

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110247.D
 Acq On : 27 Oct 2018 8:16
 Operator : JU/SJ
 Sample : PB114167BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 03:14:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106560	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	425968	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	174985	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	273955	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	186132	20.00	ng	-0.01
87) Perylene-d12	15.67	264	128090	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	519787	79.43	ng	0.00
7) Phenol-d6	6.59	99	644141	76.96	ng	-0.01
23) Nitrobenzene-d5	7.53	82	565490	78.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	114801	66.23	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1046435	93.90	ng	-0.01
79) Terphenyl-d14	13.09	244	718559	80.29	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.92	88	91196	26.600	ng	89
3) Pyridine	3.67	79	268198	35.123	ng	90
4) n-Nitrosodimethylamine	3.63	42	130998	40.947	ng	93
6) Aniline	6.63	93	179745	16.486	ng	# 53
8) 2-Chlorophenol	6.75	128	286246	37.942	ng	98
9) Benzaldehyde	6.52	77	122713	22.216	ng	92
10) Phenol	6.60	94	335352	37.483	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	262180	35.619	ng	96
12) 1,3-Dichlorobenzene	6.91	146	298340	35.934	ng	96
13) 1,4-Dichlorobenzene	6.99	146	304719	36.290	ng	98
14) 1,2-Dichlorobenzene	7.14	146	284639	36.516	ng	99
15) Benzyl Alcohol	7.10	79	233886	36.332	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	415090	35.270	ng	69
17) 2-Methylphenol	7.21	107	230891	38.402	ng	# 81
18) Hexachloroethane	7.47	117	93046	30.267	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	190689	35.513	ng	96
20) 3+4-Methylphenols	7.36	107	292891	37.686	ng	98
22) Acetophenone	7.37	105	380555	38.772	ng	# 96
24) Nitrobenzene	7.55	77	282581	38.112	ng	94
25) Isophorone	7.79	82	512586	41.871	ng	95
26) 2-Nitrophenol	7.86	139	119380	33.835	ng	97
27) 2,4-Dimethylphenol	7.89	122	259741	44.402	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	325879	39.185	ng	98
29) 2,4-Dichlorophenol	8.10	162	224833	38.043	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	246314	37.208	ng	93
31) Naphthalene	8.27	128	781011	39.782	ng	99
32) Benzoic acid	8.00	122	102408	22.650	ng	91
33) 4-Chloroaniline	8.32	127	97033	10.982	ng	98
34) Hexachlorobutadiene	8.38	225	137956	37.533	ng	97
35) Caprolactam	8.69	113	65336	31.718	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	231334	36.198	ng	97
37) 2-Methylnaphthalene	8.96	142	525010	40.418	ng	98
38) 1-Methylnaphthalene	9.06	142	488537	38.919	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	219082	40.183	ng	99

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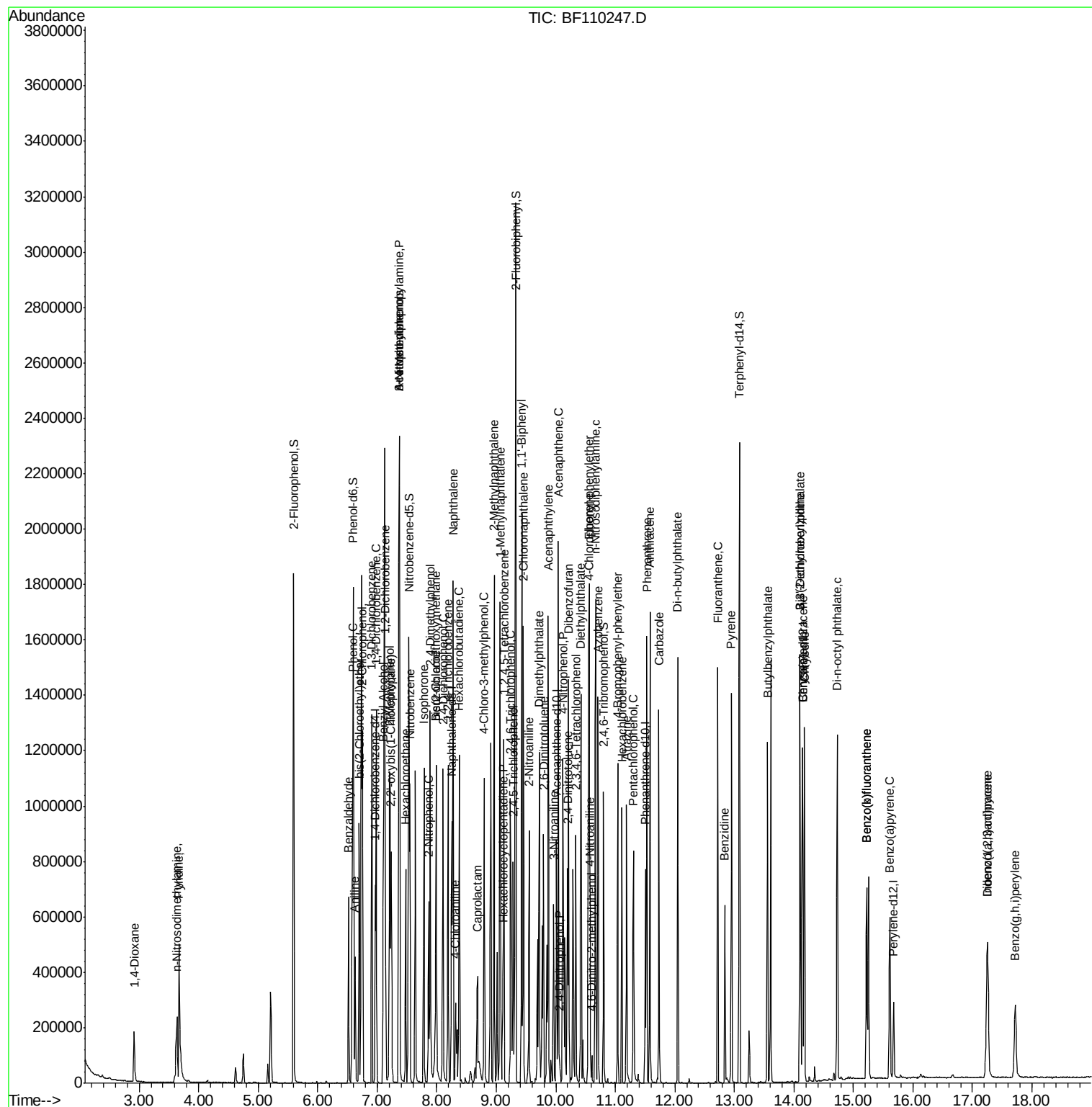
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	60983	21.874	ng	97
43) 2,4,6-Trichlorophenol	9.24	196	135516	38.536	ng	93
44) 2,4,5-Trichlorophenol	9.29	196	141048	37.945	ng	93
46) 1,1'-Biphenyl	9.43	154	621655	39.286	ng	99
47) 2-Chloronaphthalene	9.46	162	454161	39.127	ng	99
48) 2-Nitroaniline	9.55	65	142654	40.557	ng	95
49) Acenaphthylene	9.87	152	686847	40.969	ng	99
50) Dimethylphthalate	9.72	163	553888	42.881	ng	99
51) 2,6-Dinitrotoluene	9.79	165	105744	38.005	ng	90
52) Acenaphthene	10.05	154	415673	37.479	ng	97
53) 3-Nitroaniline	9.96	138	90862	27.461	ng	94
54) 2,4-Dinitrophenol	10.07	184	12231	15.535	ng	91
55) Dibenzofuran	10.22	168	587444	37.831	ng	98
56) 4-Nitrophenol	10.12	139	202069	82.515	ng	95
57) 2,4-Dinitrotoluene	10.20	165	124174	35.136	ng	# 86
58) Fluorene	10.56	166	447716	38.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	102111	33.702	ng	94
60) Diethylphthalate	10.42	149	515898	40.915	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	221349	36.307	ng	97
62) 4-Nitroaniline	10.58	138	111703	33.943	ng	90
63) Azobenzene	10.71	77	454008	36.275	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	10462	8.359	ng	88
66) n-Nitrosodiphenylamine	10.67	169	397710	44.260	ng	96
67) 4-Bromophenyl-phenylether	11.04	248	126602	42.604	ng	# 88
68) Hexachlorobenzene	11.11	284	121520	38.541	ng	94
69) Atrazine	11.19	200	120959	42.596	ng	97
70) Pentachlorophenol	11.30	266	99003	53.849	ng	98
71) Phenanthrene	11.53	178	582650	40.646	ng	100
72) Anthracene	11.58	178	602691	41.946	ng	98
73) Carbazole	11.73	167	527620	37.609	ng	99
74) Di-n-butylphthalate	12.05	149	702302	44.325	ng	99
75) Fluoranthene	12.72	202	572678	39.365	ng	99
77) Benzidine	12.84	184	247592	50.149	ng	97
78) Pyrene	12.95	202	568919	42.635	ng	98
80) Butylbenzylphthalate	13.56	149	265509	45.842	ng	98
81) Benzo(a)anthracene	14.14	228	459905	41.666	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	152748	39.741	ng	97
83) Chrysene	14.18	228	423017	40.349	ng	97
84) Bis(2-ethylhexyl)phthalate	14.11	149	368070	47.011	ng	96
85) Di-n-octyl phthalate	14.73	149	576690	47.370	ng	100
86) Indeno(1,2,3-cd)pyrene	17.24	276	296890	34.135	ng	97
88) Benzo(b)fluoranthene	15.22	252	341180	46.126	ng	99
89) Benzo(k)fluoranthene	15.22	252	341180	46.919	ng	98
90) Benzo(a)pyrene	15.61	252	296311	43.535	ng	97
91) Dibenzo(a,h)anthracene	17.26	278	248688	42.346	ng	98
92) Benzo(g,h,i)perylene	17.72	276	241973	41.813	ng	98

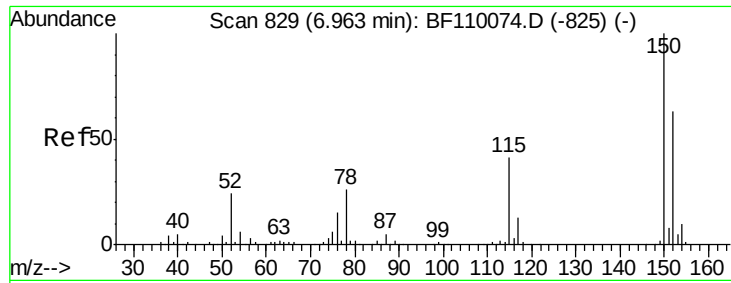
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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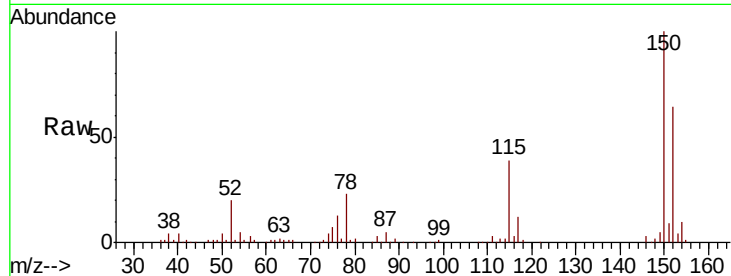


#1

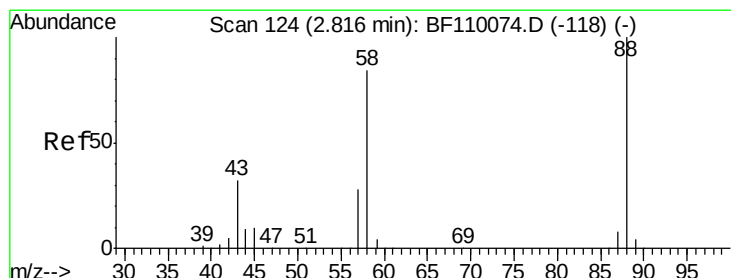
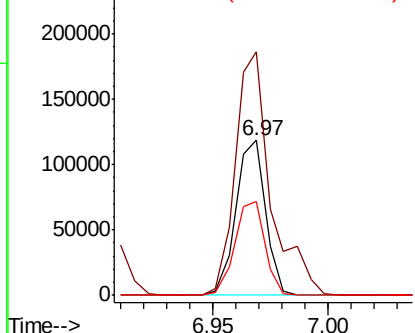
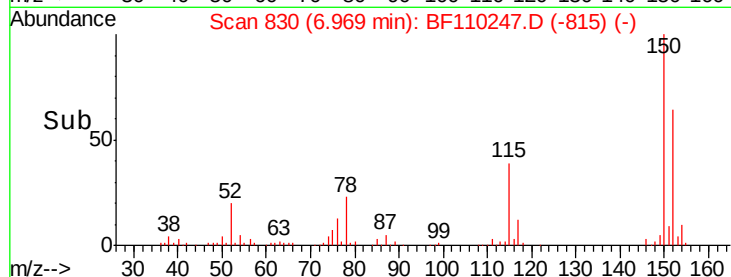
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	60.6	49.1	73.7



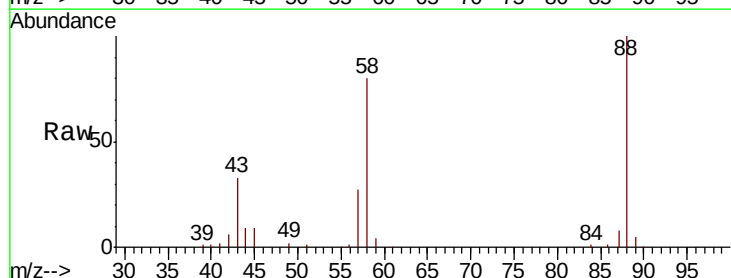
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



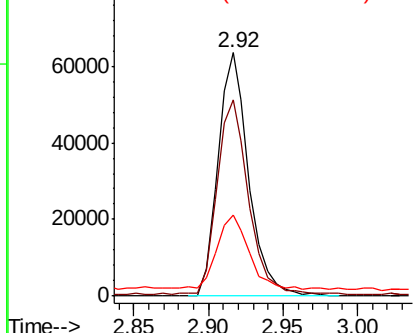
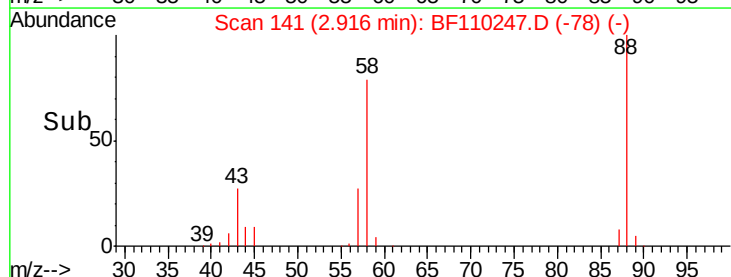
#2

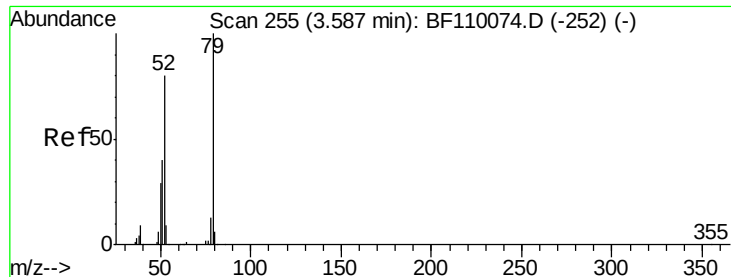
1,4-Dioxane
Concen: 26.600 ng
RT: 2.92 min Scan# 141
Delta R.T. 0.07 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	57.1	85.7
43	33.0	24.1	36.1



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: 35.123 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

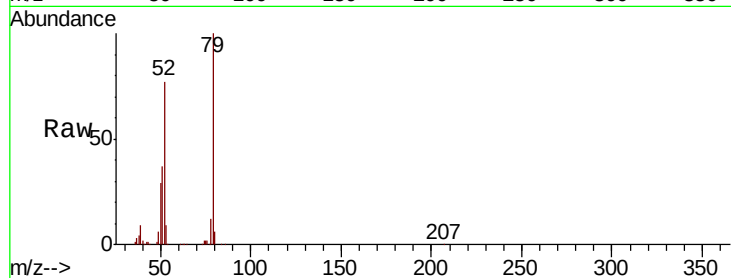
Tot Ion: 79 Resp: 268198

Ion Ratio Lower Upper

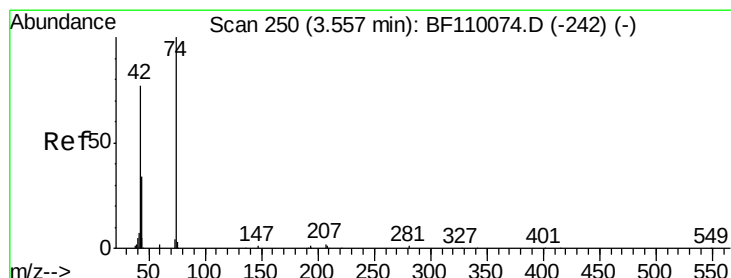
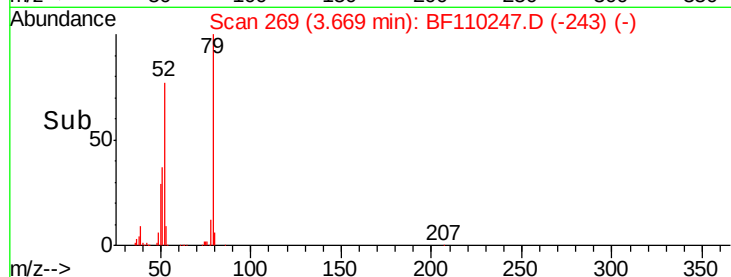
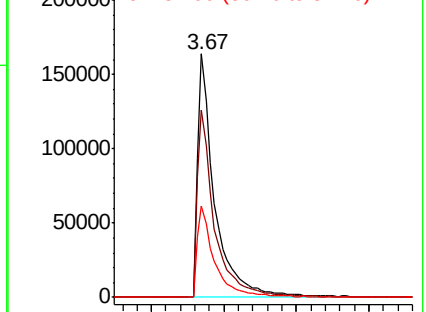
79 100

52 76.7 53.1 79.7

51 37.5 27.4 41.2



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: 40.947 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.05 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

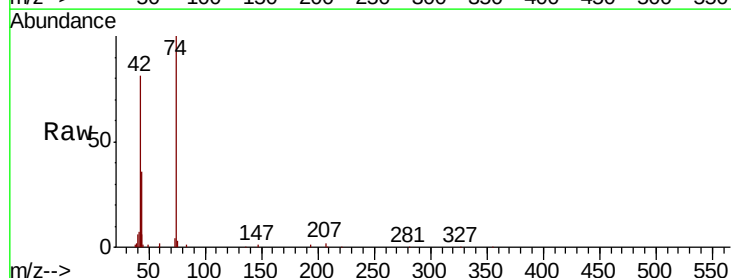
Tgt Ion: 42 Resp: 130998

Ion Ratio Lower Upper

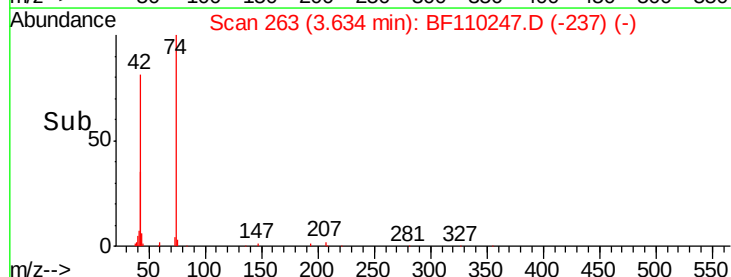
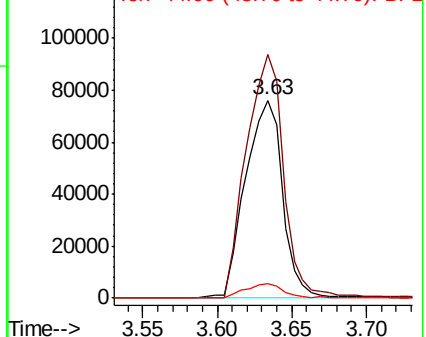
42 100

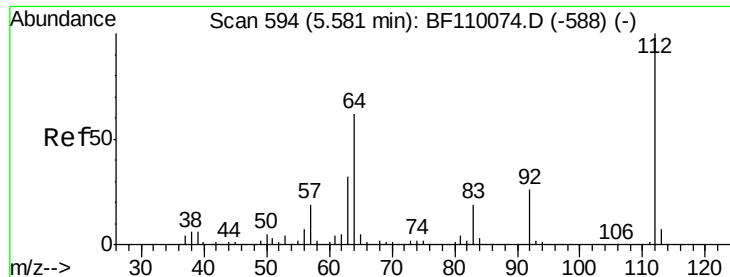
74 123.2 105.5 158.3

44 7.1 4.9 7.3



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: 79.434 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

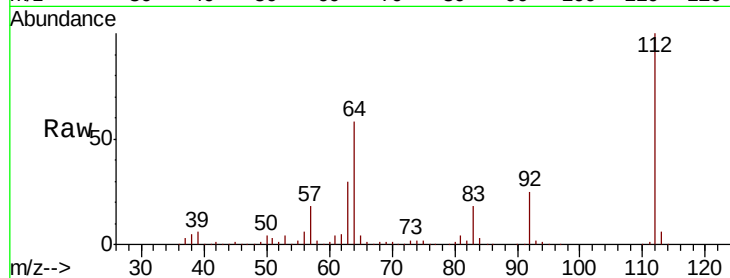
Tot Ion:112 Resp: 519787

Ion Ratio Lower Upper

112 100

64 57.7 44.1 66.1

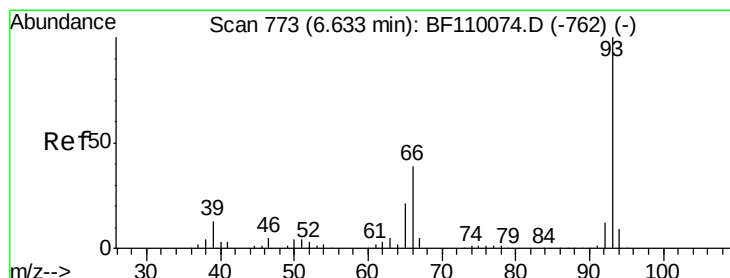
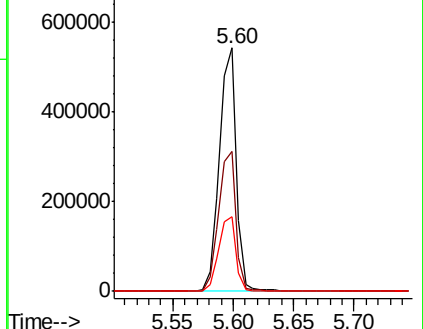
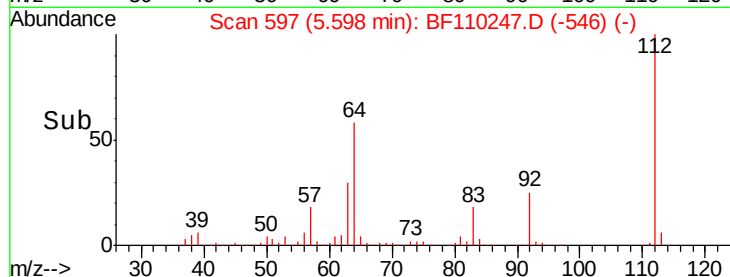
63 30.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.486 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

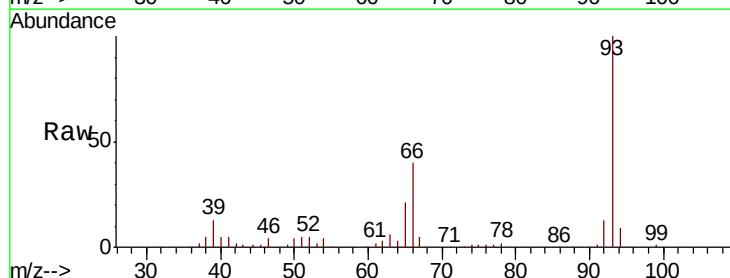
Tgt Ion: 93 Resp: 179745

Ion Ratio Lower Upper

93 100

66 39.8 67.4 101.0#

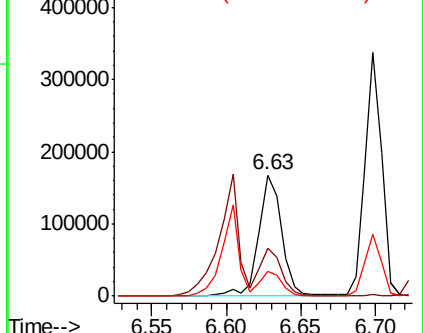
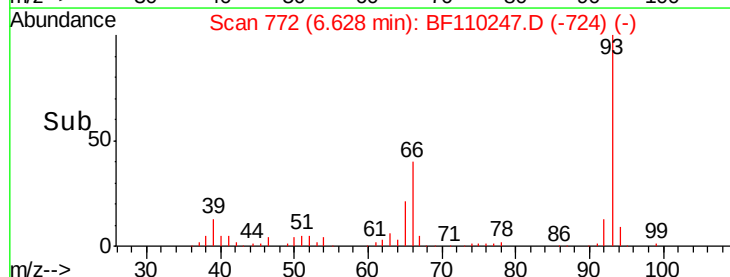
65 20.6 41.0 61.4#

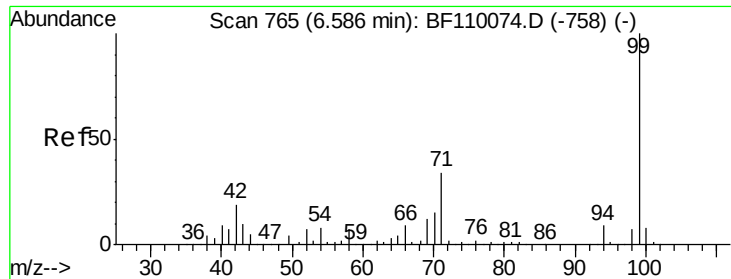


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.960 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampled :

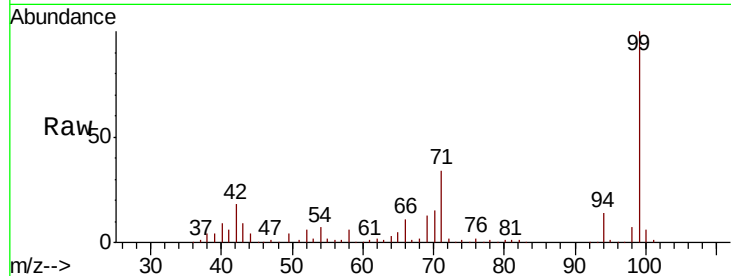
Tot Ion: 99 Resp: 644141

Ion Ratio Lower Upper

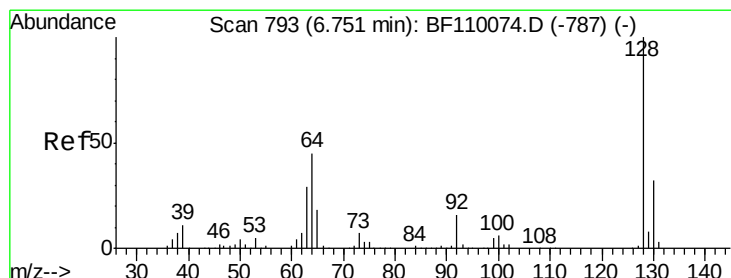
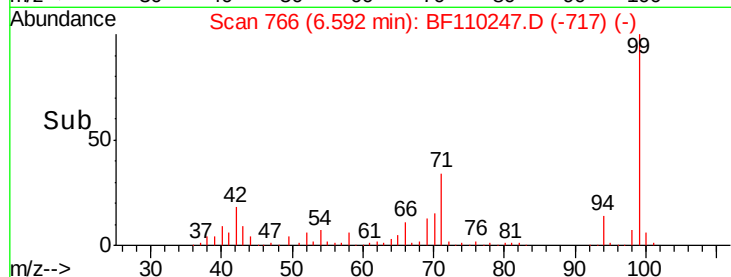
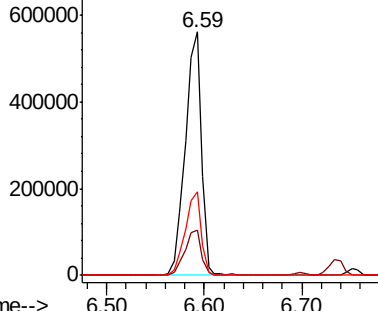
99 100

42 18.5 15.8 23.6

71 34.3 28.0 42.0



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: 37.942 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

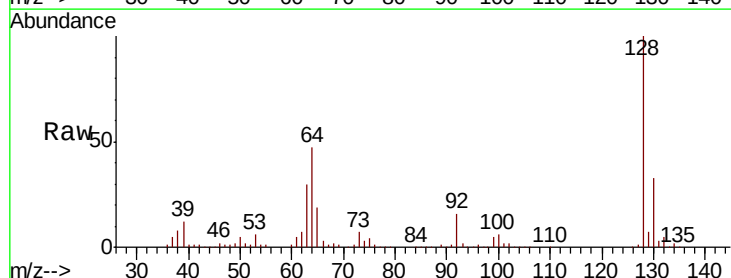
Tgt Ion: 128 Resp: 286246

Ion Ratio Lower Upper

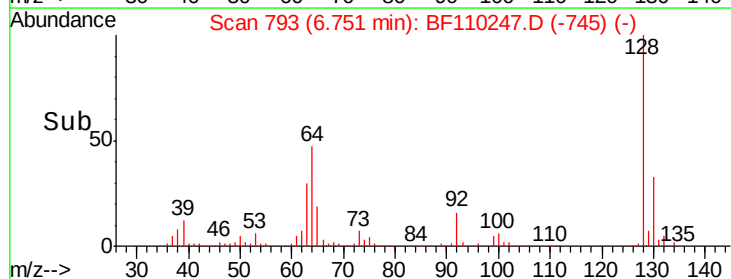
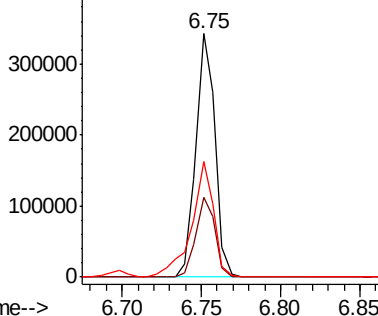
128 100

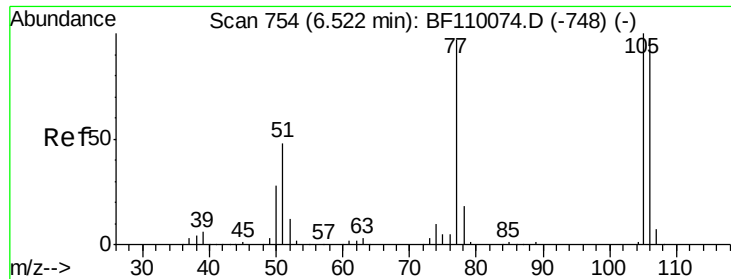
130 32.6 13.1 53.1

64 47.5 26.0 66.0



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: 22.216 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

