

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110975.D
 Acq On : 26 Nov 2018 20:33
 Operator : JU/SJ
 Sample : J6028-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Quant Time: Nov 27 02:58:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68660	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	247898	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	96375	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	161951	20.00	ng	0.00
76) Chrysene-d12	14.14	240	105471	20.00	ng	0.00
87) Perylene-d12	15.67	264	81438	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	576016	139.12	ng	0.02
7) Phenol-d6	6.58	99	701749	130.06	ng	0.01
23) Nitrobenzene-d5	7.51	82	433698	100.13	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	123412	128.94	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	684804	102.94	ng	0.00
79) Terphenyl-d14	13.06	244	524873	96.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	64362	32.447	ng	89
3) Pyridine	3.61	79	185771	42.769	ng	# 84
4) n-Nitrosodimethylamine	3.57	42	103094	51.870	ng	86
6) Aniline	6.61	93	100851	15.120	ng	# 61
8) 2-Chlorophenol	6.73	128	208684	42.529	ng	97
9) Benzaldehyde	6.50	77	80149	25.014	ng	96
10) Phenol	6.59	94	284790	46.868	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	193821	42.339	ng	92
12) 1,3-Dichlorobenzene	6.88	146	222643	41.303	ng	99
13) 1,4-Dichlorobenzene	6.96	146	228099	41.148	ng	97
14) 1,2-Dichlorobenzene	7.11	146	206259	39.534	ng	98
15) Benzyl Alcohol	7.09	79	173308	41.796	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	296297	40.670	ng	94
17) 2-Methylphenol	7.19	107	163550	41.921	ng	# 89
18) Hexachloroethane	7.44	117	68083	33.389	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	143542	40.841	ng	96
20) 3+4-Methylphenols	7.35	107	209385	40.374	ng	# 49
22) Acetophenone	7.35	105	284625	48.983	ng	# 91
24) Nitrobenzene	7.53	77	209921	46.603	ng	95
25) Isophorone	7.76	82	372265	52.393	ng	98
26) 2-Nitrophenol	7.85	139	98620	45.064	ng	94
27) 2,4-Dimethylphenol	7.87	122	170276	51.522	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	235001	49.369	ng	99
29) 2,4-Dichlorophenol	8.09	162	158311	45.777	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	173553	44.780	ng	96
31) Naphthalene	8.25	128	563515	48.494	ng	100
32) Benzoic acid	7.87	122	170276	69.299	ng	# 11
33) 4-Chloroaniline	8.30	127	50479	10.206	ng	97
34) Hexachlorobutadiene	8.35	225	97477	44.158	ng	99
35) Caprolactam	8.67	113	44910	38.038	ng	# 82
36) 4-Chloro-3-methylphenol	8.79	107	159781	41.582	ng	98
37) 2-Methylnaphthalene	8.93	142	359691	46.863	ng	99
38) 1-Methylnaphthalene	9.03	142	330912	44.324	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	148140	48.863	ng	98

