

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112398.D
 Acq On : 5 Feb 2019 16:21
 Operator : JU/SJ
 Sample : K1350-03MSD 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 16:55:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	172499	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	636226	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	278831	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	445348	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	321162	20.00	ng	-0.01
87) Perylene-d12	15.47	264	271309	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	709847	87.41	ng	-0.01
7) Phenol-d6	6.48	99	868636	76.97	ng	-0.01
23) Nitrobenzene-d5	7.39	82	540417	48.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	215405	66.37	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	987498	50.09	ng	-0.02
79) Terphenyl-d14	12.93	244	747337	43.83	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	78694	24.325	ng	97
3) Pyridine	3.38	79	217604	26.442	ng	96
4) n-Nitrosodimethylamine	3.31	42	112815	32.630	ng	88
6) Aniline	6.49	93	179086	13.341	ng	# 1
8) 2-Chlorophenol	6.62	128	274399	25.116	ng	96
9) Benzaldehyde	6.38	77	134065	22.729	ng	97
10) Phenol	6.49	94	319283	25.789	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	236816	24.296	ng	98
12) 1,3-Dichlorobenzene	6.77	146	291847	22.938	ng	98
13) 1,4-Dichlorobenzene	6.85	146	299535	22.875	ng	99
14) 1,2-Dichlorobenzene	7.00	146	286335	23.355	ng	98
15) Benzyl Alcohol	6.97	79	221350	23.269	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	301312	24.076	ng	# 46
17) 2-Methylphenol	7.10	107	207907	24.006	ng	# 92
18) Hexachloroethane	7.34	117	97453	21.194	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	181506	23.326	ng	99
20) 3+4-Methylphenols	7.25	107	272976	24.649	ng	# 65
22) Acetophenone	7.24	105	367116	23.697	ng	# 93
24) Nitrobenzene	7.42	77	266828	24.196	ng	94
25) Isophorone	7.65	82	467362	26.980	ng	100
26) 2-Nitrophenol	7.73	139	143466	24.344	ng	98
27) 2,4-Dimethylphenol	7.77	122	225321	27.750	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	301736	25.582	ng	97
29) 2,4-Dichlorophenol	7.99	162	223585	24.607	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	249966	23.933	ng	98
31) Naphthalene	8.13	128	767172	25.785	ng	99
32) Benzoic acid	7.87	122	17469	3.772	ng	96
33) 4-Chloroaniline	8.19	127	116665	9.005	ng	97
34) Hexachlorobutadiene	8.25	225	138567	22.608	ng	99
35) Caprolactam	8.55	113	64245	20.043	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	213704	22.217	ng	98
37) 2-Methylnaphthalene	8.83	142	522052	25.631	ng	97
38) 1-Methylnaphthalene	8.93	142	484762	24.831	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	233231	25.476	ng	99

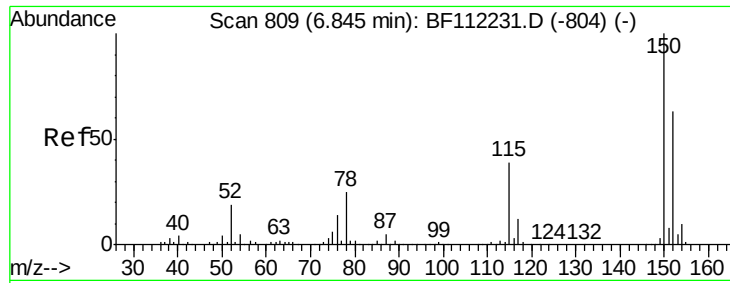
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	23376	15.441	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	147676	26.169	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	148976	25.259	ng	96
46) 1,1'-Biphenyl	9.29	154	615681	25.257	ng	97
47) 2-Chloronaphthalene	9.32	162	462329	24.458	ng	97
48) 2-Nitroaniline	9.42	65	124679	24.199	ng	96
49) Acenaphthylene	9.73	152	710137	25.631	ng	97
50) Dimethylphthalate	9.59	163	631514	29.151	ng	99
51) 2,6-Dinitrotoluene	9.65	165	118497	24.423	ng #	81
52) Acenaphthene	9.90	154	409064	24.715	ng	99
53) 3-Nitroaniline	9.83	138	84945	16.160	ng	94
54) 2,4-Dinitrophenol	9.95	184	8821	5.665	ng #	87
55) Dibenzofuran	10.07	168	607166	24.006	ng	95
56) 4-Nitrophenol	10.01	139	116093	41.775	ng	95
57) 2,4-Dinitrotoluene	10.06	165	145437	23.546	ng #	88
58) Fluorene	10.42	166	481978	25.465	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	111189	24.947	ng #	96
60) Diethylphthalate	10.29	149	527521	24.537	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	233969	22.725	ng	92
62) 4-Nitroaniline	10.44	138	98331	19.072	ng	94
63) Azobenzene	10.57	77	421836	22.310	ng	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	16381	6.561	ng	95
66) n-Nitrosodiphenylamine	10.52	169	418816	27.903	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	136192	26.001	ng	94
68) Hexachlorobenzene	10.97	284	134149	23.871	ng	97
69) Atrazine	11.05	200	125697	25.954	ng	98
70) Pentachlorophenol	11.17	266	93581	42.797	ng	99
71) Phenanthrene	11.38	178	630546	27.234	ng	98
72) Anthracene	11.43	178	615893	26.704	ng	98
73) Carbazole	11.59	167	514385	22.610	ng	99
74) Di-n-butylphthalate	11.91	149	766981	27.161	ng	99
75) Fluoranthene	12.57	202	585586	23.581	ng	98
77) Benzidine	12.69	184	152926	17.300	ng	97
78) Pyrene	12.80	202	590376	26.551	ng	98
80) Butylbenzylphthalate	13.40	149	249019	23.148	ng	91
81) Benzo(a)anthracene	13.99	228	501172	26.546	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	115430	16.337	ng	99
83) Chrysene	14.03	228	467273	25.929	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	360623	23.615	ng #	98
85) Di-n-octyl phthalate	14.57	149	588947	25.067	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	361385	25.307	ng	97
88) Benzo(b)fluoranthene	15.04	252	469124	28.913	ng	99
89) Benzo(k)fluoranthene	15.07	252	390255	25.110	ng	99
90) Benzo(a)pyrene	15.41	252	393907	26.981	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	304142	25.848	ng	99
92) Benzo(g,h,i)perylene	17.40	276	290099	26.132	ng	97

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

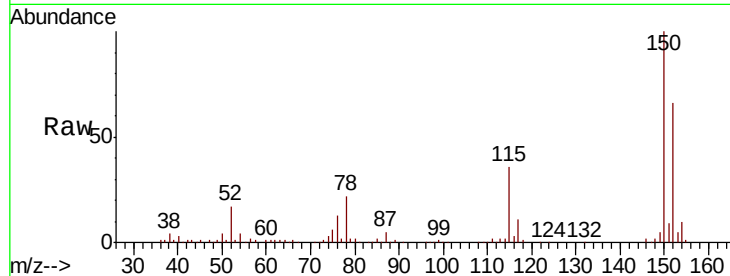


#1

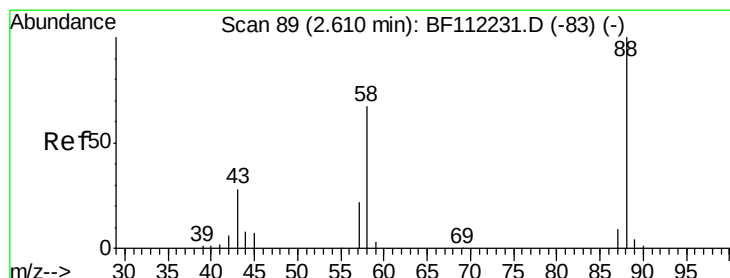
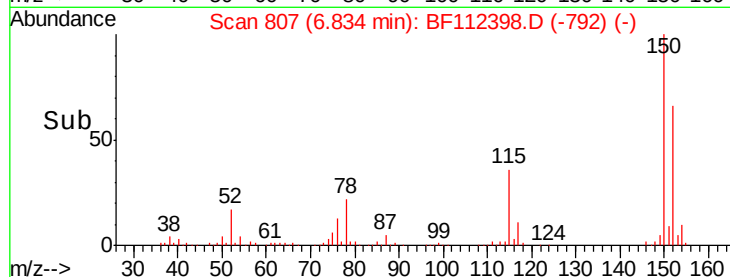
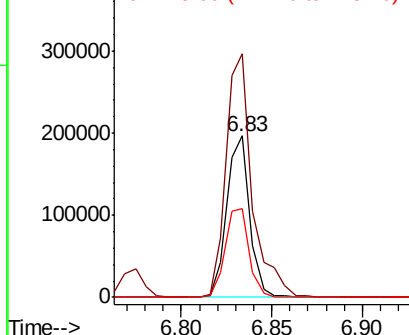
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	127.4	191.0
115	54.9	45.5	68.3



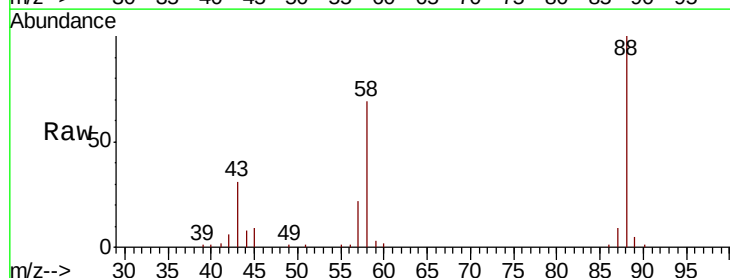
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



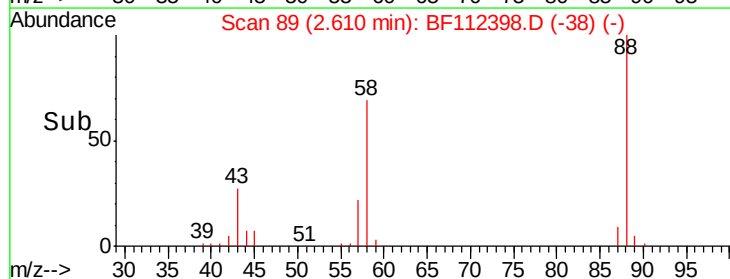
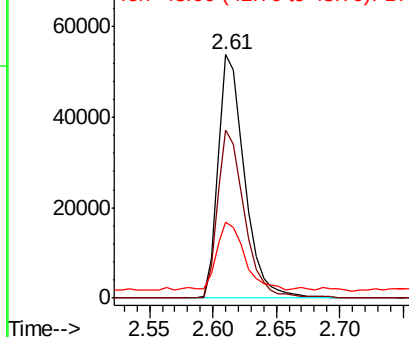
#2

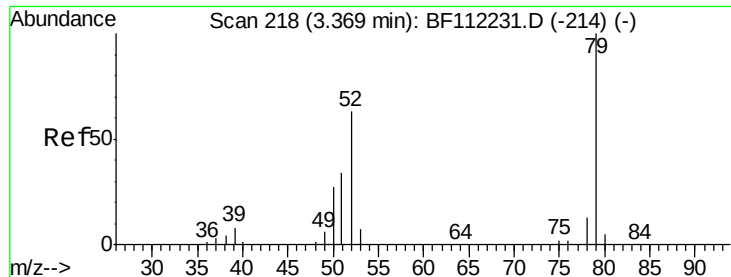
1,4-Dioxane
Concen: 24.325 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	57.4	86.2
43	30.0	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: 26.442 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

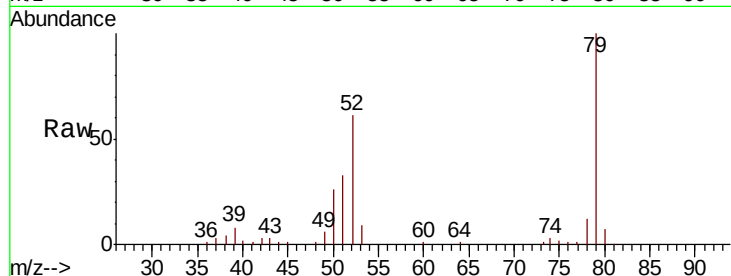
Tot Ion: 79 Resp: 217604

Ion Ratio Lower Upper

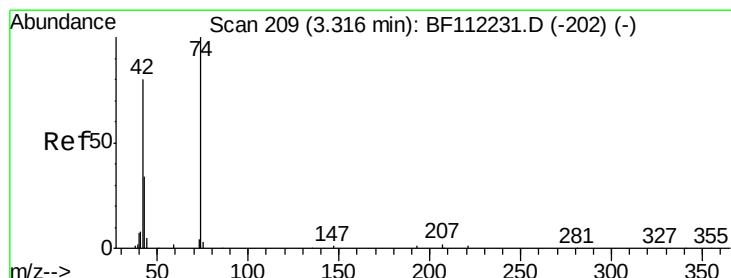
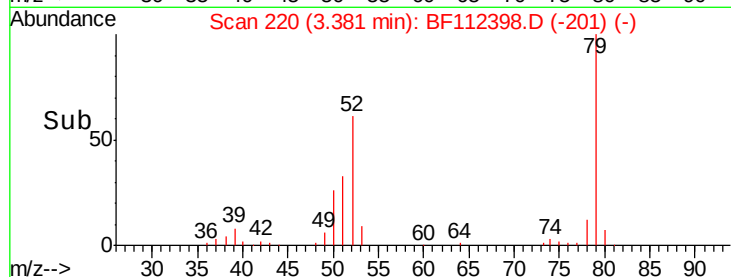
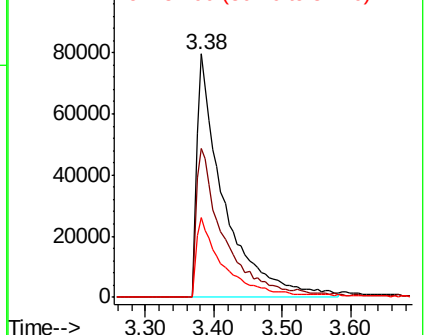
79 100

52 61.4 52.4 78.6

51 32.8 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: 32.630 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

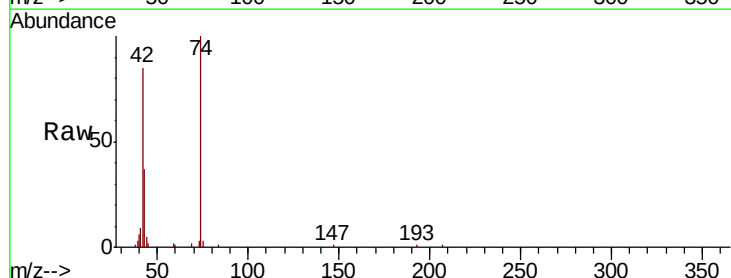
Tgt Ion: 42 Resp: 112815

Ion Ratio Lower Upper

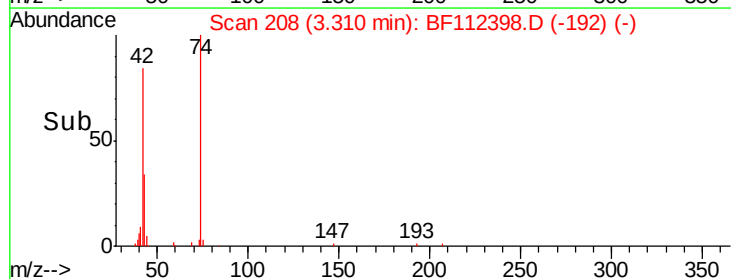
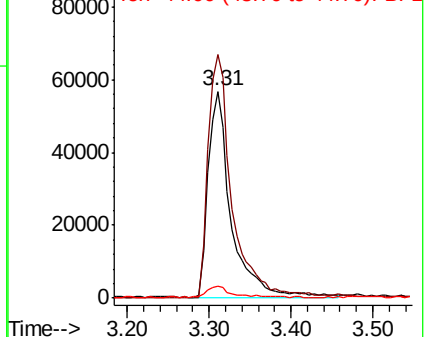
42 100

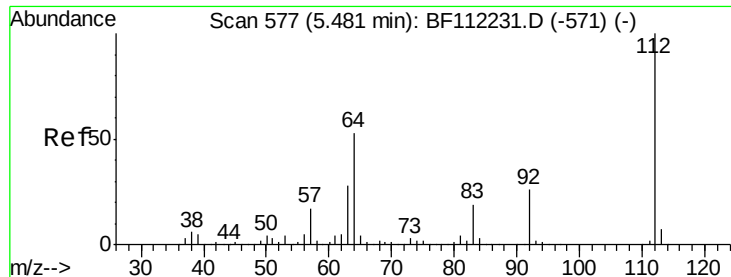
74 117.6 105.6 158.4

44 5.6 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: 87.407 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampled :

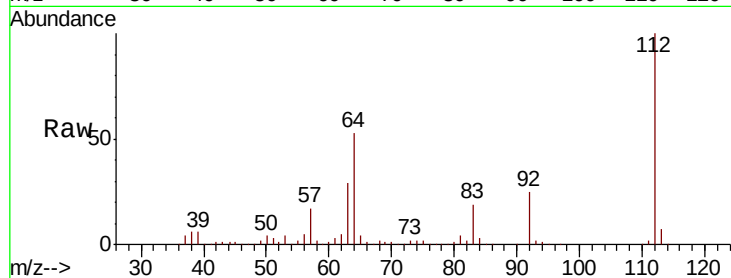
Tot Ion:112 Resp: 709847

Ion Ratio Lower Upper

112 100

64 53.1 45.7 68.5

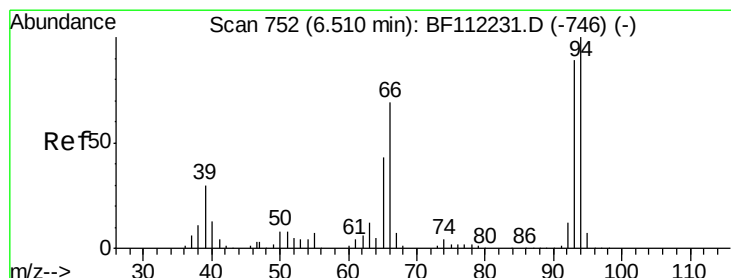
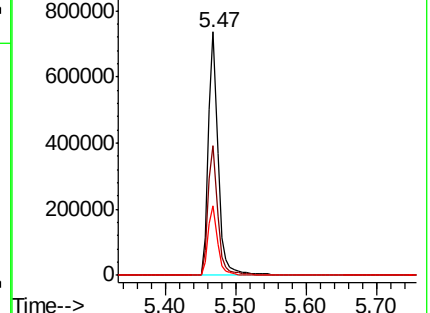
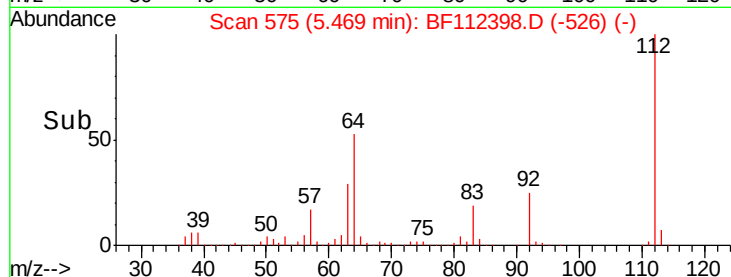
63 28.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.341 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

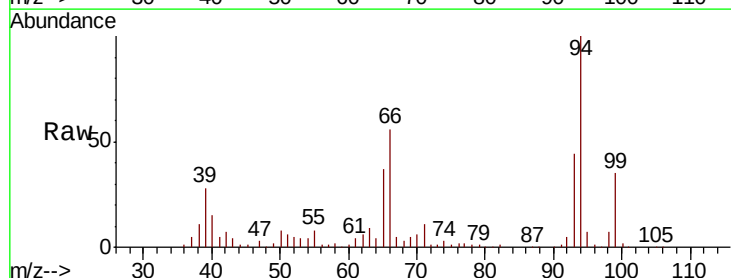
Tgt Ion: 93 Resp: 179086

Ion Ratio Lower Upper

93 100

66 127.1 43.4 65.2#

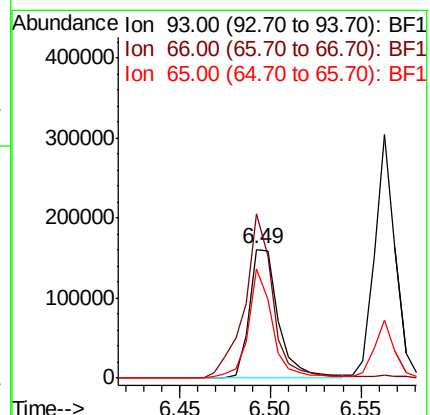
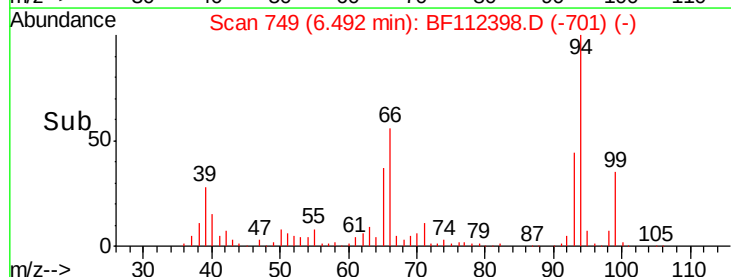
65 84.5 25.3 37.9#

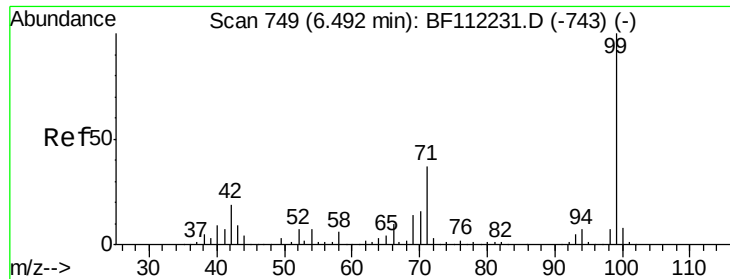


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.974 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampled :

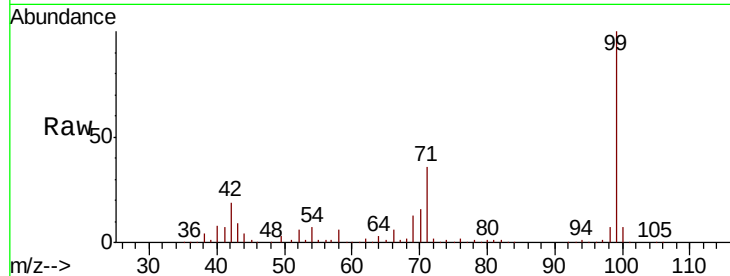
Tot Ion: 99 Resp: 868636

Ion Ratio Lower Upper

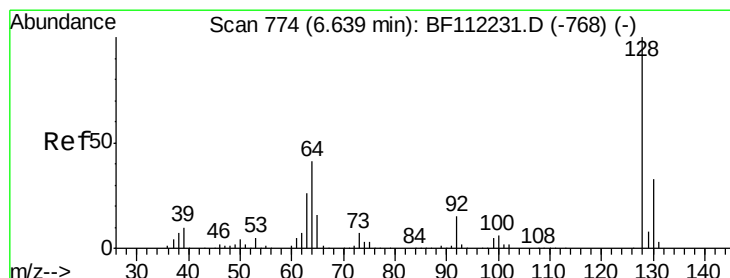
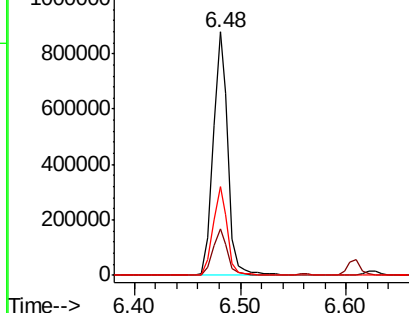
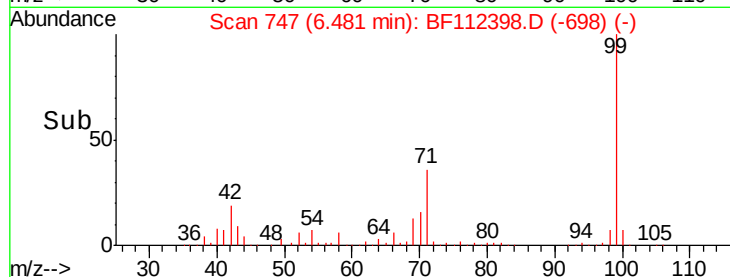
99 100

42 19.0 15.1 22.7

71 36.4 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: 25.116 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

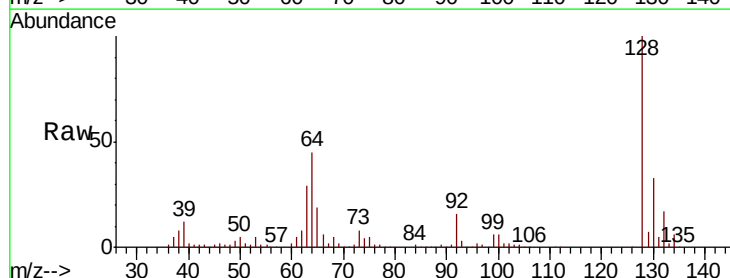
Tgt Ion: 128 Resp: 274399

Ion Ratio Lower Upper

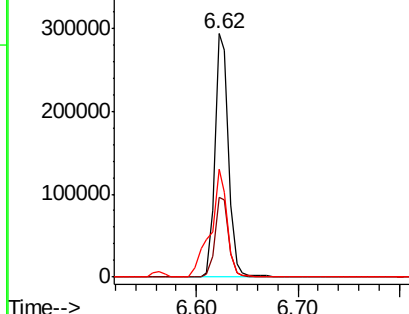
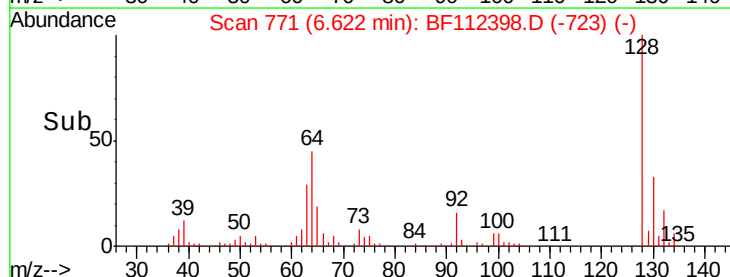
128 100

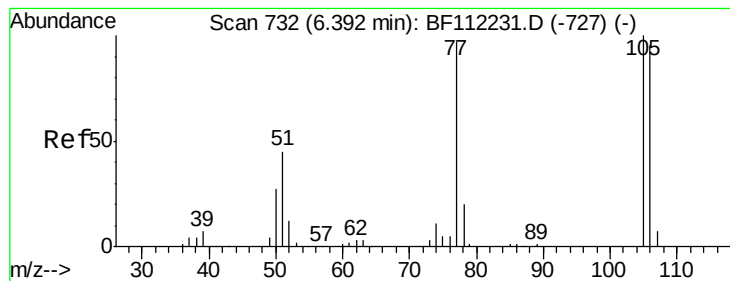
130 32.8 13.4 53.4

64 44.5 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: 22.729 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

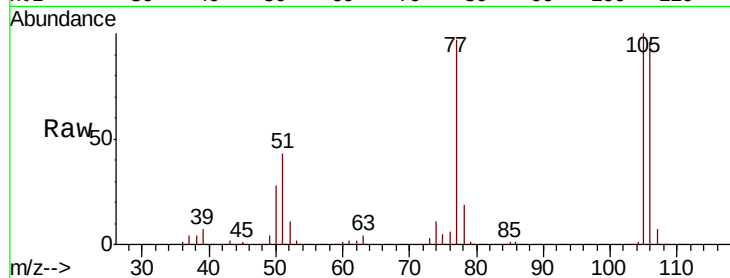
Tot Ion: 77 Resp: 134065

Ion Ratio Lower Upper

77 100

105 103.2 80.8 120.8

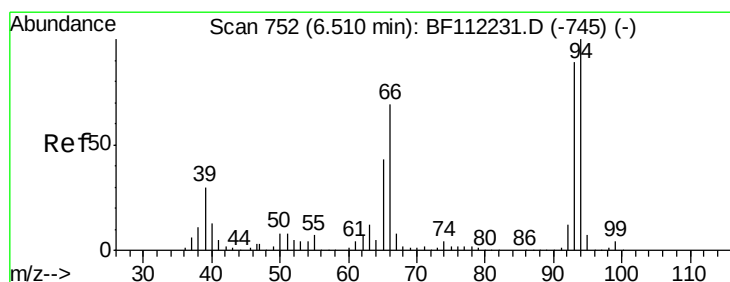
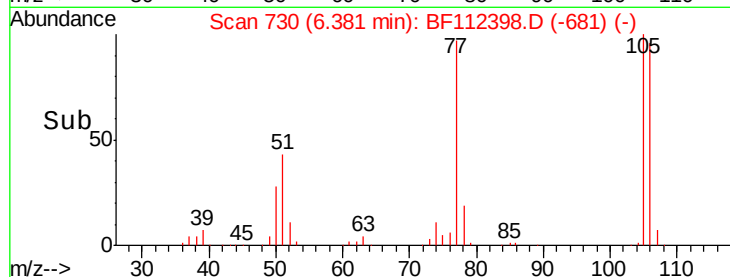
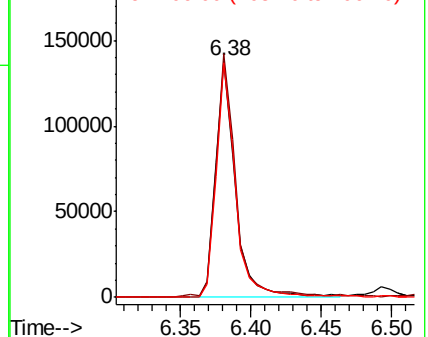
106 99.4 75.7 115.7



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: 25.789 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