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ClientSampleId :

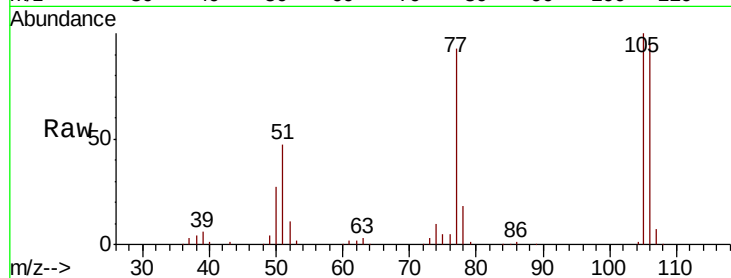
Tot Ion: 77 Resp: 122713

Ion Ratio Lower Upper

77 100

105 107.2 78.6 118.6

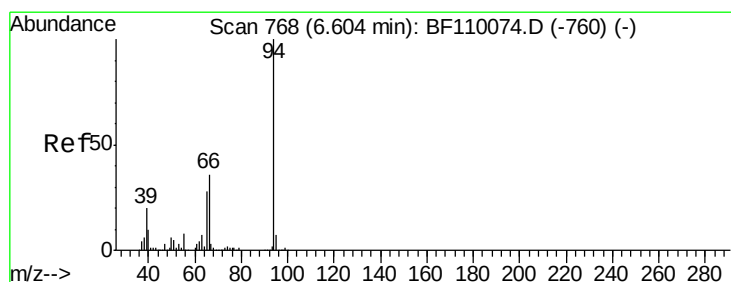
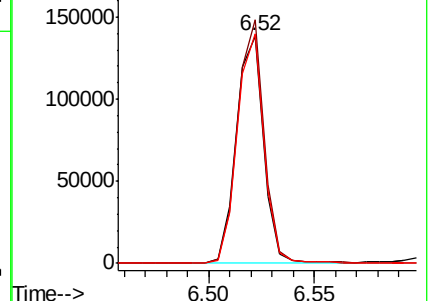
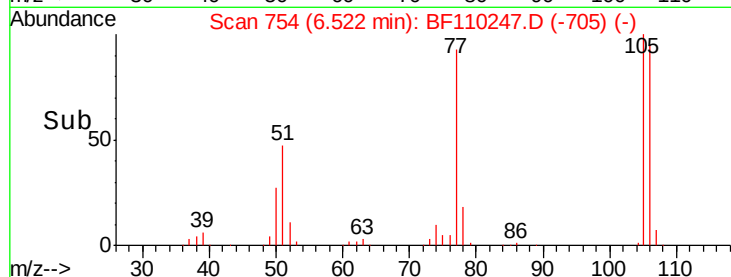
106 101.3 74.8 114.8



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: 37.483 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

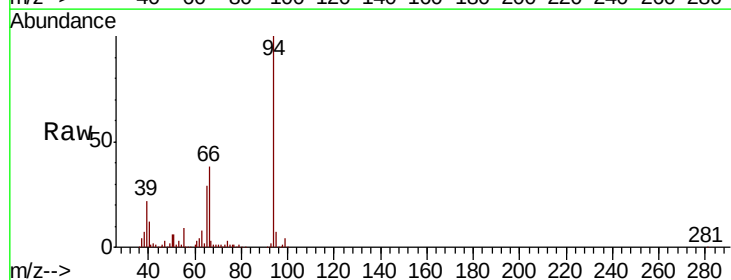
Tgt Ion: 94 Resp: 335352

Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

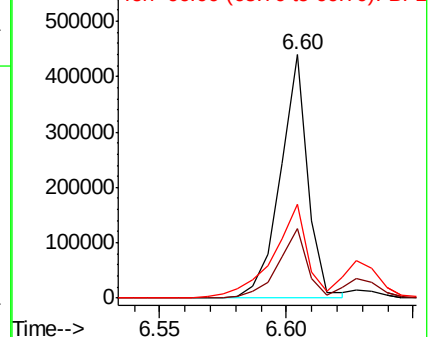
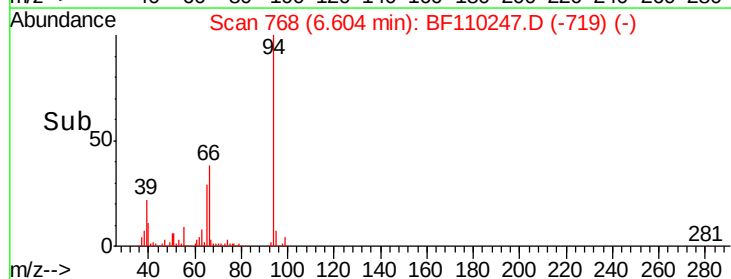
66 38.3 54.5 94.5#

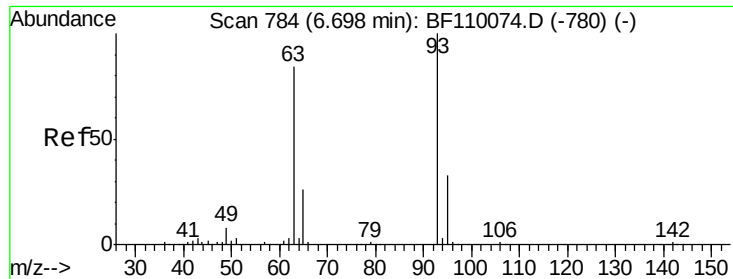


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

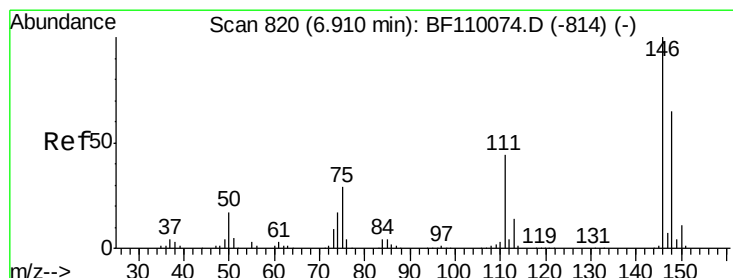
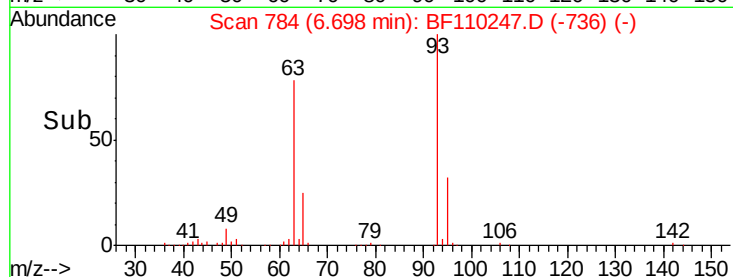
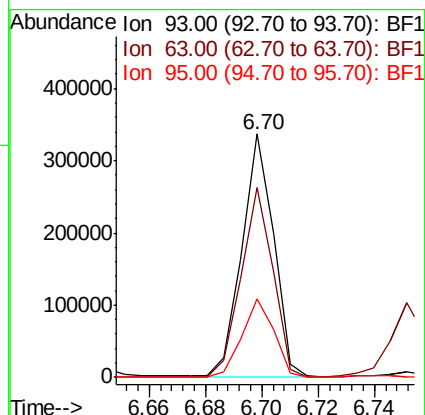
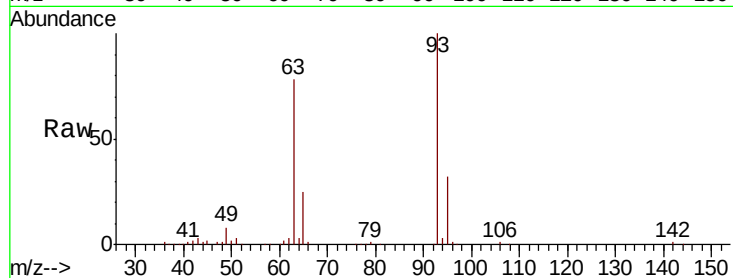




#11
bis(2-Chloroethyl)ether
Concen: 35.619 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

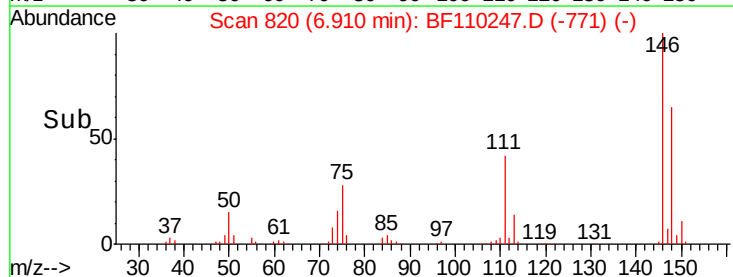
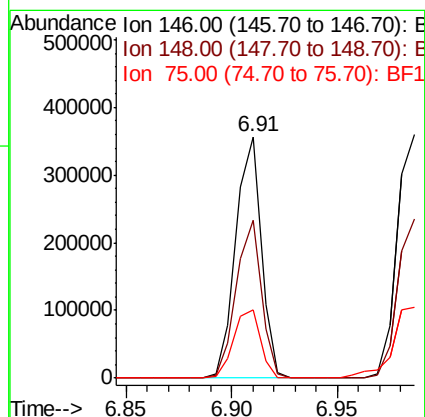
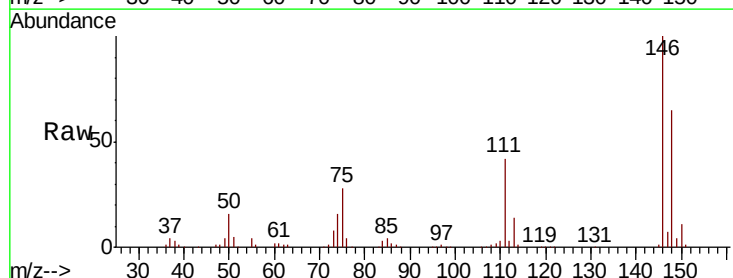
Instrument :
BNA_F
ClientSampleId :

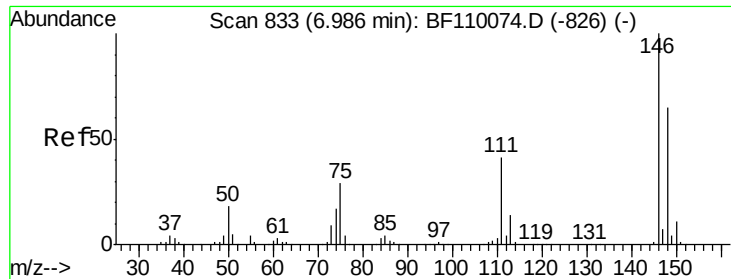
Tot Ion	93	Resp	262180
Ion	Ratio	Lower	Upper
93	100		
63	78.2	53.4	93.4
95	32.5	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 35.934 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	146	Resp	298340
Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.4	75.6
75	28.5	25.8	38.6

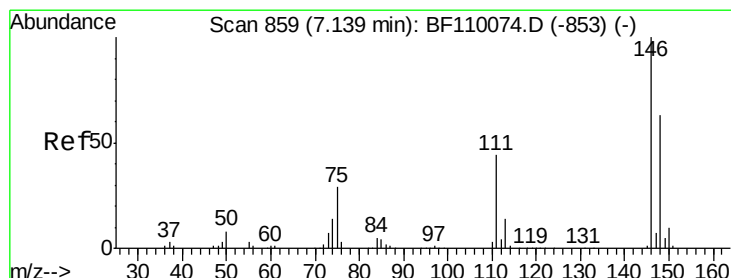
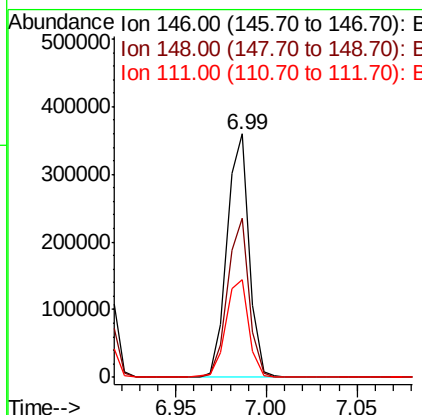
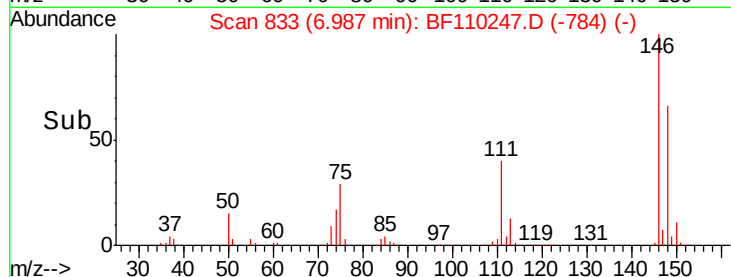
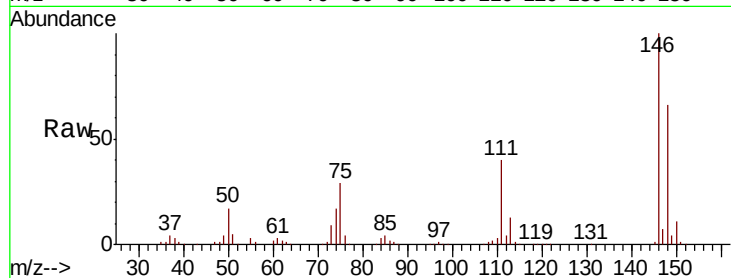




#13
 1,4-Dichlorobenzene
 Concen: 36.290 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

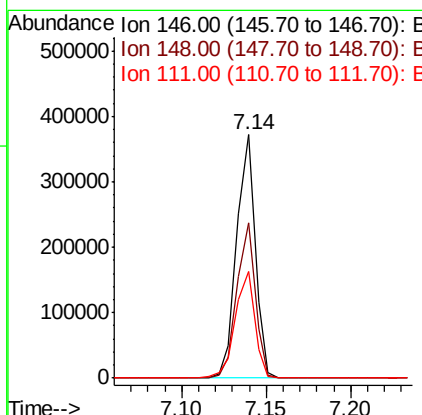
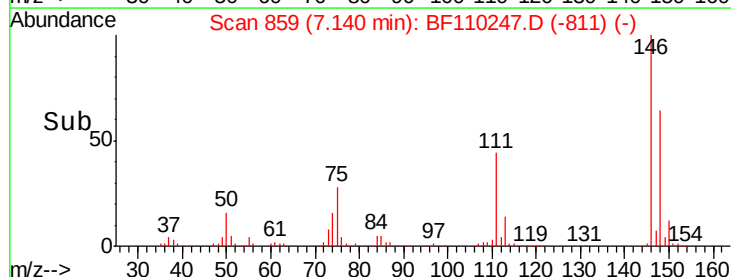
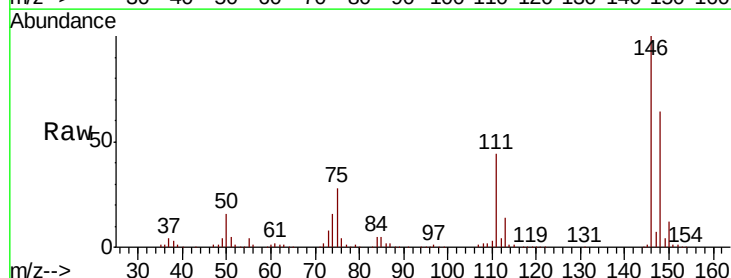
Instrument :
 BNA_F
 ClientSampled :

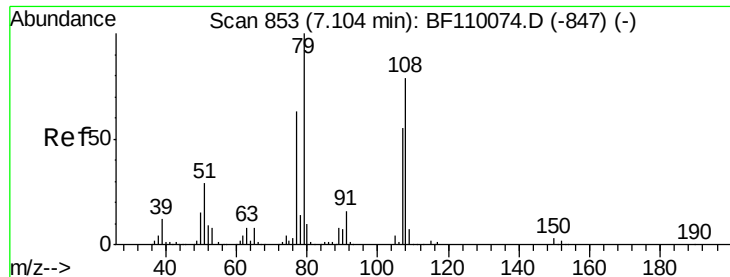
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.3	75.5
111	40.3	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 36.516 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	43.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 36.332 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

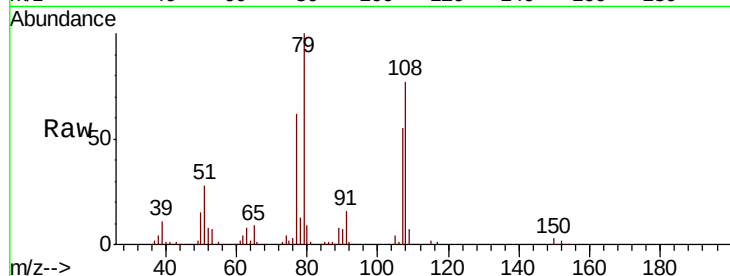
Tot Ion: 79 Resp: 233886

Ion Ratio Lower Upper

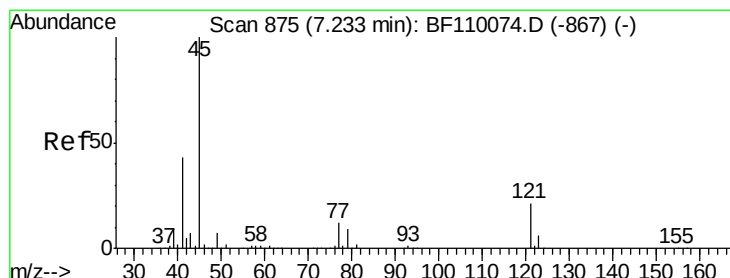
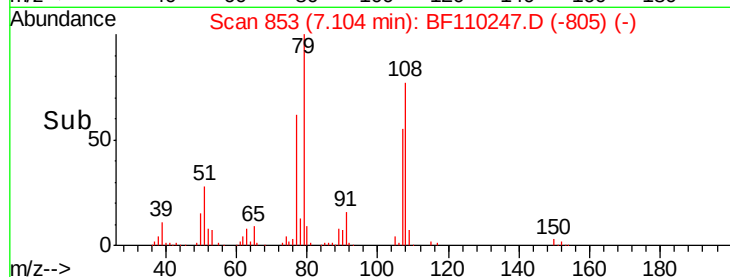
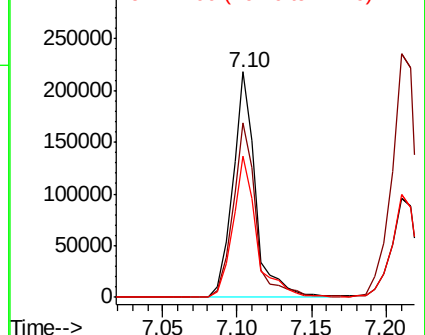
79 100

108 77.5 56.3 84.5

77 62.5 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.270 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

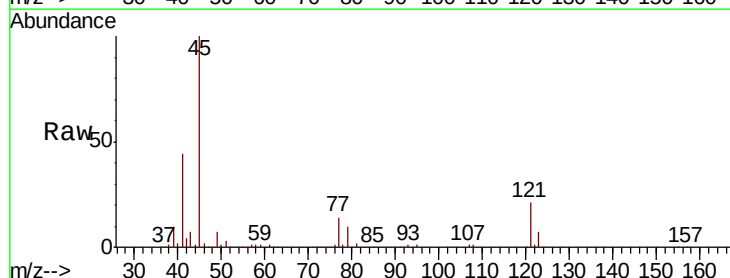
Tgt Ion: 45 Resp: 415090

Ion Ratio Lower Upper

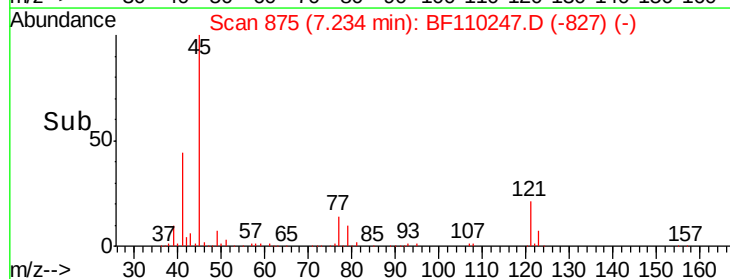
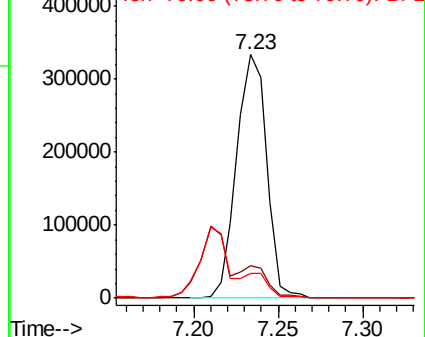
45 100

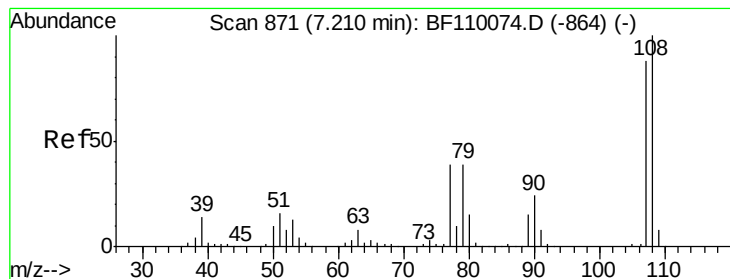
77 13.5 10.0 50.0

79 10.2 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

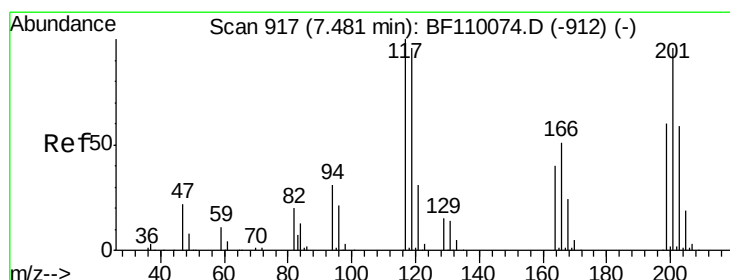
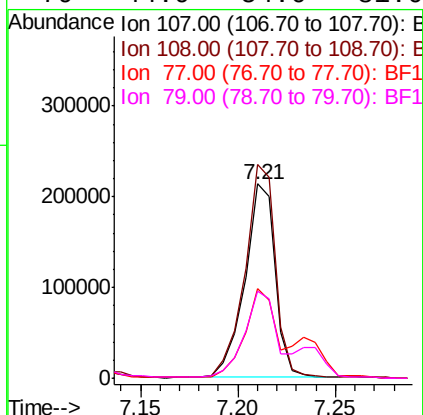
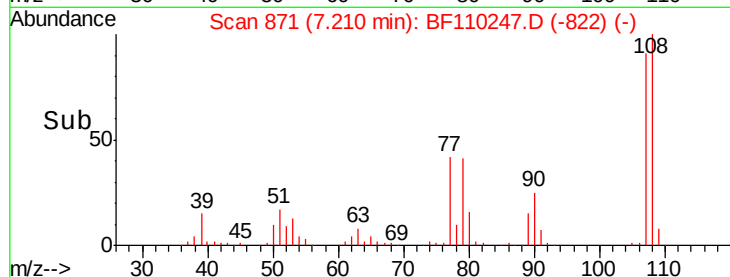
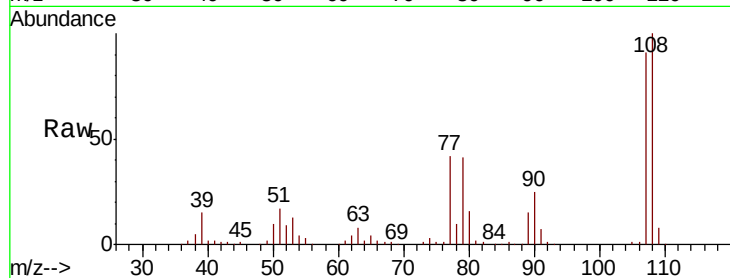




#17
2-Methylphenol
Concen: 38.402 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

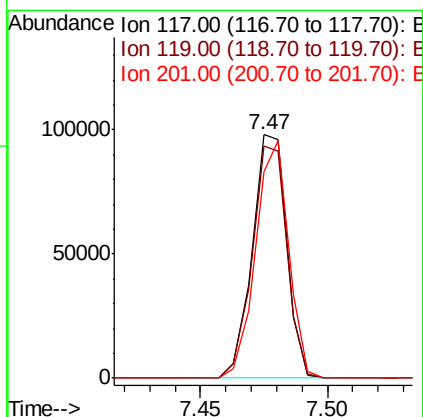
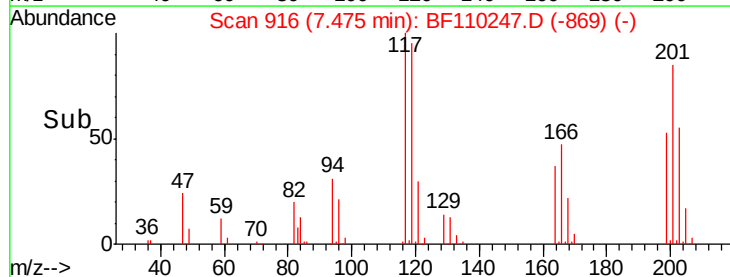
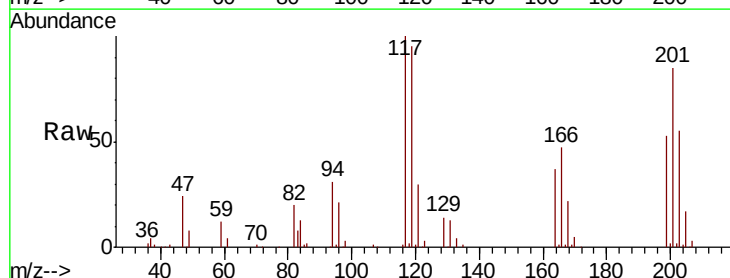
Instrument :
BNA_F
ClientSampleId :

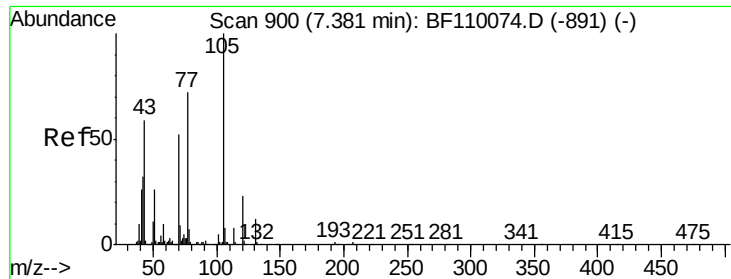
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	92.6	138.8
77	46.3	59.4	89.2
79	44.9	54.0	81.0



#18
Hexachloroethane
Concen: 30.267 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
201	84.8	79.2	118.8

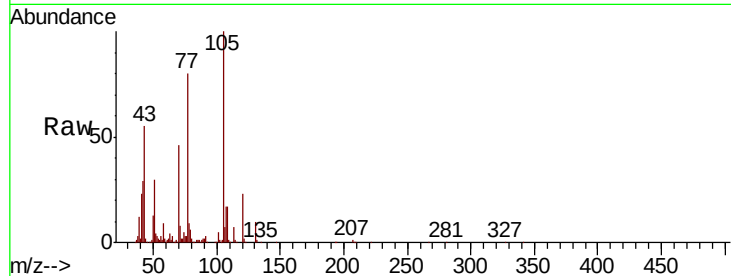




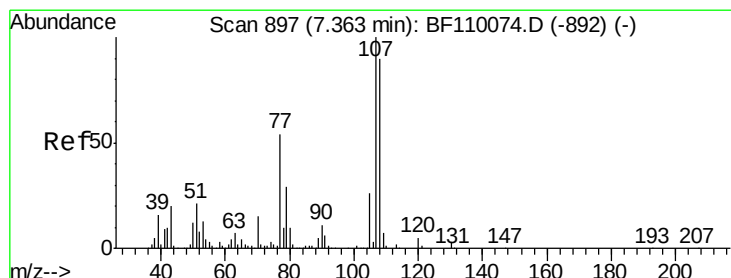
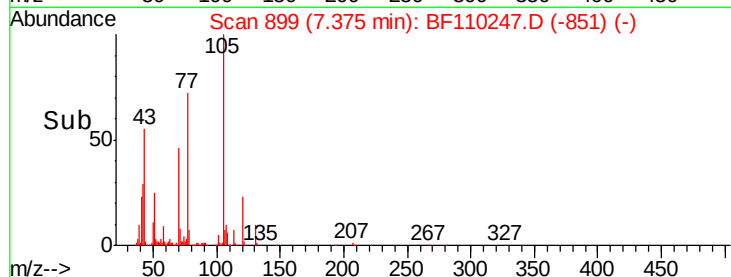
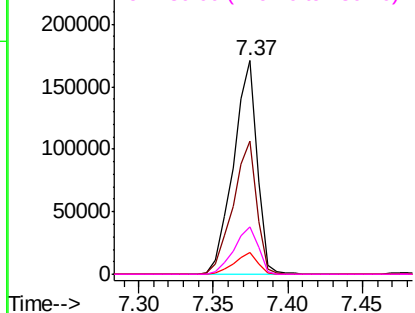
#19
n-Nitroso-di-n-propylamine
Concen: 35.513 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	190689
Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.4	71.2
101	10.0	7.3	10.9
130	22.2	16.2	24.2

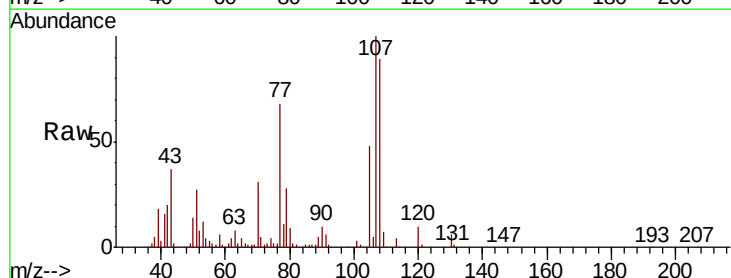


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

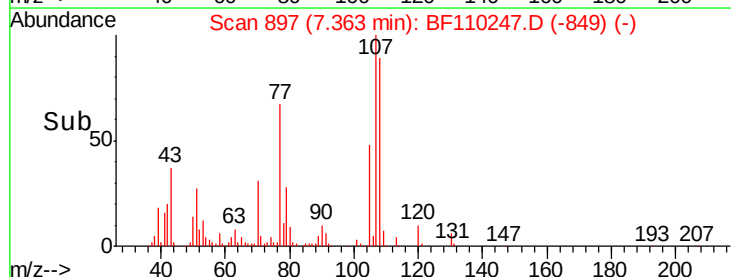
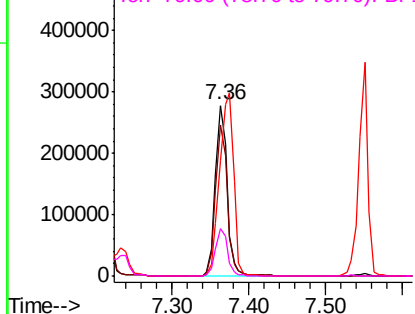


