

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108734.D
 Acq On : 4 Sep 2018 12:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 12:53:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	95555	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	411836	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	211953	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	441195	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	334112	20.00	ng	-0.01
86) Perylene-d12	15.74	264	252592	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	342462	62.26	ng	-0.02
7) Phenol-d6	6.62	99	591569	75.09	ng	-0.02
23) Nitrobenzene-d5	7.56	82	674826	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	206762	73.90	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1345406	85.35	ng	-0.01
78) Terphenyl-d14	13.11	244	1461667	85.00	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.87	88	90185	35.280	ng	94
3) Pyridine	3.67	79	182335	30.872	ng	# 83
4) n-Nitrosodimethylamine	3.65	42	55353	18.788	ng	83
6) Aniline	6.68	93	295849	34.801	ng	# 87
8) 2-Chlorophenol	6.78	128	274780	40.857	ng	96
9) Benzaldehyde	6.57	77	64170	13.179	ng	98
10) Phenol	6.64	94	351147	38.223	ng	86
11) bis(2-Chloroethyl)ether	6.72	93	344153	42.543	ng	98
12) 1,3-Dichlorobenzene	6.94	146	291803	37.421	ng	99
13) 1,4-Dichlorobenzene	7.01	146	349144	41.018	ng	97
14) 1,2-Dichlorobenzene	7.16	146	339470	43.424	ng	99
15) Benzyl Alcohol	7.15	79	60007	10.589	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.25	45	497085	40.054	ng	73
17) 2-Methylphenol	7.25	107	193554	37.015	ng	# 63
18) Hexachloroethane	7.50	117	119216	40.725	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	203609	38.593	ng	90
20) 3+4-Methylphenols	7.40	107	201555	30.764	ng	# 41
22) Acetophenone	7.41	105	392650	38.192	ng	# 89
24) Nitrobenzene	7.58	77	329911	40.101	ng	91
25) Isophorone	7.81	82	509171	37.778	ng	96
26) 2-Nitrophenol	7.90	139	139251	37.390	ng	# 86
27) 2,4-Dimethylphenol	7.92	122	195502	36.094	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	307438	36.109	ng	99
29) 2,4-Dichlorophenol	8.14	162	239274	37.236	ng	97
30) 1,2,4-Trichlorobenzene	8.21	180	281493	39.174	ng	97
31) Naphthalene	8.30	128	817044	41.652	ng	99
32) Benzoic acid	8.06	122	49330	14.202	ng	90
33) 4-Chloroaniline	8.36	127	294678	34.030	ng	99
34) Hexachlorobutadiene	8.40	225	183589	38.912	ng	99
35) Caprolactam	8.72	113	56155	32.796	ng	# 72
36) 4-Chloro-3-methylphenol	8.83	107	250493	36.320	ng	99
37) 2-Methylnaphthalene	8.99	142	498772	37.581	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	300137	39.887	ng	# 97
40) Hexachlorocyclopentadiene	9.13	237	100790	36.114	ng	96

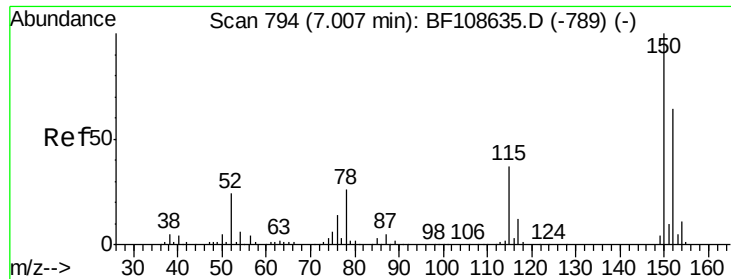
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108734.D
 Acq On : 4 Sep 2018 12:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 12:53:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	148525	33.332	nq	96
43) 2,4,5-Trichlorophenol	9.32	196	215880	41.546	nq	96
45) 1,1'-Biphenyl	9.45	154	730098	39.568	nq	97
46) 2-Chloronaphthalene	9.48	162	575434	39.835	nq	98
47) 2-Nitroaniline	9.59	65	177853	36.812	nq	87
48) Acenaphthylene	9.90	152	824537	38.988	nq	100
49) Dimethylphthalate	9.75	163	624135	37.395	nq	# 99
50) 2,6-Dinitrotoluene	9.82	165	137794	37.454	nq	# 84
51) Acenaphthene	10.07	154	469724	37.147	nq	98
52) 3-Nitroaniline	10.01	138	156459	39.312	nq	98
53) 2,4-Dinitrophenol	10.12	184	53644	42.882	nq	# 50
54) Dibenzofuran	10.24	168	758848	38.352	nq	95
55) 4-Nitrophenol	10.20	139	78502	33.838	nq	# 81
56) 2,4-Dinitrotoluene	10.23	165	183695	37.710	nq	# 90
57) Fluorene	10.59	166	582237	37.971	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	186166	39.993	nq	# 84
59) Diethylphthalate	10.44	149	618011	36.753	nq	97
60) 4-Chlorophenyl-phenylether	10.57	204	338604	38.915	nq	93
61) 4-Nitroaniline	10.64	138	143468	37.253	nq	90
62) Azobenzene	10.74	77	646550	38.684	nq	92
64) 4,6-Dinitro-2-methylphenol	10.64	198	67055	34.253	nq	86
65) n-Nitrosodiphenylamine	10.70	169	568749	38.801	nq	97
66) 4-Bromophenyl-phenylether	11.07	248	216683	39.961	nq	# 88
67) Hexachlorobenzene	11.14	284	227782	38.991	nq	# 85
68) Atrazine	11.21	200	146745	32.445	nq	94
69) Pentachlorophenol	11.34	266	103853	33.456	nq	98
70) Phenanthrene	11.56	178	845500	37.967	nq	98
71) Anthracene	11.61	178	962788	41.146	nq	99
72) Carbazole	11.77	167	894627	39.541	nq	99
73) Di-n-butylphthalate	12.07	149	979281	37.620	nq	99
74) Fluoranthene	12.75	202	969472	38.676	nq	94
76) Benzidine	12.88	184	419141	44.567	nq	100
77) Pyrene	12.98	202	966820	38.494	nq	99
79) Butylbenzylphthalate	13.58	149	400318	37.905	nq	98
80) Benzo(a)anthracene	14.18	228	743461	36.501	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	299066	40.487	nq	# 96
82) Chrysene	14.21	228	790579	40.361	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	513579	37.833	nq	99
84) Di-n-octyl phthalate	14.75	149	762638	38.211	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	526025	38.622	nq	# 89
87) Benzo(b)fluoranthene	15.28	252	539297	34.756	nq	# 96
88) Benzo(k)fluoranthene	15.31	252	665391	43.289	nq	# 95
90) Dibenzo(a,h)anthracene	17.37	278	449351	40.123	nq	# 92
91) Benzo(g,h,i)perylene	17.85	276	425825	39.121	nq	# 89

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

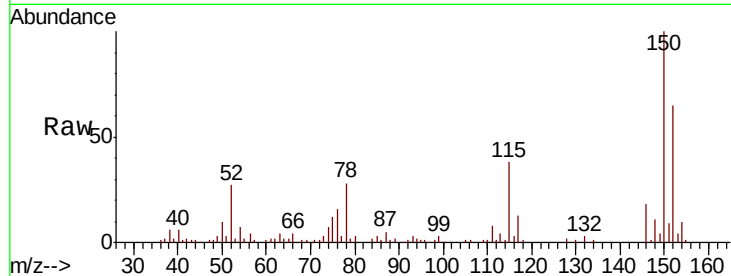


#1

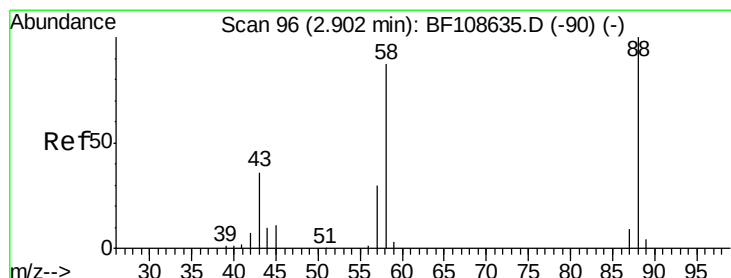
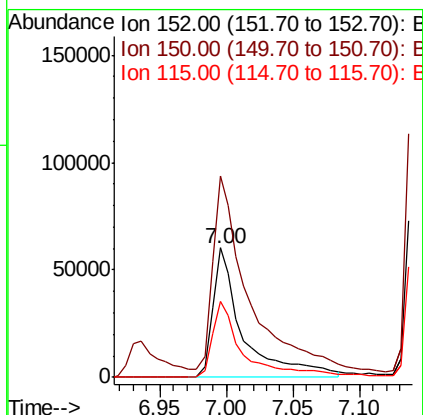
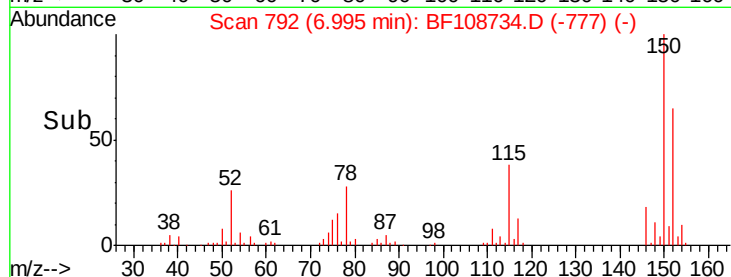
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95555
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 58.9 50.1 75.1



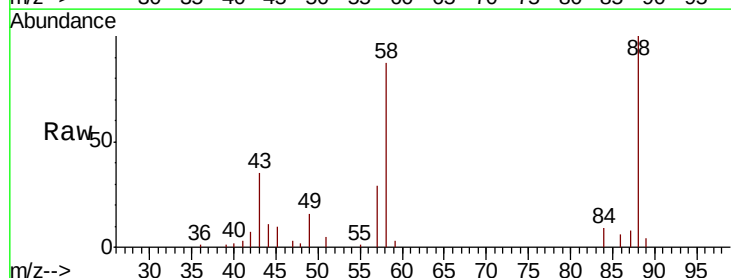
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



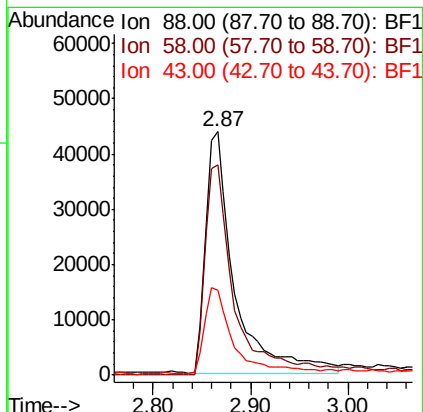
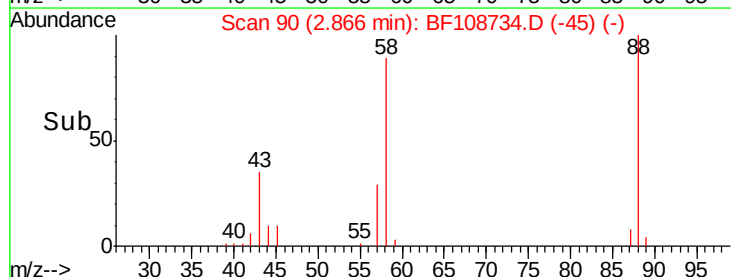
#2

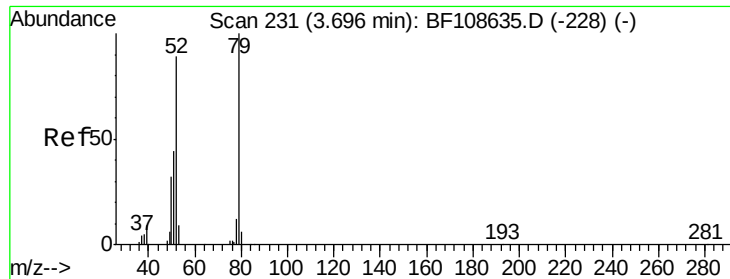
1,4-Dioxane
Concen: 35.280 ng
RT: 2.87 min Scan# 90
Delta R.T. -0.04 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion: 88 Resp: 90185
Ion Ratio Lower Upper
88 100
58 83.7 62.6 93.8
43 34.5 24.6 37.0



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: 30.872 ng

RT: 3.67 min Scan# 227

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

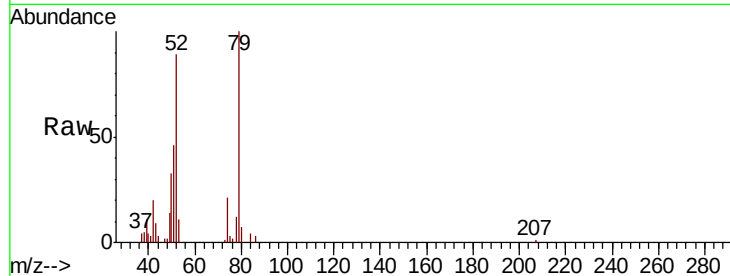
Tot Ion: 79 Resp: 182335

Ion Ratio Lower Upper

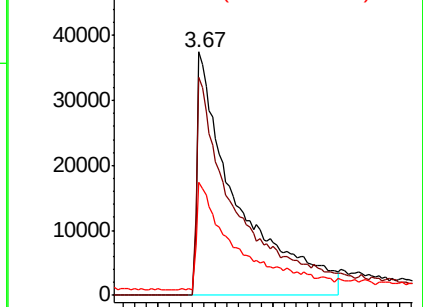
79 100

52 89.5 59.8 89.6

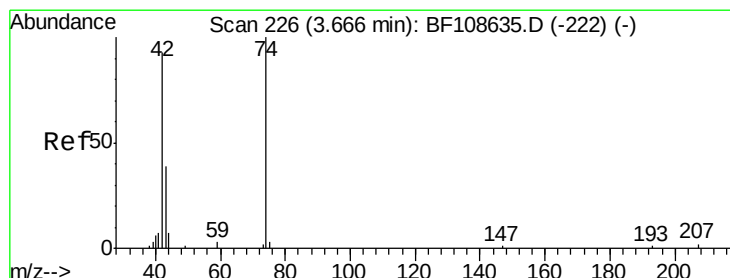
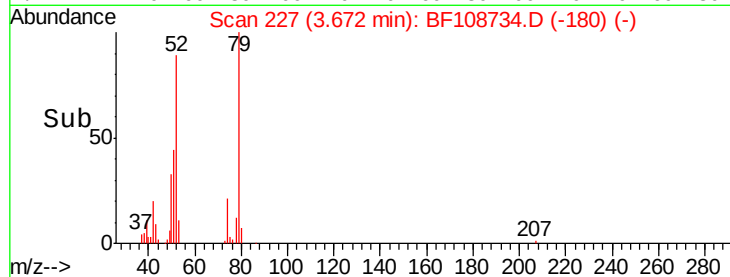
51 46.2 29.8 44.8#



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



Time-->



#4

n-Nitrosodimethylamine

Concen: 18.788 ng

RT: 3.65 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

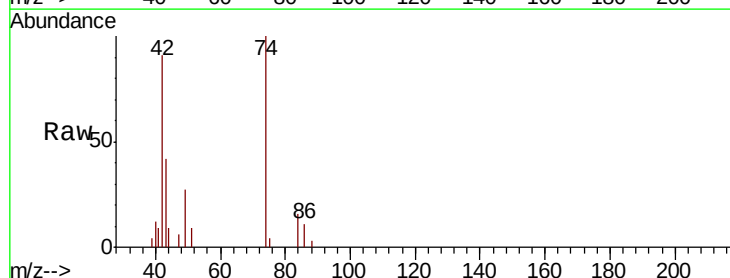
Tgt Ion: 42 Resp: 55353

Ion Ratio Lower Upper

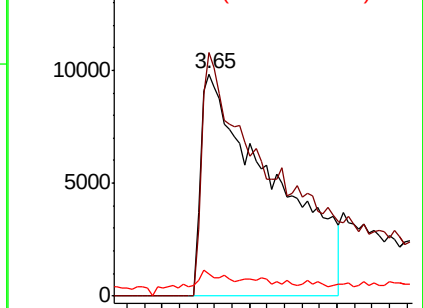
42 100

74 109.6 104.9 157.3

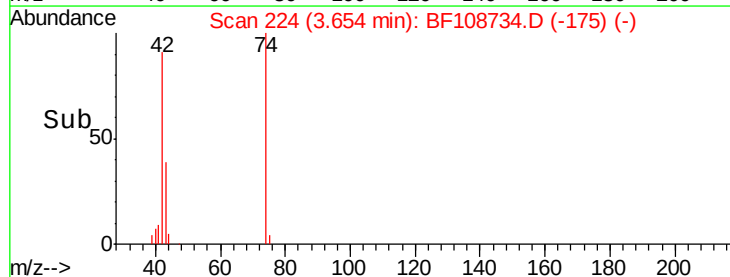
44 10.0 6.9 10.3

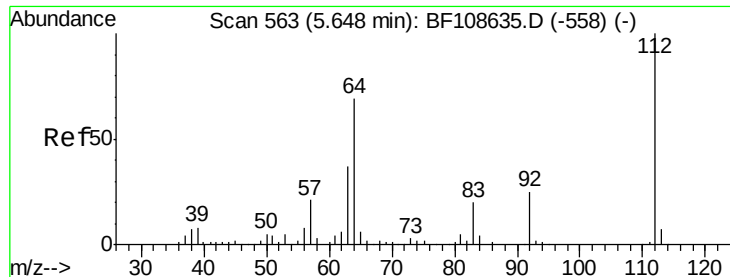


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



Time-->





#5

2-Fluorophenol

Concen: 62.260 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampled :

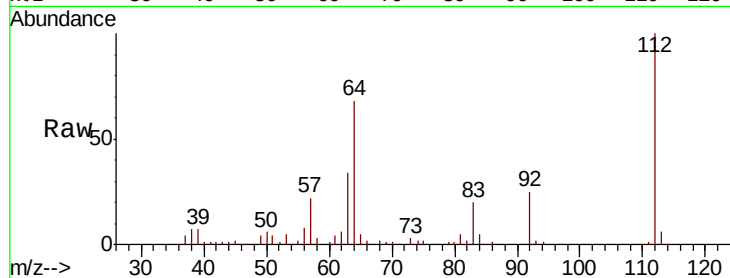
Tot Ion: 112 Resp: 342462

Ion Ratio Lower Upper

112 100

64 68.2 47.9 71.9

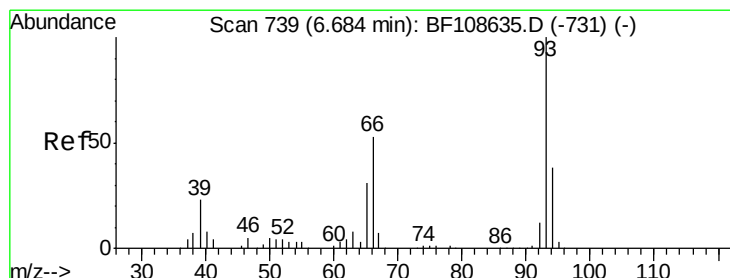
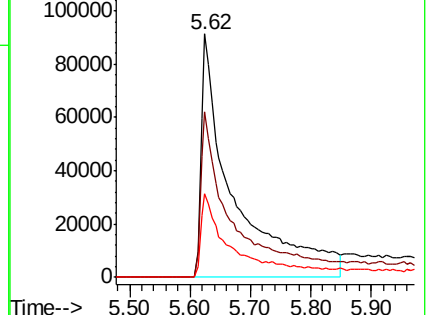
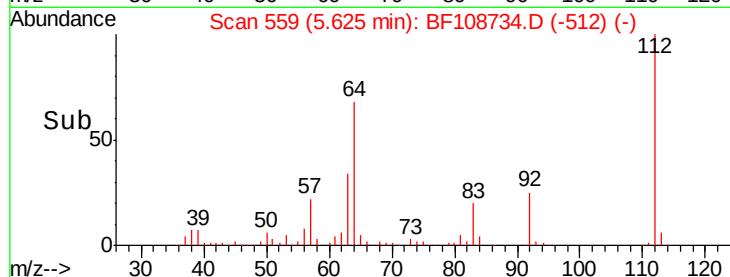
63 34.3 23.7 35.5



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: 34.801 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

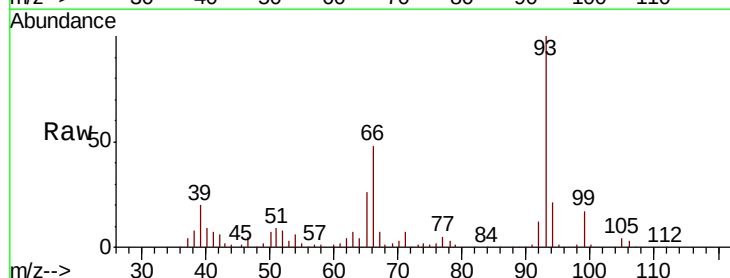
Tgt Ion: 93 Resp: 295849

Ion Ratio Lower Upper

93 100

66 48.3 32.2 48.2#

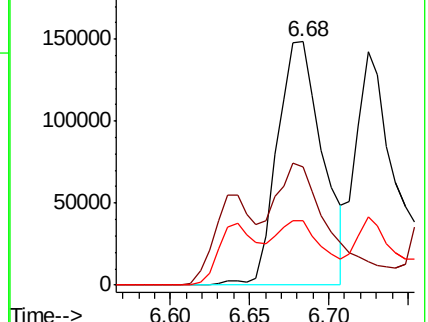
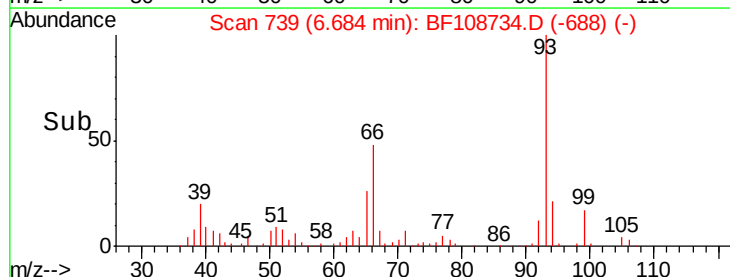
65 26.4 16.4 24.6#

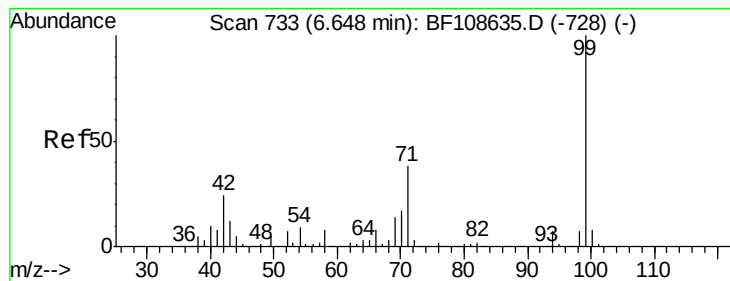


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.090 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampled :

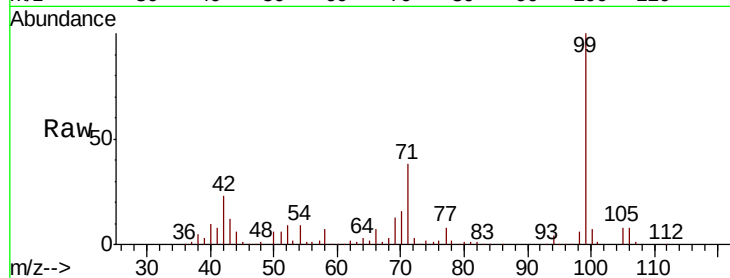
Tot Ion: 99 Resp: 591569

Ion Ratio Lower Upper

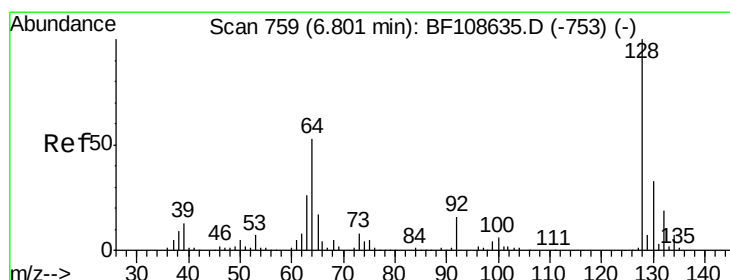
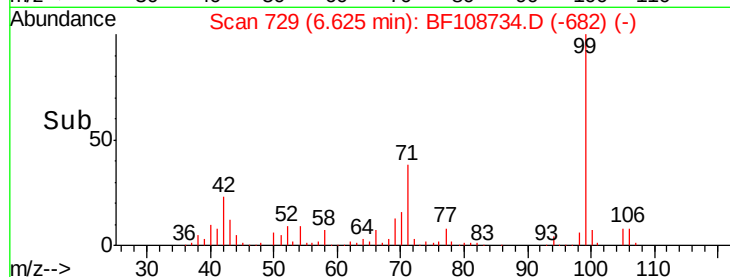
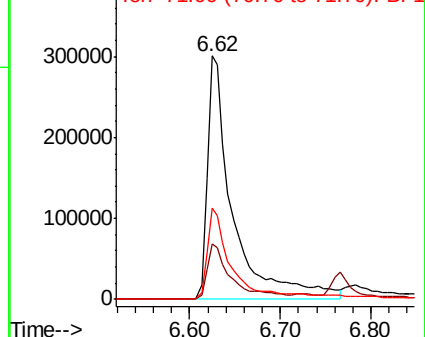
99 100

42 23.0 14.5 21.7#

71 37.8 25.4 38.0



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: 40.857 ng

RT: 6.78 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

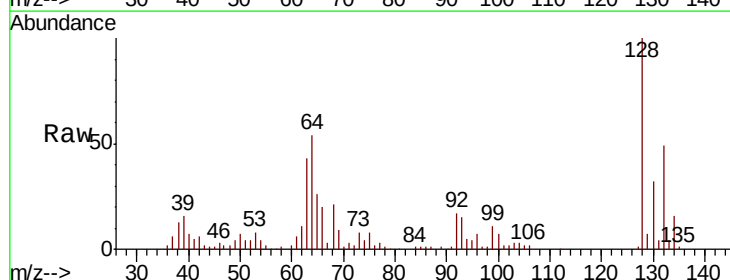
Tgt Ion: 128 Resp: 274780

Ion Ratio Lower Upper

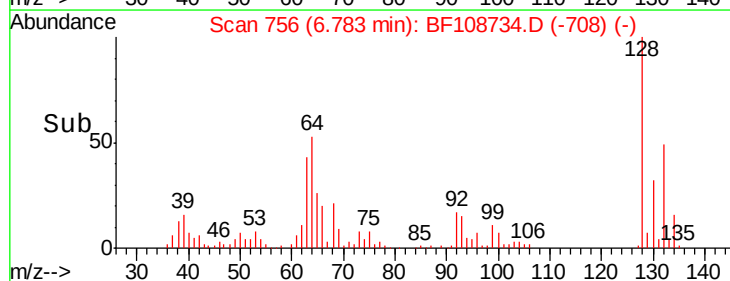
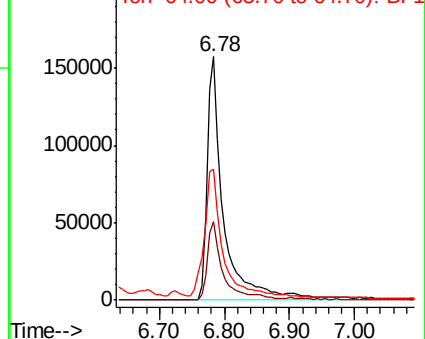
128 100

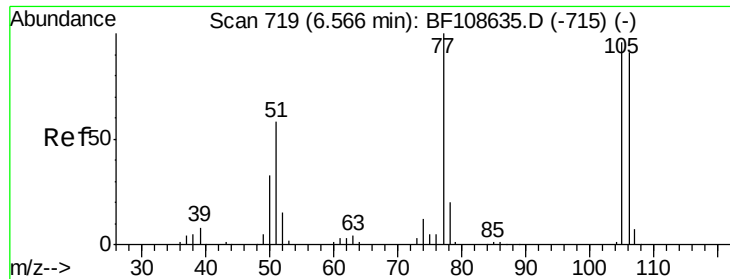
130 32.4 13.0 53.0

64 53.8 29.4 69.4



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: 13.179 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

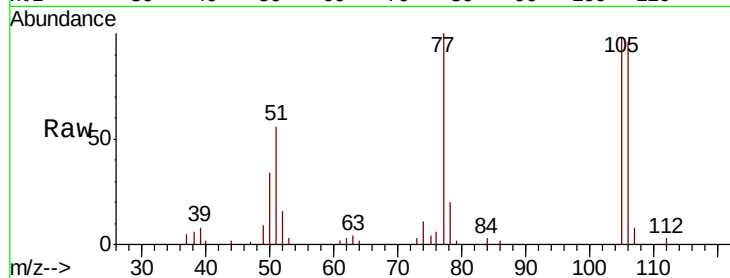
Tot Ion: 77 Resp: 64170

Ion Ratio Lower Upper

77 100

105 98.1 81.1 121.1

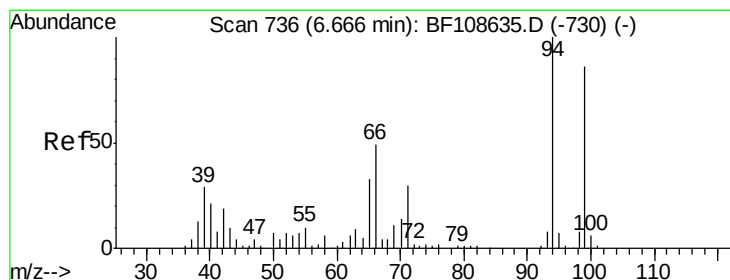
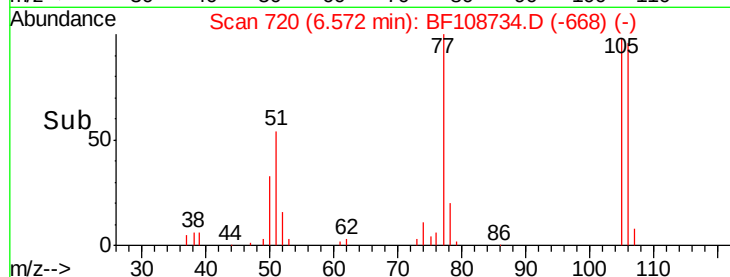
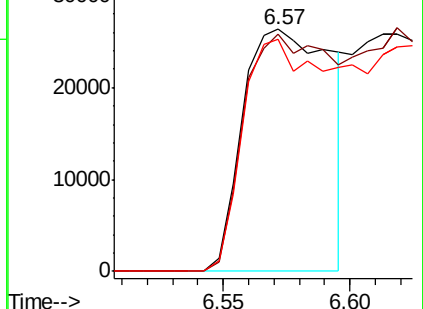
106 96.2 74.5 114.5