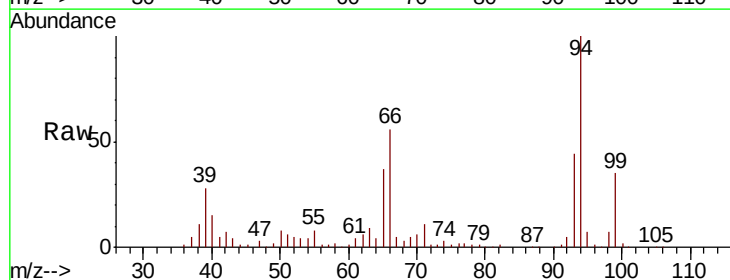
Tgt Ion: 94 Resp: 319283

Ion Ratio Lower Upper

94 100

65 37.1 20.3 60.3

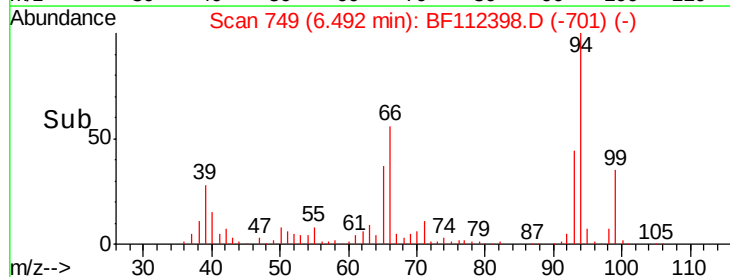
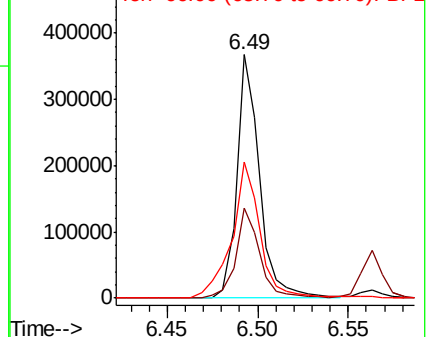
66 55.7 42.4 82.4

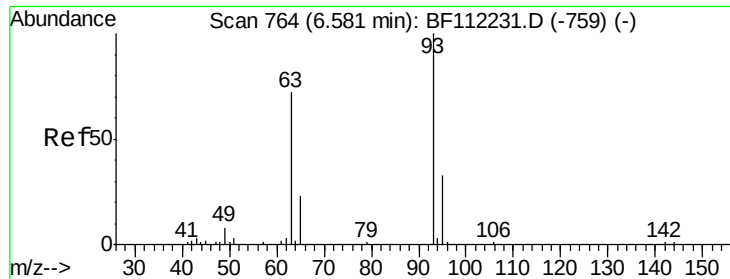


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 24.296 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

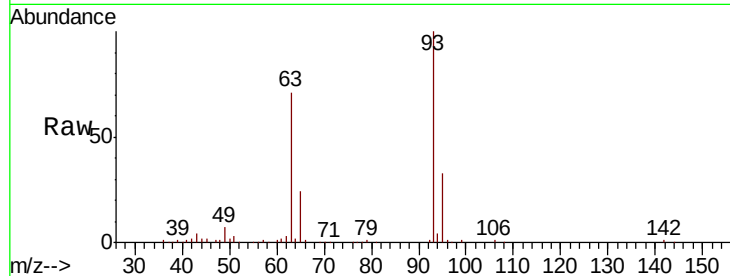
Tot Ion: 93 Resp: 236816

Ion Ratio Lower Upper

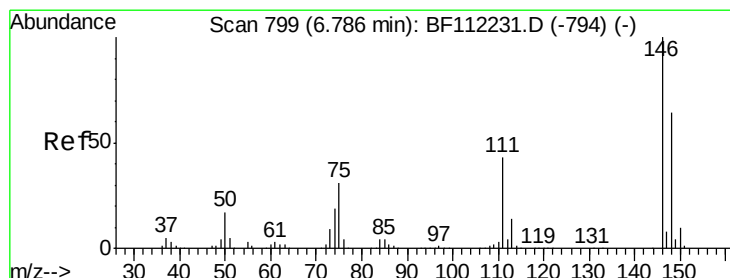
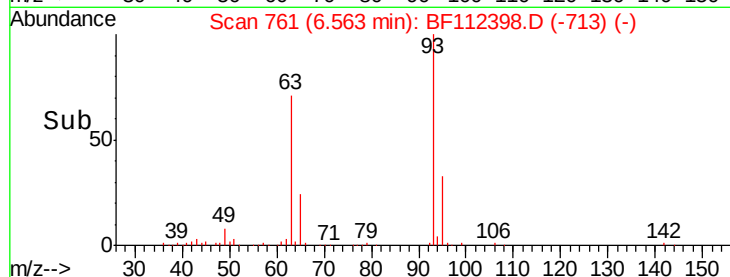
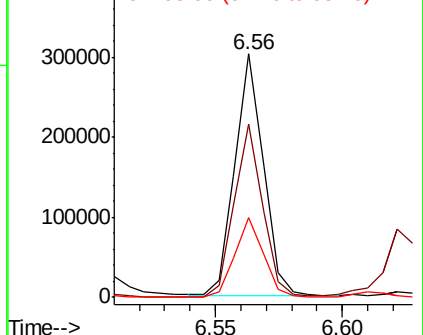
93 100

63 71.0 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: 22.938 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

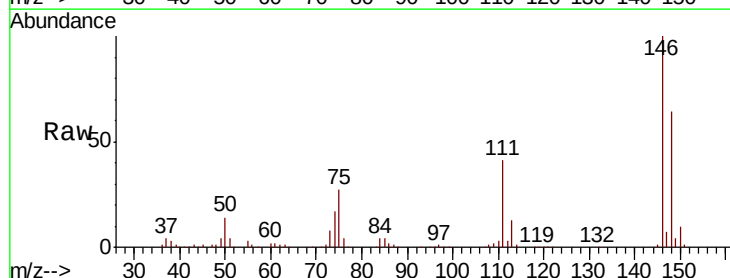
Tgt Ion: 146 Resp: 291847

Ion Ratio Lower Upper

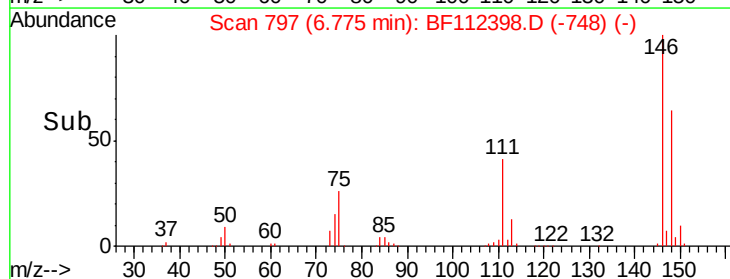
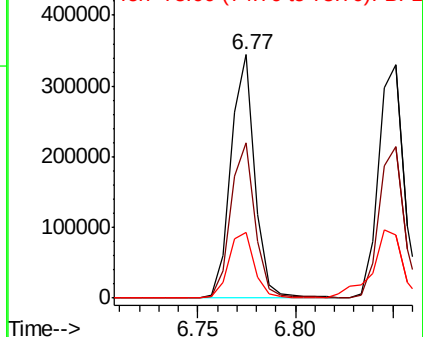
146 100

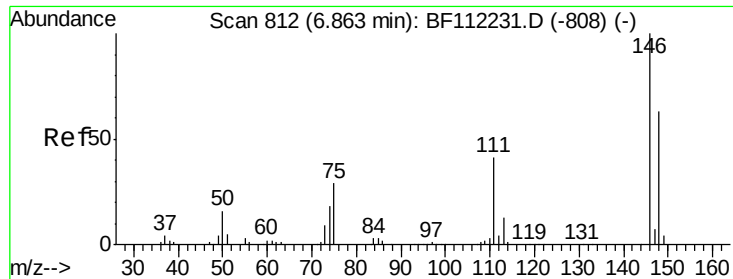
148 63.7 51.8 77.8

75 26.9 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

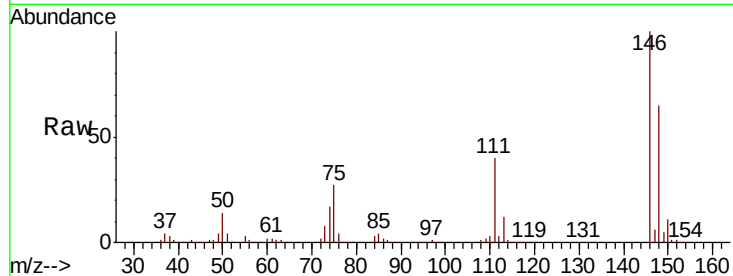




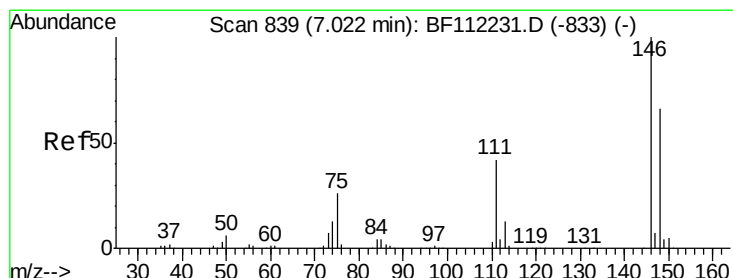
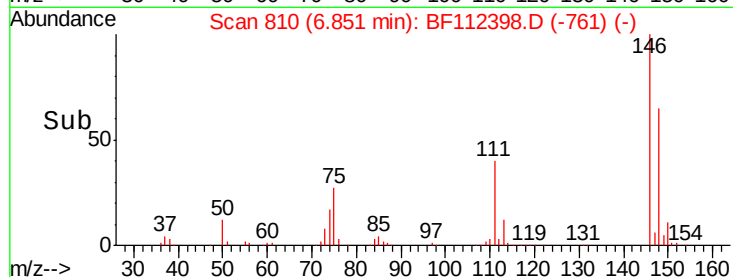
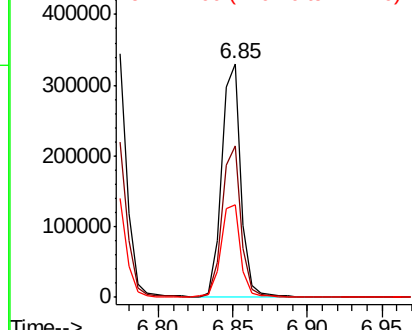
#13
1,4-Dichlorobenzene
Concen: 22.875 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 299535
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
111 39.6 31.2 46.8

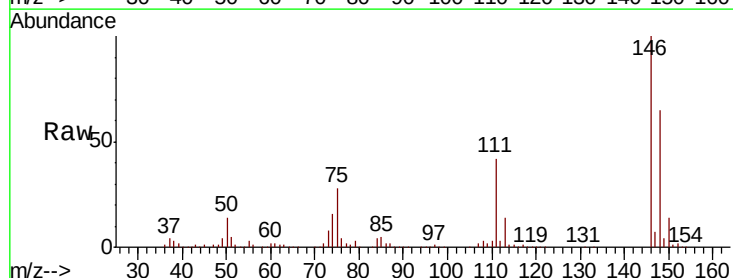


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

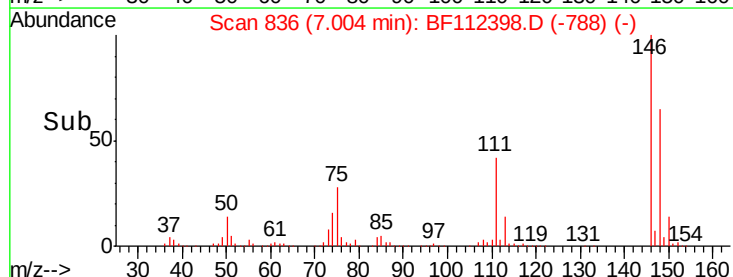
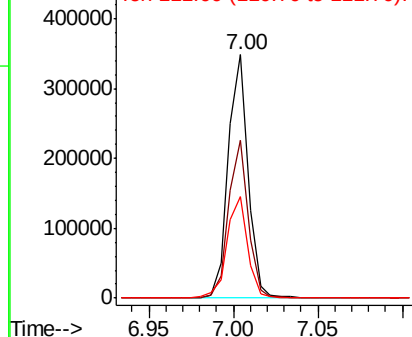


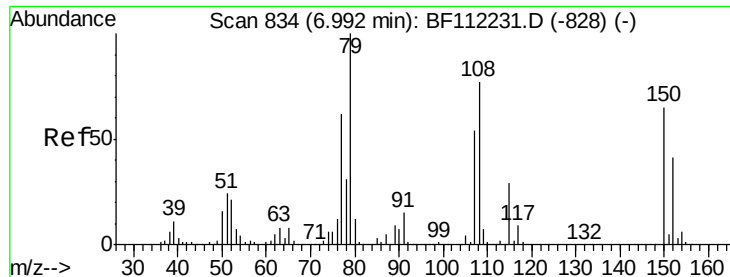
#14
1,2-Dichlorobenzene
Concen: 23.355 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:146 Resp: 286335
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.4
111 41.6 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

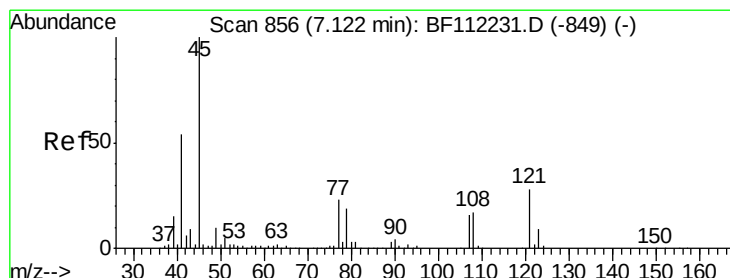
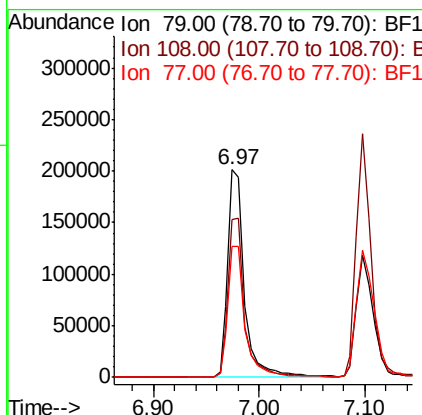
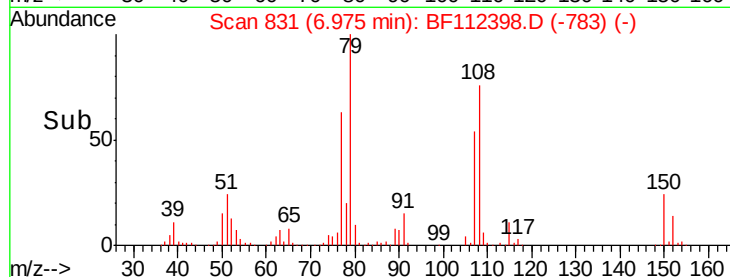
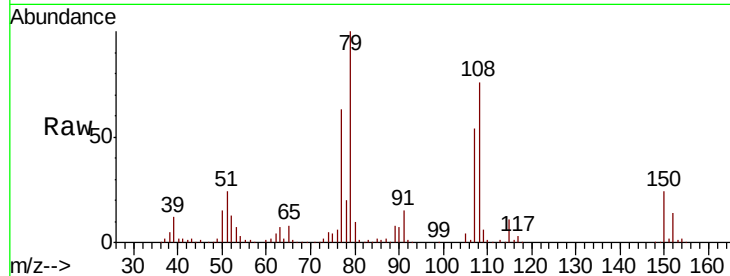




#15
Benzyl Alcohol
Concen: 23.269 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

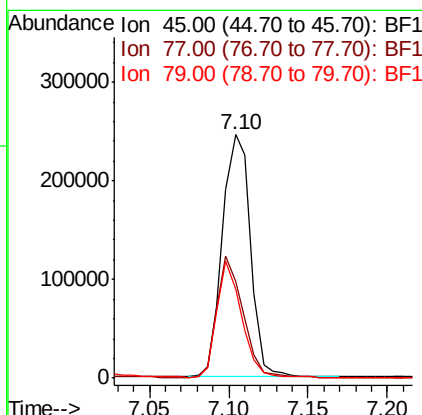
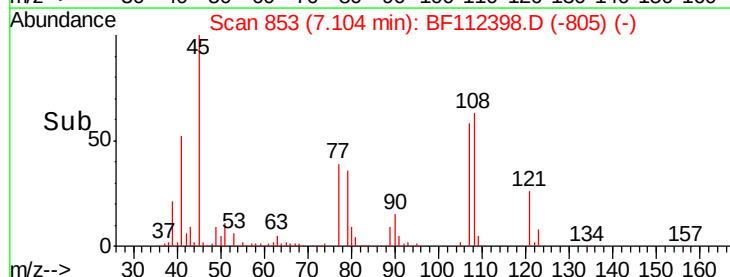
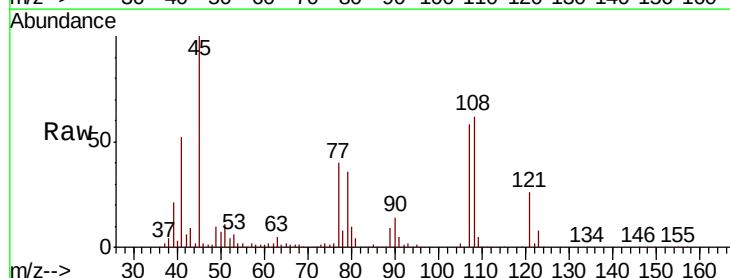
Instrument :
BNA_F
ClientSampled :

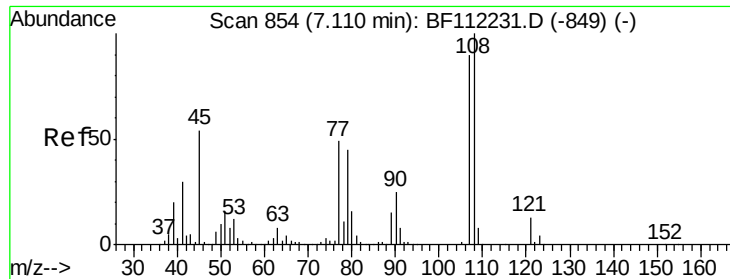
Tot Ion: 79 Resp: 221350
Ion Ratio Lower Upper
79 100
108 76.0 64.2 96.2
77 63.0 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 24.076 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion: 45 Resp: 301312
Ion Ratio Lower Upper
45 100
77 39.9 0.0 36.9#
79 36.5 0.0 34.0#

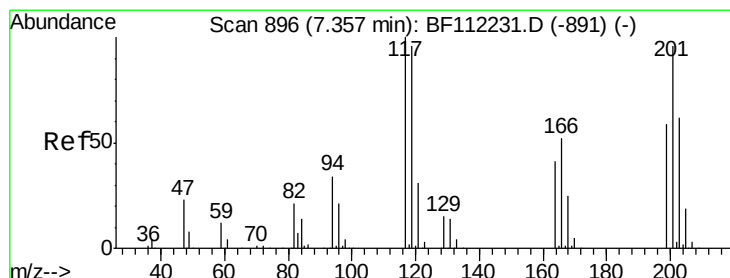
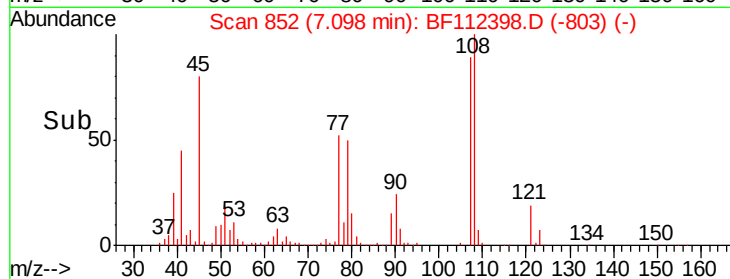
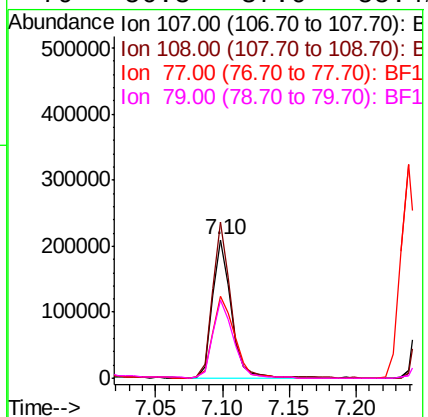
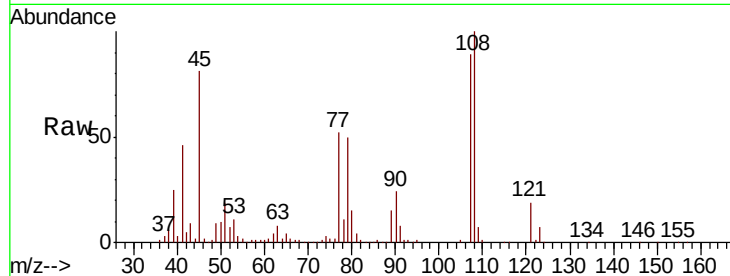




#17
2-Methylphenol
Concen: 24.006 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

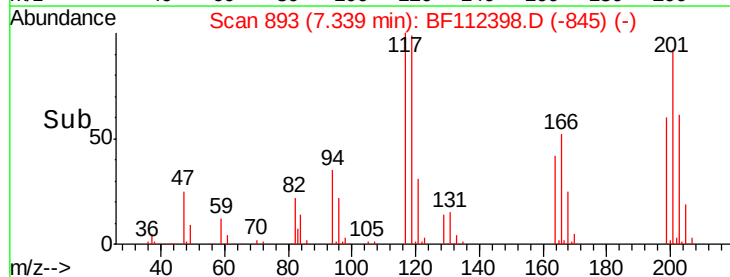
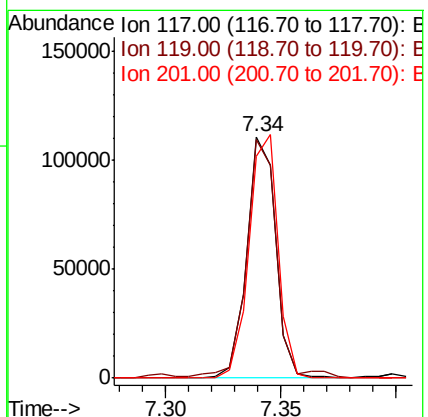
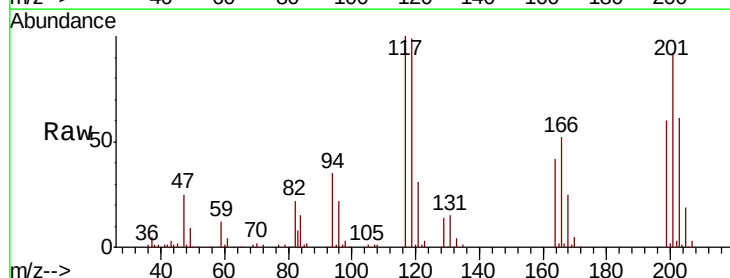
Instrument :
BNA_F
ClientSampled :

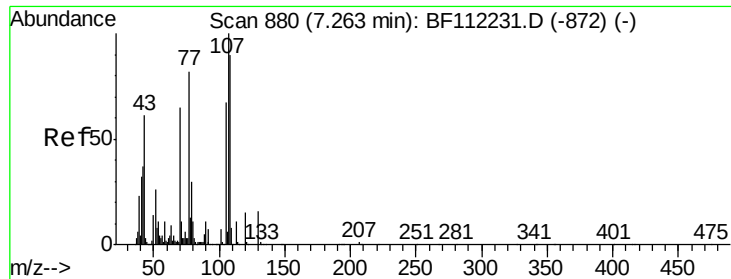
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.3	136.9
77	59.0	39.0	58.6#
79	56.3	37.0	55.4#



#18
Hexachloroethane
Concen: 21.194 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.0	115.4
201	91.7	74.1	111.1

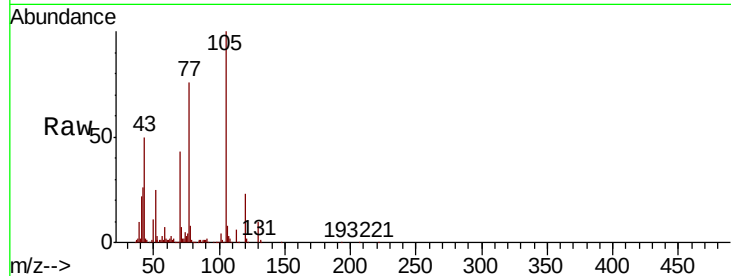




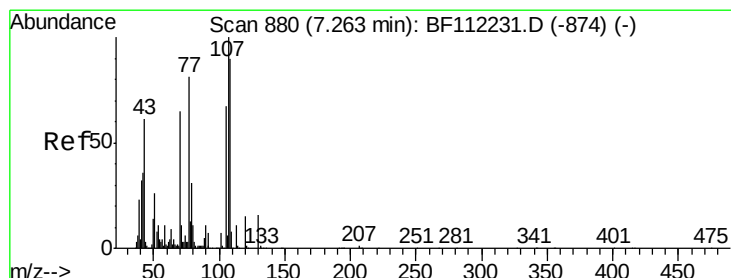
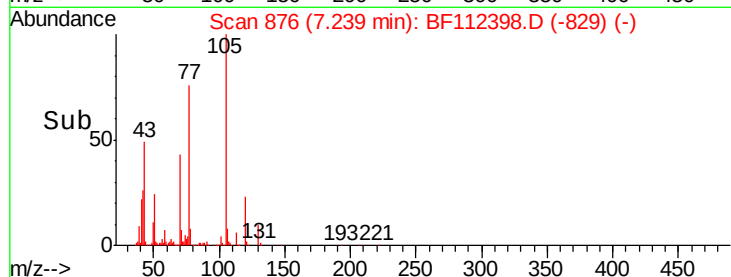
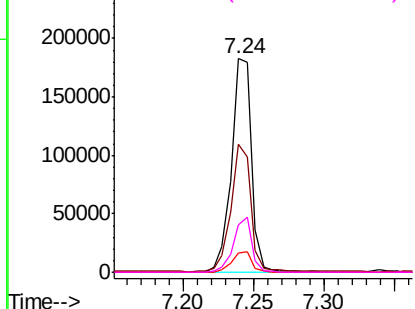
#19
n-Nitroso-di-n-propylamine
Concen: 23.326 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 181506
Ion Ratio Lower Upper
70 100
42 59.9 47.6 71.4
101 8.8 7.9 11.9
130 22.3 18.4 27.6



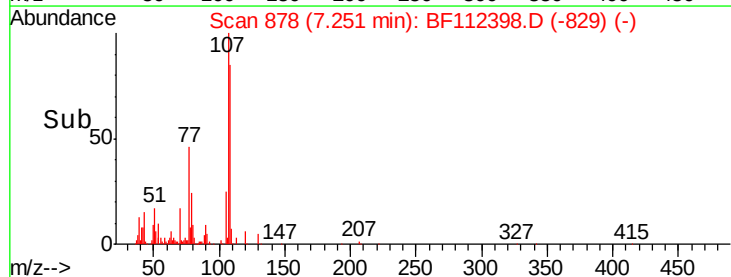
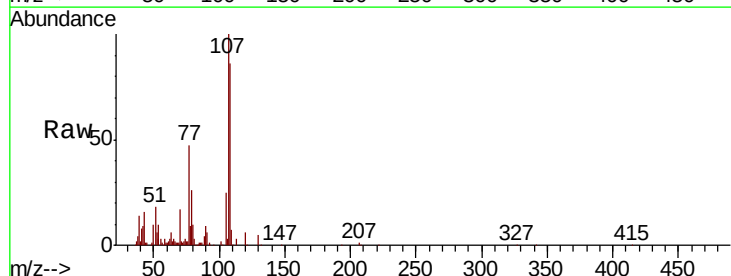
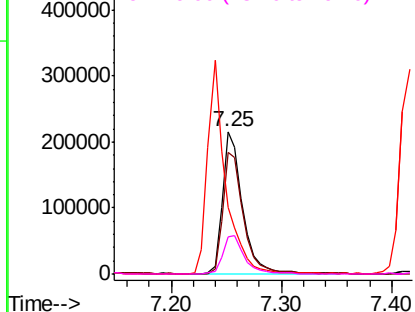
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

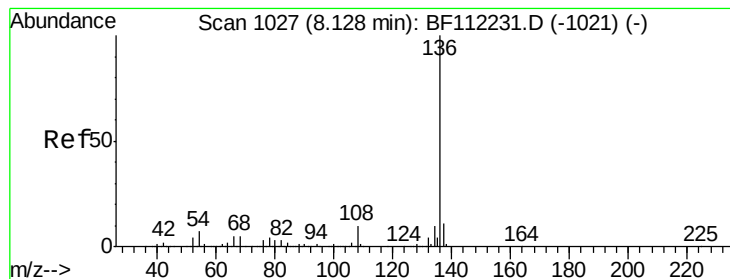


#20
3+4-Methylphenols
Concen: 24.649 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:107 Resp: 272976
Ion Ratio Lower Upper
107 100
108 85.5 68.2 108.2
77 47.1 100.7 140.7#
79 25.8 7.3 47.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 636226

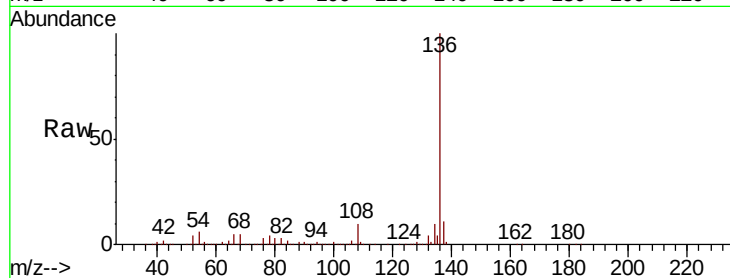
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 5.9 8.9#

68 4.9 5.1 7.7#



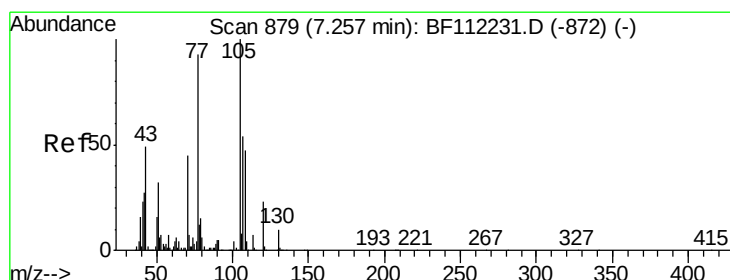
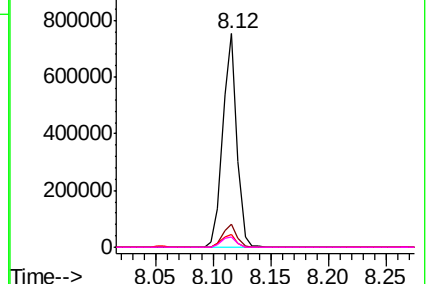
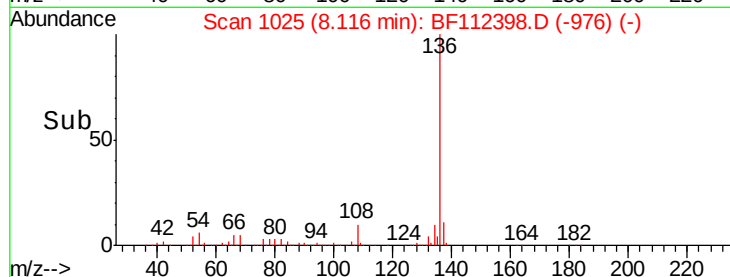
Abundance

