

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109887.D
 Acq On : 15 Oct 2018 19:00
 Operator : JU/SJ
 Sample : PB113836BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:23:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	247227	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	958215	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	427592	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	743254	20.00	ng	0.00
76) Chrysene-d12	14.15	240	465431	20.00	ng	0.00
87) Perylene-d12	15.67	264	527808	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1607023	103.04	ng	0.01
7) Phenol-d6	6.60	99	2062396	106.49	ng	0.00
23) Nitrobenzene-d5	7.54	82	1238976	87.10	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	449557	121.44	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2181123	81.39	ng	0.00
79) Terphenyl-d14	13.09	244	1758149	79.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	261335	29.501	ng	90
3) Pyridine	3.66	79	752266	38.091	ng	88
4) n-Nitrosodimethylamine	3.62	42	361970	44.930	ng	# 99
6) Aniline	6.65	93	424446	16.263	ng	# 52
8) 2-Chlorophenol	6.76	128	719881	41.205	ng	98
9) Benzaldehyde	6.53	77	356827	28.352	ng	97
10) Phenol	6.61	94	838182	40.086	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	695294	39.769	ng	92
12) 1,3-Dichlorobenzene	6.92	146	758722	39.605	ng	97
13) 1,4-Dichlorobenzene	7.00	146	762473	39.520	ng	98
14) 1,2-Dichlorobenzene	7.15	146	715165	40.255	ng	98
15) Benzyl Alcohol	7.12	79	626767	42.066	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1160059	40.426	ng	67
17) 2-Methylphenol	7.22	107	596577	42.347	ng	# 82
18) Hexachloroethane	7.49	117	284031	41.659	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	486808	39.148	ng	94
20) 3+4-Methylphenols	7.37	107	734698	41.097	ng	# 88
22) Acetophenone	7.39	105	963483	43.358	ng	# 97
24) Nitrobenzene	7.56	77	721839	46.713	ng	96
25) Isophorone	7.80	82	1369403	48.995	ng	95
26) 2-Nitrophenol	7.87	139	335957	52.436	ng	93
27) 2,4-Dimethylphenol	7.90	122	675866	50.204	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	879905	45.872	ng	100
29) 2,4-Dichlorophenol	8.11	162	596378	45.665	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	627383	42.905	ng	96
31) Naphthalene	8.29	128	1998814	45.489	ng	99
32) Benzoic acid	7.99	122	200992	23.962	ng	89
33) 4-Chloroaniline	8.32	127	142602	7.220	ng	99
34) Hexachlorobutadiene	8.40	225	336829	41.772	ng	99
35) Caprolactam	8.73	113	61025	13.157	ng	88
36) 4-Chloro-3-methylphenol	8.80	107	621562	45.115	ng	97
37) 2-Methylnaphthalene	8.97	142	1374098	48.294	ng	98
38) 1-Methylnaphthalene	9.07	142	1303763	47.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	565477	42.936	ng	98

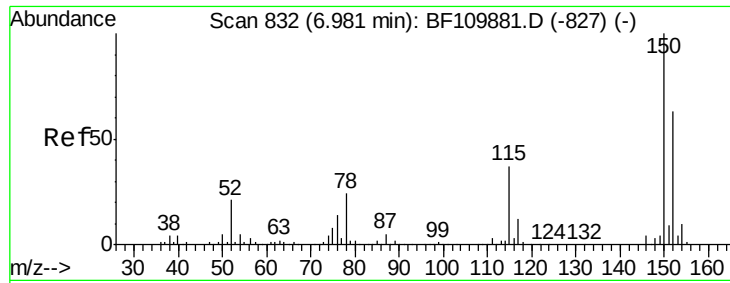
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	679158	106.841	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	397032	48.211	nq	99
44) 2,4,5-Trichlorophenol	9.29	196	408877	47.838	nq	94
46) 1,1'-Biphenyl	9.44	154	1623607	42.618	nq	98
47) 2-Chloronaphthalene	9.46	162	1235396	44.024	nq	98
48) 2-Nitroaniline	9.56	65	366949	50.954	nq	98
49) Acenaphthylene	9.89	152	1929846	47.339	nq	97
50) Dimethylphthalate	9.74	163	1379615	45.566	nq	100
51) 2,6-Dinitrotoluene	9.80	165	298744	51.949	nq	99
52) Acenaphthene	10.06	154	1235046	47.586	nq	97
53) 3-Nitroaniline	9.96	138	100859	14.418	nq	# 98
54) 2,4-Dinitrophenol	10.07	184	145241	79.362	nq	# 80
55) Dibenzofuran	10.23	168	1670730	45.138	nq	98
56) 4-Nitrophenol	10.12	139	495112	92.758	nq	88
57) 2,4-Dinitrotoluene	10.20	165	377884	51.636	nq	# 89
58) Fluorene	10.57	166	1268934	47.094	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	325933	48.116	nq	96
60) Diethylphthalate	10.44	149	1338532	44.761	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	599955	42.745	nq	99
62) 4-Nitroaniline	10.59	138	292218	44.129	nq	90
63) Azobenzene	10.72	77	1363352	43.640	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	115240	43.655	nq	97
66) n-Nitrosodiphenylamine	10.68	169	1126953	45.524	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	369540	45.877	nq	94
68) Hexachlorobenzene	11.12	284	389445	45.339	nq	# 92
69) Atrazine	11.20	200	356342	46.083	nq	98
70) Pentachlorophenol	11.31	266	348374	71.266	nq	97
71) Phenanthrene	11.54	178	1820991	47.325	nq	99
72) Anthracene	11.59	178	1851965	47.873	nq	99
73) Carbazole	11.74	167	1572646	41.364	nq	99
74) Di-n-butylphthalate	12.06	149	1836445	43.281	nq	99
75) Fluoranthene	12.73	202	1680149	43.709	nq	99
77) Benzidine	12.84	184	398405	22.326	nq	96
78) Pyrene	12.96	202	1650810	48.291	nq	100
80) Butylbenzylphthalate	13.56	149	650470	47.066	nq	98
81) Benzo(a)anthracene	14.14	228	1300293	47.430	nq	98
82) 3,3'-Dichlorobenzidine	14.10	252	178576	18.580	nq	98
83) Chrysene	14.18	228	1215013	46.561	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	833850	45.853	nq	96
85) Di-n-octyl phthalate	14.74	149	1393816	54.364	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1792183	85.300	nq	# 93
88) Benzo(b)fluoranthene	15.22	252	1357156	44.600	nq	98
89) Benzo(k)fluoranthene	15.25	252	1285826	42.871	nq	# 95
90) Benzo(a)pyrene	15.61	252	1353786	48.373	nq	# 97
91) Dibenzo(a,h)anthracene	17.26	278	1451720	58.532	nq	# 96
92) Benzo(g,h,i)perylene	17.72	276	1542560	61.557	nq	# 92

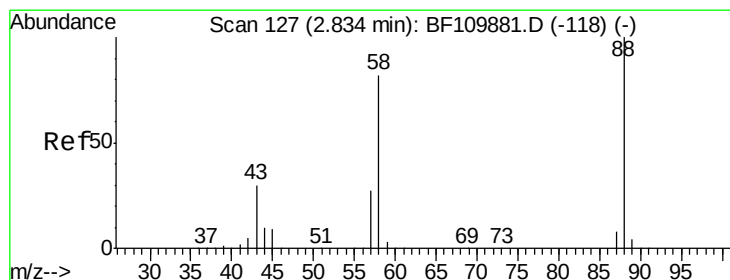
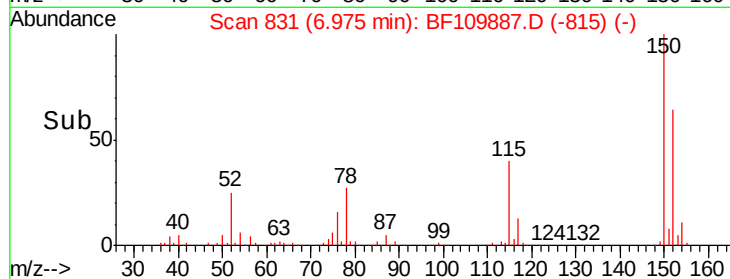
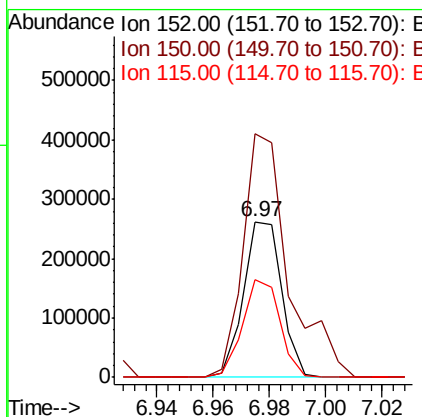
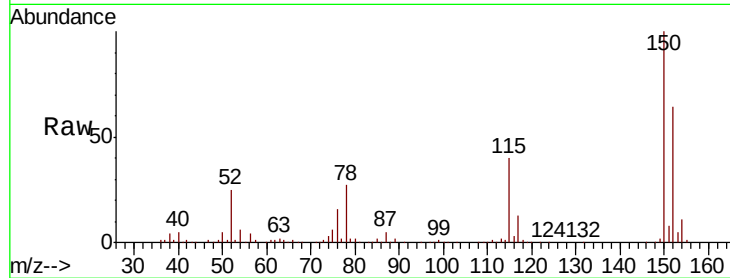
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

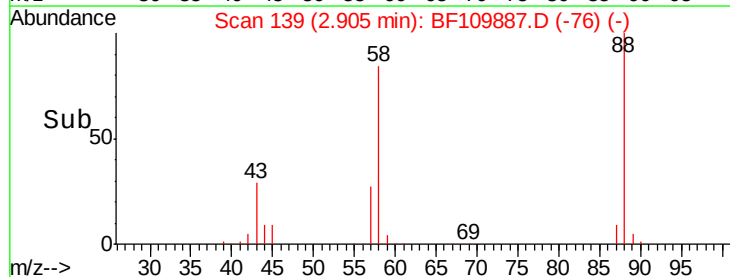
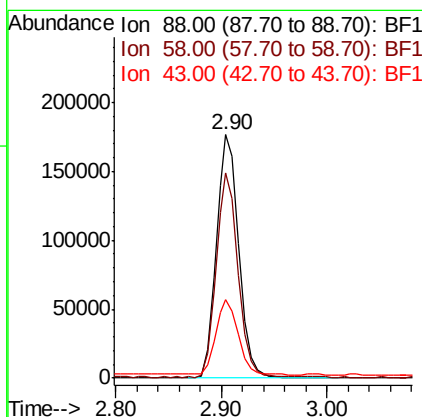
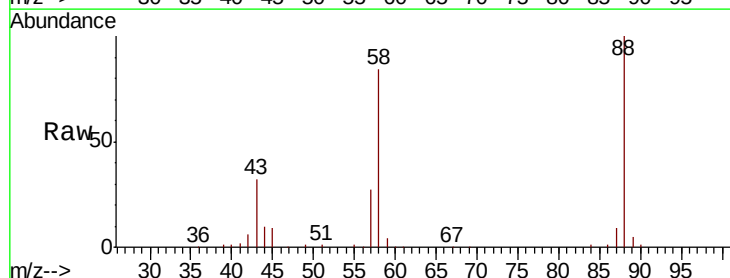
Instrument :
 BNA_F
 ClientSampled :

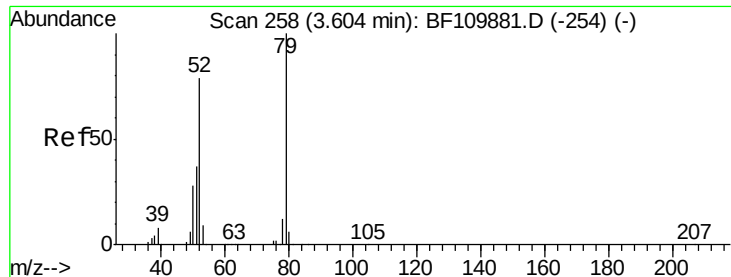
Tot Ion:152 Resp: 247227
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.7 184.1
 115 62.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 29.501 ng
 RT: 2.90 min Scan# 139
 Delta R.T. 0.07 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Tgt Ion: 88 Resp: 261335
 Ion Ratio Lower Upper
 88 100
 58 82.2 57.1 85.7
 43 31.0 24.1 36.1





#3

Pvridine

Concen: 38.091 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

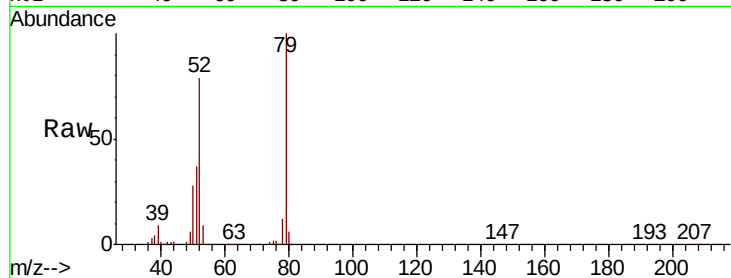
Tot Ion: 79 Resp: 752266

Ion Ratio Lower Upper

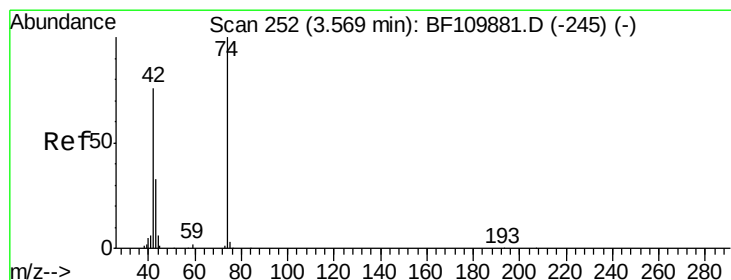
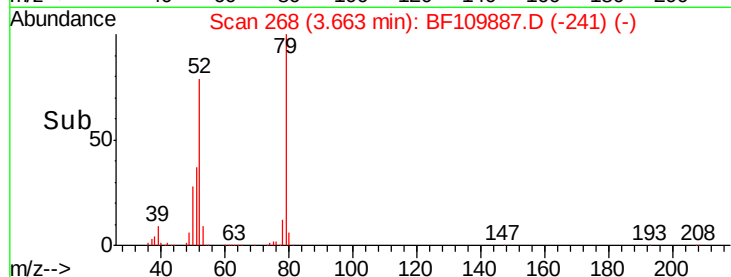
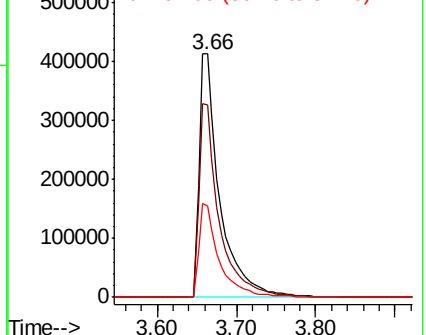
79 100

52 79.1 53.1 79.7

51 37.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.930 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.05 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

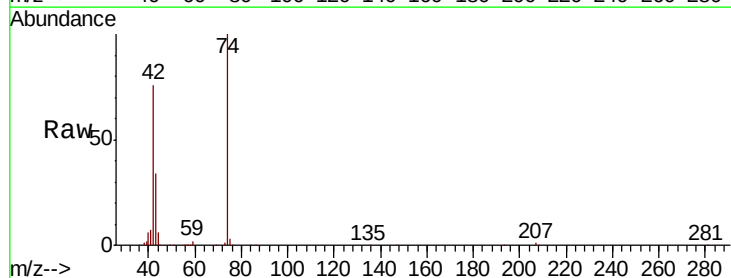
Tgt Ion: 42 Resp: 361970

Ion Ratio Lower Upper

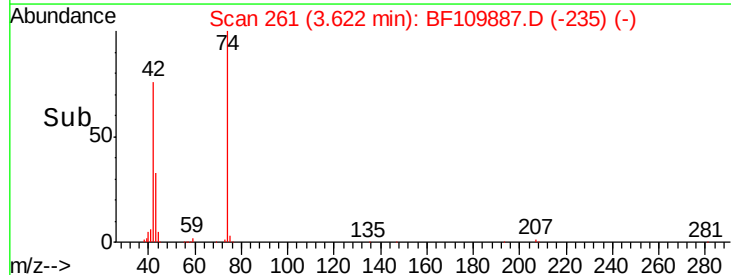
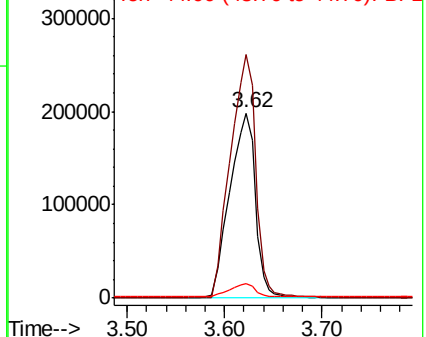
42 100

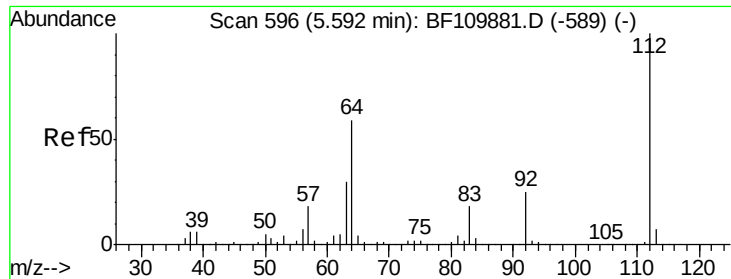
74 131.4 105.5 158.3

44 7.7 4.9 7.3#



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





#5

2-Fluorophenol

Concen: 103.037 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

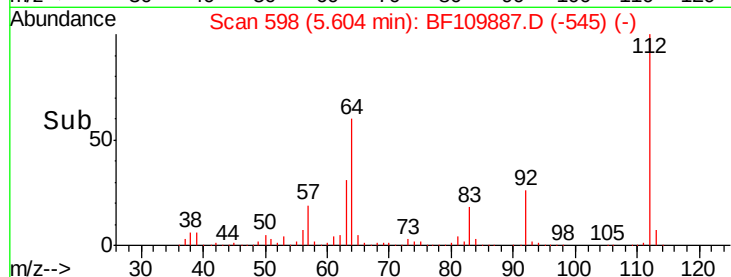
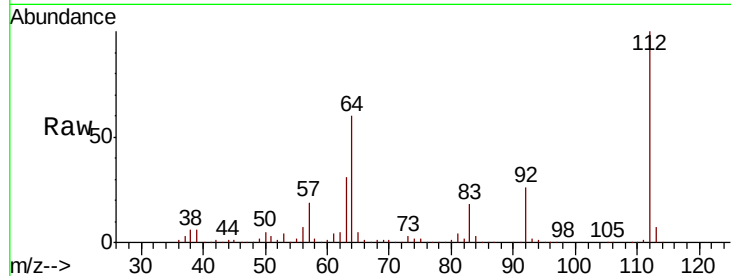
Tot Ion:112 Resp: 1607023

Ion Ratio Lower Upper

112 100

64 59.7 44.1 66.1

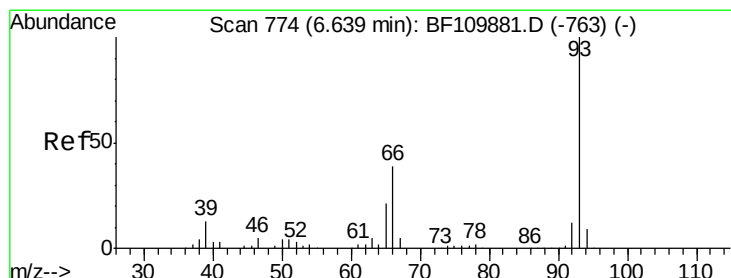
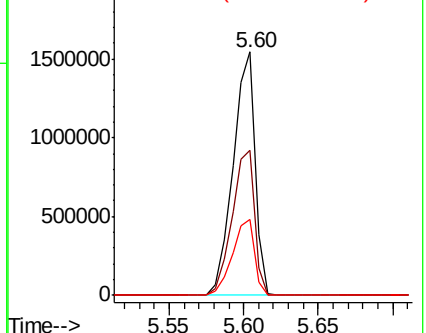
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.263 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

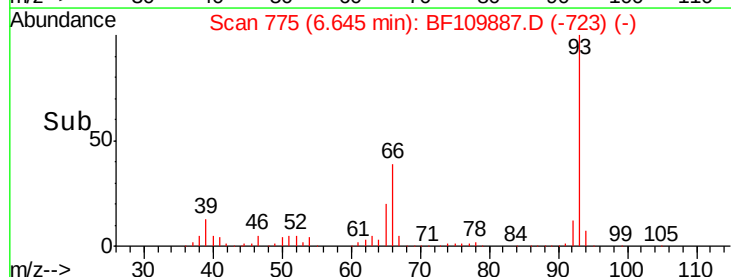
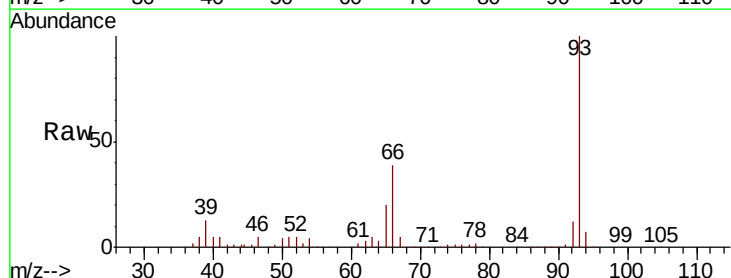
Tgt Ion: 93 Resp: 424446

Ion Ratio Lower Upper

93 100

66 39.1 67.4 101.0#

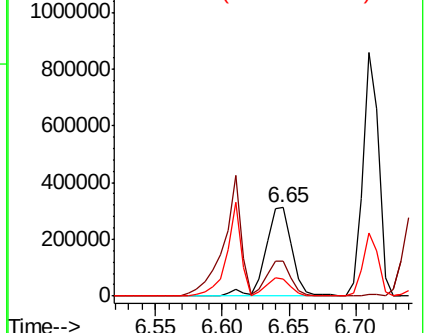
65 19.8 41.0 61.4#

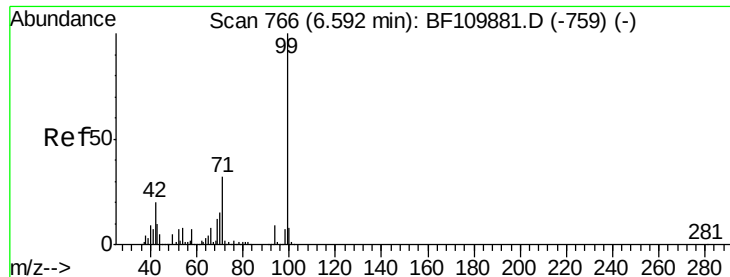


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.491 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

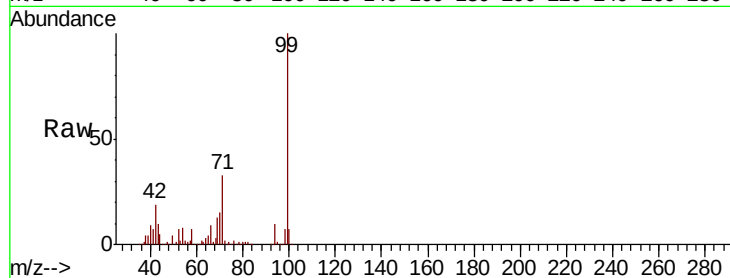
Tot Ion: 99 Resp: 2062396

Ion Ratio Lower Upper

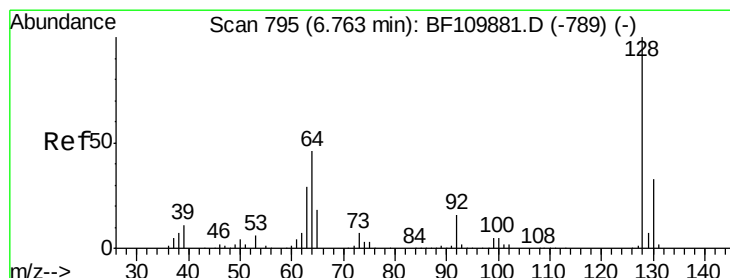
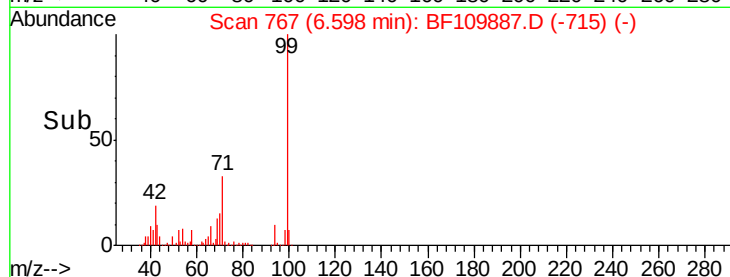
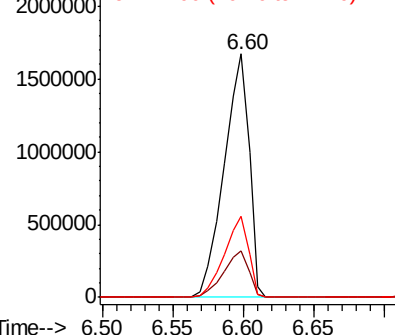
99 100

42 19.2 15.8 23.6

71 33.1 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.205 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

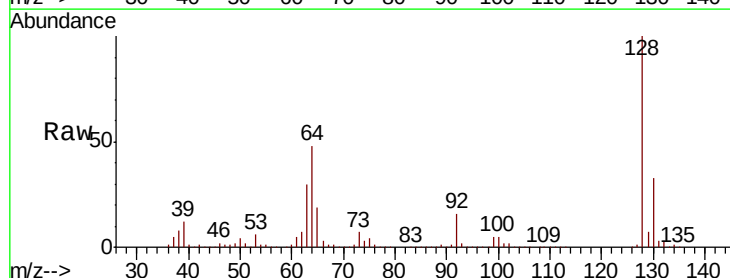
Tgt Ion: 128 Resp: 719881

Ion Ratio Lower Upper

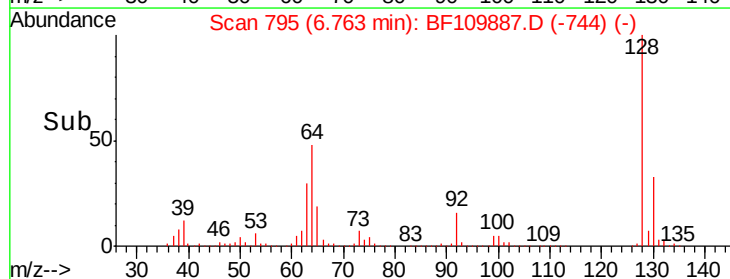
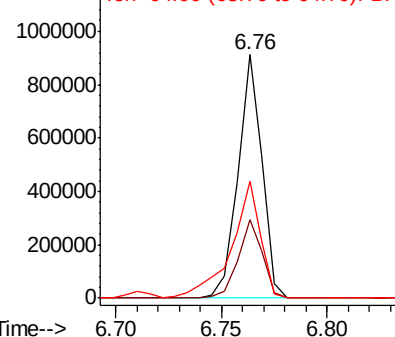
128 100

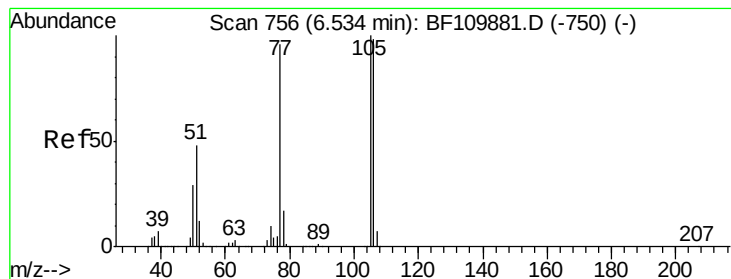
130 32.5 13.1 53.1

64 48.2 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.352 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

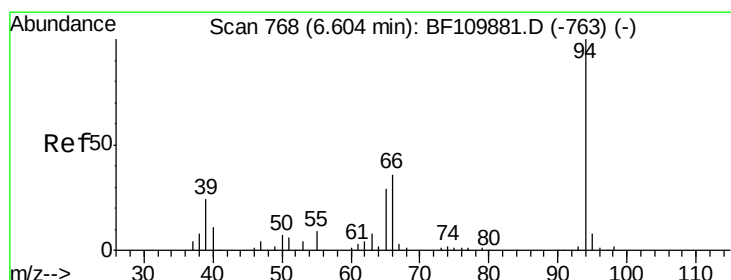
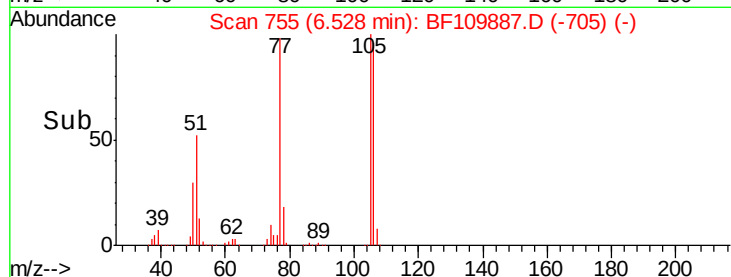
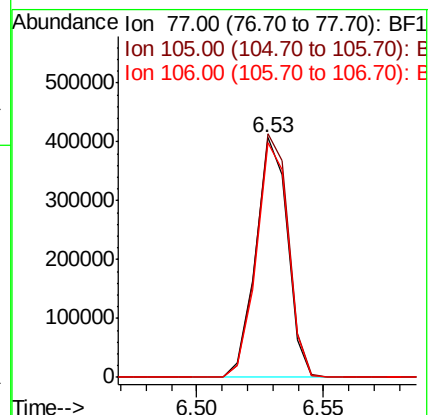
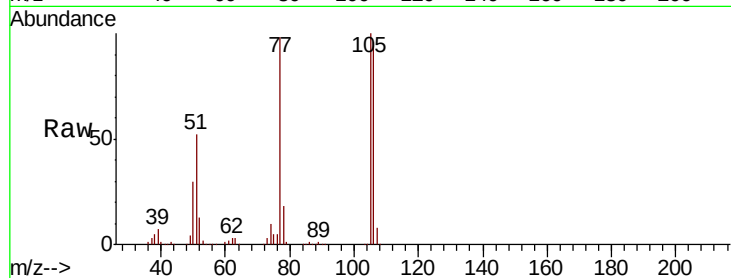
Tot Ion: 77 Resp: 356827