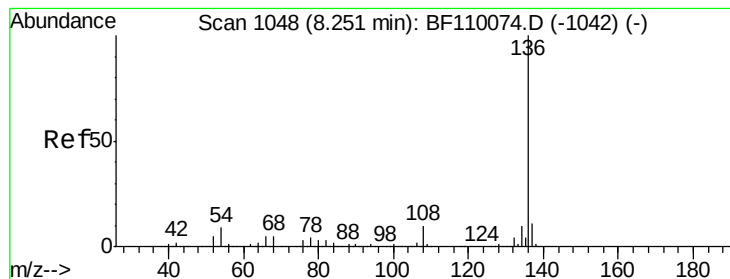
#20
3+4-Methylphenols
Concen: 37.686 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:	107	Resp:	292891
Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.4	111.4
77	67.6	47.3	87.3
79	27.9	10.9	50.9



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 425968

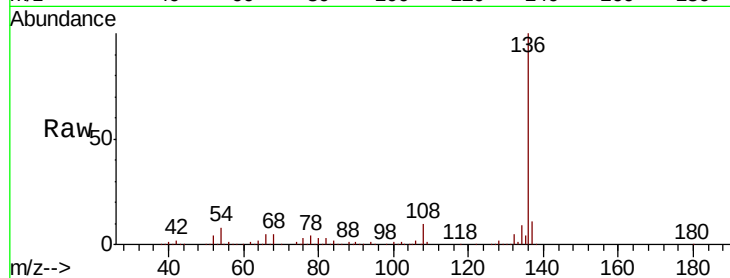
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 5.4 8.2

68 5.2 4.2 6.2

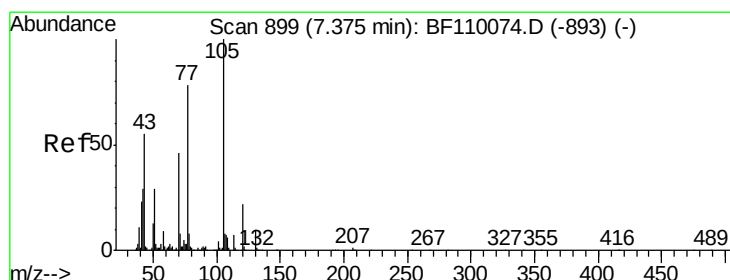
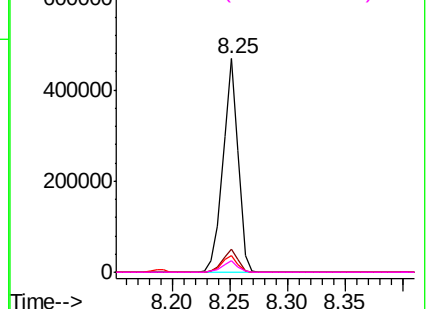
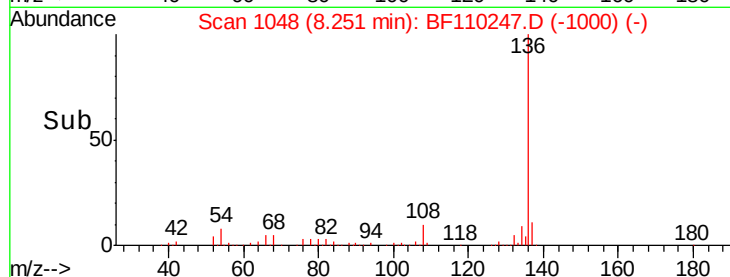


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.772 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:105 Resp: 380555

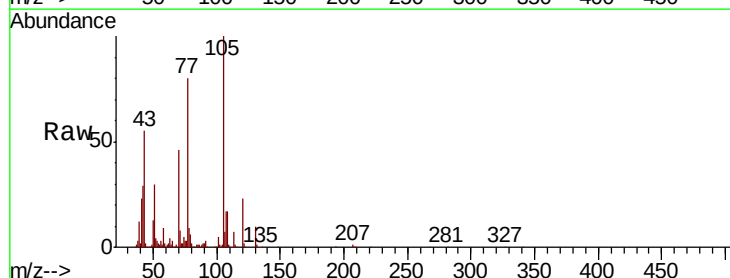
Ion Ratio Lower Upper

105 100

71 8.2 5.2 7.8#

51 29.5 21.8 32.8

120 23.1 17.0 25.4

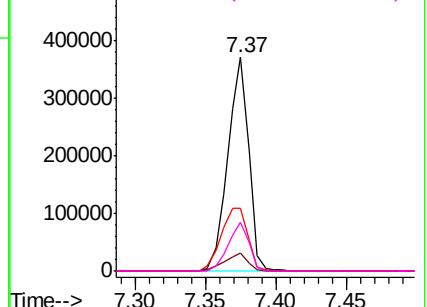
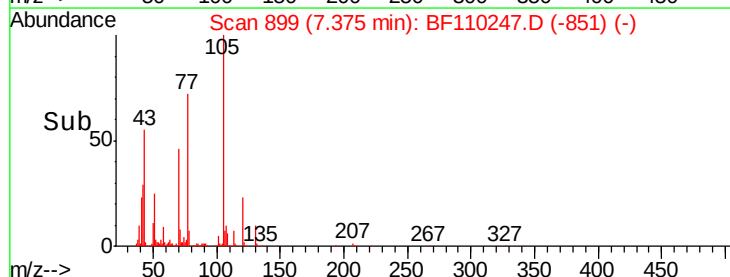


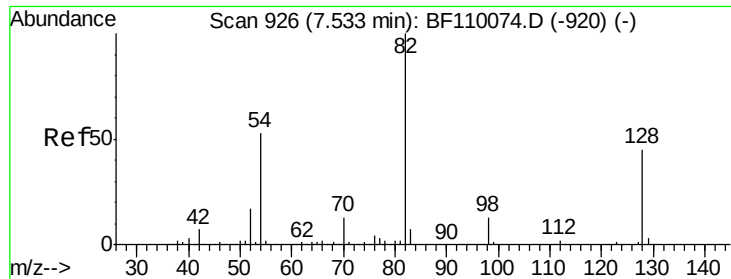
Abundance Ion 105.00 (104.70 to 105.70): E

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

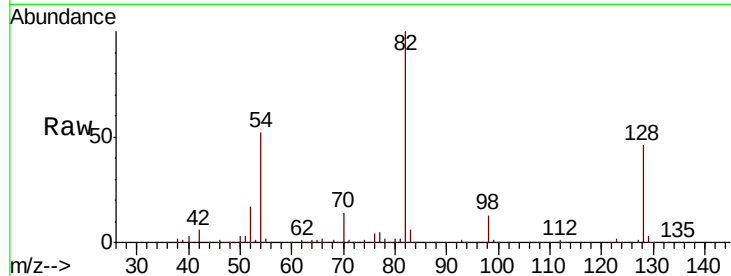




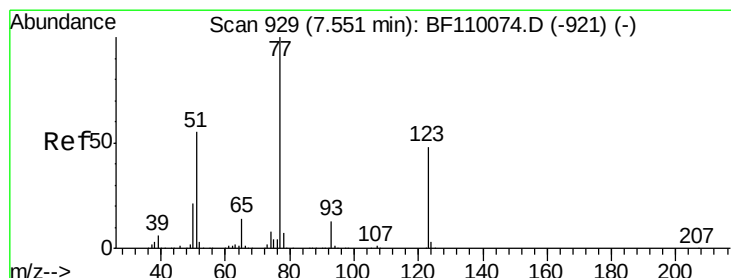
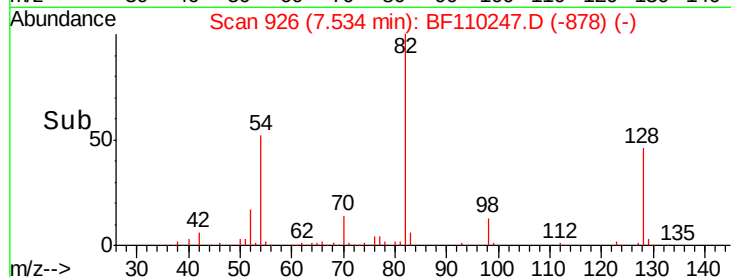
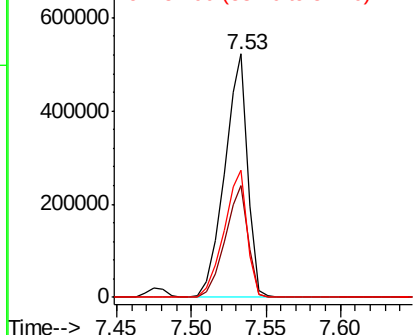
#23
 Nitrobenzene-d5
 Concen: 78.741 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	82	Resp:	565490
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.2	51.2
54	52.0	38.6	58.0

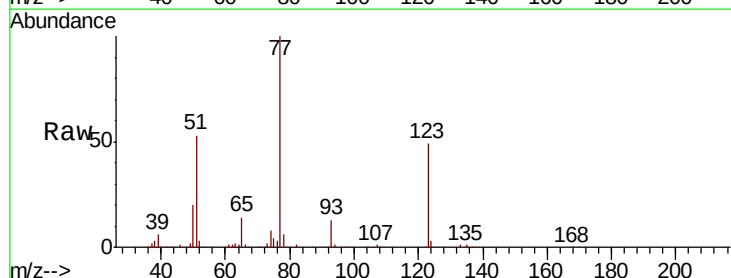


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

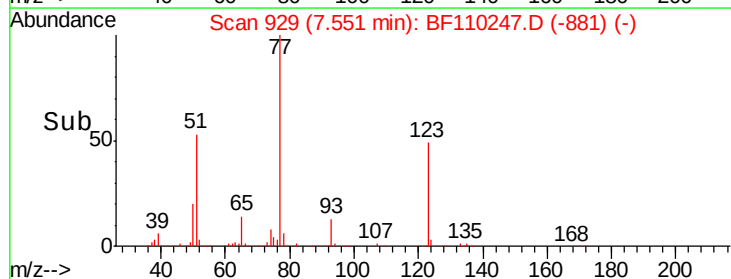
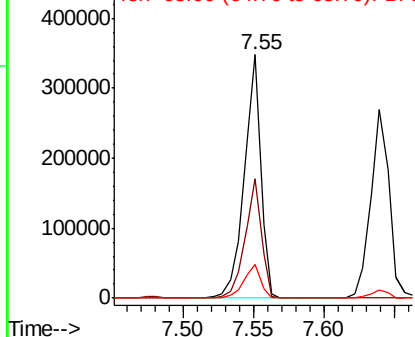


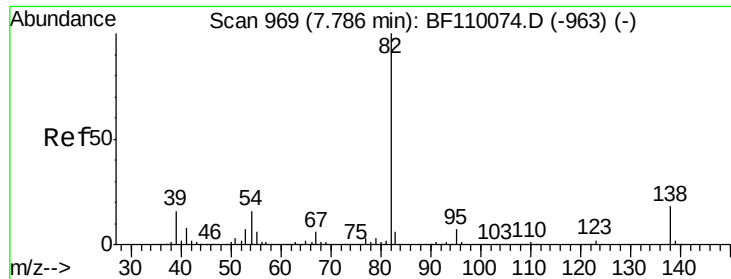
#24
 Nitrobenzene
 Concen: 38.112 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion:	77	Resp:	282581
Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.7	53.5
65	13.7	10.7	16.1



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: 41.871 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

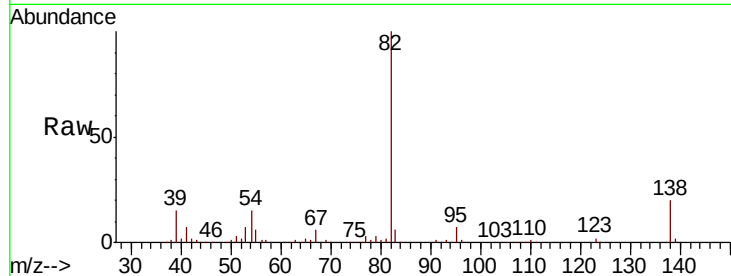
Tot Ion: 82 Resp: 512586

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

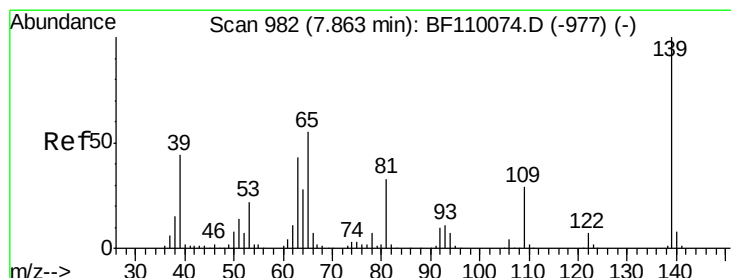
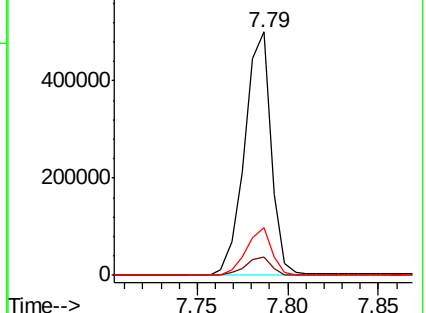
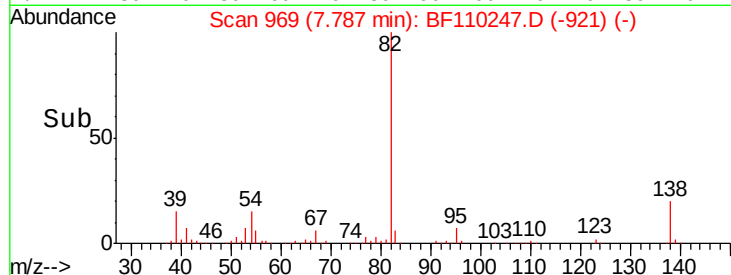
138 19.6 13.2 19.8



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: 33.835 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

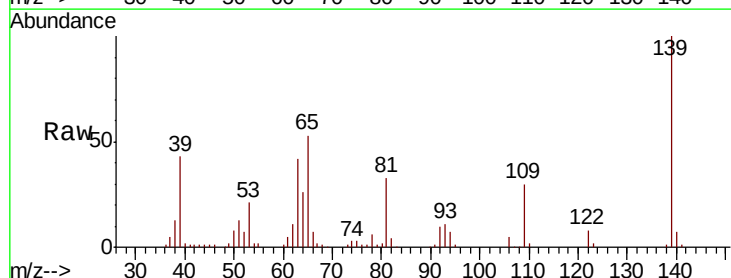
Tgt Ion: 139 Resp: 119380

Ion Ratio Lower Upper

139 100

109 29.8 25.0 37.6

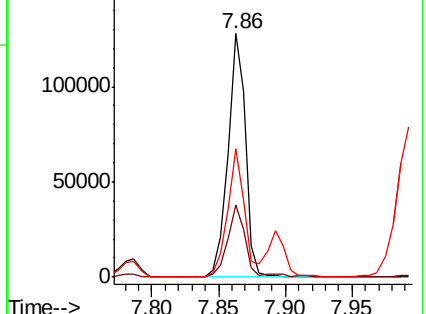
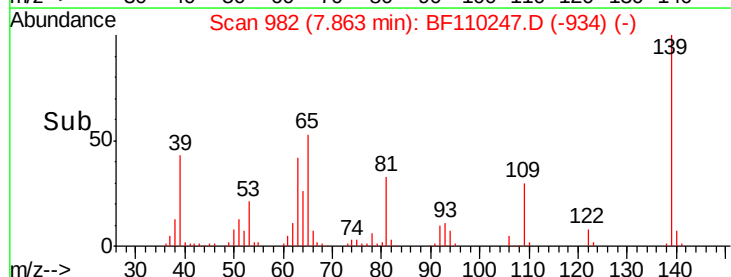
65 52.9 44.0 66.0

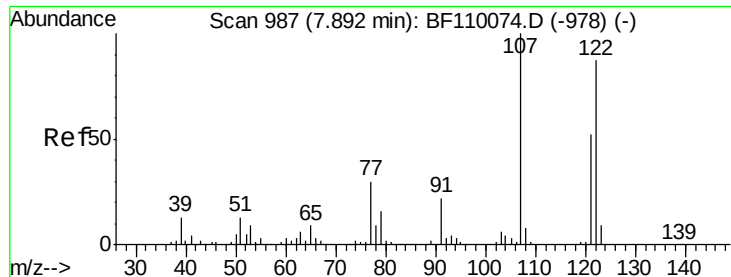


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.402 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampled :

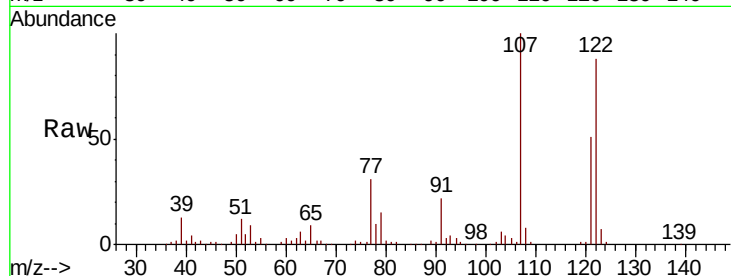
Tot Ion:122 Resp: 259741

Ion Ratio Lower Upper

122 100

107 113.6 92.5 138.7

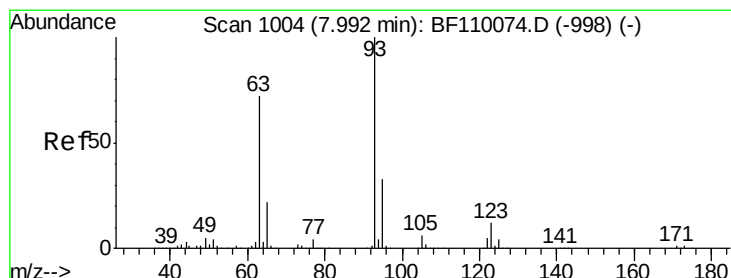
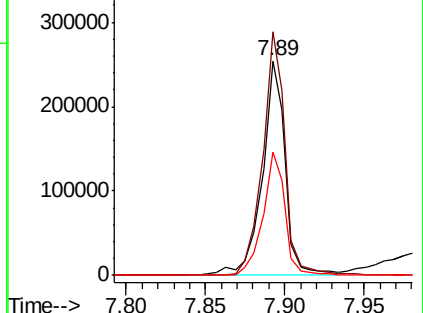
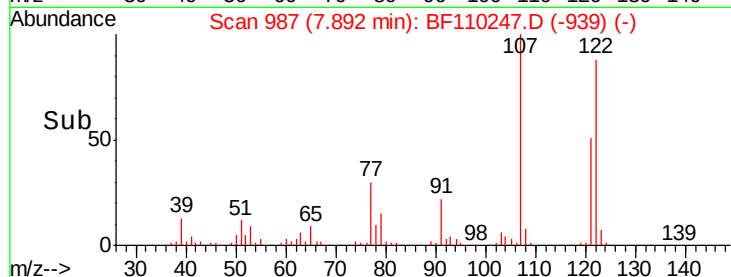
121 57.7 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.185 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

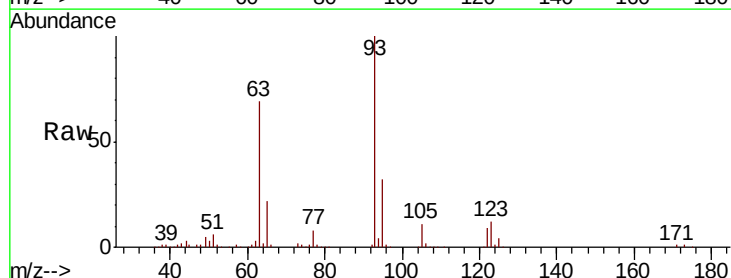
Tgt Ion: 93 Resp: 325879

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

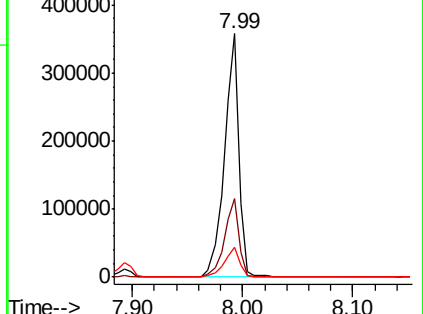
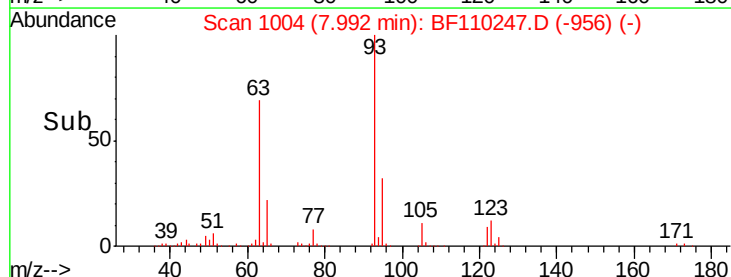
123 12.0 9.0 13.6

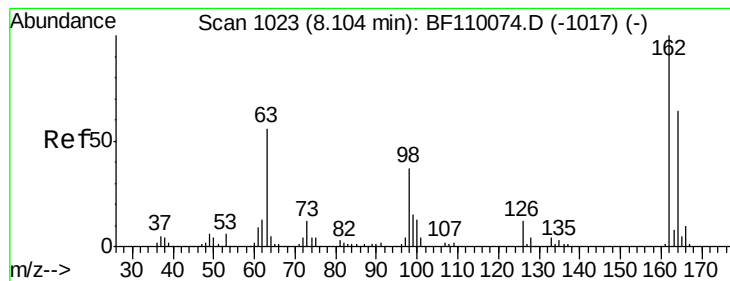


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.043 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampled :

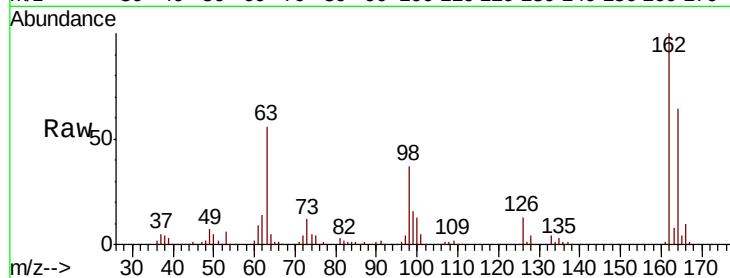
Tot Ion:162 Resp: 224833

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

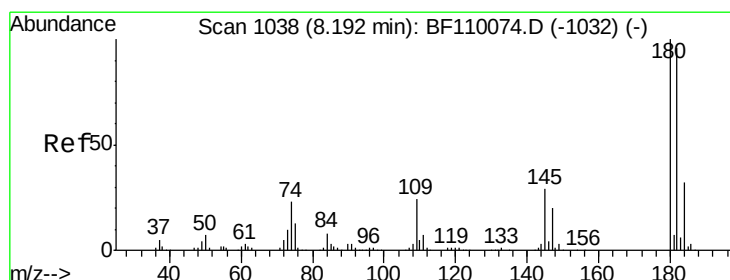
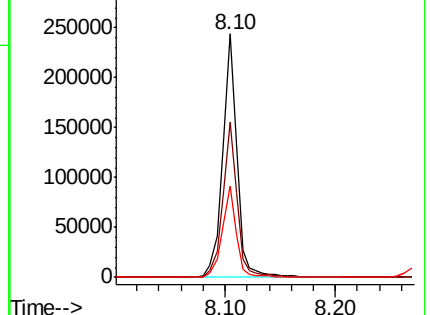
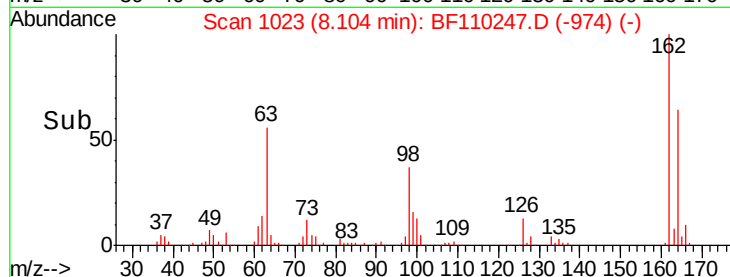
98 37.4 17.4 57.4



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: 37.208 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

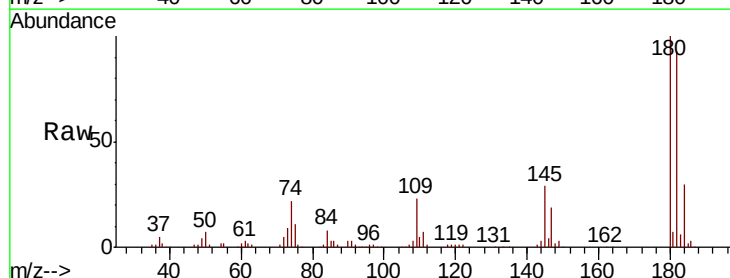
Tgt Ion:180 Resp: 246314

Ion Ratio Lower Upper

180 100

182 93.0 80.3 120.5

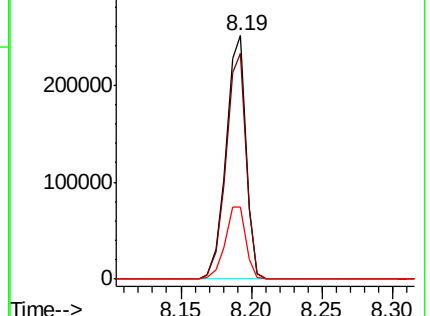
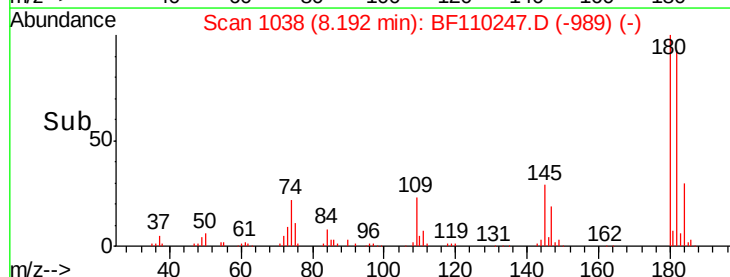
145 29.5 25.4 38.0

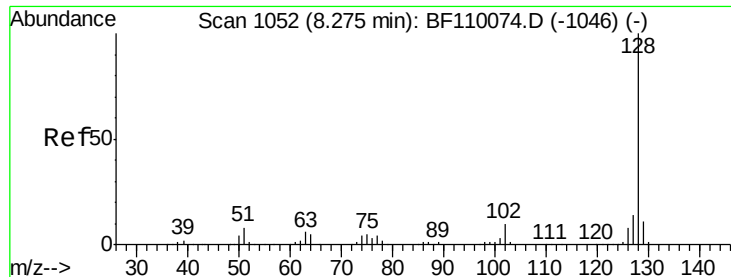


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

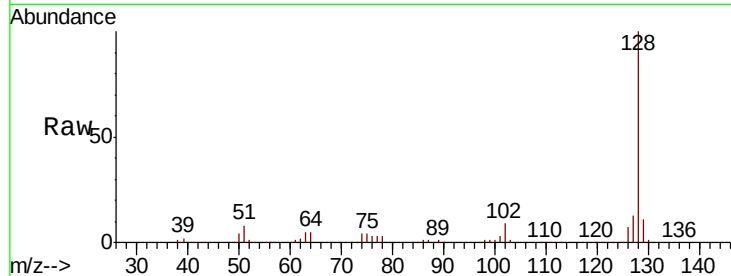




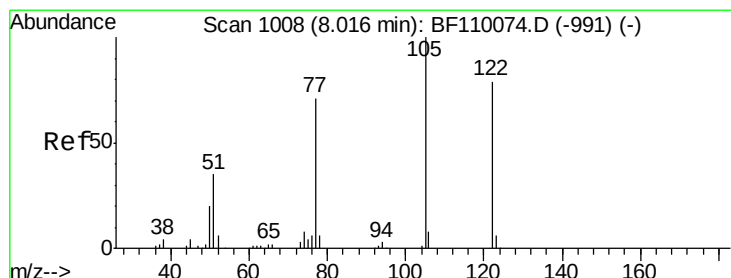
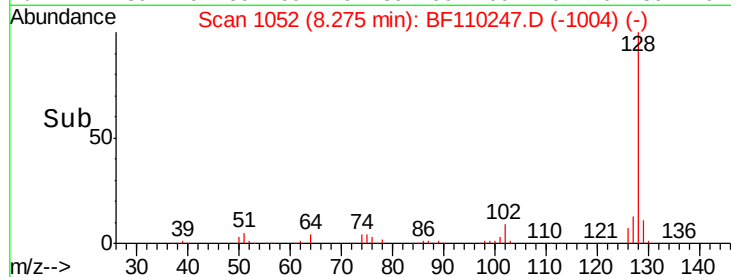
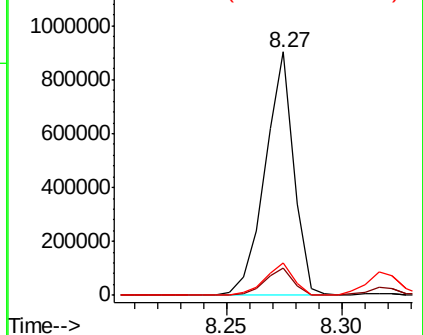
#31
Naphthalene
Concen: 39.782 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 781011
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.8 16.2

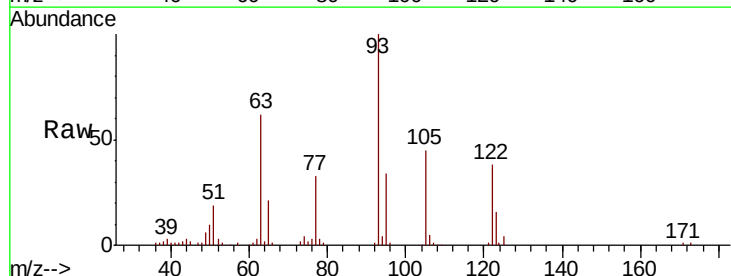


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

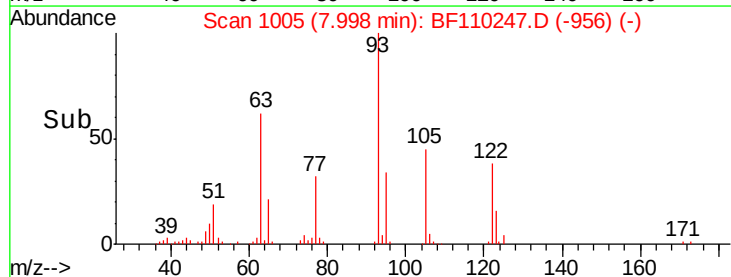
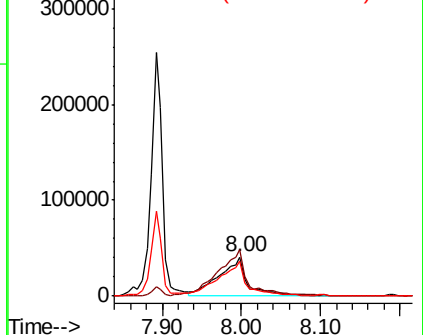