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: 23.697 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Tgt Ion:105 Resp: 367116

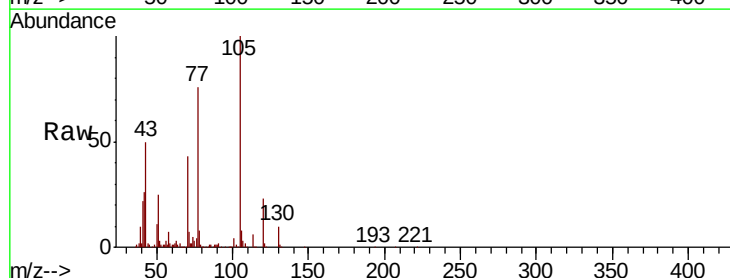
Ion Ratio Lower Upper

105 100

71 7.4 4.6 6.8#

51 24.9 25.0 37.6#

120 23.3 19.0 28.4



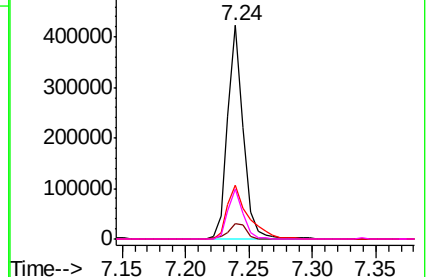
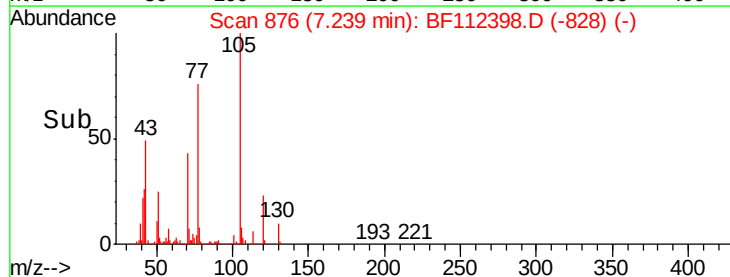
Abundance

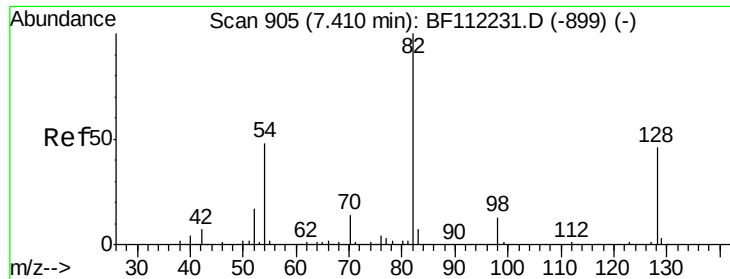
Ion 105.00 (104.70 to 105.70): E

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

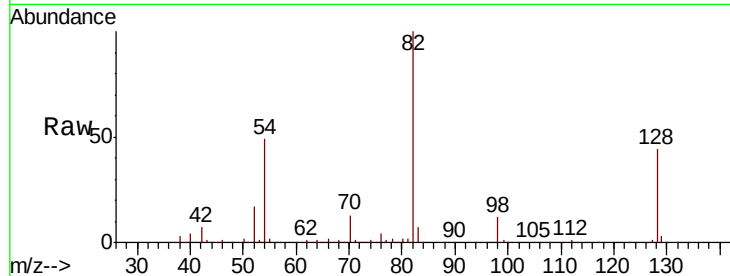




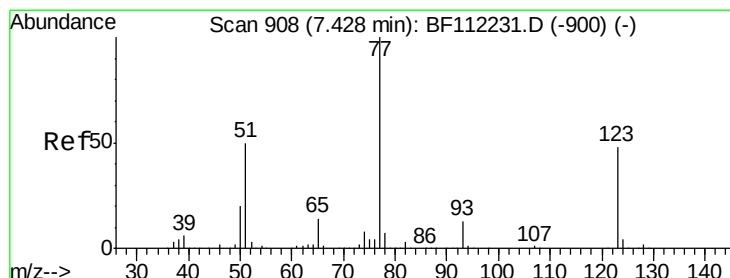
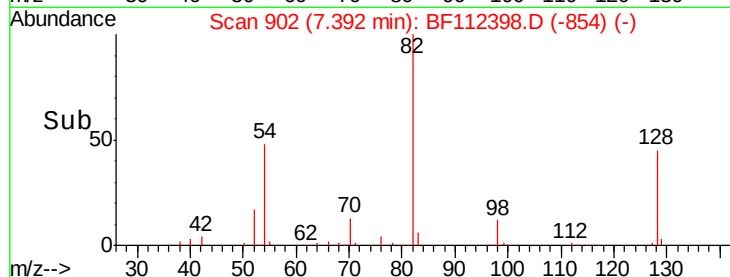
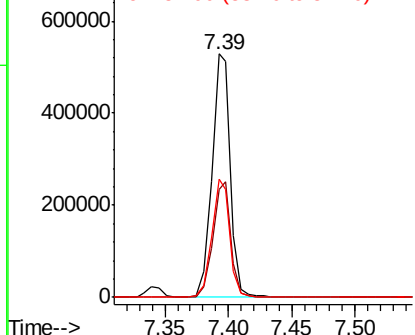
#23
Nitrobenzene-d5
Concen: 48.943 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	540417
Ion Ratio	Lower	Upper	
82	100		
128	44.5	37.8	56.8
54	48.8	39.7	59.5

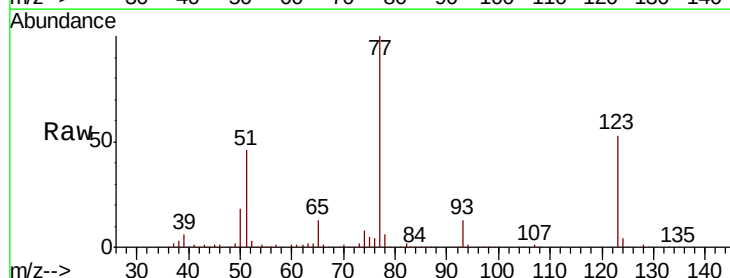


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

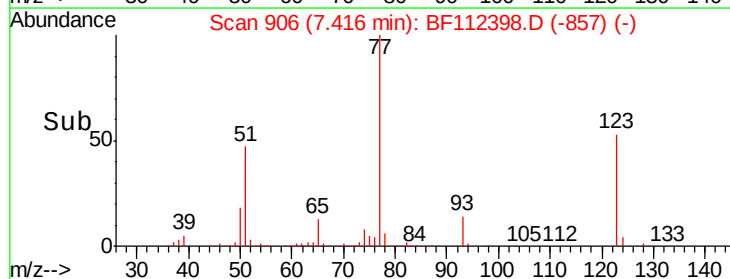
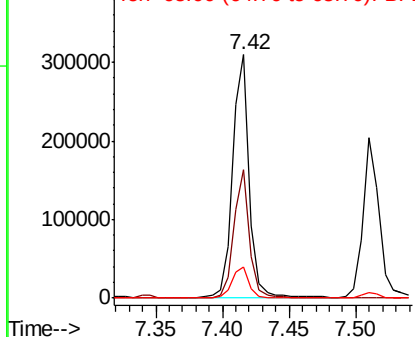


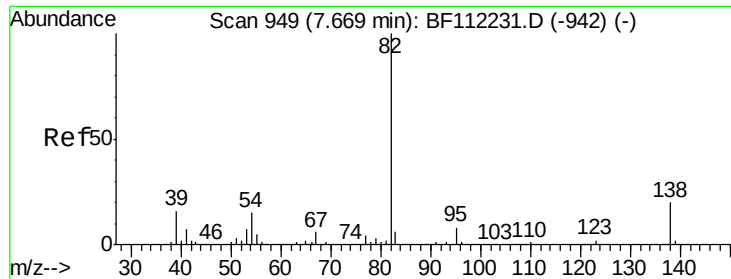
#24
Nitrobenzene
Concen: 24.196 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	77	Resp	266828
Ion Ratio	Lower	Upper	
77	100		
123	52.7	38.4	57.6
65	12.6	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 26.980 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

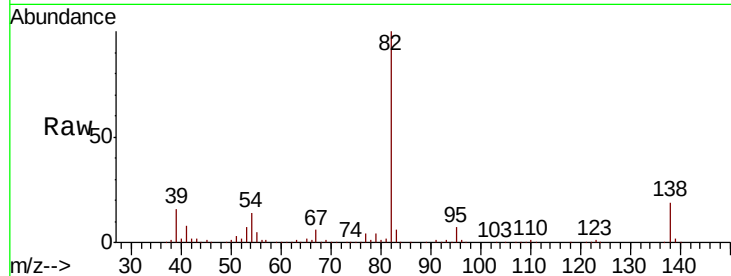
Tot Ion: 82 Resp: 467362

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

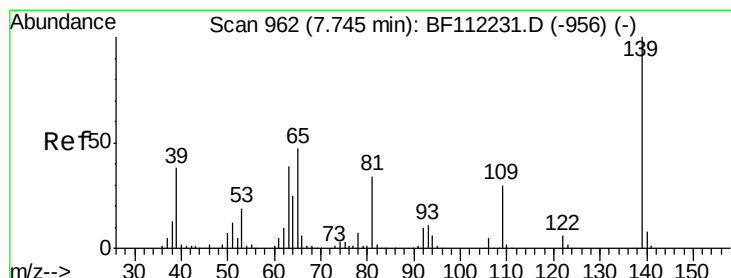
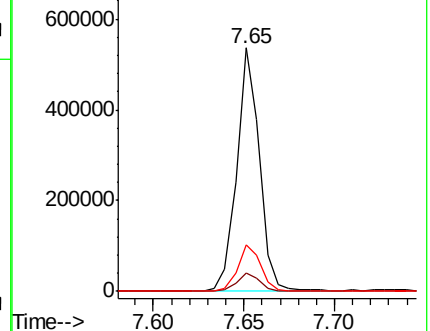
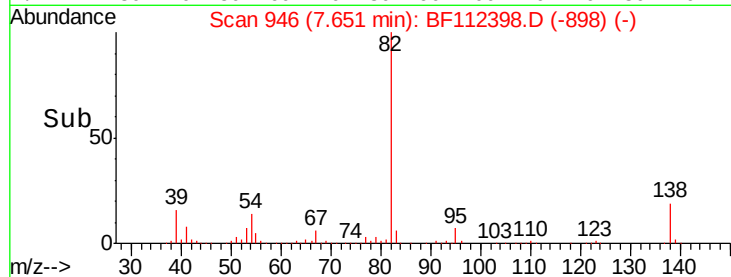
138 19.1 15.4 23.0



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: 24.344 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

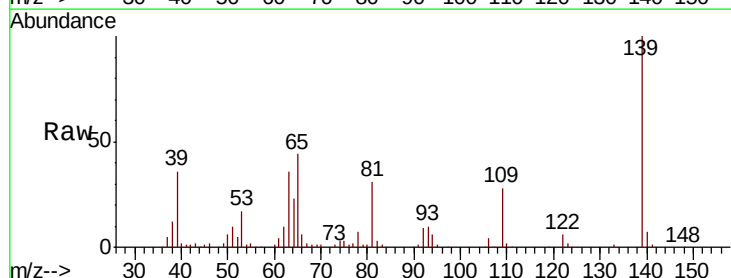
Tgt Ion: 139 Resp: 143466

Ion Ratio Lower Upper

139 100

109 27.6 20.8 31.2

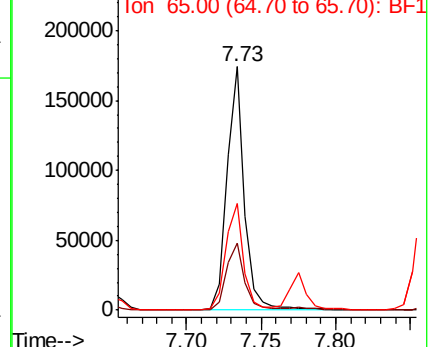
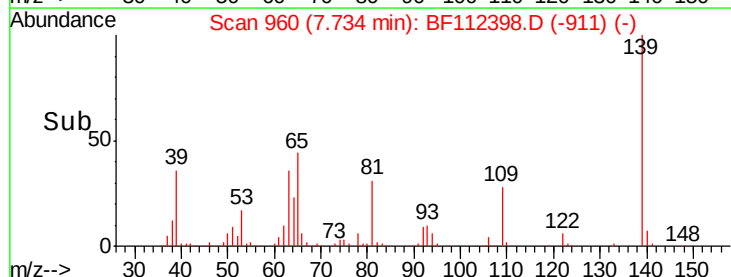
65 44.0 34.4 51.6

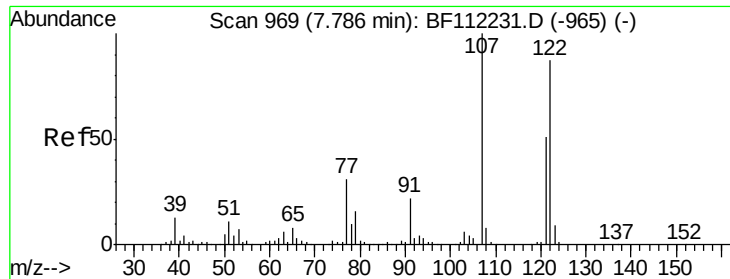


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

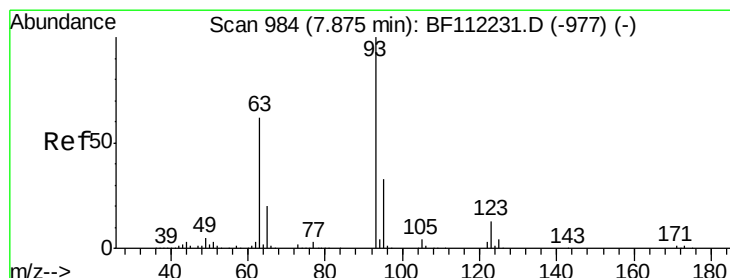
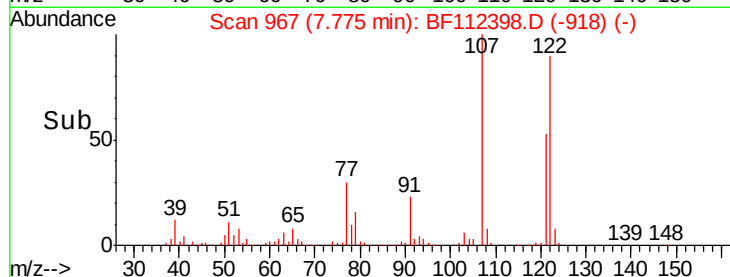
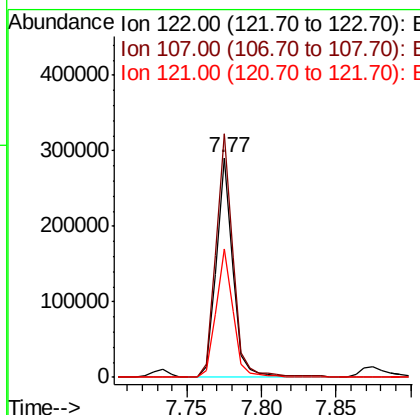
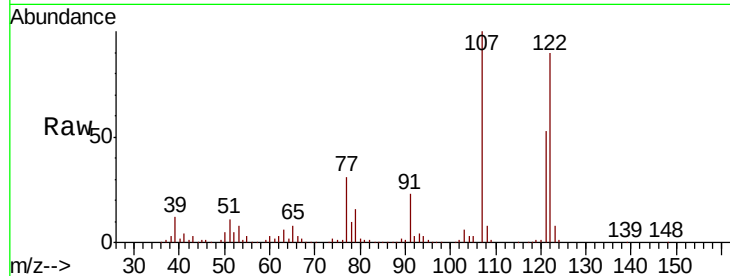




#27
2,4-Dimethylphenol
Concen: 27.750 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

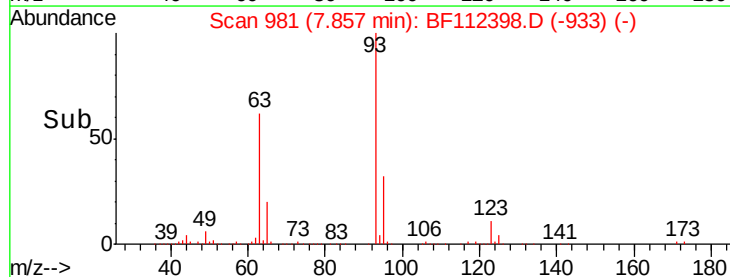
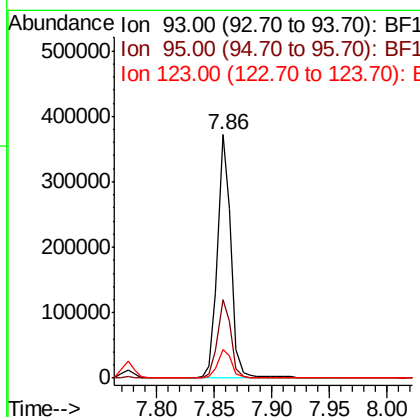
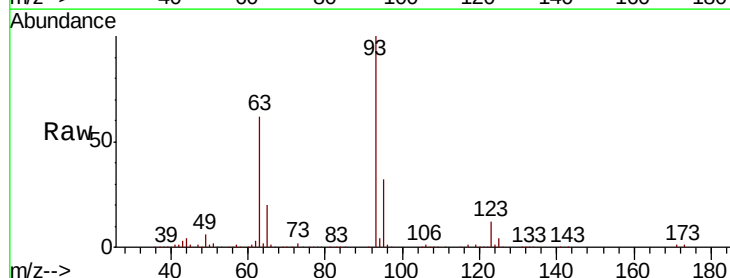
Instrument :
BNA_F
ClientSampleId :

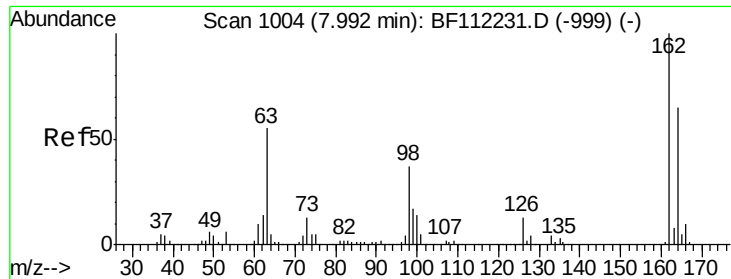
Tot Ion:122 Resp: 225321
Ion Ratio Lower Upper
122 100
107 111.0 85.4 128.0
121 58.4 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 25.582 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion: 93 Resp: 301736
Ion Ratio Lower Upper
93 100
95 32.0 26.8 40.2
123 11.6 10.2 15.2

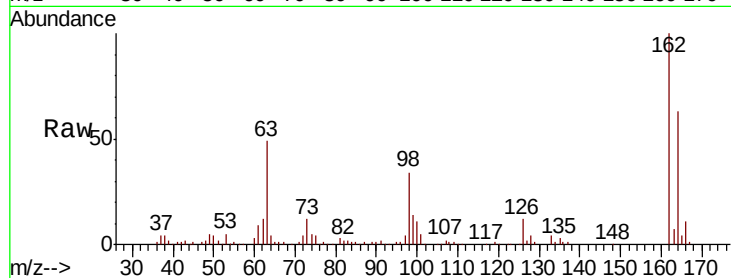




#29
2,4-Dichlorophenol
Concen: 24.607 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.6	84.6
98	34.4	14.6	54.6

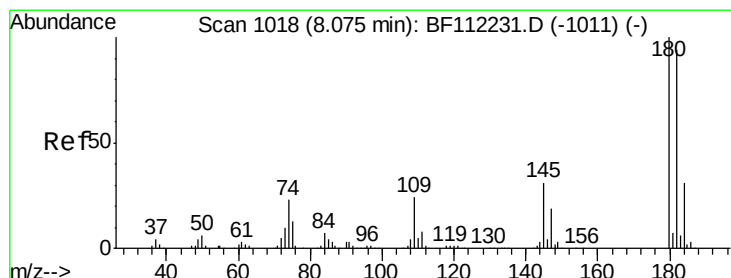
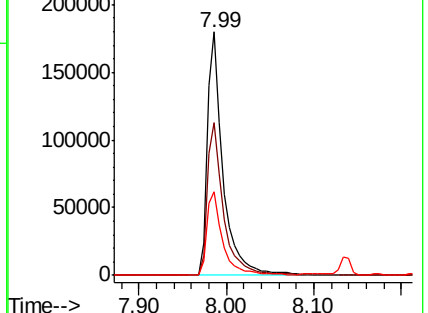
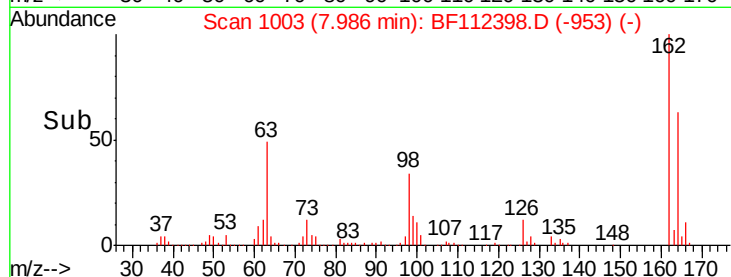


Abundance

Ion 162.00 (161.70 to 162.70): E

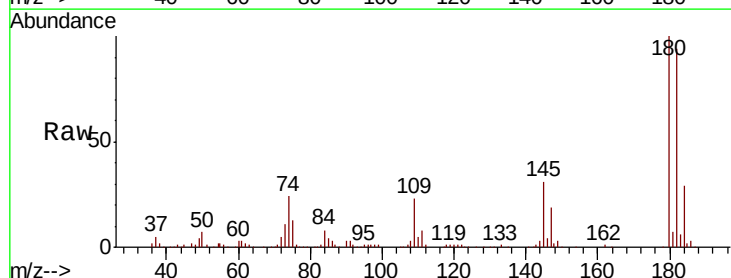
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 23.933 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	30.5	25.0	37.4

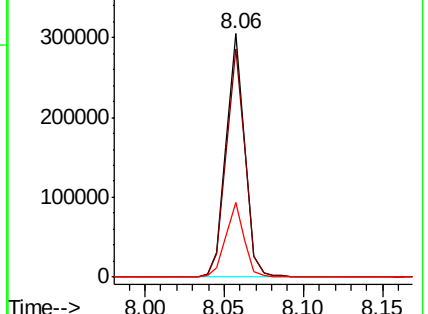
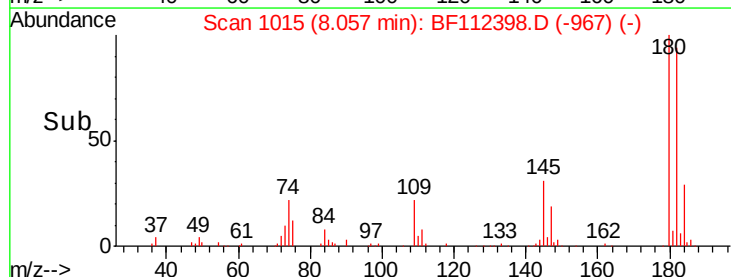


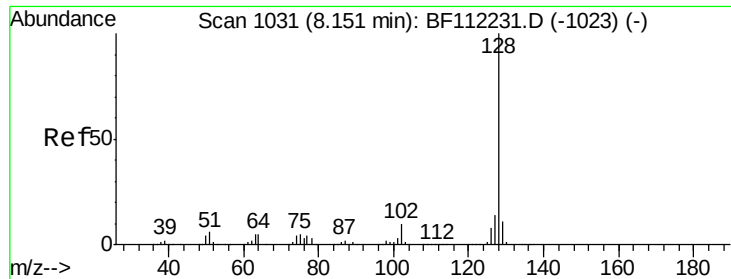
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

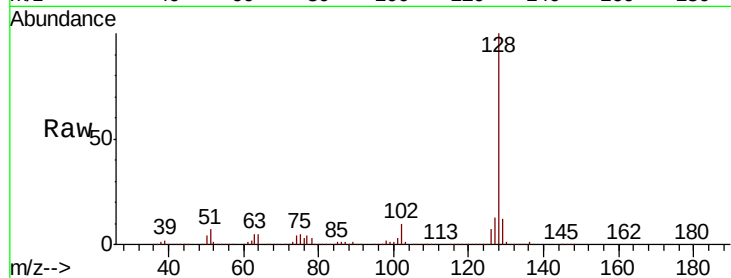




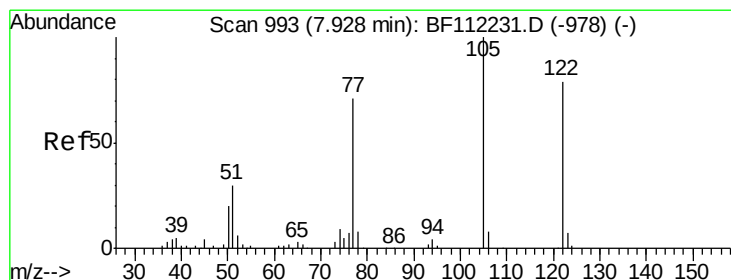
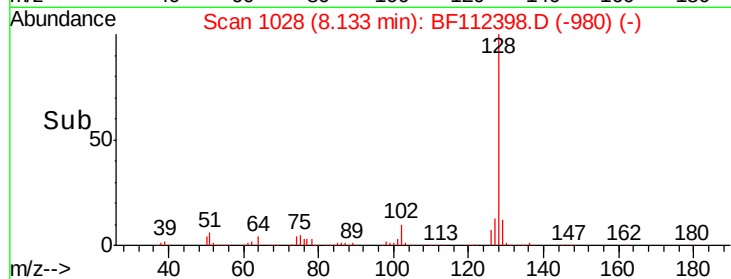
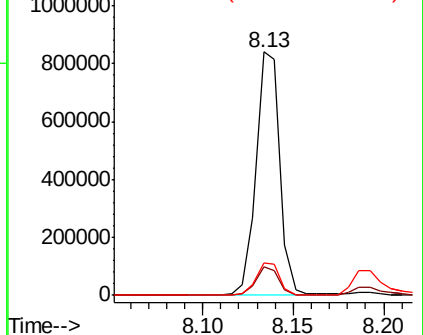
#31
Naphthalene
Concen: 25.785 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 767172
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 13.1 11.1 16.7

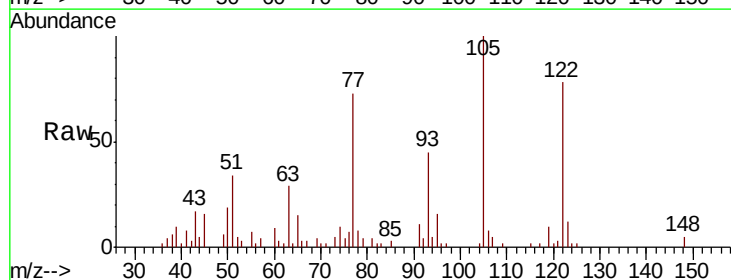


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

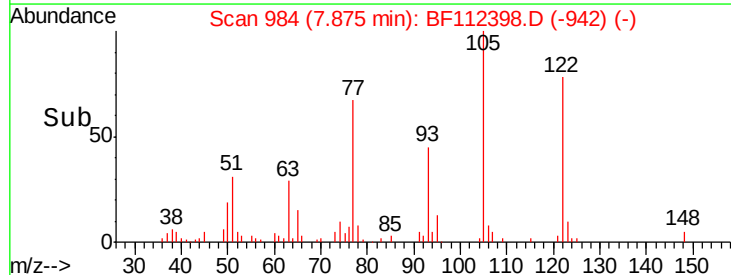
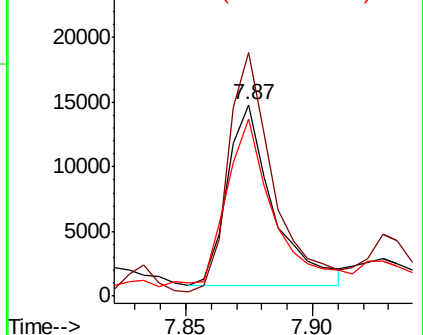


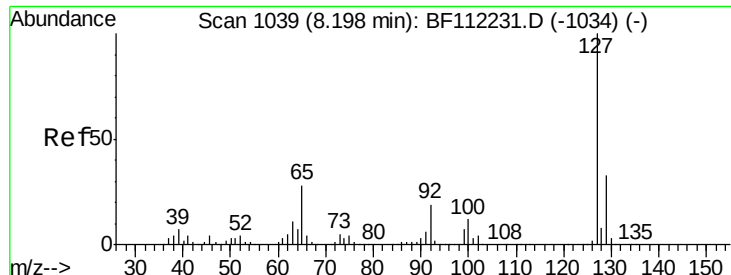
#32
Benzoic acid
Concen: 3.772 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:122 Resp: 17469
Ion Ratio Lower Upper
122 100
105 127.4 101.2 141.2
77 92.6 70.4 110.4



