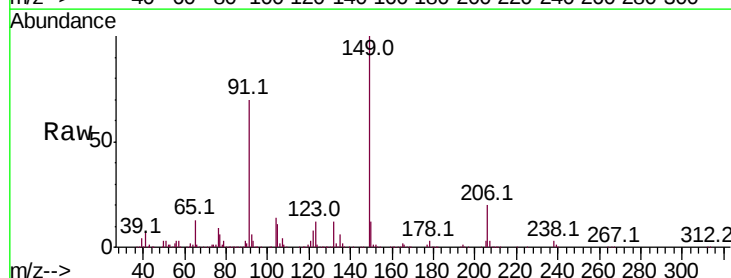
Tgt Ion:149 Resp: 769776

Ion Ratio Lower Upper

149 100

91 69.7 50.3 75.5

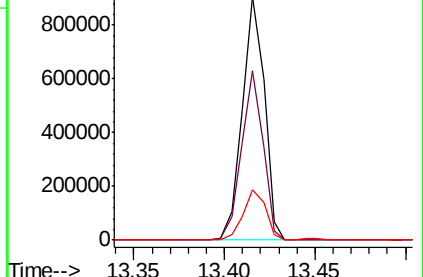
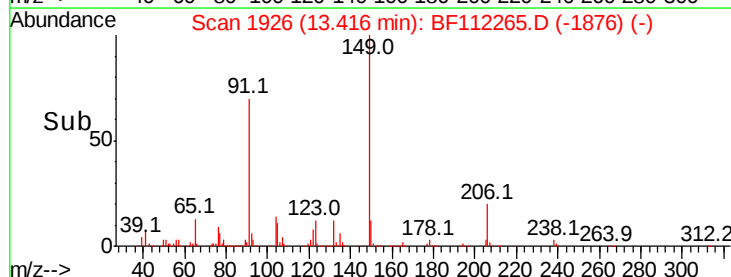
206 20.4 18.2 27.4

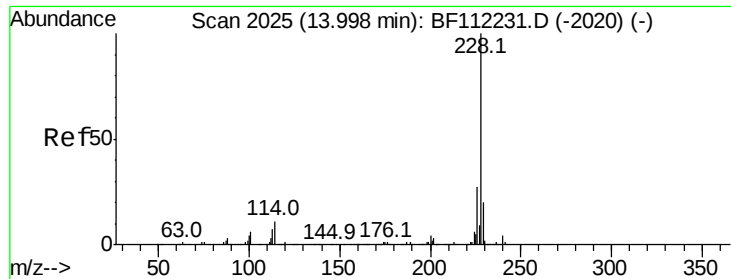


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





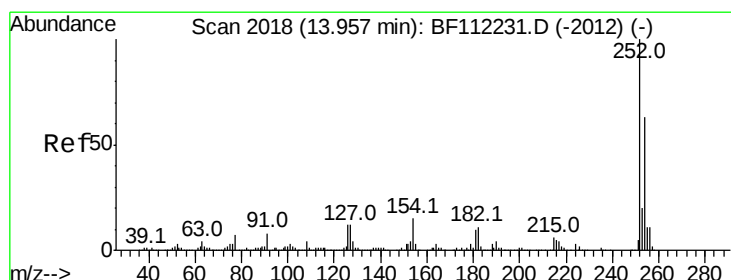
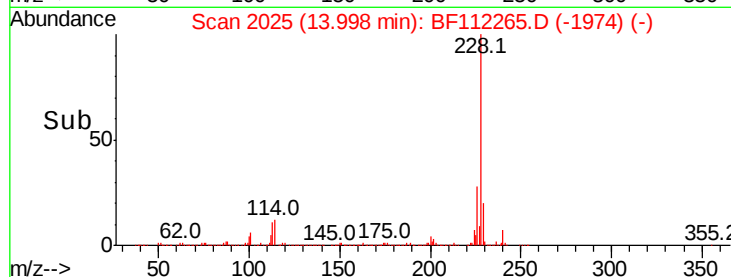
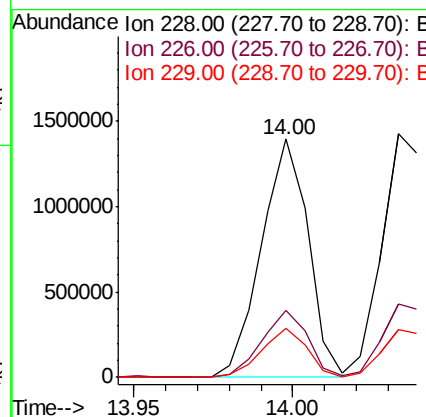
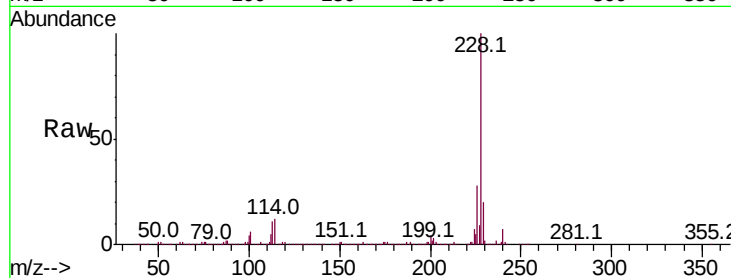
#81
Benzo(a)anthracene
Concen: 41.779 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	20.3	16.5	24.7

