

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108887.D
 Acq On : 10 Sep 2018 12:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 10 14:47:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	199029	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	790496	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	374705	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	740081	20.00	ng	0.00
75) Chrysene-d12	13.87	240	503208	20.00	ng	0.00
86) Perylene-d12	15.27	264	447747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	952497	79.28	ng	0.00
7) Phenol-d6	6.37	99	1222914	79.11	ng	0.00
23) Nitrobenzene-d5	7.30	82	1075083	85.11	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	304309	85.07	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1900638	86.53	ng	0.00
78) Terphenyl-d14	12.82	244	1644373	76.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	236380	40.941	ng	93
3) Pyridine	3.12	79	649392	41.070	ng	90
4) n-Nitrosodimethylamine	3.05	42	236295	38.908	ng	# 92
6) Aniline	6.40	93	810538	38.986	ng	98
8) 2-Chlorophenol	6.52	128	526860	39.620	ng	99
9) Benzaldehyde	6.28	77	423659	38.633	ng	98
10) Phenol	6.38	94	691418	39.053	ng	91
11) bis(2-Chloroethyl)ether	6.47	93	545656	38.473	ng	98
12) 1,3-Dichlorobenzene	6.68	146	604831	39.858	ng	98
13) 1,4-Dichlorobenzene	6.75	146	607887	40.058	ng	99
14) 1,2-Dichlorobenzene	6.91	146	568695	40.657	ng	100
15) Benzyl Alcohol	6.88	79	474761	40.021	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	808892	38.154	ng	97
17) 2-Methylphenol	7.00	107	430700	38.326	ng	98
18) Hexachloroethane	7.25	117	218847	39.995	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	396058	36.861	ng	99
20) 3+4-Methylphenols	7.15	107	511592	38.862	ng	# 59
22) Acetophenone	7.15	105	682715	38.055	ng	# 91
24) Nitrobenzene	7.32	77	564926	41.682	ng	99
25) Isophorone	7.56	82	934912	37.106	ng	98
26) 2-Nitrophenol	7.64	139	216755	40.594	ng	94
27) 2,4-Dimethylphenol	7.68	122	423252	39.034	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	649939	38.582	ng	99
29) 2,4-Dichlorophenol	7.88	162	445052	39.806	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	477666	39.422	ng	98
31) Naphthalene	8.04	128	1437490	40.419	ng	99
32) Benzoic acid	7.79	122	153618	25.191	ng	98
33) 4-Chloroaniline	8.09	127	652683	39.959	ng	97
34) Hexachlorobutadiene	8.17	225	291829	40.316	ng	99
35) Caprolactam	8.46	113	146869	38.766	ng	# 79
36) 4-Chloro-3-methylphenol	8.57	107	462613	38.841	ng	97
37) 2-Methylnaphthalene	8.73	142	931355	39.640	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	465019	41.516	ng	98
40) Hexachlorocyclopentadiene	8.89	237	223617	39.684	ng	96

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Instrument :
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 ClientSampleId :

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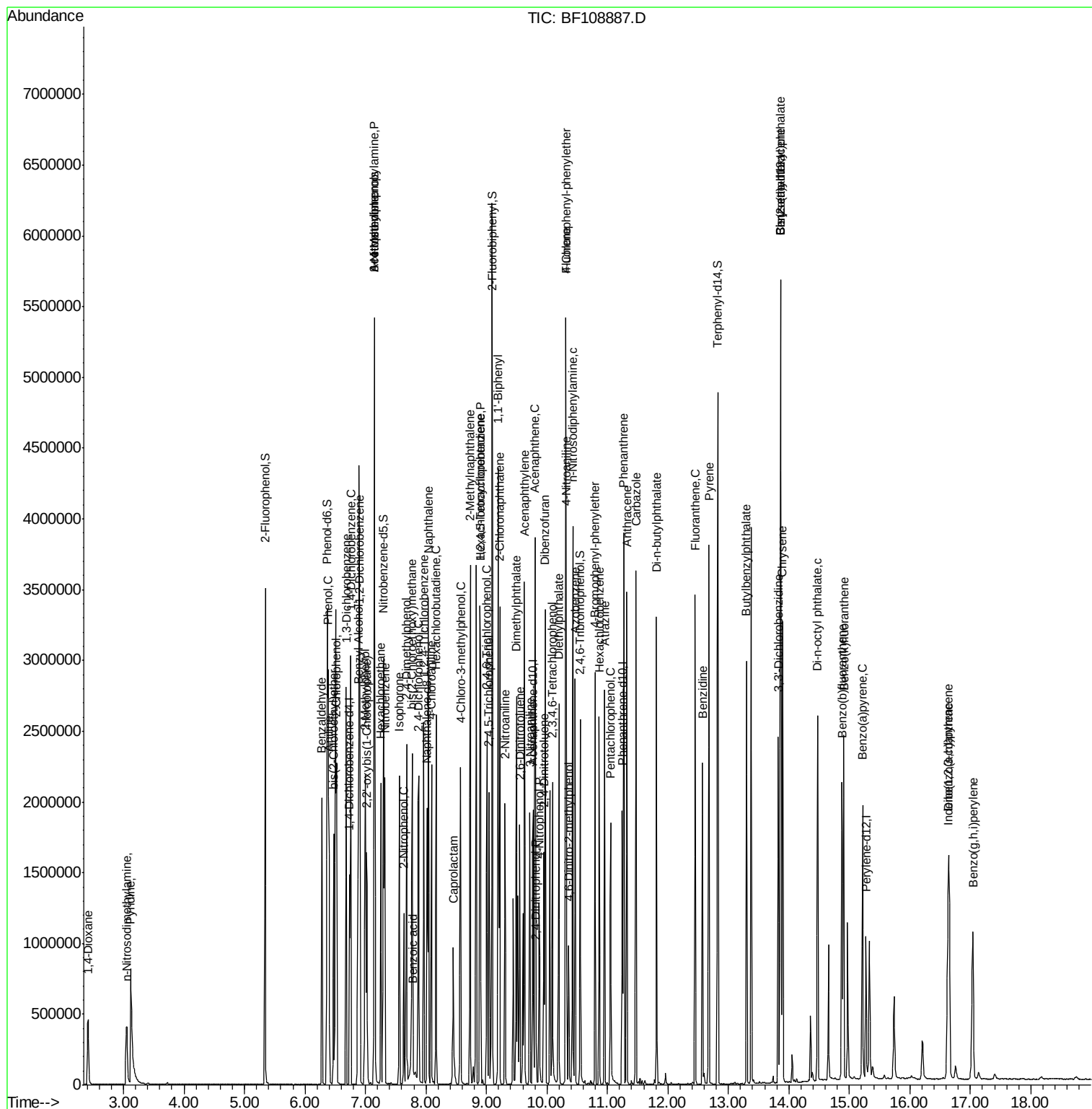
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	301687	39.543	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	327119	41.364	nq	98
45) 1,1'-Biphenyl	9.20	154	1178393	40.849	nq	99
46) 2-Chloronaphthalene	9.22	162	953170	40.856	nq	98
47) 2-Nitroaniline	9.31	65	281471	44.163	nq	96
48) Acenaphthylene	9.63	152	1422788	40.914	nq	98
49) Dimethylphthalate	9.50	163	1049641	40.050	nq	99
50) 2,6-Dinitrotoluene	9.55	165	224541	44.963	nq	96
51) Acenaphthene	9.80	154	874221	40.624	nq	99
52) 3-Nitroaniline	9.72	138	276193	46.461	nq	98
53) 2,4-Dinitrophenol	9.82	184	63157	39.725	nq	# 21
54) Dibenzofuran	9.97	168	1271275	40.527	nq	97
55) 4-Nitrophenol	9.87	139	188978	42.523	nq	94
56) 2,4-Dinitrotoluene	9.95	165	291852	45.698	nq	# 94
57) Fluorene	10.31	166	873293	43.382	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	270404	42.400	nq	# 86
59) Diethylphthalate	10.20	149	1046683	38.700	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	467500	43.484	nq	96
61) 4-Nitroaniline	10.32	138	260794	48.427	nq	98
62) Azobenzene	10.47	77	1096608	39.280	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	108408	38.787	nq	86
65) n-Nitrosodiphenylamine	10.42	169	929156	37.761	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	323263	38.673	nq	# 89
67) Hexachlorobenzene	10.87	284	342924	38.431	nq	# 89
68) Atrazine	10.95	200	305485	38.781	nq	99
69) Pentachlorophenol	11.05	266	212236	38.904	nq	99
70) Phenanthrene	11.27	178	1379007	39.019	nq	98
71) Anthracene	11.32	178	1413040	41.759	nq	100
72) Carbazole	11.47	167	1418178	39.796	nq	99
73) Di-n-butylphthalate	11.81	149	1598992	40.405	nq	99
74) Fluoranthene	12.45	202	1452506	41.509	nq	97
76) Benzidine	12.57	184	839417	35.196	nq	99
77) Pyrene	12.68	202	1516868	39.174	nq	99
79) Butylbenzylphthalate	13.30	149	659874	37.843	nq	95
80) Benzo(a)anthracene	13.86	228	1181330	36.626	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	475926	37.873	nq	98
82) Chrysene	13.90	228	1193402	38.220	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	780274	35.607	nq	99
84) Di-n-octyl phthalate	14.48	149	1310531	35.872	nq	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	942431	34.105	nq	95
87) Benzo(b)fluoranthene	14.88	252	965745	39.667	nq	98
88) Benzo(k)fluoranthene	14.91	252	965098	43.045	nq	97
89) Benzo(a)pyrene	15.22	252	866537	39.445	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	781518	40.373	nq	97
91) Benzo(g,h,i)perylene	17.04	276	798192	41.183	nq	93

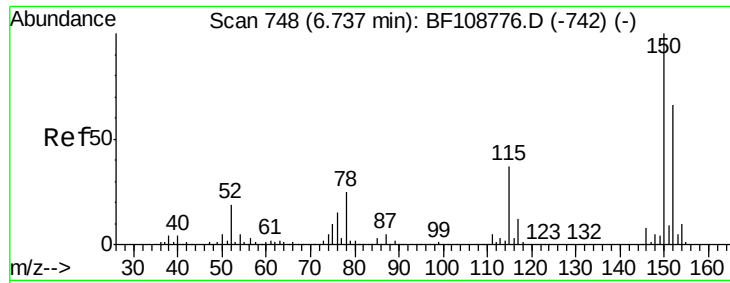
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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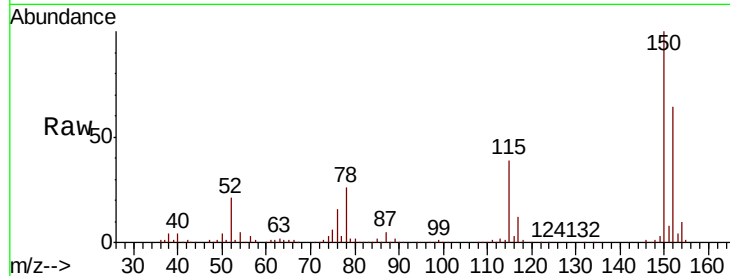


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.7	50.1	75.1

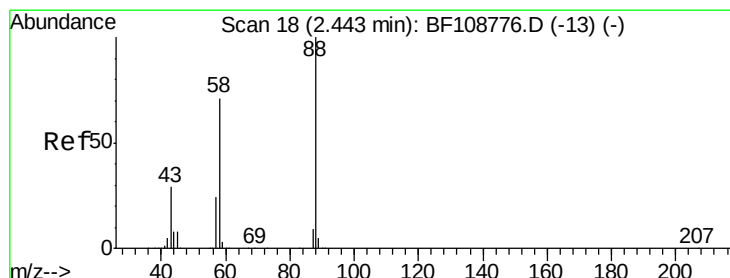
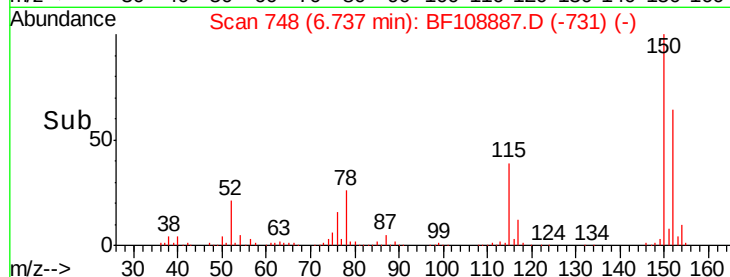
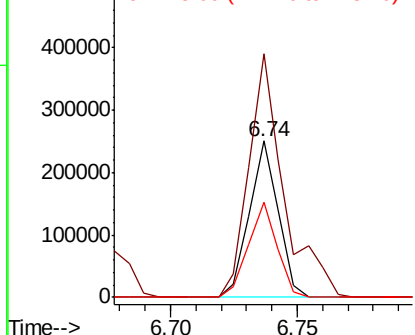


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

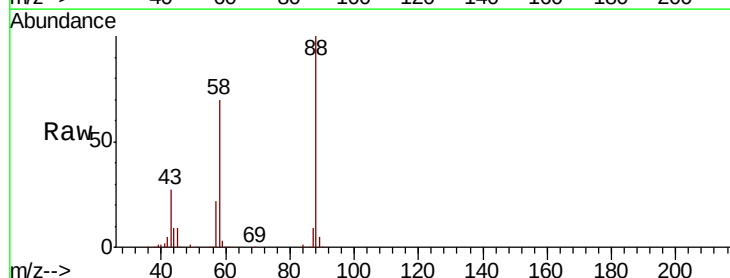
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.941 ng
RT: 2.41 min Scan# 13
Delta R.T. -0.03 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	62.6	93.8
43	28.4	24.6	37.0

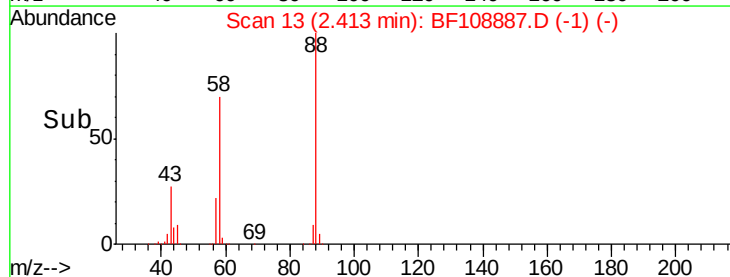
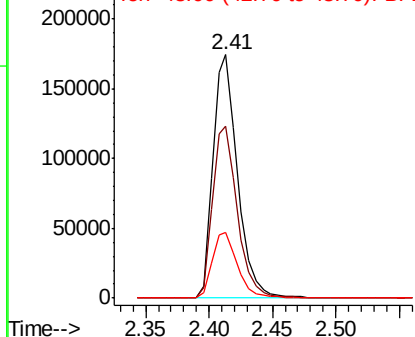


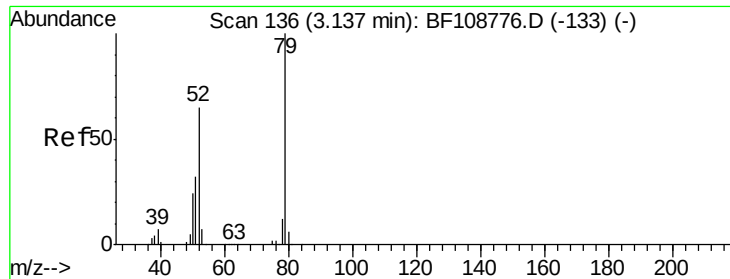
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.070 ng

RT: 3.12 min Scan# 133

Delta R.T. -0.02 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

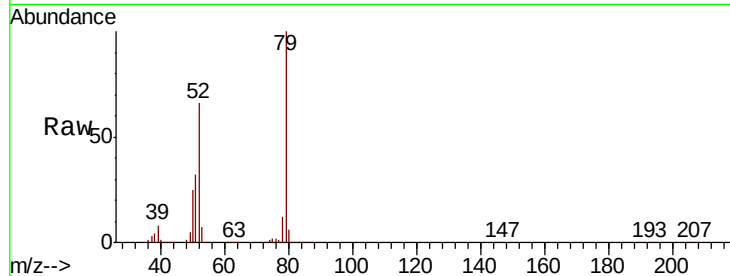
Tot Ion: 79 Resp: 649392

Ion Ratio Lower Upper

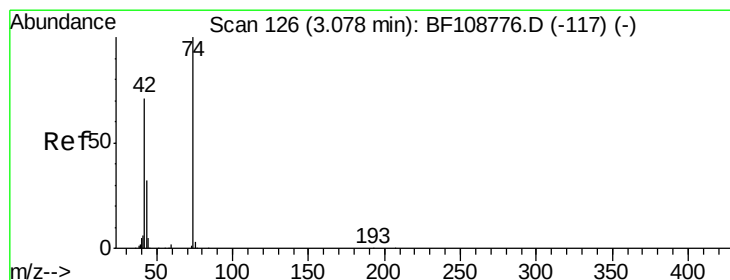
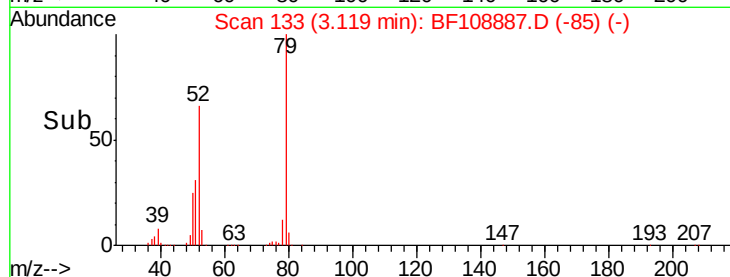
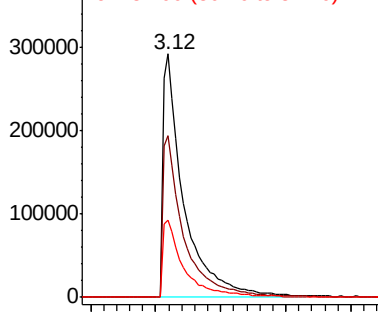
79 100

52 66.3 59.8 89.6

51 31.6 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 38.908 ng

RT: 3.05 min Scan# 121

Delta R.T. -0.03 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

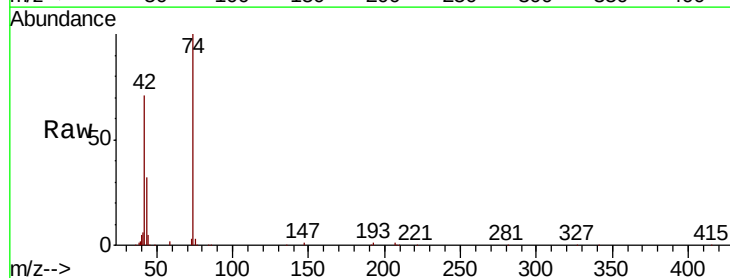
Tgt Ion: 42 Resp: 236295

Ion Ratio Lower Upper

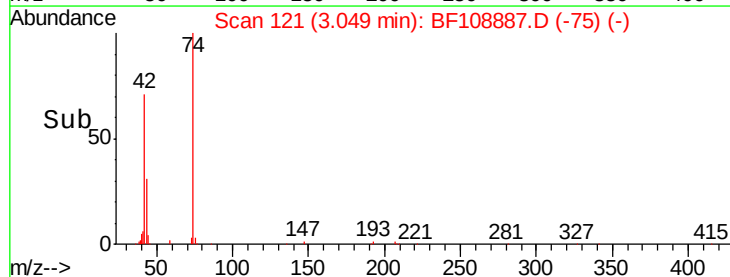
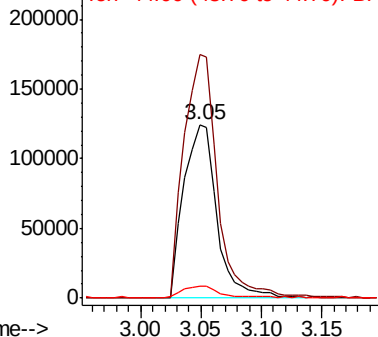
42 100

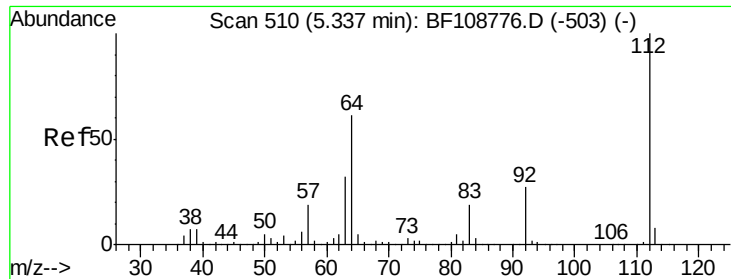
74 140.4 104.9 157.3

44 6.7 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 79.283 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

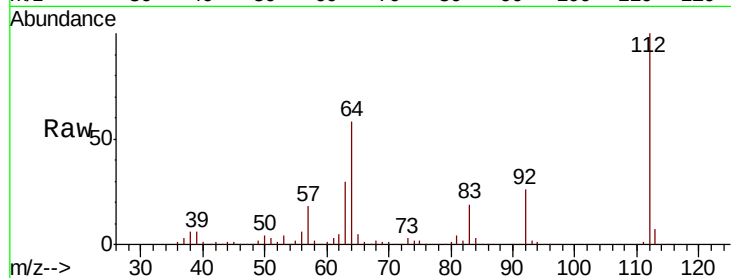
Tot Ion:112 Resp: 952497

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

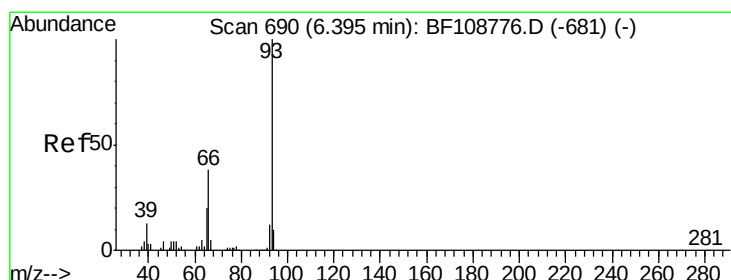
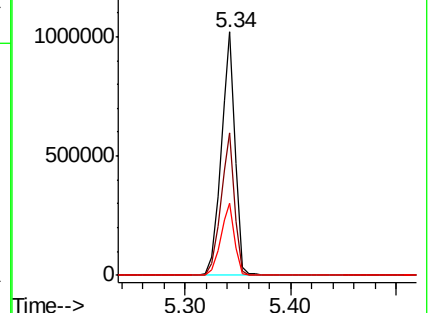
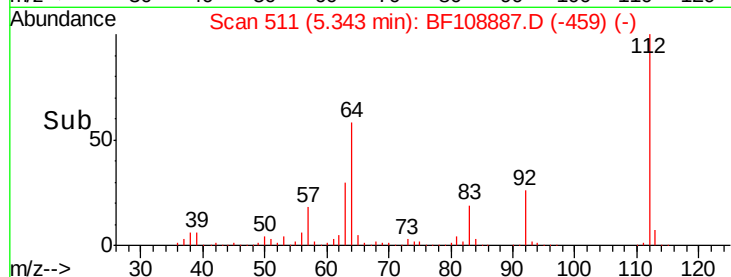
63 29.7 23.7 35.5



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: 38.986 ng

RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

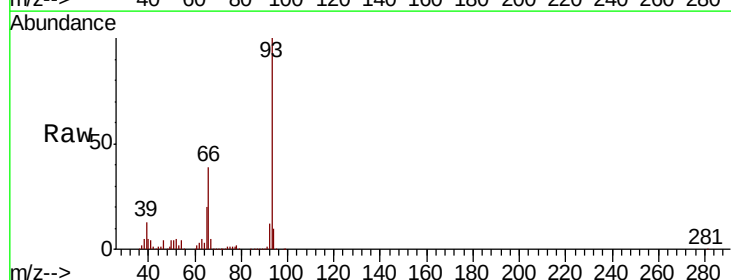
Tgt Ion: 93 Resp: 810538

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

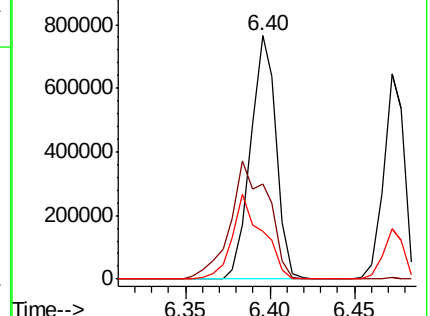
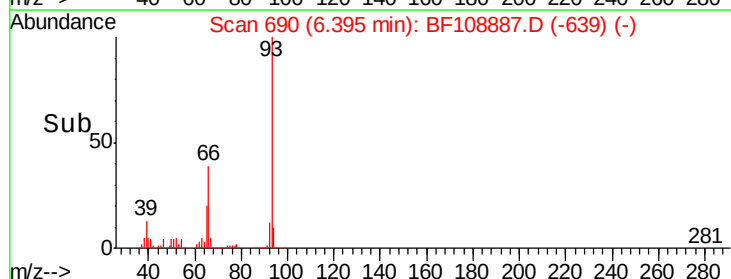
65 19.8 16.4 24.6

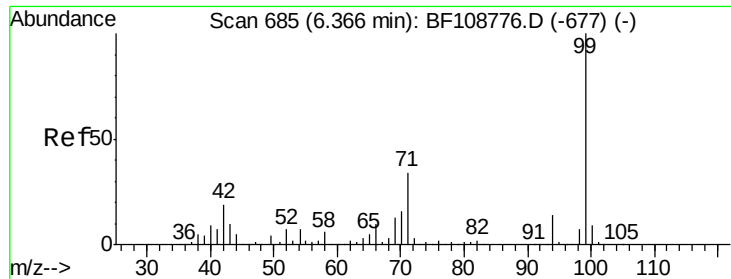


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.114 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampled :

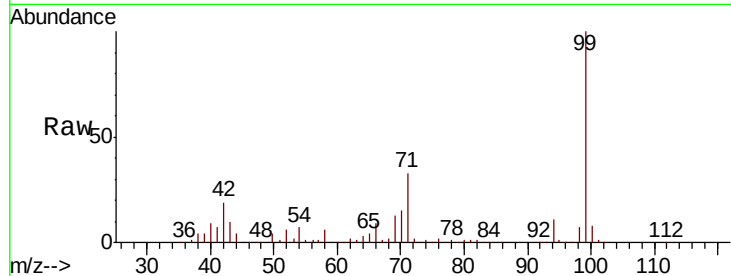
Tot Ion: 99 Resp: 1222914

Ion Ratio Lower Upper

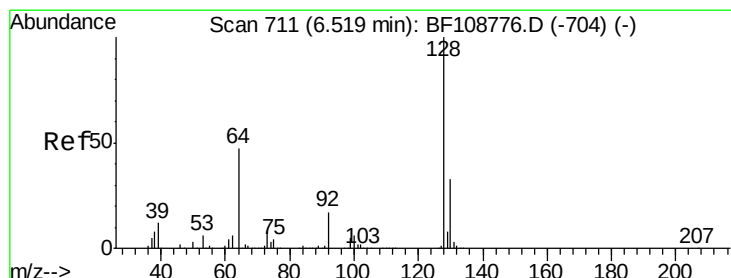
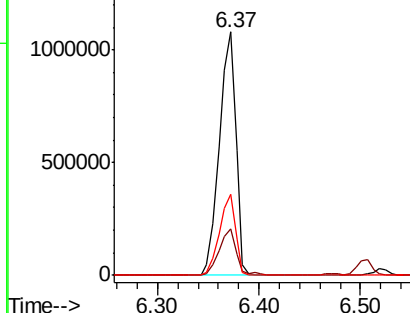
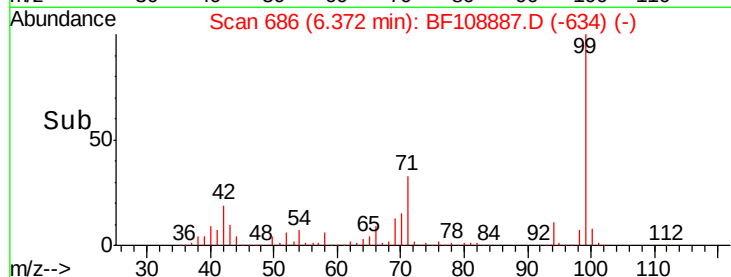
99 100

42 18.9 14.5 21.7

71 33.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.620 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

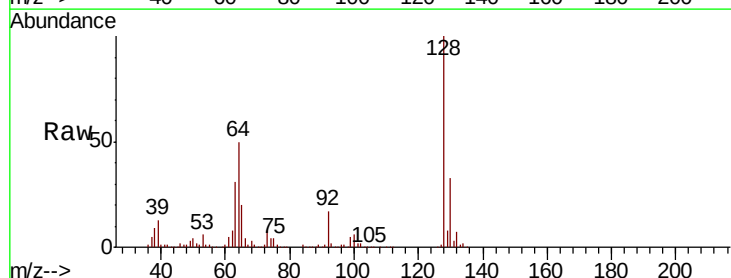
Tgt Ion:128 Resp: 526860

Ion Ratio Lower Upper

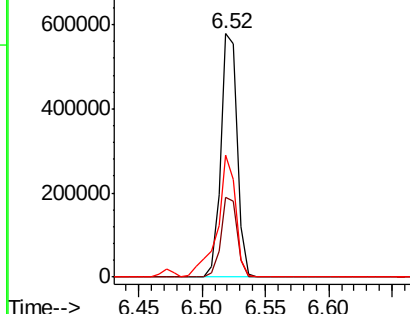
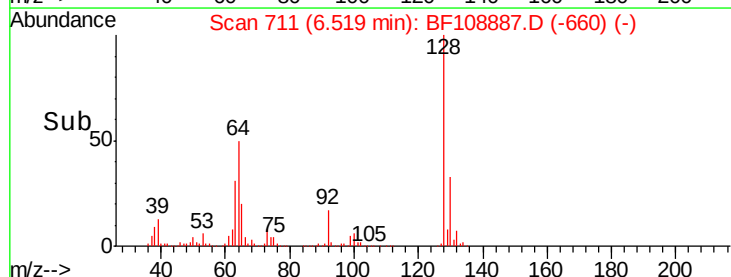
128 100

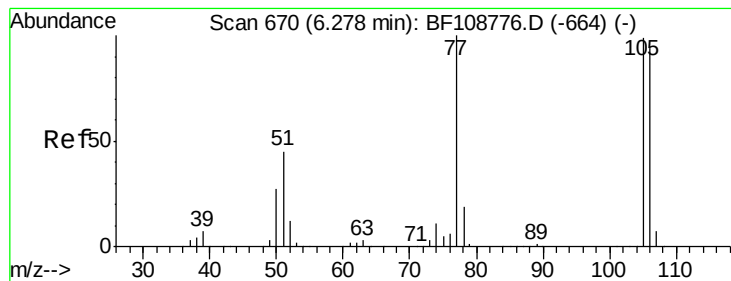
130 32.5 13.0 53.0

64 50.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 38.633 ng

RT: 6.28 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampled :