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

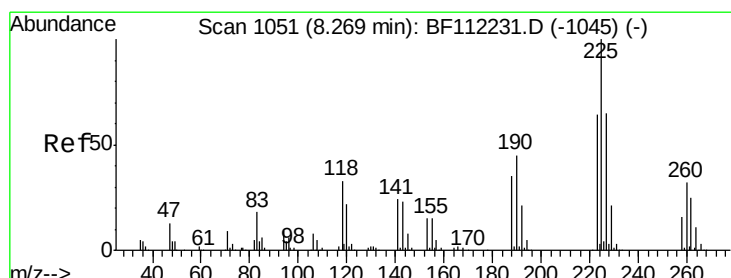
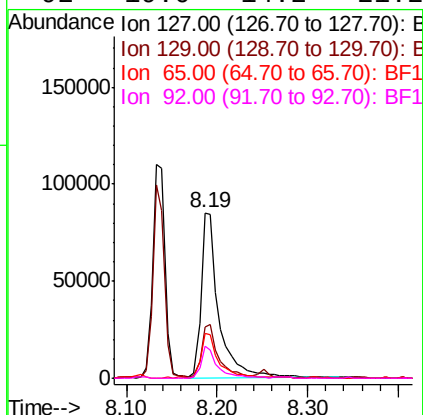
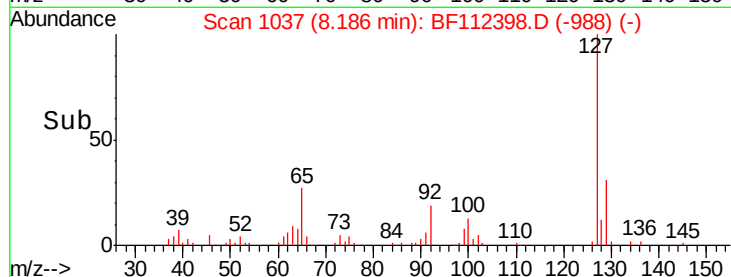
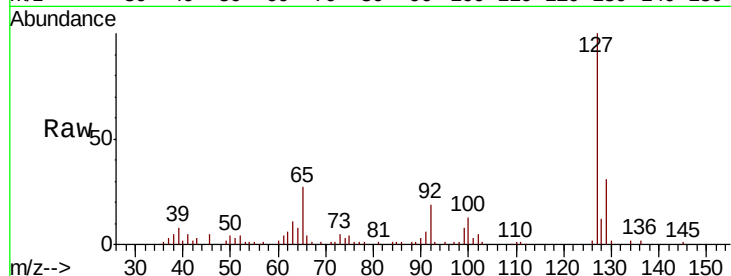




#33
4-Chloroaniline
Concen: 9.005 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

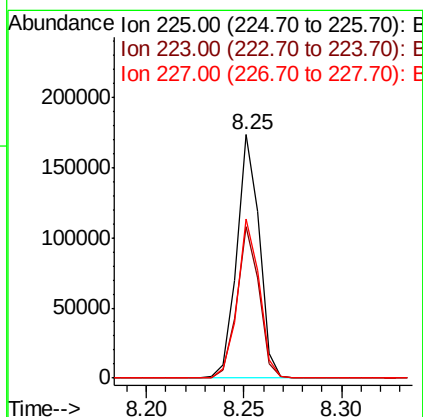
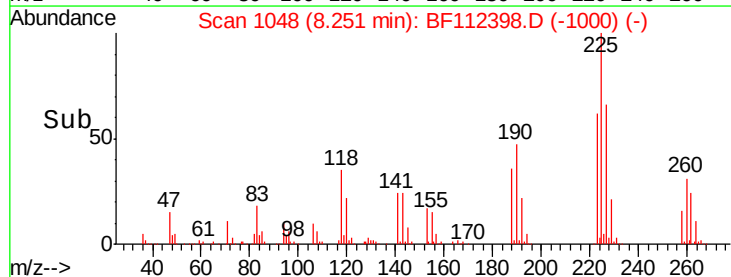
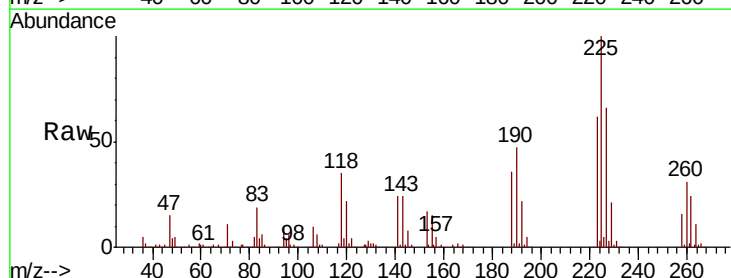
Instrument :
BNA_F
ClientSampleId :

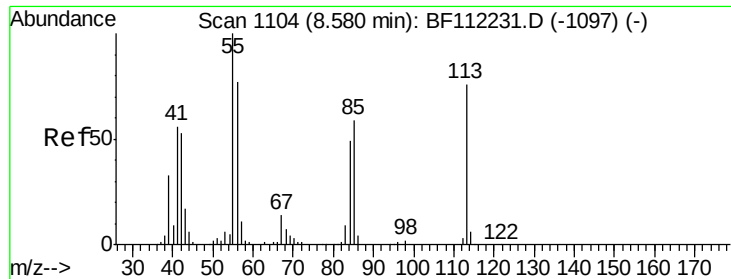
Tot Ion:	127	Resp:	116665
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	39.8
65	27.3	21.4	32.2
92	19.0	14.2	21.2



#34
Hexachlorobutadiene
Concen: 22.608 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:	225	Resp:	138567
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	65.5	51.8	77.8





#35

Caprolactam

Concen: 20.043 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.04 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampled :

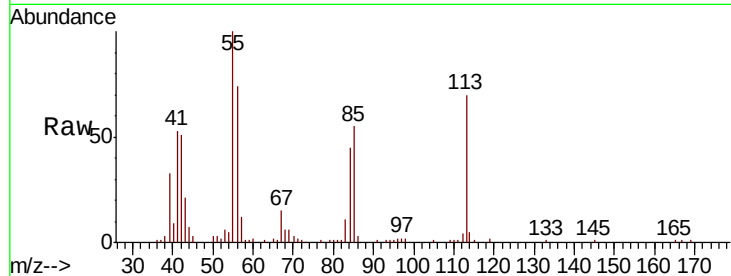
Tot Ion:113 Resp: 64245

Ion Ratio Lower Upper

113 100

55 142.5 121.6 161.6

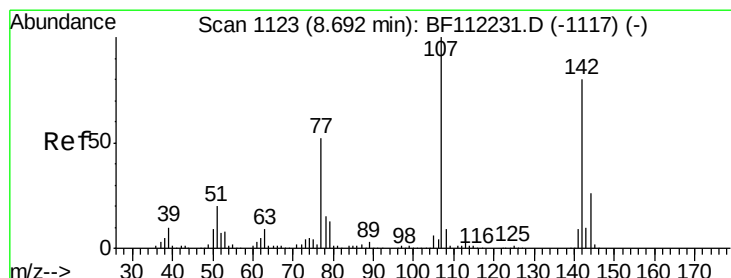
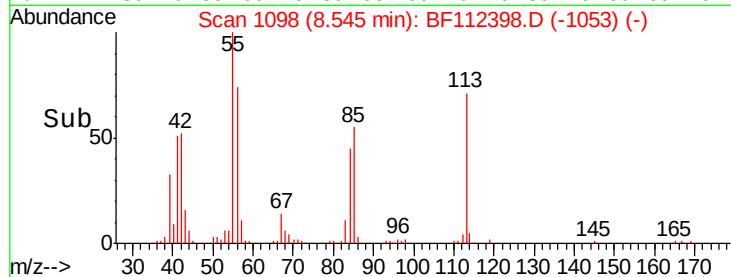
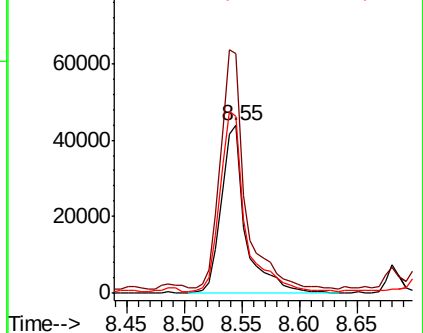
56 105.3 86.7 126.7



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: 22.217 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

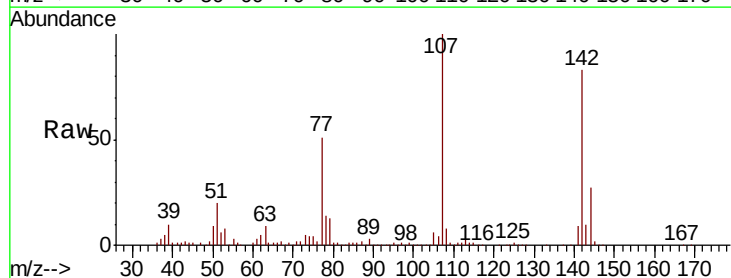
Tgt Ion:107 Resp: 213704

Ion Ratio Lower Upper

107 100

144 26.7 22.2 33.2

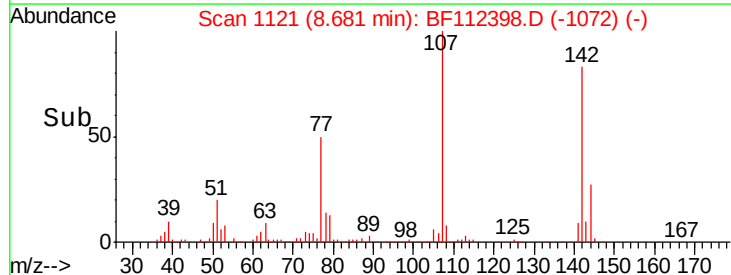
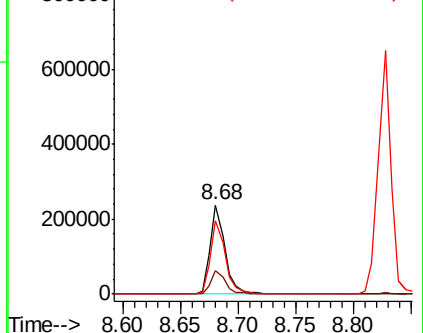
142 82.6 67.7 101.5

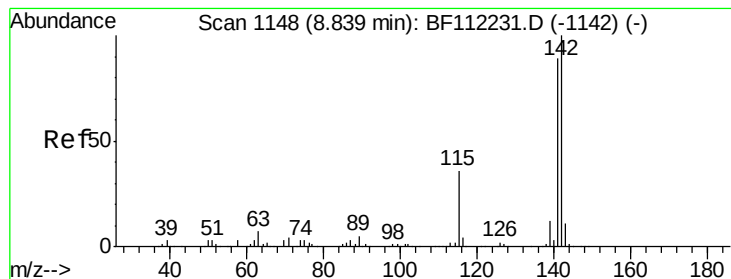


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.631 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

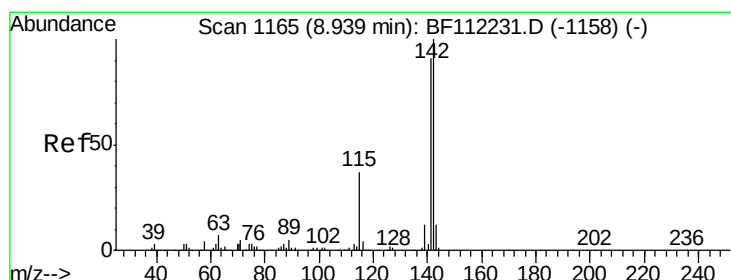
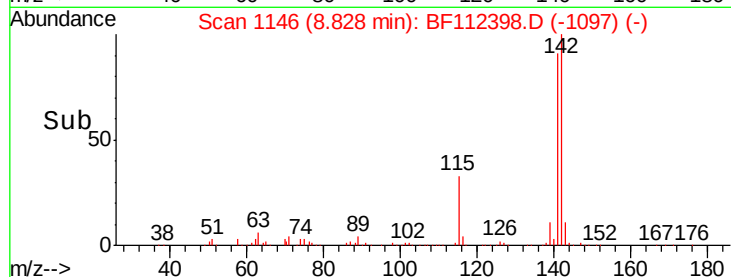
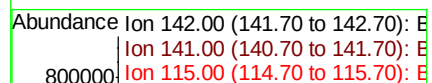
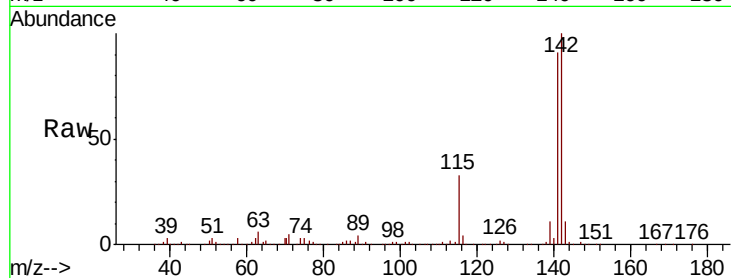
Tot Ion:142 Resp: 522052

Ion Ratio Lower Upper

142 100

141 90.5 70.9 106.3

115 33.5 24.9 37.3



#38

1-Methylnaphthalene

Concen: 24.831 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

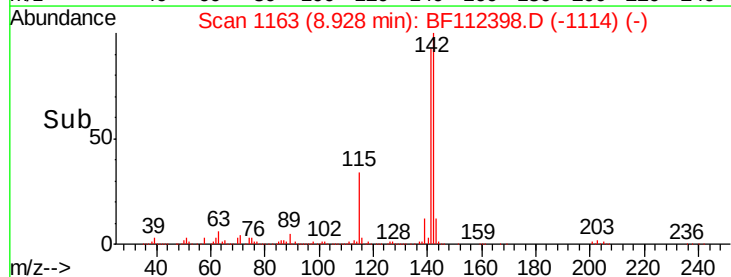
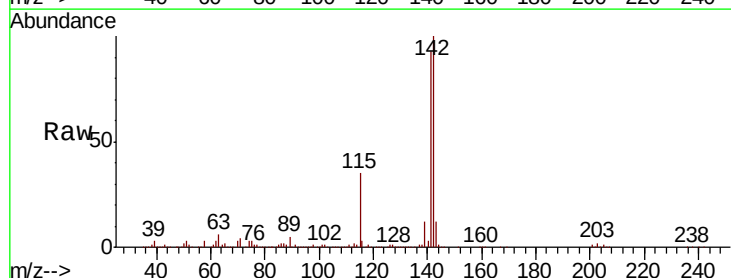
Tgt Ion:142 Resp: 484762

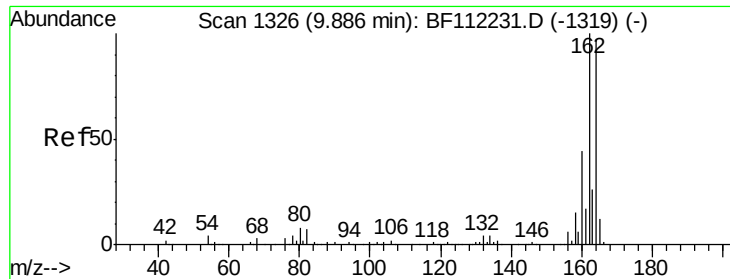
Ion Ratio Lower Upper

142 100

141 92.8 72.6 108.8

116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

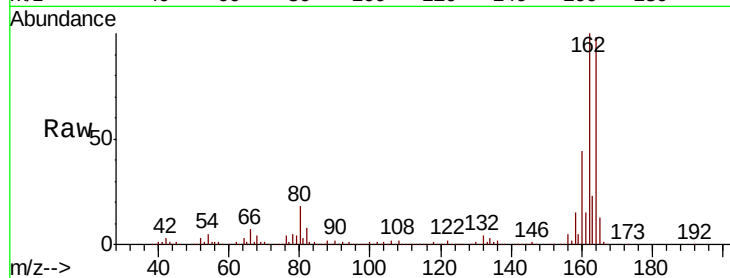
Tot Ion:164 Resp: 278831

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.4

160 44.6 36.2 54.4

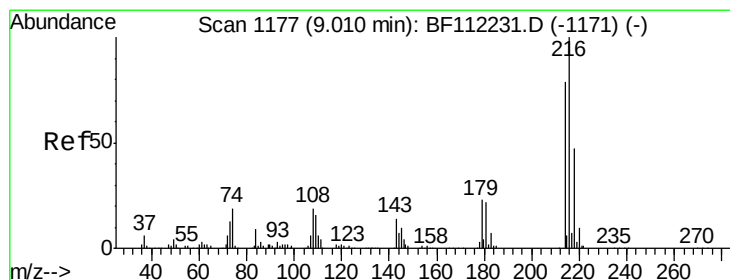
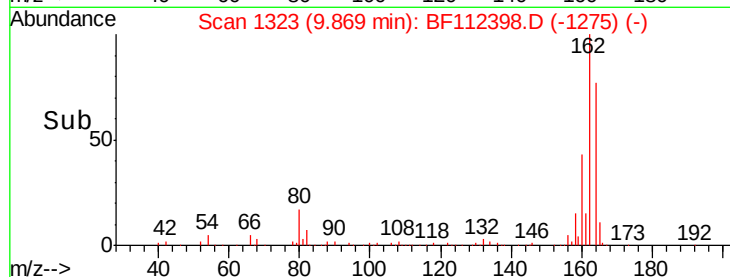
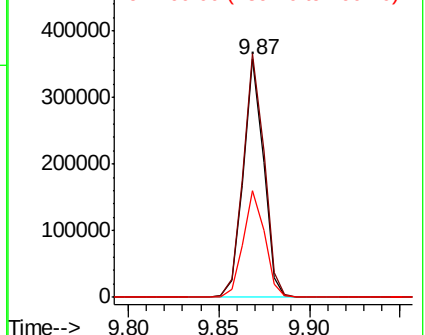


Abundance

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: 25.476 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Tgt Ion:216 Resp: 233231

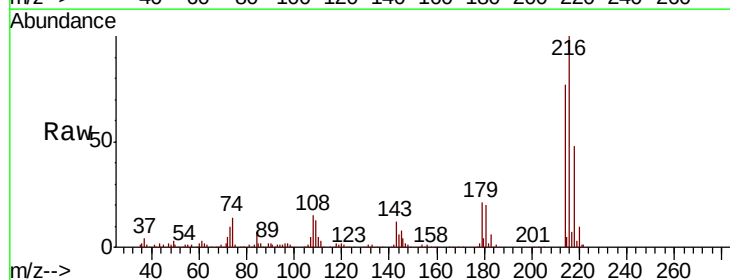
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.3 16.9 25.3

108 16.9 14.2 21.4



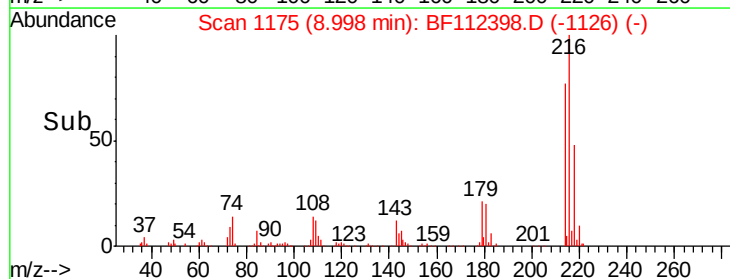
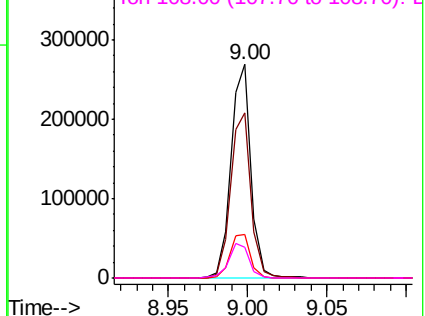
Abundance

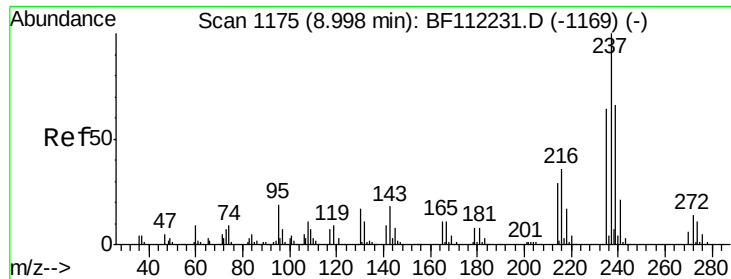
Ion 216.00 (215.70 to 216.70): E

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: 15.441 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

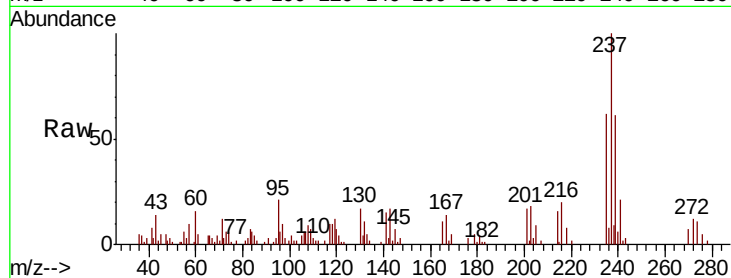
Tot Ion:237 Resp: 23376

Ion Ratio Lower Upper

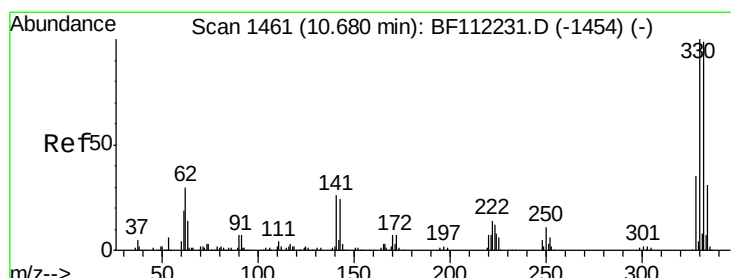
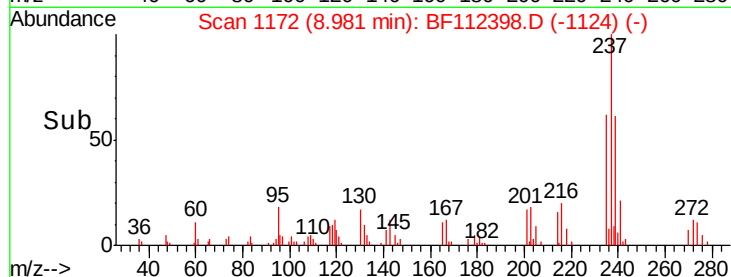
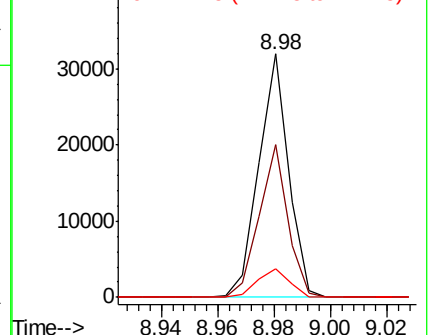
237 100

235 62.5 44.0 84.0

272 11.7 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: 66.370 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

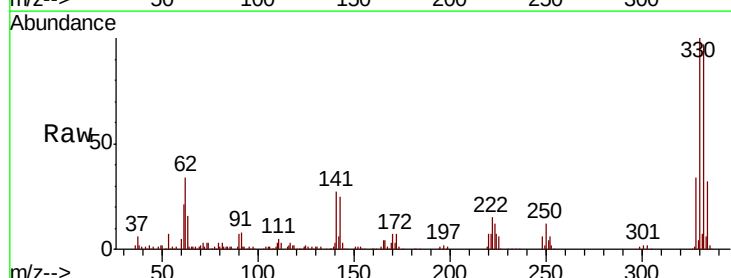
Tgt Ion:330 Resp: 215405

Ion Ratio Lower Upper

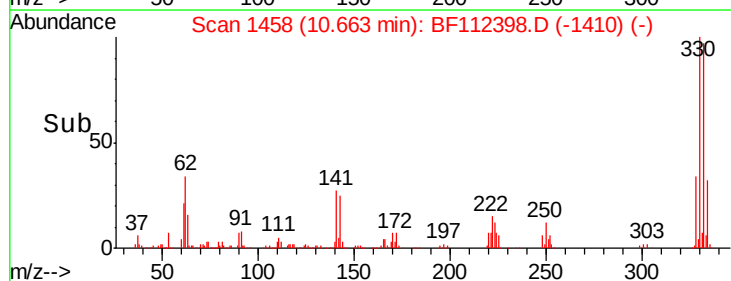
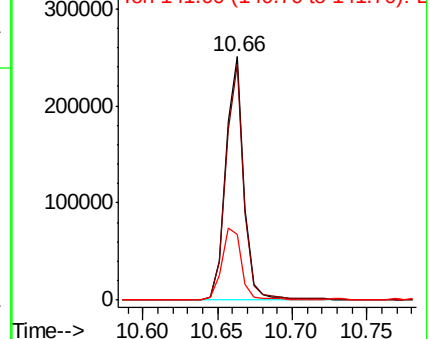
330 100

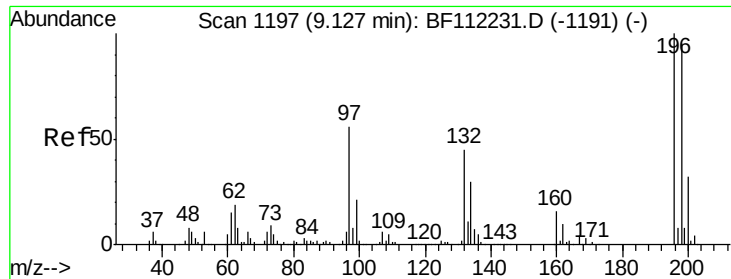
332 96.4 76.6 114.8

141 32.4 24.3 36.5



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

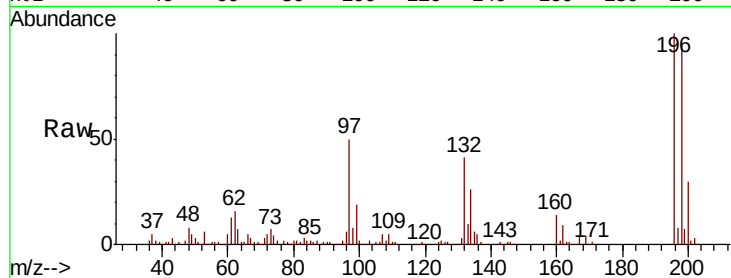




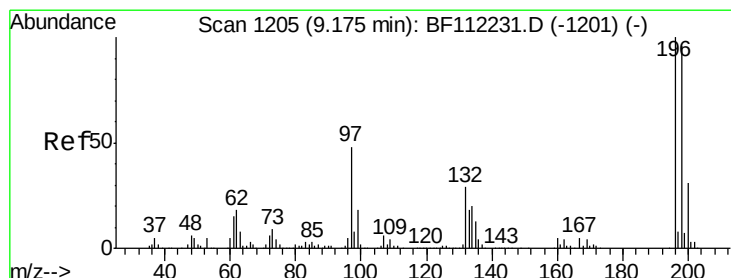
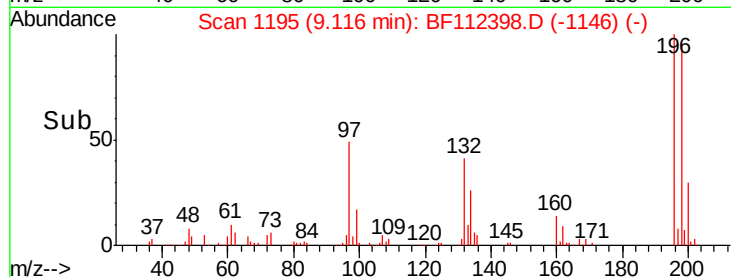
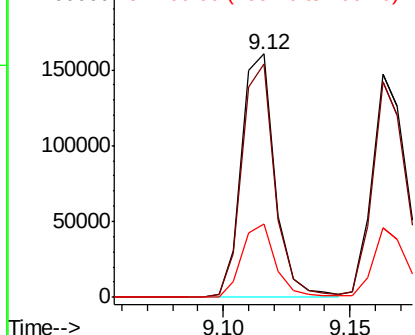
#43
 2,4,6-Trichlorophenol
 Concen: 26.169 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 147676
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.4
 200 30.1 24.3 36.5

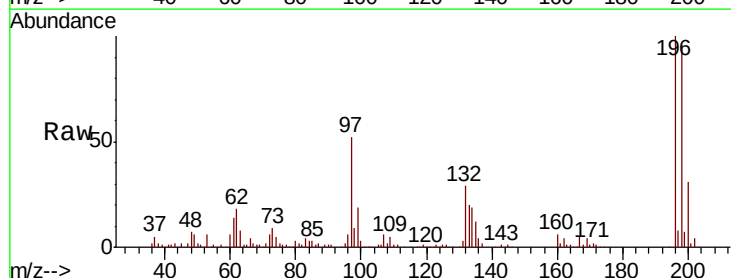


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

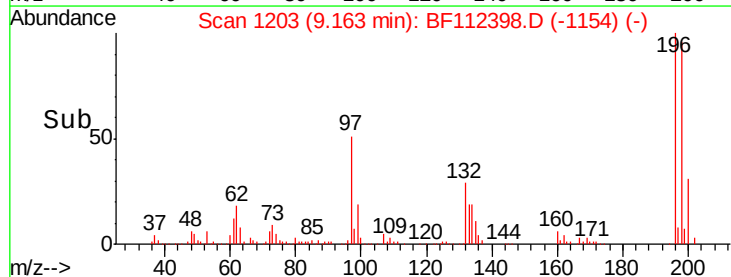
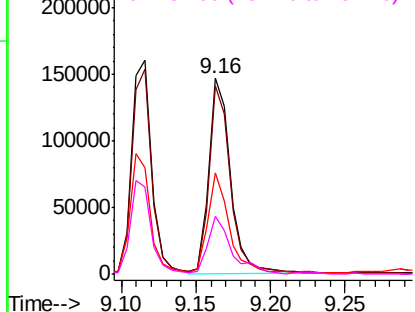


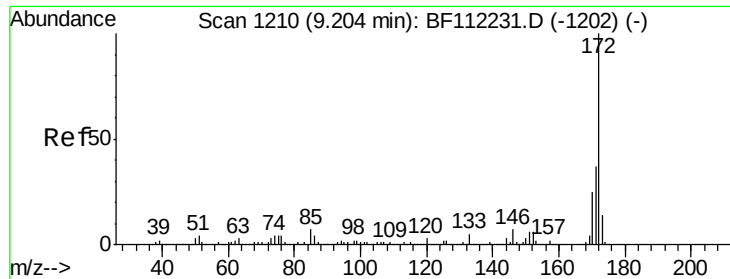
#44
 2,4,5-Trichlorophenol
 Concen: 25.259 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Tgt Ion:196 Resp: 148976
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.0 114.0
 97 51.8 36.4 54.6
 132 29.3 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

