

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112269.D
 Acq On : 28 Jan 2019 12:45
 Operator : JU/SJ
 Sample : PB116645BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

Manual Integrations
 APPROVED

mohammad
 1/29/2019 9:34:52 AM

Quant Time: Jan 29 00:33:57 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	189003	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	742550	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	384774	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	763013	20.00	ng	0.00
76) Chrysene-d12	14.01	240	616776	20.00	ng	0.00
87) Perylene-d12	15.47	264	512017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1340287	150.62	ng	0.00
7) Phenol-d6	6.49	99	1672745	135.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	995827	77.27	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	576774	128.78	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2072283	76.17	ng	0.00
79) Terphenyl-d14	12.95	244	2376771	72.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	168356	47.496	ng	95
3) Pyridine	3.44	79	443503	49.187	ng	99
4) n-Nitrosodimethylamine	3.38	42	201167	53.103	ng	94
6) Aniline	6.50	93	416831	28.340	ng	# 24
8) 2-Chlorophenol	6.63	128	493500	41.227	ng	96
9) Benzaldehyde	6.39	77	108696	16.819	ng	98
10) Phenol	6.50	94	546339	40.275	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	427144	39.996	ng	99
12) 1,3-Dichlorobenzene	6.79	146	540597	38.778	ng	98
13) 1,4-Dichlorobenzene	6.86	146	545528	38.023	ng	98
14) 1,2-Dichlorobenzene	7.01	146	509537	37.932	ng	96
15) Benzyl Alcohol	6.99	79	403064	38.671	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	547817	39.951	ng	78
17) 2-Methylphenol	7.10	107	384496	40.520	ng	94
18) Hexachloroethane	7.35	117	197026	39.107	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	324951	38.114	ng	99
20) 3+4-Methylphenols	7.26	107	490362	40.411	ng	# 77
22) Acetophenone	7.25	105	652842	36.106	ng	# 97
24) Nitrobenzene	7.42	77	486482	37.798	ng	99
25) Isophorone	7.66	82	878714	43.464	ng	97
26) 2-Nitrophenol	7.74	139	268310	39.009	ng	94
27) 2,4-Dimethylphenol	7.78	122	427469	45.108	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	556792	40.447	ng	99
29) 2,4-Dichlorophenol	7.99	162	429216	40.474	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	469944	38.552	ng	98
31) Naphthalene	8.15	128	1414595	40.737	ng	99
32) Benzoic acid	7.92	122	222326	41.129	ng	98
33) 4-Chloroaniline	8.19	127	320007	21.164	ng	99
34) Hexachlorobutadiene	8.26	225	257952	36.061	ng	99
35) Caprolactam	8.56	113	133216m	35.609	ng	
36) 4-Chloro-3-methylphenol	8.69	107	429202	38.231	ng	100
37) 2-Methylnaphthalene	8.84	142	1012093	42.575	ng	99
38) 1-Methylnaphthalene	8.94	142	946757	41.552	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	464386	36.758	ng	98

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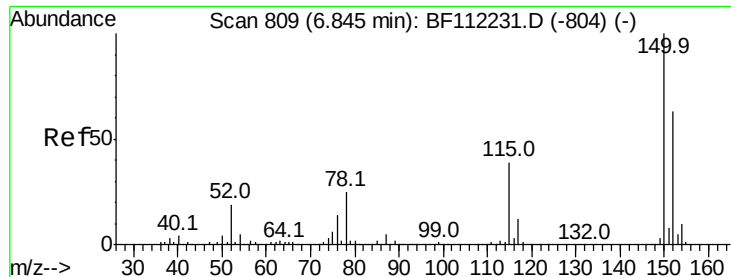
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	353442	74.553	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	295935	38.002	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	317795	39.047	nq	96
46) 1,1'-Biphenyl	9.30	154	1228345	36.516	nq	99
47) 2-Chloronaphthalene	9.33	162	941679	36.100	nq	97
48) 2-Nitroaniline	9.42	65	265353	37.322	nq	91
49) Acenaphthylene	9.75	152	1508095	39.444	nq	99
50) Dimethylphthalate	9.60	163	1137134	38.038	nq	99
51) 2,6-Dinitrotoluene	9.66	165	258710	38.640	nq	# 86
52) Acenaphthene	9.92	154	873925	38.263	nq	99
53) 3-Nitroaniline	9.83	138	173887	23.973	nq	94
54) 2,4-Dinitrophenol	9.95	184	183960	85.614	nq	96
55) Dibenzofuran	10.09	168	1324692	37.954	nq	96
56) 4-Nitrophenol	10.02	139	293674	76.580	nq	98
57) 2,4-Dinitrotoluene	10.07	165	337703	39.620	nq	92
58) Fluorene	10.43	166	1062868	40.694	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	261231	42.473	nq	100
60) Diethylphthalate	10.30	149	1125459	37.936	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	520279	36.619	nq	93
62) 4-Nitroaniline	10.45	138	256398	36.038	nq	96
63) Azobenzene	10.58	77	985520	37.771	nq	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	145342	33.975	nq	89
66) n-Nitrosodiphenylamine	10.54	169	934660	36.346	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	325547	36.276	nq	96
68) Hexachlorobenzene	10.98	284	352776	36.640	nq	95
69) Atrazine	11.06	200	321055	38.692	nq	96
70) Pentachlorophenol	11.18	266	269302	71.883	nq	99
71) Phenanthrene	11.39	178	1553224	39.156	nq	99
72) Anthracene	11.45	178	1604303	40.601	nq	100
73) Carbazole	11.60	167	1419662	36.422	nq	98
74) Di-n-butylphthalate	11.92	149	1792723	37.055	nq	99
75) Fluoranthene	12.58	202	1654290	38.882	nq	99
77) Benzidine	12.69	184	622151	36.649	nq	97
78) Pyrene	12.81	202	1673110	39.181	nq	99
80) Butylbenzylphthalate	13.42	149	781740	37.838	nq	95
81) Benzo(a)anthracene	14.00	228	1448390	39.948	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	372212	27.431	nq	97
83) Chrysene	14.03	228	1359942	39.294	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1101925	37.574	nq	99
85) Di-n-octyl phthalate	14.58	149	1713893	37.985	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1174466	42.826	nq	98
88) Benzo(b)fluoranthene	15.04	252	1245085	40.661	nq	98
89) Benzo(k)fluoranthene	15.07	252	1225136	41.770	nq	99
90) Benzo(a)pyrene	15.41	252	1157154	41.998	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	974297	43.876	nq	99
92) Benzo(g,h,i)perylene	17.40	276	971267	46.361	nq	97

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



#1

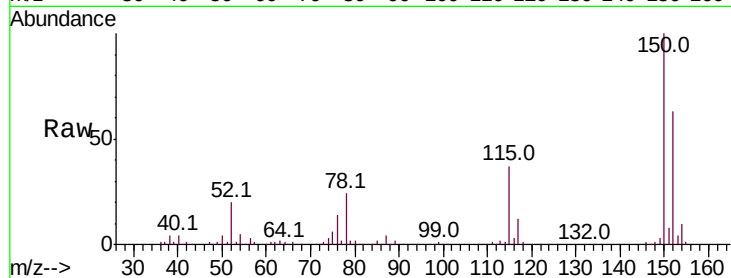
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.0
115	58.2	45.5	68.3

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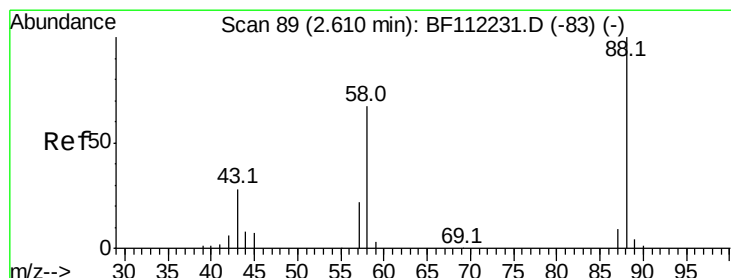
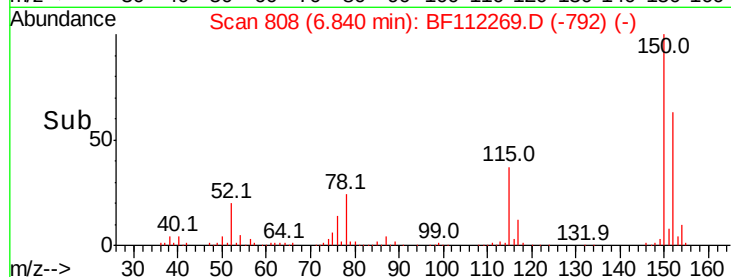
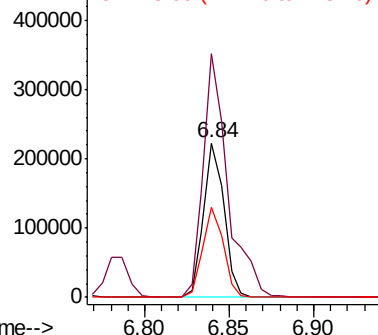


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

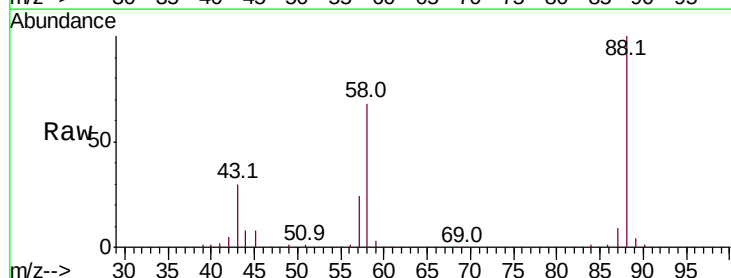
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.496 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.08 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	57.4	86.2
43	29.9	22.2	33.4

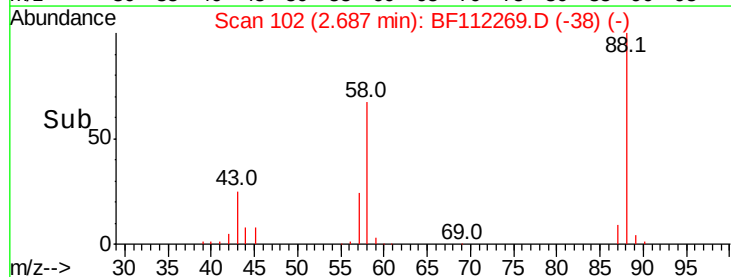
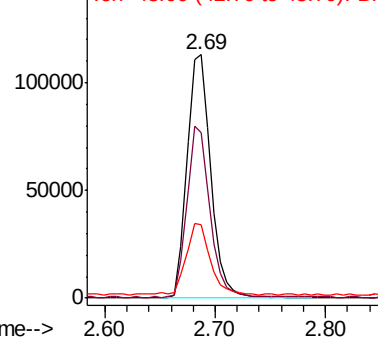


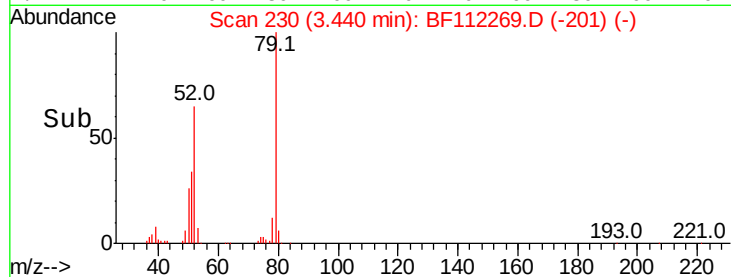
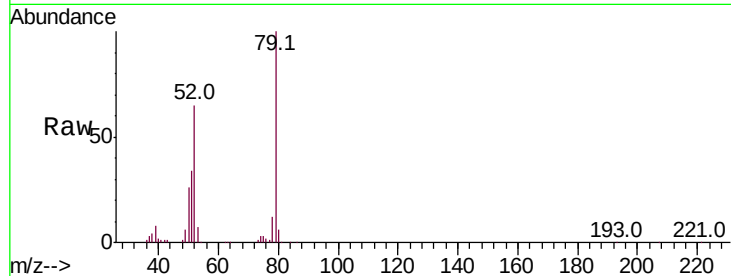
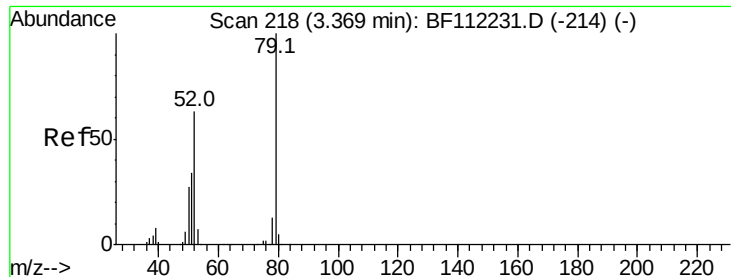
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





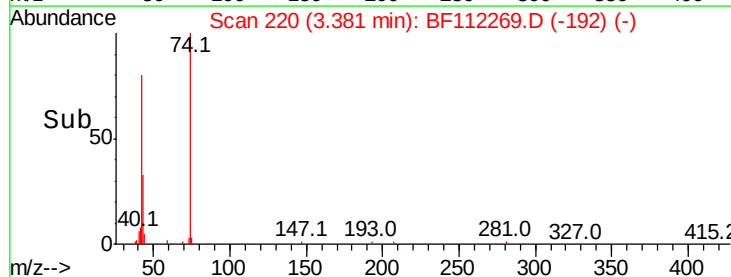
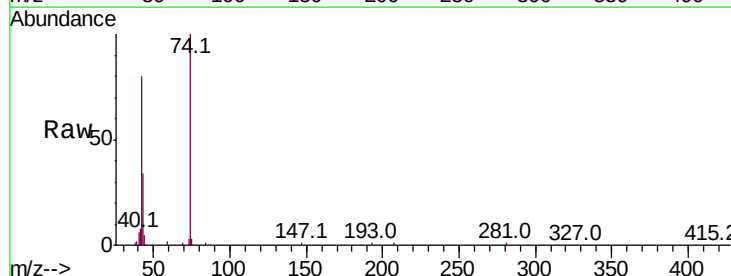
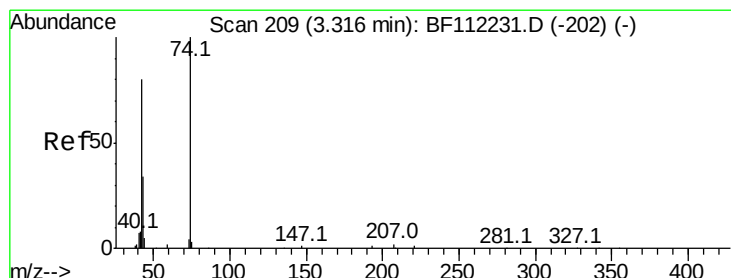
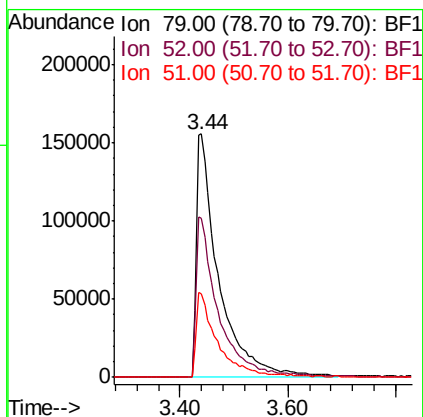
#3
Pvridine
Concen: 49.187 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.07 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tot Ion: 79 Resp: 443503
Ion Ratio Lower Upper
79 100
52 65.3 52.4 78.6
51 34.1 26.1 39.1

Instrument :
BNA_F
ClientSampleId :
PB116645BS

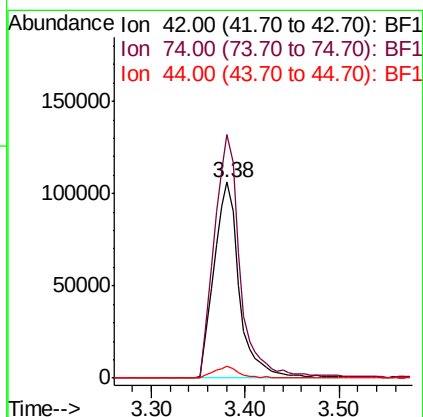
Manual Integrations
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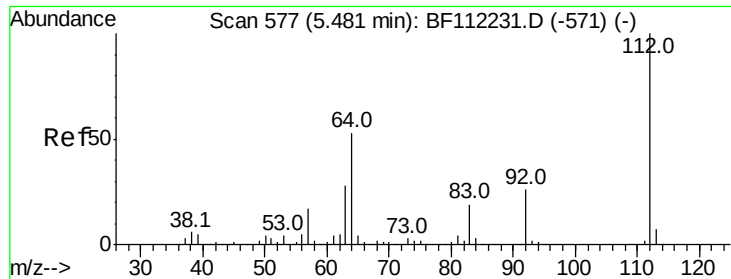
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#4
n-Nitrosodimethylamine
Concen: 53.103 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.06 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion: 42 Resp: 201167
Ion Ratio Lower Upper
42 100
74 124.4 105.6 158.4
44 6.0 5.4 8.2





#5

2-Fluorophenol

Concen: 150.625 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Instrument :

BNA_F

ClientSampleId :

PB116645BS

Tot Ion:112 Resp: 1340287

Ion Ratio Lower Upper

112 100

64 55.6 45.7 68.5

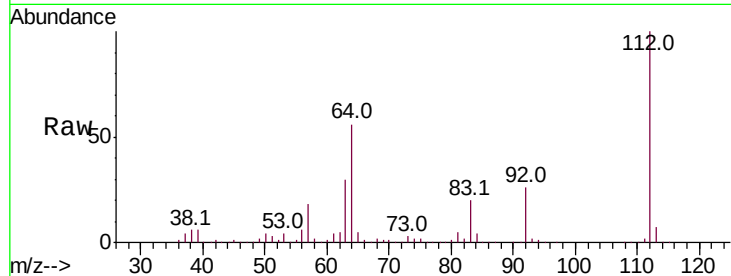
63 30.3 23.6 35.4

Manual Integrations

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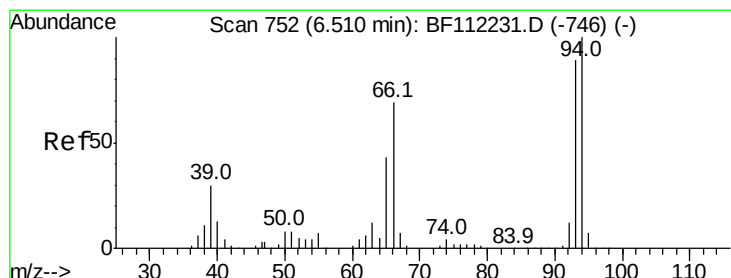
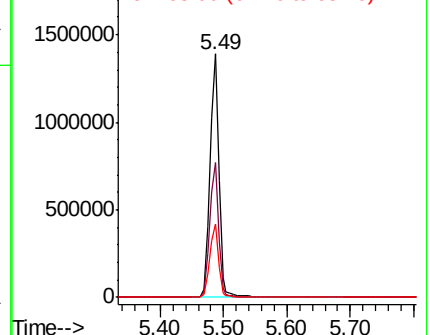
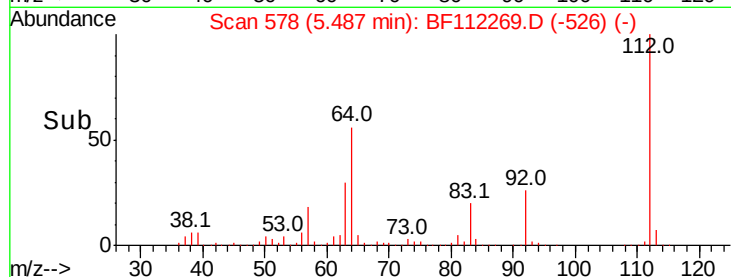
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Abundance Ion 112.00 (111.70 to 112.70): BF112231.D (-571) (-)

Ion 64.00 (63.70 to 64.70): BF112231.D (-571) (-)

Ion 63.00 (62.70 to 63.70): BF112231.D (-571) (-)



#6

Aniline

Concen: 28.340 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

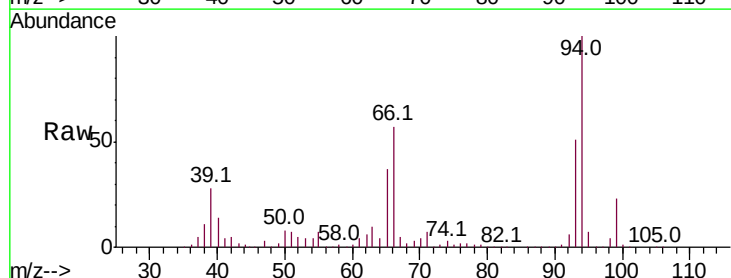
Tgt Ion: 93 Resp: 416831

Ion Ratio Lower Upper

93 100

66 110.8 43.4 65.2#

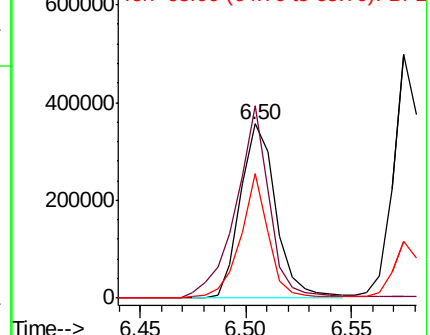
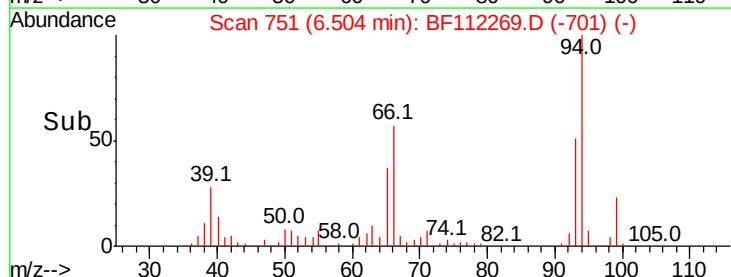
65 71.8 25.3 37.9#

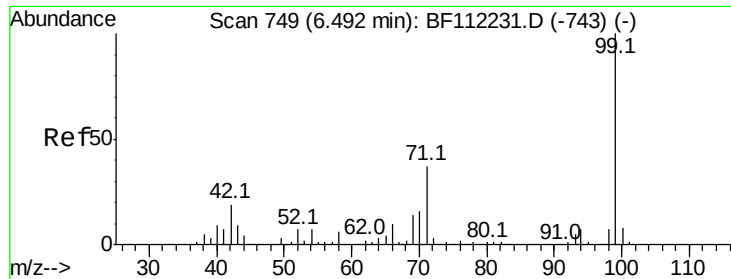


Abundance Ion 93.00 (92.70 to 93.70): BF112231.D (-746) (-)

Ion 66.00 (65.70 to 66.70): BF112231.D (-746) (-)

Ion 65.00 (64.70 to 65.70): BF112231.D (-746) (-)





#7

Phenol-d6

Concen: 135.286 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Instrument :

BNA_F

ClientSampleId :

PB116645BS

Tot Ion: 99 Resp: 1672745

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

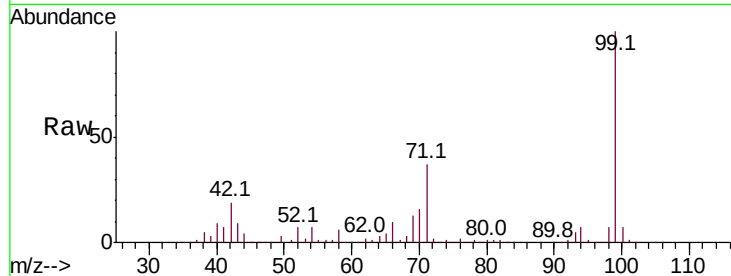
71 36.8 26.9 40.3

Manual Integrations

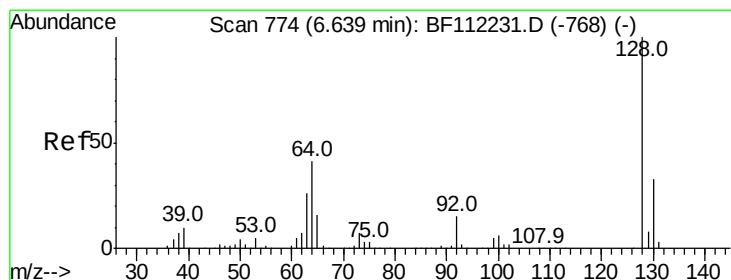
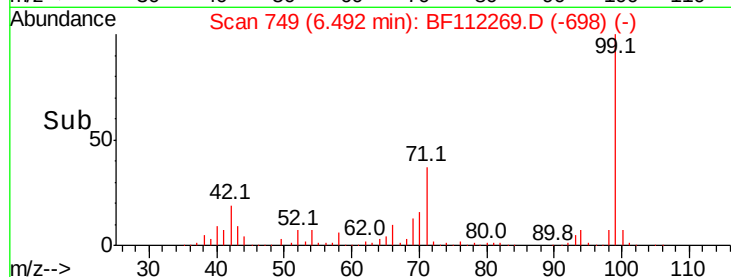
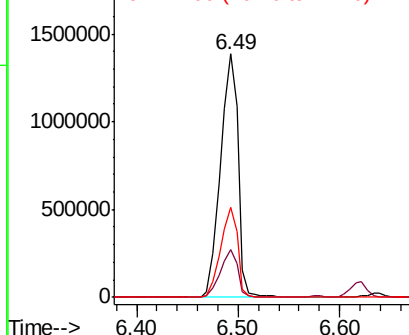
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.227 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

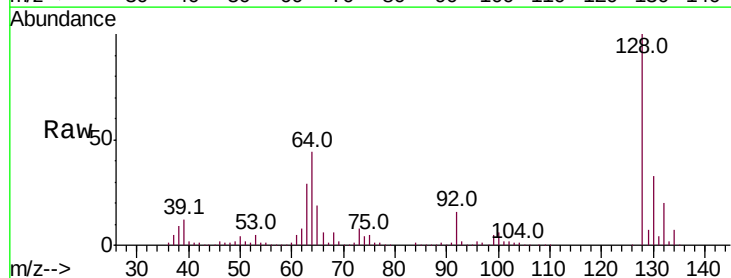
Tgt Ion: 128 Resp: 493500

Ion Ratio Lower Upper

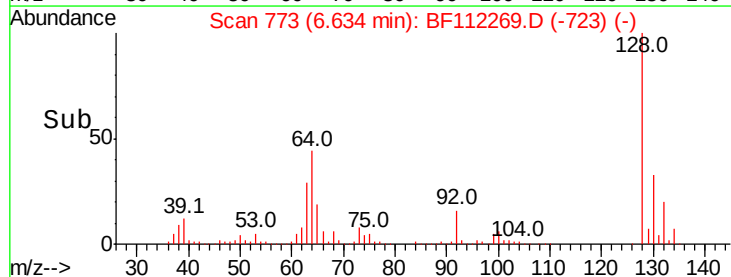
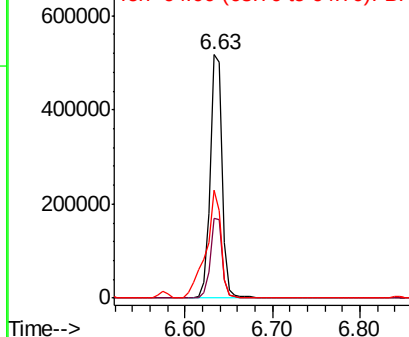
128 100

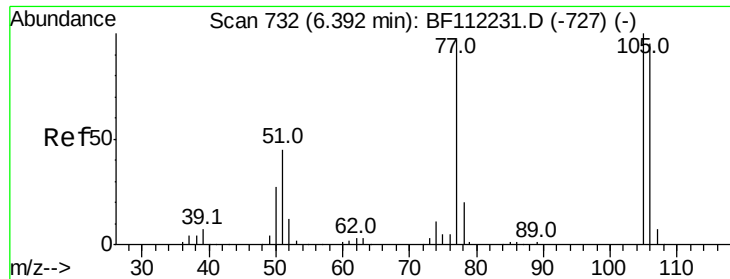
130 32.9 13.4 53.4

64 44.4 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: 16.819 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Instrument :

BNA_F

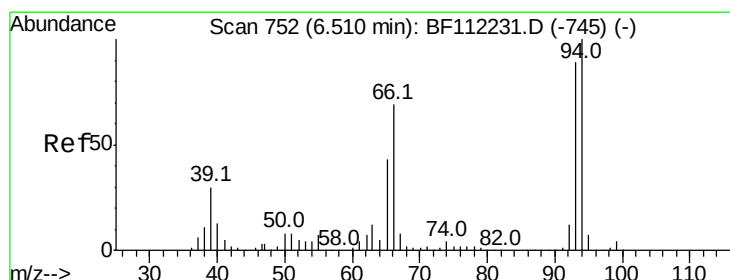
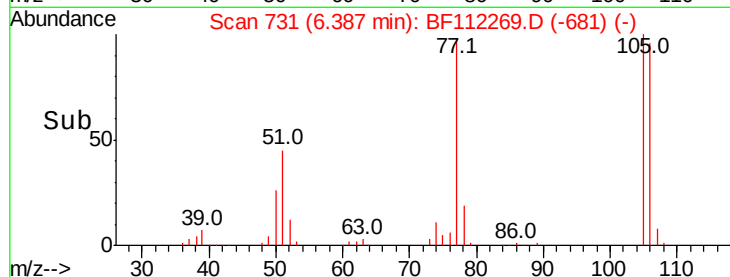
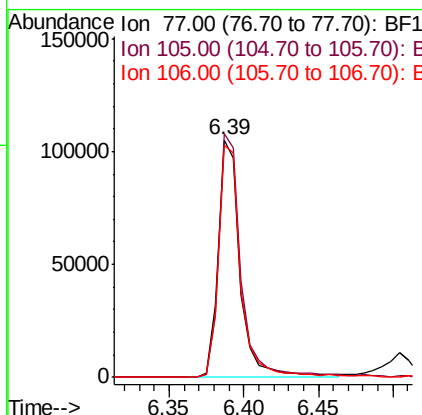
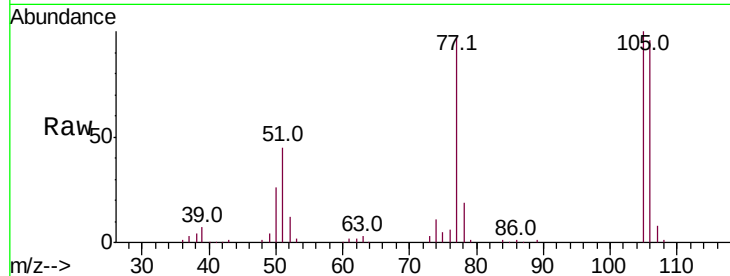
ClientSampleID :

PB116645BS

Tot Ion:	77	Resp:	108696
Ion Ratio	Lower	Upper	
77	100		
105	102.7	80.8	120.8
106	98.1	75.7	115.7