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: 38.223 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

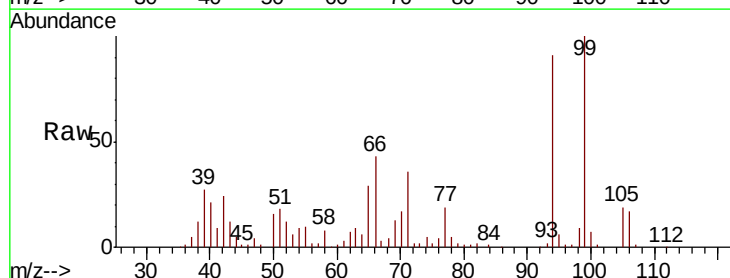
Tgt Ion: 94 Resp: 351147

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

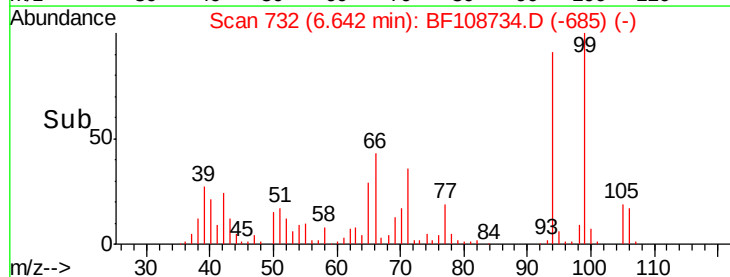
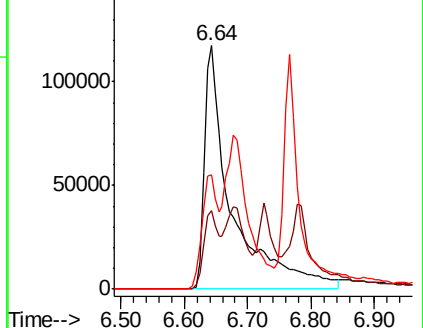
66 46.9 16.2 56.2

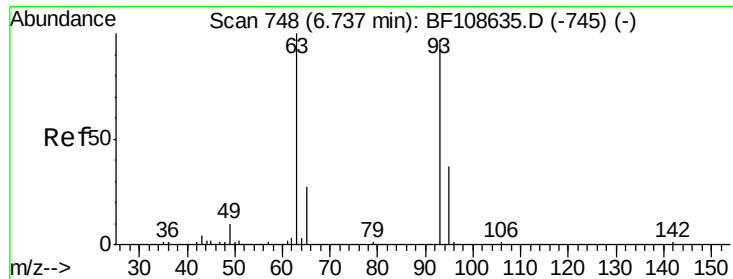


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

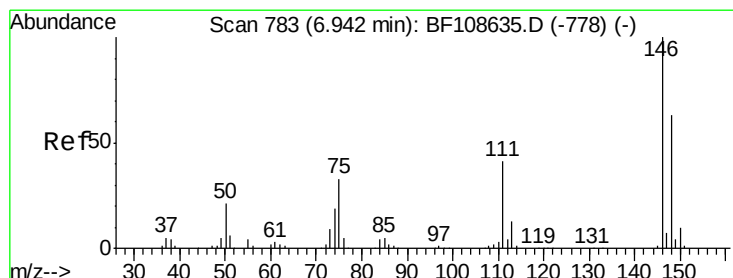
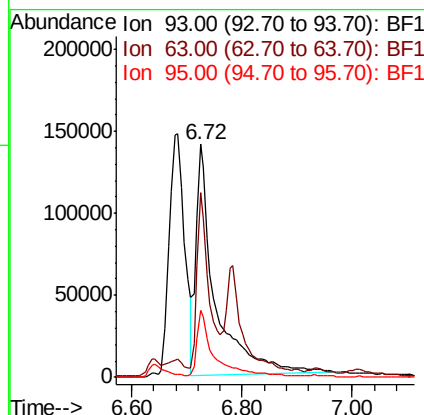
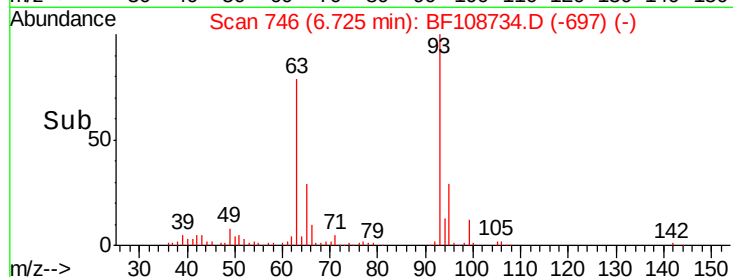
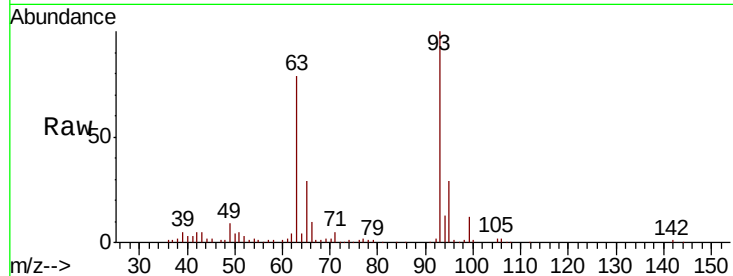




#11
 bis(2-Chloroethyl)ether
 Concen: 42.543 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

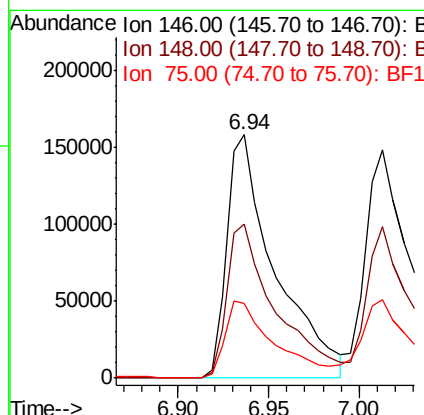
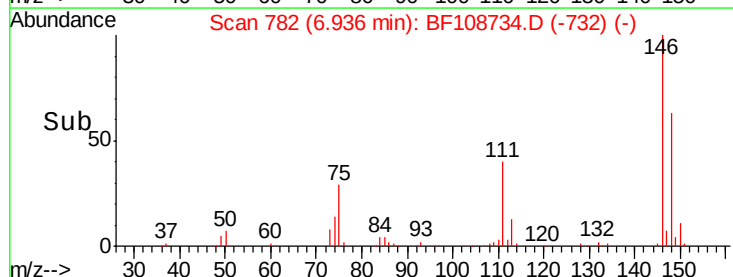
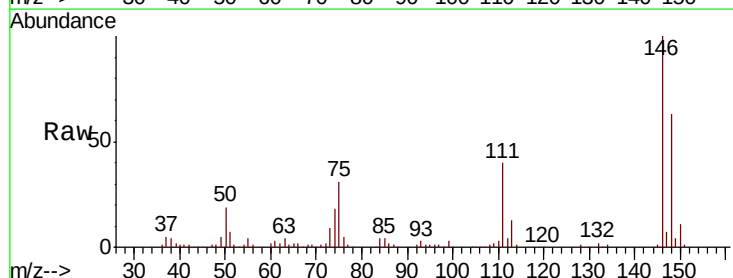
Instrument :
 BNA_F
 ClientSampleId :

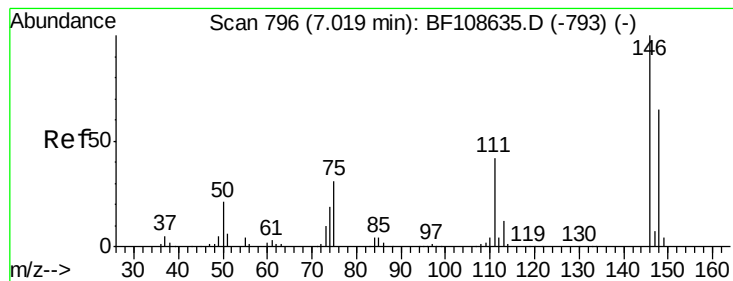
Tot Ion: 93 Resp: 344153
 Ion Ratio Lower Upper
 93 100
 63 79.4 58.6 98.6
 95 28.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.421 ng
 RT: 6.94 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion: 146 Resp: 291803
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 30.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.018 ng

RT: 7.01 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampled :

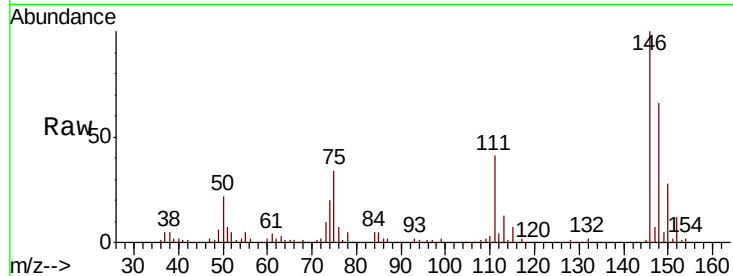
Tot Ion:146 Resp: 349144

Ion Ratio Lower Upper

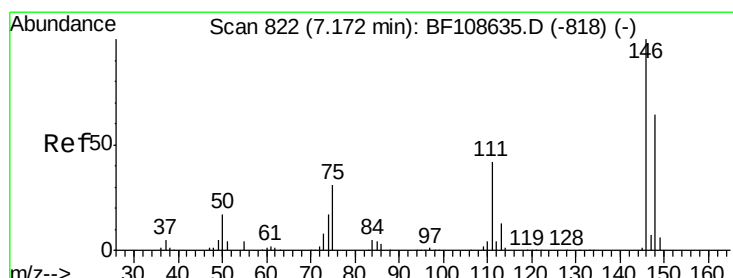
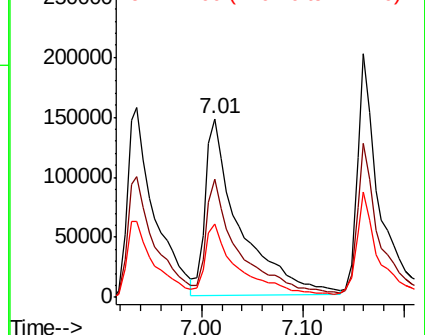
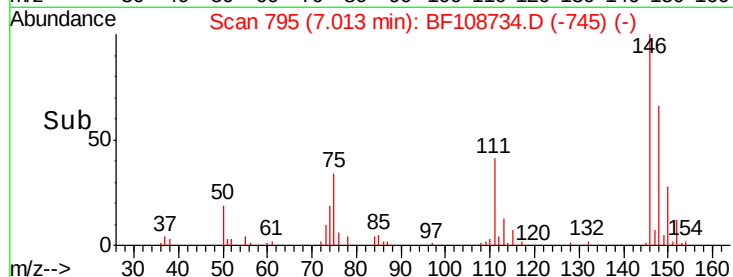
146 100

148 66.1 50.8 76.2

111 41.4 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 43.424 ng

RT: 7.16 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

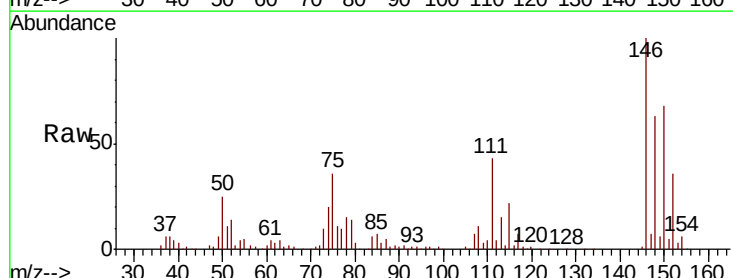
Tgt Ion:146 Resp: 339470

Ion Ratio Lower Upper

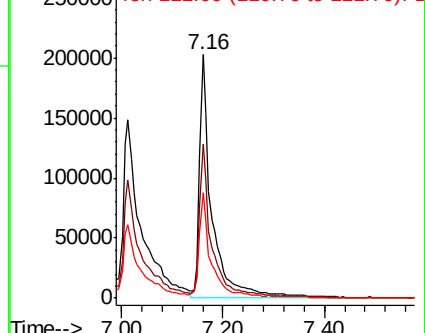
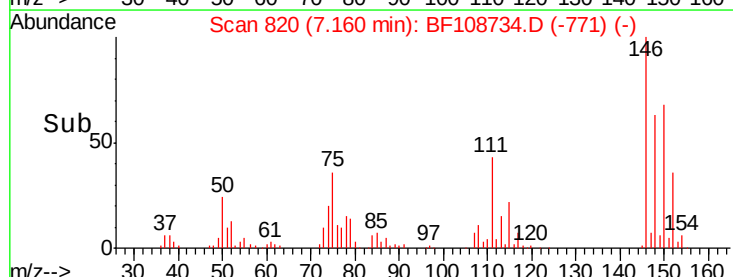
146 100

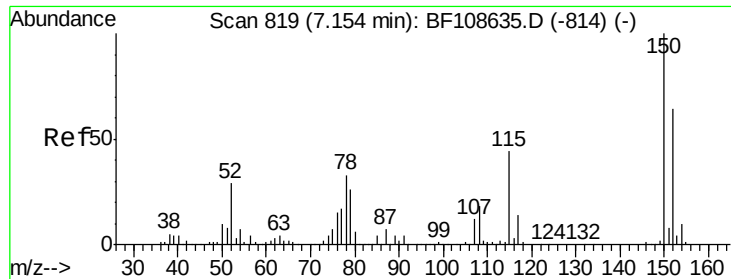
148 63.2 50.6 75.8

111 43.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 10.589 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

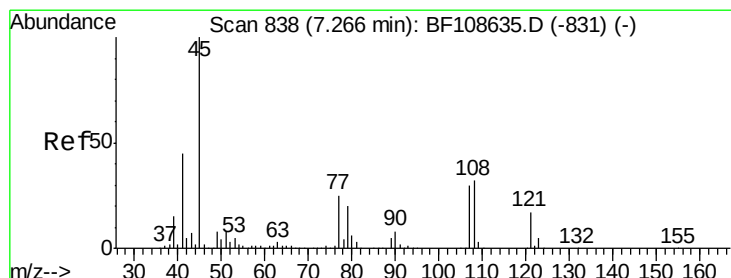
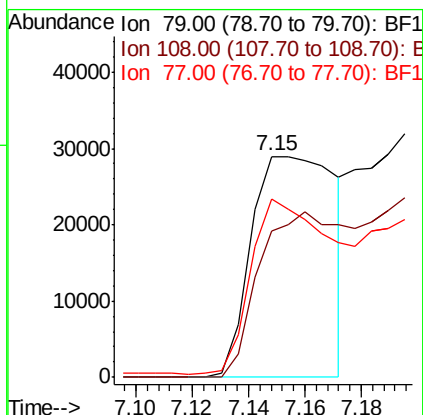
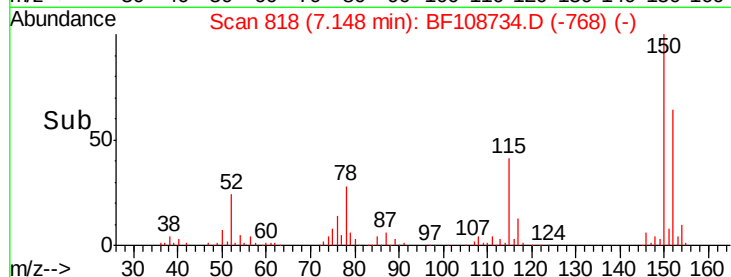
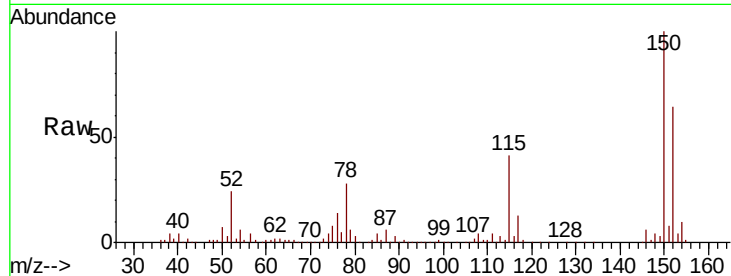
Tot Ion: 79 Resp: 60007

Ion Ratio Lower Upper

79 100

108 66.0 65.1 97.7

77 80.4 50.6 75.8#



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.054 ng

RT: 7.25 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

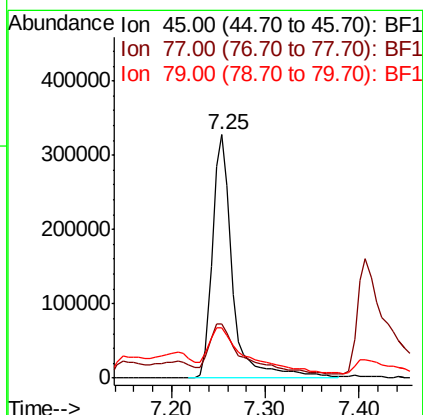
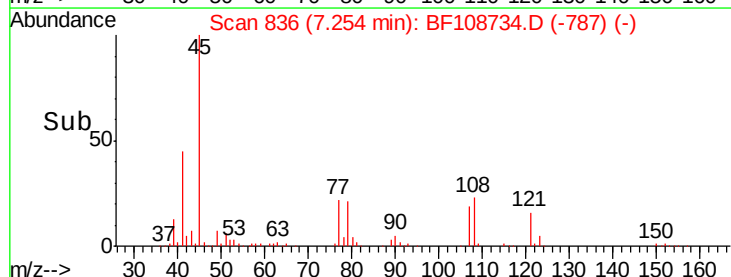
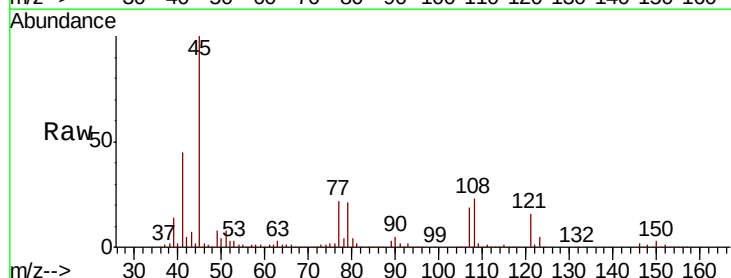
Tgt Ion: 45 Resp: 497085

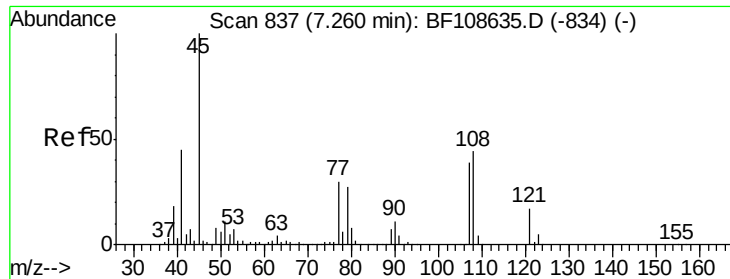
Ion Ratio Lower Upper

45 100

77 22.4 0.0 32.9

79 20.7 0.0 29.6

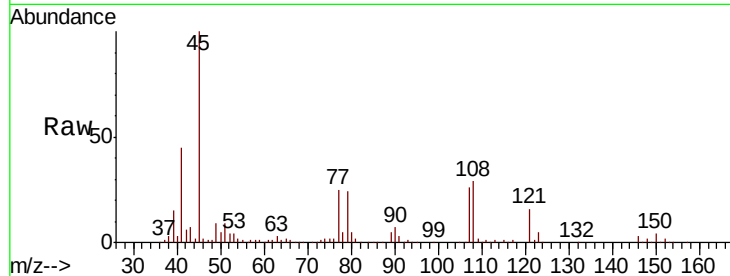




#17
2-Methylphenol
Concen: 37.015 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	99.5	33.8	50.8#
79	93.8	33.8	50.8#



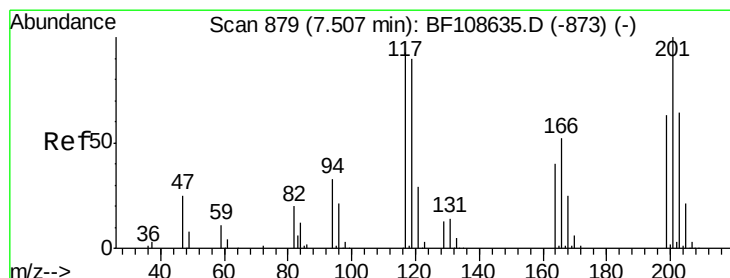
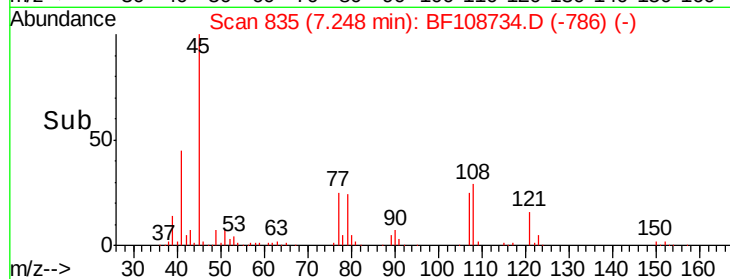
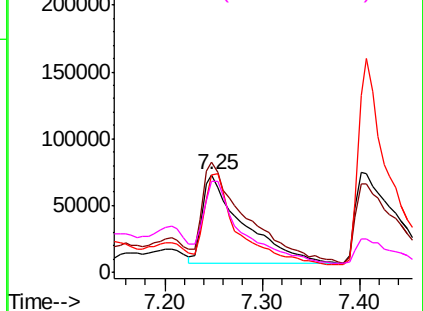
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

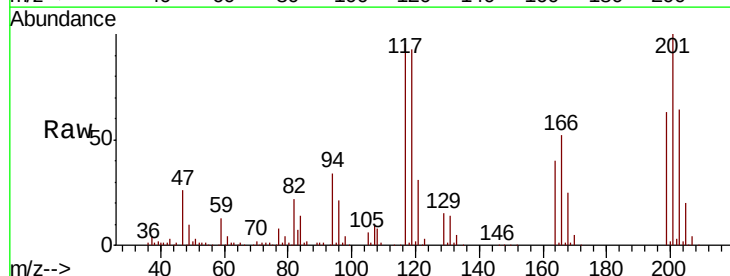
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.725 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
201	105.7	75.7	113.5

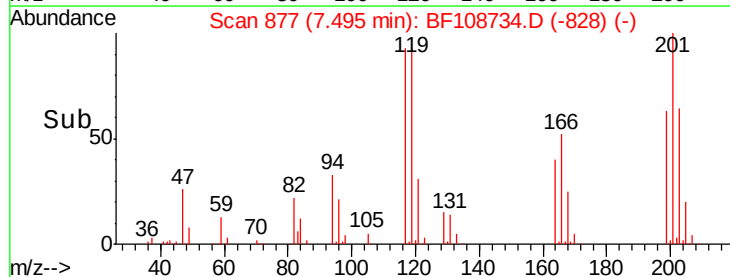
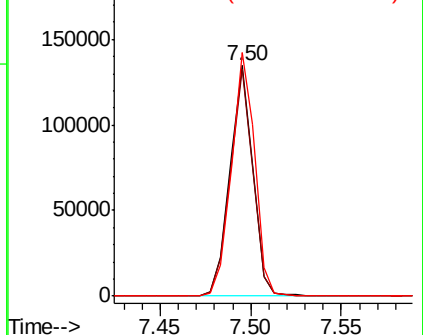


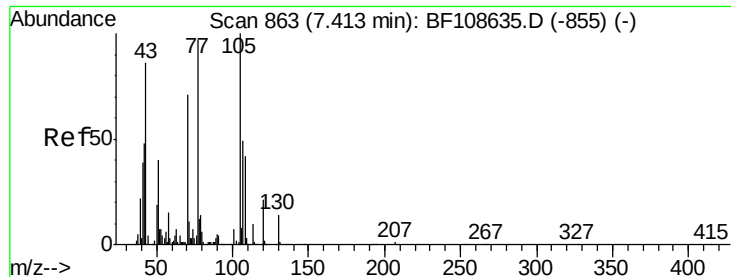
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

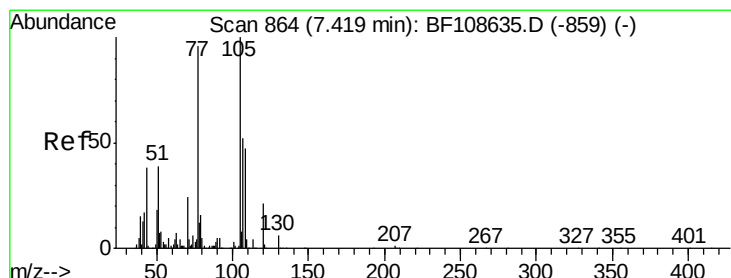
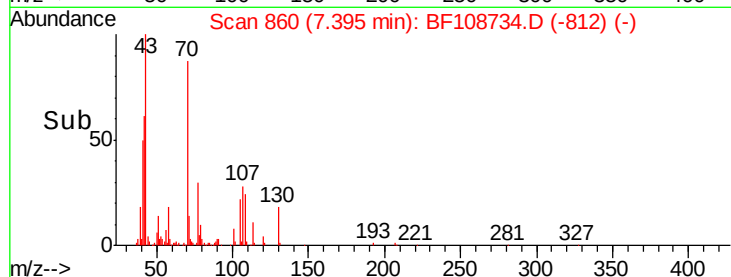
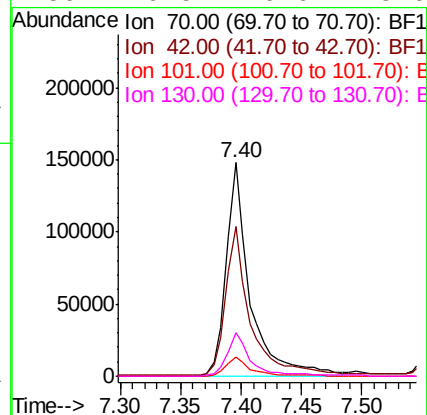
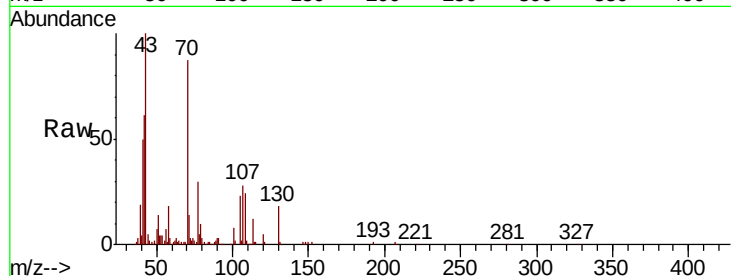




#19
n-Nitroso-di-n-propylamine
Concen: 38.593 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

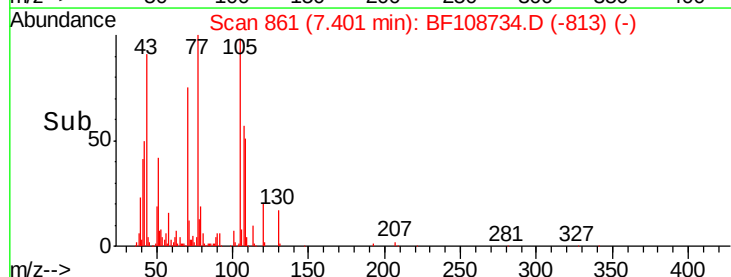
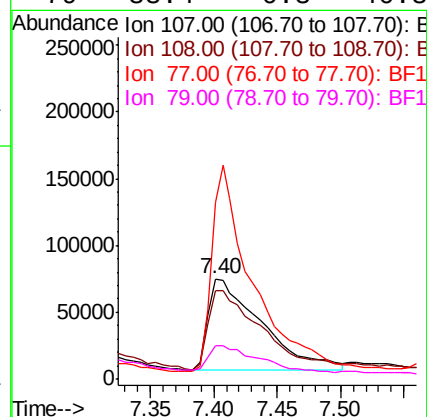
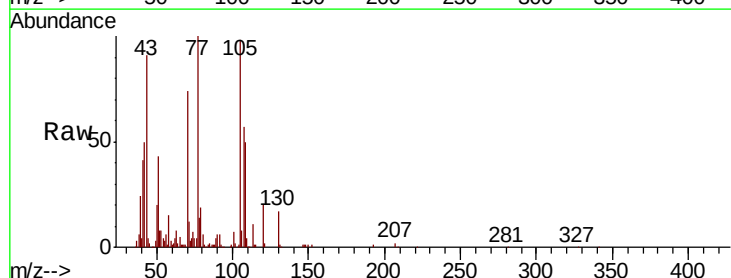
Instrument :
BNA_F
ClientSampleId :

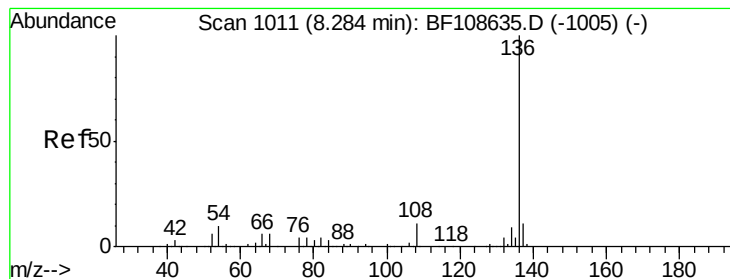
Tot Ion:	70	Resp:	203609
Ion	Ratio	Lower	Upper
70	100		
42	70.1	47.5	71.3
101	9.3	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.764 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:	107	Resp:	201555
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	176.3	26.7	66.7#
79	33.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 411836