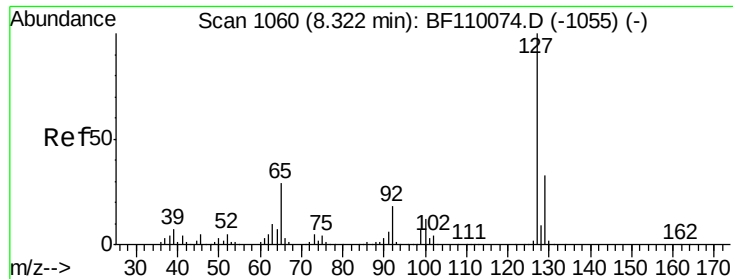
#32
Benzoic acid
Concen: 22.650 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:122 Resp: 102408
Ion Ratio Lower Upper
122 100
105 119.2 109.0 149.0
77 88.7 79.0 119.0



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

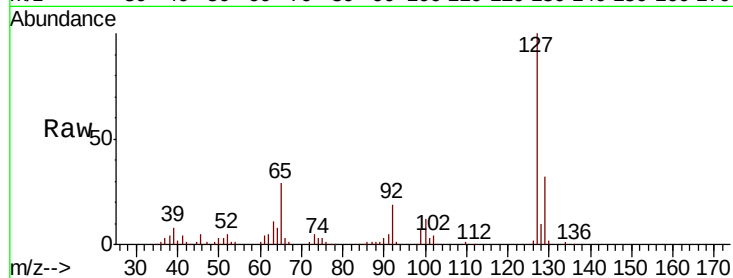




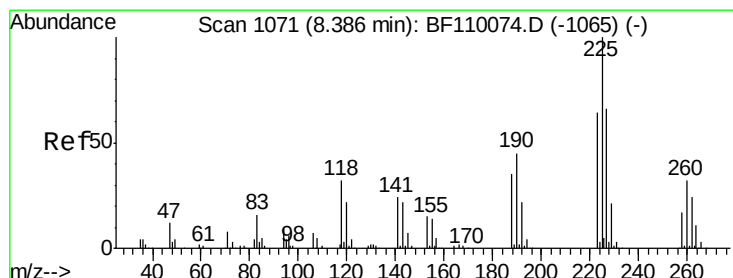
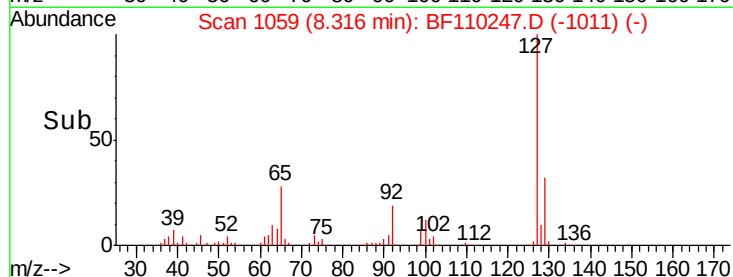
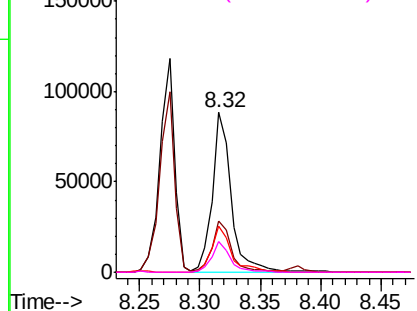
#33
4-Chloroaniline
Concen: 10.982 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	97033
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.0 39.0
65	28.8	25.1 37.7
92	19.0	15.0 22.6

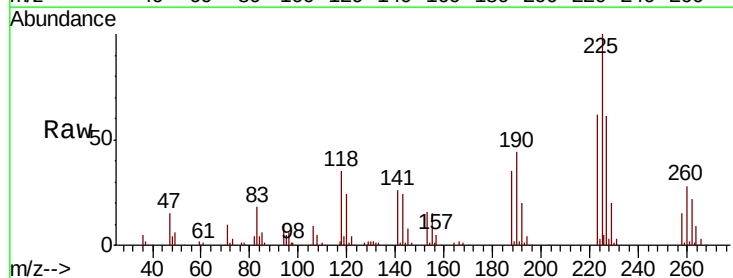


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

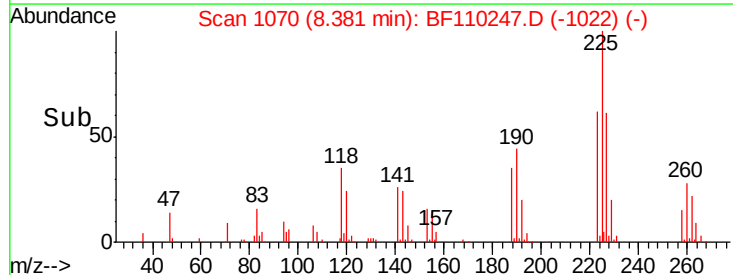
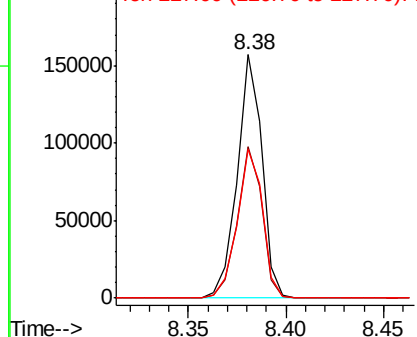


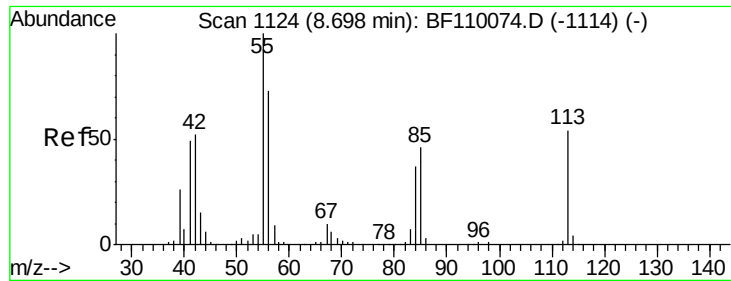
#34
Hexachlorobutadiene
Concen: 37.533 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:225	Resp:	137956
Ion	Ratio	Lower Upper
225	100	
223	62.2	51.4 77.2
227	60.9	51.0 76.6



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

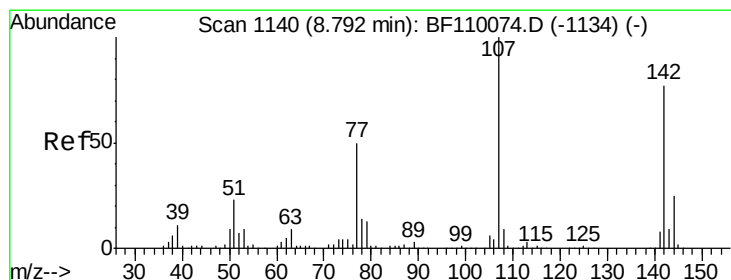
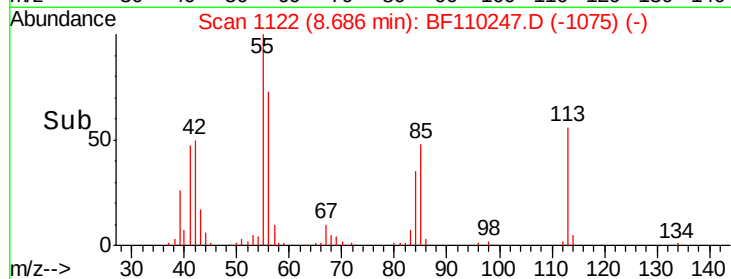
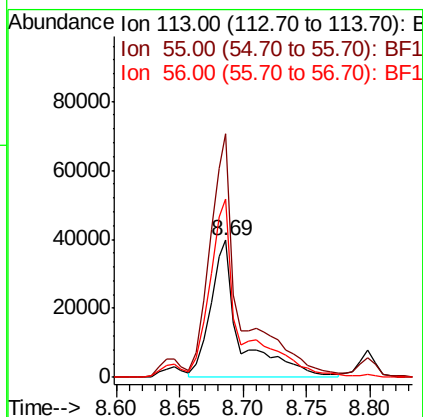
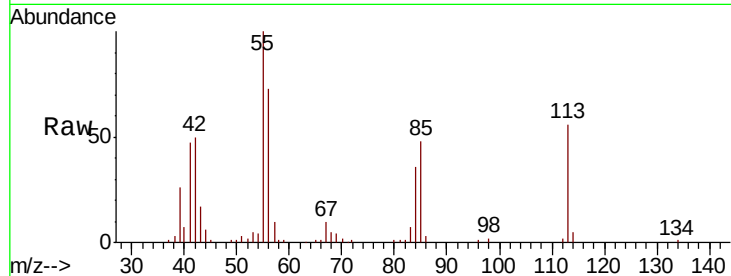




#35
 Caprolactam
 Concen: 31.718 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

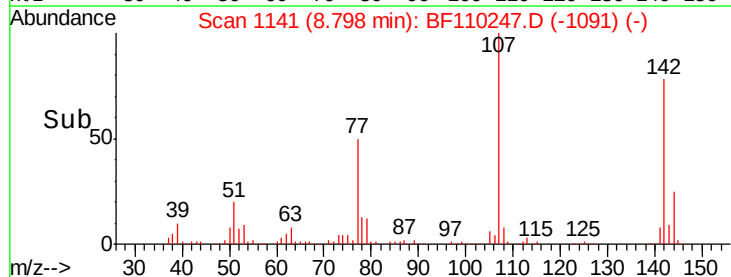
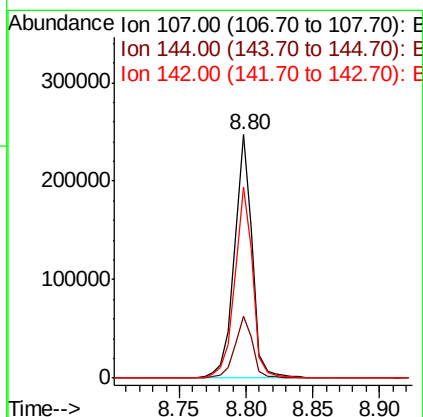
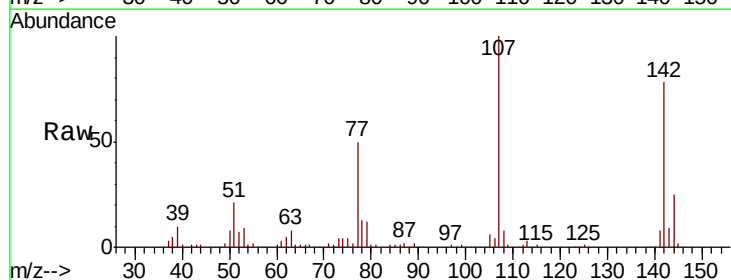
Instrument :
 BNA_F
 ClientSampleId :

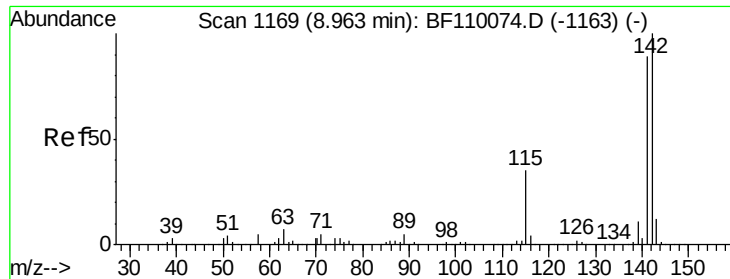
Tot Ion:113 Resp: 65336
 Ion Ratio Lower Upper
 113 100
 55 178.0 142.8 182.8
 56 130.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.198 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion:107 Resp: 231334
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 78.3 59.7 89.5

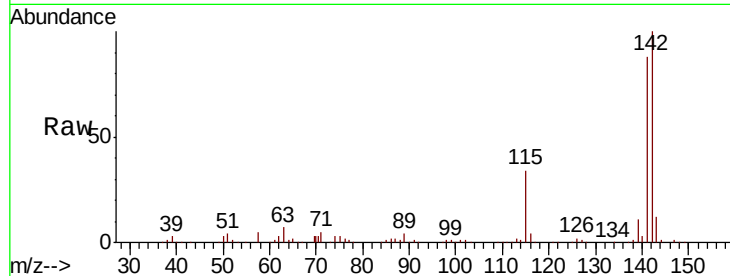




#37
2-Methylnaphthalene
Concen: 40.418 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	34.0	28.7	43.1

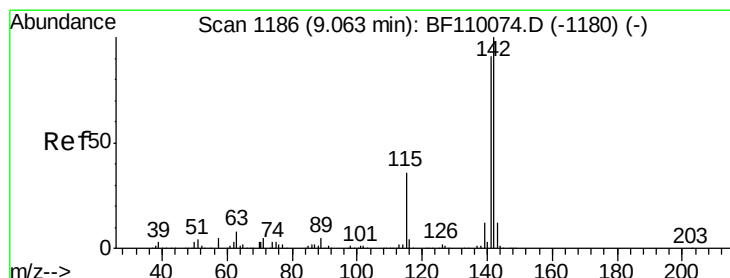
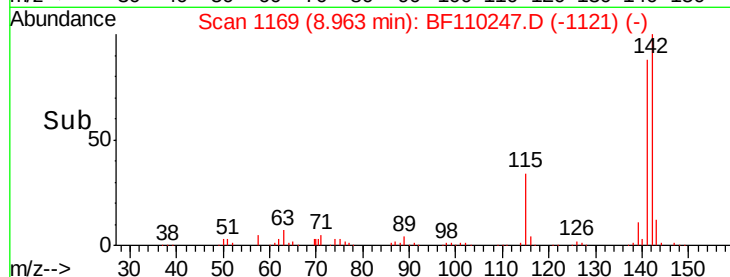
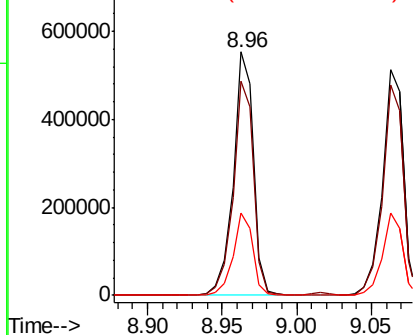


Abundance

Ion 142.00 (141.70 to 142.70): E

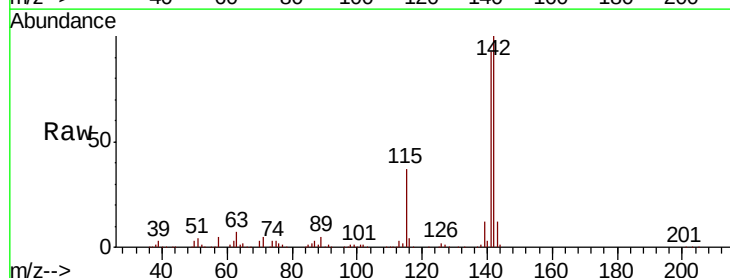
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.919 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	3.9	2.6	4.0

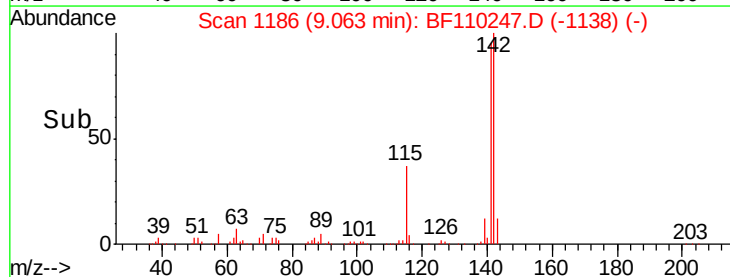
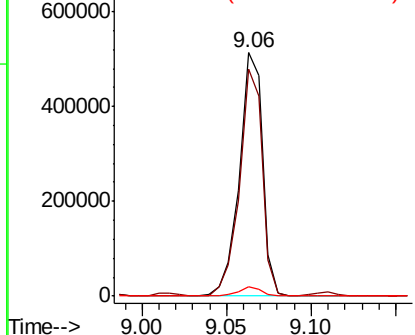


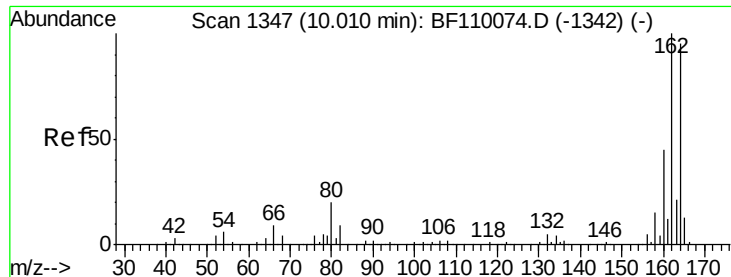
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

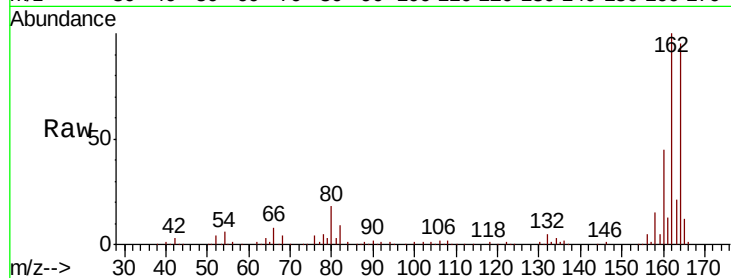
Tot Ion:164 Resp: 174985

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

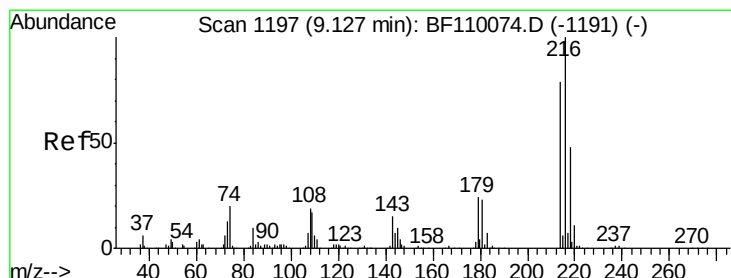
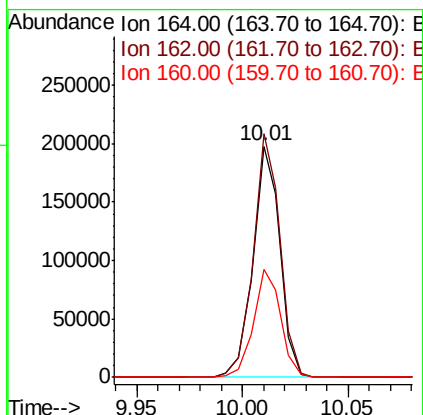
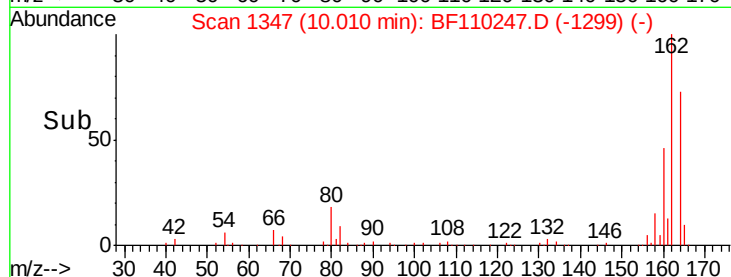
160 46.9 37.0 55.6



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: 40.183 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:216 Resp: 219082

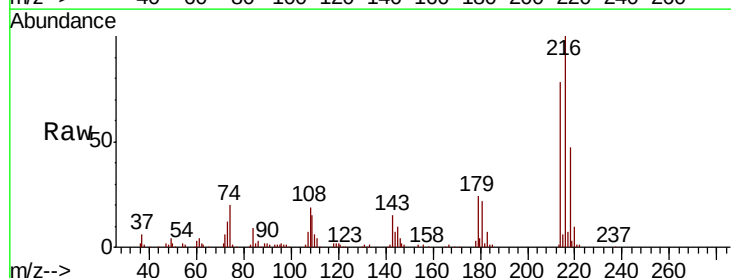
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 22.6 16.6 25.0

108 18.3 15.1 22.7

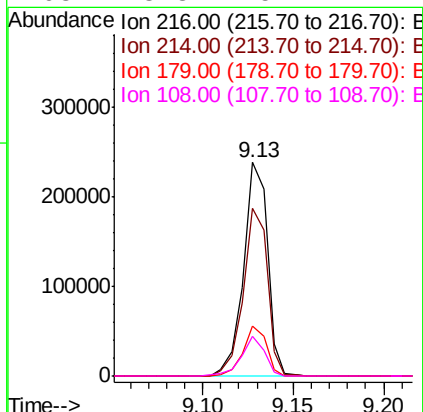
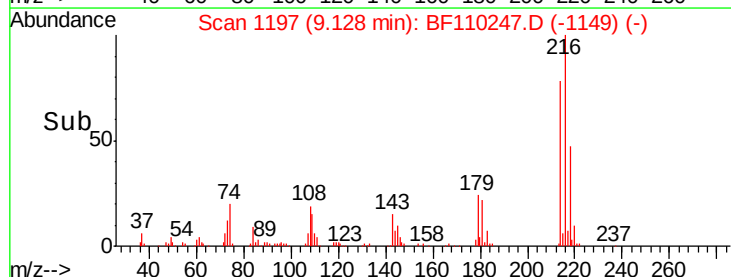


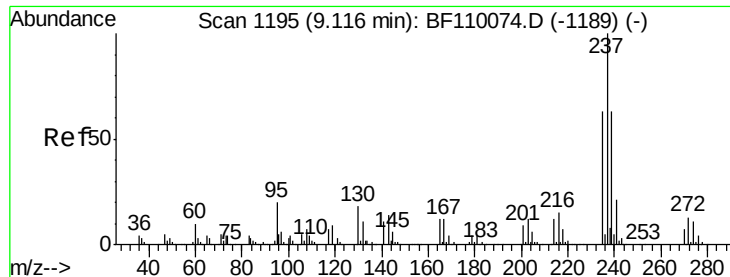
Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.874 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

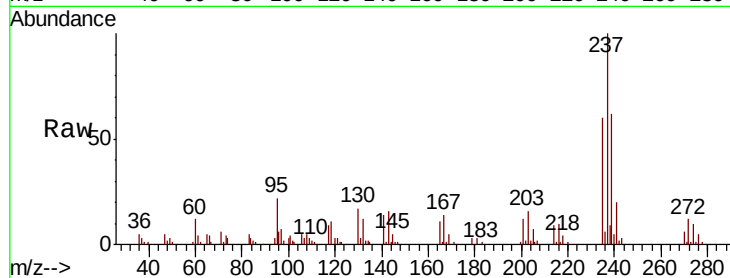
Tot Ion:237 Resp: 60983

Ion Ratio Lower Upper

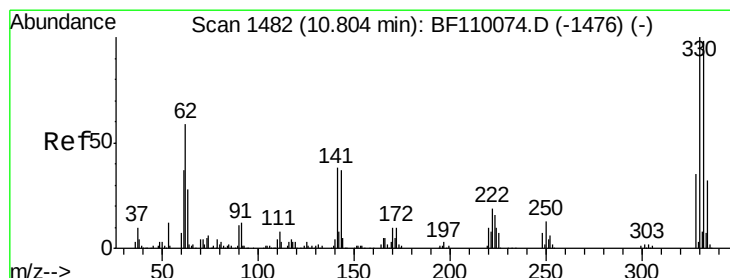
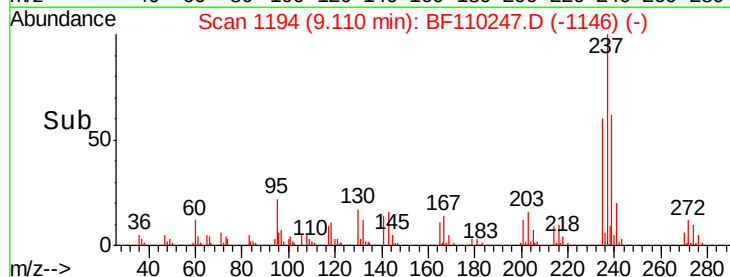
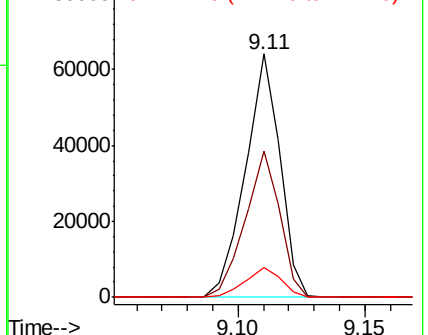
237 100

235 60.1 43.1 83.1

272 12.4 0.0 32.6



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: 66.231 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

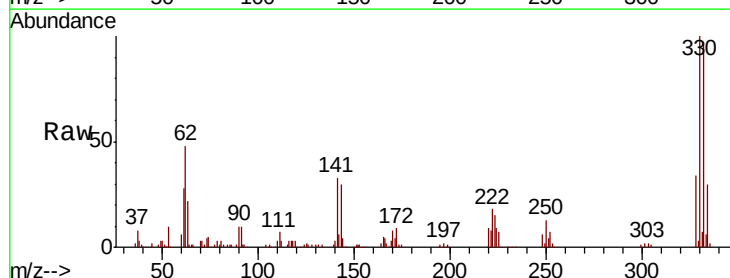
Tgt Ion:330 Resp: 114801

Ion Ratio Lower Upper

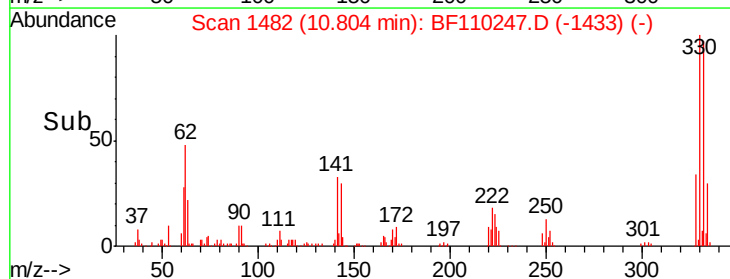
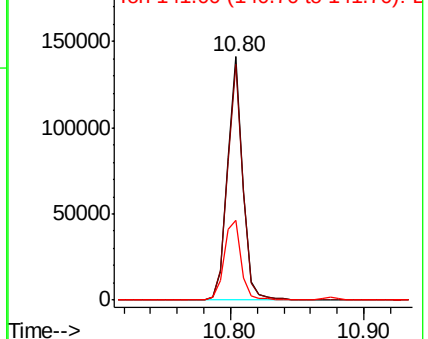
330 100

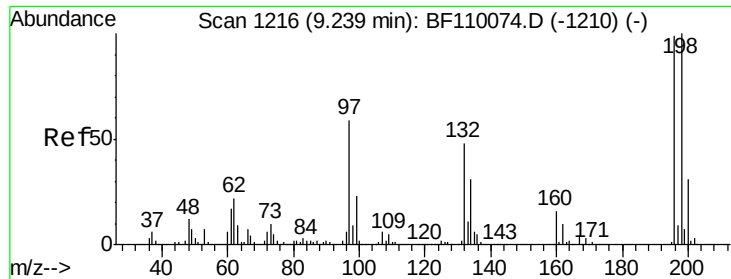
332 98.0 77.1 115.7

141 36.4 27.0 40.4



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

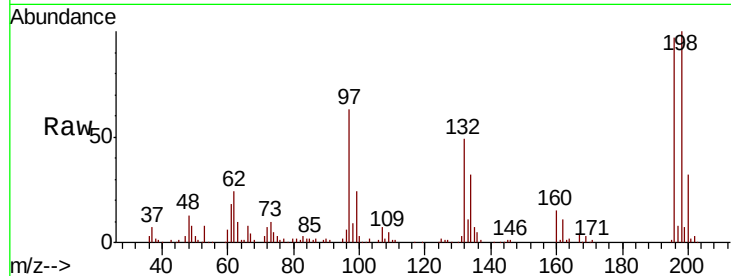




#43
 2,4,6-Trichlorophenol
 Concen: 38.536 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.3	76.2	114.4
200	33.1	24.4	36.6

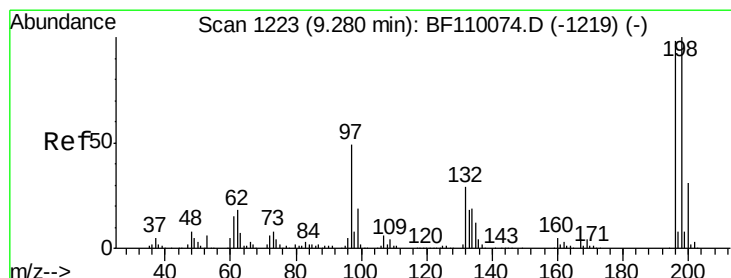
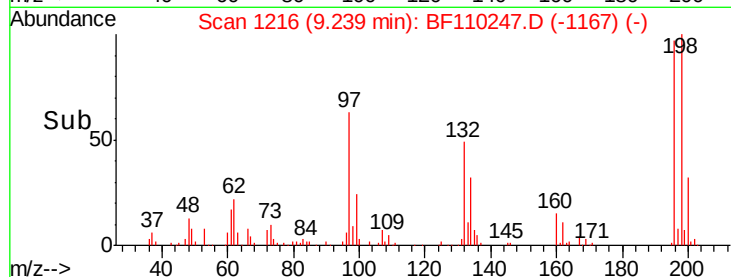
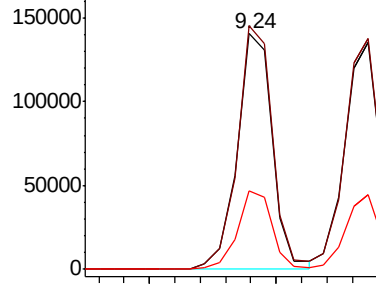


Abundance

Ion 196.00 (195.70 to 196.70): E

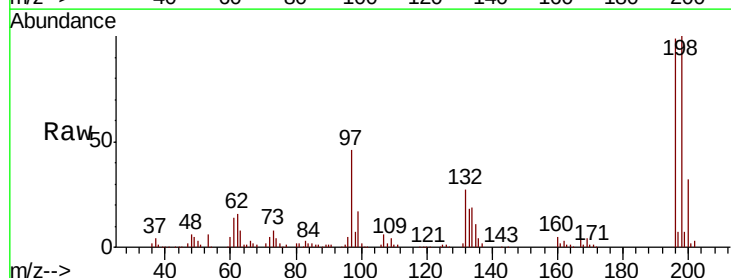
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.945 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	75.8	113.6
97	46.2	42.4	63.6
132	27.5	22.8	34.2