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#10

Phenol

Concen: 40.275 ng

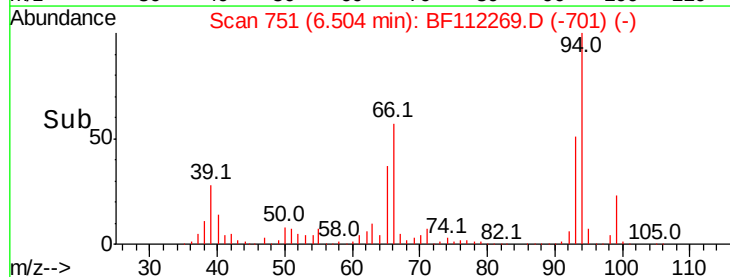
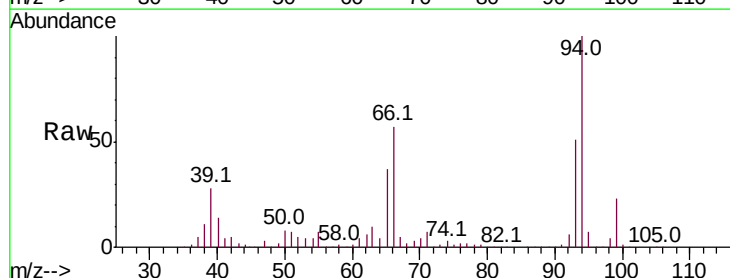
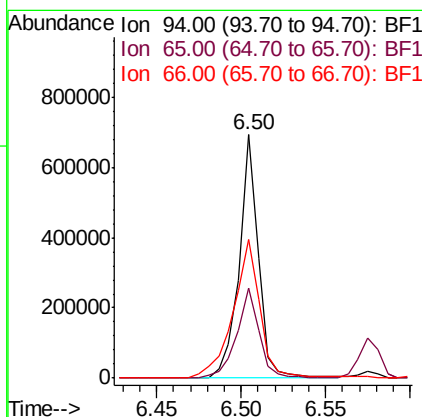
RT: 6.50 min Scan# 751

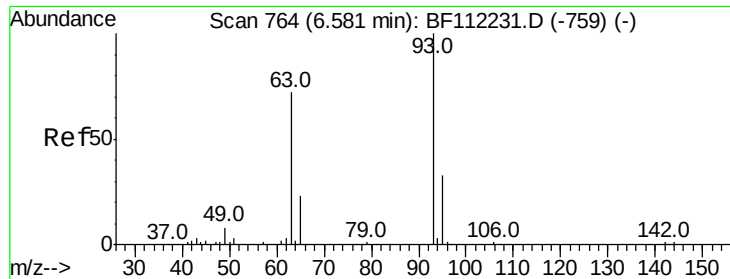
Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Tgt Ion:	94	Resp:	546339
Ion Ratio	Lower	Upper	
94	100		
65	36.9	20.3	60.3
66	56.9	42.4	82.4





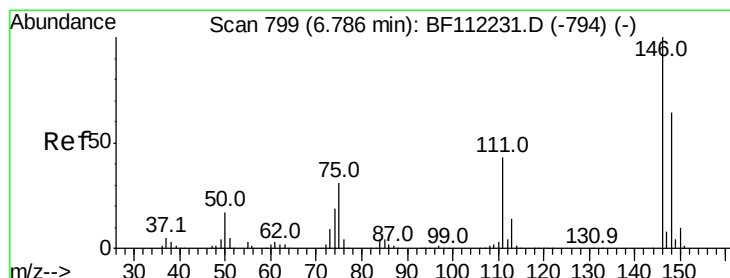
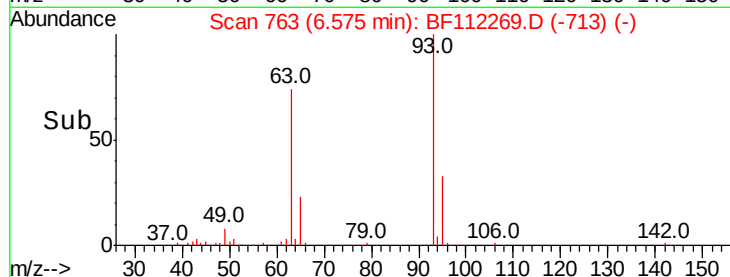
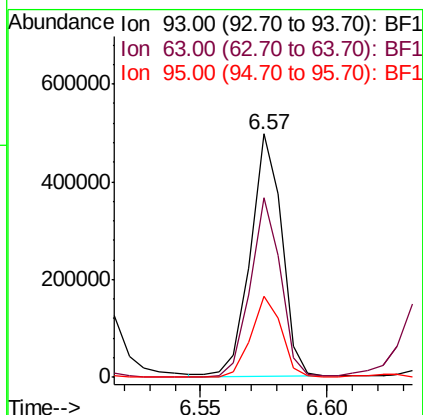
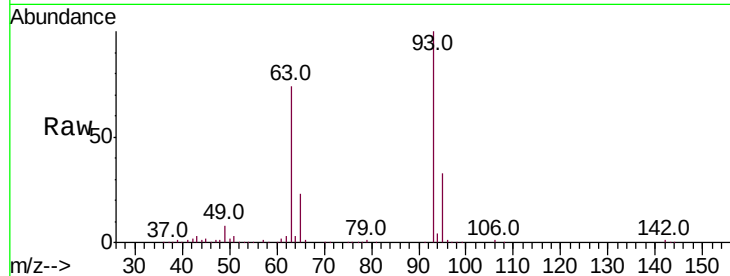
#11
bis(2-Chloroethyl)ether
Concen: 39.996 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	53.3	93.3
95	33.2	13.4	53.4

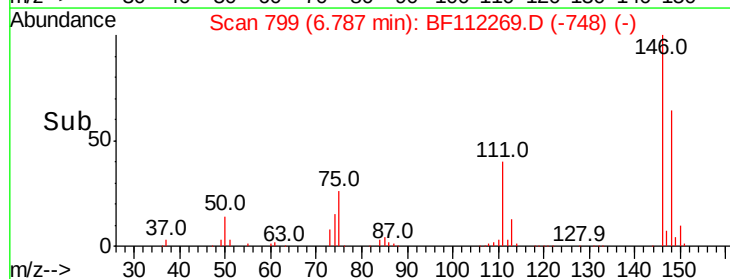
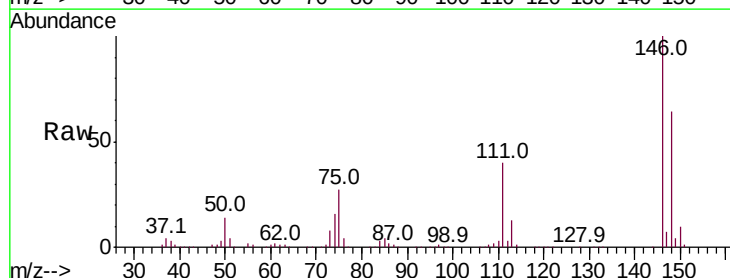
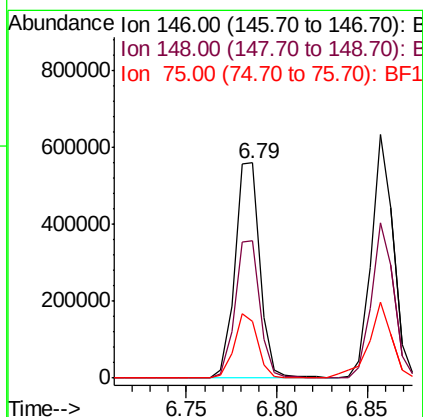
Manual Integrations
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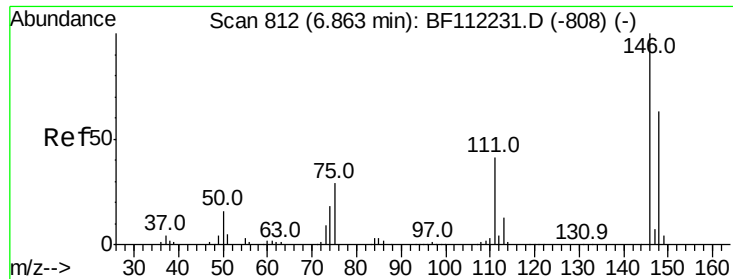
mohammad
1/29/2019 9:34:52 AM



#12
1,3-Dichlorobenzene
Concen: 38.778 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	26.6	23.1	34.7





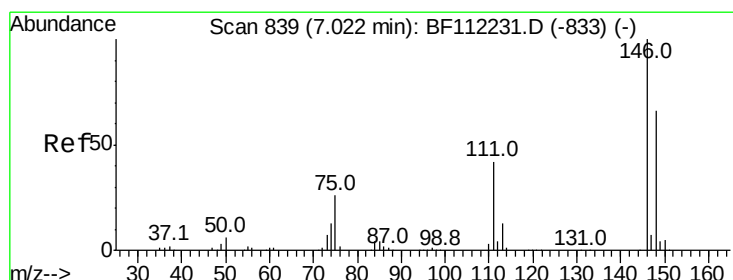
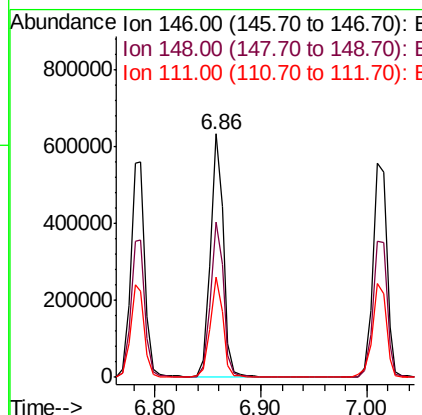
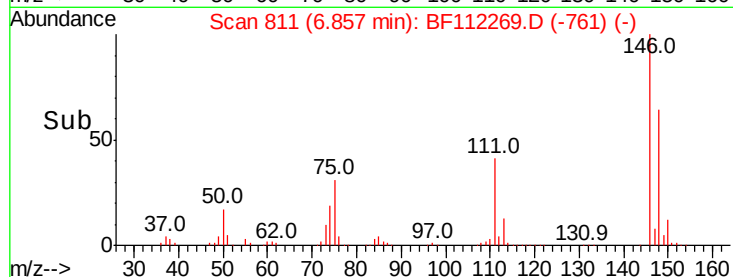
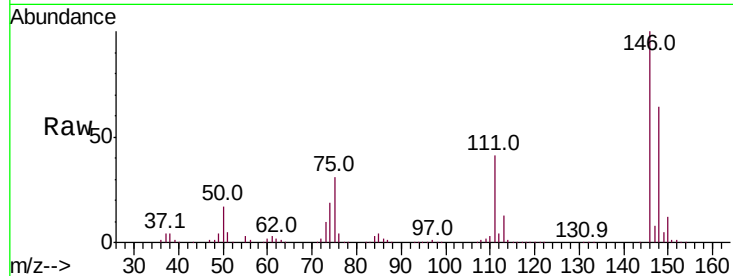
#13
 1,4-Dichlorobenzene
 Concen: 38.023 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	40.9	31.2	46.8

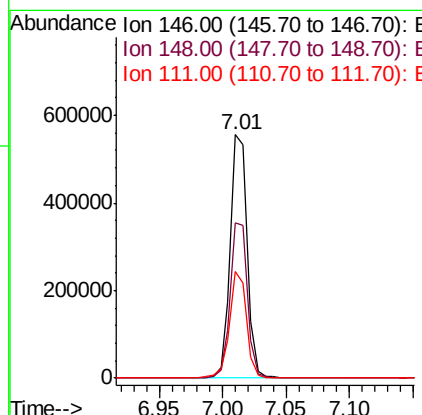
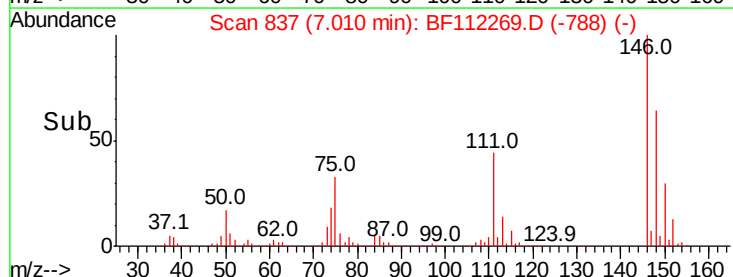
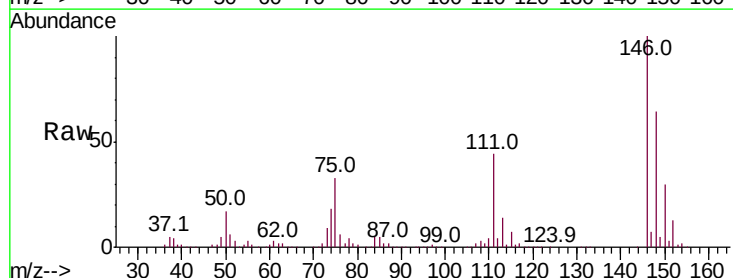
Manual Integrations
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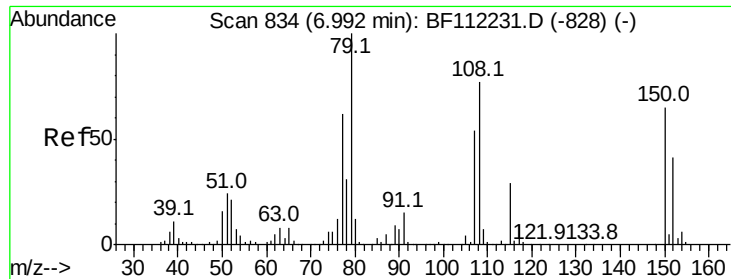
mohammad
 1/29/2019 9:34:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.932 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
111	43.7	31.2	46.8





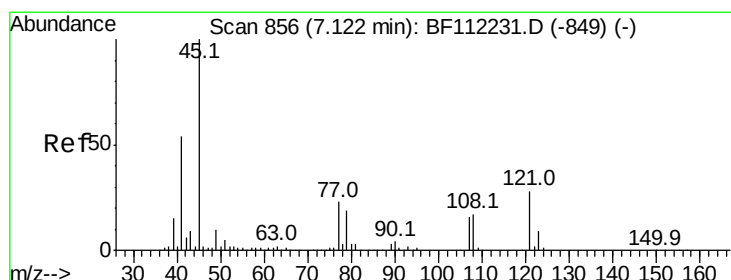
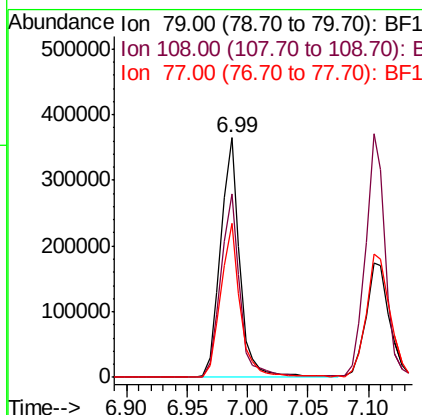
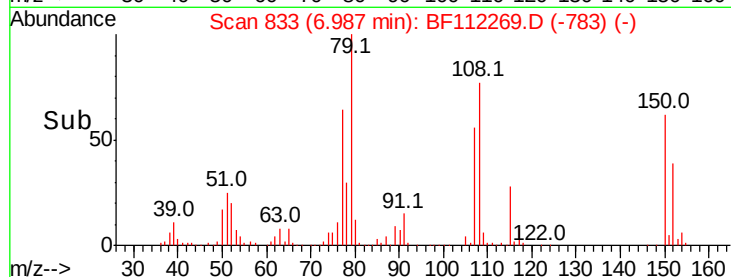
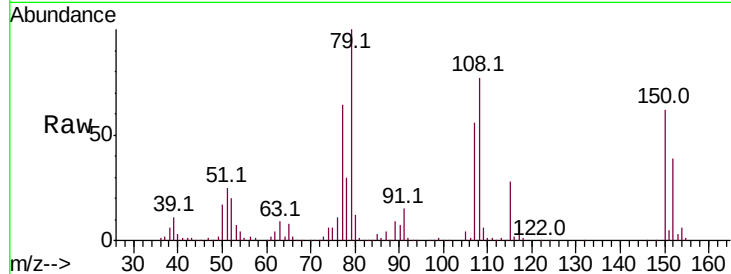
#15
Benzyl Alcohol
Concen: 38.671 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	64.2	96.2
77	64.3	50.3	75.5

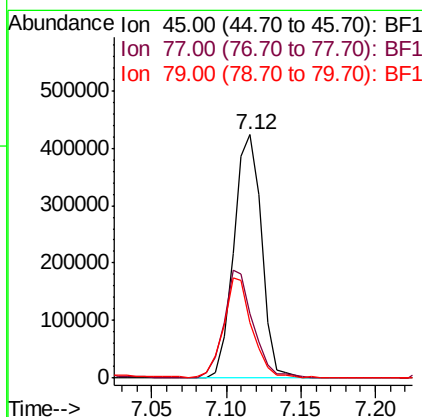
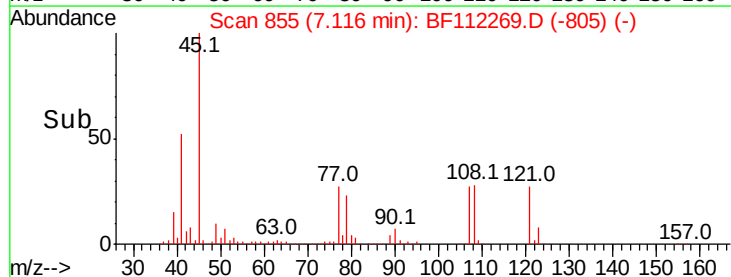
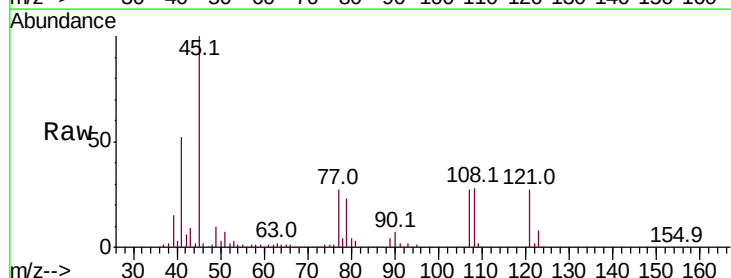
Manual Integrations
APPROVED

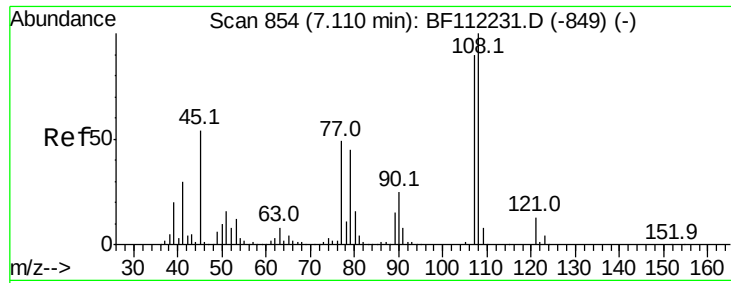
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.951 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.7	0.0	36.9
79	22.5	0.0	34.0





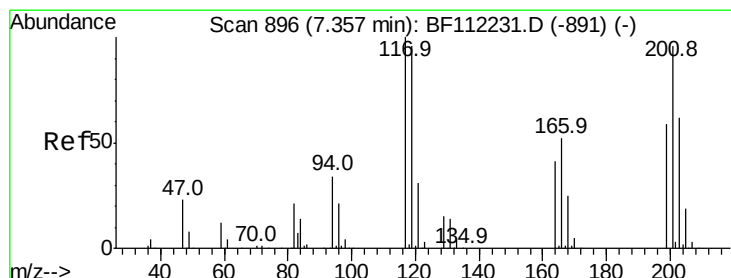
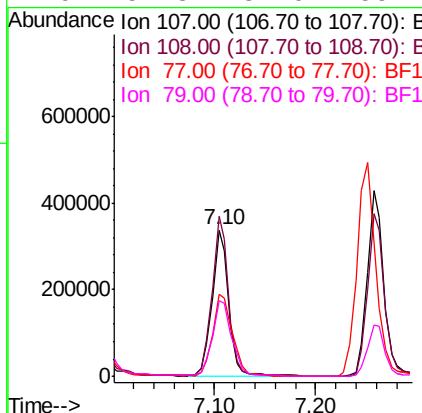
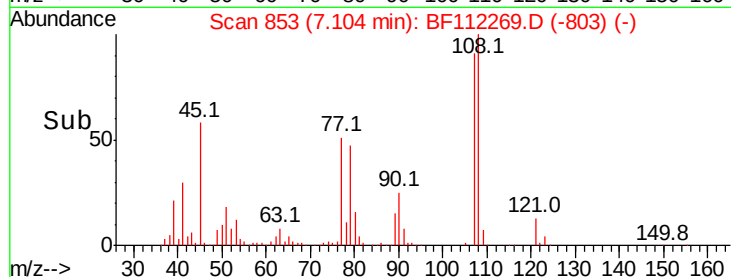
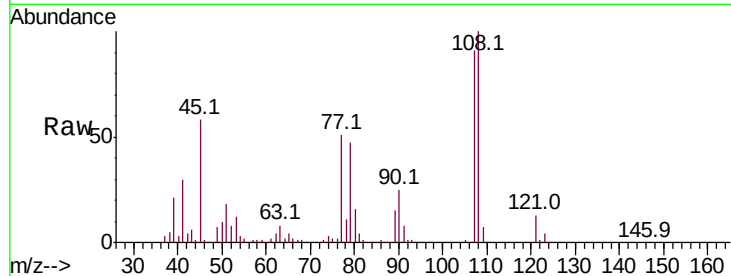
#17
2-Methylphenol
Concen: 40.520 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion:	107	Resp:	384496
Ion Ratio	Lower	Upper	
107	100		
108	109.5	91.3	136.9
77	55.7	39.0	58.6
79	51.3	37.0	55.4

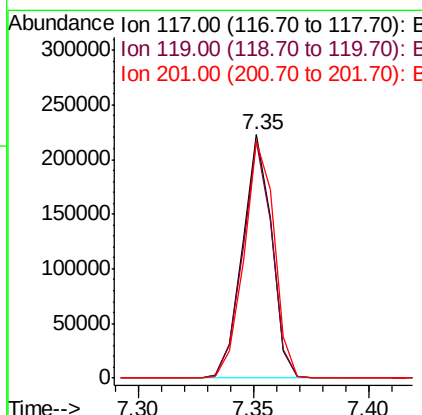
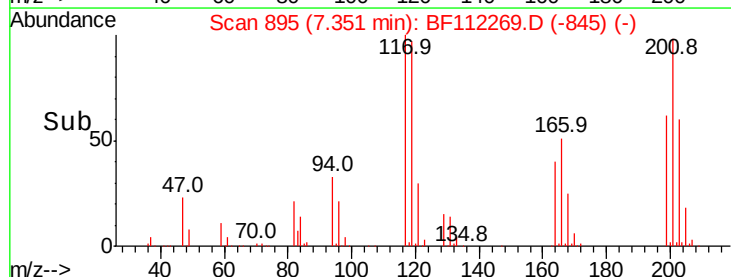
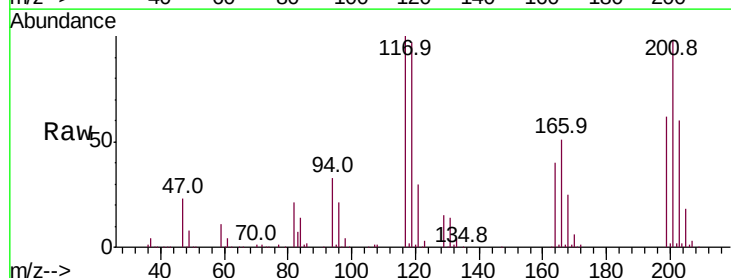
Manual Integrations
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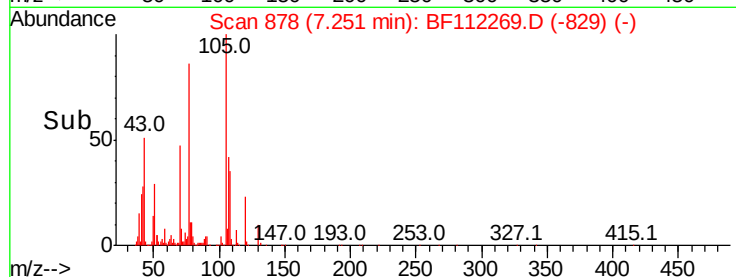
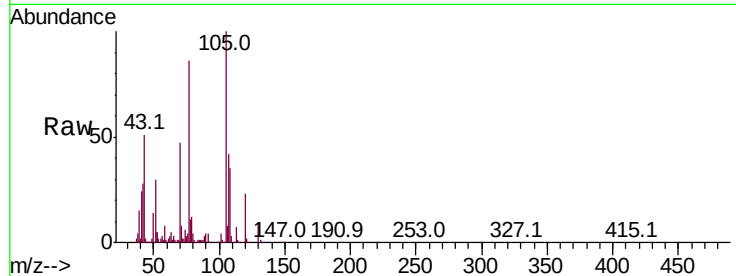
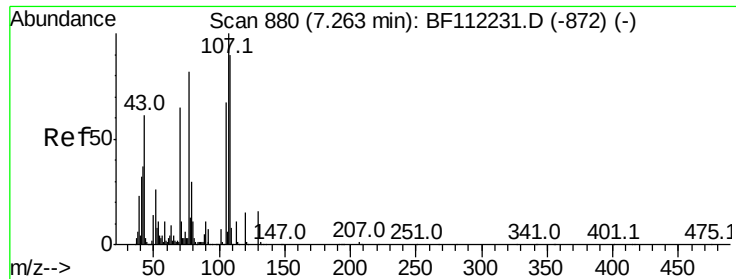
mohammad
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#18
Hexachloroethane
Concen: 39.107 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion:	117	Resp:	197026
Ion Ratio	Lower	Upper	
117	100		
119	97.2	77.0	115.4
201	97.6	74.1	111.1





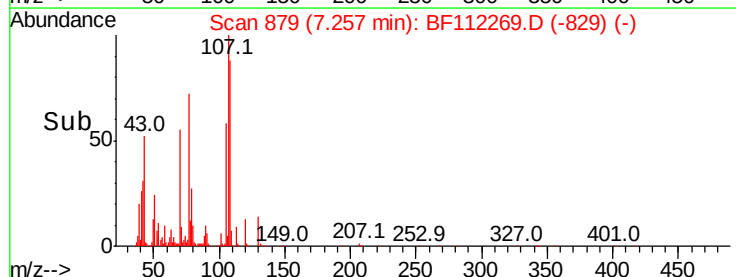
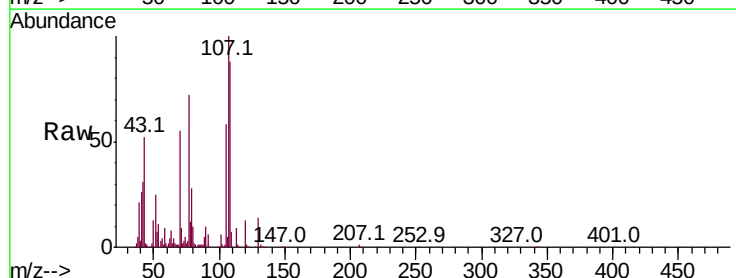
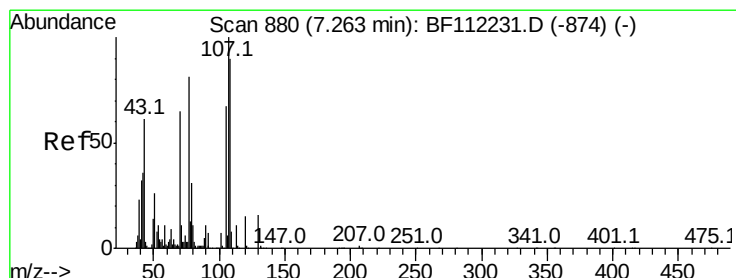
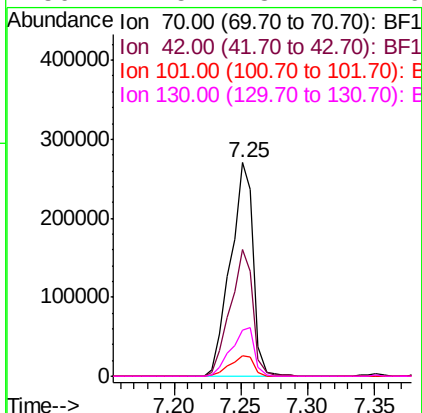
#19
n-Nitroso-di-n-propylamine
Concen: 38.114 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.6	71.4
101	9.5	7.9	11.9
130	21.5	18.4	27.6

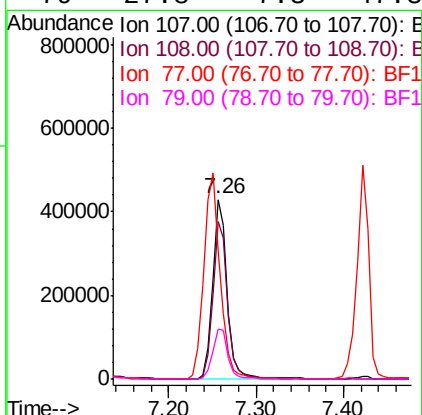
Manual Integrations
APPROVED

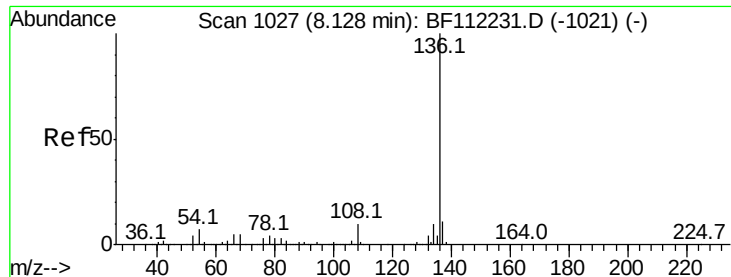
mohammad
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#20
3+4-Methylphenols
Concen: 40.411 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	71.7	100.7	140.7#
79	27.8	7.3	47.3