Ion Ratio Lower Upper

77 100

105 101.6 78.6 118.6

106 97.8 74.8 114.8



#10

Phenol

Concen: 40.086 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

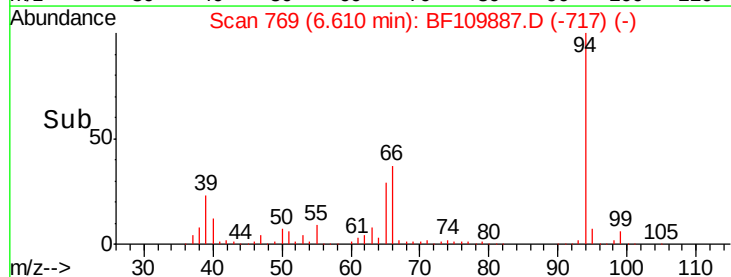
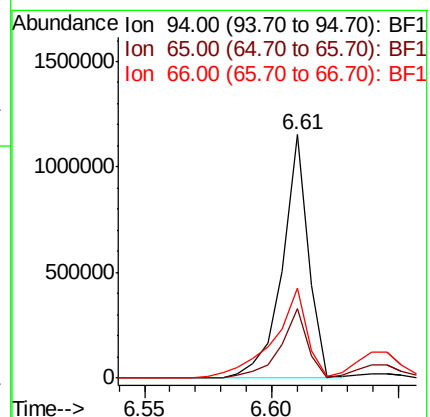
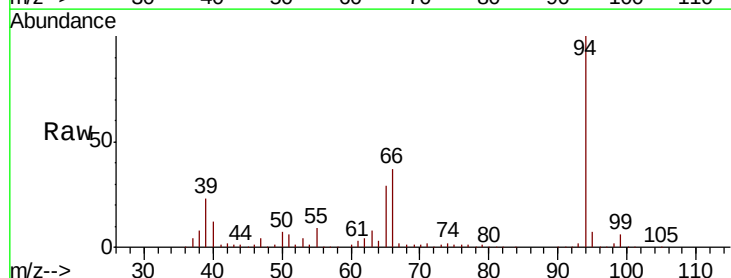
Tgt Ion: 94 Resp: 838182

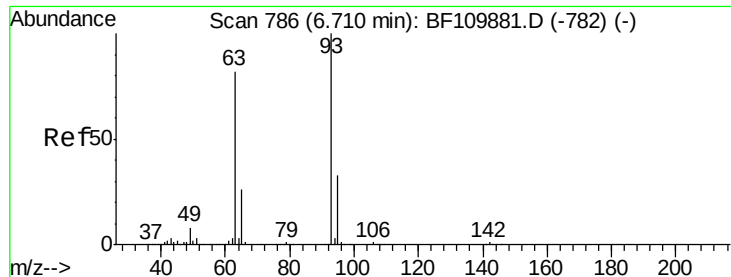
Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

66 36.9 54.5 94.5#

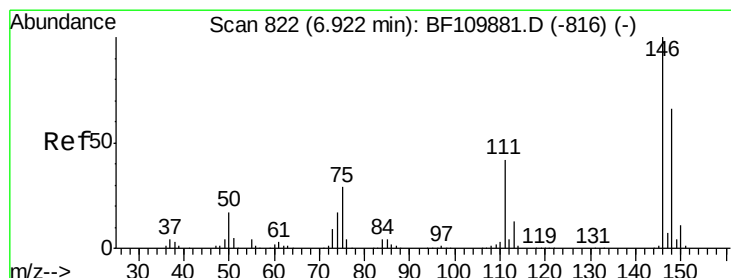
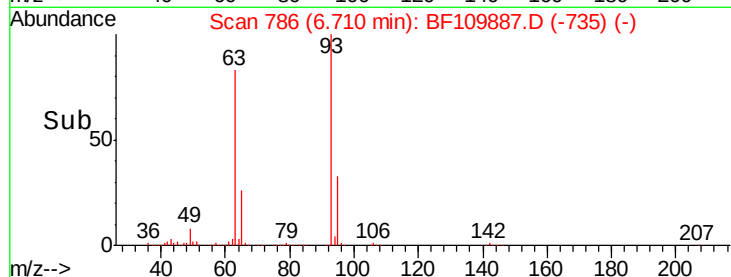
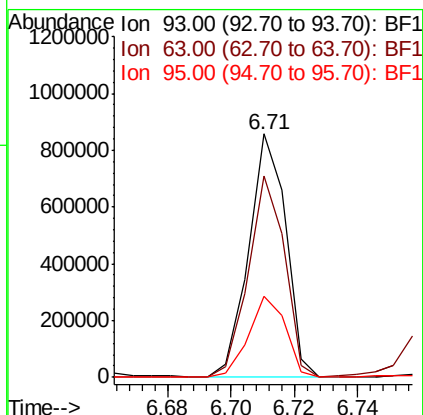
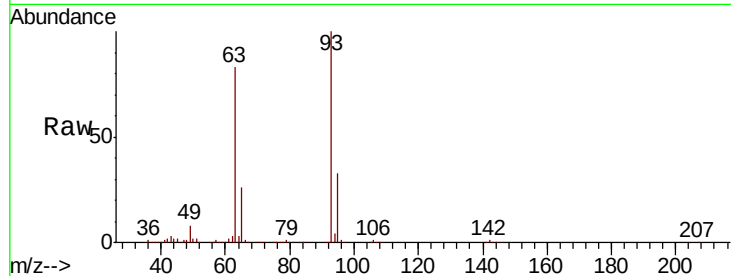




#11
bis(2-Chloroethyl)ether
Concen: 39.769 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

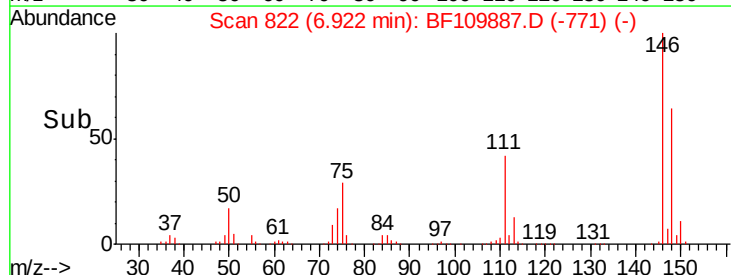
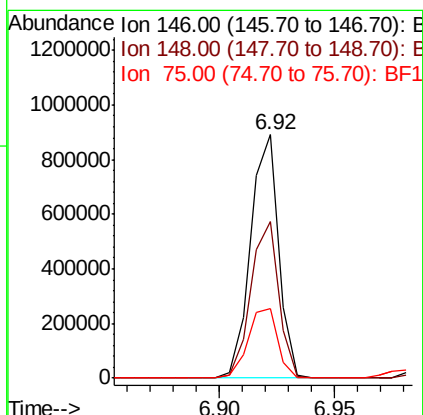
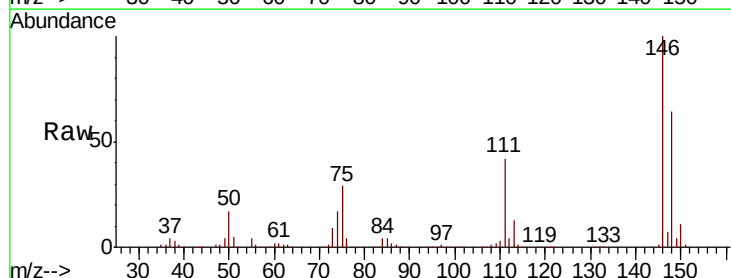
Instrument :
BNA_F
ClientSampled :

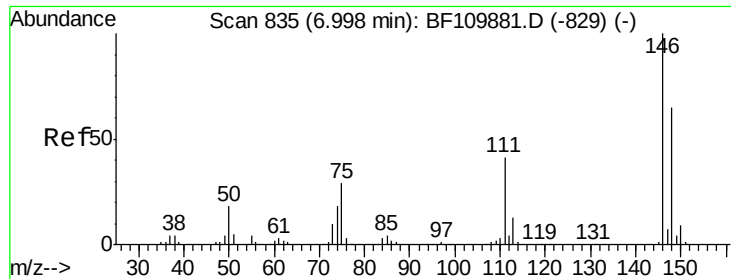
Tot Ion: 93 Resp: 695294
Ion Ratio Lower Upper
93 100
63 82.8 53.4 93.4
95 33.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.605 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion: 146 Resp: 758722
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
75 28.7 25.8 38.6

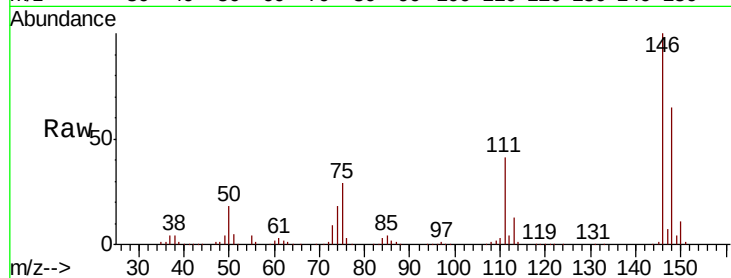




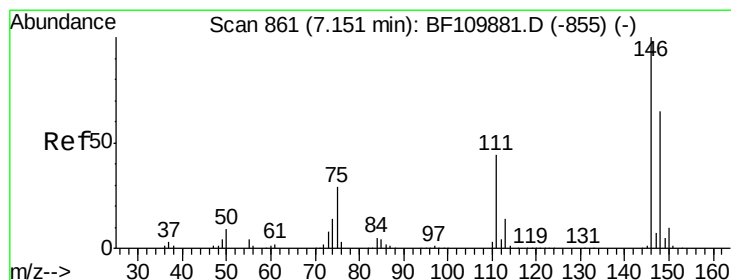
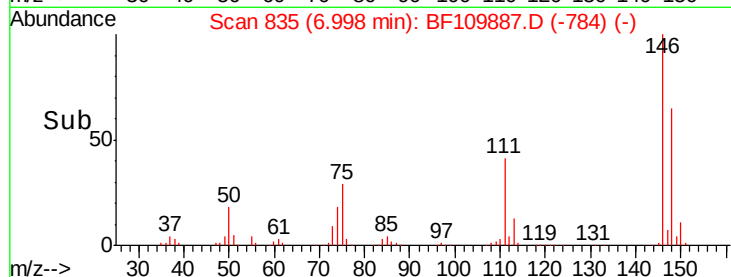
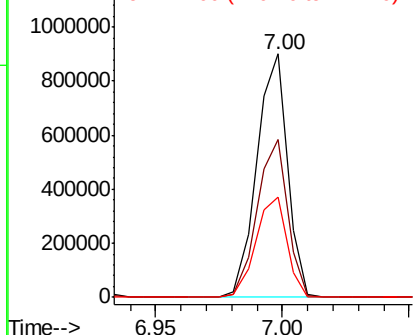
#13
 1,4-Dichlorobenzene
 Concen: 39.520 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 762473
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.3 75.5
 111 41.4 32.7 49.1

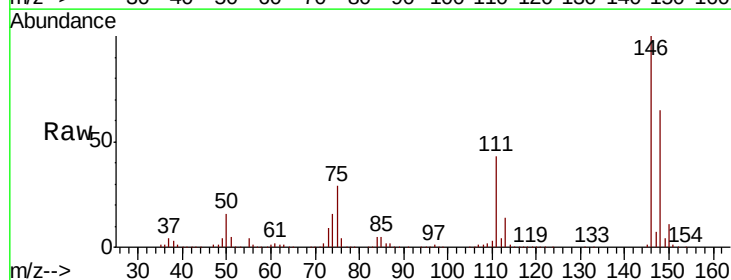


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

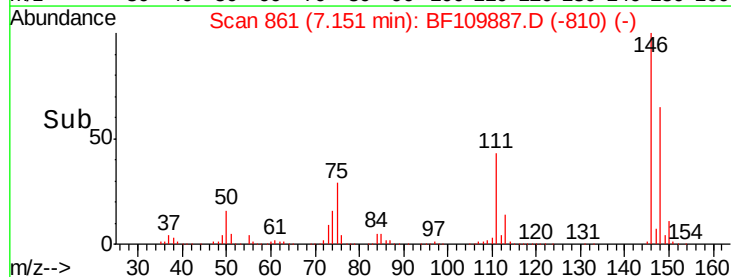
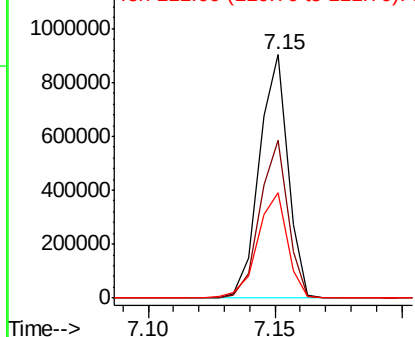


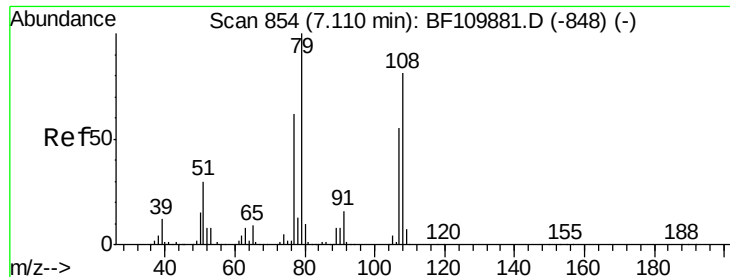
#14
 1,2-Dichlorobenzene
 Concen: 40.255 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Tgt Ion:146 Resp: 715165
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 43.4 35.8 53.6



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: 42.066 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

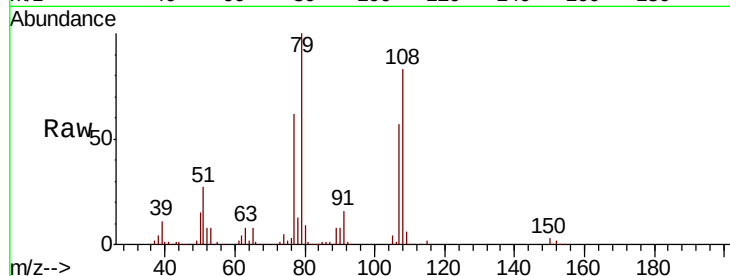
Tot Ion: 79 Resp: 626767

Ion Ratio Lower Upper

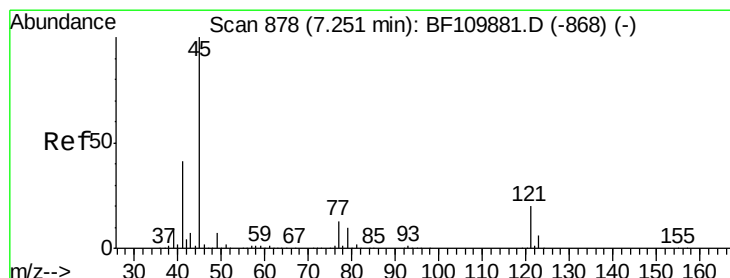
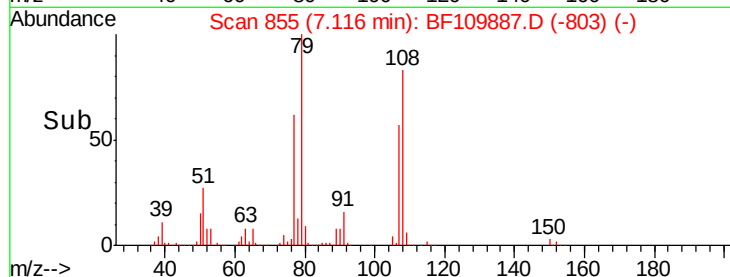
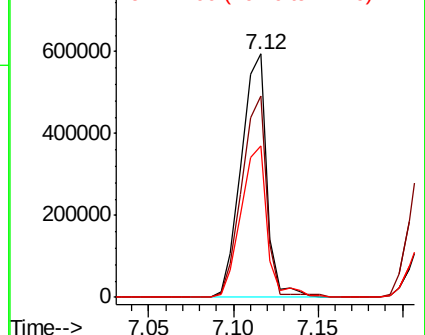
79 100

108 82.7 56.3 84.5

77 62.5 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
800000 Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.426 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

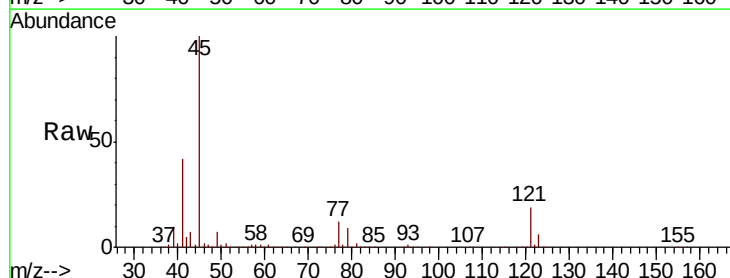
Tgt Ion: 45 Resp: 1160059

Ion Ratio Lower Upper

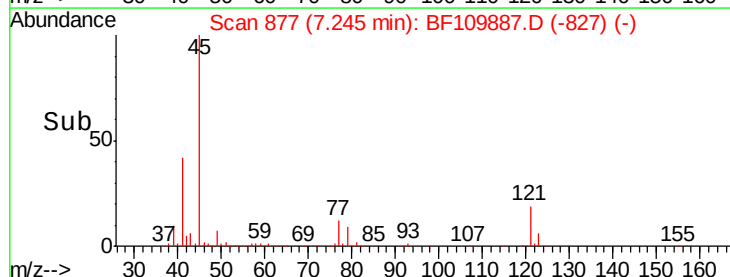
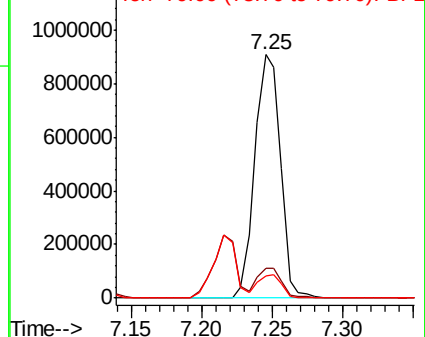
45 100

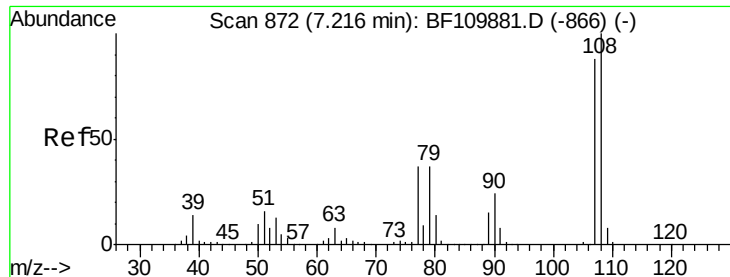
77 12.3 10.0 50.0

79 9.4 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
1200000 Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.347 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 596577

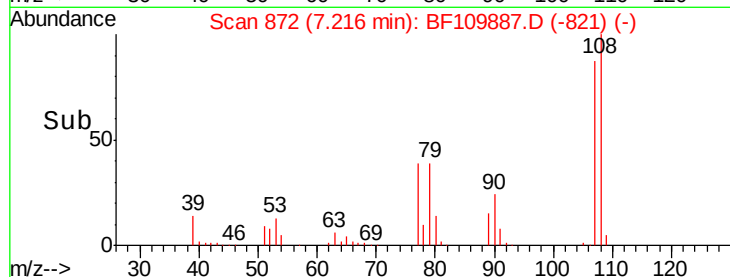
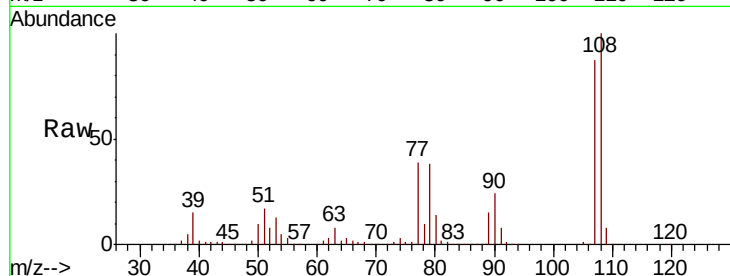
Ion Ratio Lower Upper

107 100

108 115.1 92.6 138.8

77 44.4 59.4 89.2#

79 44.0 54.0 81.0#

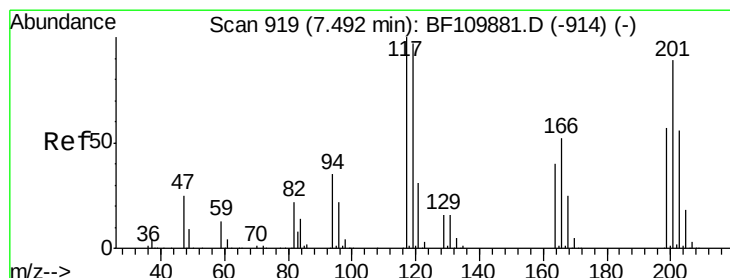
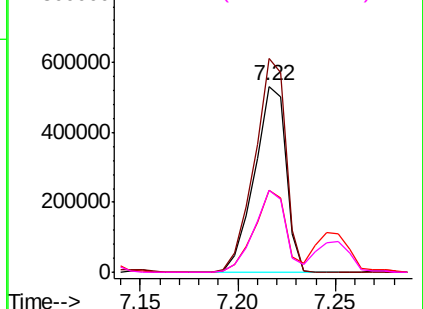


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.659 ng

RT: 7.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

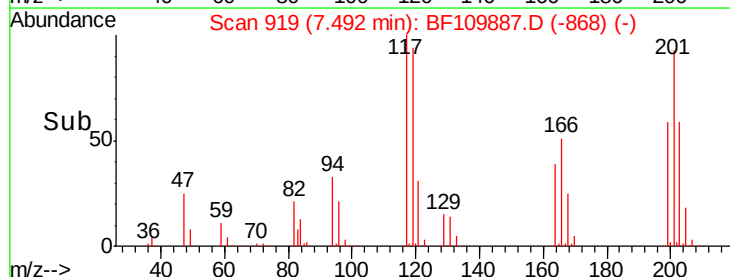
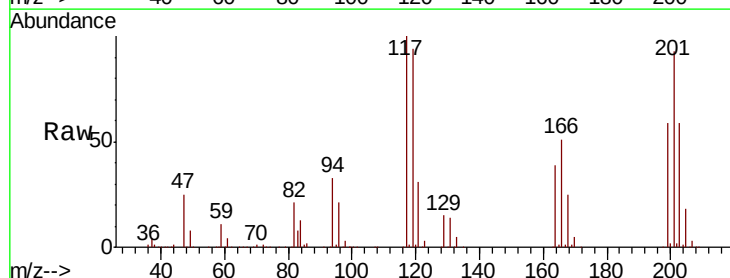
Tgt Ion:117 Resp: 284031

Ion Ratio Lower Upper

117 100

119 94.5 75.0 112.6

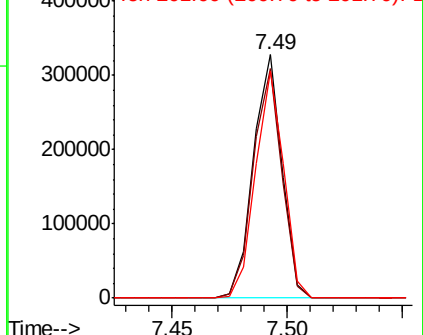
201 93.2 79.2 118.8

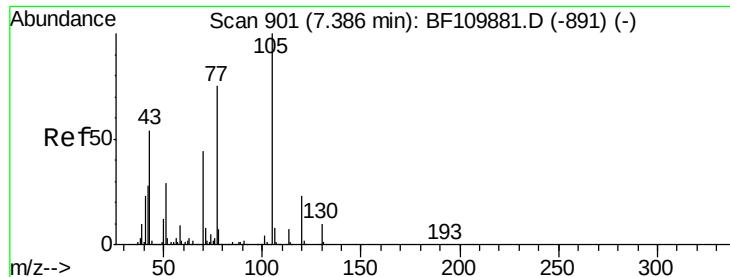


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

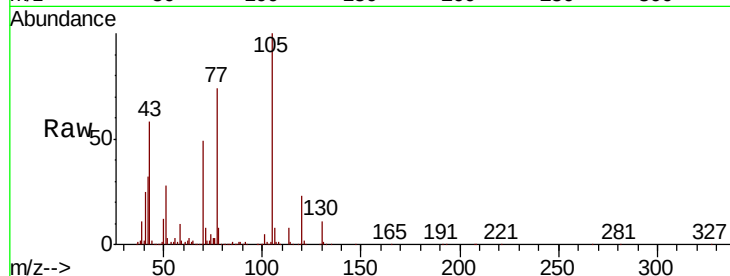




#19
n-Nitroso-di-n-propylamine
Concen: 39.148 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.7	47.4	71.2
101	9.7	7.3	10.9
130	22.4	16.2	24.2



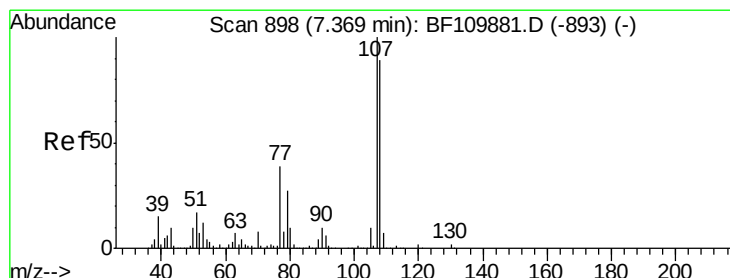
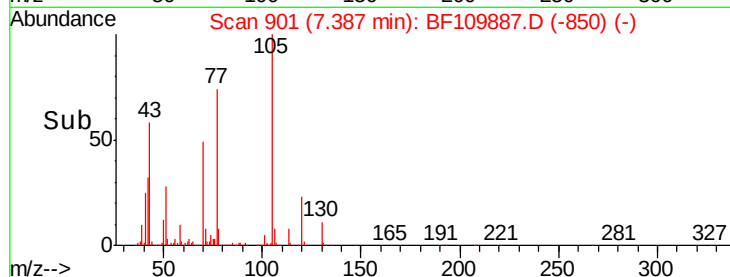
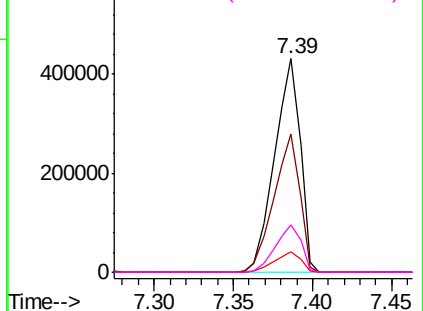
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

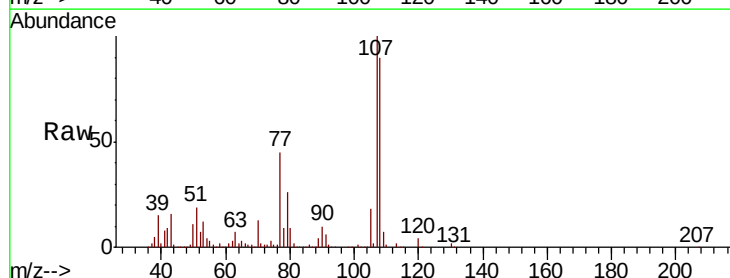
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 41.097 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	45.1	47.3	87.3#
79	26.4	10.9	50.9



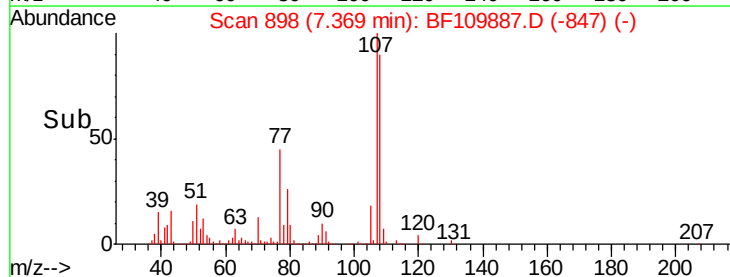
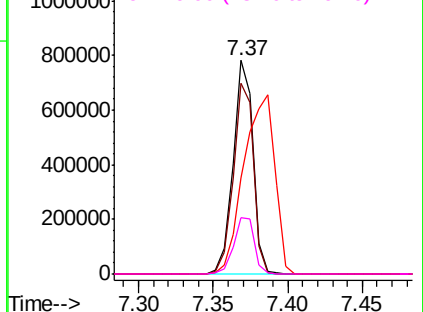
Abundance

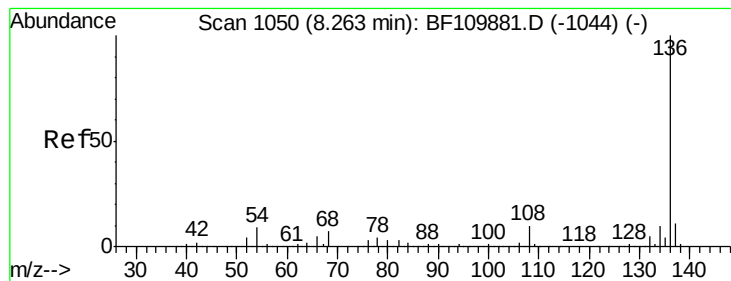
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 958215

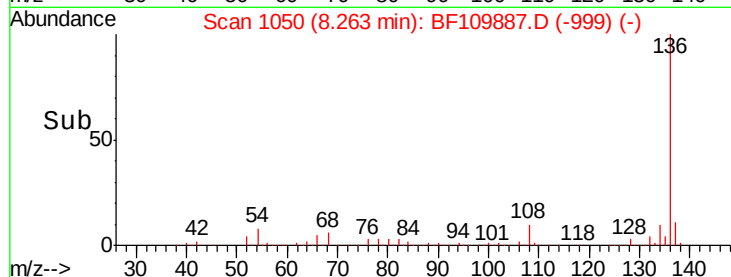
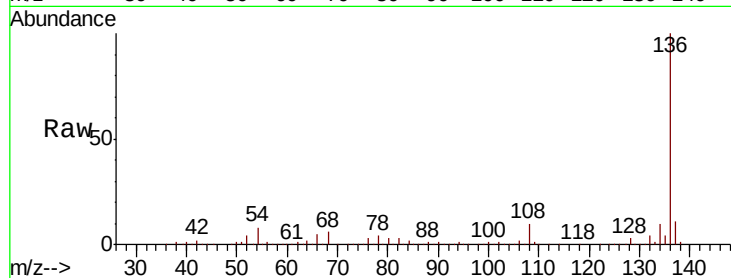
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 5.4 8.2#