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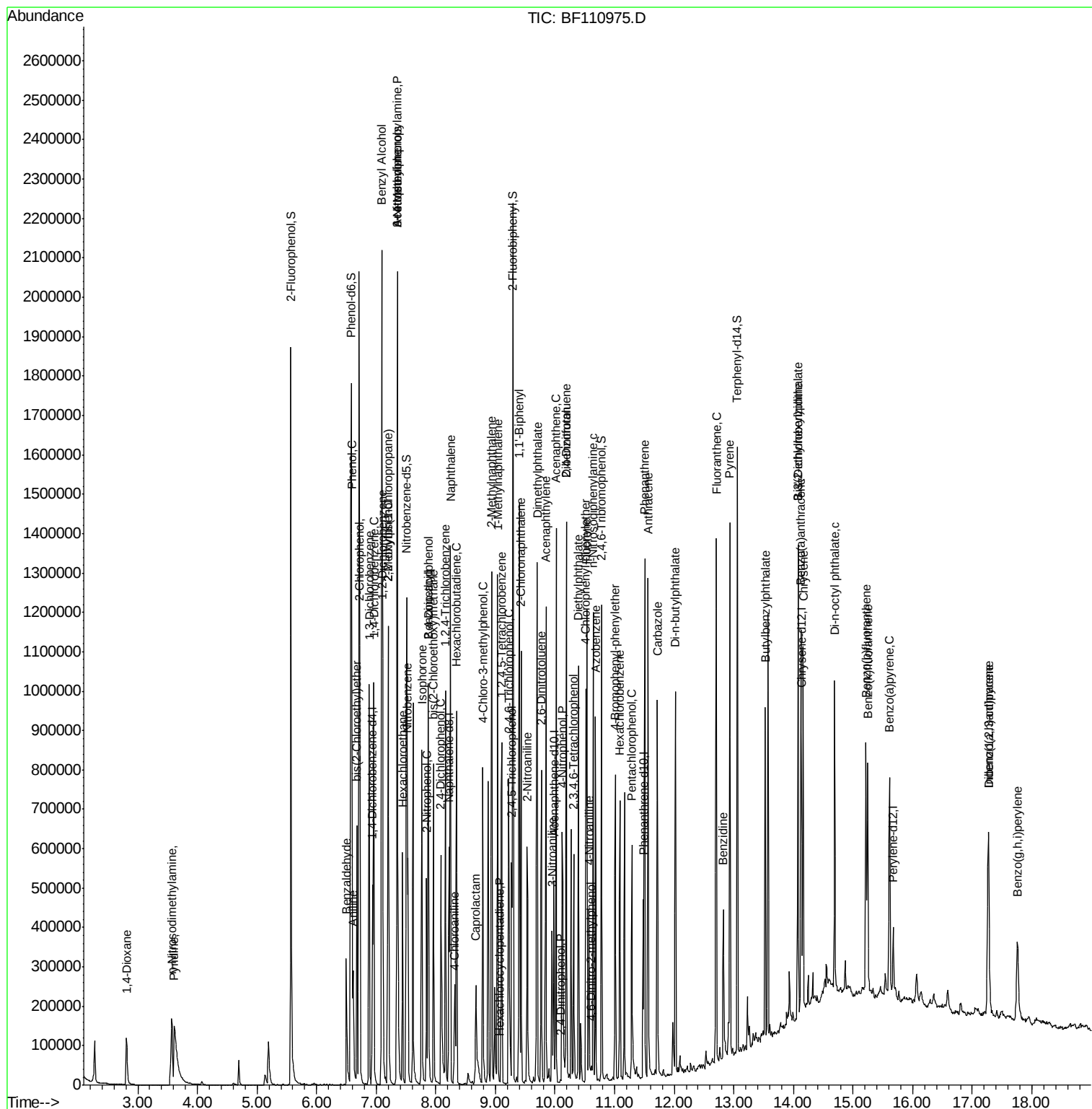
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	509	12.118	ng	74
43) 2,4,6-Trichlorophenol	9.22	196	94778	52.344	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	94662	49.651	ng	91
46) 1,1'-Biphenyl	9.40	154	414910	46.697	ng	99
47) 2-Chloronaphthalene	9.43	162	303737	47.147	ng	97
48) 2-Nitroaniline	9.53	65	102894	51.063	ng	97
49) Acenaphthylene	9.85	152	451074	49.240	ng	98
50) Dimethylphthalate	9.70	163	441528	62.467	ng	99
51) 2,6-Dinitrotoluene	9.77	165	69762	44.335	ng	94
52) Acenaphthene	10.02	154	271599	46.248	ng	98
53) 3-Nitroaniline	9.95	138	62046	33.832	ng	93
54) 2,4-Dinitrophenol	10.09	184	1453	6.210	ng	95
55) Dibenzofuran	10.19	168	382875	44.689	ng	97
56) 4-Nitrophenol	10.12	139	88384	86.338	ng	98
57) 2,4-Dinitrotoluene	10.19	165	83312	40.809	ng	# 82
58) Fluorene	10.53	166	308575	46.292	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	71552	45.729	ng	# 92
60) Diethylphthalate	10.39	149	341162	46.806	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	146619	42.053	ng	96
62) 4-Nitroaniline	10.57	138	70184	41.102	ng	97
63) Azobenzene	10.68	77	293948	41.375	ng	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	3372	4.402	ng	74
66) n-Nitrosodiphenylamine	10.64	169	262737	48.734	ng	98
67) 4-Bromophenyl-phenylether	11.01	248	81680	46.310	ng	# 91
68) Hexachlorobenzene	11.09	284	82994	44.177	ng	# 94
69) Atrazine	11.16	200	80134	Below Cal		98
70) Pentachlorophenol	11.29	266	71080	95.099	ng	96
71) Phenanthrene	11.50	178	471371	54.955	ng	99
72) Anthracene	11.56	178	447390	51.217	ng	99
73) Carbazole	11.72	167	380573	44.887	ng	100
74) Di-n-butylphthalate	12.02	149	481069	48.529	ng	100
75) Fluoranthene	12.70	202	546279	61.966	ng	98
77) Benzidine	12.82	184	165946	61.513	ng	96
78) Pyrene	12.93	202	531638	69.014	ng	98
80) Butylbenzylphthalate	13.53	149	191518	55.067	ng	96
81) Benzo(a)anthracene	14.13	228	348391	55.950	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	78479	36.756	ng	99
83) Chrysene	14.16	228	319235	52.079	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	252590	54.505	ng	96
85) Di-n-octyl phthalate	14.69	149	375451	51.324	ng	# 98
86) Indeno(1,2,3-cd)pyrene	17.27	276	250668	56.970	ng	100
88) Benzo(b)fluoranthene	15.22	252	261735	54.709	ng	97
89) Benzo(k)fluoranthene	15.24	252	248443	50.453	ng	99
90) Benzo(a)pyrene	15.61	252	246505	55.354	ng	98
91) Dibenzo(a,h)anthracene	17.27	278	192117	52.287	ng	98
92) Benzo(g,h,i)perylene	17.76	276	202709	57.218	ng	99