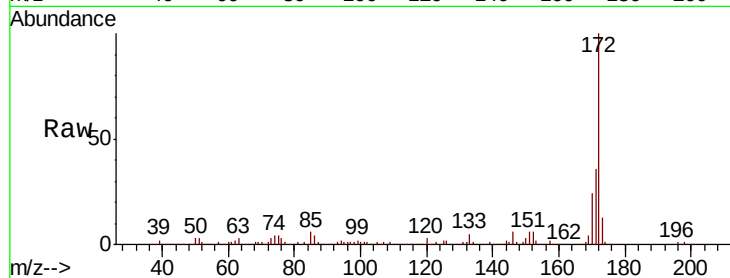




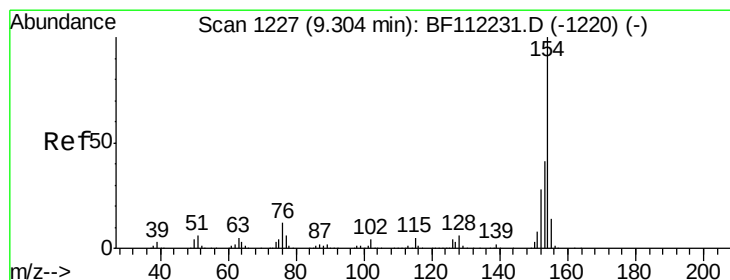
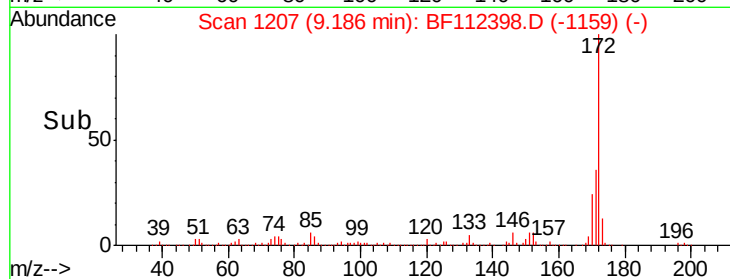
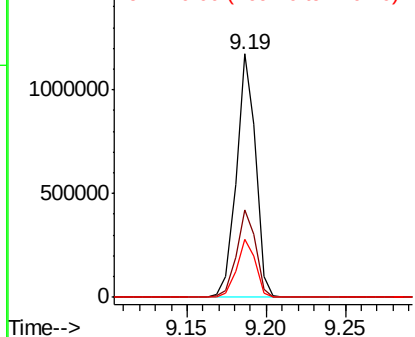
#45
2-Fluorobiphenyl
Concen: 50.090 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 987498
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 24.0 20.2 30.4

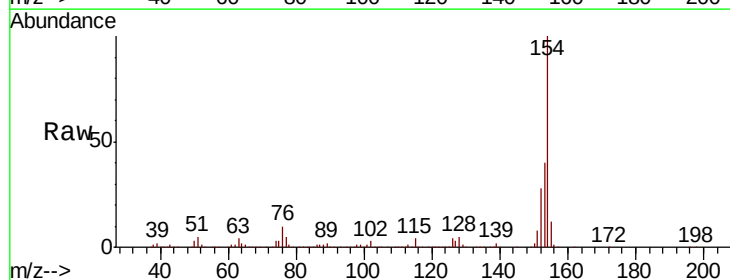


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

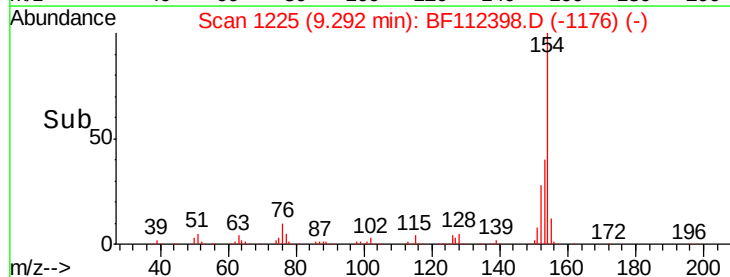
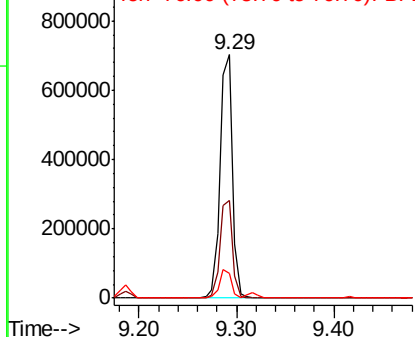


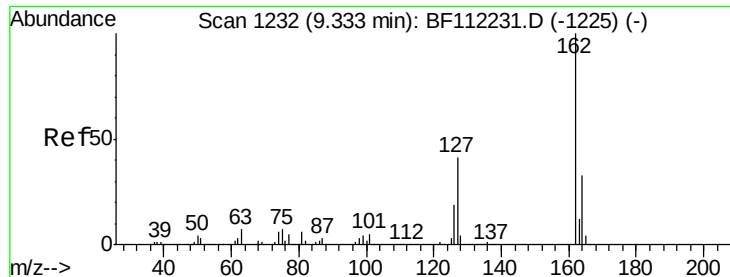
#46
1,1'-Biphenyl
Concen: 25.257 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:154 Resp: 615681
Ion Ratio Lower Upper
154 100
153 40.3 21.5 61.5
76 10.1 0.0 33.1



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

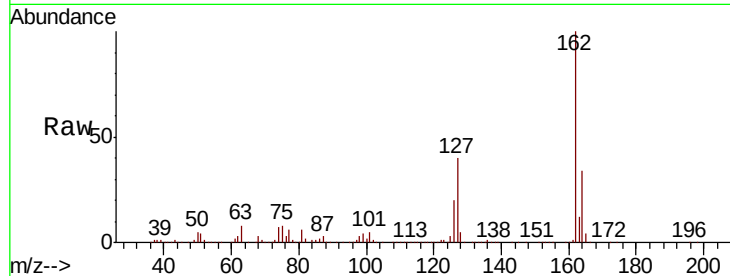




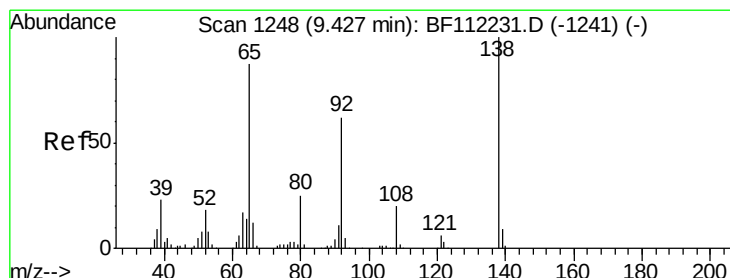
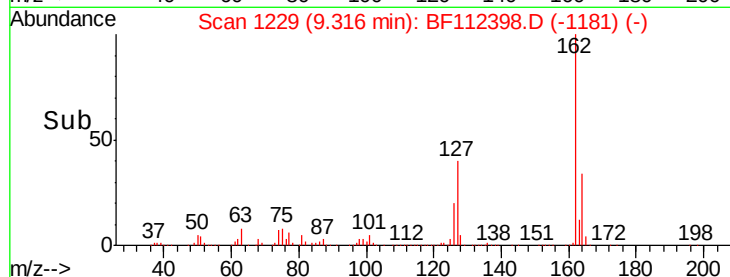
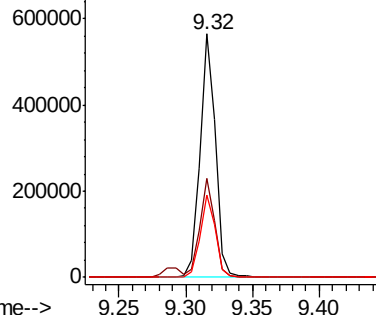
#47
 2-Chloronaphthalene
 Concen: 24.458 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.4	45.6
164	33.6	27.4	41.2

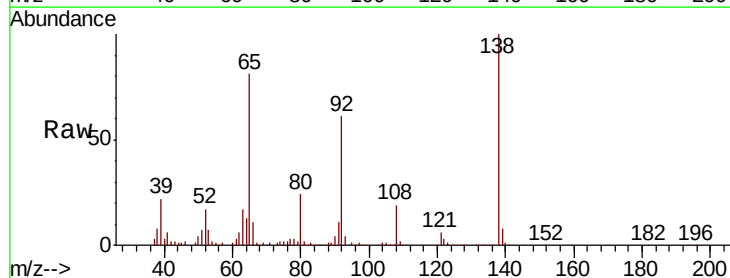


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

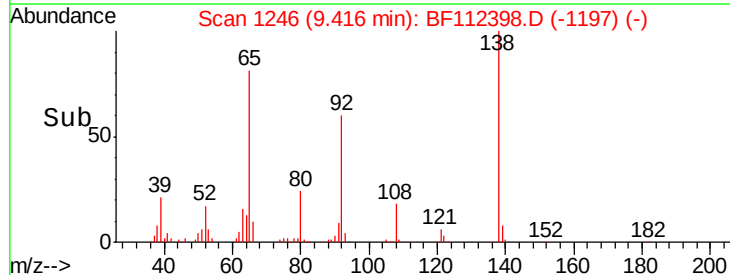
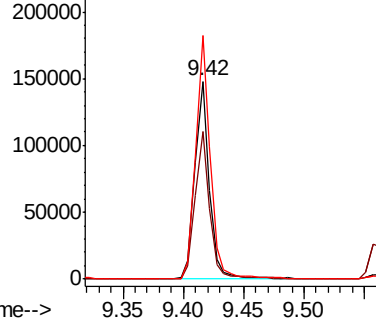


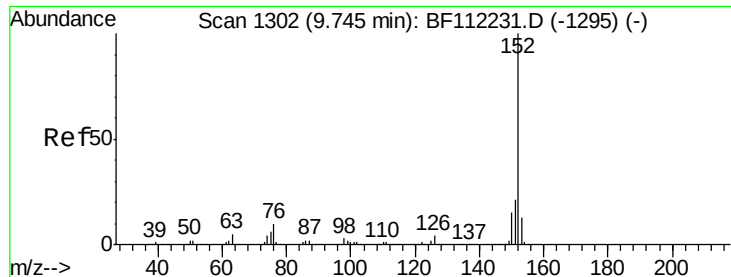
#48
 2-Nitroaniline
 Concen: 24.199 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	60.4	90.6
138	123.1	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: 25.631 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

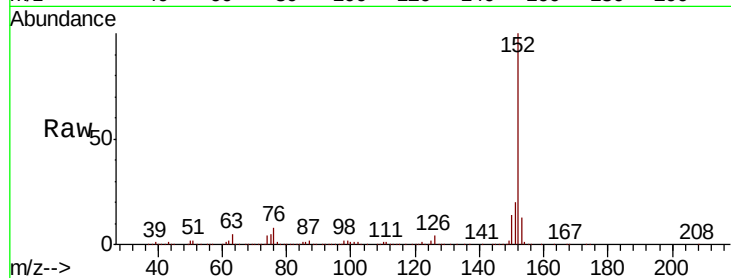
Tot Ion:152 Resp: 710137

Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.6

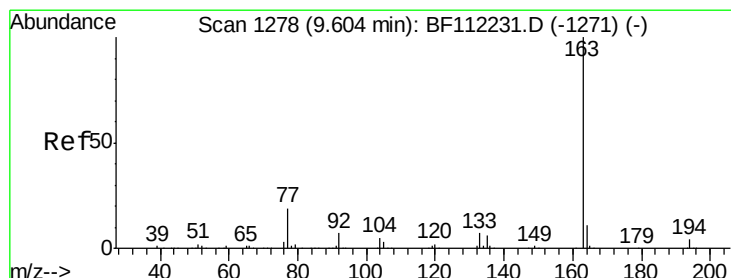
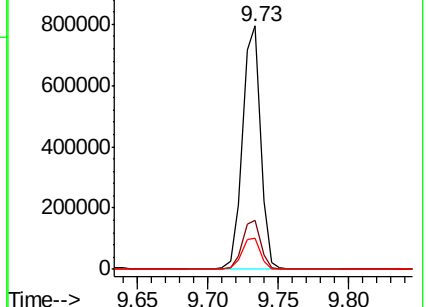
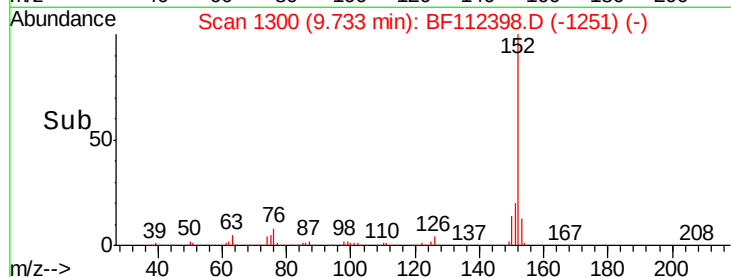
153 12.9 11.2 16.8



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: 29.151 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

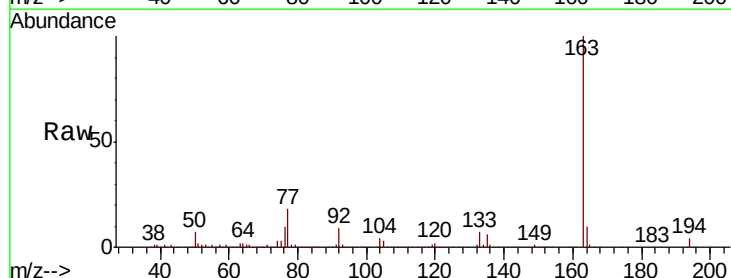
Tgt Ion:163 Resp: 631514

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

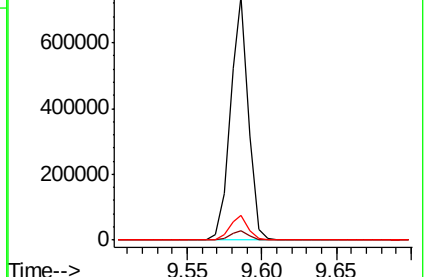
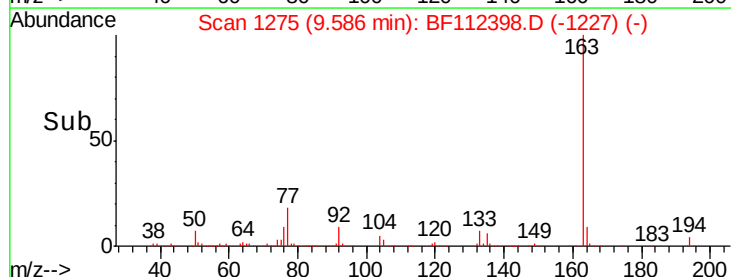
164 10.3 8.5 12.7

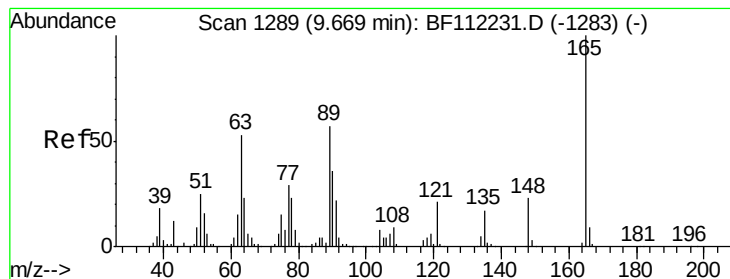


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 24.423 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

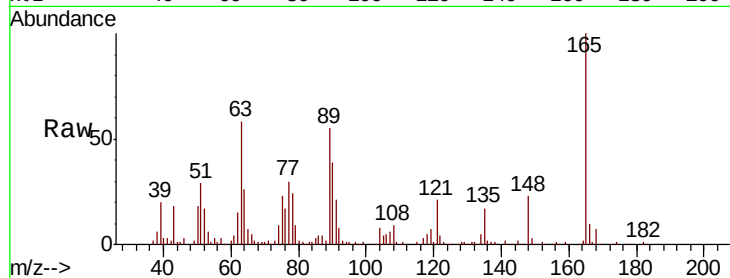
Tot Ion:165 Resp: 118497

Ion Ratio Lower Upper

165 100

63 58.1 33.8 50.8#

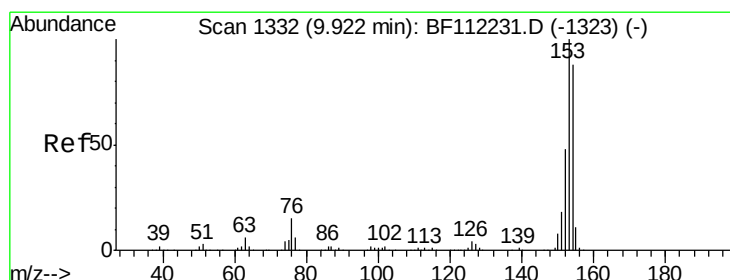
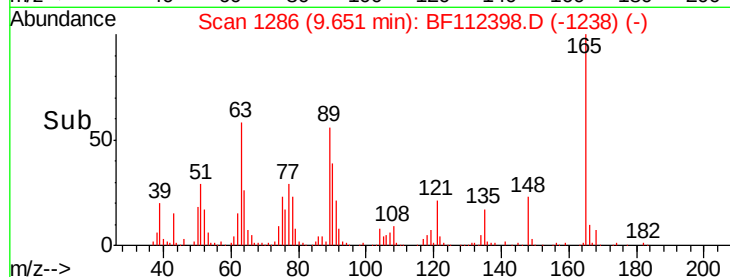
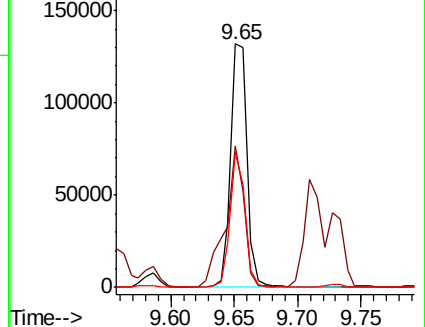
89 55.4 36.9 55.3#



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: 24.715 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

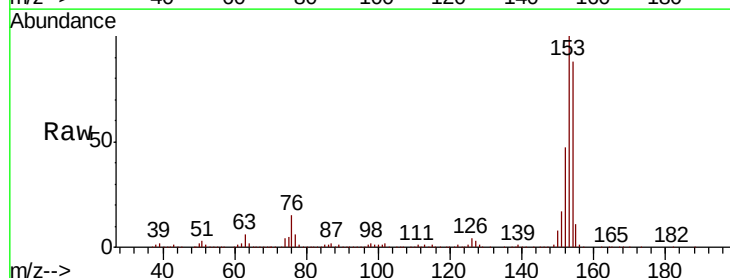
Tgt Ion:154 Resp: 409064

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

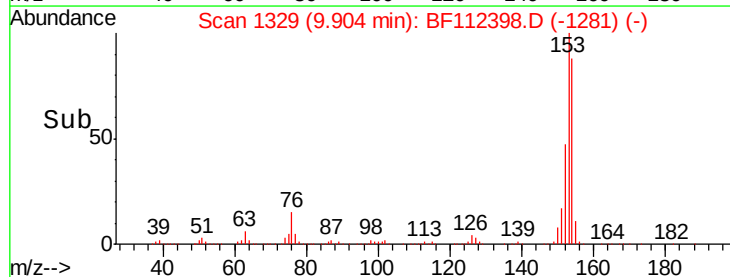
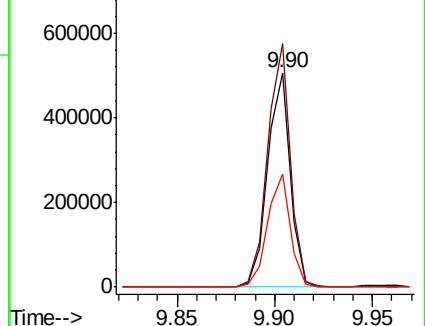
152 52.8 43.5 65.3

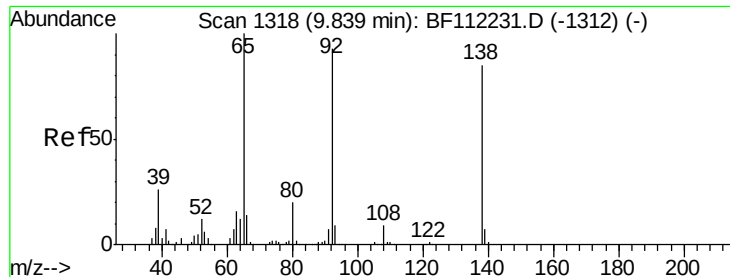


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

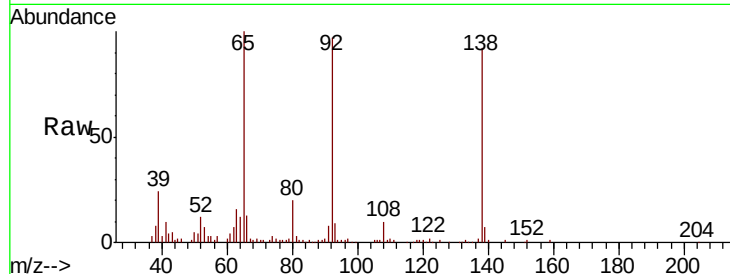




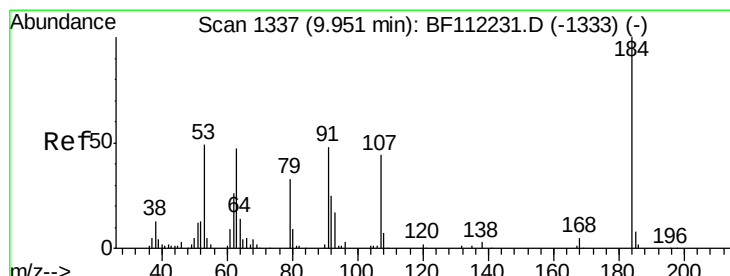
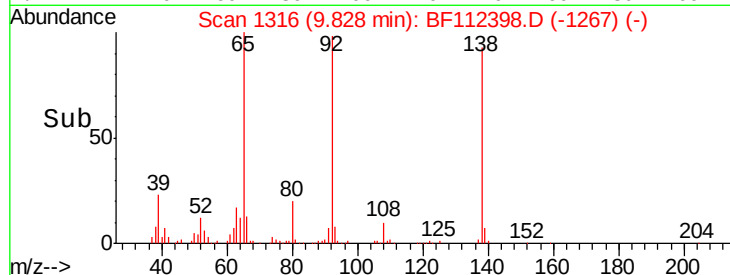
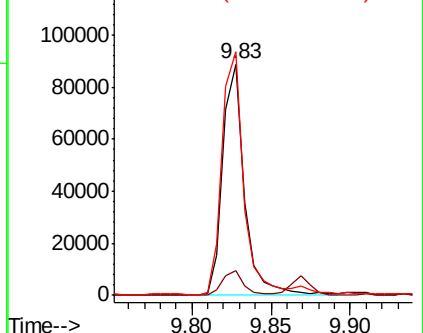
#53
3-Nitroaniline
Concen: 16.160 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 84945
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 105.5 79.4 119.2

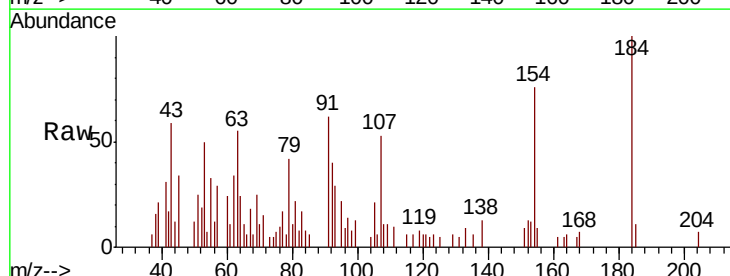


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

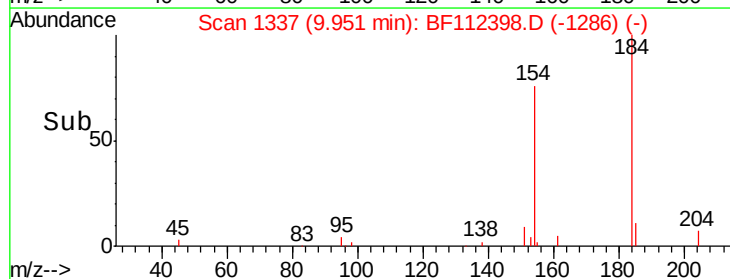
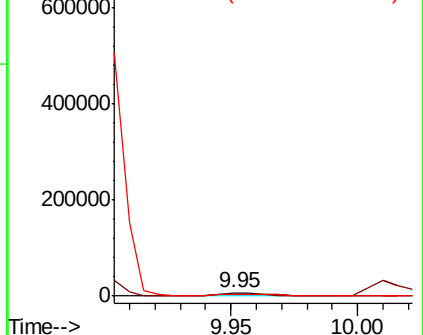


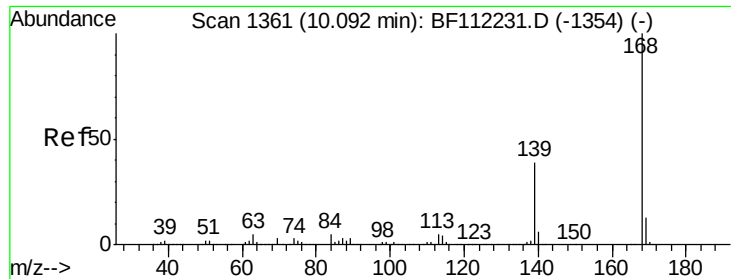
#54
2,4-Dinitrophenol
Concen: 5.665 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:184 Resp: 8821
Ion Ratio Lower Upper
184 100
63 54.6 47.1 70.7
154 76.4 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

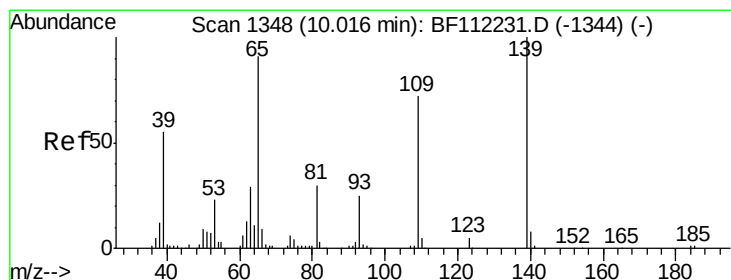
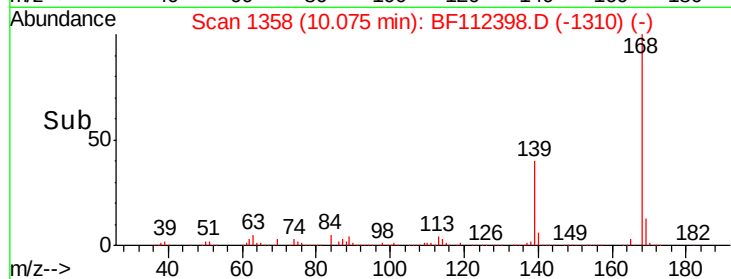
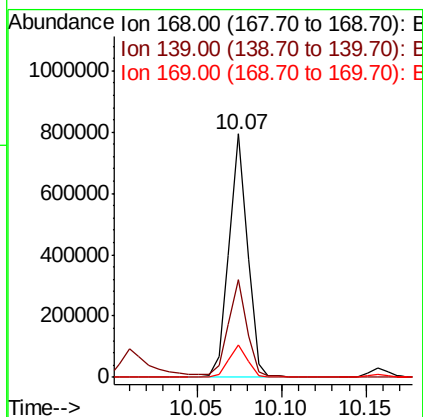
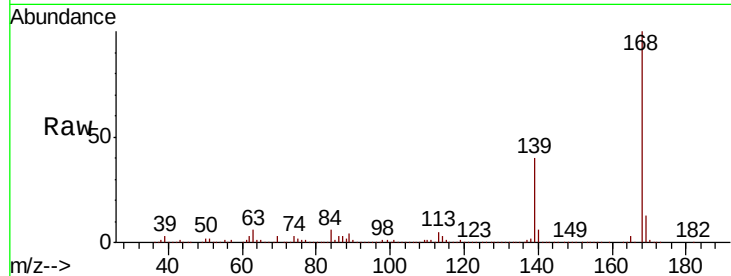




#55
Dibenzofuran
Concen: 24.006 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

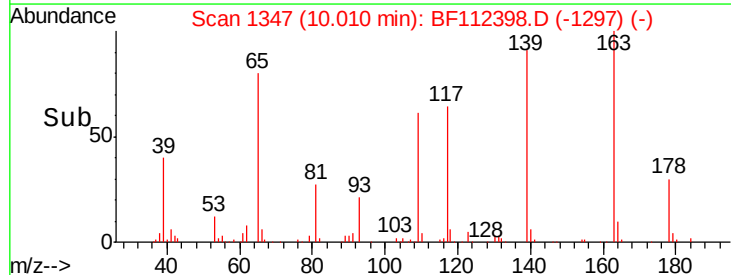
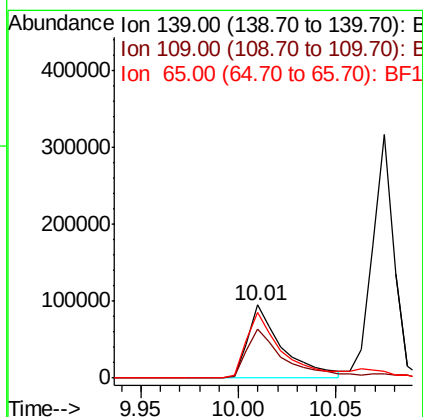
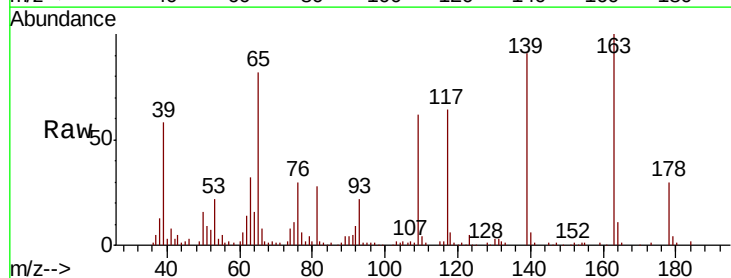
Instrument :
BNA_F
ClientSampled :

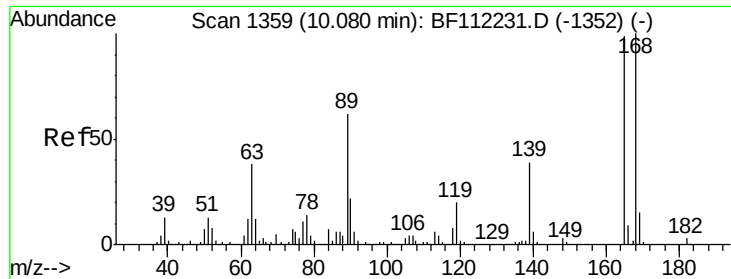
Tot Ion:168 Resp: 607166
Ion Ratio Lower Upper
168 100
139 39.9 29.2 43.8
169 13.4 11.4 17.0



#56
4-Nitrophenol
Concen: 41.775 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:139 Resp: 116093
Ion Ratio Lower Upper
139 100
109 68.0 42.8 82.8
65 90.1 66.1 106.1