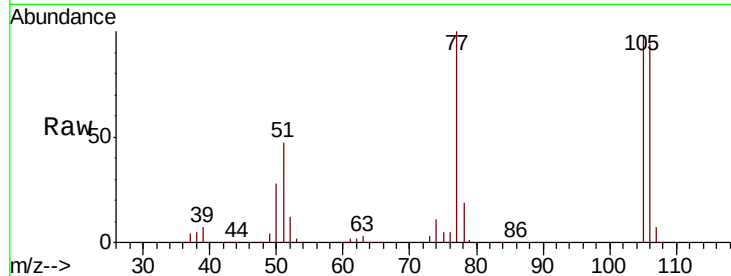
Tot Ion: 77 Resp: 423659

Ion Ratio Lower Upper

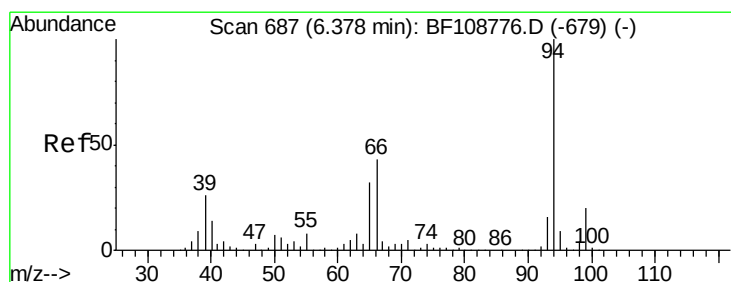
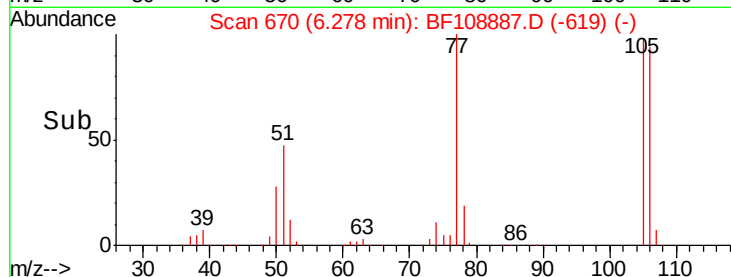
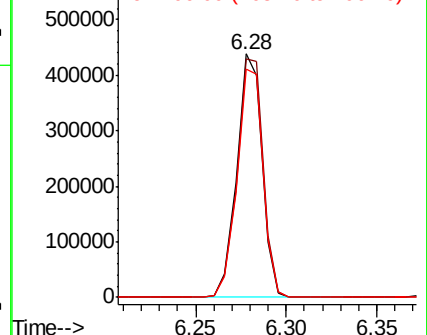
77 100

105 97.8 81.1 121.1

106 93.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.053 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

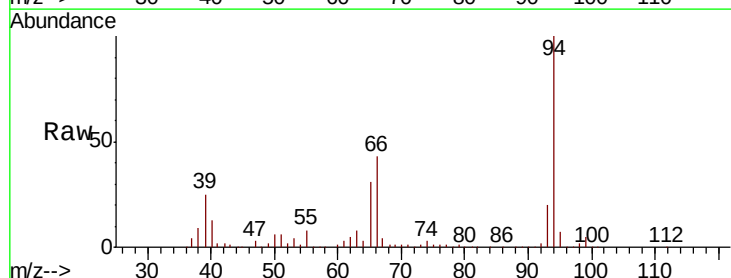
Tgt Ion: 94 Resp: 691418

Ion Ratio Lower Upper

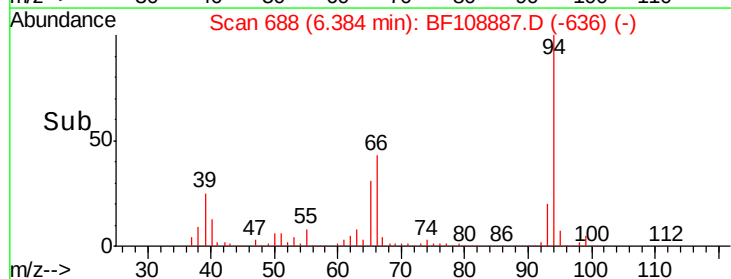
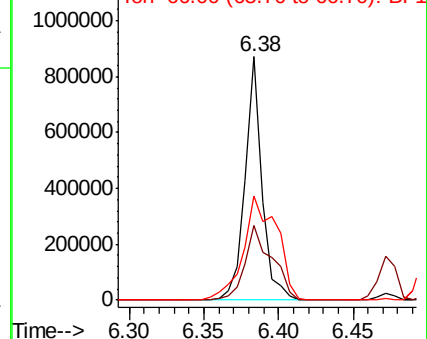
94 100

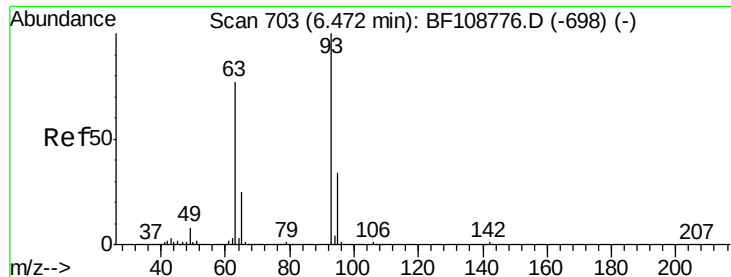
65 30.8 7.9 47.9

66 42.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.473 ng

RT: 6.47 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

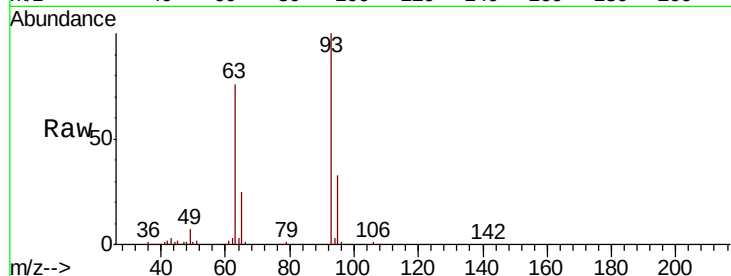
Tot Ion: 93 Resp: 545656

Ion Ratio Lower Upper

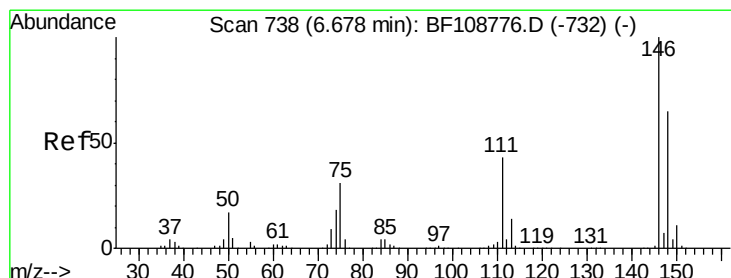
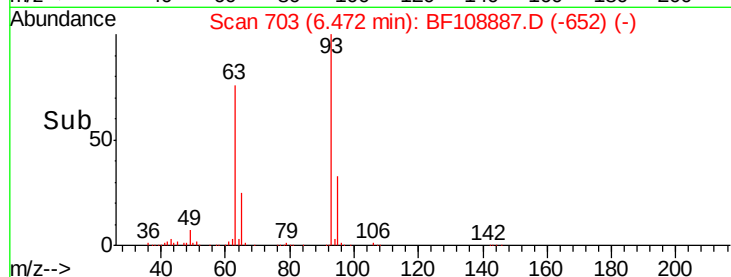
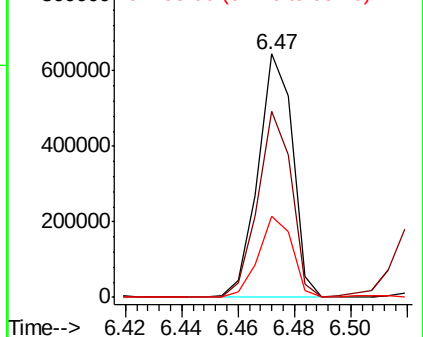
93 100

63 76.4 58.6 98.6

95 33.1 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 39.858 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

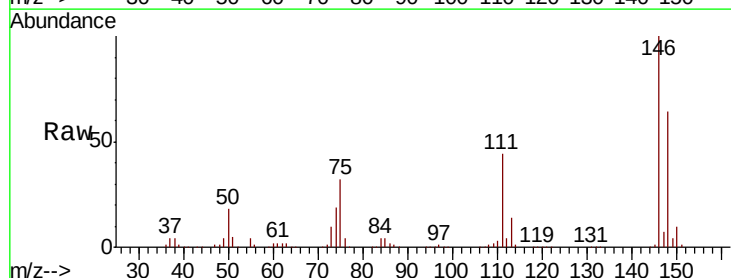
Tgt Ion: 146 Resp: 604831

Ion Ratio Lower Upper

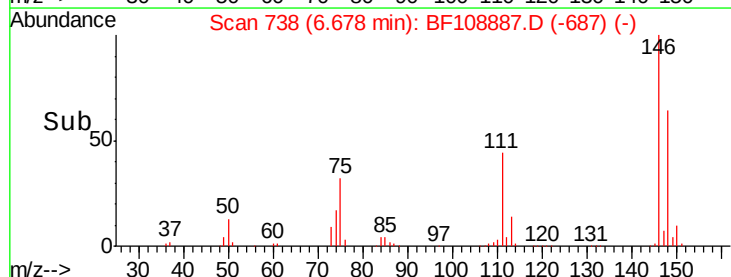
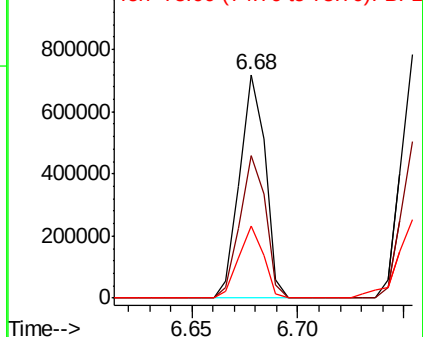
146 100

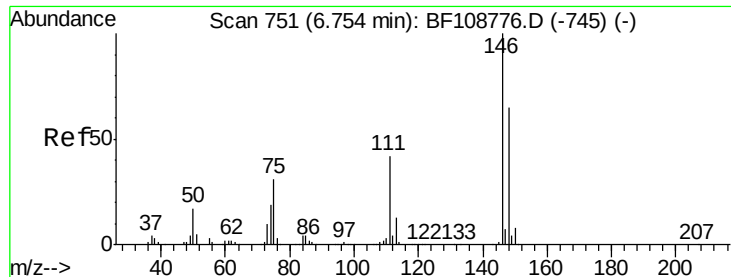
148 64.0 51.8 77.8

75 32.3 24.2 36.4



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

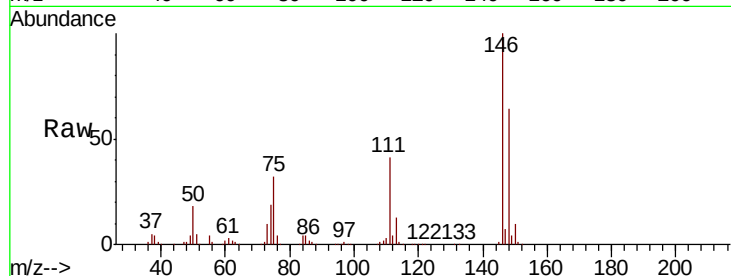




#13
 1,4-Dichlorobenzene
 Concen: 40.058 ng
 RT: 6.75 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	41.4	34.2	51.2

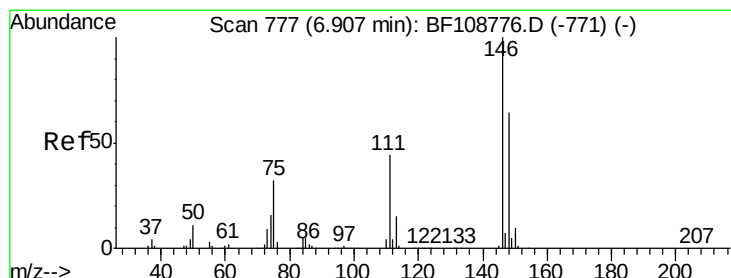
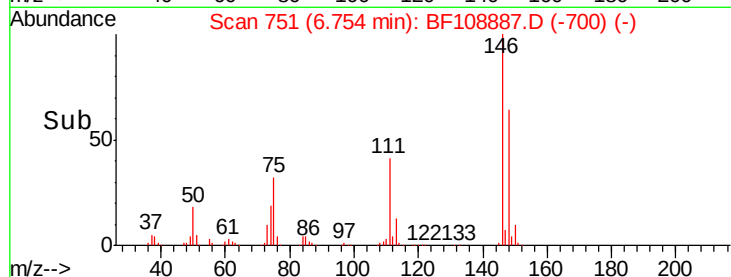
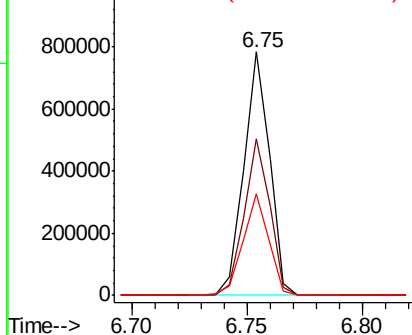


Abundance

Ion 146.00 (145.70 to 146.70): E

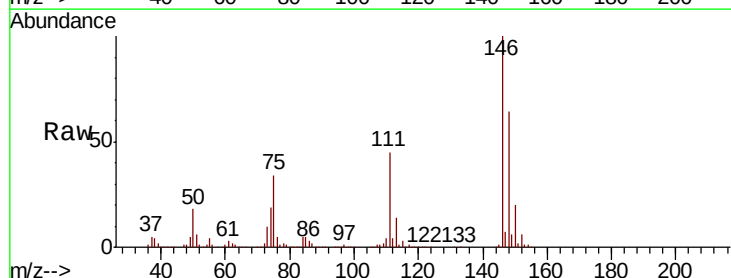
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.657 ng
 RT: 6.91 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	45.0	36.0	54.0

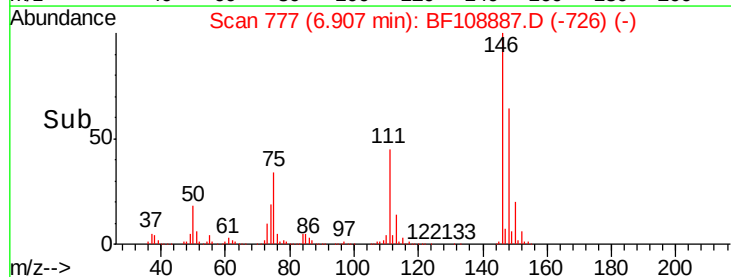
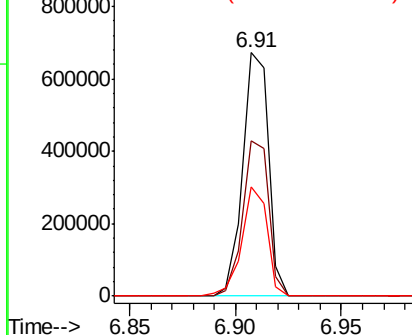


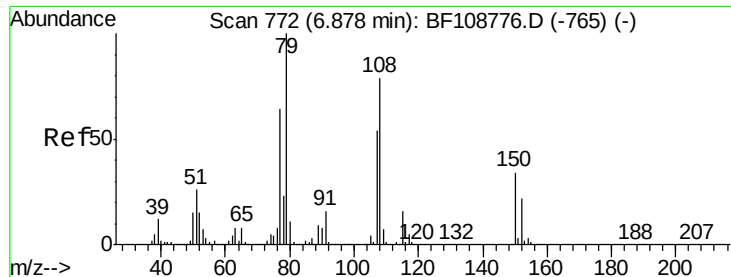
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.021 ng

RT: 6.88 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

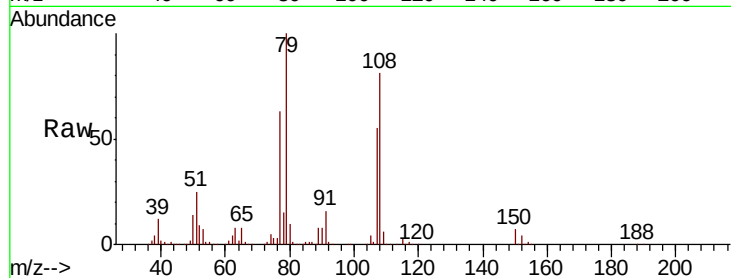
Tot Ion: 79 Resp: 474761

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

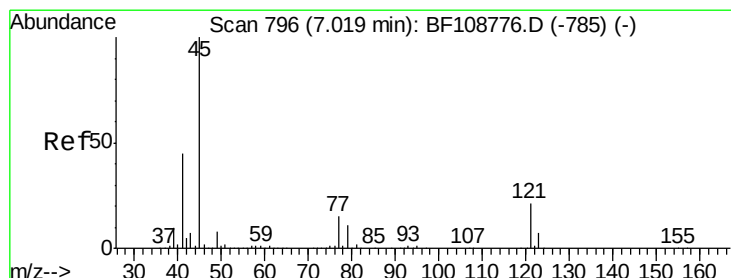
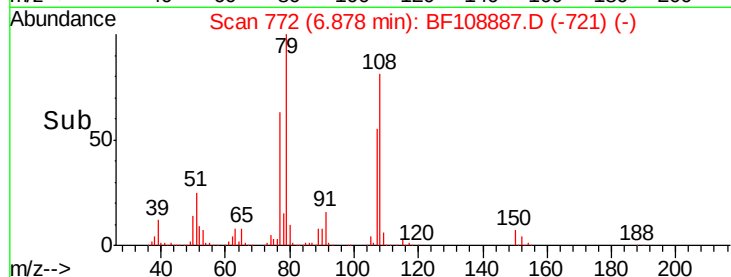
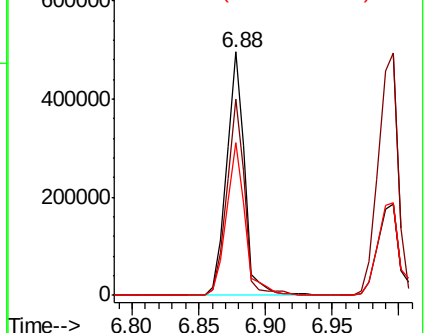
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.154 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

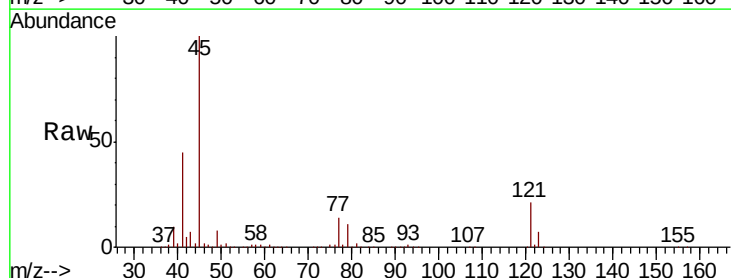
Tgt Ion: 45 Resp: 808892

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

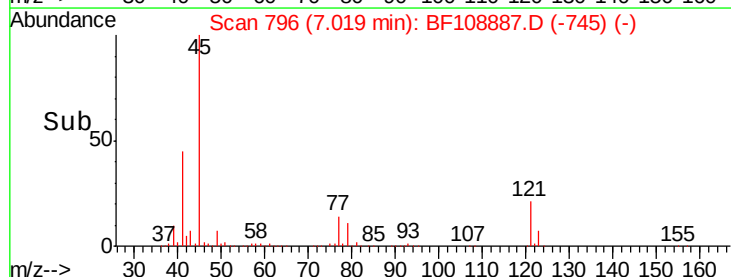
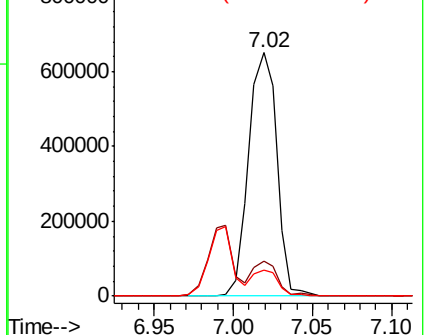
79 10.8 0.0 29.6

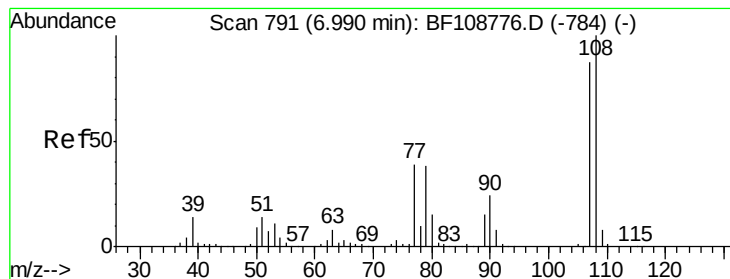


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

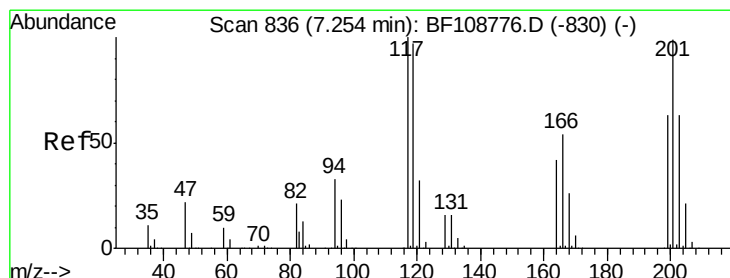
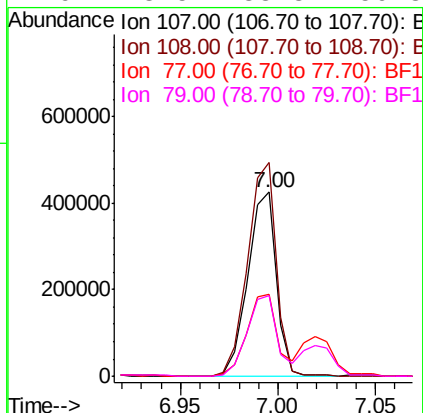
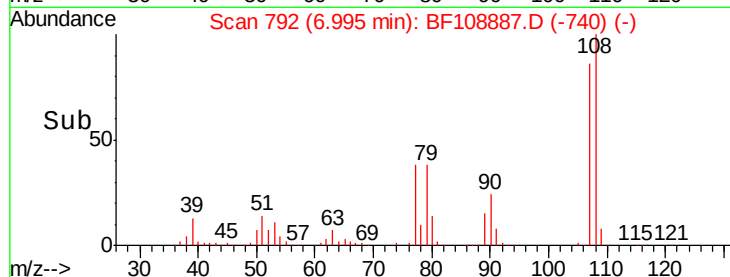
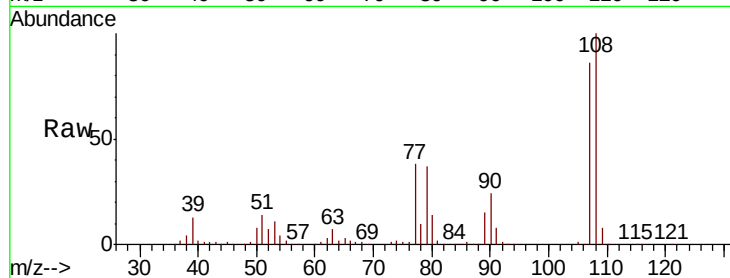




#17
2-Methylphenol
Concen: 38.326 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

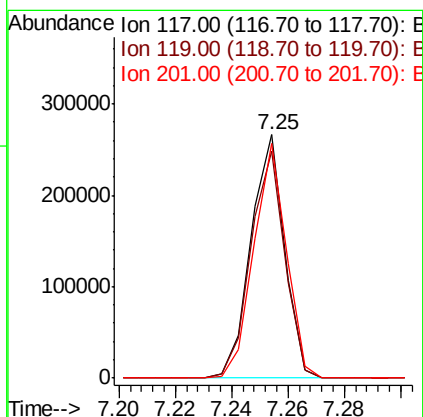
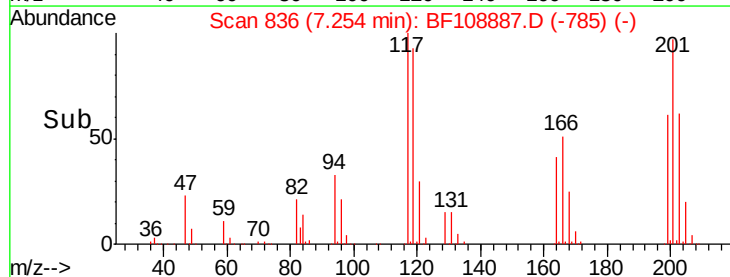
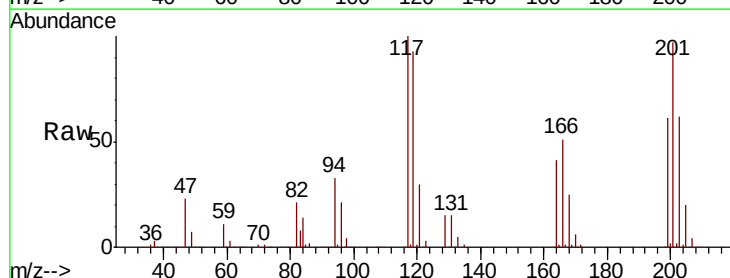
Instrument :
BNA_E
ClientSampleId :

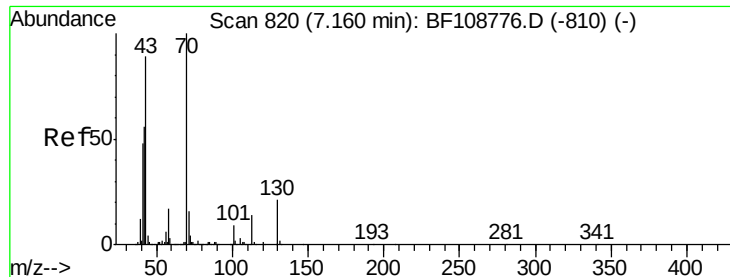
Tot Ion:107 Resp: 430700
Ion Ratio Lower Upper
107 100
108 116.0 91.7 137.5
77 44.5 33.8 50.8
79 43.5 33.8 50.8



#18
Hexachloroethane
Concen: 39.995 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:117 Resp: 218847
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.8
201 96.5 75.7 113.5

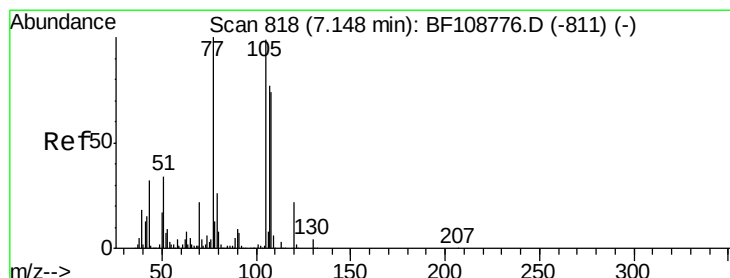
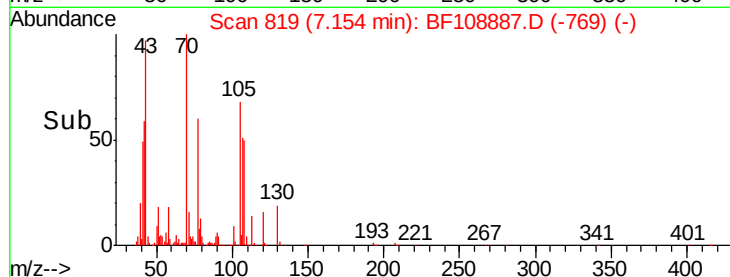
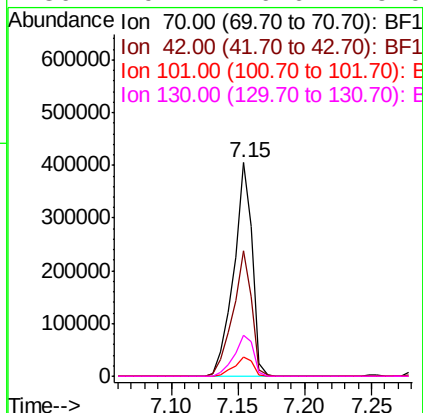
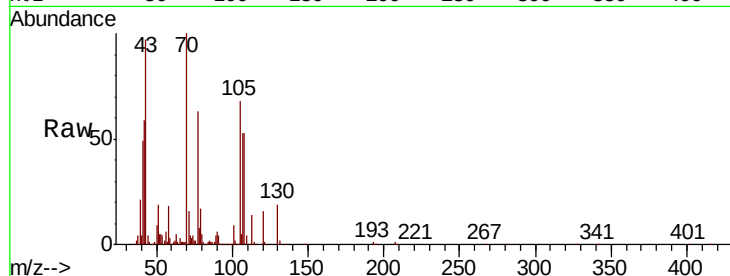




#19
n-Nitroso-di-n-propylamine
Concen: 36.861 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

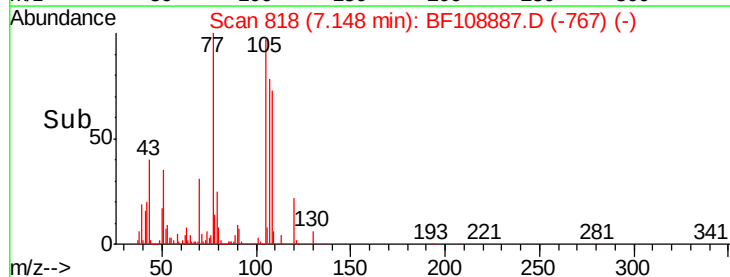
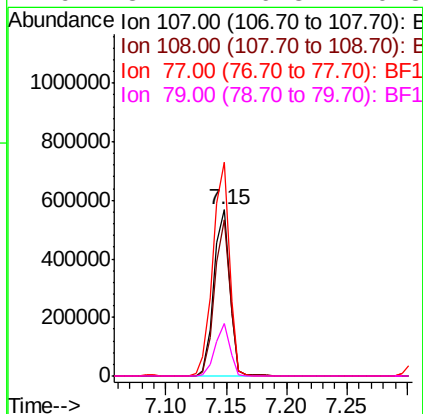
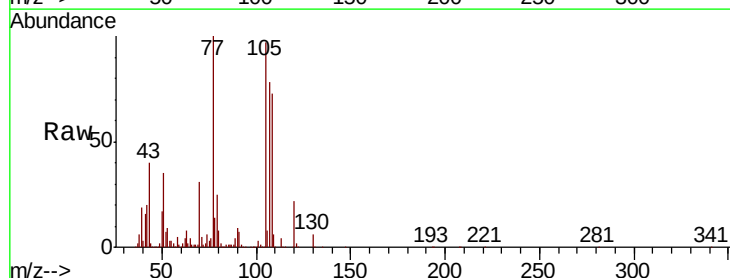
Instrument :
BNA_E
ClientSampleId :