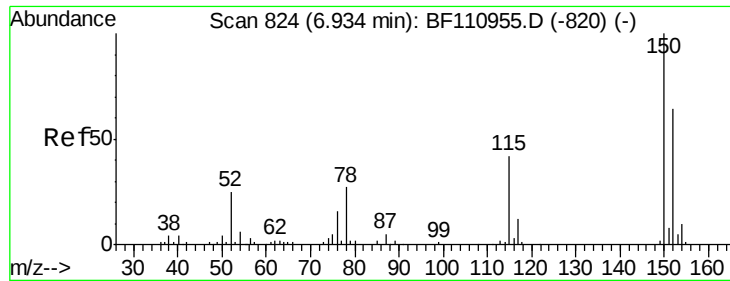
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

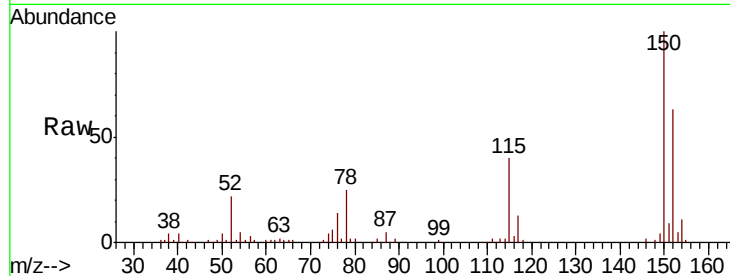
Tgt Ion:152 Resp: 68660

Ion Ratio Lower Upper

152 100

150 158.2 122.7 184.1

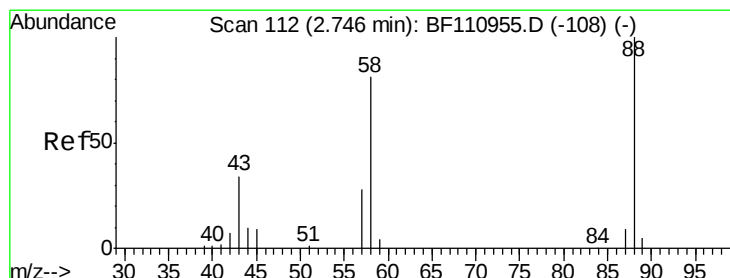
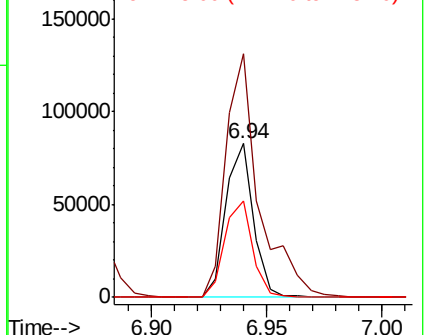
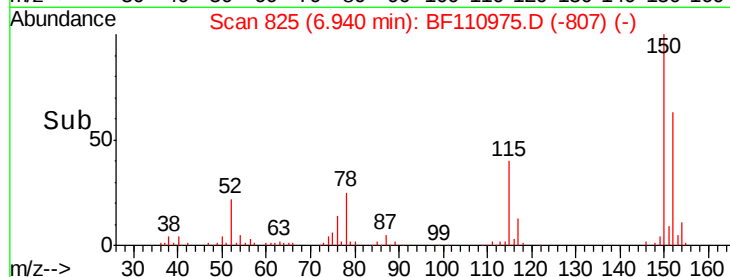
115 63.0 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.447 ng