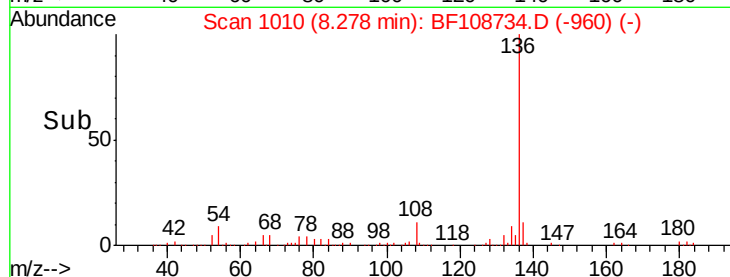
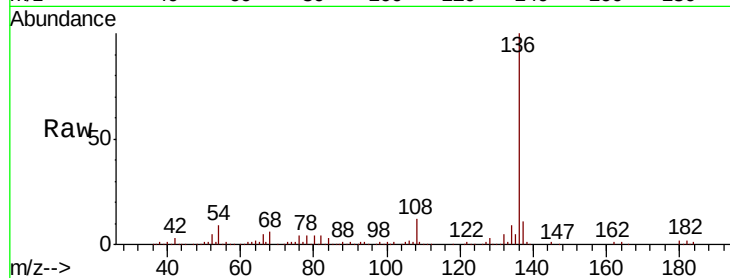
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.4 6.6 9.8

68 5.5 5.0 7.4

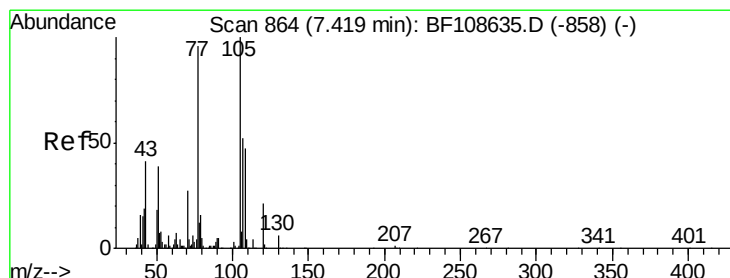
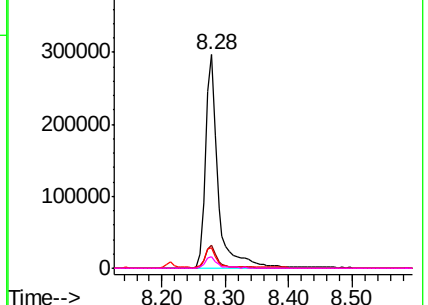


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.192 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Tgt Ion:105 Resp: 392650

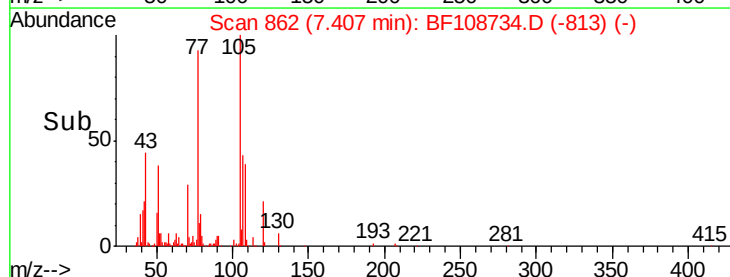
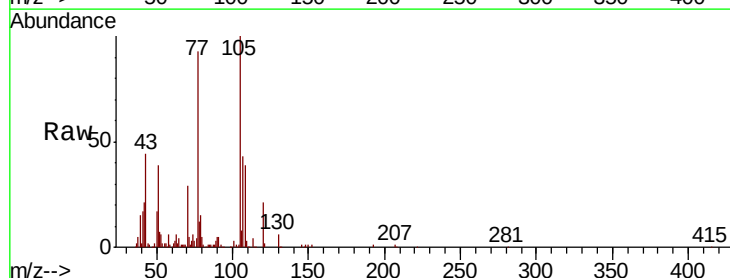
Ion Ratio Lower Upper

105 100

71 4.8 4.4 6.6

51 39.0 22.3 33.5#

120 21.3 16.9 25.3

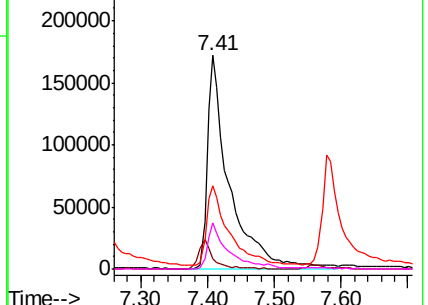


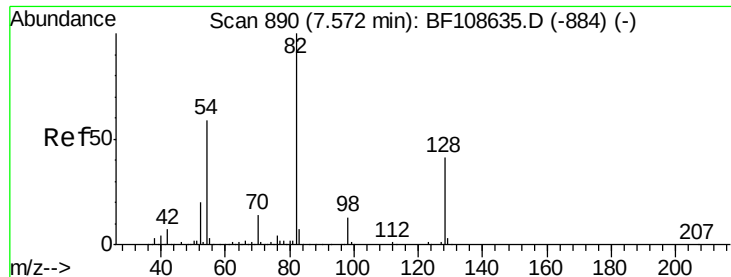
Abundance Ion 105.00 (104.70 to 105.70): E

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

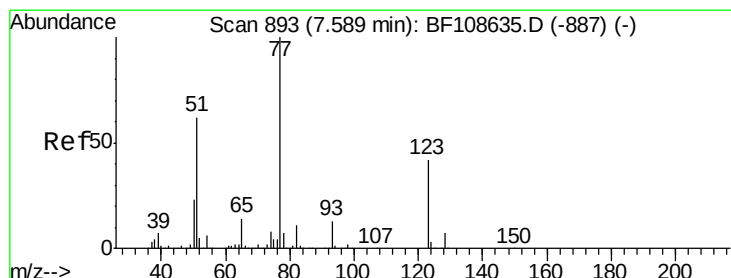
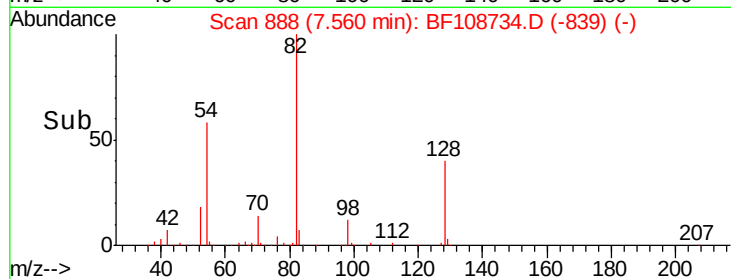
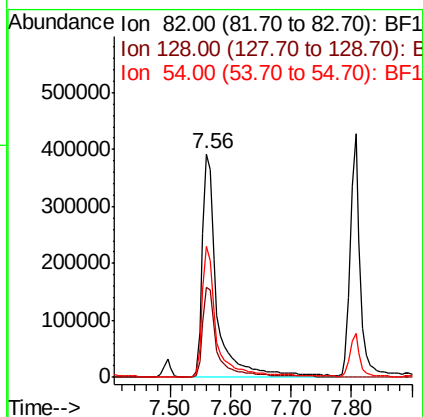
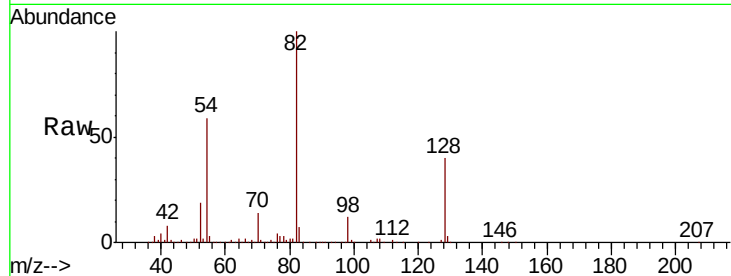




#23
 Nitrobenzene-d5
 Concen: 83.172 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

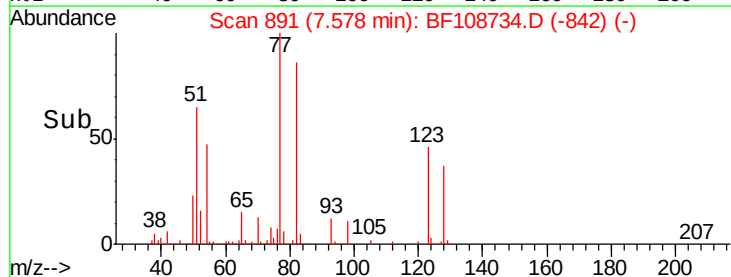
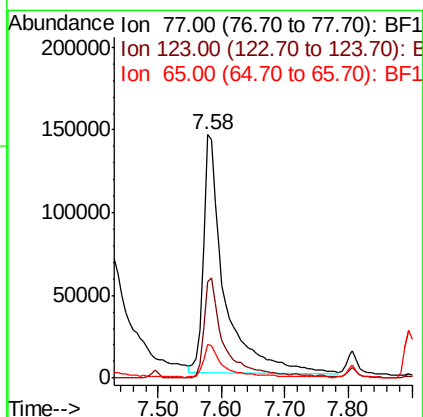
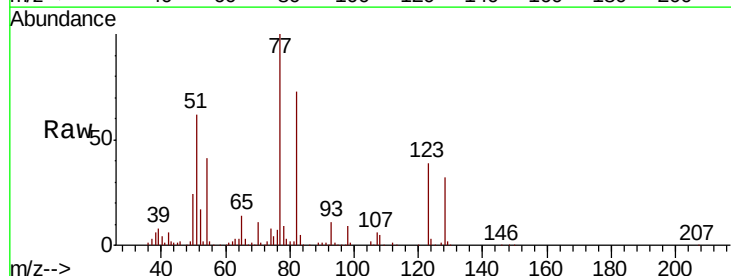
Instrument :
 BNA_F
 ClientSampleId :

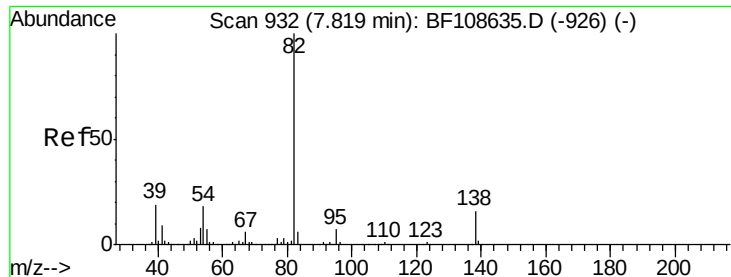
Tot Ion: 82 Resp: 674826
 Ion Ratio Lower Upper
 82 100
 128 40.3 36.1 54.1
 54 58.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.101 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion: 77 Resp: 329911
 Ion Ratio Lower Upper
 77 100
 123 39.5 37.9 56.9
 65 14.0 11.0 16.4





#25

Isophorone

Concen: 37.778 ng

RT: 7.81 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampled :

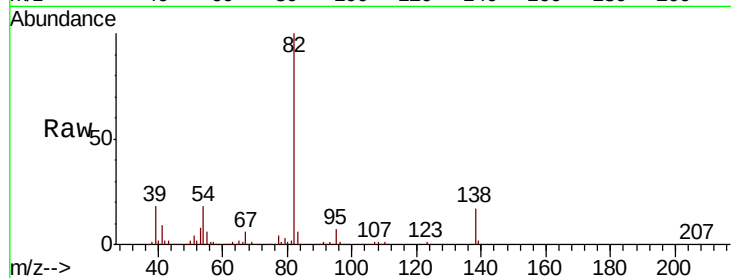
Tot Ion: 82 Resp: 509171

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

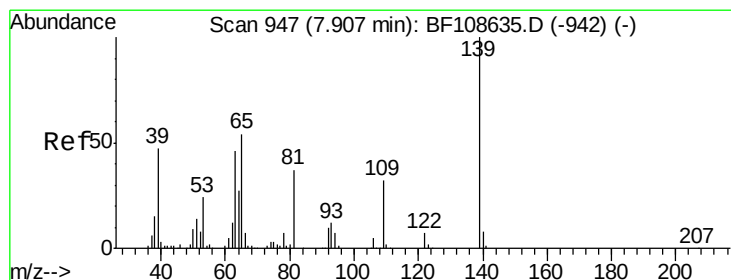
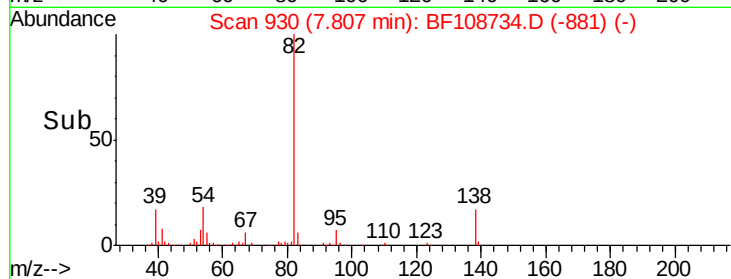
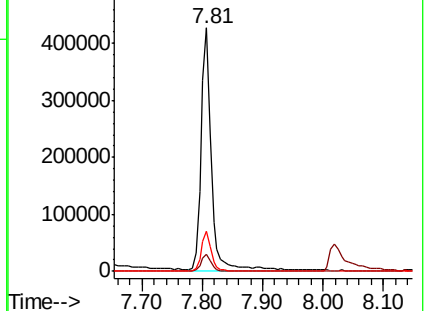
138 16.7 14.9 22.3



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: 37.390 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

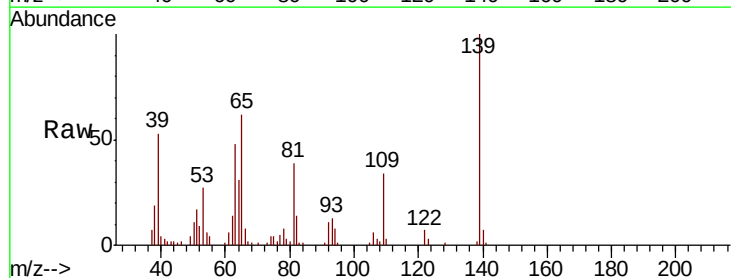
Tgt Ion: 139 Resp: 139251

Ion Ratio Lower Upper

139 100

109 33.5 22.7 34.1

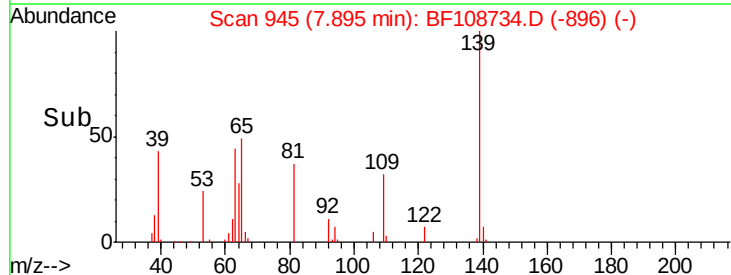
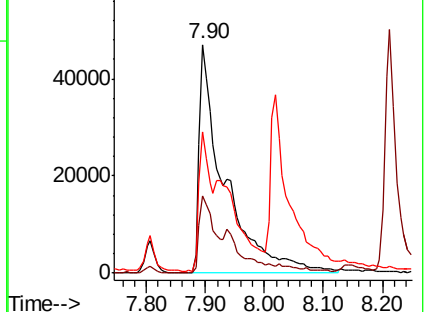
65 61.9 40.5 60.7#

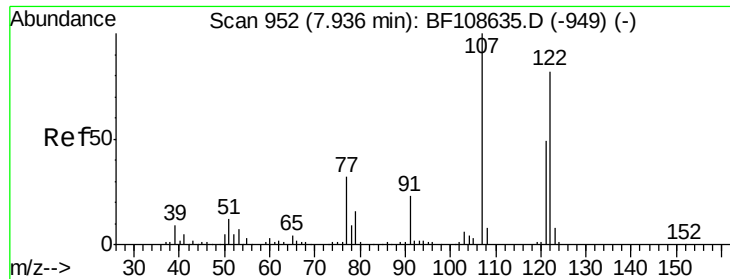


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.094 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampled :

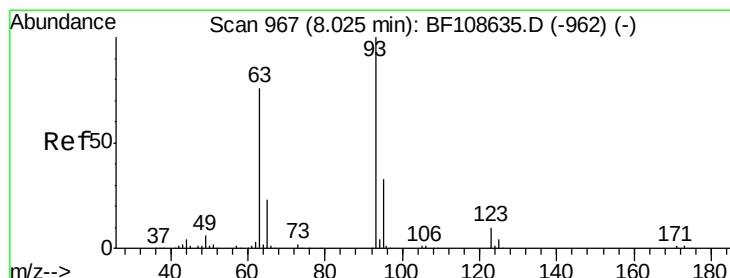
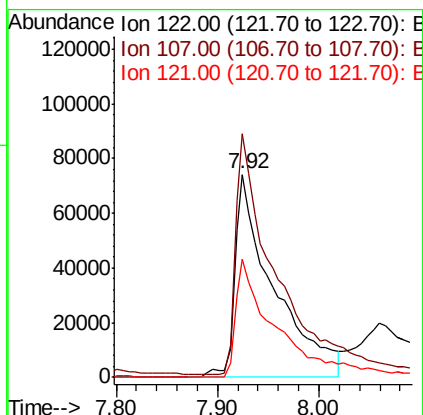
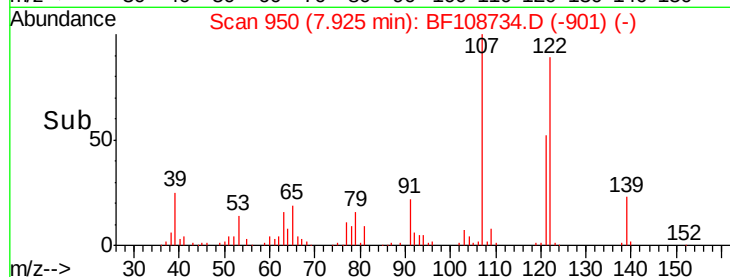
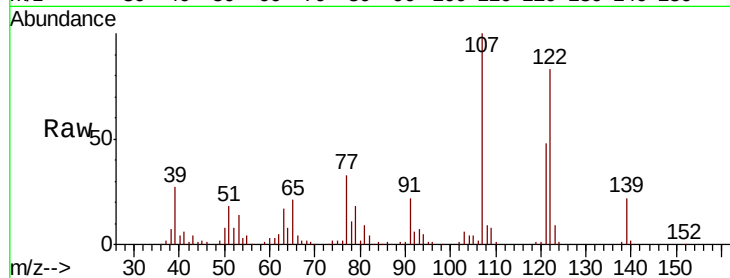
Tot Ion:122 Resp: 195502

Ion Ratio Lower Upper

122 100

107 120.1 91.2 136.8

121 58.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.109 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

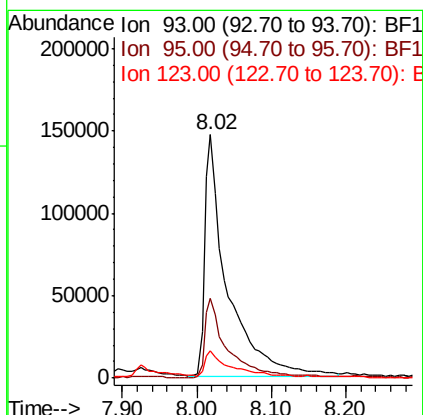
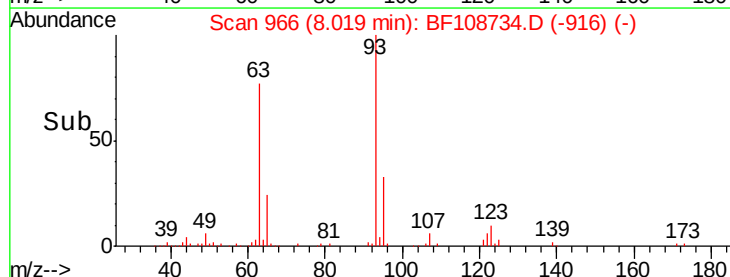
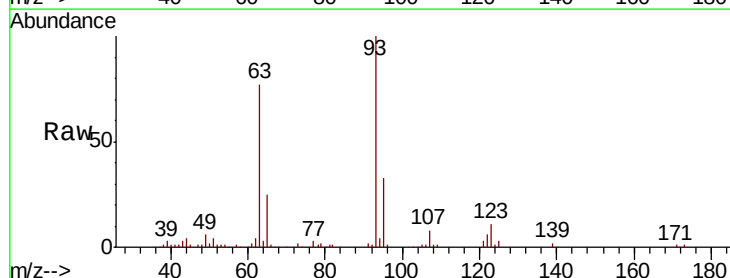
Tgt Ion: 93 Resp: 307438

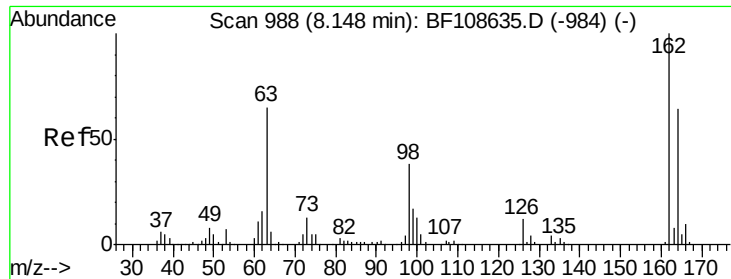
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 11.4 9.8 14.6

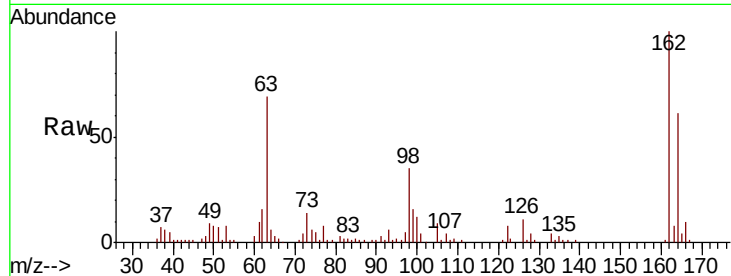




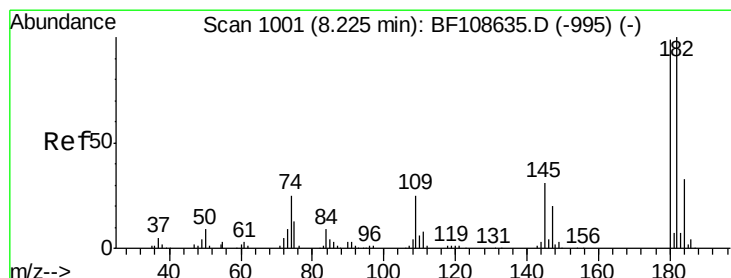
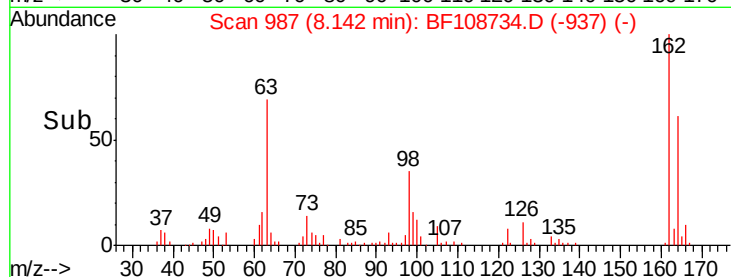
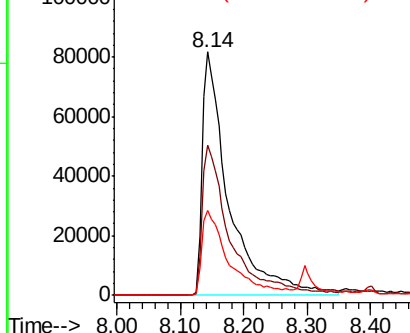
#29
2,4-Dichlorophenol
Concen: 37.236 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 239274
Ion Ratio Lower Upper
162 100
164 61.5 42.7 82.7
98 34.7 18.1 58.1

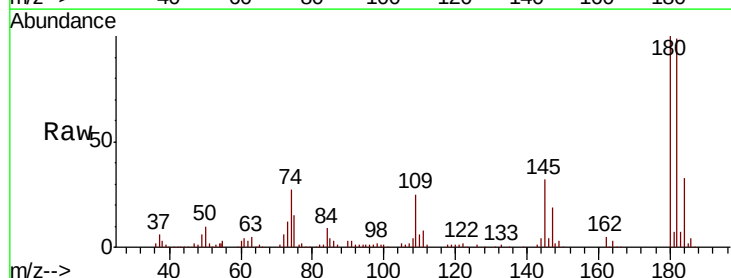


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

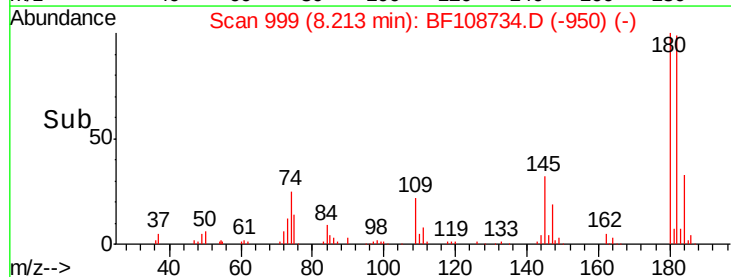
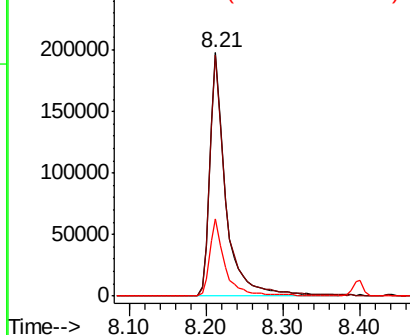


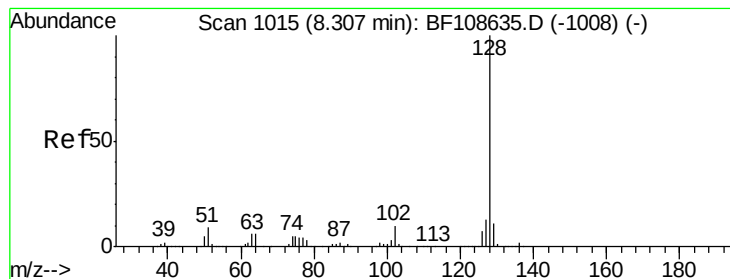
#30
1,2,4-Trichlorobenzene
Concen: 39.174 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:180 Resp: 281493
Ion Ratio Lower Upper
180 100
182 99.2 76.8 115.2
145 31.5 26.5 39.7



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: 41.652 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

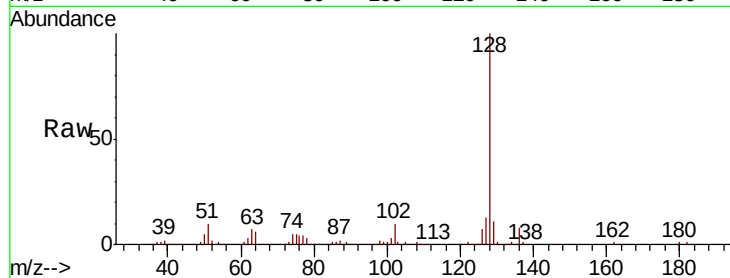
Tot Ion:128 Resp: 817044

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

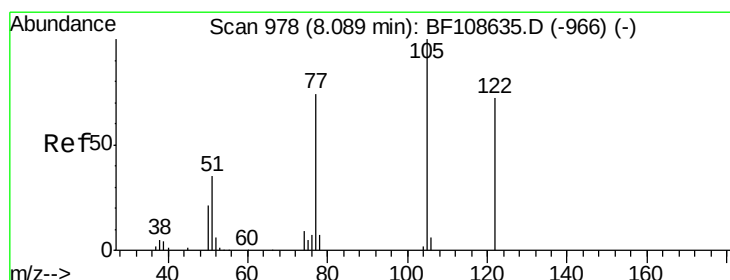
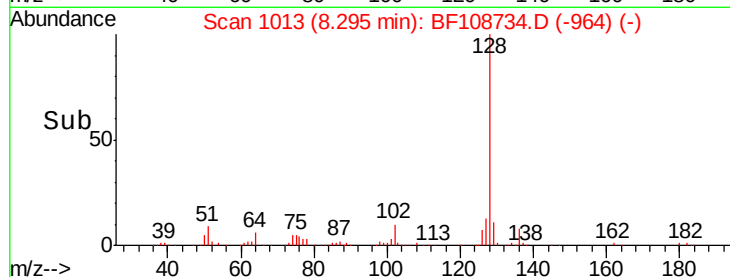
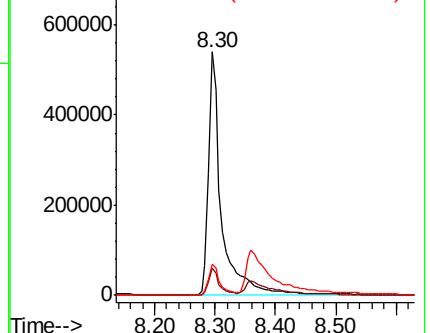
127 12.9 10.9 16.3



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: 14.202 ng

RT: 8.06 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

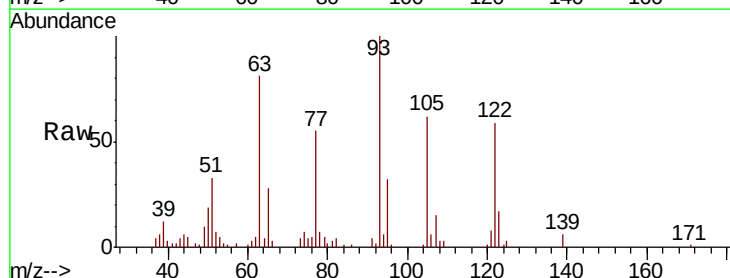
Tgt Ion:122 Resp: 49330

Ion Ratio Lower Upper

122 100

105 104.2 101.1 141.1

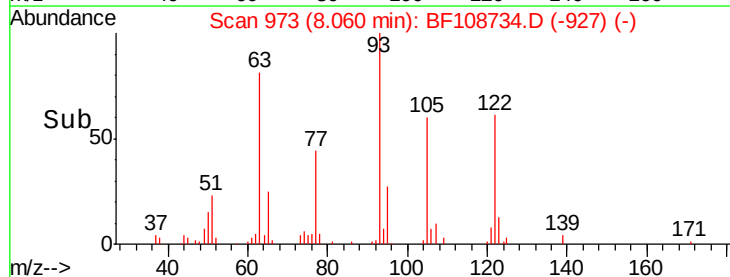
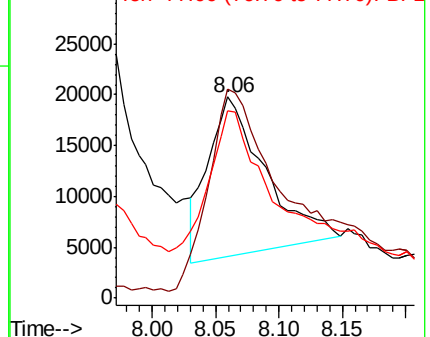
77 93.4 70.7 110.7

