

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112374.D
 Acq On : 4 Feb 2019 10:33
 Operator : JU/SJ
 Sample : PB116745BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Quant Time: Feb 04 11:18:28 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	182546	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	682342	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	326429	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	567060	20.00	ng	0.00
76) Chrysene-d12	14.00	240	373521	20.00	ng	0.00
87) Perylene-d12	15.47	264	376743	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	856644	99.68	ng	0.00
7) Phenol-d6	6.49	99	1072420	89.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	1002878	84.69	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	317517	83.57	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2001652	86.73	ng	0.00
79) Terphenyl-d14	12.94	244	1532061	77.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	152421	44.521	ng	96
3) Pyridine	3.43	79	420370	48.270	ng	98
4) n-Nitrosodimethylamine	3.39	42	205401	56.138	ng	# 95
6) Aniline	6.50	93	250904	17.662	ng	# 1
8) 2-Chlorophenol	6.63	128	508765	44.005	ng	97
9) Benzaldehyde	6.39	77	290281	46.506	ng	100
10) Phenol	6.50	94	559241	42.684	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	432664	41.946	ng	97
12) 1,3-Dichlorobenzene	6.78	146	545907	40.544	ng	99
13) 1,4-Dichlorobenzene	6.86	146	554074	39.985	ng	99
14) 1,2-Dichlorobenzene	7.01	146	524835	40.453	ng	96
15) Benzyl Alcohol	6.99	79	412575	40.983	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	551891	41.671	ng	# 24
17) 2-Methylphenol	7.11	107	388636	42.404	ng	# 88
18) Hexachloroethane	7.35	117	192486	39.557	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	336304	40.841	ng	99
20) 3+4-Methylphenols	7.26	107	518696	44.258	ng	# 63
22) Acetophenone	7.25	105	676962	40.744	ng	94
24) Nitrobenzene	7.42	77	503838	42.601	ng	100
25) Isophorone	7.66	82	893107	48.074	ng	99
26) 2-Nitrophenol	7.74	139	271347	42.932	ng	95
27) 2,4-Dimethylphenol	7.79	122	433320	49.761	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	572585	45.264	ng	99
29) 2,4-Dichlorophenol	7.99	162	435441	44.684	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	472657	42.196	ng	99
31) Naphthalene	8.15	128	1429331	44.794	ng	99
32) Benzoic acid	7.93	122	198763	40.015	ng	98
33) 4-Chloroaniline	8.19	127	102032	7.344	ng	96
34) Hexachlorobutadiene	8.26	225	266864	40.599	ng	98
35) Caprolactam	8.57	113	92406	26.880	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	433935	42.063	ng	96
37) 2-Methylnaphthalene	8.83	142	1011082	46.286	ng	98
38) 1-Methylnaphthalene	8.93	142	948555	45.304	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	468995	43.758	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	165947	45.505	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	296008	44.805	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	305603	44.260	nq	97
46) 1,1'-Biphenyl	9.30	154	1226702	42.985	nq	98
47) 2-Chloronaphthalene	9.33	162	937847	42.379	nq	98
48) 2-Nitroaniline	9.42	65	256357	42.501	nq	90
49) Acenaphthylene	9.74	152	1463310	45.114	nq	99
50) Dimethylphthalate	9.60	163	1143066	45.070	nq	99
51) 2,6-Dinitrotoluene	9.66	165	248908	43.821	nq #	82
52) Acenaphthene	9.91	154	838396	43.269	nq	98
53) 3-Nitroaniline	9.83	138	95539	15.526	nq #	96
54) 2,4-Dinitrophenol	9.96	184	101291	55.566	nq	95
55) Dibenzofuran	10.09	168	1254899	42.381	nq	96
56) 4-Nitrophenol	10.02	139	237341	72.952	nq	92
57) 2,4-Dinitrotoluene	10.07	165	312256	43.182	nq #	84
58) Fluorene	10.43	166	1006687	45.432	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	244177	46.796	nq	98
60) Diethylphthalate	10.30	149	1137332	45.188	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	498429	41.352	nq	96
62) 4-Nitroaniline	10.45	138	222234	36.819	nq	95
63) Azobenzene	10.57	77	947366	42.799	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92293	29.029	nq	95
66) n-Nitrosodiphenylamine	10.53	169	901626	47.177	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	304629	45.675	nq	99
68) Hexachlorobenzene	10.98	284	313671	43.836	nq	97
69) Atrazine	11.06	200	297916	48.310	nq	96
70) Pentachlorophenol	11.18	266	206172	74.049	nq	99
71) Phenanthrene	11.39	178	1328953	45.079	nq	98
72) Anthracene	11.44	178	1364716	46.472	nq	99
73) Carbazole	11.60	167	1156829	39.935	nq	99
74) Di-n-butylphthalate	11.92	149	1652392	45.956	nq	99
75) Fluoranthene	12.58	202	1229708	38.891	nq	97
77) Benzidine	12.69	184	388520	37.792	nq	96
78) Pyrene	12.81	202	1206843	46.667	nq	98
80) Butylbenzylphthalate	13.41	149	581730	46.495	nq	92
81) Benzo(a)anthracene	14.00	228	1029138	46.870	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	234972	28.594	nq	99
83) Chrysene	14.03	228	978596	46.690	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	818633	46.094	nq	98
85) Di-n-octyl phthalate	14.58	149	1245886	45.595	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	940580	56.634	nq	98
88) Benzo(b)fluoranthene	15.05	252	1068140	47.408	nq	98
89) Benzo(k)fluoranthene	15.08	252	971754	45.027	nq	97
90) Benzo(a)pyrene	15.42	252	976733	48.179	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	809788	49.561	nq	99
92) Benzo(g,h,i)perylene	17.40	276	746507	48.427	nq	97

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

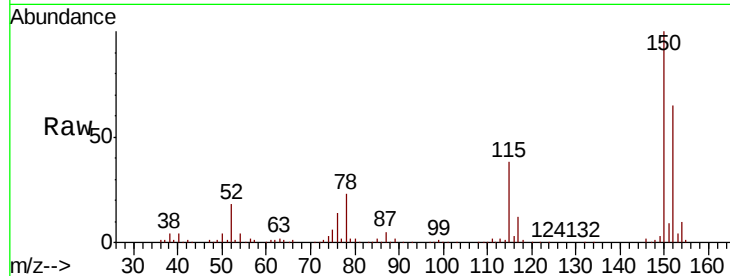


#1

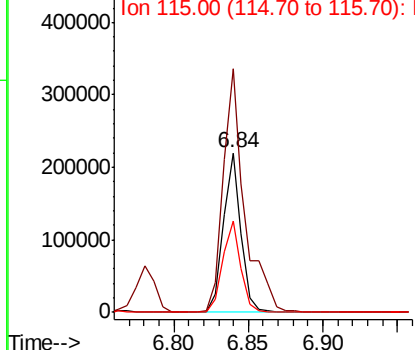
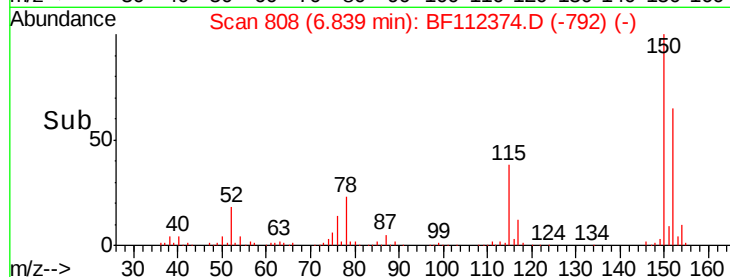
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:152 Resp: 182546
Ion Ratio Lower Upper
152 100
150 152.8 127.4 191.0
115 57.3 45.5 68.3



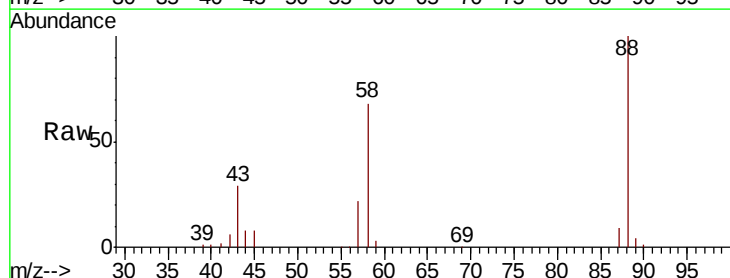
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



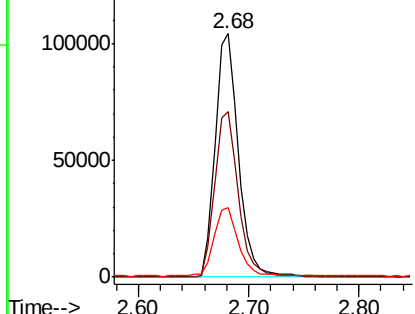
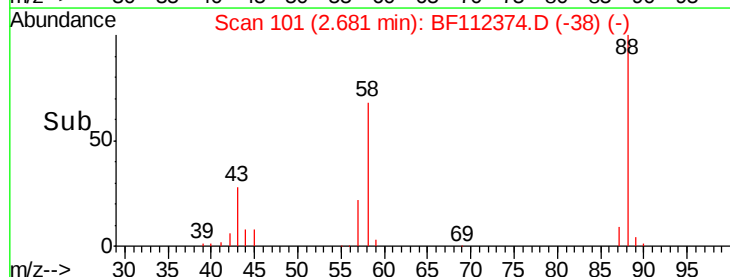
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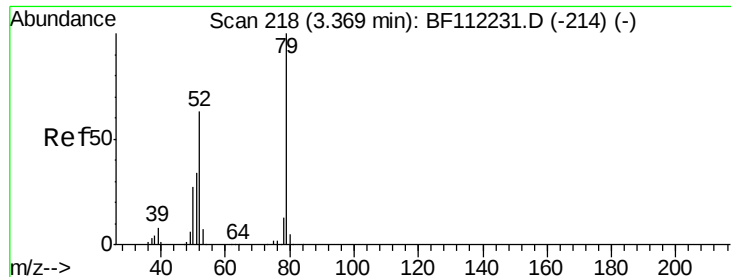
1,4-Dioxane
Concen: 44.521 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.07 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion: 88 Resp: 152421
Ion Ratio Lower Upper
88 100
58 68.7 57.4 86.2
43 29.5 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: 48.270 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.06 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

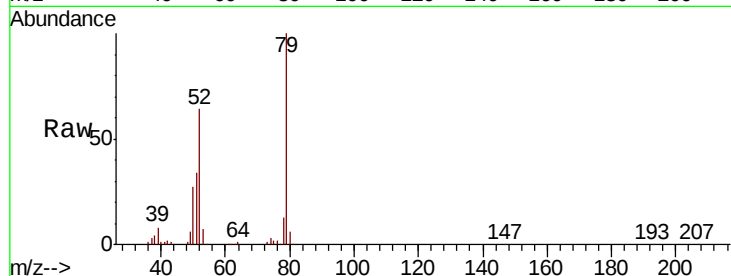
Tot Ion: 79 Resp: 420370

Ion Ratio Lower Upper

79 100

52 64.0 52.4 78.6

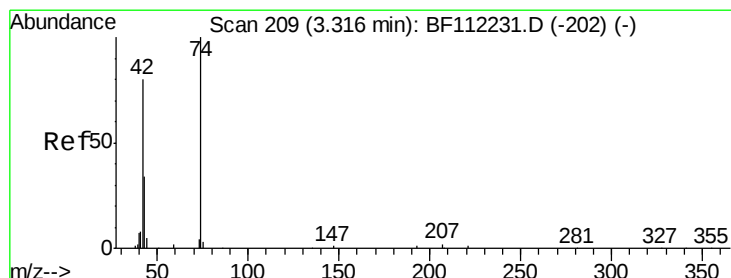
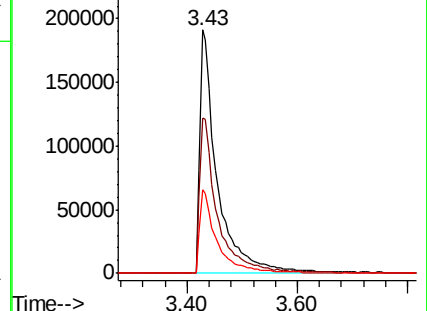
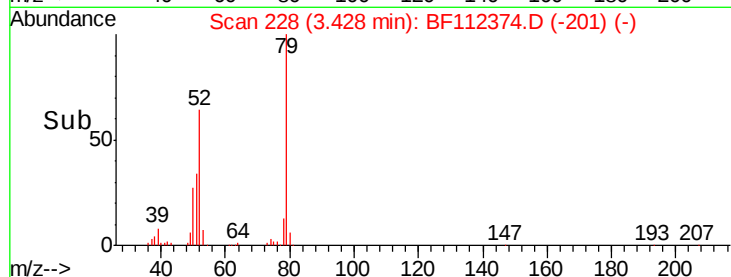
51 34.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 56.138 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.07 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

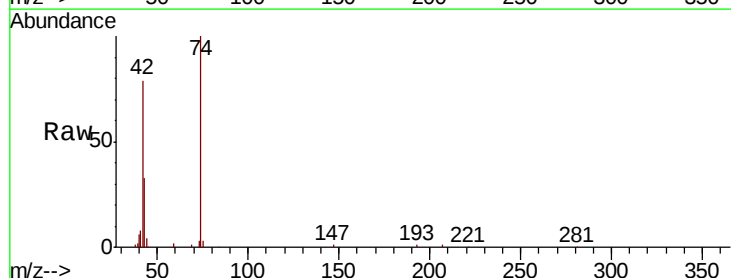
Tgt Ion: 42 Resp: 205401

Ion Ratio Lower Upper

42 100

74 126.3 105.6 158.4

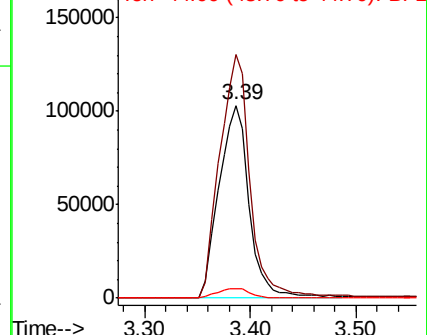
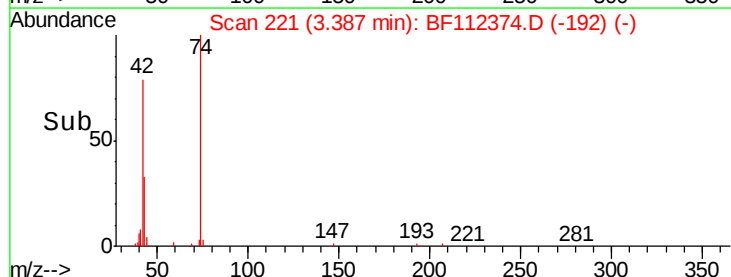
44 5.2 5.4 8.2#

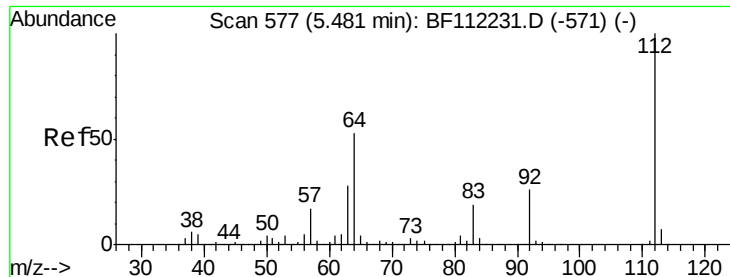


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 99.677 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

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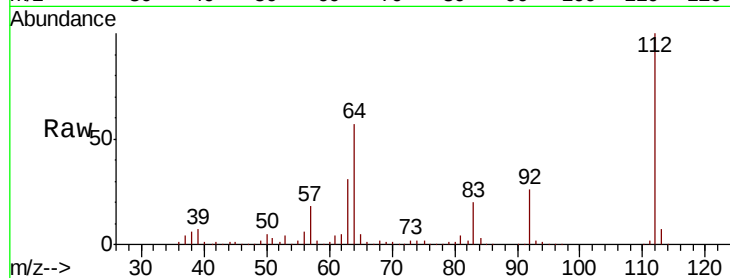
Tot Ion:112 Resp: 856644

Ion Ratio Lower Upper

112 100

64 56.8 45.7 68.5

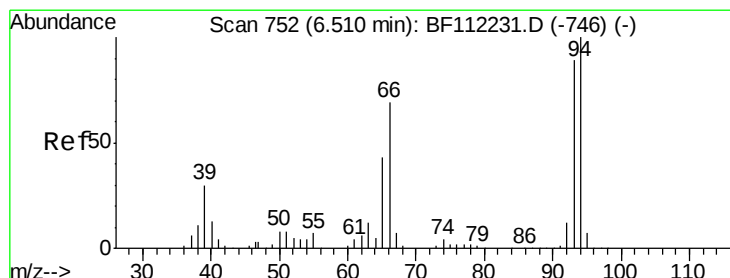
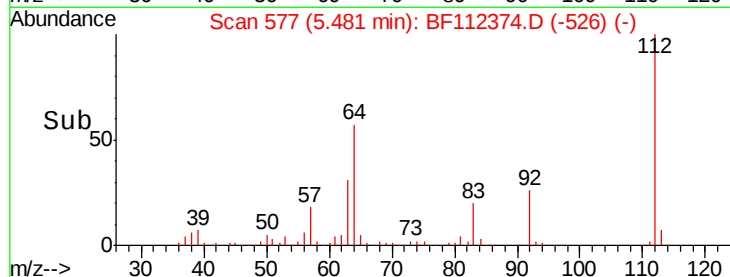
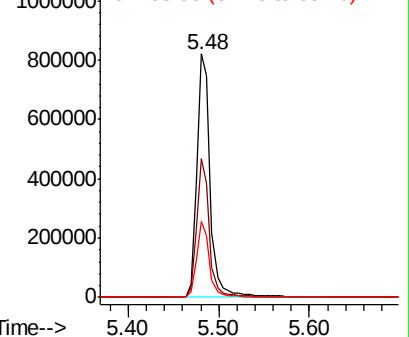
63 31.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.662 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

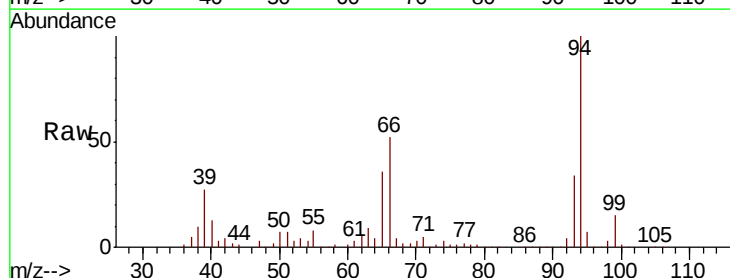
Tgt Ion: 93 Resp: 250904

Ion Ratio Lower Upper

93 100

66 152.6 43.4 65.2#

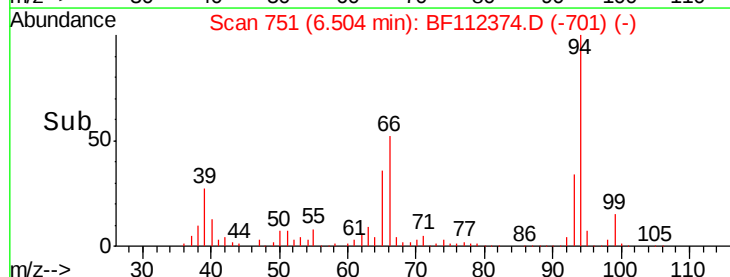
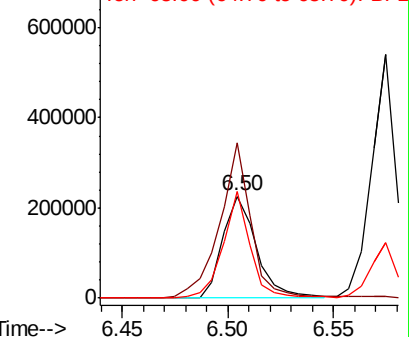
65 104.6 25.3 37.9#

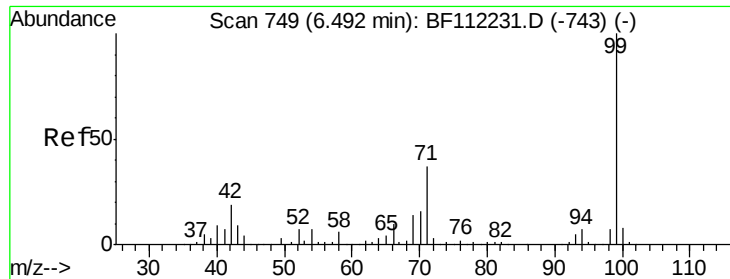


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.802 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

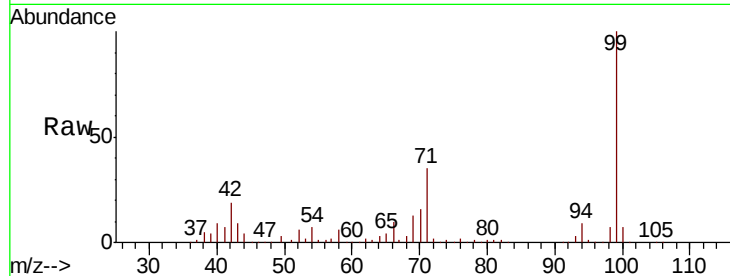
BNA_F

ClientSampleId :

PB116745BSD

Tot Ion: 99 Resp: 1072420

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.1	22.7
71	35.3	26.9	40.3

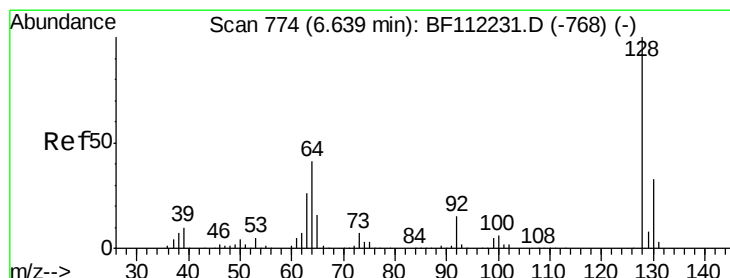
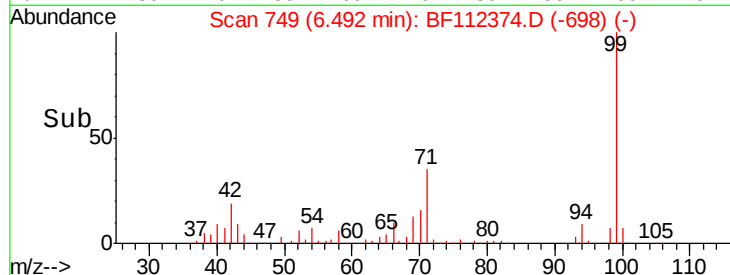
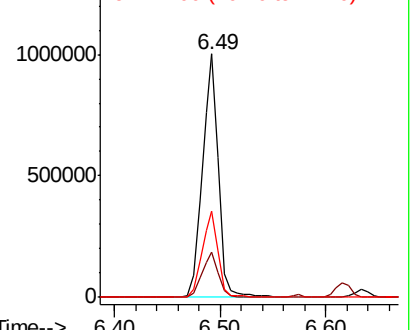


Abundance

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: 44.005 ng

RT: 6.63 min Scan# 773

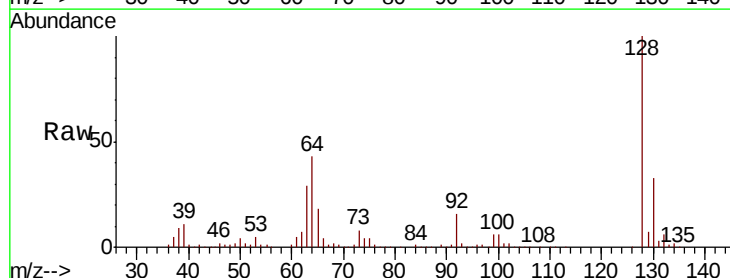
Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion: 128 Resp: 508765

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.4	53.4
64	43.0	20.5	60.5

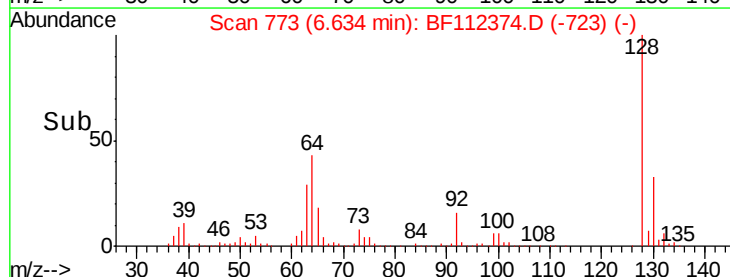
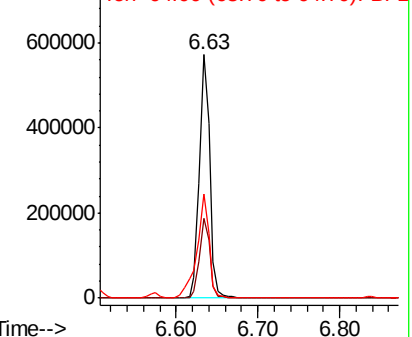


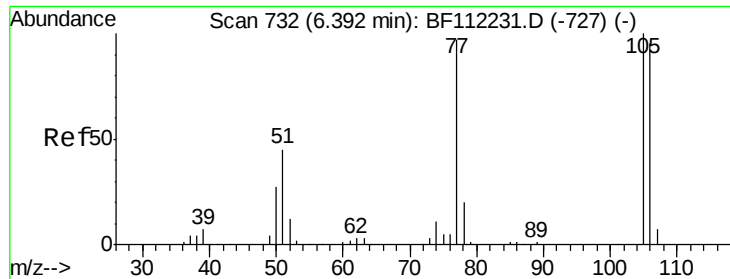
Abundance

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: 46.506 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

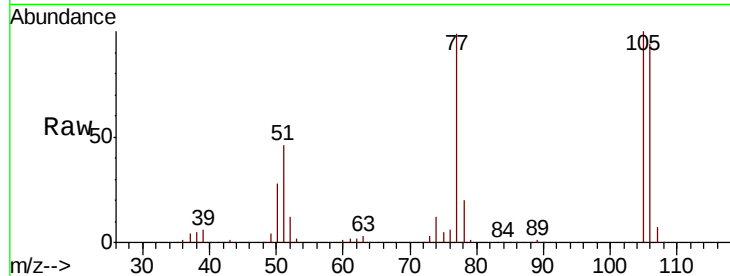
Tot Ion: 77 Resp: 290281

Ion Ratio Lower Upper

77 100

105 101.1 80.8 120.8

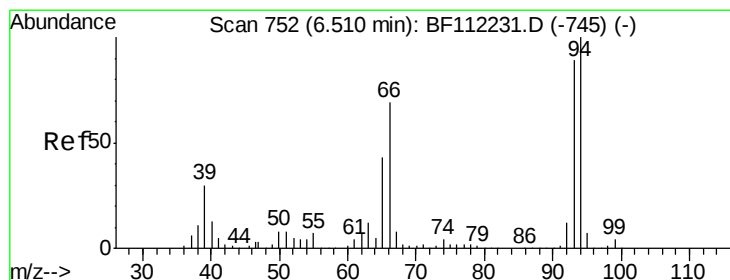
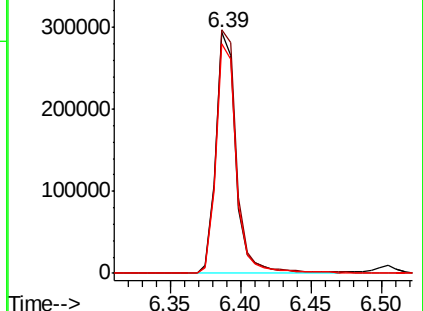
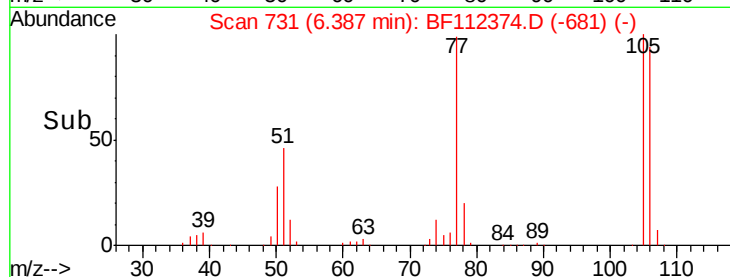
106 95.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.684 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

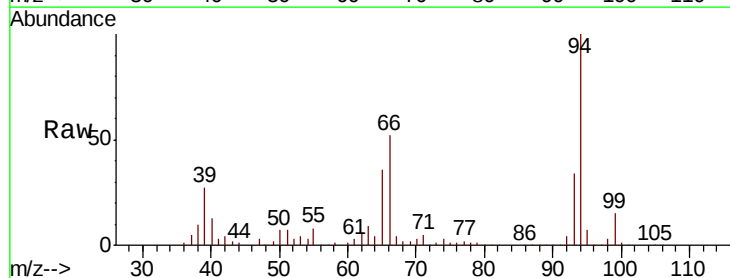
Tgt Ion: 94 Resp: 559241

Ion Ratio Lower Upper

94 100

65 35.8 20.3 60.3

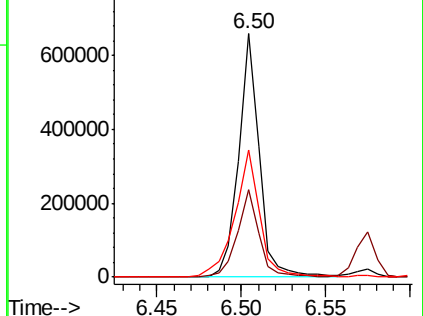
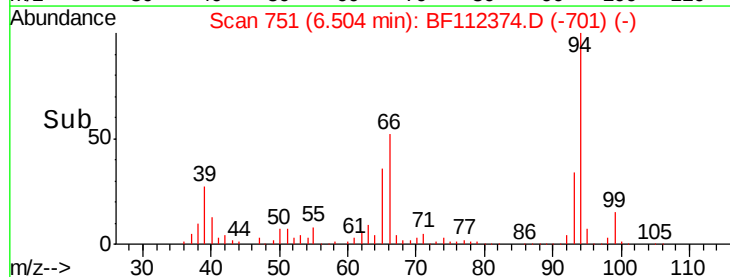
66 52.3 42.4 82.4