68 6.1 4.2 6.2

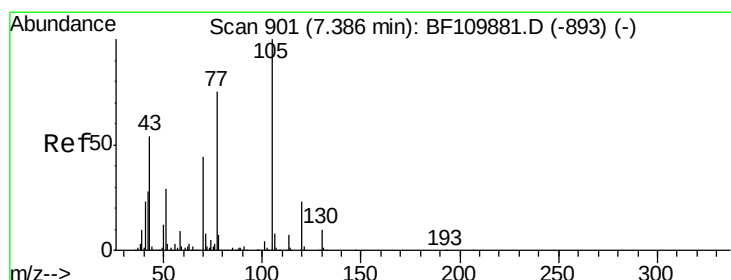
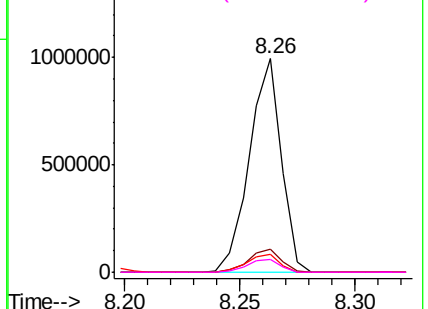


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.358 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Tgt Ion:105 Resp: 963483

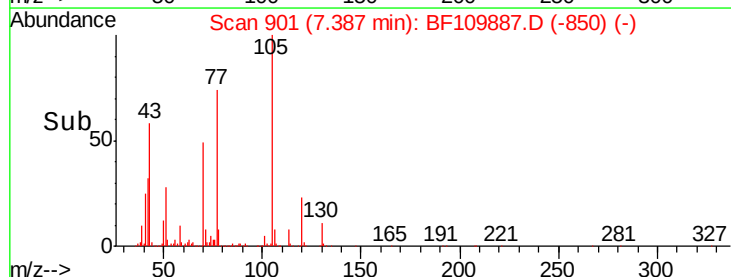
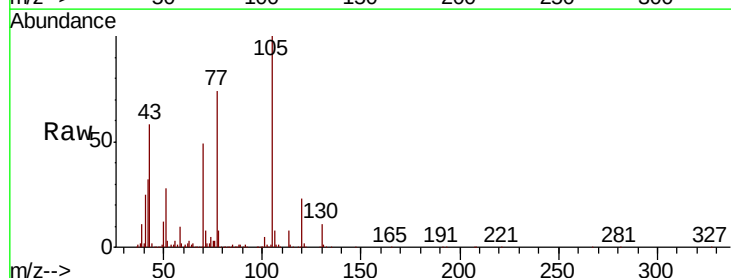
Ion Ratio Lower Upper

105 100

71 8.3 5.2 7.8#

51 28.4 21.8 32.8

120 23.3 17.0 25.4

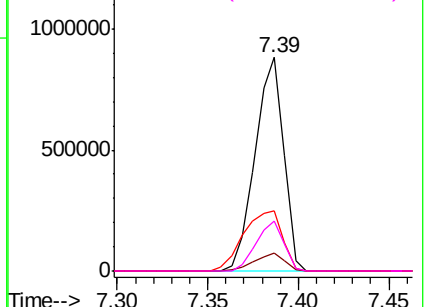


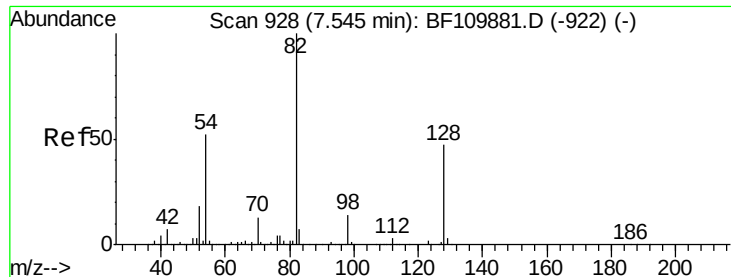
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



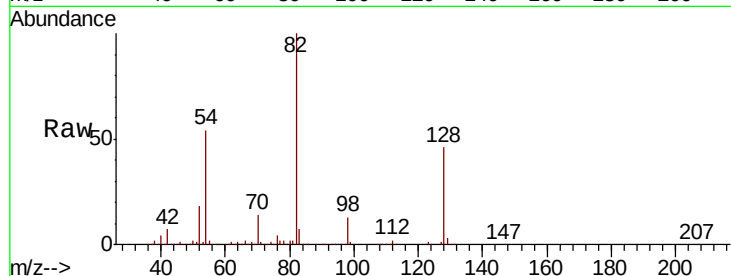


#23
 Nitrobenzene-d5
 Concen: 87.102 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

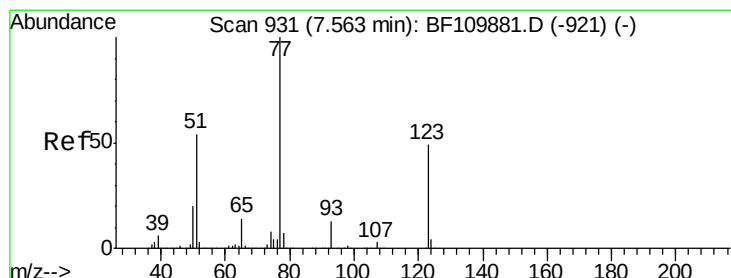
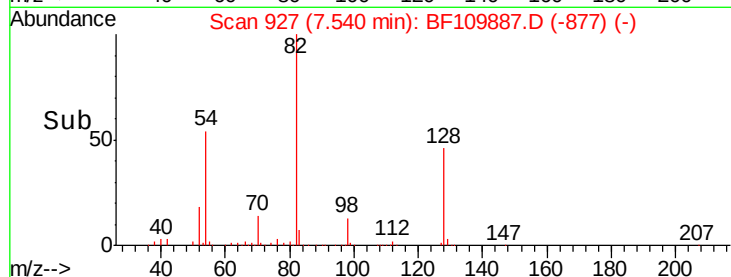
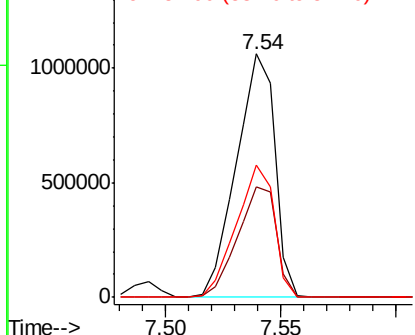
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1238976

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	54.3	38.6	58.0



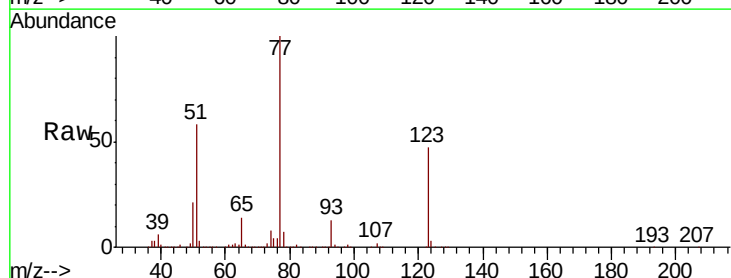
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



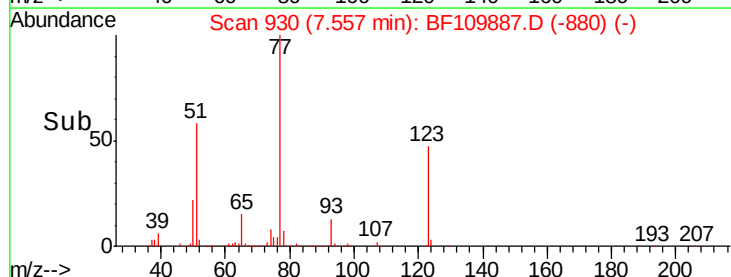
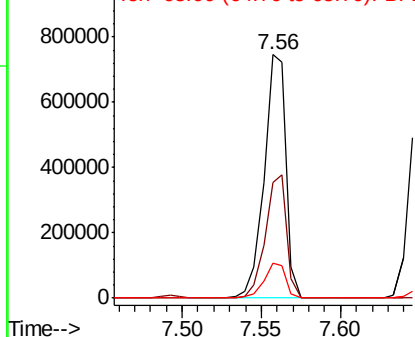
#24
 Nitrobenzene
 Concen: 46.713 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

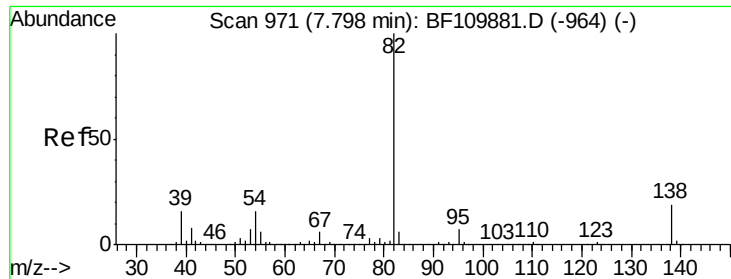
Tgt Ion: 77 Resp: 721839

Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.7	53.5
65	14.4	10.7	16.1



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





#25

Isophorone

Concen: 48.995 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

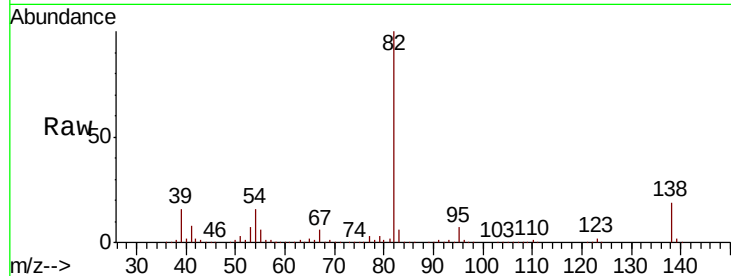
Tot Ion: 82 Resp: 1369403

Ion Ratio Lower Upper

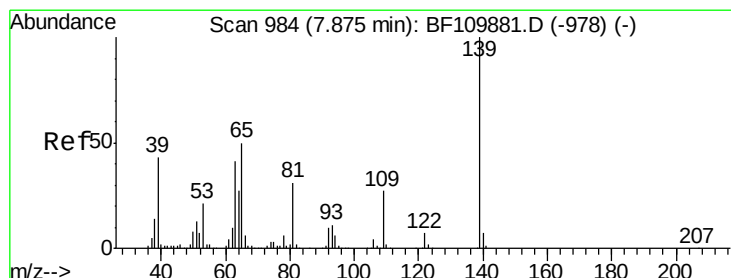
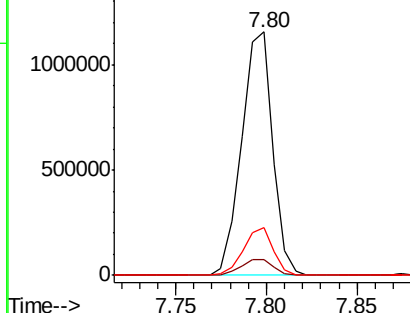
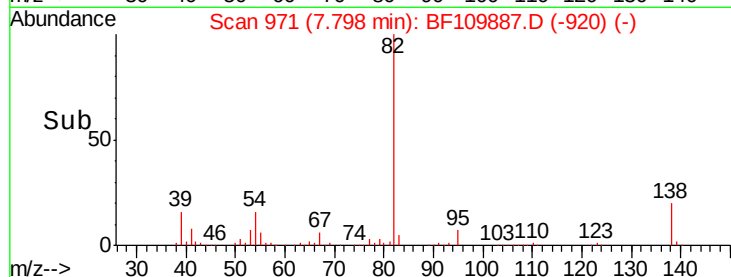
82 100

95 6.6 5.7 8.5

138 19.4 13.2 19.8



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



#26

2-Nitrophenol

Concen: 52.436 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

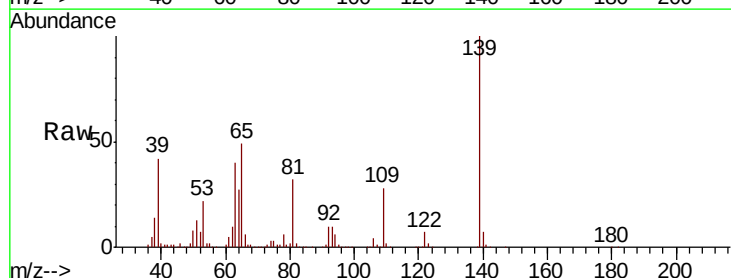
Tgt Ion: 139 Resp: 335957

Ion Ratio Lower Upper

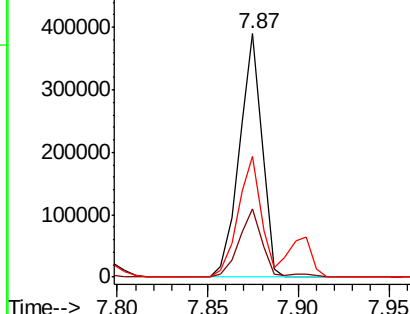
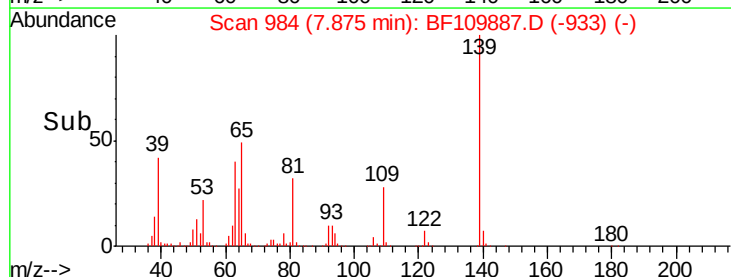
139 100

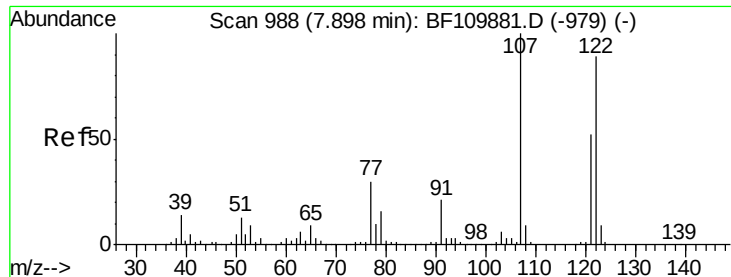
109 27.9 25.0 37.6

65 49.3 44.0 66.0



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: 50.204 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

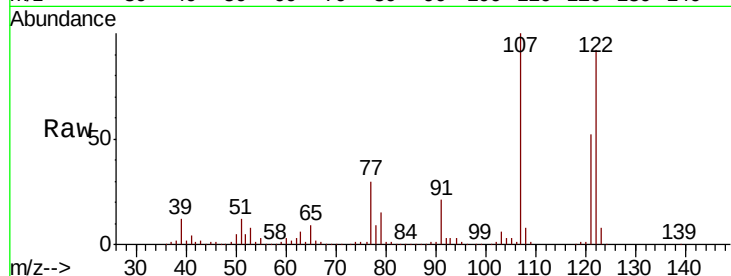
Tot Ion:122 Resp: 675866

Ion Ratio Lower Upper

122 100

107 108.4 92.5 138.7

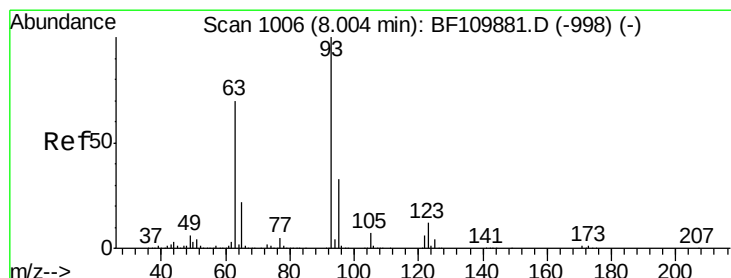
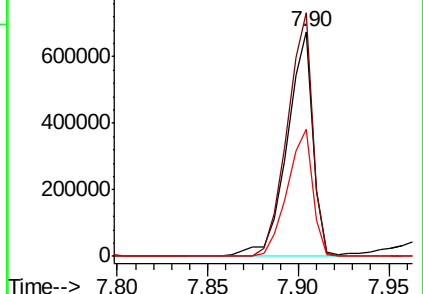
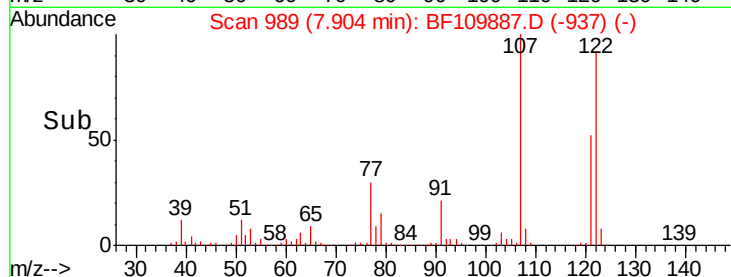
121 56.8 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.872 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

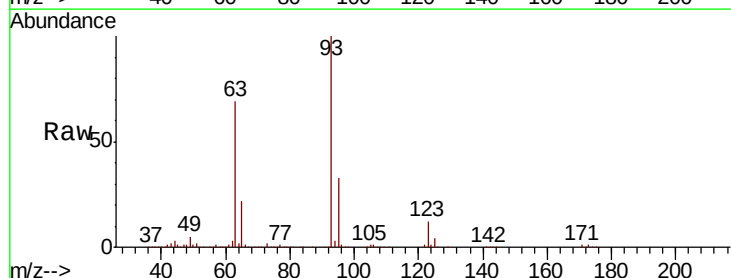
Tgt Ion: 93 Resp: 879905

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

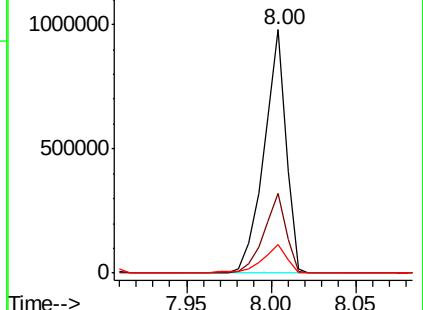
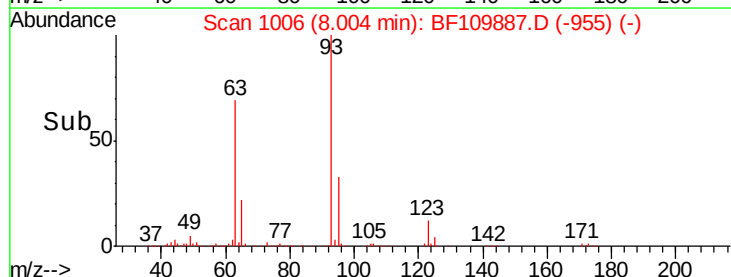
123 11.6 9.0 13.6

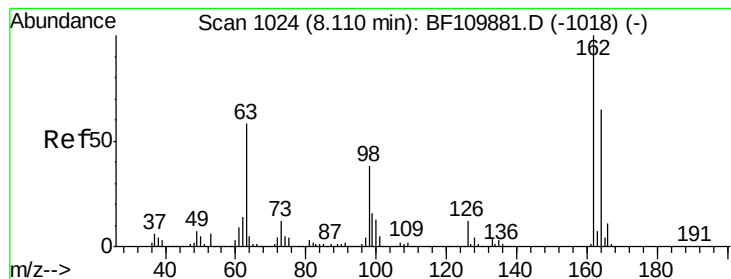


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.665 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

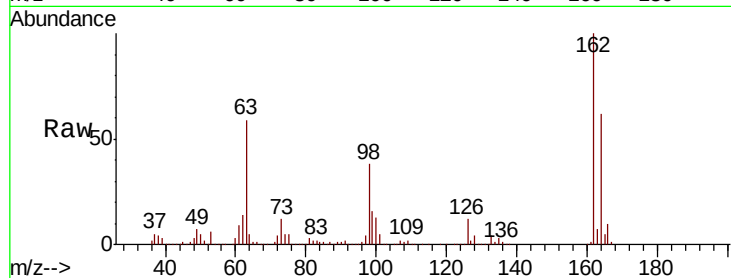
Tot Ion:162 Resp: 596378

Ion Ratio Lower Upper

162 100

164 62.3 44.6 84.6

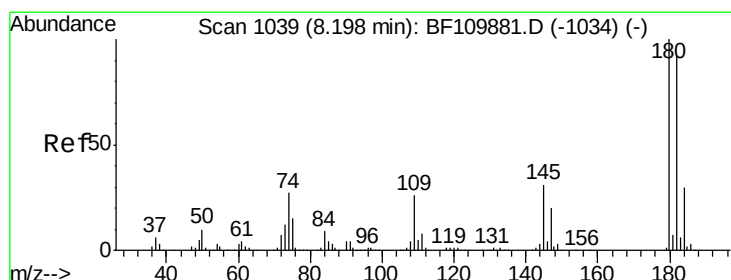
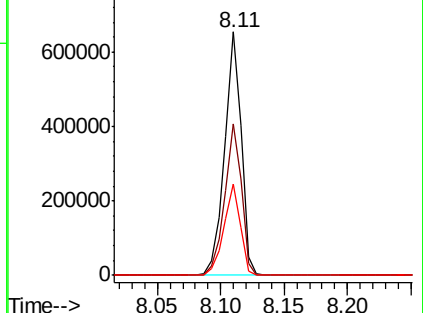
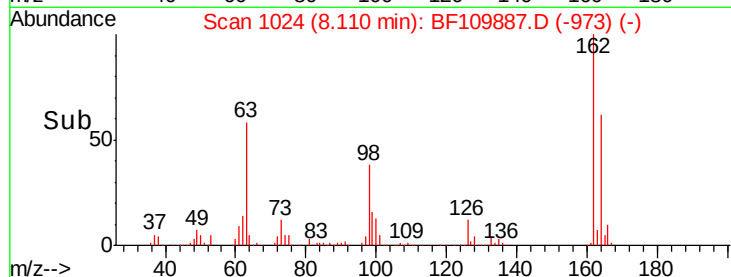
98 37.7 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.905 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

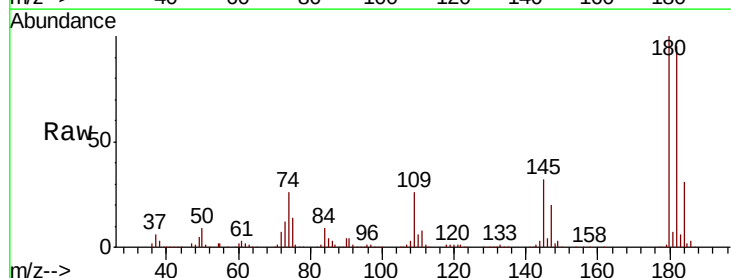
Tgt Ion:180 Resp: 627383

Ion Ratio Lower Upper

180 100

182 94.7 80.3 120.5

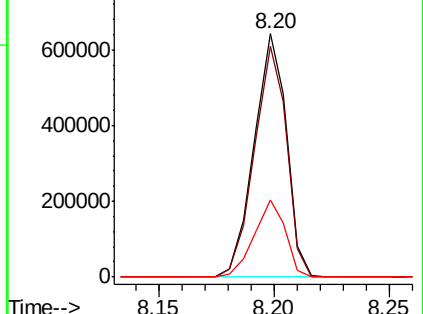
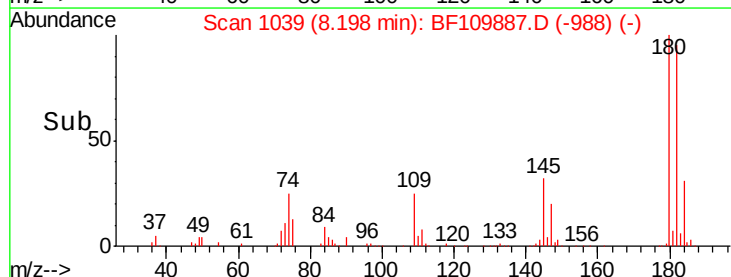
145 31.6 25.4 38.0

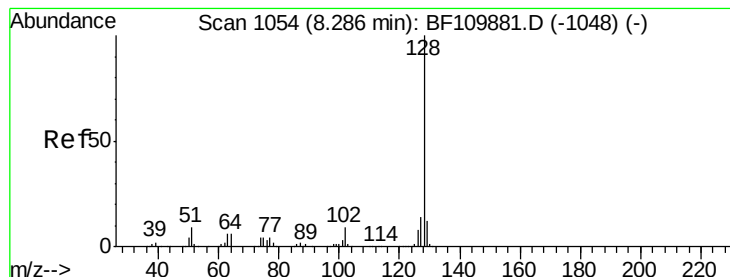


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.489 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

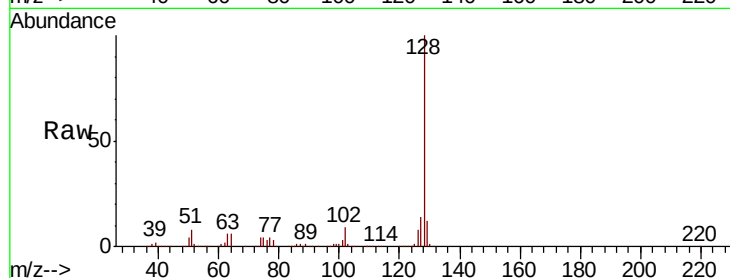
Tot Ion:128 Resp: 1998814

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

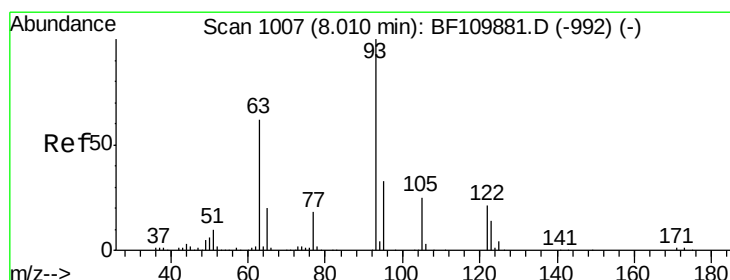
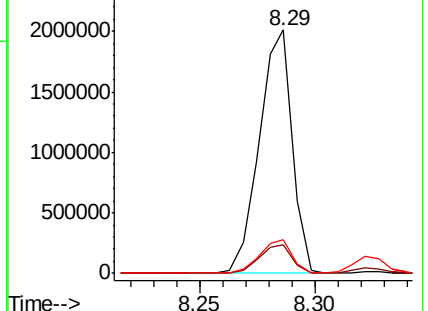
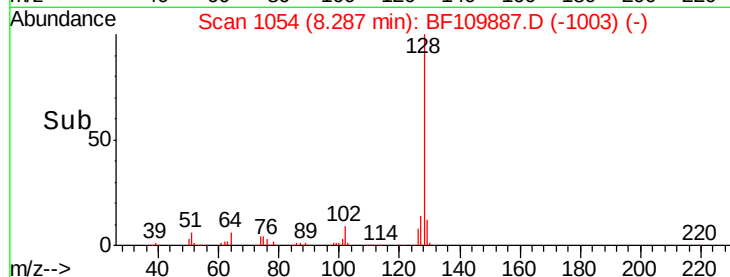
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.962 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

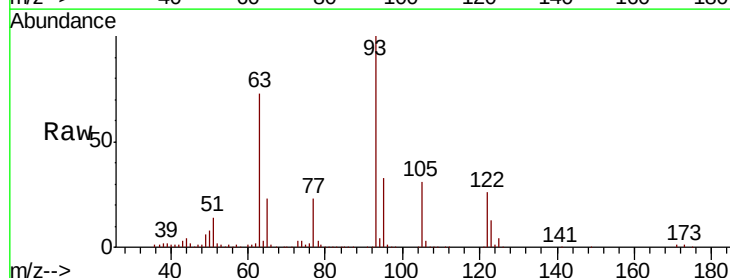
Tgt Ion:122 Resp: 200992

Ion Ratio Lower Upper

122 100

105 117.7 109.0 149.0

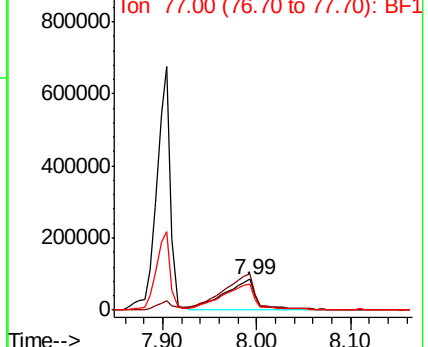
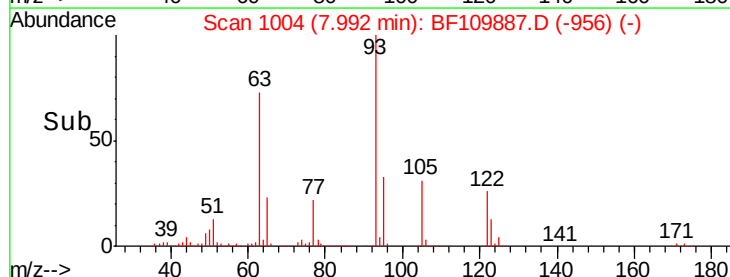
77 86.5 79.0 119.0

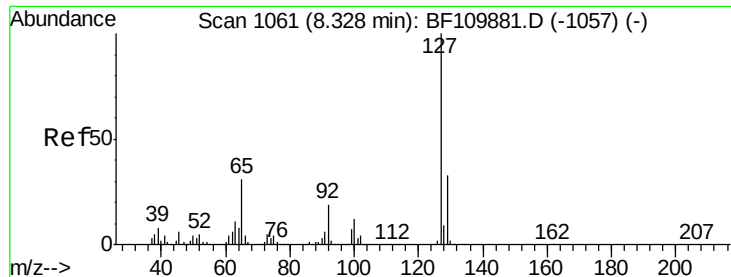


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

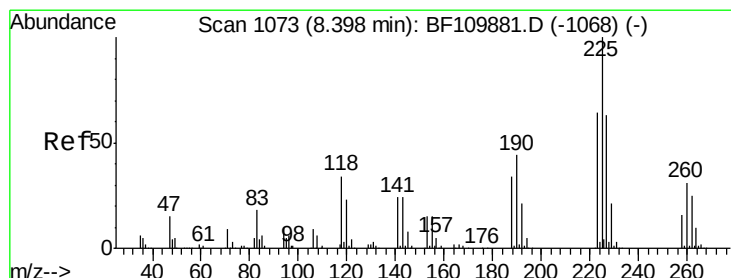
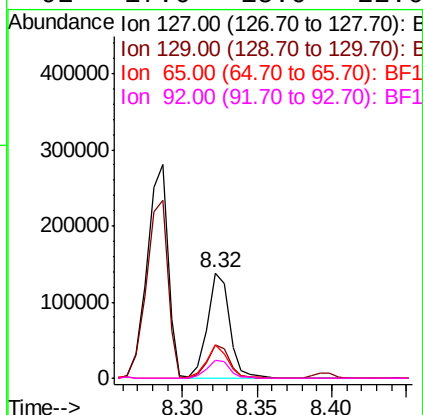
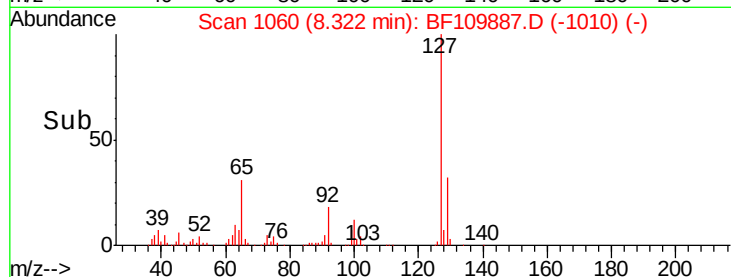
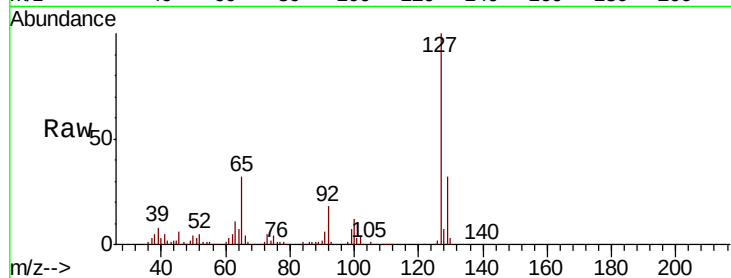