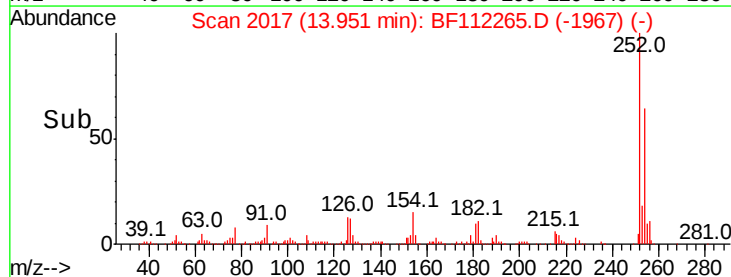
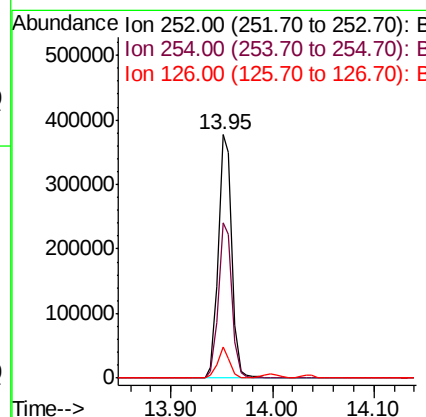
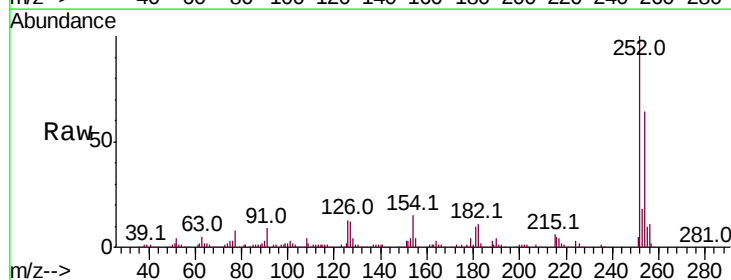
Manual Integrations
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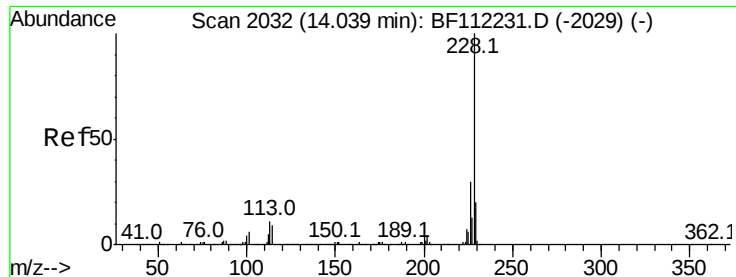
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#82
3,3'-Dichlorobenzidine
Concen: 27.349 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.6	77.4
126	12.5	8.6	12.8