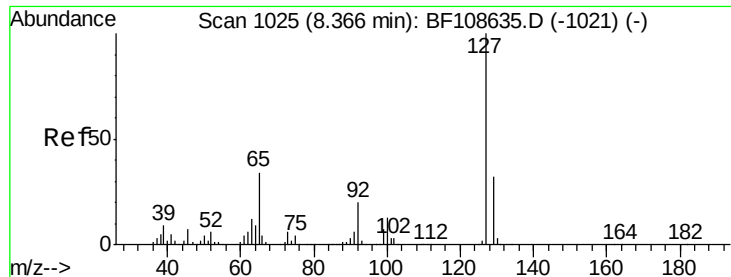


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

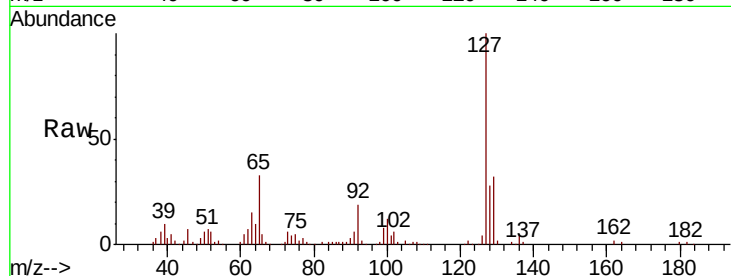




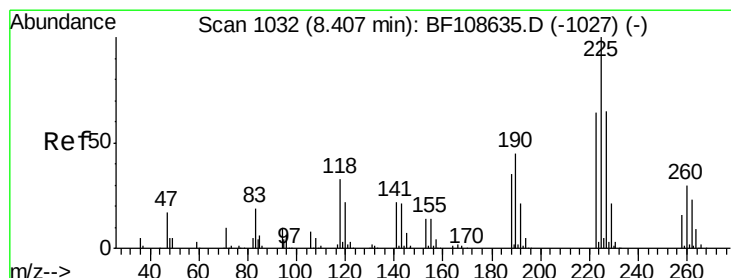
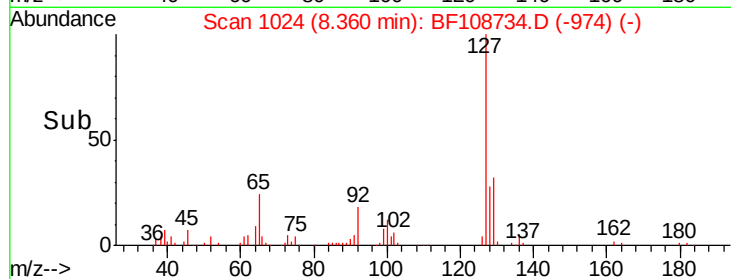
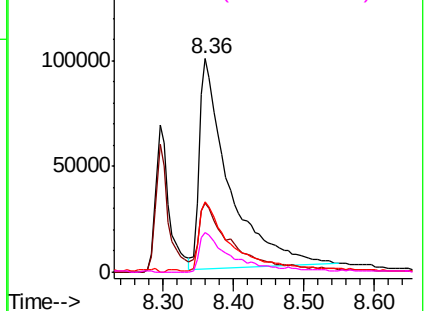
#33
4-Chloroaniline
Concen: 34.030 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	294678
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	32.8	25.0	37.4
92	18.8	15.2	22.8

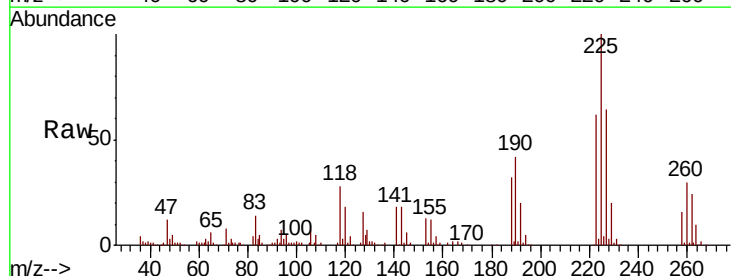


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

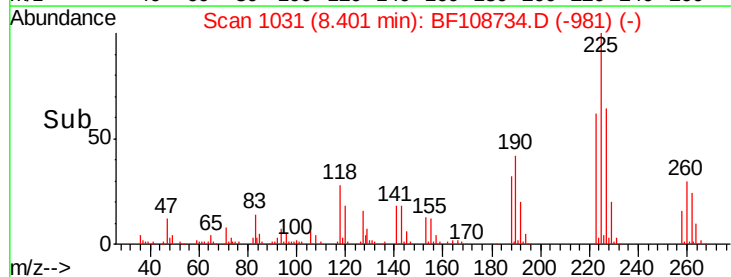
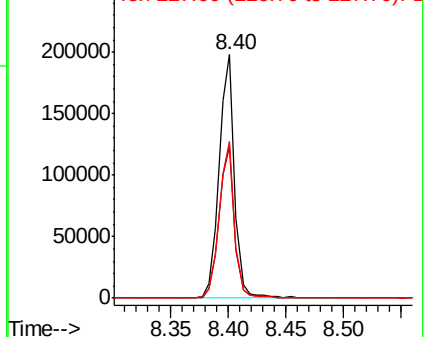


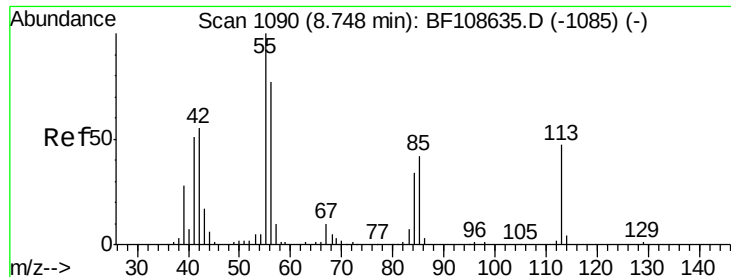
#34
Hexachlorobutadiene
Concen: 38.912 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:	225	Resp:	183589
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	64.4	51.9	77.9



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

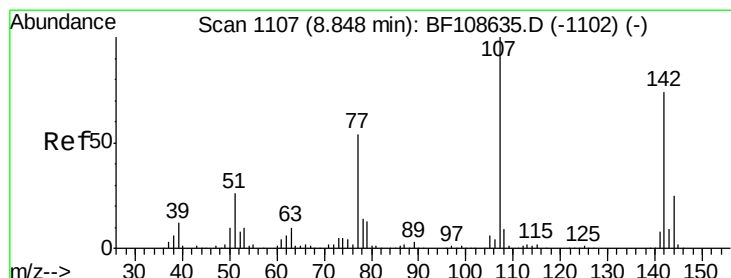
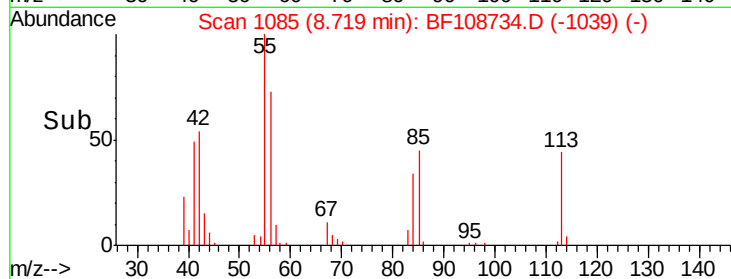
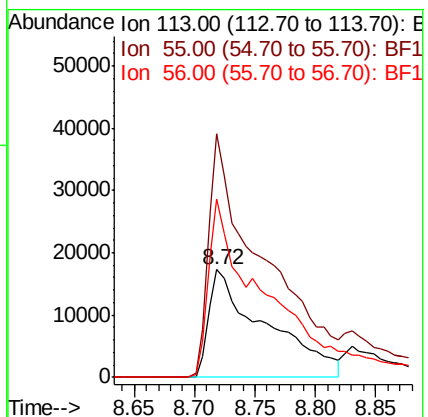
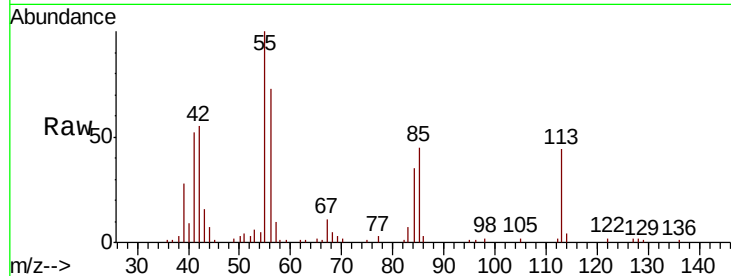




#35
 Caprolactam
 Concen: 32.796 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

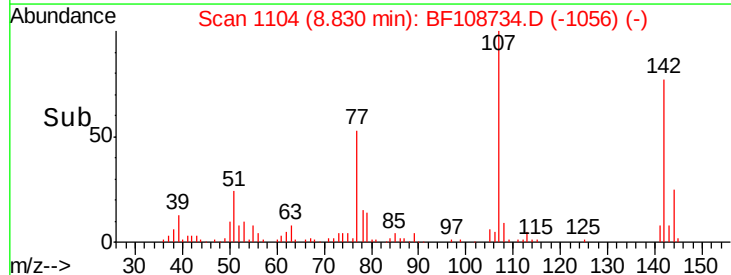
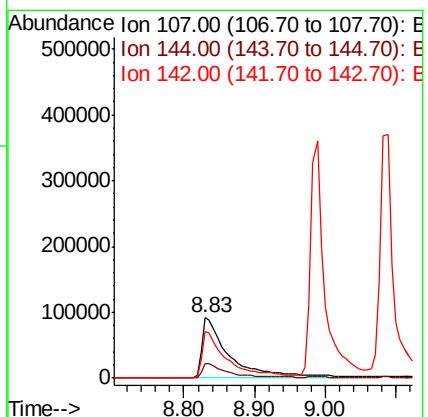
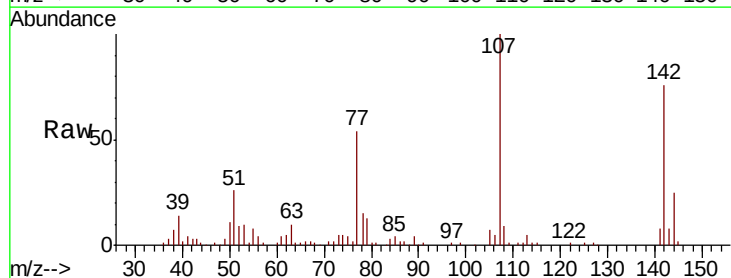
Instrument :
 BNA_F
 ClientSampled :

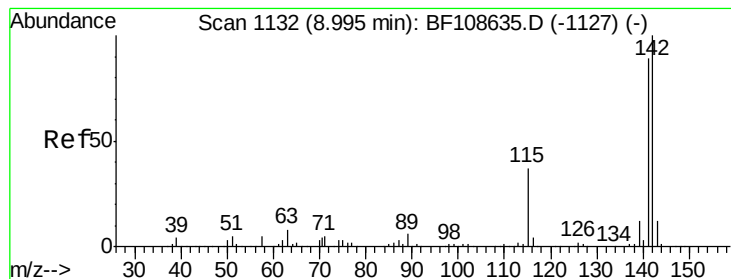
Tot Ion:113 Resp: 56155
 Ion Ratio Lower Upper
 113 100
 55 226.1 163.3 203.3#
 56 165.6 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 36.320 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion:107 Resp: 250493
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 76.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.581 ng

RT: 8.99 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

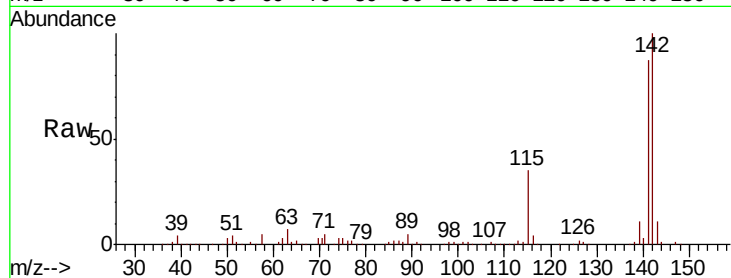
Tot Ion:142 Resp: 498772

Ion Ratio Lower Upper

142 100

141 86.9 70.8 106.2

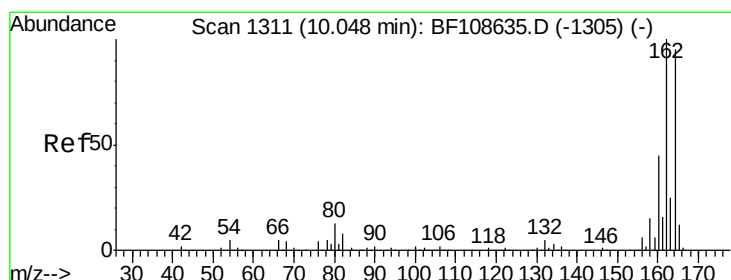
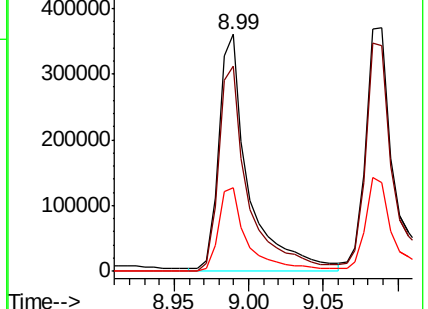
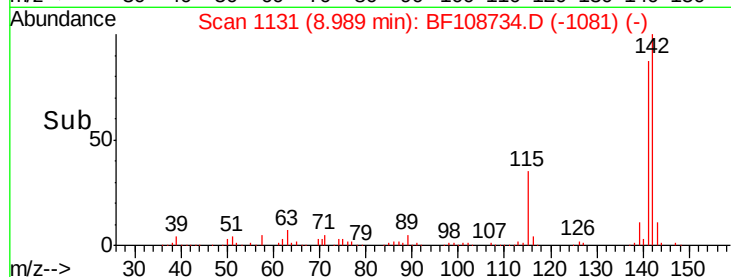
115 35.2 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

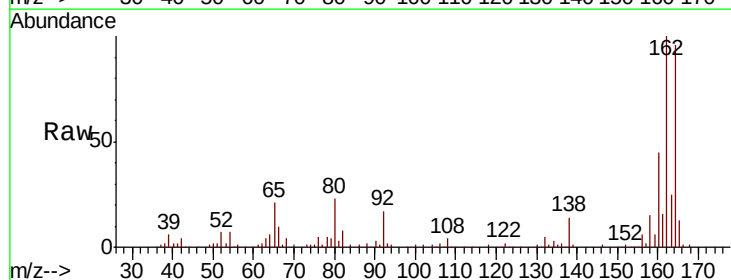
Tgt Ion:164 Resp: 211953

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

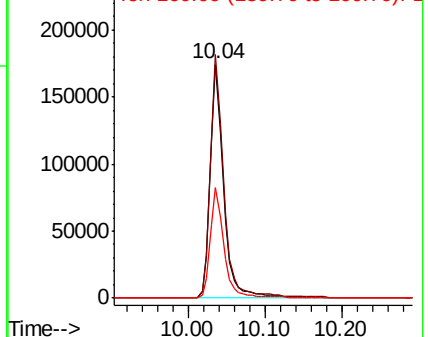
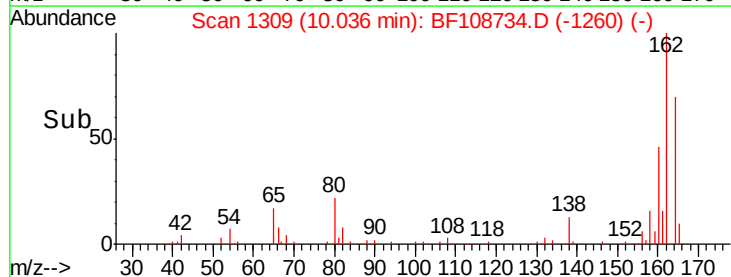
160 47.1 38.3 57.5

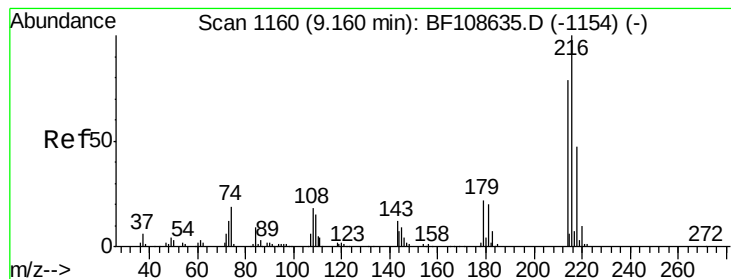


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.887 ng

RT: 9.15 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF108734.D

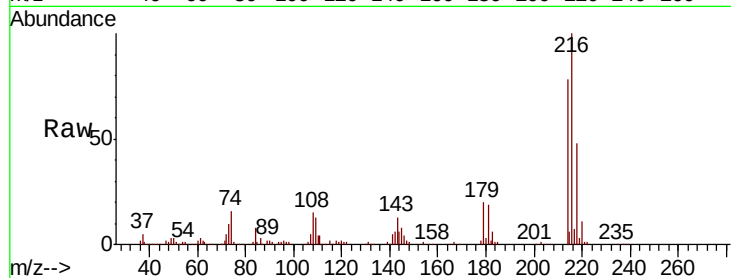
Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	300137
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.0	94.4
179	20.4	18.1	27.1
108	16.2	17.2	25.8#

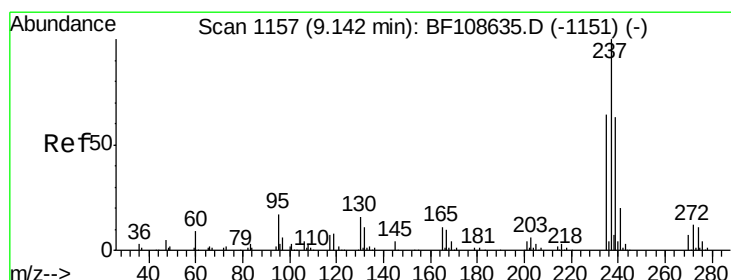
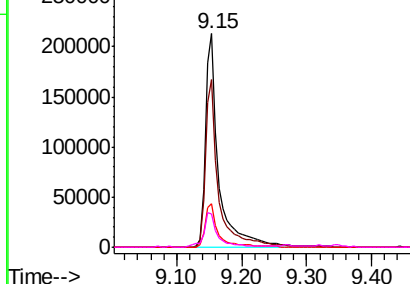
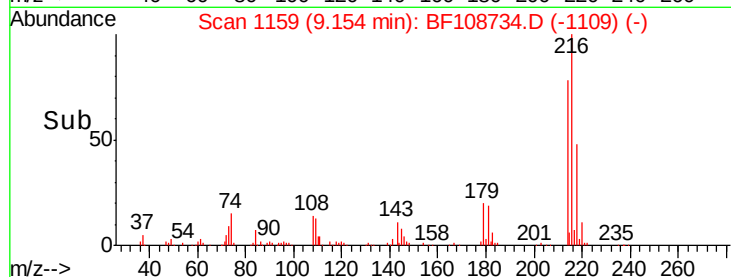


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 36.114 ng

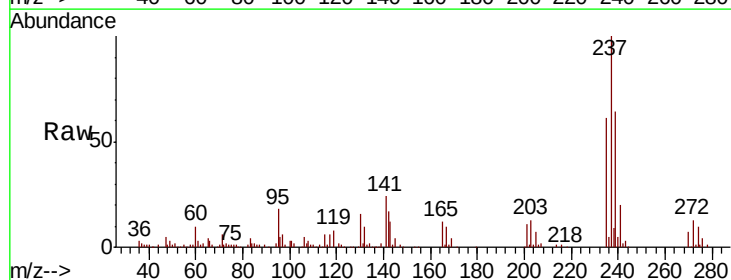
RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

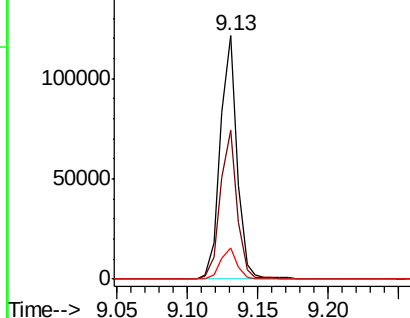
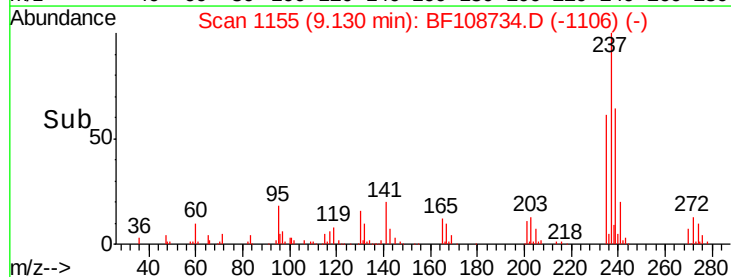
Tgt Ion:	237	Resp:	100790
Ion Ratio	Lower	Upper	
237	100		
235	60.9	44.8	84.8
272	12.8	0.0	33.3

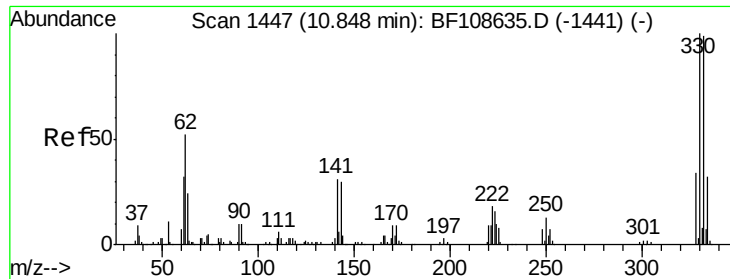


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

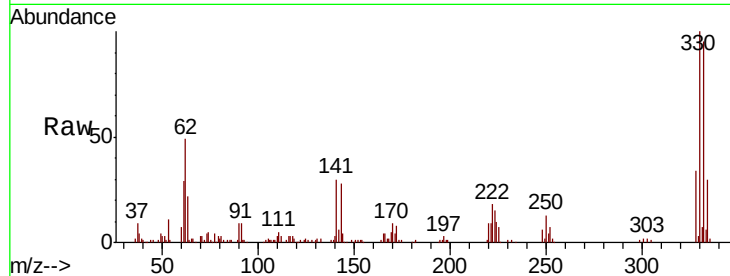




#41
 2,4,6-Tribromophenol
 Concen: 73.895 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	30.7	29.9	44.9

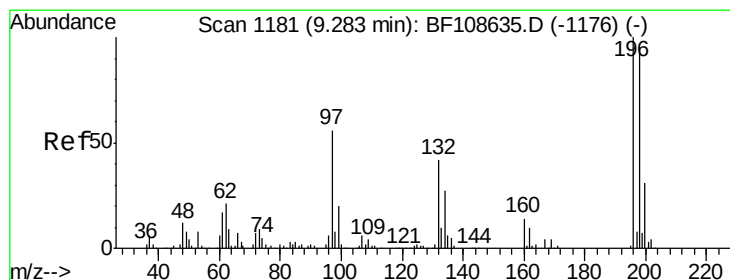
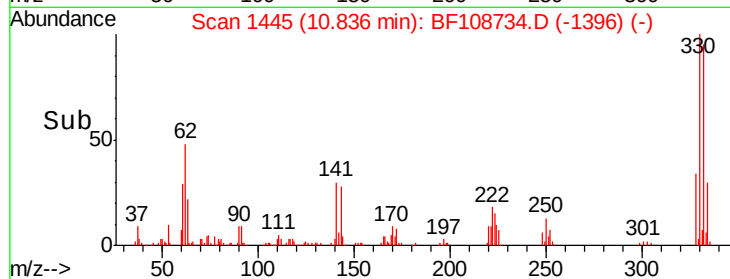
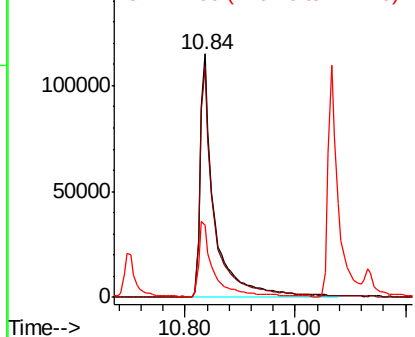


Abundance

Ion 329.80 (329.50 to 330.50): E

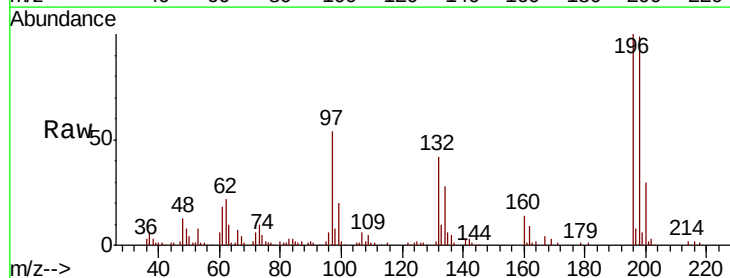
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.332 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	75.7	113.5
200	30.2	24.5	36.7

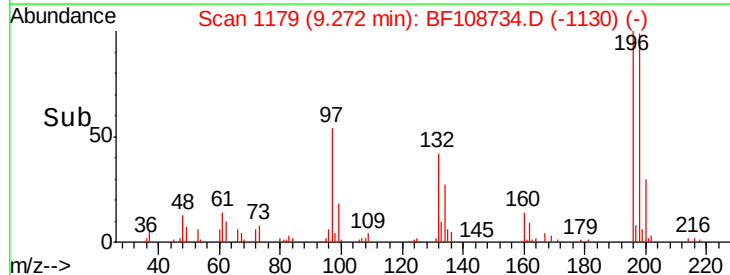
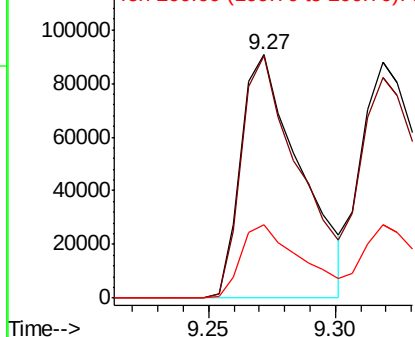


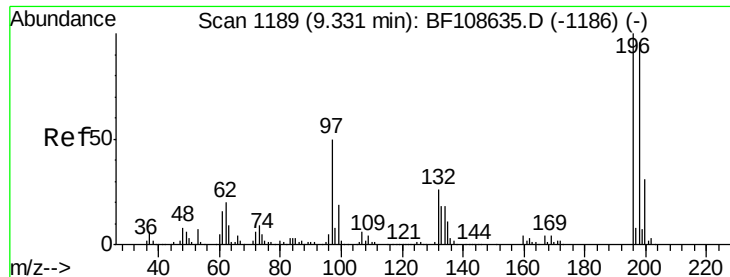
Abundance

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

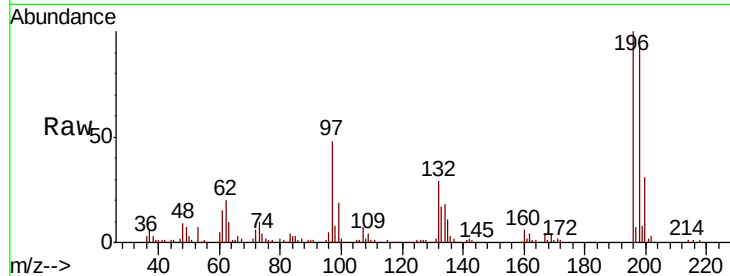




#43
2,4,5-Trichlorophenol
Concen: 41.546 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	48.3	42.9	64.3
132	28.9	26.3	39.5



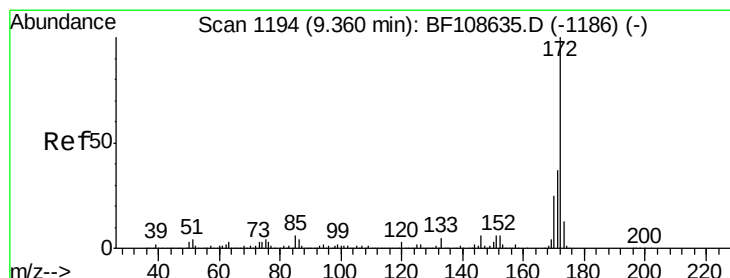
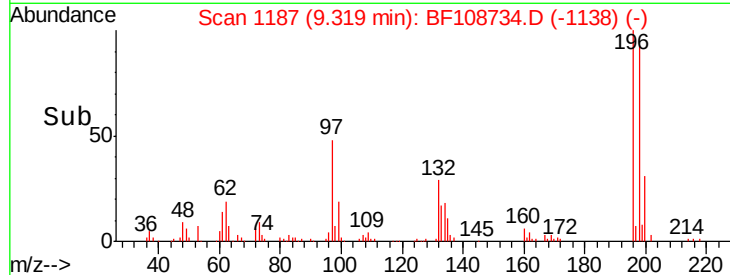
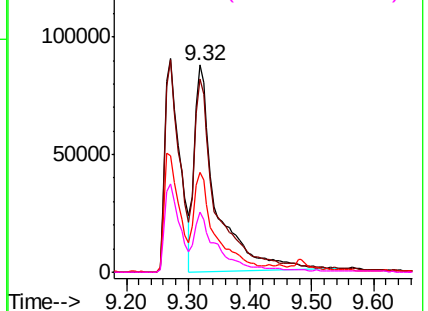
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