#33
4-Chloroaniline
Concen: 7.220 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

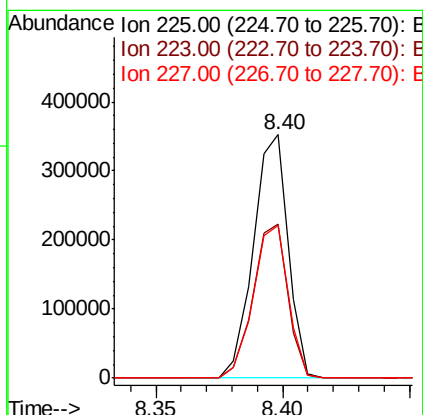
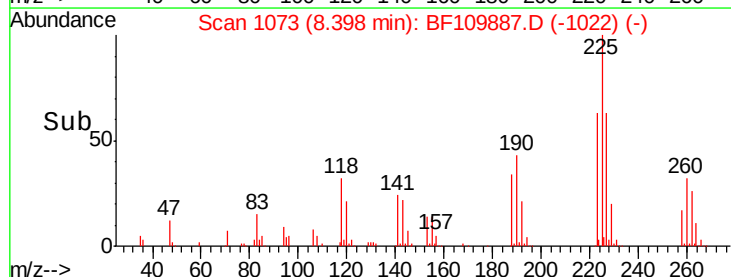
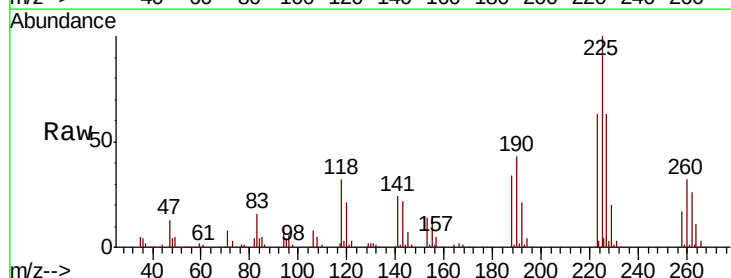
Instrument :
BNA_F
ClientSampleId :

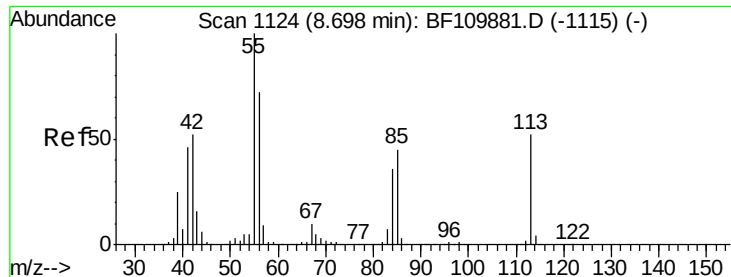
Tot Ion:	127	Resp:	142602
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	31.7	25.1	37.7
92	17.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.772 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:	225	Resp:	336829
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	62.8	51.0	76.6

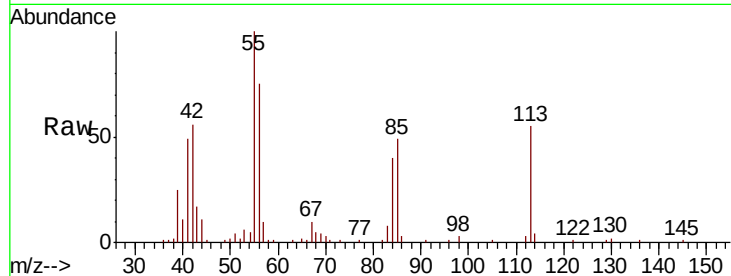




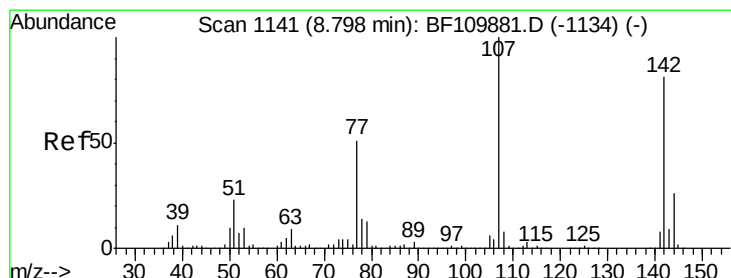
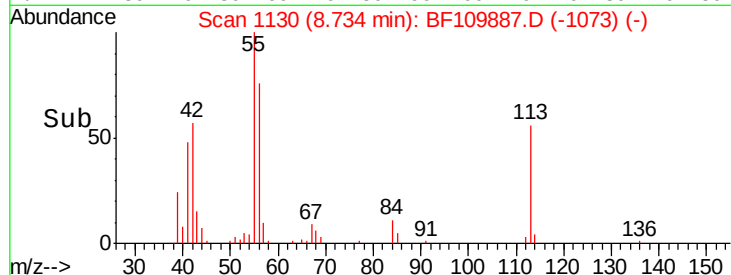
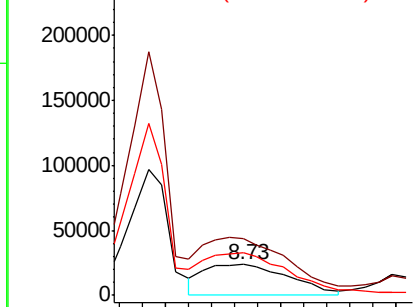
#35
Caprolactam
Concen: 13.157 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.04 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 61025
Ion Ratio Lower Upper
113 100
55 181.4 142.8 182.8
56 135.8 105.0 145.0

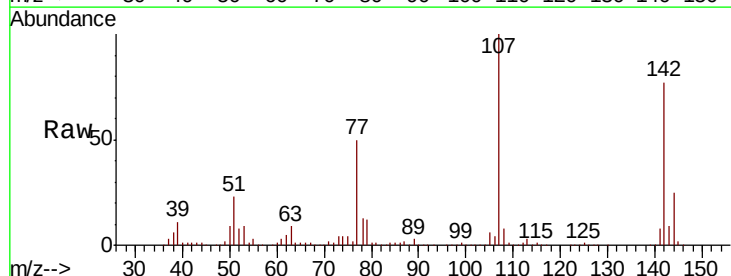


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

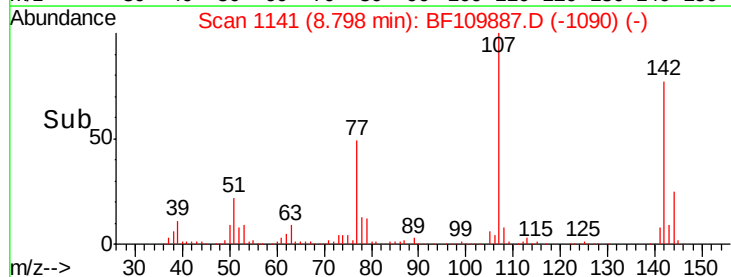
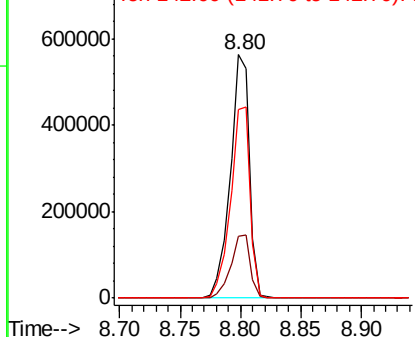


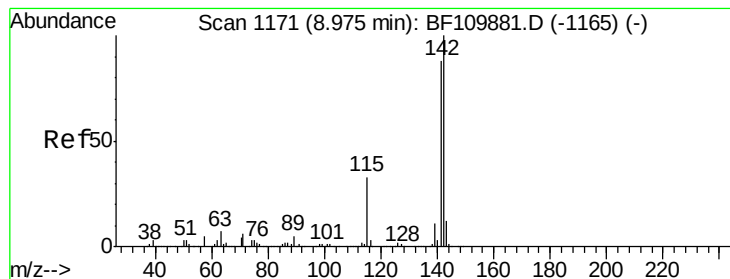
#36
4-Chloro-3-methylphenol
Concen: 45.115 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:107 Resp: 621562
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 77.3 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

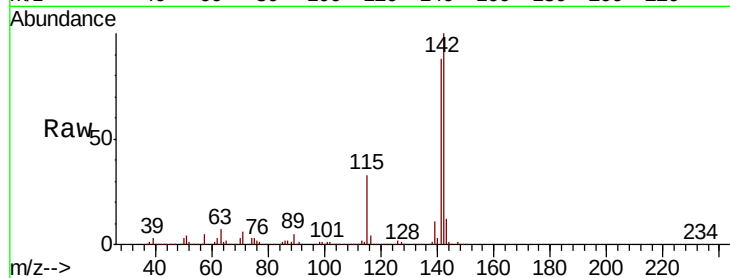




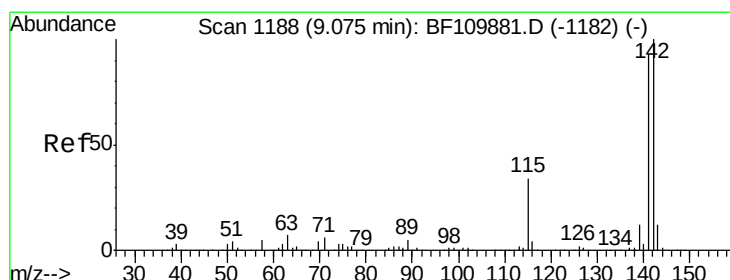
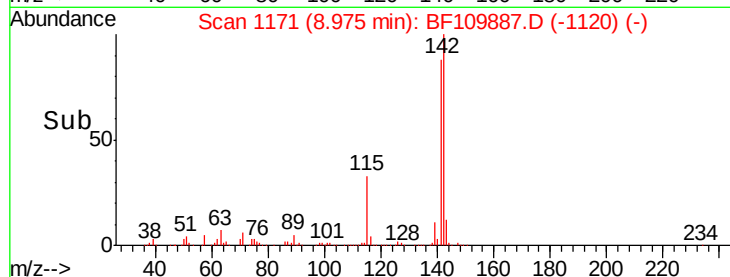
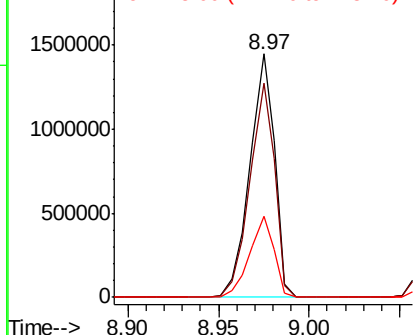
#37
2-Methylnaphthalene
Concen: 48.294 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1374098
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 33.5 28.7 43.1

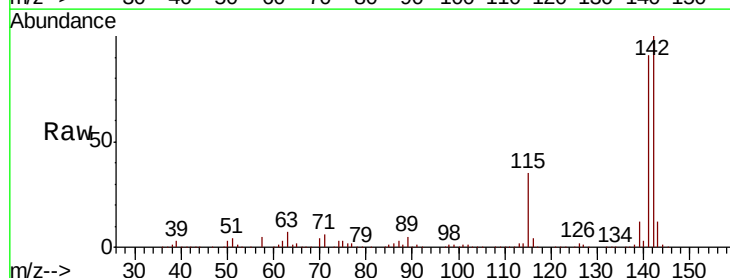


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

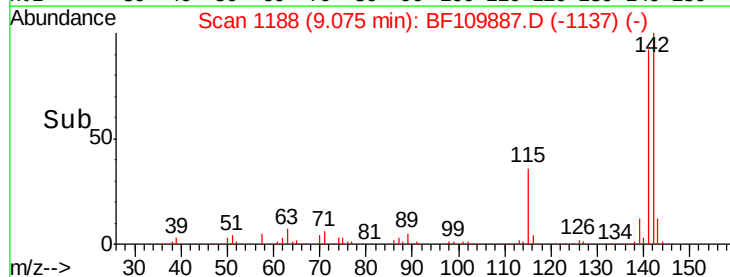
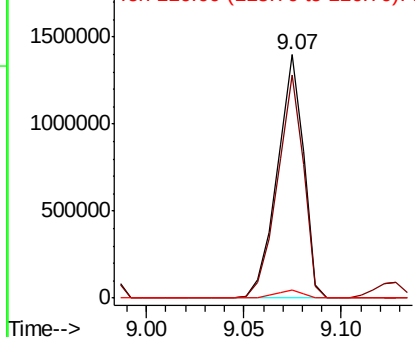


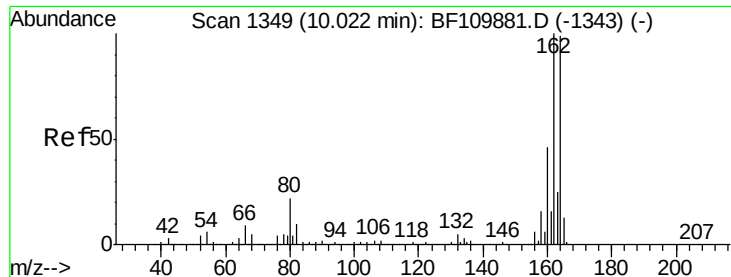
#38
1-Methylnaphthalene
Concen: 47.288 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:142 Resp: 1303763
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4
116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

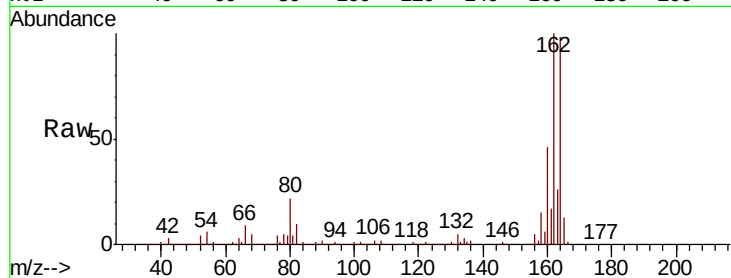
Tot Ion:164 Resp: 427592

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

160 47.1 37.0 55.6

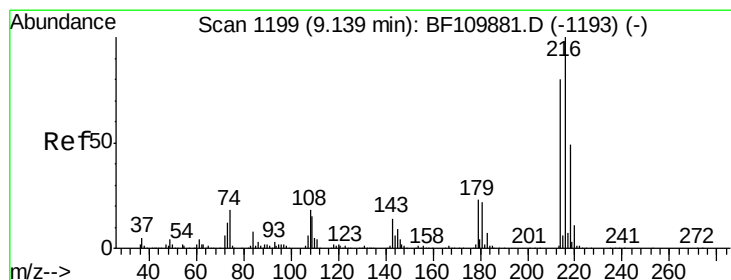
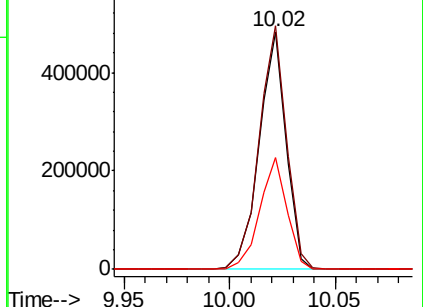
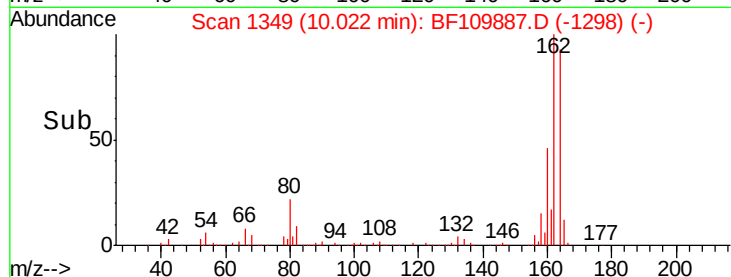


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.936 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Tgt Ion:216 Resp: 565477

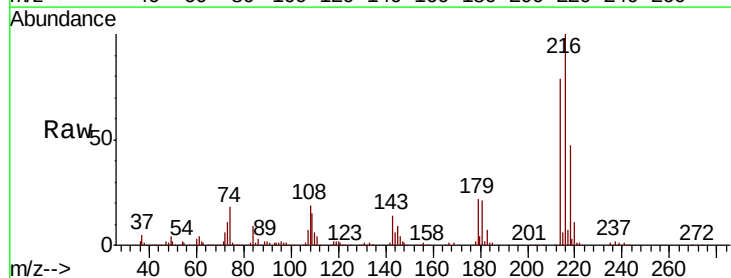
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 22.2 16.6 25.0

108 22.6 15.1 22.7



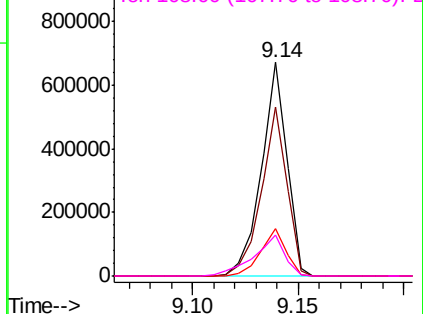
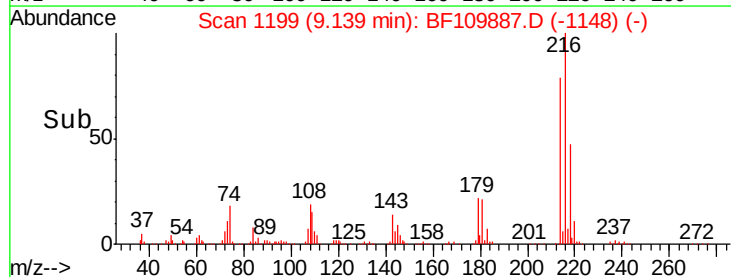
Abundance

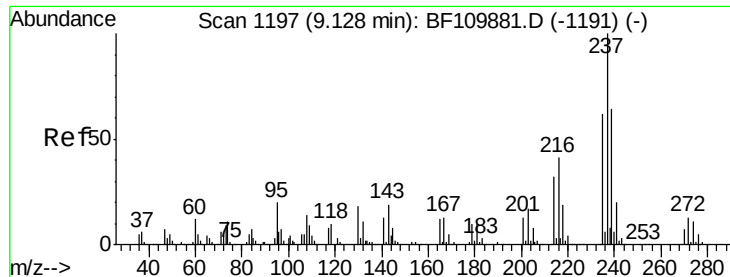
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

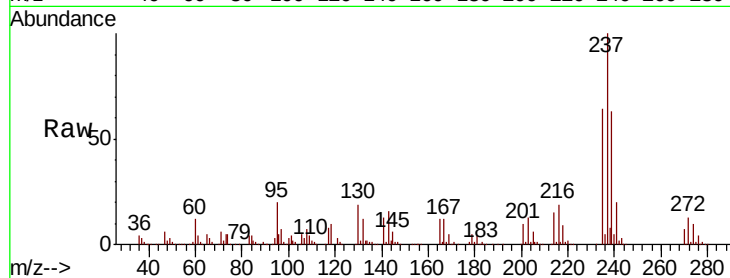




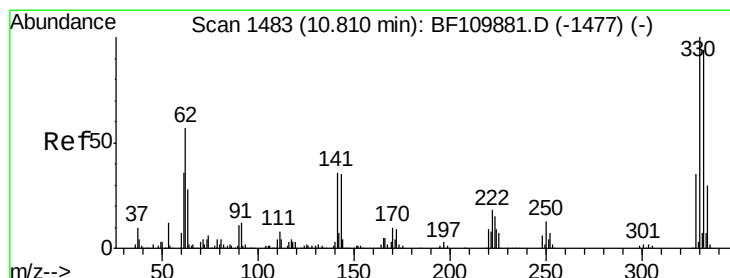
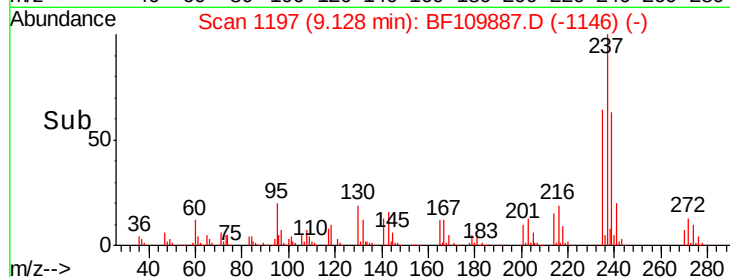
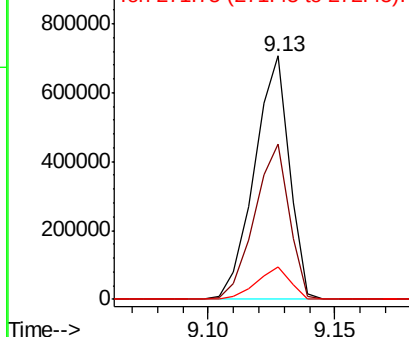
#41
Hexachlorocyclopentadiene
Concen: 106.841 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 679158
Ion Ratio Lower Upper
237 100
235 63.9 43.1 83.1
272 13.4 0.0 32.6

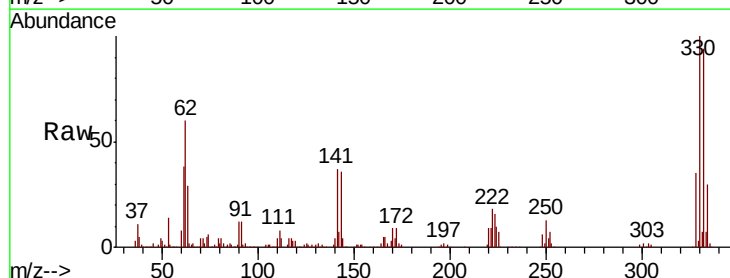


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

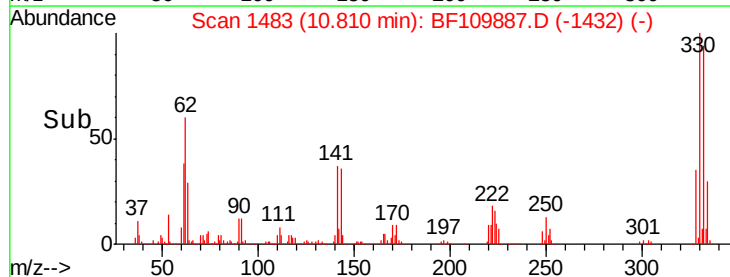
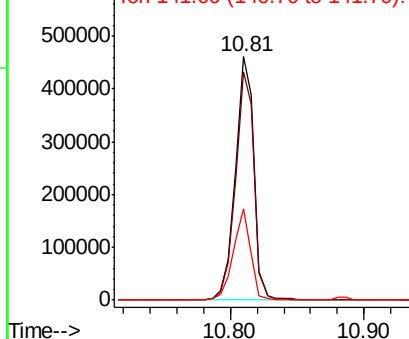


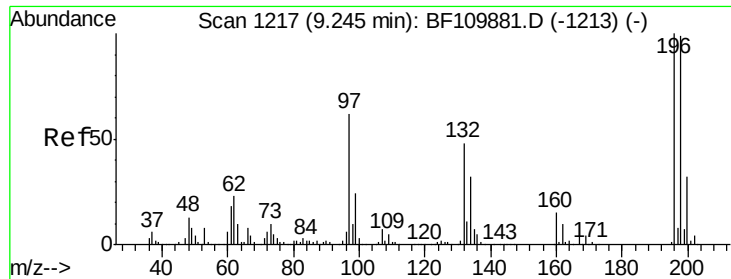
#42
2,4,6-Tribromophenol
Concen: 121.437 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:330 Resp: 449557
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 35.2 27.0 40.4



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

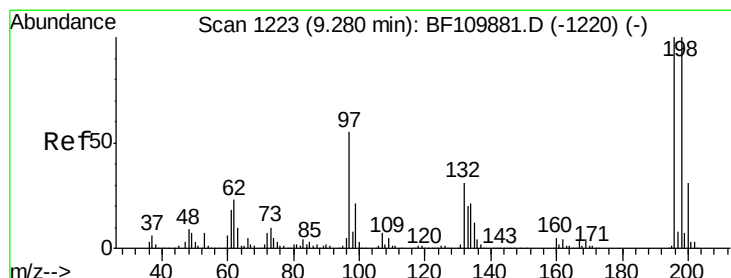
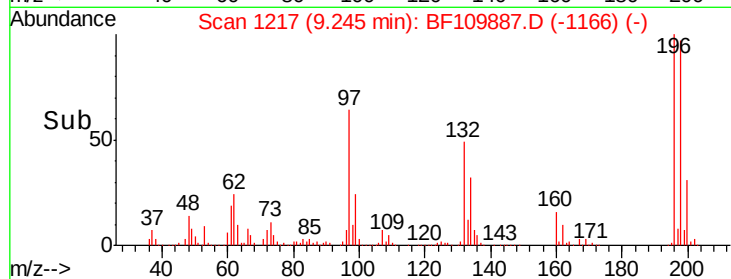
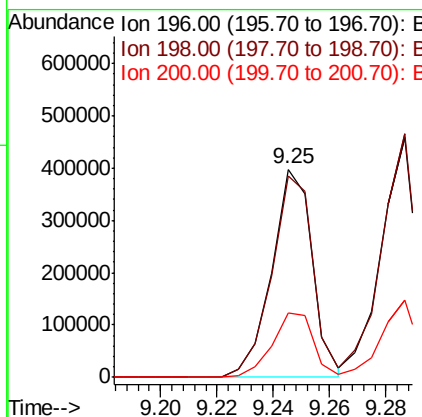
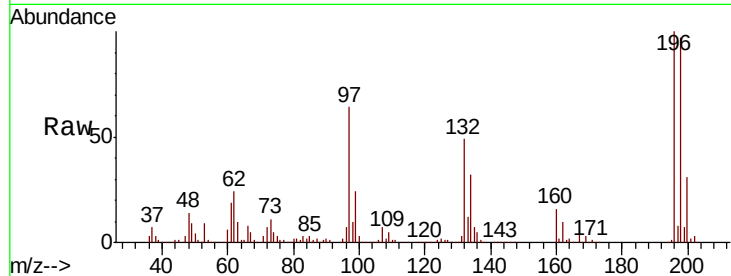




#43
 2,4,6-Trichlorophenol
 Concen: 48.211 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

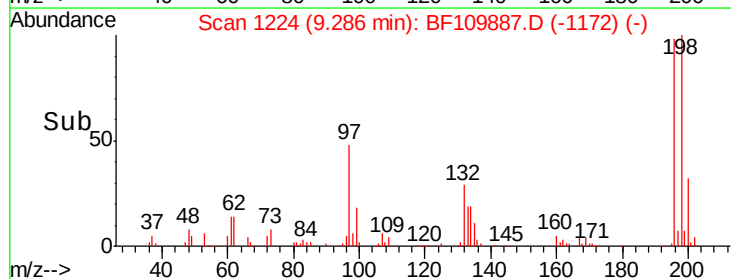
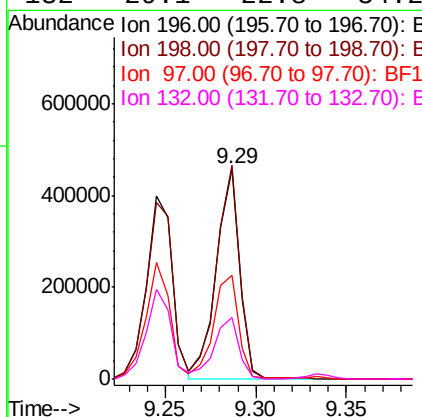
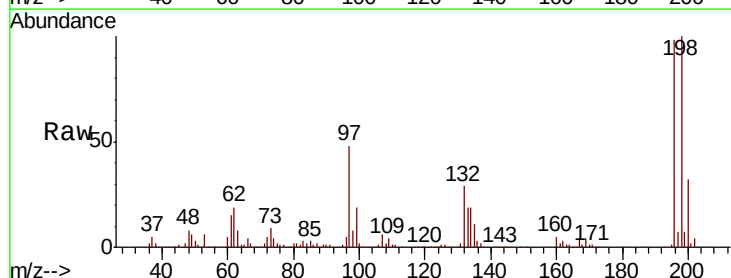
Instrument :
 BNA_F
 ClientSampled :

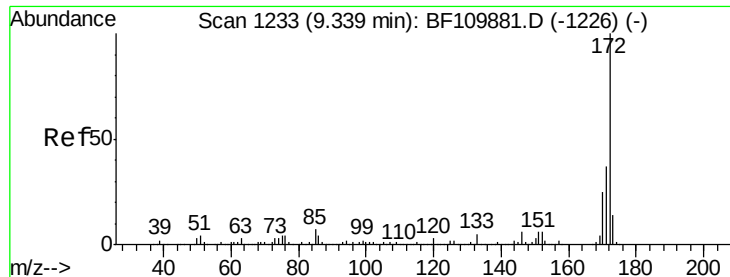
Tot Ion	196	Resp	397032
Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.4
200	31.2	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.838 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Tgt Ion	196	Resp	408877
Ion	Ratio	Lower	Upper
196	100		
198	101.7	75.8	113.6
97	49.3	42.4	63.6
132	29.1	22.8	34.2