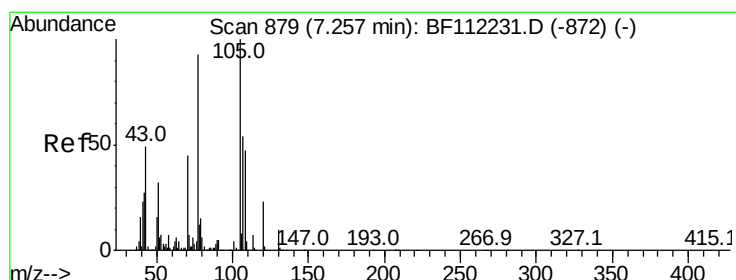
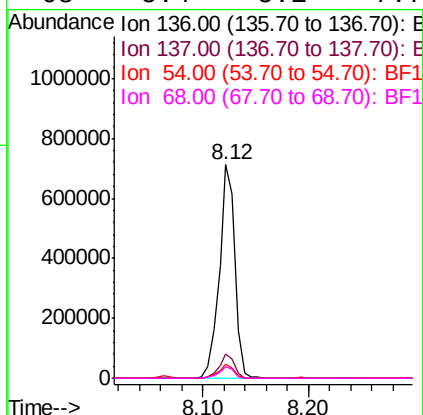
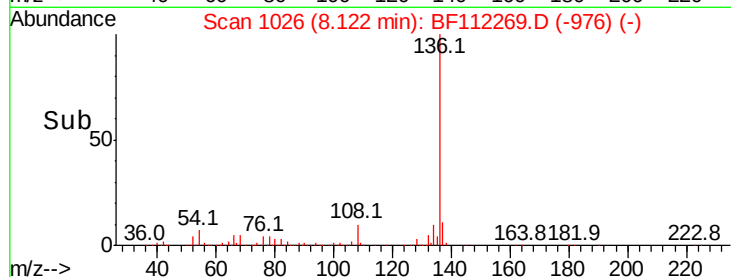
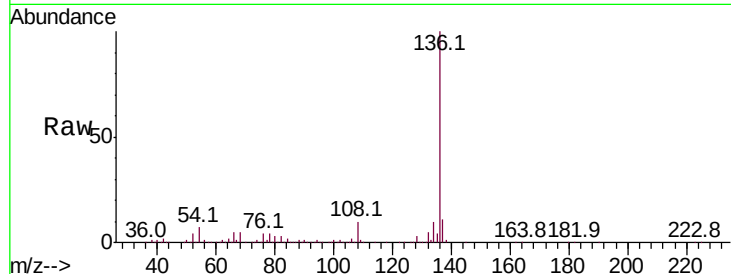
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		742550		
137	11.2	9.1	13.7		
54	6.7	5.9	8.9		
68	5.4	5.1	7.7		

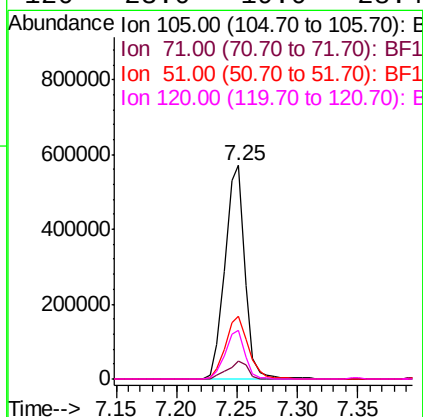
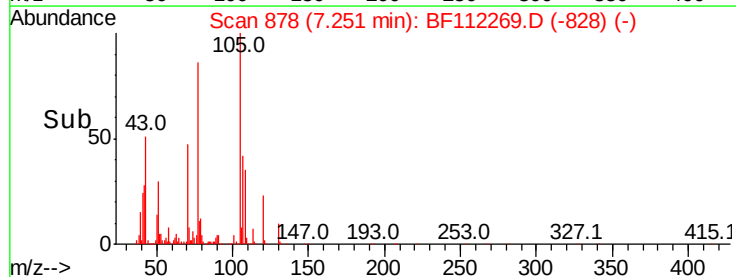
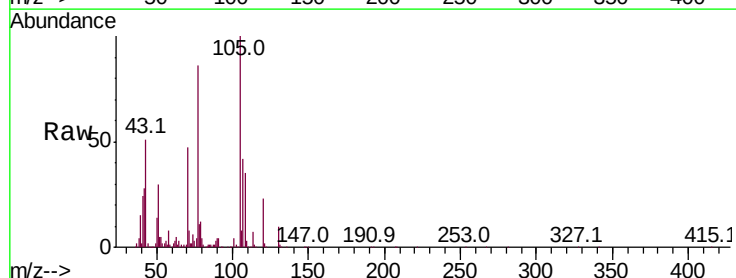
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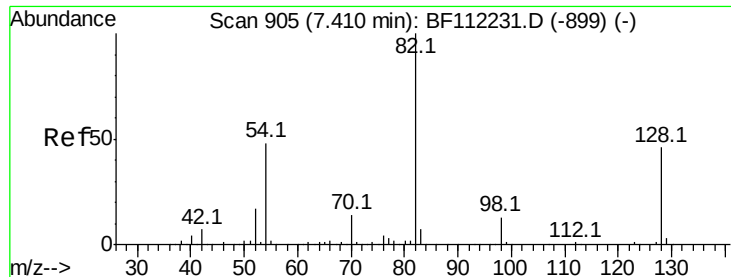
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#22
Acetophenone
Concen: 36.106 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		652842		
71	8.1	4.6	6.8#		
51	29.5	25.0	37.6		
120	23.0	19.0	28.4		





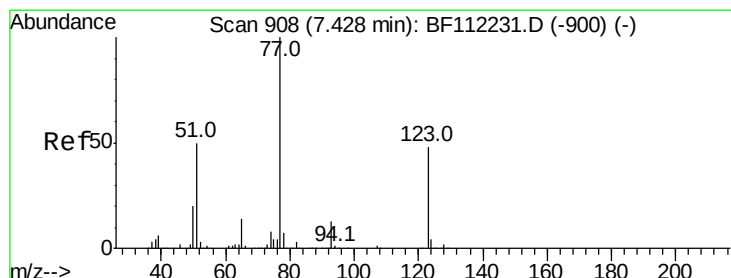
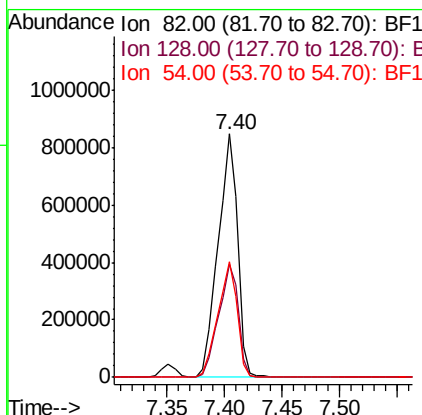
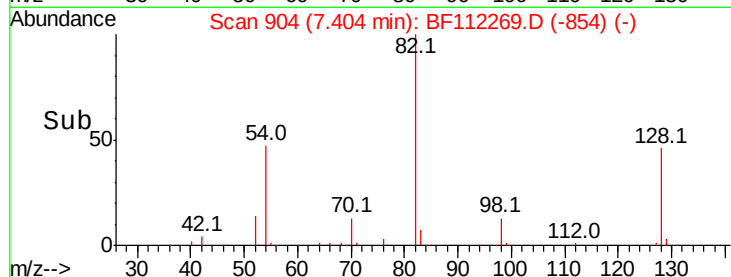
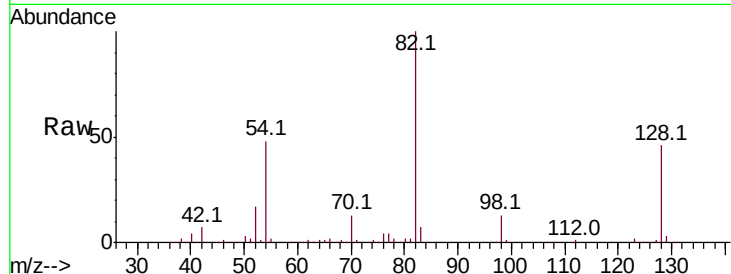
#23
Nitrobenzene-d5
Concen: 77.273 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	37.8	56.8	
54	47.7	39.7	59.5	

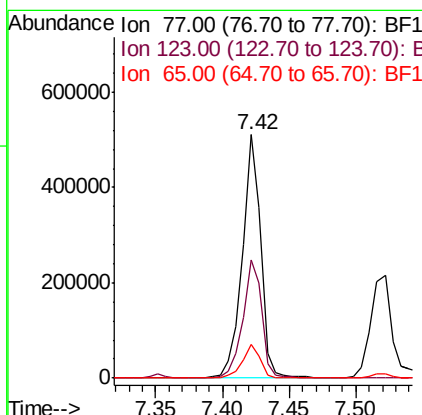
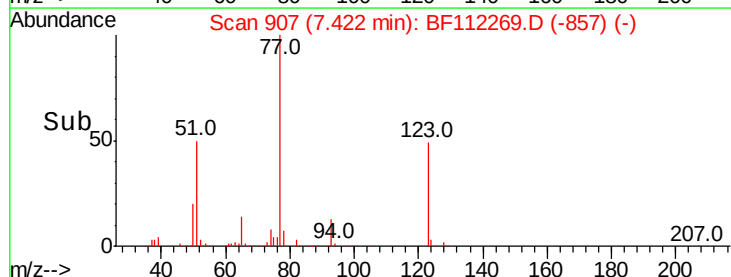
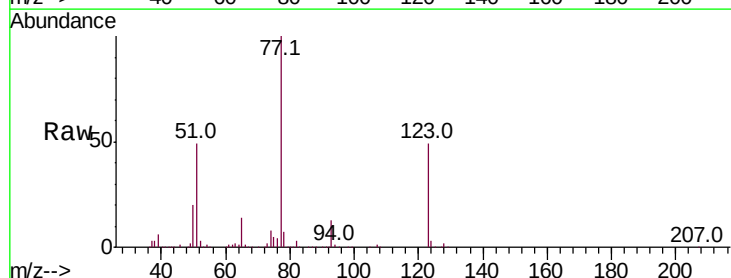
Manual Integrations
APPROVED

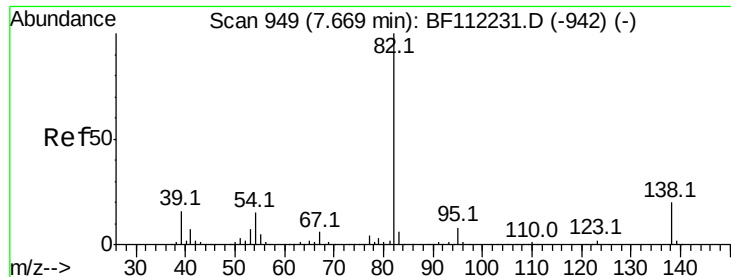
mohammad
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#24
Nitrobenzene
Concen: 37.798 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.6	38.4	57.6	
65	13.6	10.6	15.8	





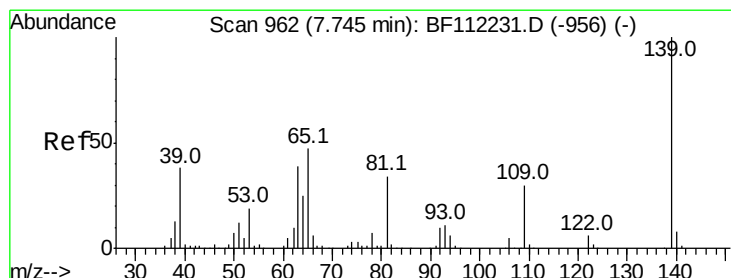
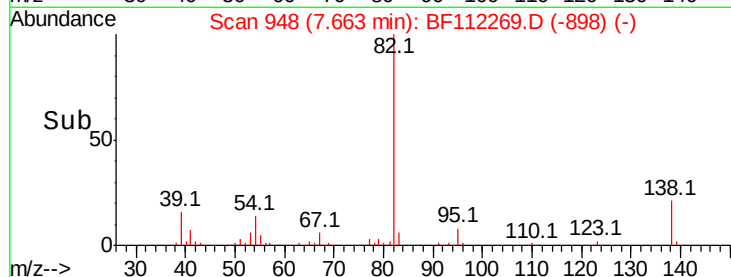
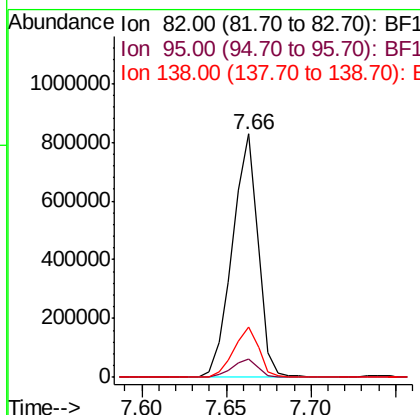
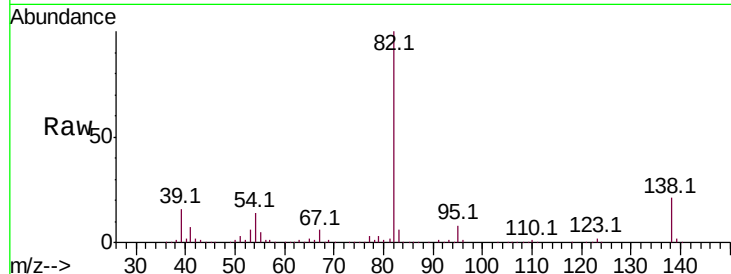
#25
Isophorone
Concen: 43.464 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7		5.7	8.5
138	20.6		15.4	23.0

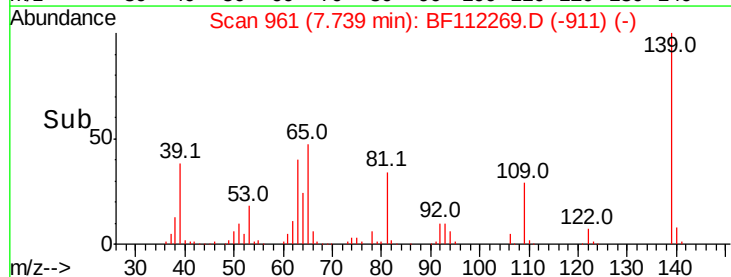
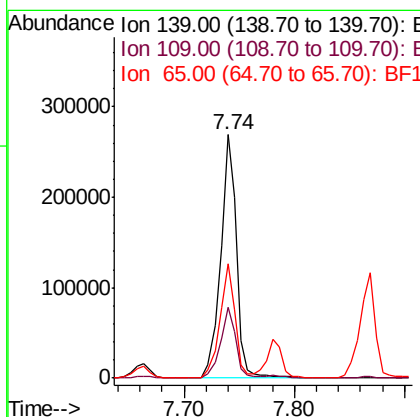
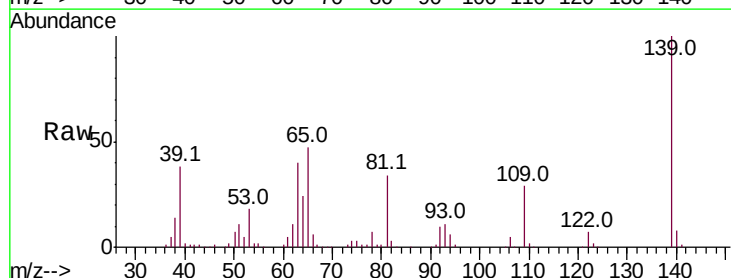
Manual Integrations
APPROVED

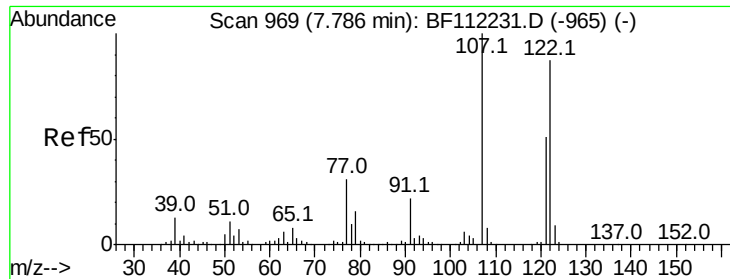
mohammad
1/29/2019 9:34:52 AM



#26
2-Nitrophenol
Concen: 39.009 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.2		20.8	31.2
65	47.2		34.4	51.6





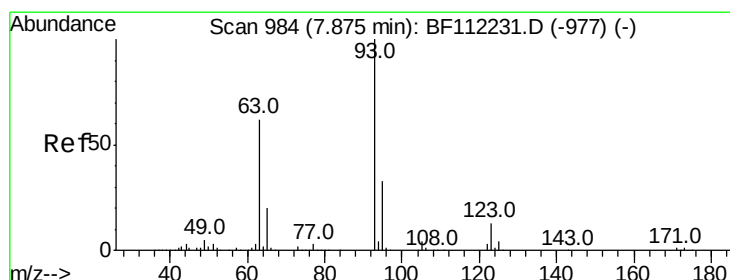
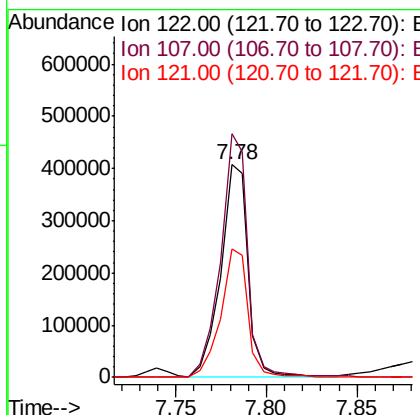
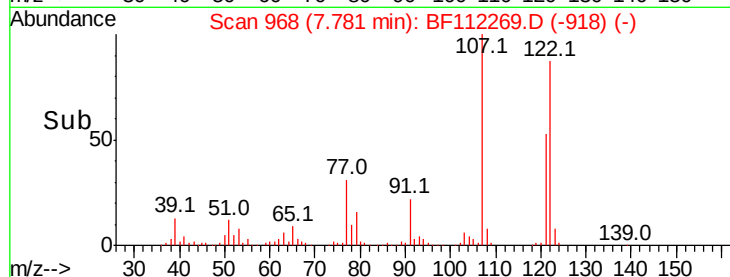
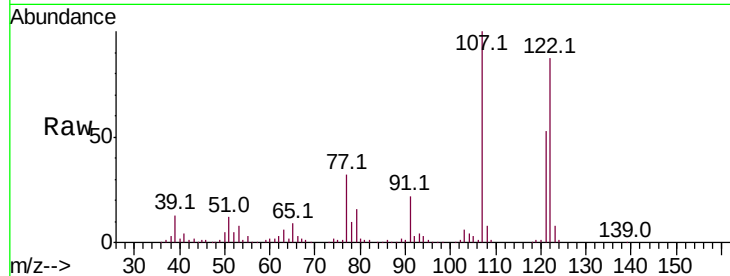
#27
2,4-Dimethylphenol
Concen: 45.108 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.5	85.4	128.0
121	60.1	47.0	70.4

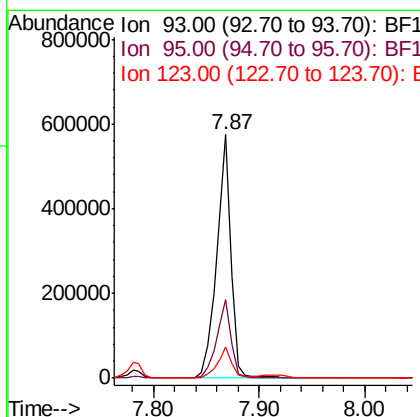
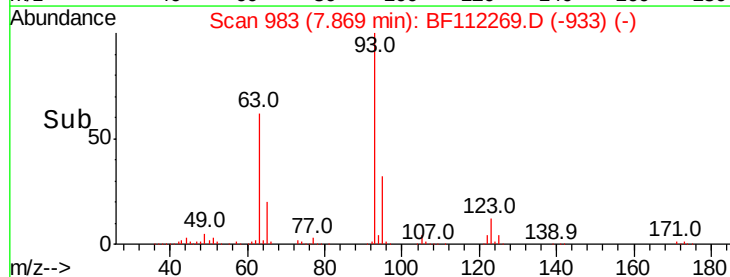
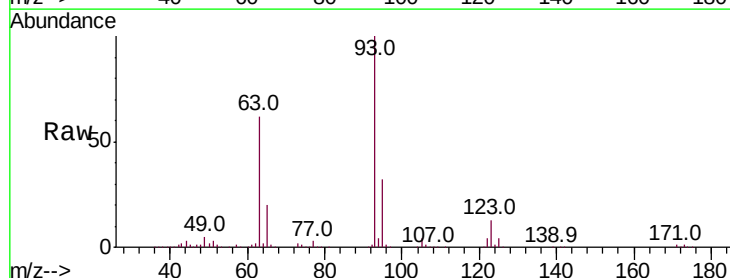
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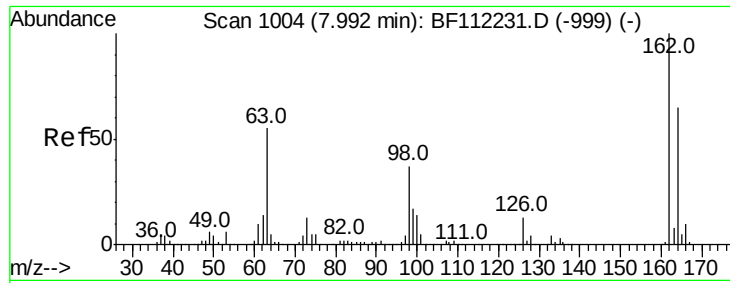
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.447 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.8	40.2
123	12.6	10.2	15.2





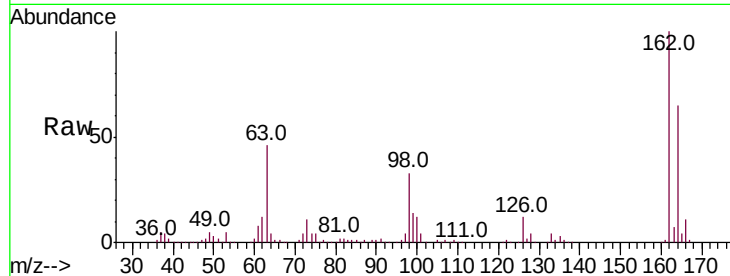
#29
 2,4-Dichlorophenol
 Concen: 40.474 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleID :
 PB116645BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	429216		
164	65.2		44.6	84.6
98	33.4		14.6	54.6

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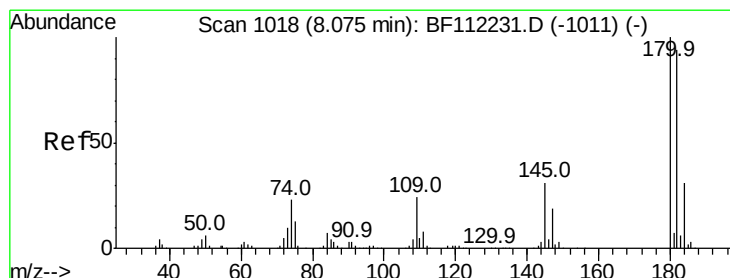
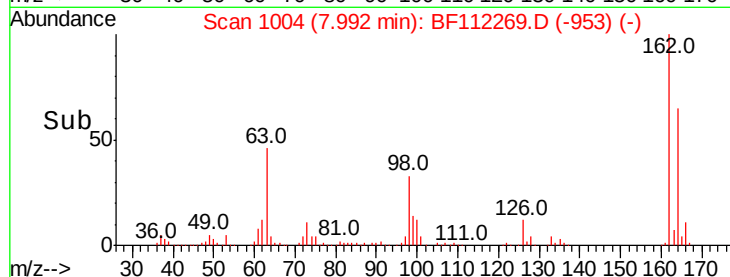
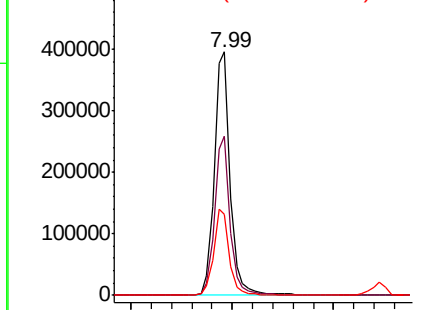


Abundance

Ion 162.00 (161.70 to 162.70): E

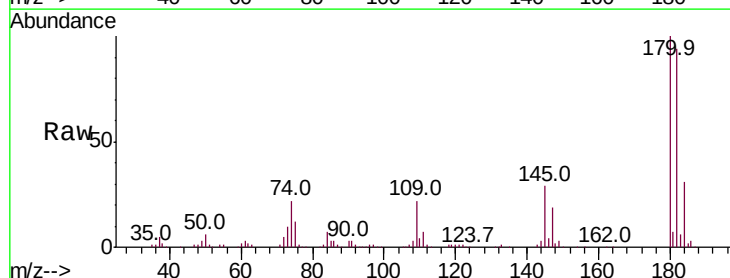
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.552 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	469944		
182	94.0		76.4	114.6
145	29.5		25.0	37.4

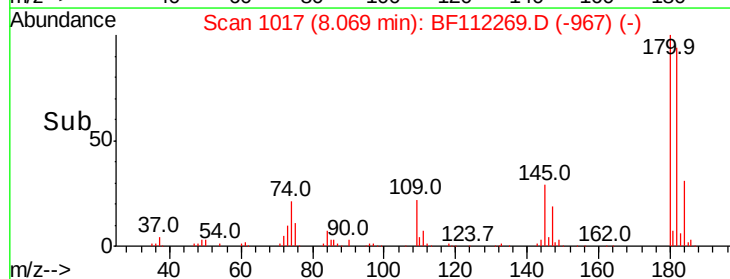
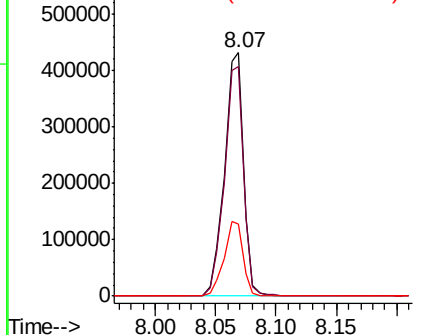


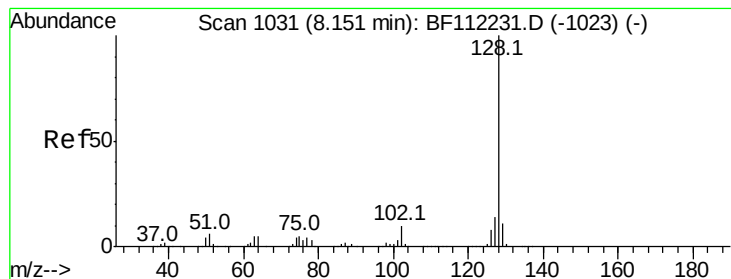
Abundance

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: 40.737 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Instrument :

BNA_F

ClientSampleId :

PB116645BS

Tot Ion:128 Resp: 1414595

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

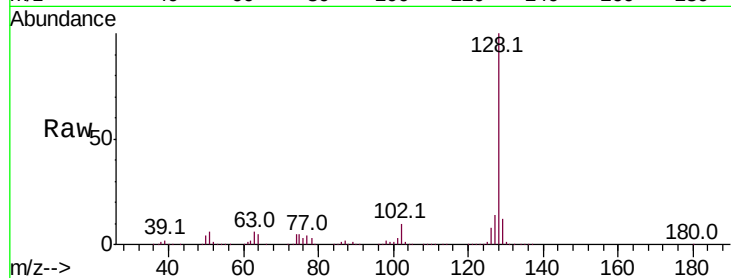
127 14.1 11.1 16.7

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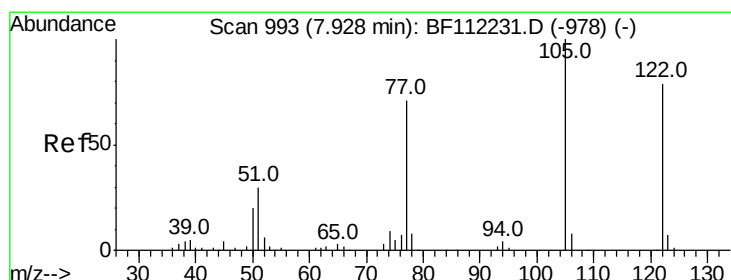
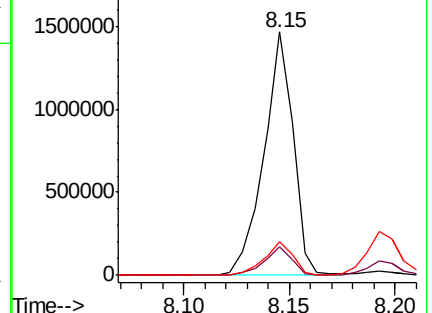
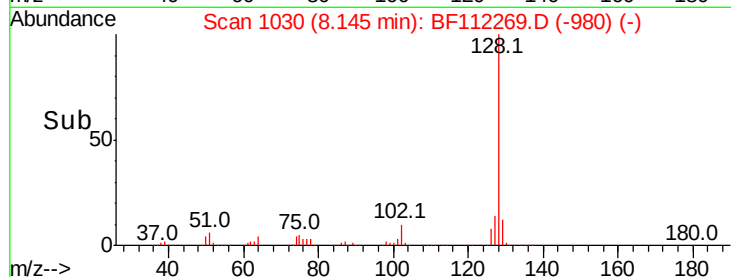
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.129 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

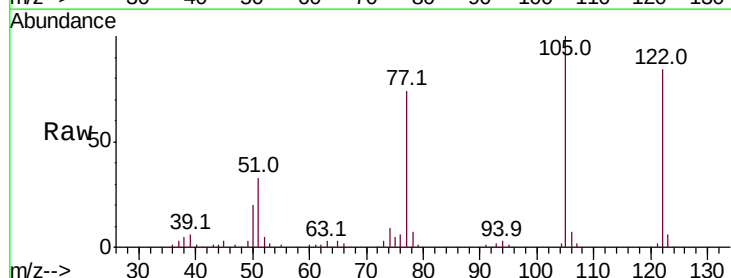
Tgt Ion:122 Resp: 222326

Ion Ratio Lower Upper

122 100

105 118.9 101.2 141.2

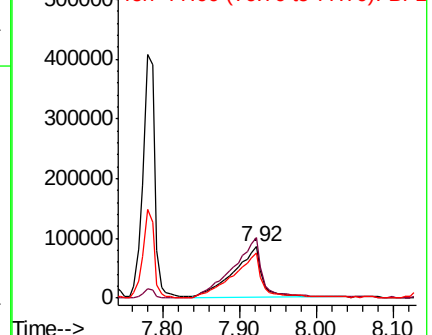
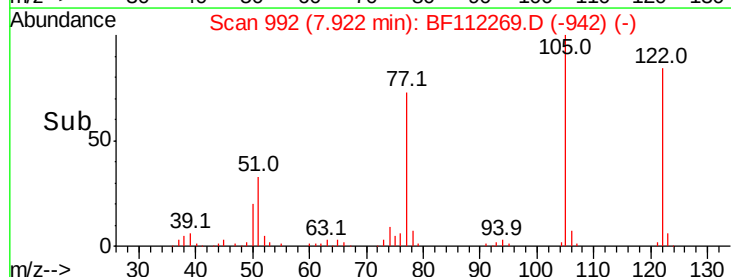
77 87.6 70.4 110.4

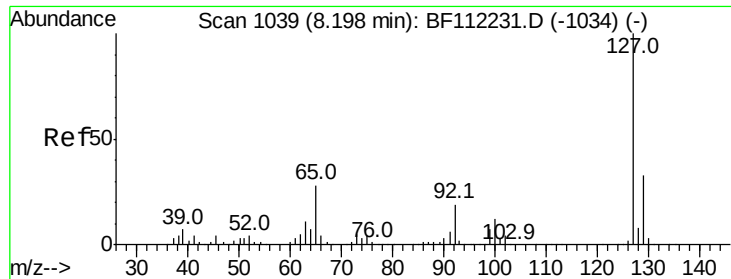


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





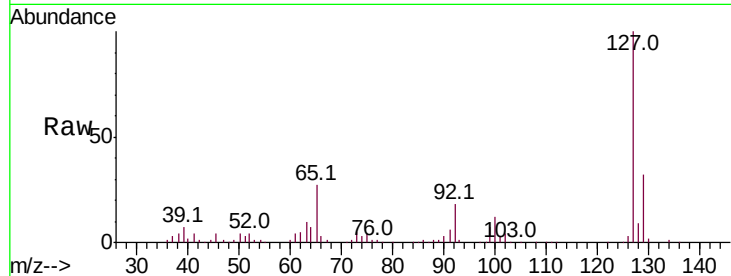
#33
4-Chloroaniline
Concen: 21.164 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	27.1	21.4	32.2
92	17.8	14.2	21.2