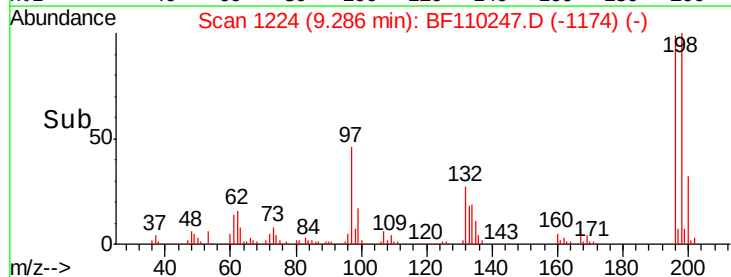
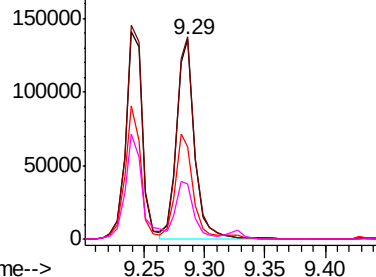
Abundance

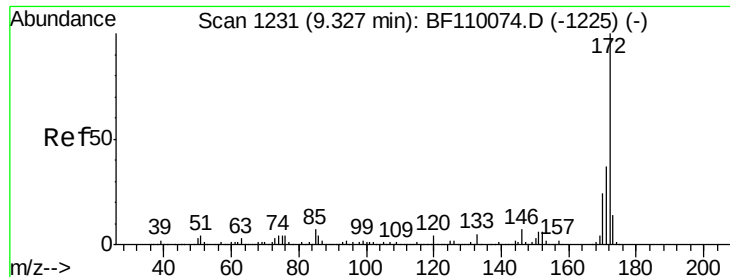
Ion 196.00 (195.70 to 196.70): E

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



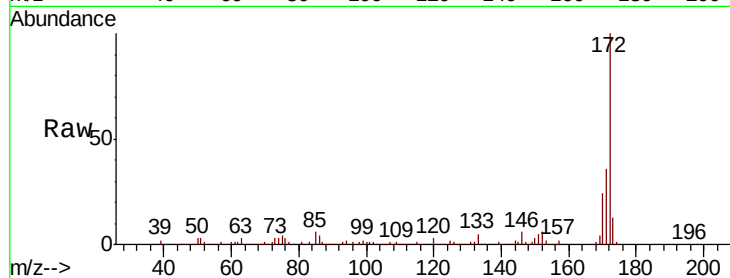


#45
 2-Fluorobiphenyl
 Concen: 93.904 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

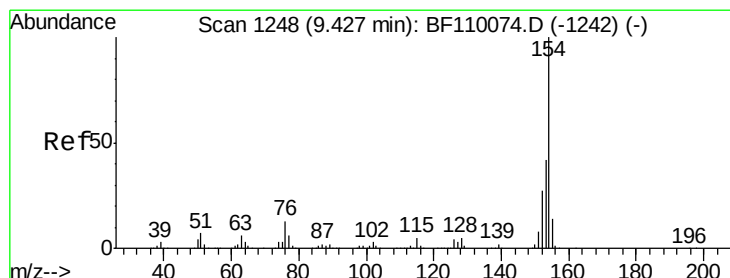
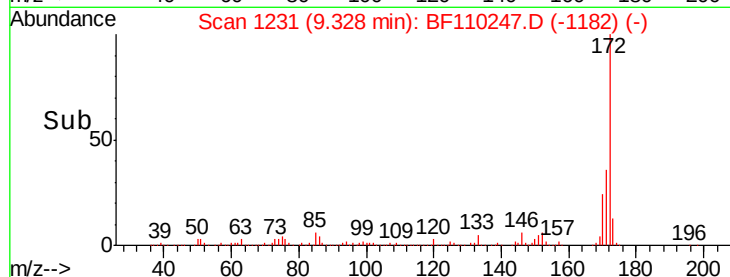
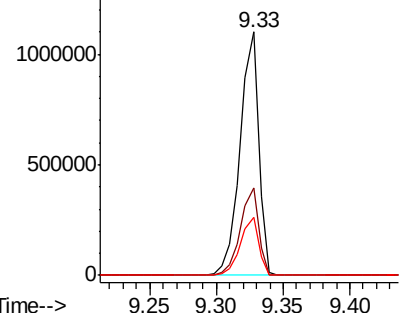
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1046435

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.7	29.5



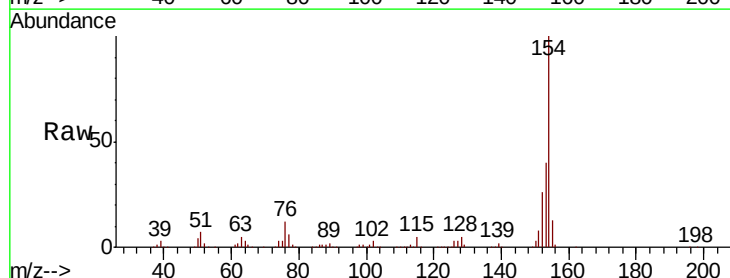
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



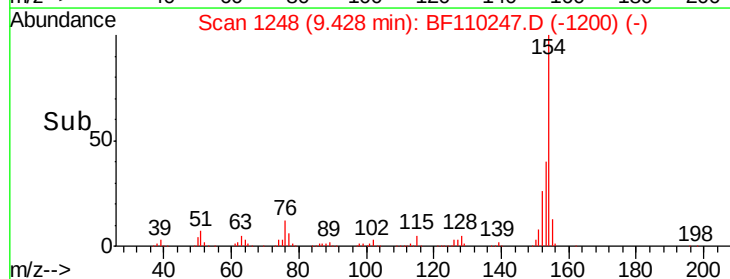
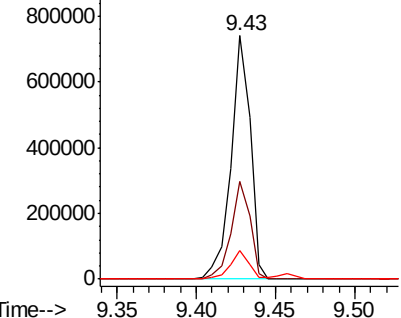
#46
 1,1'-Biphenyl
 Concen: 39.286 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

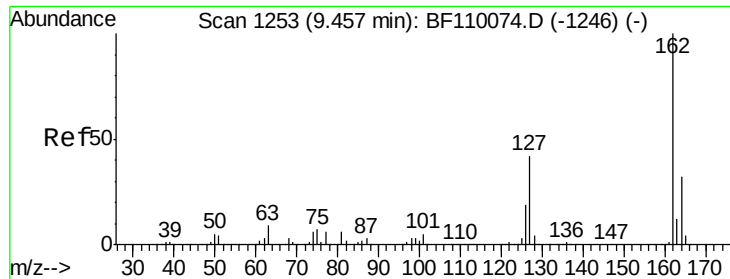
Tgt Ion:154 Resp: 621655

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.4	60.4
76	11.7	0.0	31.9



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

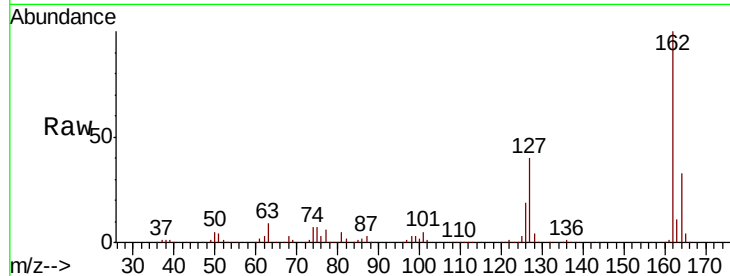




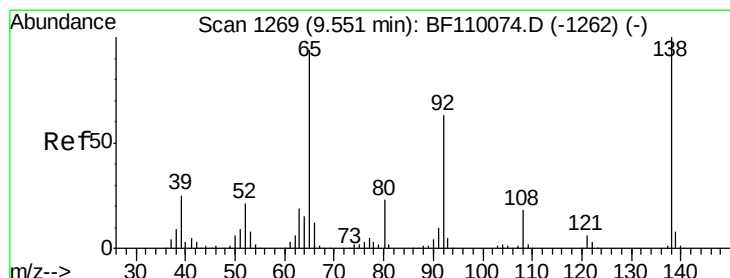
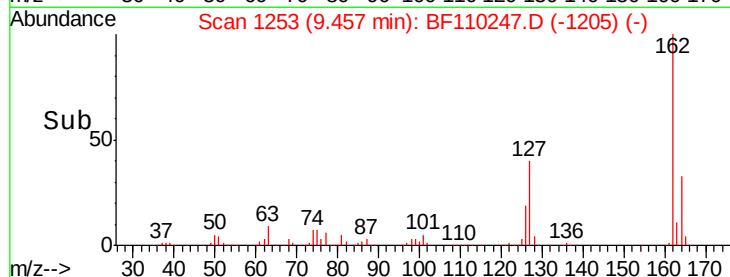
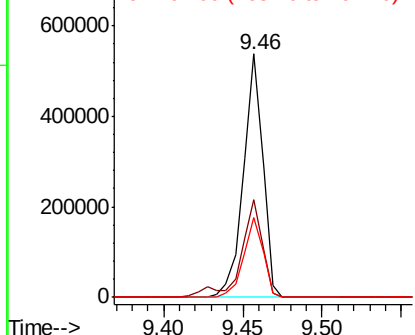
#47
 2-Chloronaphthalene
 Concen: 39.127 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.6	48.8
164	33.0	25.9	38.9

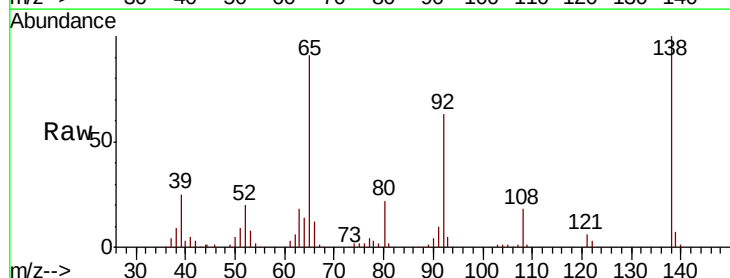


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

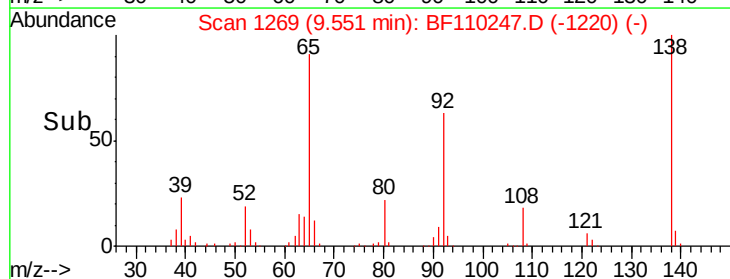
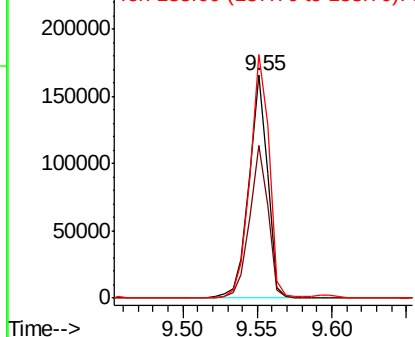


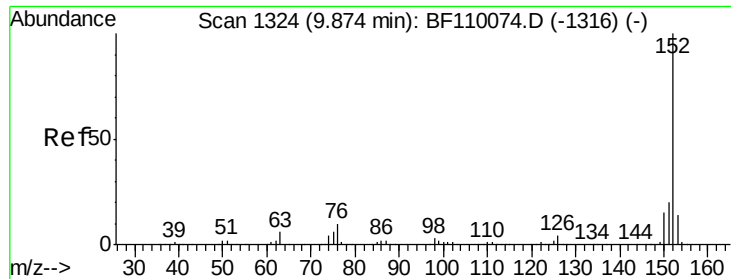
#48
 2-Nitroaniline
 Concen: 40.557 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.6	81.8
138	109.3	80.3	120.5



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: 40.969 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampled :

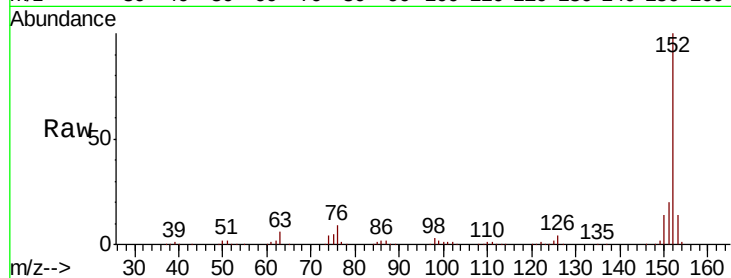
Tot Ion:152 Resp: 686847

Ion Ratio Lower Upper

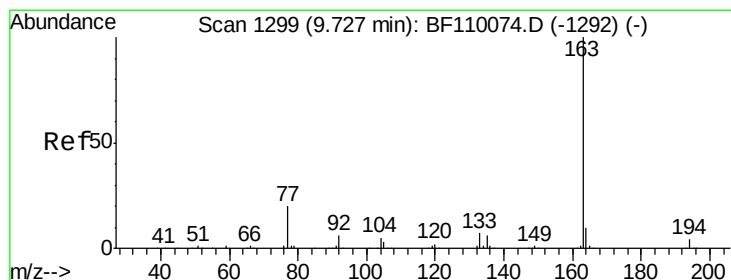
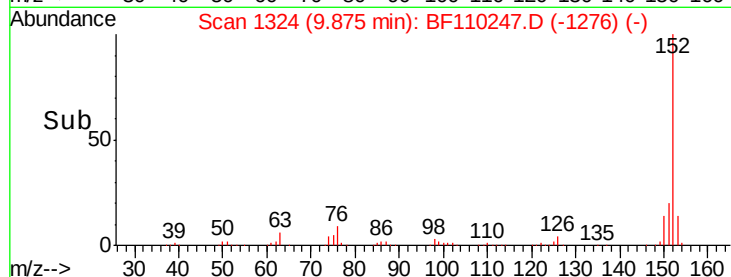
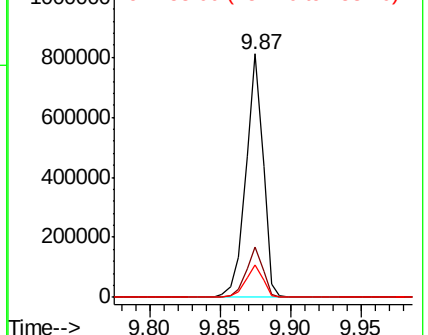
152 100

151 20.5 15.8 23.8

153 13.6 10.4 15.6



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: 42.881 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

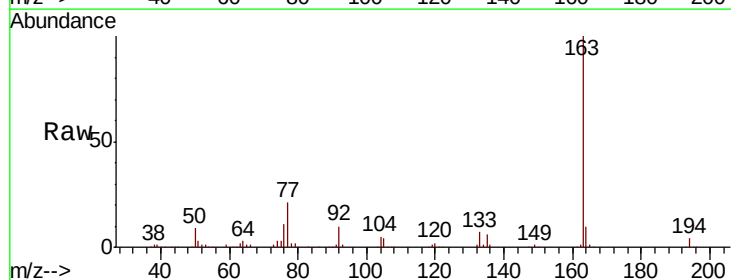
Tgt Ion:163 Resp: 553888

Ion Ratio Lower Upper

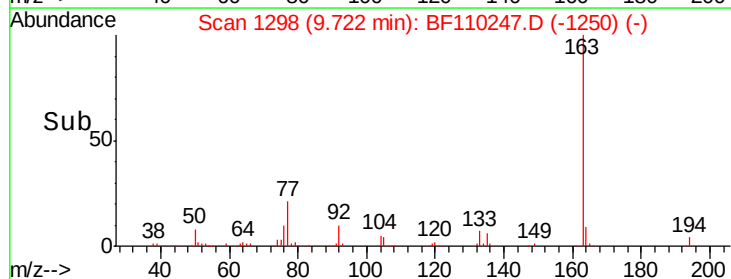
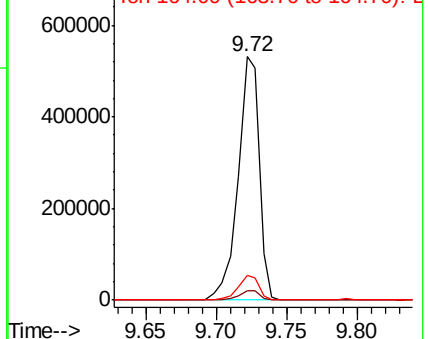
163 100

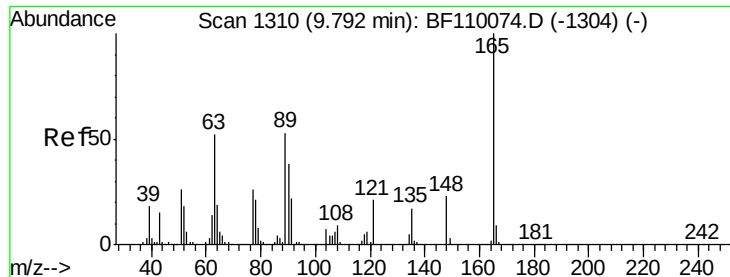
194 3.7 3.2 4.8

164 10.3 8.1 12.1



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

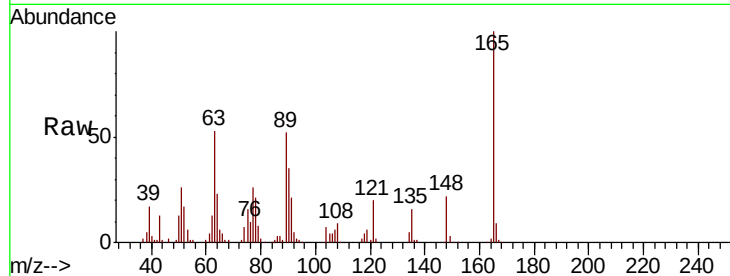




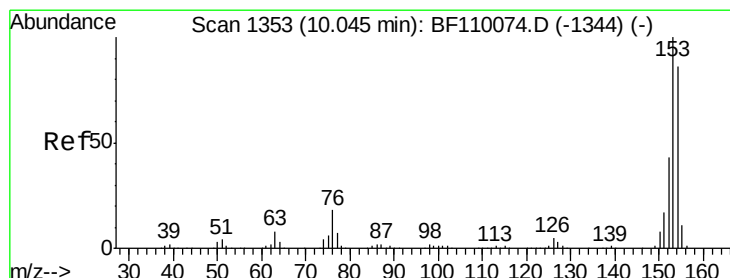
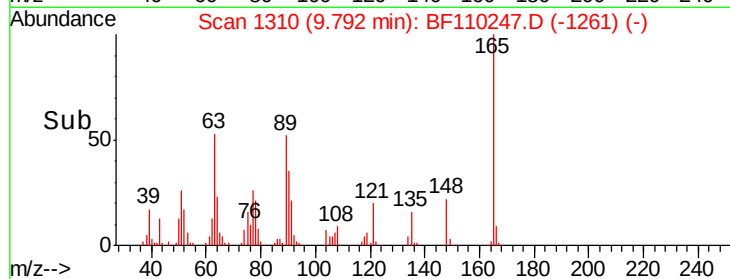
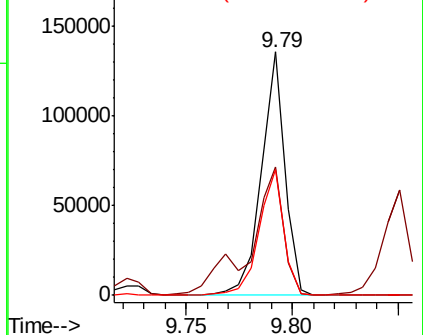
#51
2,6-Dinitrotoluene
Concen: 38.005 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.6	48.9	73.3
89	51.8	46.6	69.8

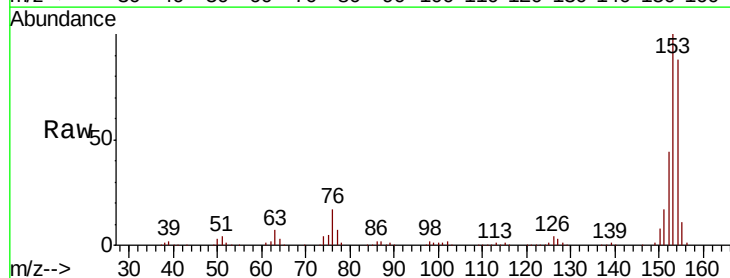


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

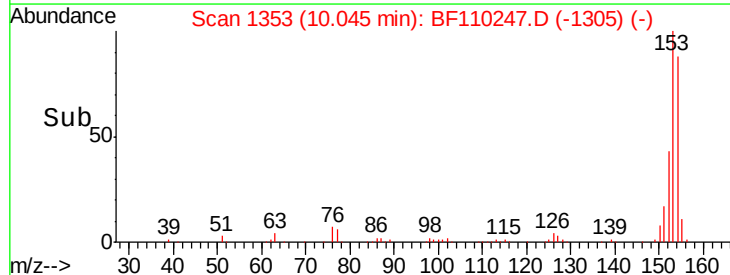
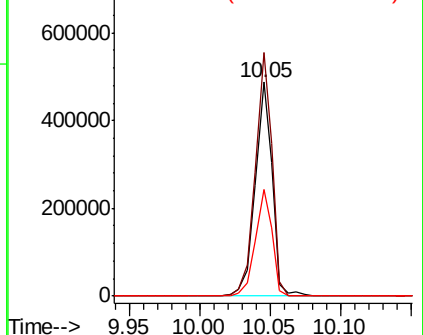


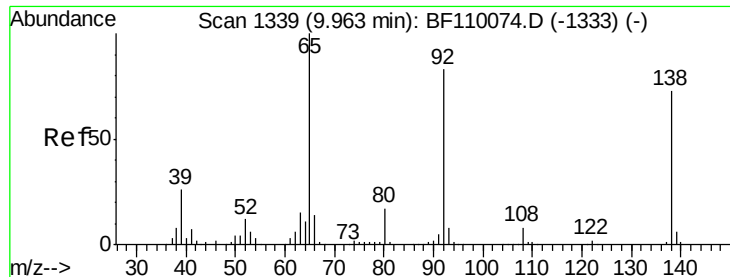
#52
Acenaphthene
Concen: 37.479 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	50.1	43.4	65.2



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

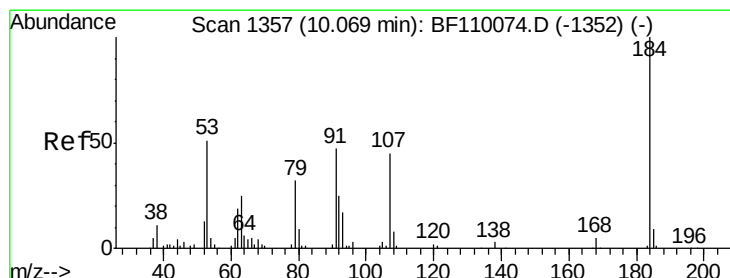
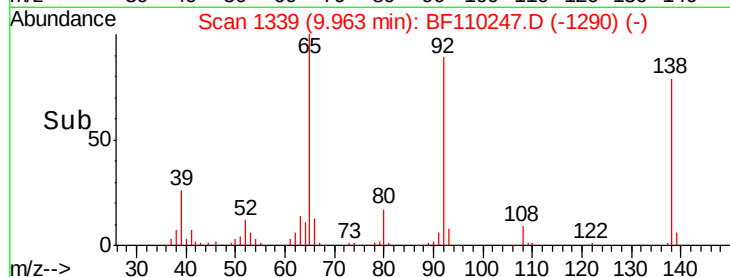
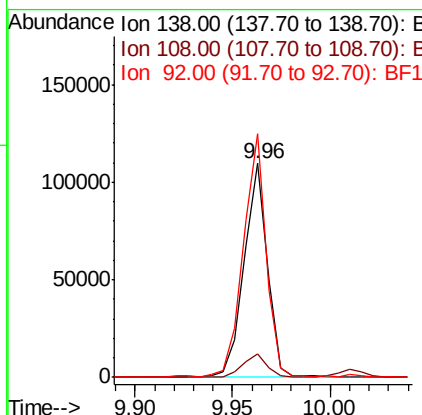
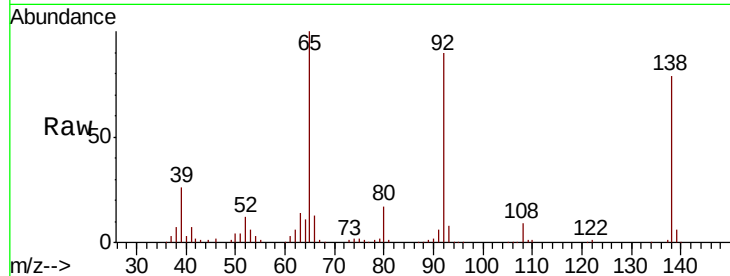




#53
 3-Nitroaniline
 Concen: 27.461 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

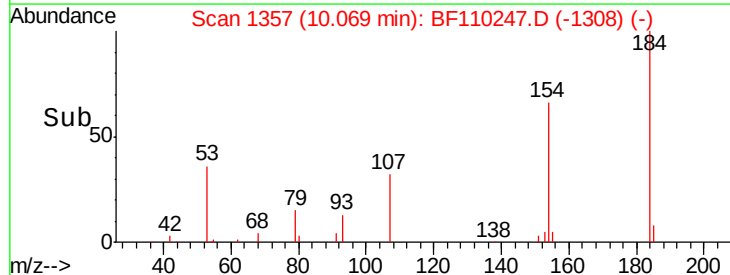
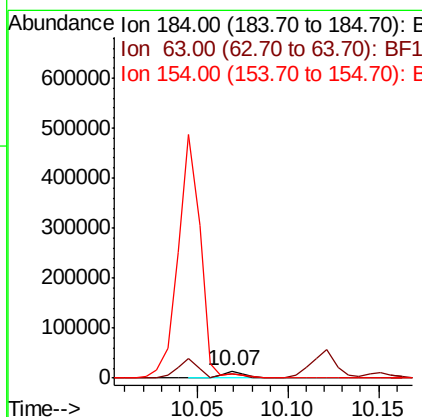
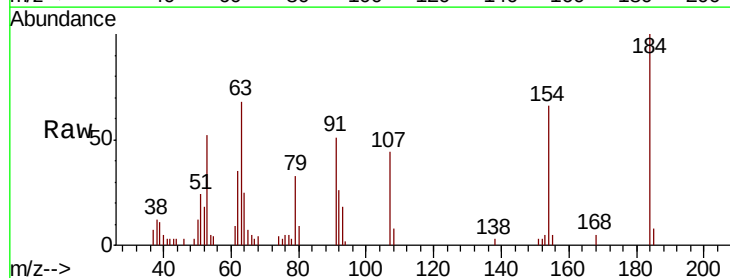
Instrument :
 BNA_F
 ClientSampleId :

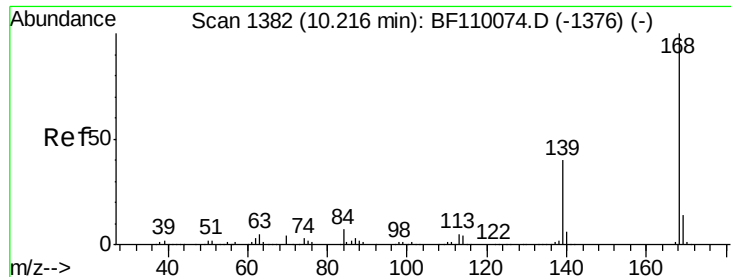
Tot Ion:138 Resp: 90862
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.7 13.1
 92 114.0 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 15.535 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion:184 Resp: 12231
 Ion Ratio Lower Upper
 184 100
 63 68.1 55.8 83.6
 154 66.1 63.2 94.8

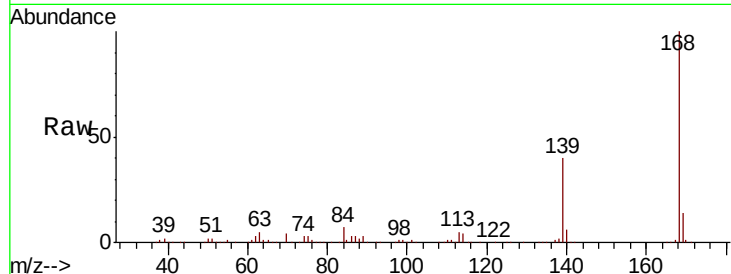




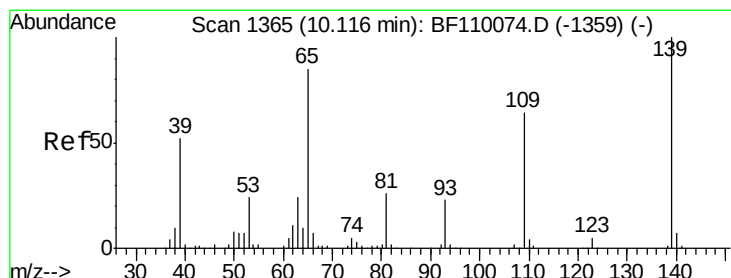
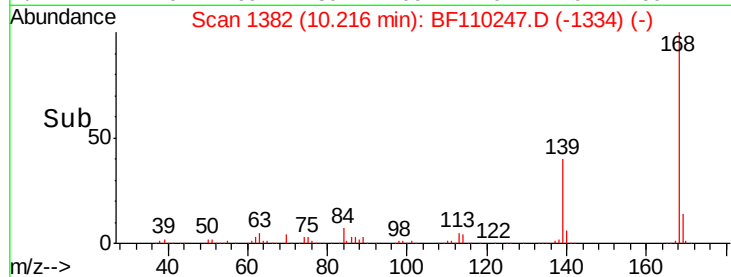
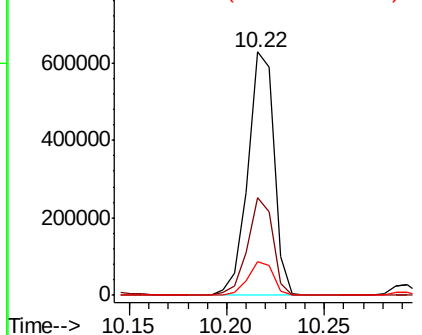
#55
Dibenzenofuran
Concen: 37.831 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 587444
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.6
169 13.8 11.3 16.9