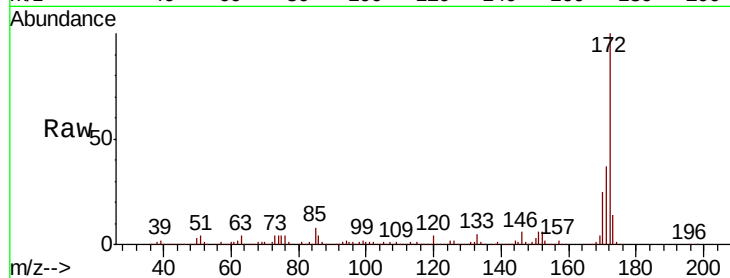




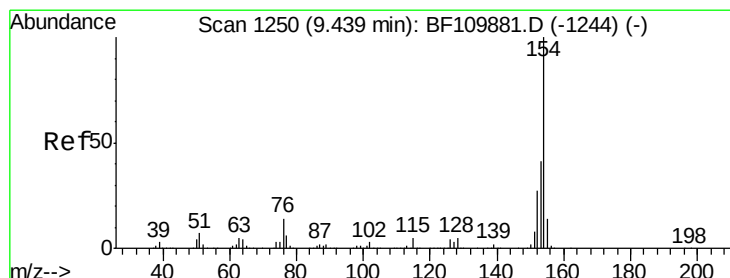
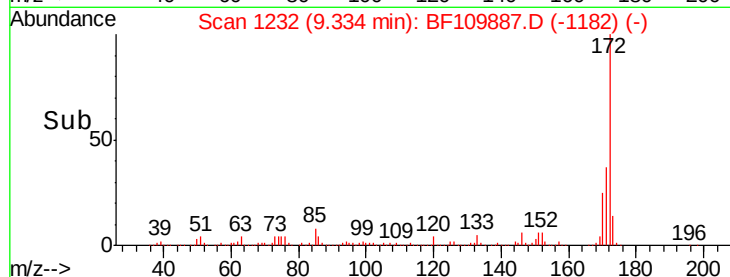
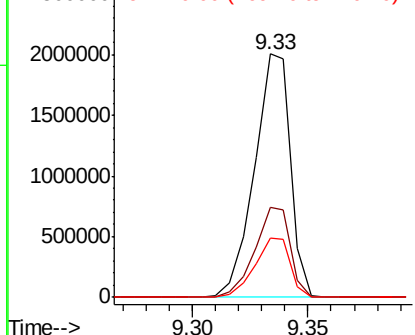
#45
2-Fluorobiphenyl
Concen: 81.393 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2181123
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.6 19.7 29.5

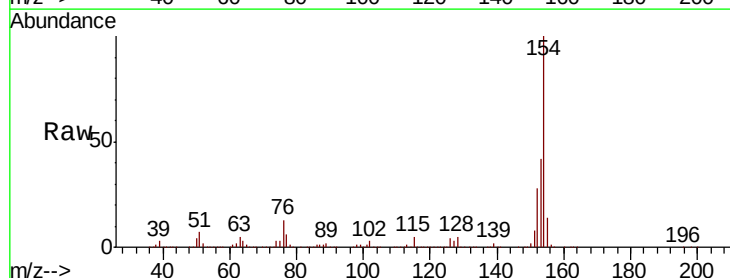


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

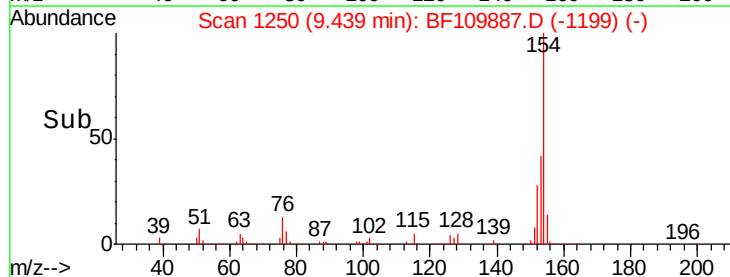
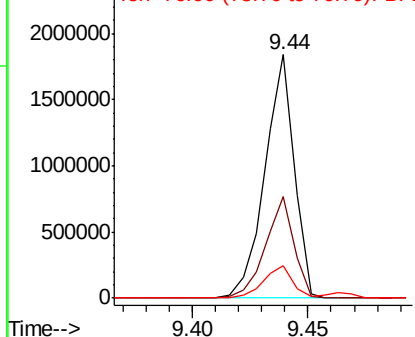


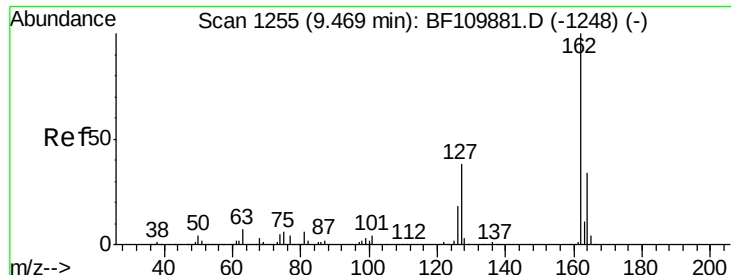
#46
1,1'-Biphenyl
Concen: 42.618 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:154 Resp: 1623607
Ion Ratio Lower Upper
154 100
153 41.8 20.4 60.4
76 13.1 0.0 31.9



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

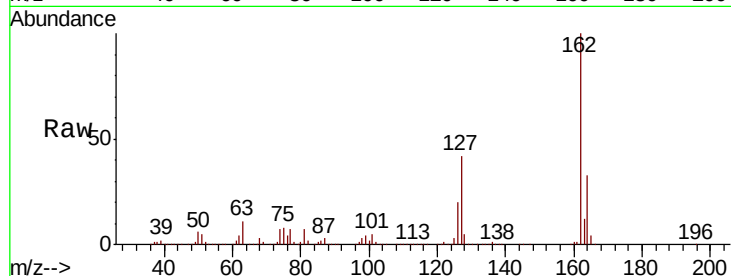




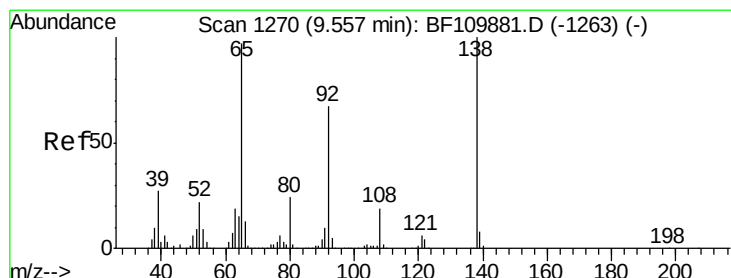
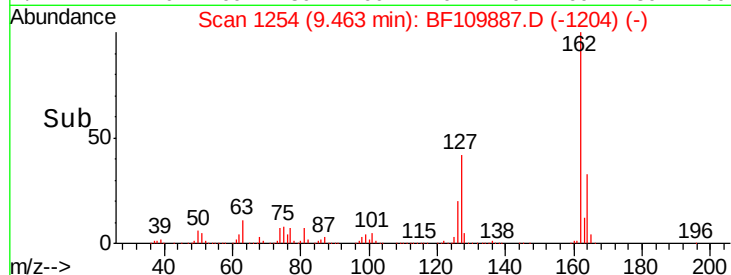
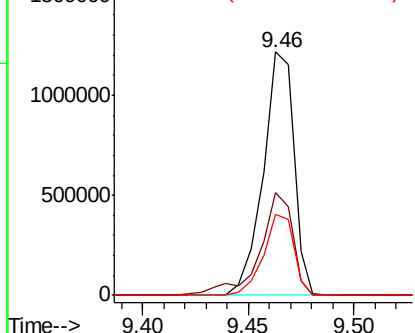
#47
 2-Chloronaphthalene
 Concen: 44.024 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1235396
 Ion Ratio Lower Upper
 162 100
 127 42.3 32.6 48.8
 164 33.3 25.9 38.9

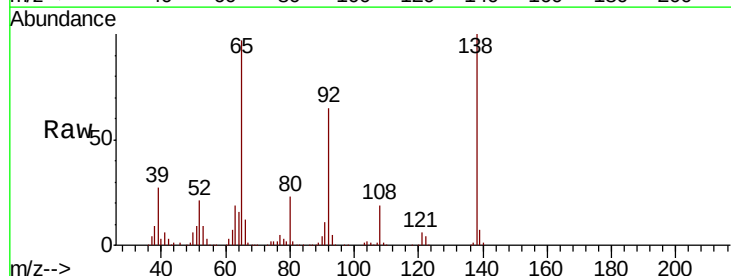


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

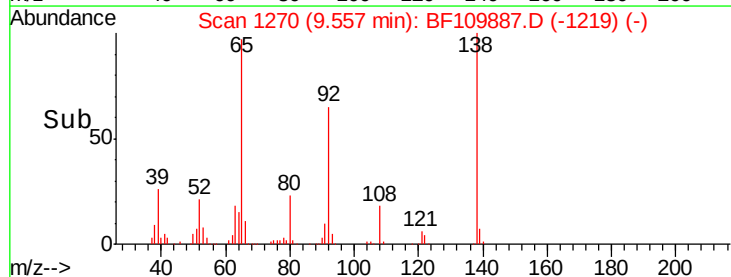
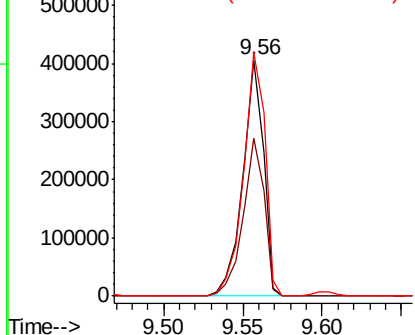


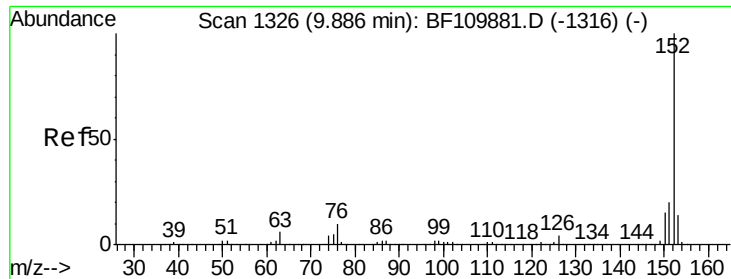
#48
 2-Nitroaniline
 Concen: 50.954 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Tgt Ion: 65 Resp: 366949
 Ion Ratio Lower Upper
 65 100
 92 66.6 54.6 81.8
 138 103.0 80.3 120.5



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





#49

Acenaphthylene

Concen: 47.339 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

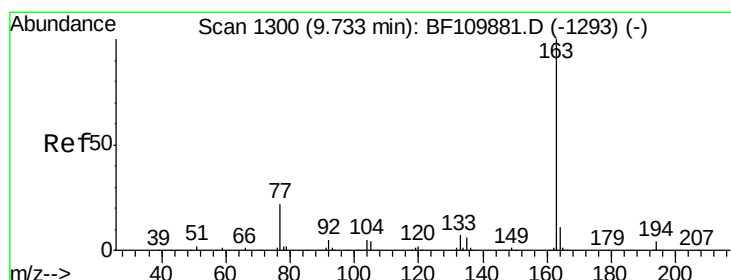
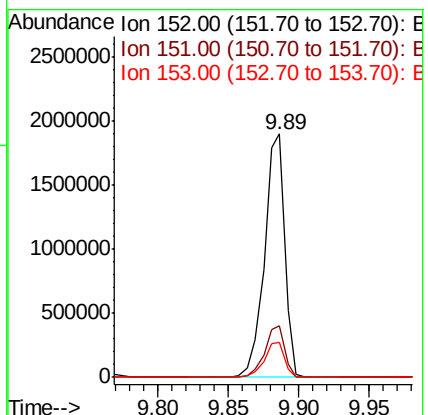
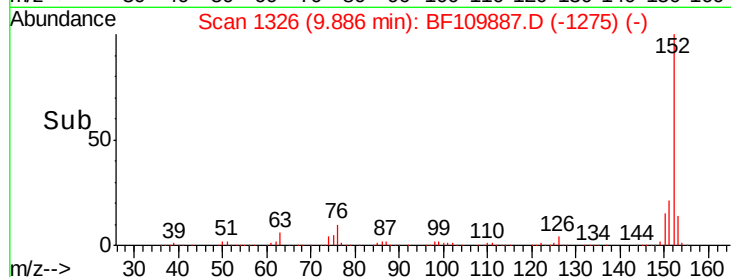
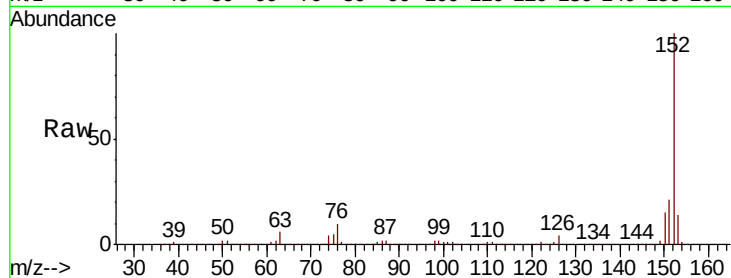
Tot Ion:152 Resp: 1929846

Ion Ratio Lower Upper

152 100

151 21.1 15.8 23.8

153 14.2 10.4 15.6



#50

Dimethylphthalate

Concen: 45.566 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

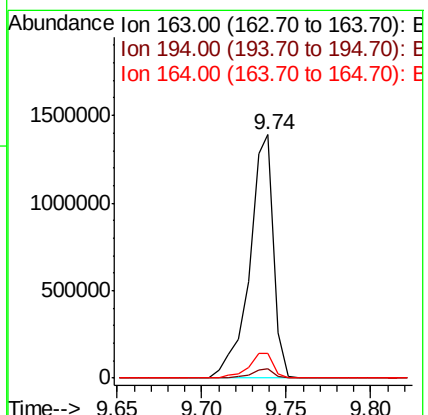
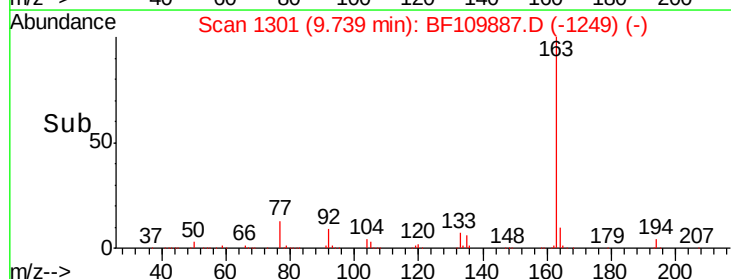
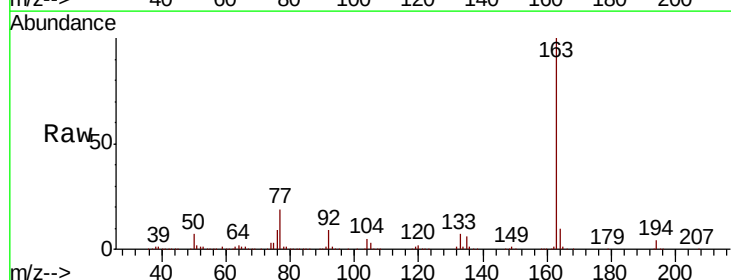
Tgt Ion:163 Resp: 1379615

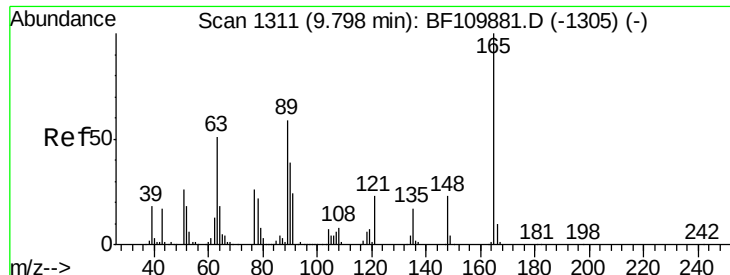
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.1 12.1

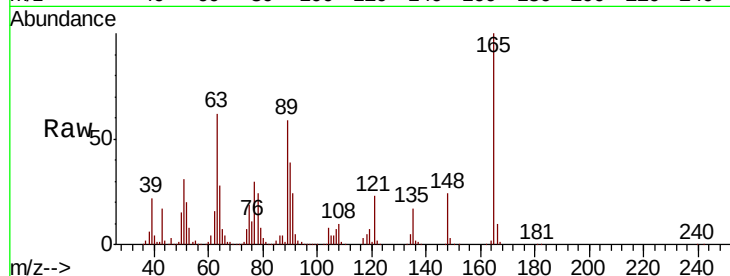




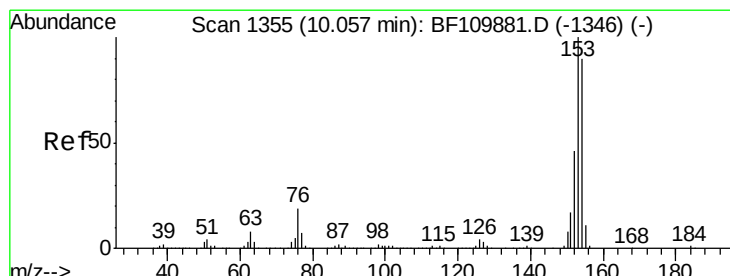
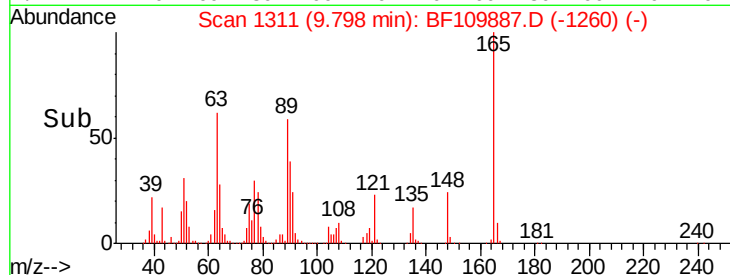
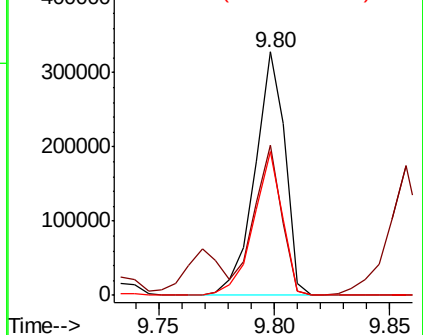
#51
 2,6-Dinitrotoluene
 Concen: 51.949 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 298744
 Ion Ratio Lower Upper
 165 100
 63 61.8 48.9 73.3
 89 58.9 46.6 69.8

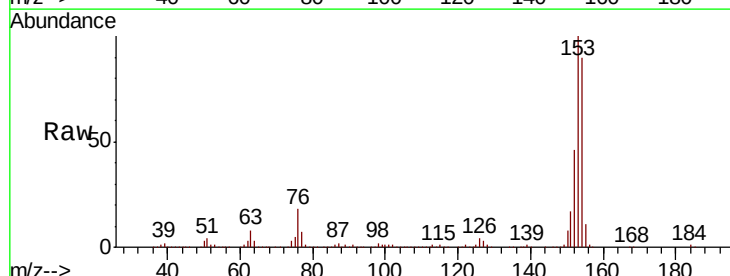


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

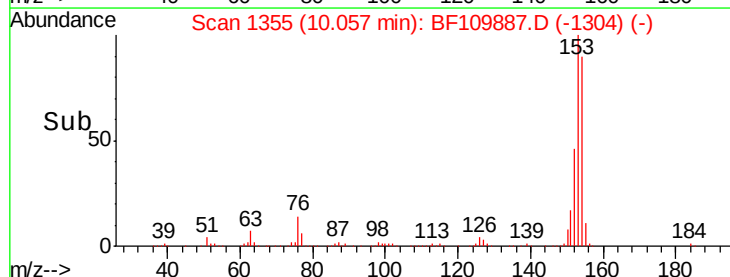
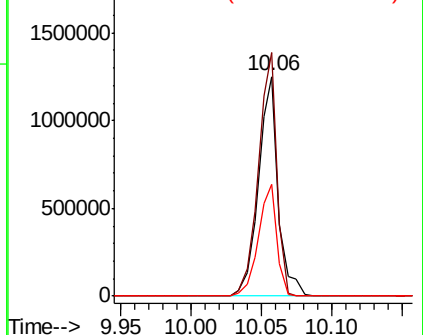


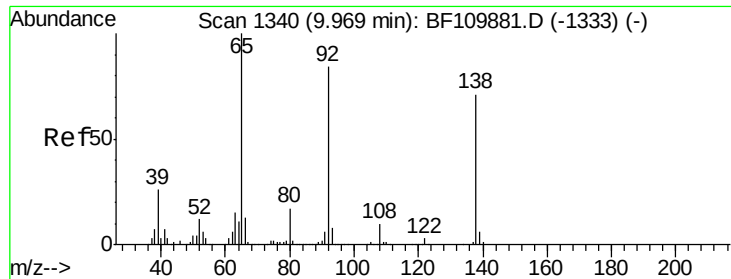
#52
 Acenaphthene
 Concen: 47.586 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Tgt Ion:154 Resp: 1235046
 Ion Ratio Lower Upper
 154 100
 153 111.0 90.1 135.1
 152 50.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

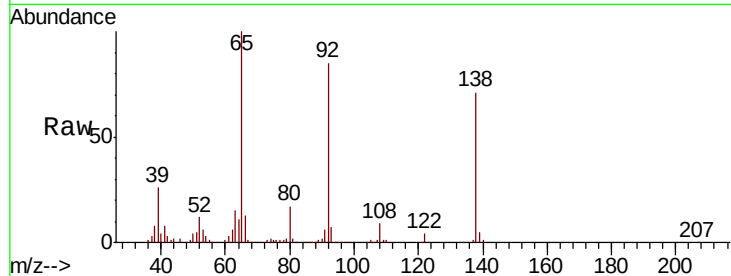




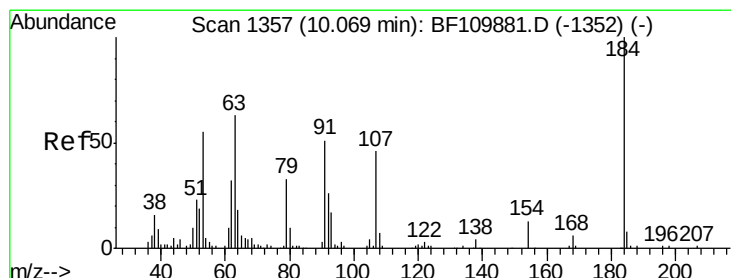
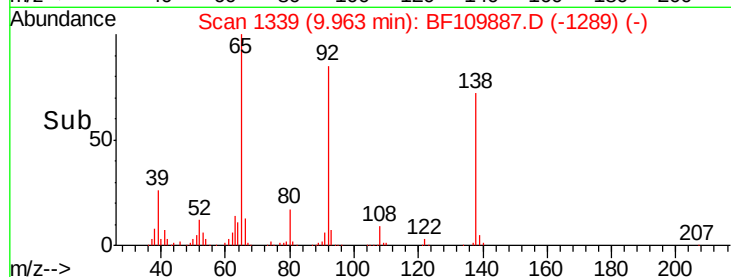
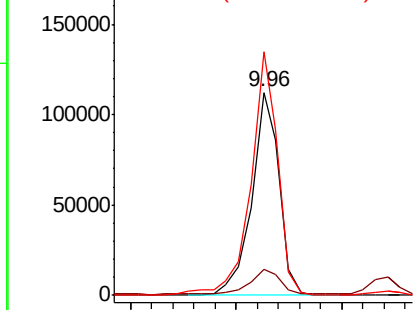
#53
3-Nitroaniline
Concen: 14.418 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100859
Ion Ratio Lower Upper
138 100
108 13.1 8.7 13.1#
92 119.8 97.0 145.4

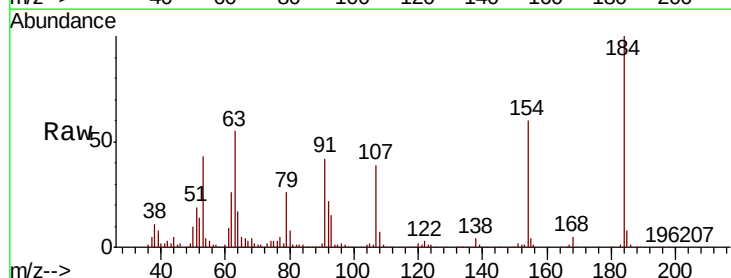


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

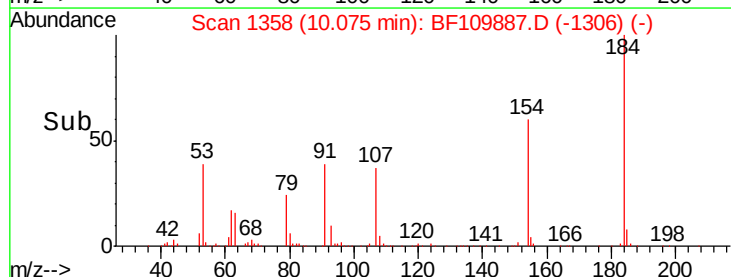
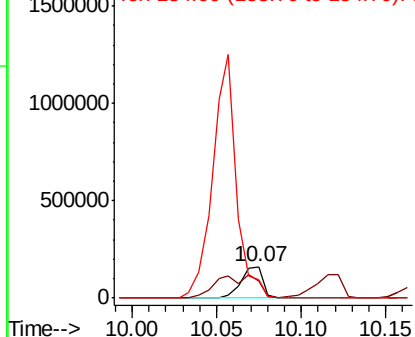


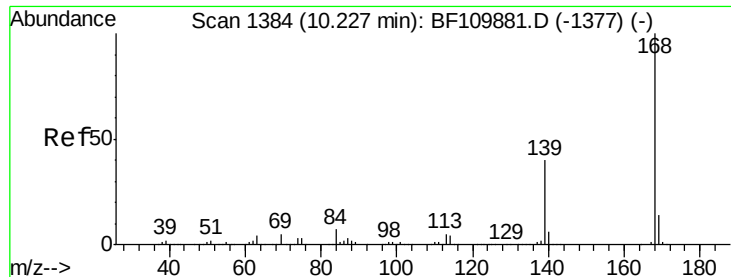
#54
2,4-Dinitrophenol
Concen: 79.362 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:184 Resp: 145241
Ion Ratio Lower Upper
184 100
63 54.9 55.8 83.6#
154 60.1 63.2 94.8#



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





#55

Dibenzofuran

Concen: 45.138 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

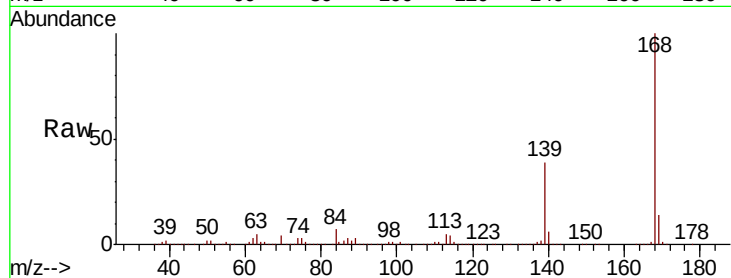
Instrument :

BNA_F

ClientSampleId :

Tot Ion:168 Resp: 1670730

Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.6
169	14.0	11.3	16.9

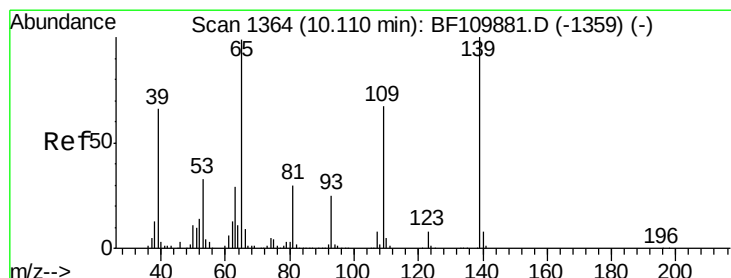
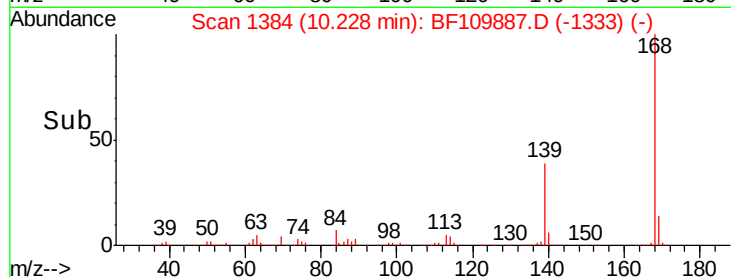
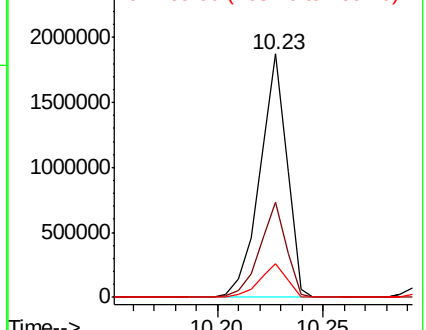


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.758 ng

RT: 10.12 min Scan# 1366

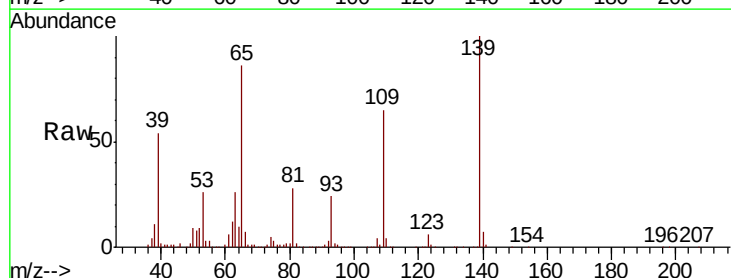
Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Tgt Ion:139 Resp: 495112

Ion	Ratio	Lower	Upper
139	100		
109	64.7	55.8	95.8
65	86.3	77.9	117.9

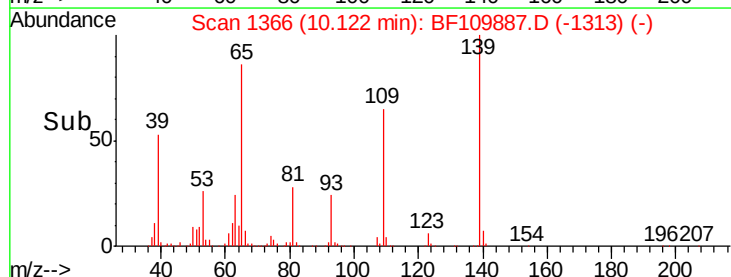
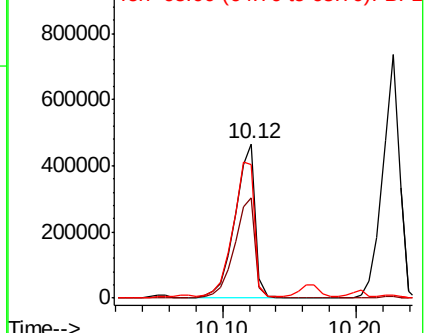