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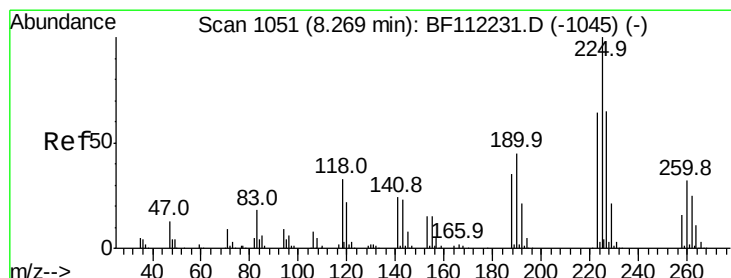
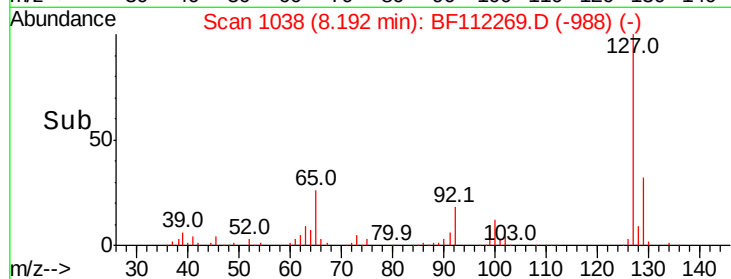
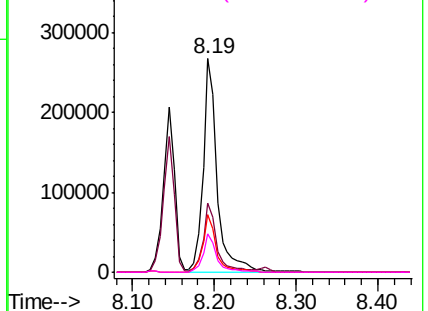
Abundance

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: 36.061 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

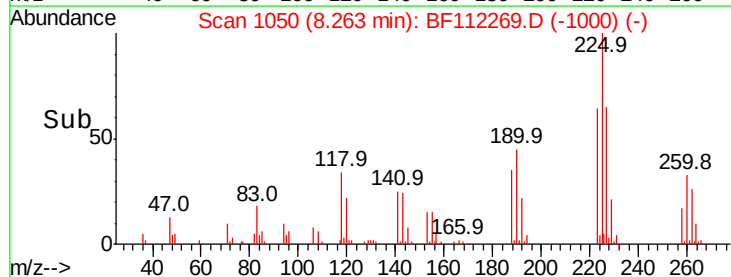
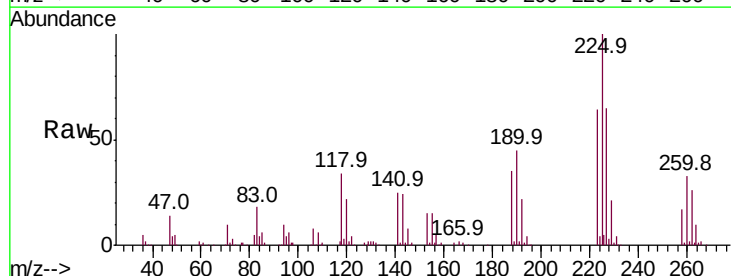
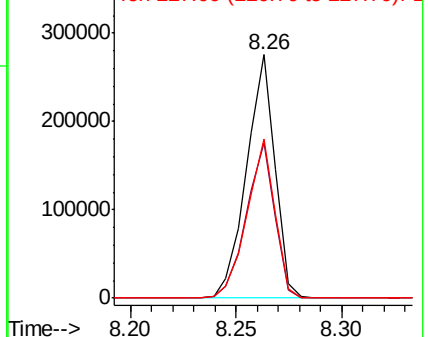
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.3	75.5
227	65.4	51.8	77.8

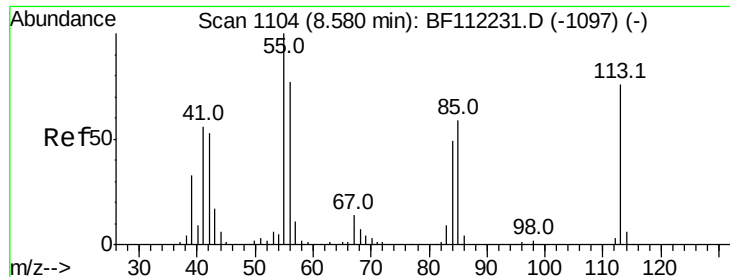
Abundance

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





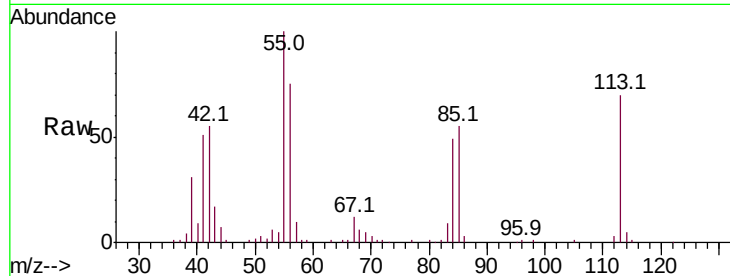
#35
 Caprolactam
 Concen: 35.609 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleID :
 PB116645BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.0	121.6	161.6
56	106.9	86.7	126.7

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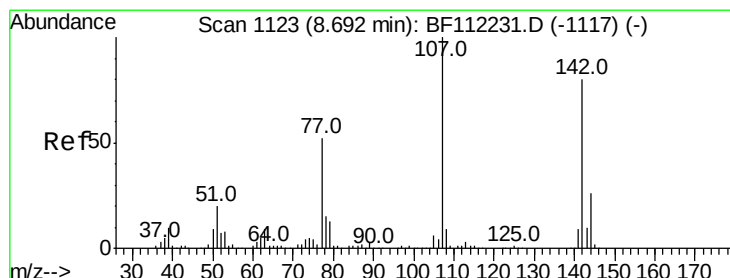
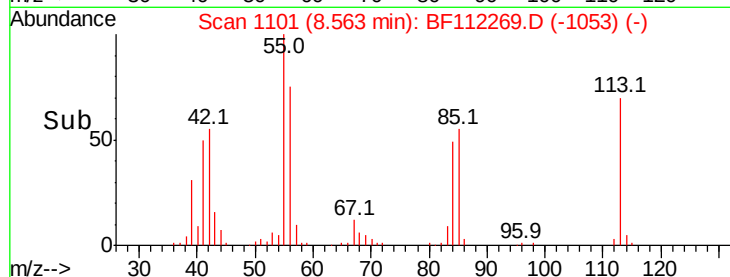
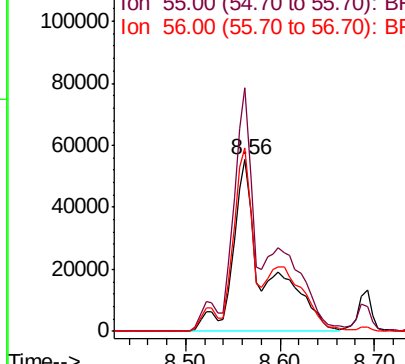


Abundance

Ion 113.00 (112.70 to 113.70): E

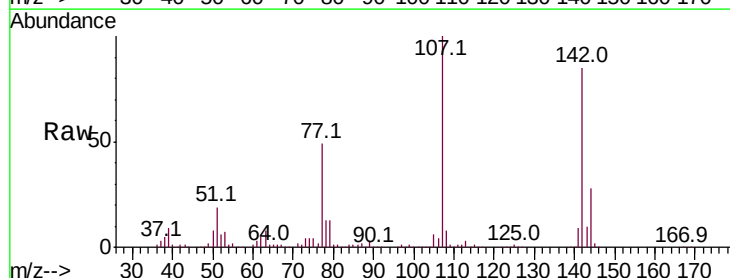
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 38.231 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.2
142	84.9	67.7	101.5

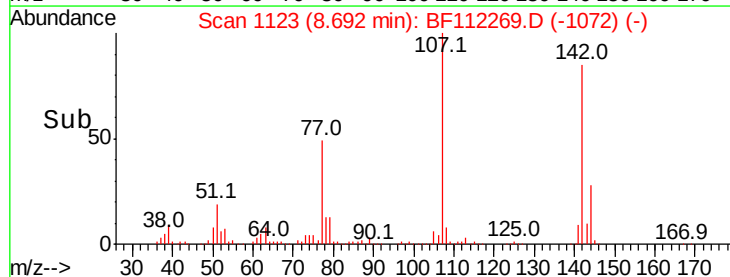
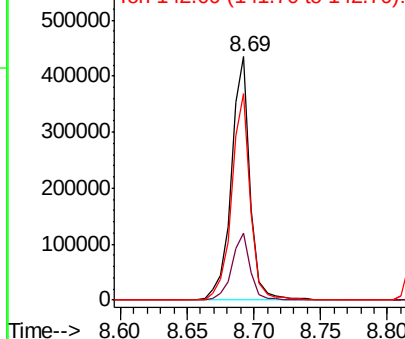


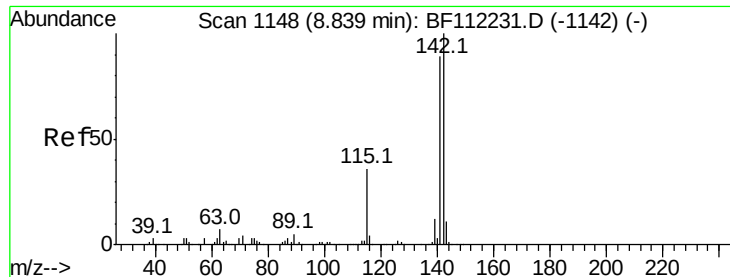
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





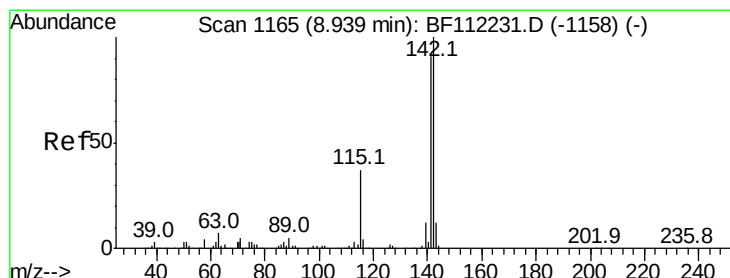
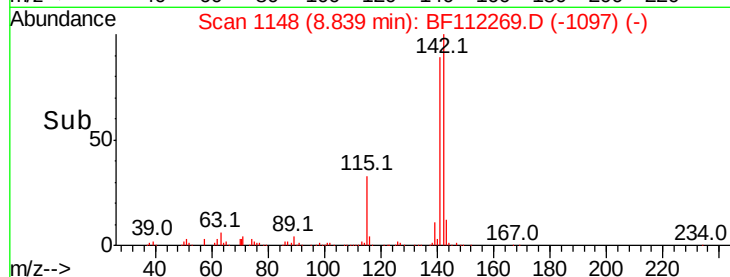
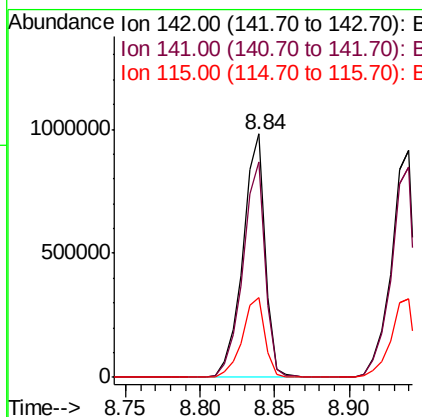
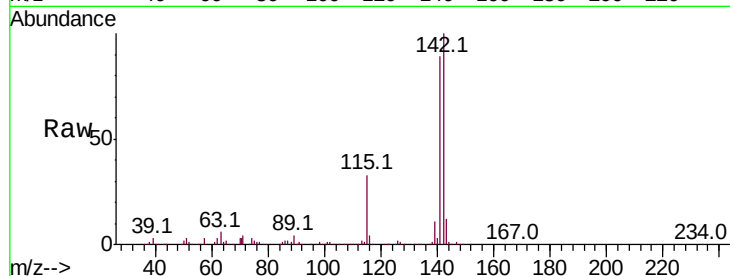
#37
2-Methylnaphthalene
Concen: 42.575 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	32.8	24.9	37.3

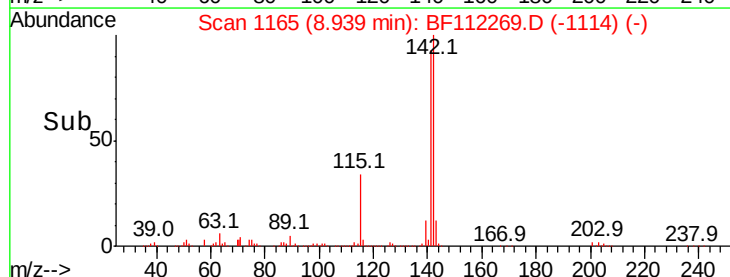
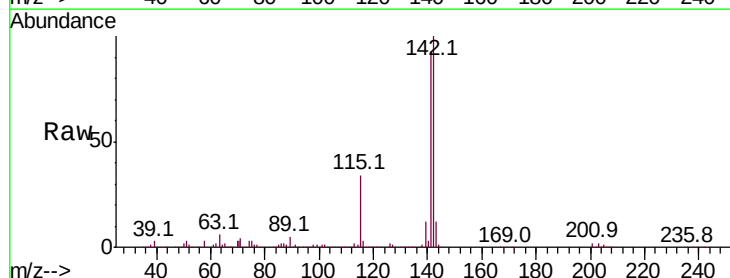
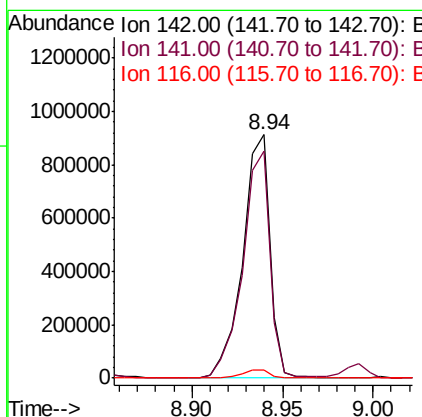
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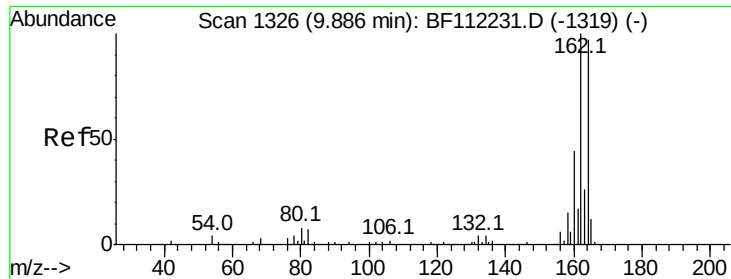
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#38
1-Methylnaphthalene
Concen: 41.552 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.6	108.8
116	3.4	2.8	4.2





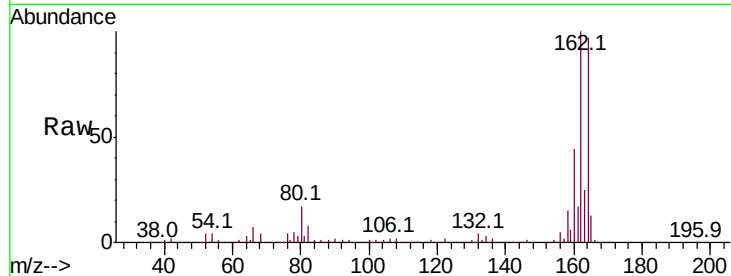
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

Tot Ion	164	Resp	384774
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.2	123.4
160	45.9	36.2	54.4

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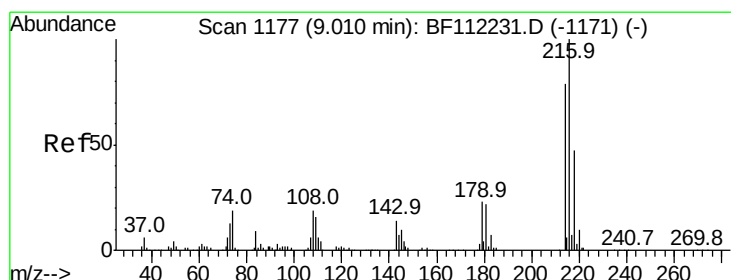
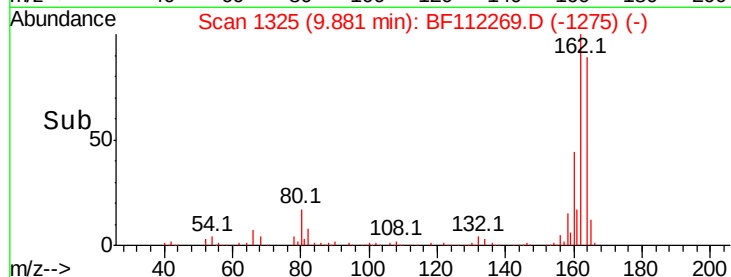
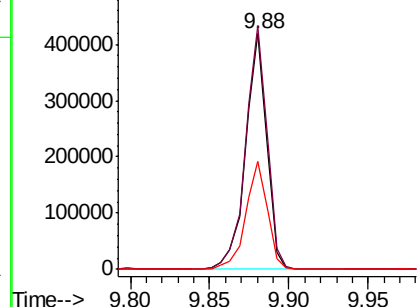


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.758 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	216	Resp	464386
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.8	95.6
179	21.7	16.9	25.3
108	19.4	14.2	21.4

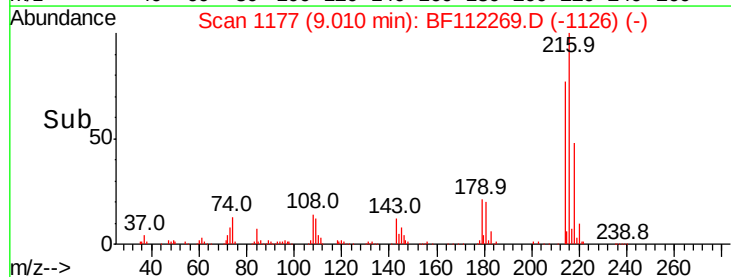
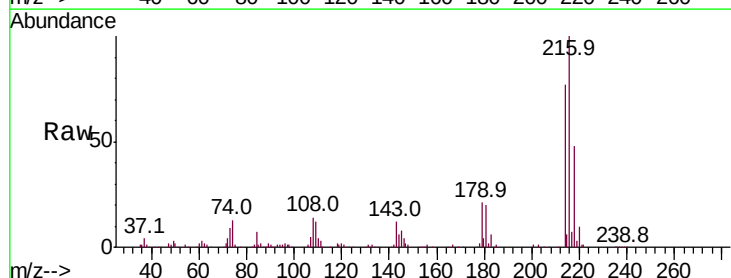
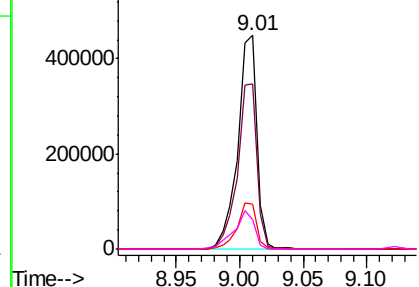
Abundance

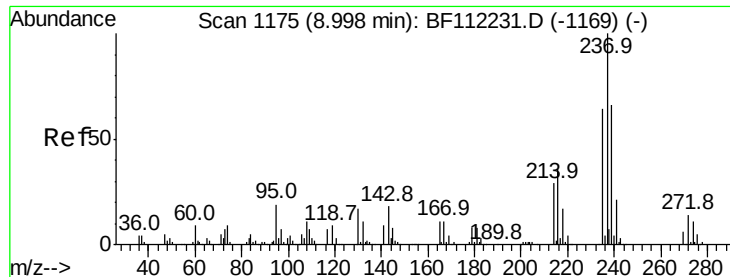
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





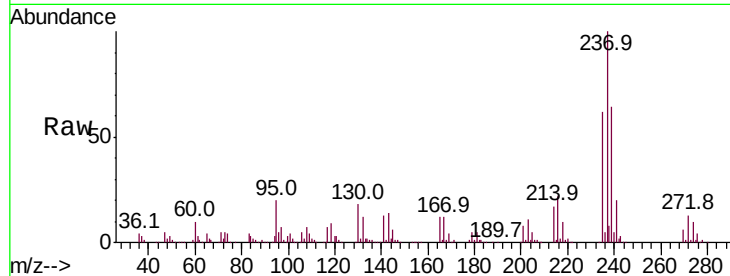
#41
 Hexachlorocyclopentadiene
 Concen: 74.553 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

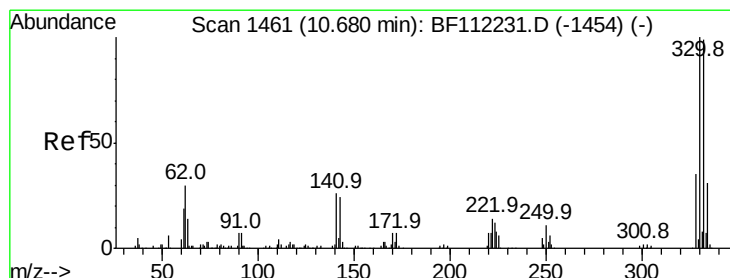
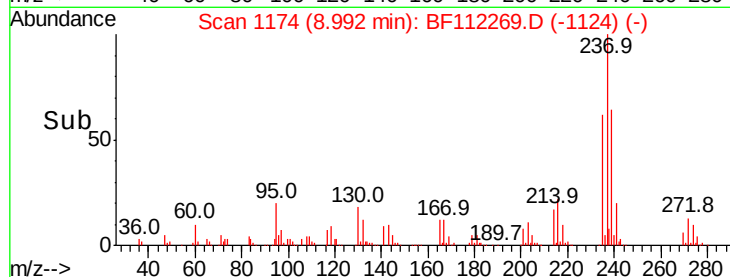
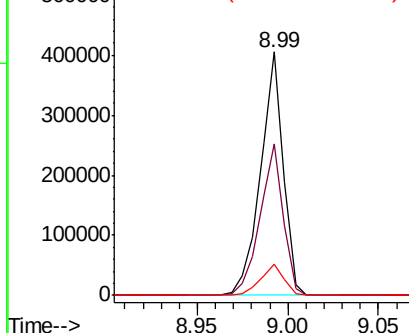
Tot Ion	Ratio	Resp	Lower	Upper
237	100	353442		
235	62.1	44.0	84.0	
272	12.8	0.0	33.3	

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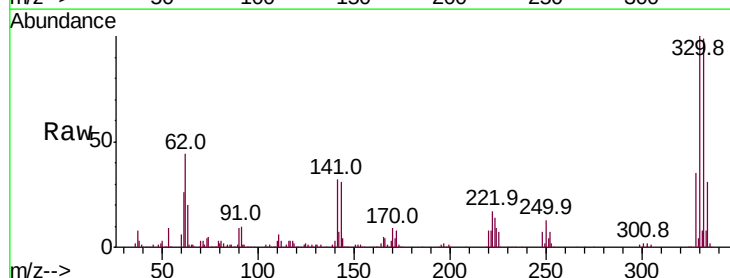


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

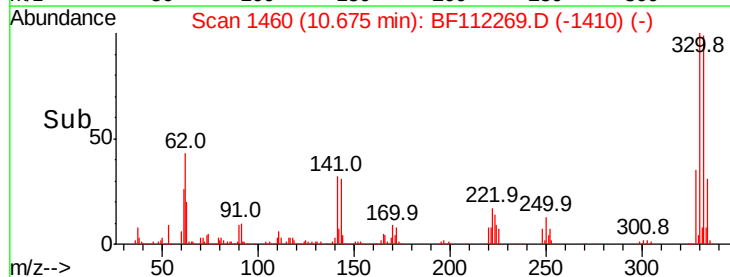
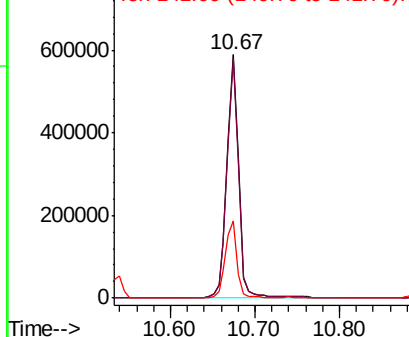


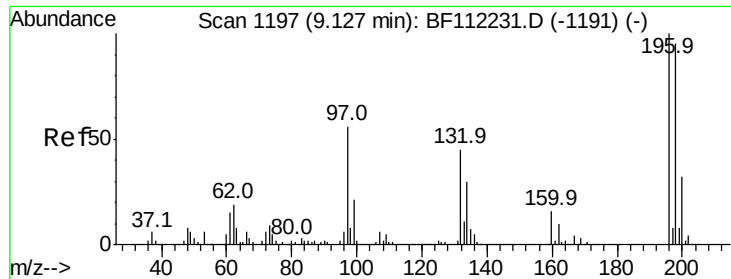
#42
 2,4,6-Tribromophenol
 Concen: 128.783 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	576774		
332	98.3	76.6	114.8	
141	31.5	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





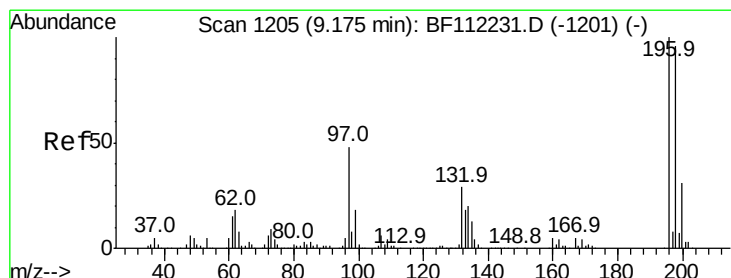
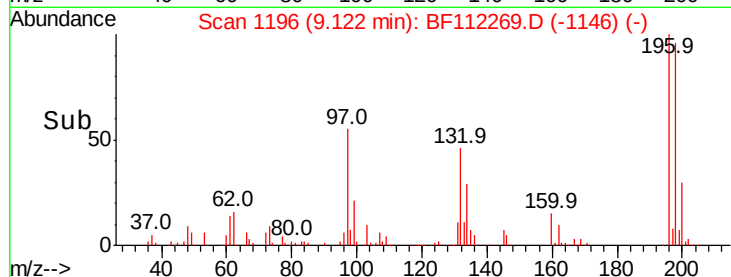
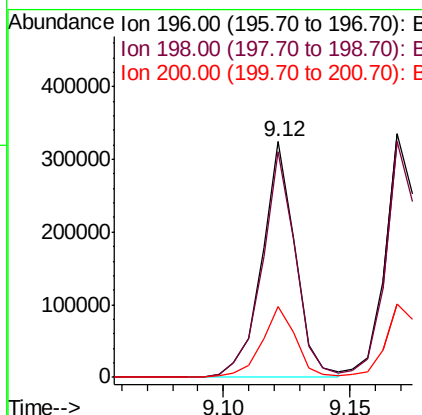
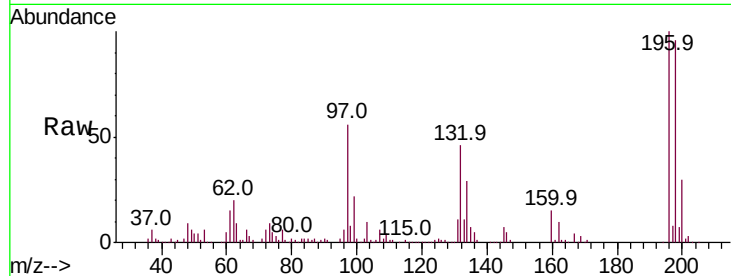
#43
 2,4,6-Trichlorophenol
 Concen: 38.002 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampled :
 PB116645BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	295935		
198	95.7	76.2	114.4	
200	29.8	24.3	36.5	

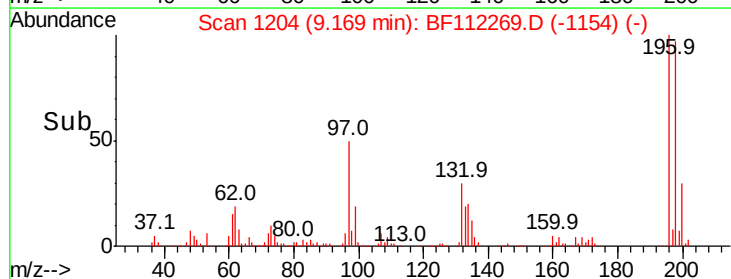
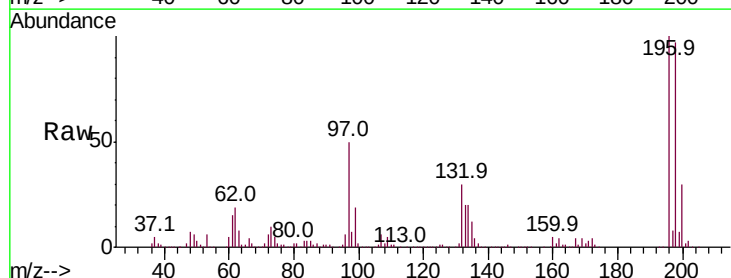
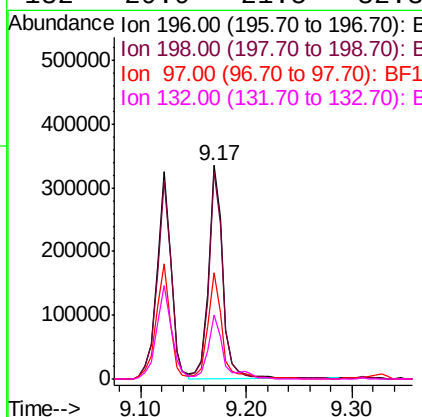
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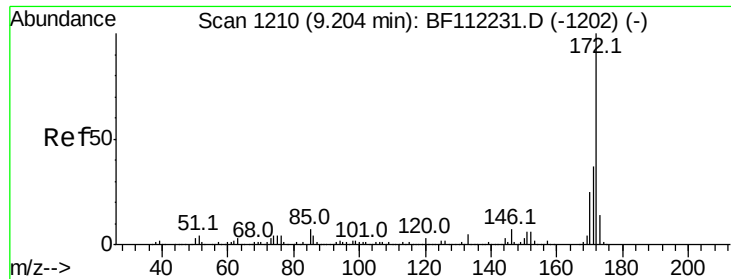
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#44
 2,4,5-Trichlorophenol
 Concen: 39.047 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317795		
198	97.1	76.0	114.0	
97	50.0	36.4	54.6	
132	29.9	21.5	32.3	