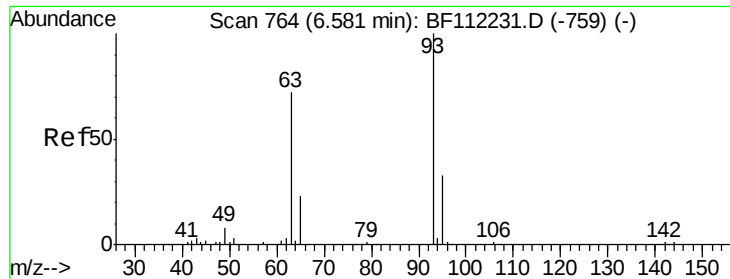


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

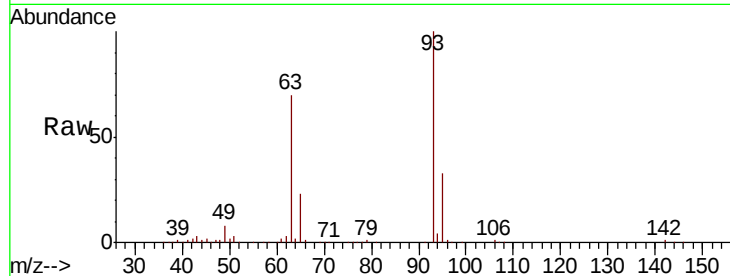




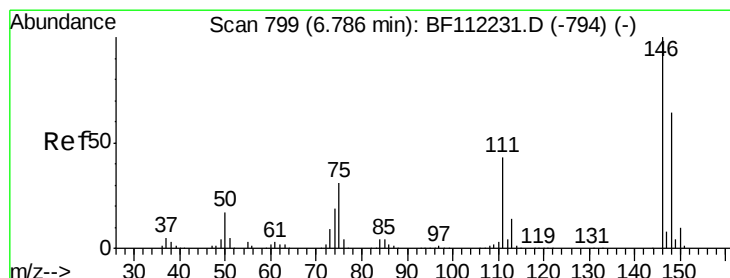
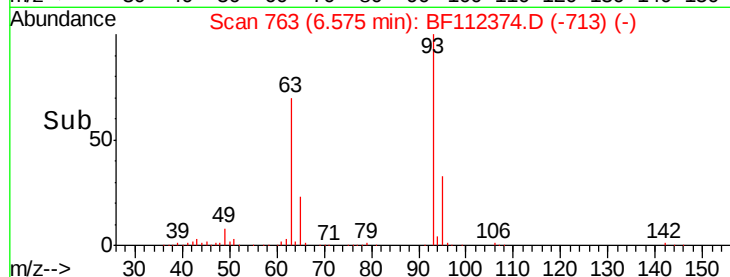
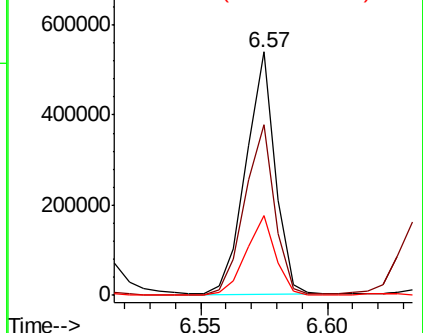
#11
bis(2-Chloroethyl)ether
Concen: 41.946 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion: 93 Resp: 432664
Ion Ratio Lower Upper
93 100
63 70.0 53.3 93.3
95 32.8 13.4 53.4

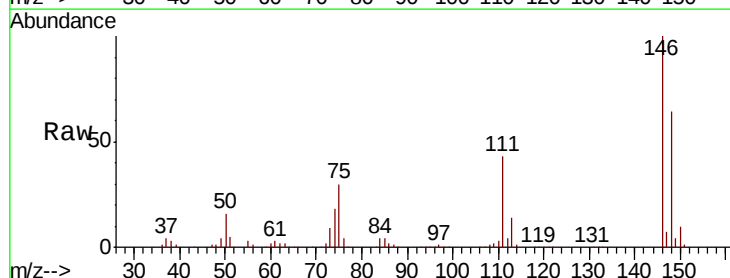


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

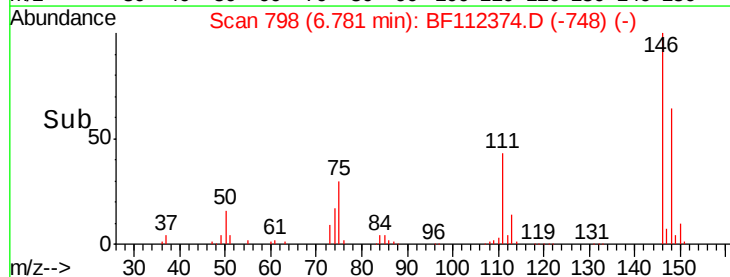
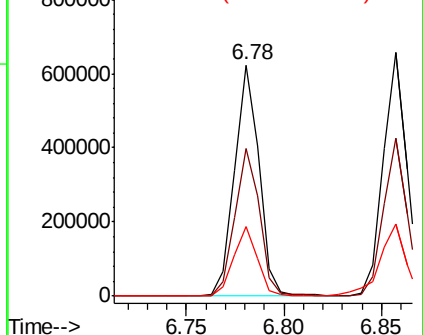


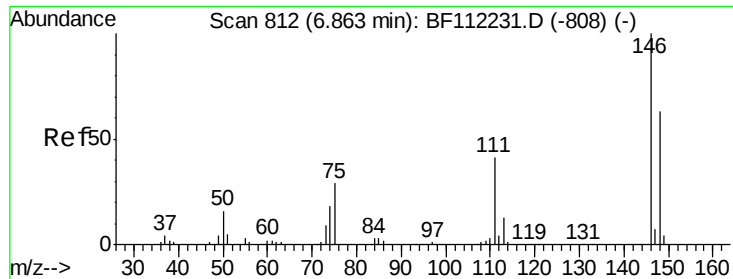
#12
1,3-Dichlorobenzene
Concen: 40.544 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion: 146 Resp: 545907
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 29.9 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

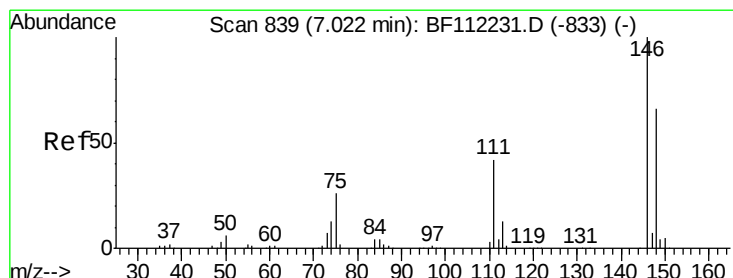
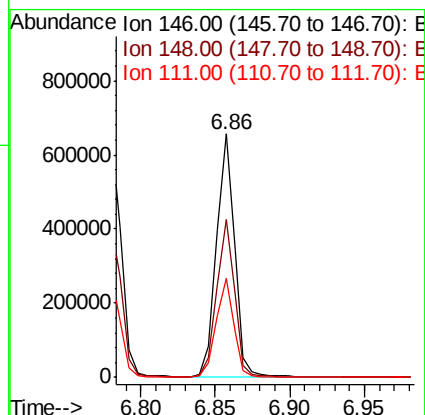
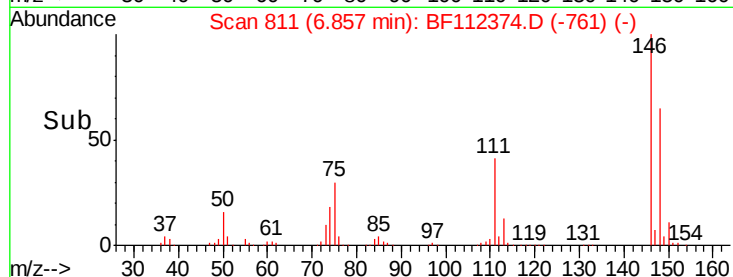
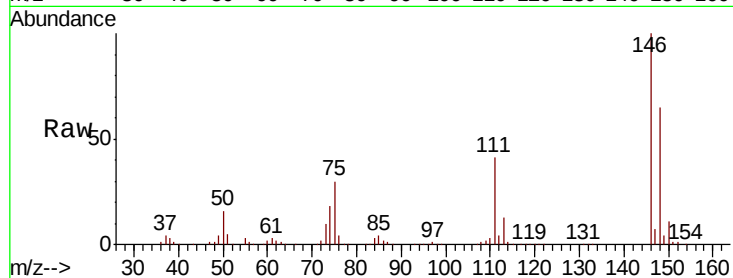




#13
 1,4-Dichlorobenzene
 Concen: 39.985 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

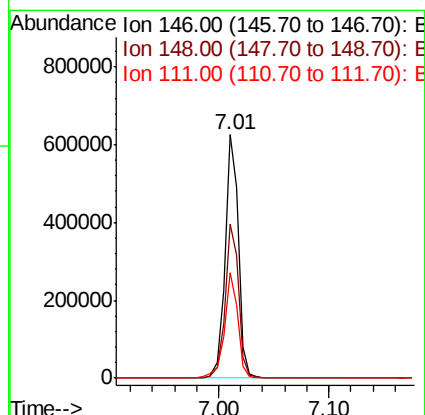
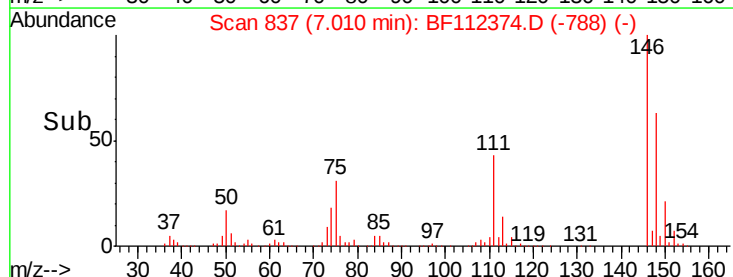
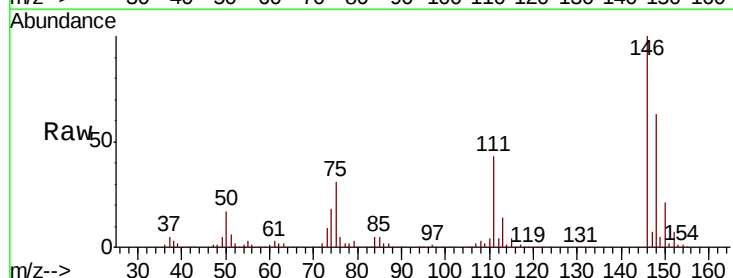
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

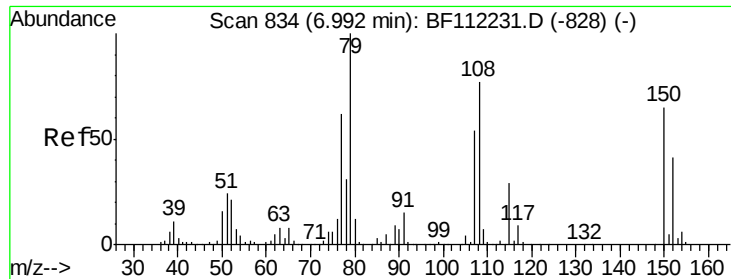
Tot Ion:146 Resp: 554074
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 40.7 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.453 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion:146 Resp: 524835
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.4
 111 43.3 31.2 46.8





#15

Benzyl Alcohol

Concen: 40.983 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

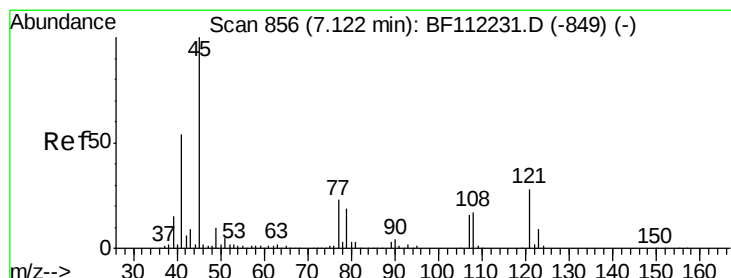
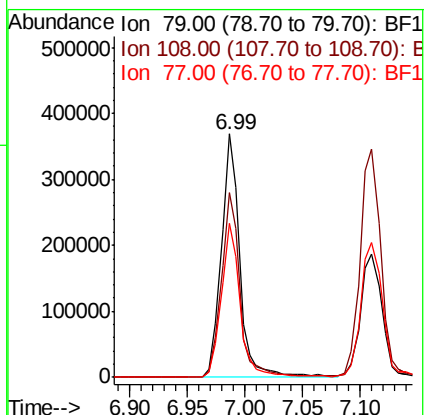
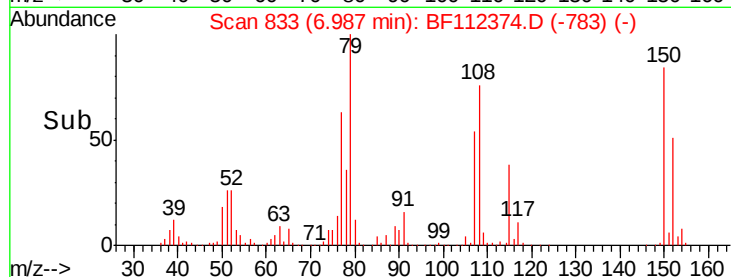
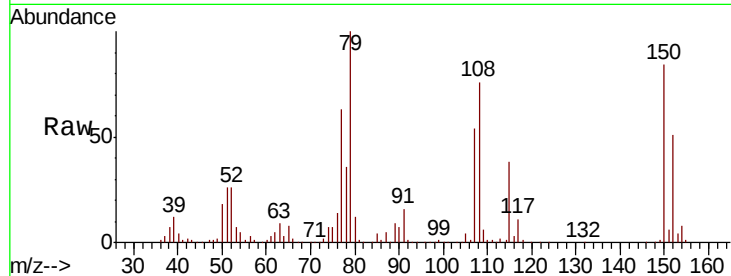
Tot Ion: 79 Resp: 412575

Ion Ratio Lower Upper

79 100

108 76.0 64.2 96.2

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.671 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

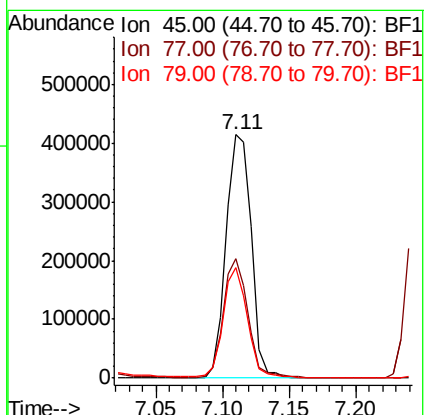
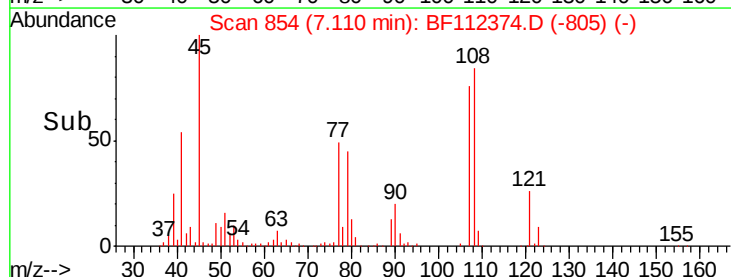
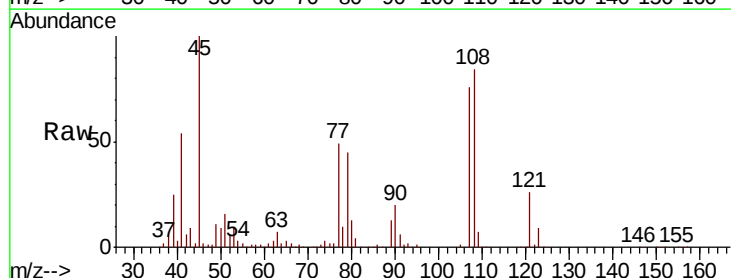
Tgt Ion: 45 Resp: 551891

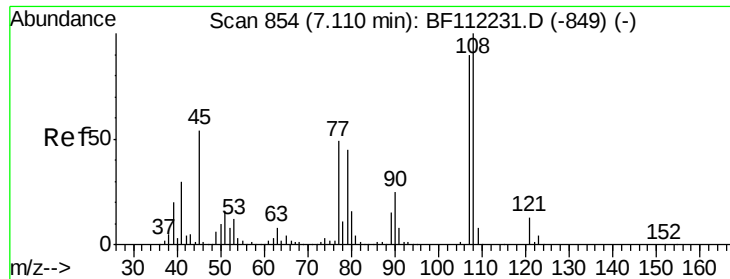
Ion Ratio Lower Upper

45 100

77 49.3 0.0 36.9#

79 45.3 0.0 34.0#

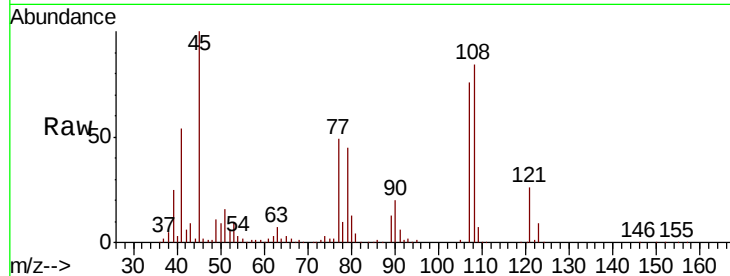




#17
2-Methylphenol
Concen: 42.404 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	91.3	136.9
77	64.5	39.0	58.6
79	59.3	37.0	55.4



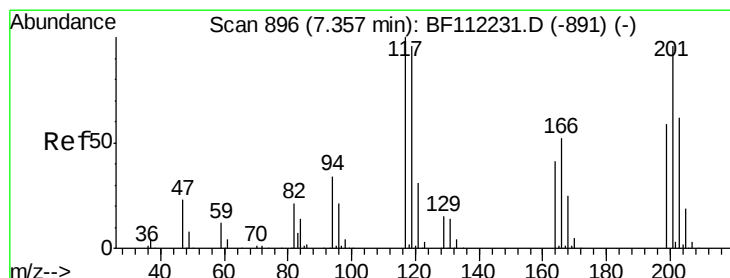
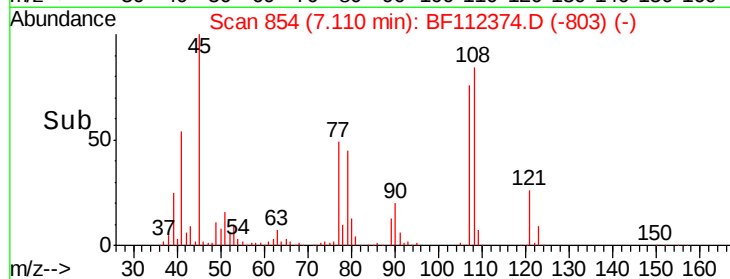
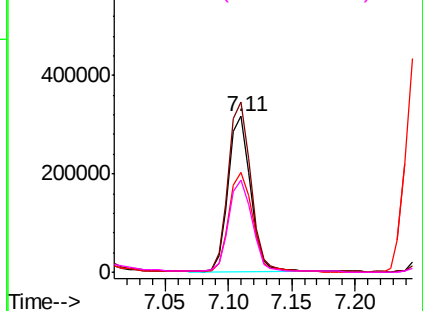
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

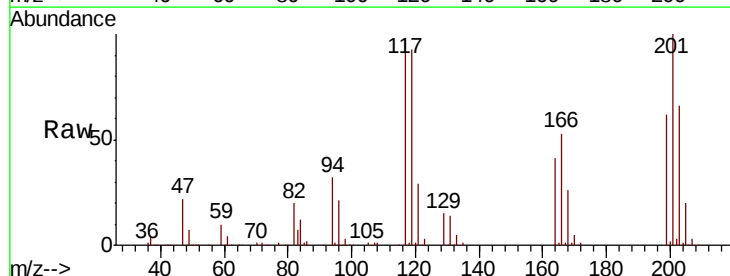
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.557 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.4
201	102.3	74.1	111.1

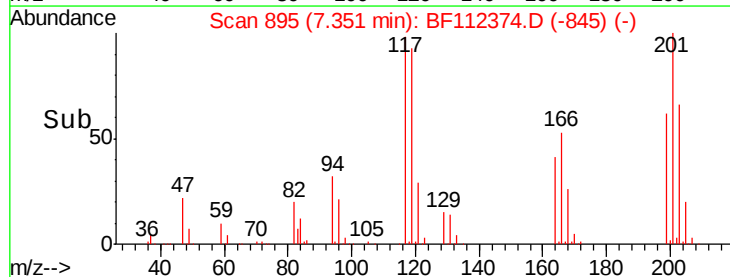
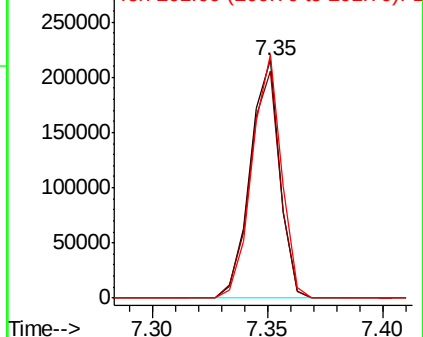


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

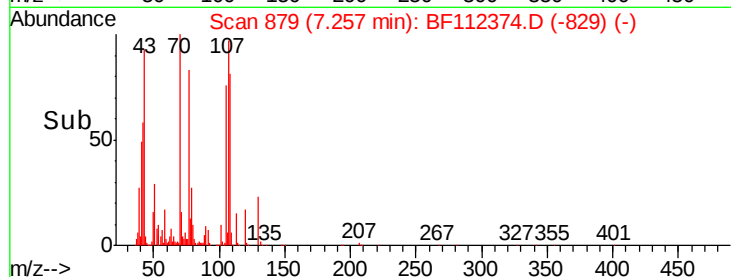
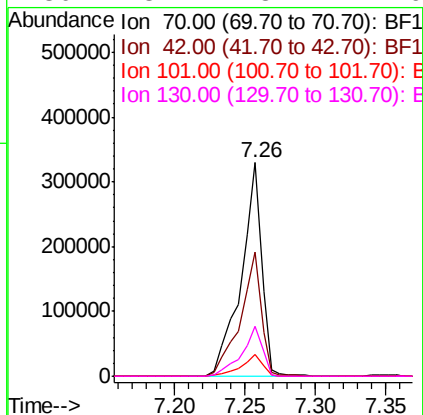
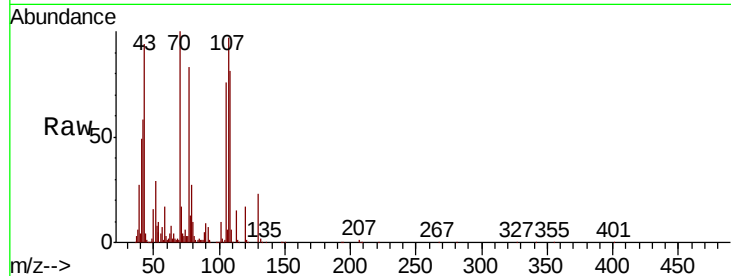




#19
n-Nitroso-di-n-propylamine
Concen: 40.841 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

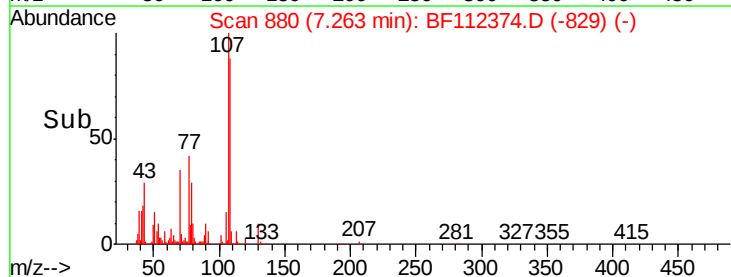
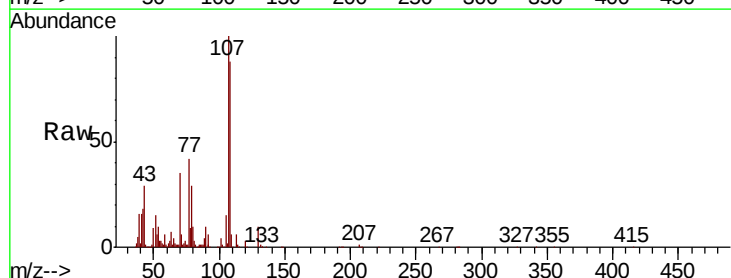
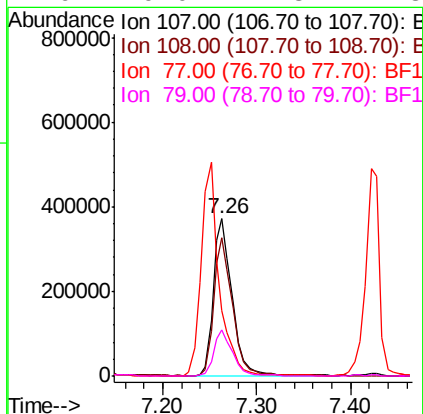
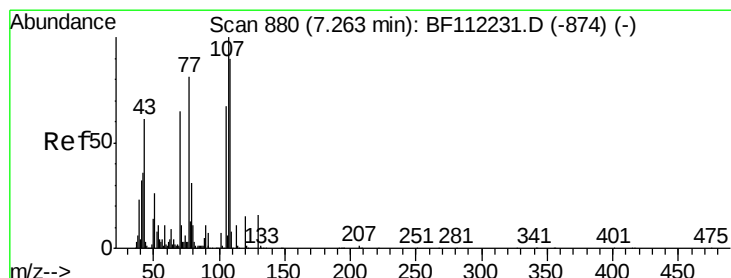
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

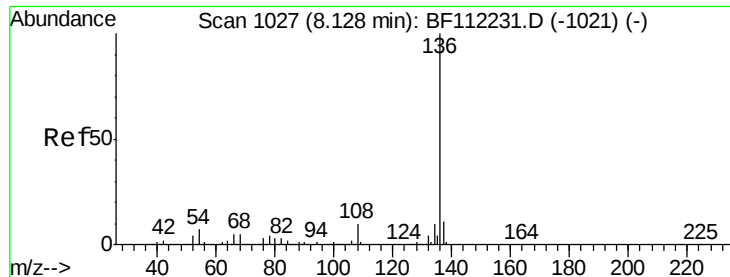
Tot Ion:	70	Resp:	336304
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.6	71.4
101	10.1	7.9	11.9
130	23.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 44.258 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:	107	Resp:	518696
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	41.8	100.7	140.7#
79	29.0	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: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

Tot Ion:136 Resp: 682342

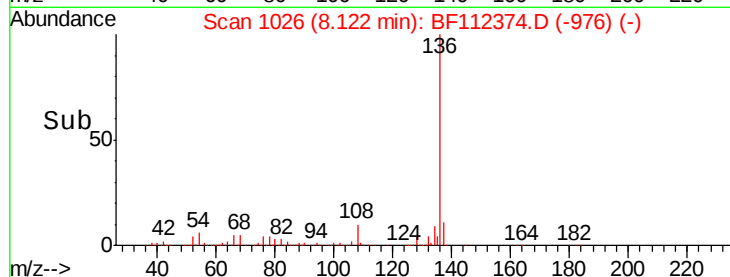
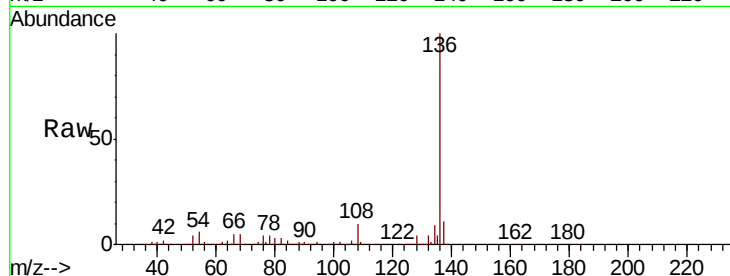
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.1 5.9 8.9

68 5.1 5.1 7.7#



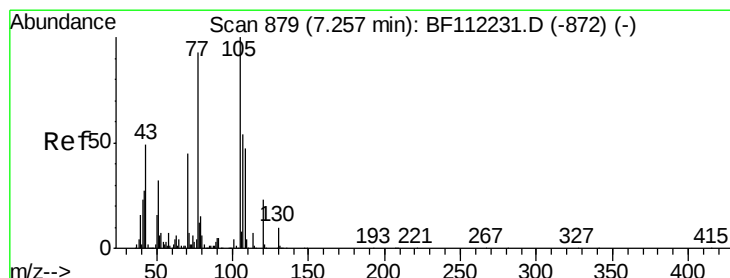
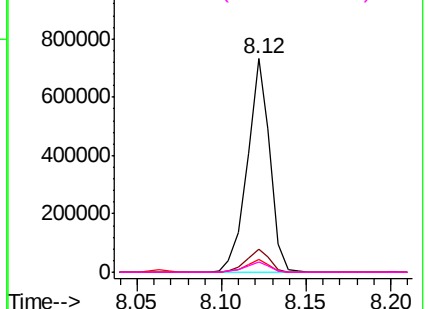
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.744 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Tgt Ion:105 Resp: 676962

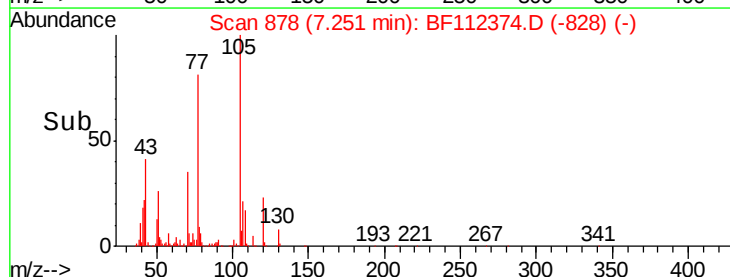
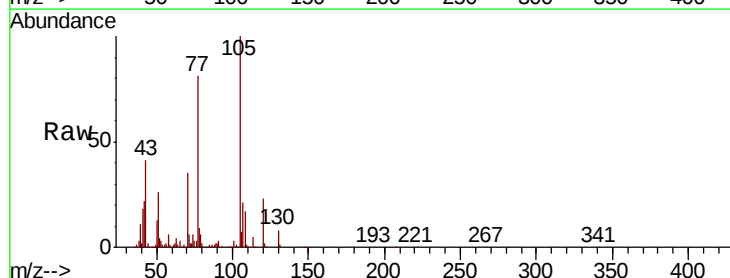
Ion Ratio Lower Upper