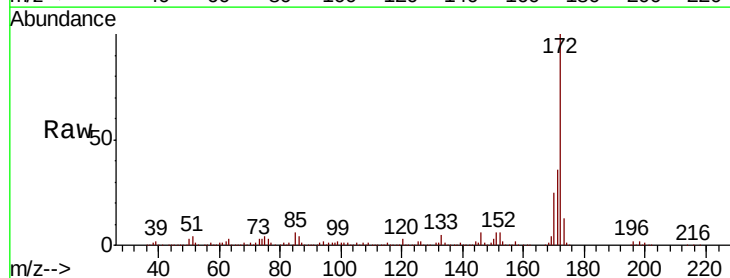
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.349 ng
RT: 9.35 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

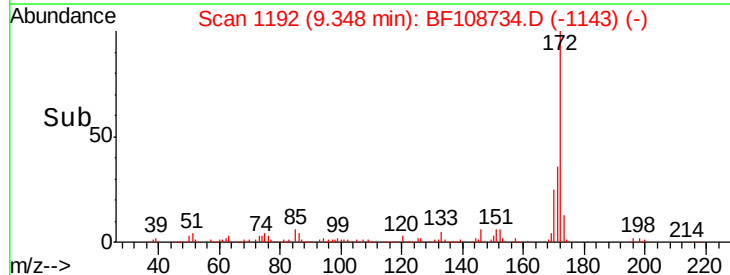
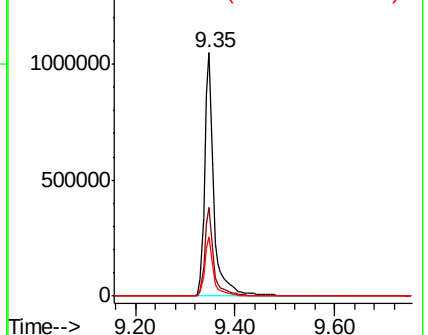


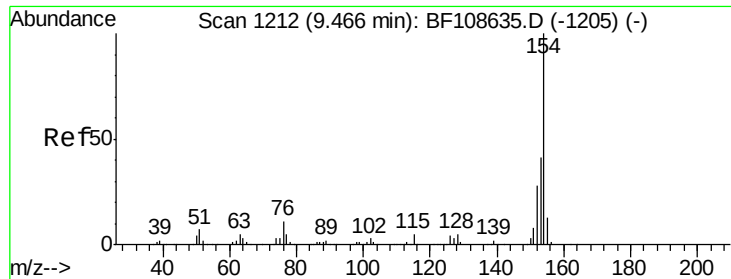
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

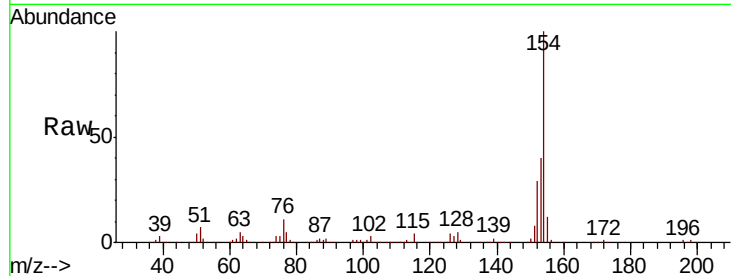




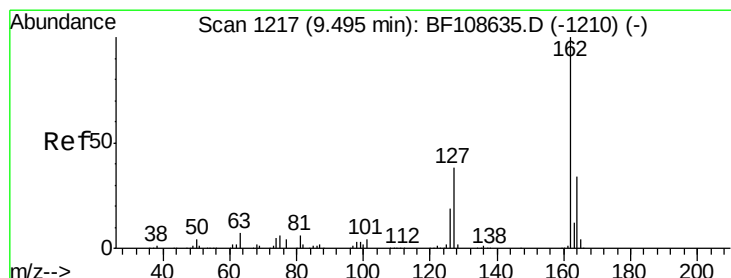
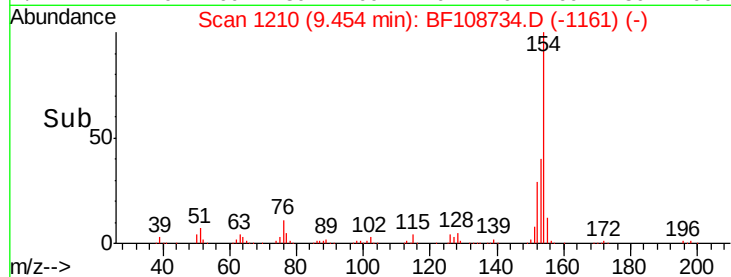
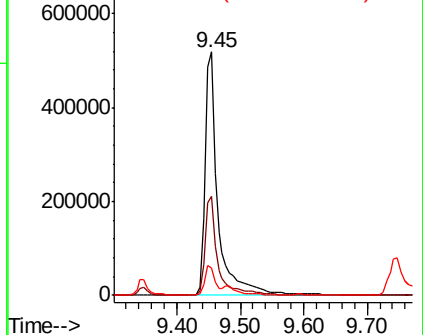
#45
 1,1'-Biphenyl
 Concen: 39.568 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 730098
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 11.4 0.0 34.0

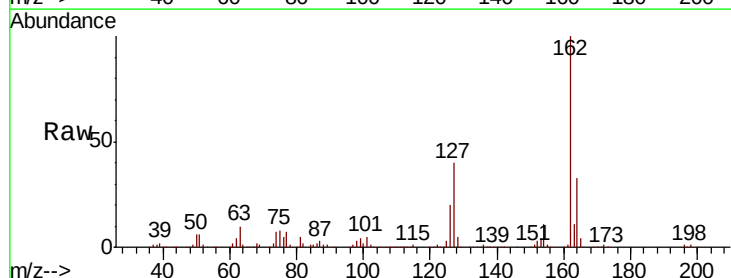


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

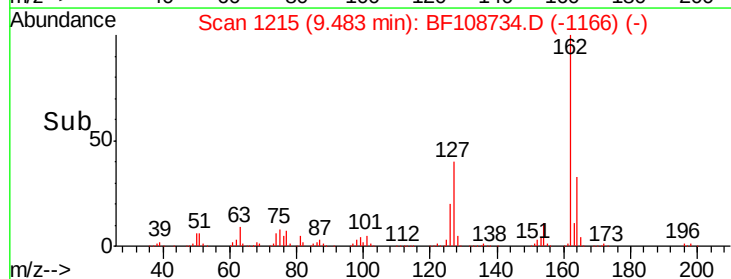
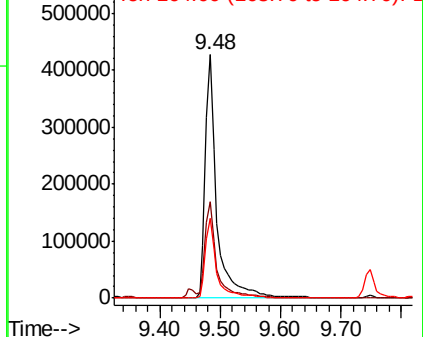


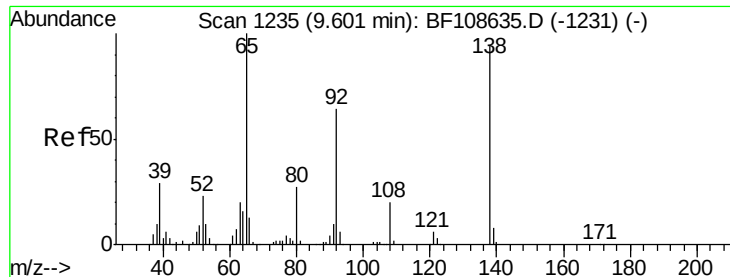
#46
 2-Chloronaphthalene
 Concen: 39.835 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion:162 Resp: 575434
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.9 50.9
 164 32.8 26.5 39.7



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

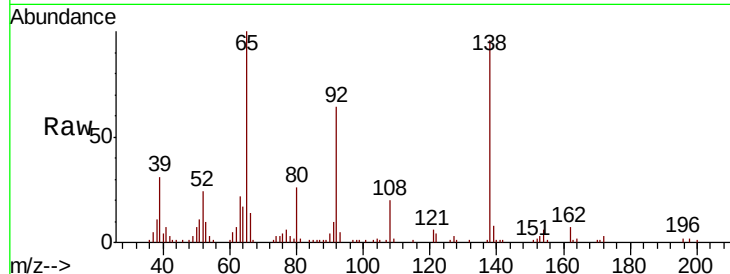




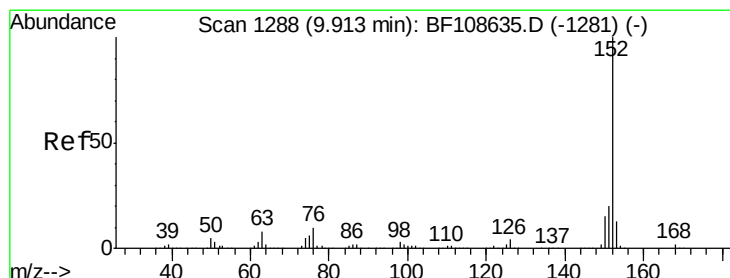
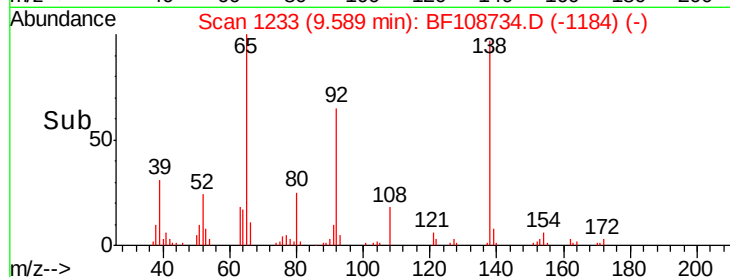
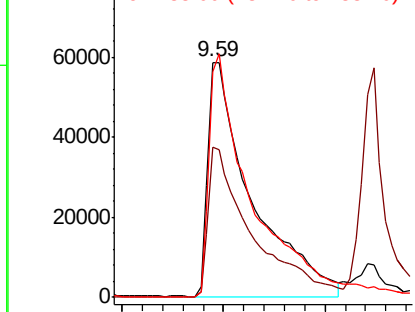
#47
2-Nitroaniline
Concen: 36.812 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 177853
Ion Ratio Lower Upper
65 100
92 64.0 55.8 83.6
138 95.9 91.2 136.8

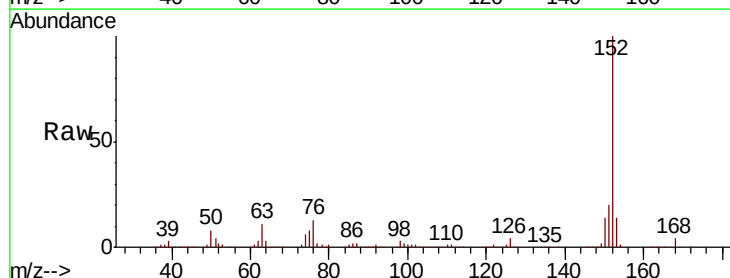


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

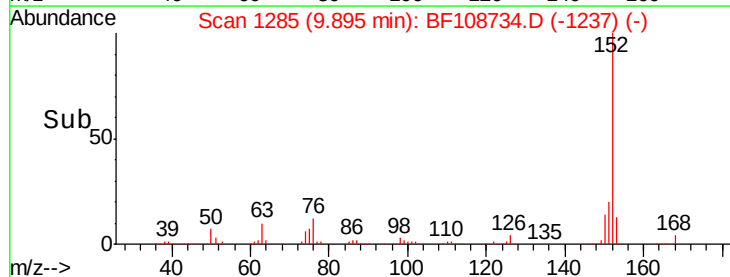
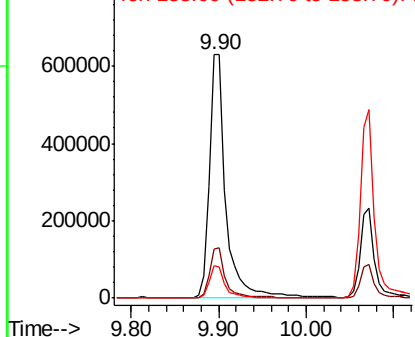


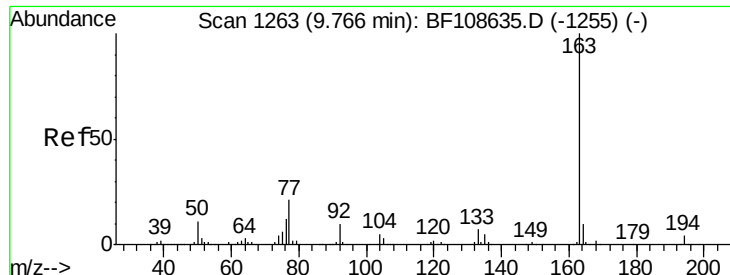
#48
Acenaphthylene
Concen: 38.988 ng
RT: 9.90 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion: 152 Resp: 824537
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1



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

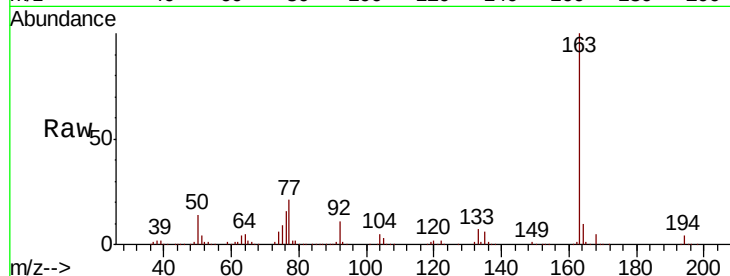




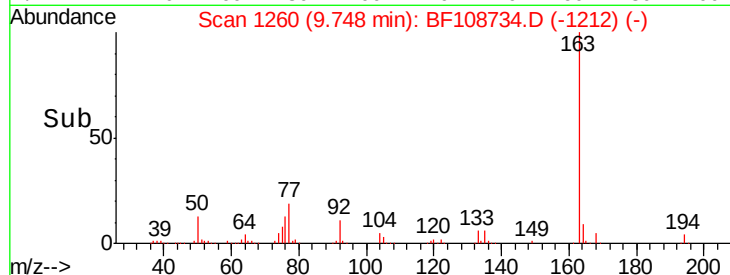
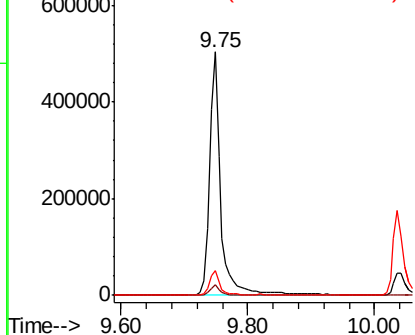
#49
Dimethylphthalate
Concen: 37.395 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 624135
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.2 8.2 12.2

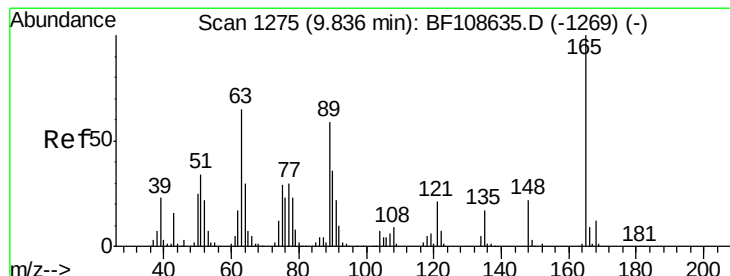


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

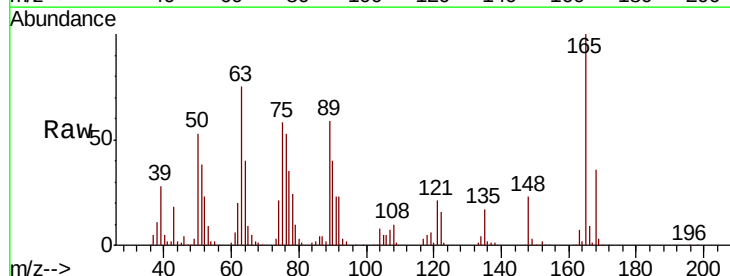
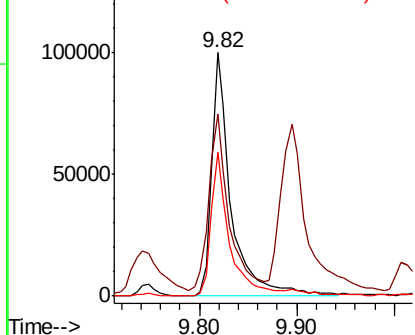


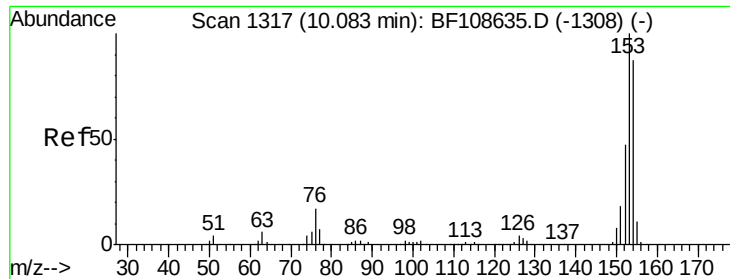
#50
2,6-Dinitrotoluene
Concen: 37.454 ng
RT: 9.82 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:165 Resp: 137794
Ion Ratio Lower Upper
165 100
63 75.0 44.7 67.1#
89 59.1 44.0 66.0



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





#51

Acenaphthene

Concen: 37.147 ng

RT: 10.07 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

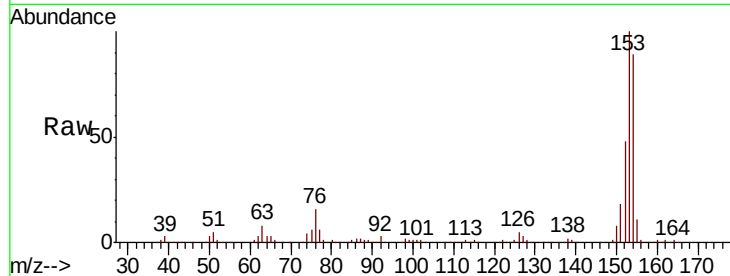
Tot Ion:154 Resp: 469724

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

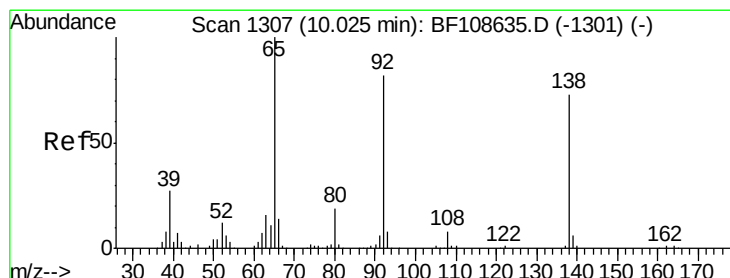
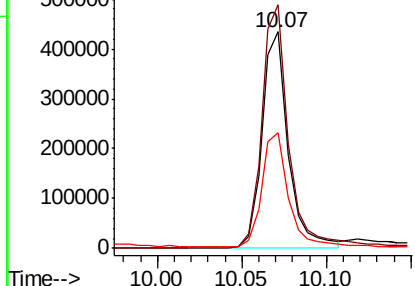
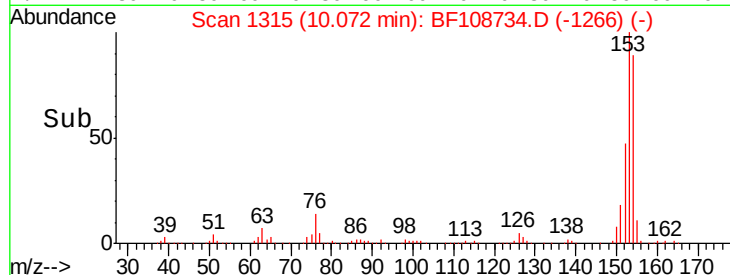
152 53.5 43.8 65.8



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



#52

3-Nitroaniline

Concen: 39.312 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

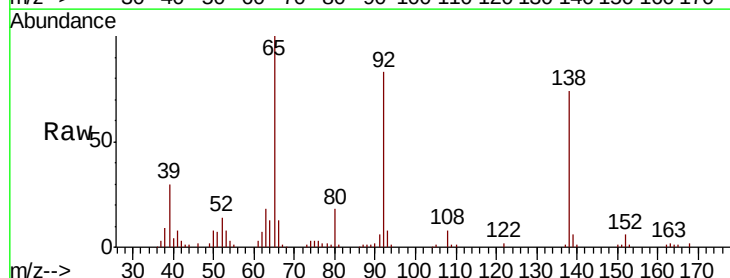
Tgt Ion:138 Resp: 156459

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

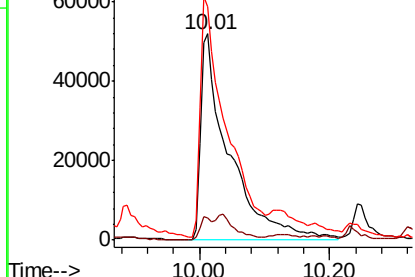
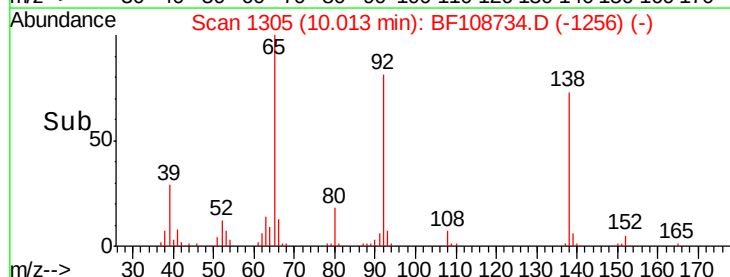
92 113.4 89.4 134.2

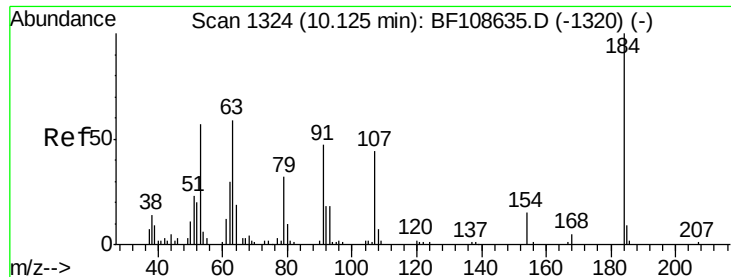


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

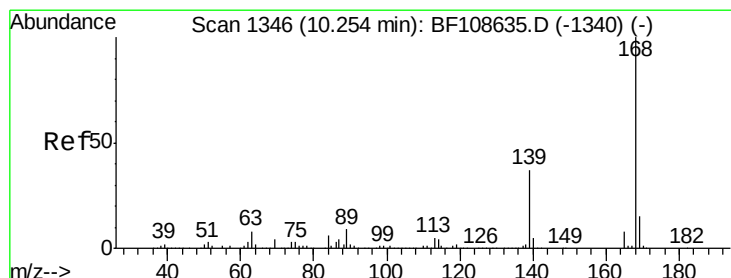
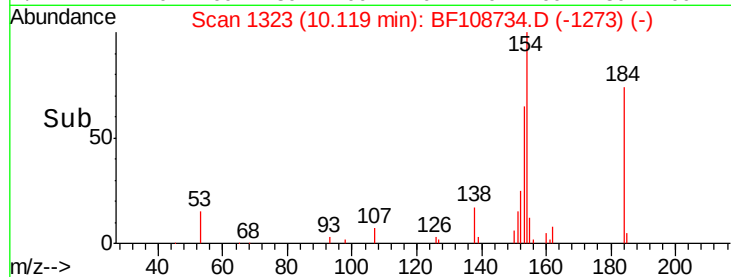
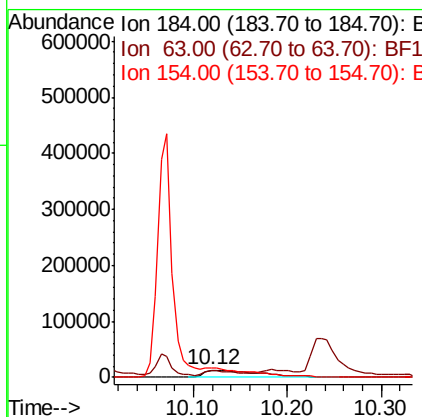
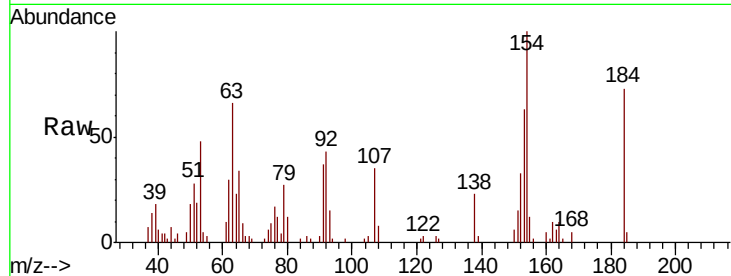




#53
 2,4-Dinitrophenol
 Concen: 42.882 ng
 RT: 10.12 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

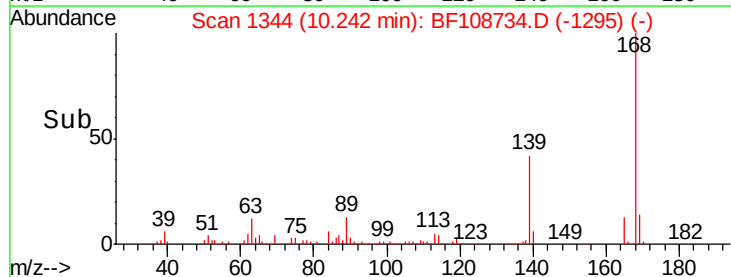
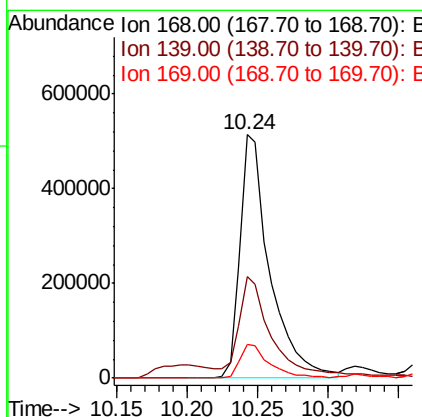
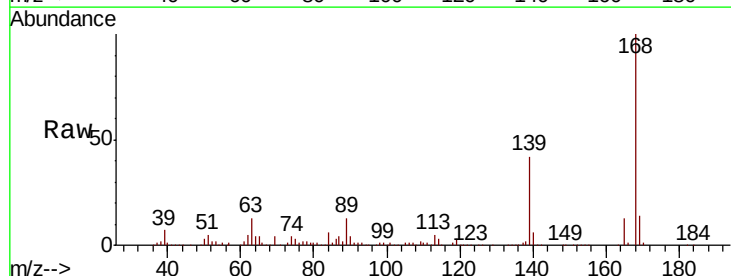
Instrument :
 BNA_F
 ClientSampled :

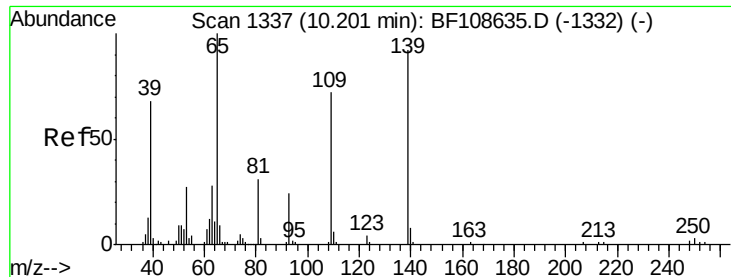
Tot Ion:184 Resp: 53644
 Ion Ratio Lower Upper
 184 100
 63 91.4 54.2 81.2#
 154 137.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.352 ng
 RT: 10.24 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion:168 Resp: 758848
 Ion Ratio Lower Upper
 168 100
 139 41.8 30.1 45.1
 169 14.0 10.9 16.3

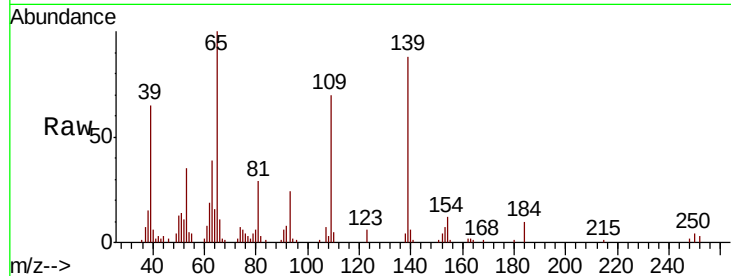




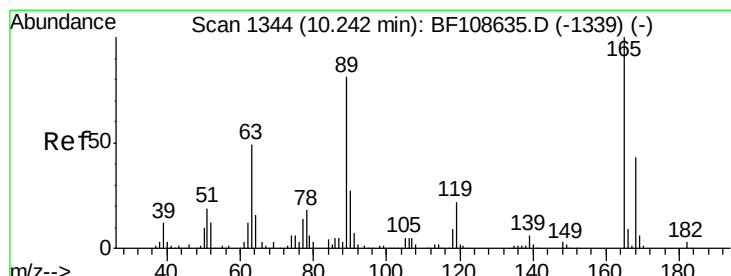
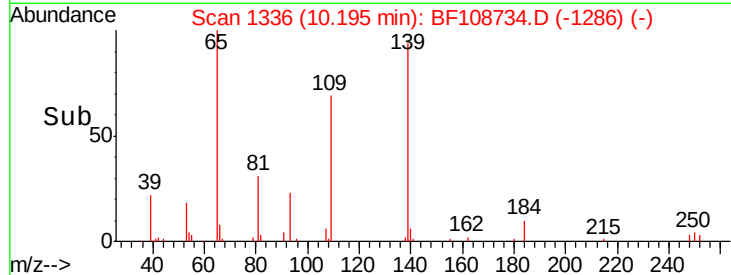
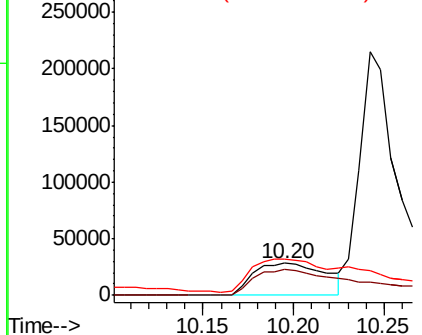
#55
4-Nitrophenol
Concen: 33.838 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 78502
Ion Ratio Lower Upper
139 100
109 79.7 48.4 88.4
65 114.0 72.6 112.6#