RT: 2.81 min Scan# 123

Delta R.T. 0.06 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

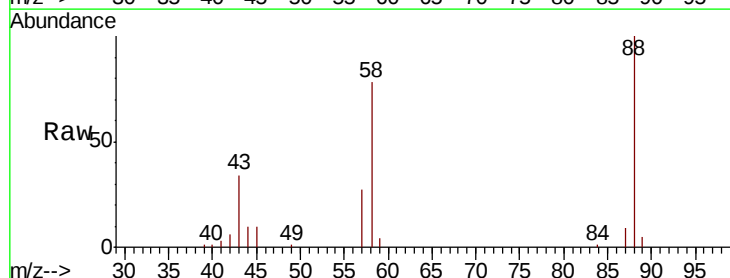
Tgt Ion: 88 Resp: 64362

Ion Ratio Lower Upper

88 100

58 81.8 57.1 85.7

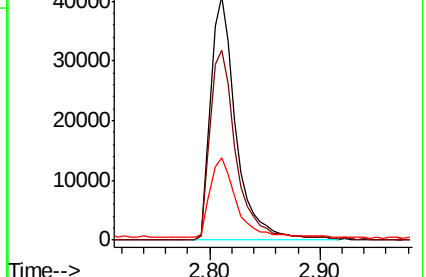
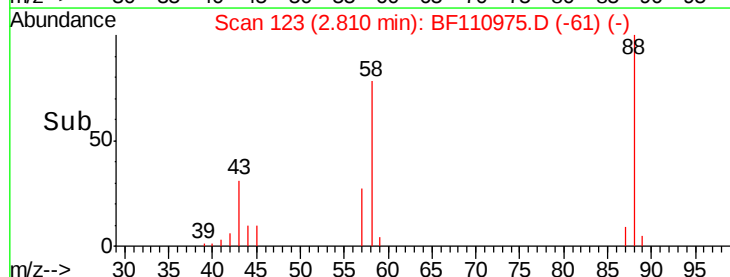
43 33.7 24.1 36.1

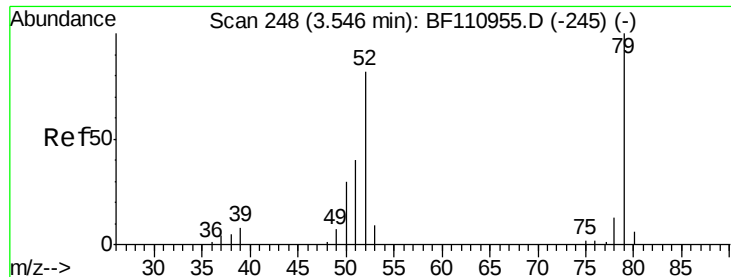


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

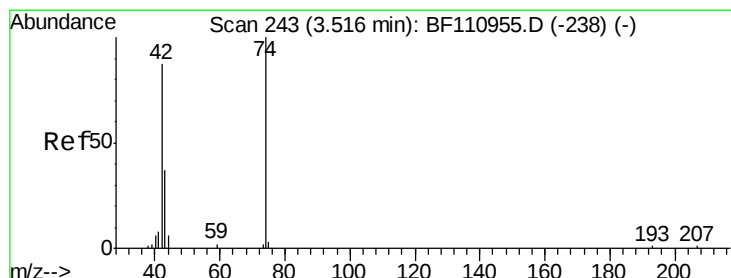
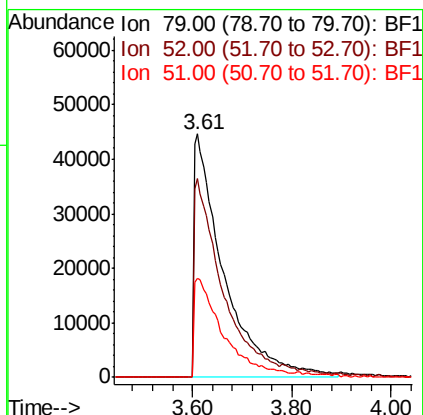
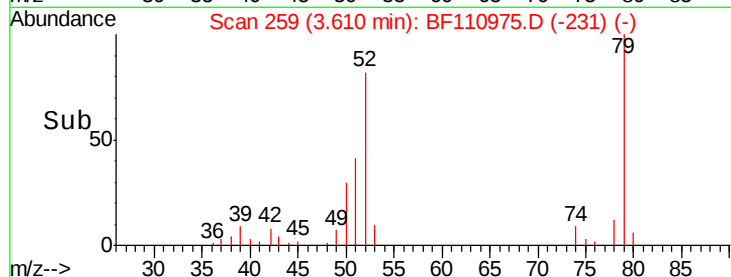
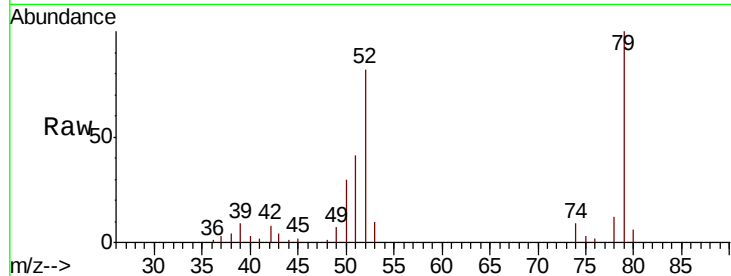




#3
 Pyridine
 Concen: 42.769 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.06 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