105 100

71 6.2 4.6 6.8

51 26.5 25.0 37.6

120 22.5 19.0 28.4



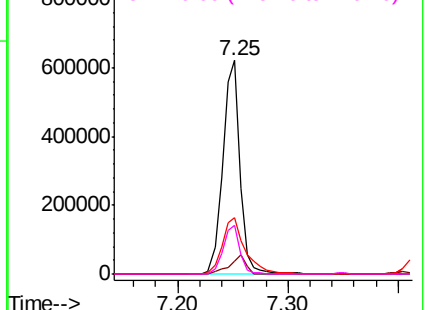
Abundance

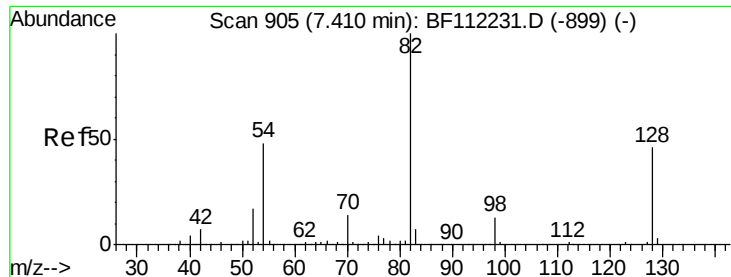
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

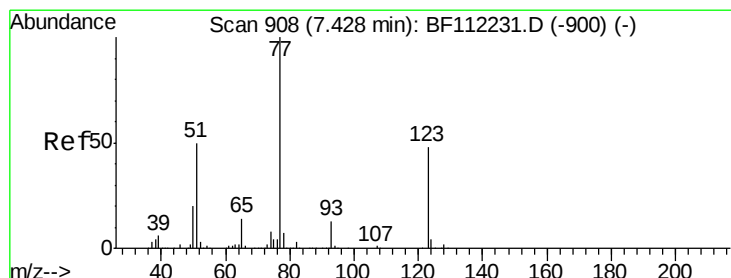
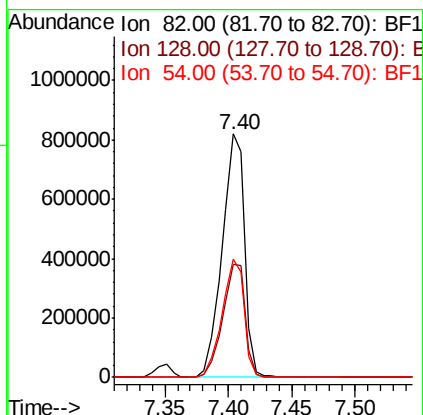
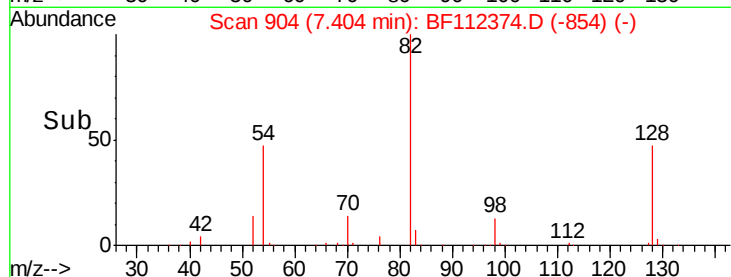
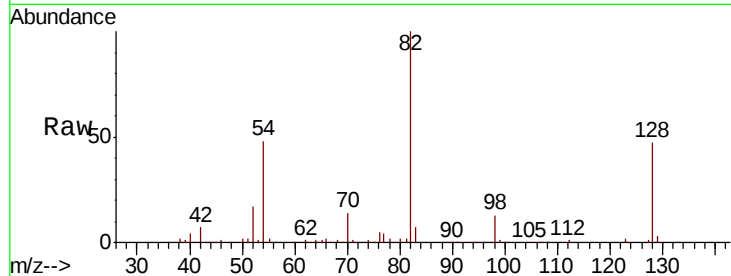




#23
Nitrobenzene-d5
Concen: 84.687 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

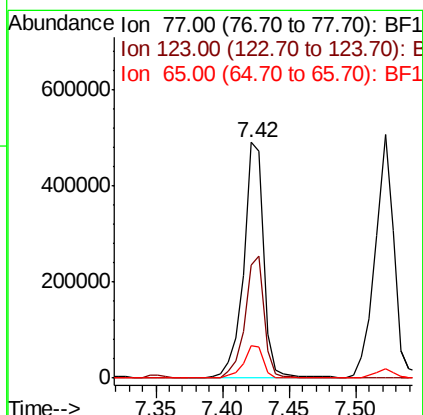
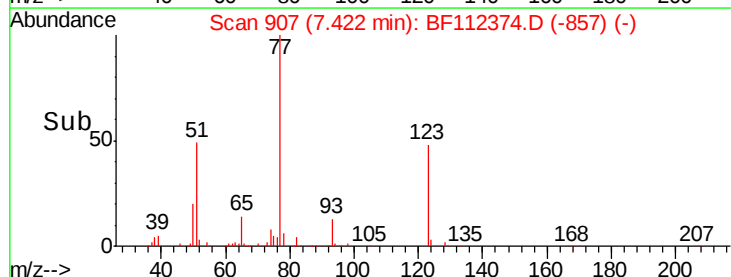
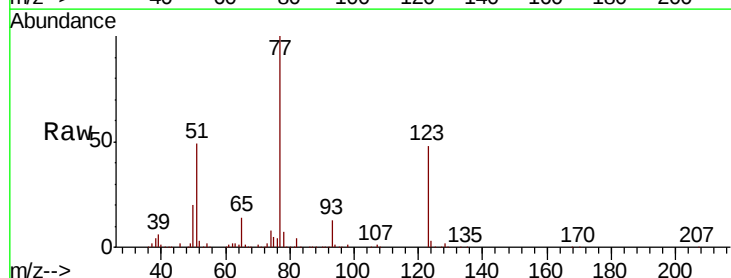
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

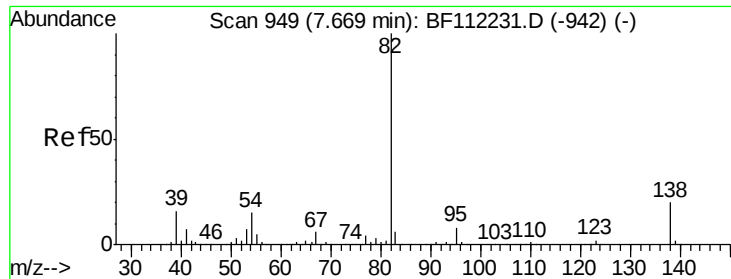
Tot Ion: 82 Resp: 1002878
Ion Ratio Lower Upper
82 100
128 46.6 37.8 56.8
54 48.4 39.7 59.5



#24
Nitrobenzene
Concen: 42.601 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion: 77 Resp: 503838
Ion Ratio Lower Upper
77 100
123 47.8 38.4 57.6
65 13.6 10.6 15.8





#25

Isophorone

Concen: 48.074 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

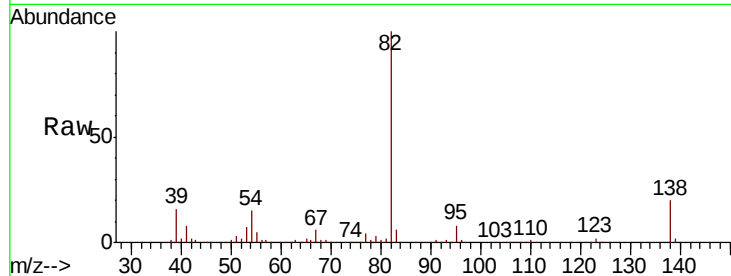
Tot Ion: 82 Resp: 893107

Ion Ratio Lower Upper

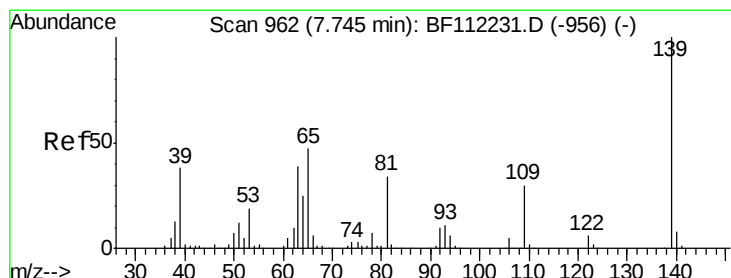
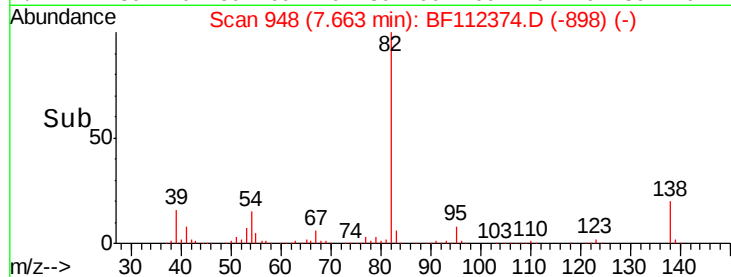
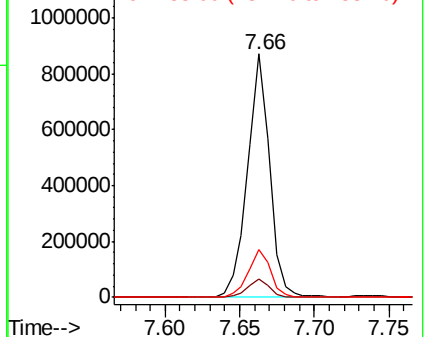
82 100

95 7.7 5.7 8.5

138 19.6 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.932 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

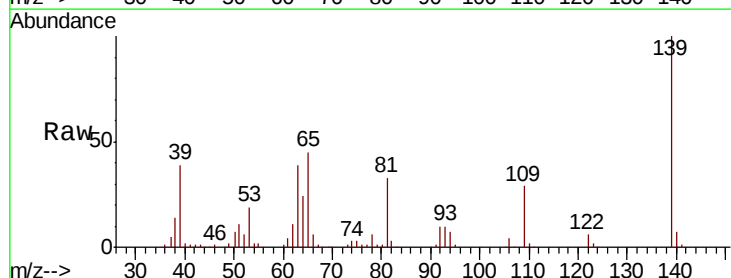
Tgt Ion: 139 Resp: 271347

Ion Ratio Lower Upper

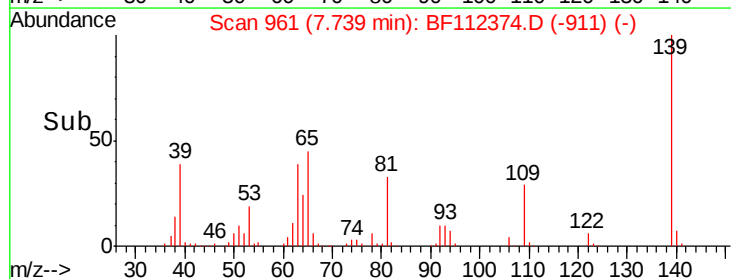
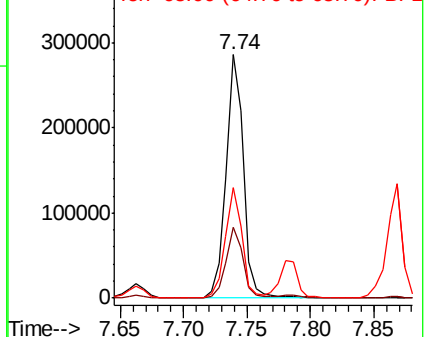
139 100

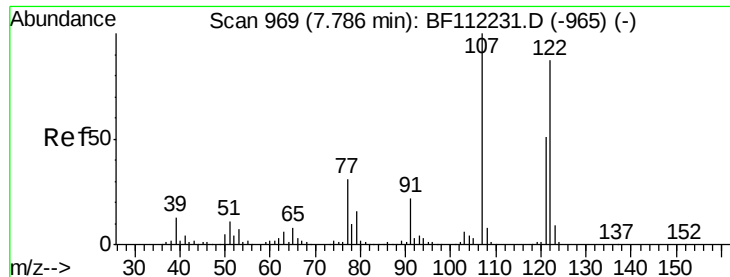
109 29.2 20.8 31.2

65 45.4 34.4 51.6



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

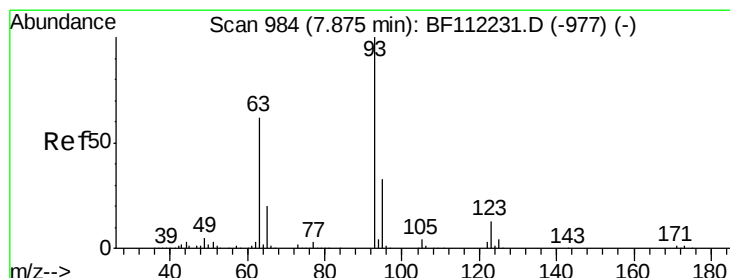
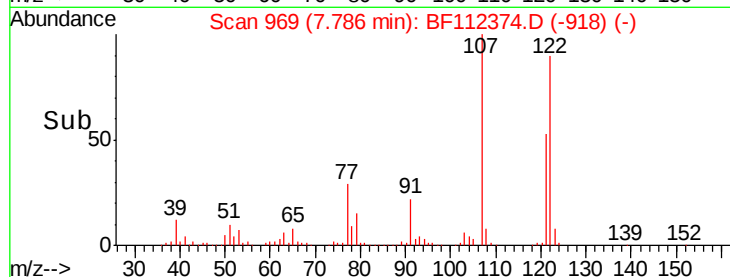
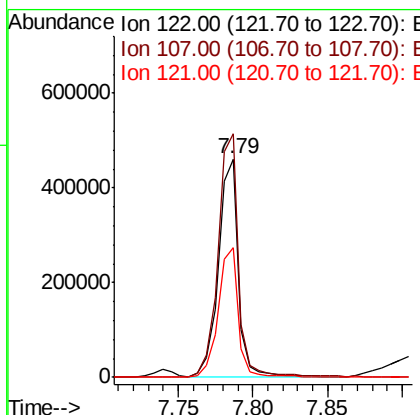
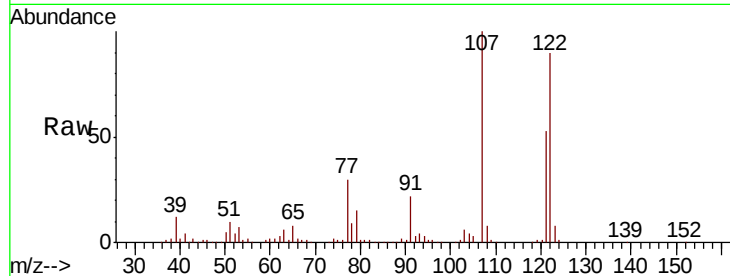




#27
2,4-Dimethylphenol
Concen: 49.761 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

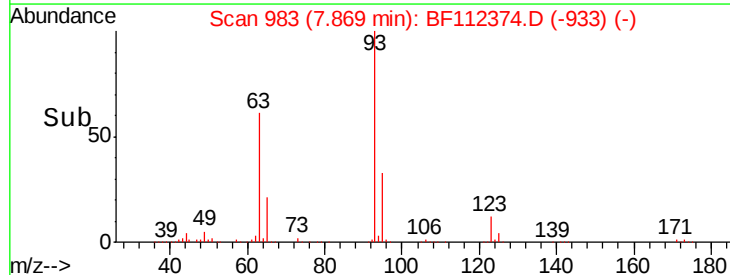
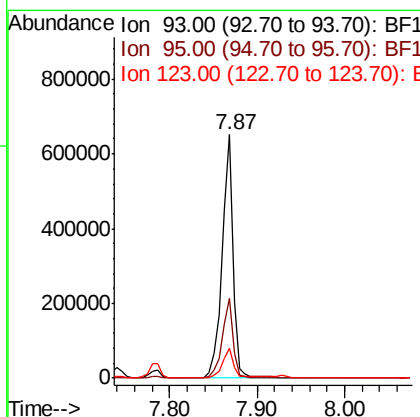
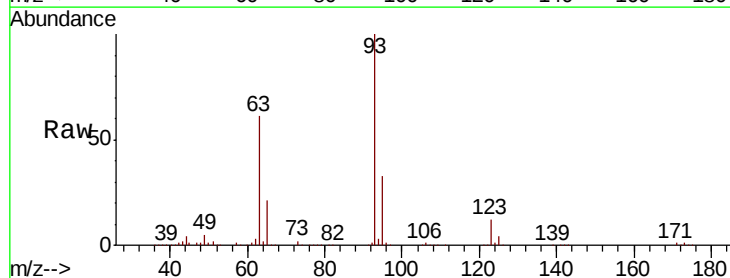
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

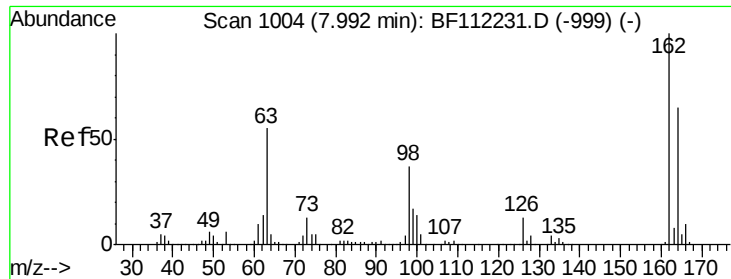
Tot Ion:122 Resp: 433320
Ion Ratio Lower Upper
122 100
107 111.5 85.4 128.0
121 59.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.264 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion: 93 Resp: 572585
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 12.0 10.2 15.2

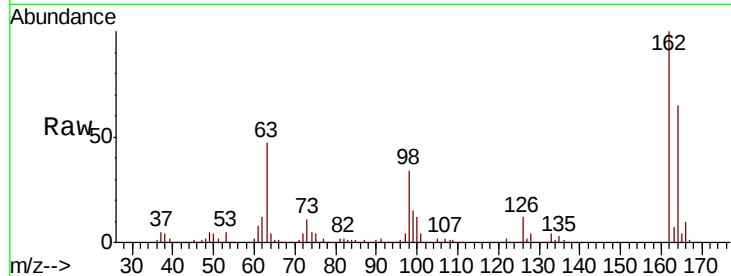




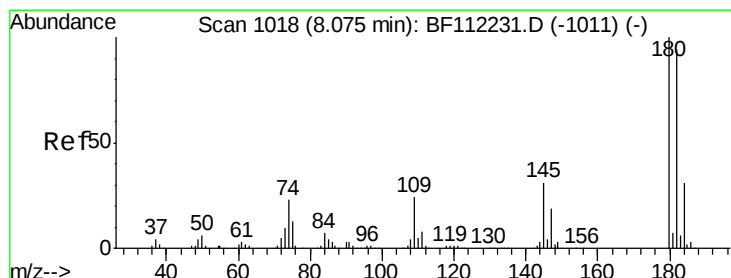
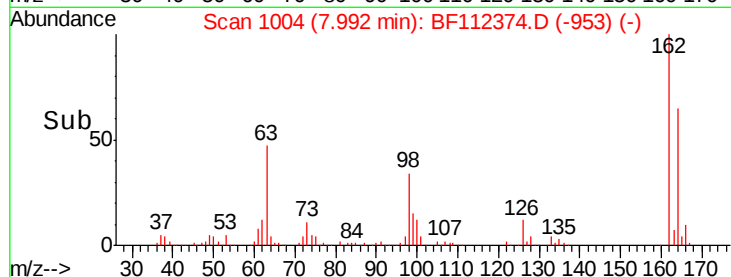
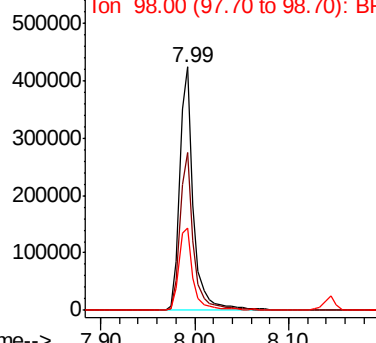
#29
 2,4-Dichlorophenol
 Concen: 44.684 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleID :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	33.8	14.6	54.6

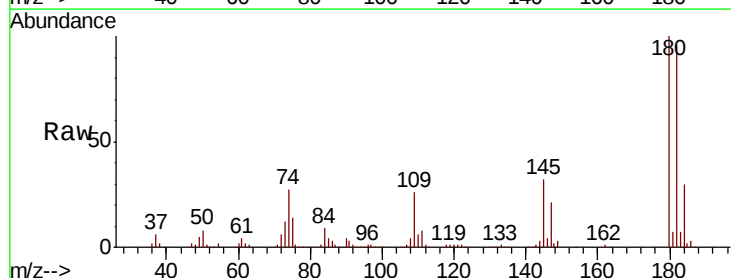


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

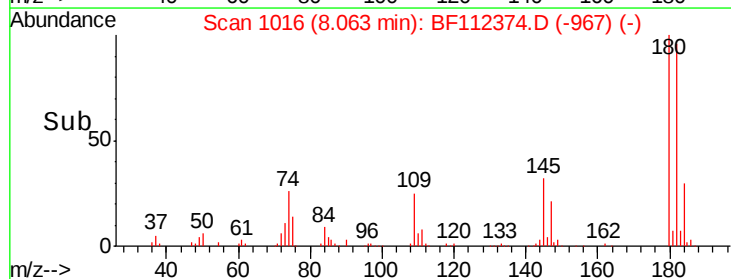
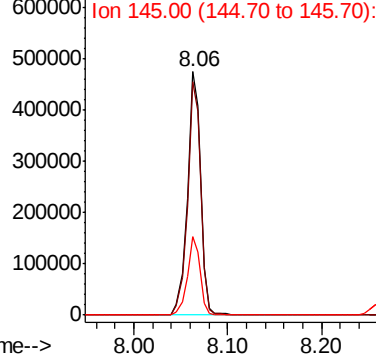


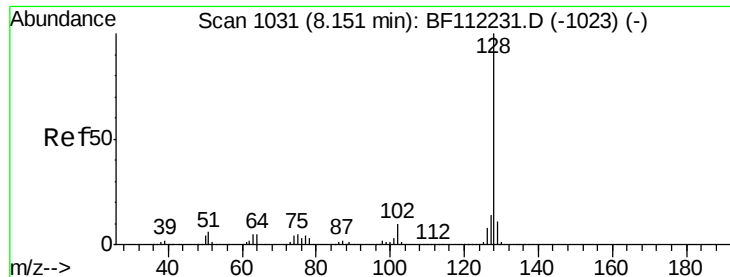
#30
 1,2,4-Trichlorobenzene
 Concen: 42.196 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	32.4	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

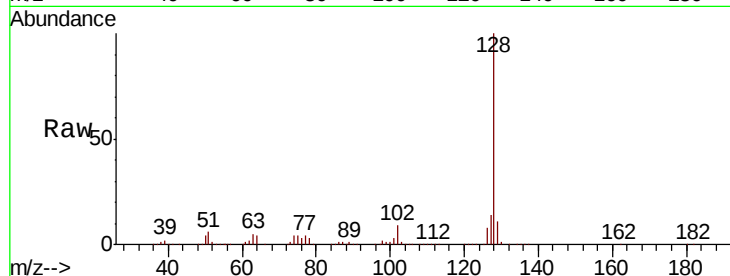




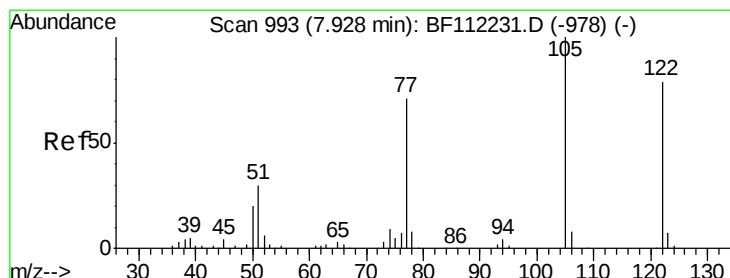
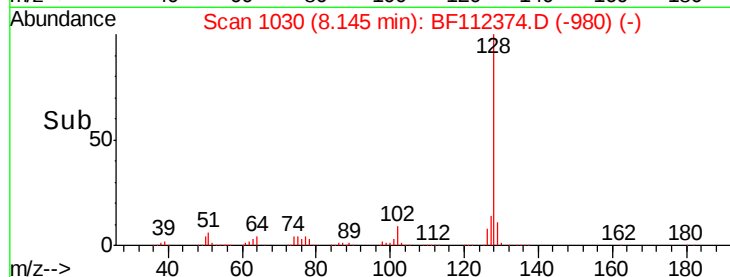
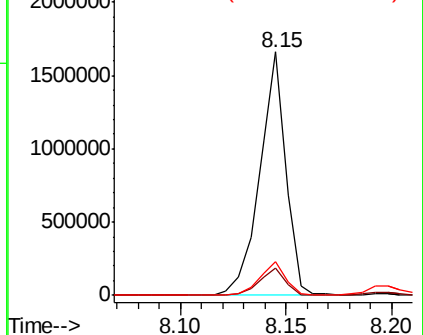
#31
Naphthalene
Concen: 44.794 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:128 Resp: 1429331
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 14.0 11.1 16.7

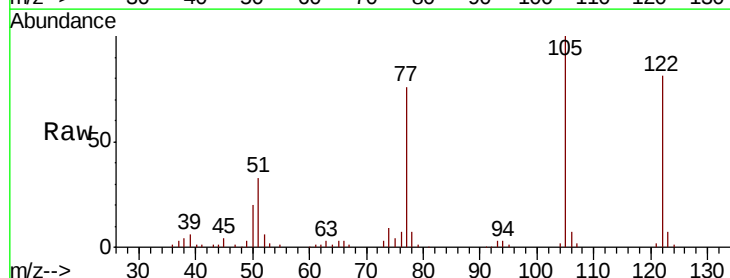


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

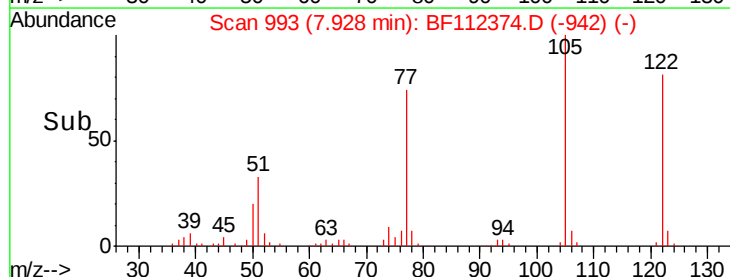
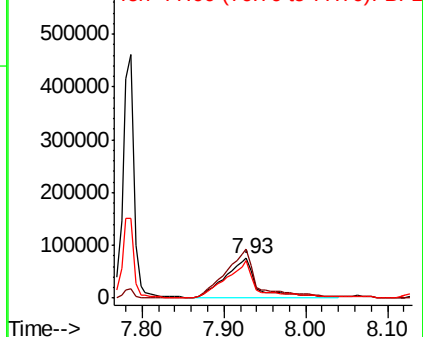


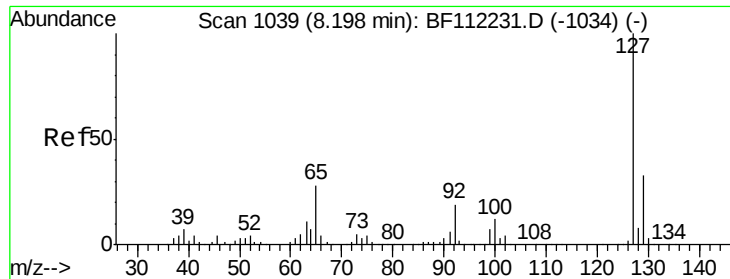
#32
Benzoic acid
Concen: 40.015 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:122 Resp: 198763
Ion Ratio Lower Upper
122 100
105 123.1 101.2 141.2
77 93.0 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

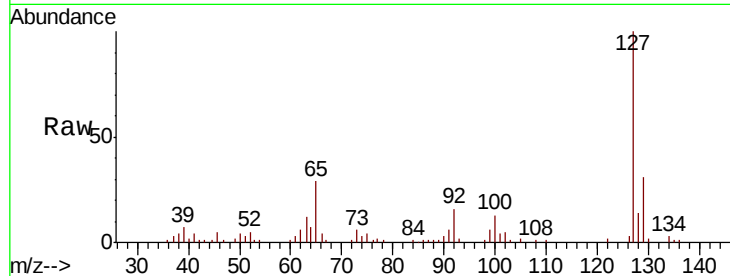




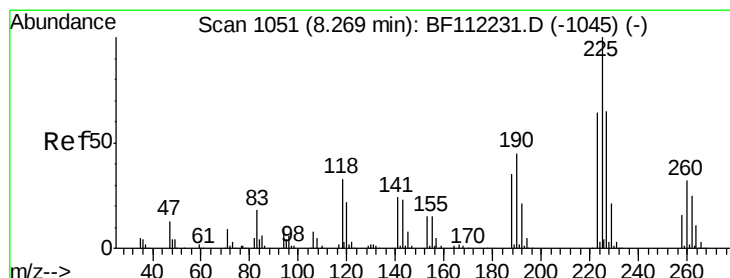
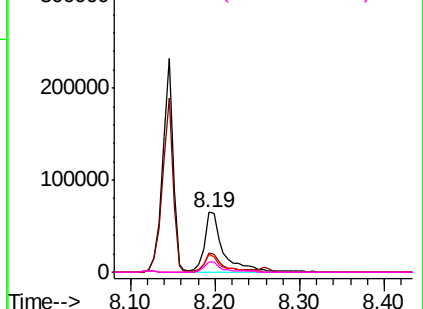
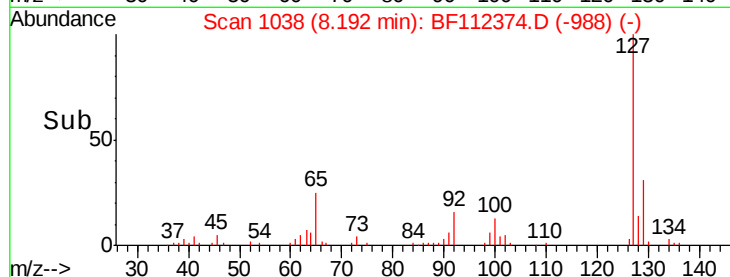
#33
4-Chloroaniline
Concen: 7.344 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:	127	Resp:	102032
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	39.8
65	29.1	21.4	32.2
92	16.2	14.2	21.2