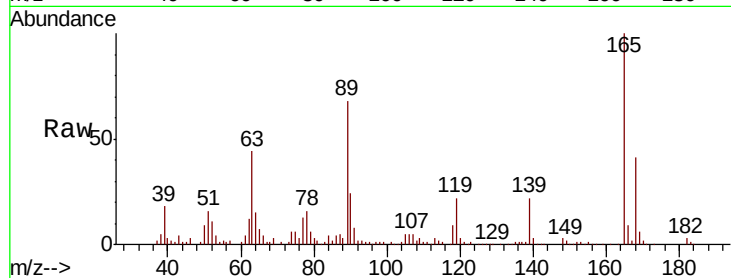




#57
 2,4-Dinitrotoluene
 Concen: 23.546 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	27.9	41.9#
89	67.8	47.9	71.9
182	3.2	2.2	3.4



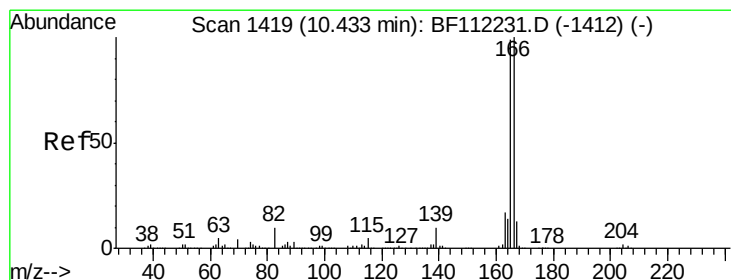
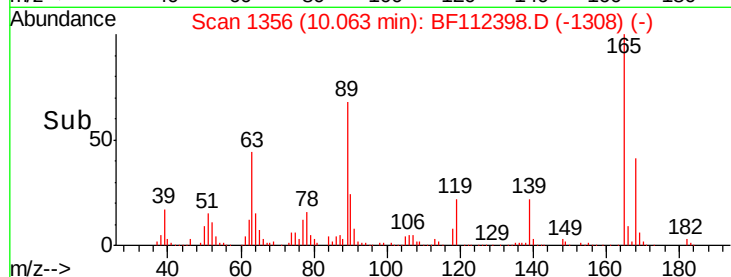
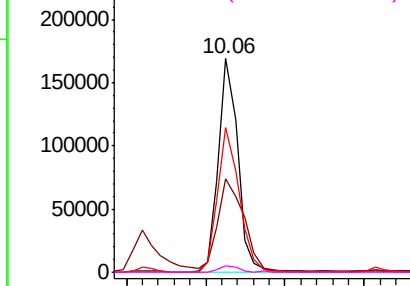
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

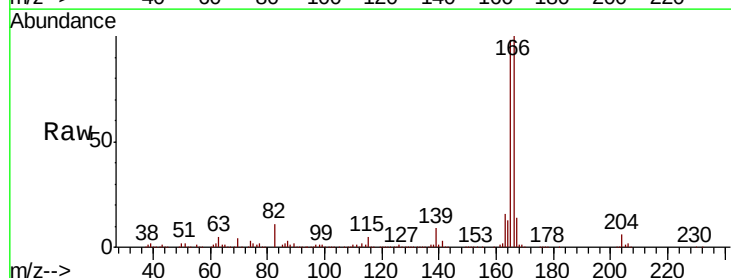
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 25.465 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.1	115.7
167	13.5	11.3	16.9

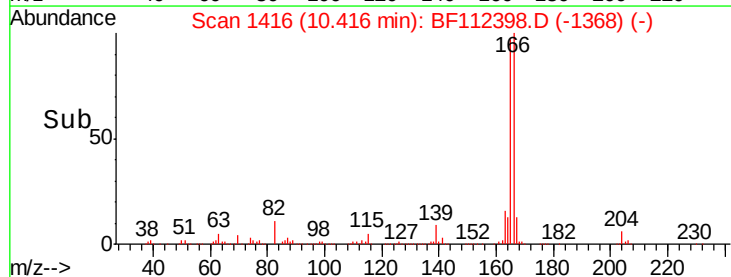
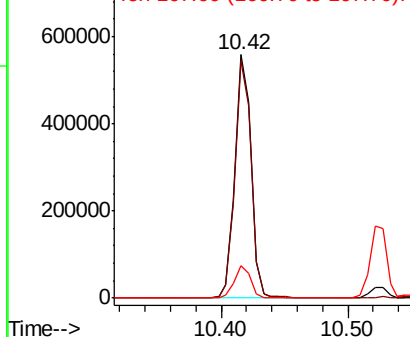


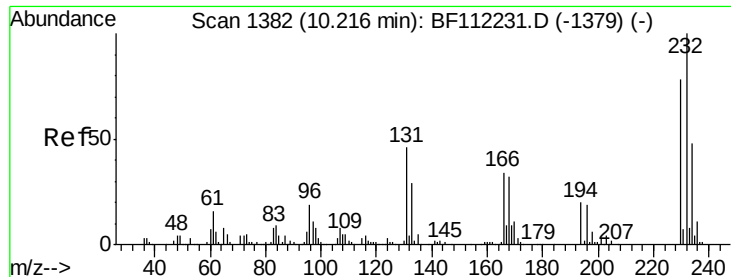
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

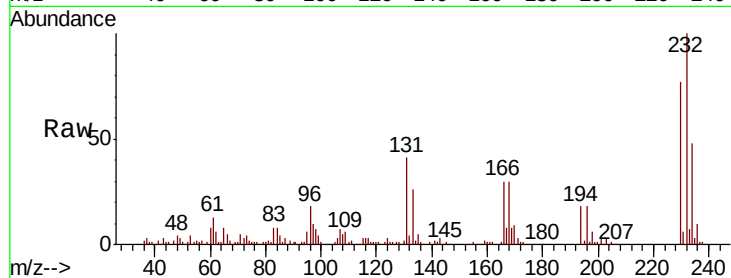




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.947 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	33.9	50.9
130	3.2	1.8	2.6
166	30.4	23.6	35.4



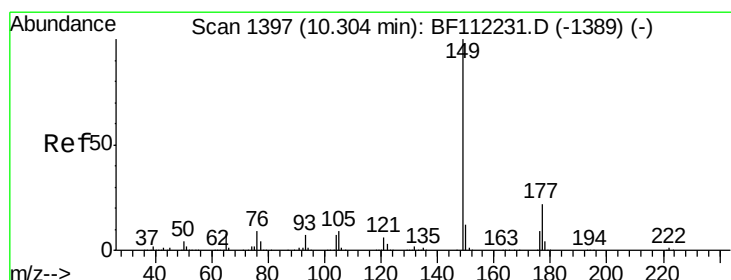
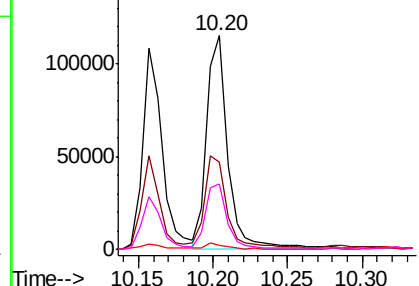
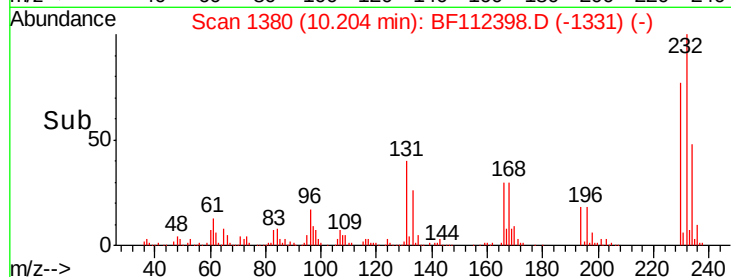
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

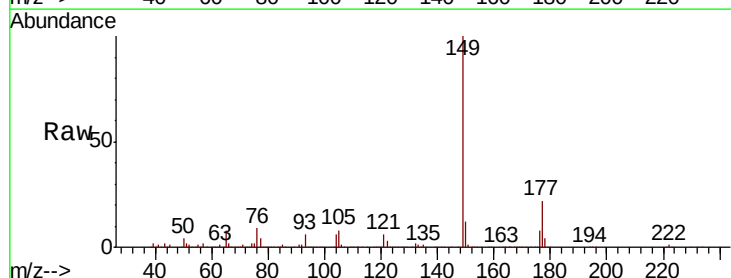
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 24.537 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.3	10.4	15.6

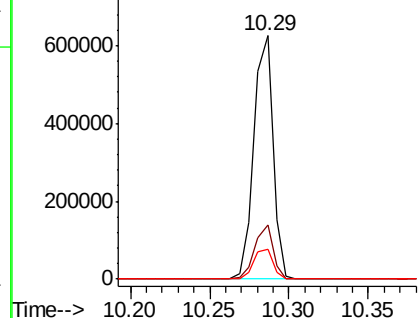
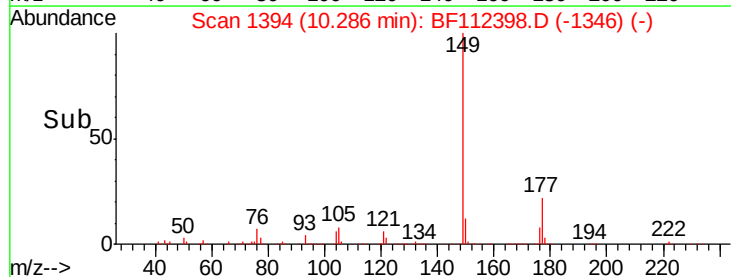


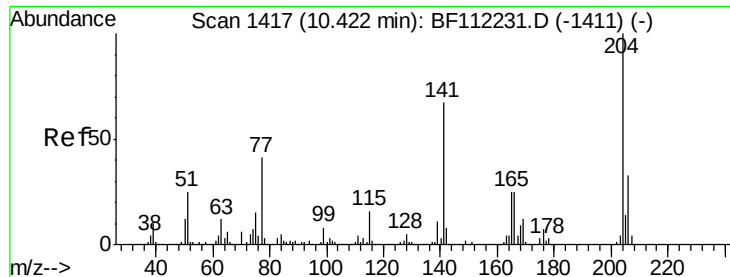
Abundance

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

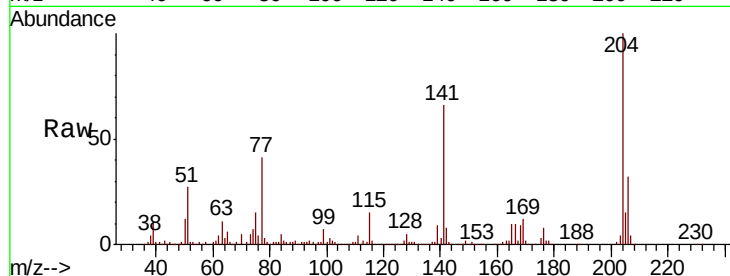




#61
4-Chlorophenyl-phenylether
Concen: 22.725 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	66.1	45.9	68.9

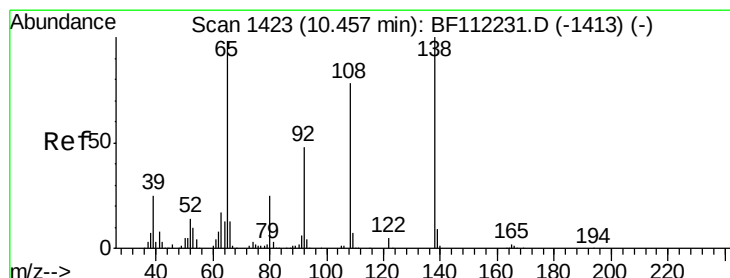
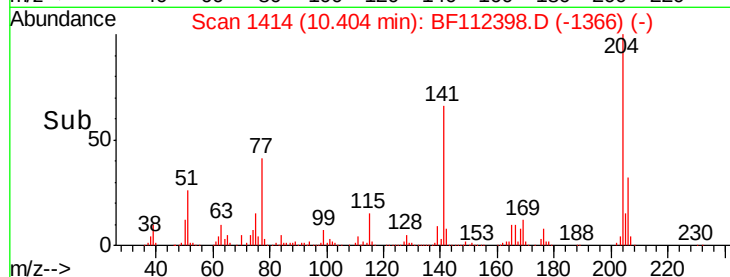
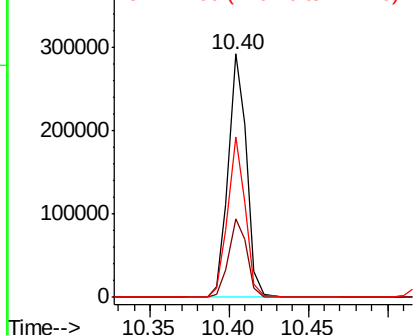


Abundance

Ion 204.00 (203.70 to 204.70): E

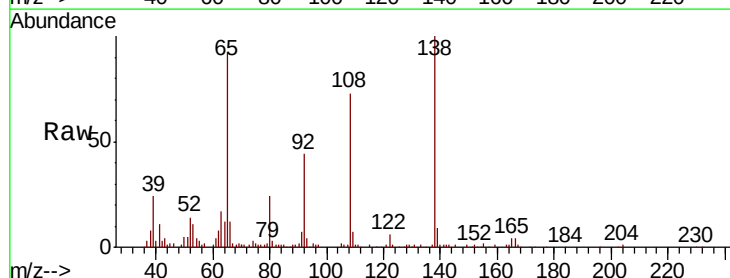
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 19.072 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.4	30.6	70.6
108	72.6	50.0	90.0

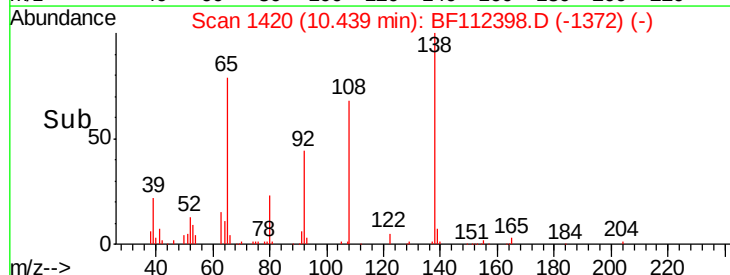
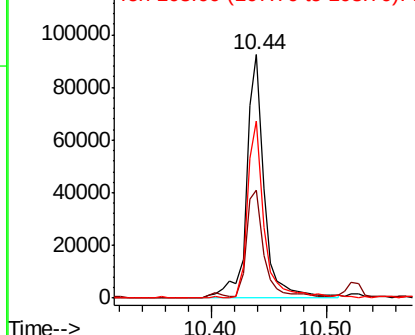


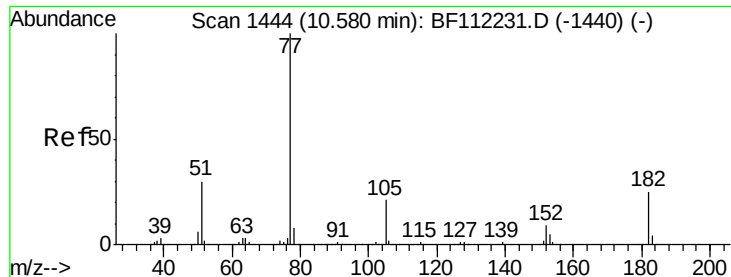
Abundance

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

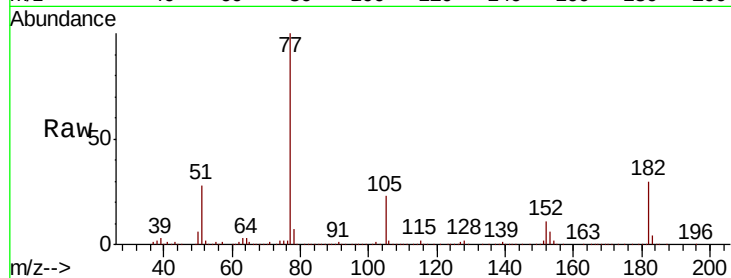




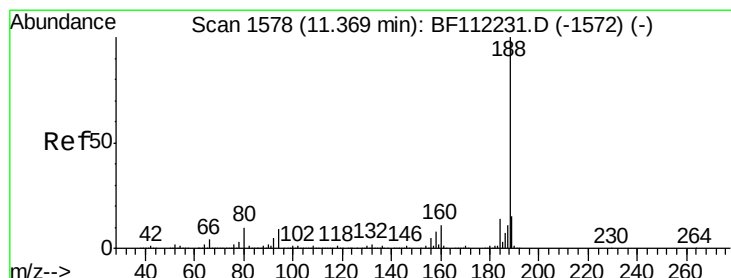
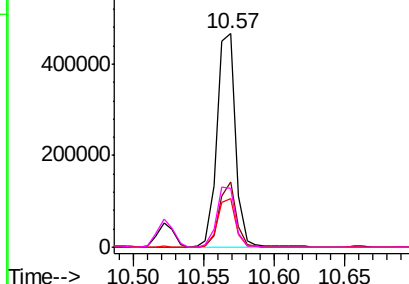
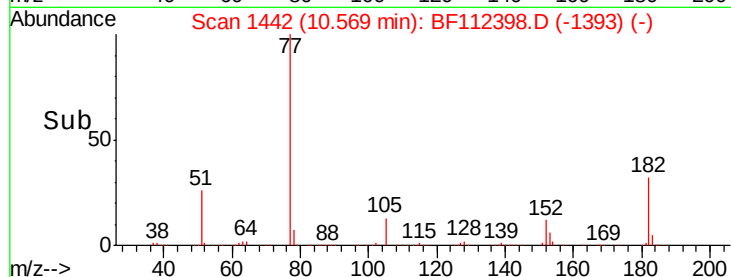
#63
Azobenzene
Concen: 22.310 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 421836
Ion Ratio Lower Upper
77 100
182 30.4 5.7 45.7
105 22.5 1.4 41.4
51 27.6 9.5 49.5

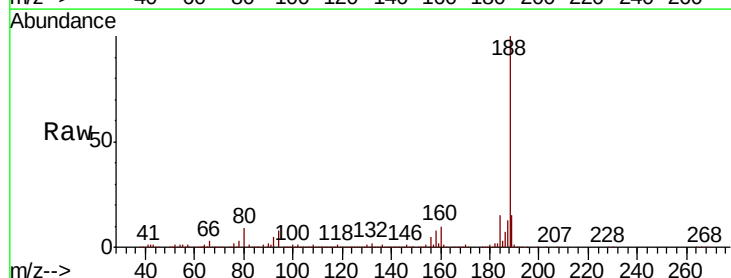


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

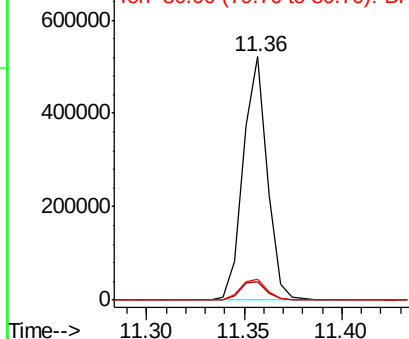
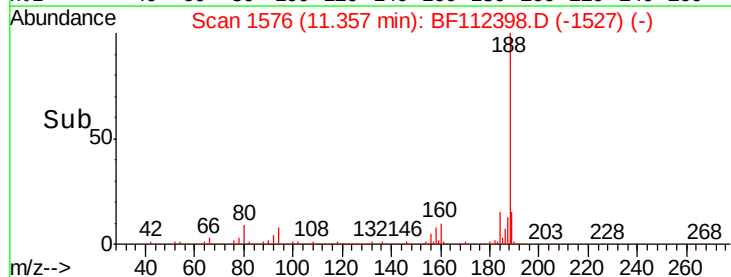


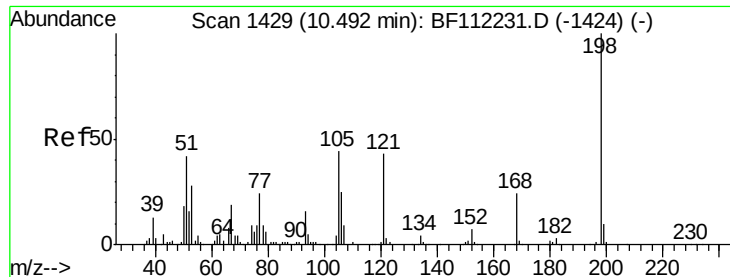
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion: 188 Resp: 445348
Ion Ratio Lower Upper
188 100
94 7.8 8.2 12.2#
80 8.8 8.9 13.3#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 6.561 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

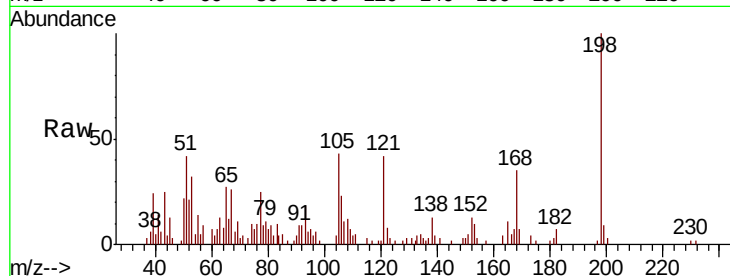
Tot Ion:198 Resp: 16381

Ion Ratio Lower Upper

198 100

51 41.6 17.2 57.2

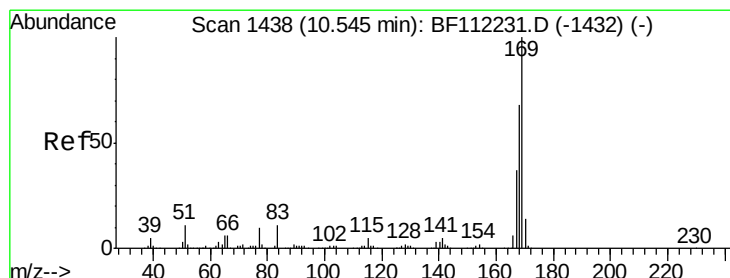
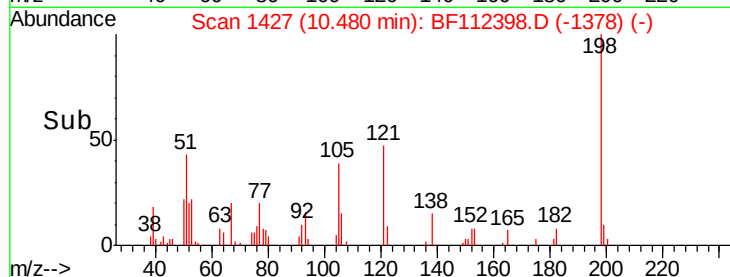
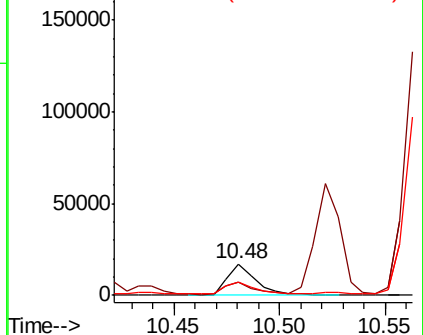
105 43.1 21.9 61.9



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: 27.903 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

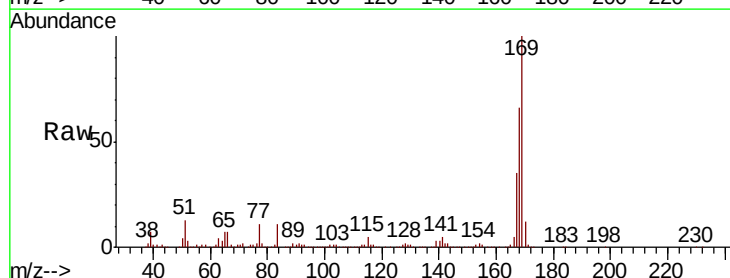
Tgt Ion:169 Resp: 418816

Ion Ratio Lower Upper

169 100

168 65.8 53.9 80.9

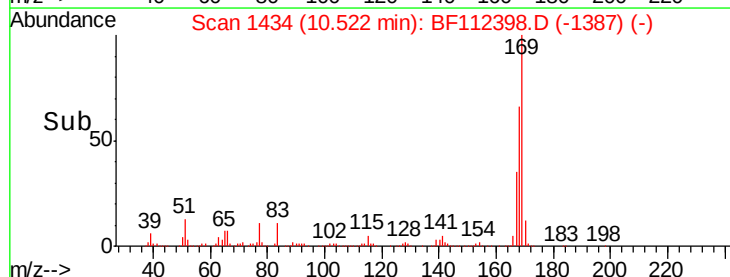
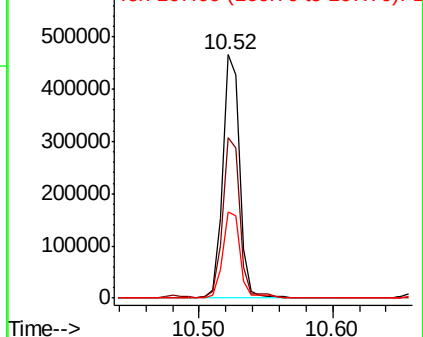
167 35.4 28.9 43.3

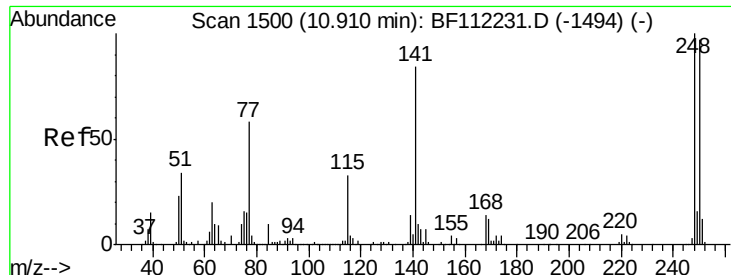


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

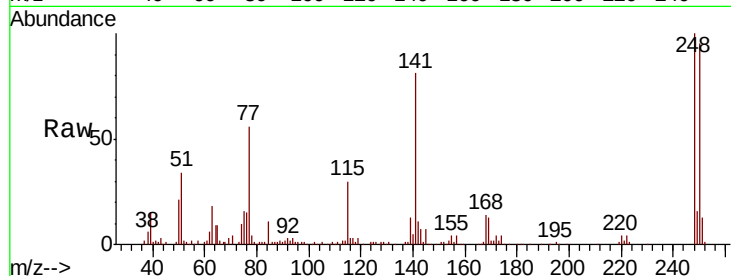




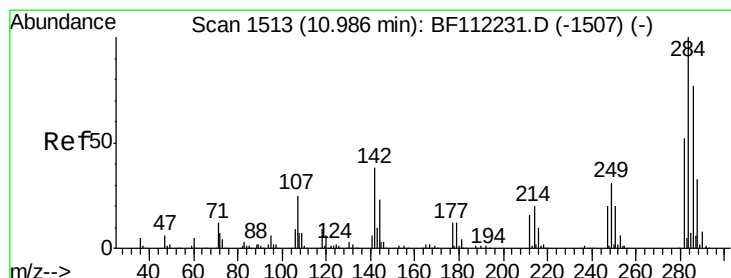
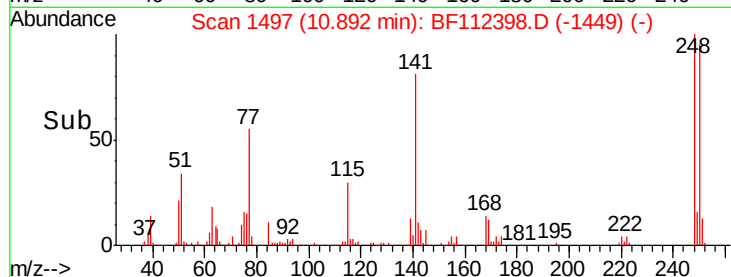
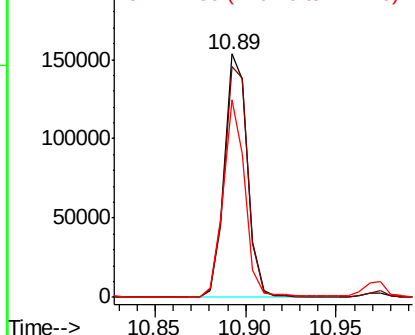
#67
4-Bromophenyl-phenylether
Concen: 26.001 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 136192
Ion Ratio Lower Upper
248 100
250 94.7 79.7 119.5
141 81.1 60.3 90.5

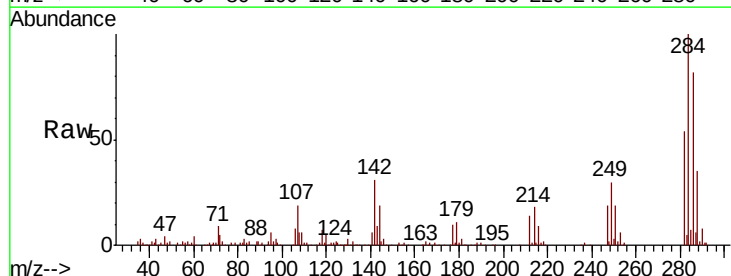


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

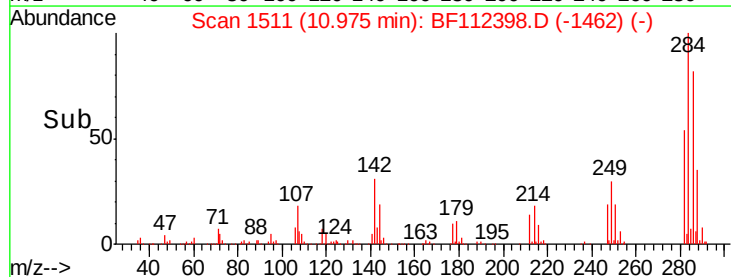
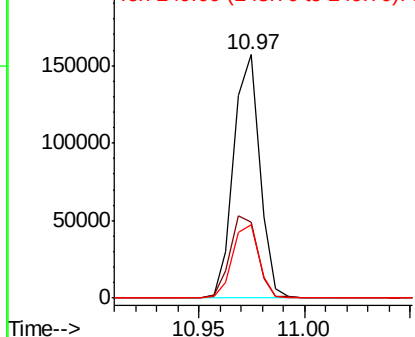


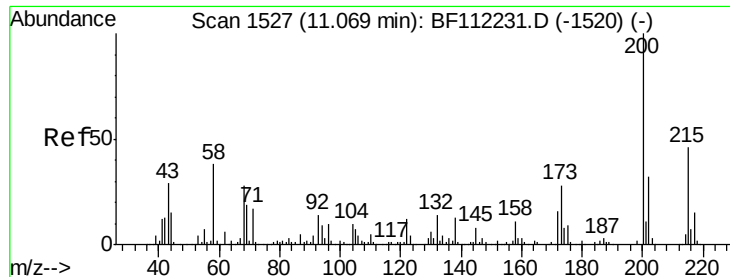
#68
Hexachlorobenzene
Concen: 23.871 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:284 Resp: 134149
Ion Ratio Lower Upper
284 100
142 31.4 27.6 41.4
249 29.9 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