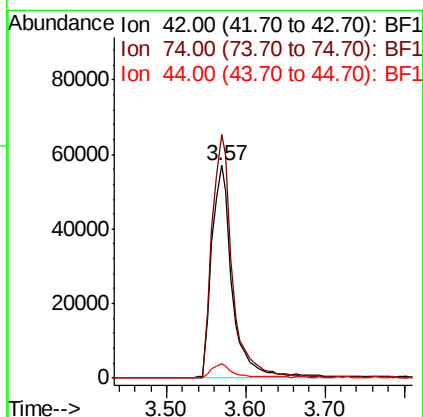
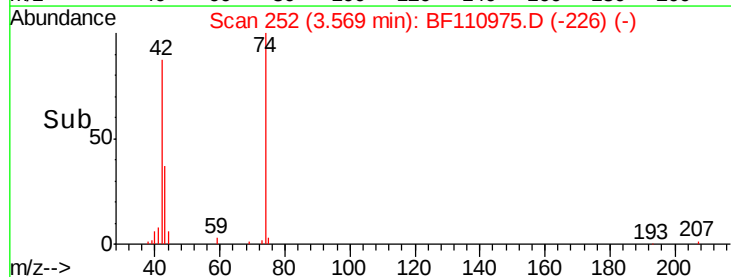
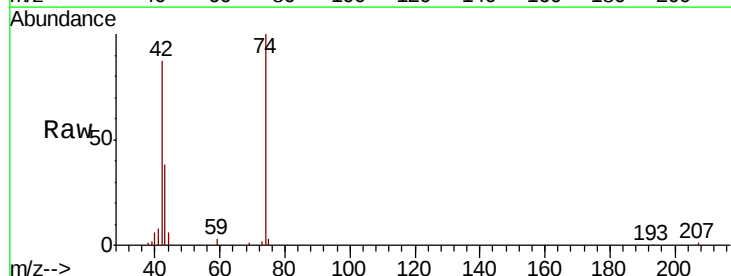
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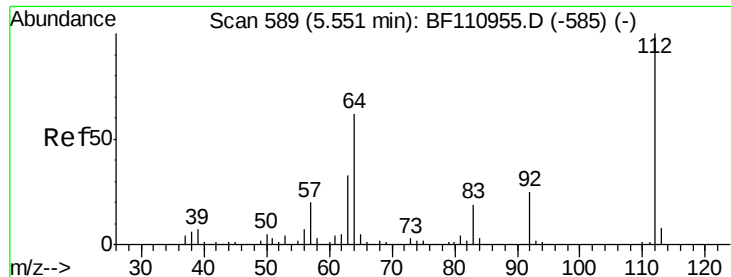
Tgt Ion: 79 Resp: 185771
 Ion Ratio Lower Upper
 79 100
 52 81.7 53.1 79.7#
 51 40.5 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 51.870 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.05 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion: 42 Resp: 103094
 Ion Ratio Lower Upper
 42 100
 74 114.4 105.5 158.3
 44 6.7 4.9 7.3

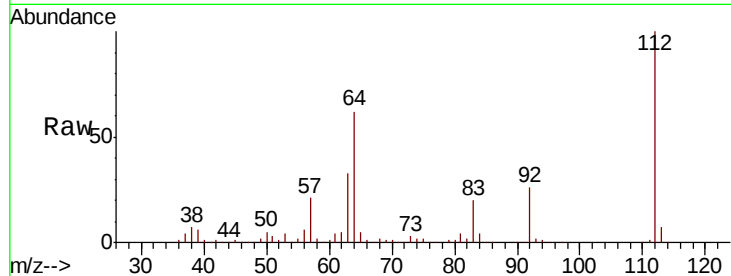




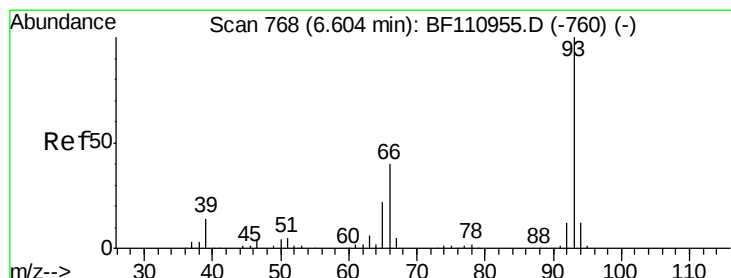
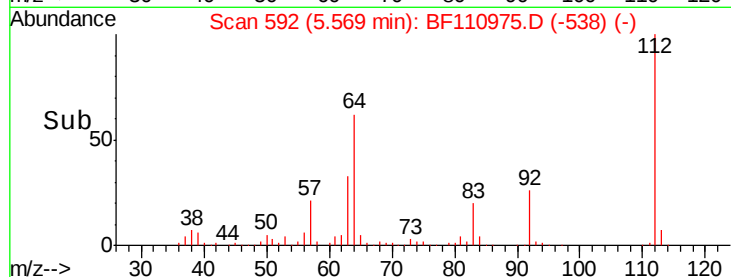
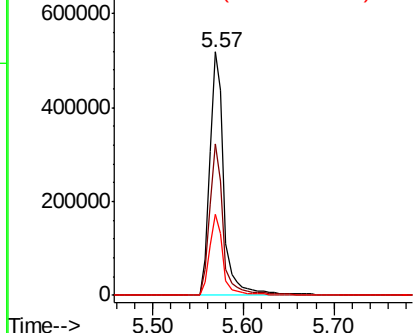
#5
 2-Fluorophenol
 Concen: 139.123 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.02 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tgt Ion: 112 Resp: 576016
 Ion Ratio Lower Upper
 112 100
 64 62.0 44.1 66.1
 63 33.1 23.7 35.5