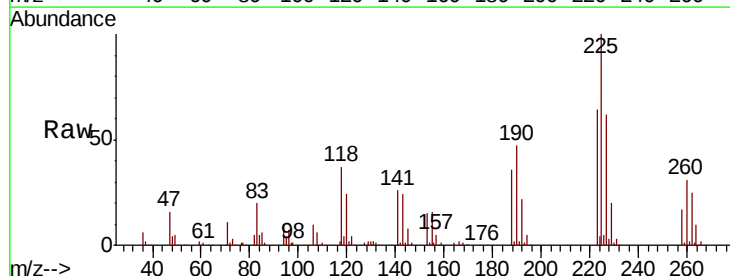


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

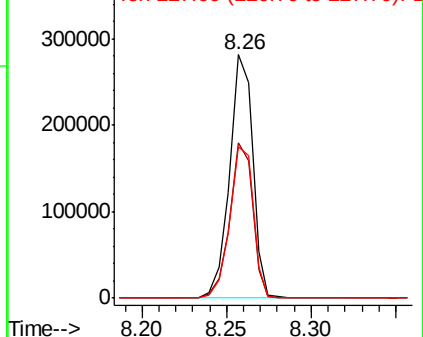
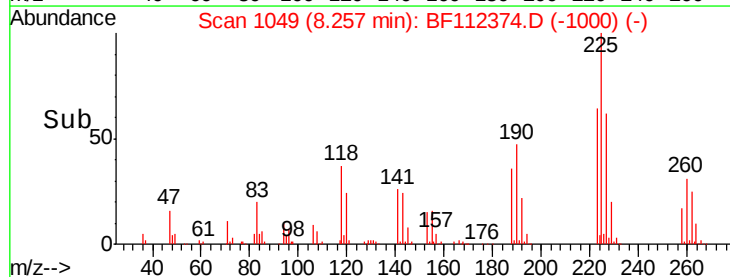


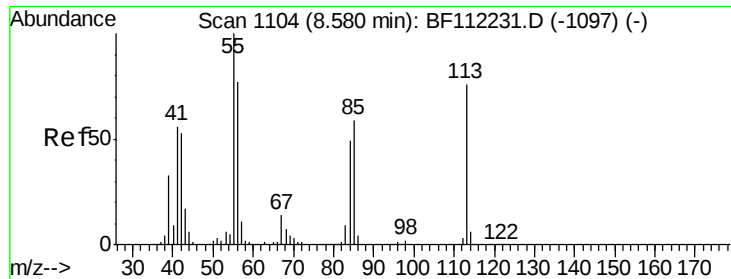
#34
Hexachlorobutadiene
Concen: 40.599 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:	225	Resp:	266864
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.3	75.5
227	62.3	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

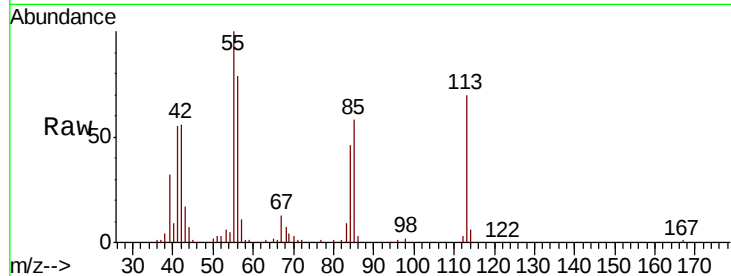




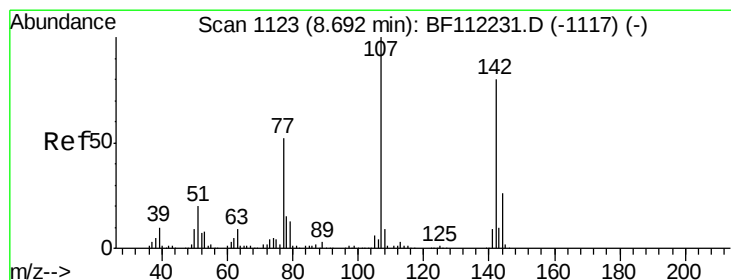
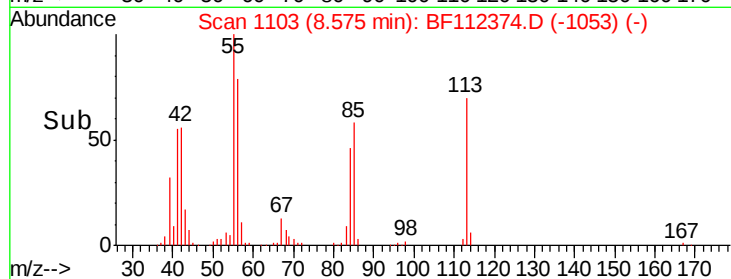
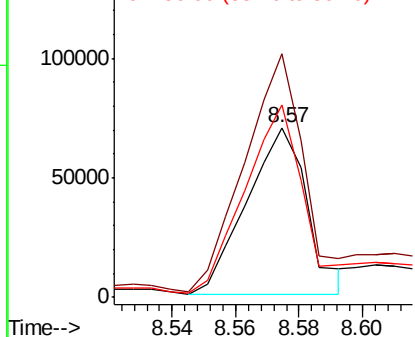
#35
Caprolactam
Concen: 26.880 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:113 Resp: 92406
Ion Ratio Lower Upper
113 100
55 143.7 121.6 161.6
56 113.2 86.7 126.7

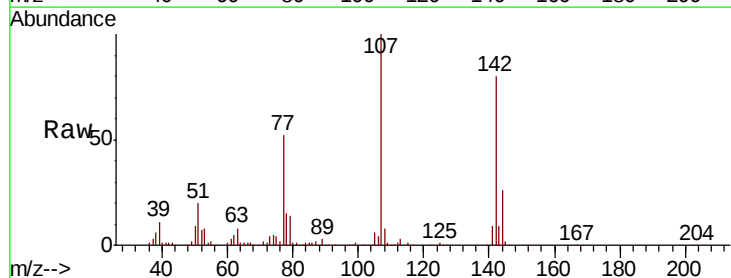


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

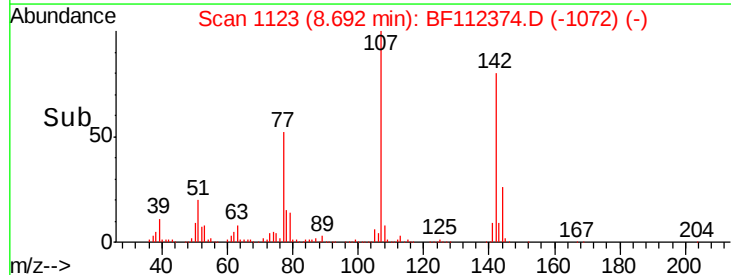
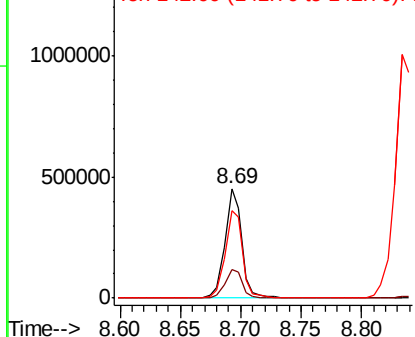


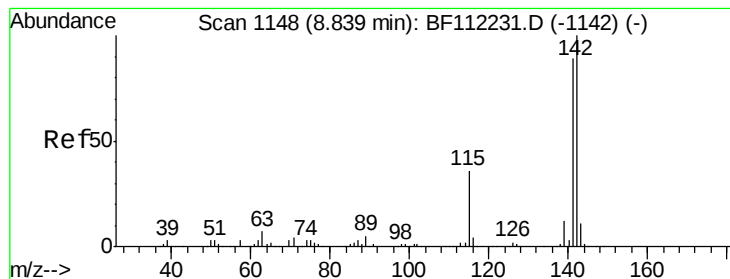
#36
4-Chloro-3-methylphenol
Concen: 42.063 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:107 Resp: 433935
Ion Ratio Lower Upper
107 100
144 26.0 22.2 33.2
142 80.1 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

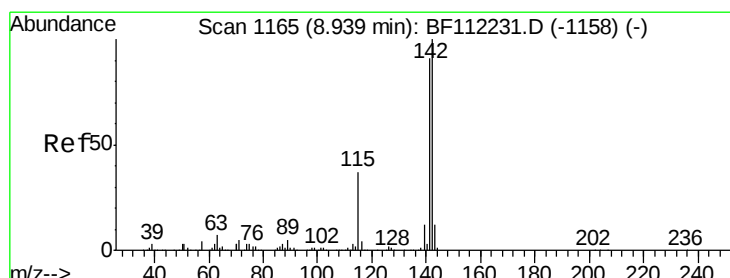
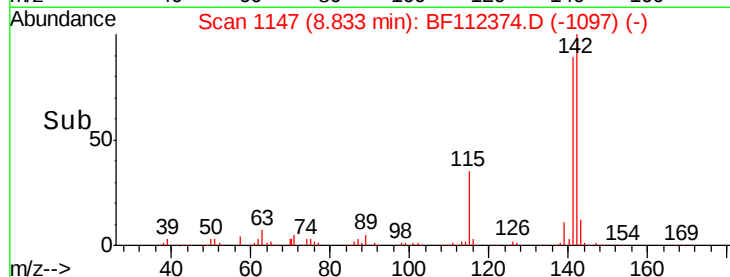
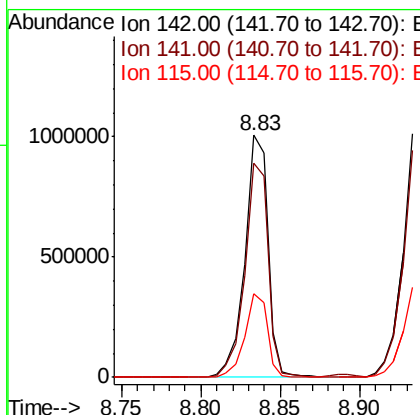
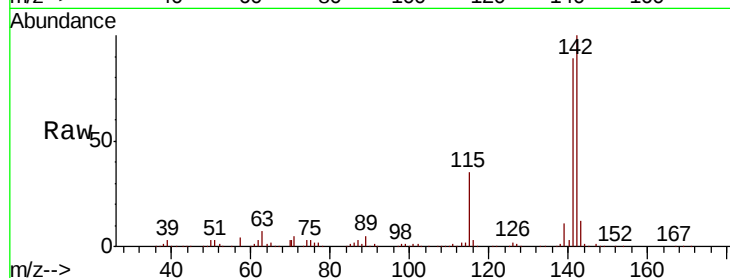




#37
2-Methylnaphthalene
Concen: 46.286 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

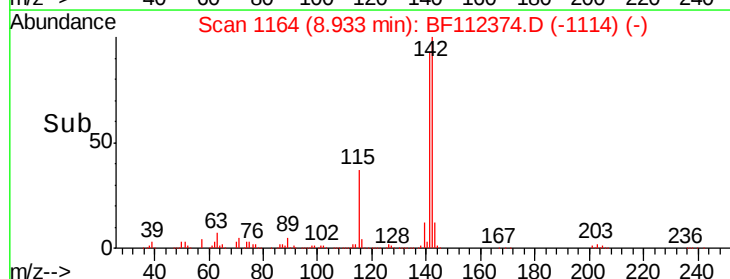
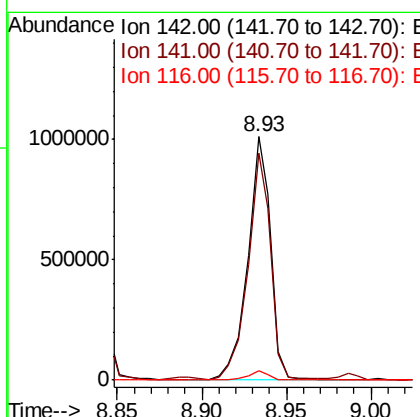
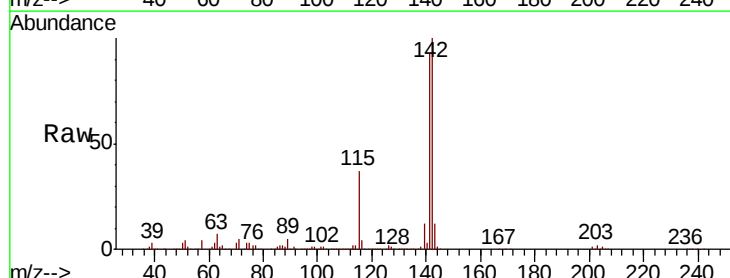
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

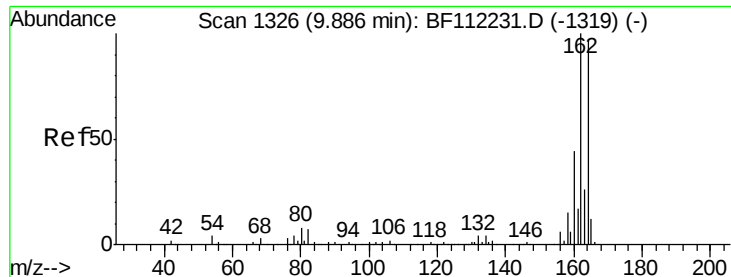
Tot Ion:142 Resp: 1011082
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3
115 34.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 45.304 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:142 Resp: 948555
Ion Ratio Lower Upper
142 100
141 93.3 72.6 108.8
116 3.9 2.8 4.2

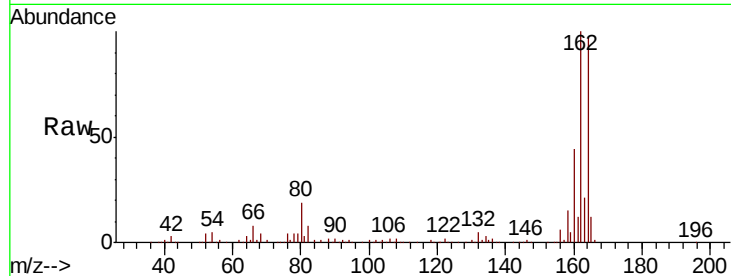




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.4
160	44.8	36.2	54.4

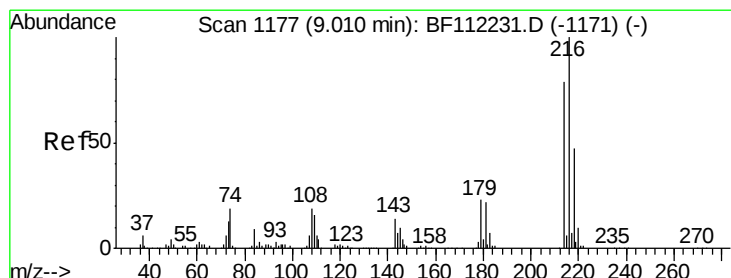
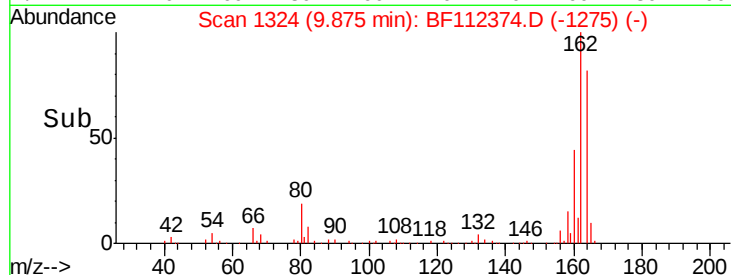
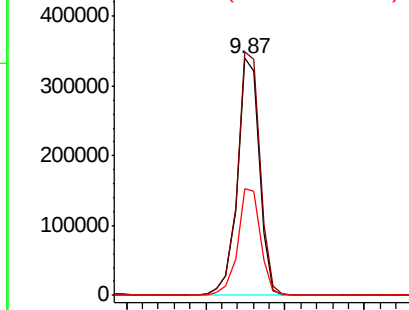


Abundance

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: 43.758 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	22.1	16.9	25.3
108	18.0	14.2	21.4

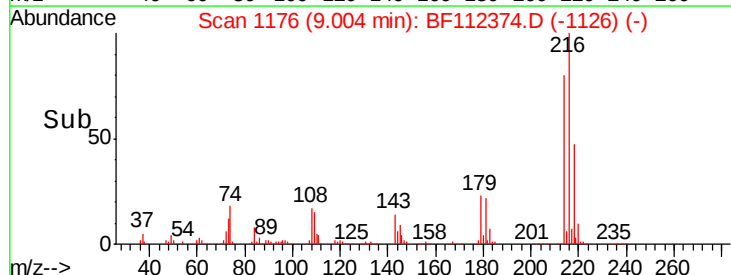
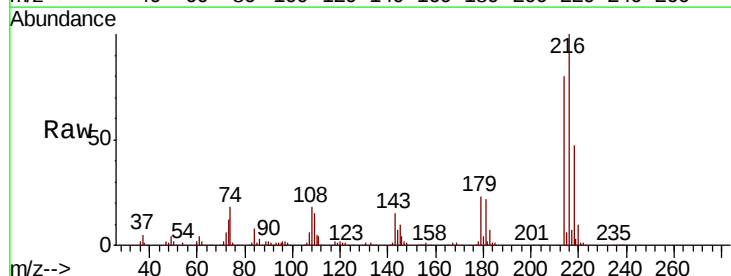
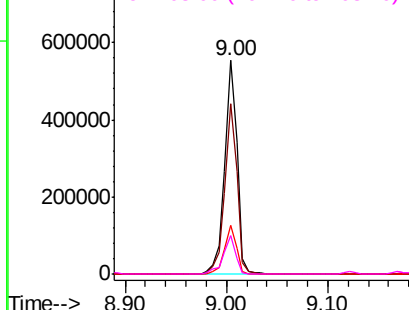
Abundance

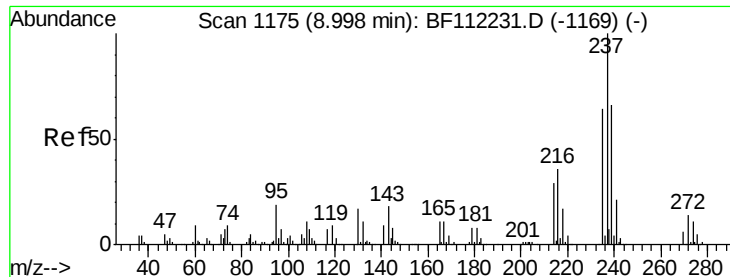
Ion 216.00 (215.70 to 216.70): E

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: 45.505 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

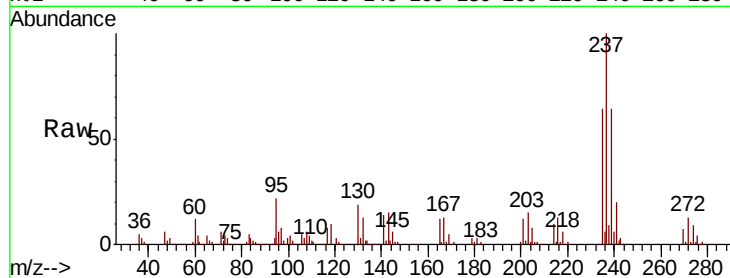
Tot Ion:237 Resp: 165947

Ion Ratio Lower Upper

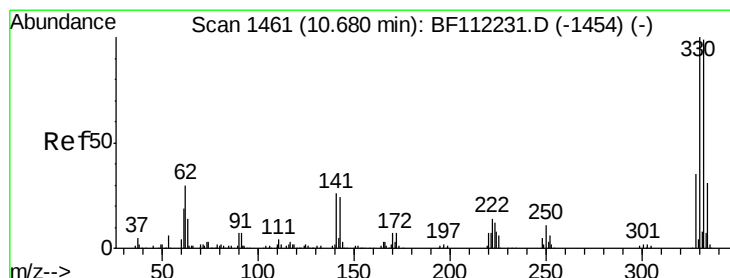
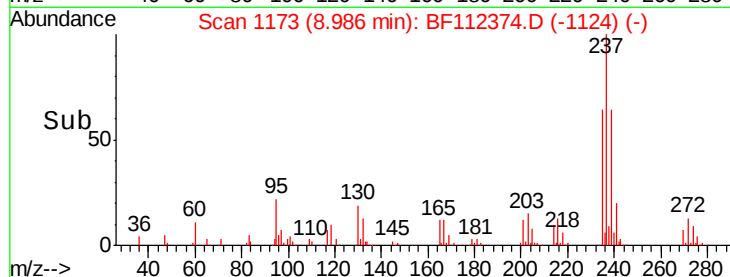
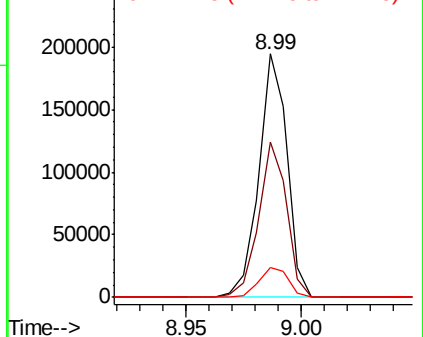
237 100

235 63.7 44.0 84.0

272 12.5 0.0 33.3



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: 83.567 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

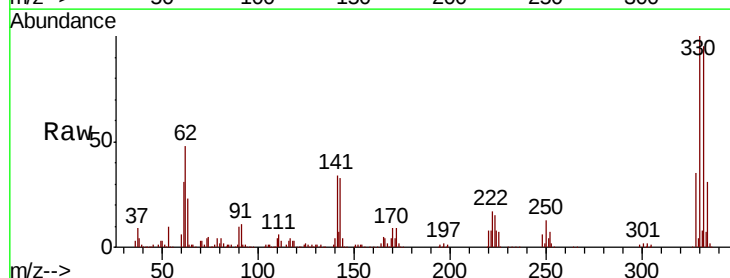
Tgt Ion:330 Resp: 317517

Ion Ratio Lower Upper

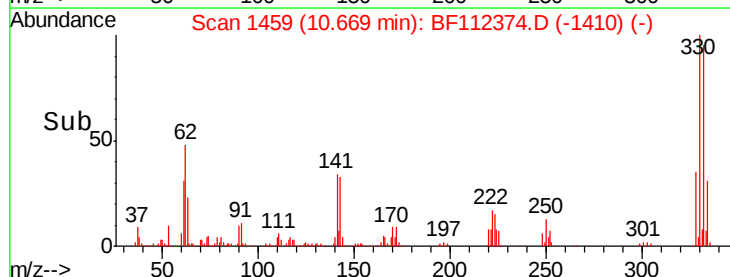
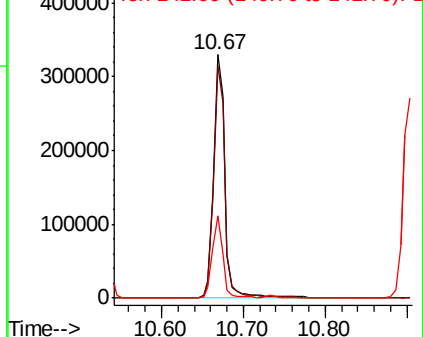
330 100

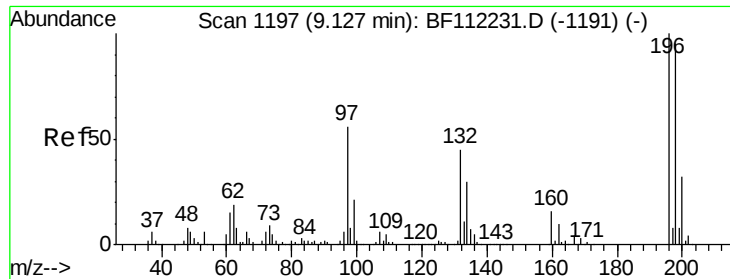
332 95.4 76.6 114.8

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

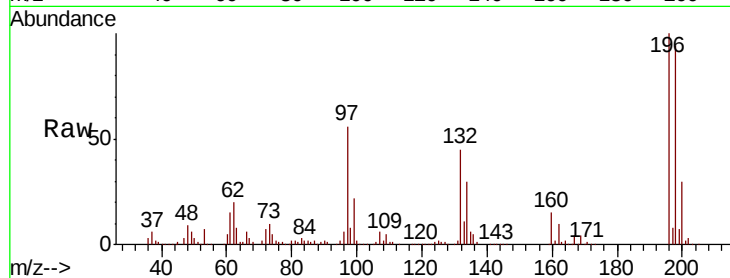




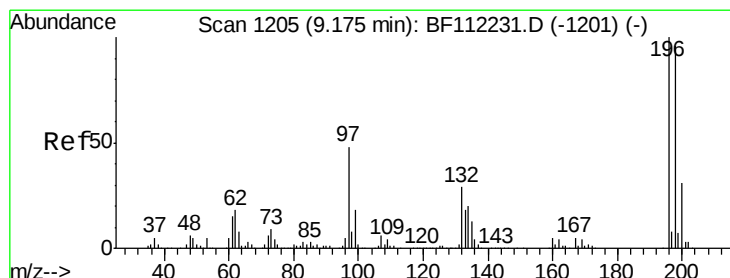
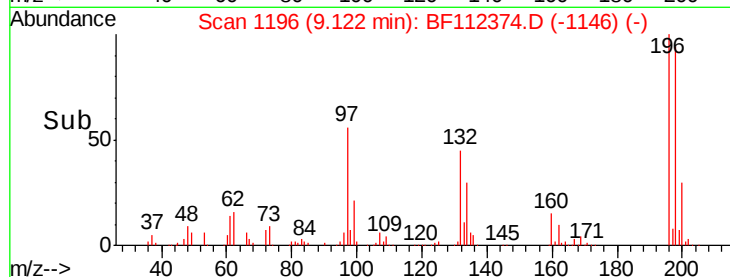
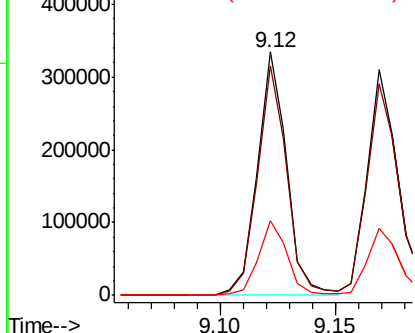
#43
 2,4,6-Trichlorophenol
 Concen: 44.805 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:196 Resp: 296008
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.2 114.4
 200 30.4 24.3 36.5

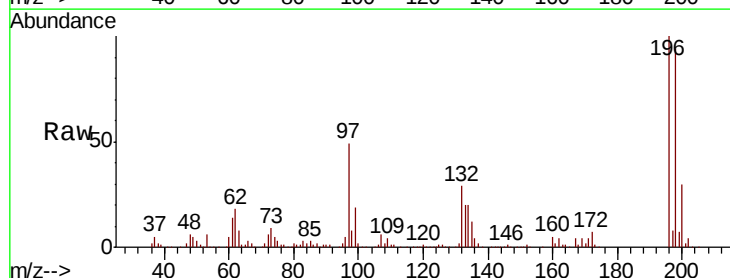


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

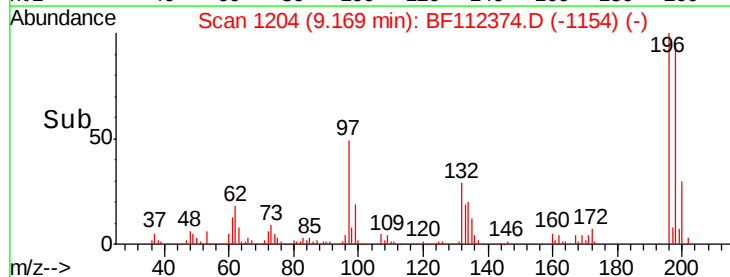
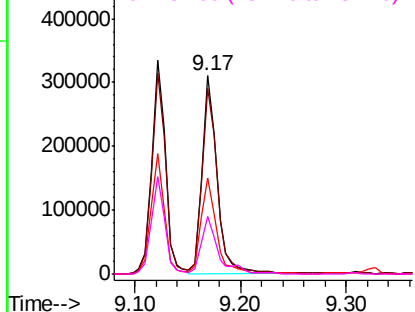


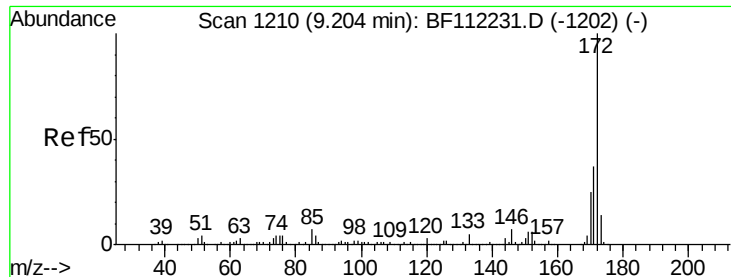
#44
 2,4,5-Trichlorophenol
 Concen: 44.260 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion:196 Resp: 305603
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.0 114.0
 97 48.7 36.4 54.6
 132 28.9 21.5 32.3



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

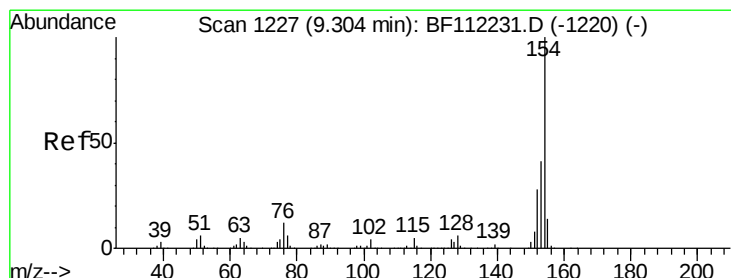
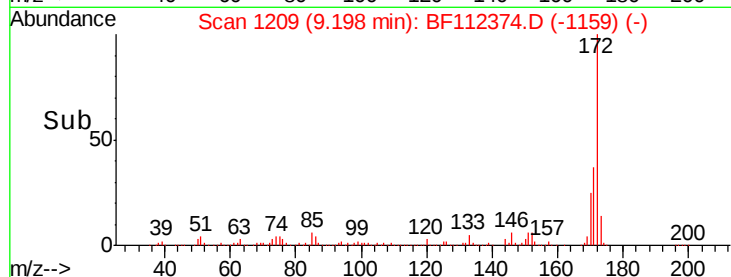
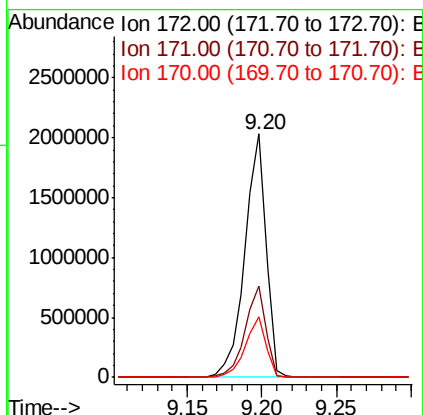
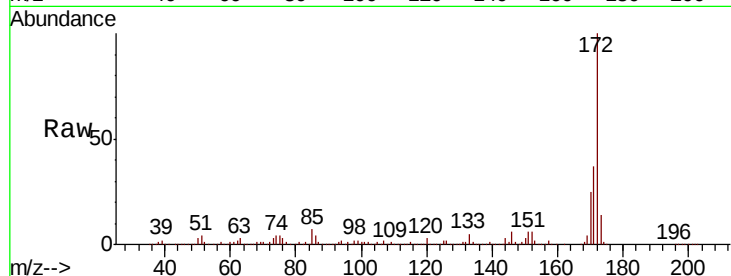