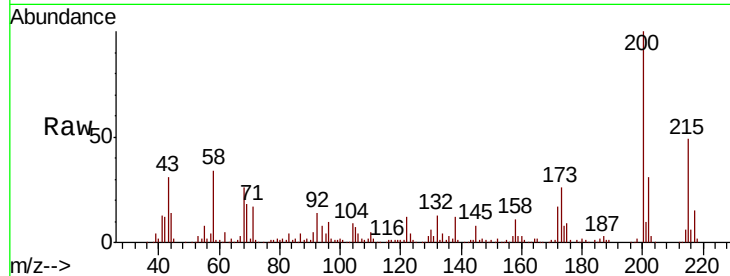




#69
 Atrazine
 Concen: 25.954 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.1	47.1
215	49.3	30.4	70.4

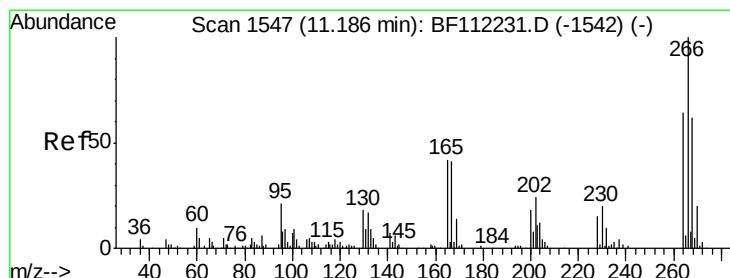
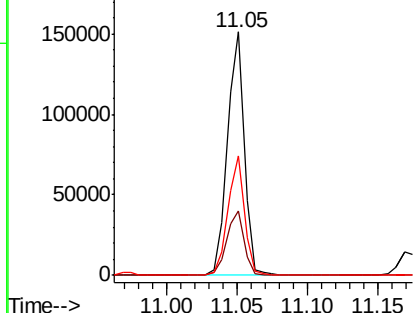
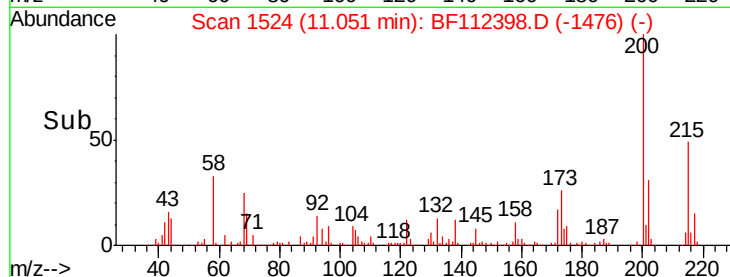


Abundance

Ion 200.00 (199.70 to 200.70): E

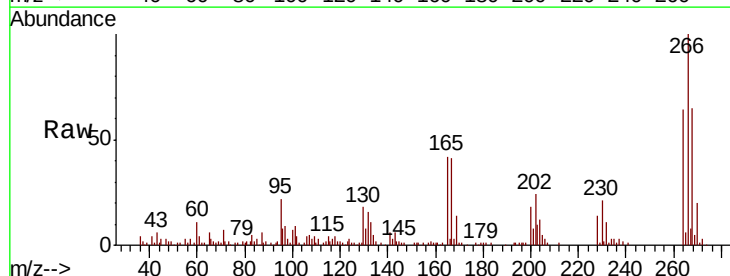
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 42.797 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.2	76.8
264	64.3	50.9	76.3

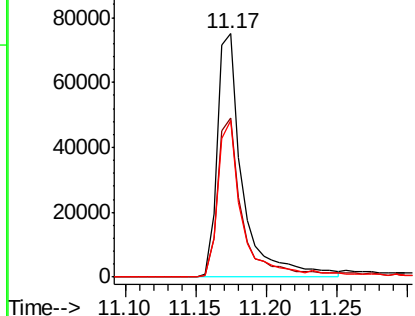
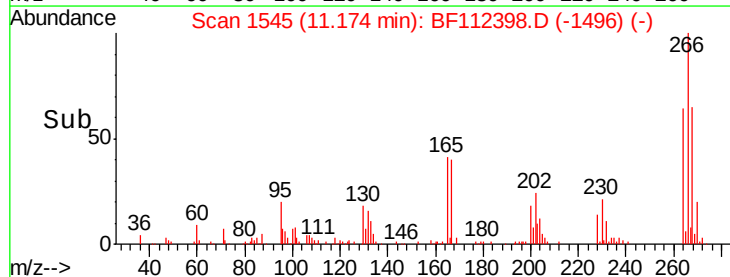


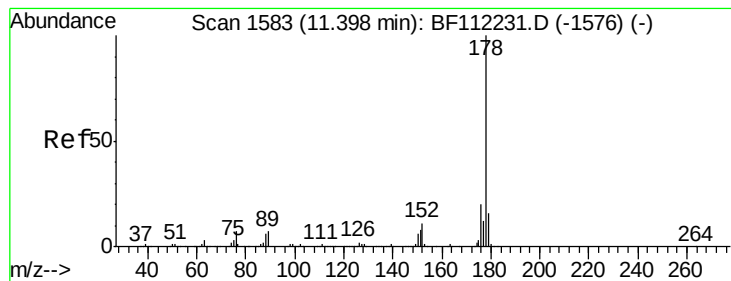
Abundance

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: 27.234 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

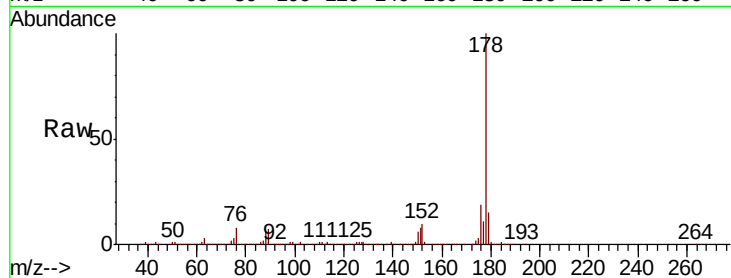
Tot Ion:178 Resp: 630546

Ion Ratio Lower Upper

178 100

176 19.0 16.3 24.5

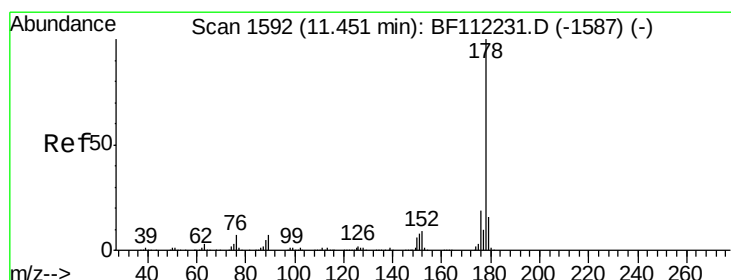
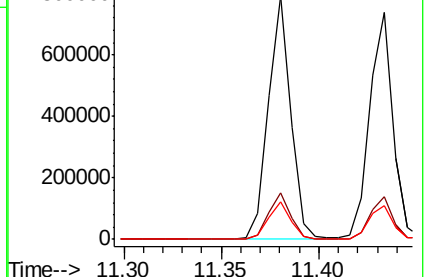
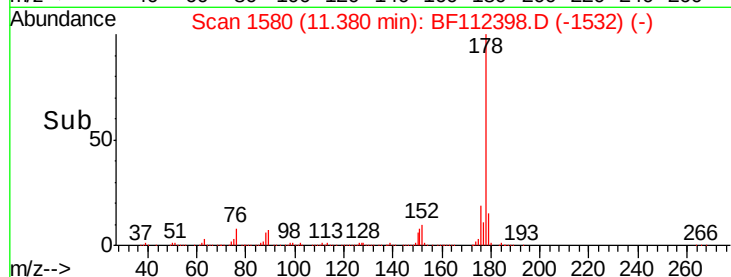
179 15.5 13.0 19.4



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: 26.704 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

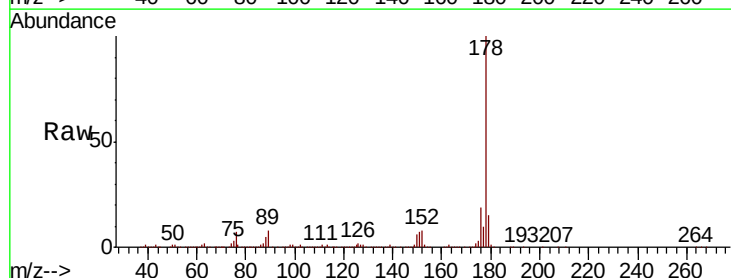
Tgt Ion:178 Resp: 615893

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

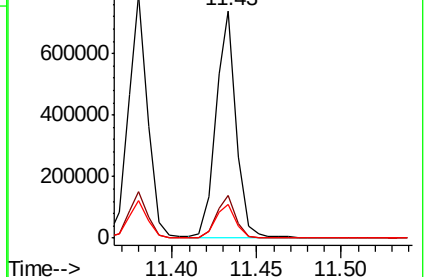
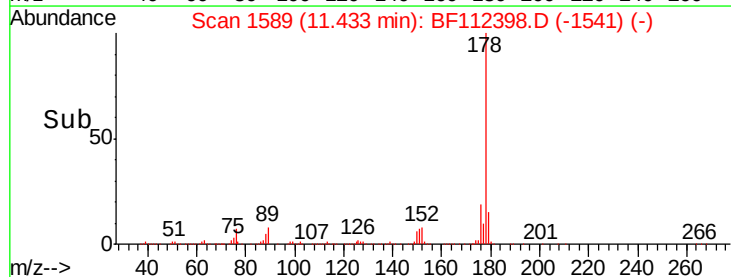
179 15.1 12.8 19.2

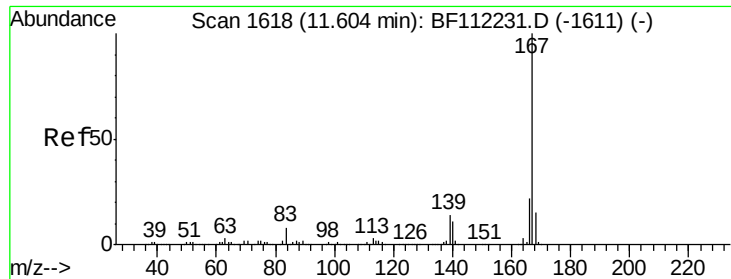


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

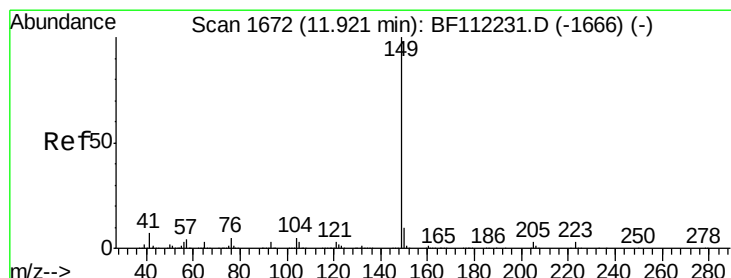
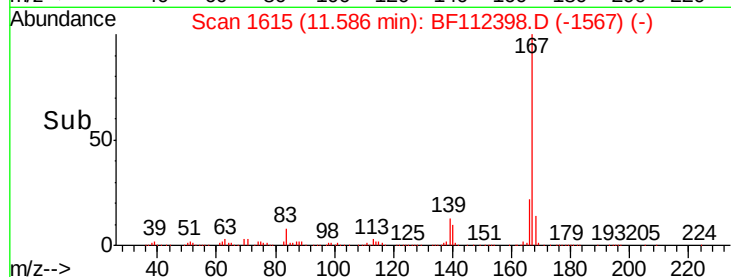
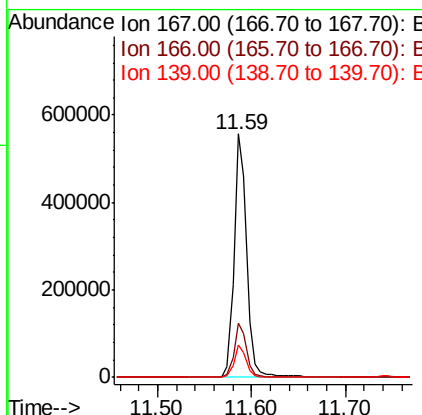
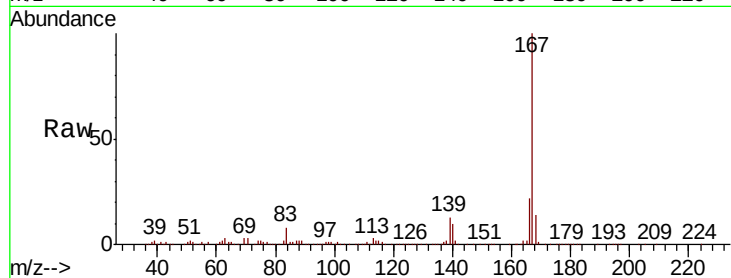




#73
 Carbazole
 Concen: 22.610 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

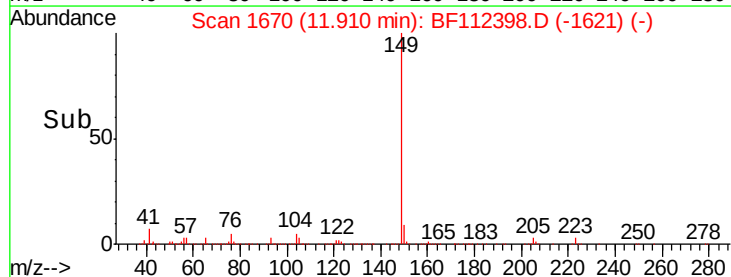
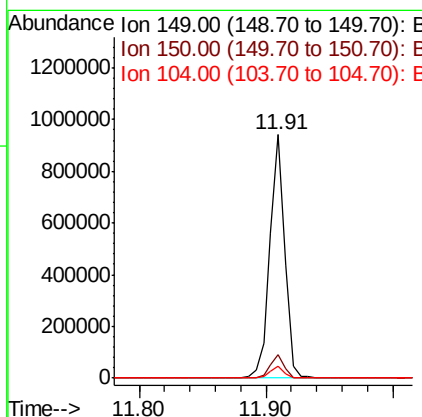
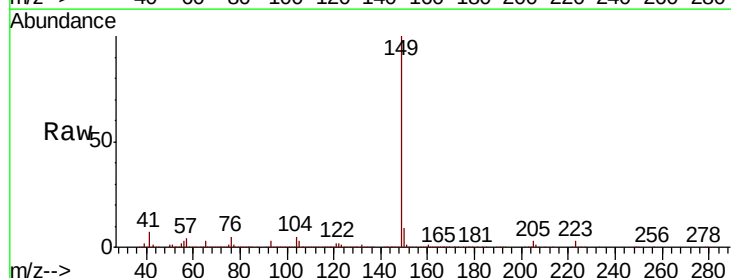
Instrument :
 BNA_F
 ClientSampleId :

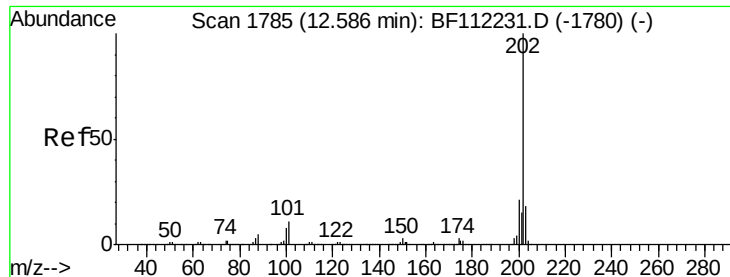
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	13.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 27.161 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112398.D
 Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 23.581 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112398.D

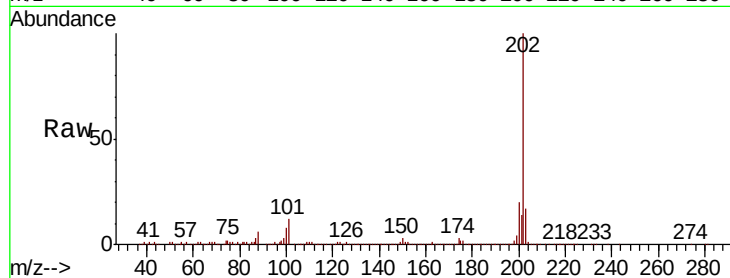
Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

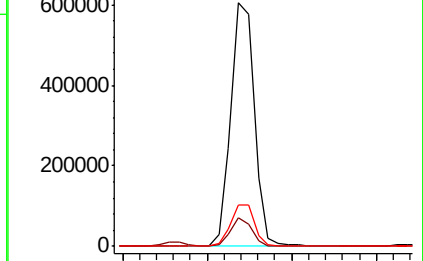
Tot Ion:	202	Resp:	585586
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.8
203	17.2	0.0	38.4



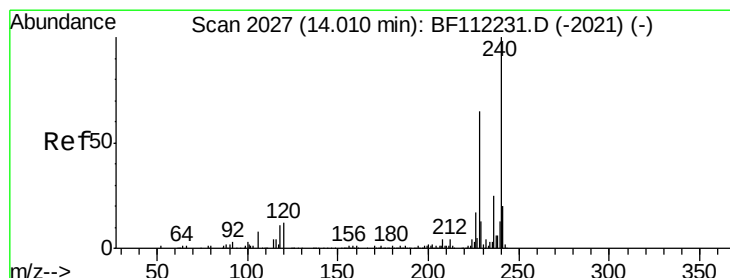
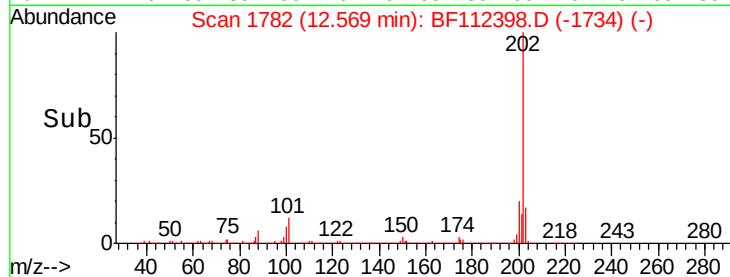
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

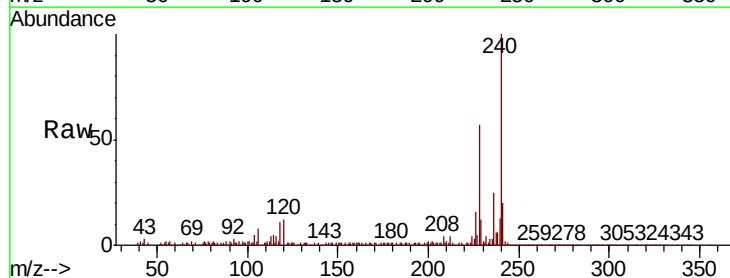
RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

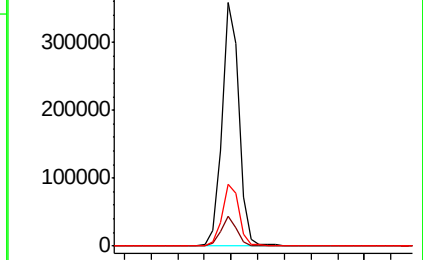
Tgt Ion:	240	Resp:	321162
Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.4	20.7	31.1



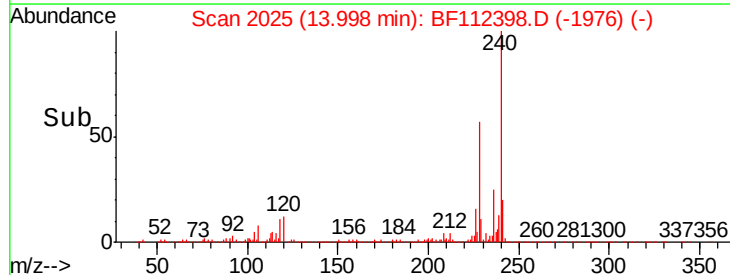
Abundance Ion 240.00 (239.70 to 240.70): E

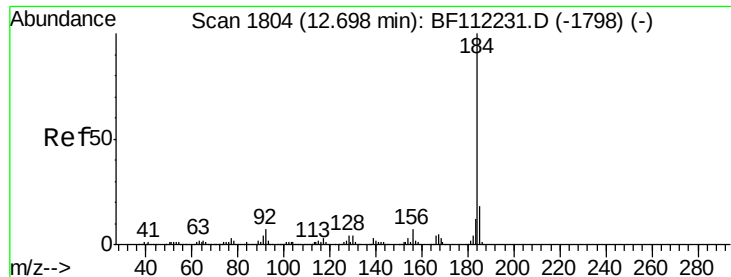
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 17.300 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

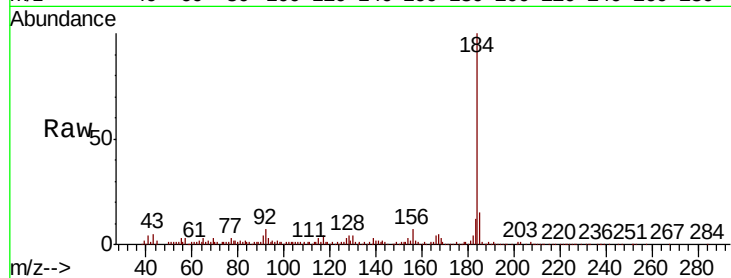
Tot Ion:184 Resp: 152926

Ion Ratio Lower Upper

184 100

185 15.2 13.9 20.9

183 12.2 10.0 15.0

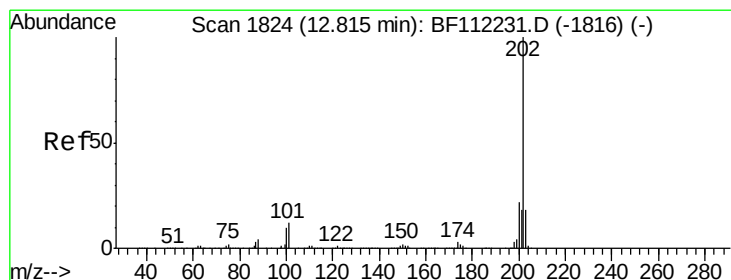
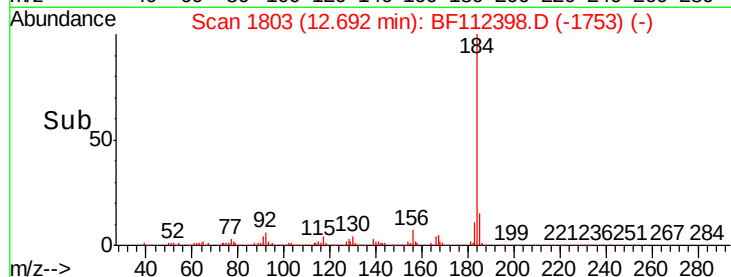
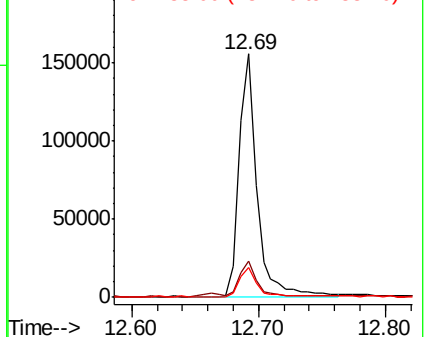


Abundance

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: 26.551 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

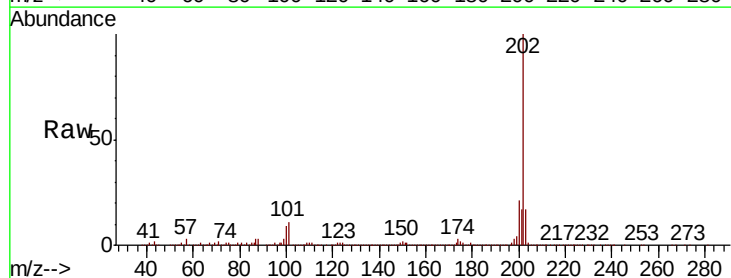
Tgt Ion:202 Resp: 590376

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

203 17.2 14.6 22.0

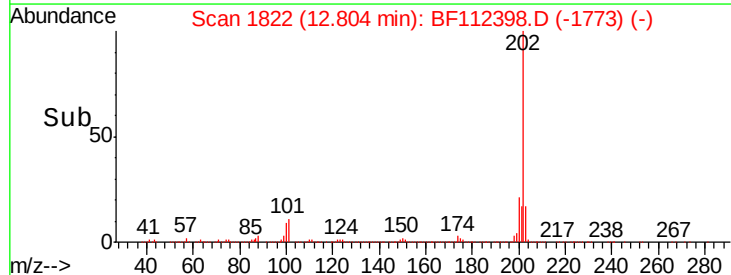
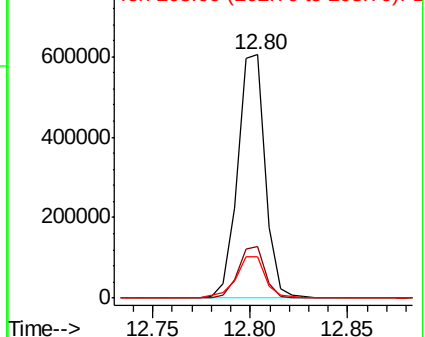


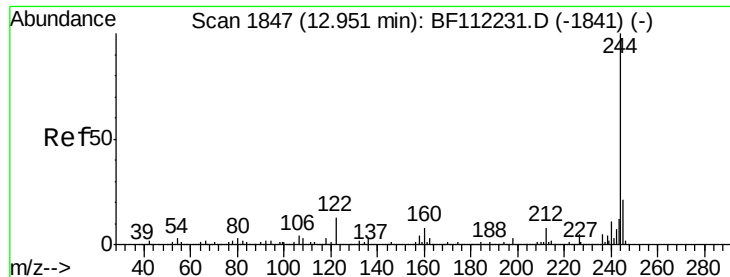
Abundance

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: 43.827 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampled :

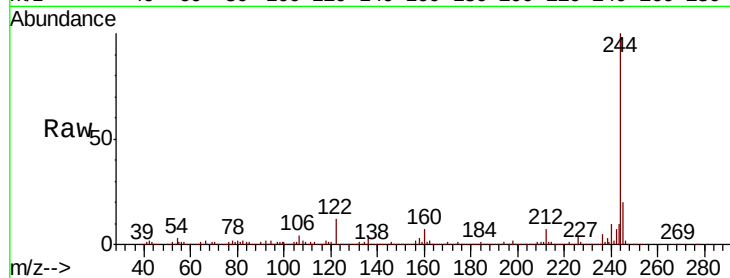
Tot Ion:244 Resp: 747337

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

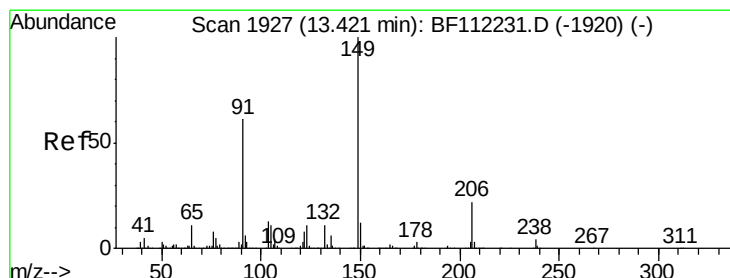
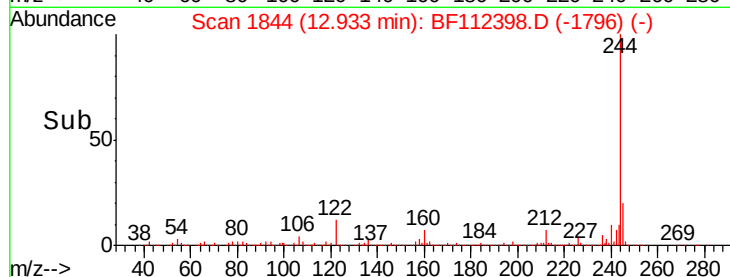
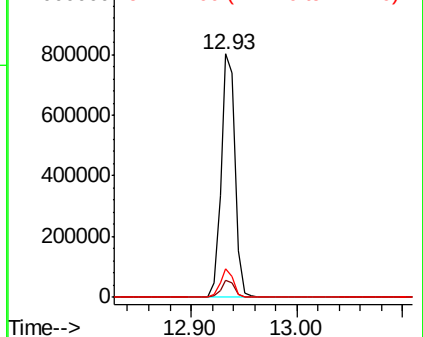
122 11.7 9.8 14.6



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: 23.148 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

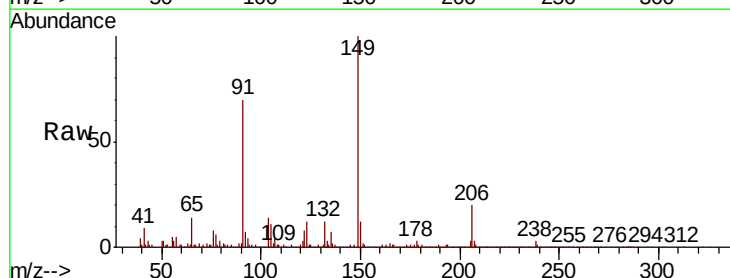
Tgt Ion:149 Resp: 249019

Ion Ratio Lower Upper

149 100

91 70.1 50.3 75.5

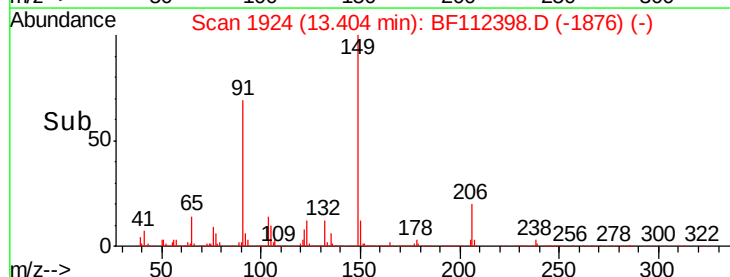
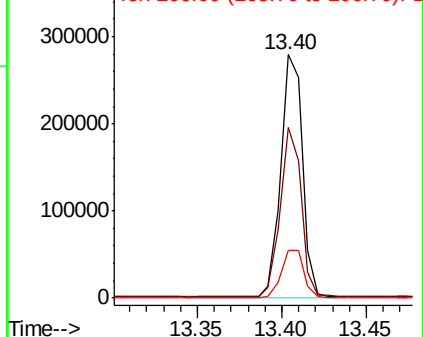
206 19.6 18.2 27.4