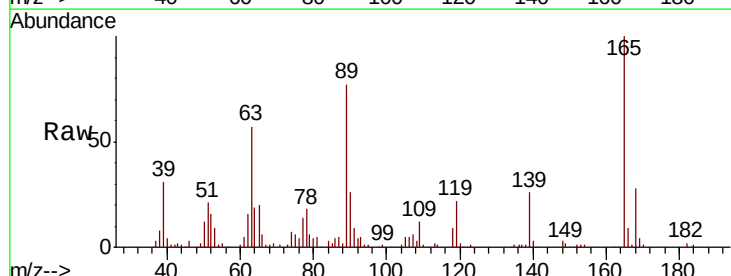


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

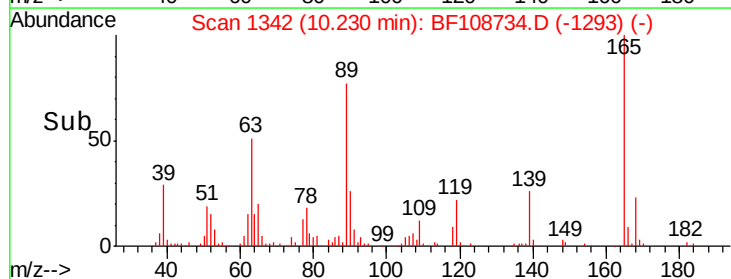
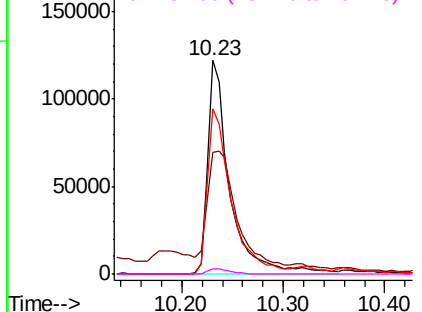


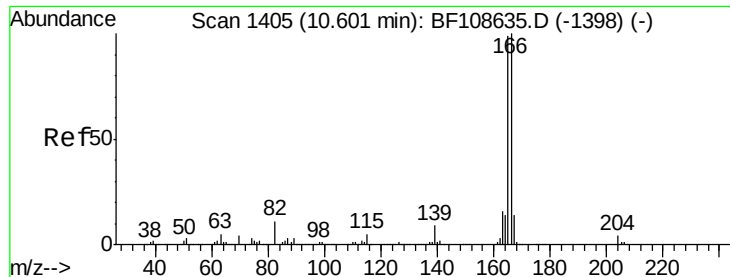
#56
2,4-Dinitrotoluene
Concen: 37.710 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:165 Resp: 183695
Ion Ratio Lower Upper
165 100
63 56.9 36.4 54.6#
89 77.2 57.8 86.6
182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 37.971 ng

RT: 10.59 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampled :

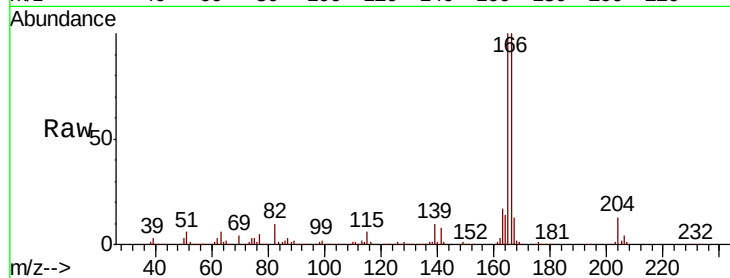
Tot Ion:166 Resp: 582237

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

167 13.5 10.6 16.0

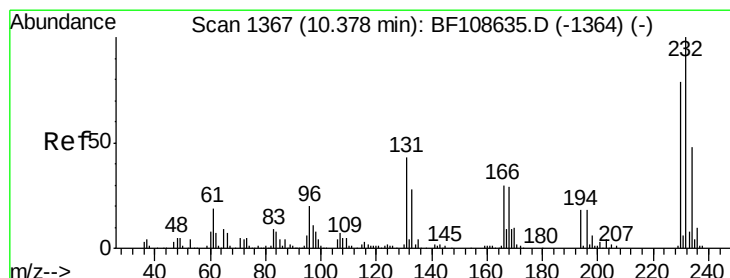
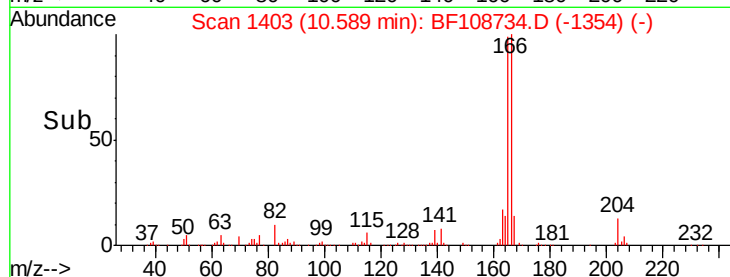
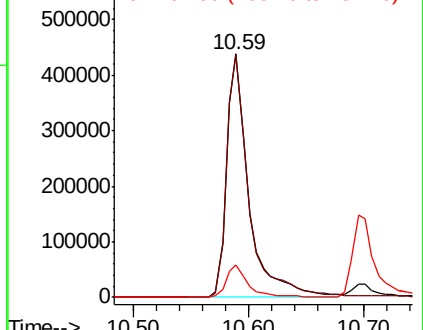


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.993 ng

RT: 10.37 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Tgt Ion:232 Resp: 186166

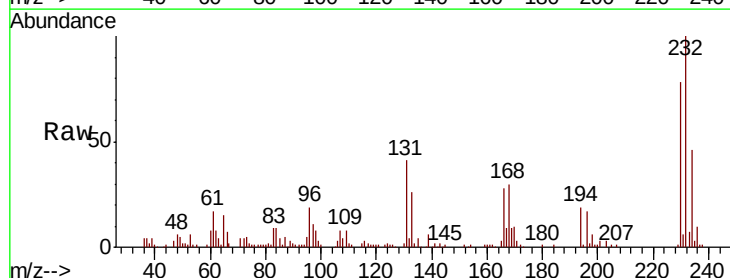
Ion Ratio Lower Upper

232 100

131 42.0 43.8 65.8#

130 1.7 2.1 3.1#

166 27.0 27.8 41.6#



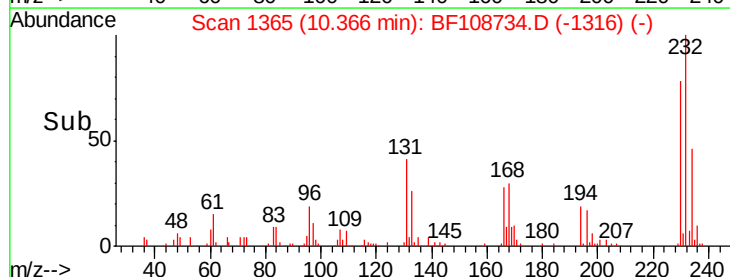
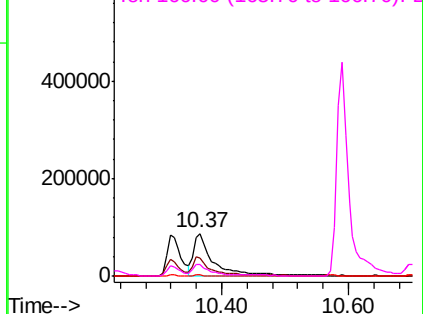
Abundance

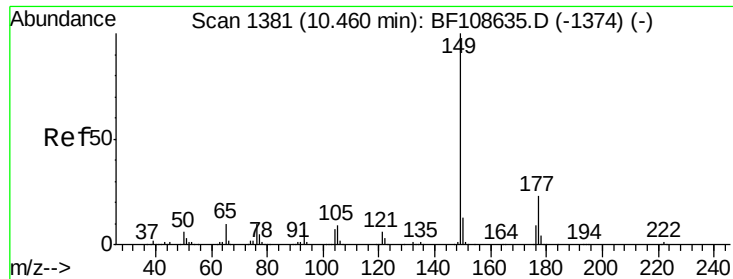
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

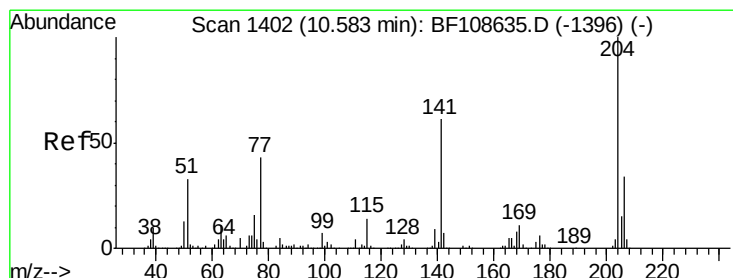
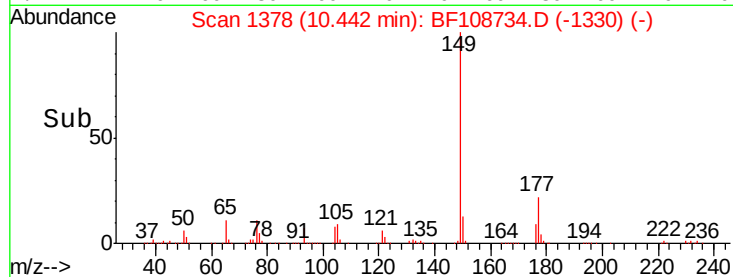
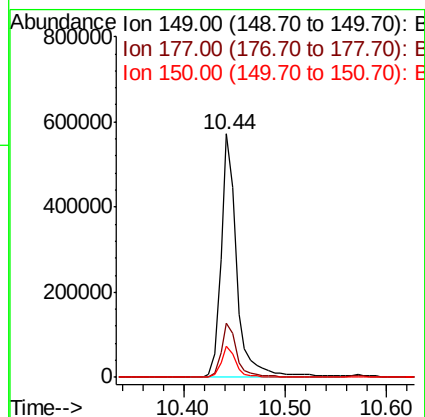
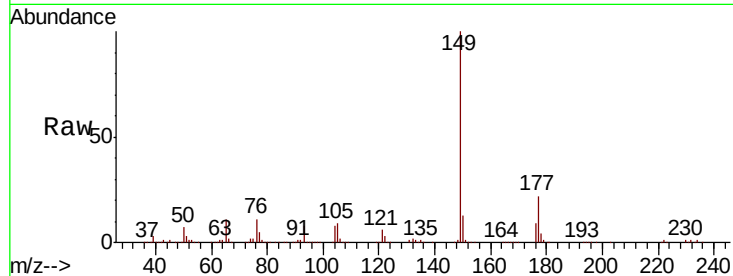




#59
Diethylphthalate
Concen: 36.753 ng
RT: 10.44 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

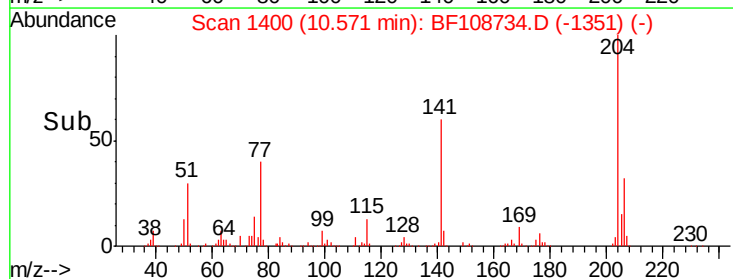
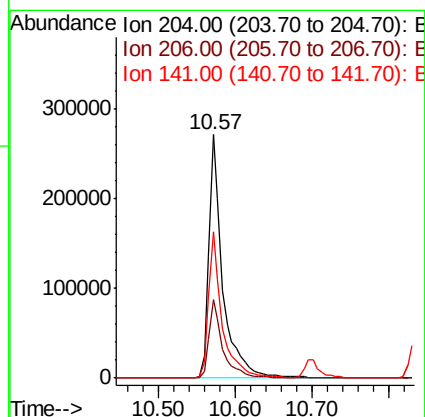
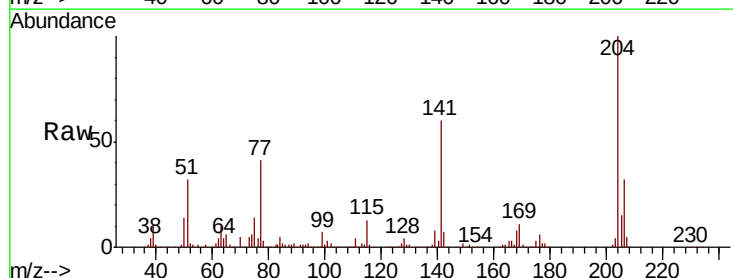
Instrument :
BNA_F
ClientSampleId :

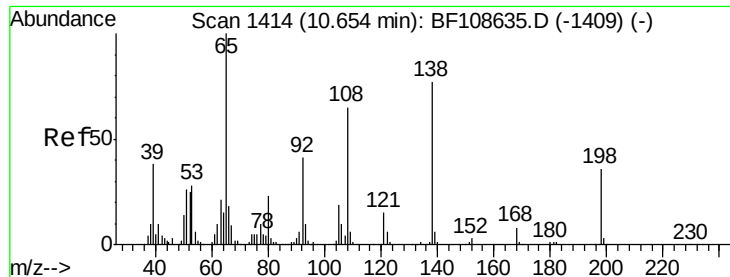
Tot Ion:149 Resp: 618011
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.915 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:204 Resp: 338604
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 60.1 54.6 81.8

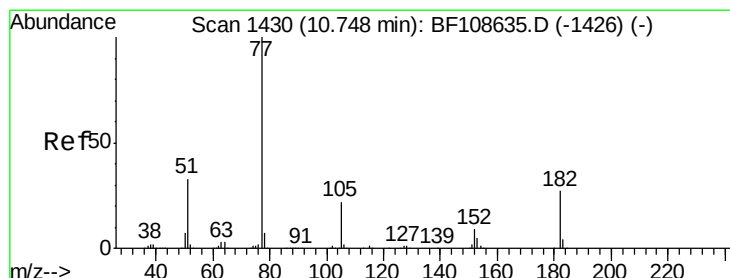
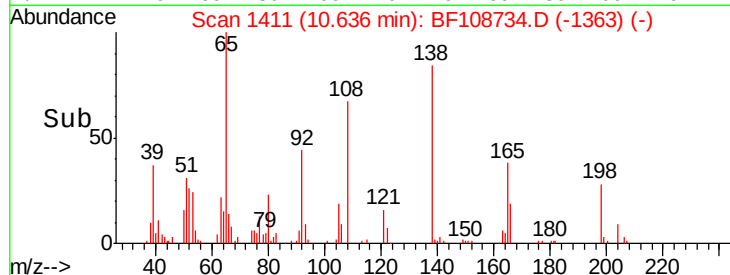
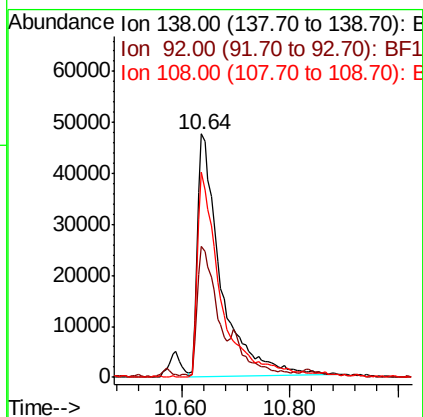
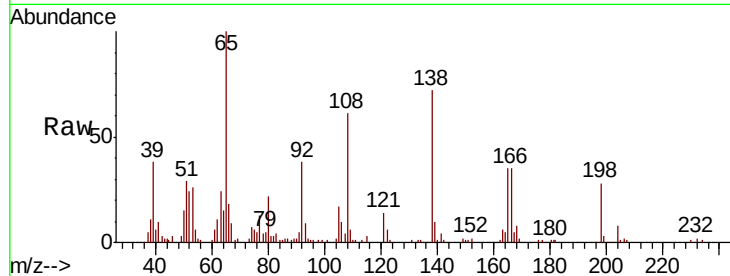




#61
4-Nitroaniline
Concen: 37.253 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

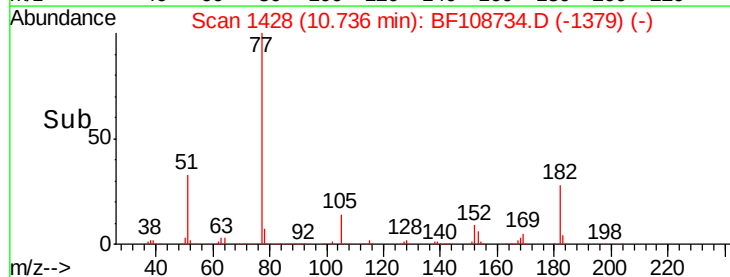
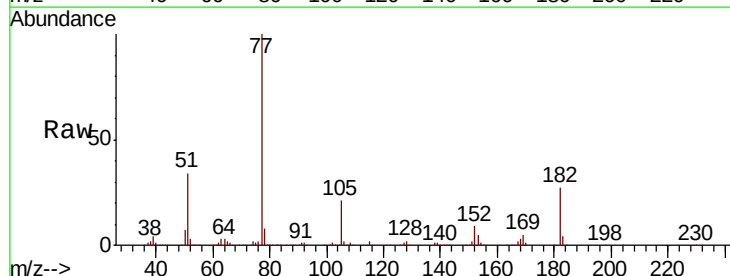
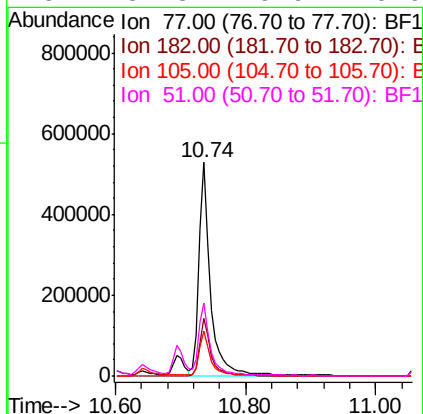
Instrument :
BNA_F
ClientSampleId :

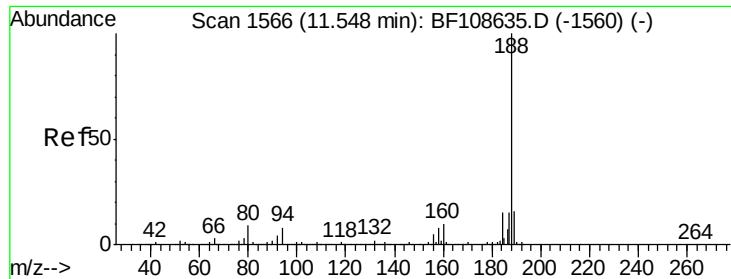
Tot Ion:138 Resp: 143468
Ion Ratio Lower Upper
138 100
92 53.6 30.2 70.2
108 84.5 52.5 92.5



#62
Azobenzene
Concen: 38.684 ng
RT: 10.74 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion: 77 Resp: 646550
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 21.1 3.0 43.0
51 34.3 9.9 49.9

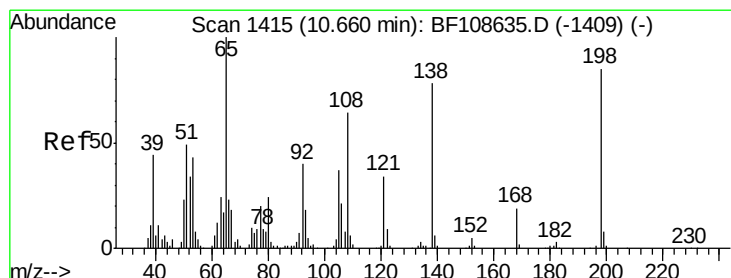
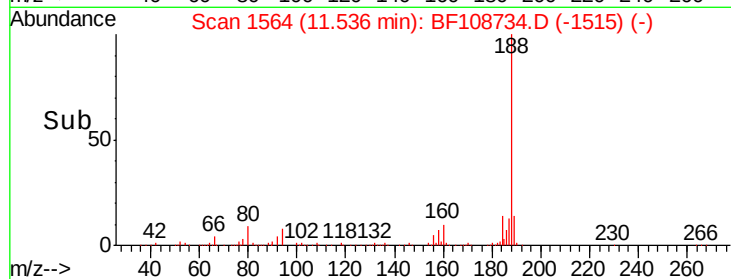
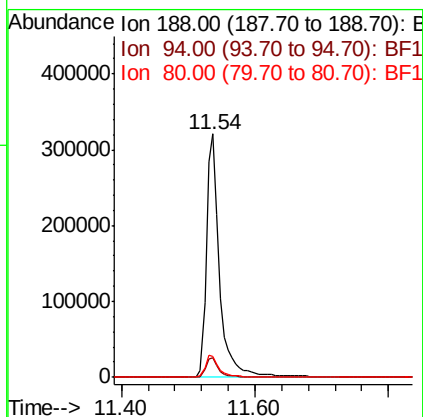
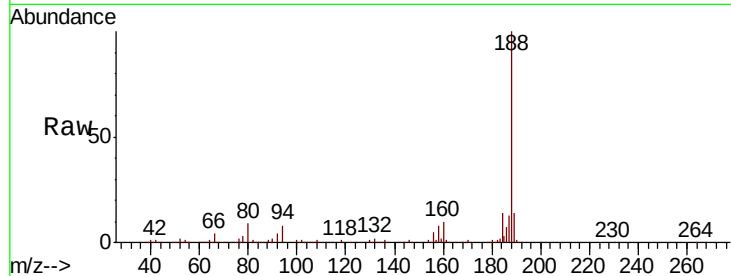




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

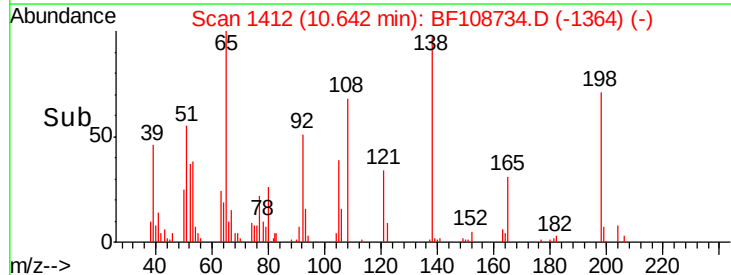
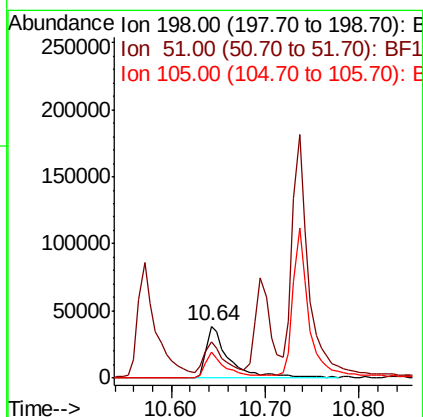
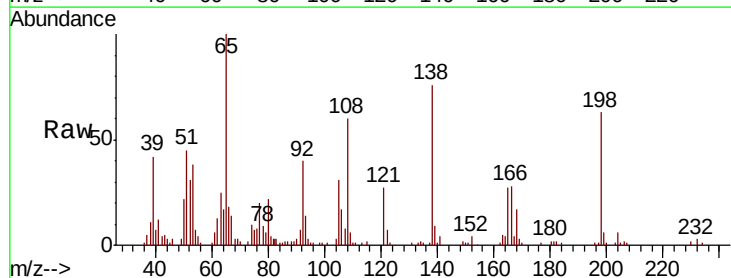
Instrument :
BNA_F
ClientSampleId :

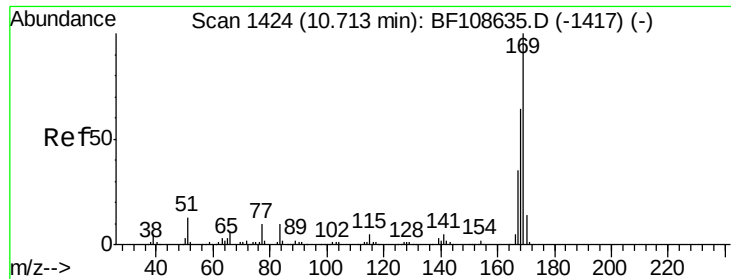
Tot Ion:188 Resp: 441195
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.7 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.253 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:198 Resp: 67055
Ion Ratio Lower Upper
198 100
51 70.8 37.7 77.7
105 49.2 36.3 76.3

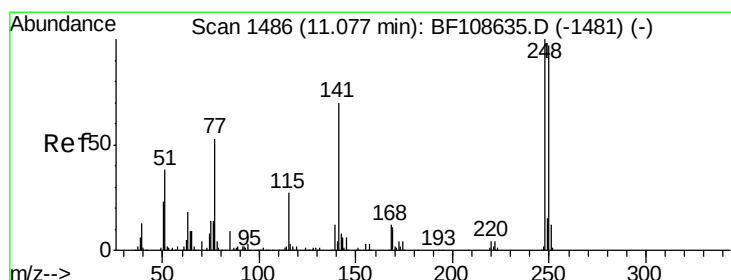
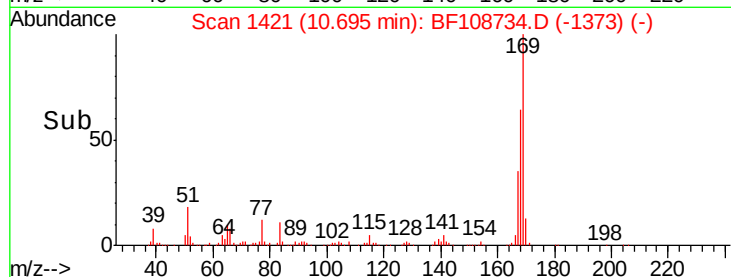
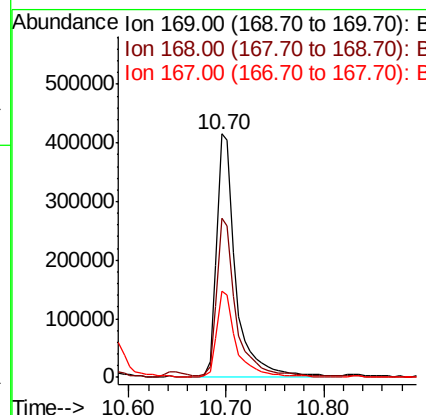
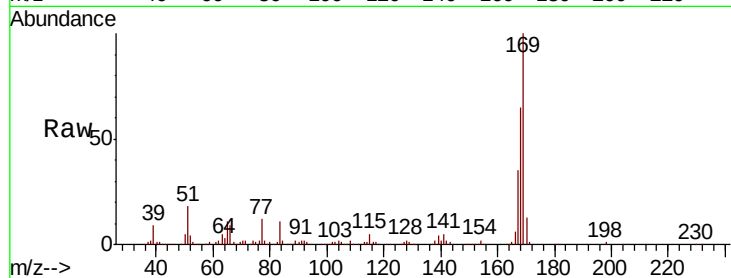




#65
 n-Nitrosodiphenylamine
 Concen: 38.801 ng
 RT: 10.70 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

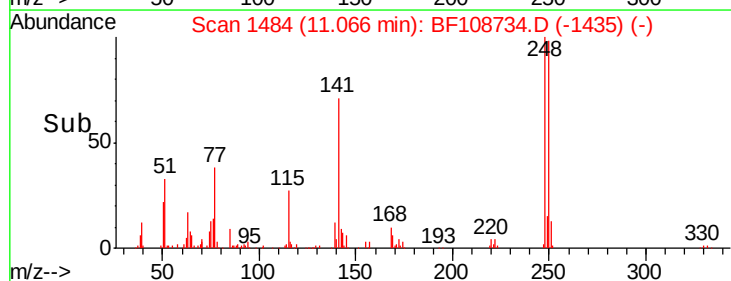
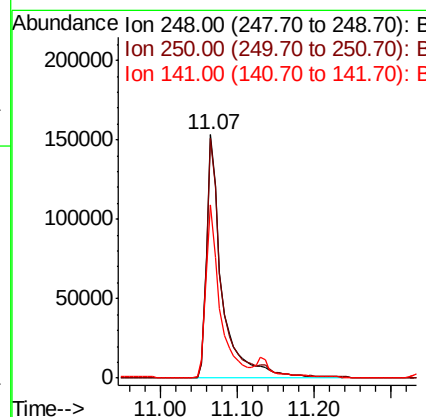
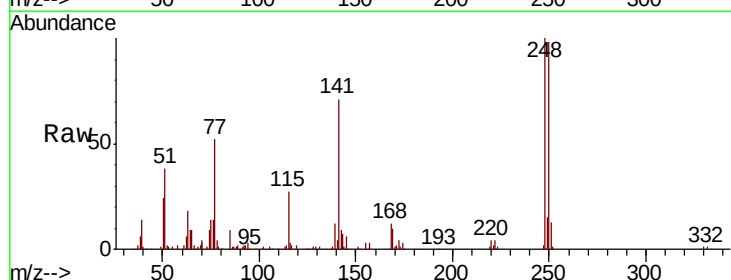
Instrument :
 BNA_F
 ClientSampleId :

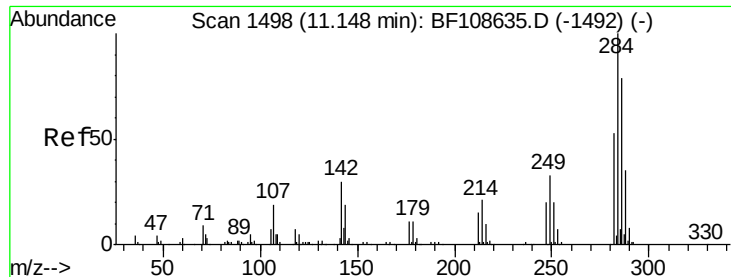
Tot Ion	169	Resp	568749
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	65.3		
167	35.5		



#66
 4-Bromophenyl-phenylether
 Concen: 39.961 ng
 RT: 11.07 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion	248	Resp	216683
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	98.2		
141	71.3		