#45
2-Fluorobiphenyl
Concen: 86.727 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

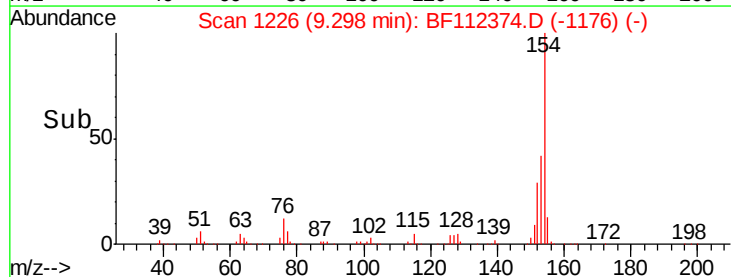
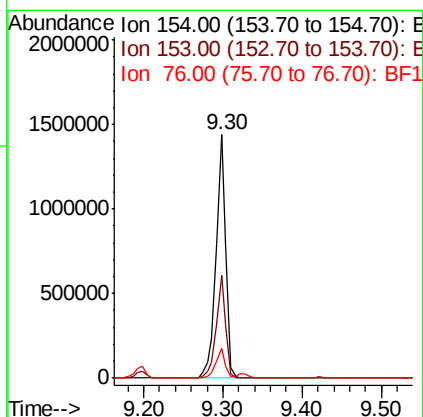
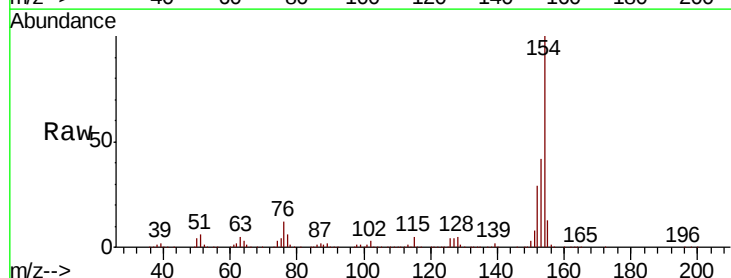
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

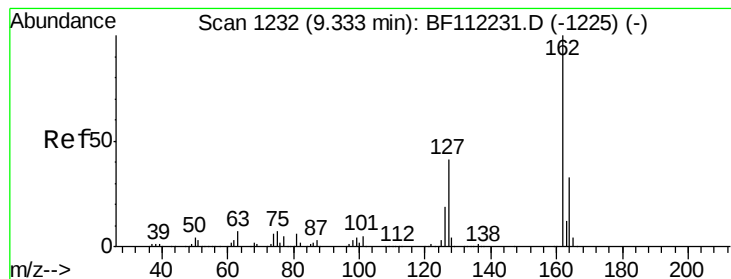
Tot Ion:172 Resp: 2001652
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 42.985 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:154 Resp: 1226702
Ion Ratio Lower Upper
154 100
153 42.3 21.5 61.5
76 12.0 0.0 33.1





#47

2-Chloronaphthalene

Concen: 42.379 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

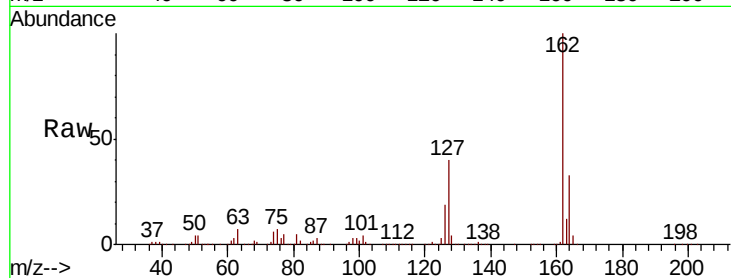
Tot Ion:162 Resp: 937847

Ion Ratio Lower Upper

162 100

127 39.7 30.4 45.6

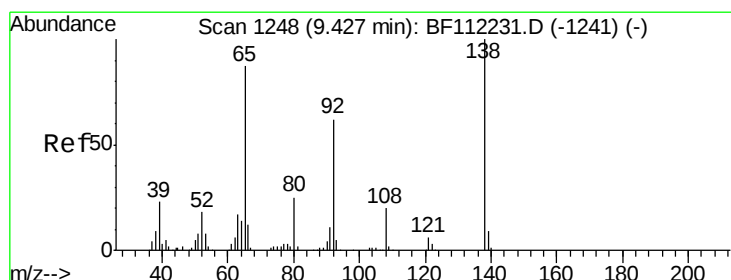
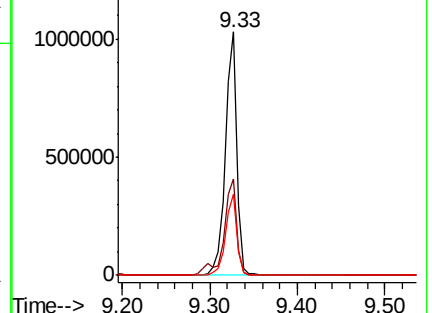
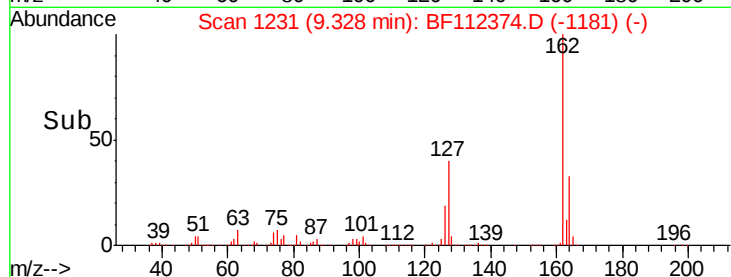
164 33.2 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.501 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

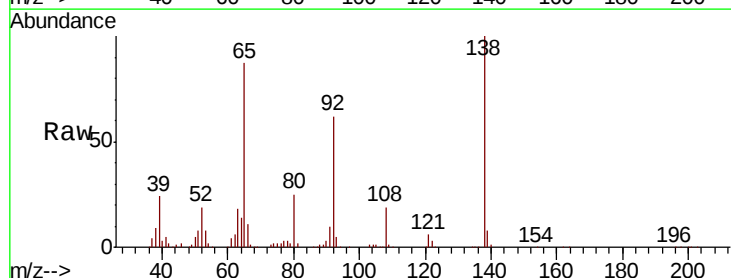
Tgt Ion: 65 Resp: 256357

Ion Ratio Lower Upper

65 100

92 71.4 60.4 90.6

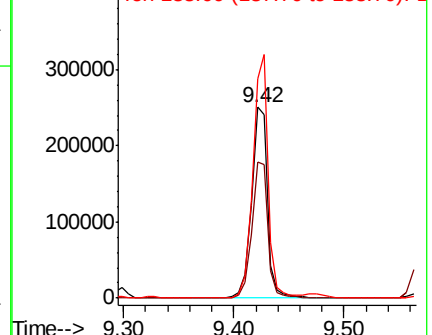
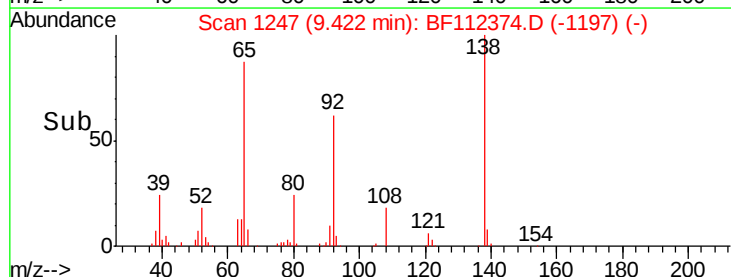
138 114.8 104.4 156.6

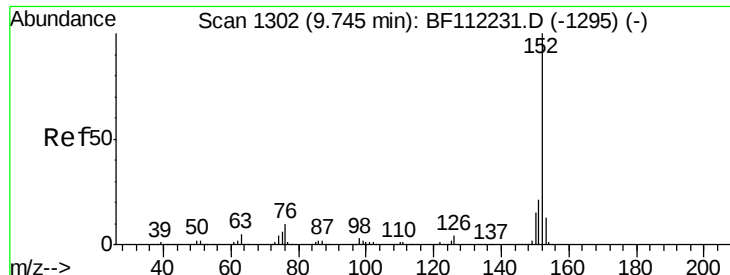


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.114 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

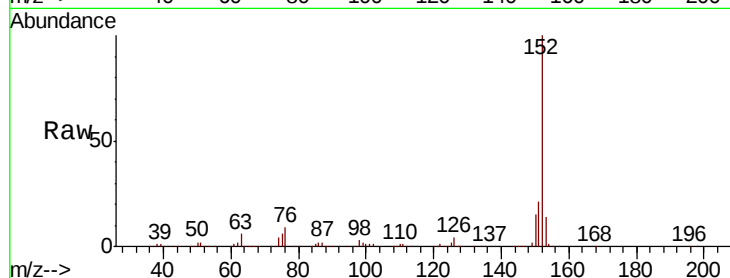
Tot Ion:152 Resp: 1463310

Ion Ratio Lower Upper

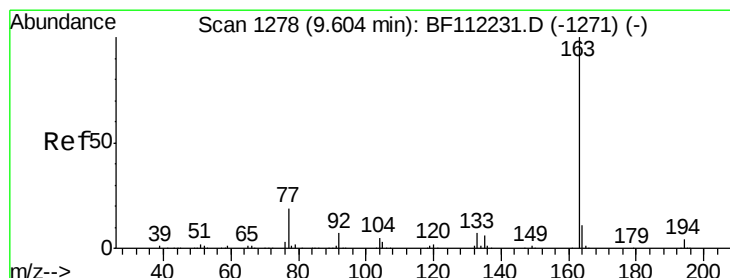
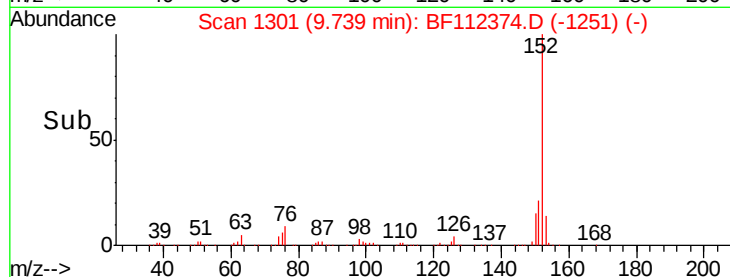
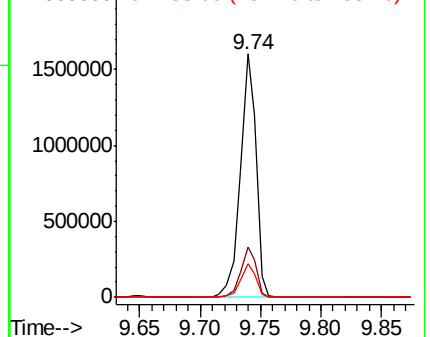
152 100

151 20.8 17.0 25.6

153 13.7 11.2 16.8



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: 45.070 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

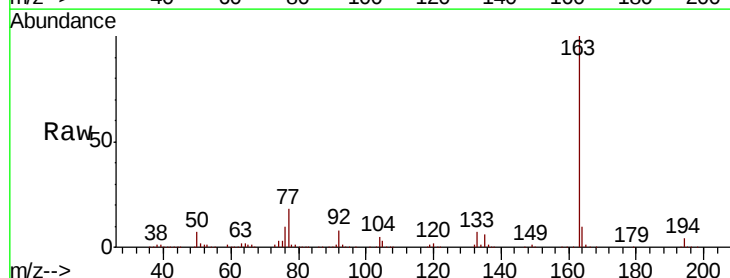
Tgt Ion:163 Resp: 1143066

Ion Ratio Lower Upper

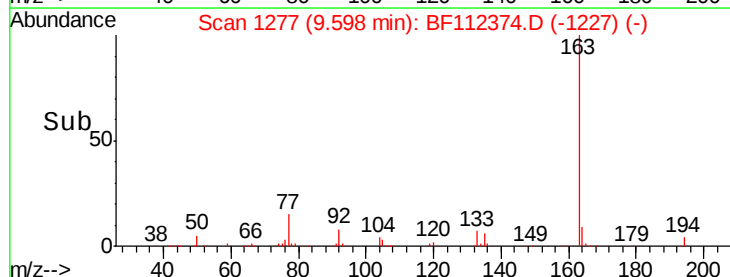
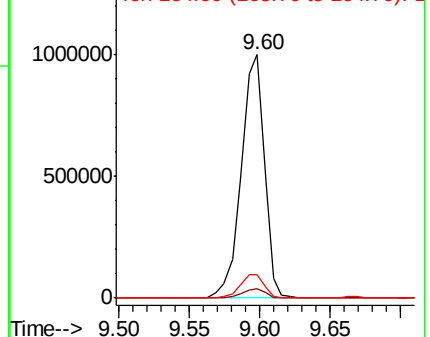
163 100

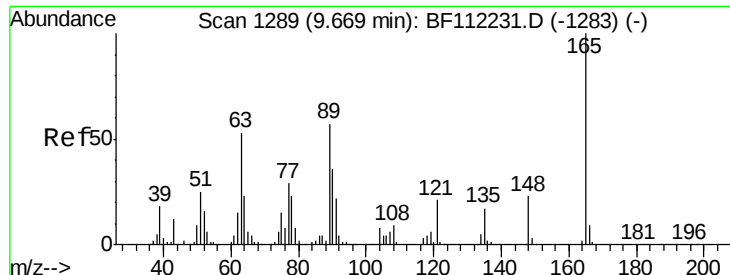
194 4.1 3.3 4.9

164 9.8 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

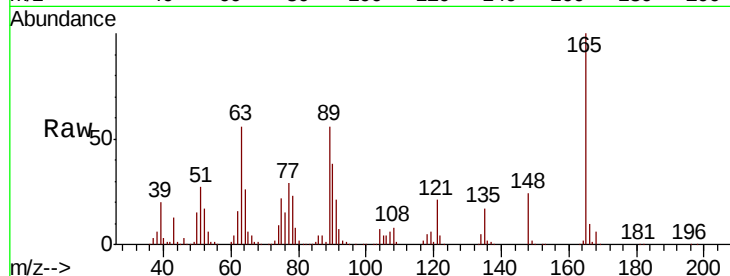




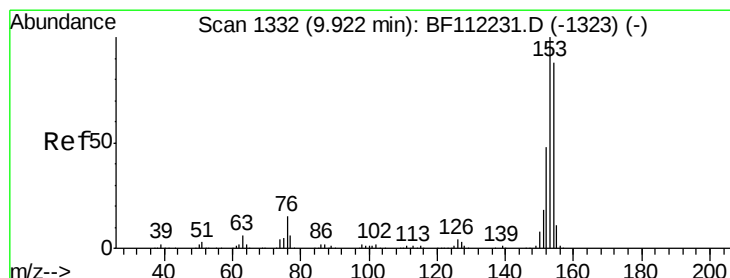
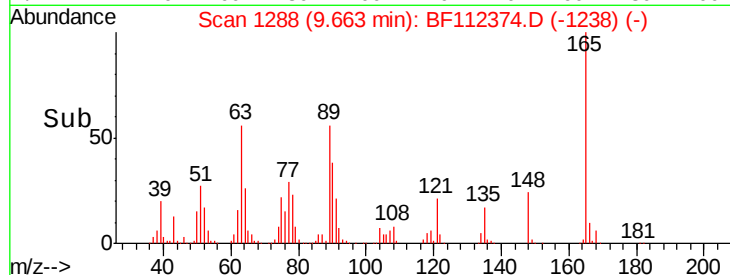
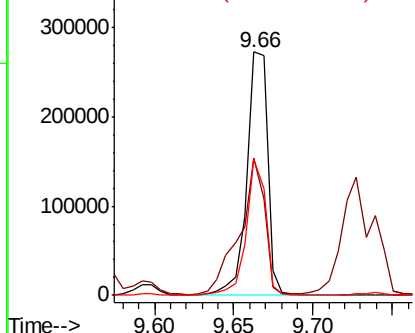
#51
2,6-Dinitrotoluene
Concen: 43.821 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:165 Resp: 248908
Ion Ratio Lower Upper
165 100
63 56.4 33.8 50.8#
89 56.1 36.9 55.3#

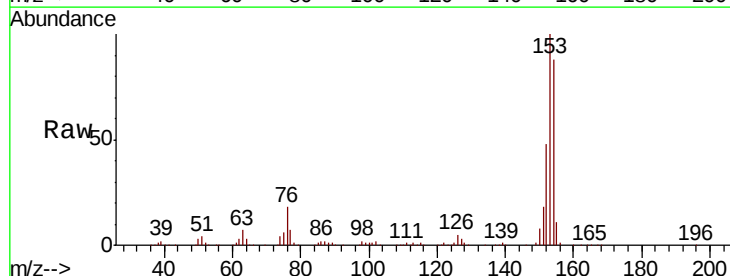


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

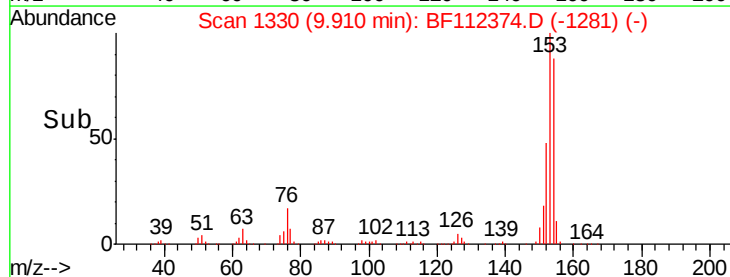
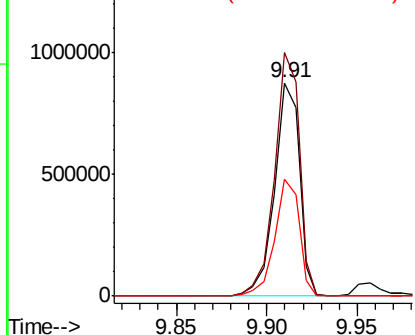


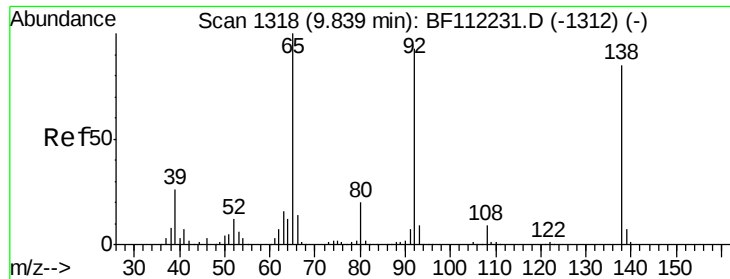
#52
Acenaphthene
Concen: 43.269 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:154 Resp: 838396
Ion Ratio Lower Upper
154 100
153 114.3 89.8 134.6
152 54.9 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

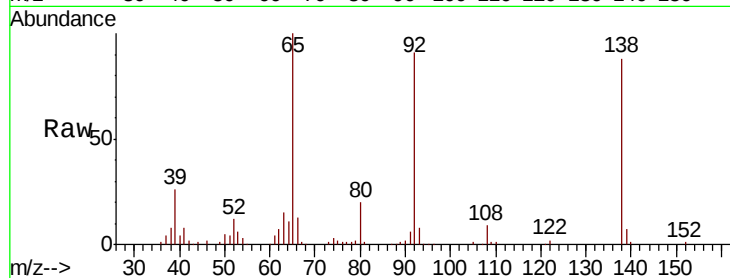




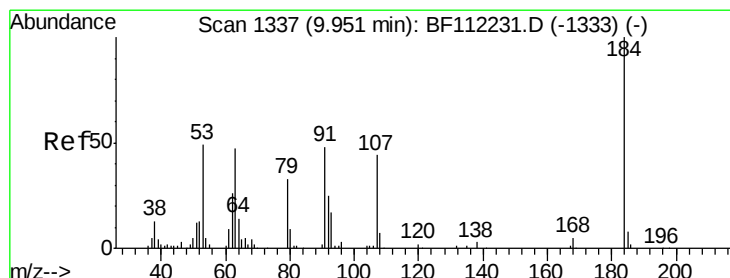
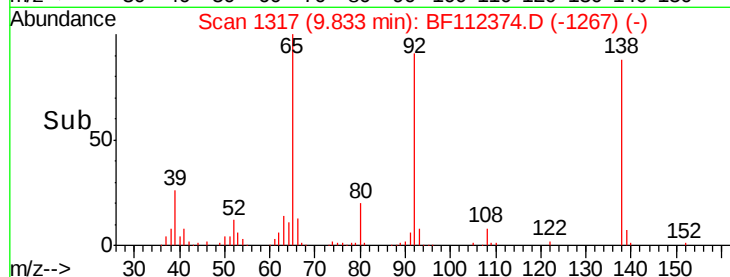
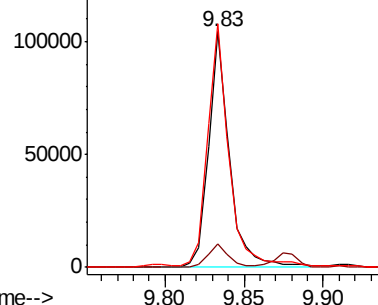
#53
3-Nitroaniline
Concen: 15.526 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:138 Resp: 95539
Ion Ratio Lower Upper
138 100
108 9.7 9.8 14.6#
92 103.4 79.4 119.2

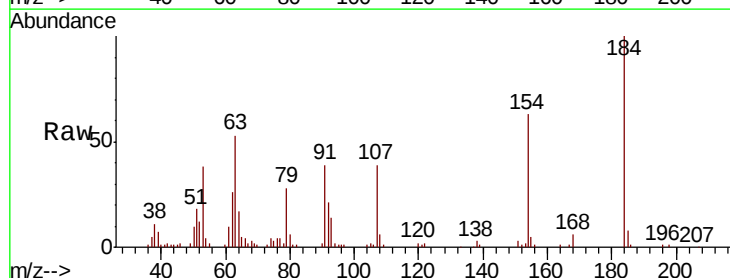


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

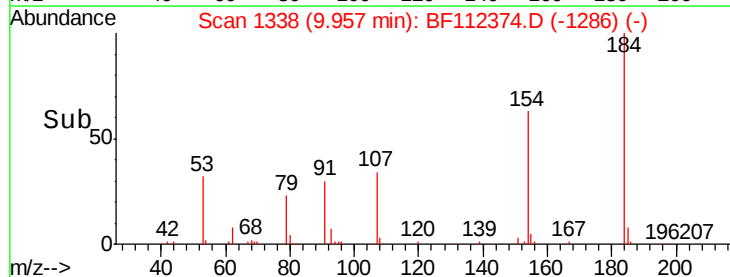
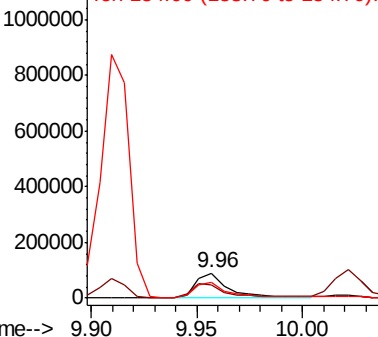


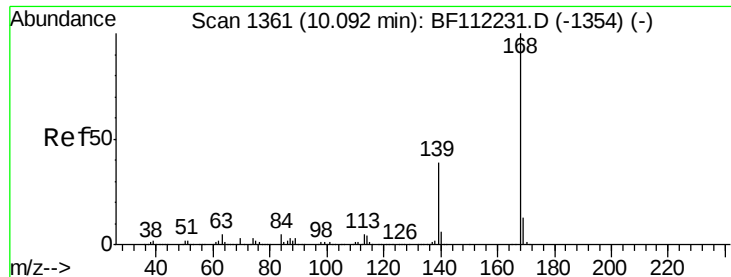
#54
2,4-Dinitrophenol
Concen: 55.566 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:184 Resp: 101291
Ion Ratio Lower Upper
184 100
63 53.0 47.1 70.7
154 62.7 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

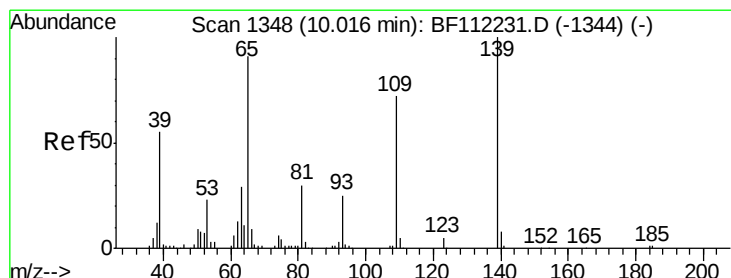
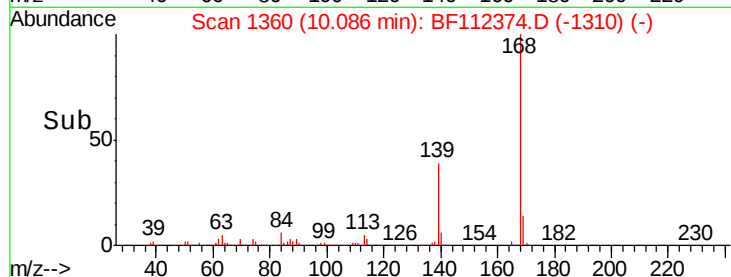
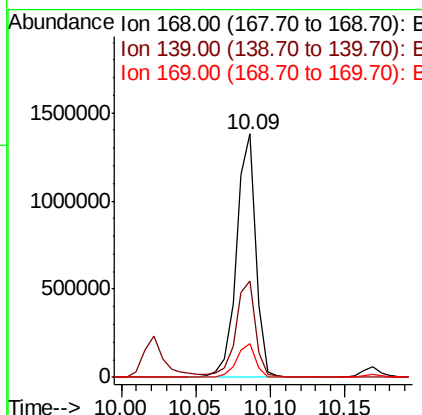
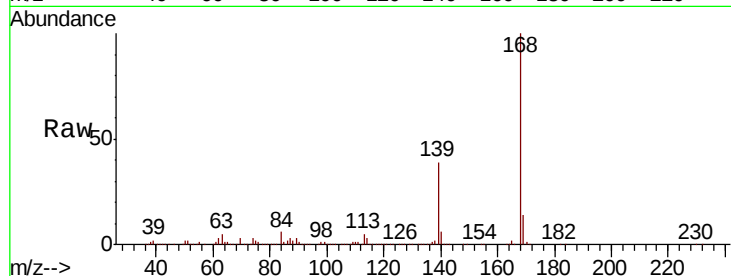




#55
Dibenzofuran
Concen: 42.381 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

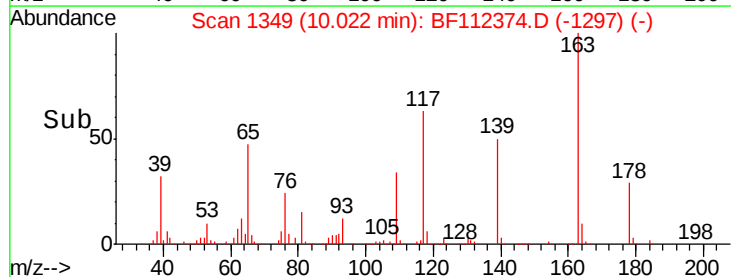
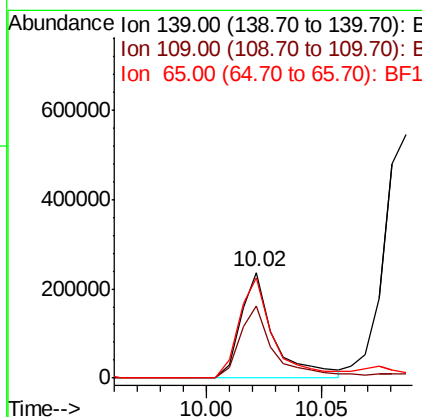
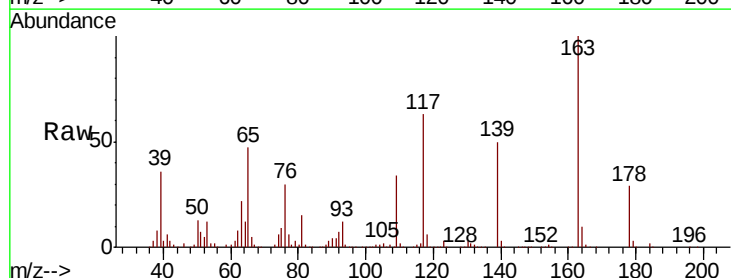
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

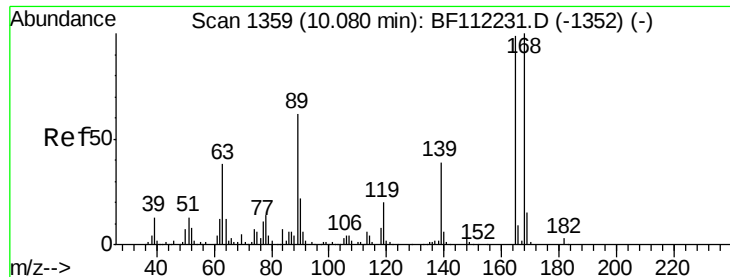
Tot Ion:168 Resp: 1254899
Ion Ratio Lower Upper
168 100
139 39.5 29.2 43.8
169 13.6 11.4 17.0



#56
4-Nitrophenol
Concen: 72.952 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:139 Resp: 237341
Ion Ratio Lower Upper
139 100
109 67.9 42.8 82.8
65 95.1 66.1 106.1