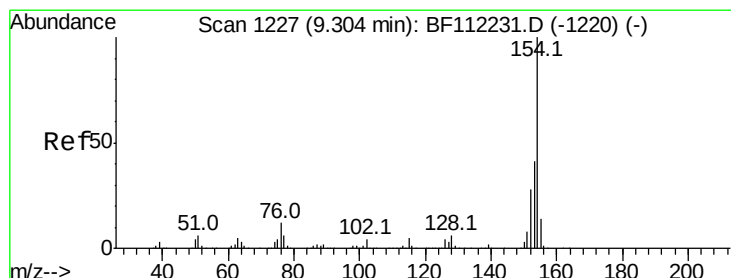
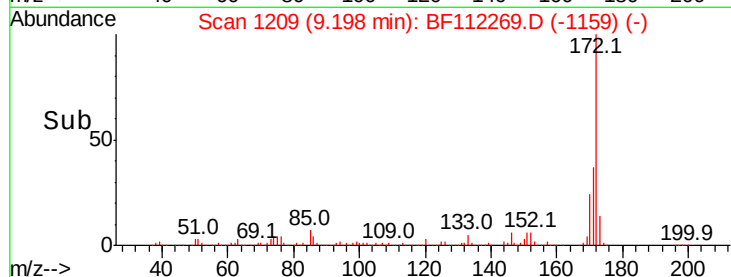
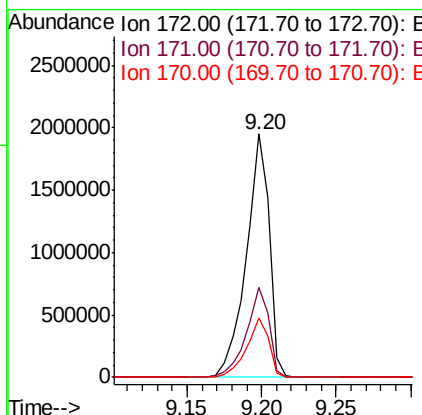
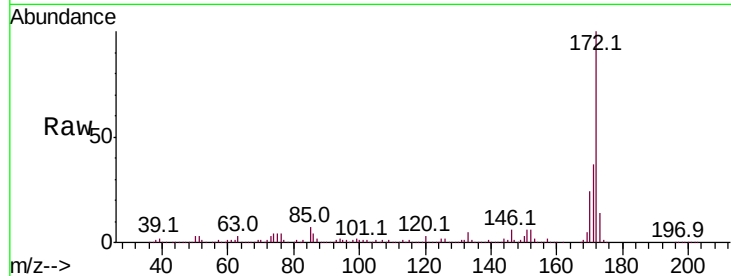
#45
2-Fluorobiphenyl
Concen: 76.172 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion:172 Resp: 2072283
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.4 20.2 30.4

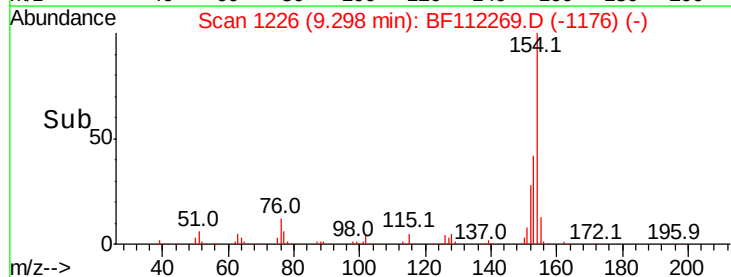
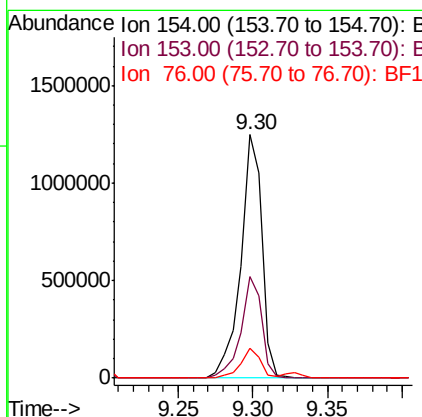
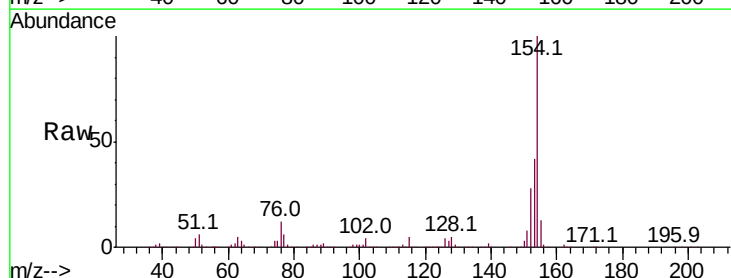
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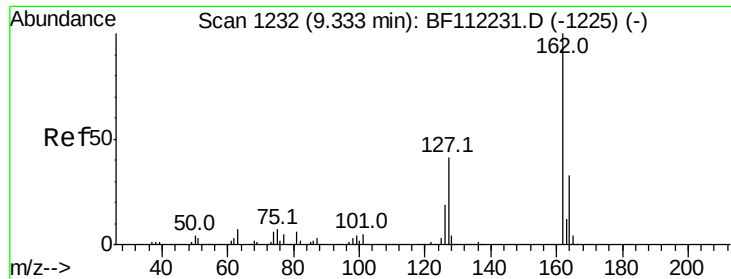
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#46
1,1'-Biphenyl
Concen: 36.516 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion:154 Resp: 1228345
Ion Ratio Lower Upper
154 100
153 41.6 21.5 61.5
76 12.3 0.0 33.1





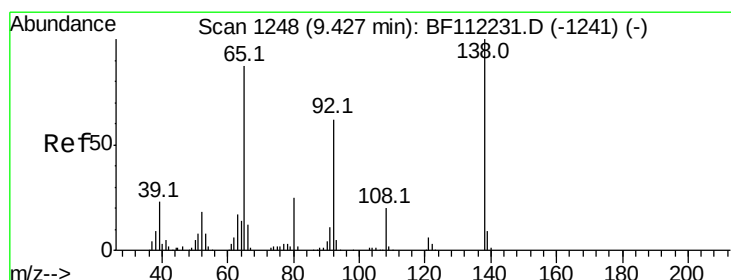
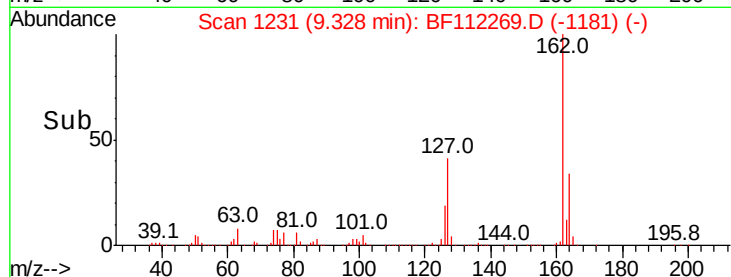
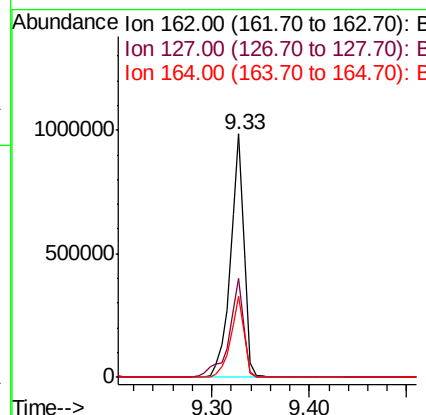
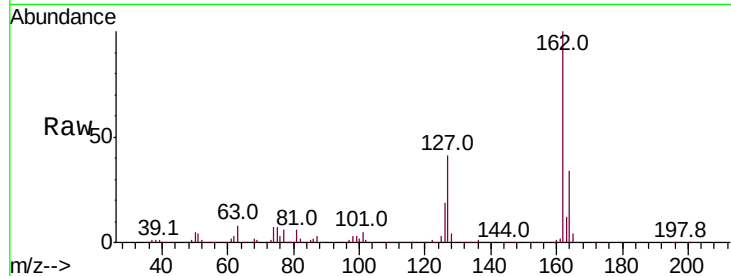
#47
 2-Chloronaphthalene
 Concen: 36.100 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleID :
 PB116645BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	30.4	45.6	
164	33.5	27.4	41.2	

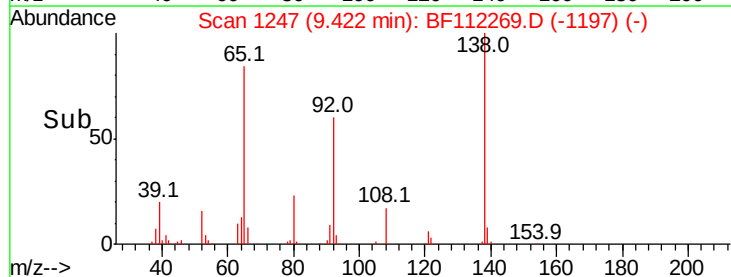
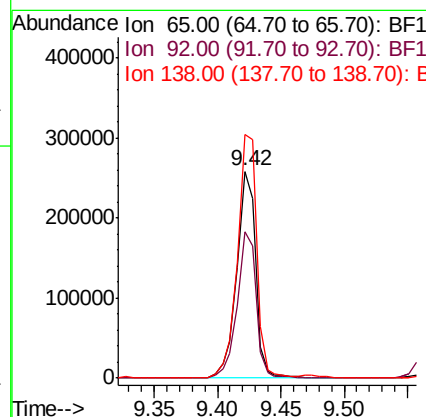
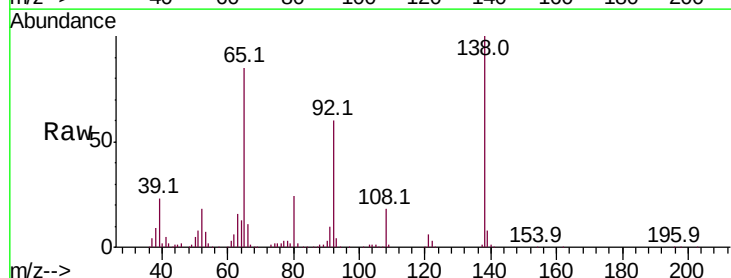
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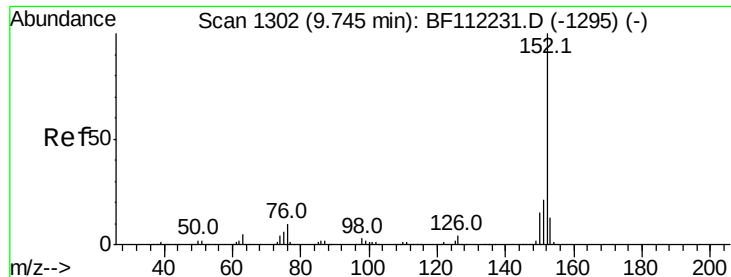
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#48
 2-Nitroaniline
 Concen: 37.322 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.7	60.4	90.6	
138	117.6	104.4	156.6	





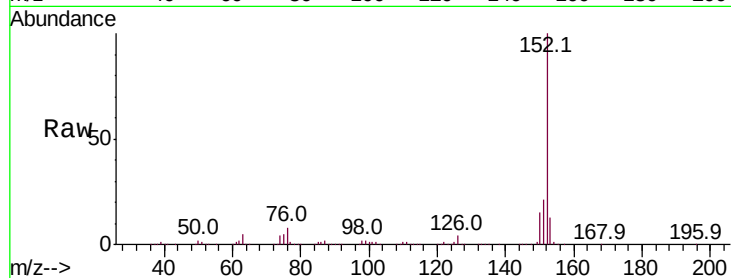
#49
Acenaphthylene
Concen: 39.444 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

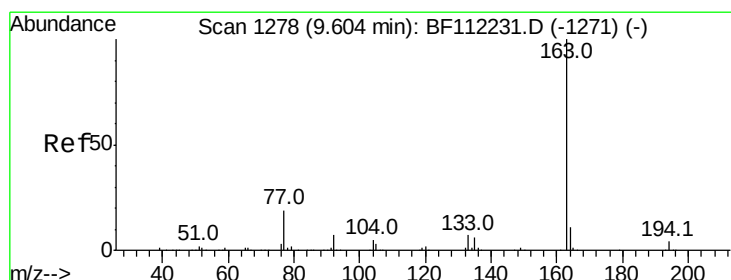
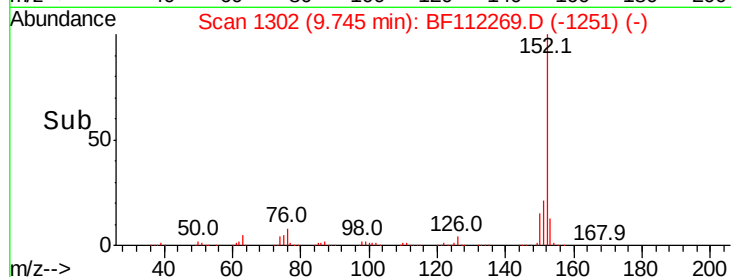
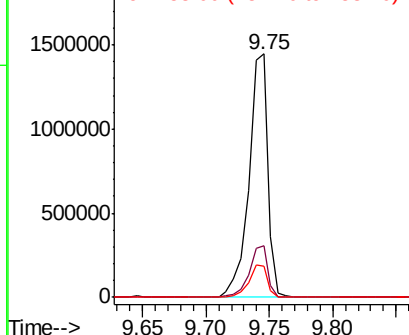
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6
153	13.0	11.2	16.8

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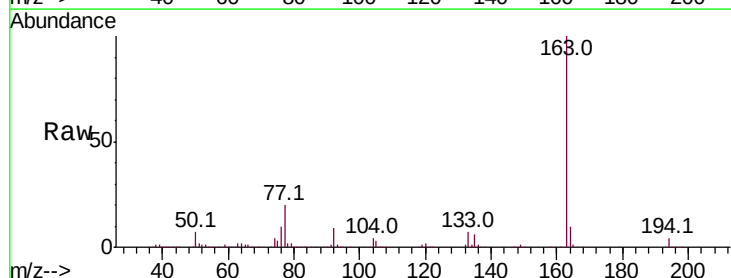


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

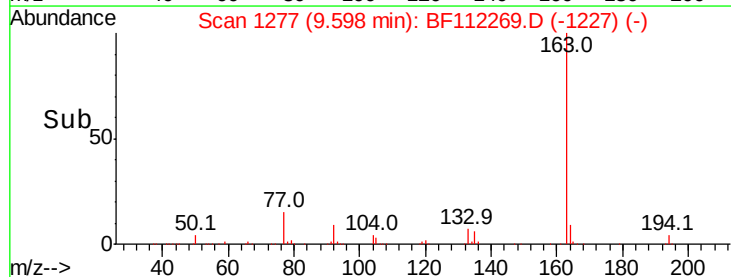
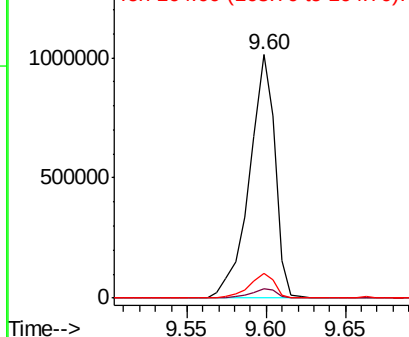


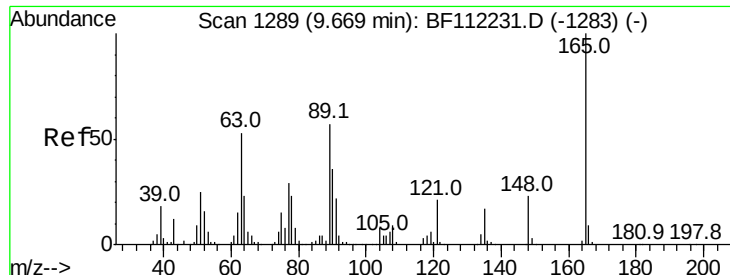
#50
Dimethylphthalate
Concen: 38.038 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.3	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.640 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Instrument :

BNA_F

ClientSampleId :

PB116645BS

Tot Ion:165 Resp: 258710

Ion Ratio Lower Upper

165 100

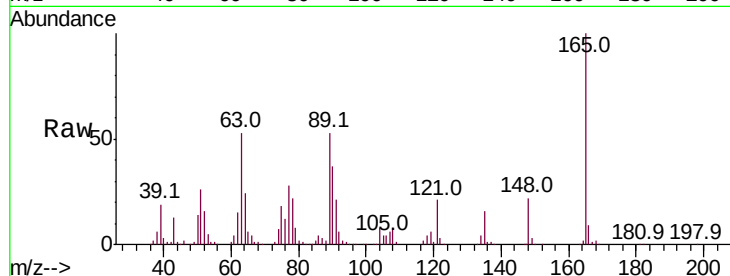
63 53.2 33.8 50.8#

89 53.2 36.9 55.3

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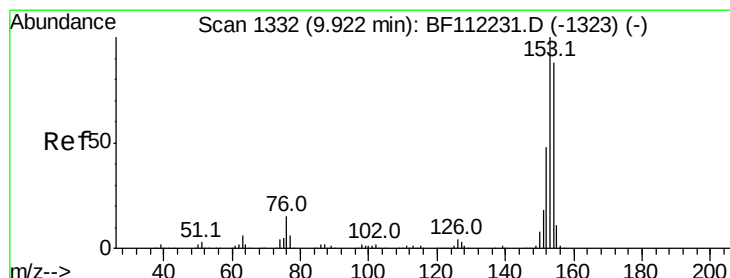
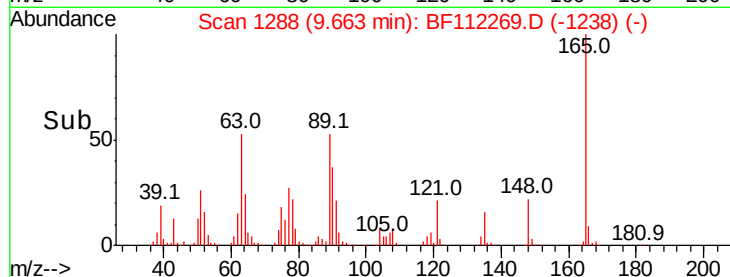
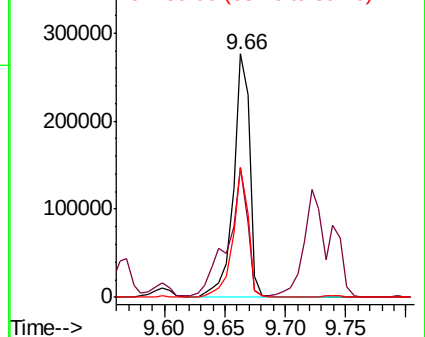
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.263 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

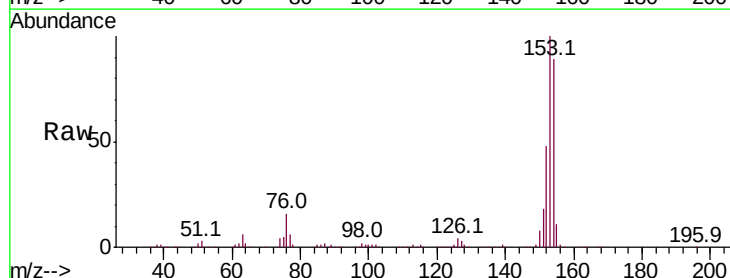
Tgt Ion:154 Resp: 873925

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

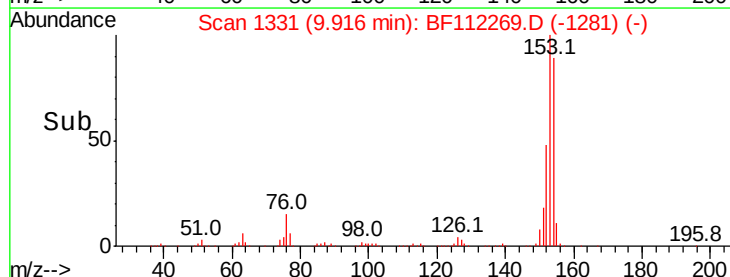
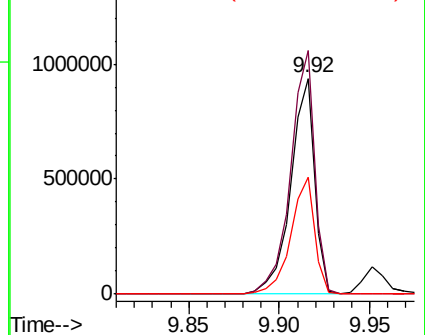
152 54.1 43.5 65.3

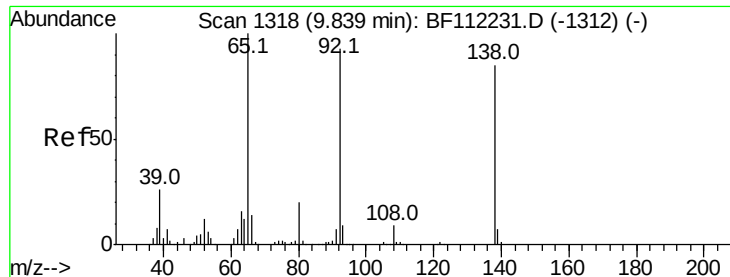


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





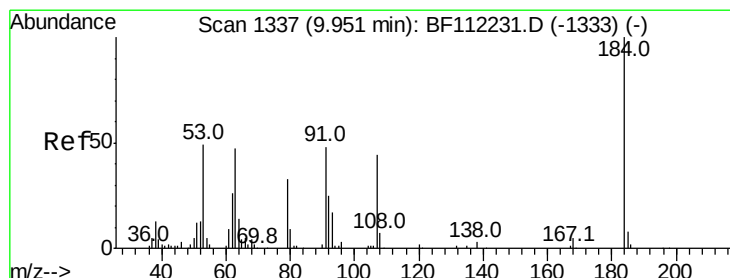
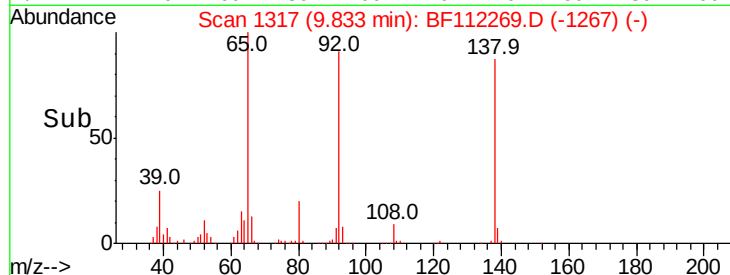
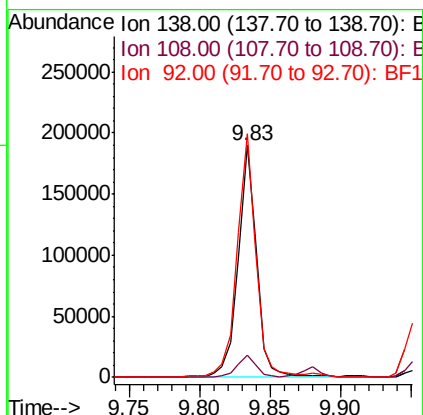
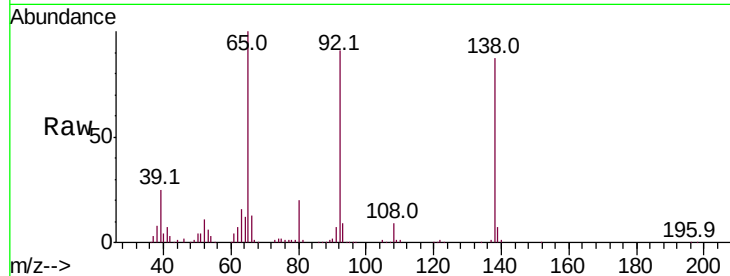
#53
3-Nitroaniline
Concen: 23.973 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	104.9	79.4	119.2

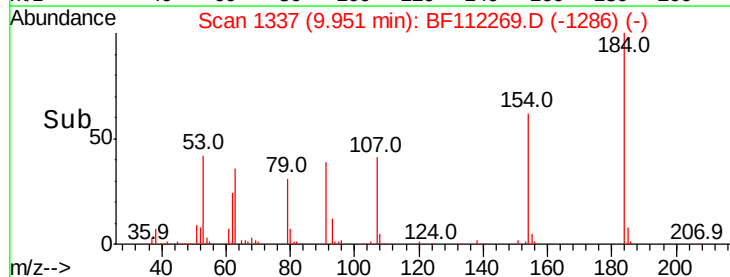
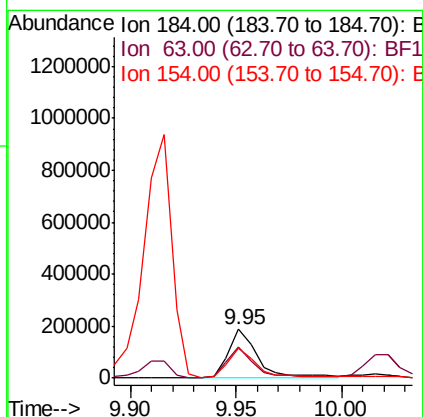
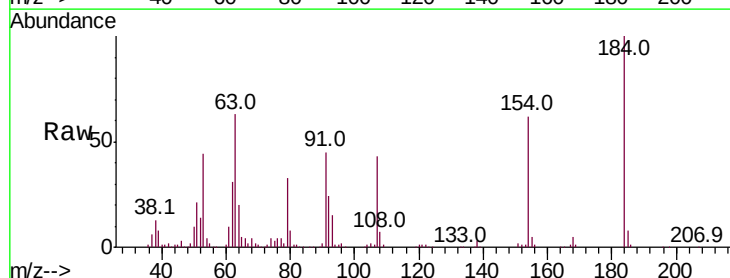
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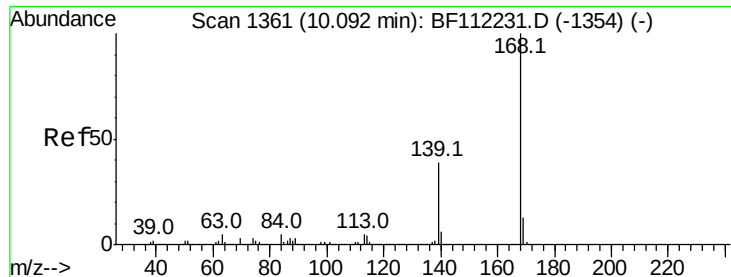
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#54
2,4-Dinitrophenol
Concen: 85.614 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	47.1	70.7
154	62.1	48.9	73.3





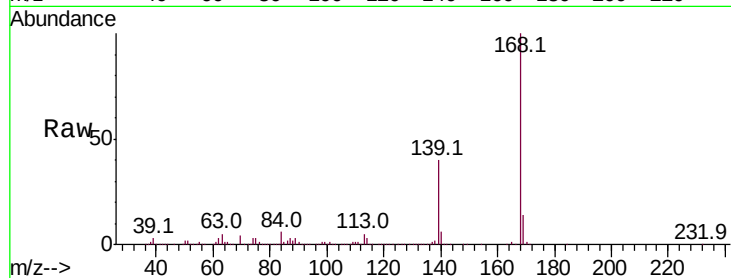
#55
Dibenzofuran
Concen: 37.954 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.2	43.8
169	13.9	11.4	17.0

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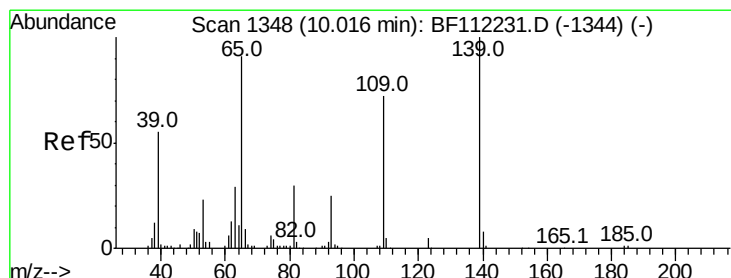
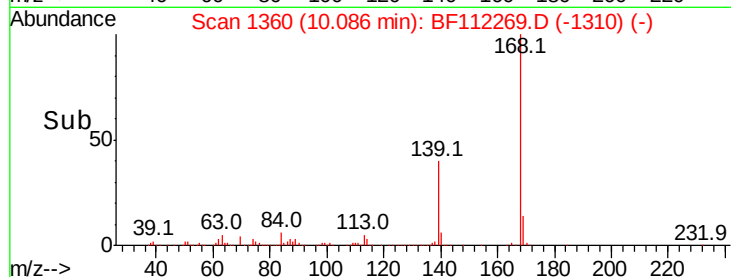
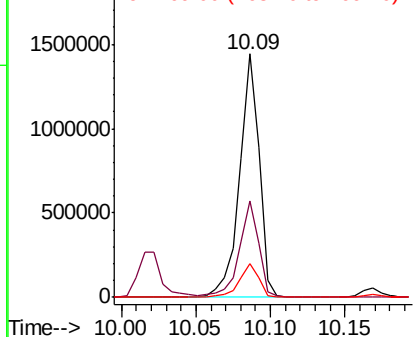


Abundance

Ion 168.00 (167.70 to 168.70): E

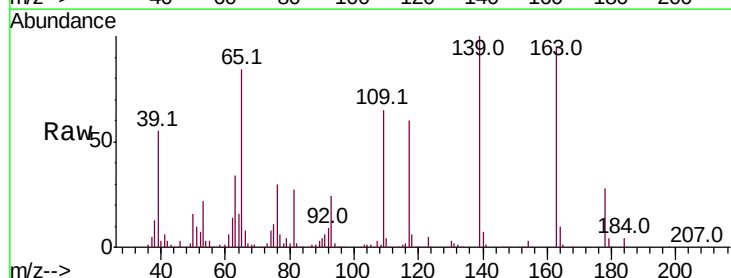
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 76.580 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	42.8	82.8
65	84.2	66.1	106.1

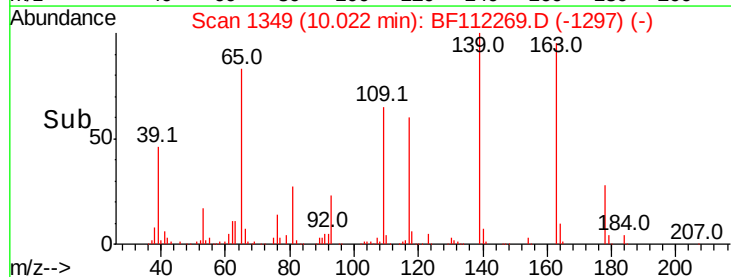
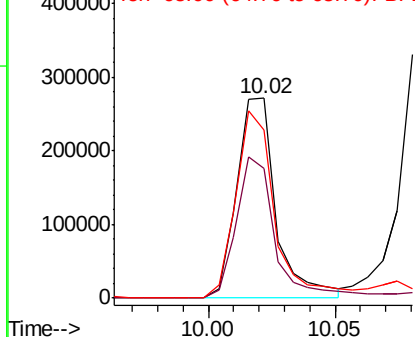