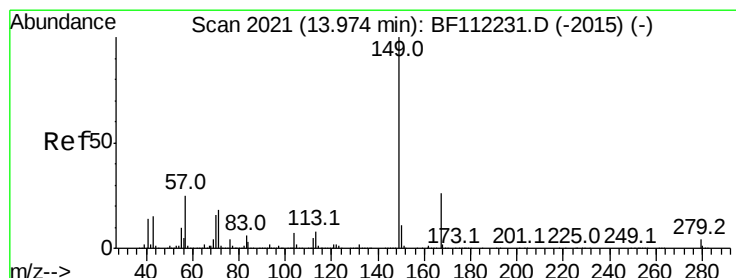
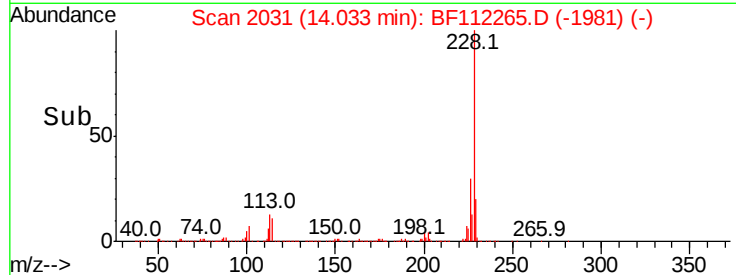
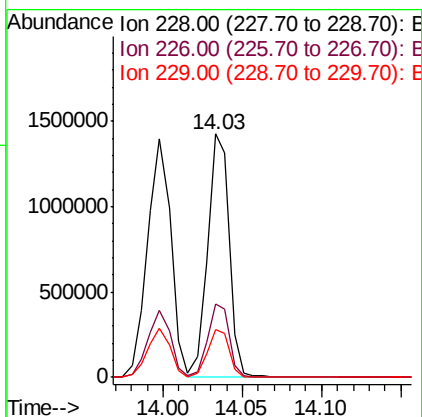
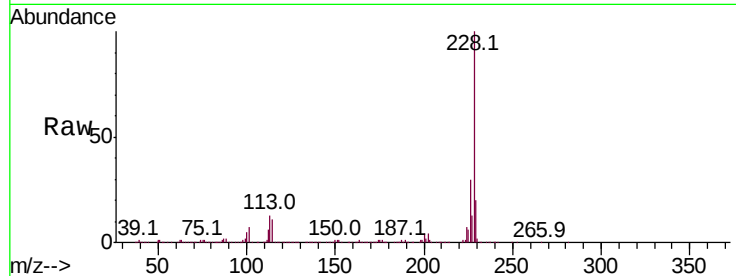
#83
Chrysene
Concen: 41.223 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PB116607BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.9	16.6	24.8

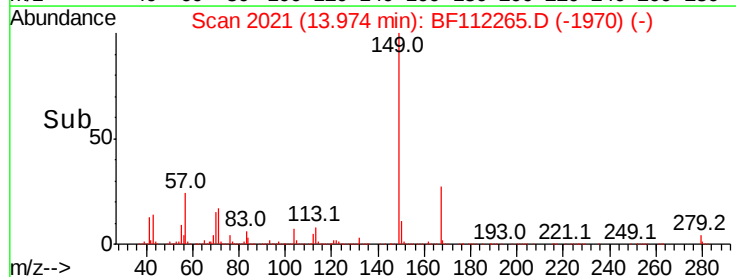
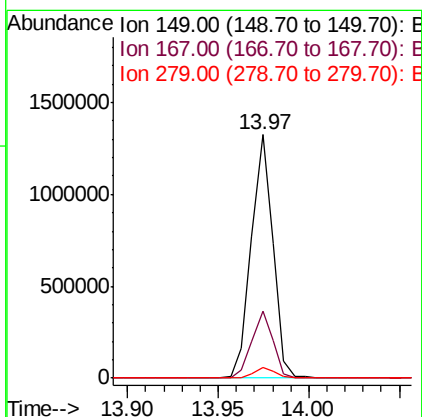
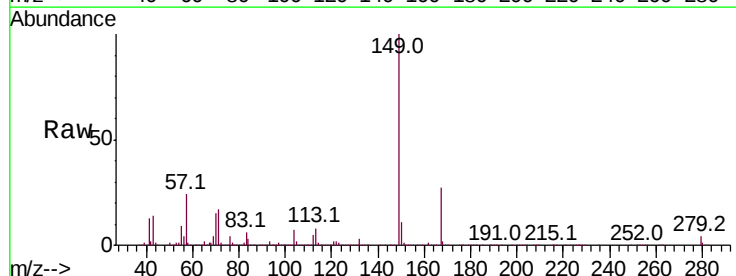
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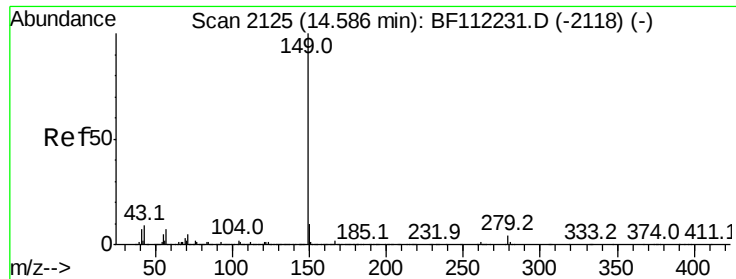
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.579 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF112265.D
Acq: 28 Jan 2019 10:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	4.2	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 40.611 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:149 Resp: 1738834