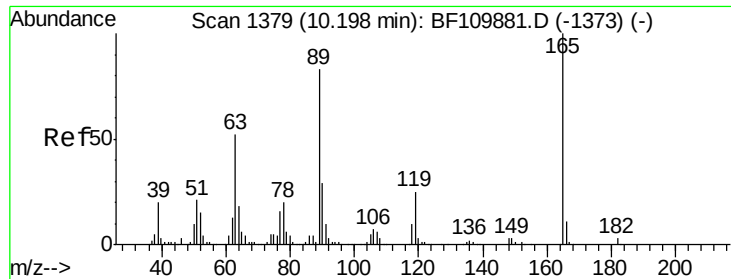
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

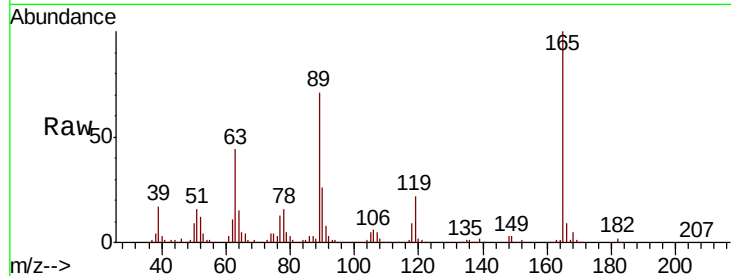




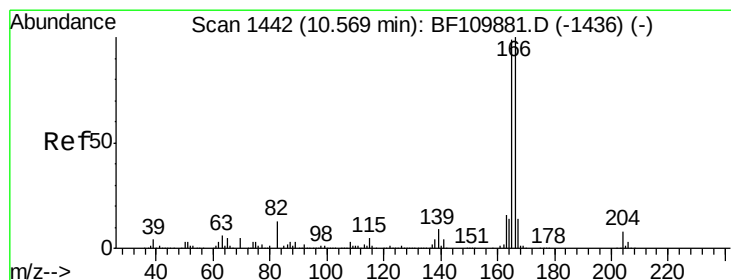
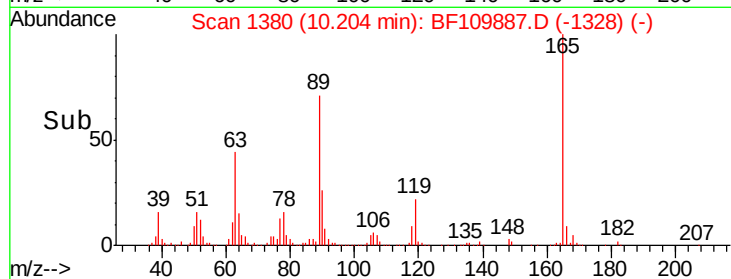
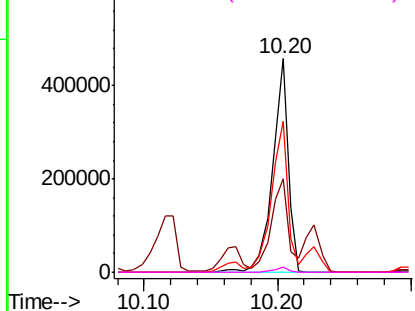
#57
2,4-Dinitrotoluene
Concen: 51.636 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	43.8	44.8	67.2	
89	70.9	62.2	93.4	
182	2.2	2.1	3.1	

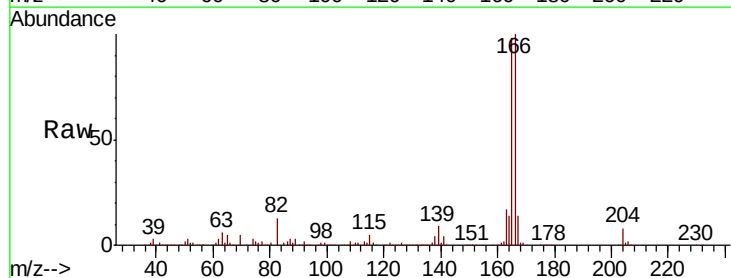


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

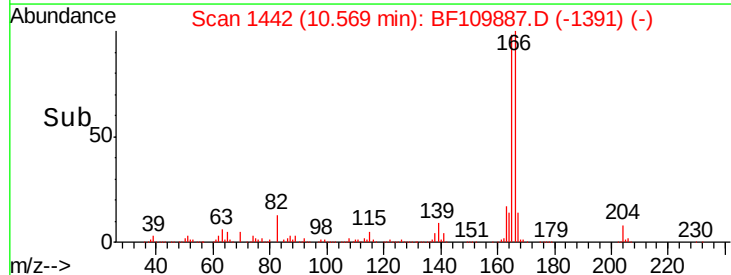
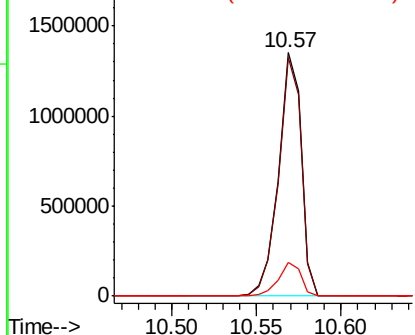


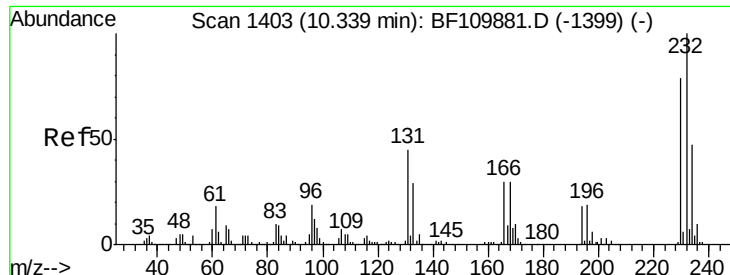
#58
Fluorene
Concen: 47.094 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.8	78.6	117.8	
167	13.8	10.8	16.2	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

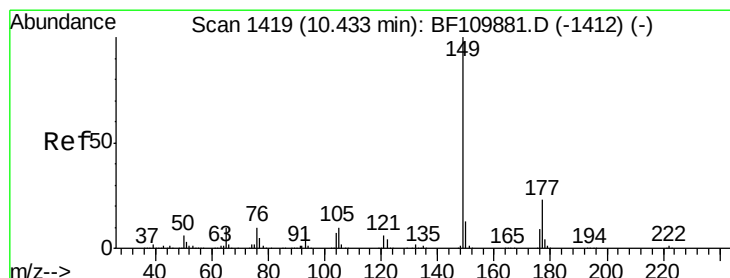
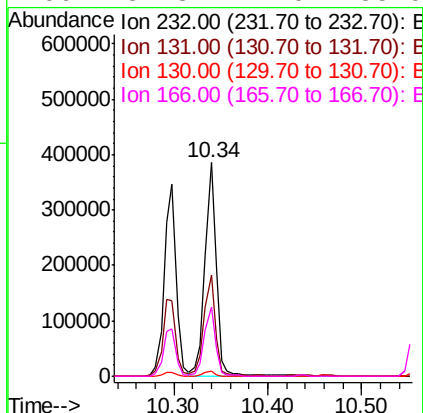
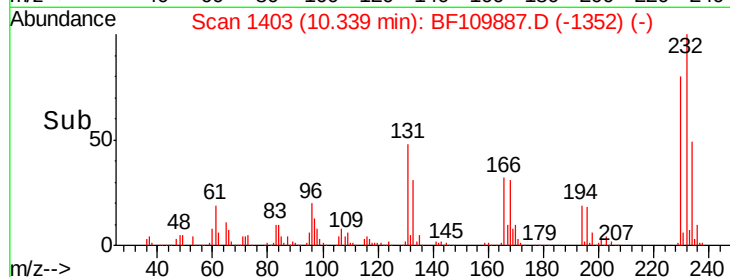
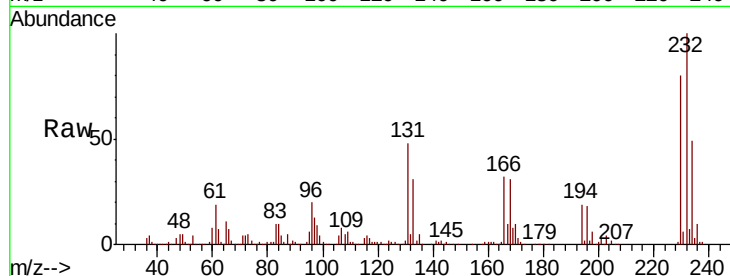




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.116 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

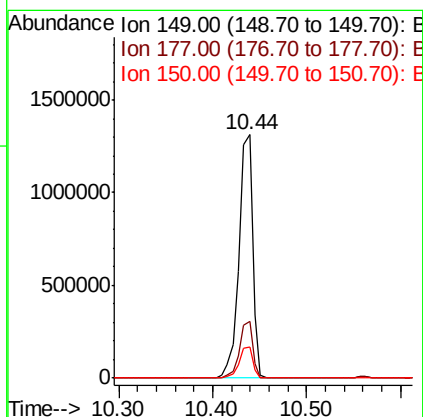
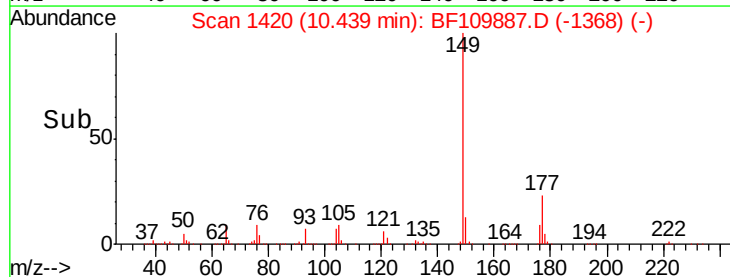
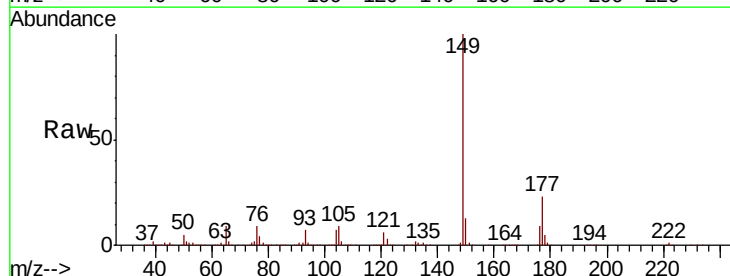
Instrument :
BNA_F
ClientSampled :

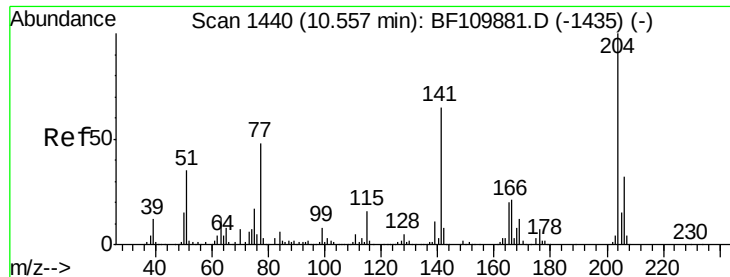
Tot Ion:232 Resp: 325933
Ion Ratio Lower Upper
232 100
131 47.2 37.0 55.4
130 2.3 1.8 2.6
166 31.8 22.0 33.0



#60
Diethylphthalate
Concen: 44.761 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:149 Resp: 1338532
Ion Ratio Lower Upper
149 100
177 23.4 17.4 26.2
150 12.8 9.8 14.8

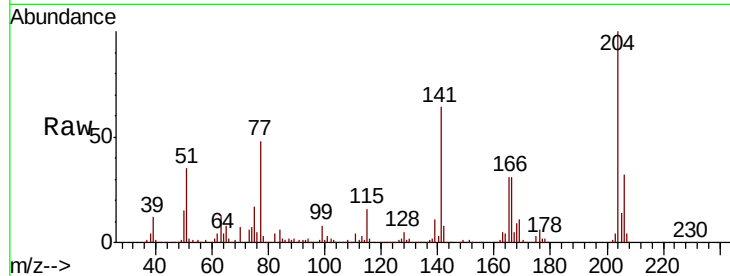




#61
4-Chlorophenyl-phenylether
Concen: 42.745 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	64.1	51.8	77.8

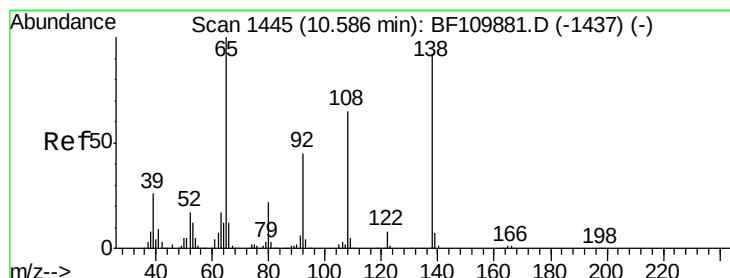
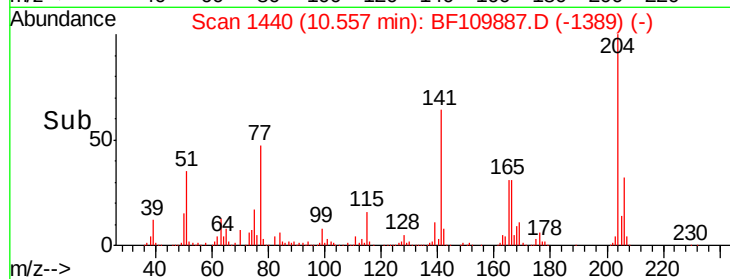
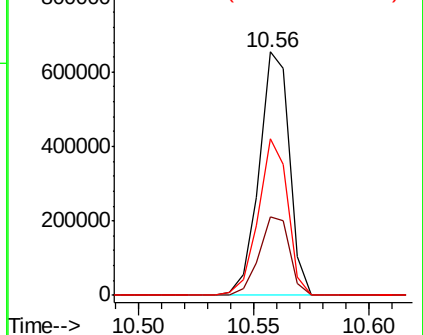


Abundance

Ion 204.00 (203.70 to 204.70): E

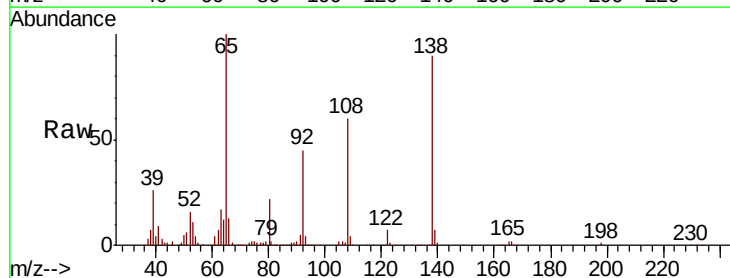
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.129 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	31.7	71.7
108	66.7	59.3	99.3

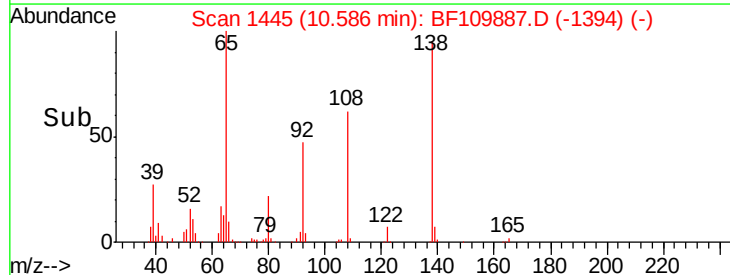
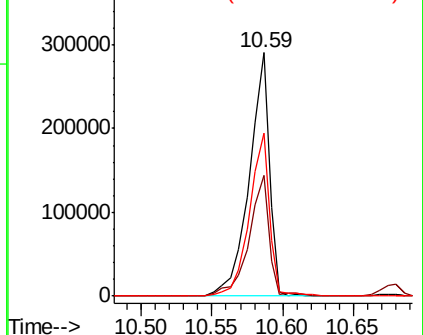


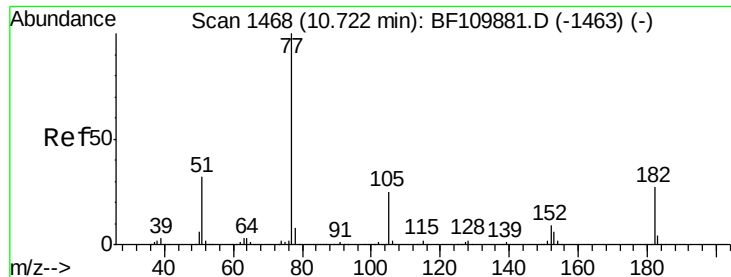
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

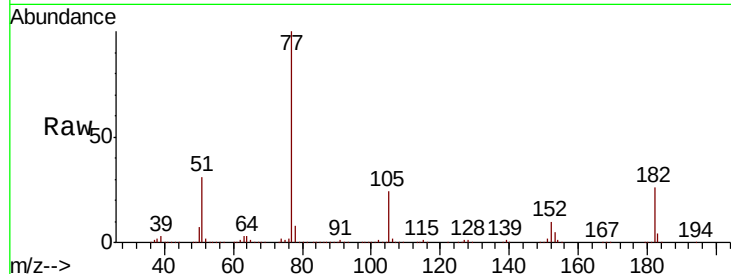




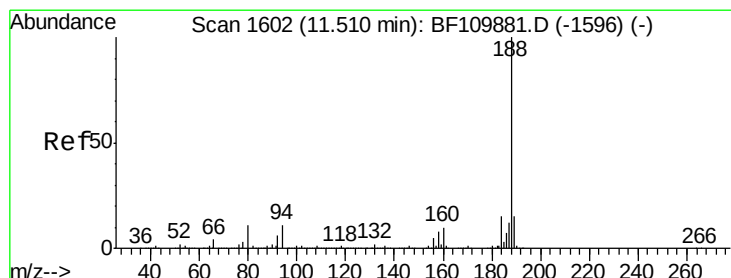
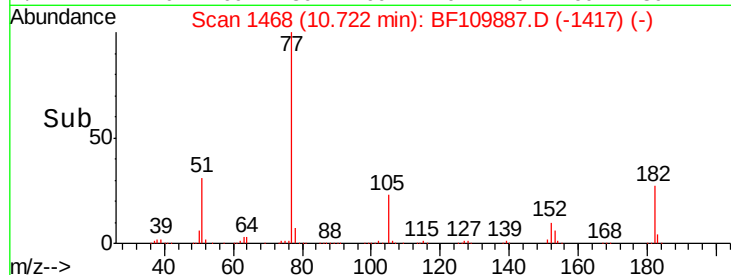
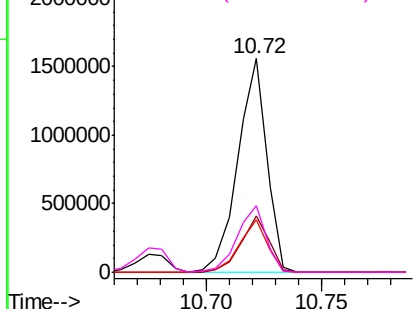
#63
Azobenzene
Concen: 43.640 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1363352
Ion Ratio Lower Upper
77 100
182 26.4 4.3 44.3
105 24.4 1.3 41.3
51 30.9 9.0 49.0

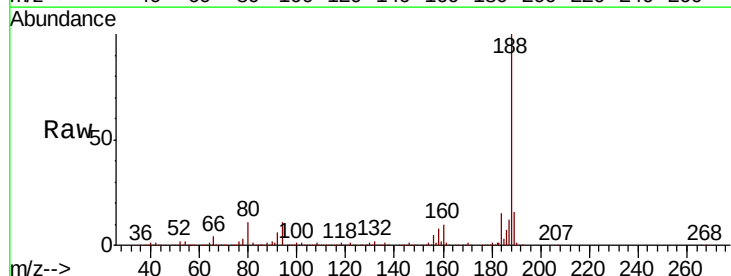


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

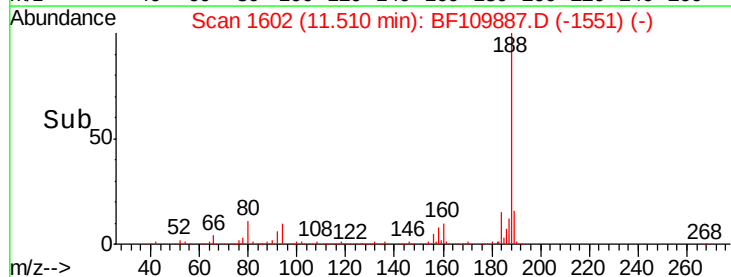
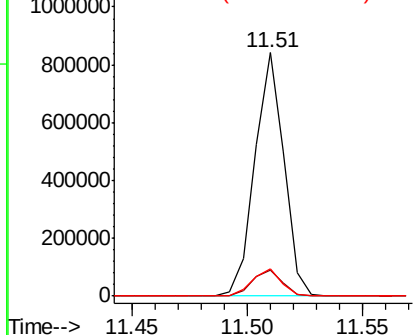


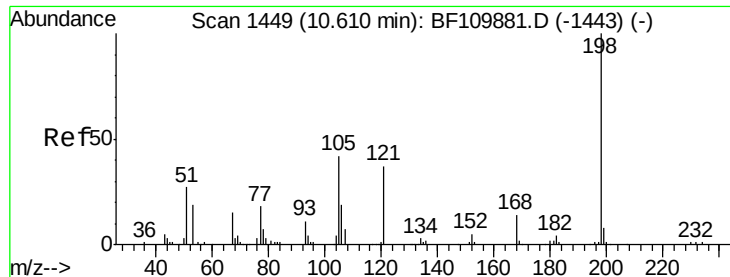
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion: 188 Resp: 743254
Ion Ratio Lower Upper
188 100
94 10.8 7.2 10.8
80 11.4 7.9 11.9



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

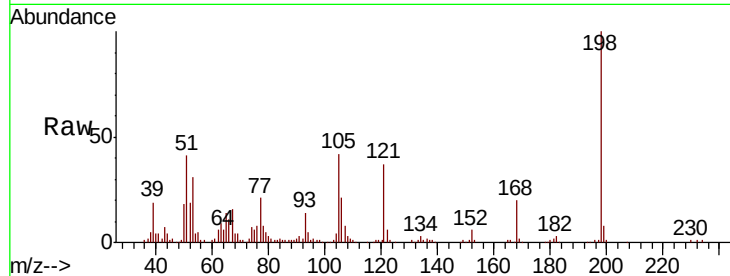




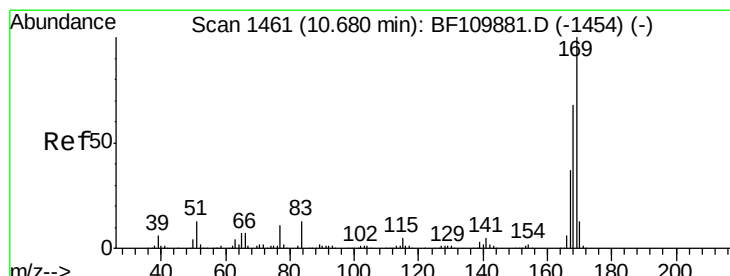
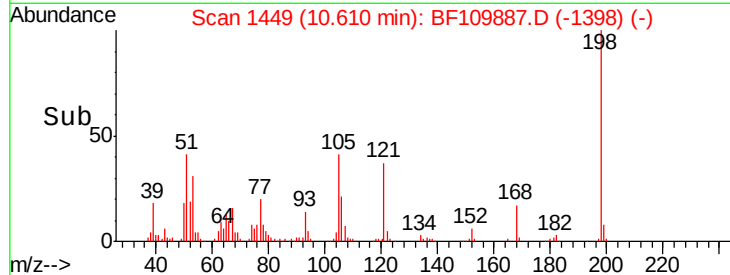
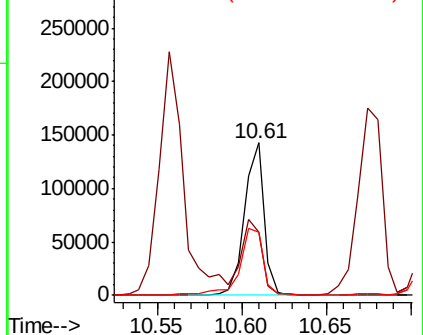
#65
4,6-Dinitro-2-methylphenol
Concen: 43.655 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 115240
Ion Ratio Lower Upper
198 100
51 41.1 22.8 62.8
105 41.7 23.6 63.6

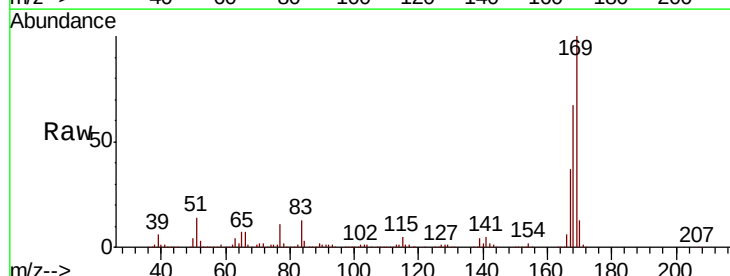


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

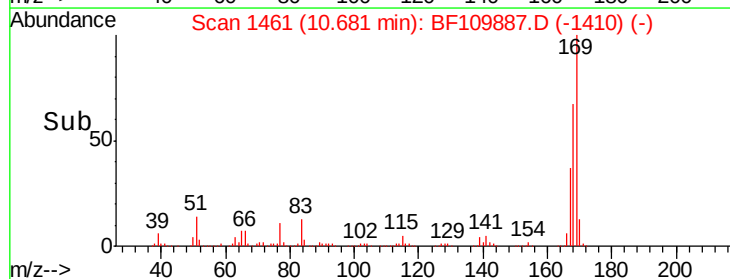
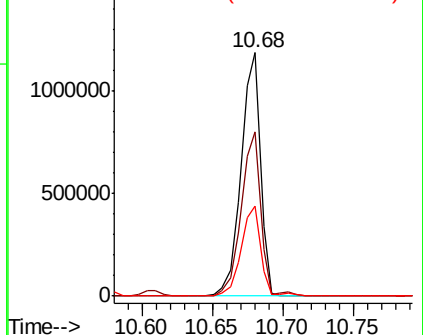


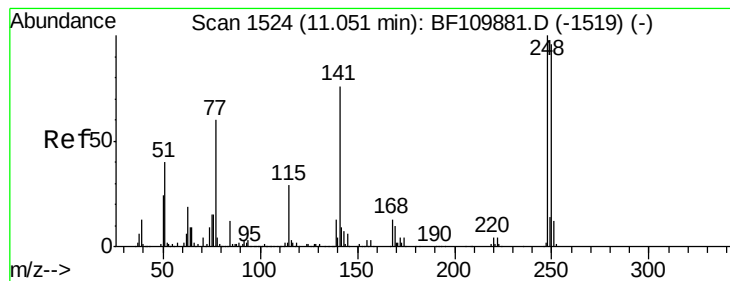
#66
n-Nitrosodiphenylamine
Concen: 45.524 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:169 Resp: 1126953
Ion Ratio Lower Upper
169 100
168 67.5 51.2 76.8
167 37.0 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.877 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

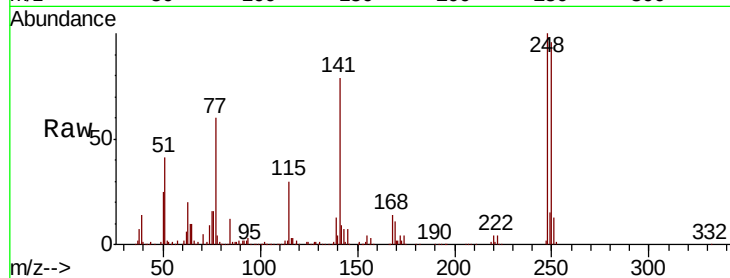
Tot Ion:248 Resp: 369540

Ion Ratio Lower Upper

248 100

250 96.1 79.4 119.2

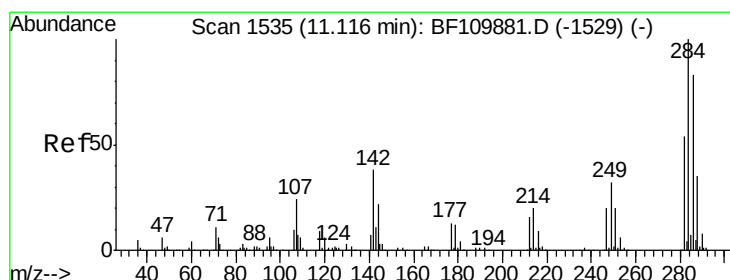
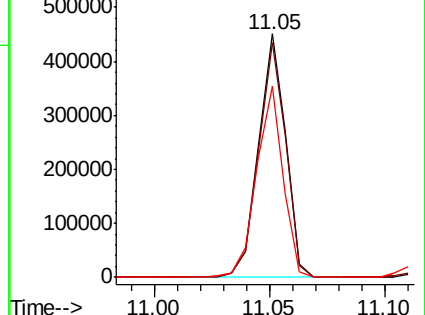
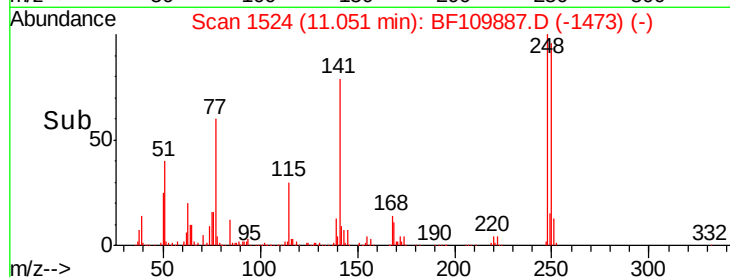
141 78.8 55.9 83.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 45.339 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

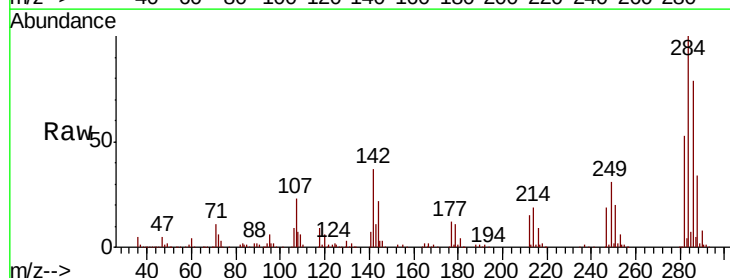
Tgt Ion:284 Resp: 389445

Ion Ratio Lower Upper

284 100

142 37.5 23.9 35.9#

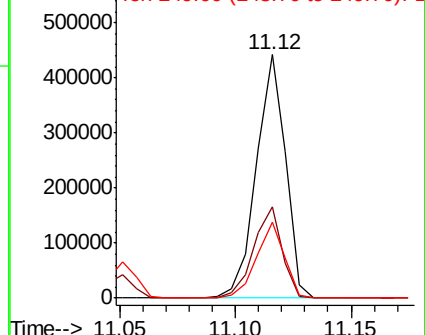
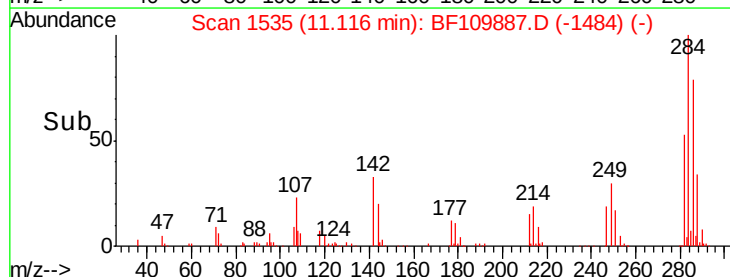
249 31.1 24.2 36.2