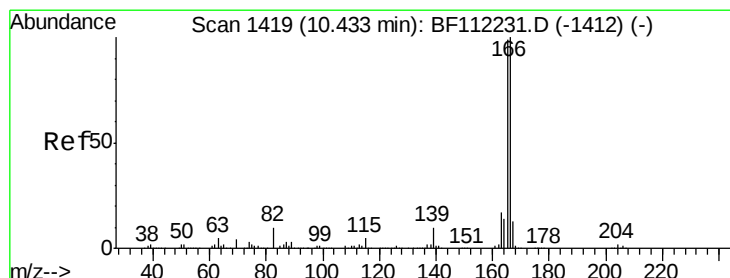
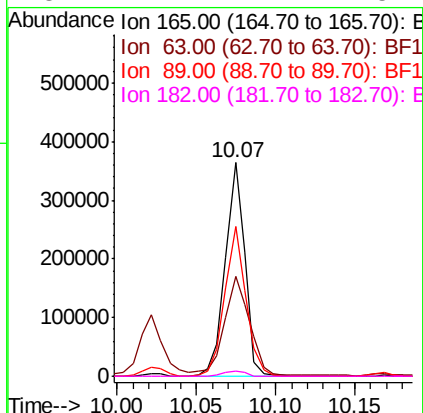
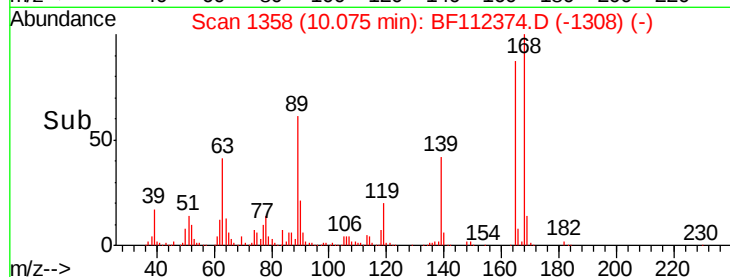
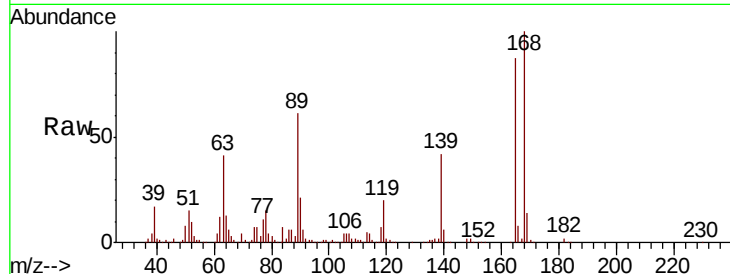




#57
2,4-Dinitrotoluene
Concen: 43.182 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

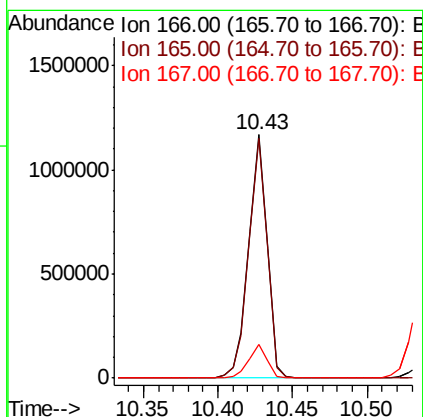
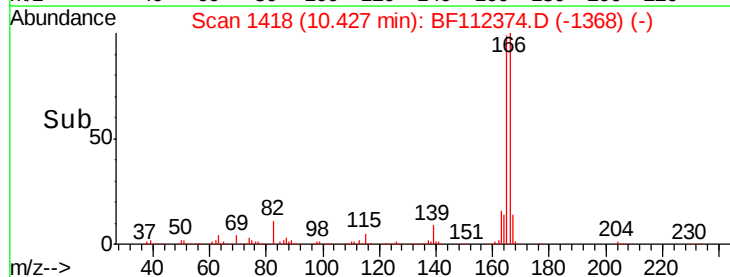
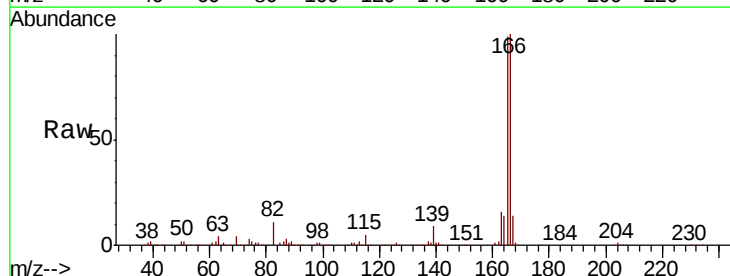
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

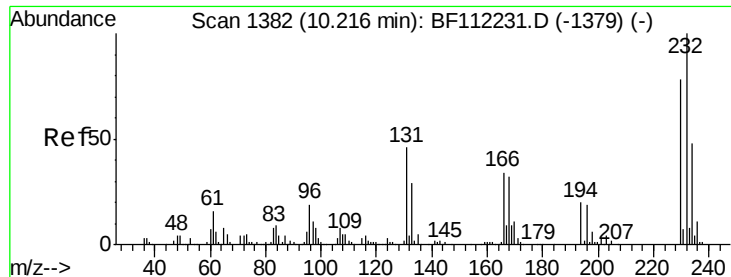
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	27.9	41.9#
89	70.3	47.9	71.9
182	2.7	2.2	3.4



#58
Fluorene
Concen: 45.432 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.1	115.7
167	13.6	11.3	16.9

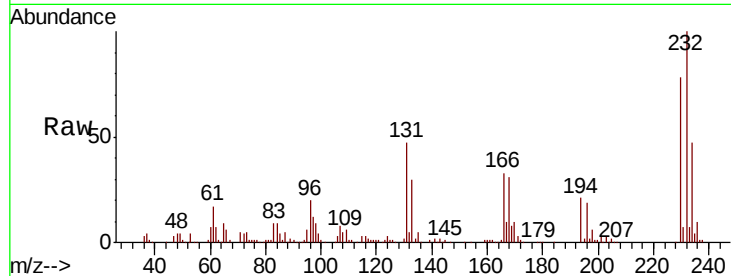




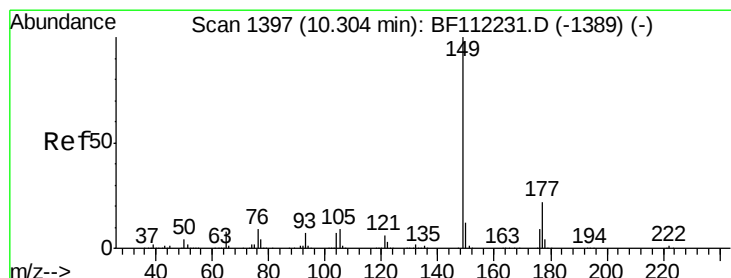
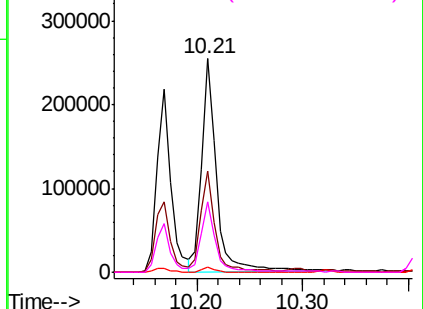
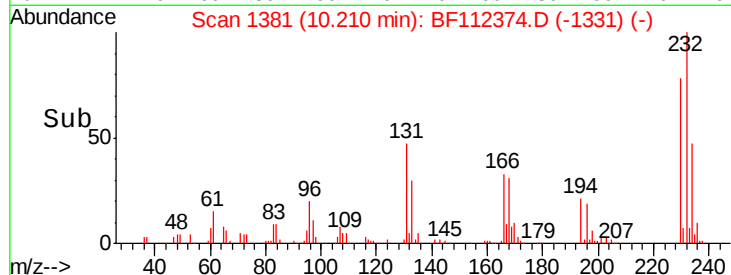
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.796 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:232 Resp: 244177
 Ion Ratio Lower Upper
 232 100
 131 44.2 33.9 50.9
 130 2.2 1.8 2.6
 166 30.4 23.6 35.4

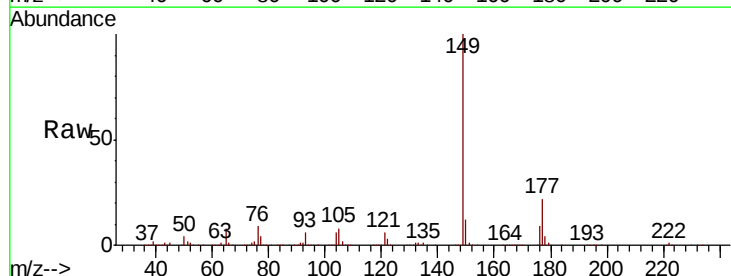


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

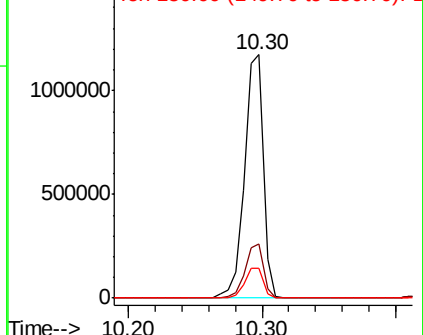
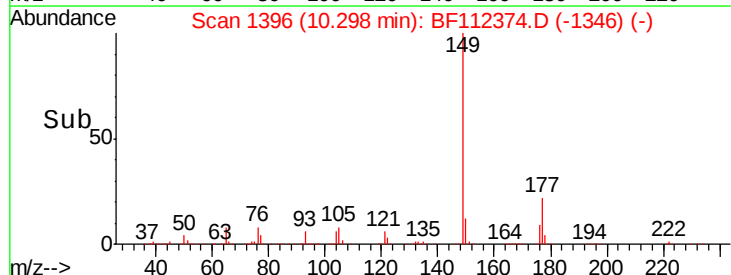


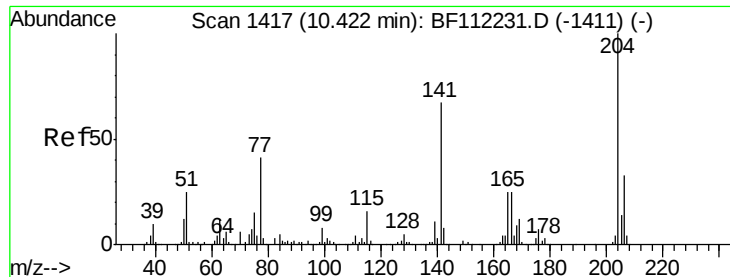
#60
 Diethylphthalate
 Concen: 45.188 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion:149 Resp: 1137332
 Ion Ratio Lower Upper
 149 100
 177 22.3 18.2 27.2
 150 12.3 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

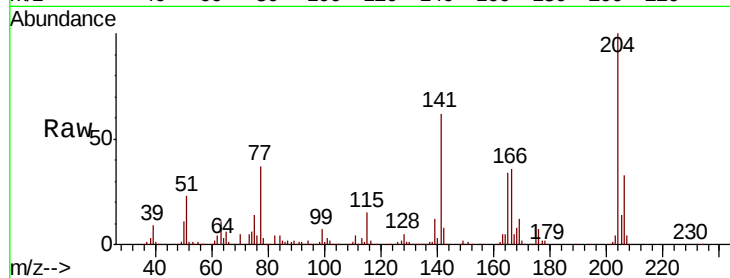




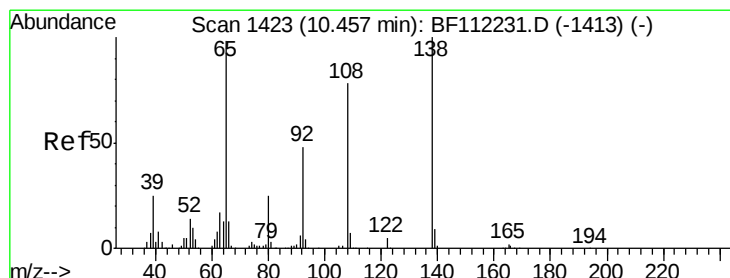
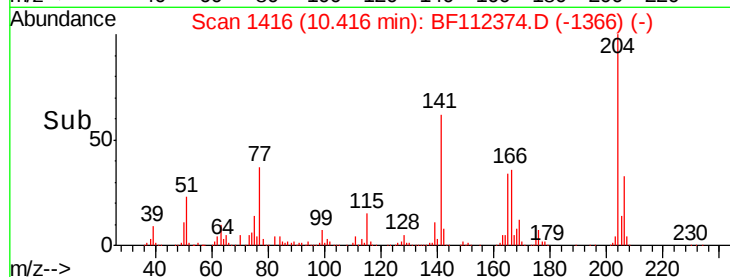
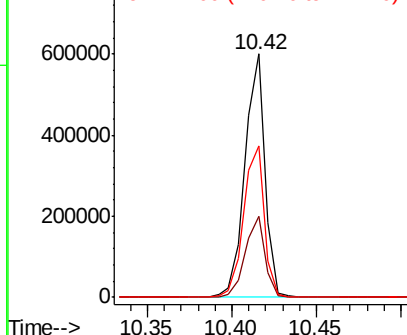
#61
4-Chlorophenyl-phenylether
Concen: 41.352 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:204 Resp: 498429
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 62.5 45.9 68.9

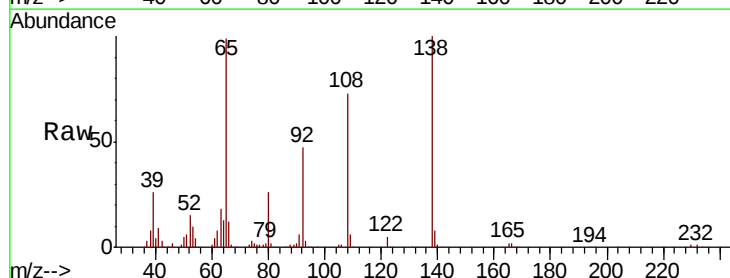


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

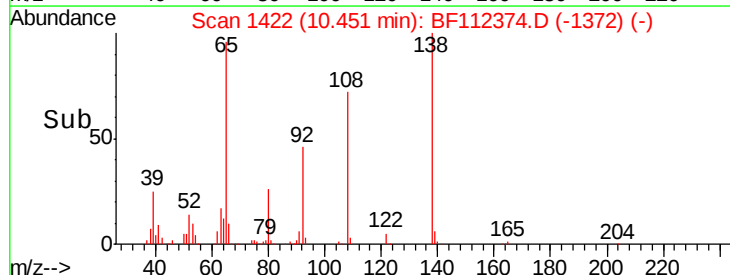
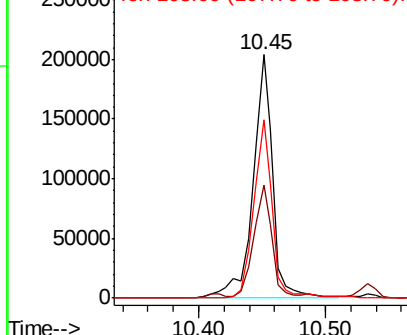


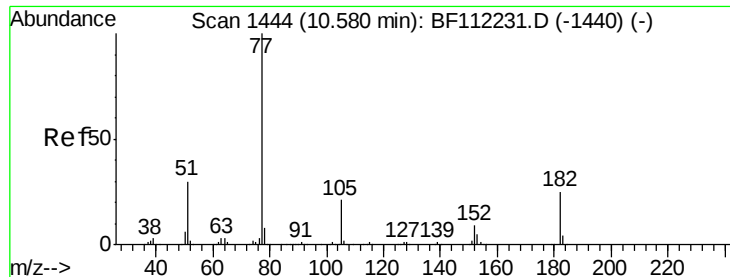
#62
4-Nitroaniline
Concen: 36.819 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:138 Resp: 222234
Ion Ratio Lower Upper
138 100
92 46.7 30.6 70.6
108 73.3 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

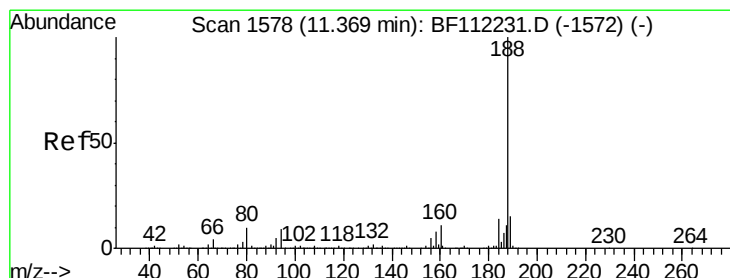
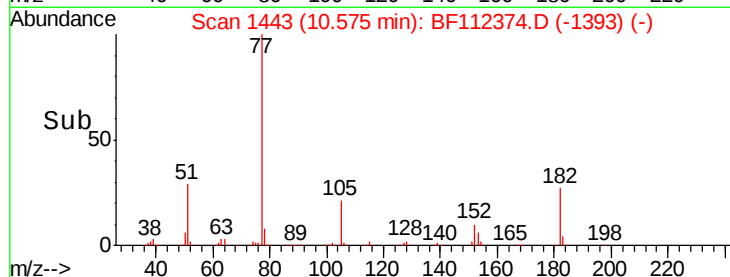
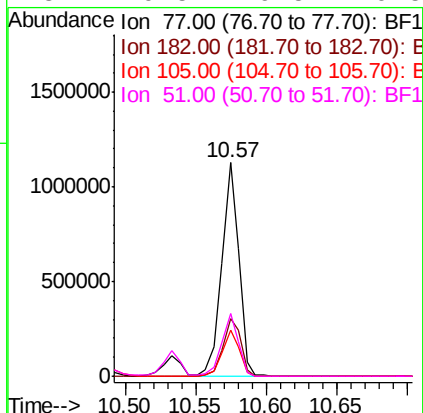
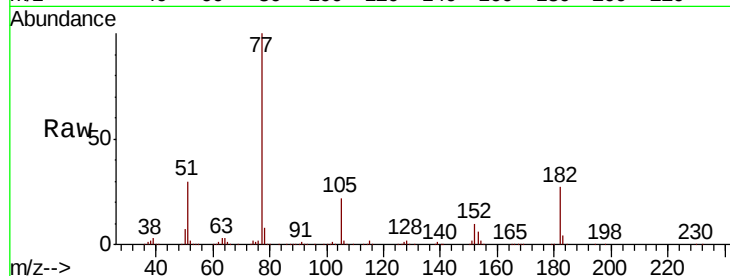




#63
Azobenzene
Concen: 42.799 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

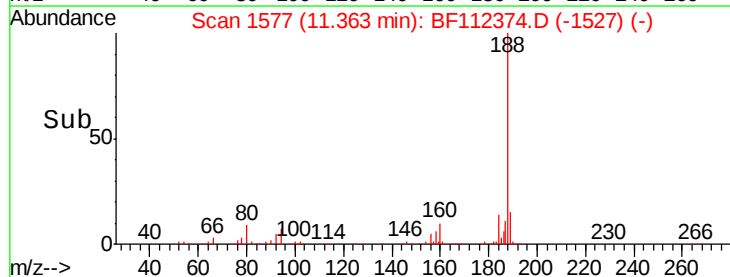
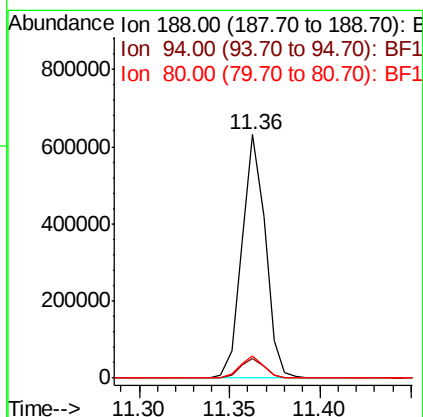
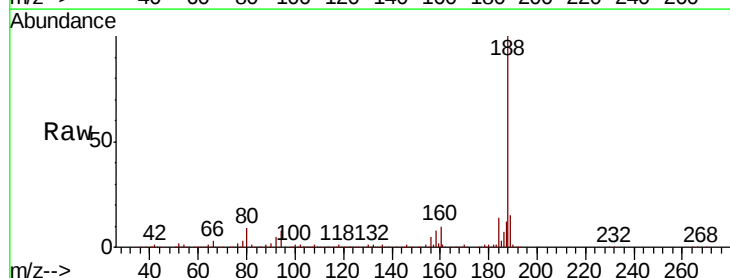
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

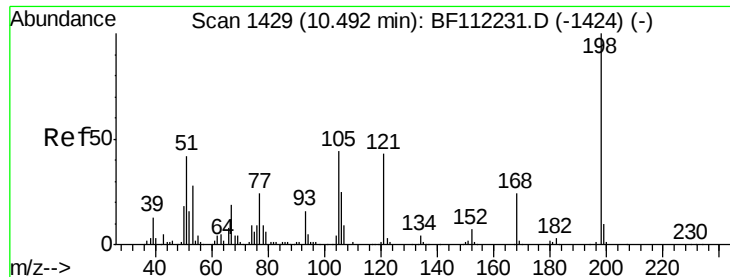
Tot Ion:	77	Resp:	947366
Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.7	45.7
105	21.8	1.4	41.4
51	29.5	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:	188	Resp:	567060
Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	9.1	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 29.029 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

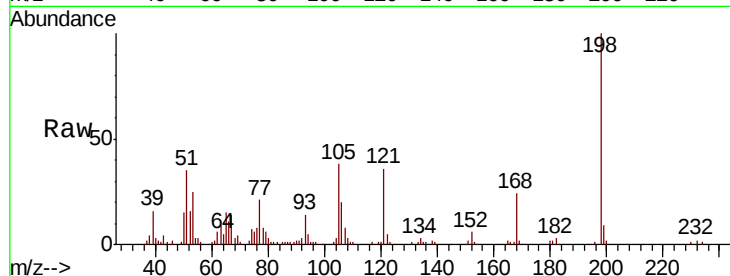
Tot Ion:198 Resp: 92293

Ion Ratio Lower Upper

198 100

51 35.2 17.2 57.2

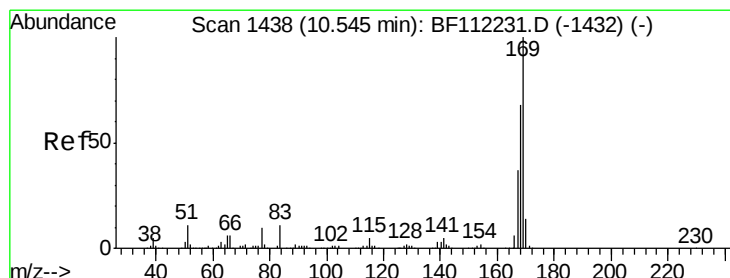
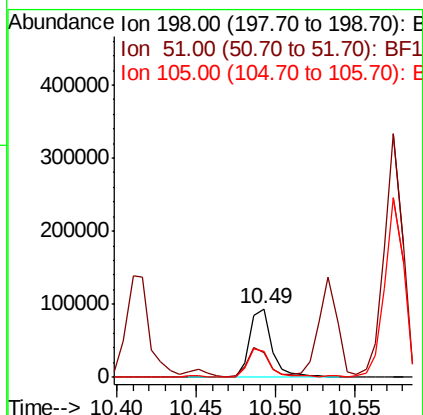
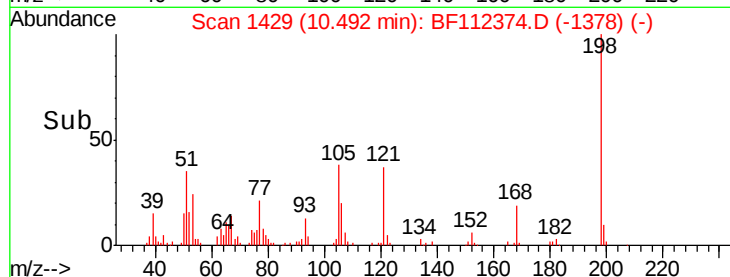
105 37.9 21.9 61.9



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: 47.177 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

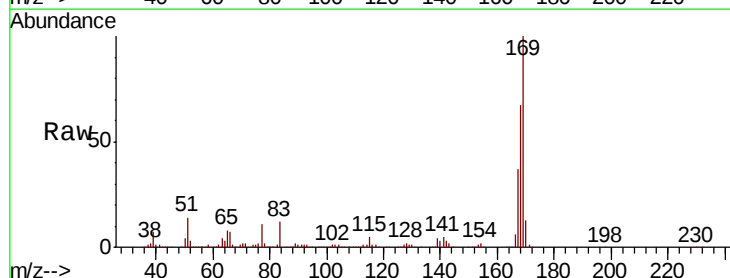
Tgt Ion:169 Resp: 901626

Ion Ratio Lower Upper

169 100

168 66.9 53.9 80.9

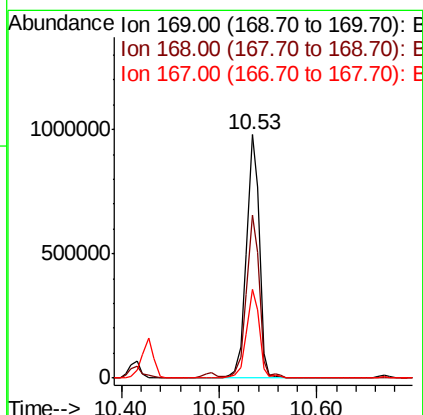
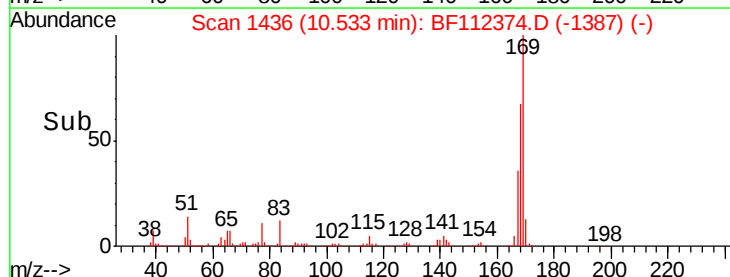
167 36.5 28.9 43.3

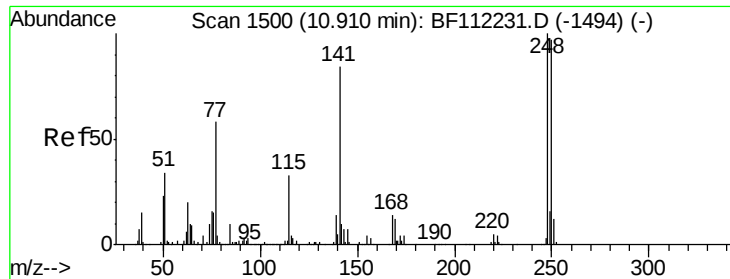


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

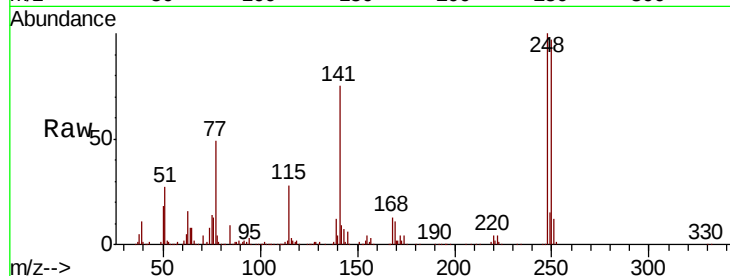




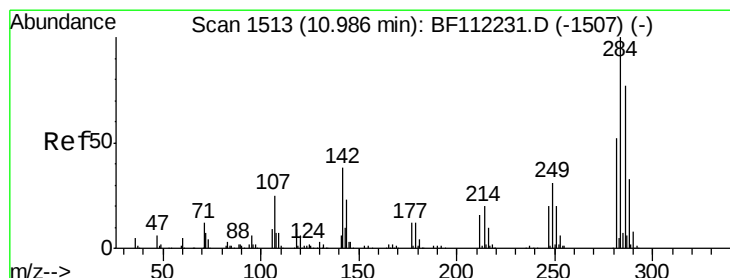
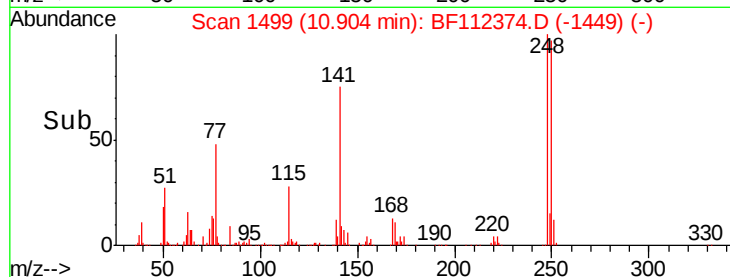
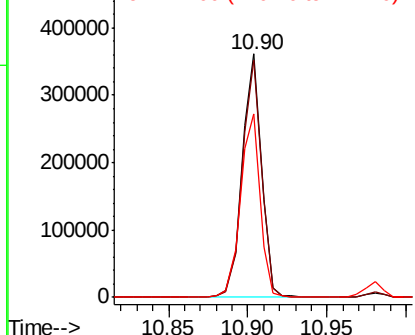
#67
4-Bromophenyl-phenylether
Concen: 45.675 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:248 Resp: 304629
Ion Ratio Lower Upper
248 100
250 97.2 79.7 119.5
141 75.2 60.3 90.5

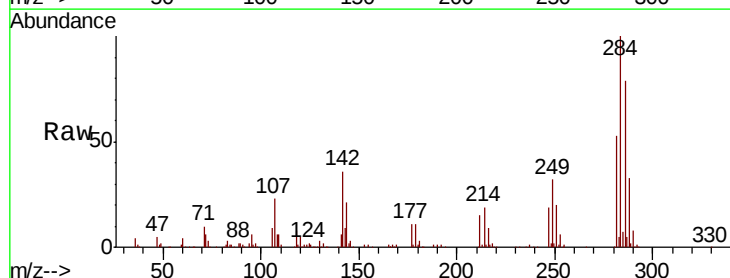


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

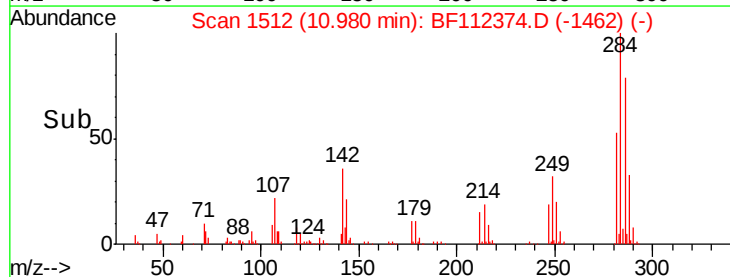
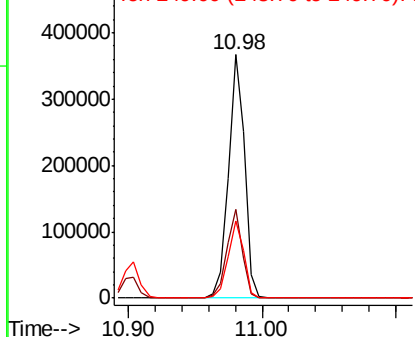