Ion Ratio Lower Upper

149 100

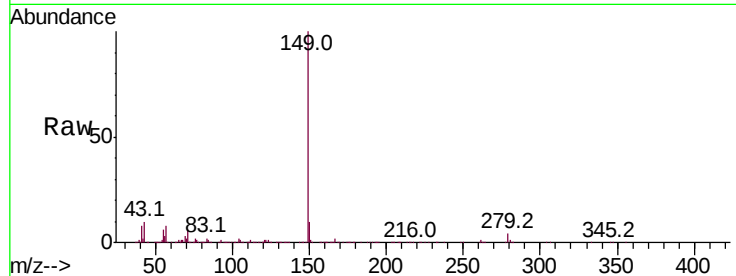
167 1.7 1.3 1.9

43 8.9 7.8 11.6

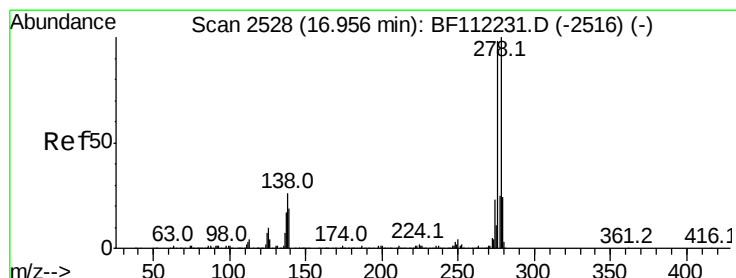
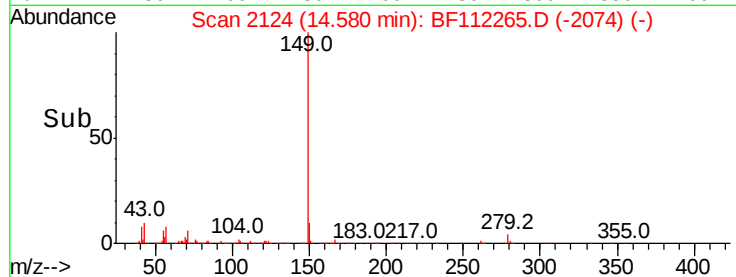
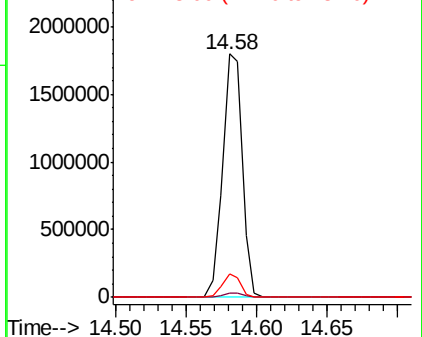
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.761 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