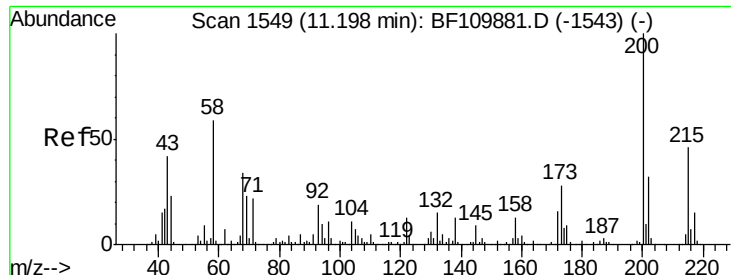


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.083 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

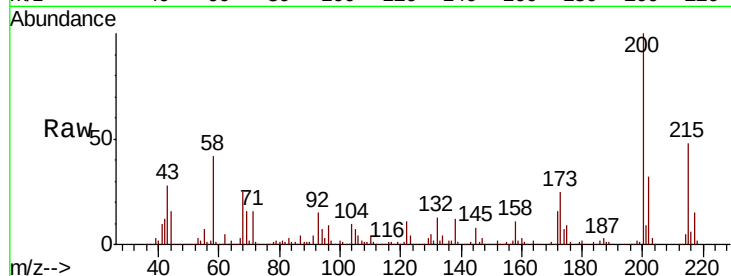
Tot Ion:200 Resp: 356342

Ion Ratio Lower Upper

200 100

173 25.2 6.6 46.6

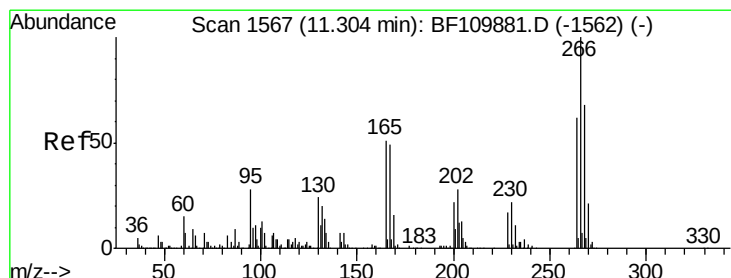
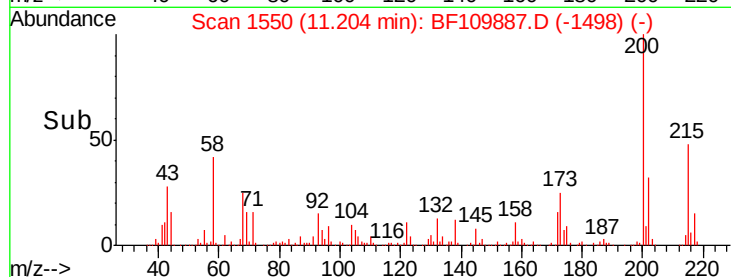
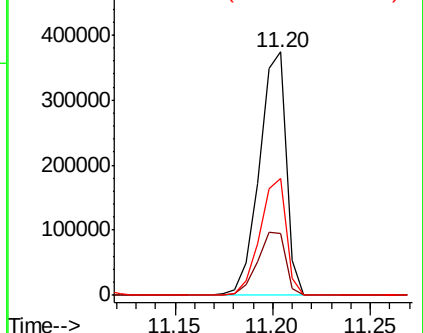
215 47.8 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.266 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

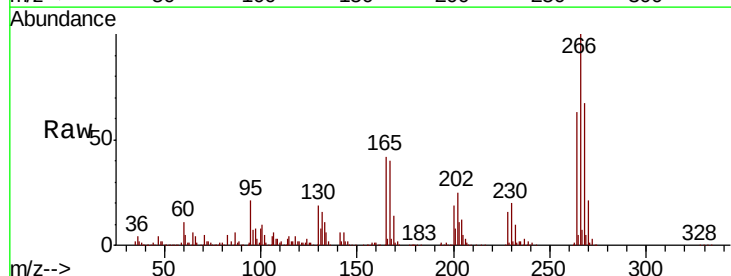
Tgt Ion:266 Resp: 348374

Ion Ratio Lower Upper

266 100

268 66.7 50.6 75.8

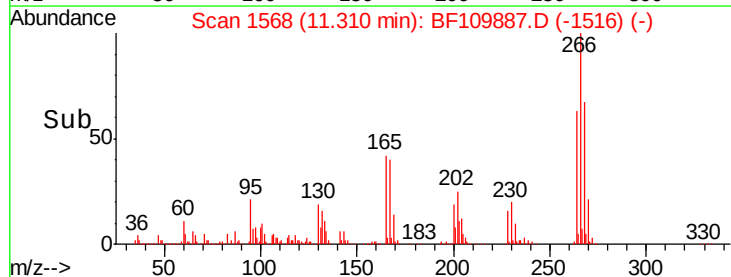
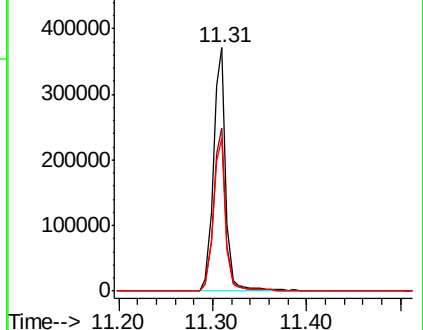
264 62.6 50.6 75.8

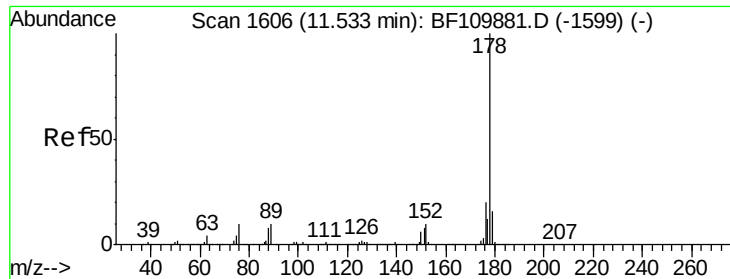


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

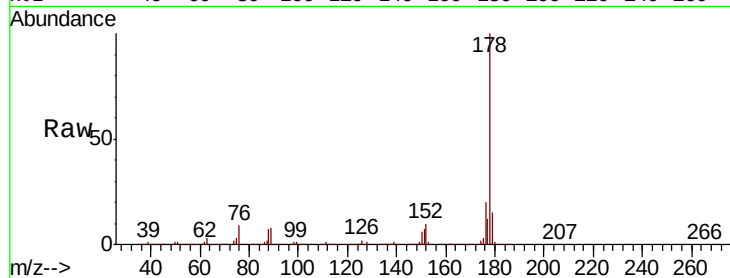




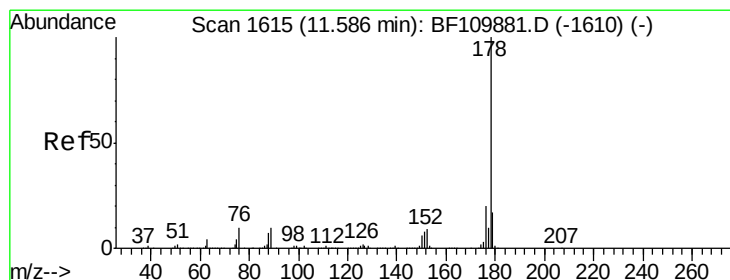
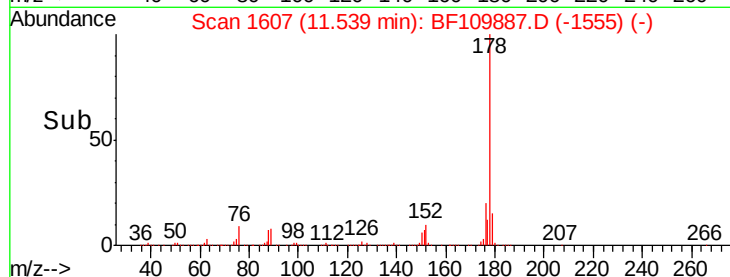
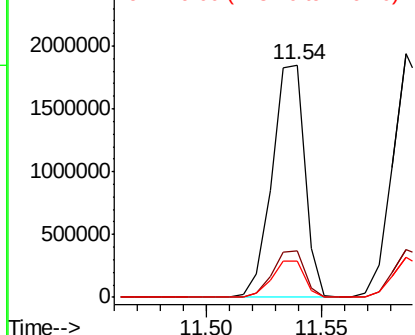
#71
Phenanthrene
Concen: 47.325 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1820991
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.5 12.5 18.7

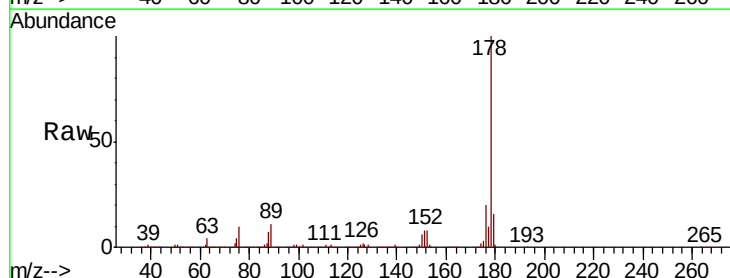


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

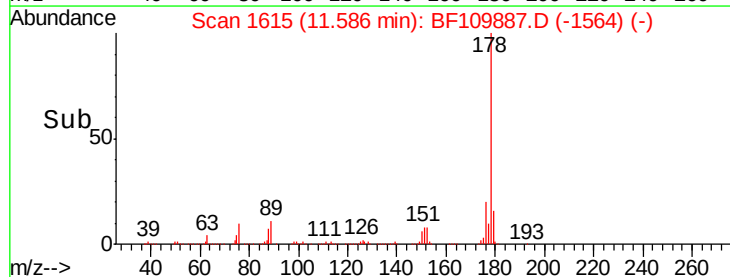
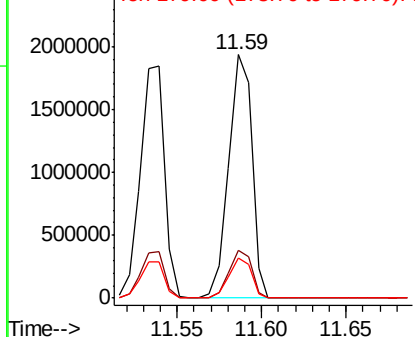


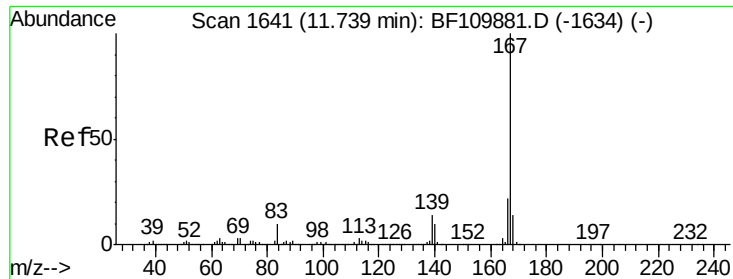
#72
Anthracene
Concen: 47.873 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:178 Resp: 1851965
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.4 12.6 18.8



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

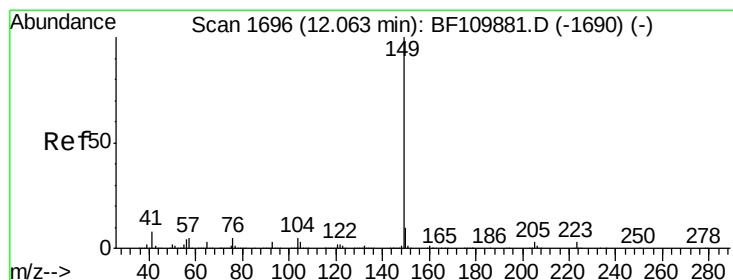
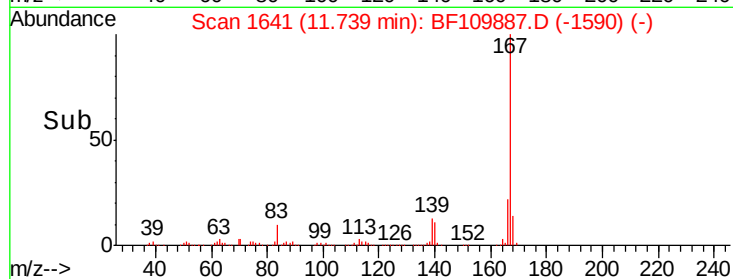
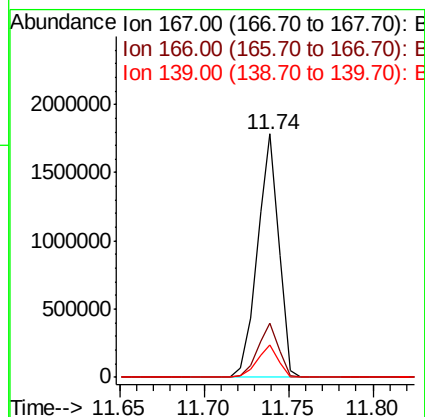
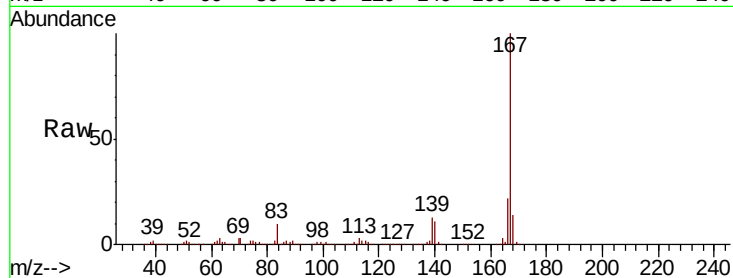




#73
 Carbazole
 Concen: 41.364 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

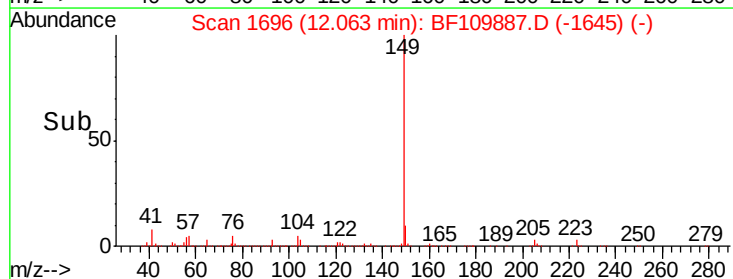
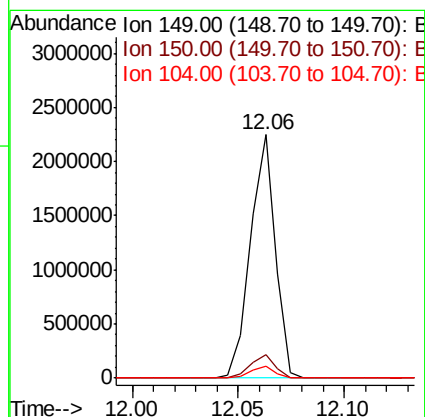
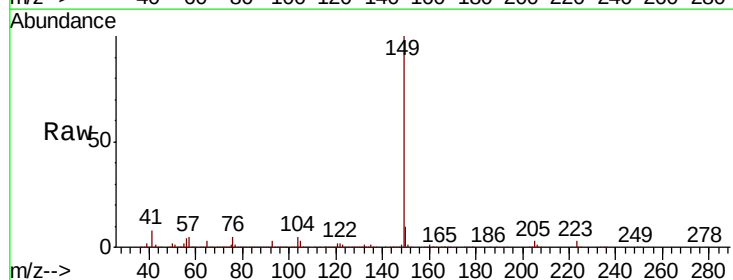
Instrument :
 BNA_F
 ClientSampled :

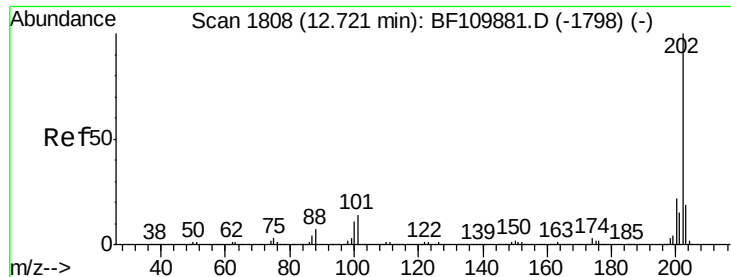
Tot Ion:167 Resp: 1572646
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 43.281 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109887.D
 Acq: 15 Oct 2018 19:00

Tgt Ion:149 Resp: 1836445
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.2 4.2 6.4

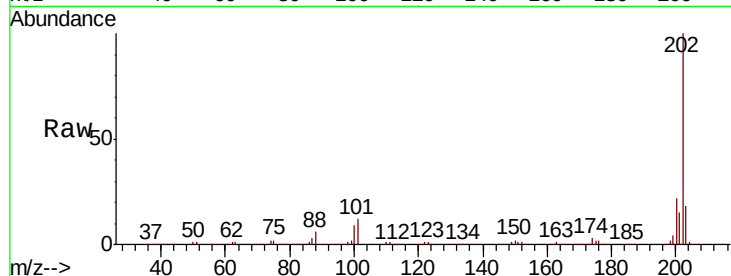




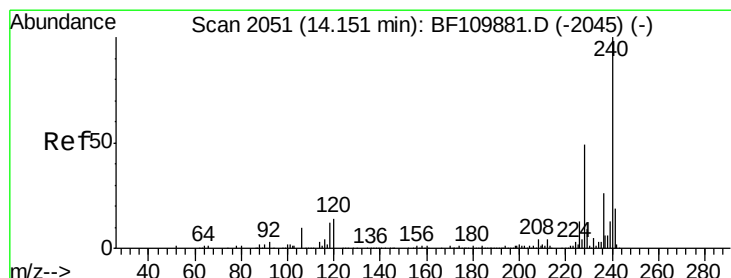
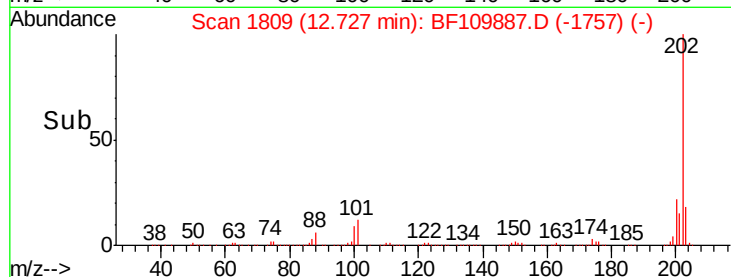
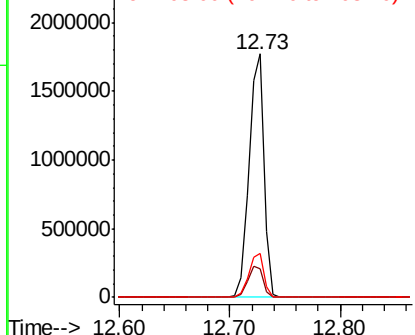
#75
Fluoranthene
Concen: 43.709 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1680149
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.1 0.0 37.7

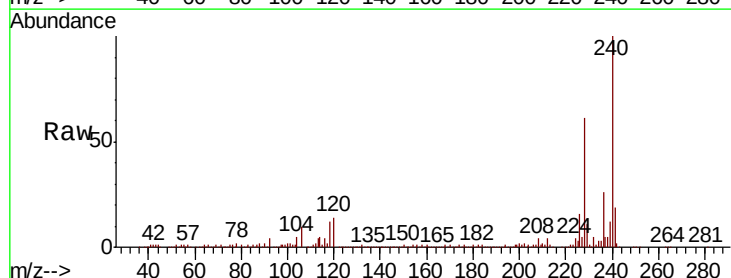


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

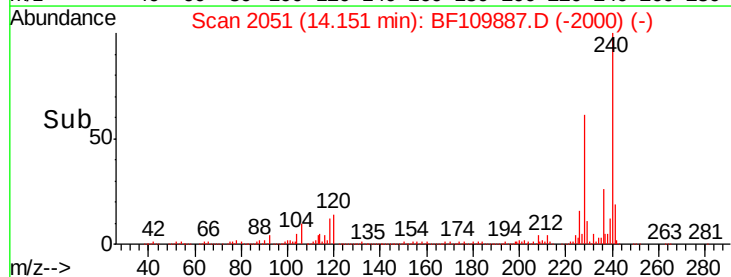
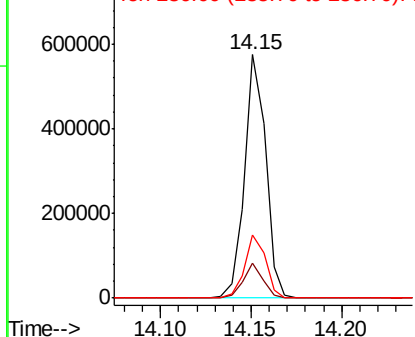


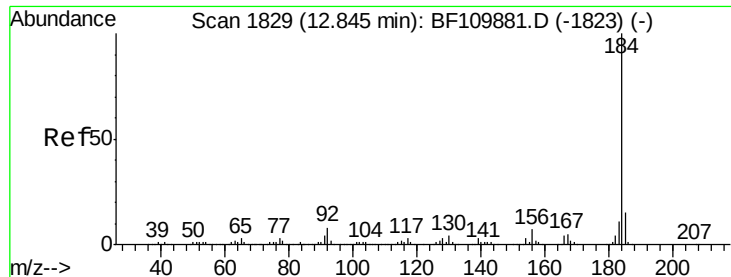
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:240 Resp: 465431
Ion Ratio Lower Upper
240 100
120 14.2 8.3 12.5#
236 25.7 21.2 31.8



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





#77

Benzidine

Concen: 22.326 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

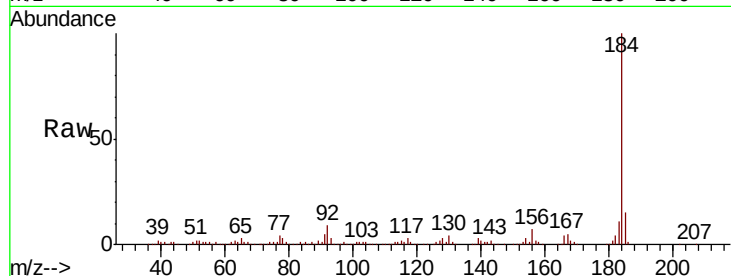
Tot Ion:184 Resp: 398405

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

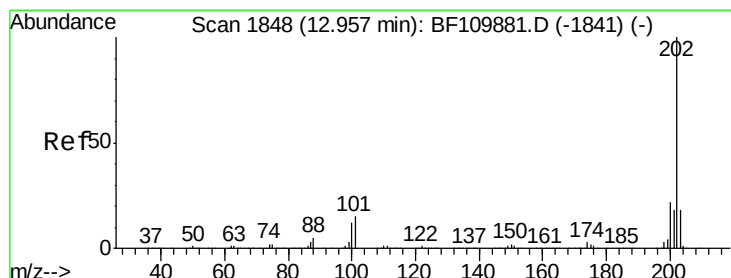
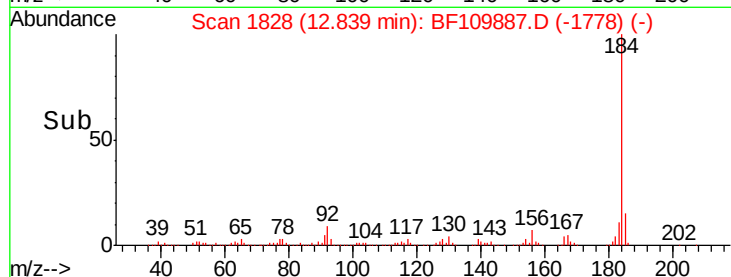
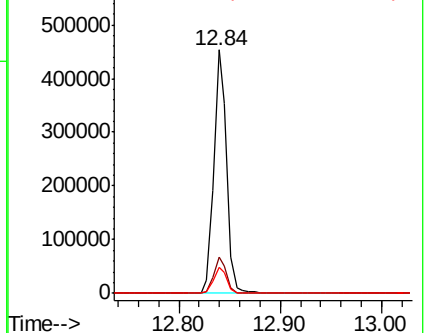
183 10.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.291 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

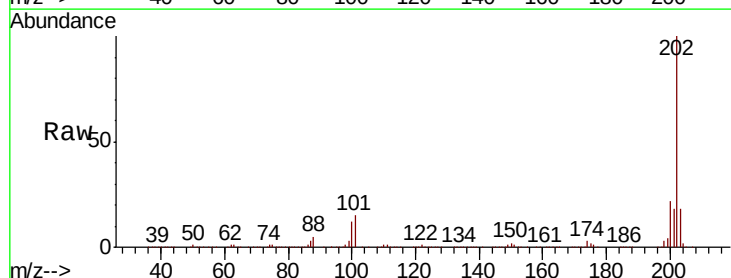
Tgt Ion:202 Resp: 1650810

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

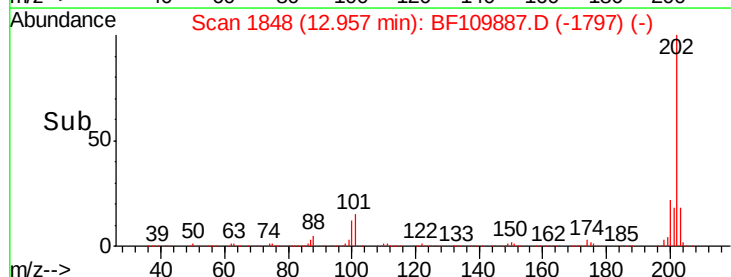
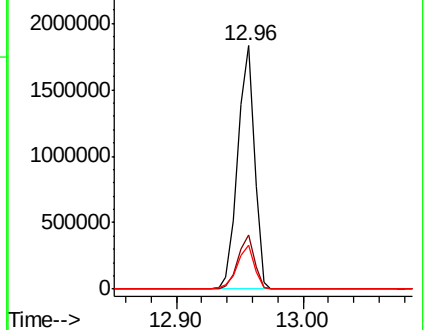
203 18.1 14.2 21.4

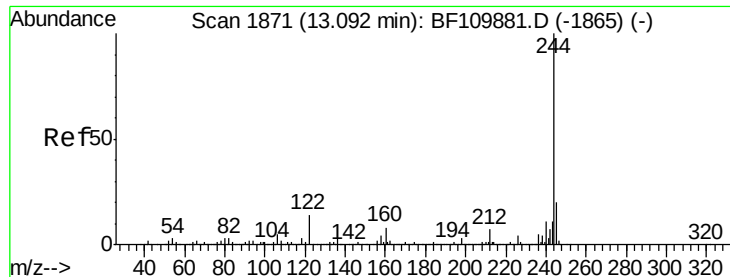


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.324 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampled :

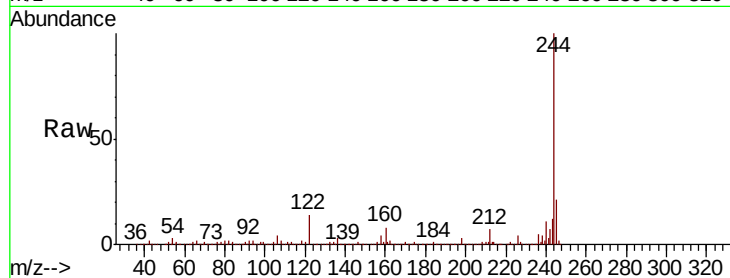
Tot Ion:244 Resp: 1758149

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

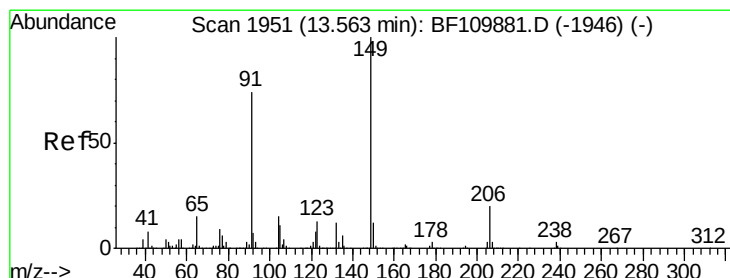
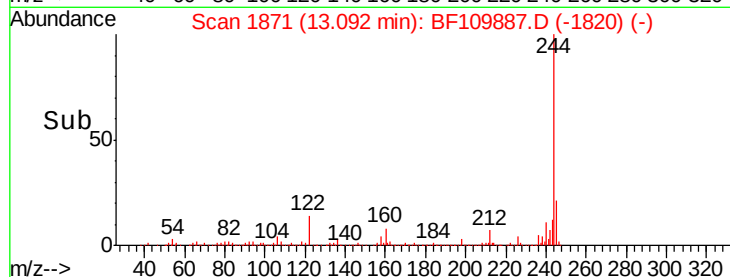
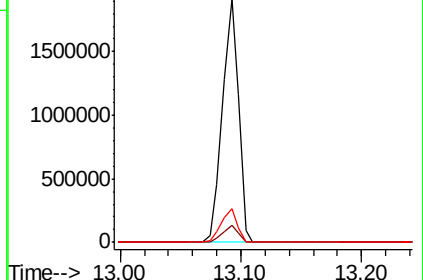
122 13.6 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.066 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

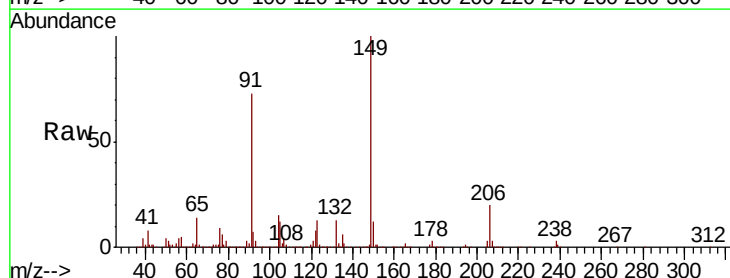
Tgt Ion:149 Resp: 650470

Ion Ratio Lower Upper

149 100

91 73.3 57.2 85.8

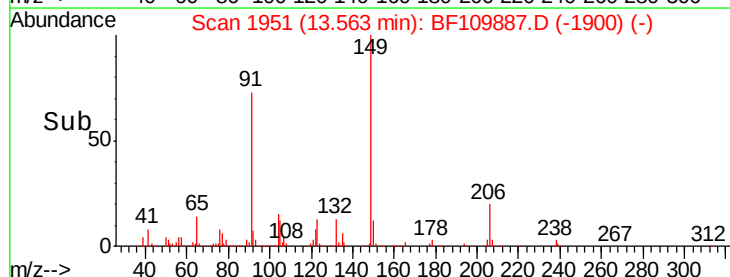
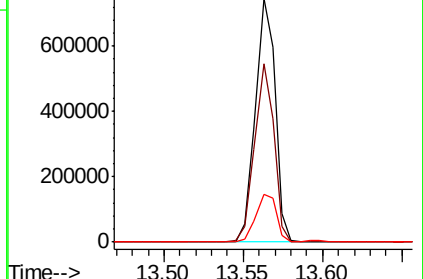
206 19.8 15.7 23.5