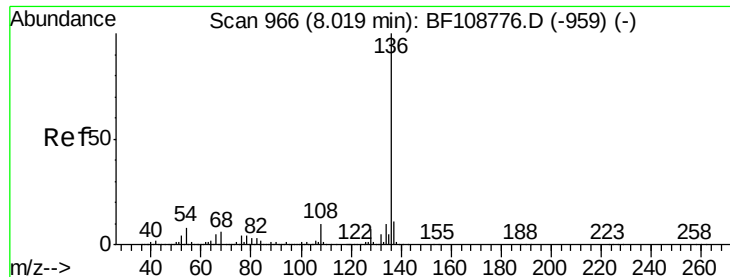
Tot Ion: 70 Resp: 396058
Ion Ratio Lower Upper
70 100
42 59.0 47.5 71.3
101 9.1 7.4 11.2
130 19.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.862 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion: 107 Resp: 511592
Ion Ratio Lower Upper
107 100
108 94.4 68.2 108.2
77 128.8 26.7 66.7#
79 31.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 790496

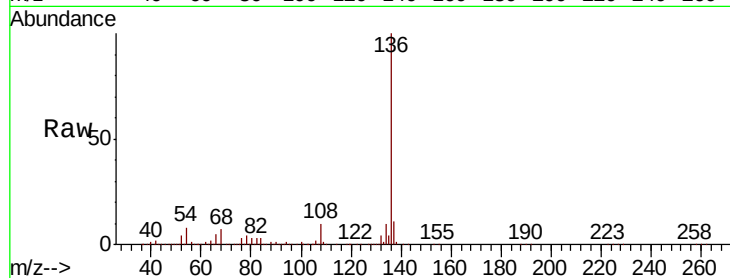
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 6.7 5.0 7.4

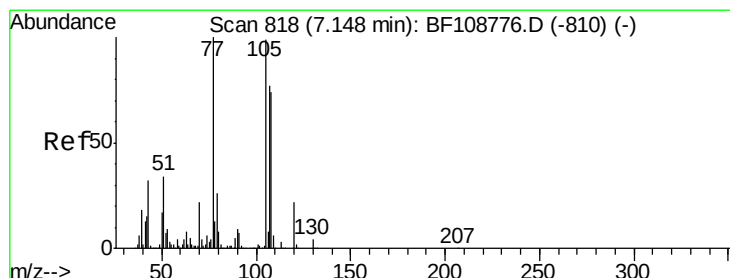
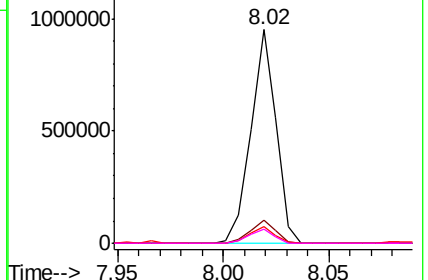
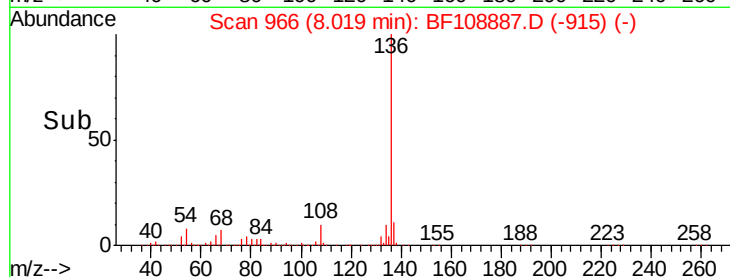


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.055 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Tgt Ion:105 Resp: 682715

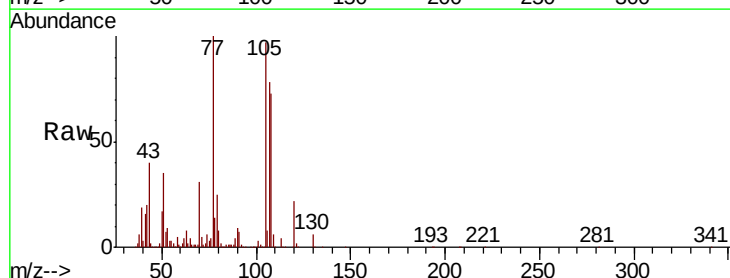
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 35.8 22.3 33.5#

120 22.3 16.9 25.3

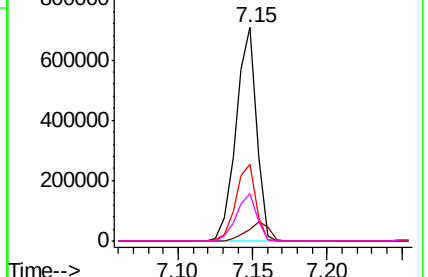
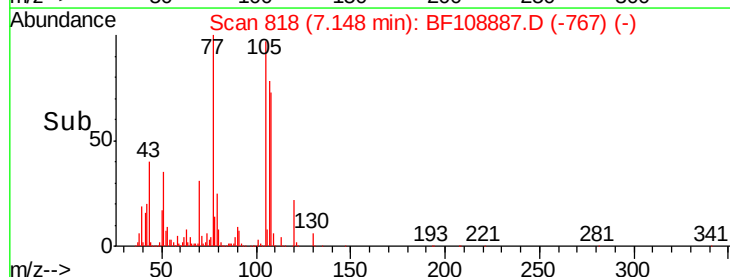


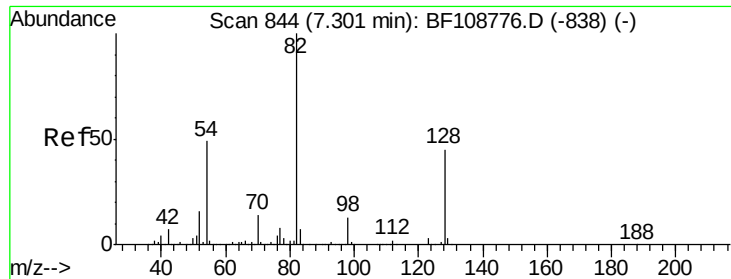
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

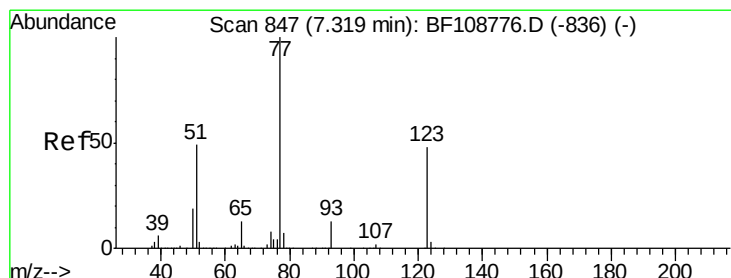
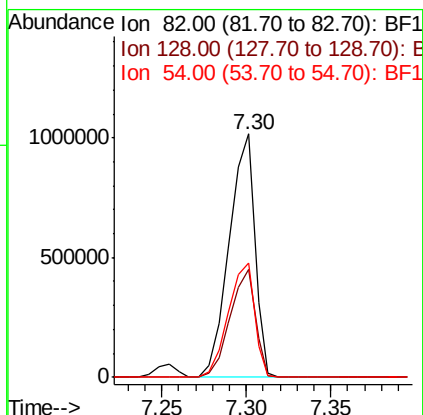
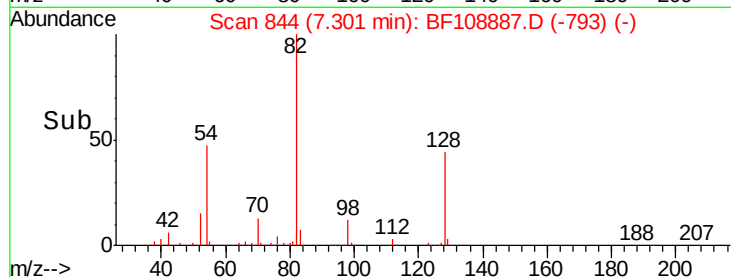
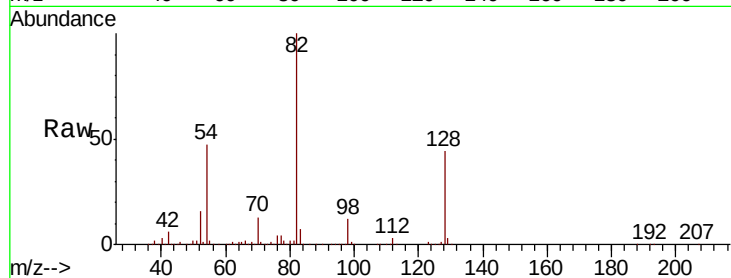




#23
Nitrobenzene-d5
Concen: 85.111 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

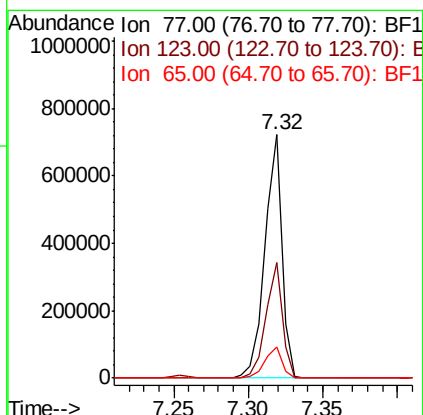
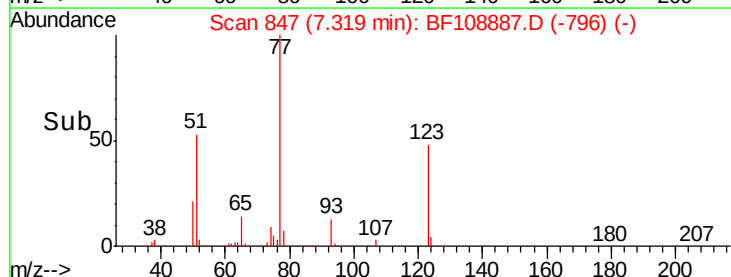
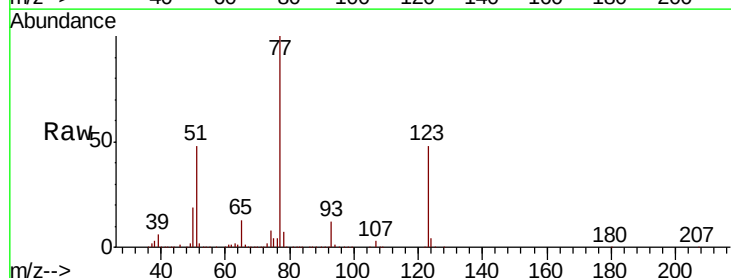
Instrument :
BNA_E
ClientSampleId :

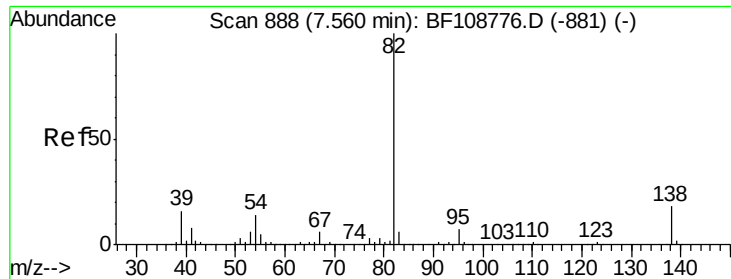
Tot Ion: 82 Resp: 1075083
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 47.1 41.4 62.2



#24
Nitrobenzene
Concen: 41.682 ng
RT: 7.32 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion: 77 Resp: 564926
Ion Ratio Lower Upper
77 100
123 47.5 37.9 56.9
65 12.6 11.0 16.4

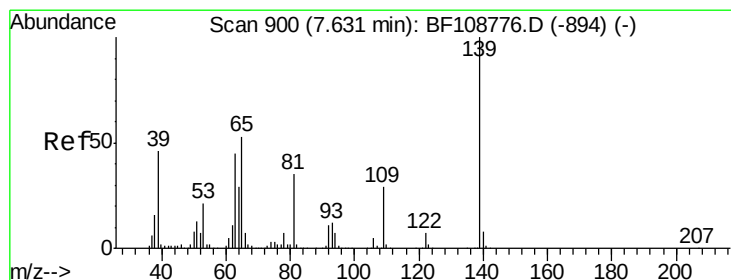
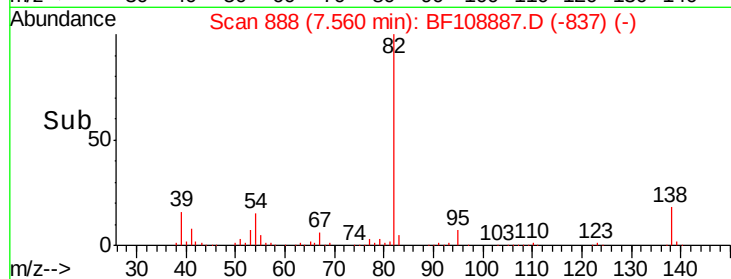
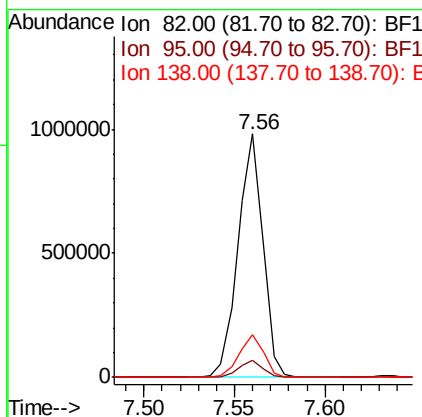
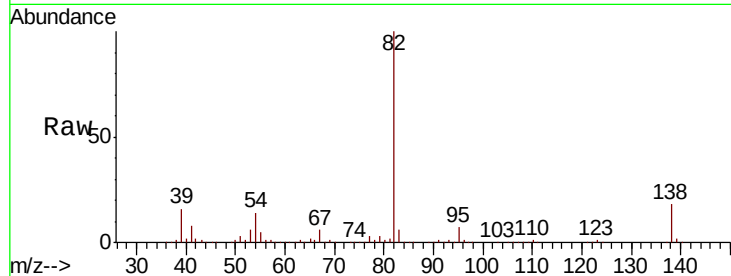




#25
Isophorone
Concen: 37.106 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

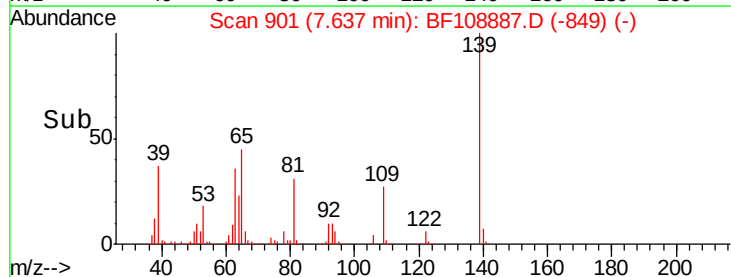
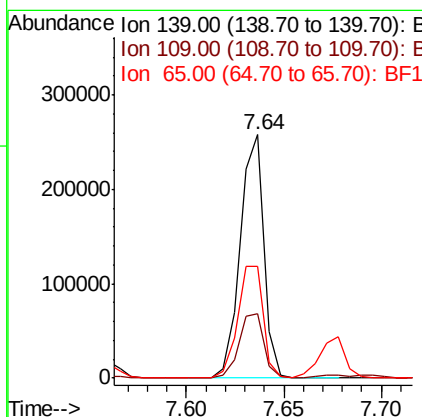
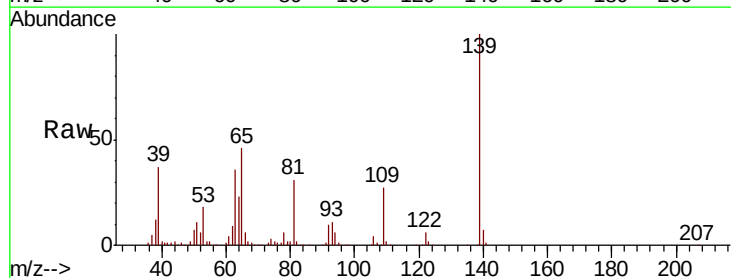
Instrument :
BNA_E
ClientSampled :

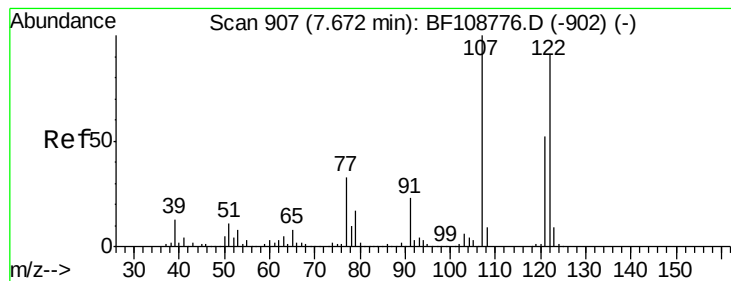
Tot Ion: 82 Resp: 934912
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 17.5 14.9 22.3



#26
2-Nitrophenol
Concen: 40.594 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion: 139 Resp: 216755
Ion Ratio Lower Upper
139 100
109 26.7 22.7 34.1
65 45.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.034 ng

RT: 7.68 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

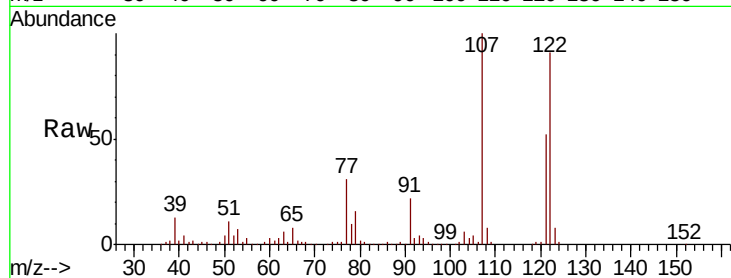
Tot Ion:122 Resp: 423252

Ion Ratio Lower Upper

122 100

107 109.4 91.2 136.8

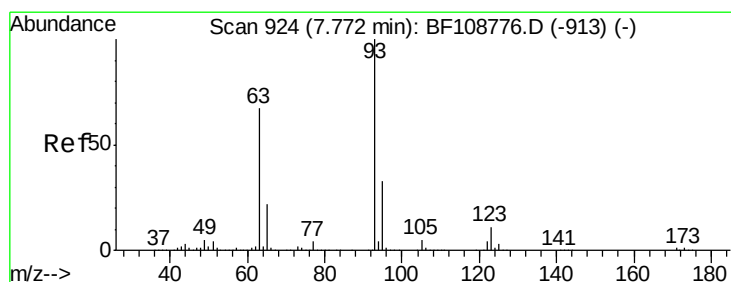
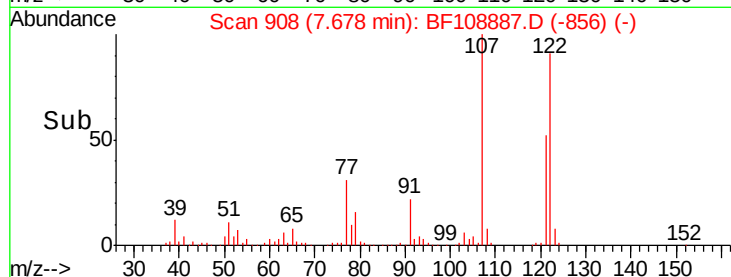
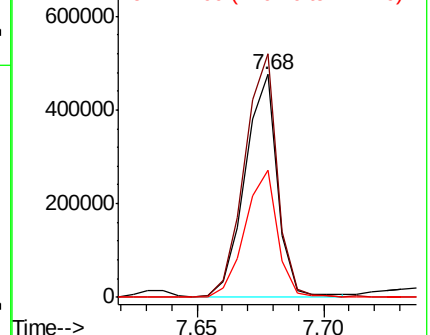
121 57.3 47.2 70.8



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: 38.582 ng

RT: 7.77 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

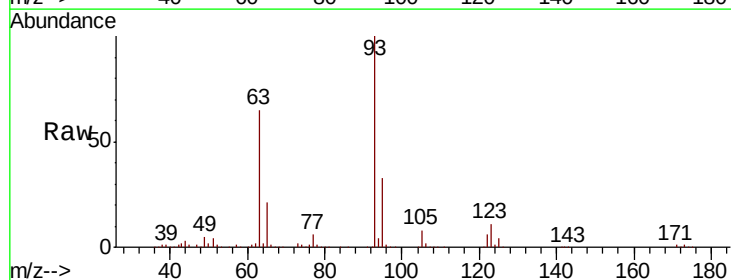
Tgt Ion: 93 Resp: 649939

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

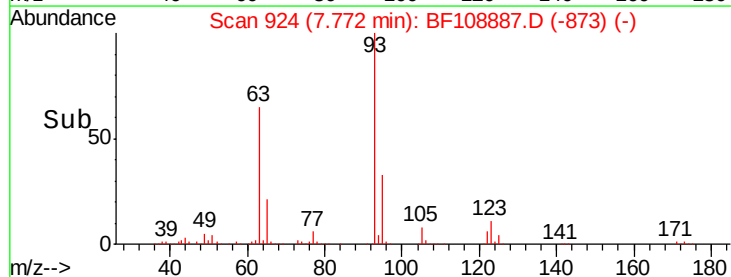
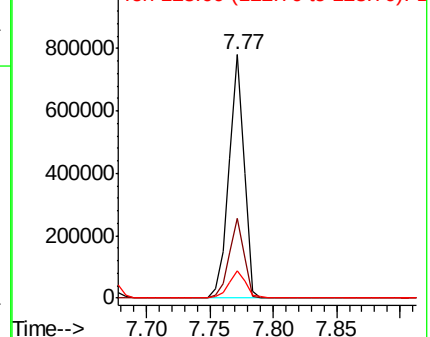
123 11.1 9.8 14.6

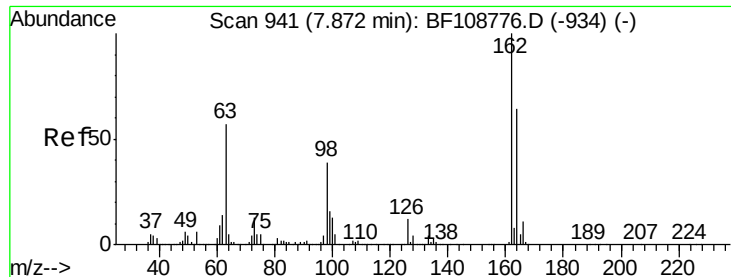


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

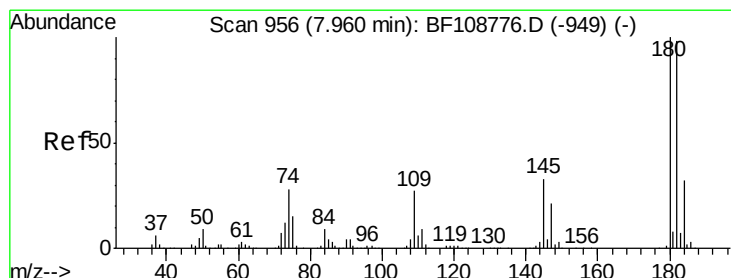
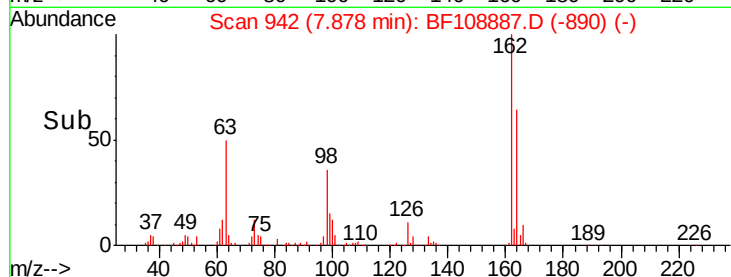
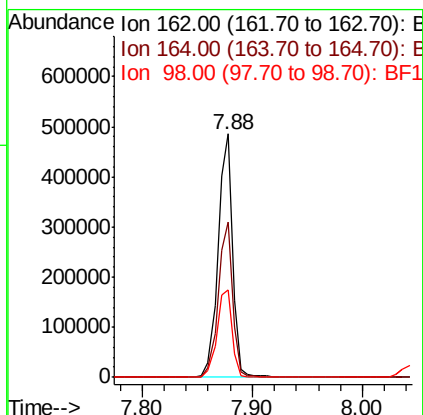
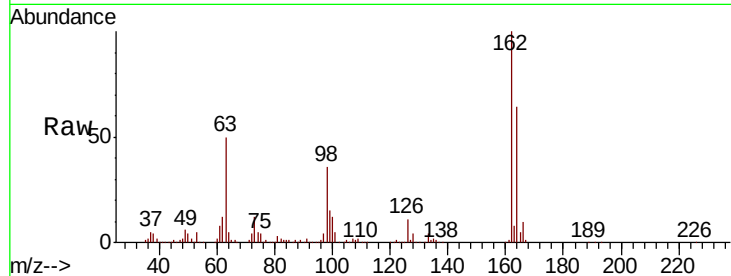




#29
2,4-Dichlorophenol
Concen: 39.806 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

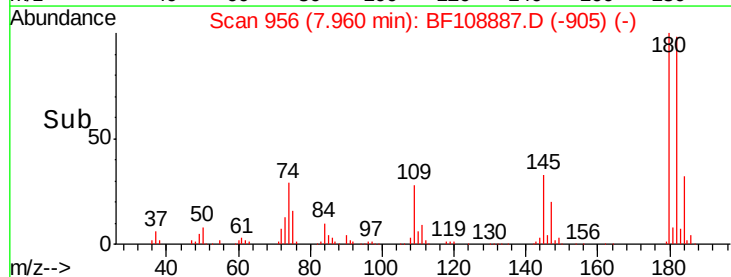
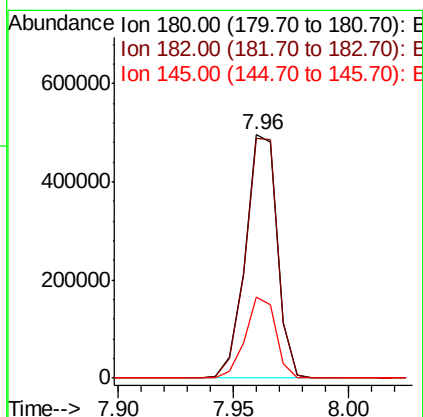
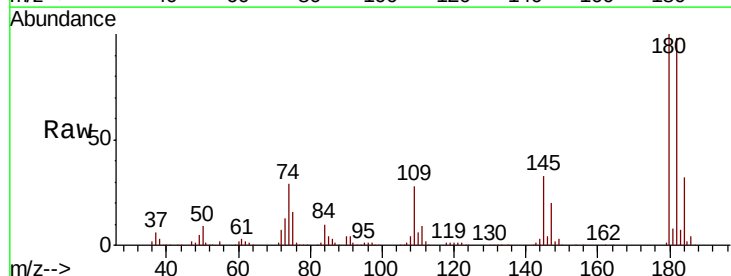
Instrument :
BNA_E
ClientSampleId :

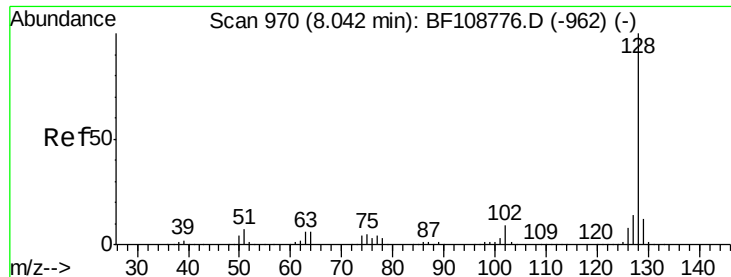
Tot Ion:162 Resp: 445052
Ion Ratio Lower Upper
162 100
164 63.8 42.7 82.7
98 35.7 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 39.422 ng
RT: 7.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:180 Resp: 477666
Ion Ratio Lower Upper
180 100
182 98.4 76.8 115.2
145 33.4 26.5 39.7

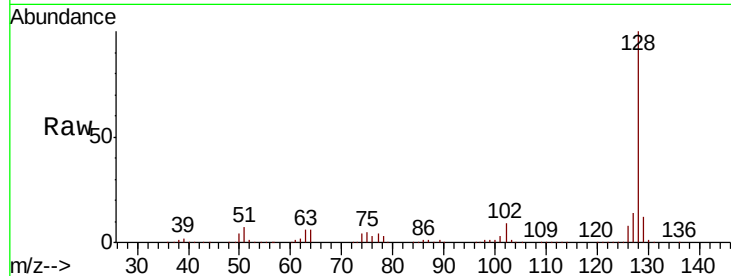




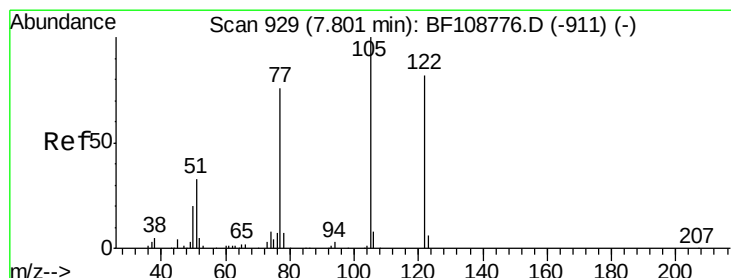
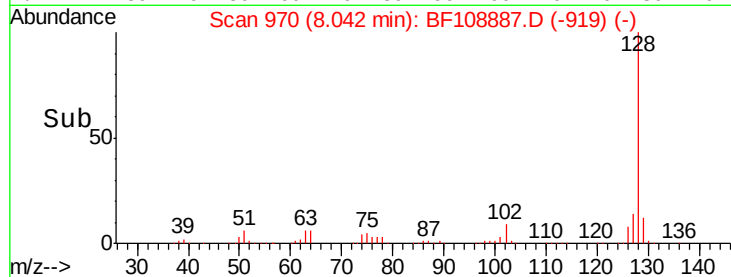
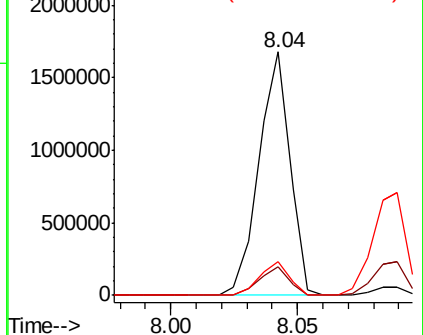
#31
Naphthalene
Concen: 40.419 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 1437490
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.9 16.3