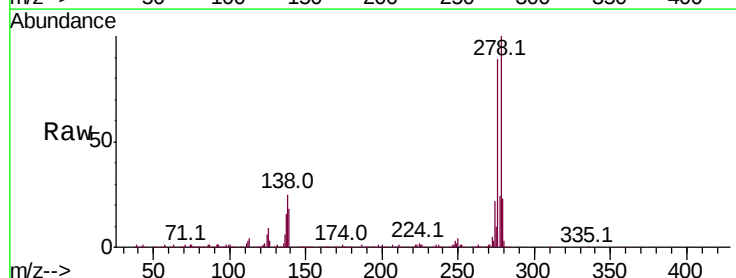
Tgt Ion:276 Resp: 1164855

Ion Ratio Lower Upper

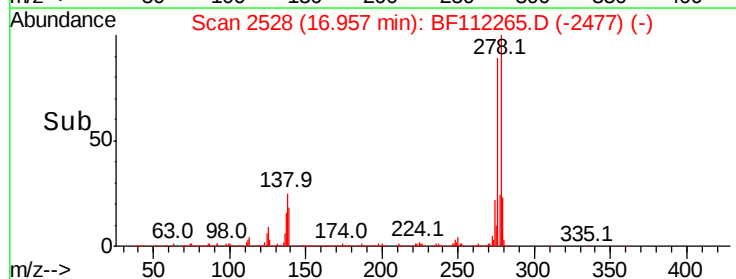
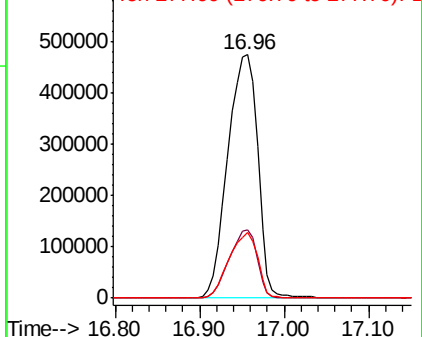
276 100

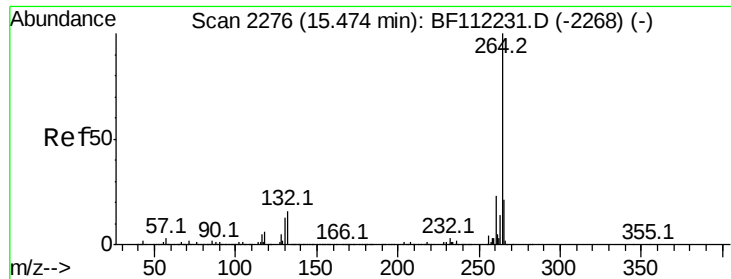
138 26.2 22.6 34.0

277 25.9 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

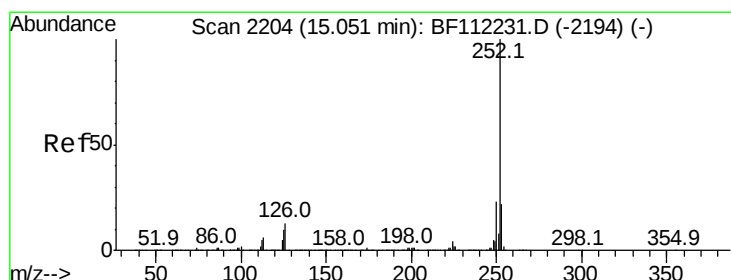
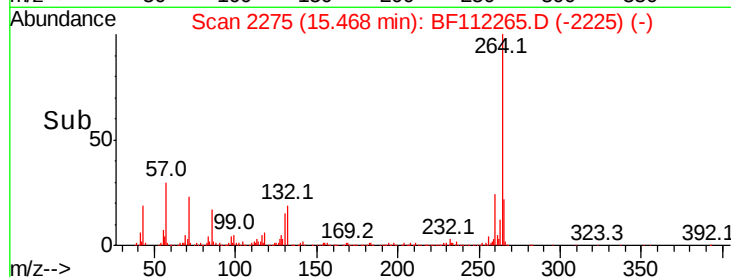
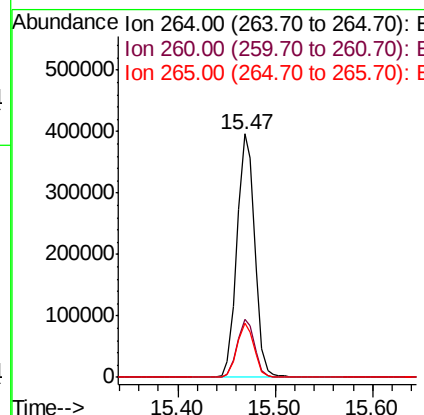
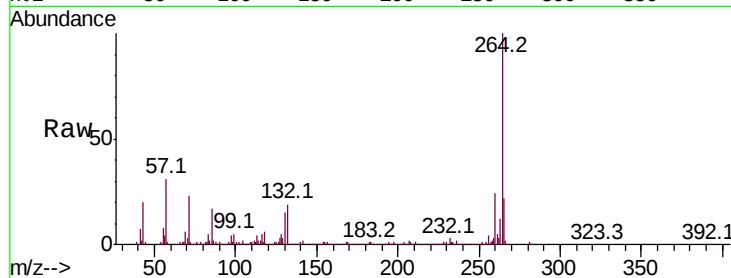
ClientSampleId :