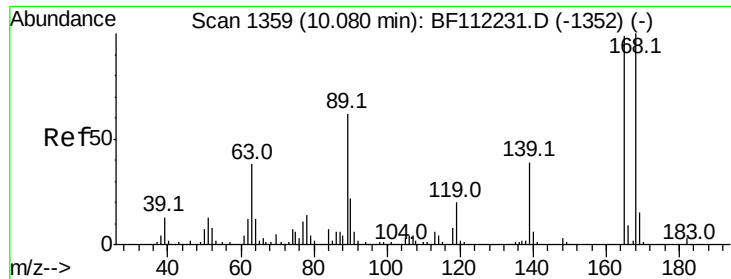
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





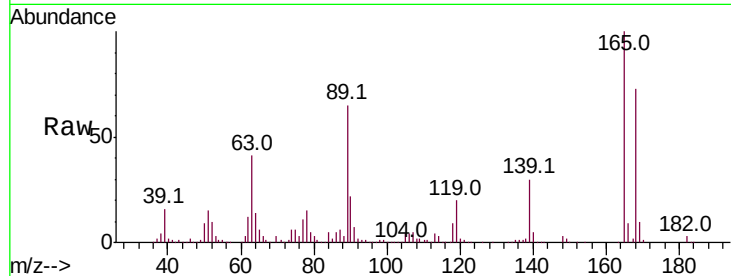
#57
2,4-Dinitrotoluene
Concen: 39.620 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.1	27.9	41.9	
89	65.4	47.9	71.9	
182	3.1	2.2	3.4	

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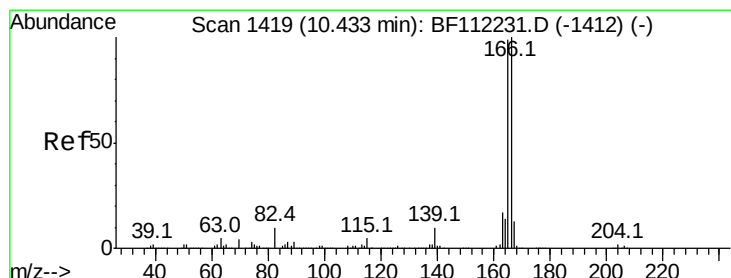
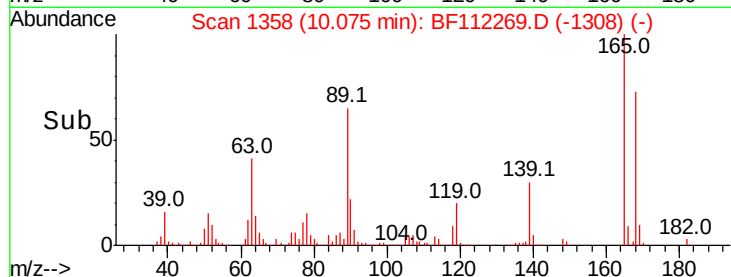
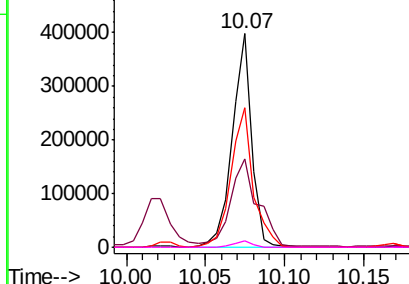
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

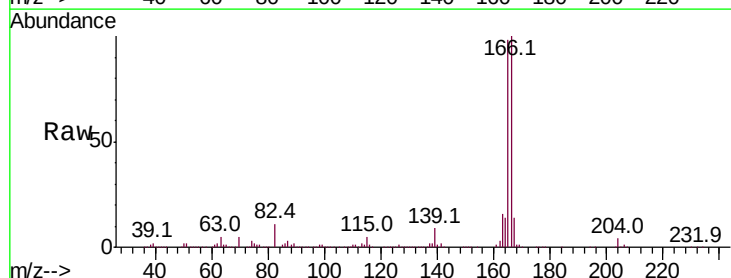
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.694 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	77.1	115.7	
167	13.7	11.3	16.9	

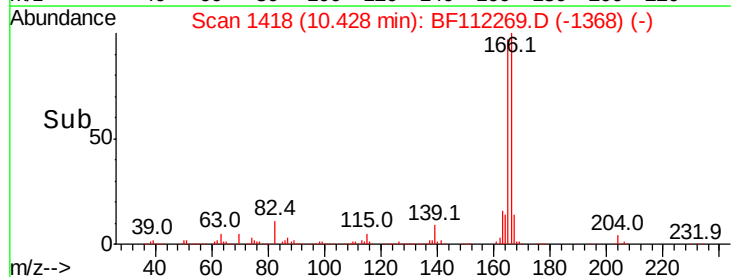
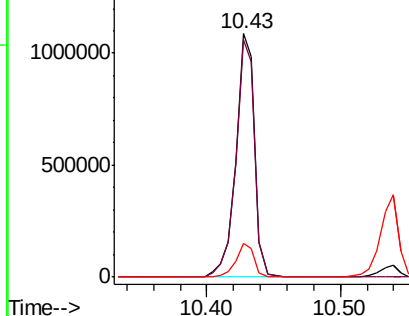


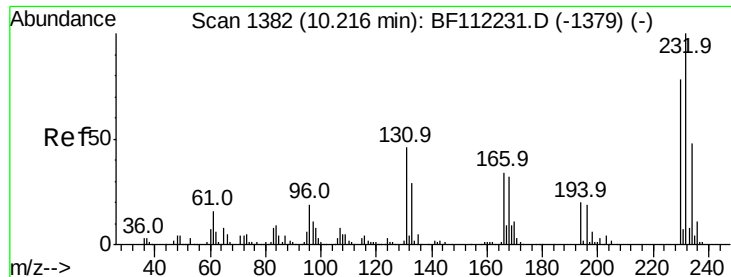
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





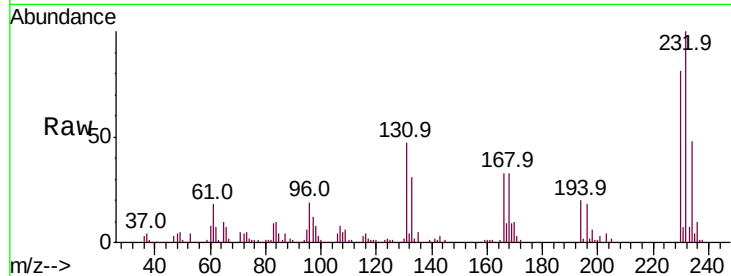
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.473 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

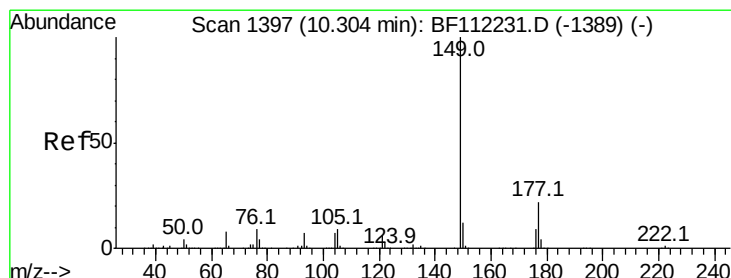
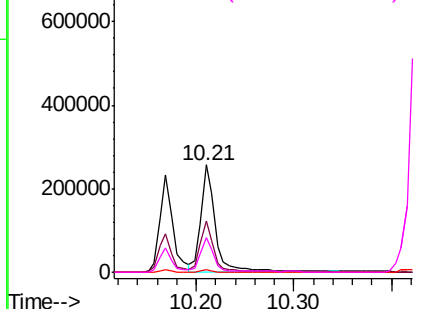
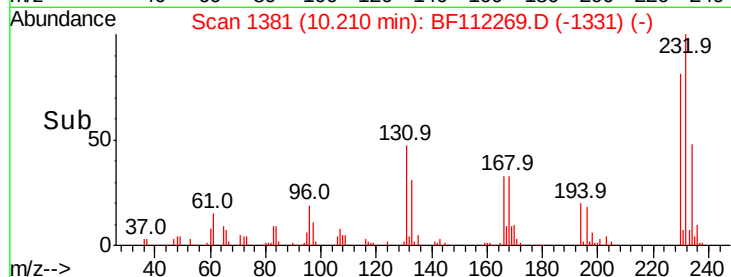
Tot Ion	Ratio	Resp	Lower	Upper
232	100	261231		
131	42.8		33.9	50.9
130	2.3		1.8	2.6
166	29.5		23.6	35.4

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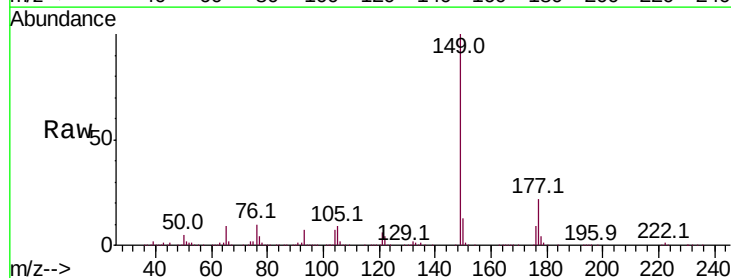


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

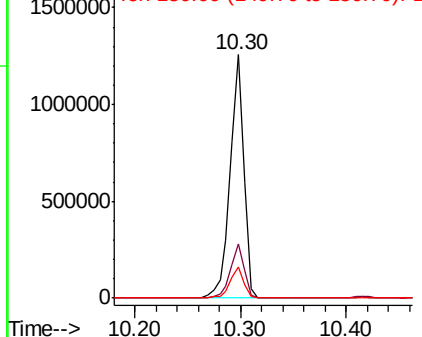
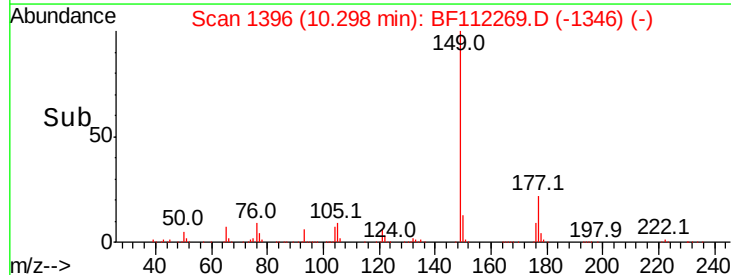


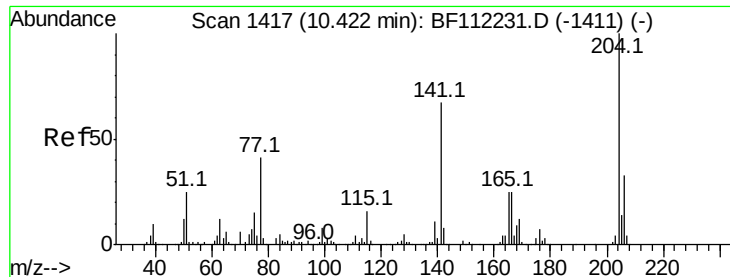
#60
 Diethylphthalate
 Concen: 37.936 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1125459		
177	22.1		18.2	27.2
150	12.9		10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





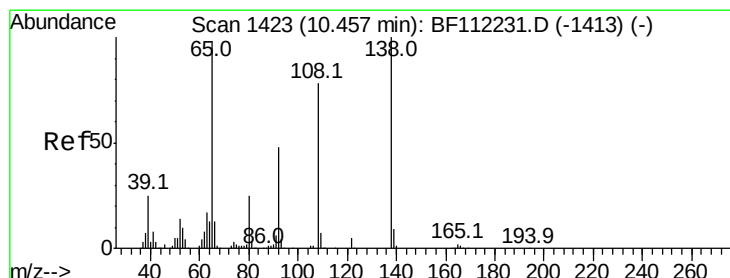
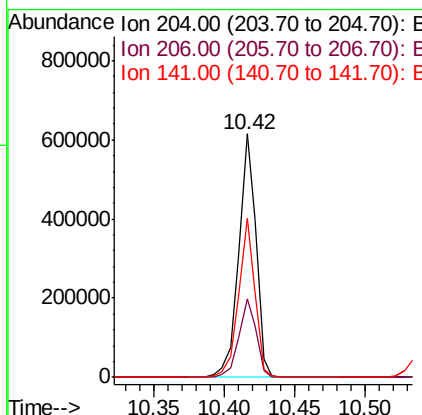
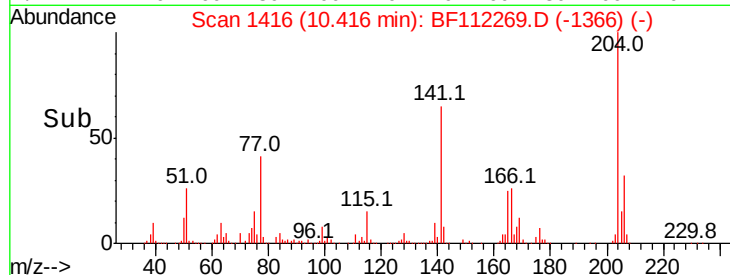
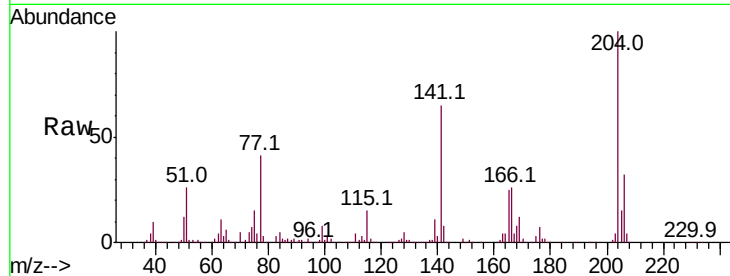
#61
 4-Chlorophenyl-phenylether
 Concen: 36.619 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

Tot Ion:	204	Resp:	520279
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	65.1	45.9	68.9

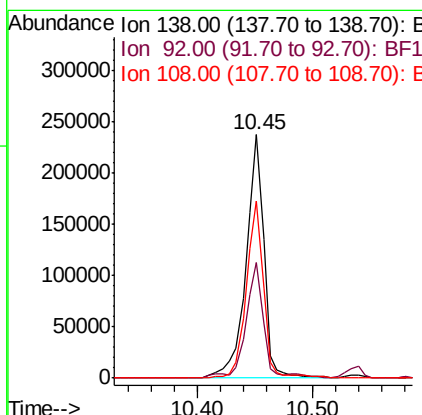
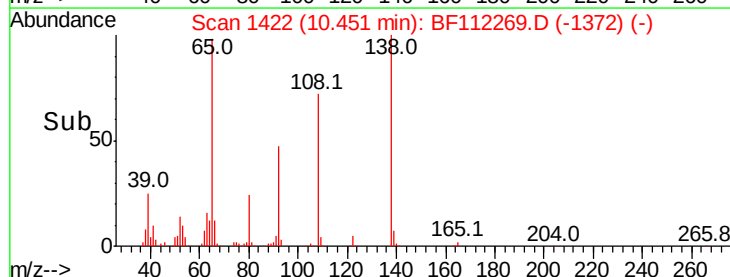
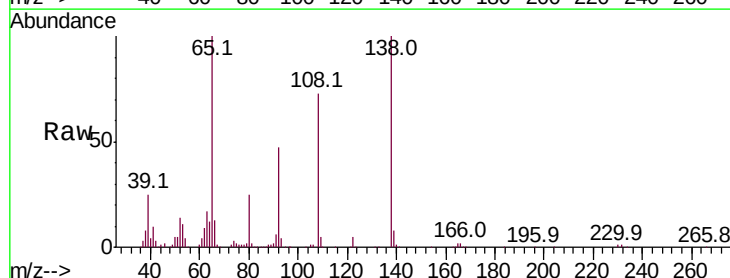
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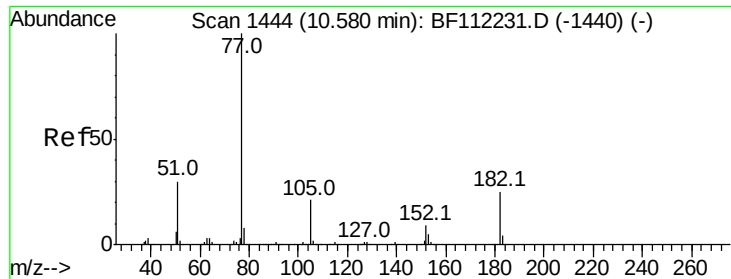
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#62
 4-Nitroaniline
 Concen: 36.038 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion:	138	Resp:	256398
Ion Ratio	Lower	Upper	
138	100		
92	47.2	30.6	70.6
108	72.9	50.0	90.0





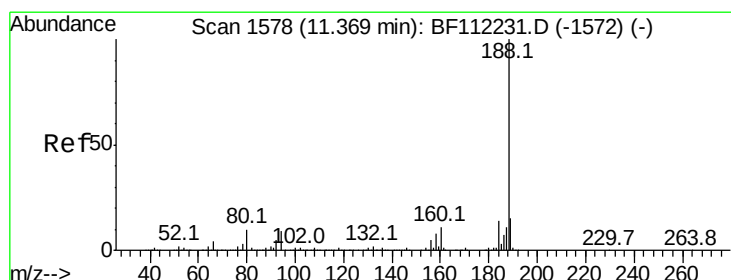
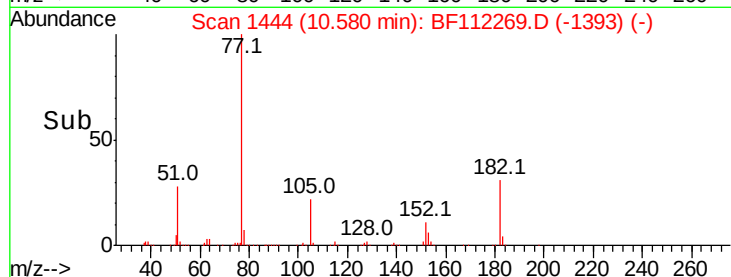
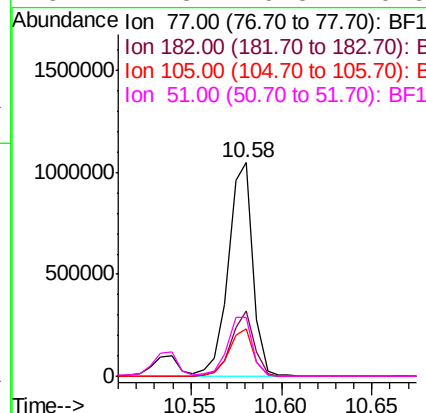
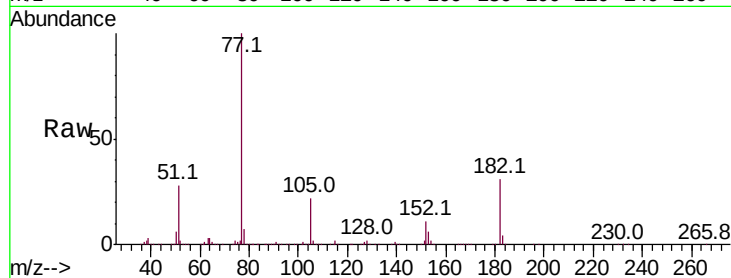
#63
Azobenzene
Concen: 37.771 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.8	5.7	45.7
105	22.4	1.4	41.4
51	27.8	9.5	49.5

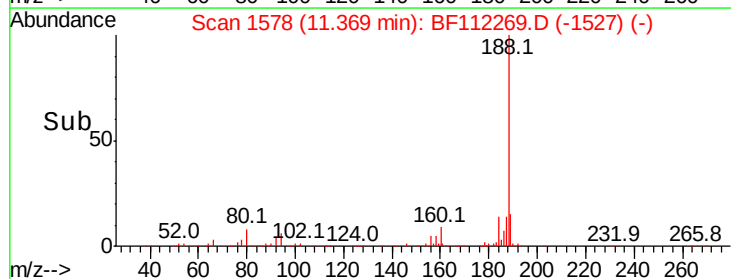
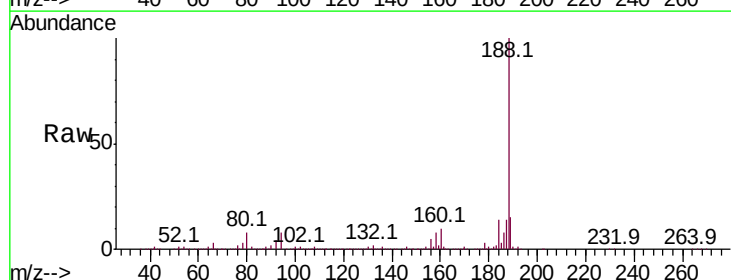
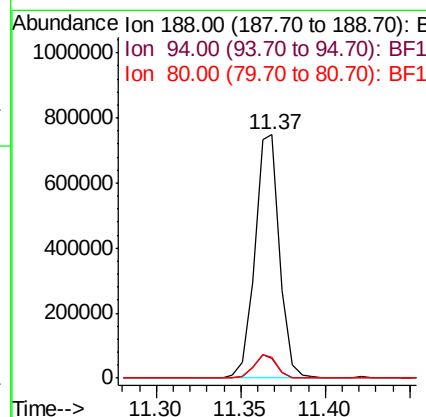
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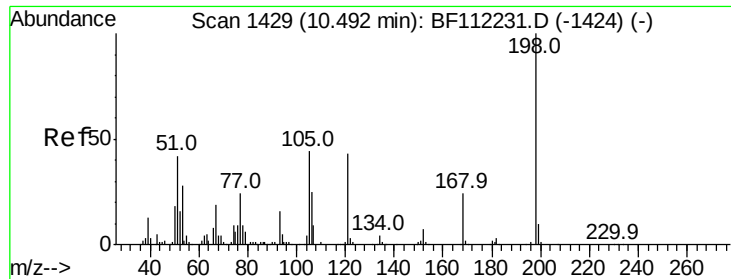
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.4	8.9	13.3#





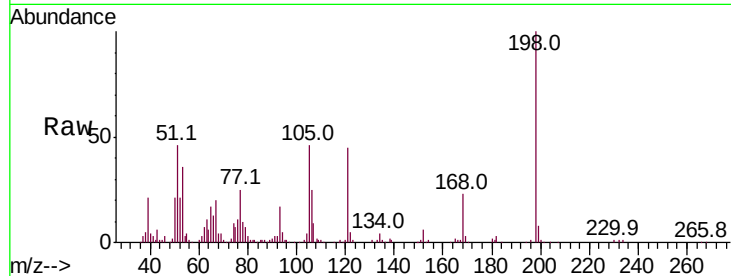
#65
4,6-Dinitro-2-methylphenol
Concen: 33.975 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	145342		
51	46.2	17.2	57.2	
105	46.3	21.9	61.9	

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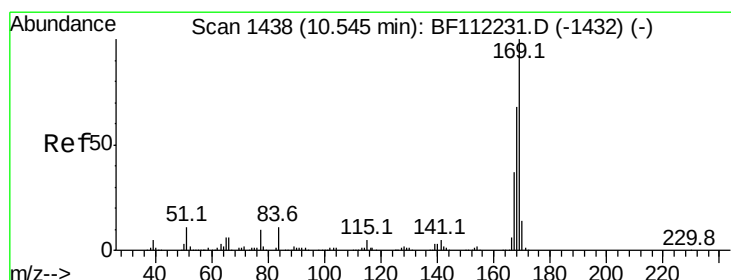
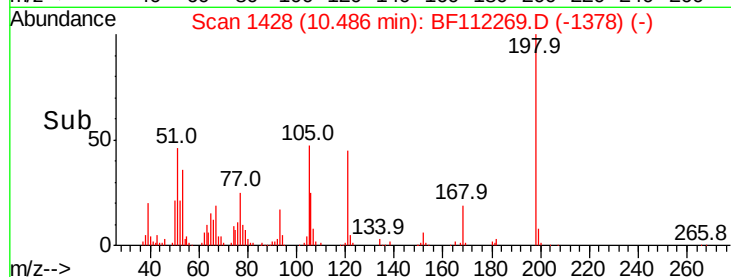
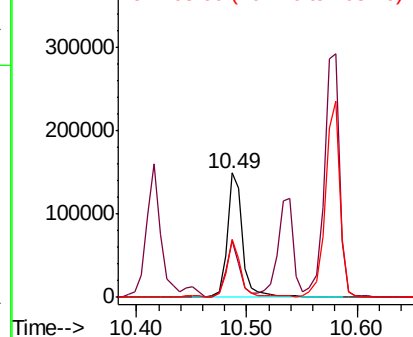


Abundance

Ion 198.00 (197.70 to 198.70): E

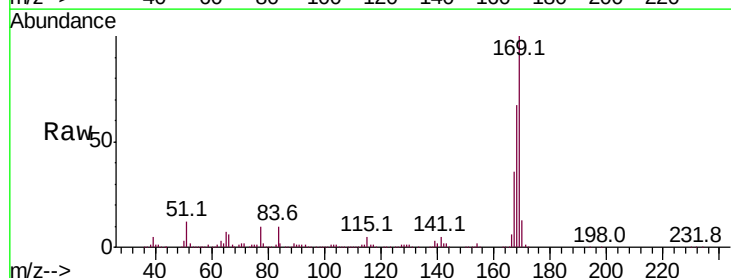
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 36.346 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	934660		
168	66.8	53.9	80.9	
167	36.3	28.9	43.3	

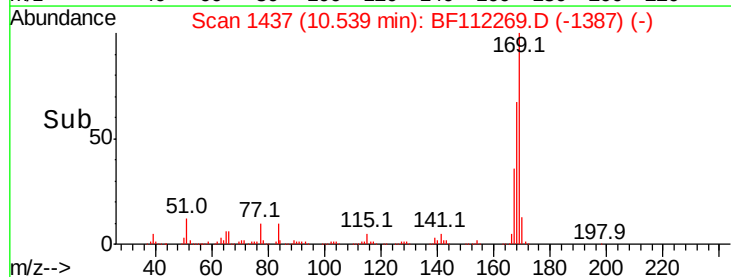
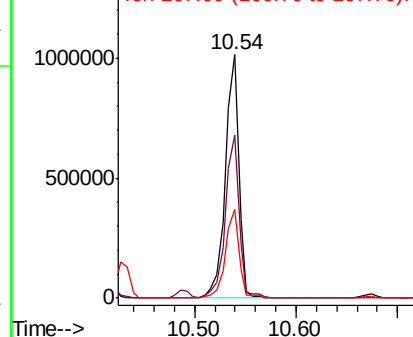


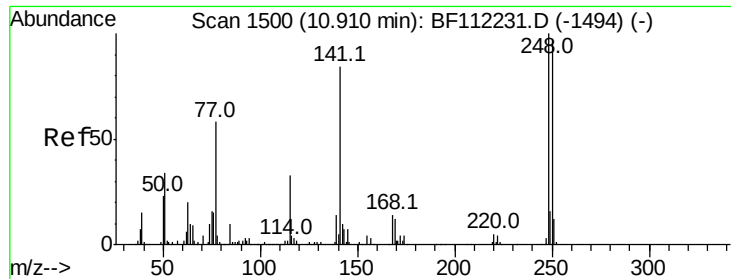
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





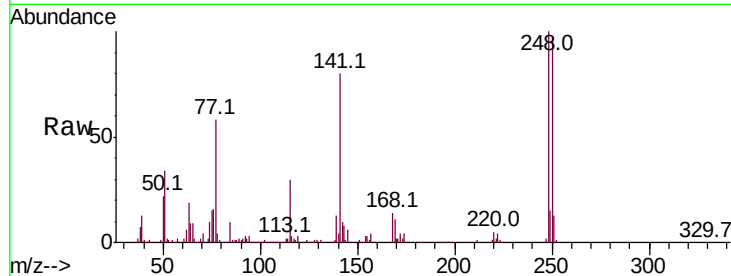
#67
4-Bromophenyl-phenylether
Concen: 36.276 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.7	119.5
141	79.9	60.3	90.5

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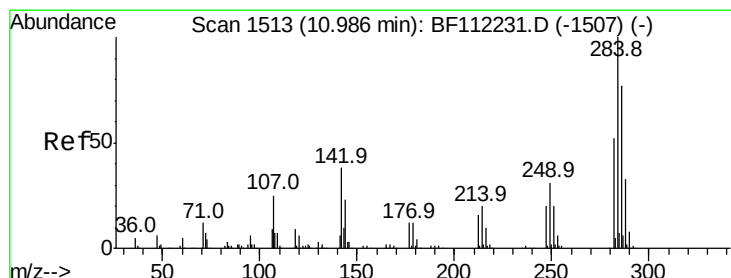
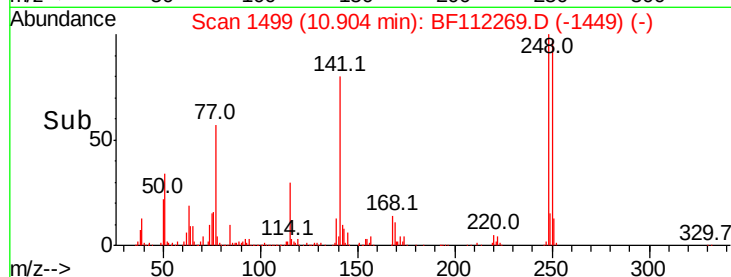
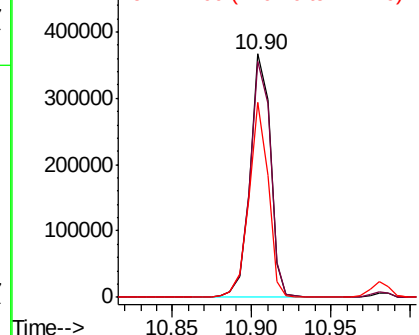


Abundance

Ion 248.00 (247.70 to 248.70): E

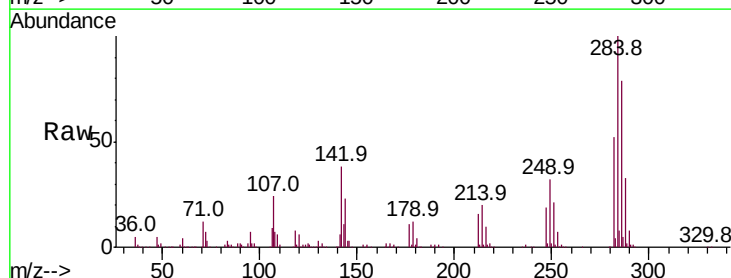
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.640 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	27.6	41.4
249	31.8	24.1	36.1

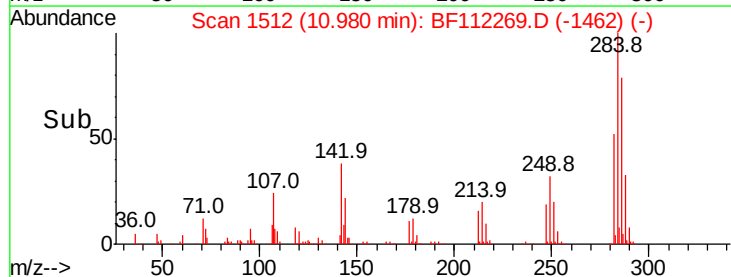
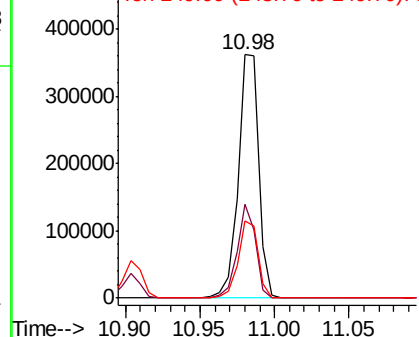