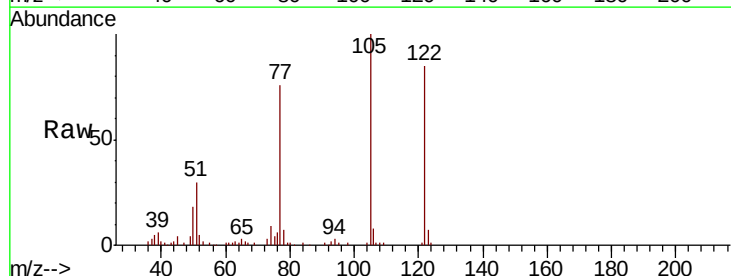


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

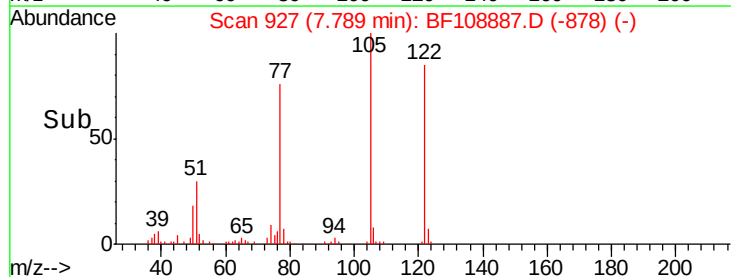
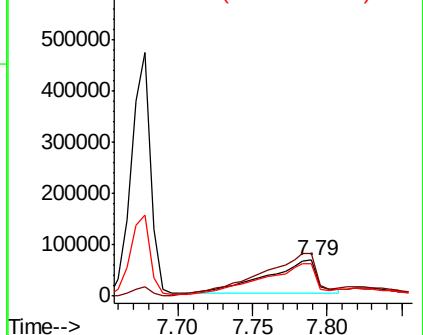


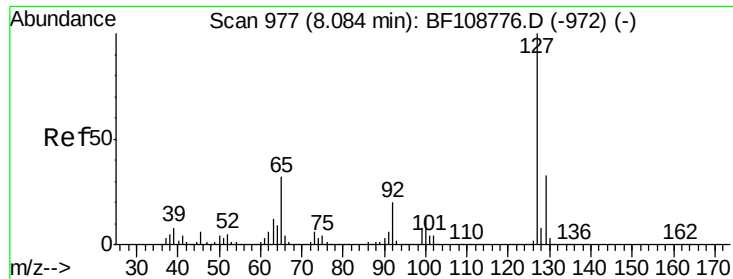
#32
Benzoic acid
Concen: 25.191 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:122 Resp: 153618
Ion Ratio Lower Upper
122 100
105 118.3 101.1 141.1
77 89.5 70.7 110.7



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

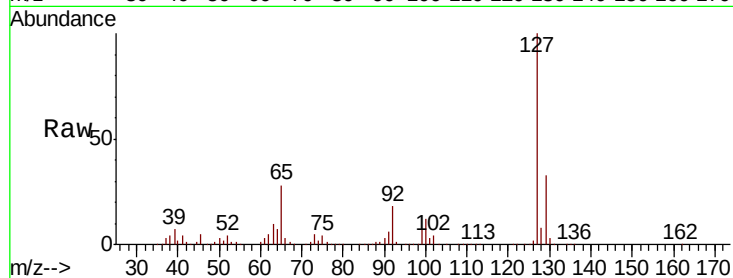




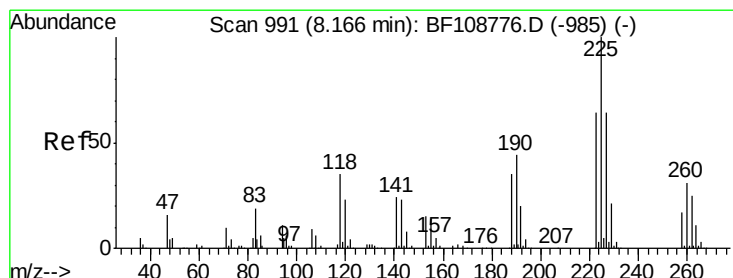
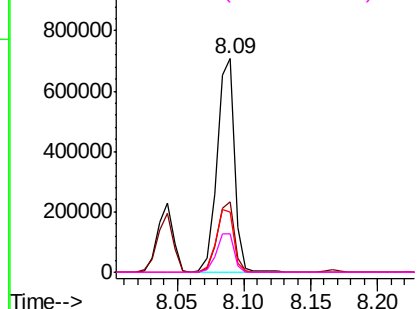
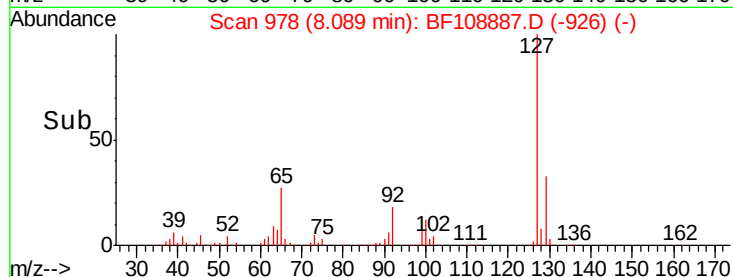
#33
 4-Chloroaniline
 Concen: 39.959 ng
 RT: 8.09 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleID :

Tot Ion:127	Resp:	652683
Ion	Ratio	Lower Upper
127	100	
129	33.2	25.9 38.9
65	28.3	25.0 37.4
92	18.3	15.2 22.8

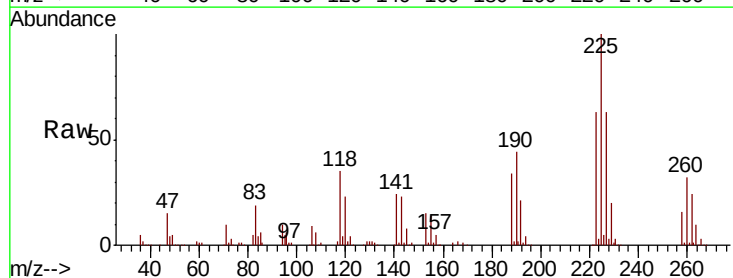


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

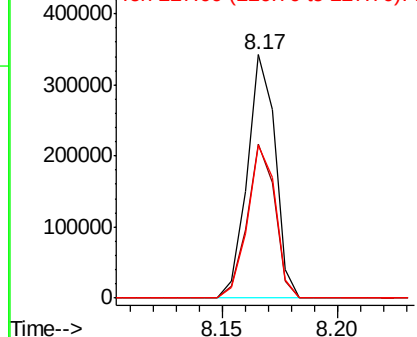
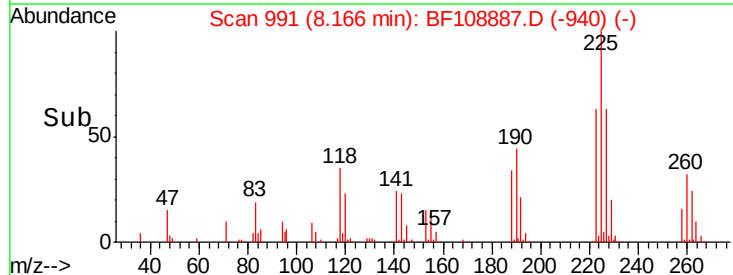


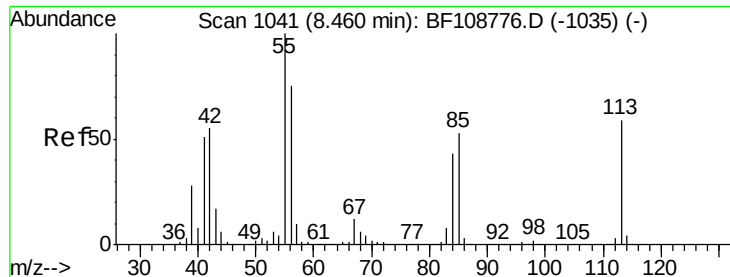
#34
 Hexachlorobutadiene
 Concen: 40.316 ng
 RT: 8.17 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:225	Resp:	291829
Ion	Ratio	Lower Upper
225	100	
223	63.4	50.6 76.0
227	62.8	51.9 77.9



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

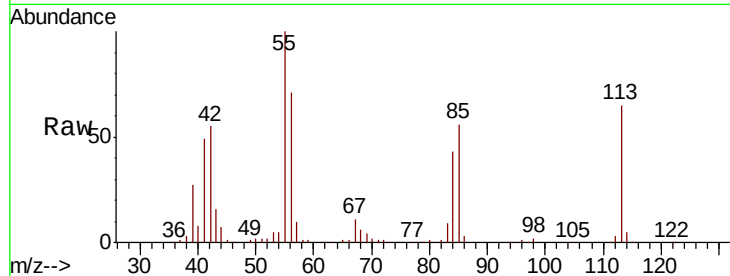




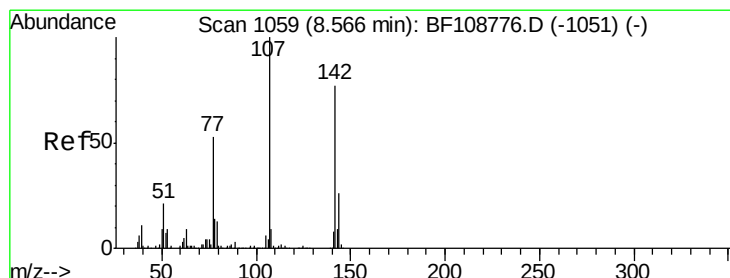
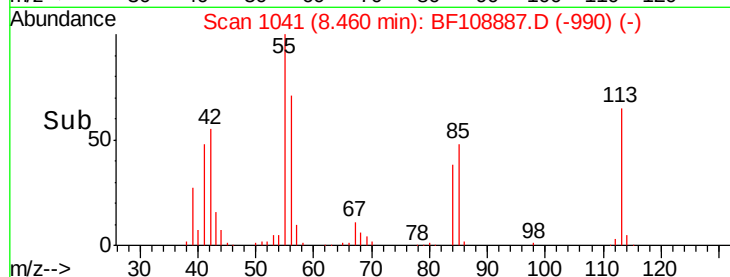
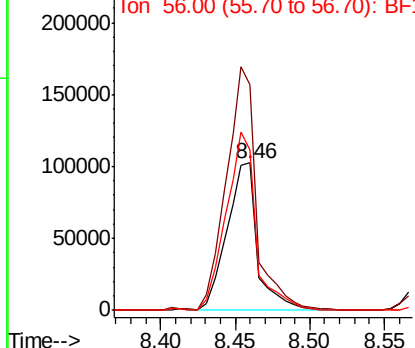
#35
 Caprolactam
 Concen: 38.766 ng
 RT: 8.46 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:113 Resp: 146869
 Ion Ratio Lower Upper
 113 100
 55 153.5 163.3 203.3#
 56 109.4 115.7 155.7#

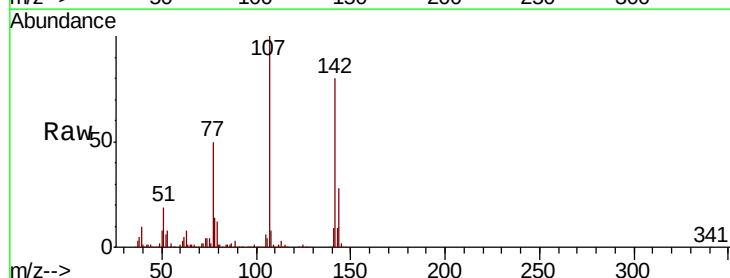


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

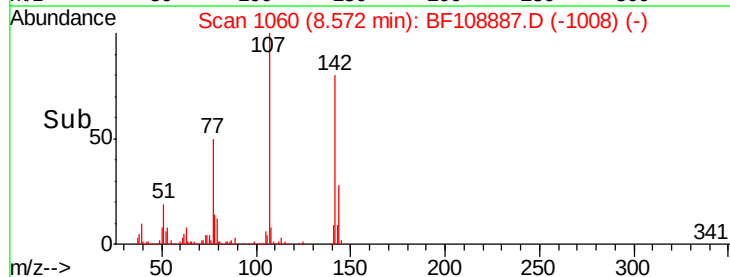
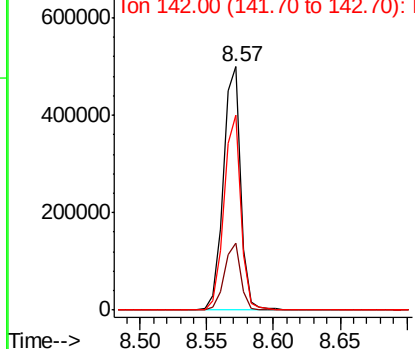


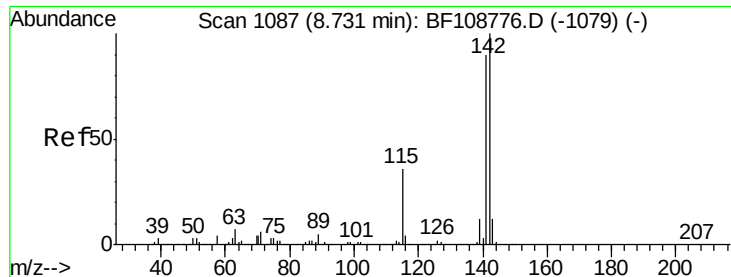
#36
 4-Chloro-3-methylphenol
 Concen: 38.841 ng
 RT: 8.57 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:107 Resp: 462613
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.5 30.7
 142 79.8 62.0 93.0



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

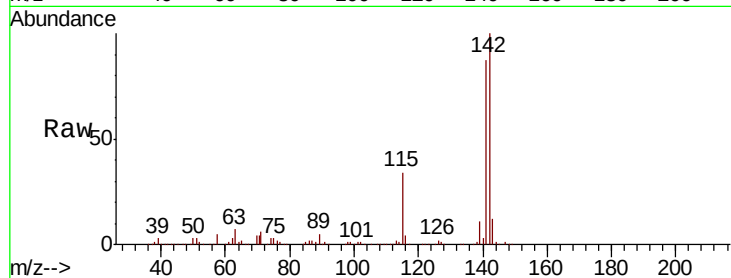




#37
 2-Methylnaphthalene
 Concen: 39.640 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	34.1	26.1	39.1

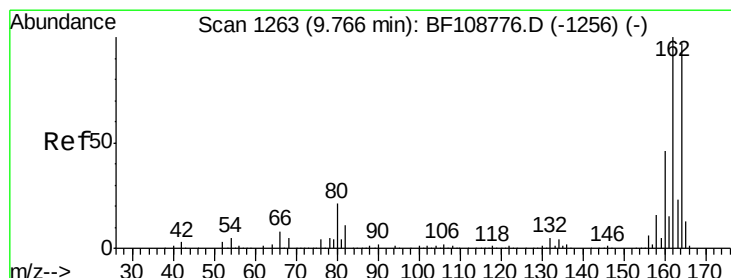
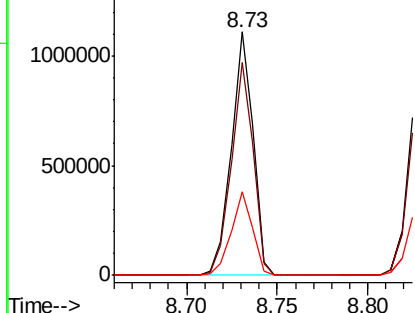
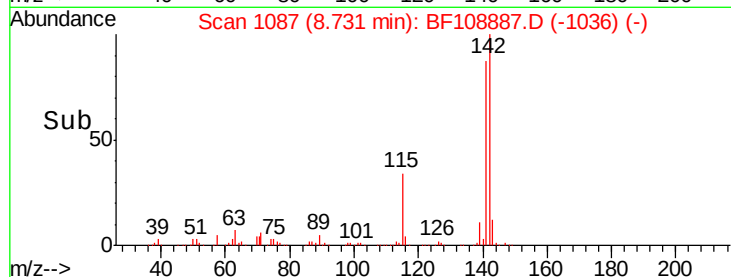


Abundance

Ion 142.00 (141.70 to 142.70): E

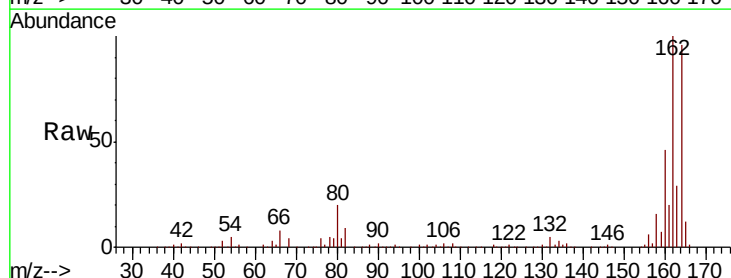
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.7	38.3	57.5

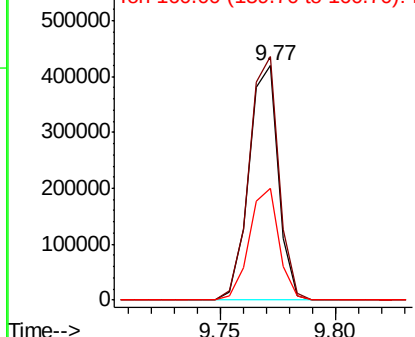
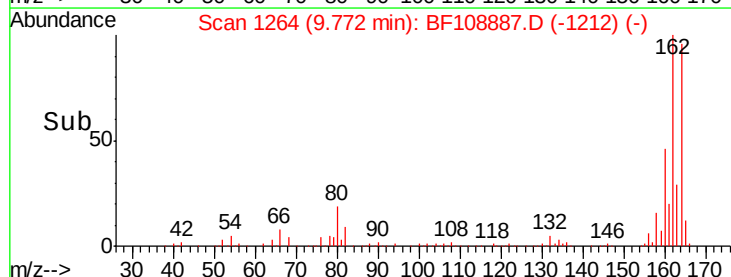


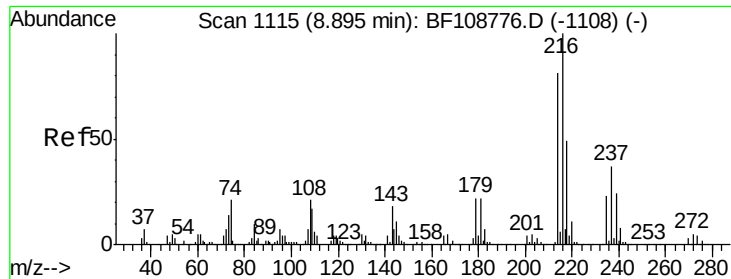
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.516 ng

RT: 8.90 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:216 Resp: 465019

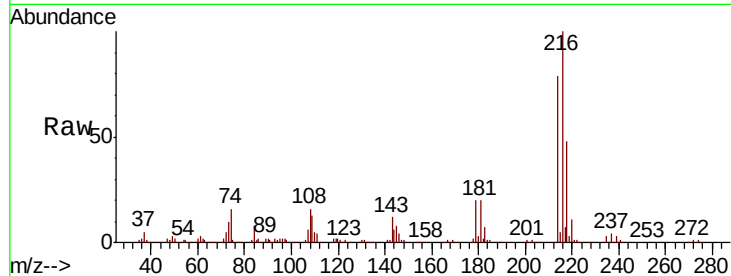
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 20.8 18.1 27.1

108 19.0 17.2 25.8

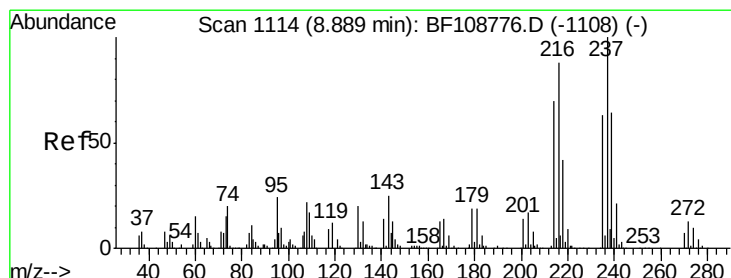
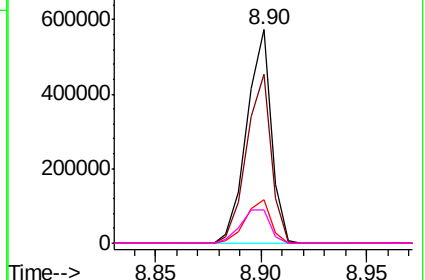
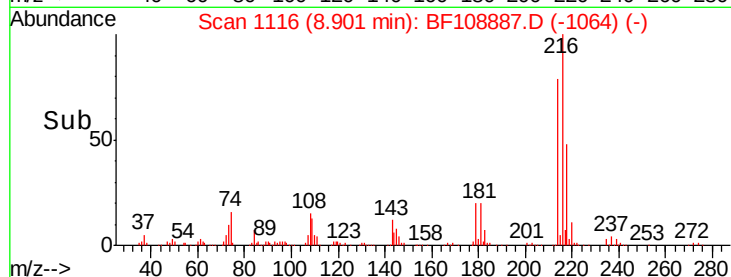


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.684 ng

RT: 8.89 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

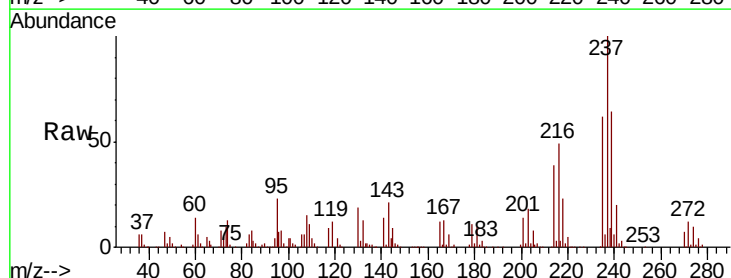
Tgt Ion:237 Resp: 223617

Ion Ratio Lower Upper

237 100

235 61.7 44.8 84.8

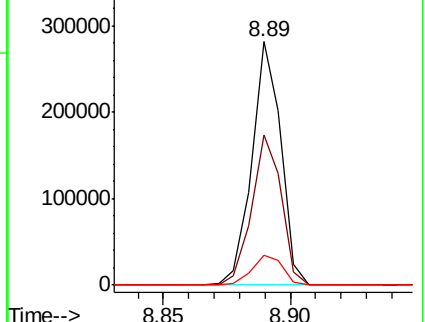
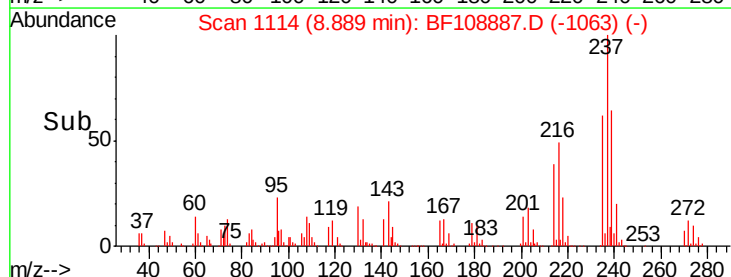
272 12.3 0.0 33.3

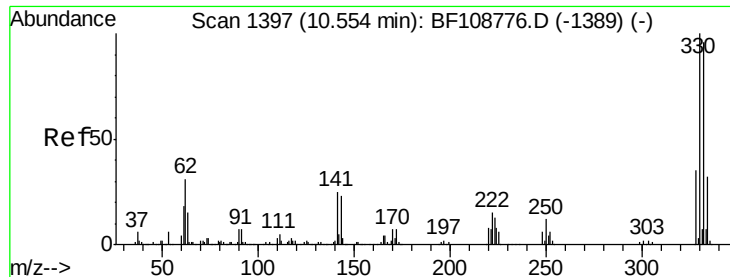


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

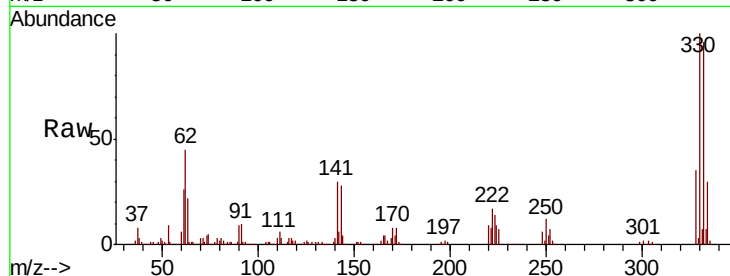




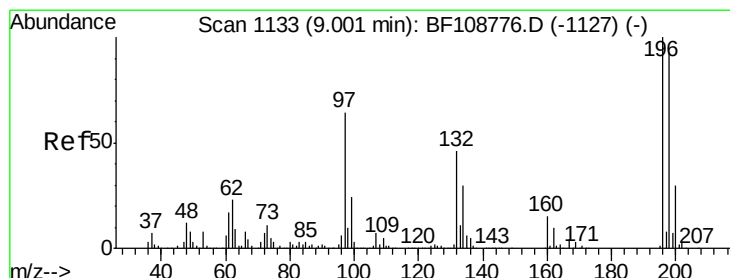
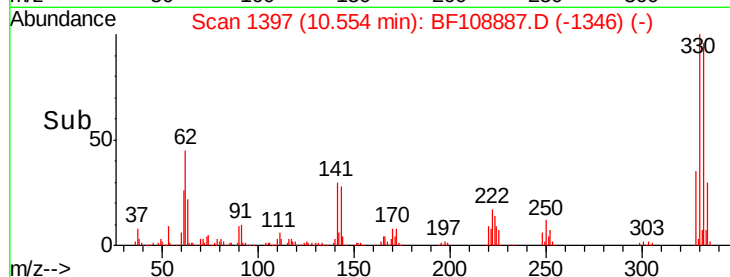
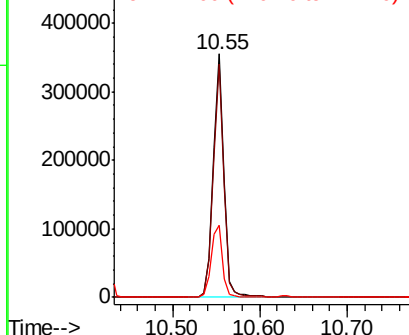
#41
 2,4,6-Tribromophenol
 Concen: 85.071 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.7	29.9	44.9

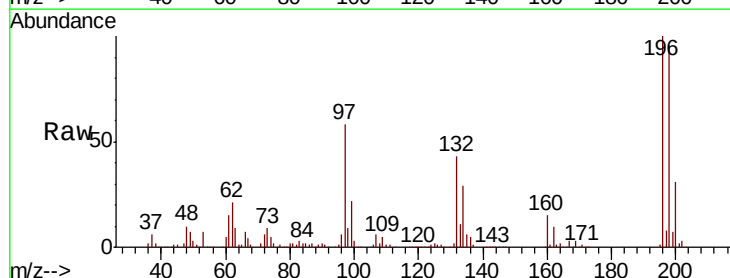


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

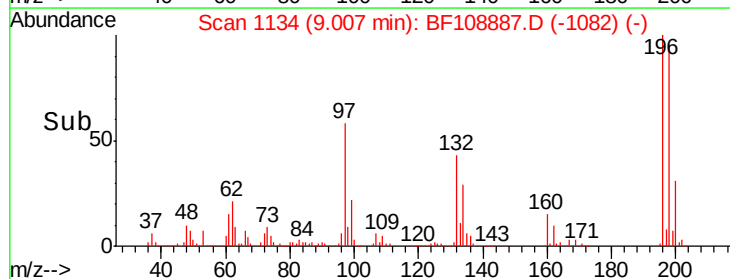
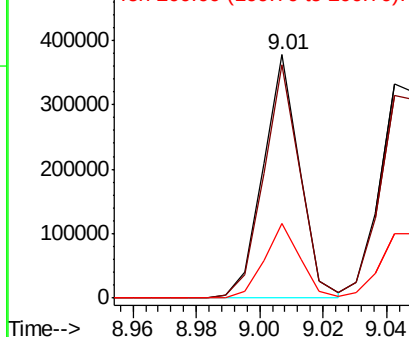


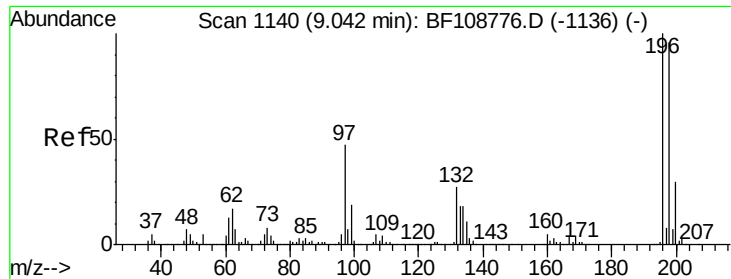
#42
 2,4,6-Trichlorophenol
 Concen: 39.543 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	30.8	24.5	36.7



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

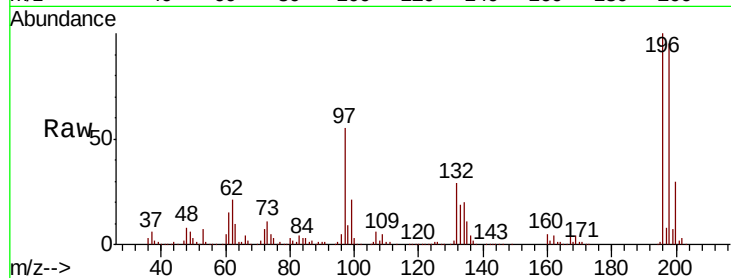




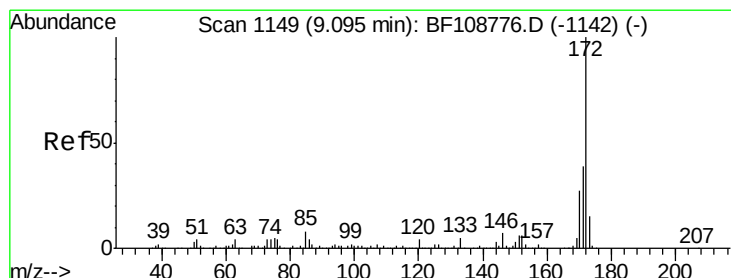
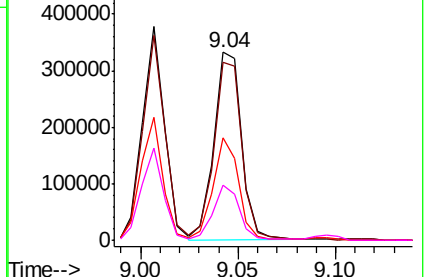
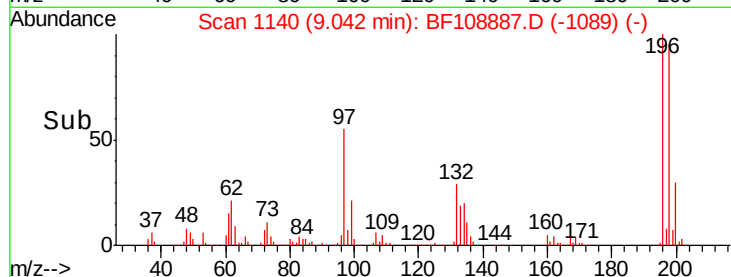
#43
 2,4,5-Trichlorophenol
 Concen: 41.364 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:196	Resp:	327119
Ion	Ratio	Lower Upper
196	100	
198	94.7	74.6 112.0
97	54.8	42.9 64.3
132	29.4	26.3 39.5