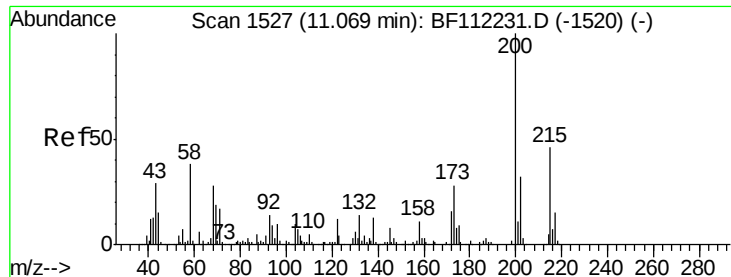
#68
Hexachlorobenzene
Concen: 43.836 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:284 Resp: 313671
Ion Ratio Lower Upper
284 100
142 36.4 27.6 41.4
249 31.5 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: 48.310 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

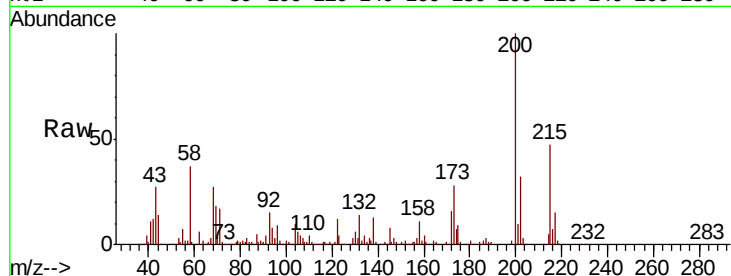
Tot Ion:200 Resp: 297916

Ion Ratio Lower Upper

200 100

173 27.7 7.1 47.1

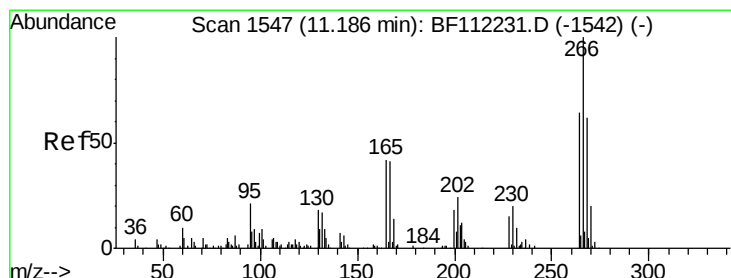
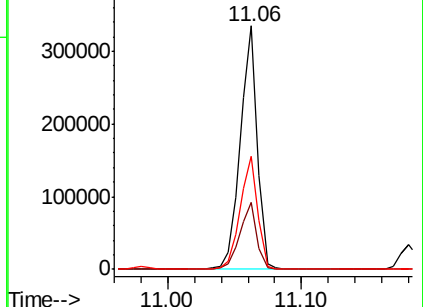
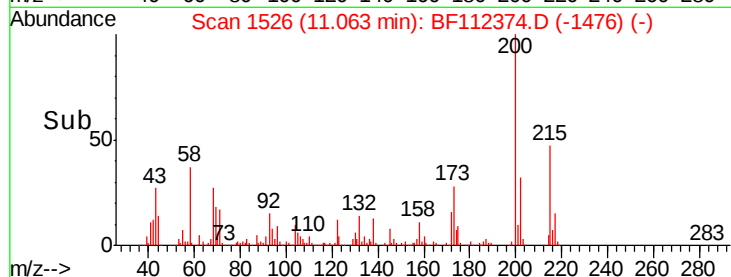
215 46.5 30.4 70.4



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: 74.049 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

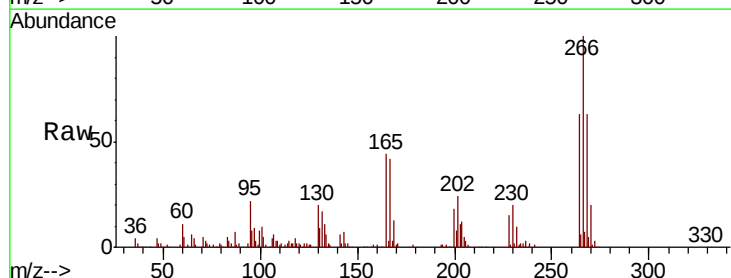
Tgt Ion:266 Resp: 206172

Ion Ratio Lower Upper

266 100

268 62.7 51.2 76.8

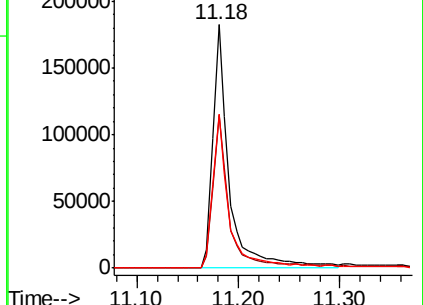
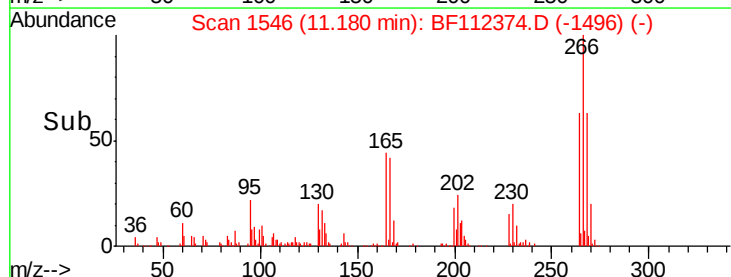
264 63.4 50.9 76.3

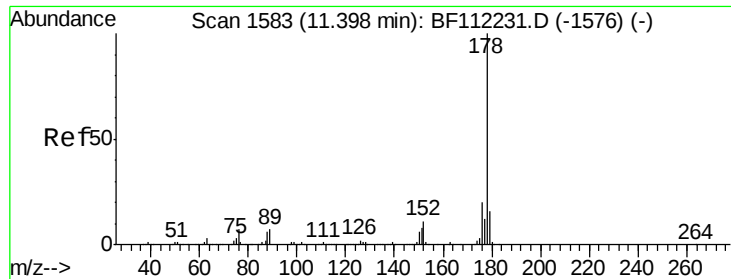


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.079 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

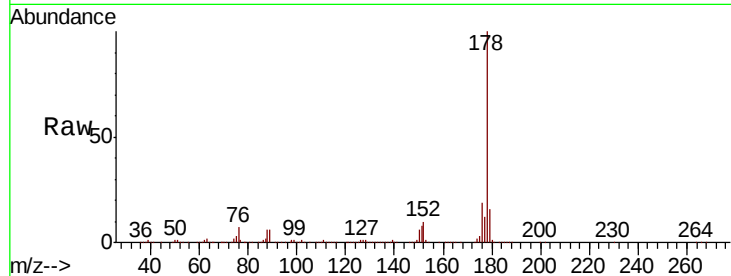
Tot Ion:178 Resp: 1328953

Ion Ratio Lower Upper

178 100

176 19.4 16.3 24.5

179 15.5 13.0 19.4

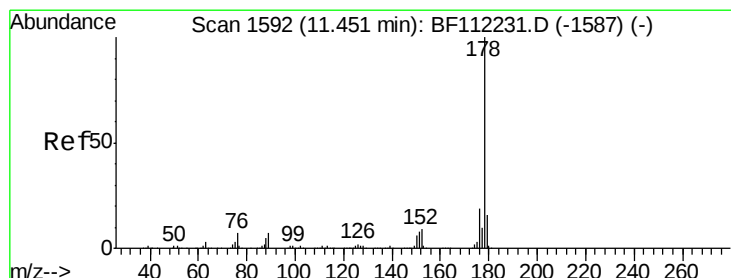
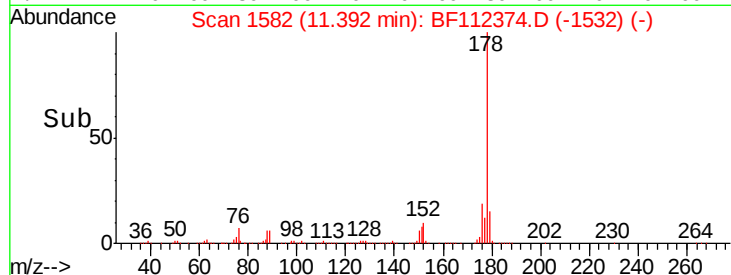
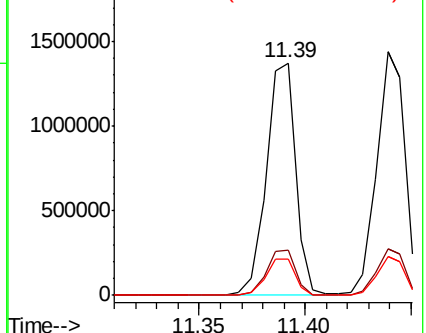


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.472 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

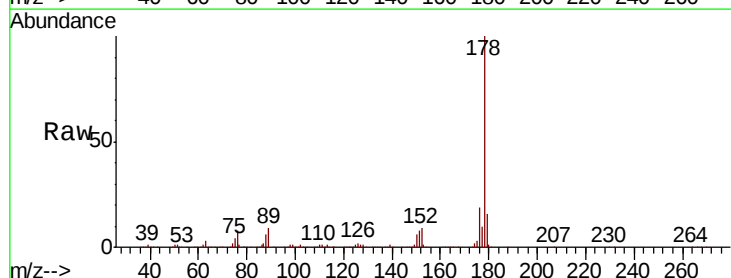
Tgt Ion:178 Resp: 1364716

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.9 12.8 19.2

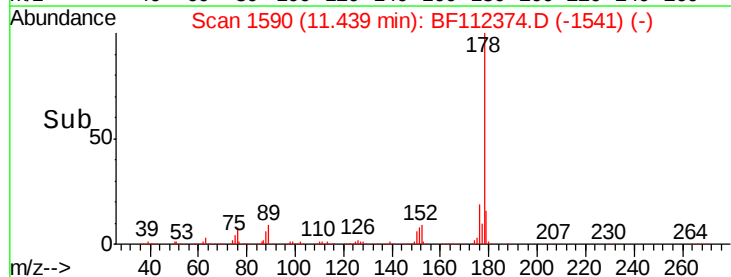
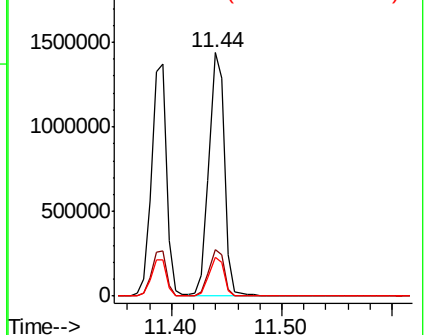


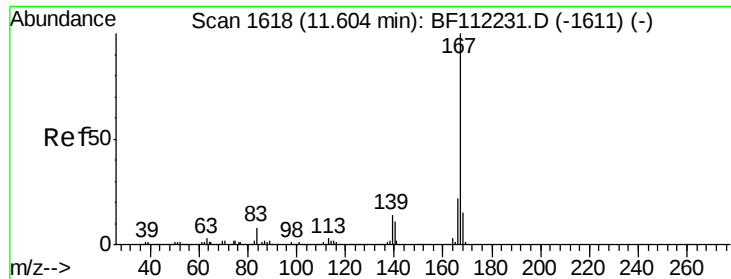
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



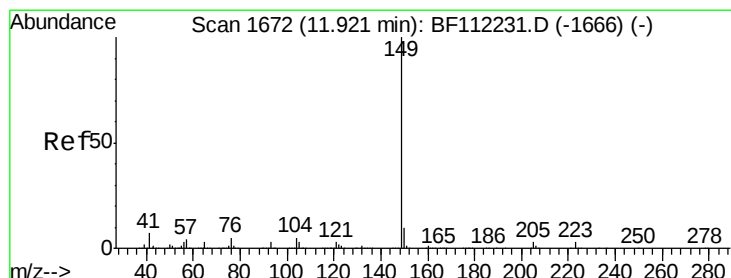
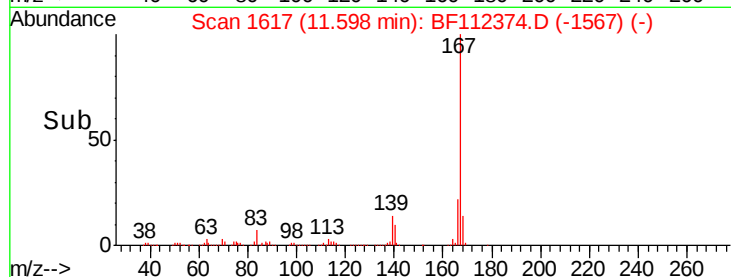
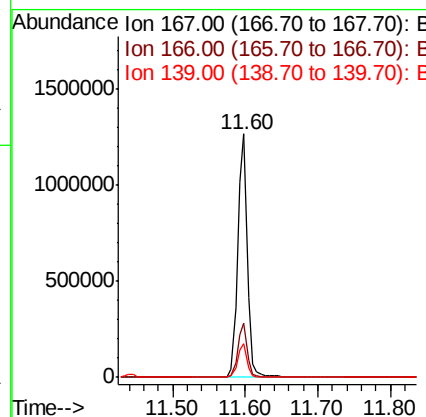
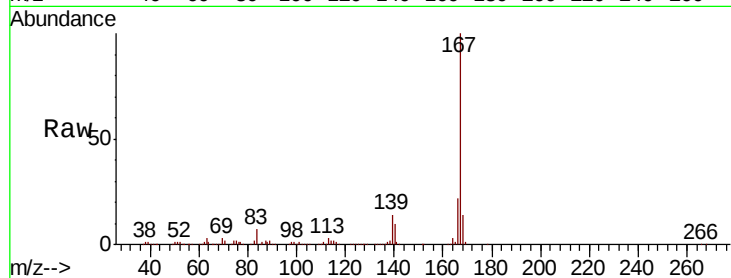


#73
 Carbazole
 Concen: 39.935 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BSD

Tot Ion:167 Resp: 1156829

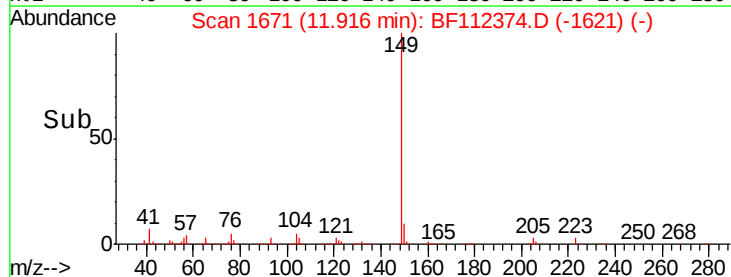
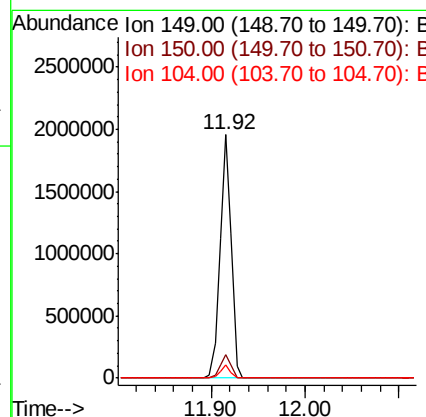
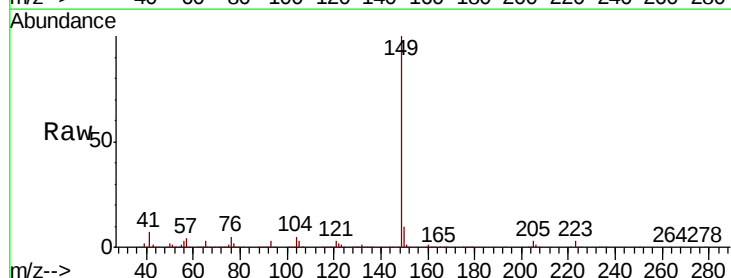
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.7	10.2	15.2

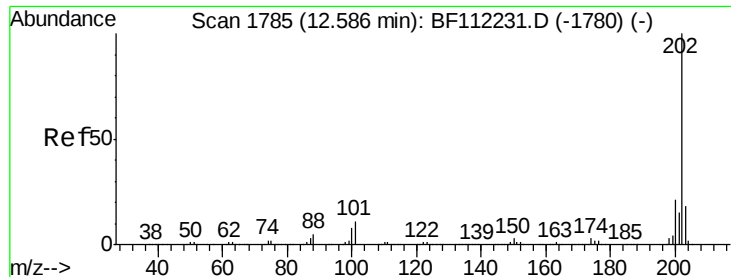


#74
 Di-n-butylphthalate
 Concen: 45.956 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112374.D
 Acq: 4 Feb 2019 10:33

Tgt Ion:149 Resp: 1652392

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 38.891 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

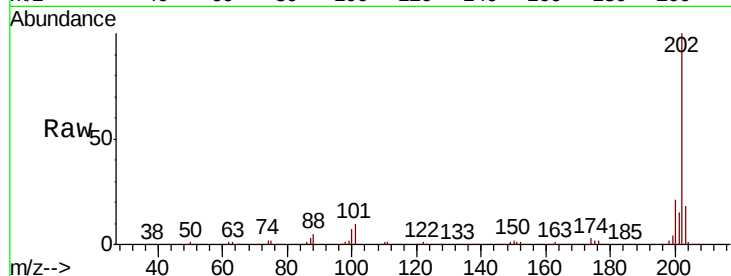
Tot Ion:202 Resp: 1229708

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.8

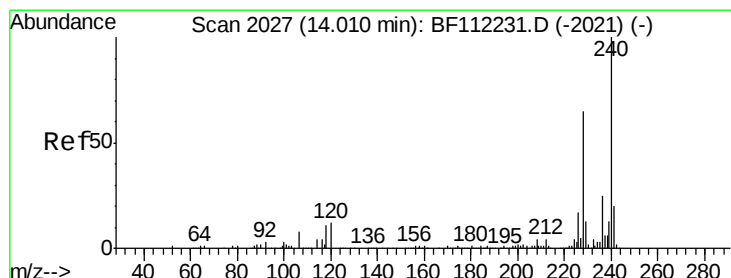
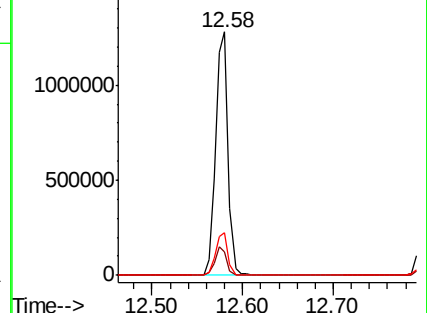
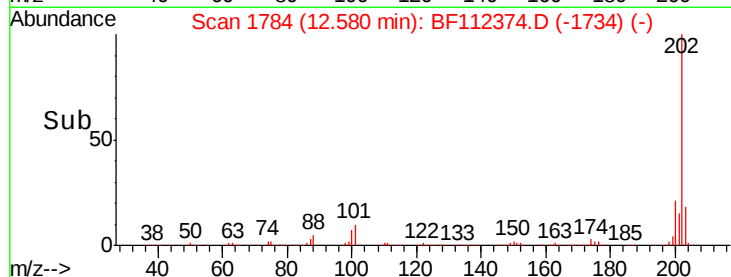
203 17.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

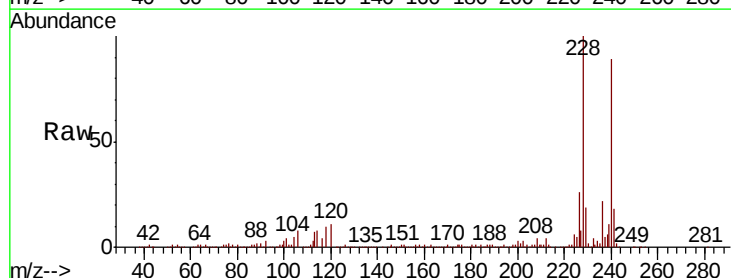
Tgt Ion:240 Resp: 373521

Ion Ratio Lower Upper

240 100

120 12.4 9.0 13.6

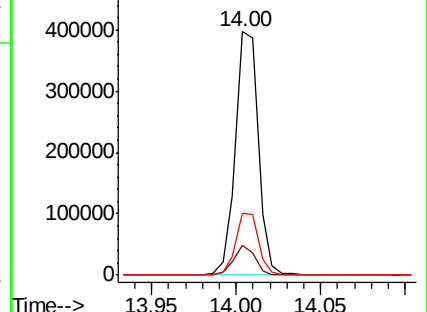
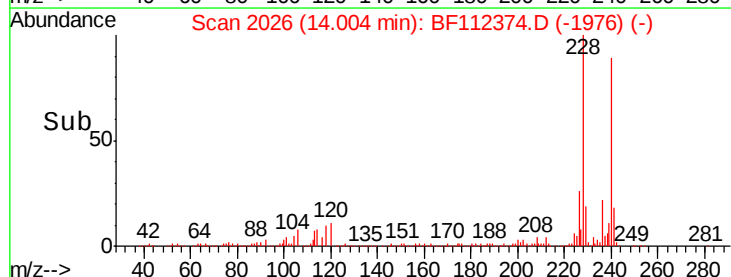
236 25.3 20.7 31.1

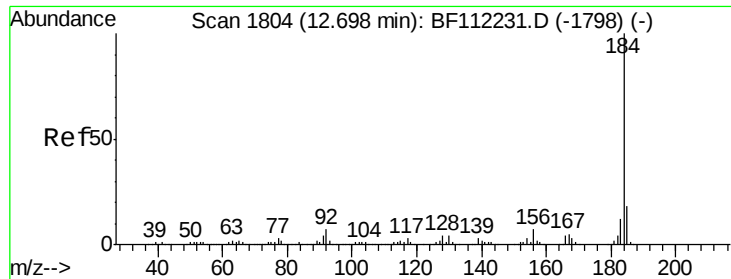


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.792 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

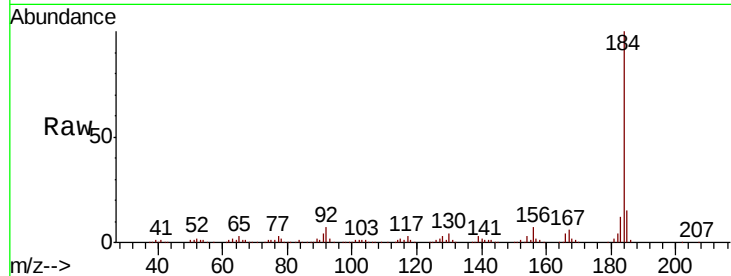
Tot Ion:184 Resp: 388520

Ion Ratio Lower Upper

184 100

185 14.6 13.9 20.9

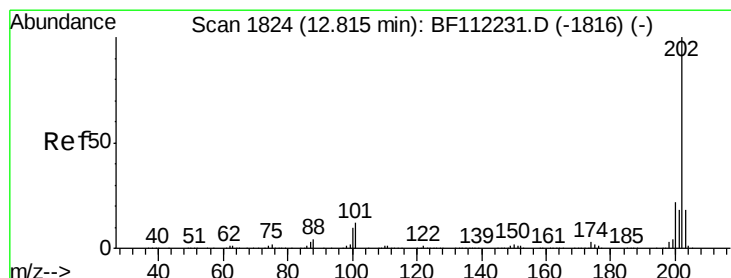
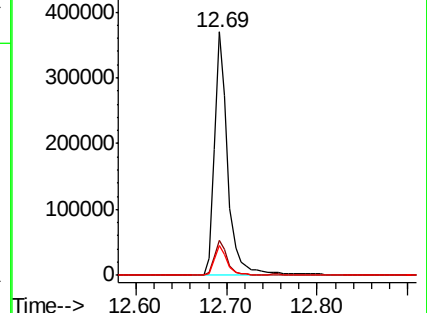
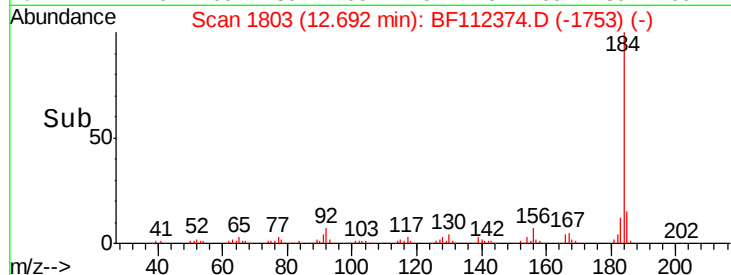
183 12.3 10.0 15.0



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: 46.667 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

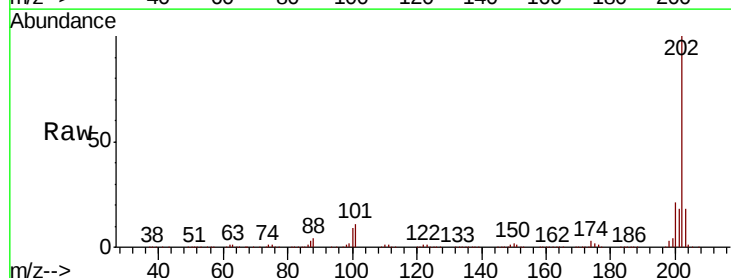
Tgt Ion:202 Resp: 1206843

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

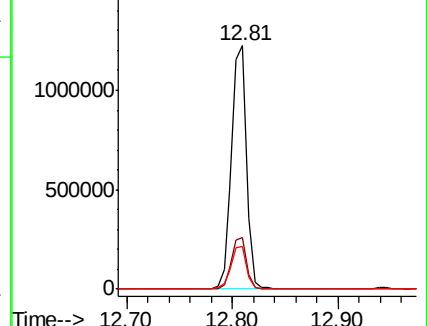
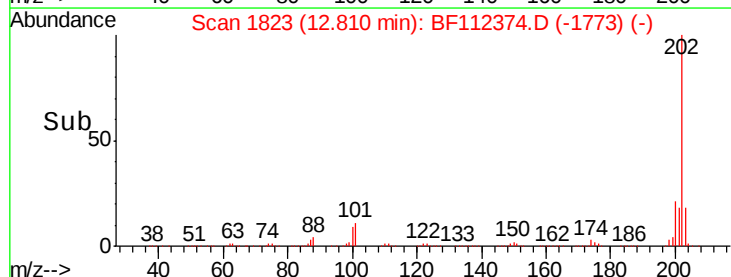
203 17.5 14.6 22.0

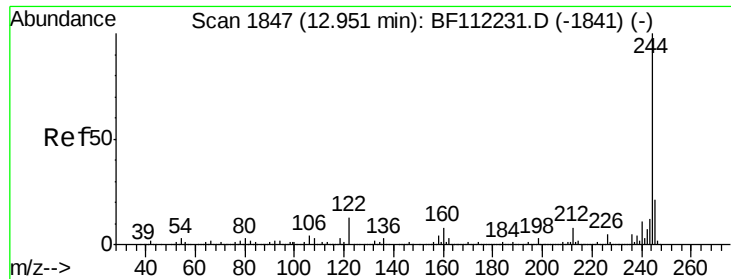


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.253 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

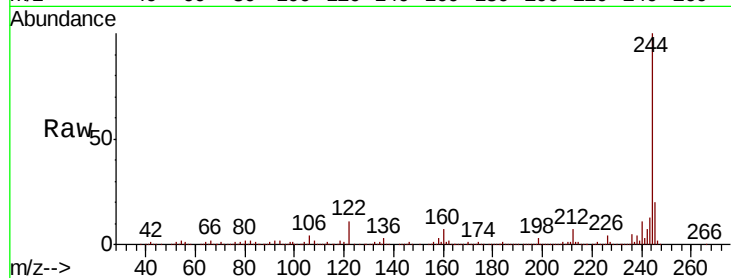
Tot Ion:244 Resp: 1532061

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

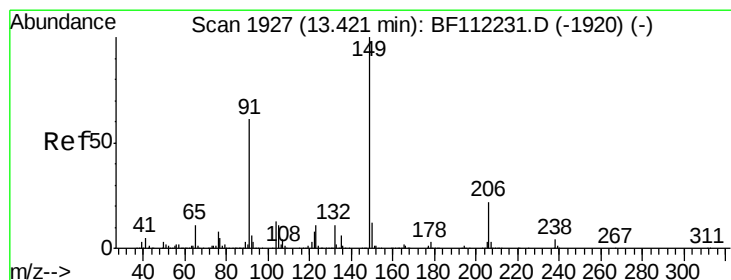
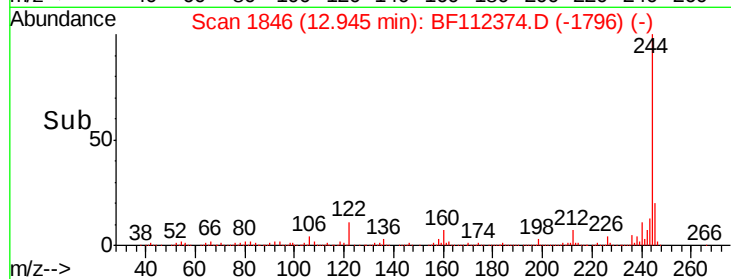
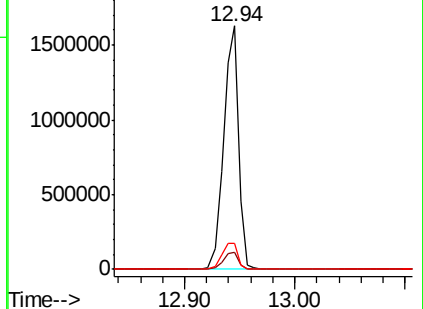
122 10.6 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.495 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

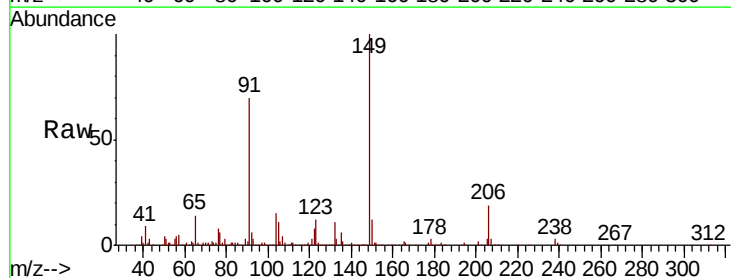
Tgt Ion:149 Resp: 581730

Ion Ratio Lower Upper

149 100

91 69.6 50.3 75.5

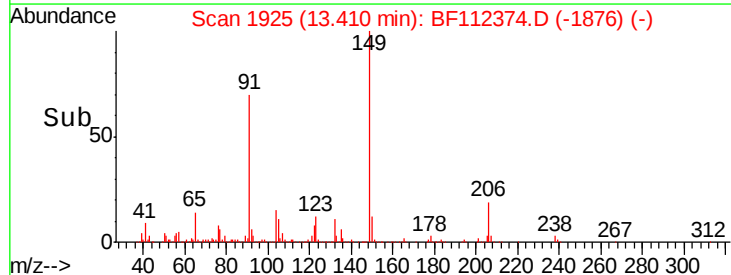
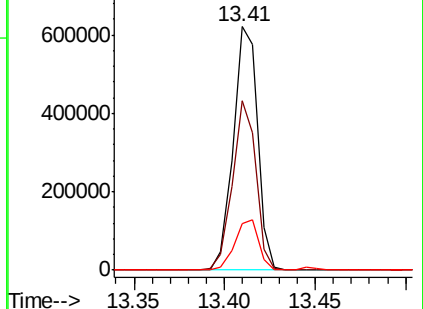
206 19.1 18.2 27.4