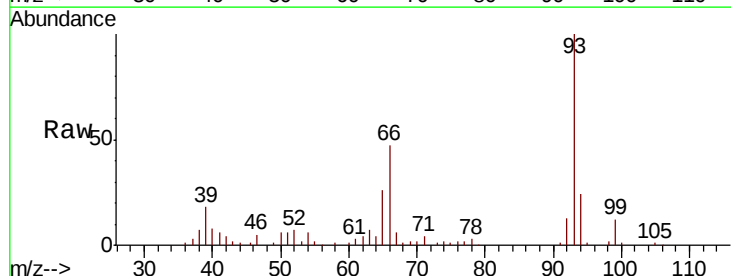


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

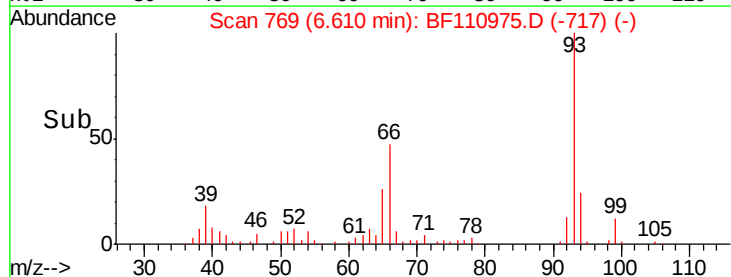
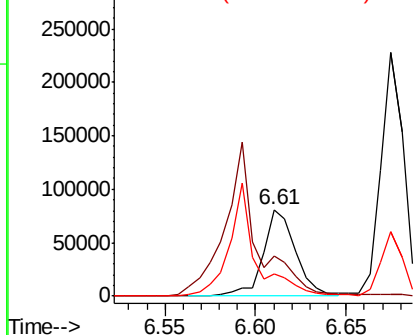


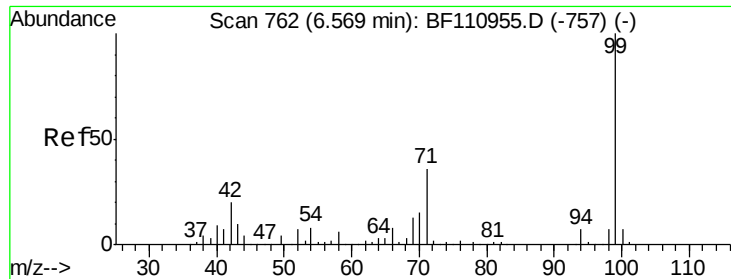
#6
 Aniline
 Concen: 15.120 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion: 93 Resp: 100851
 Ion Ratio Lower Upper
 93 100
 66 46.9 67.4 101.0#
 65 26.1 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.060 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

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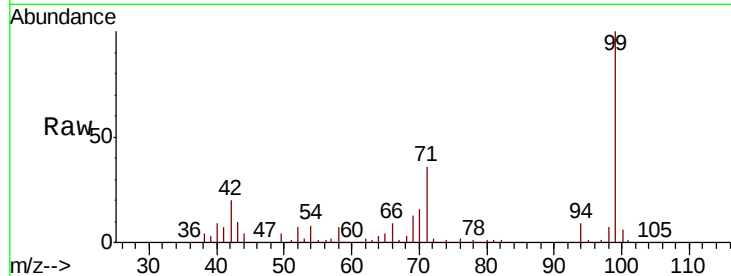
Tgt Ion: 99 Resp: 701749