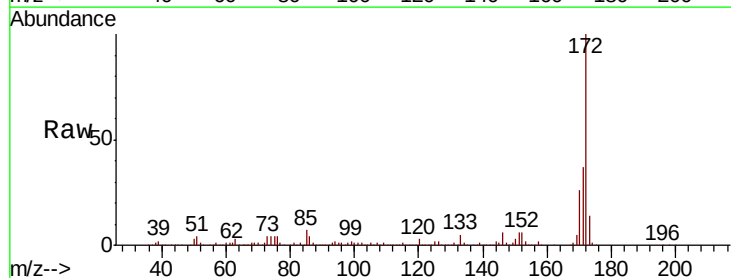


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

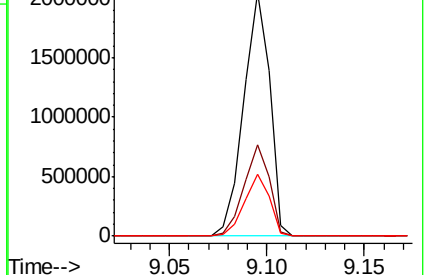
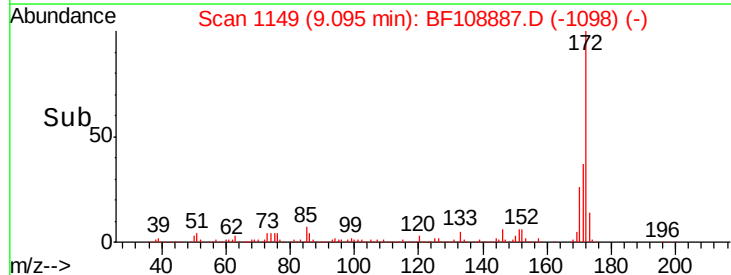


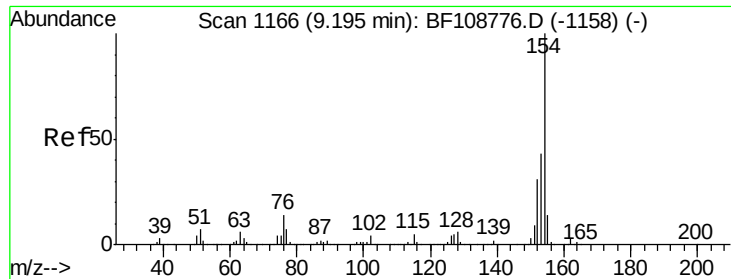
#44
 2-Fluorobiphenyl
 Concen: 86.534 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:172	Resp:	1900638
Ion	Ratio	Lower Upper
172	100	
171	37.3	29.7 44.5
170	25.6	19.6 29.4



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

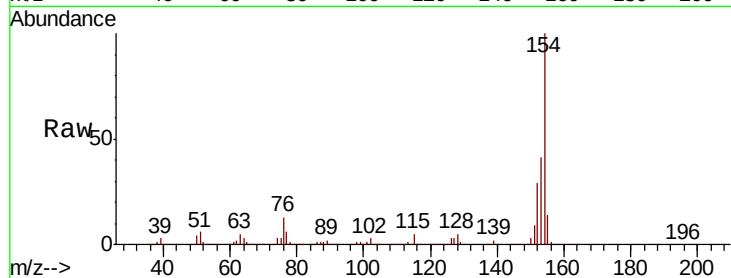




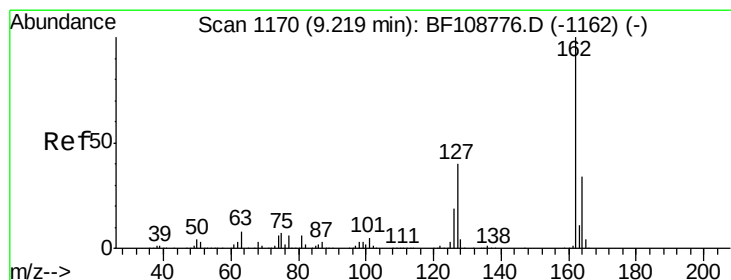
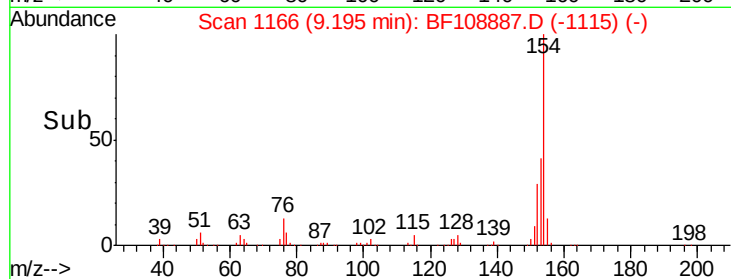
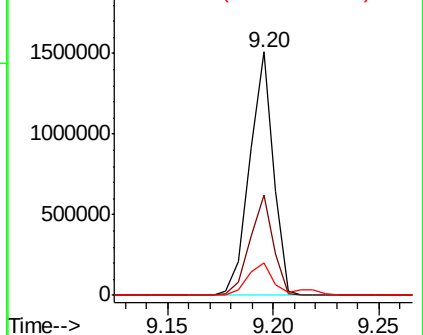
#45
 1,1'-Biphenyl
 Concen: 40.849 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:154 Resp: 1178393
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.3 0.0 34.0

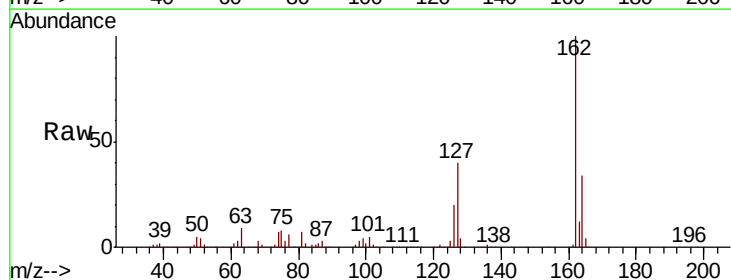


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

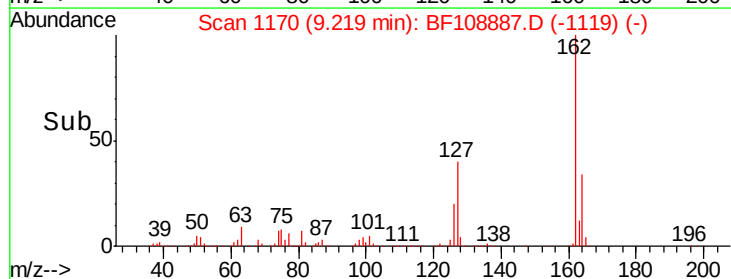
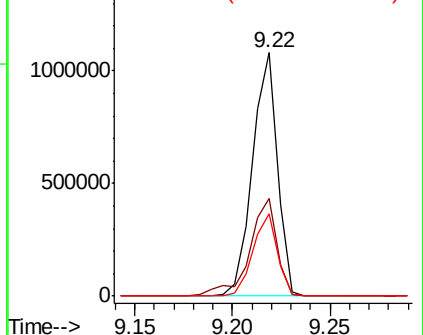


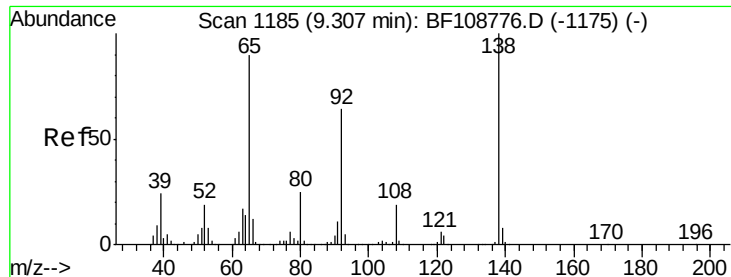
#46
 2-Chloronaphthalene
 Concen: 40.856 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:162 Resp: 953170
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.9 50.9
 164 33.9 26.5 39.7



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

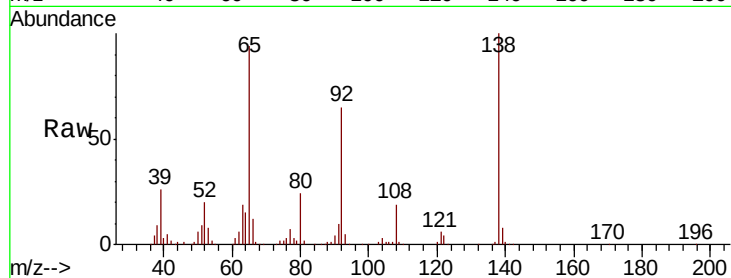




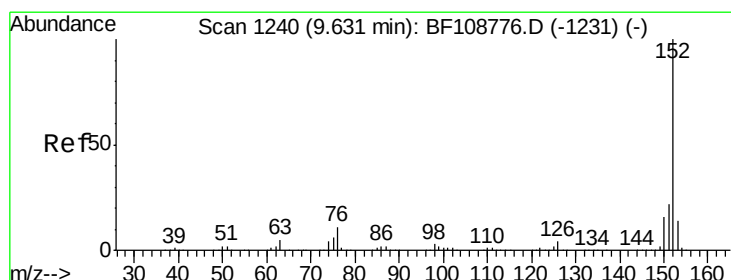
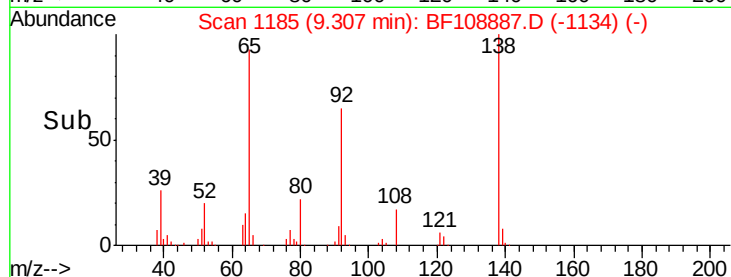
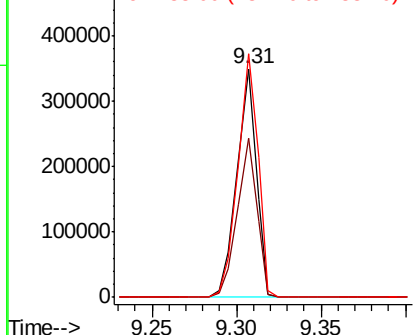
#47
2-Nitroaniline
Concen: 44.163 ng
RT: 9.31 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 65 Resp: 281471
Ion Ratio Lower Upper
65 100
92 69.7 55.8 83.6
138 106.5 91.2 136.8

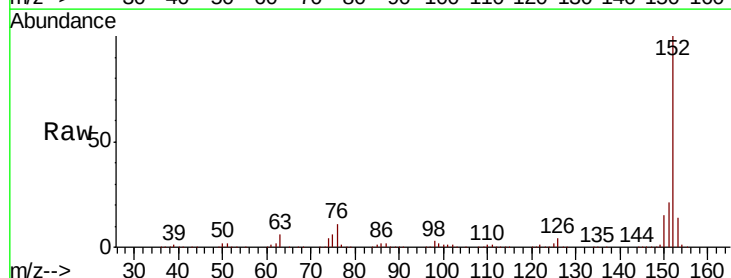


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

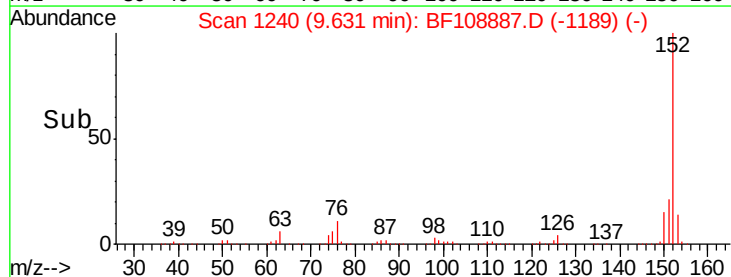
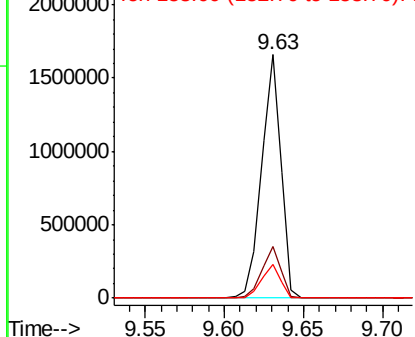


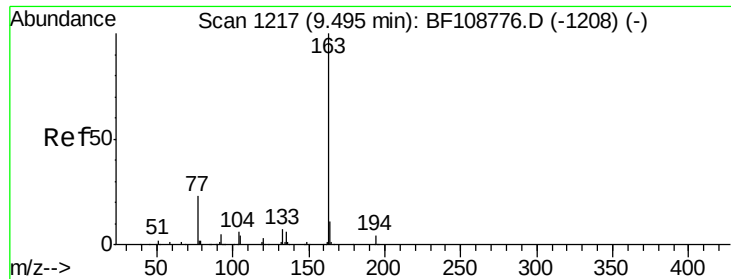
#48
Acenaphthylene
Concen: 40.914 ng
RT: 9.63 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion: 152 Resp: 1422788
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

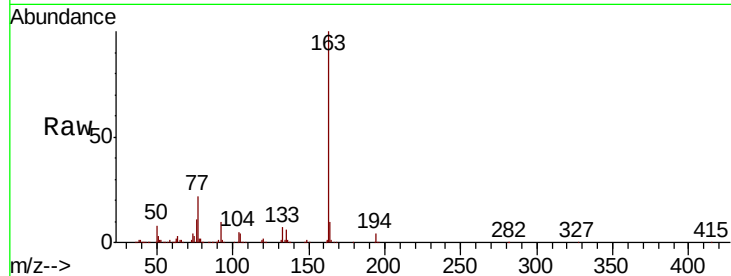




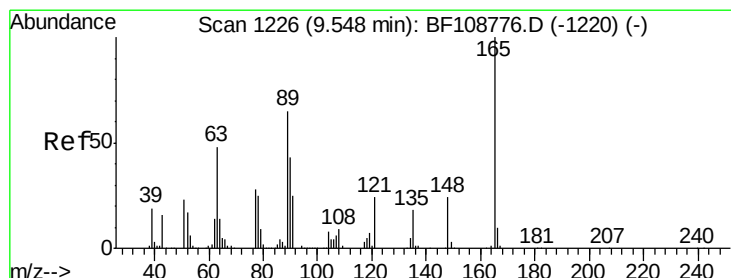
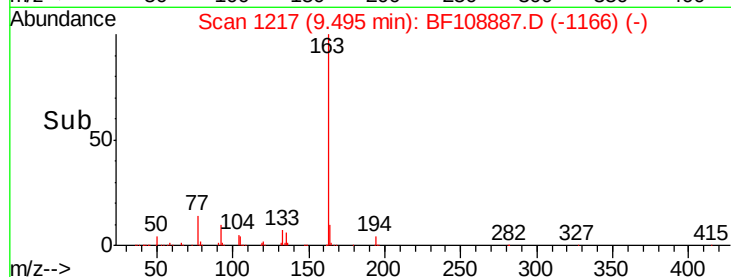
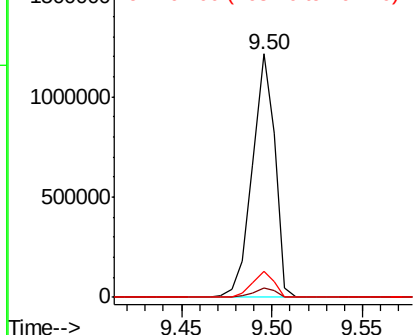
#49
Dimethylphthalate
Concen: 40.050 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:163 Resp: 1049641
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

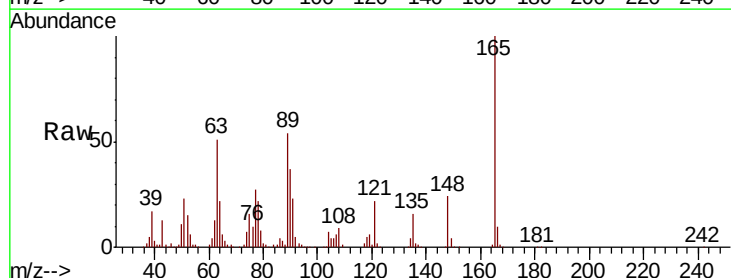


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

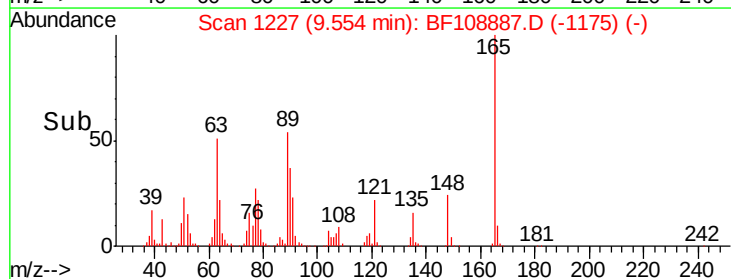
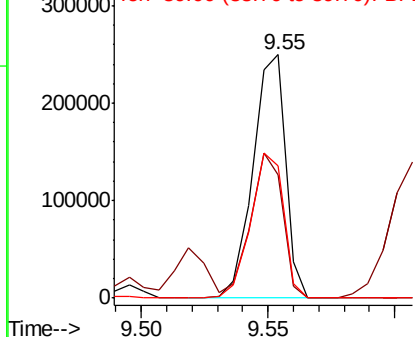


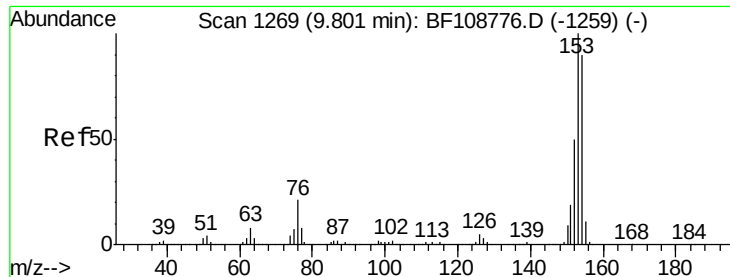
#50
2,6-Dinitrotoluene
Concen: 44.963 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:165 Resp: 224541
Ion Ratio Lower Upper
165 100
63 50.7 44.7 67.1
89 54.5 44.0 66.0



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





#51

Acenaphthene

Concen: 40.624 ng

RT: 9.80 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

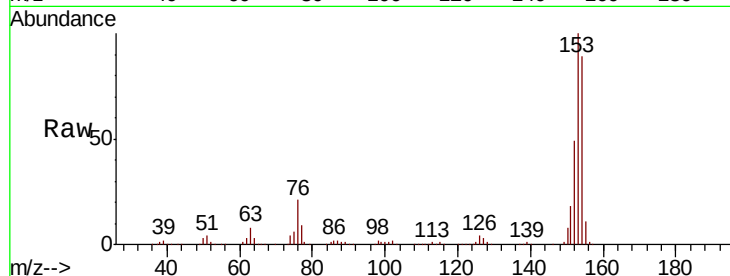
Tot Ion:154 Resp: 874221

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

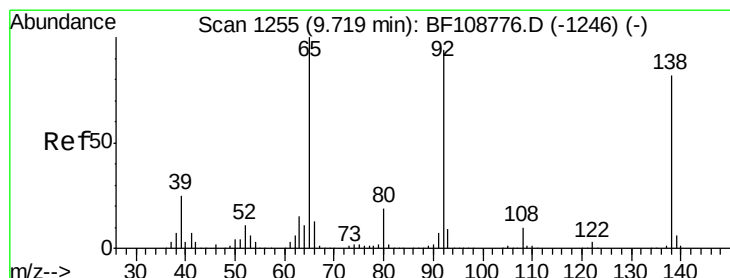
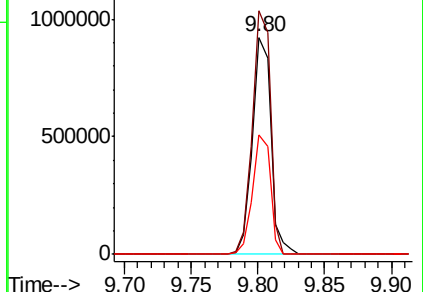
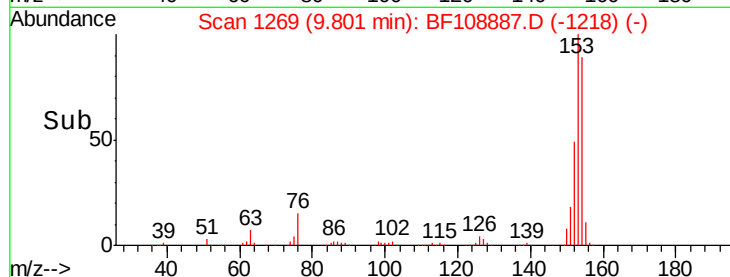
152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.461 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

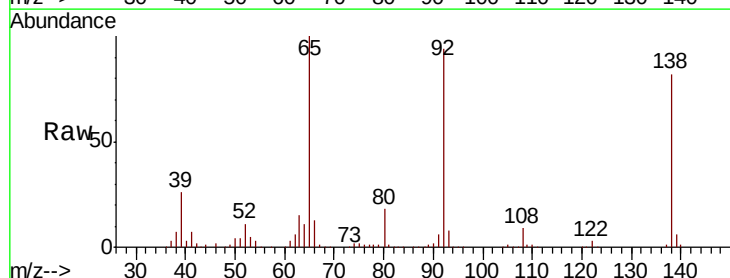
Tgt Ion:138 Resp: 276193

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

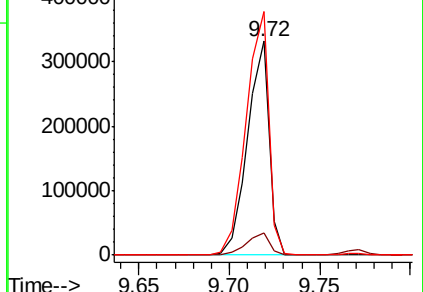
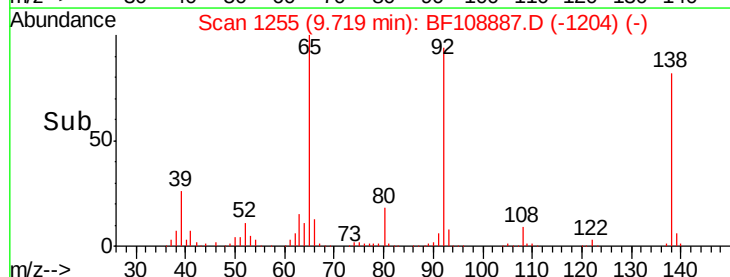
92 113.9 89.4 134.2

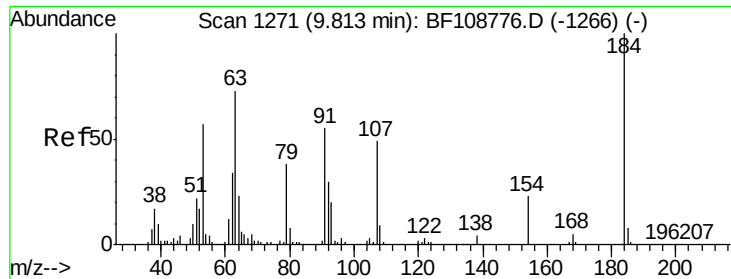


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

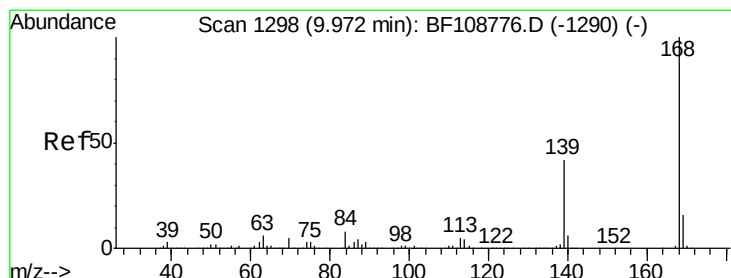
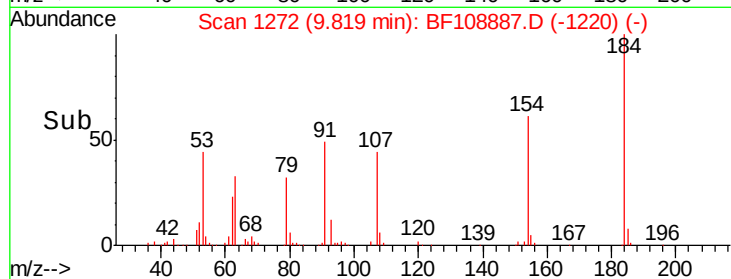
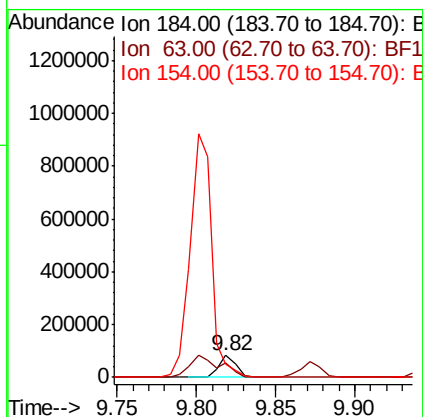
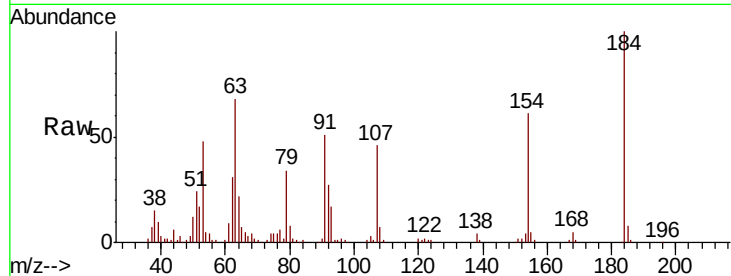




#53
 2,4-Dinitrophenol
 Concen: 39.725 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

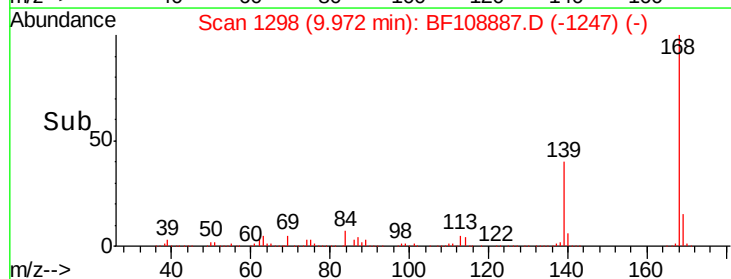
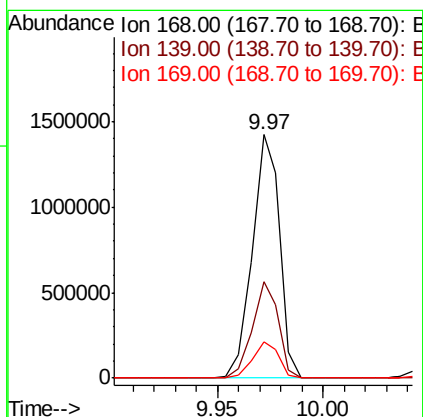
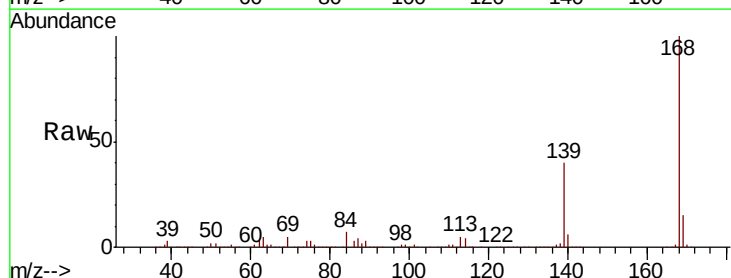
Instrument :
 BNA_E
 ClientSampleId :

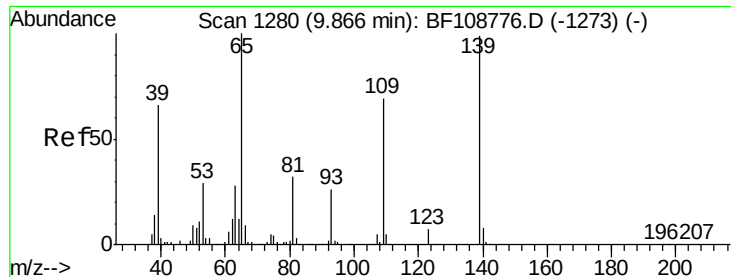
Tot Ion:184 Resp: 63157
 Ion Ratio Lower Upper
 184 100
 63 67.7 54.2 81.2
 154 61.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.527 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:168 Resp: 1271275
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.1 45.1
 169 14.9 10.9 16.3

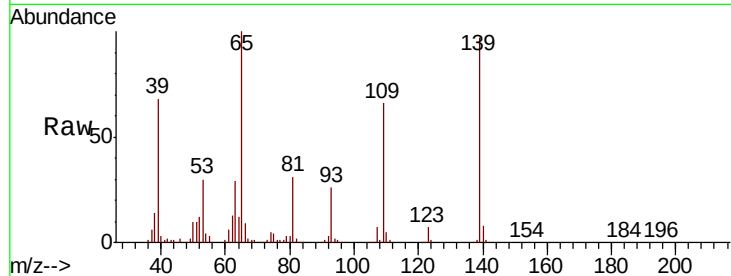




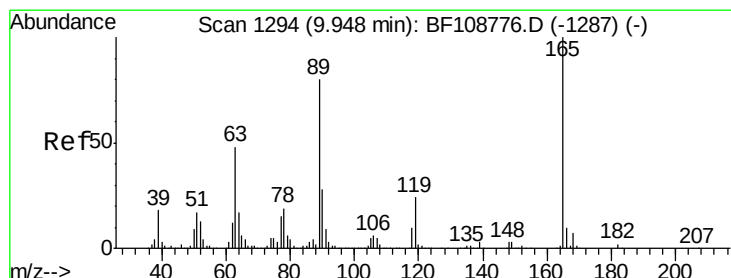
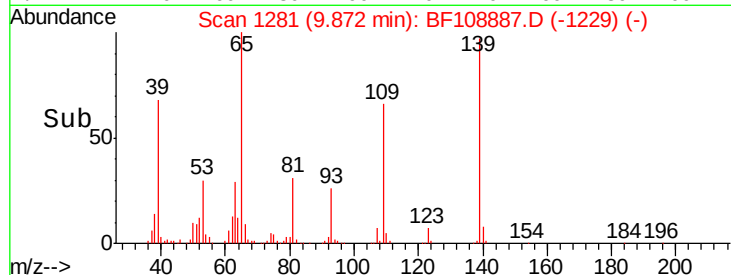
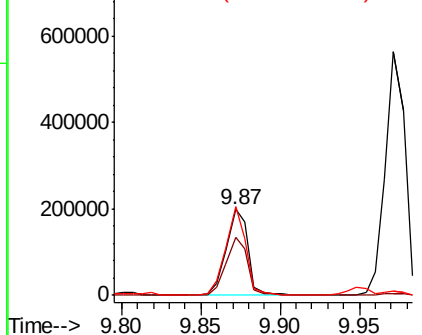
#55
4-Nitrophenol
Concen: 42.523 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:139 Resp: 188978
Ion Ratio Lower Upper
139 100
109 68.2 48.4 88.4
65 103.0 72.6 112.6