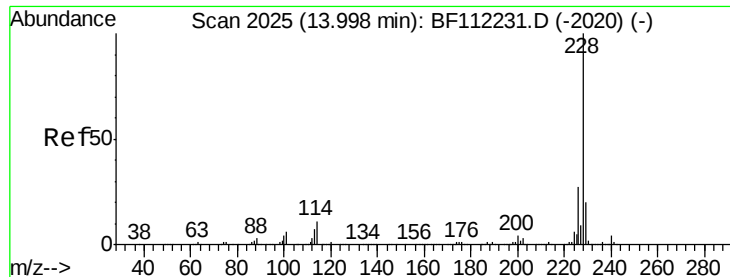


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.870 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

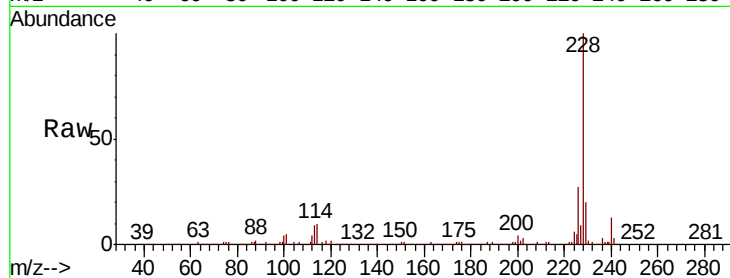
Tot Ion:228 Resp: 1029138

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	19.8	16.5	24.7

228 100

226 27.3 22.6 34.0

229 19.8 16.5 24.7

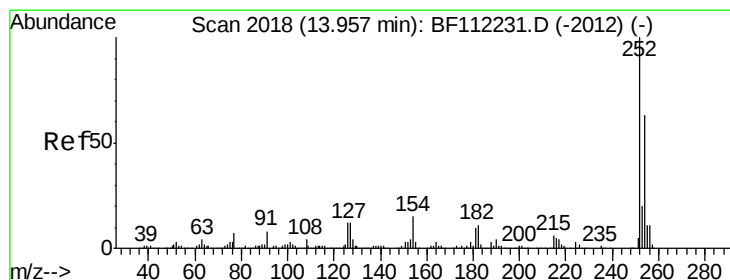
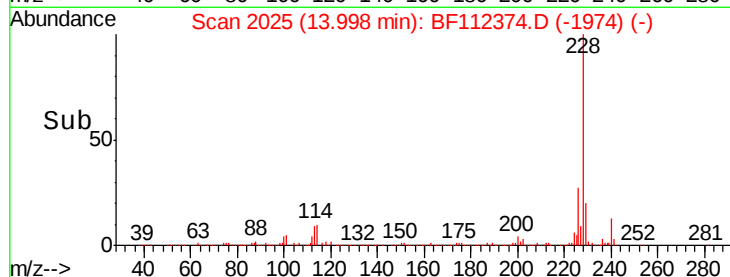
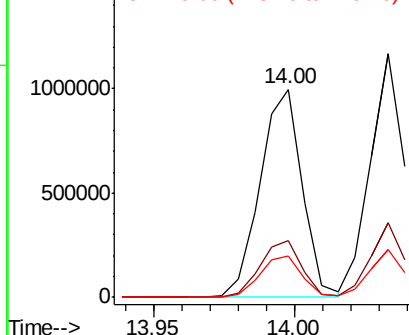


Abundance

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: 28.594 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

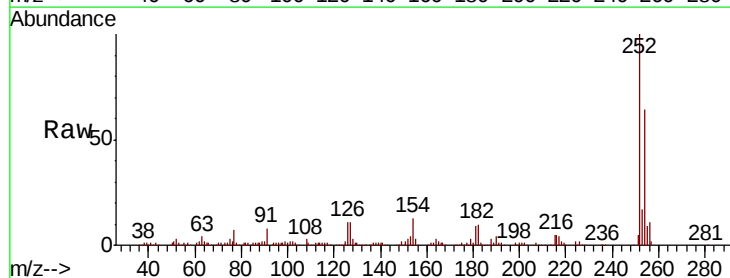
Tgt Ion:252 Resp: 234972

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.6	77.4
126	10.6	8.6	12.8

252 100

254 63.9 51.6 77.4

126 10.6 8.6 12.8

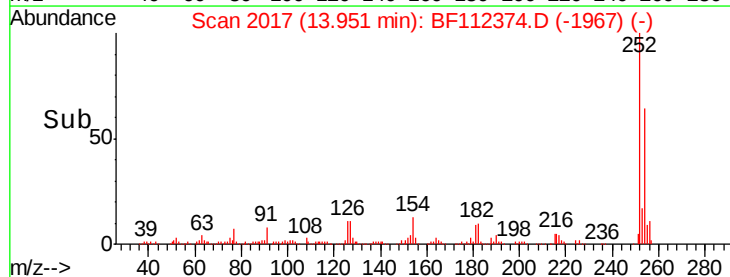
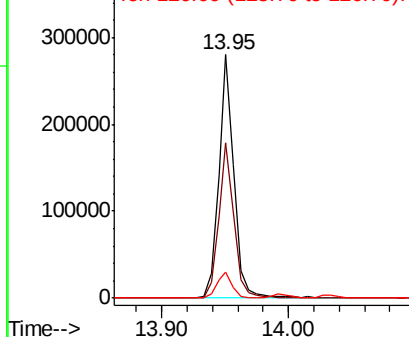


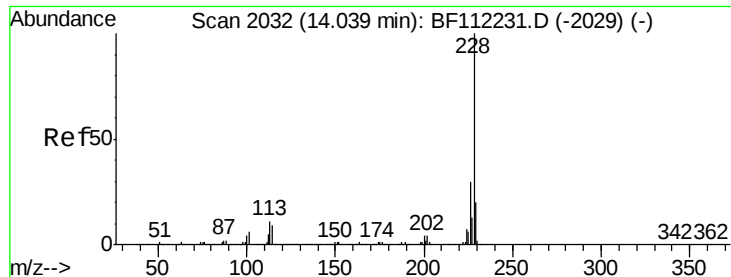
Abundance

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

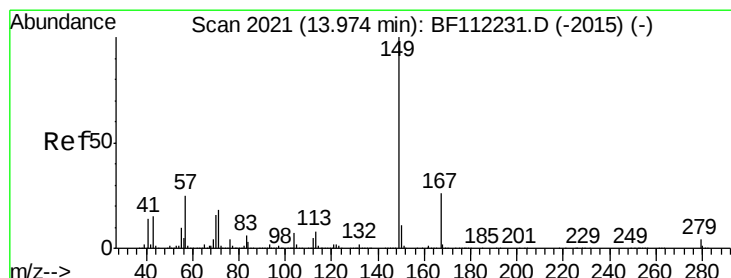
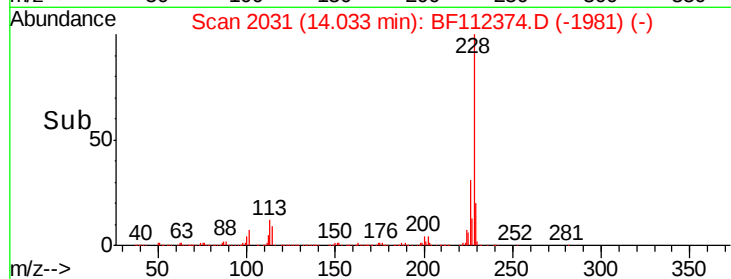
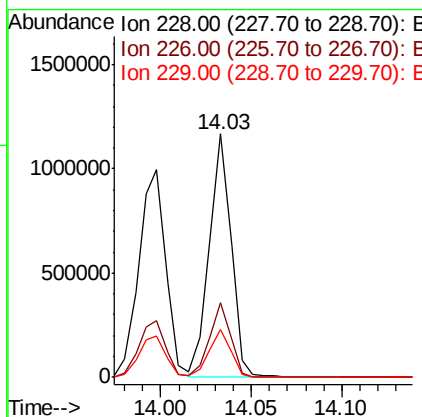
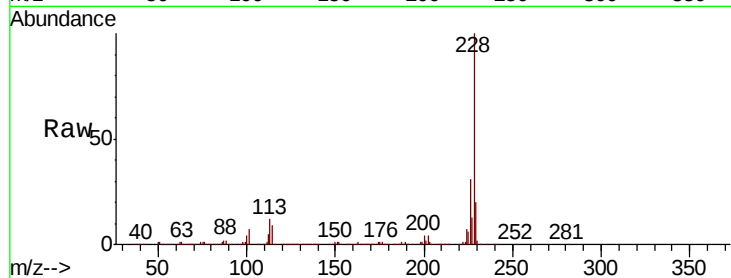




#83
Chrysene
Concen: 46.690 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

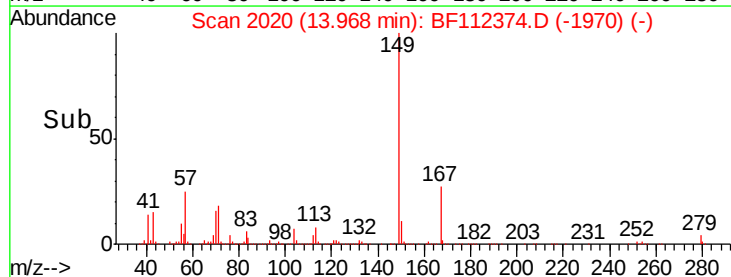
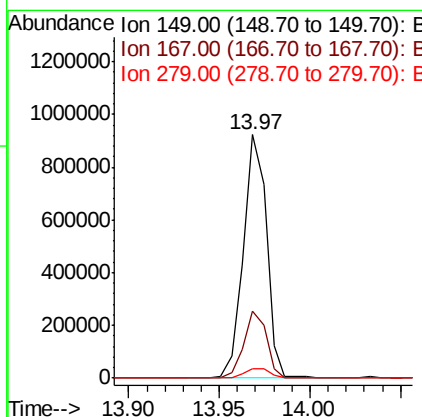
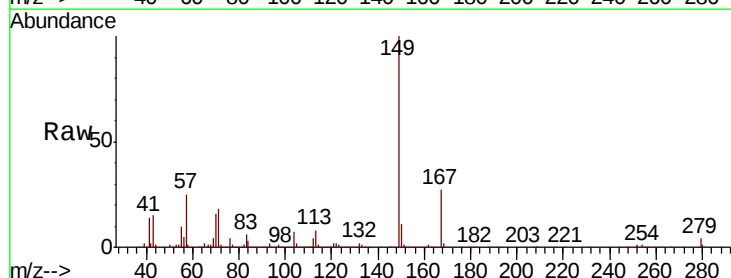
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.7	16.6	24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.094 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

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

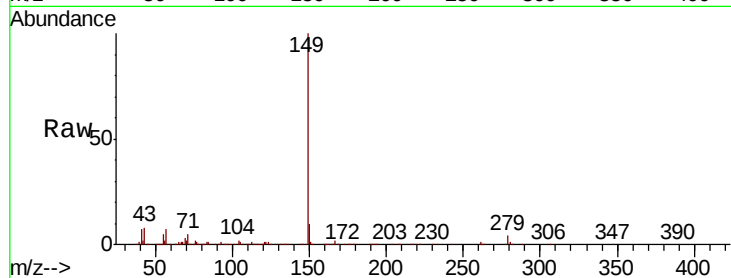




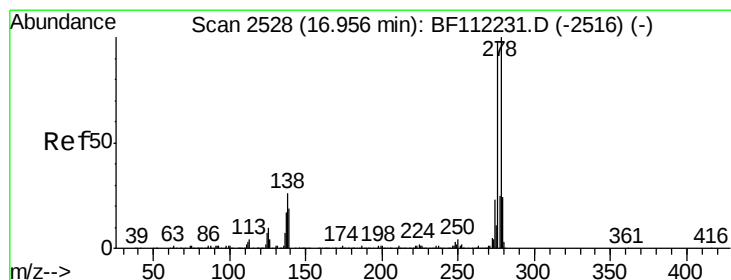
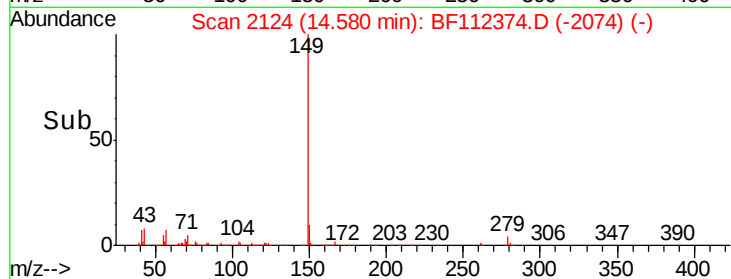
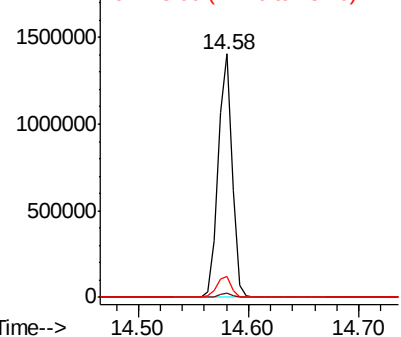
#85
Di-n-octyl phthalate
Concen: 45.595 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:149 Resp: 1245886
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.8 11.6

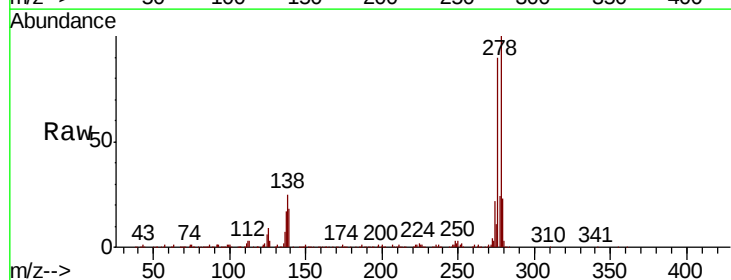


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

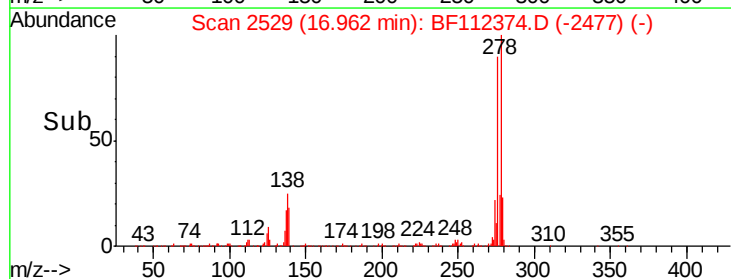
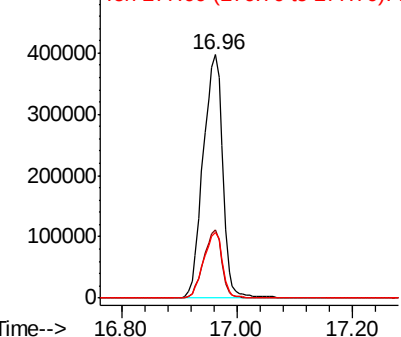


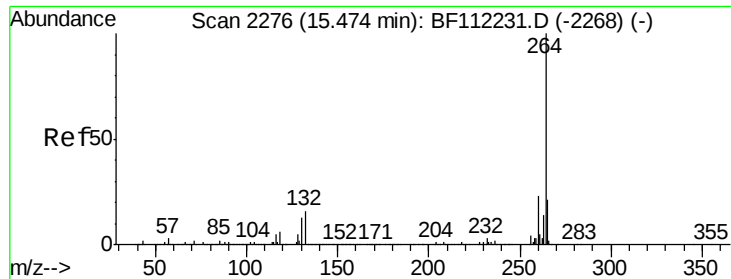
#86
Indeno(1,2,3-cd)pyrene
Concen: 56.634 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:276 Resp: 940580
Ion Ratio Lower Upper
276 100
138 26.2 22.6 34.0
277 25.8 20.3 30.5



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



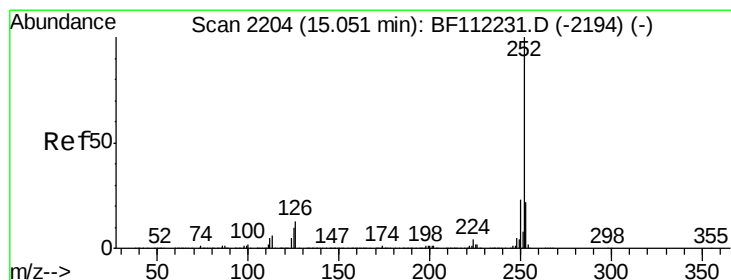
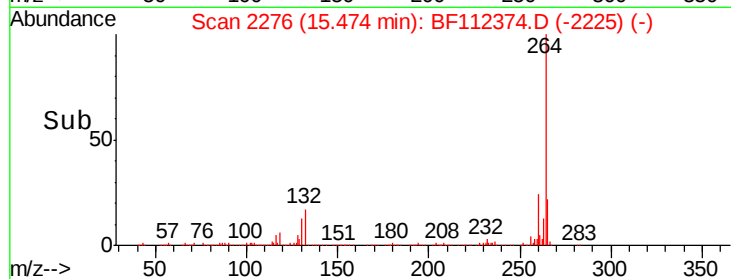
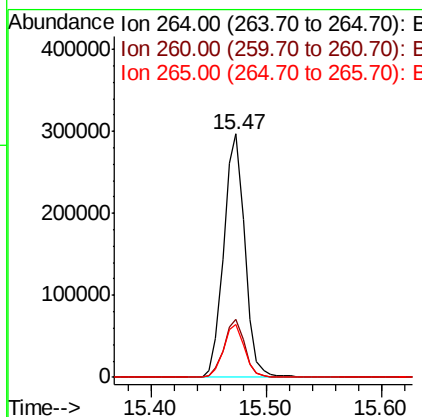
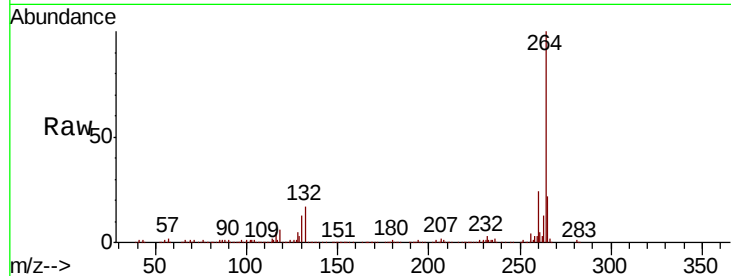


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Instrument :
BNA_F
ClientSampleId :
PB116745BSD

Tot Ion:264 Resp: 376743

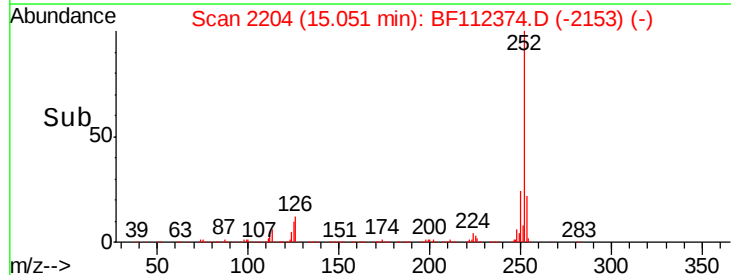
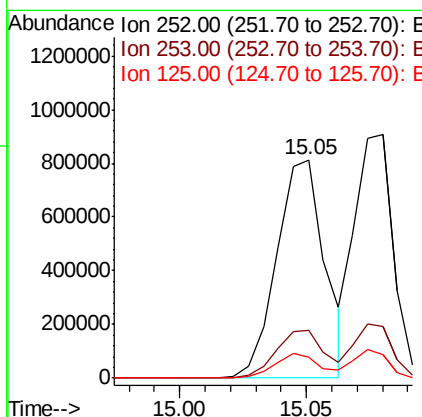
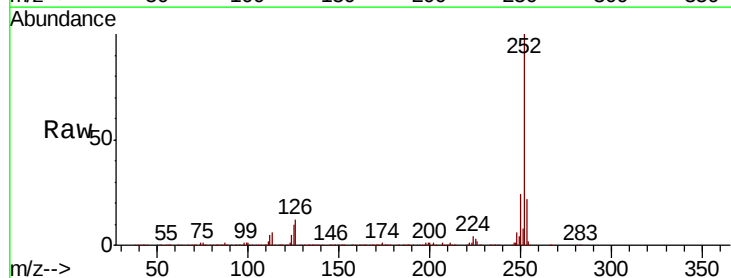
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.8	17.0	25.4

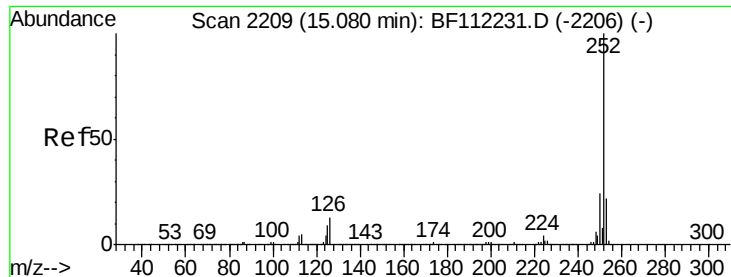


#88
Benzo(b)fluoranthene
Concen: 47.408 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:252 Resp: 1068140

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.6	8.7	13.1

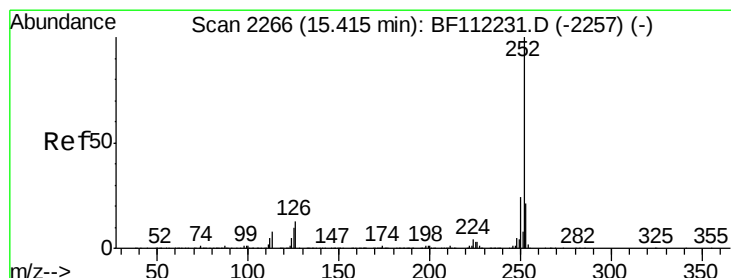
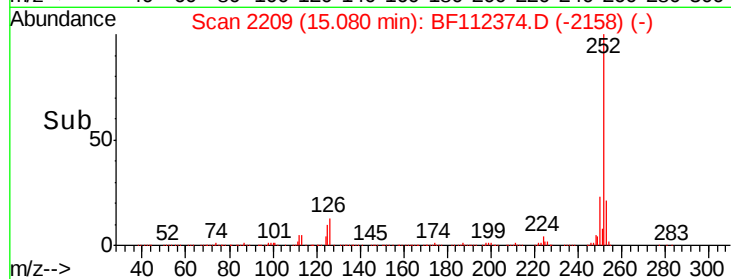
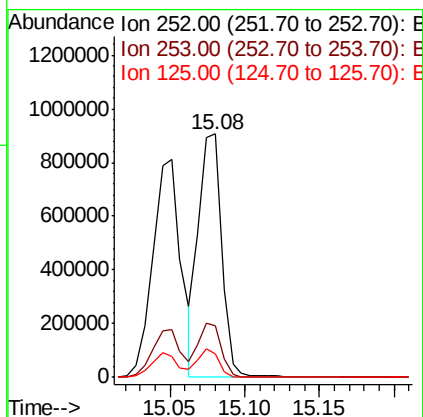
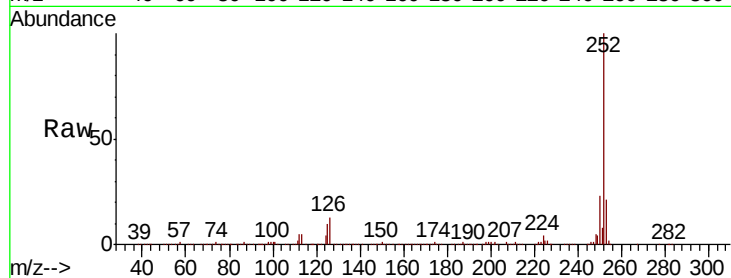




#89
Benzo(k)fluoranthene
Concen: 45.027 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

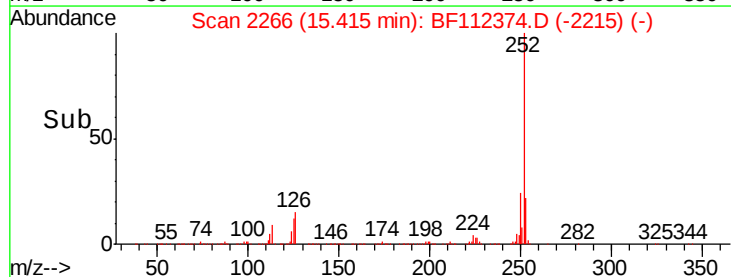
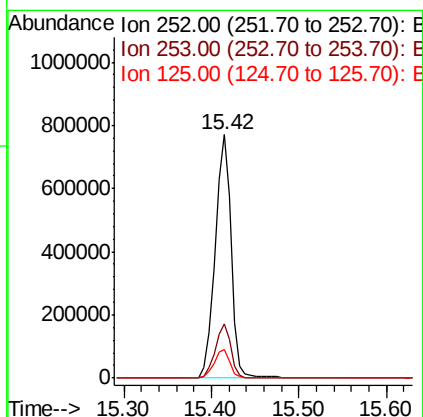
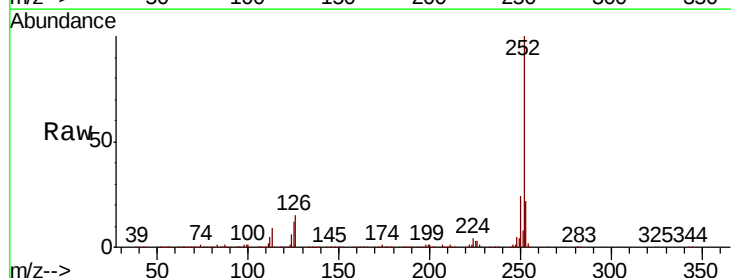
Instrument :
BNA_F
ClientSampleId :
PB116745BSD

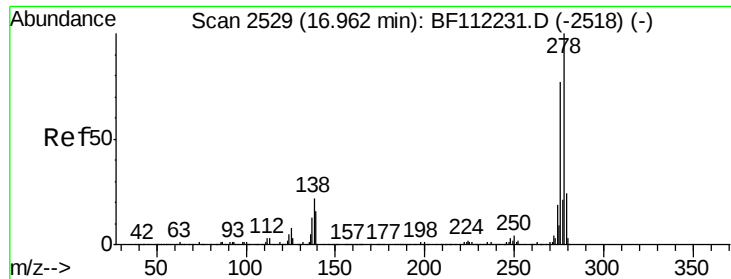
Tot Ion:252 Resp: 971754
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 9.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.179 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112374.D
Acq: 4 Feb 2019 10:33

Tgt Ion:252 Resp: 976733
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 49.561 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

Instrument :

BNA_F

ClientSampleId :

PB116745BSD

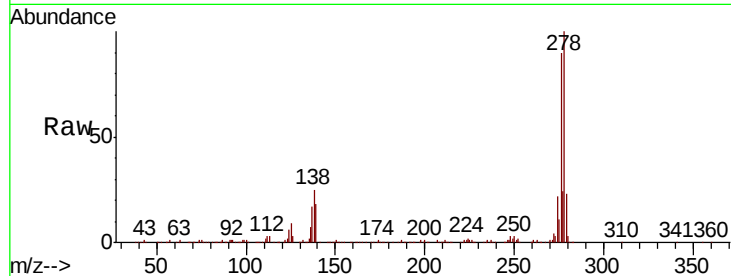
Tot Ion:278 Resp: 809788

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

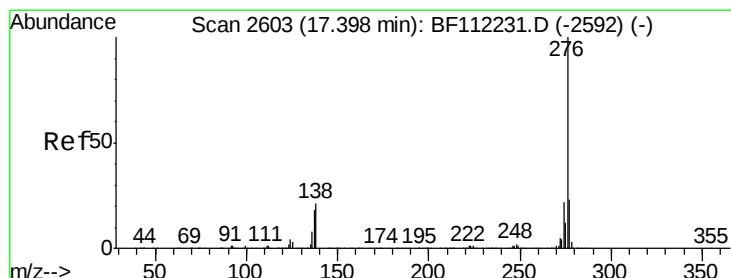
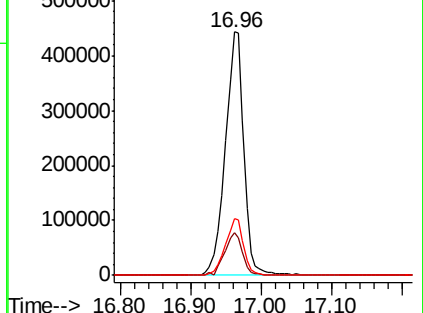
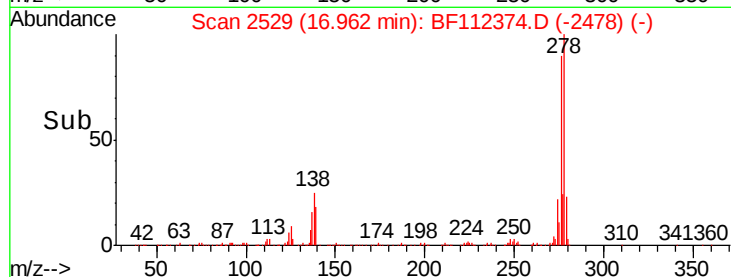
279 23.4 19.0 28.6



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: 48.427 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BF112374.D

Acq: 4 Feb 2019 10:33

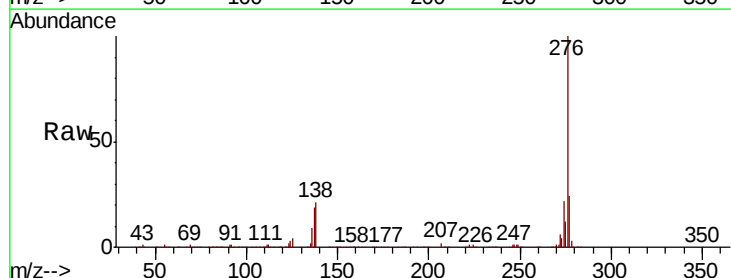
Tgt Ion:276 Resp: 746507

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 21.4 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