PB116607BSD

Tot Ion:	264	Resp:	501302
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.2
265	22.1	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 45.080 ng

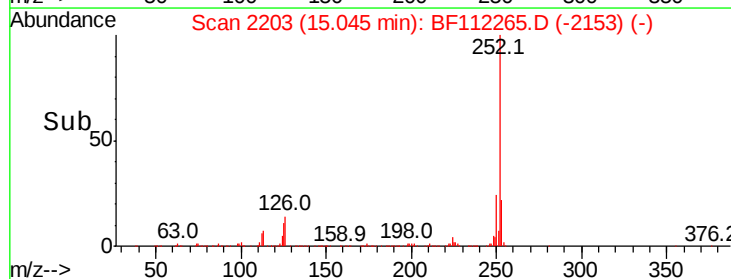
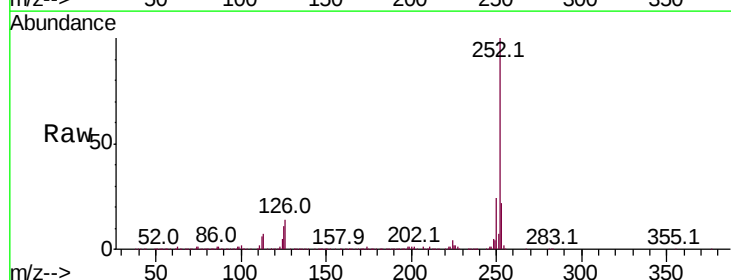
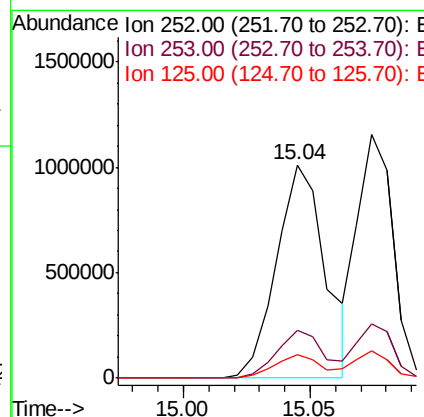
RT: 15.04 min Scan# 2203

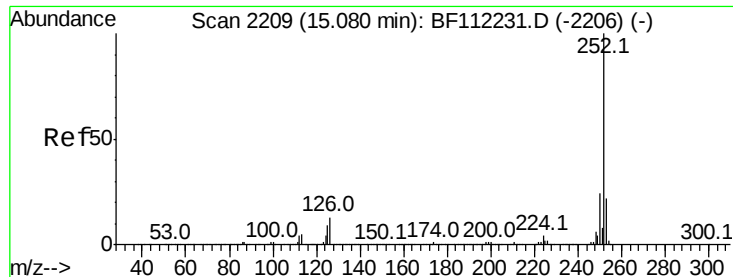
Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:	252	Resp:	1351523
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	11.2	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 39.598 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PB116607BSD