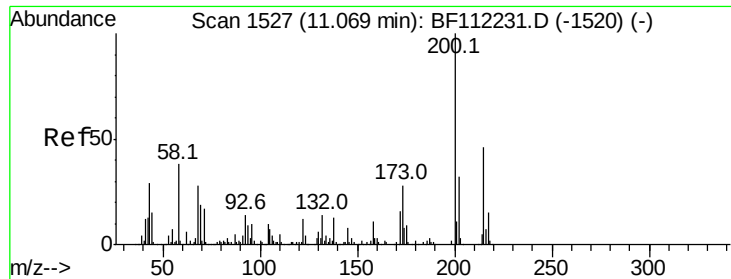
Abundance

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





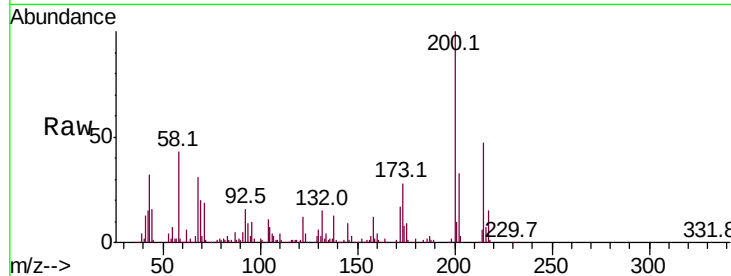
#69
Atrazine
Concen: 38.692 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.1	47.1
215	46.9	30.4	70.4

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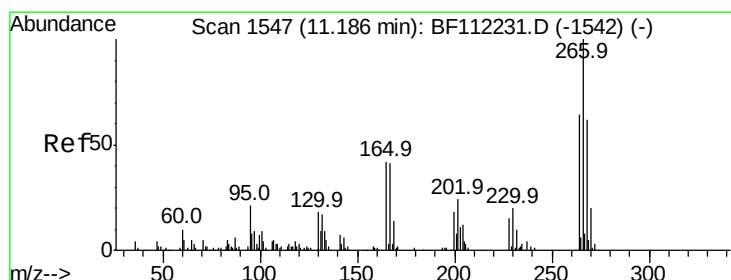
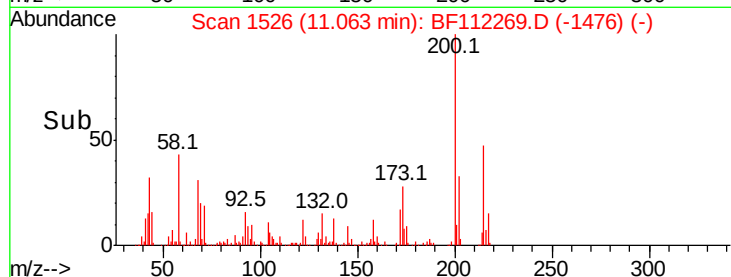
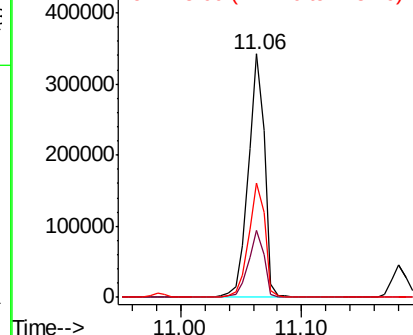


Abundance

Ion 200.00 (199.70 to 200.70): E

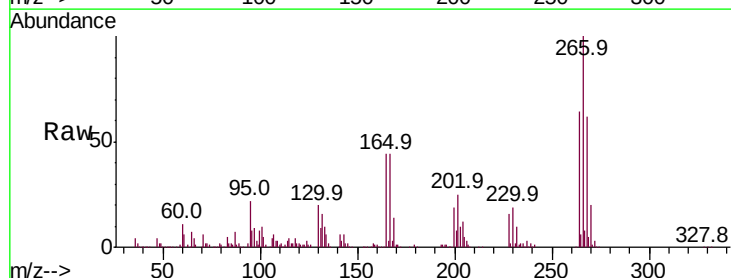
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 71.883 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.2	76.8
264	63.7	50.9	76.3

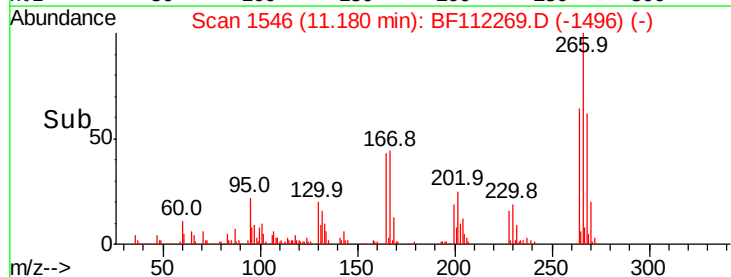
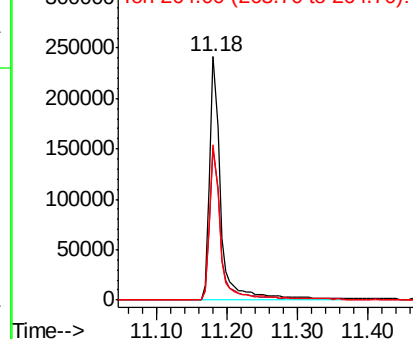


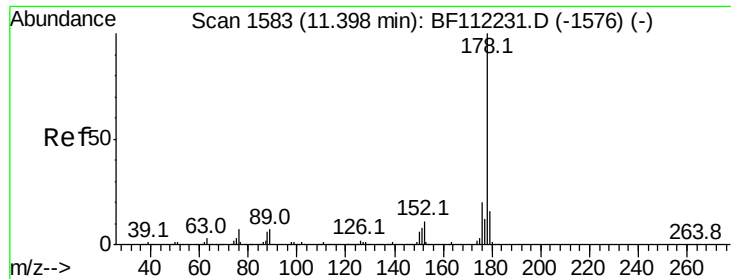
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





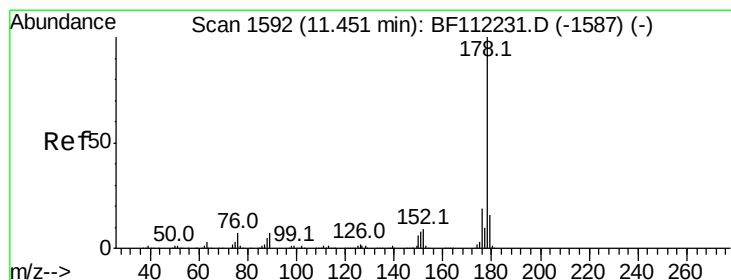
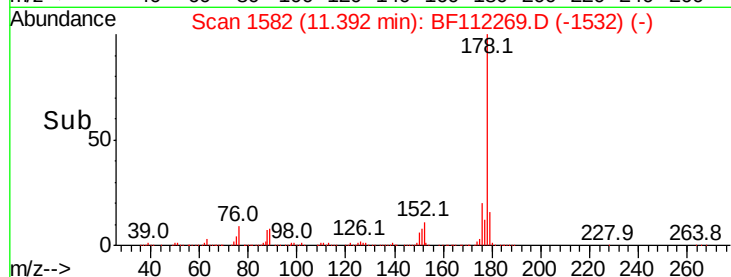
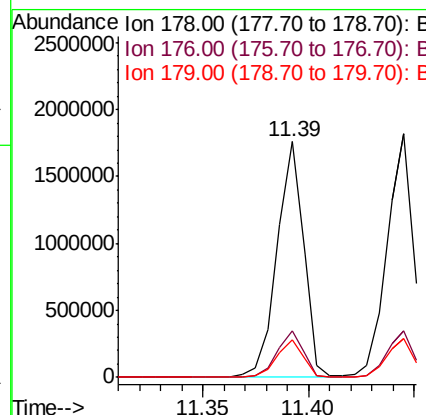
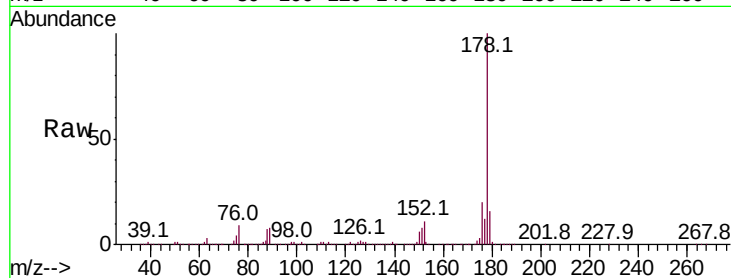
#71
Phenanthrene
Concen: 39.156 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.9	13.0	19.4

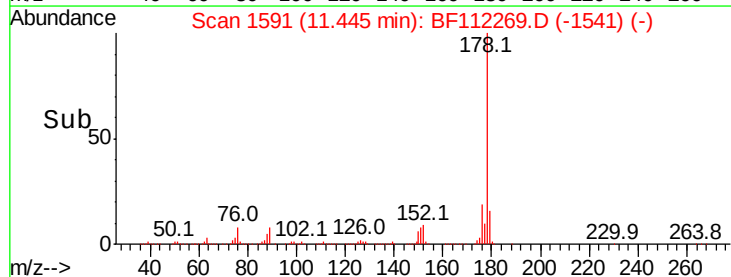
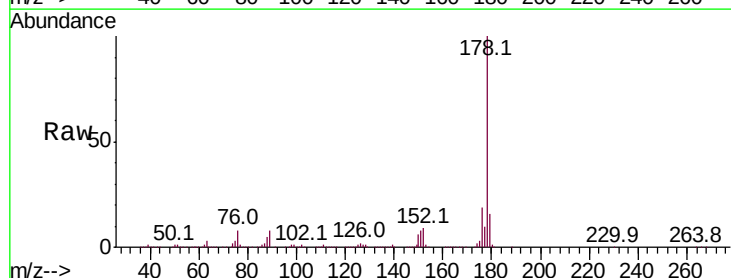
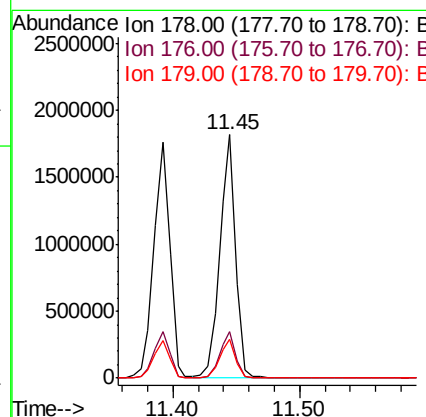
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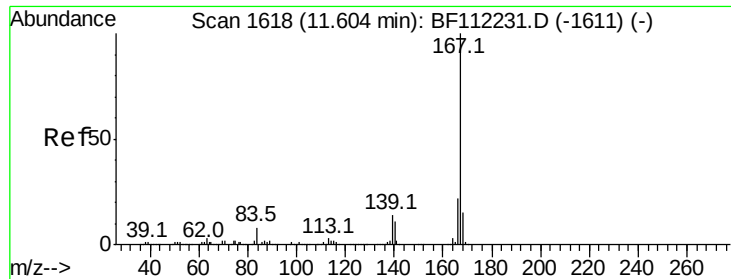
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#72
Anthracene
Concen: 40.601 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.9	12.8	19.2





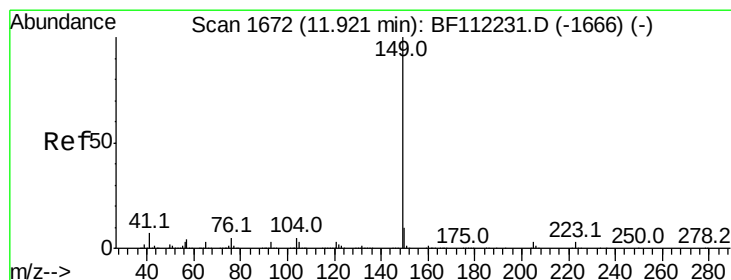
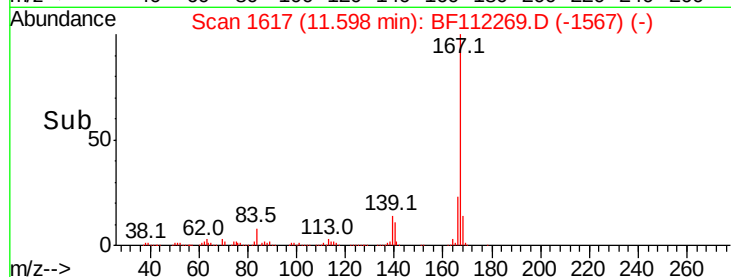
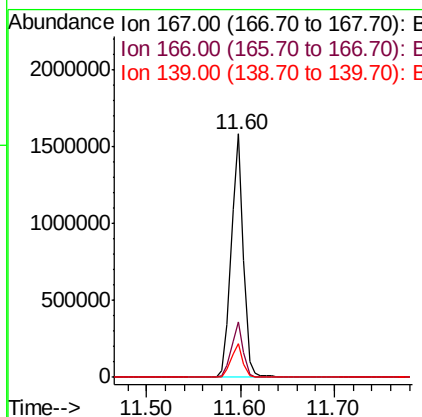
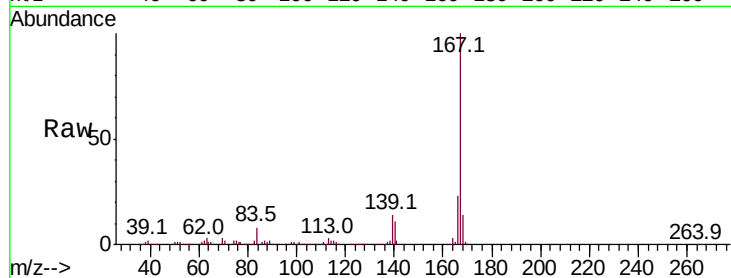
#73
 Carbazole
 Concen: 36.422 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.9	26.9
139	13.6	10.2	15.2

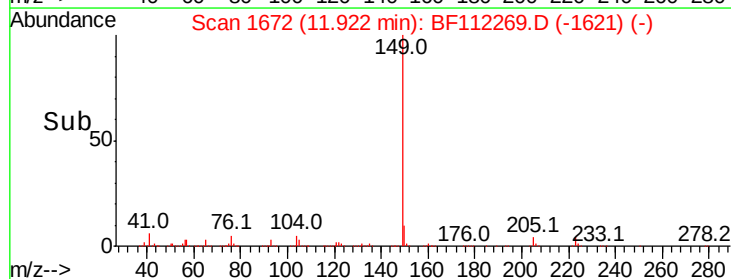
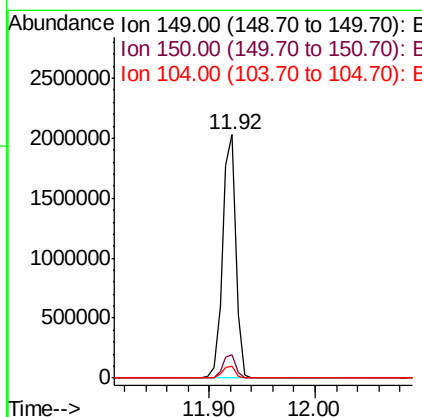
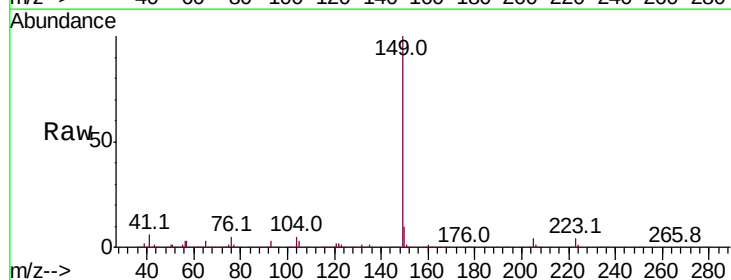
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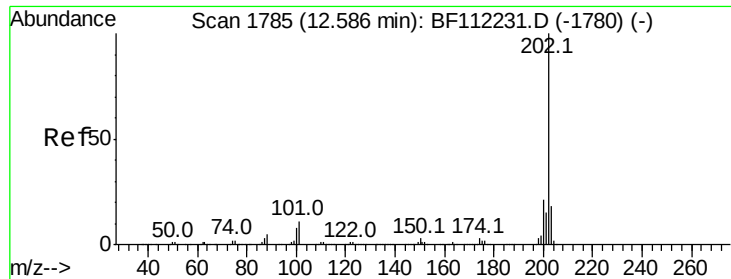
mohammad
 1/29/2019 9:34:52 AM



#74
 Di-n-butylphthalate
 Concen: 37.055 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 38.882 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Instrument :

BNA_F

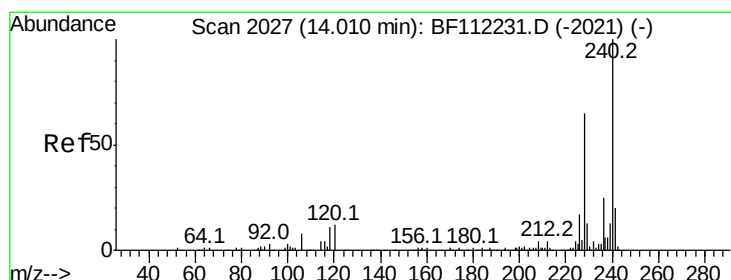
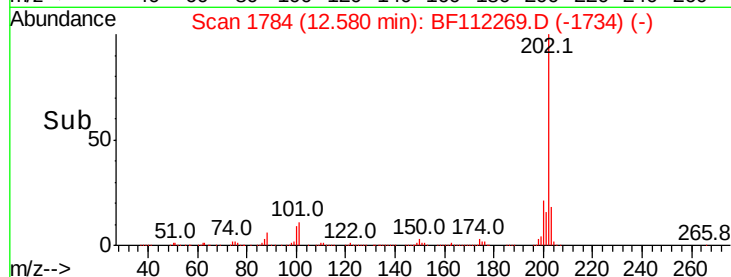
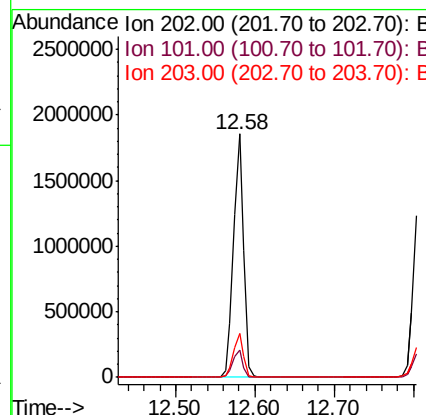
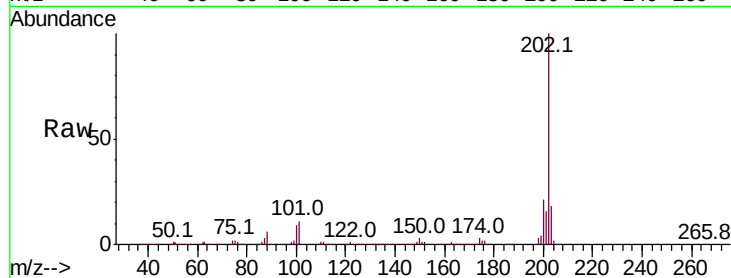
ClientSampleID :

PB116645BS

Tot Ion:	202	Resp:	1654290
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.8
203	18.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

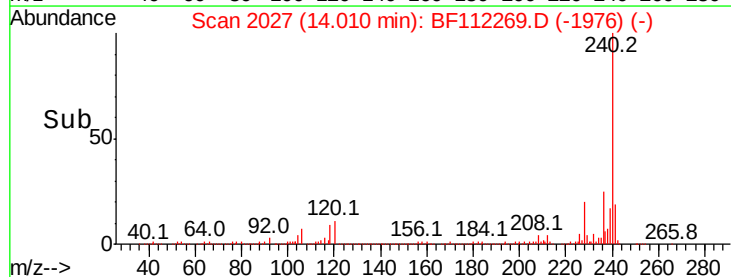
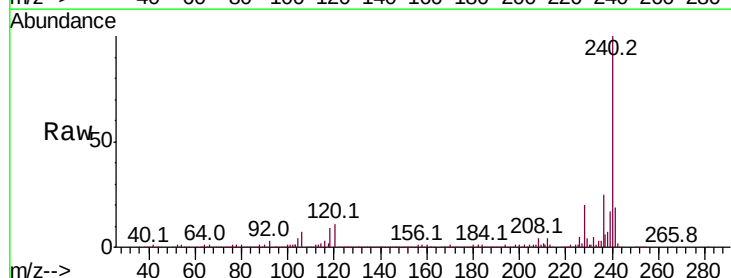
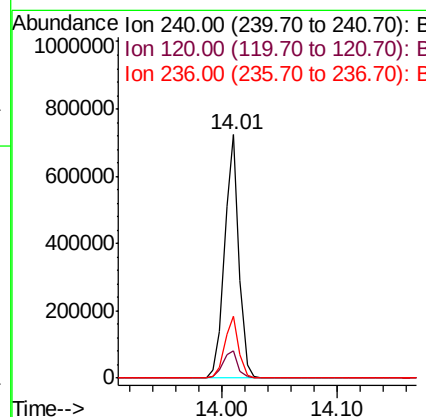
RT: 14.01 min Scan# 2027

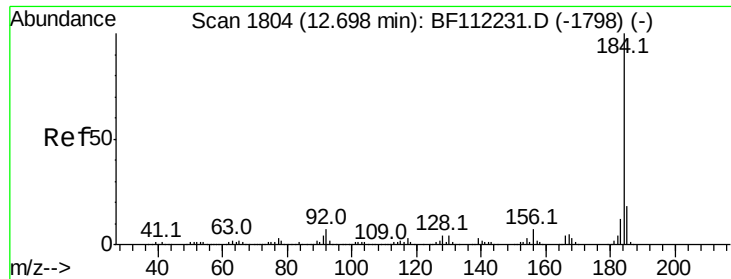
Delta R.T. 0.00 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Tgt Ion:	240	Resp:	616776
Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.4	20.7	31.1





#77

Benzidine

Concen: 36.649 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Instrument :

BNA_F

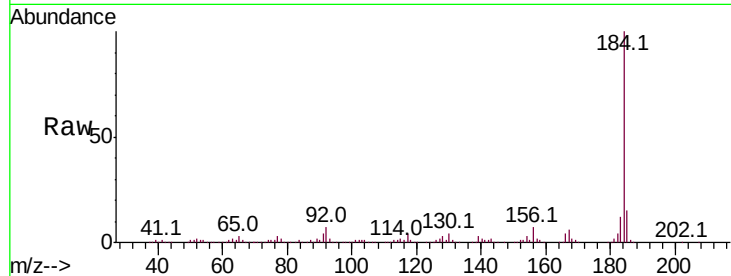
ClientSampleId :

PB116645BS

Tot Ion:	184	Resp:	622151
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.9	20.9
183	12.0	10.0	15.0

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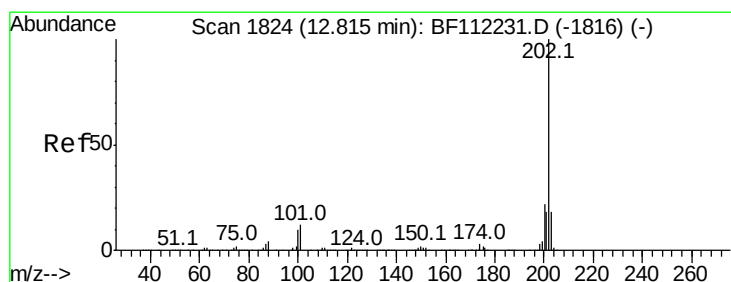
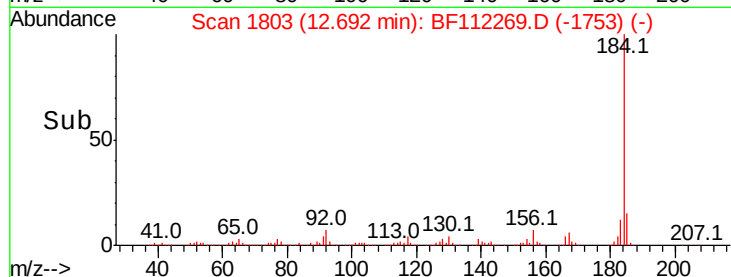
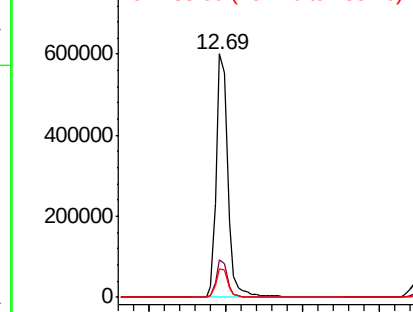


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.181 ng

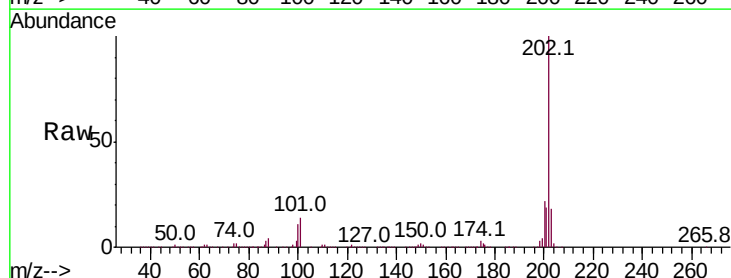
RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112269.D

Acq: 28 Jan 2019 12:45

Tgt Ion:	202	Resp:	1673110
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.8	14.6	22.0

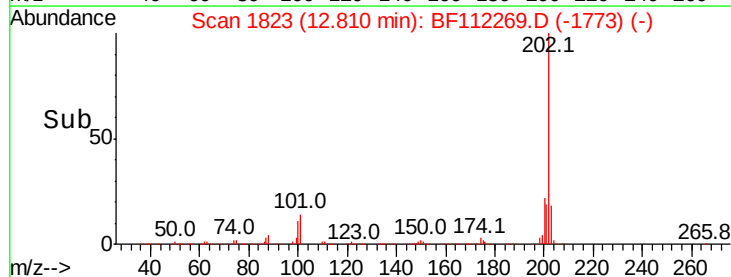
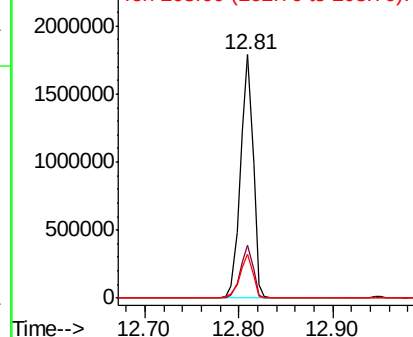


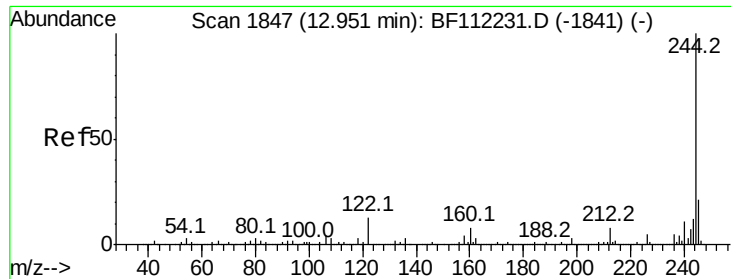
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





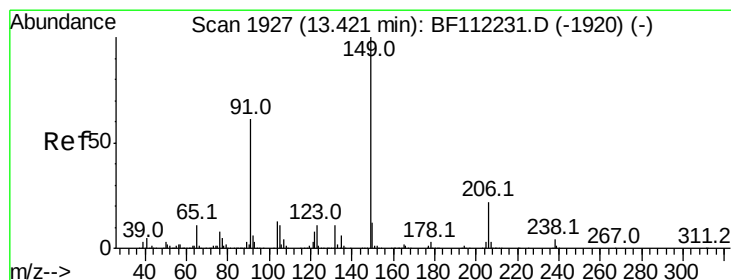
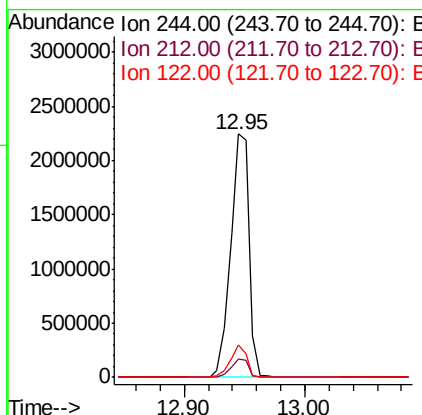
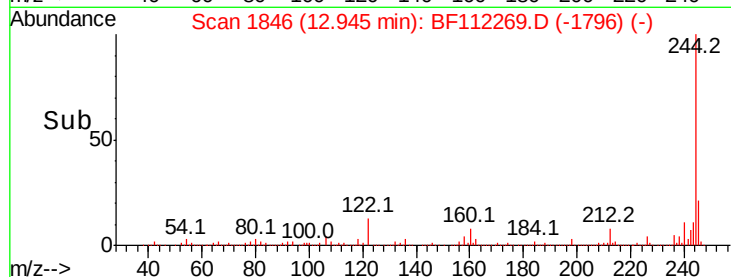
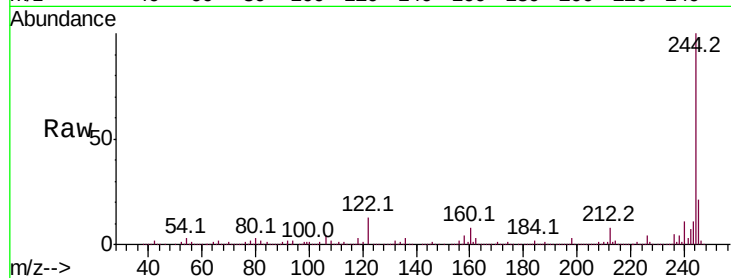
#79
 Terphenyl-d14
 Concen: 72.579 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	13.2	9.8	14.6