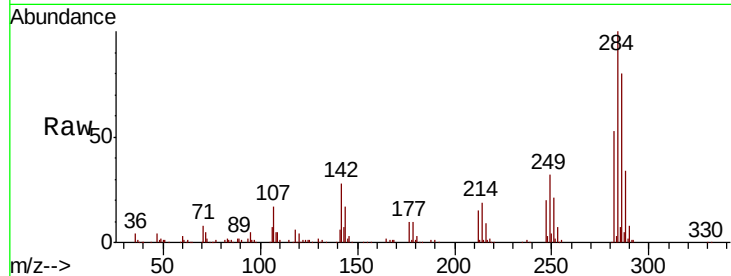




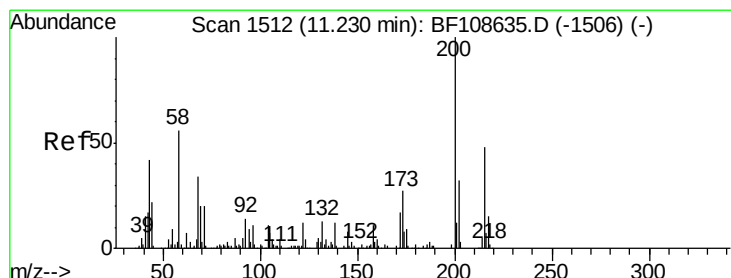
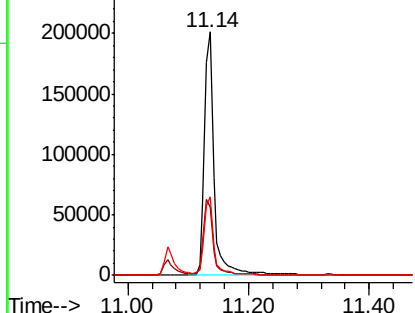
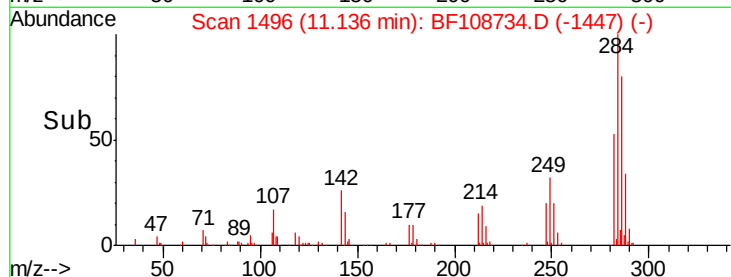
#67
Hexachlorobenzene
Concen: 38.991 ng
RT: 11.14 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.9	34.6	52.0#
249	32.2	24.8	37.2

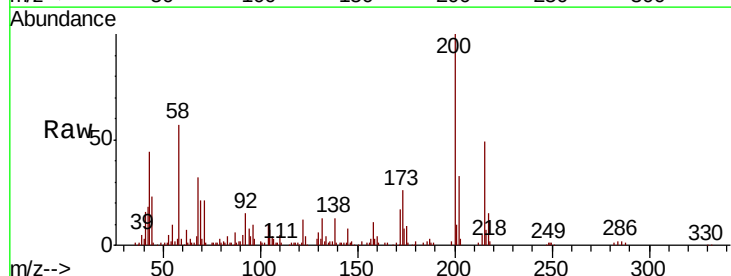


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

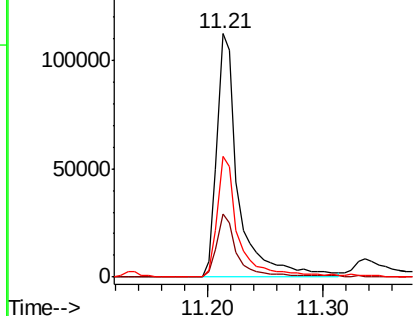
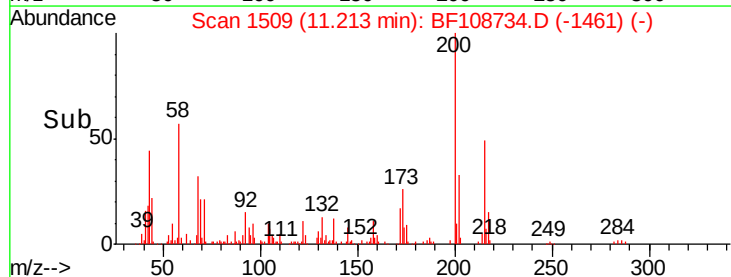


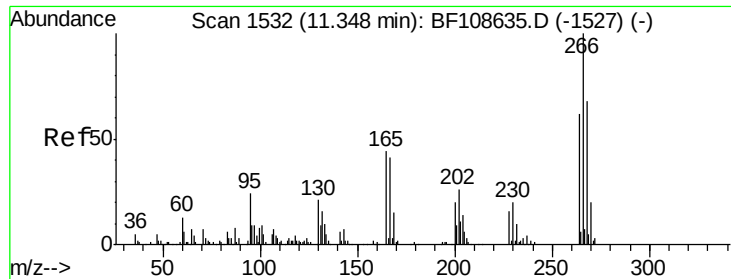
#68
Atrazine
Concen: 32.445 ng
RT: 11.21 min Scan# 1509
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.9	8.6	48.6
215	49.4	25.1	65.1



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

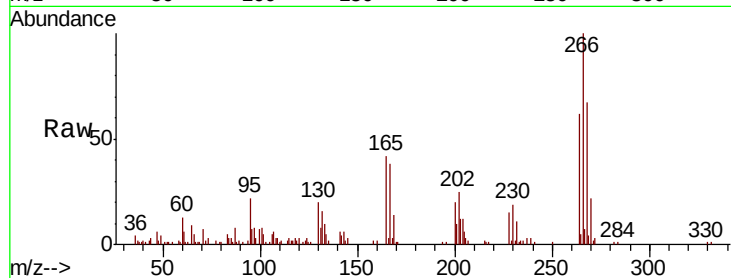




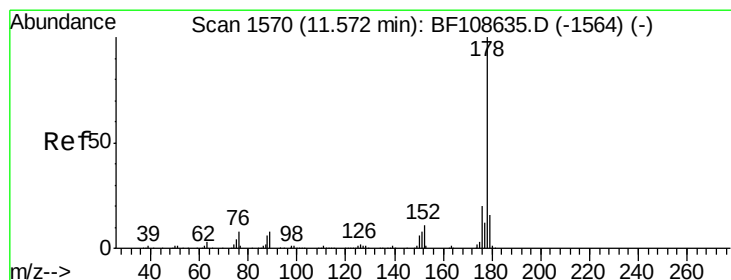
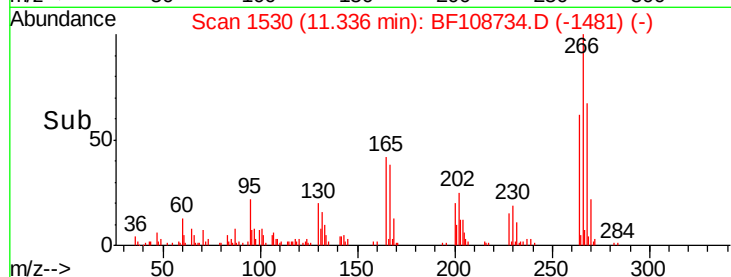
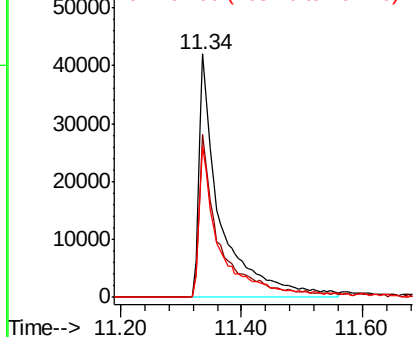
#69
 Pentachlorophenol
 Concen: 33.456 ng
 RT: 11.34 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 103853
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 62.1 49.5 74.3

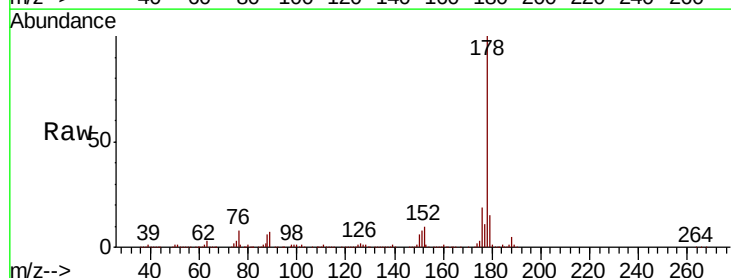


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

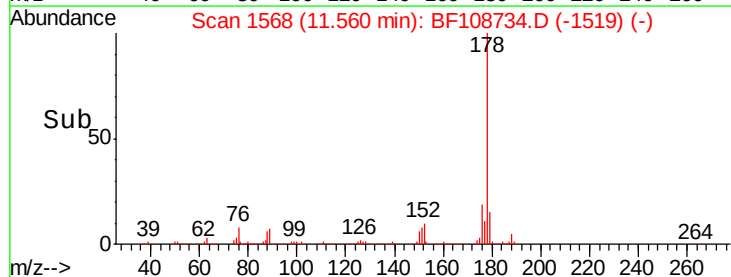
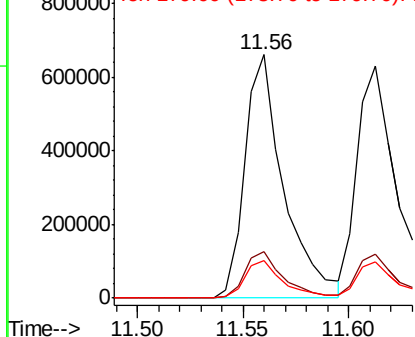


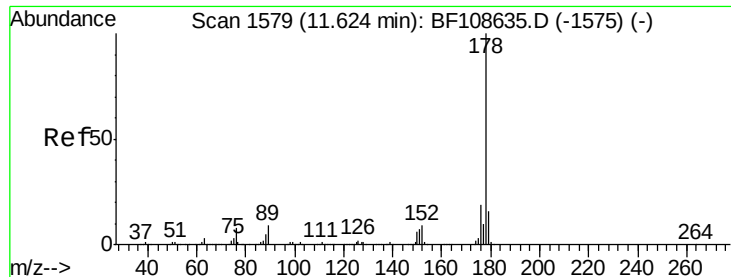
#70
 Phenanthrene
 Concen: 37.967 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion:178 Resp: 845500
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.4 13.0 19.6



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

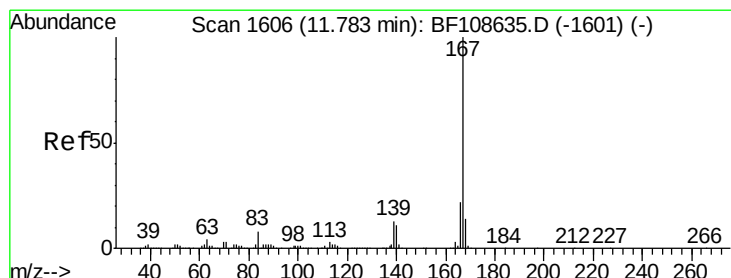
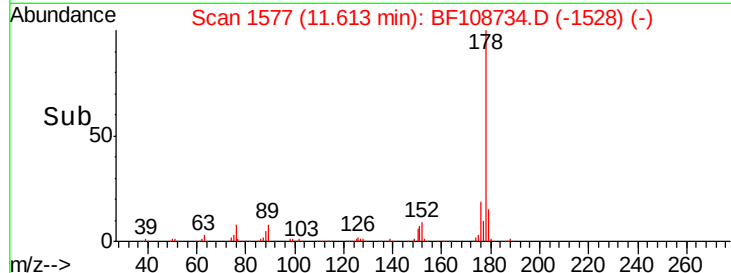
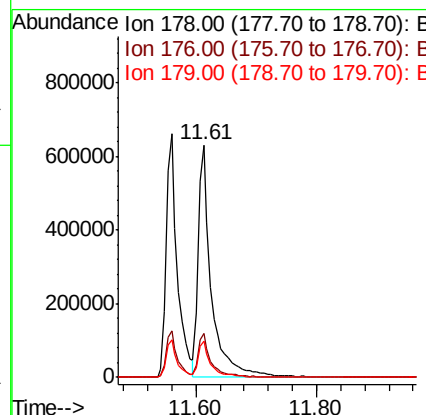
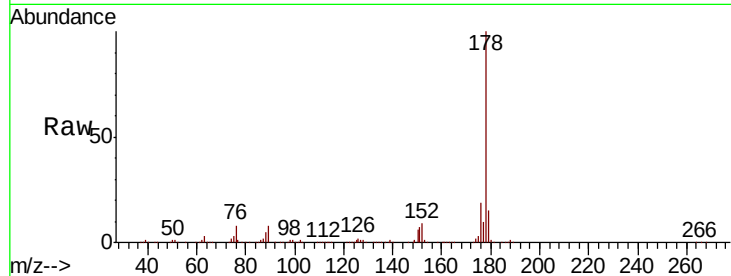




#71
 Anthracene
 Concen: 41.146 ng
 RT: 11.61 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

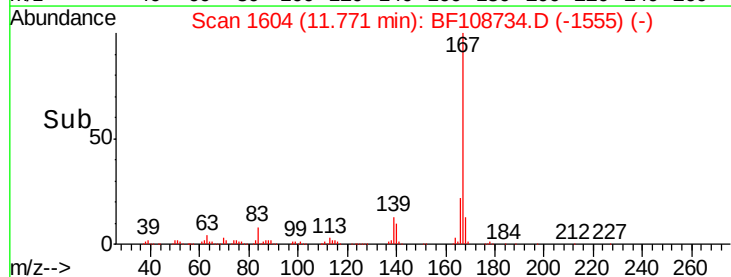
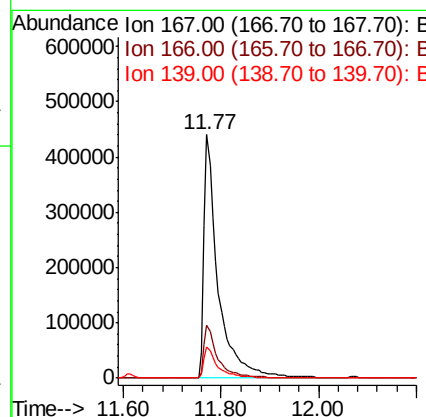
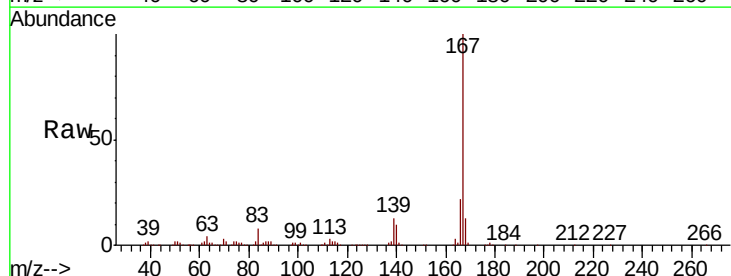
Instrument :
 BNA_F
 ClientSampleId :

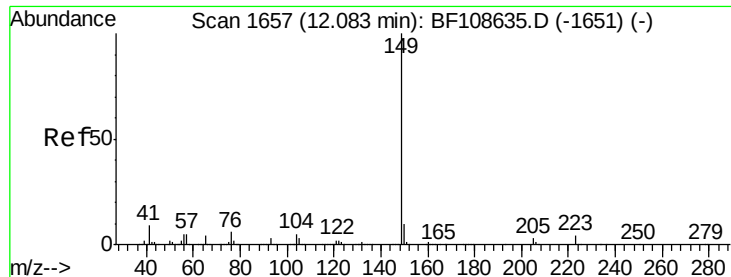
Tot Ion:178 Resp: 962788
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 39.541 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion:167 Resp: 894627
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.620 ng

RT: 12.07 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

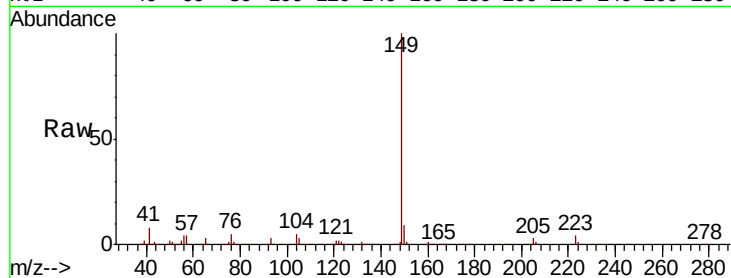
Tot Ion:149 Resp: 979281

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

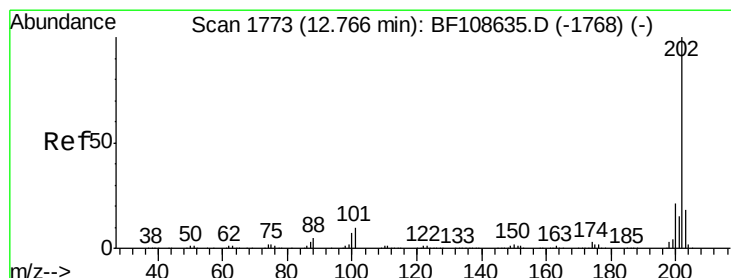
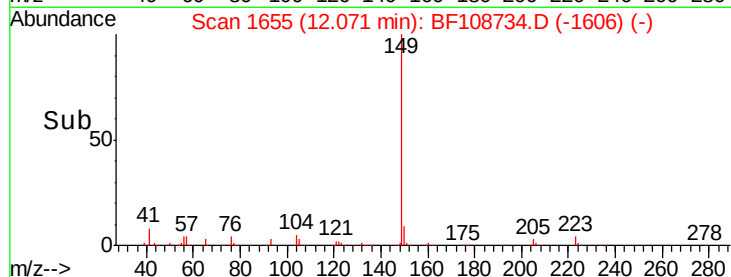
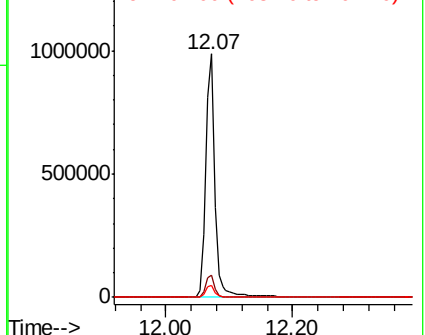
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.676 ng

RT: 12.75 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

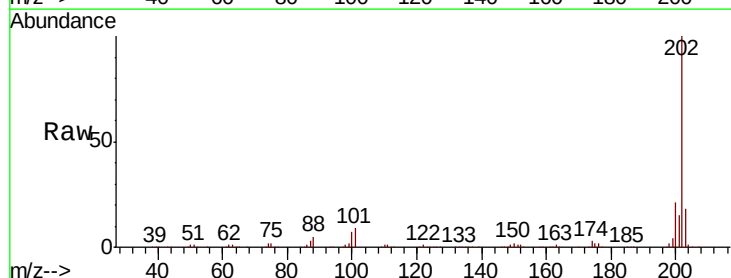
Tgt Ion:202 Resp: 969472

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.1

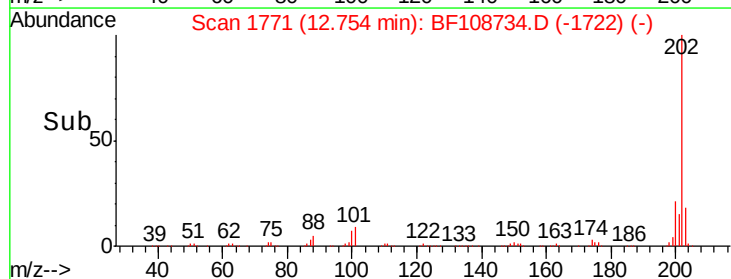
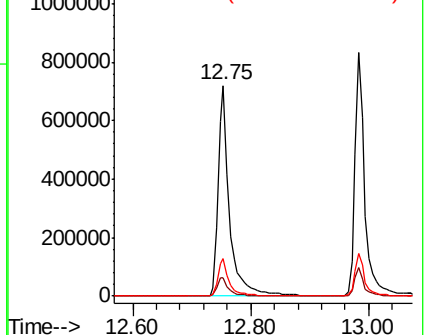
203 17.7 0.0 38.1

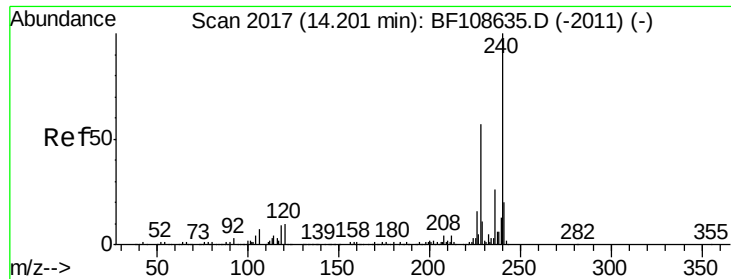


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

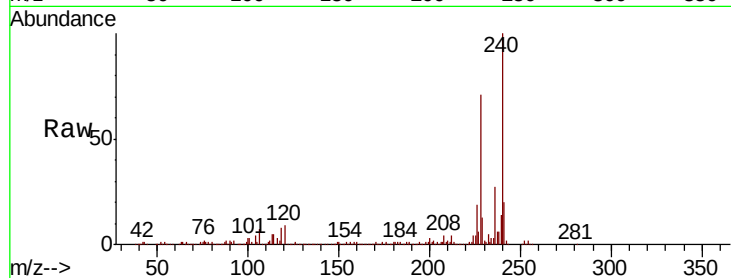
Tot Ion:240 Resp: 334112

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

236 27.1 20.7 31.1

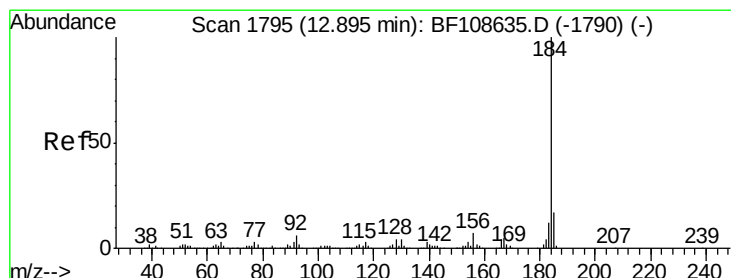
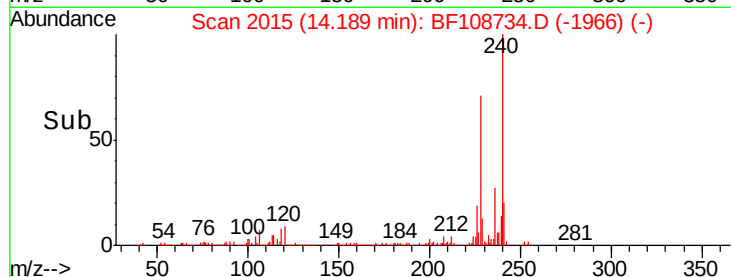
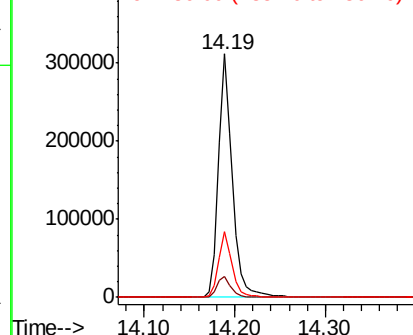


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.567 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

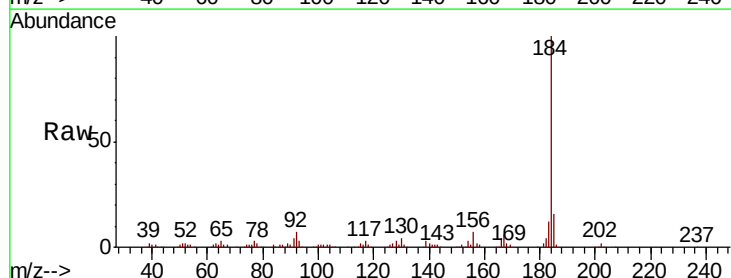
Tgt Ion:184 Resp: 419141

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

183 11.8 9.3 13.9

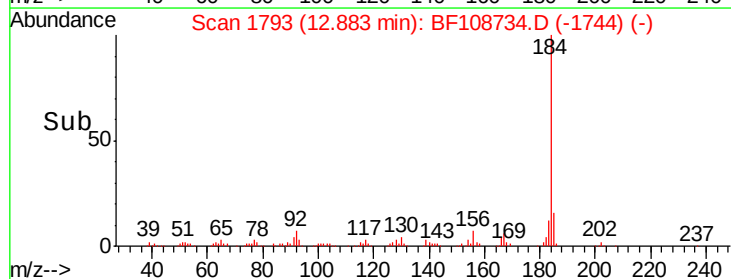
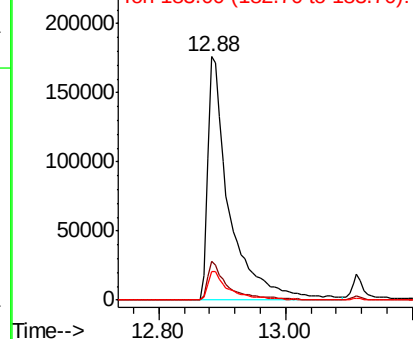


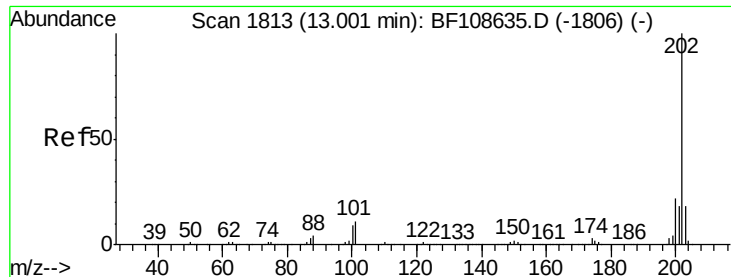
Abundance

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

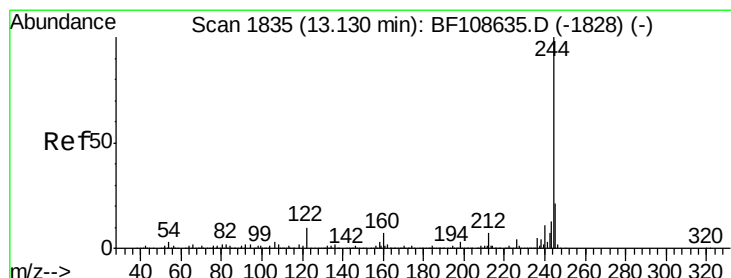
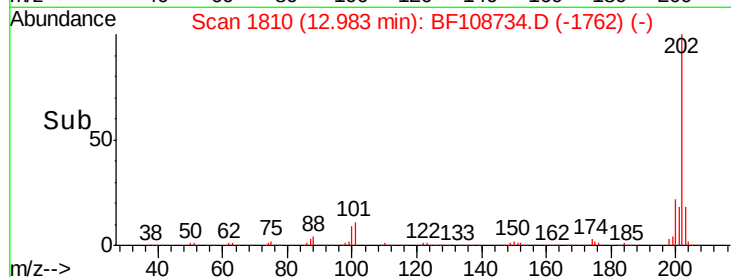
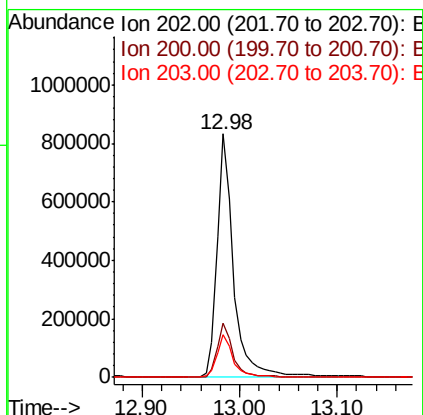
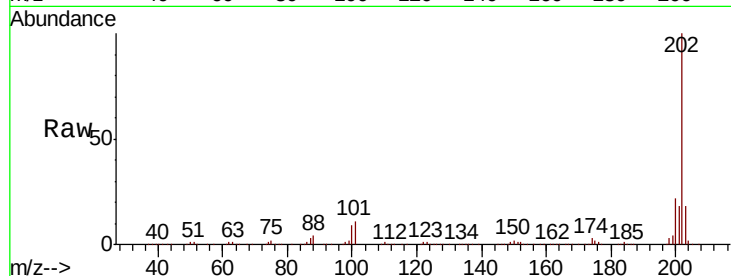




#77
 Pvrene
 Concen: 38.494 ng
 RT: 12.98 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

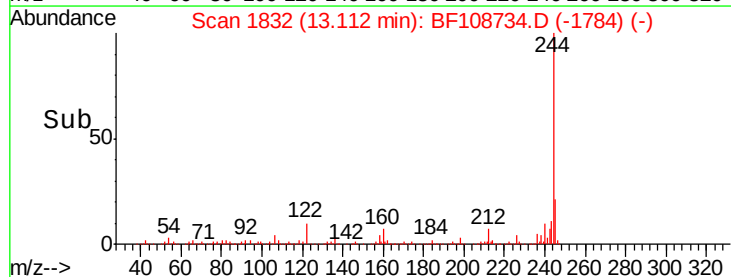
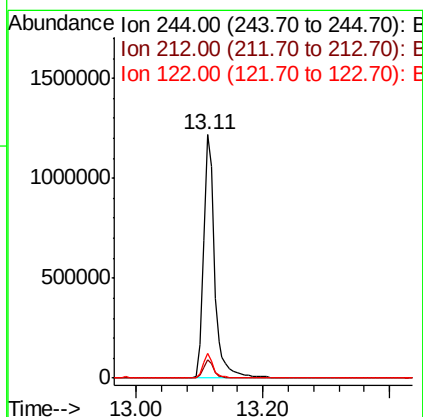
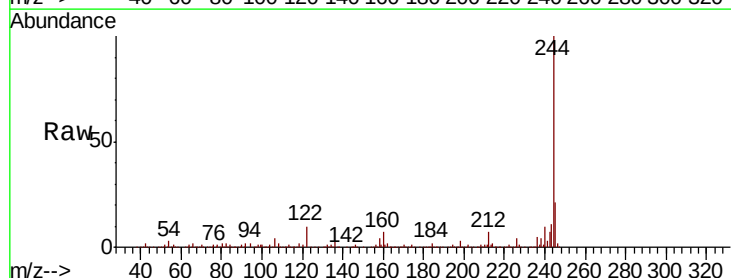
Instrument :
 BNA_F
 ClientSampleId :