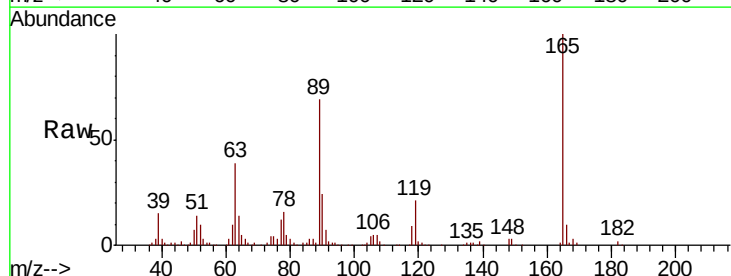


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

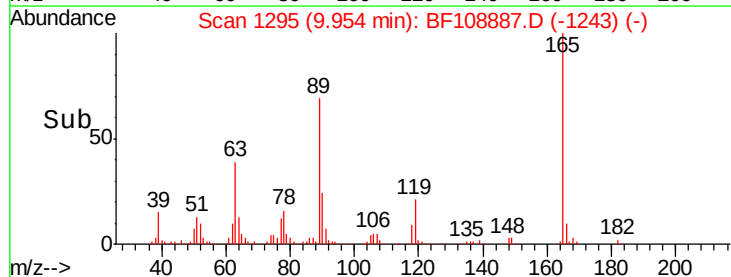
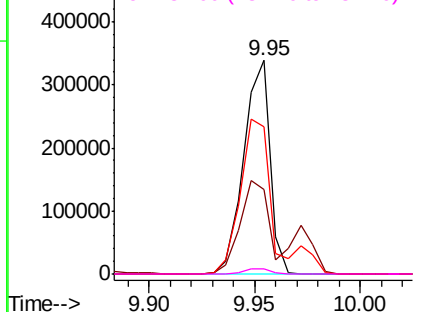


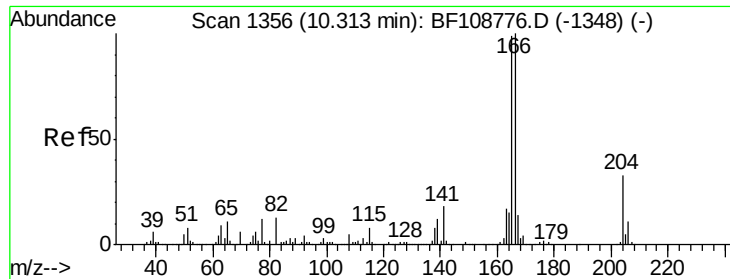
#56
2,4-Dinitrotoluene
Concen: 45.698 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:165 Resp: 291852
Ion Ratio Lower Upper
165 100
63 39.3 36.4 54.6
89 68.9 57.8 86.6
182 2.4 1.6 2.4#



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

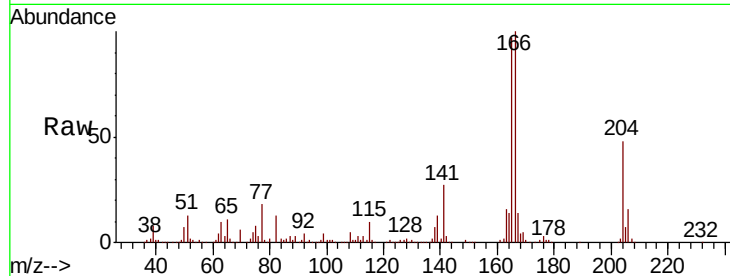




#57
 Fluorene
 Concen: 43.382 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.8
167	13.7	10.6	16.0

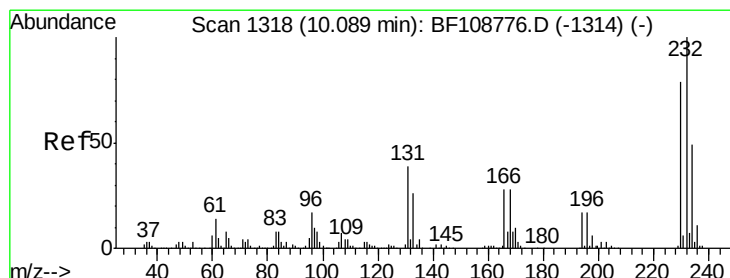
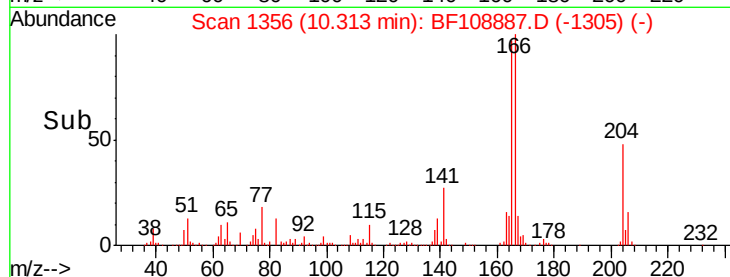
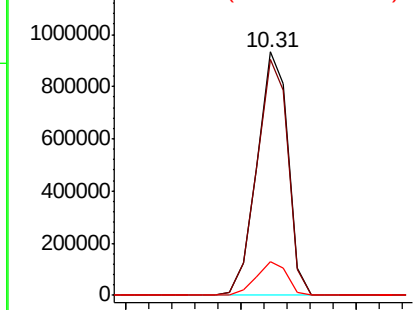


Abundance

Ion 166.00 (165.70 to 166.70): E

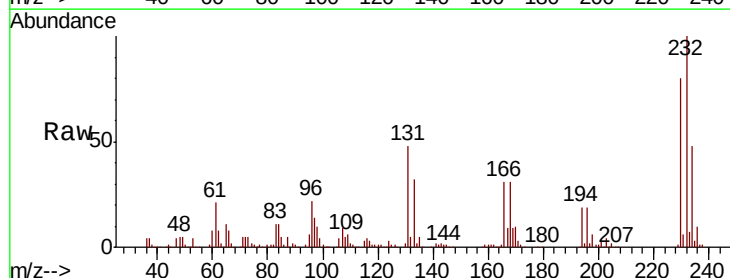
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.400 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.5	43.8	65.8#
130	2.3	2.1	3.1
166	28.4	27.8	41.6



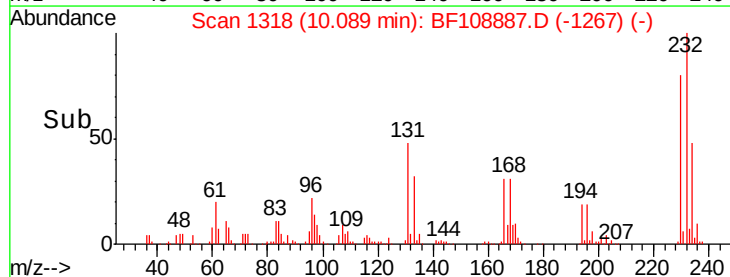
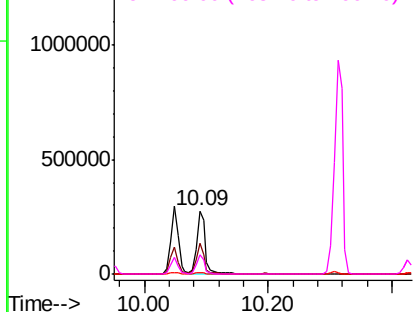
Abundance

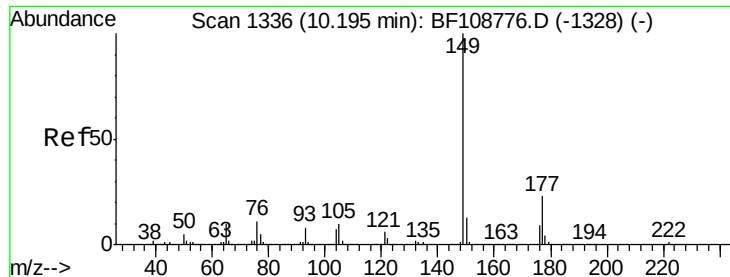
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

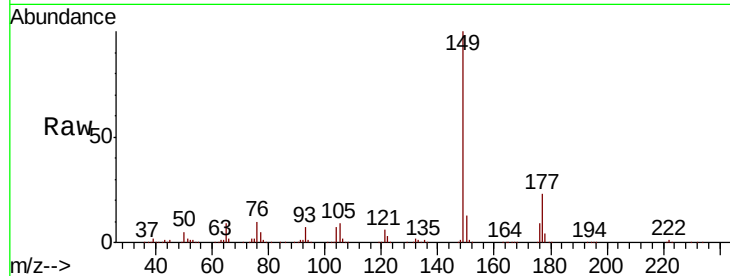




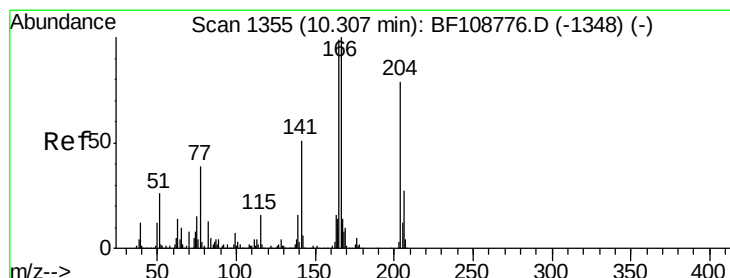
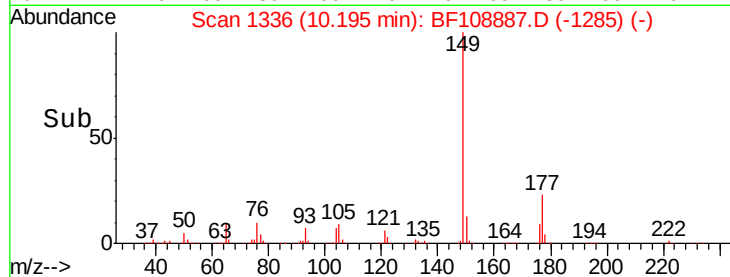
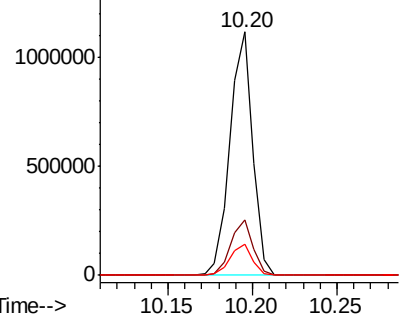
#59
Diethylphthalate
Concen: 38.700 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampled :

Tot Ion:149 Resp: 1046683
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.7 10.1 15.1

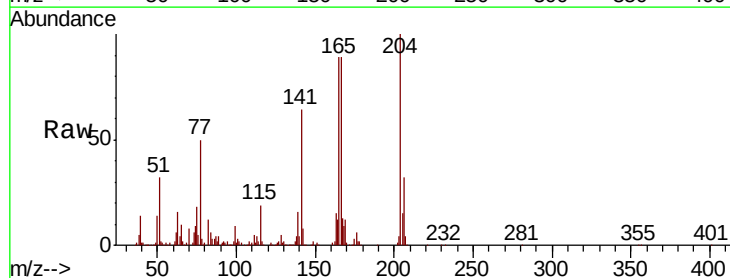


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

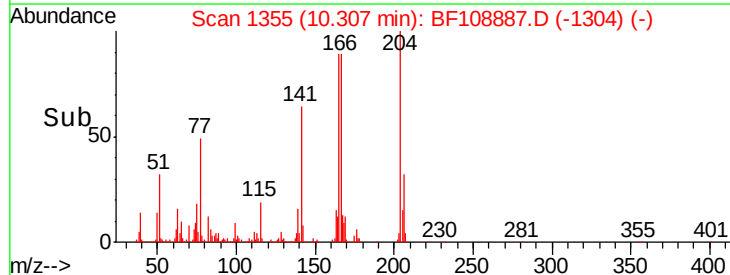
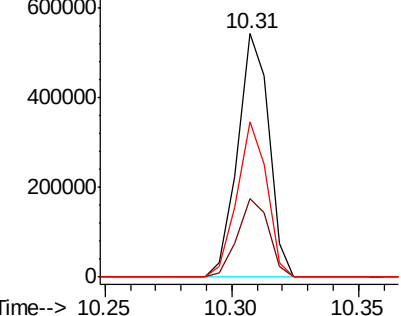


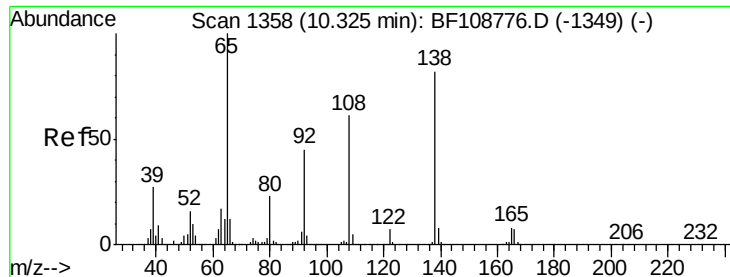
#60
4-Chlorophenyl-phenylether
Concen: 43.484 ng
RT: 10.31 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:204 Resp: 467500
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 63.6 54.6 81.8



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

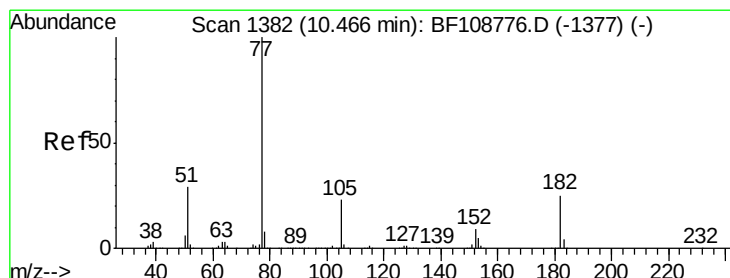
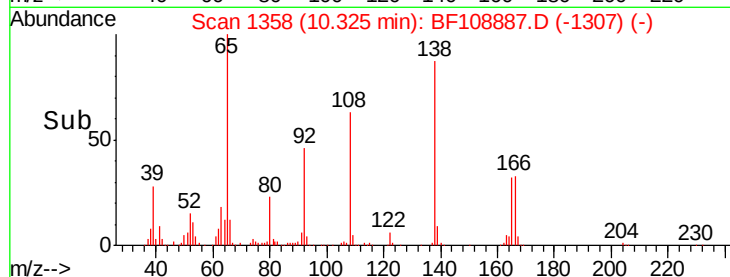
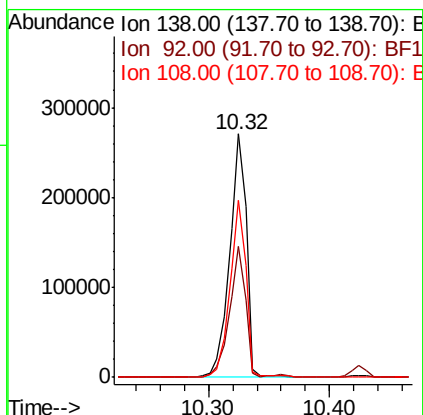
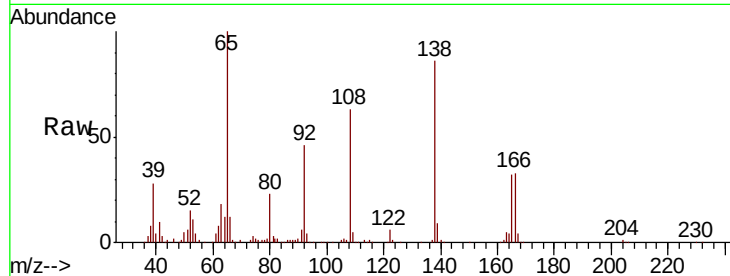




#61
4-Nitroaniline
Concen: 48.427 ng
RT: 10.32 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

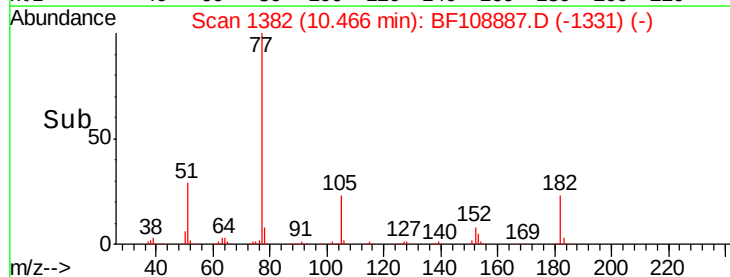
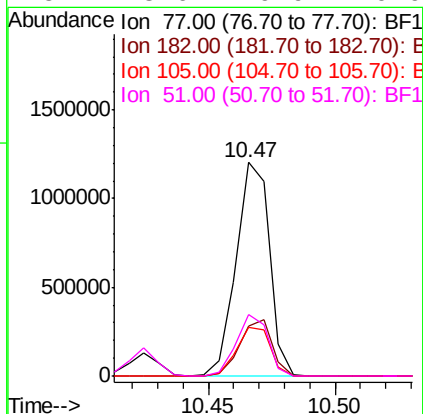
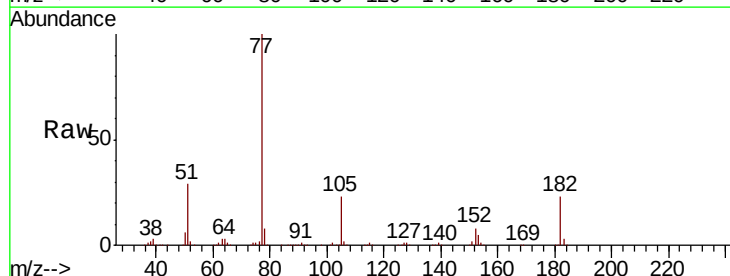
Instrument :
BNA_E
ClientSampleId :

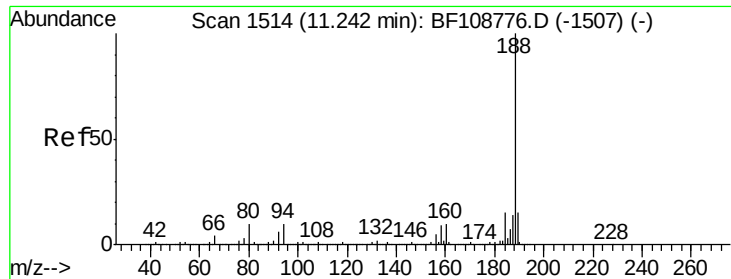
Tot Ion:138 Resp: 260794
Ion Ratio Lower Upper
138 100
92 53.7 30.2 70.2
108 72.9 52.5 92.5



#62
Azobenzene
Concen: 39.280 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion: 77 Resp: 1096608
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 22.6 3.0 43.0
51 28.6 9.9 49.9

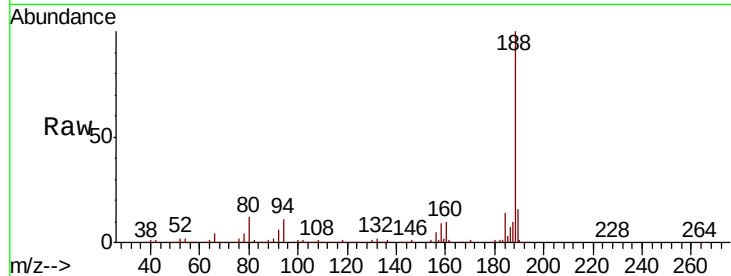




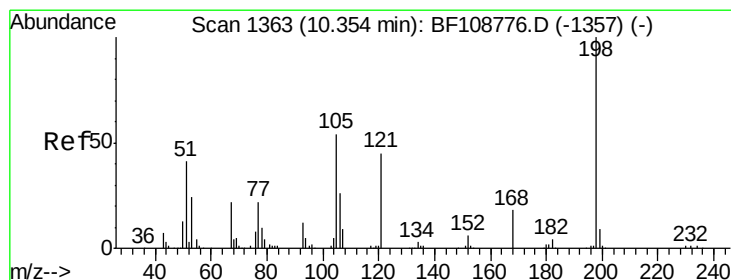
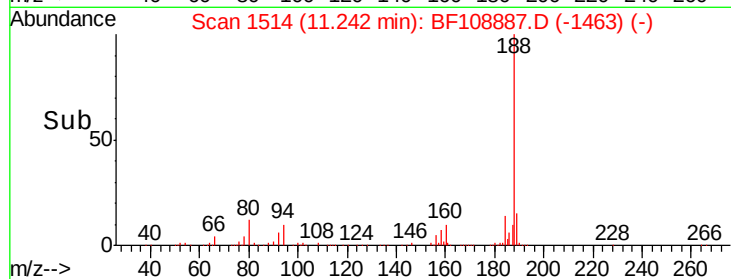
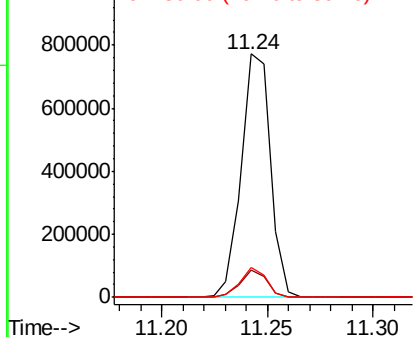
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 740081
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.2 9.2 13.8

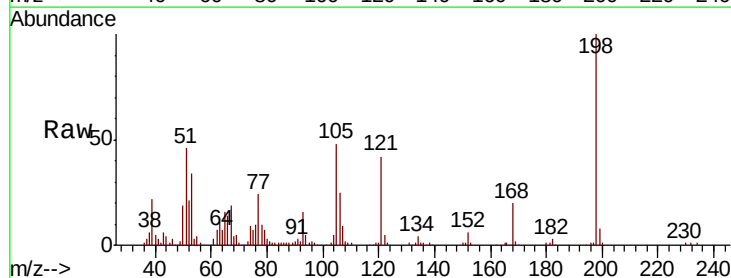


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

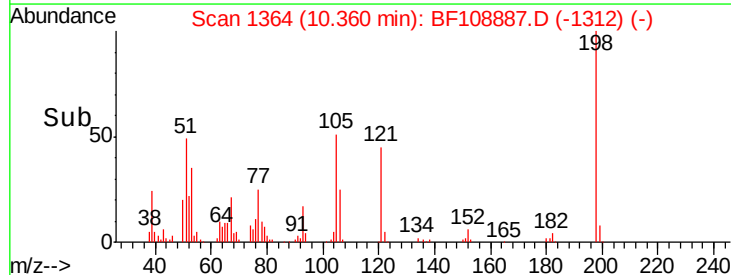
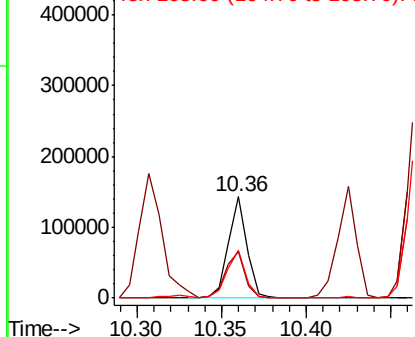


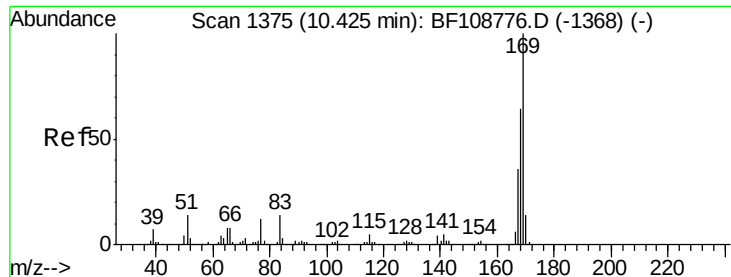
#64
4,6-Dinitro-2-methylphenol
Concen: 38.787 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:198 Resp: 108408
Ion Ratio Lower Upper
198 100
51 46.5 37.7 77.7
105 47.6 36.3 76.3



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

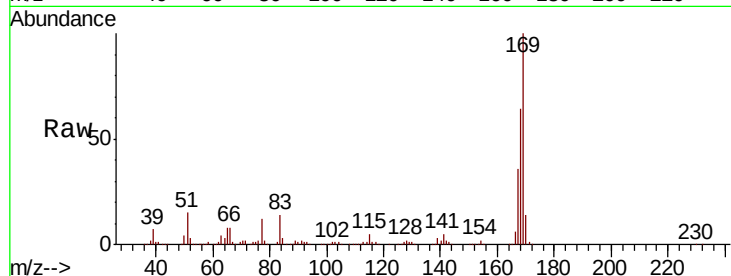




#65
 n-Nitrosodiphenylamine
 Concen: 37.761 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.9	29.8	44.6

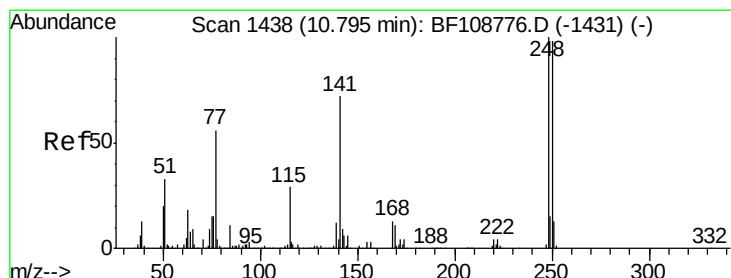
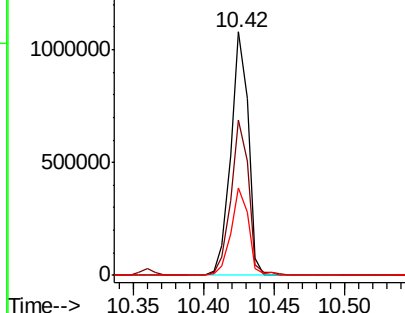
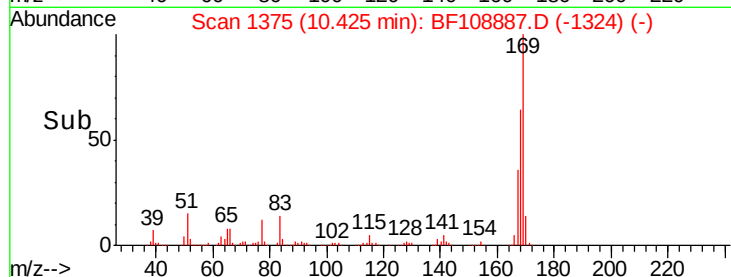


Abundance

Ion 169.00 (168.70 to 169.70): E

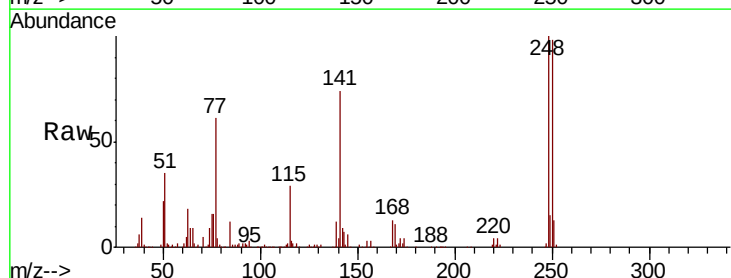
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 38.673 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	73.7	74.4	111.6#

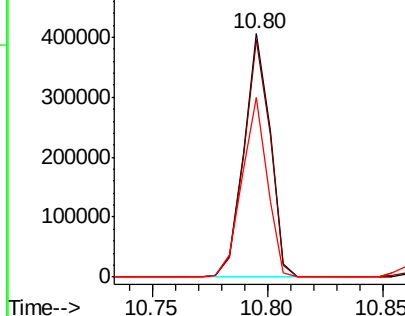
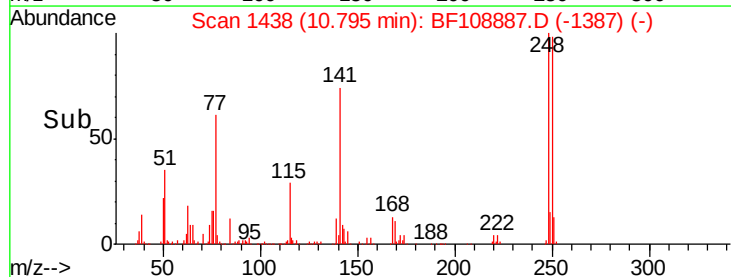


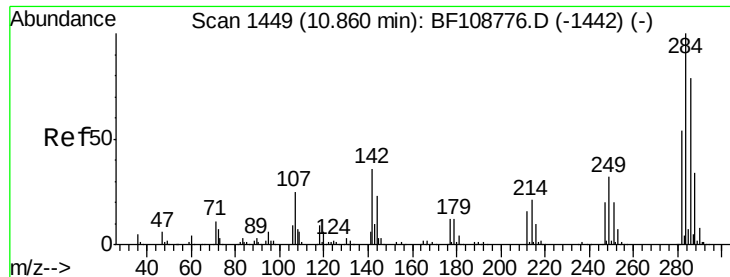
Abundance

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





#67

Hexachlorobenzene

Concen: 38.431 ng

RT: 10.87 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

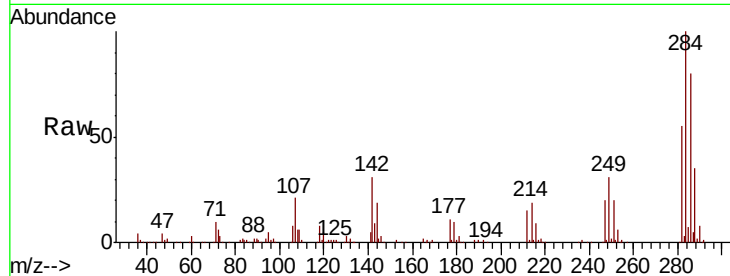
Tot Ion:284 Resp: 342924

Ion Ratio Lower Upper

284 100

142 31.3 34.6 52.0#

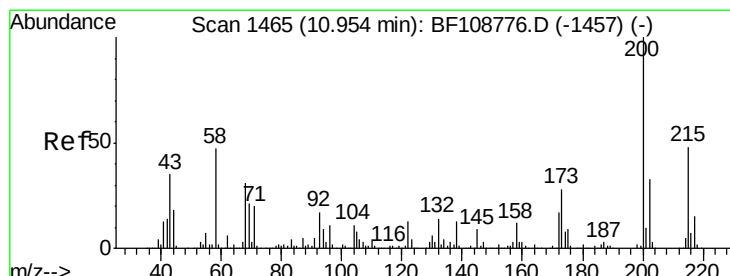
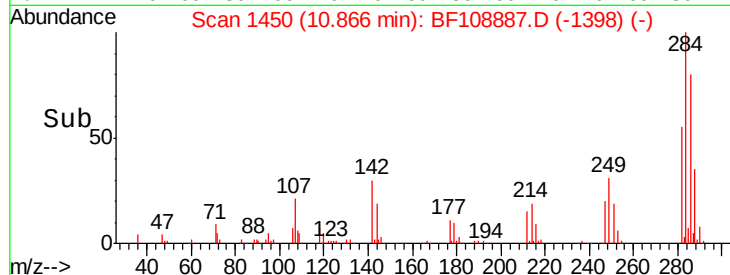
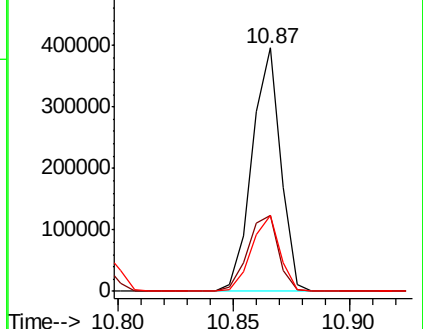
249 31.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.781 ng