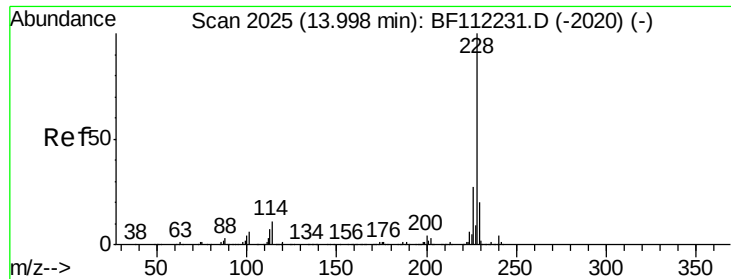


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

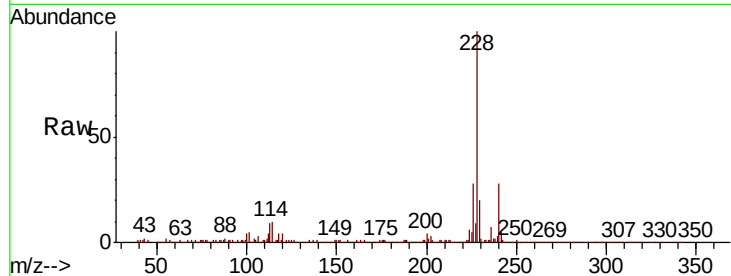




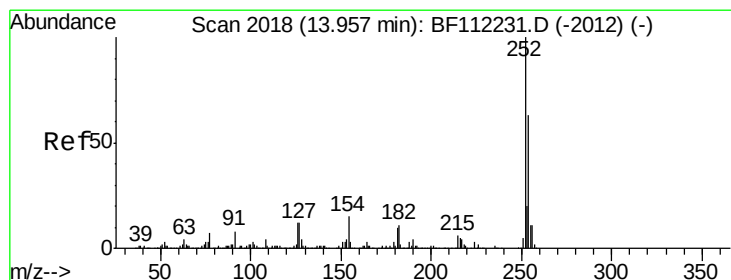
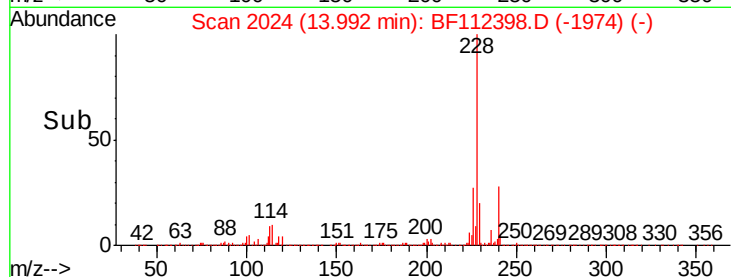
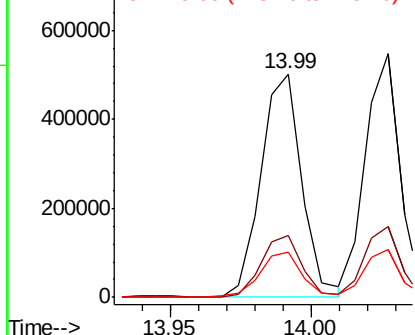
#81
Benzo(a)anthracene
Concen: 26.546 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 501172
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 20.1 16.5 24.7

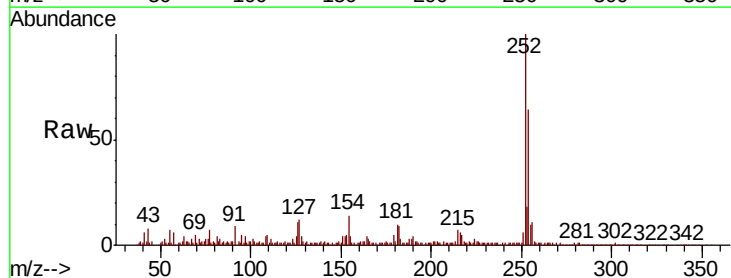


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

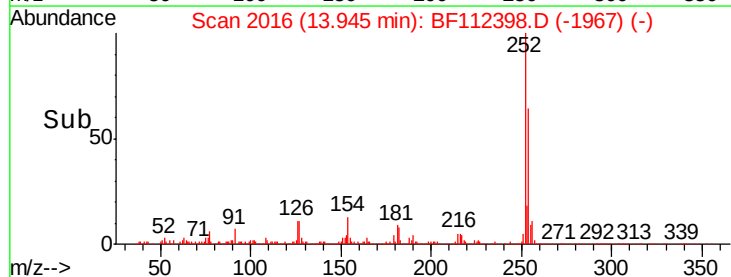
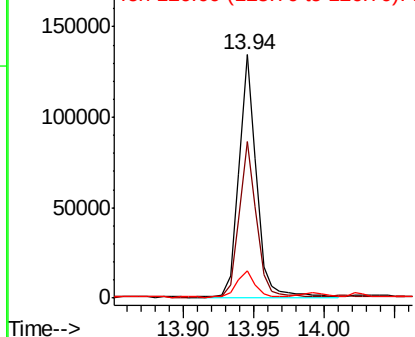


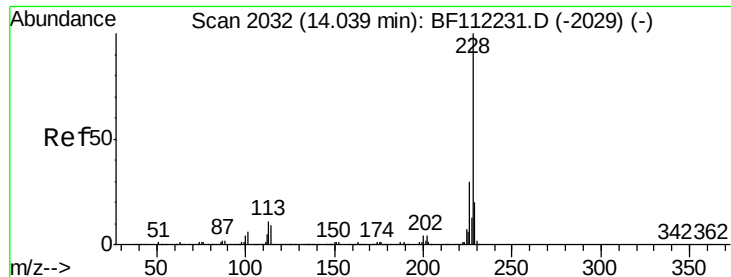
#82
3,3'-Dichlorobenzidine
Concen: 16.337 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:252 Resp: 115430
Ion Ratio Lower Upper
252 100
254 64.1 51.6 77.4
126 11.3 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

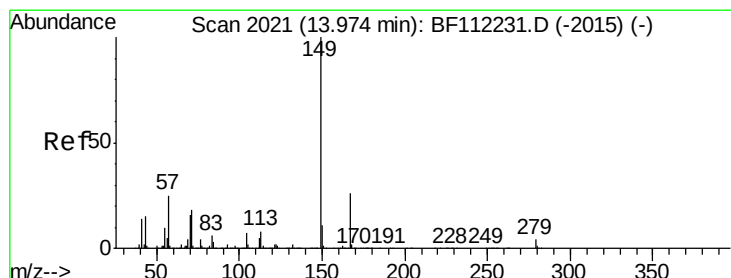
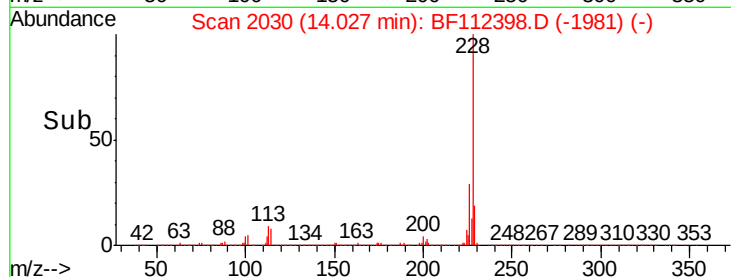
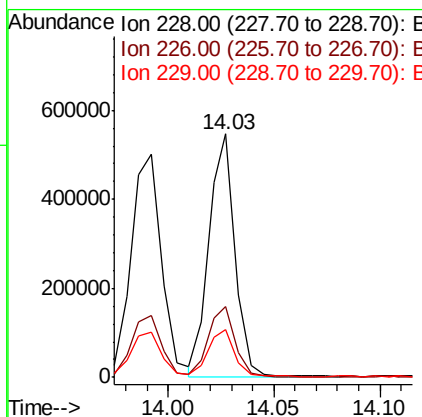
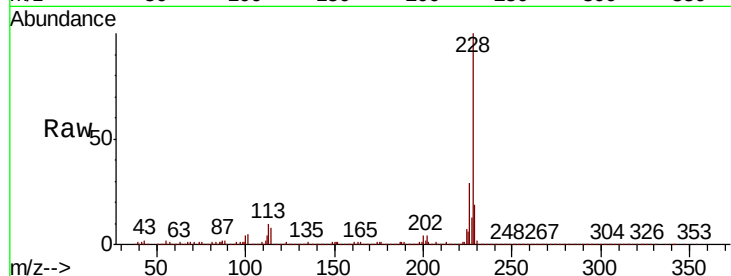




#83
Chrysene
Concen: 25.929 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

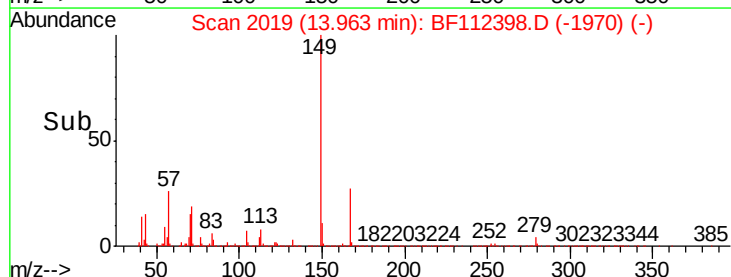
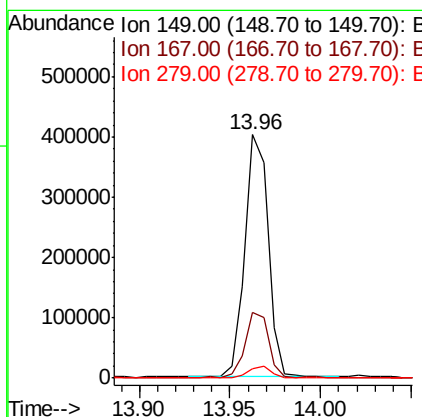
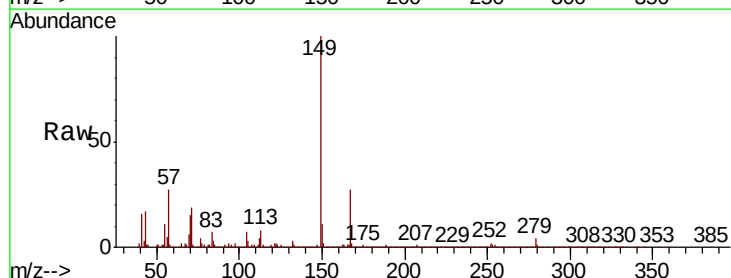
Instrument :
BNA_F
ClientSampleId :

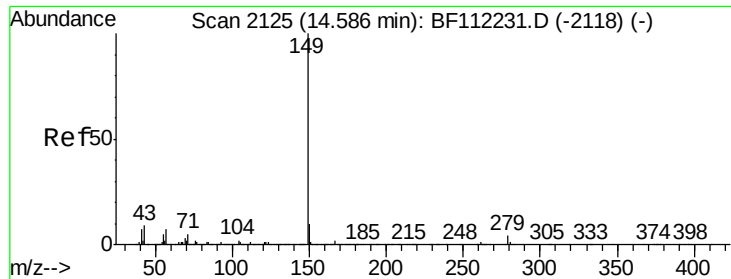
Tot Ion:228 Resp: 467273
Ion Ratio Lower Upper
228 100
226 29.3 25.0 37.6
229 19.4 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.615 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion:149 Resp: 360623
Ion Ratio Lower Upper
149 100
167 27.0 22.5 33.7
279 3.7 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 25.067 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112398.D

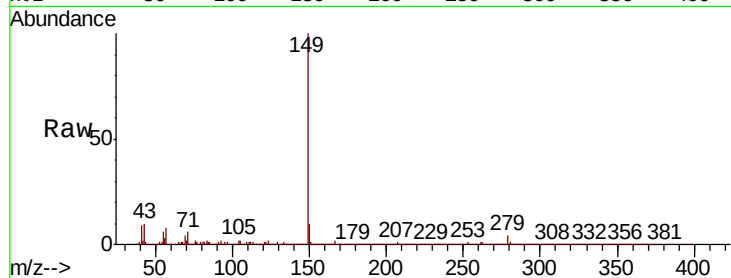
Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

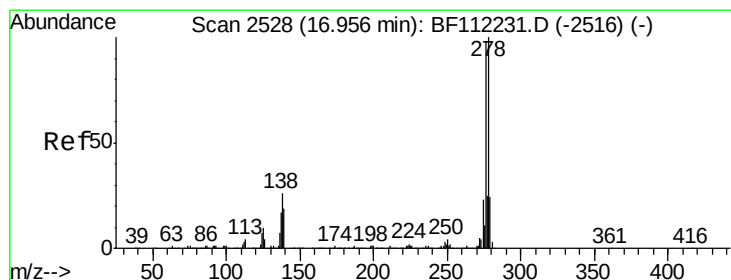
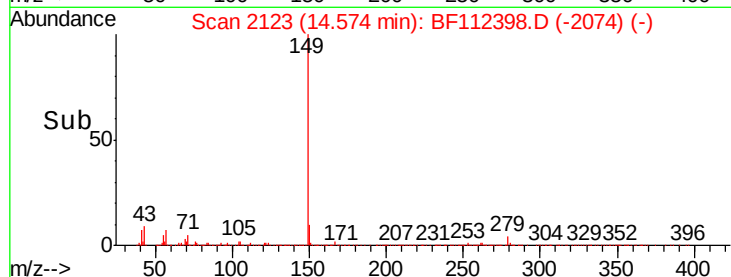
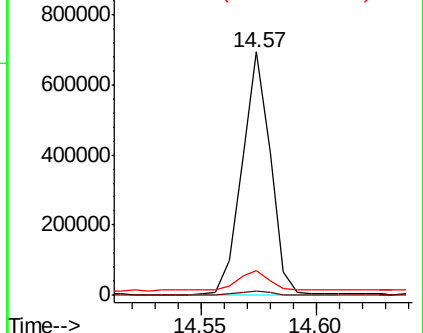
Tot Ion:	149	Resp:	588947
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.8	11.6



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: 25.307 ng

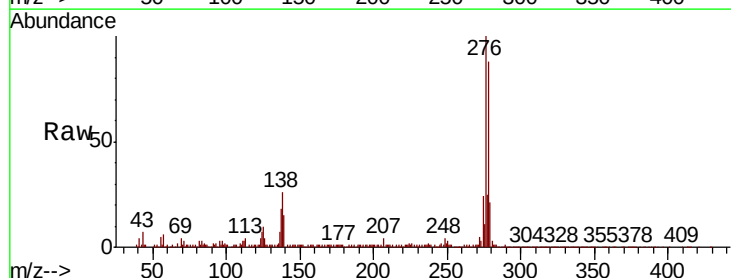
RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

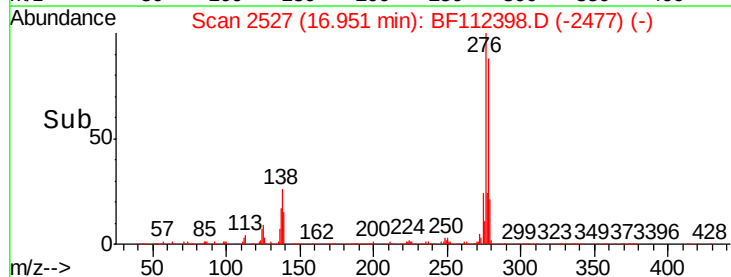
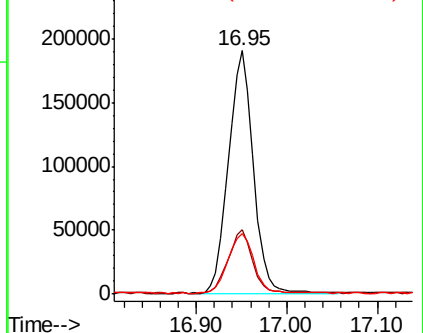
Tgt Ion:	276	Resp:	361385
Ion	Ratio	Lower	Upper
276	100		
138	25.4	22.6	34.0
277	25.3	20.3	30.5

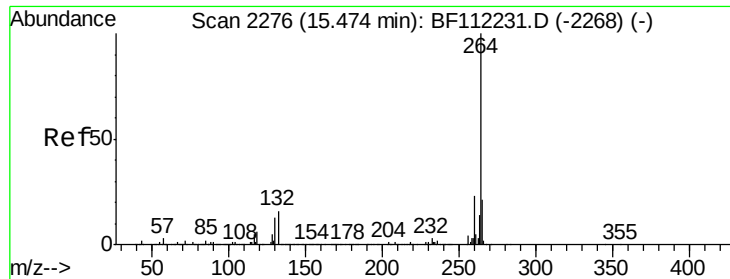


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

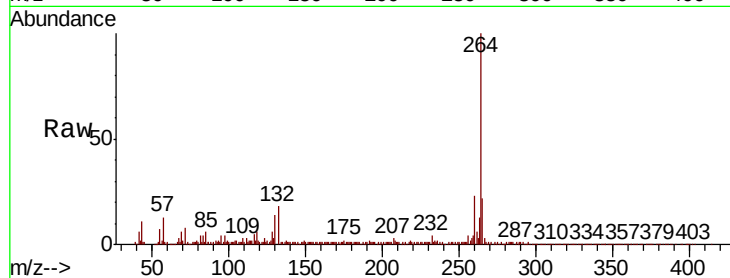




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.2	17.0	25.4

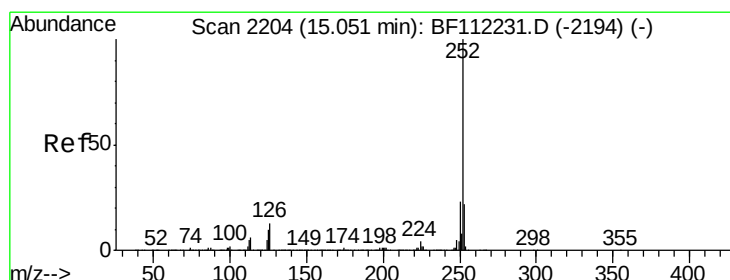
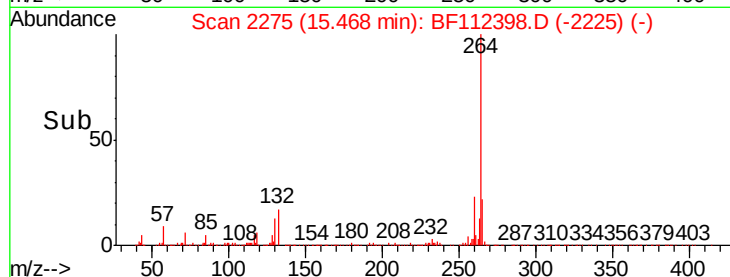
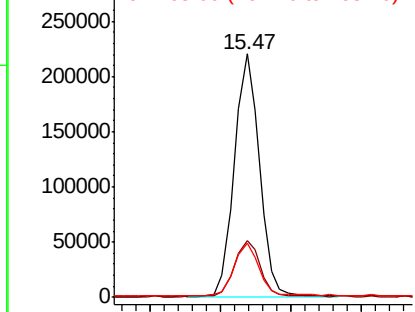


Abundance

Ion 264.00 (263.70 to 264.70): E

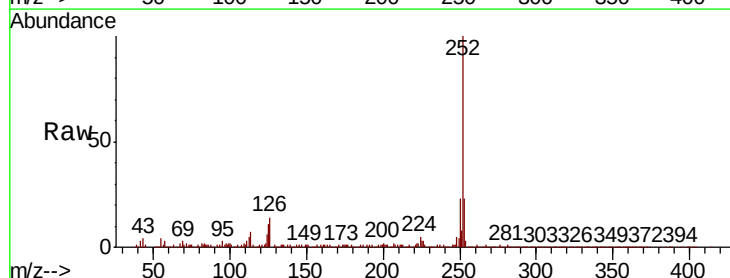
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 28.913 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.9	8.7	13.1

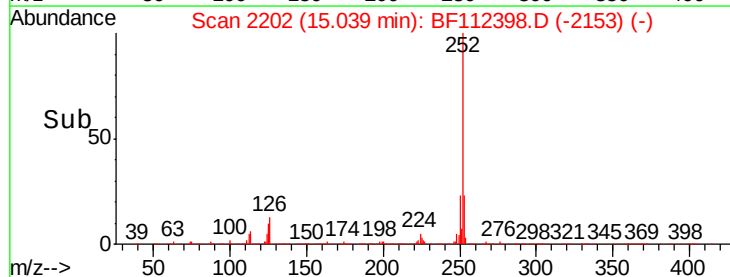
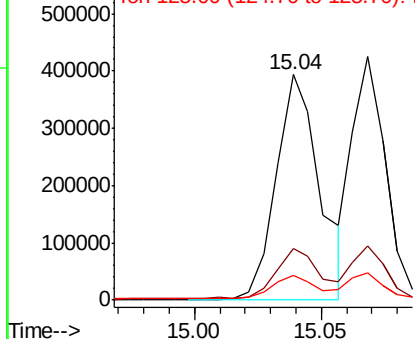


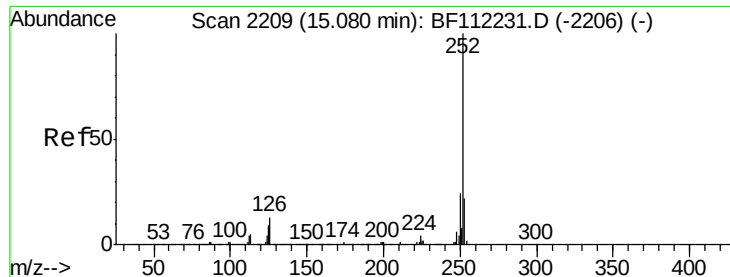
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

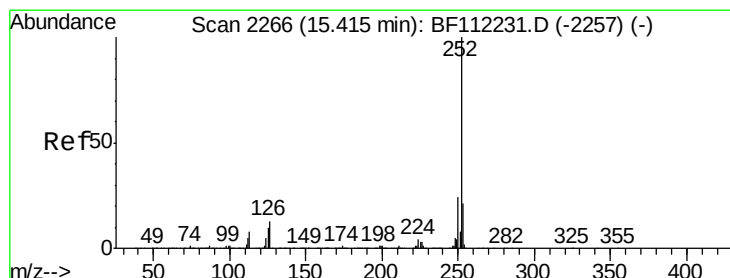
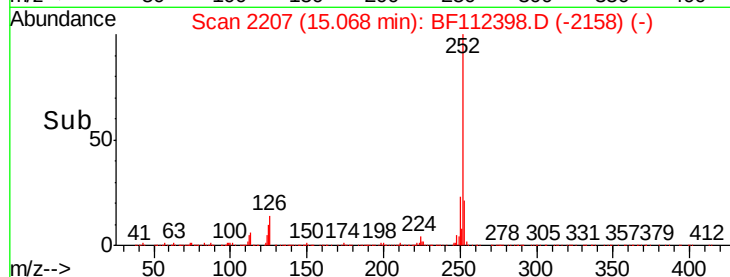
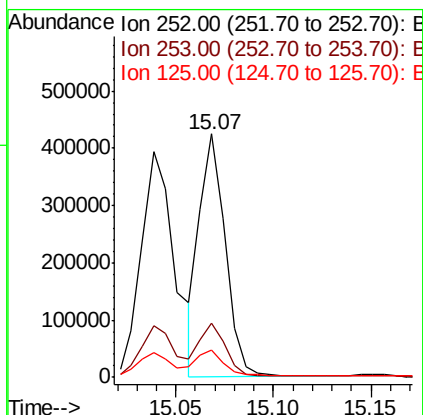
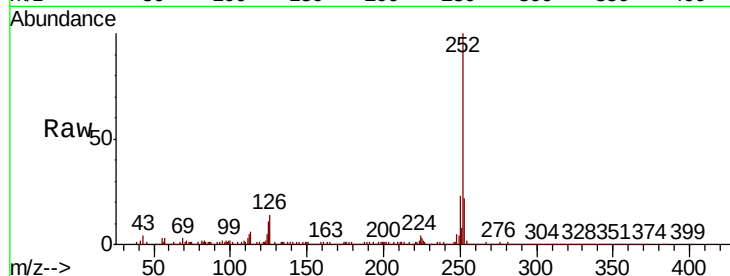




#89
Benzo(k)fluoranthene
Concen: 25.110 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

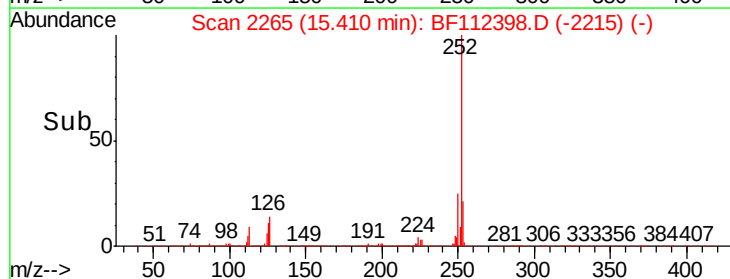
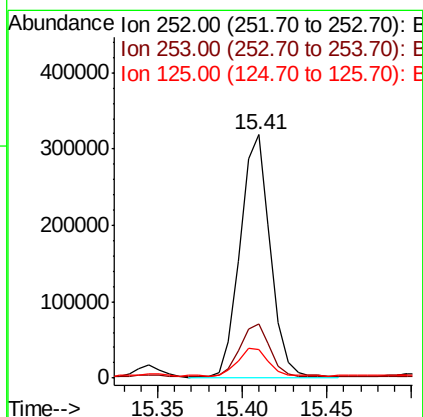
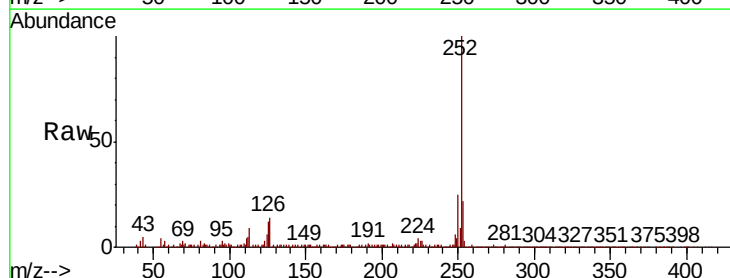
Instrument :
BNA_F
ClientSampled :

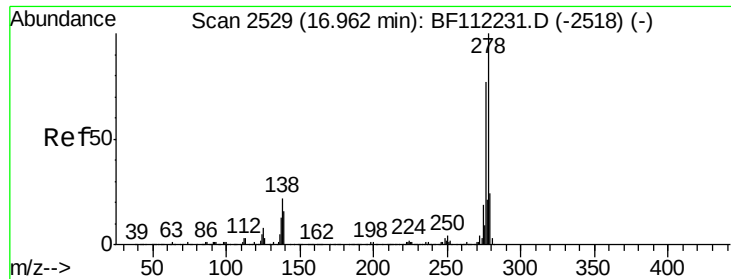
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.1	9.1	13.7



#90
Benzo(a)pyrene
Concen: 26.981 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112398.D
Acq: 5 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.6	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 25.848 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

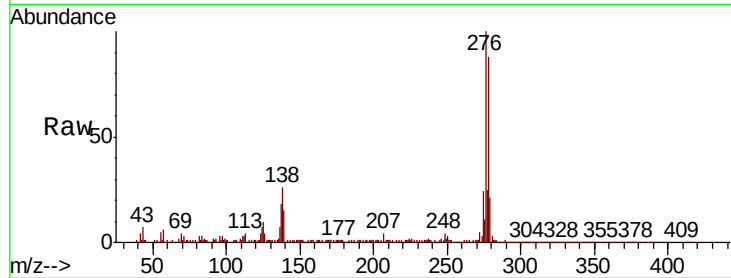
Tot Ion:278 Resp: 304142

Ion Ratio Lower Upper

278 100

139 17.5 13.7 20.5

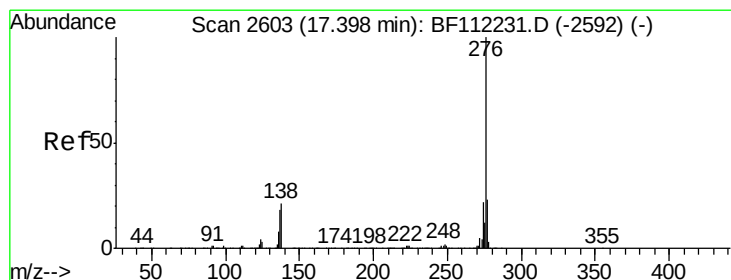
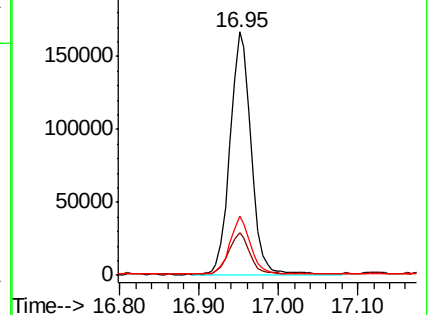
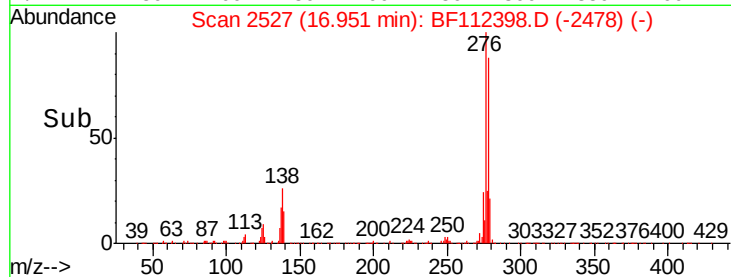
279 24.2 19.0 28.6



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: 26.132 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BF112398.D

Acq: 5 Feb 2019 16:21

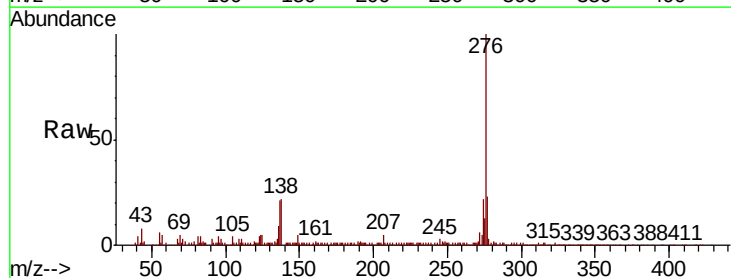
Tgt Ion:276 Resp: 290099

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.0

138 22.1 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