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

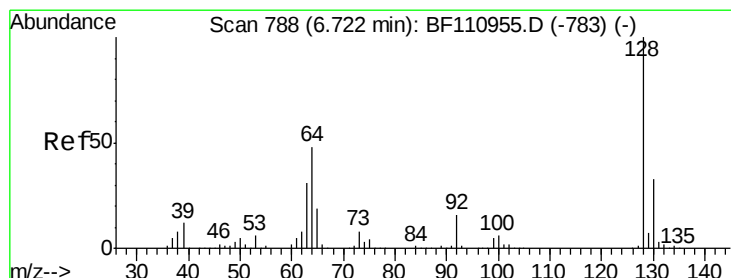
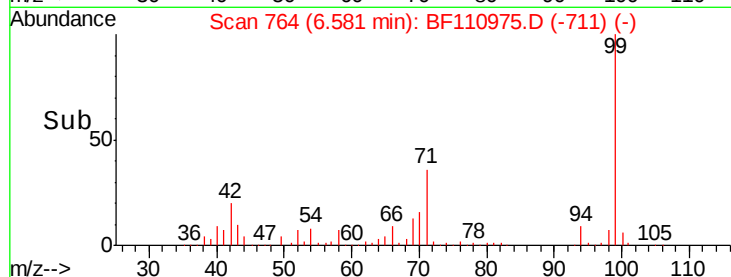
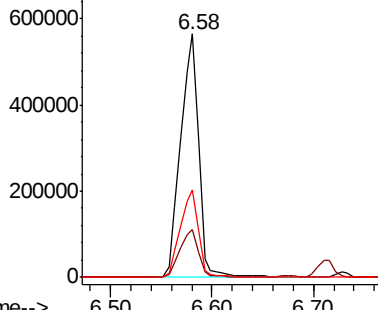
71 36.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.529 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF110975.D

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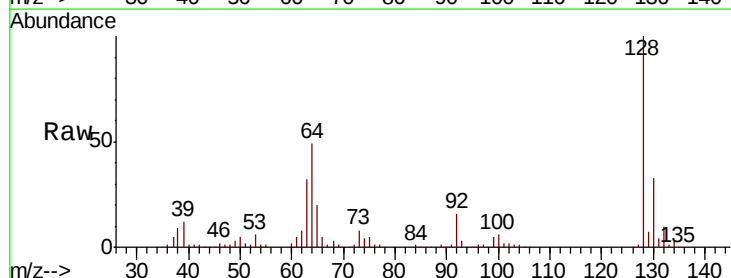
Tgt Ion: 128 Resp: 208684

Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

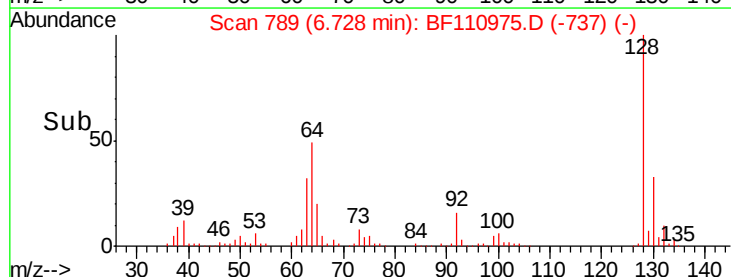
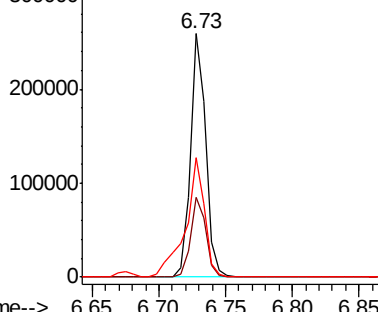
64 49.3 26.0 66.0

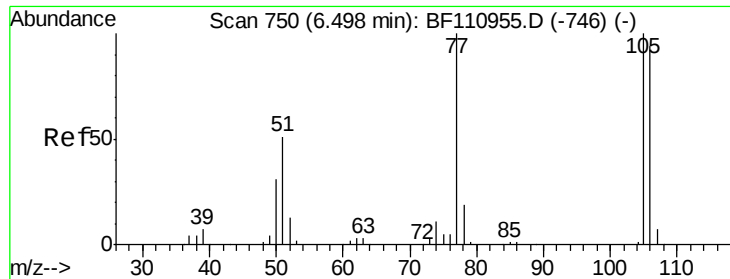


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.014 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

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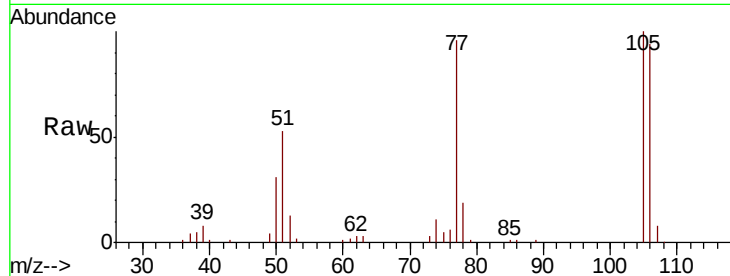
Tgt Ion: 77 Resp: 80149