RT: 10.95 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

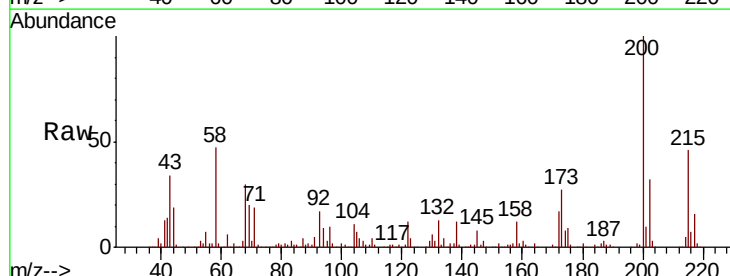
Tgt Ion:200 Resp: 305485

Ion Ratio Lower Upper

200 100

173 27.4 8.6 48.6

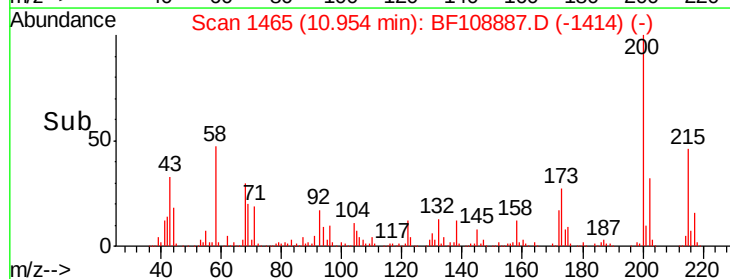
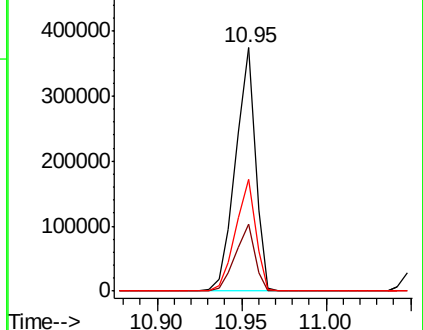
215 45.7 25.1 65.1

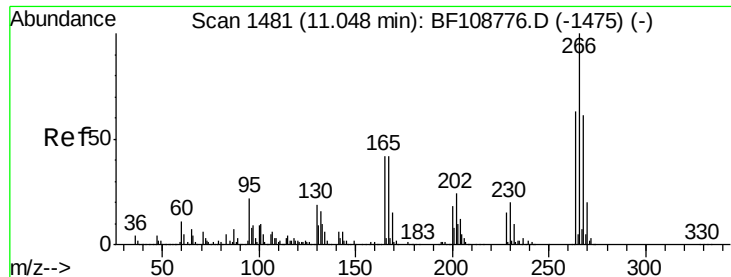


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 38.904 ng

RT: 11.05 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

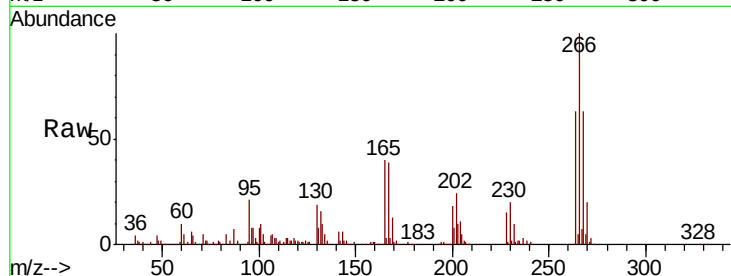
Tot Ion:266 Resp: 212236

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

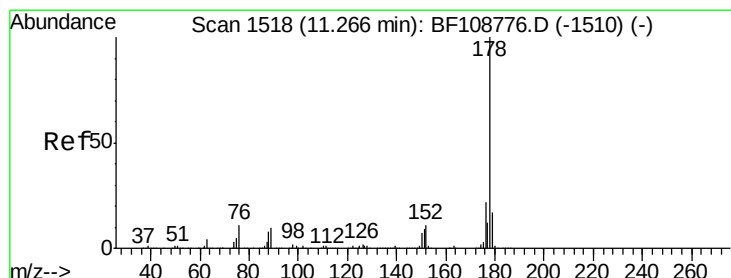
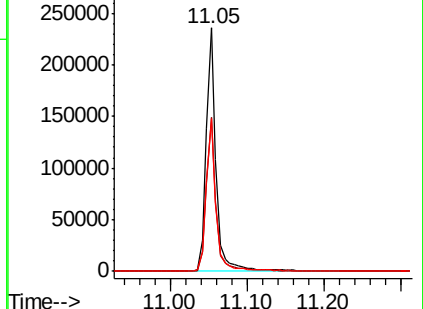
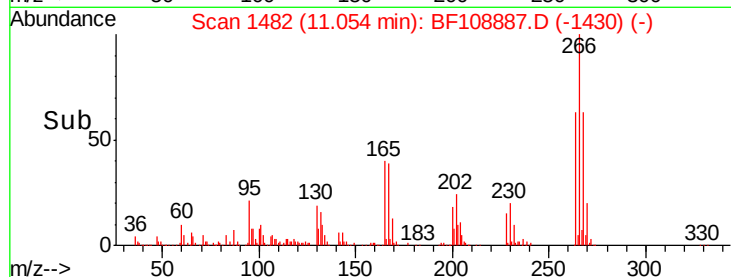
264 62.5 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.019 ng

RT: 11.27 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

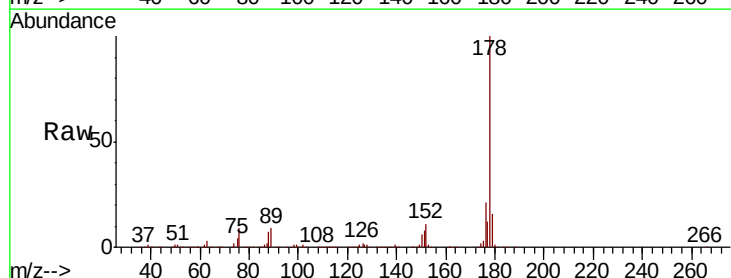
Tgt Ion:178 Resp: 1379007

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.8

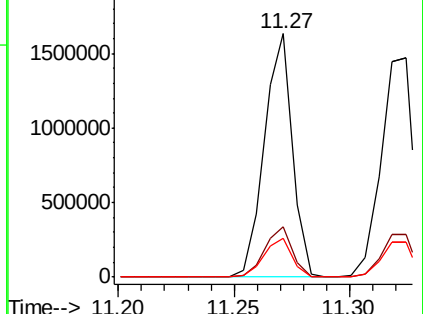
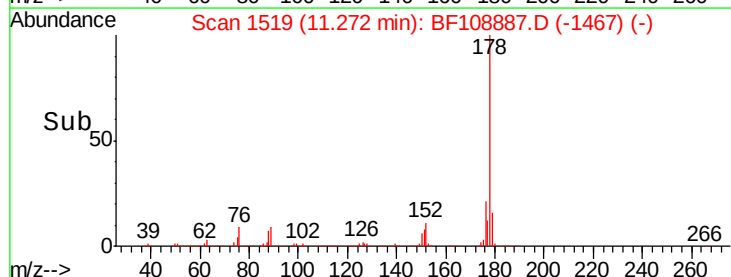
179 16.0 13.0 19.6

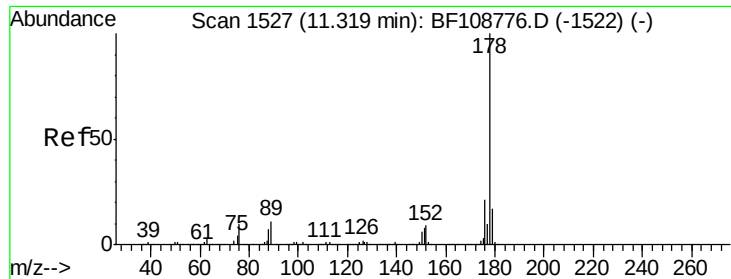


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

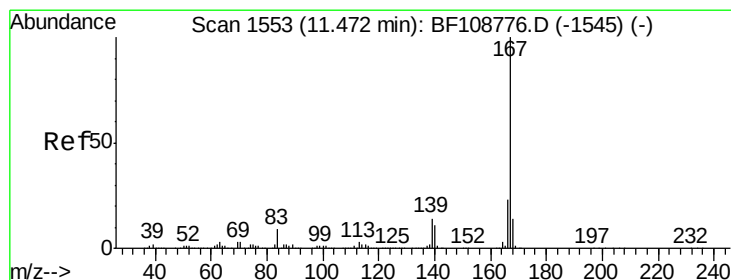
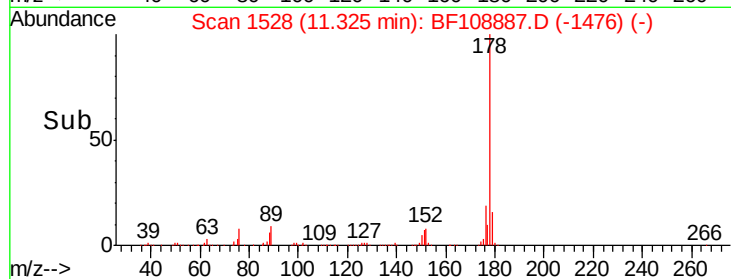
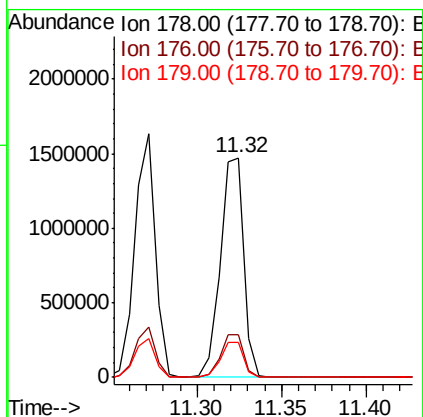
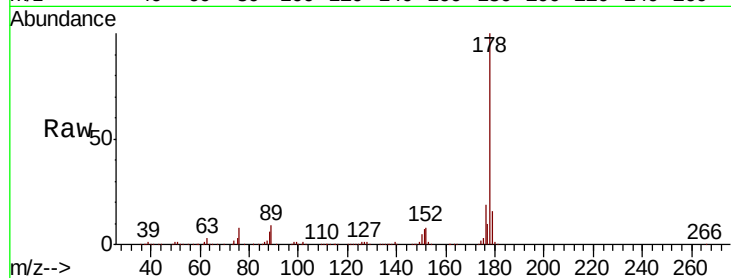




#71
 Anthracene
 Concen: 41.759 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

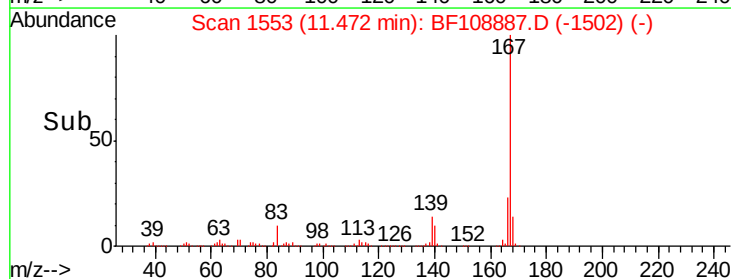
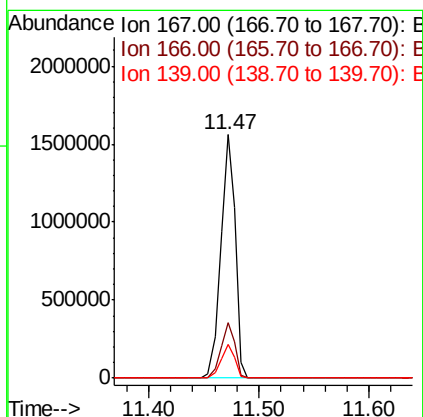
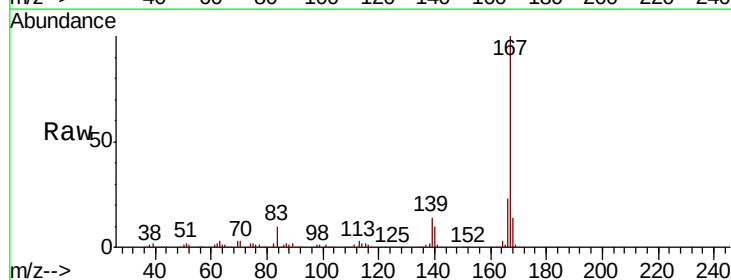
Instrument :
 BNA_E
 ClientSampleId :

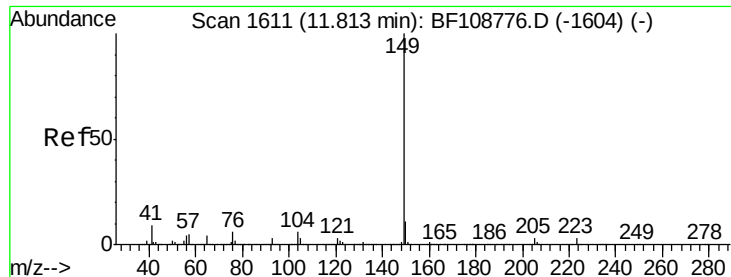
Tot Ion:178 Resp: 1413040
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 39.796 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:167 Resp: 1418178
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.405 ng

RT: 11.81 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

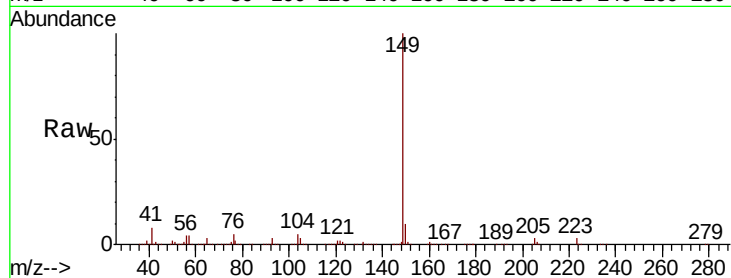
Tot Ion:149 Resp: 1598992

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

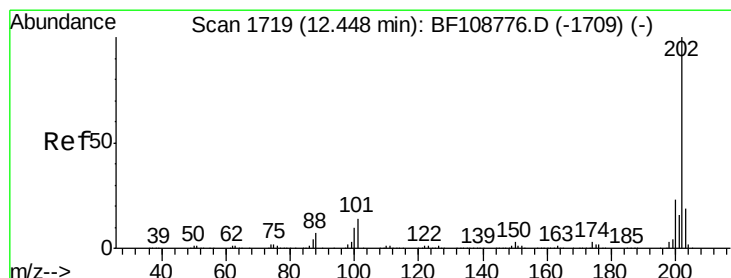
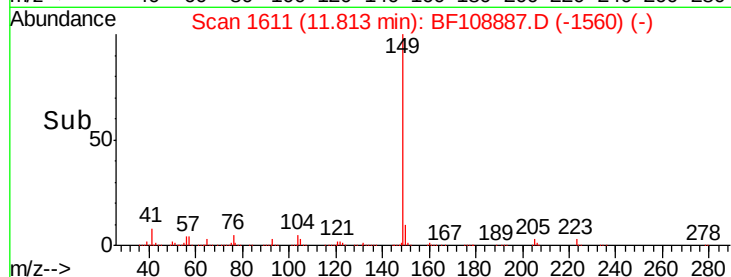
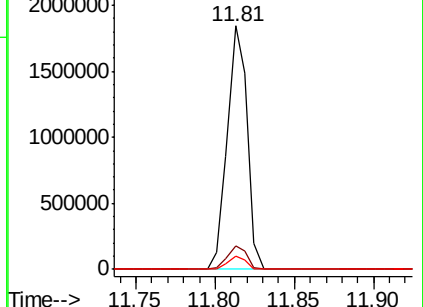
104 5.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.509 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

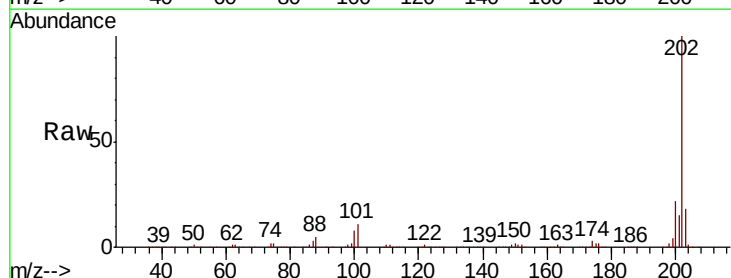
Tgt Ion:202 Resp: 1452506

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

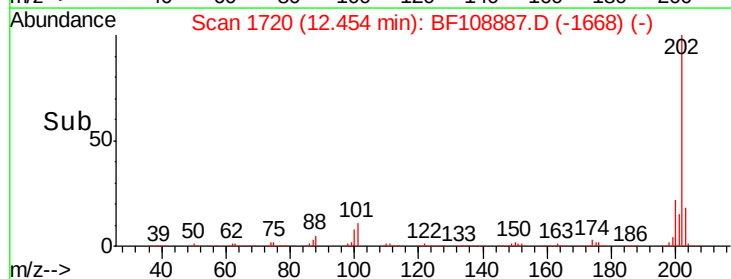
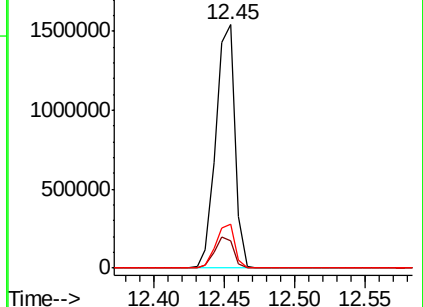
203 18.0 0.0 38.1

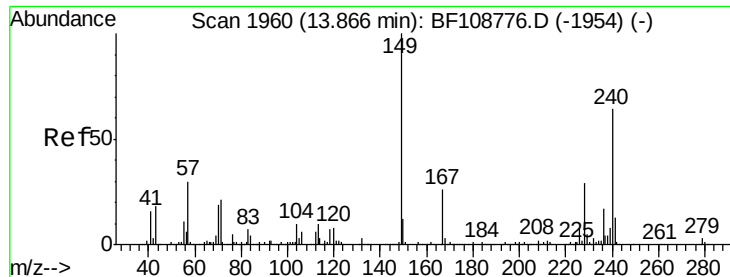


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampleId :

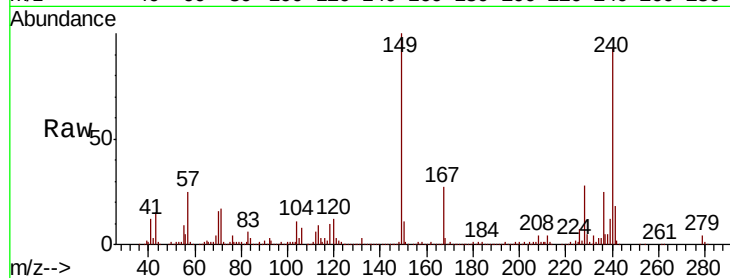
Tot Ion:240 Resp: 503208

Ion Ratio Lower Upper

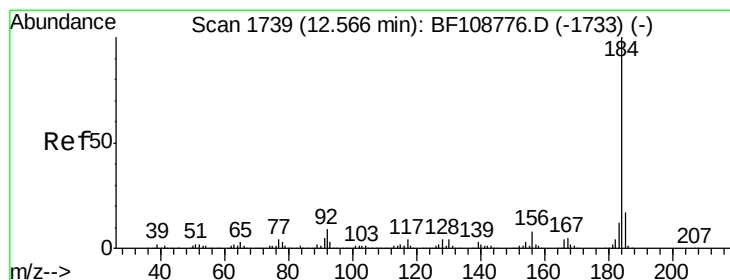
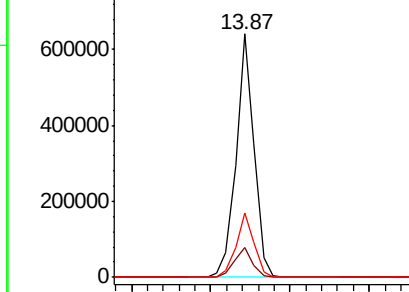
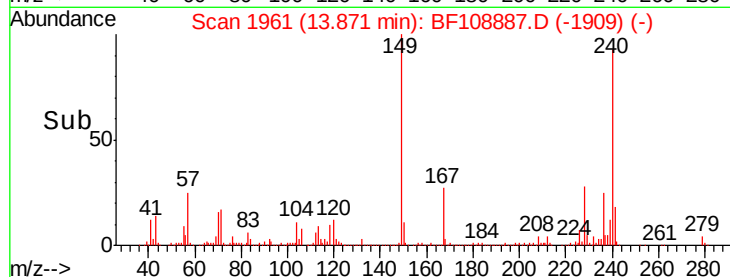
240 100

120 12.5 9.5 14.3

236 26.6 20.7 31.1



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



#76

Benzidine

Concen: 35.196 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

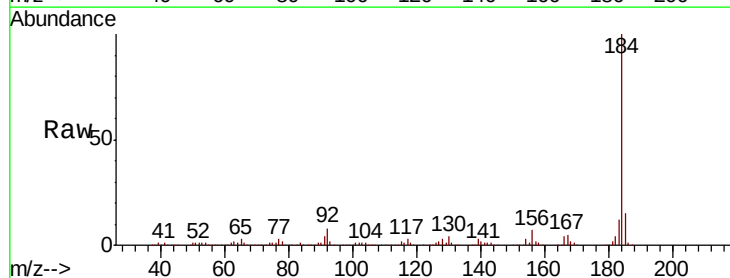
Tgt Ion:184 Resp: 839417

Ion Ratio Lower Upper

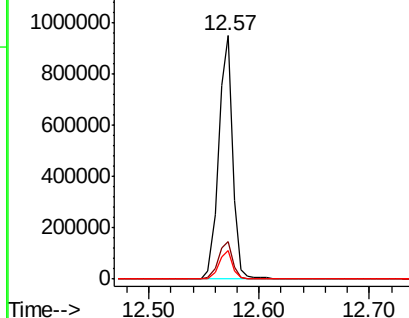
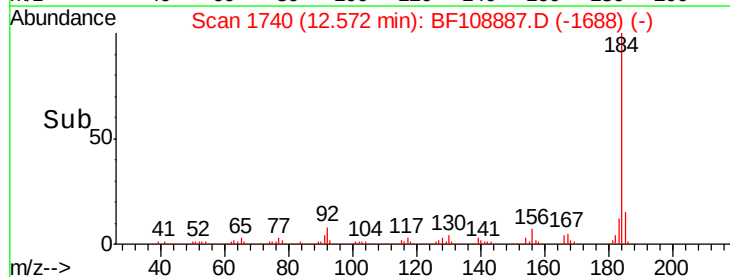
184 100

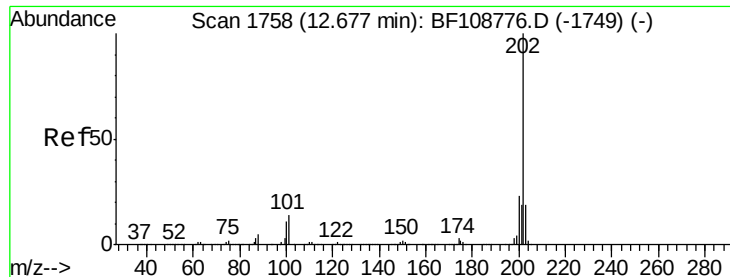
185 15.4 12.6 18.8

183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

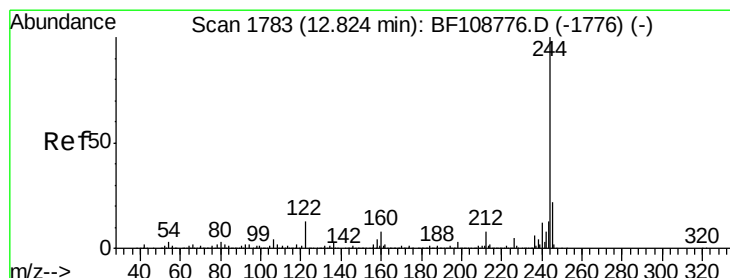
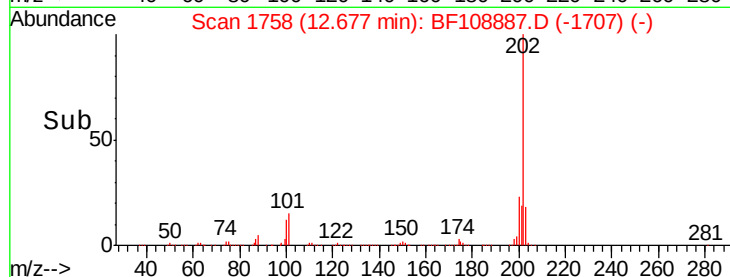
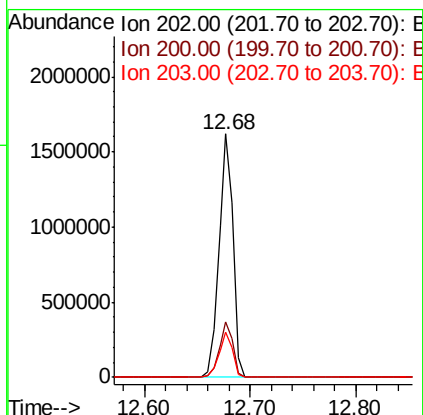
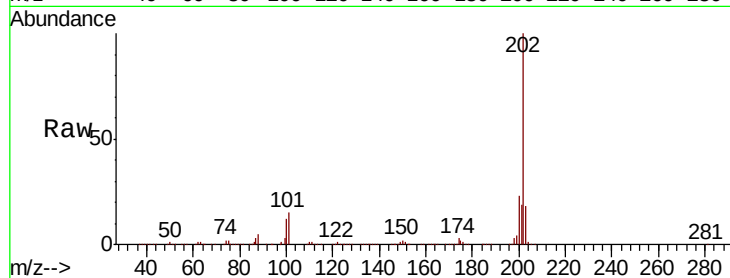




#77
Pvrene
Concen: 39.174 ng
RT: 12.68 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

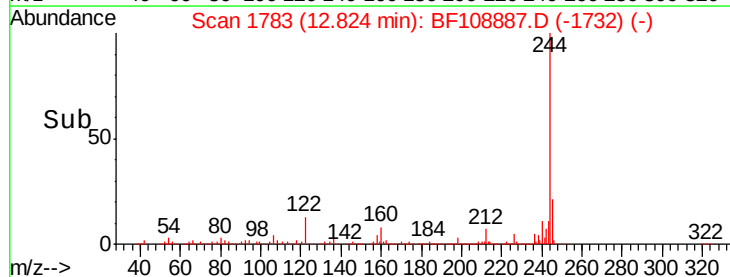
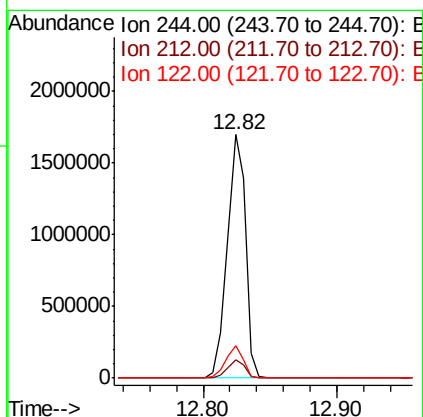
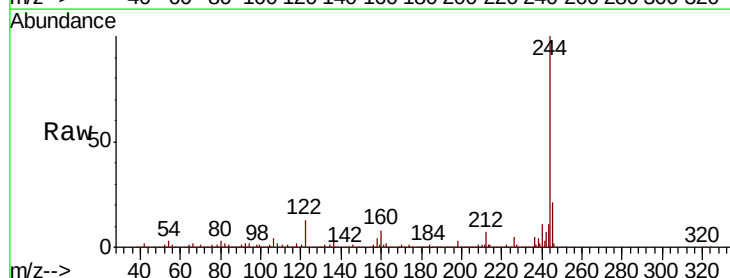
Instrument :
BNA_E
ClientSampleId :

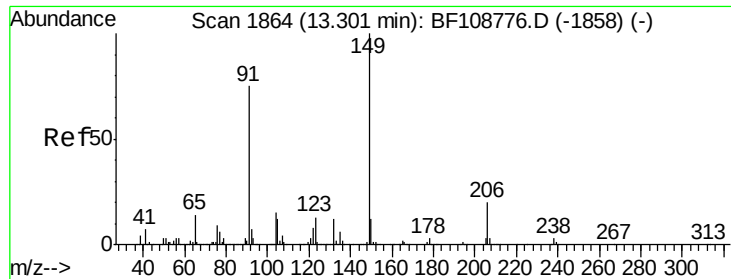
Tot Ion:202 Resp: 1516868
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.5 14.3 21.5



#78
Terphenyl-d14
Concen: 76.201 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:244 Resp: 1644373
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 13.4 11.0 16.4

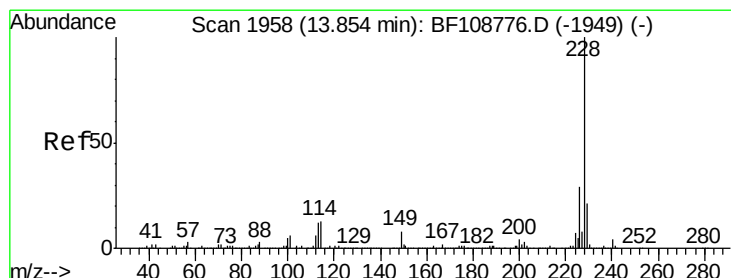
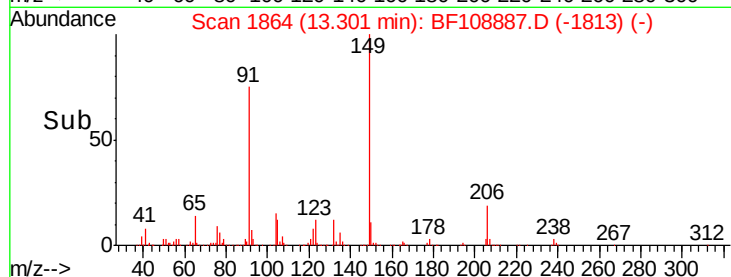
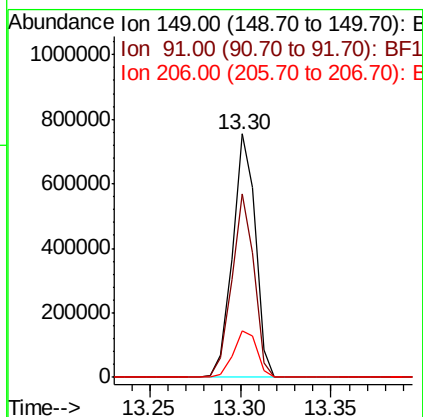
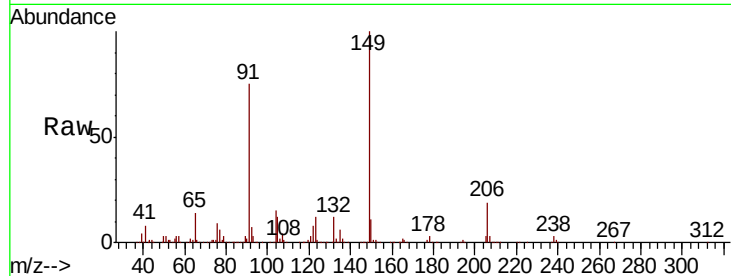