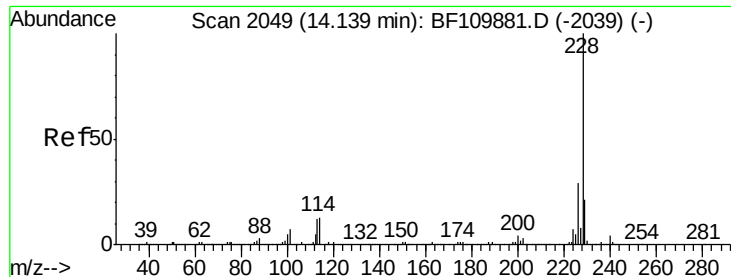


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.430 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

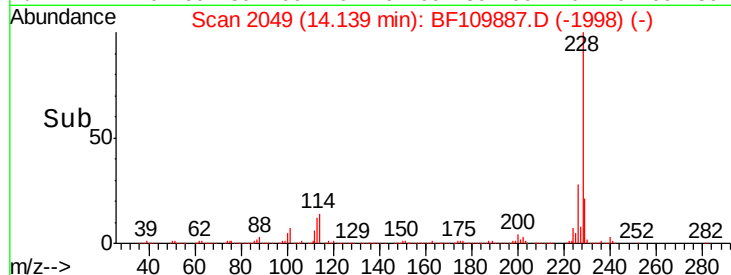
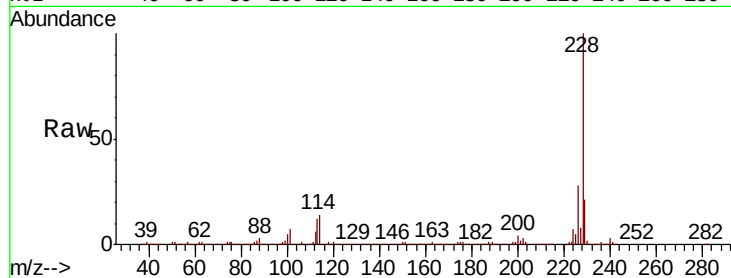
Tot Ion:228 Resp: 1300293

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

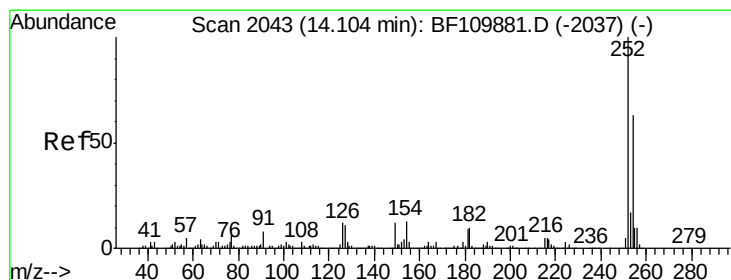
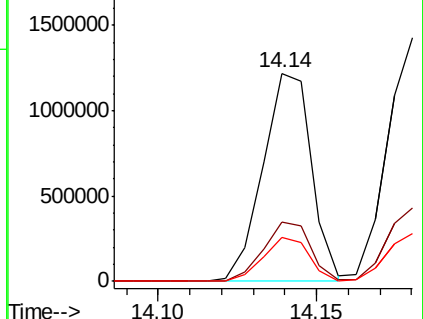
229 20.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.580 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

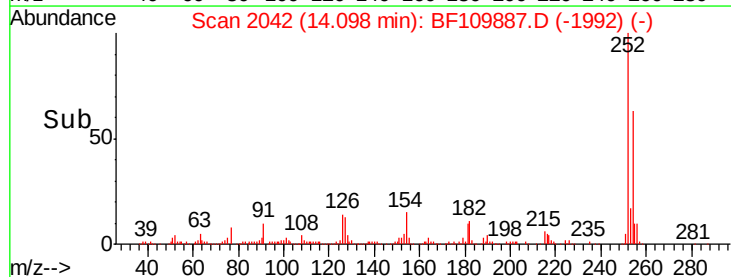
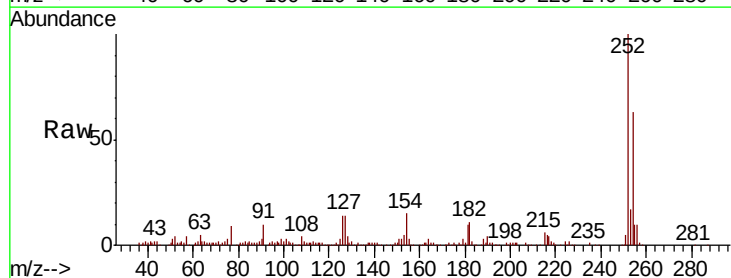
Tgt Ion:252 Resp: 178576

Ion Ratio Lower Upper

252 100

254 63.1 51.3 76.9

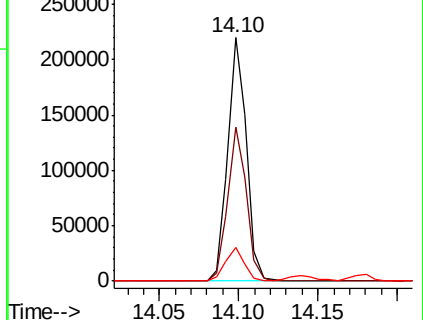
126 14.0 9.4 14.2

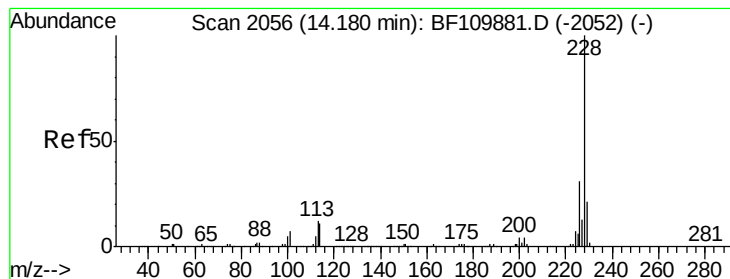


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.561 ng

RT: 14.18 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

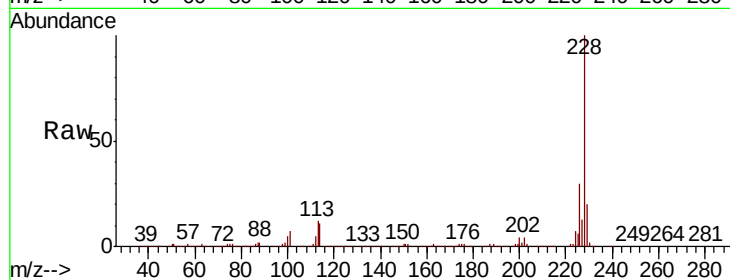
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1215013

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	19.8	15.9	23.9

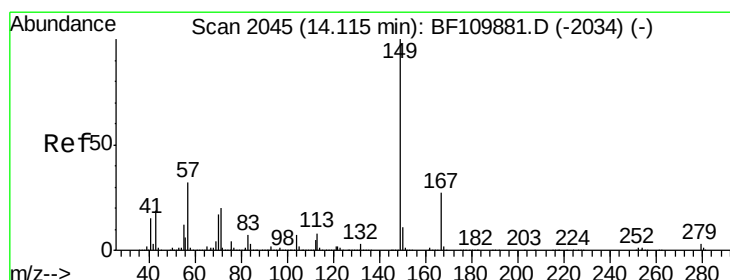
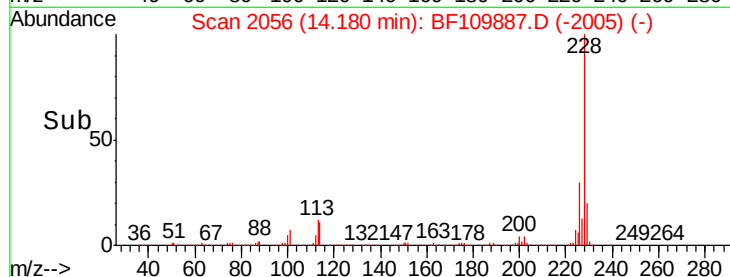
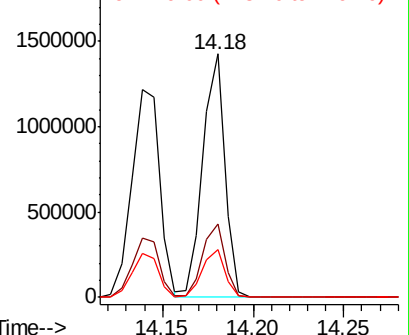


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.853 ng

RT: 14.12 min Scan# 2045

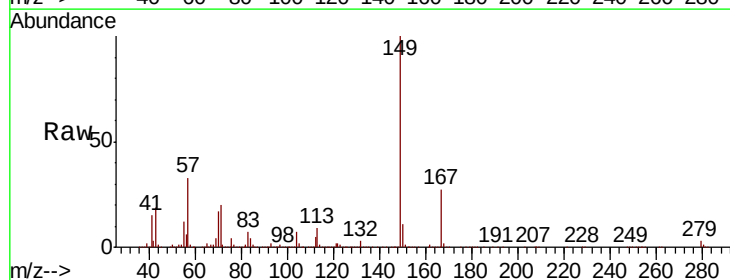
Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Tgt Ion:149 Resp: 833850

Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.2	2.7	4.1

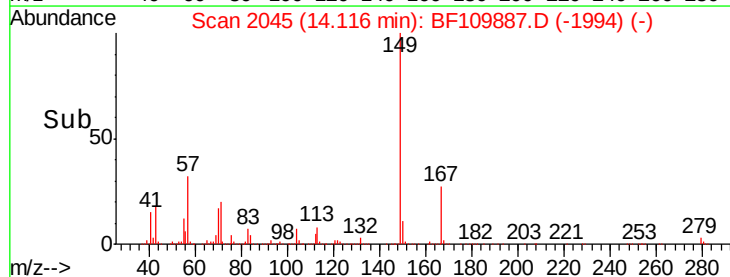
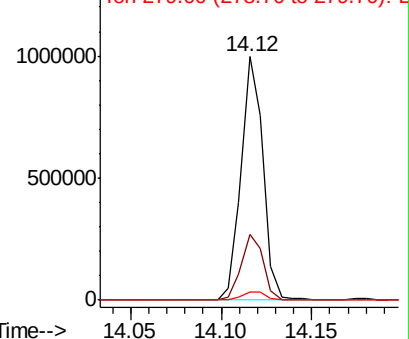


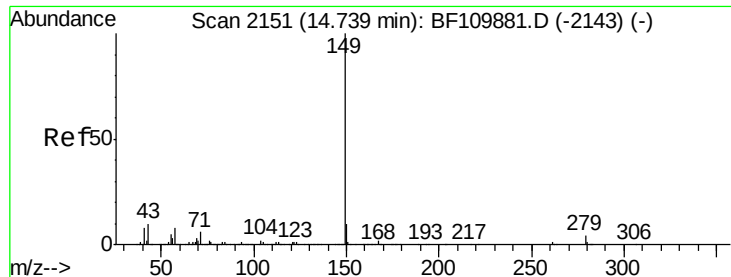
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

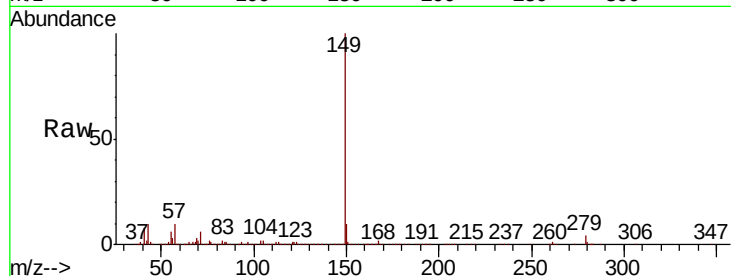




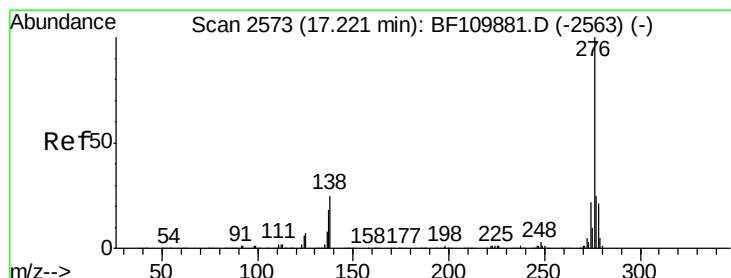
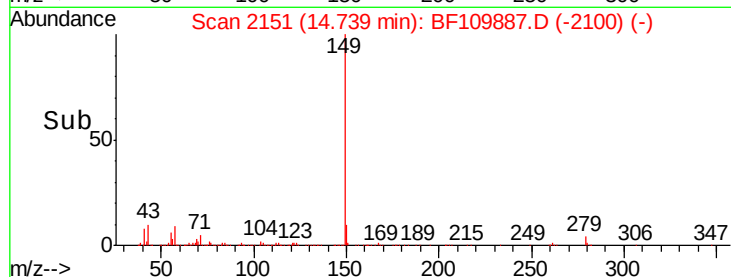
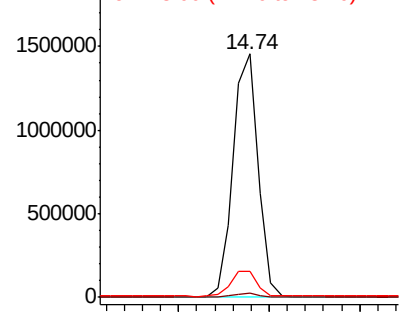
#85
Di-n-octyl phthalate
Concen: 54.364 ng
RT: 14.74 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1393816
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.6 7.8 11.8

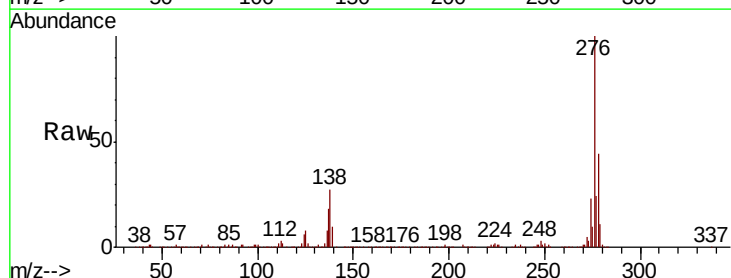


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

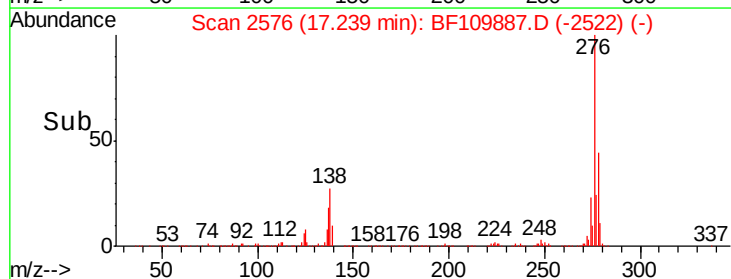
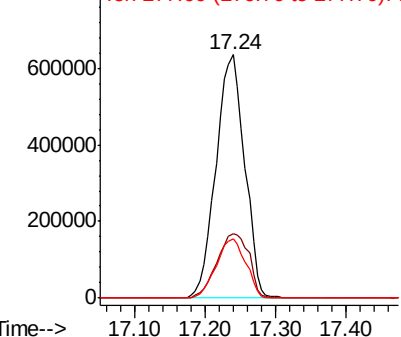


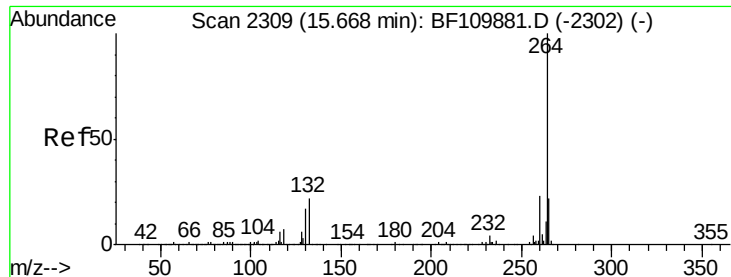
#86
Indeno(1,2,3-cd)pyrene
Concen: 85.300 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.02 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:276 Resp: 1792183
Ion Ratio Lower Upper
276 100
138 29.6 18.5 27.7#
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

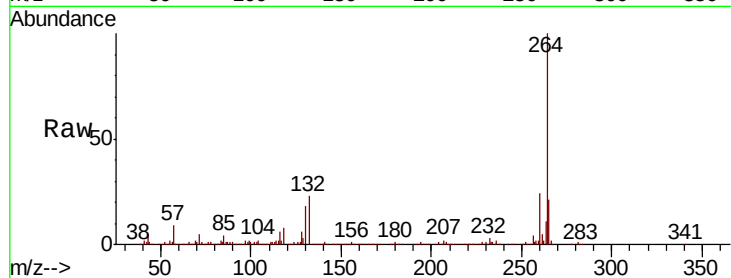
Tot Ion:264 Resp: 527808

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

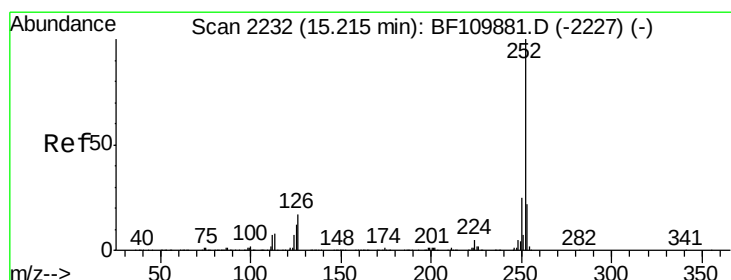
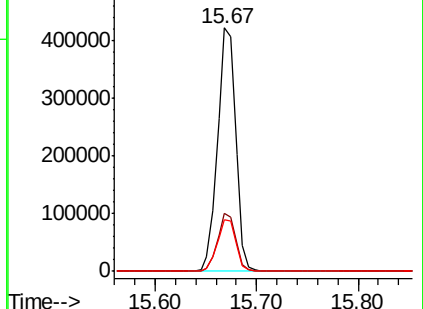
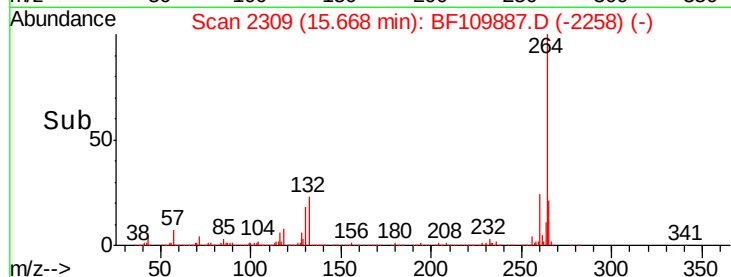
265 21.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.600 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

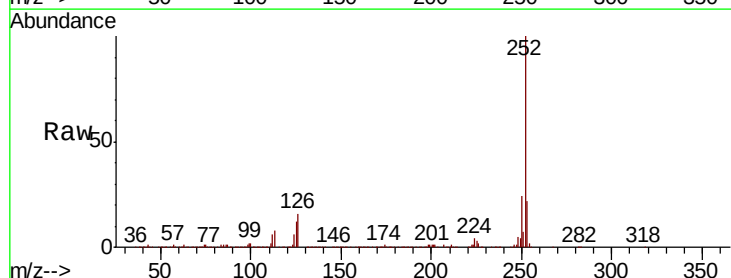
Tgt Ion:252 Resp: 1357156

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

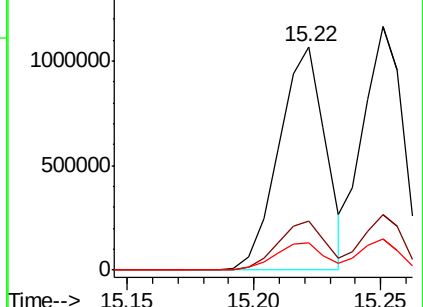
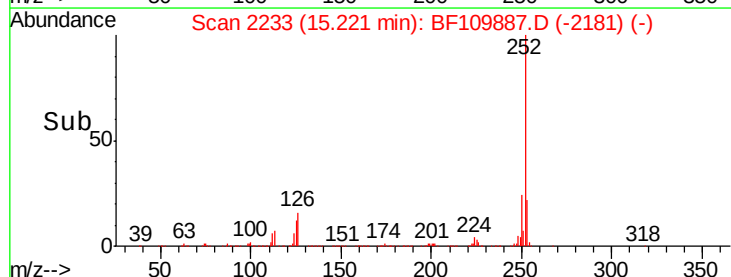
125 12.2 8.2 12.4

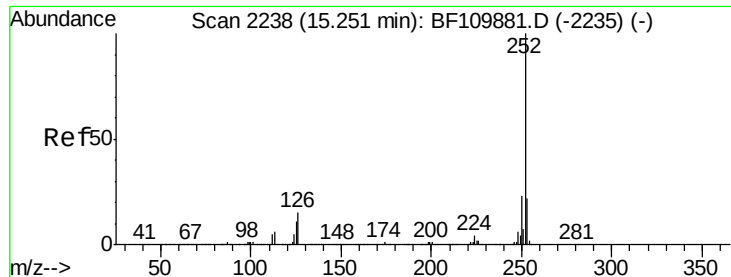


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

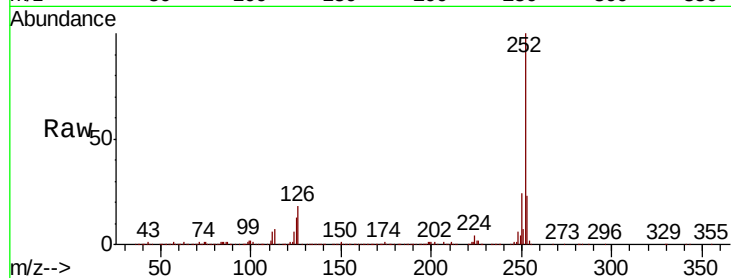




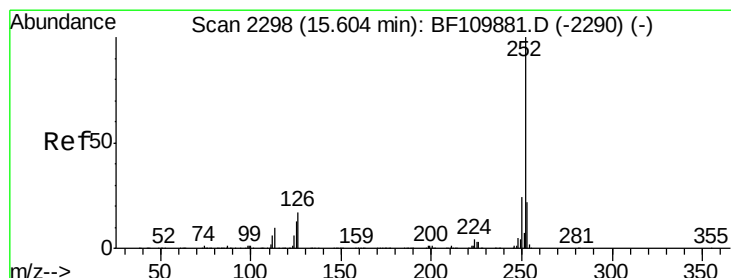
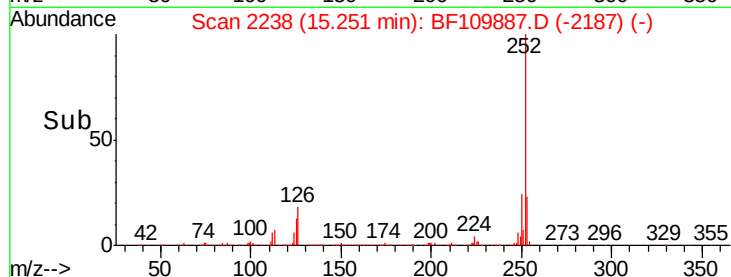
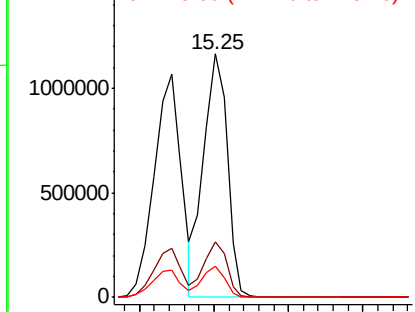
#89
Benzo(k)fluoranthene
Concen: 42.871 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1285826
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 12.8 7.4 11.0#

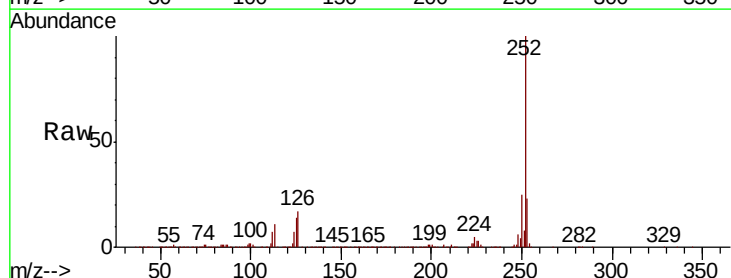


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

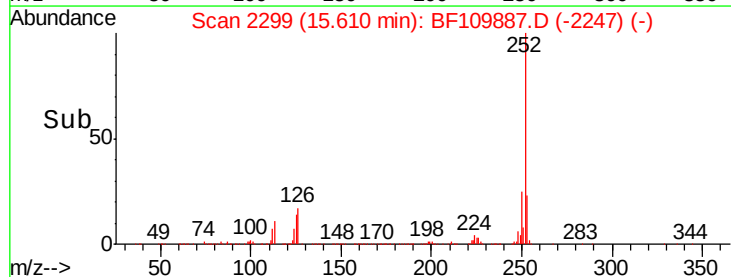
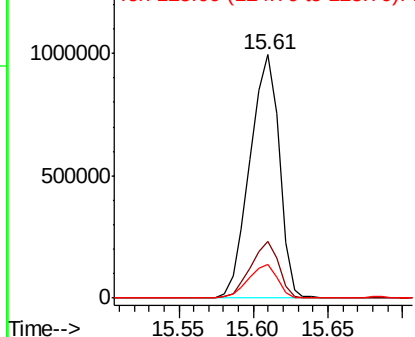


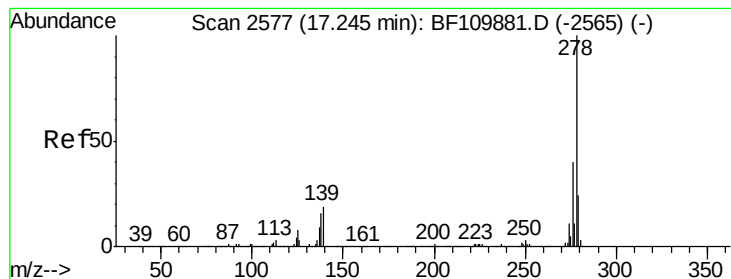
#90
Benzo(a)pyrene
Concen: 48.373 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF109887.D
Acq: 15 Oct 2018 19:00

Tgt Ion:252 Resp: 1353786
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 14.1 9.0 13.6#



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





#91

Dibenzo(a,h)anthracene

Concen: 58.532 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

Instrument :

BNA_F

ClientSampleId :

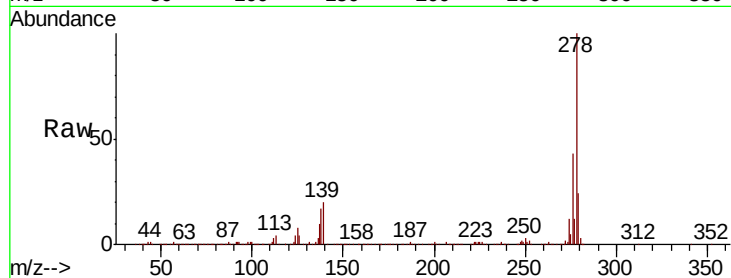
Tot Ion:278 Resp: 1451720

Ion Ratio Lower Upper

278 100

139 19.6 12.7 19.1#

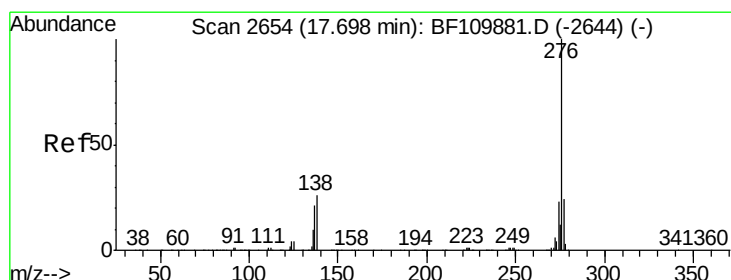
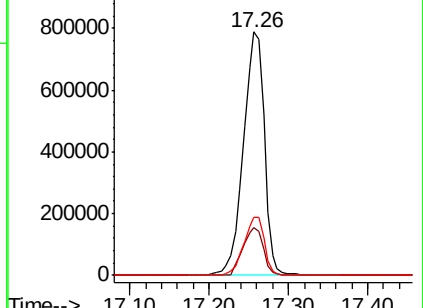
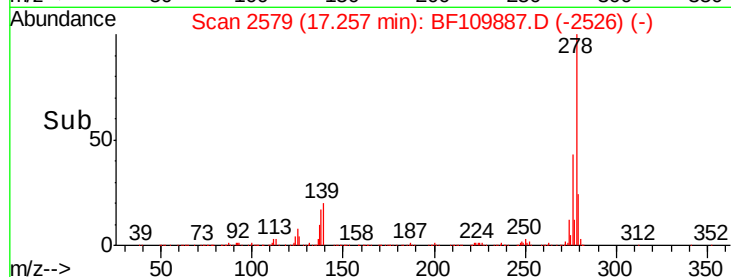
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.557 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.02 min

Lab File: BF109887.D

Acq: 15 Oct 2018 19:00

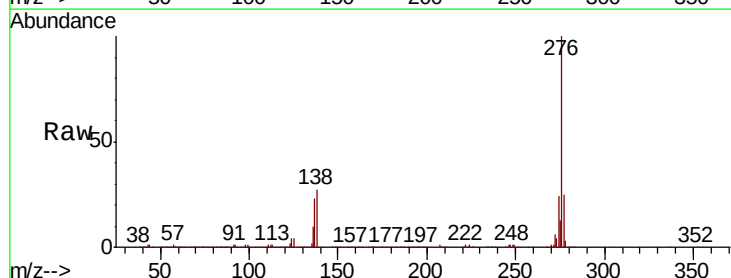
Tgt Ion:276 Resp: 1542560

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 27.1 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