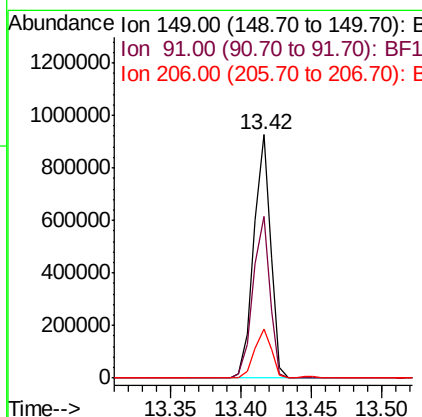
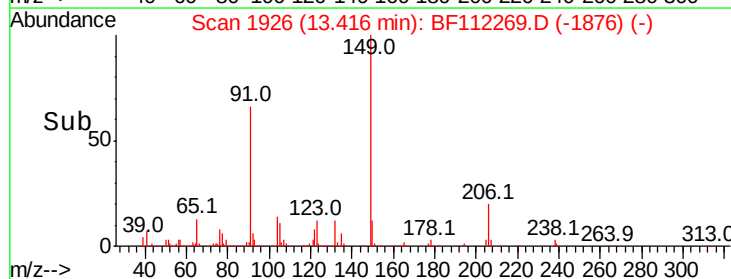
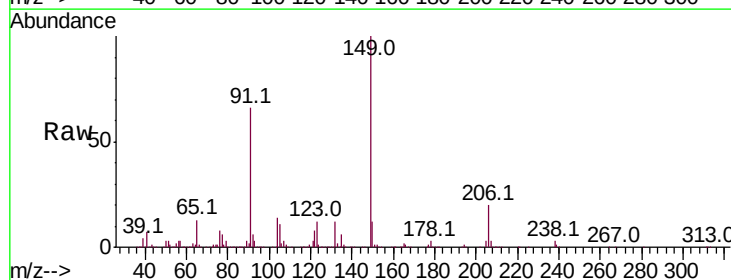
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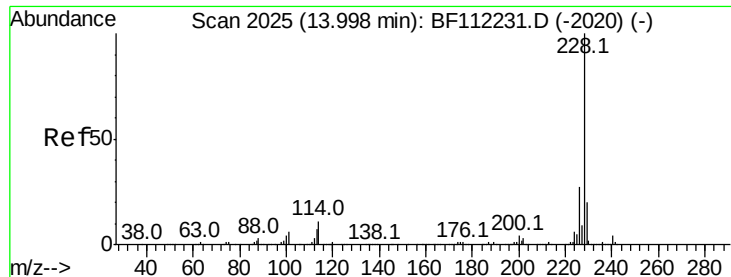
mohammad
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#80
 Butylbenzylphthalate
 Concen: 37.838 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	50.3	75.5
206	20.3	18.2	27.4





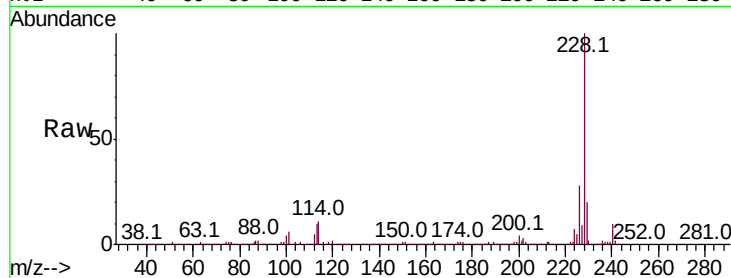
#81
Benzo(a)anthracene
Concen: 39.948 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.4	16.5	24.7

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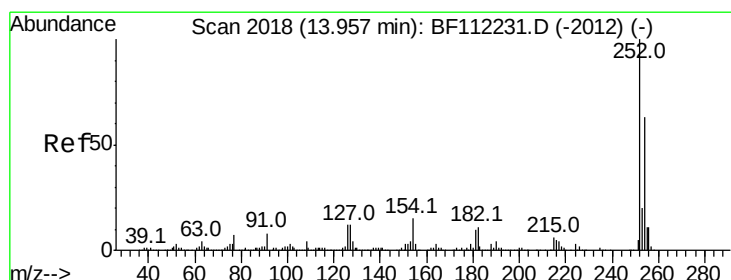
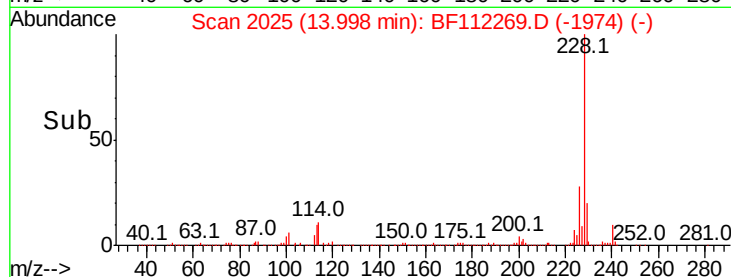
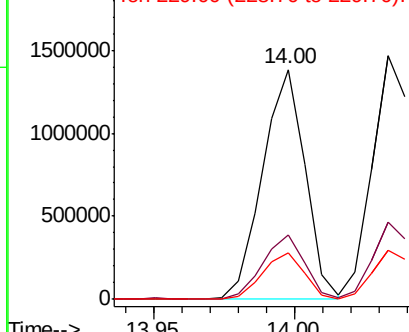


Abundance

Ion 228.00 (227.70 to 228.70): E

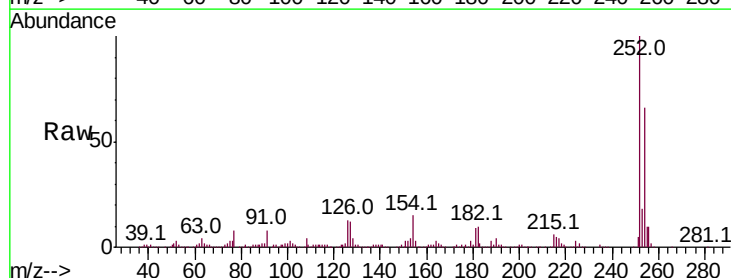
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 27.431 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.6	77.4
126	12.6	8.6	12.8

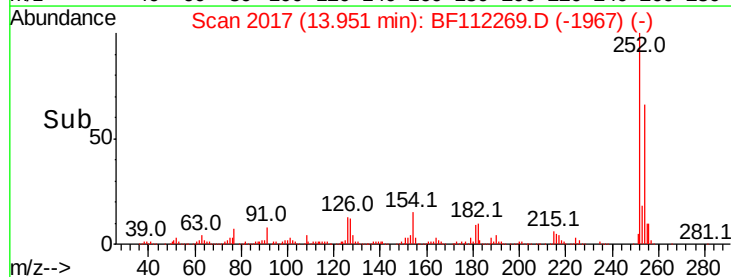
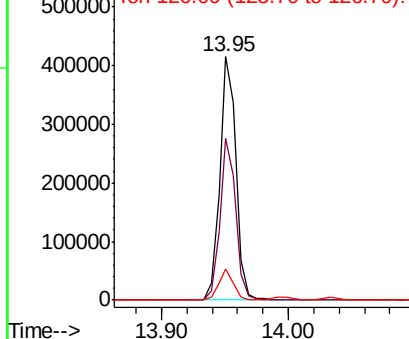


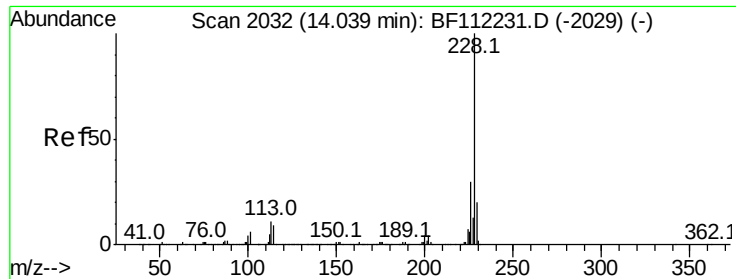
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





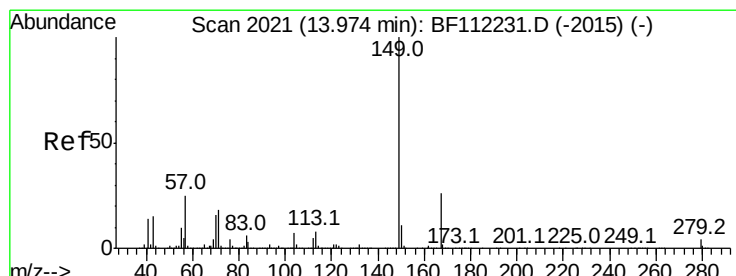
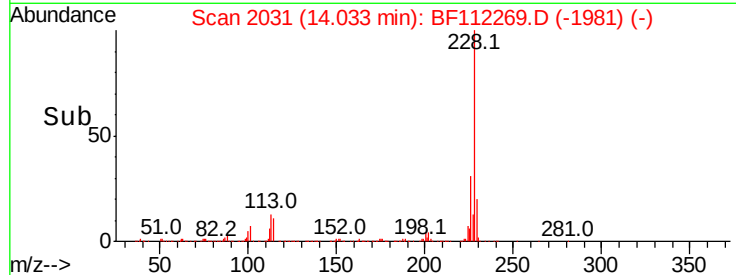
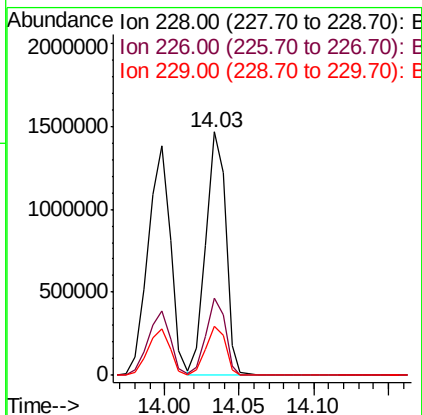
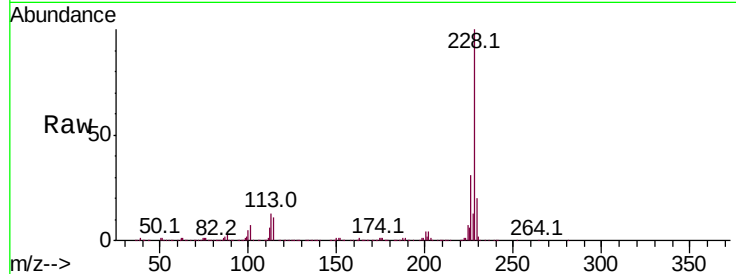
#83
 Chrysene
 Concen: 39.294 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.3	16.6	24.8

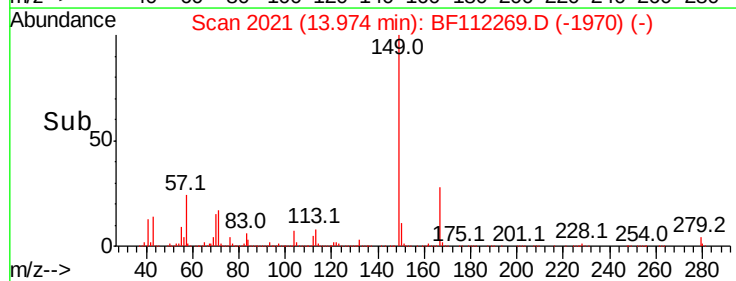
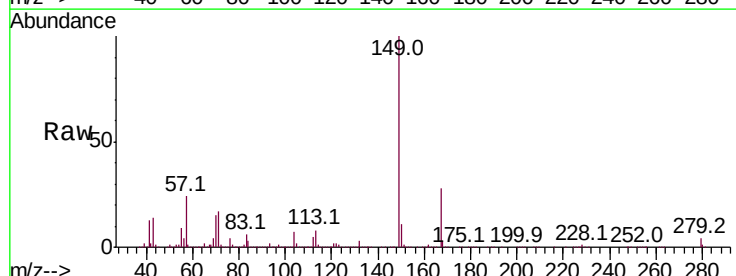
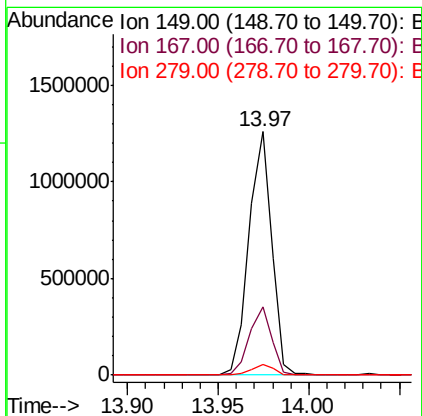
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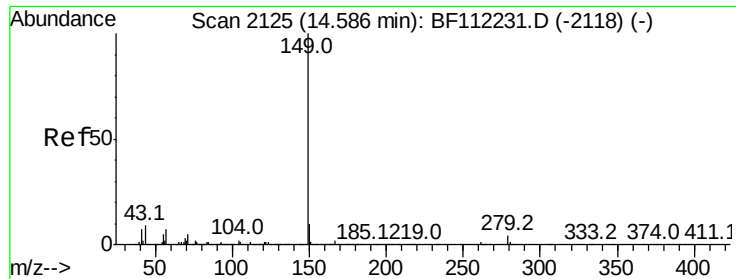
mohammad
 1/29/2019 9:34:52 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.574 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF112269.D
 Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	4.5	3.8	5.6





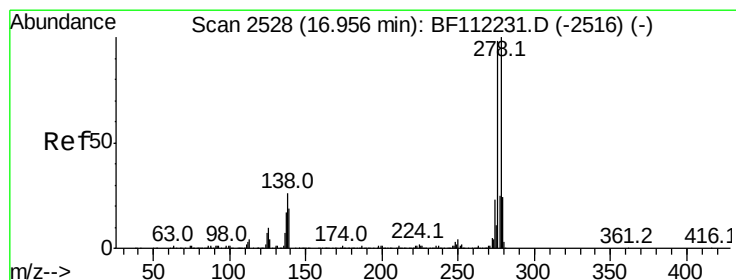
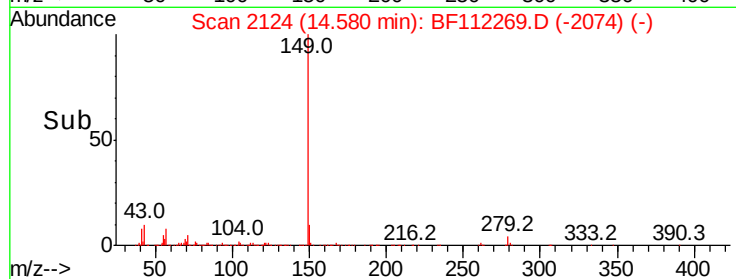
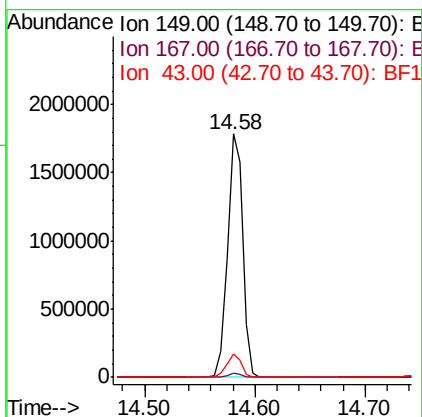
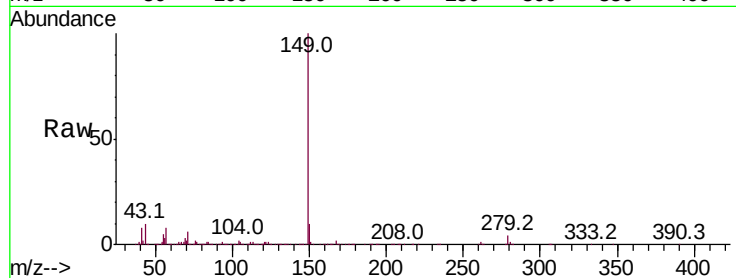
#85
Di-n-octyl phthalate
Concen: 37.985 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.8	11.6

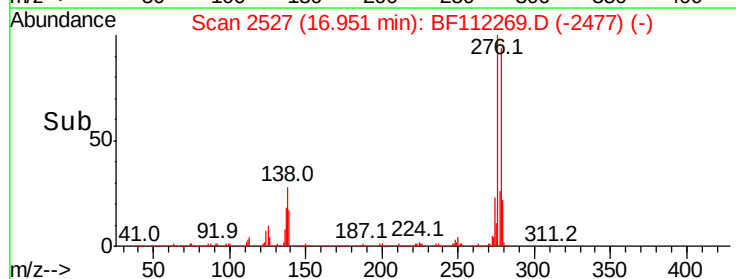
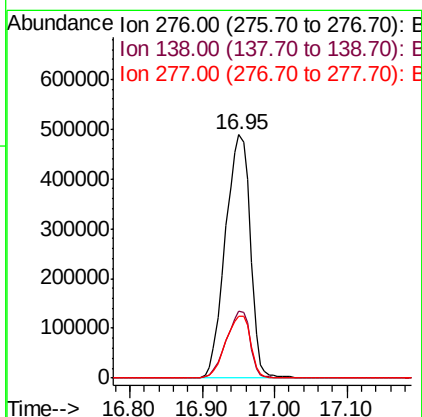
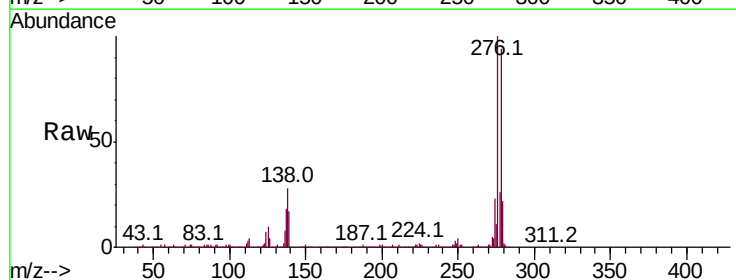
Manual Integrations
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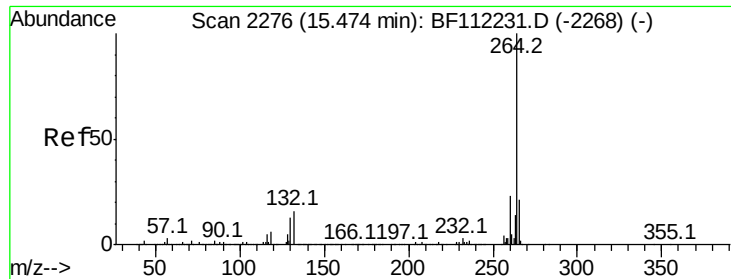
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.826 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	22.6	34.0
277	25.5	20.3	30.5





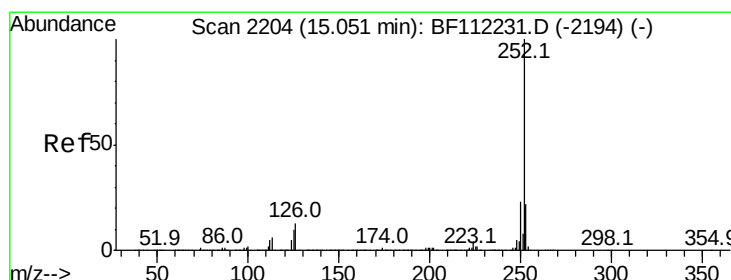
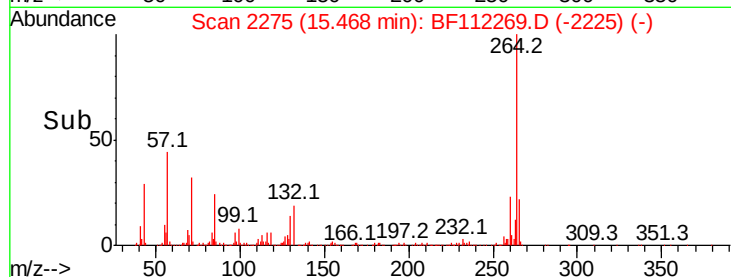
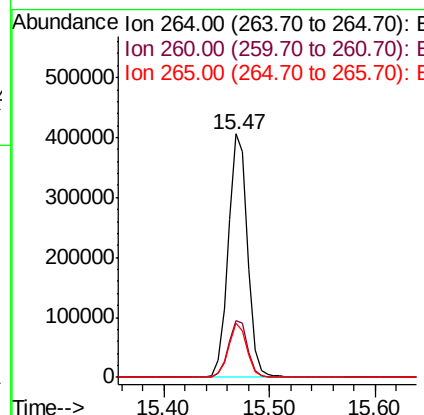
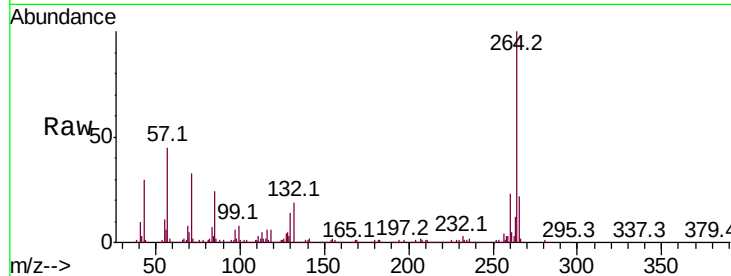
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampled :
PB116645BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.3	17.0	25.4

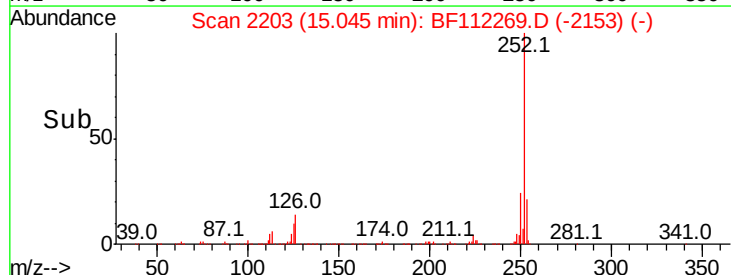
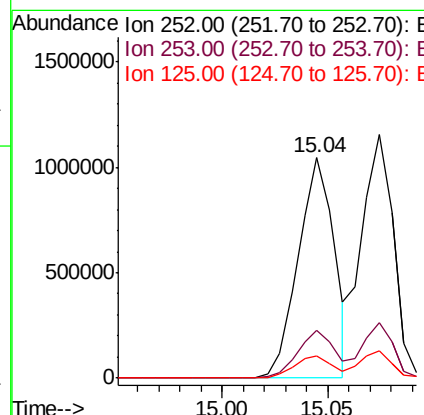
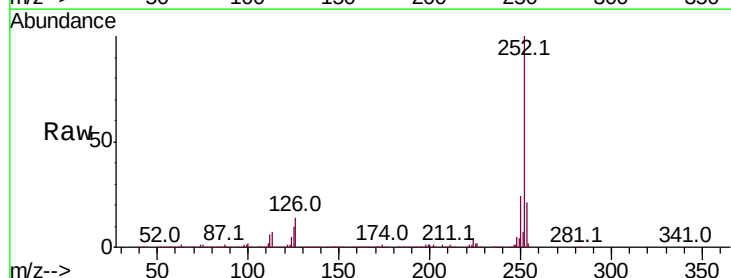
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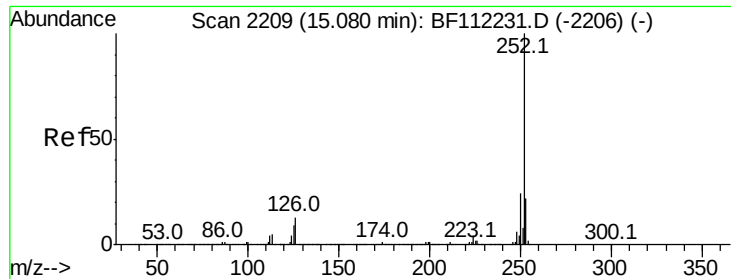
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.661 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	10.1	8.7	13.1





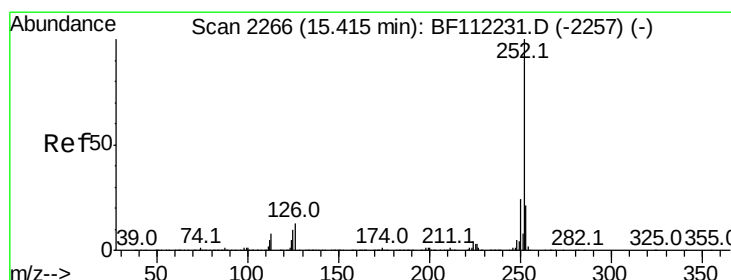
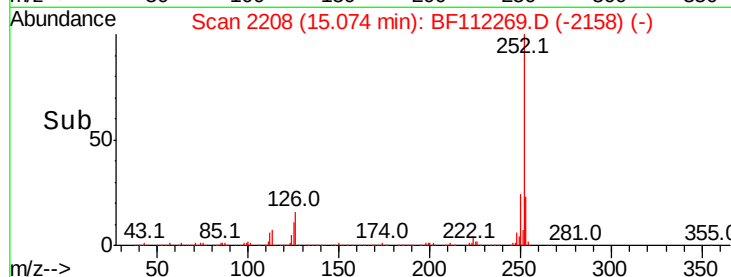
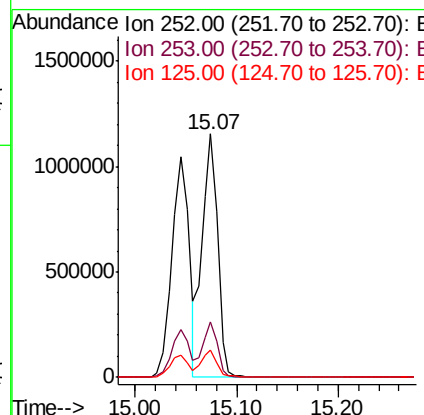
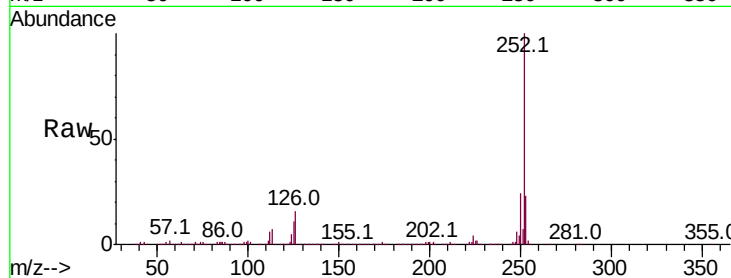
#89
Benzo(k)fluoranthene
Concen: 41.770 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.0	9.1	13.7

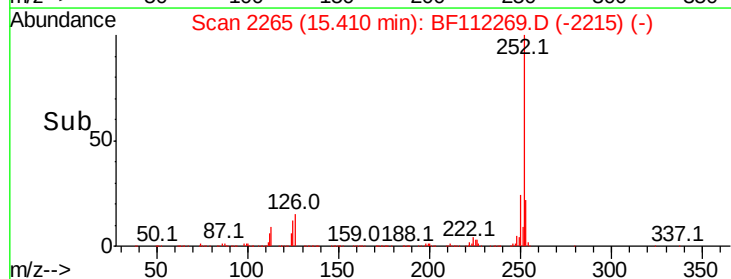
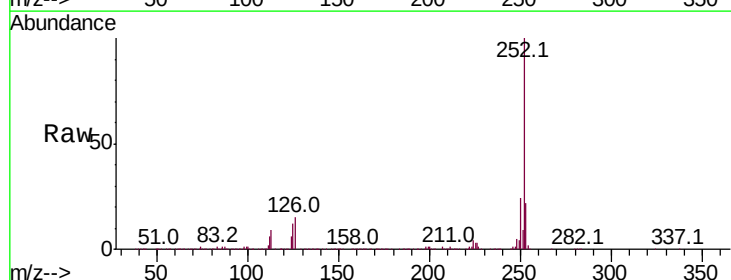
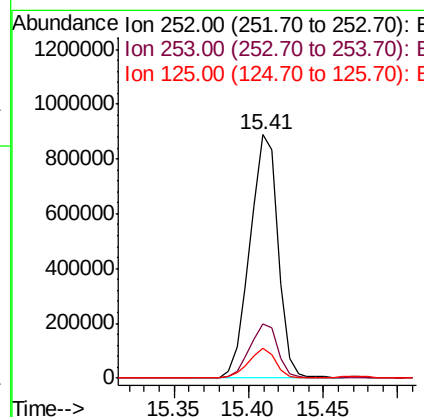
Manual Integrations
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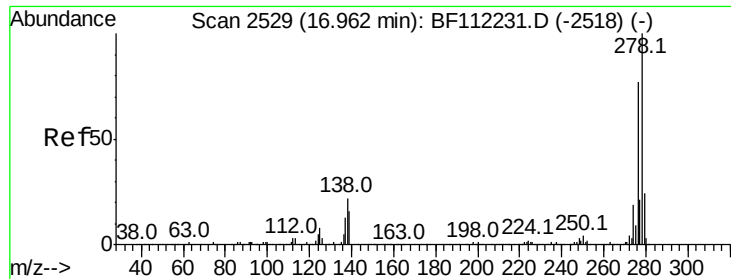
mohammad
1/29/2019 9:34:52 AM



#90
Benzo(a)pyrene
Concen: 41.998 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.2	9.0	13.4





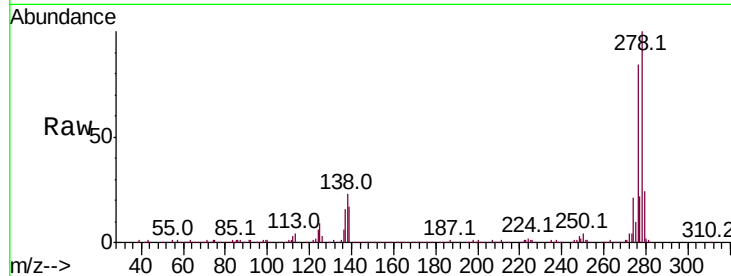
#91
Dibenzo(a,h)anthracene
Concen: 43.876 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Instrument :
BNA_F
ClientSampleId :
PB116645BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.7	20.5
279	24.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/29/2019 9:34:52 AM

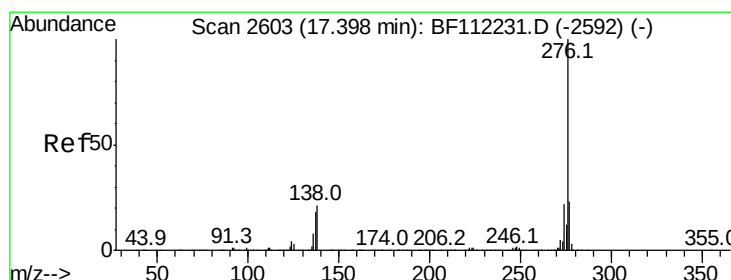
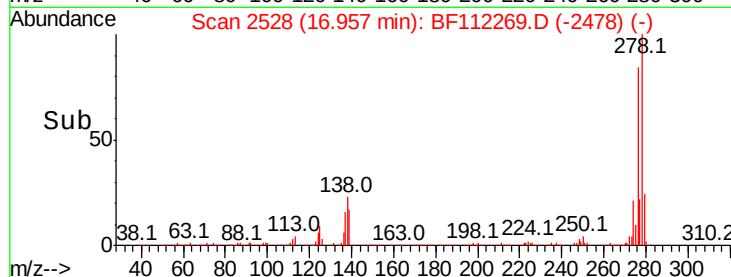
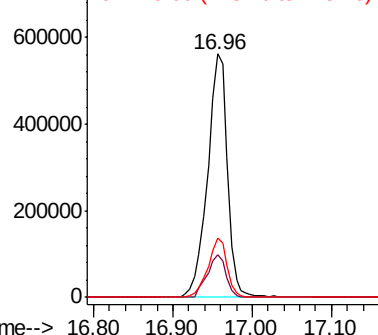


Abundance

Ion 278.00 (277.70 to 278.70): E

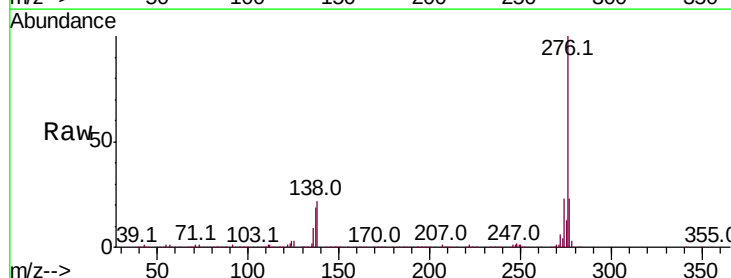
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.361 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BF112269.D
Acq: 28 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	22.1	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