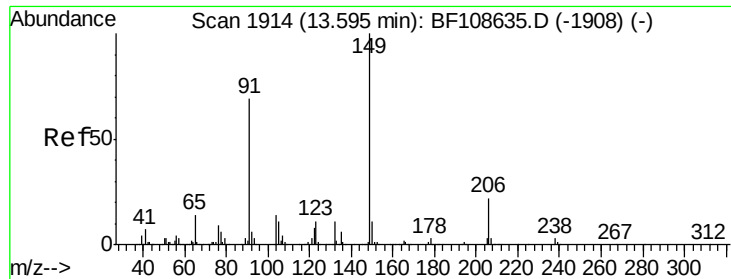
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.7	14.3	21.5



#78
 Terphenyl-d14
 Concen: 85.000 ng
 RT: 13.11 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF108734.D
 Acq: 4 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.2	11.0	16.4

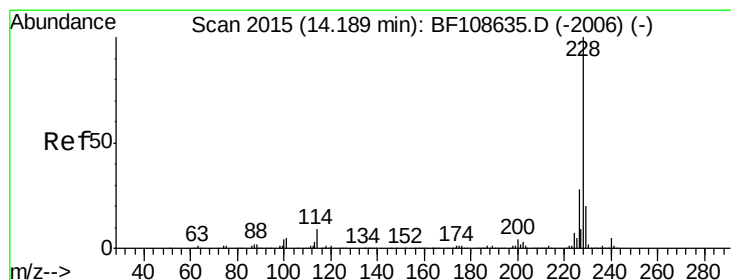
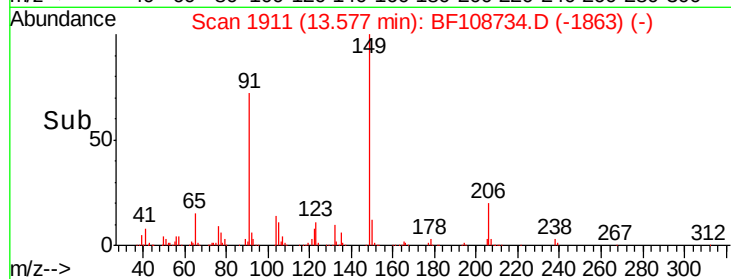
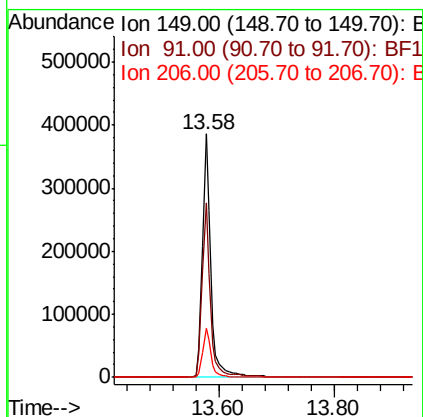
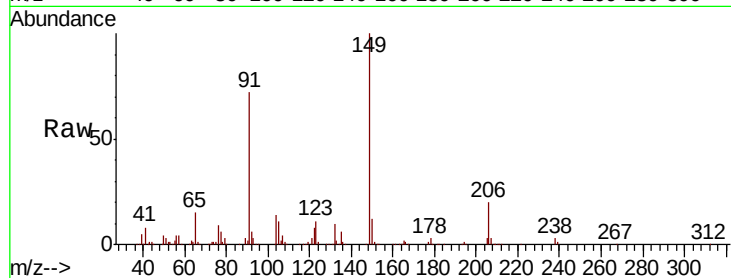




#79
Butylbenzylphthalate
Concen: 37.905 ng
RT: 13.58 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

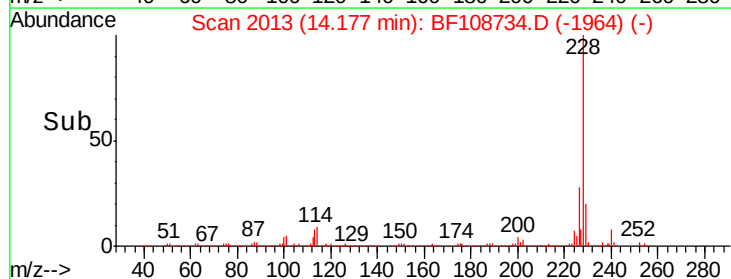
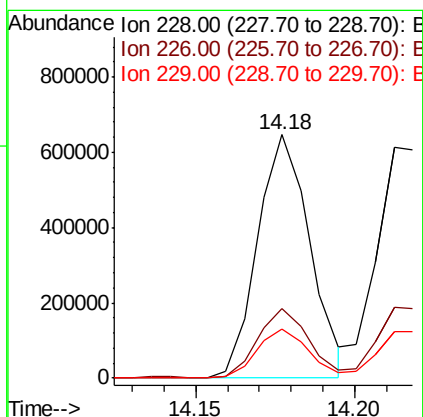
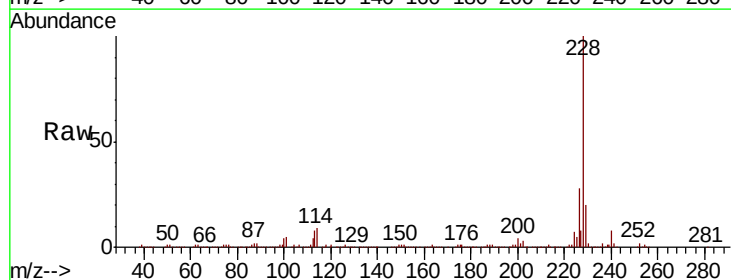
Instrument :
BNA_F
ClientSampled :

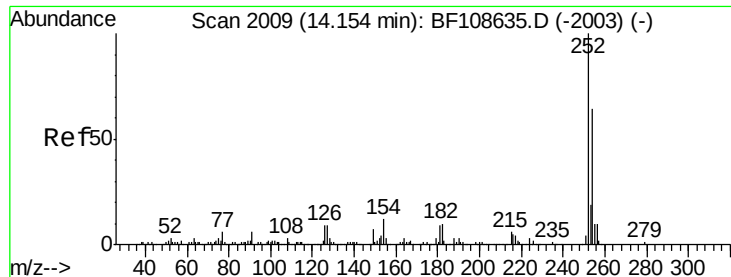
Tot Ion:149 Resp: 400318
Ion Ratio Lower Upper
149 100
91 71.7 56.8 85.2
206 20.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.501 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion:228 Resp: 743461
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 40.487 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

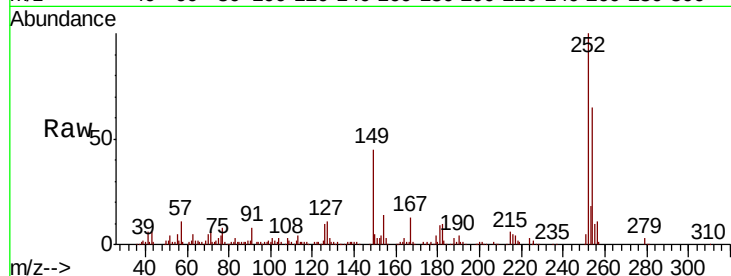
Tot Ion:252 Resp: 299066

Ion Ratio Lower Upper

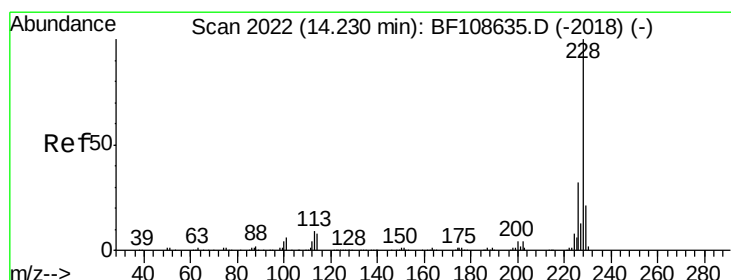
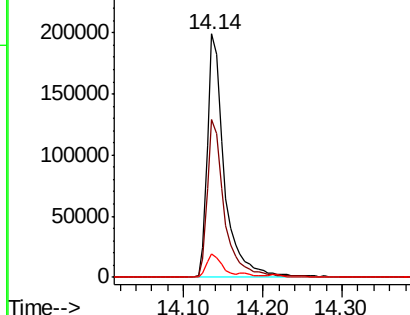
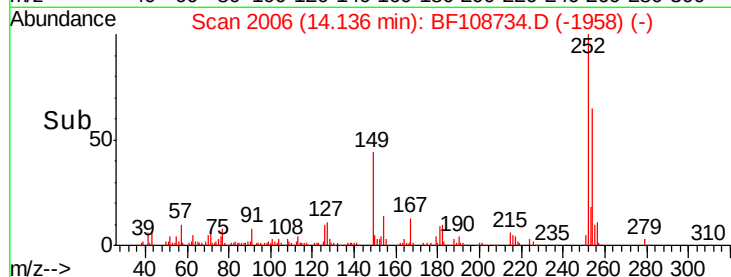
252 100

254 64.6 50.4 75.6

126 9.6 11.3 16.9#



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



#82

Chrysene

Concen: 40.361 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

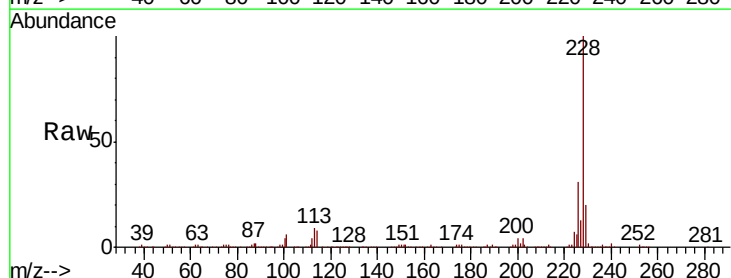
Tgt Ion:228 Resp: 790579

Ion Ratio Lower Upper

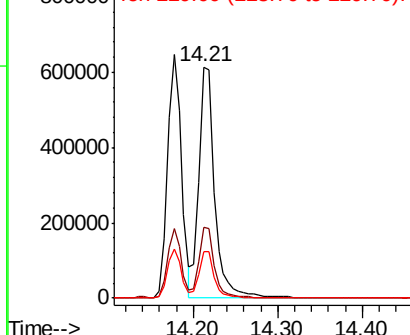
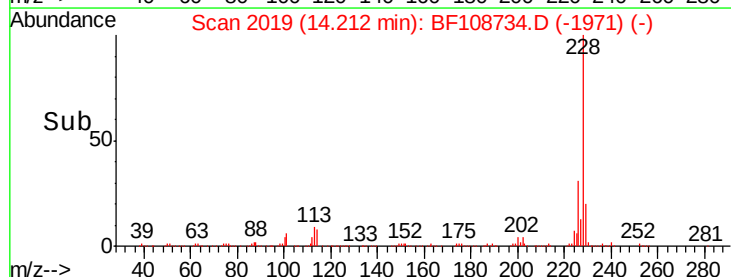
228 100

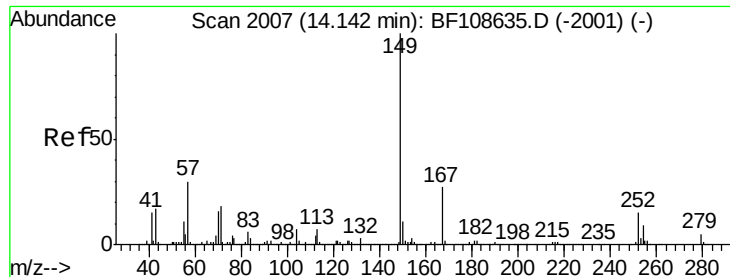
226 30.7 25.0 37.6

229 20.1 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.833 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

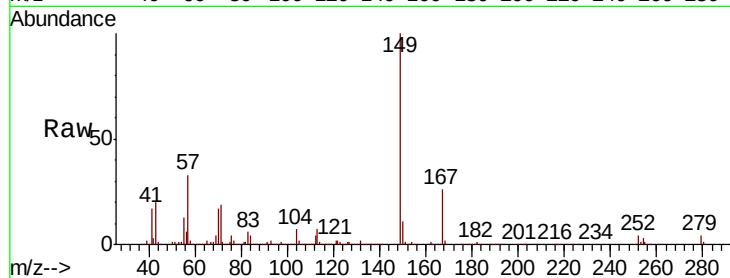
Tot Ion:149 Resp: 513579

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

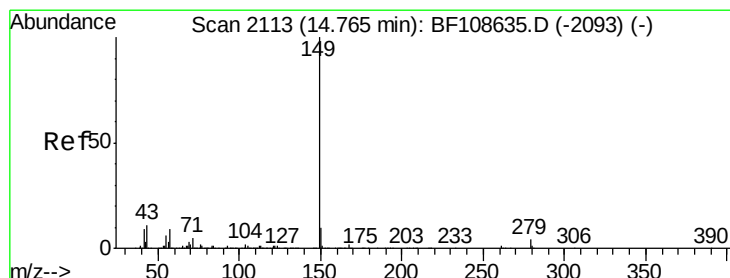
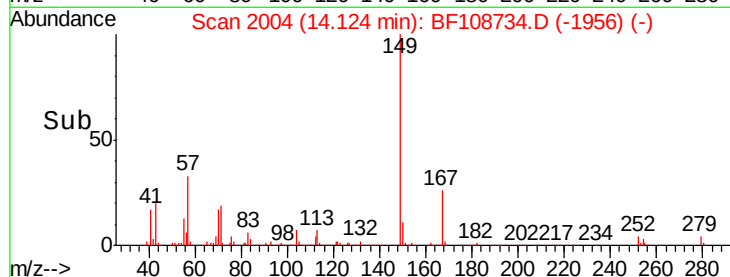
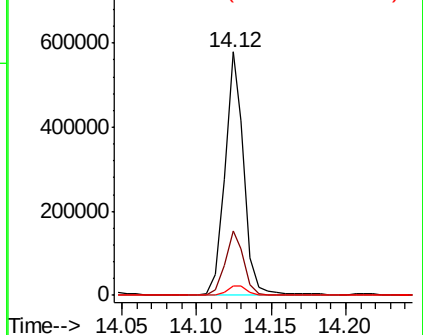
279 3.9 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 38.211 ng

RT: 14.75 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

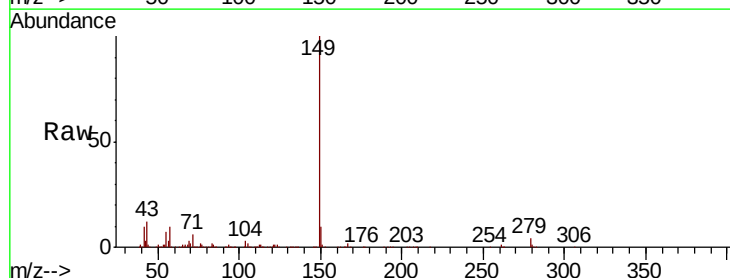
Tgt Ion:149 Resp: 762638

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

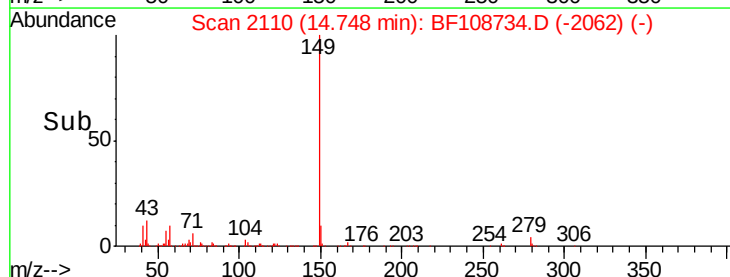
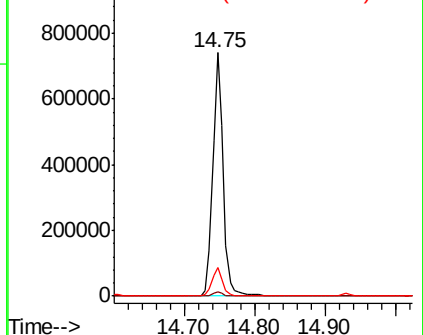
43 11.7 8.4 12.6

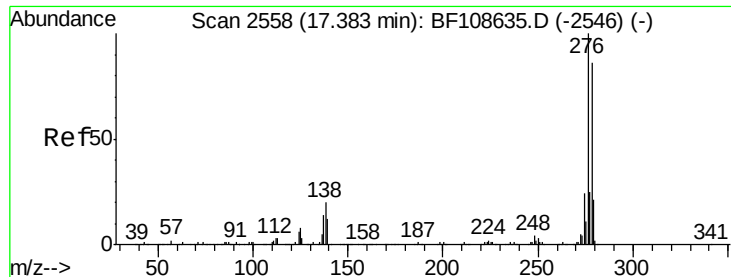


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

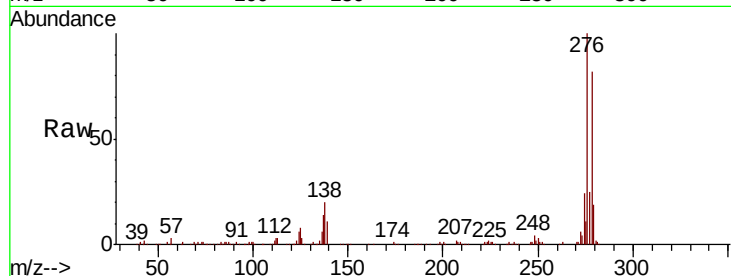




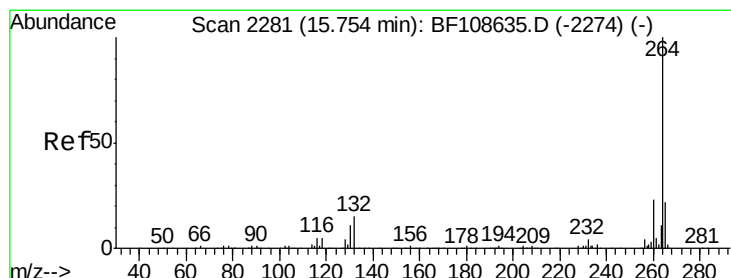
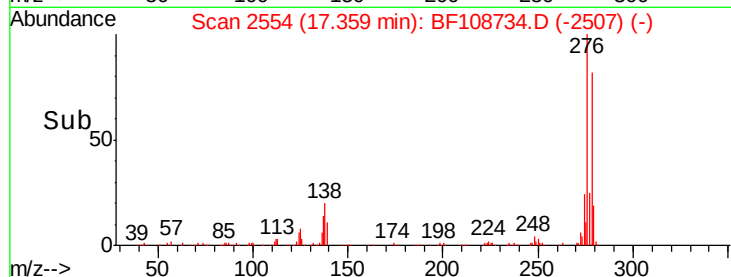
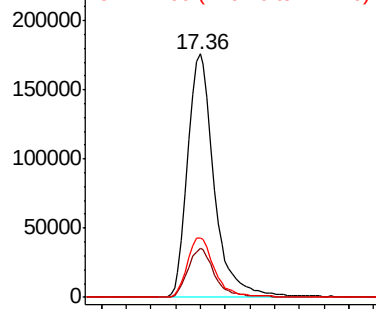
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.622 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	25.2	20.1	30.1

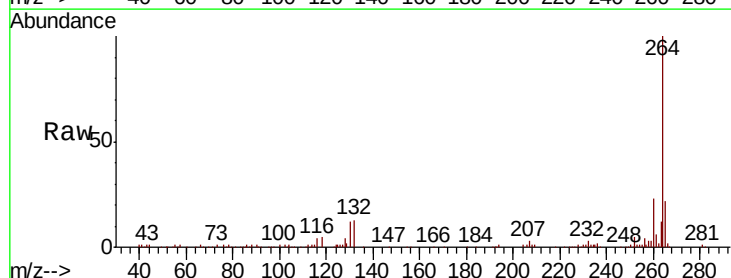


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

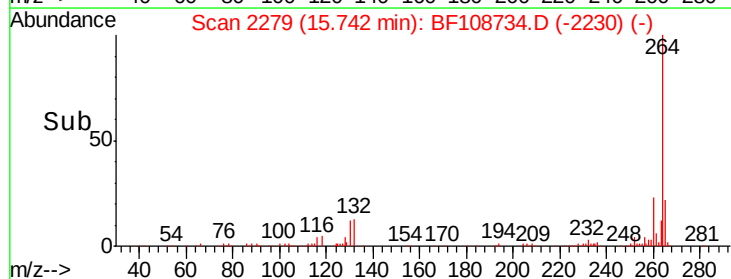
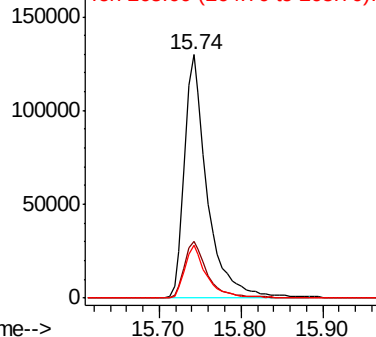


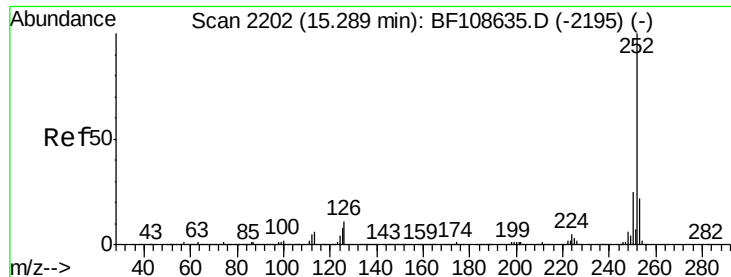
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108734.D
Acq: 4 Sep 2018 12:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 34.756 ng

RT: 15.28 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

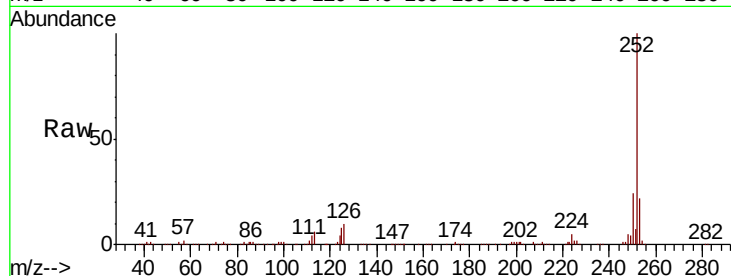
Tot Ion:252 Resp: 539297

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

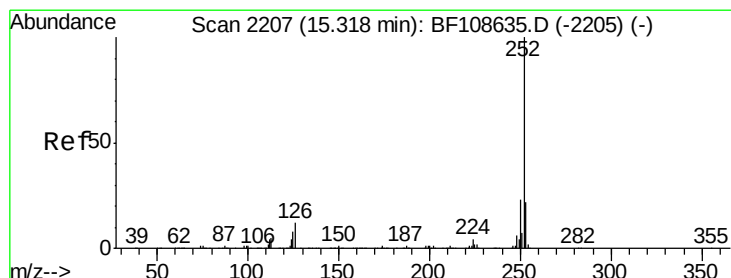
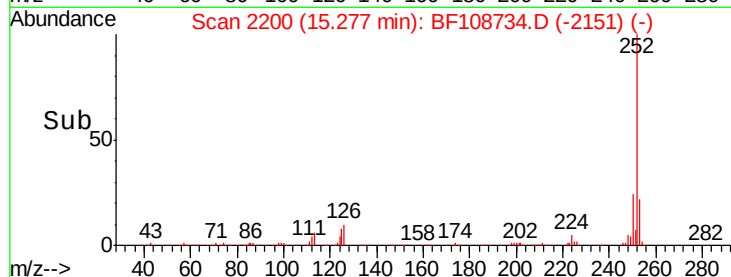
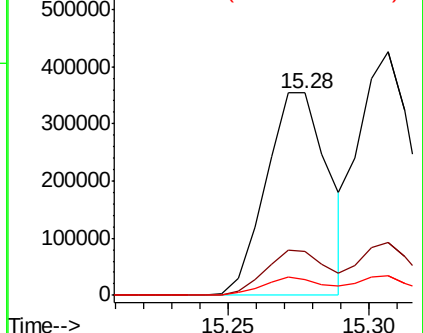
125 7.8 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 43.289 ng

RT: 15.31 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

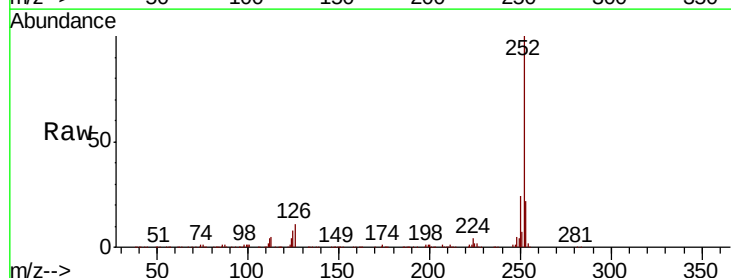
Tgt Ion:252 Resp: 665391

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

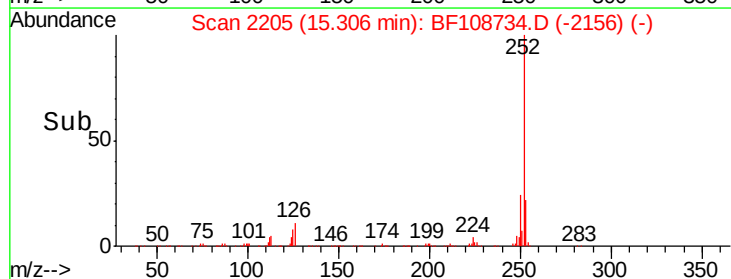
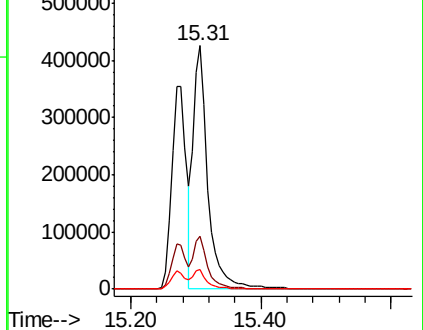
125 8.2 10.2 15.2#

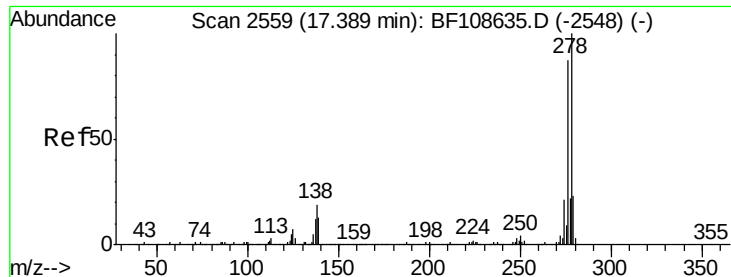


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 40.123 ng

RT: 17.37 min Scan# 2555

Delta R.T. -0.02 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

Instrument :

BNA_F

ClientSampleId :

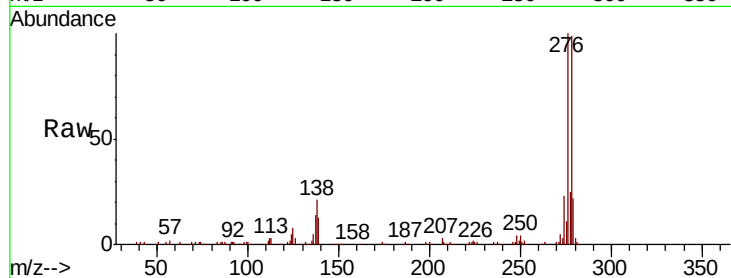
Tot Ion:278 Resp: 449351

Ion Ratio Lower Upper

278 100

139 13.1 15.9 23.9#

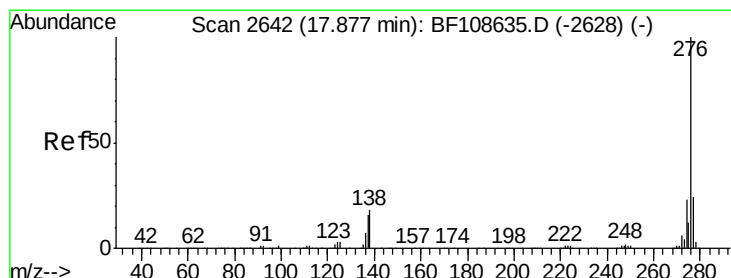
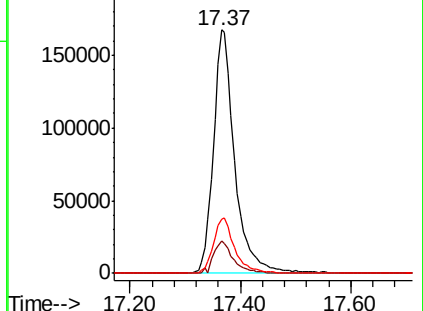
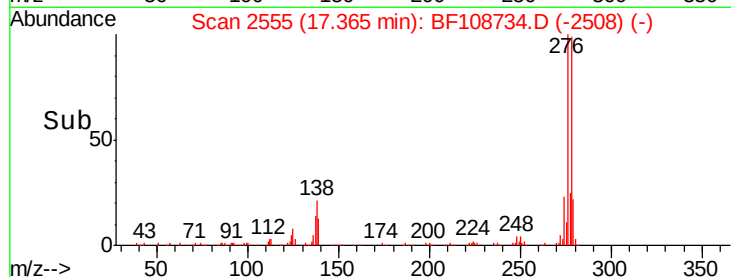
279 22.2 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 39.121 ng

RT: 17.85 min Scan# 2637

Delta R.T. -0.03 min

Lab File: BF108734.D

Acq: 4 Sep 2018 12:17

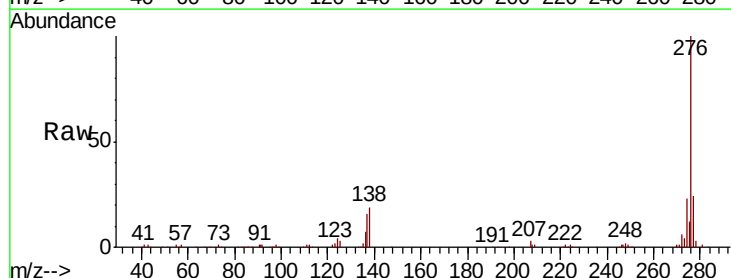
Tgt Ion:276 Resp: 425825

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 18.8 21.8 32.8#



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