Tot Ion:252 Resp: 1137128

Ion Ratio Lower Upper

252 100

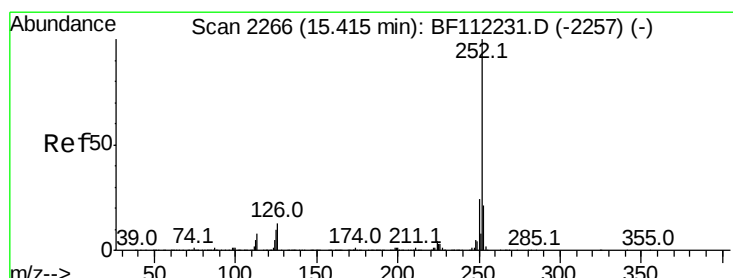
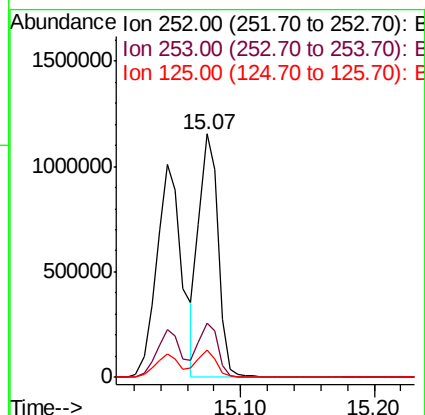
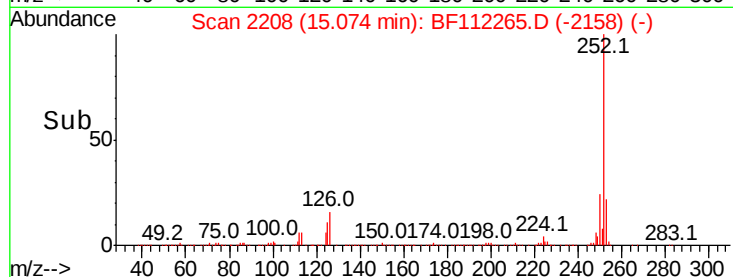
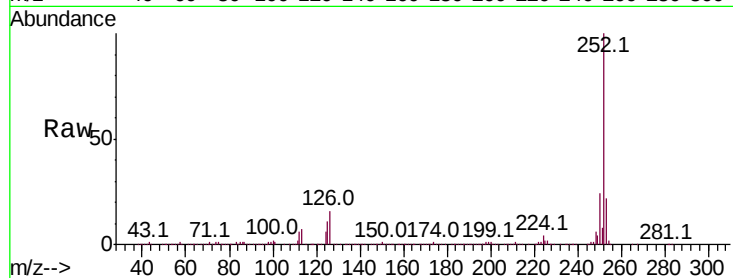
253 22.5 18.0 27.0

125 11.3 9.1 13.7

Manual Integrations
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1/29/2019 9:34:47 AM



#90

Benzo(a)pyrene

Concen: 43.843 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

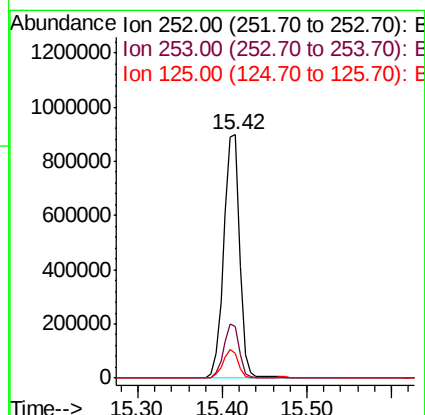
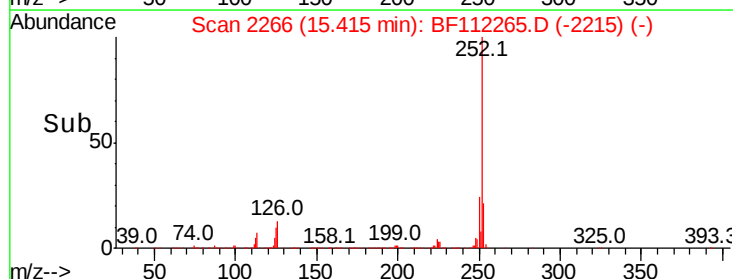
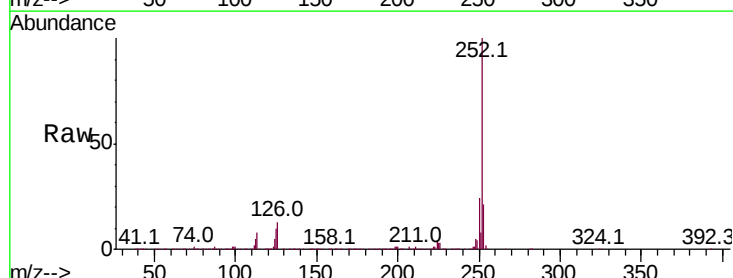
Tgt Ion:252 Resp: 1182712