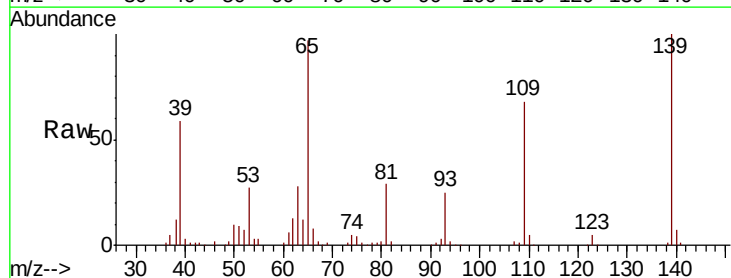


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

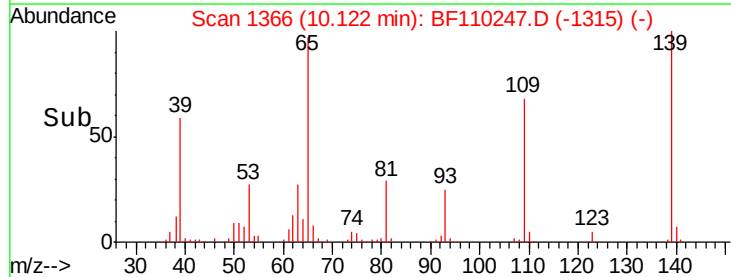
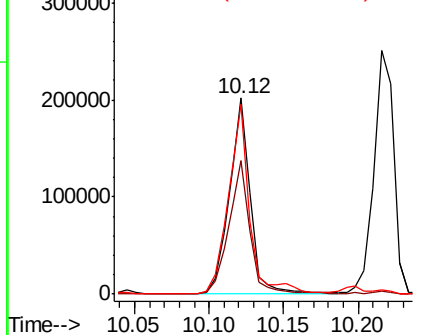


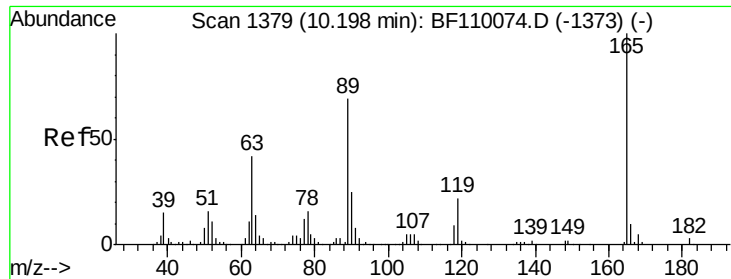
#56
4-Nitrophenol
Concen: 82.515 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:139 Resp: 202069
Ion Ratio Lower Upper
139 100
109 68.3 55.8 95.8
65 96.6 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

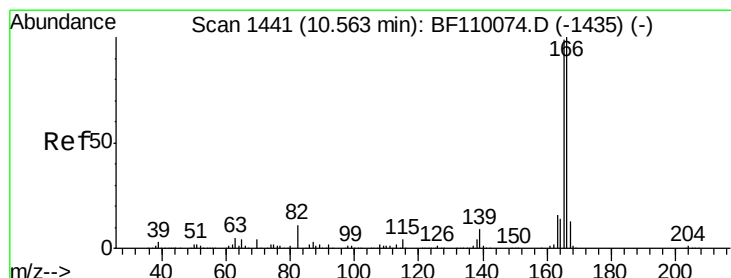
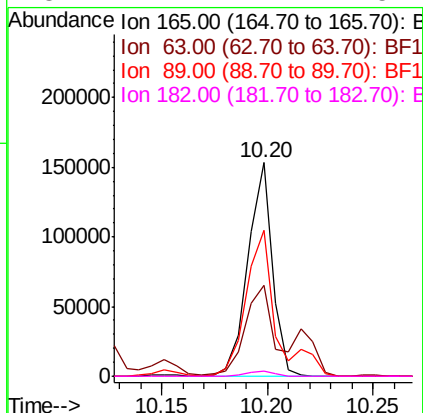
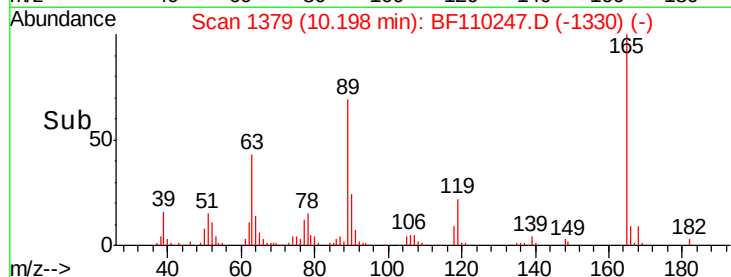
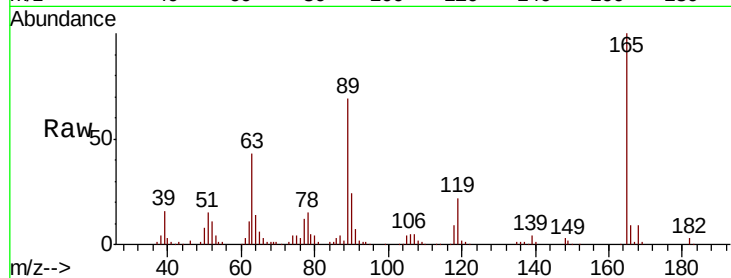




#57
2,4-Dinitrotoluene
Concen: 35.136 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

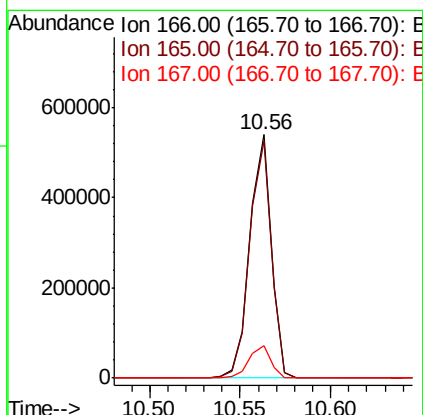
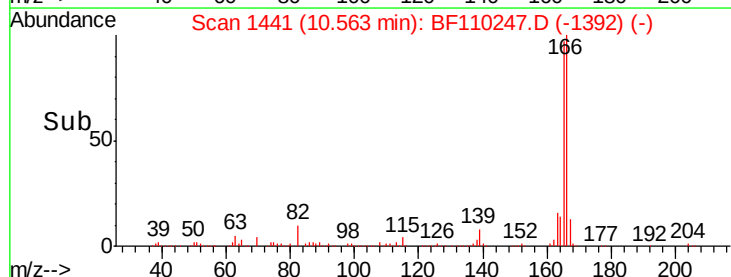
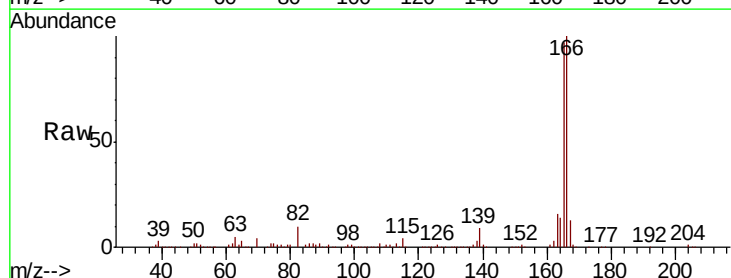
Instrument :
BNA_F
ClientSampleId :

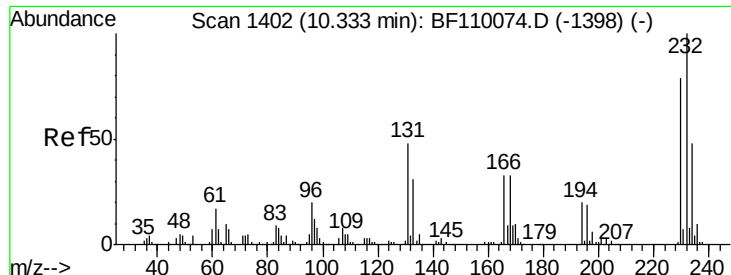
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	44.8	67.2#
89	68.6	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 38.741 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	13.3	10.8	16.2

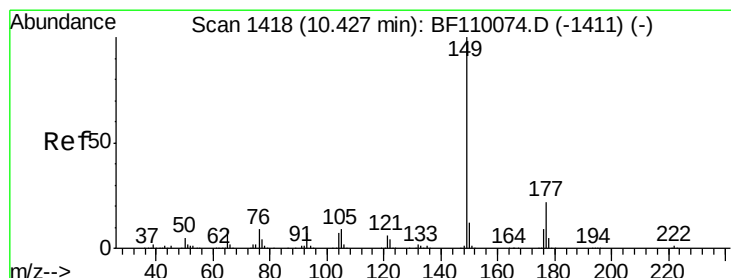
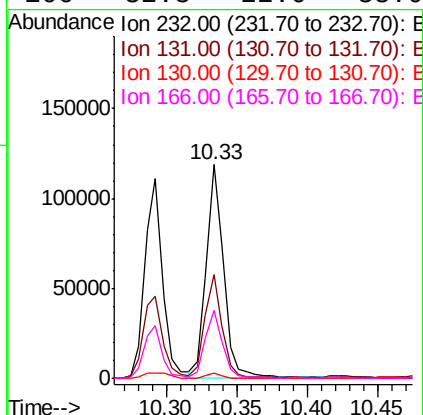
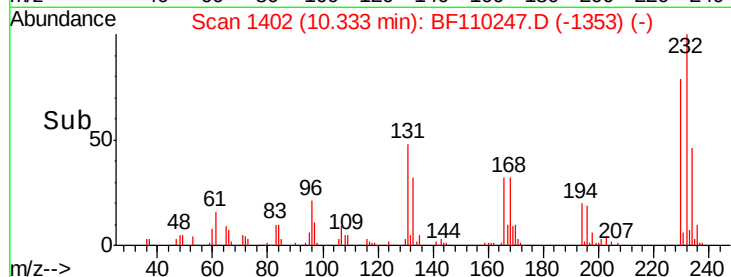
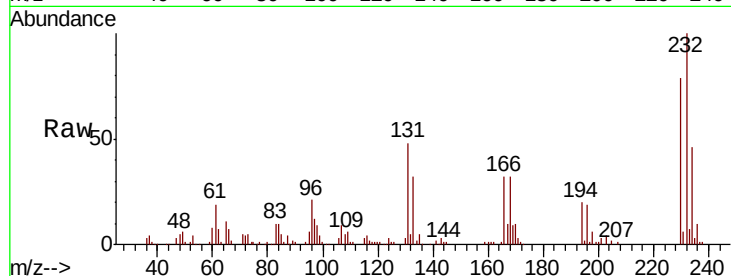




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.702 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

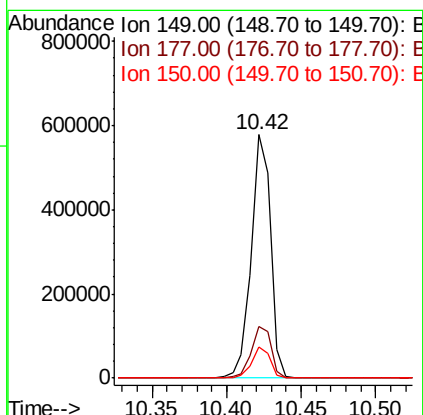
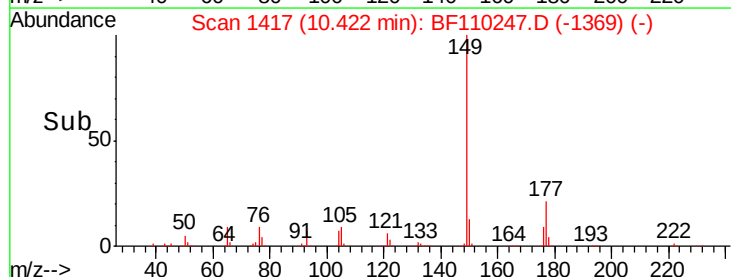
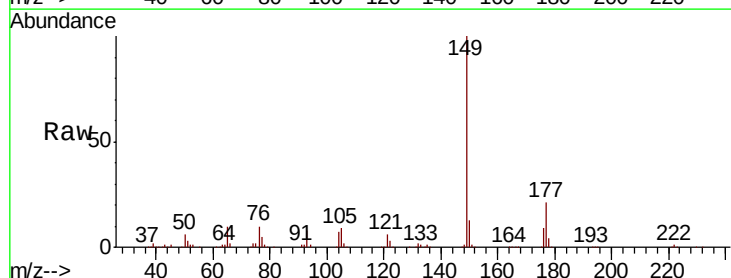
Instrument :
BNA_F
ClientSampleId :

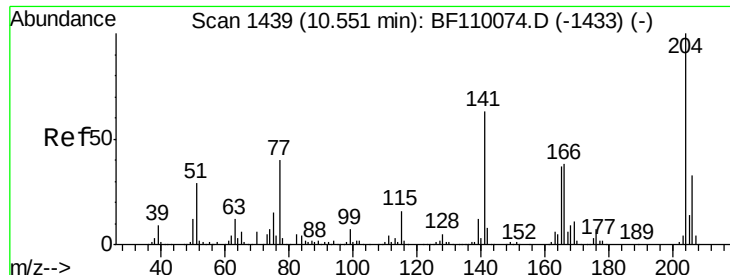
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	37.0	55.4
130	2.3	1.8	2.6
166	32.3	22.0	33.0



#60
Diethylphthalate
Concen: 40.915 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.9	9.8	14.8

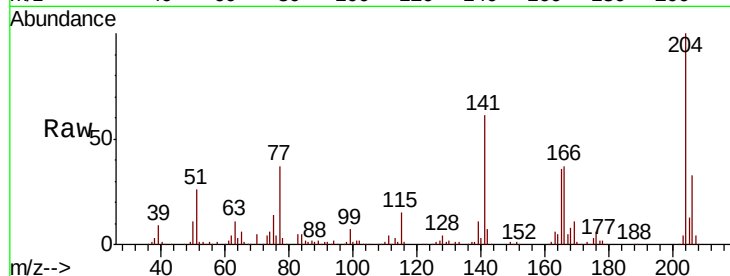




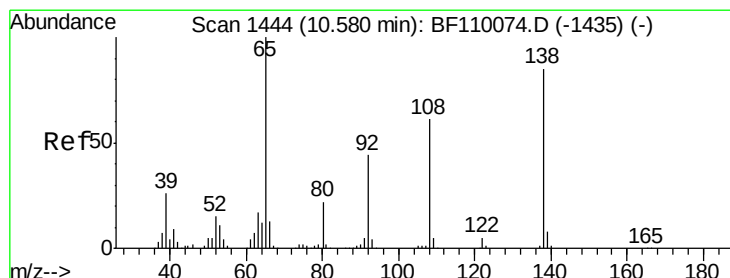
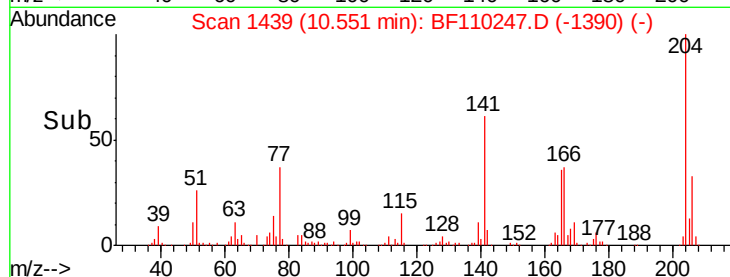
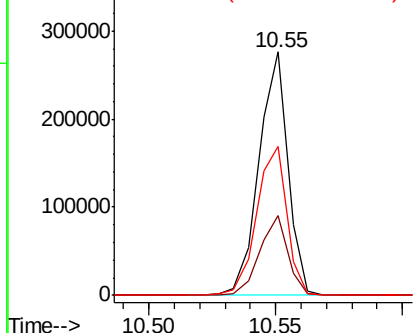
#61
4-Chlorophenyl-phenylether
Concen: 36.307 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 221349
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 61.3 51.8 77.8

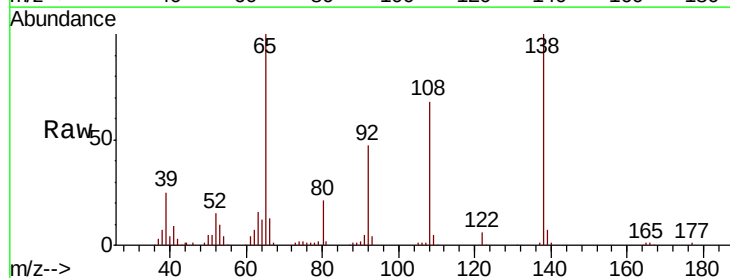


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

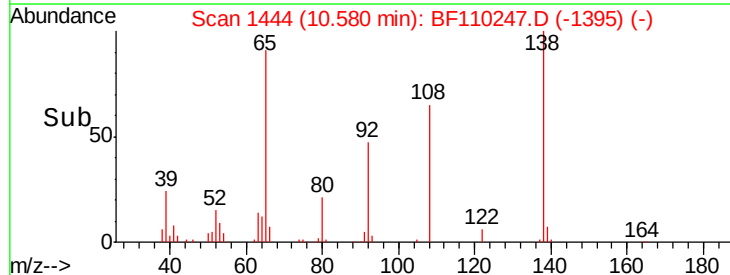
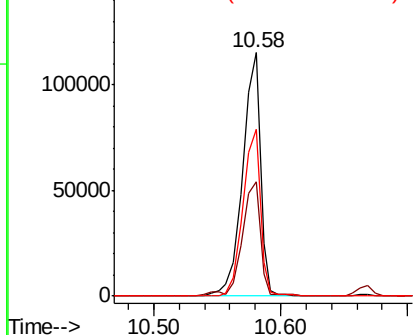


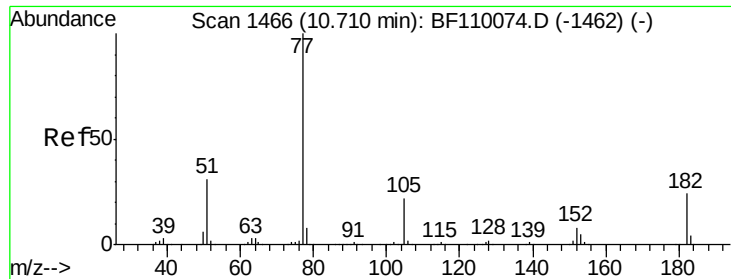
#62
4-Nitroaniline
Concen: 33.943 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:138 Resp: 111703
Ion Ratio Lower Upper
138 100
92 47.1 31.7 71.7
108 68.3 59.3 99.3



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: 36.275 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 454008

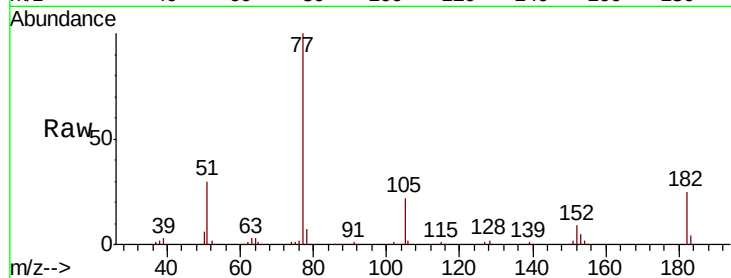
Ion Ratio Lower Upper

77 100

182 25.4 4.3 44.3

105 22.5 1.3 41.3

51 29.7 9.0 49.0

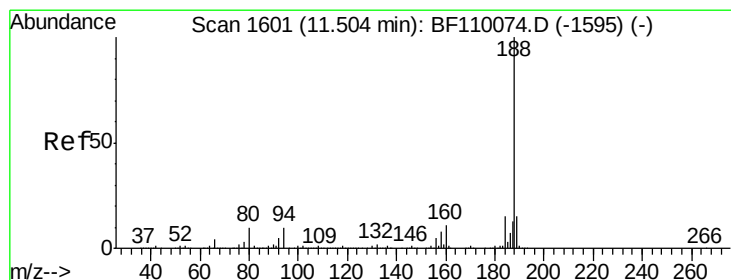
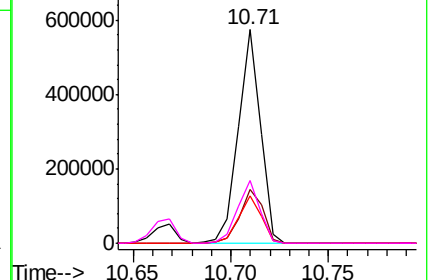
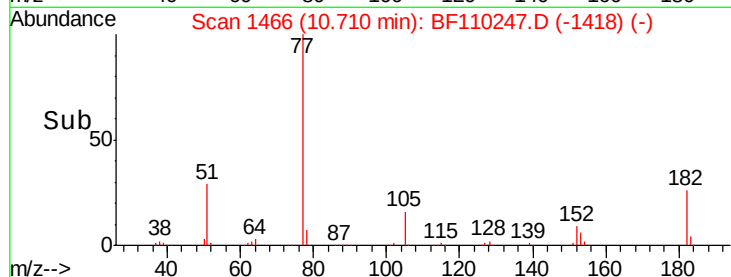


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

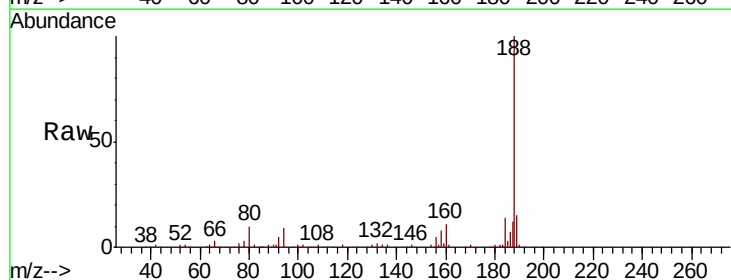
Tgt Ion: 188 Resp: 273955

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

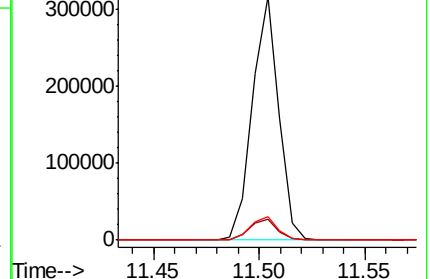
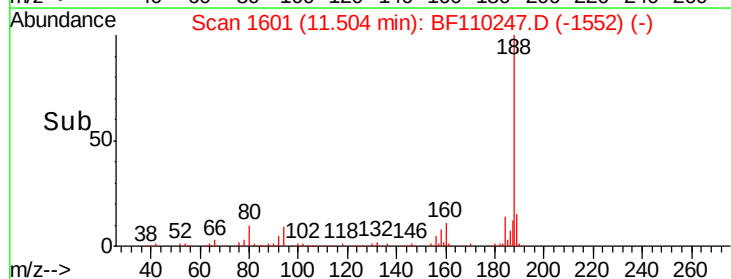
80 9.6 7.9 11.9

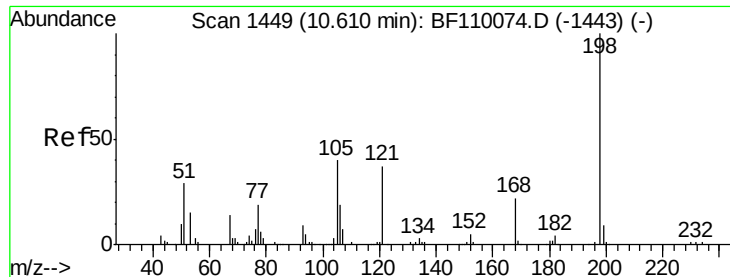


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

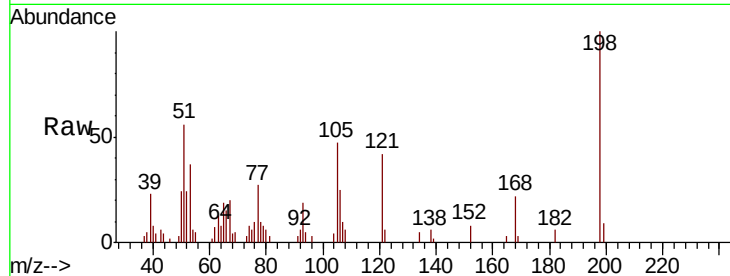




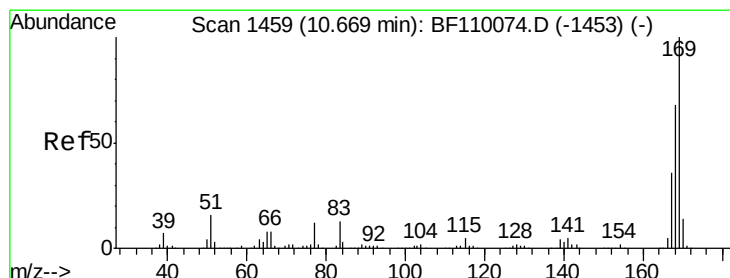
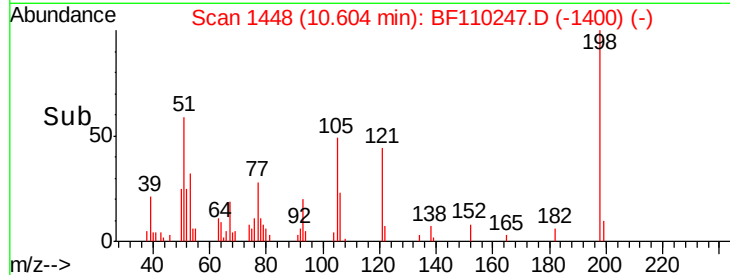
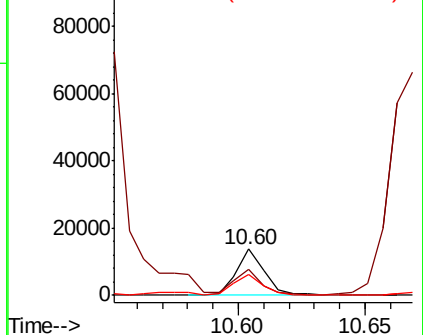
#65
4,6-Dinitro-2-methylphenol
Concen: 8.359 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 10462
Ion Ratio Lower Upper
198 100
51 55.8 22.8 62.8
105 46.6 23.6 63.6

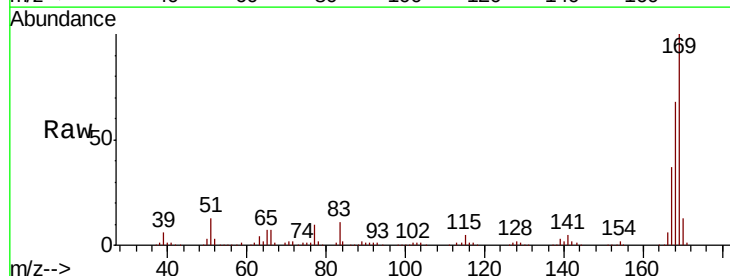


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

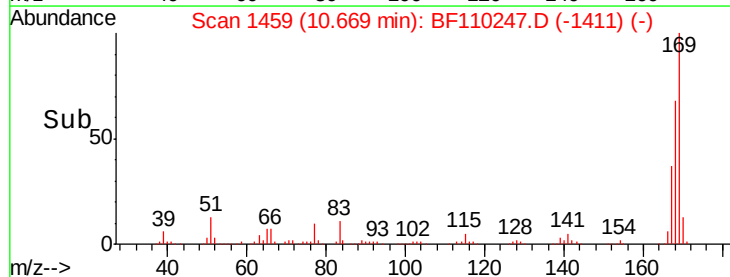
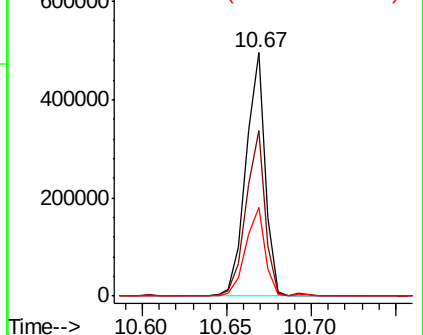


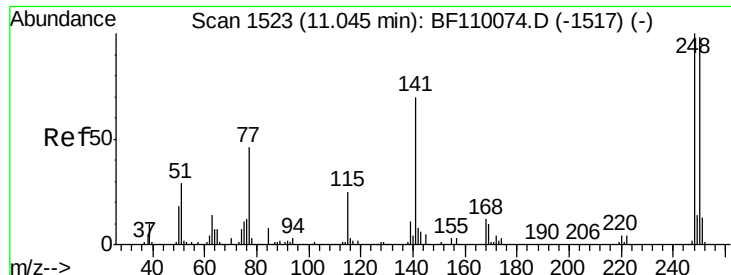
#66
n-Nitrosodiphenylamine
Concen: 44.260 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:169 Resp: 397710
Ion Ratio Lower Upper
169 100
168 67.8 51.2 76.8
167 36.6 27.8 41.6



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

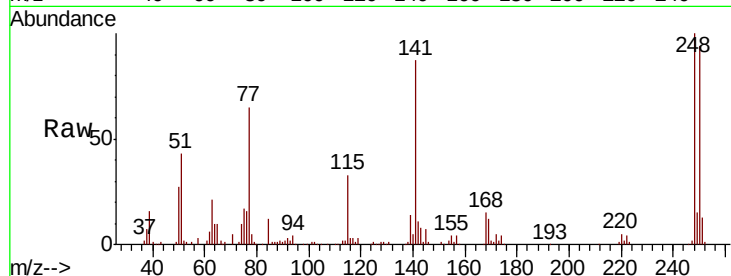




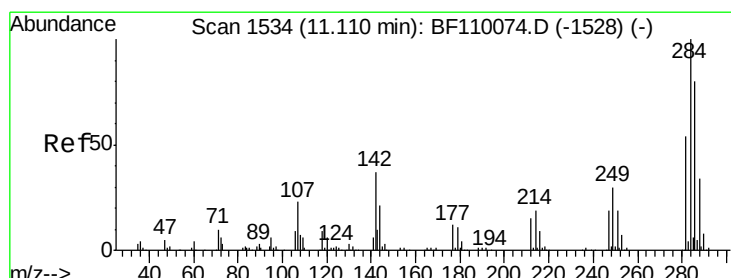
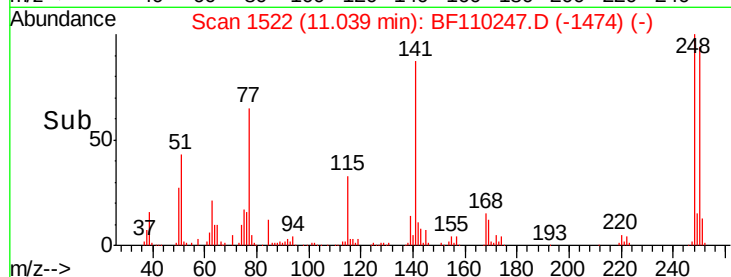
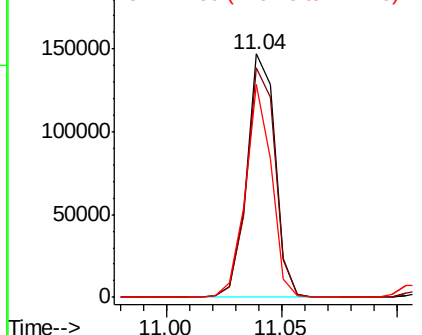
#67
 4-Bromophenyl-phenylether
 Concen: 42.604 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 126602
 Ion Ratio Lower Upper
 248 100
 250 94.4 79.4 119.2
 141 87.3 55.9 83.9#