#79
Butylbenzylphthalate
Concen: 37.843 ng
RT: 13.30 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

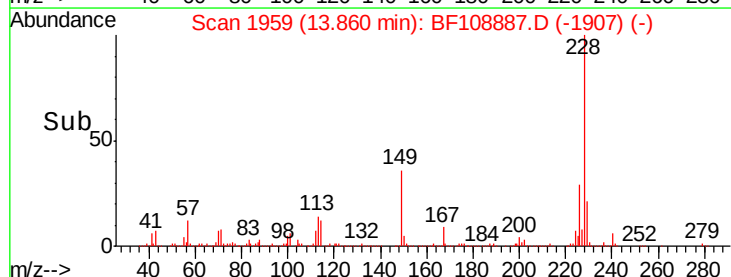
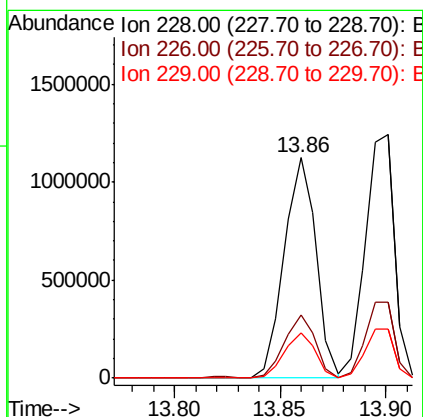
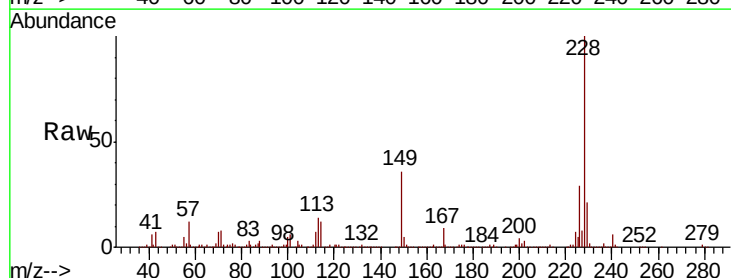
Instrument :
BNA_E
ClientSampleId :

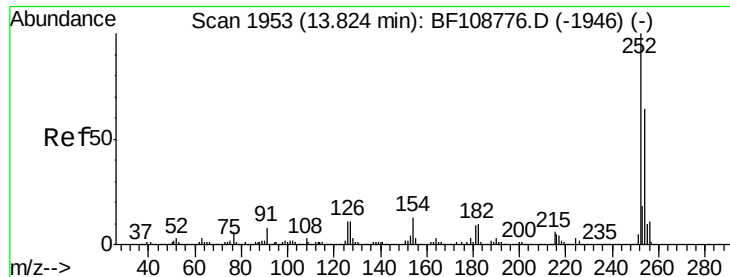
Tot Ion:149 Resp: 659874
Ion Ratio Lower Upper
149 100
91 75.5 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.626 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:228 Resp: 1181330
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.6 15.8 23.6

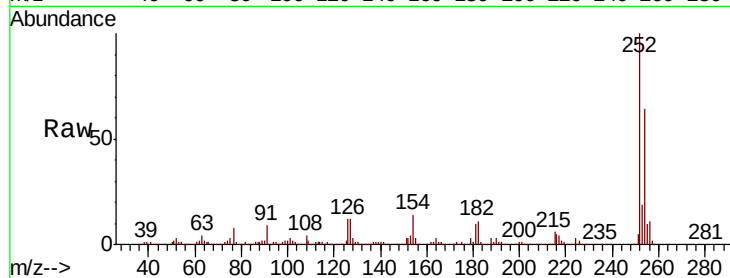




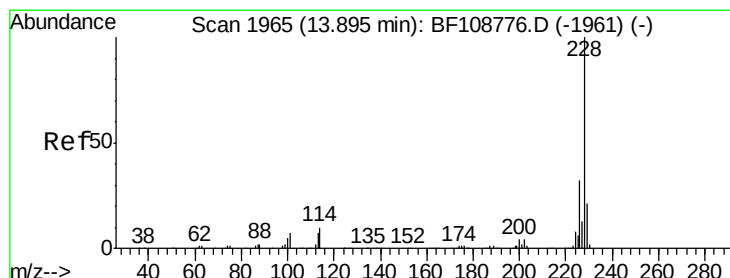
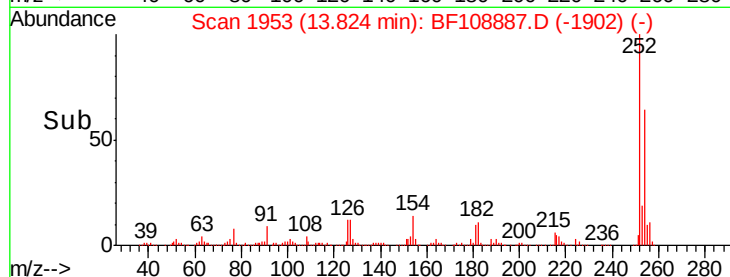
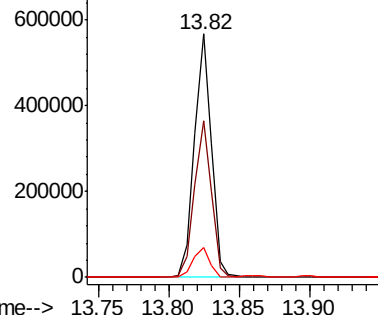
#81
 3,3'-Dichlorobenzidine
 Concen: 37.873 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	12.4	11.3	16.9

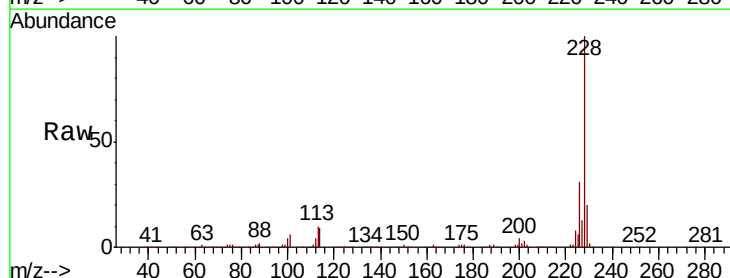


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

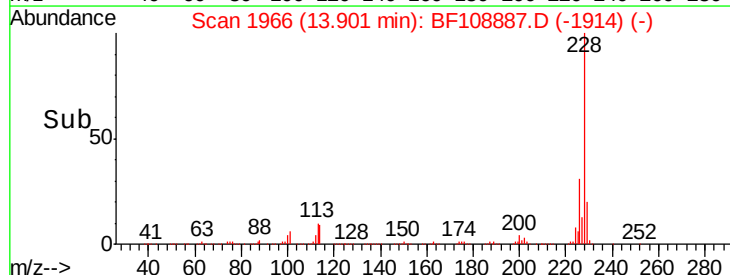
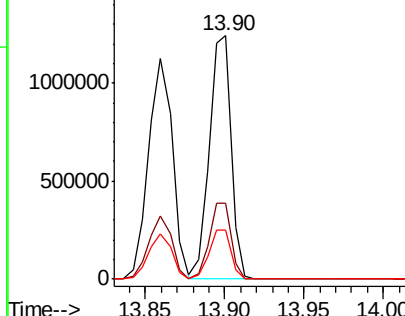


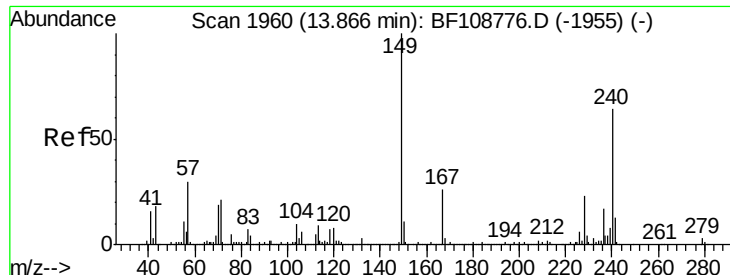
#82
 Chrysene
 Concen: 38.220 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.3	16.2	24.4



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

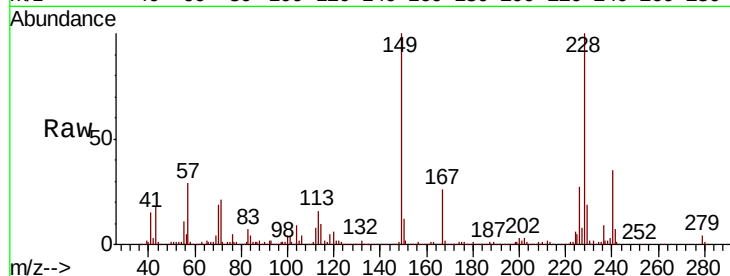




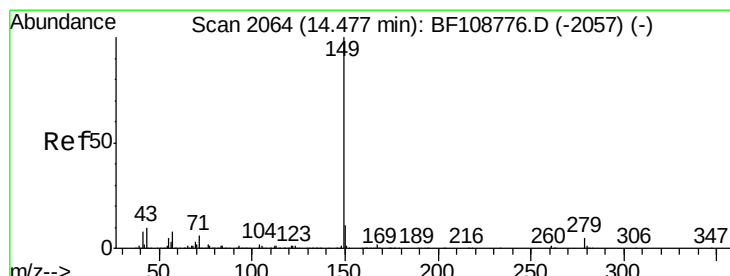
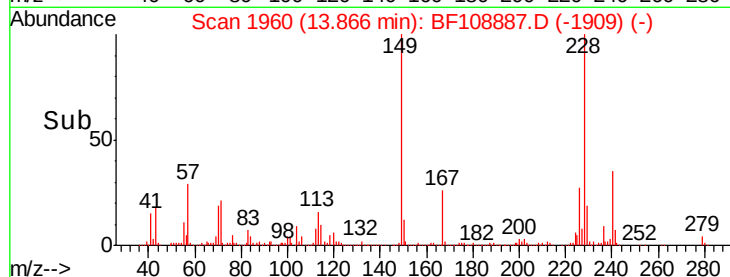
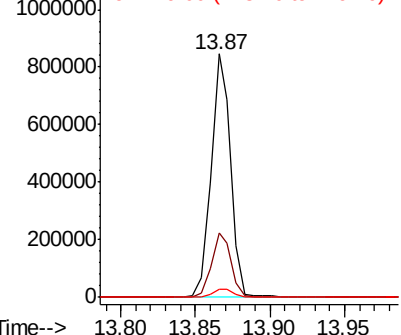
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.607 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleID :

Tot Ion:149 Resp: 780274
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.6 3.0 4.4

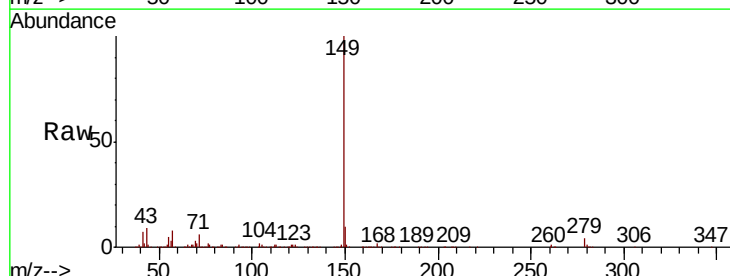


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

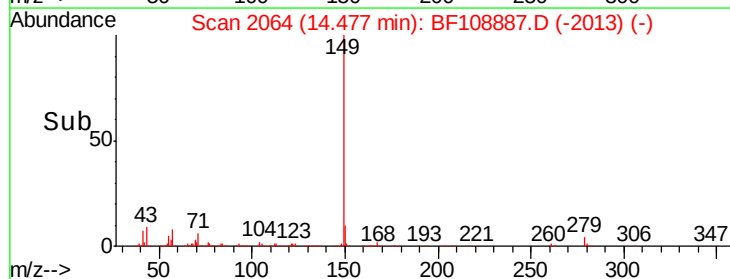
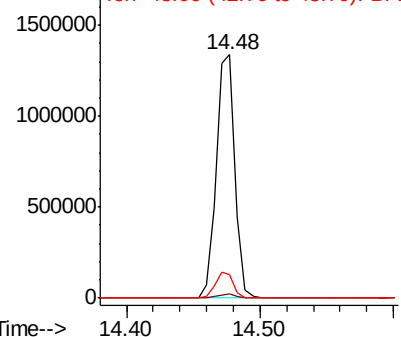


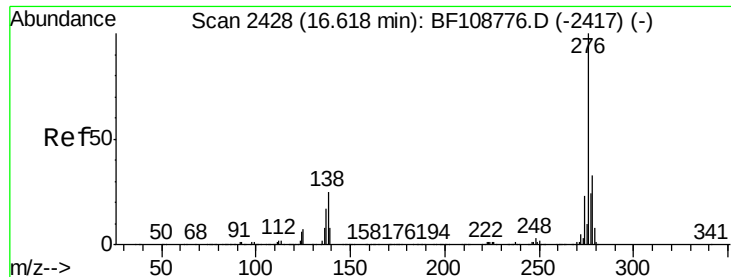
#84
 Di-n-octyl phthalate
 Concen: 35.872 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Tgt Ion:149 Resp: 1310531
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 8.4 12.6



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

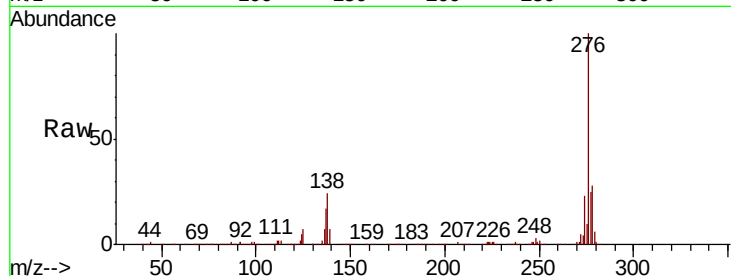




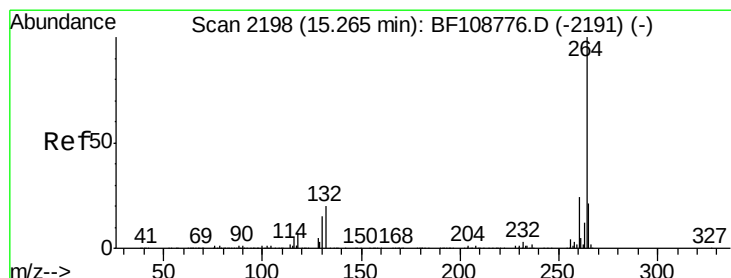
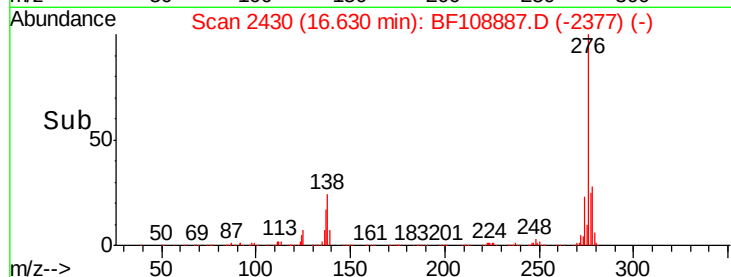
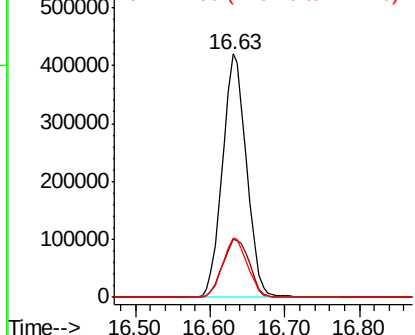
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.105 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 942431
Ion Ratio Lower Upper
276 100
138 26.6 25.0 37.6
277 25.1 20.1 30.1

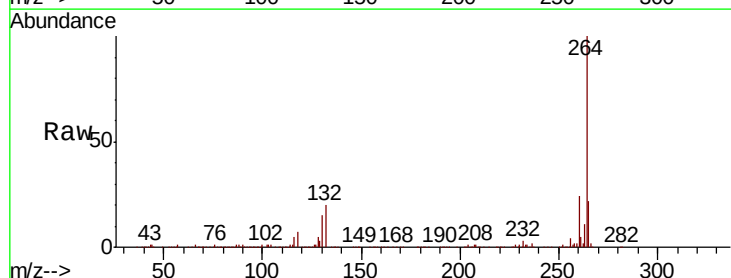


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

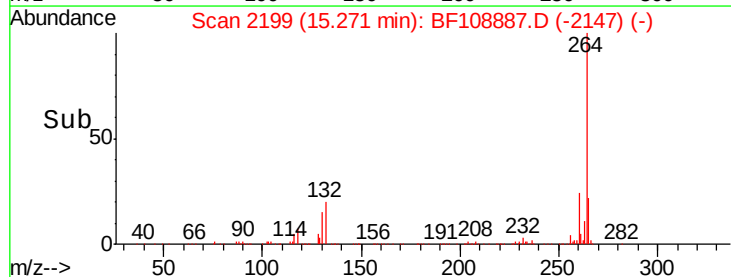
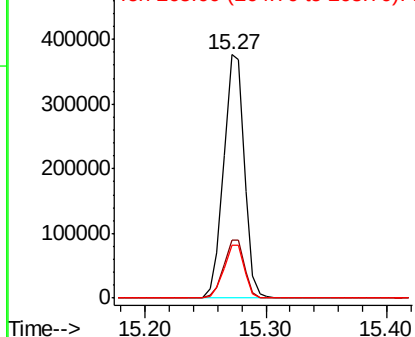


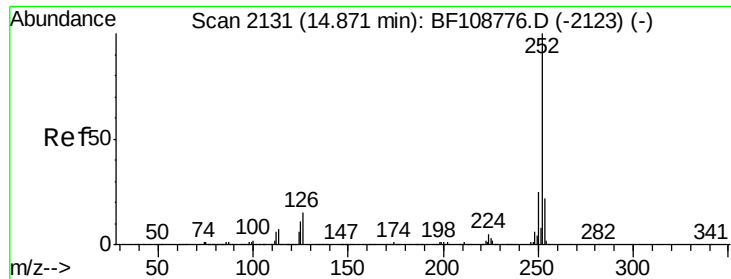
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:264 Resp: 447747
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.8 17.5 26.3



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

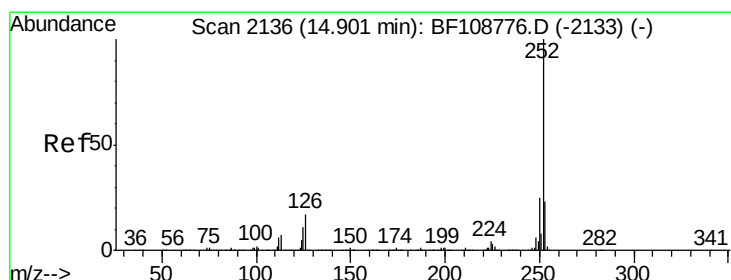
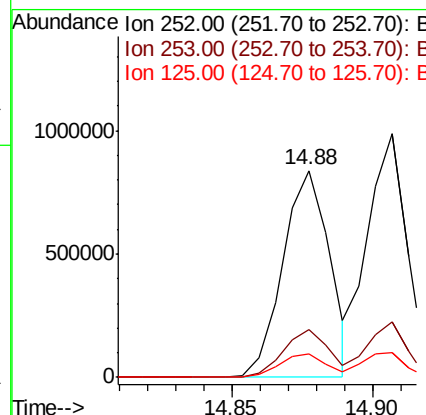
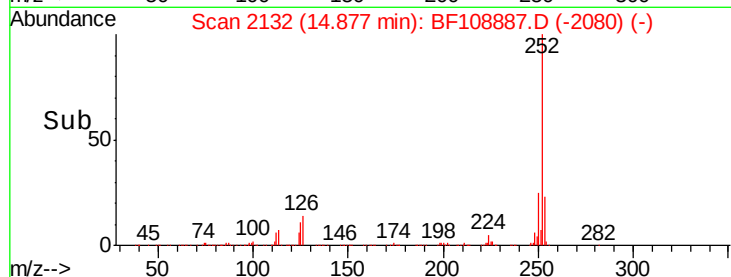
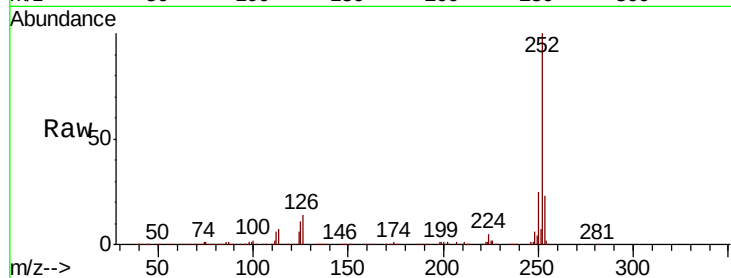




#87
Benzo(b)fluoranthene
Concen: 39.667 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

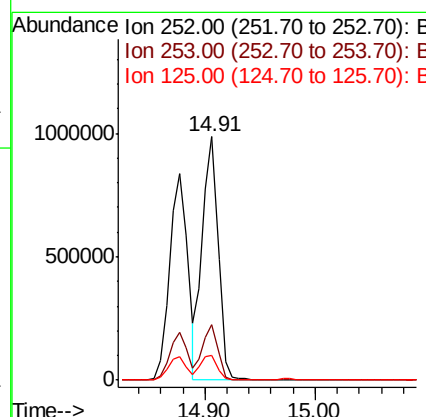
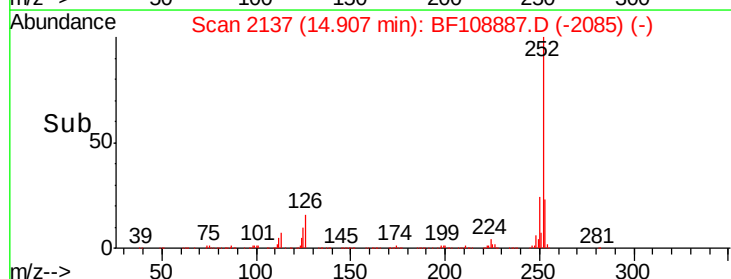
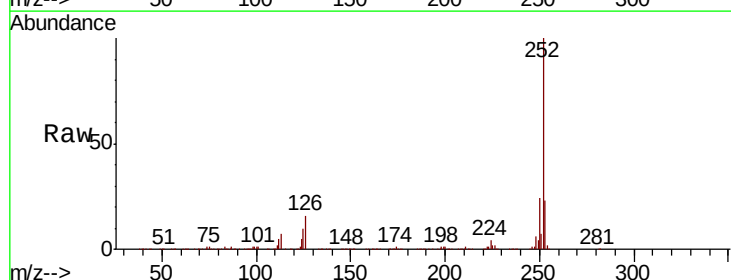
Instrument :
BNA_E
ClientSampled :

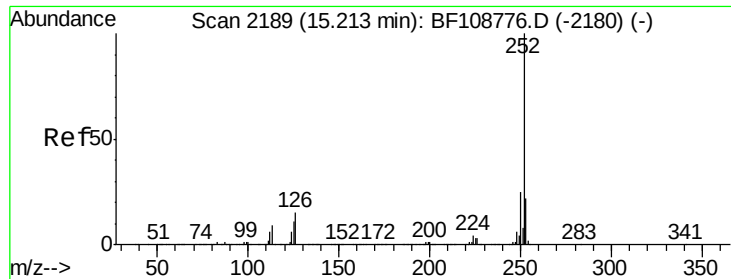
Tot Ion:252 Resp: 965745
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 11.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.045 ng
RT: 14.91 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF108887.D
Acq: 10 Sep 2018 12:37

Tgt Ion:252 Resp: 965098
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.445 ng

RT: 15.22 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

Instrument :

BNA_E

ClientSampled :

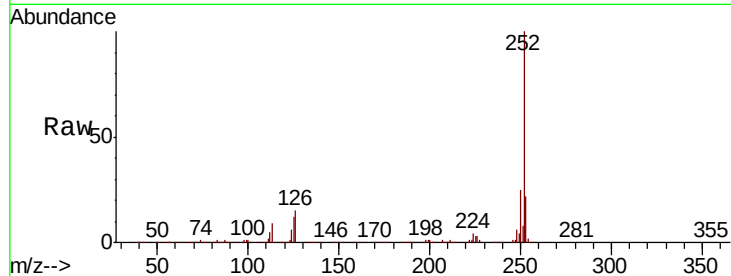
Tot Ion:252 Resp: 866537

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

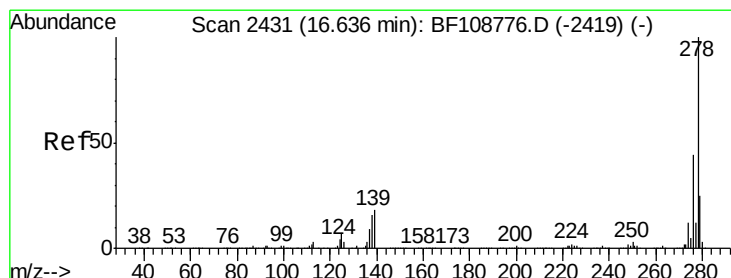
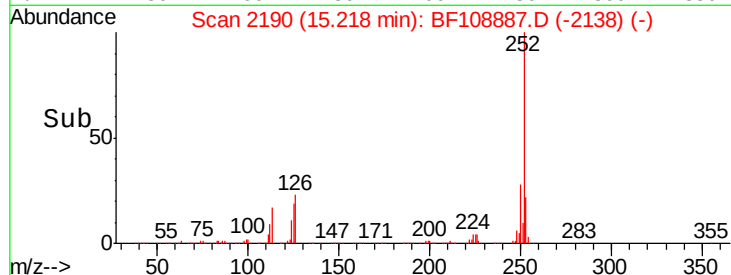
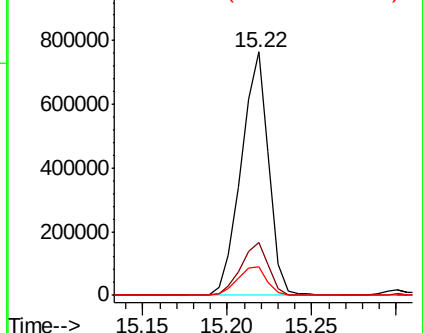
125 11.8 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 40.373 ng

RT: 16.65 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BF108887.D

Acq: 10 Sep 2018 12:37

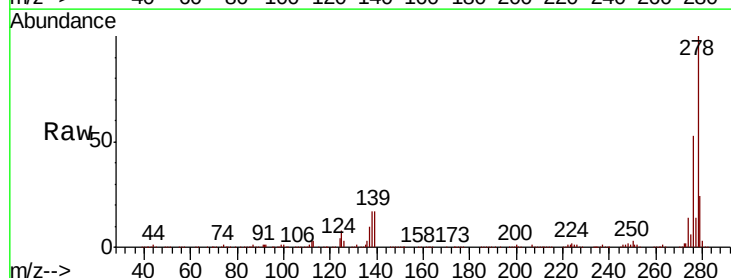
Tgt Ion:278 Resp: 781518

Ion Ratio Lower Upper

278 100

139 17.4 15.9 23.9

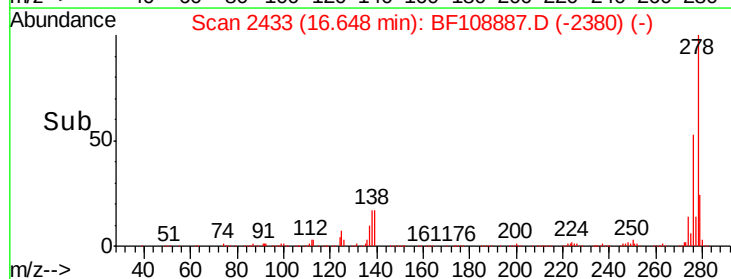
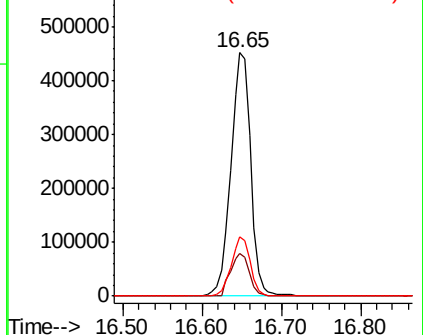
279 24.3 19.0 28.4

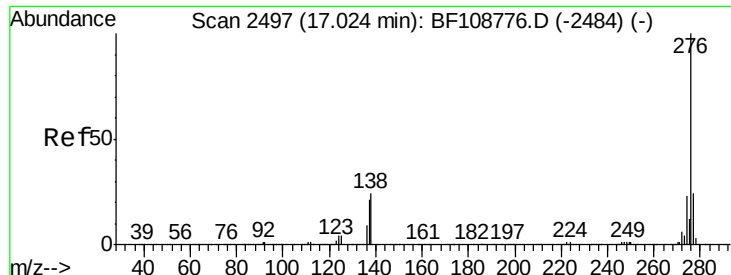


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

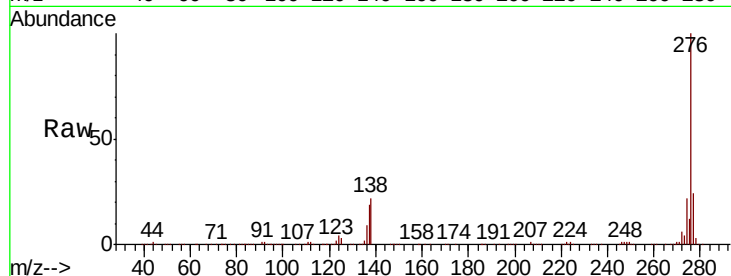




#91
 Benzo(a,h,i)perylene
 Concen: 41.183 ng
 RT: 17.04 min Scan# 2500
 Delta R.T. 0.02 min
 Lab File: BF108887.D
 Acq: 10 Sep 2018 12:37

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	22.1	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