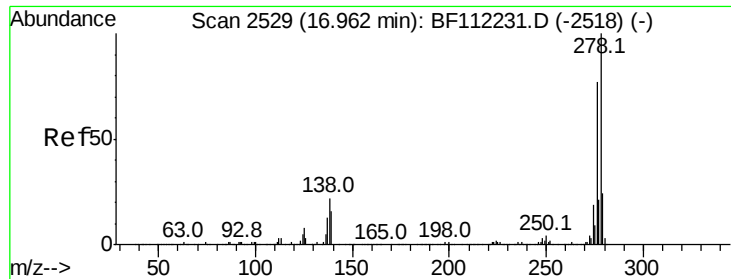
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 10.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 44.815 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Instrument :

BNA_F

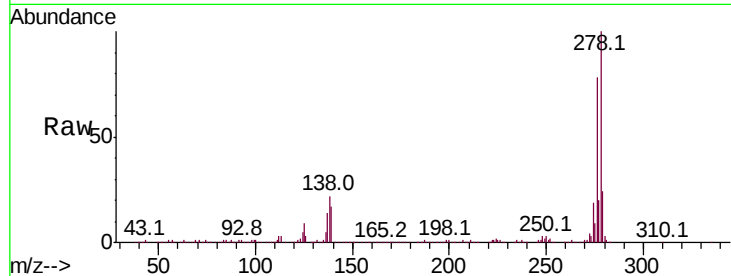
ClientSampleId :

PB116607BSD

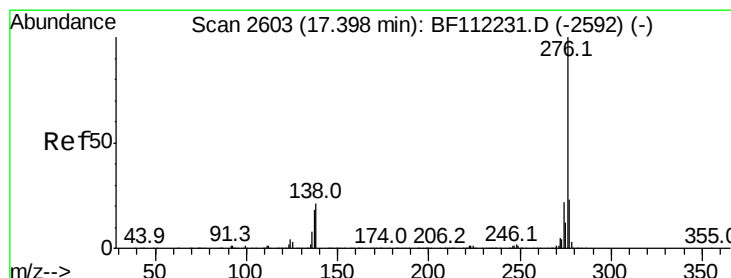
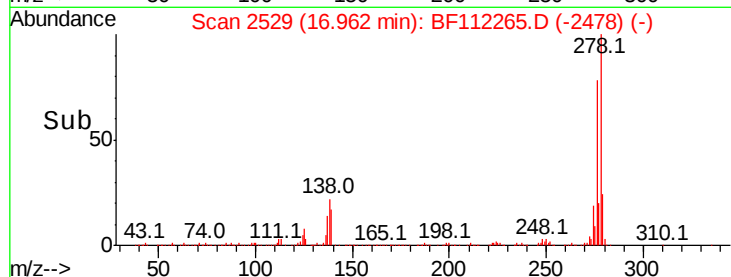
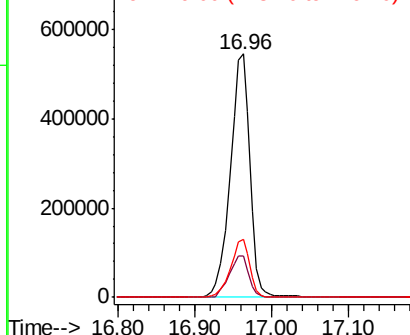
Tot Ion:	278	Resp:	974320
Ion Ratio	Lower	Upper	
278	100		
139	17.2	13.7	20.5
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.882 ng

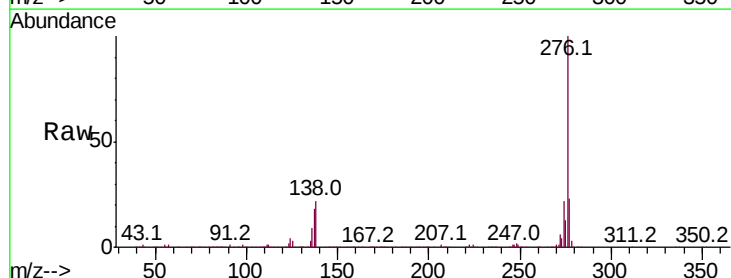
RT: 17.40 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BF112265.D

Acq: 28 Jan 2019 10:51

Tgt Ion:	276	Resp:	941112
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.4	29.0
138	21.9	19.1	28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