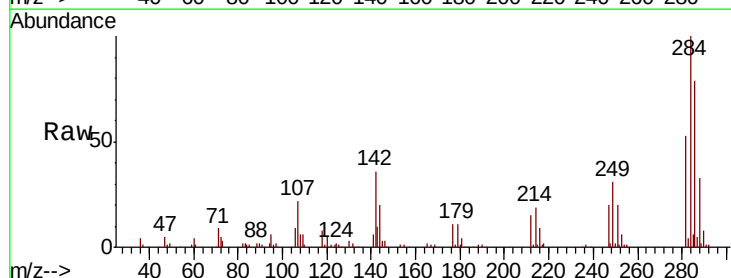


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

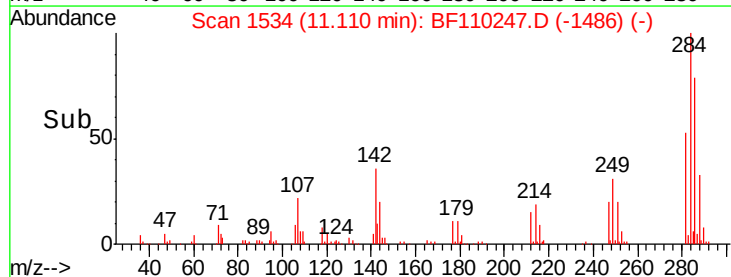
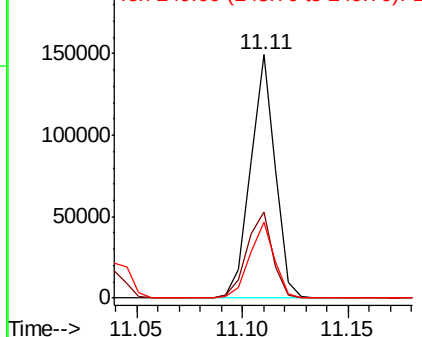


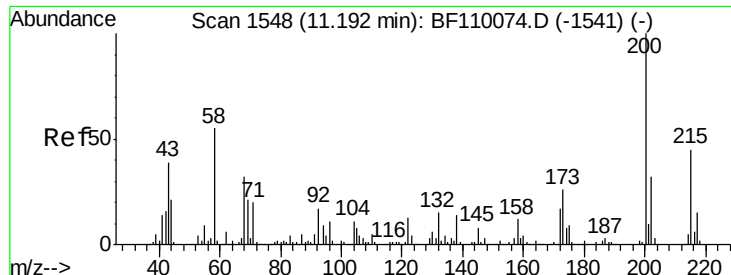
#68
 Hexachlorobenzene
 Concen: 38.541 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion:284 Resp: 121520
 Ion Ratio Lower Upper
 284 100
 142 35.6 23.9 35.9
 249 31.1 24.2 36.2



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

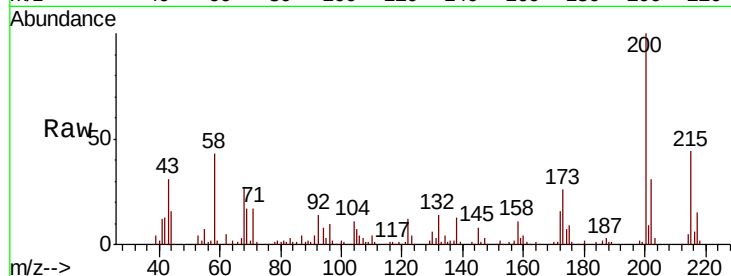




#69
Atrazine
Concen: 42.596 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.6	46.6
215	43.8	26.3	66.3

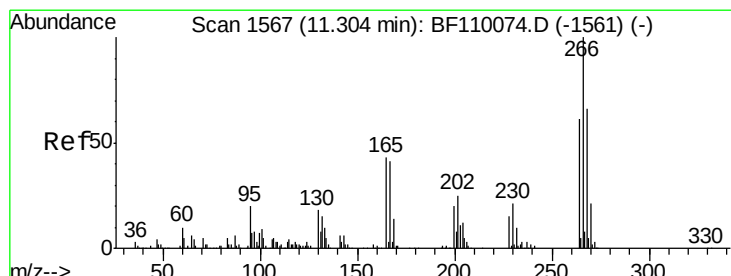
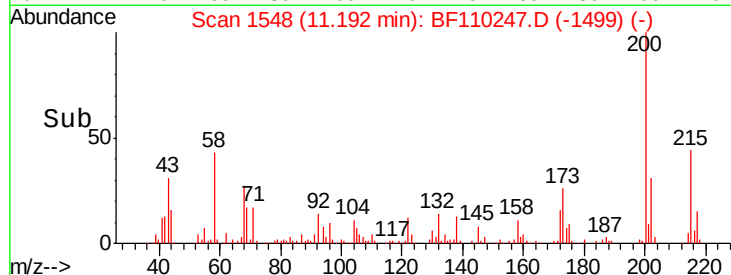
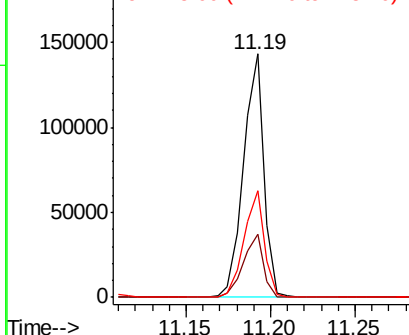


Abundance

Ion 200.00 (199.70 to 200.70): E

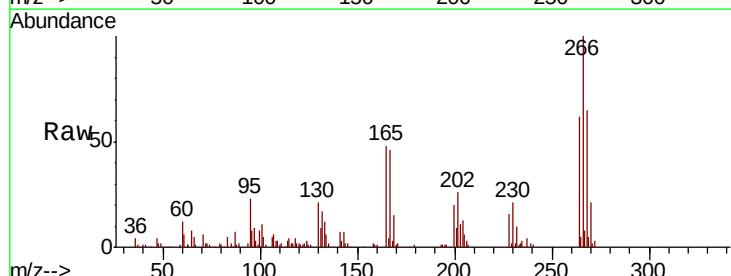
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 53.849 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.6	75.8
264	62.4	50.6	75.8

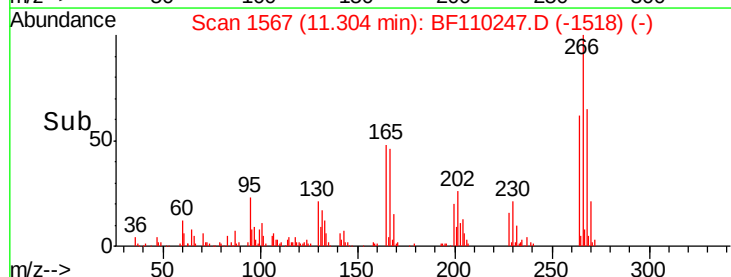
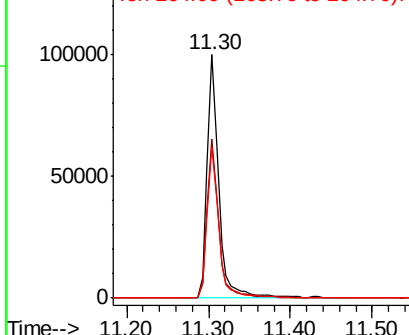


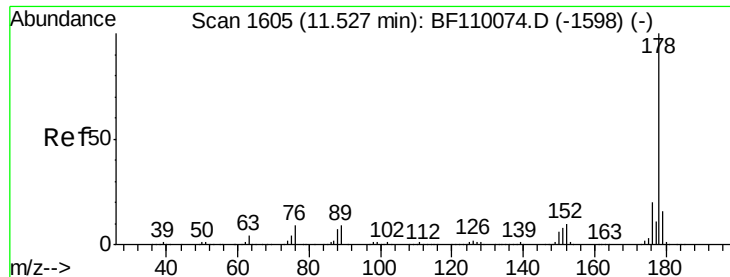
Abundance

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

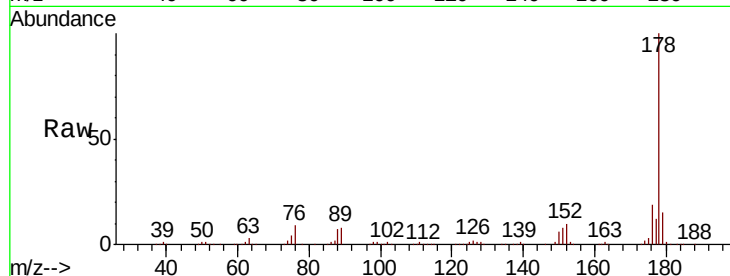




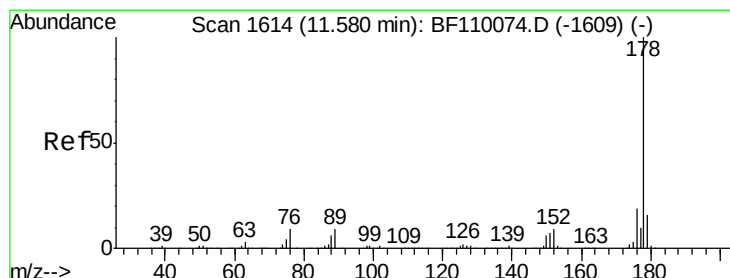
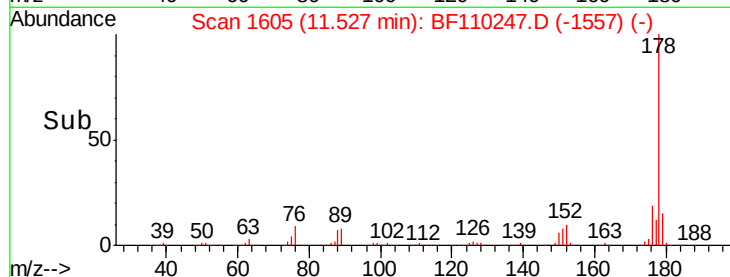
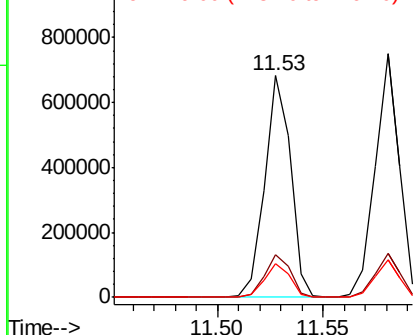
#71
Phenanthrene
Concen: 40.646 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 582650
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.5 18.7

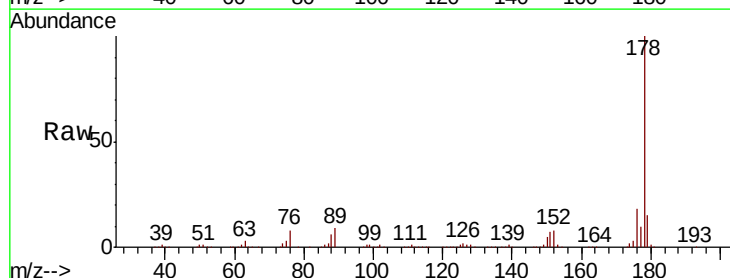


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

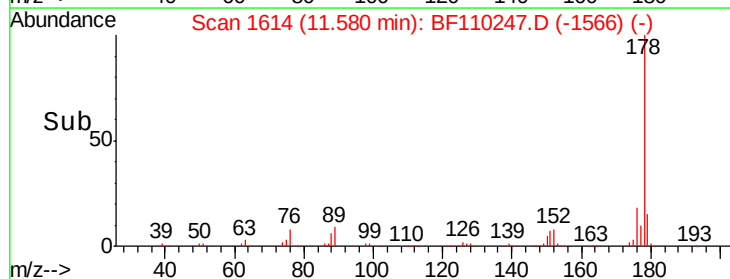
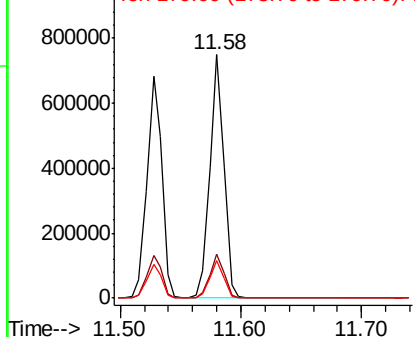


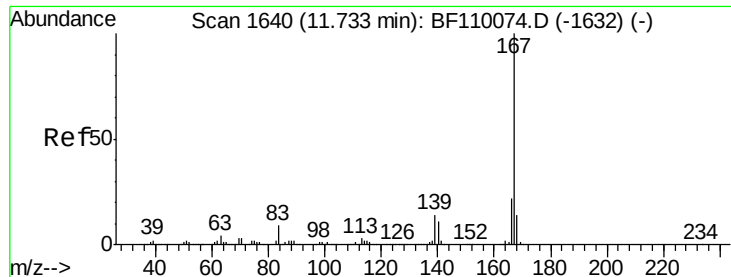
#72
Anthracene
Concen: 41.946 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:178 Resp: 602691
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.3 12.6 18.8



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

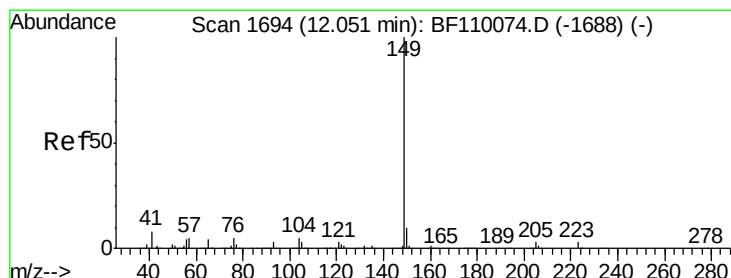
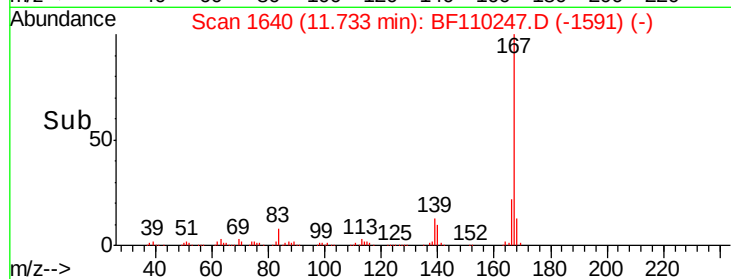
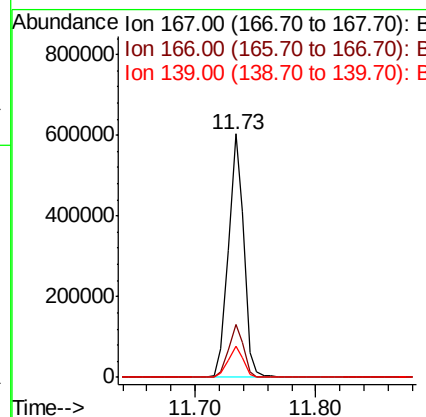
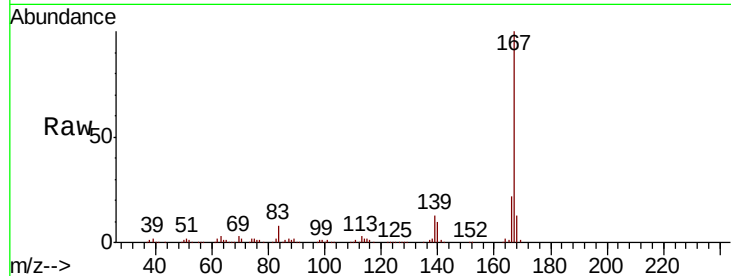




#73
 Carbazole
 Concen: 37.609 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

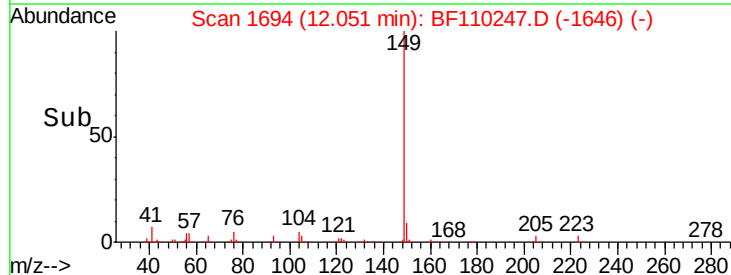
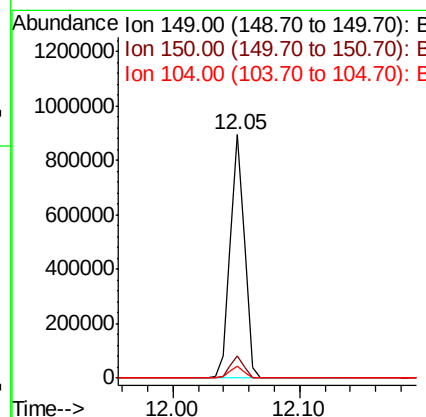
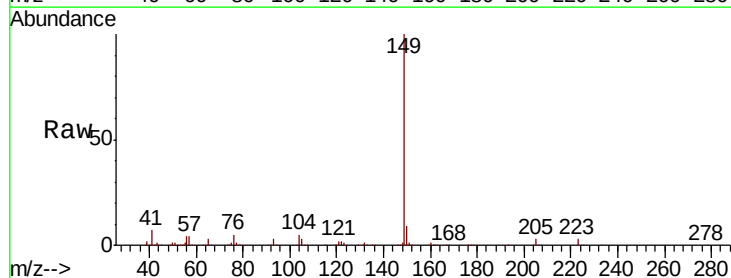
Instrument :
 BNA_F
 ClientSampleId :

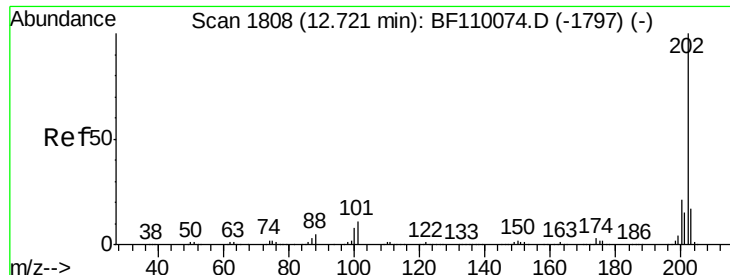
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.0	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 44.325 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110247.D
 Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.8	4.2	6.4

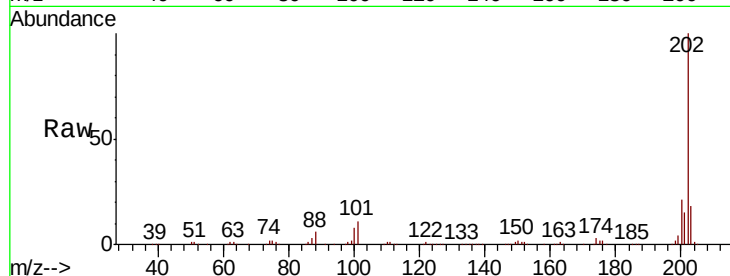




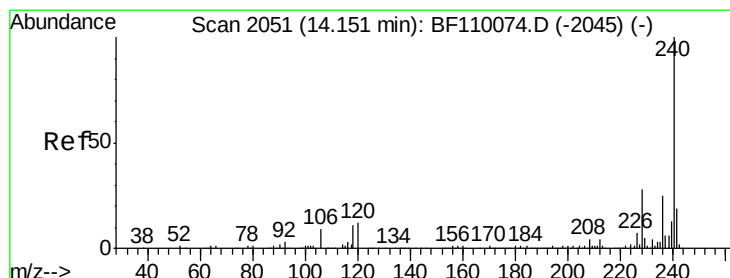
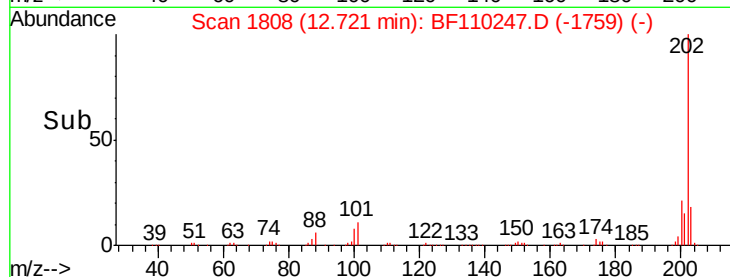
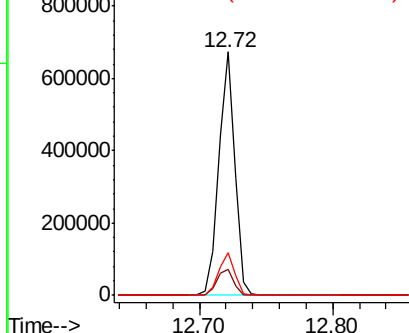
#75
Fluoranthene
Concen: 39.365 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.6	0.0	37.7

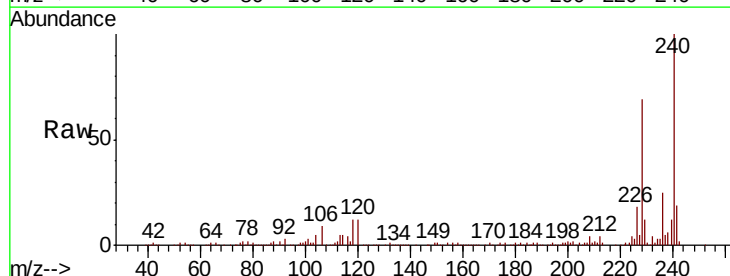


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

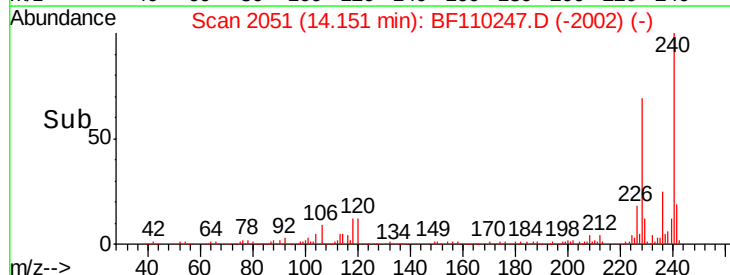
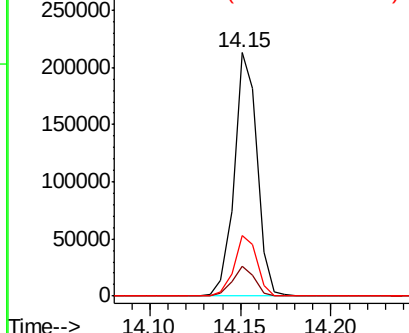


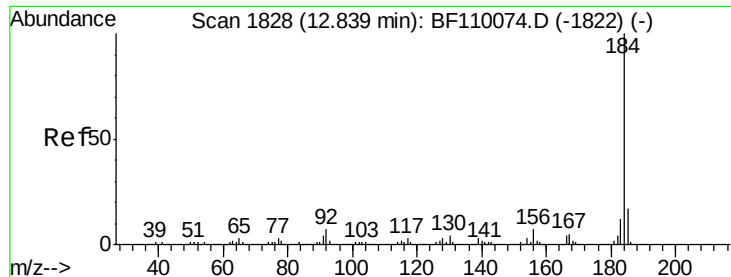
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5
236	24.7	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.149 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

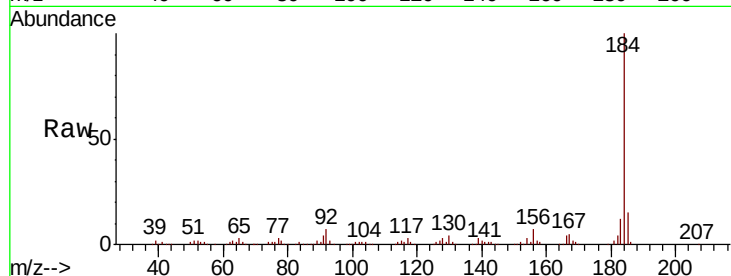
Tot Ion:184 Resp: 247592

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

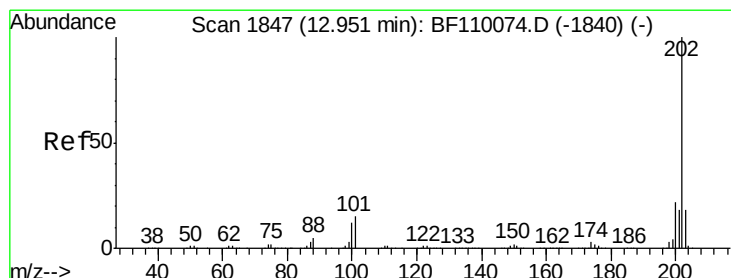
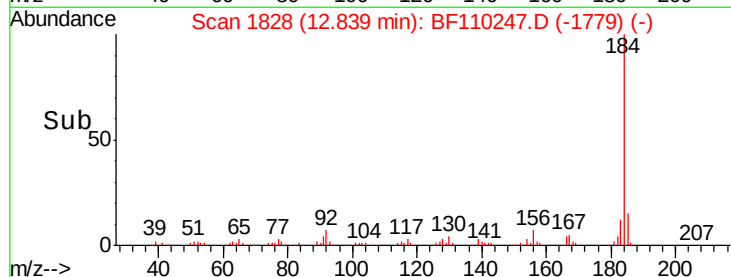
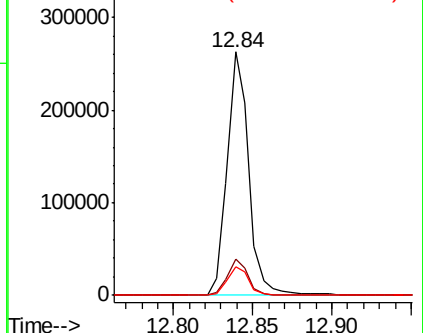
183 11.7 9.4 14.2



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: 42.635 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

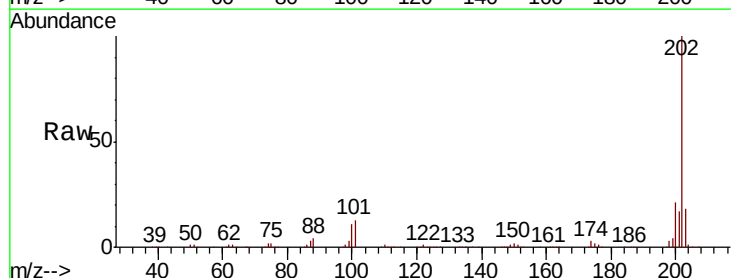
Tgt Ion:202 Resp: 568919

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

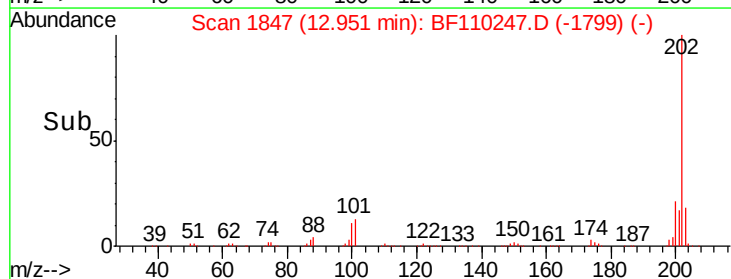
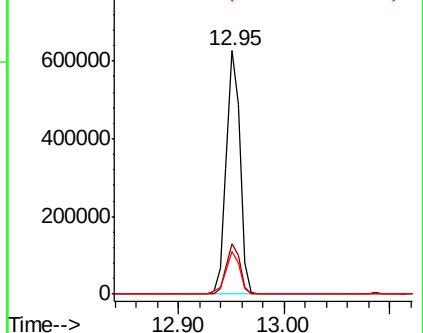
203 17.7 14.2 21.4

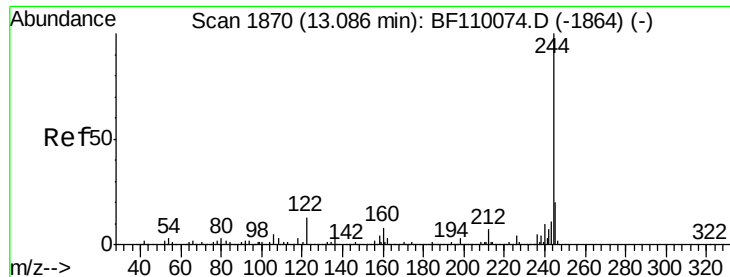


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.287 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampled :

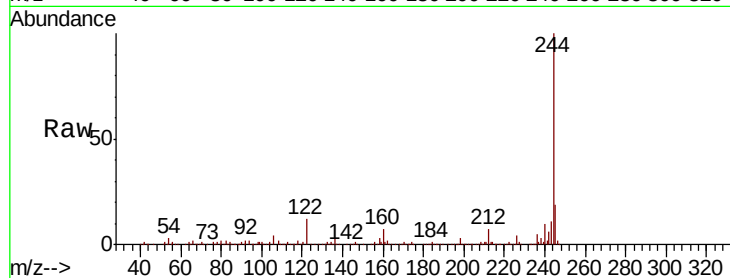
Tot Ion:244 Resp: 718559

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

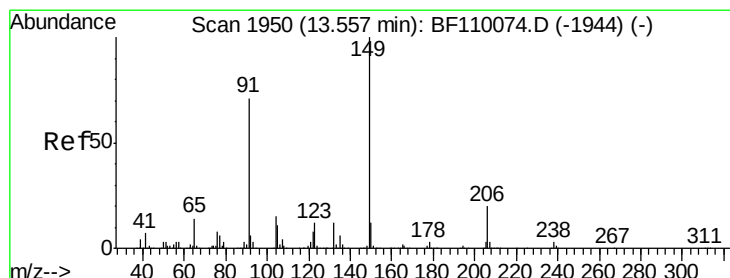
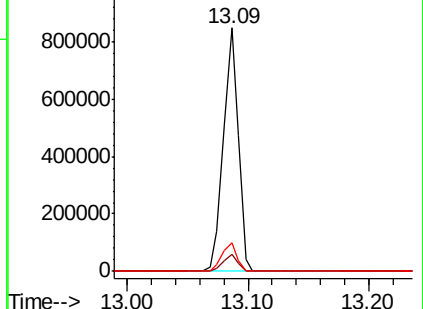
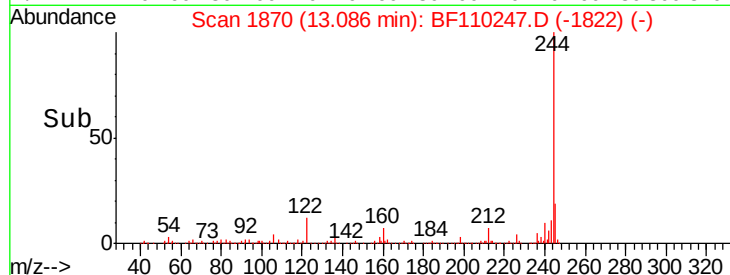
122 11.9 8.7 13.1



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: 45.842 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

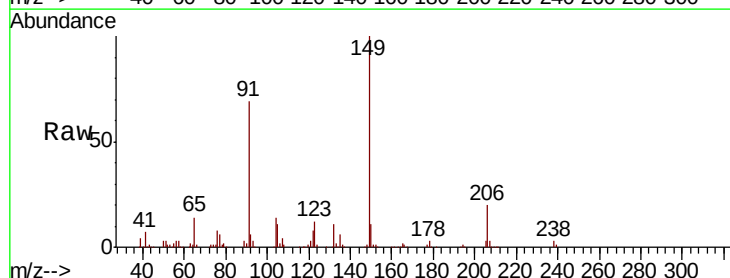
Tgt Ion:149 Resp: 265509

Ion Ratio Lower Upper

149 100

91 69.2 57.2 85.8

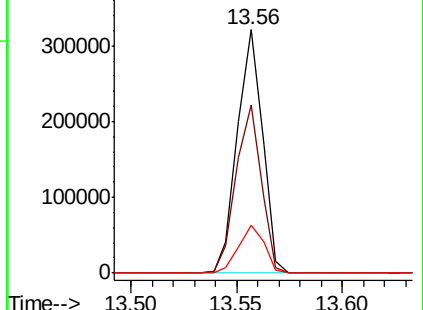
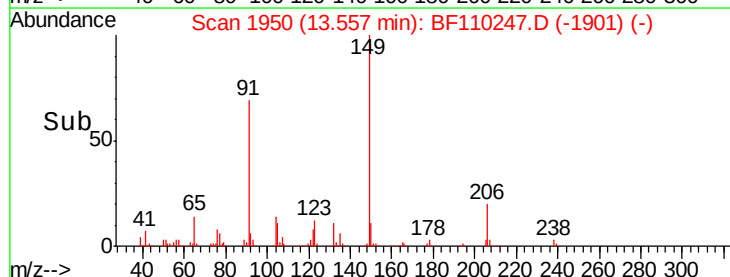
206 19.6 15.7 23.5

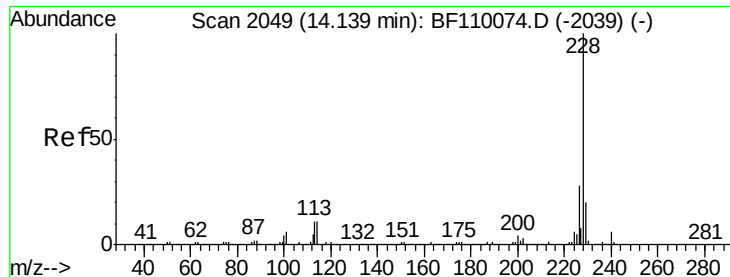


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.666 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

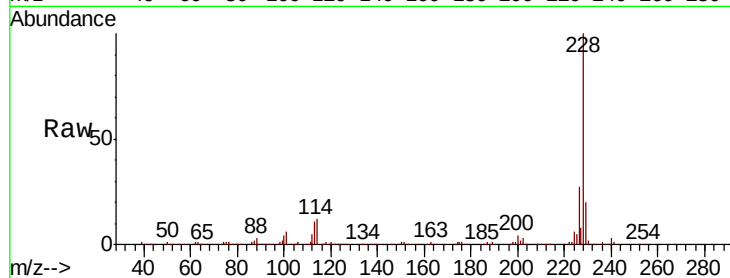
Tot Ion:228 Resp: 459905

Ion Ratio Lower Upper

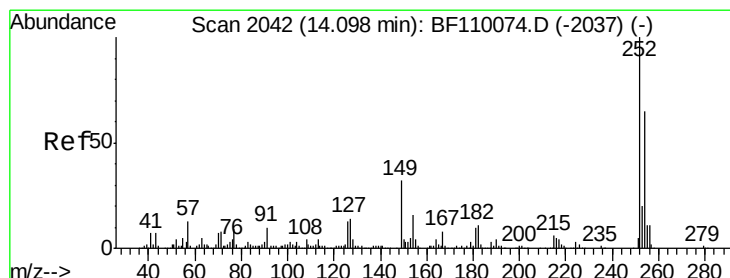
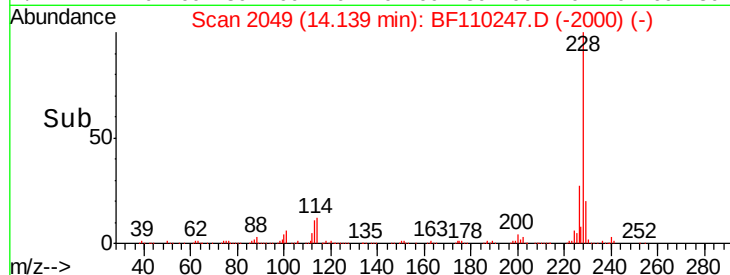
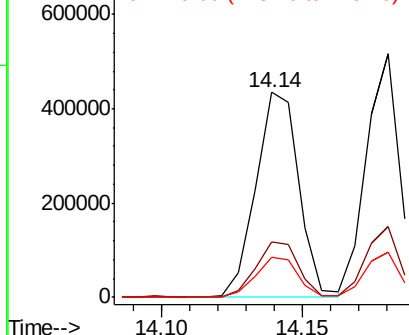
228 100

226 27.0 22.1 33.1

229 19.7 15.6 23.4



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: 39.741 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

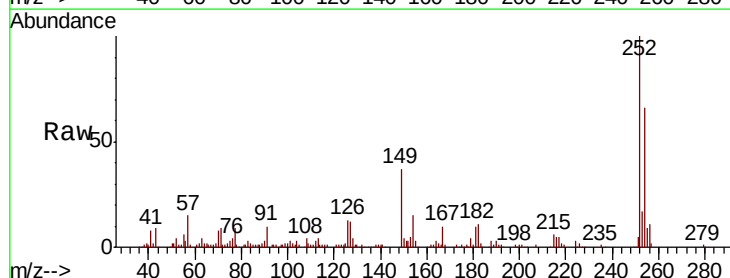
Tgt Ion:252 Resp: 152748

Ion Ratio Lower Upper

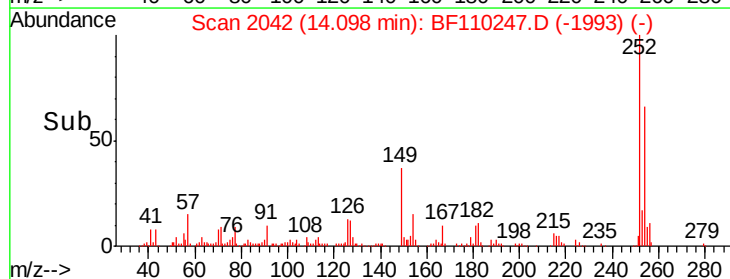
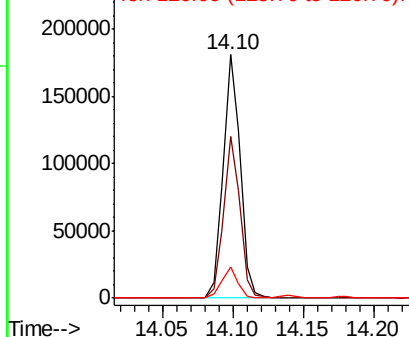
252 100

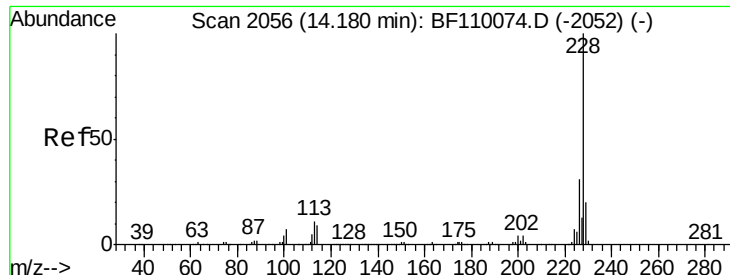
254 66.3 51.3 76.9

126 12.9 9.4 14.2



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: 40.349 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

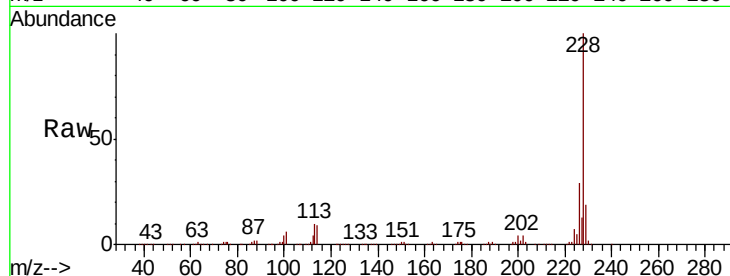
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 423017

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	18.5	15.9	23.9

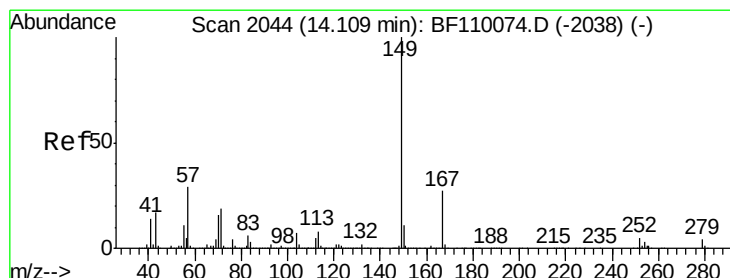
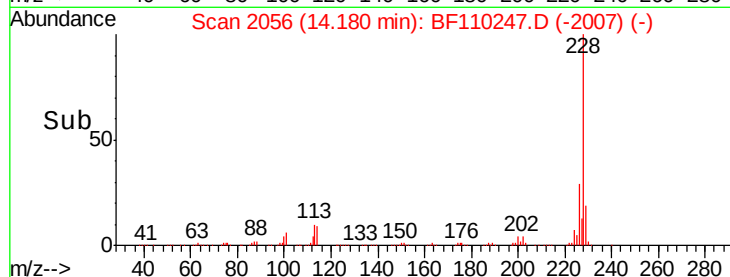
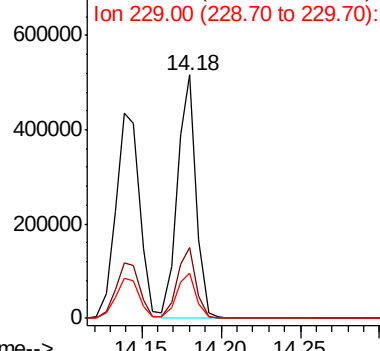


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.011 ng

RT: 14.11 min Scan# 2044

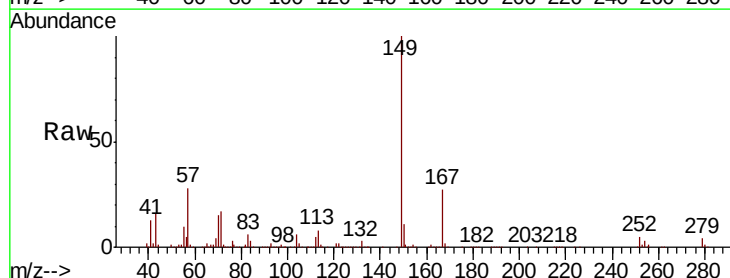
Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Tgt Ion:149 Resp: 368070

Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.9	2.7	4.1

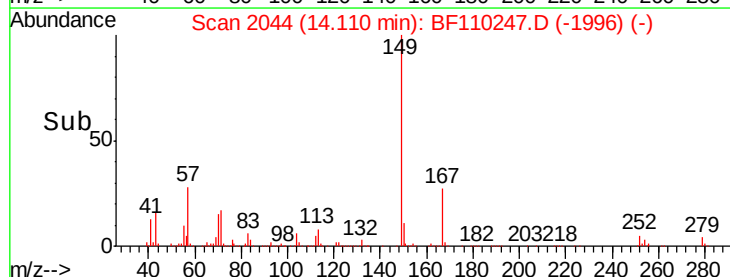
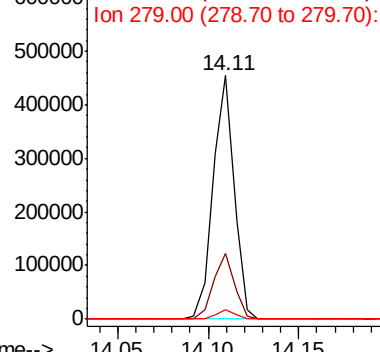


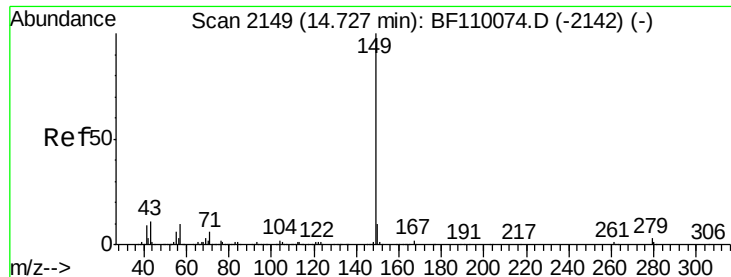
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.370 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

Instrument :

BNA_F

ClientSampleId :

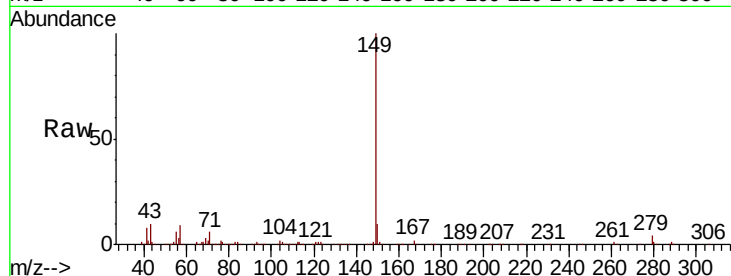
Tot Ion:149 Resp: 576690

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

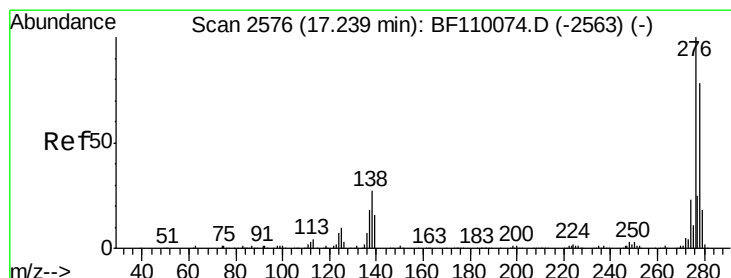
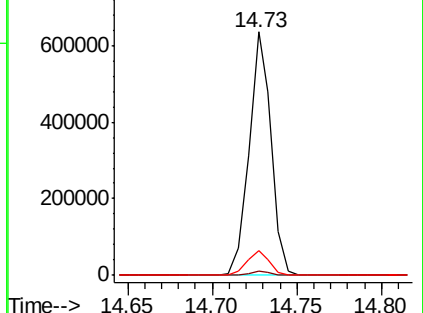
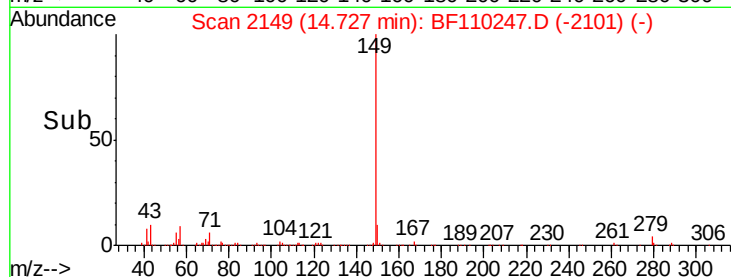
43 9.9 7.8 11.8



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: 34.135 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF110247.D

Acq: 27 Oct 2018 8:16

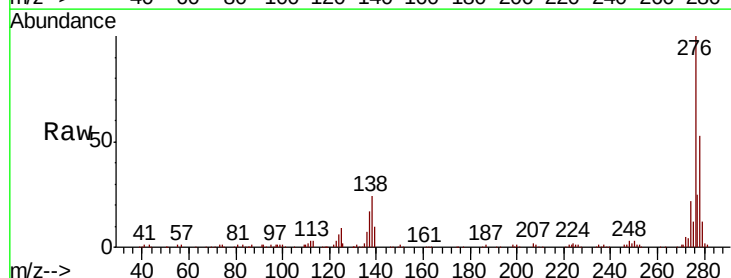
Tgt Ion:276 Resp: 296890

Ion Ratio Lower Upper

276 100

138 26.2 18.5 27.7

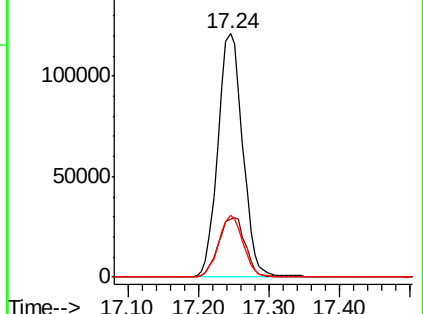
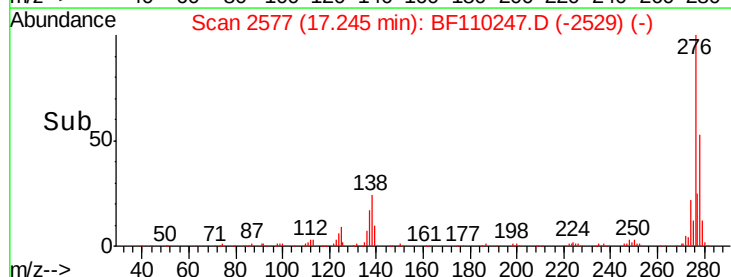
277 24.8 20.0 30.0

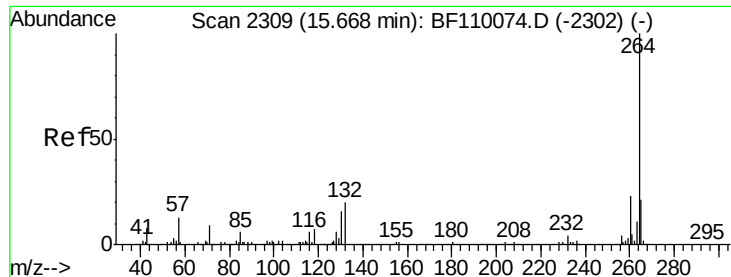


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

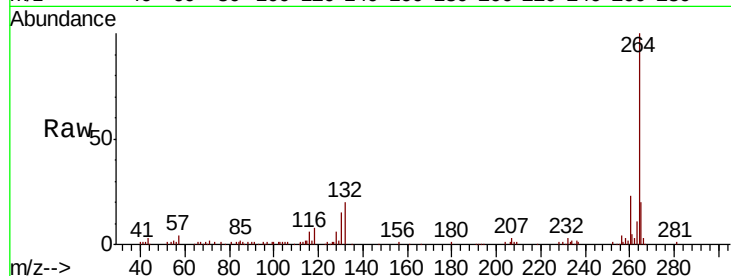




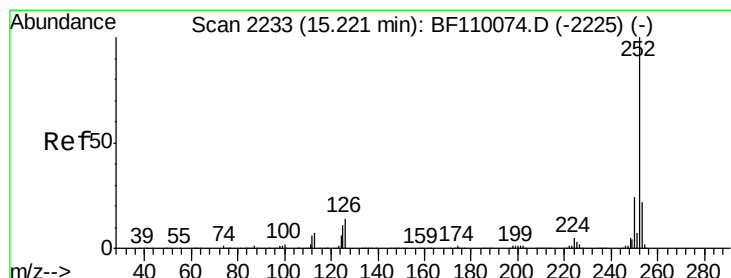
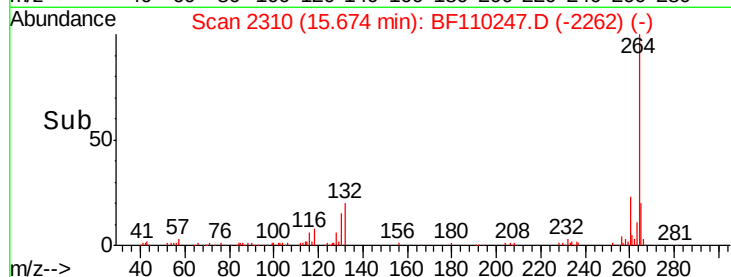
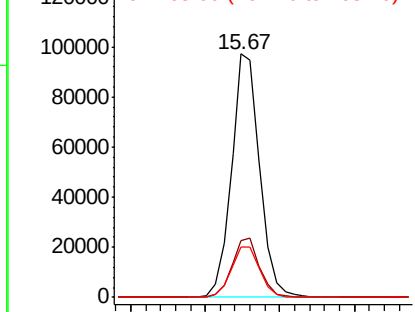
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 128090
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 20.5 16.7 25.1

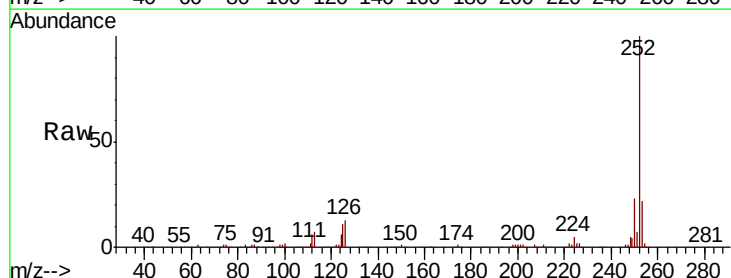


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

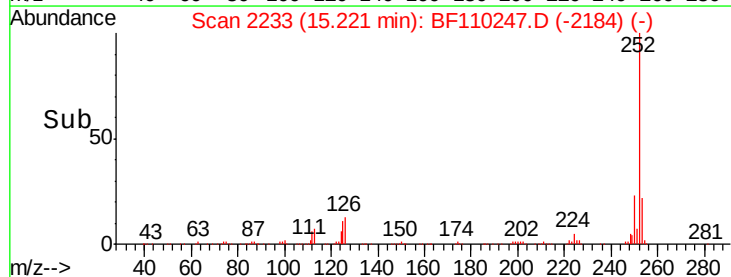
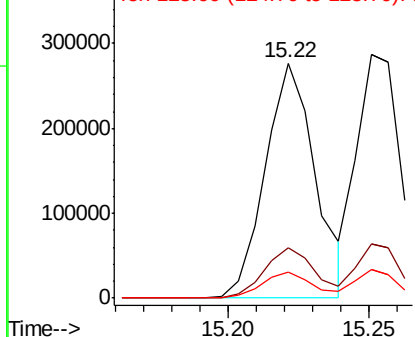


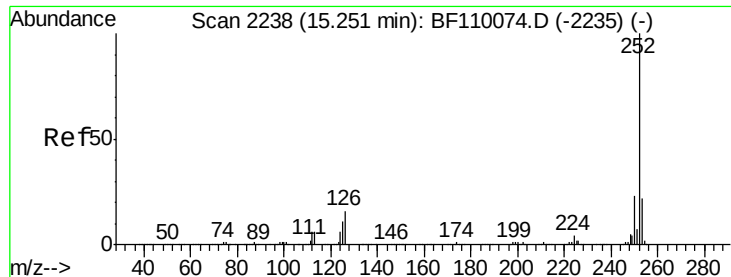
#88
Benzo(b)fluoranthene
Concen: 46.126 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:252 Resp: 341180
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.0 8.2 12.4



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

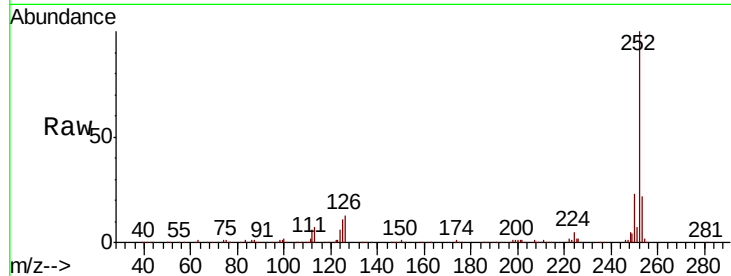




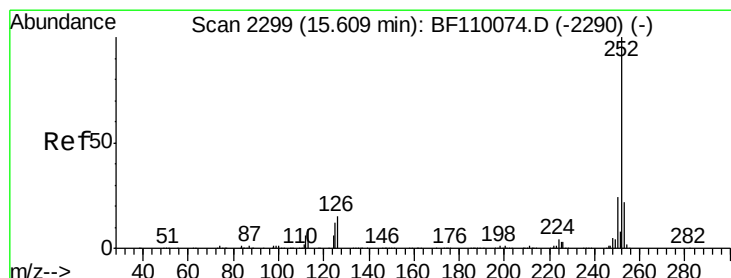
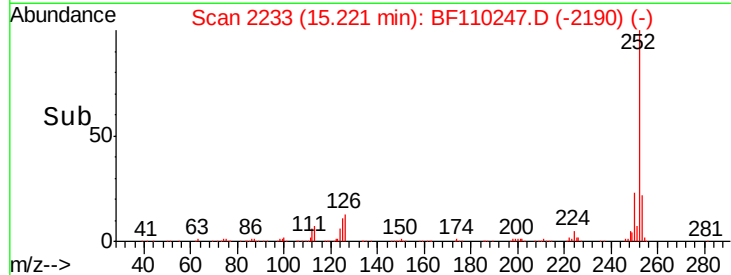
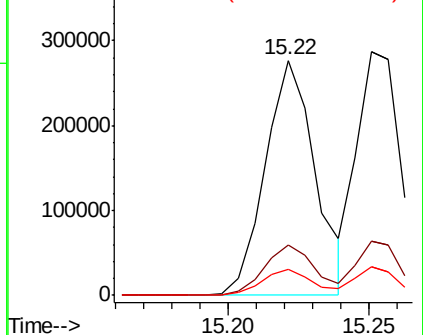
#89
Benzo(k)fluoranthene
Concen: 46.919 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 341180
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.0 7.4 11.0

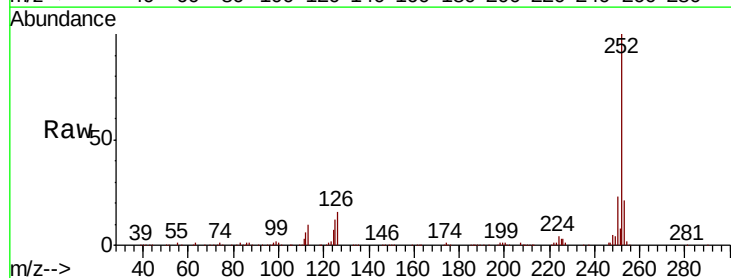


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

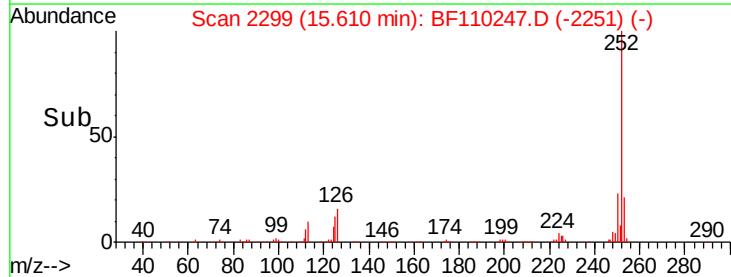
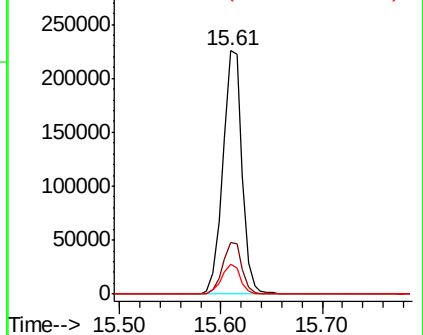


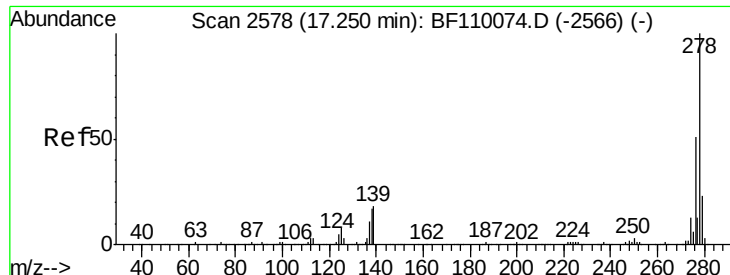
#90
Benzo(a)pyrene
Concen: 43.535 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion:252 Resp: 296311
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 12.3 9.0 13.6



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

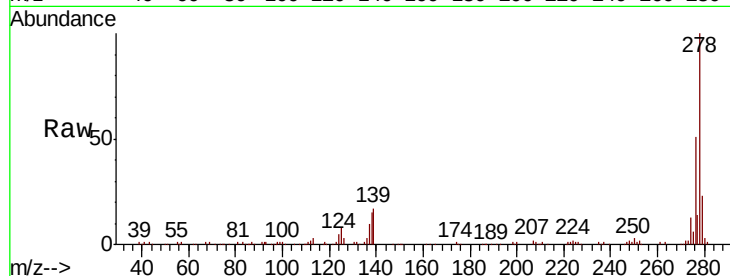




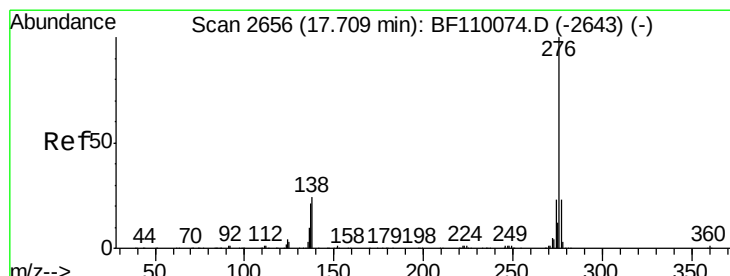
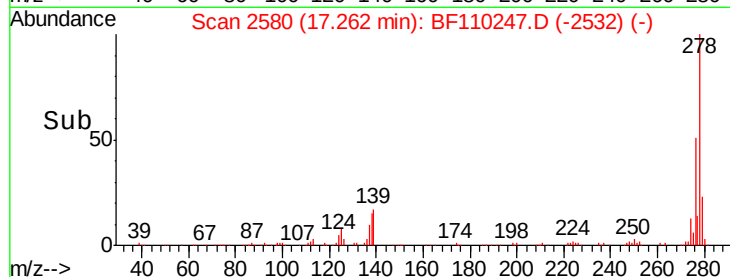
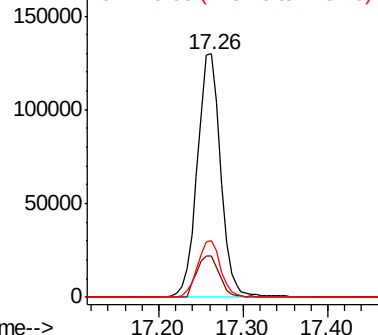
#91
Dibenzo(a,h)anthracene
Concen: 42.346 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.7	19.1
279	23.1	19.0	28.4

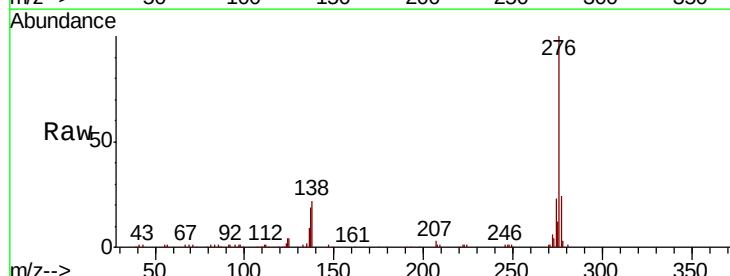


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.813 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110247.D
Acq: 27 Oct 2018 8:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.2	16.0	24.0



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