Ion Ratio Lower Upper

77 100

105 103.8 78.6 118.6

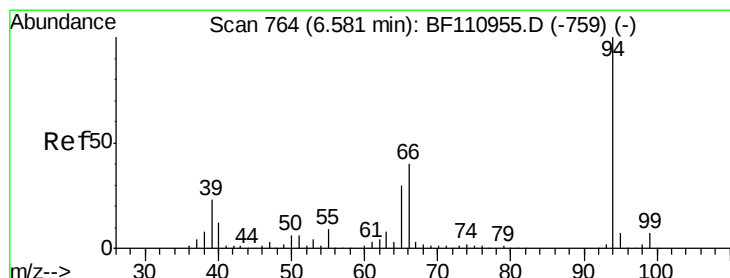
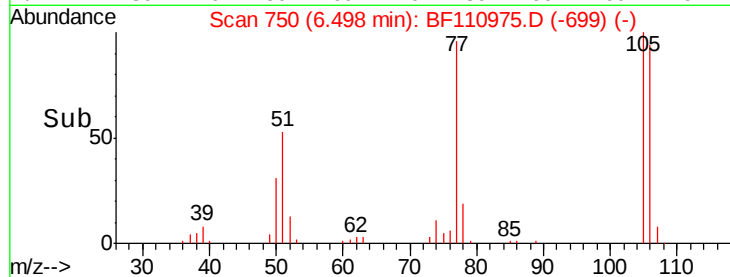
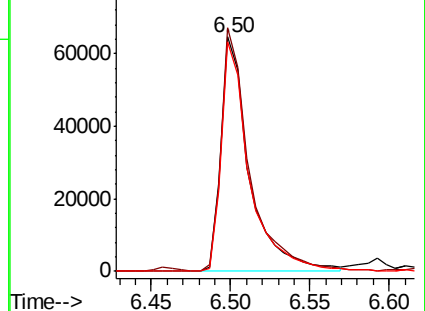
106 97.8 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.868 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

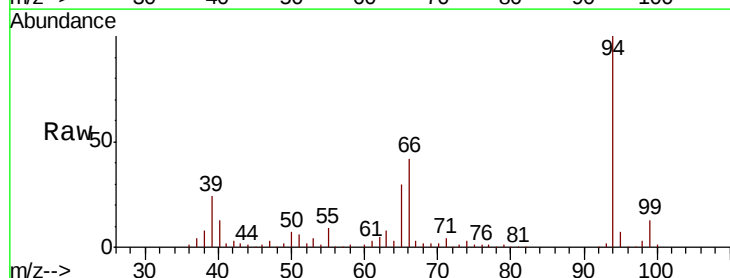
Tgt Ion: 94 Resp: 284790

Ion Ratio Lower Upper

94 100

65 30.4 25.3 65.3

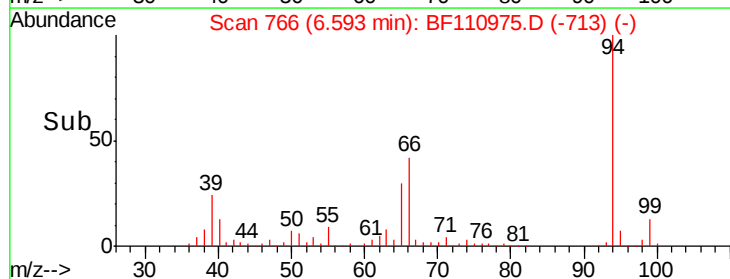
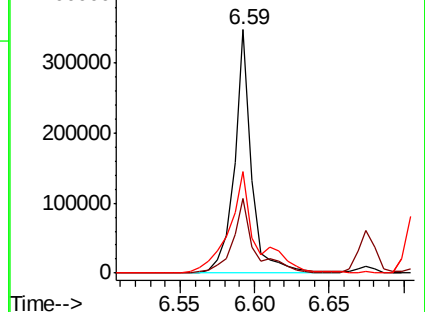
66 41.5 54.5 94.5#

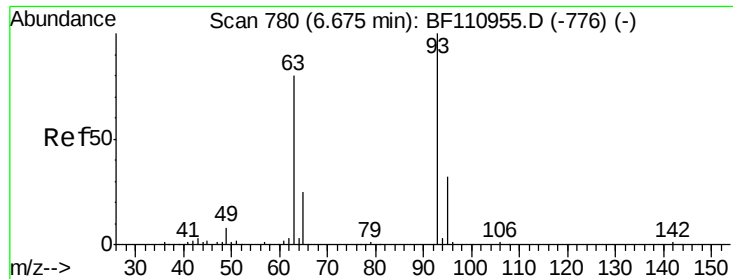


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

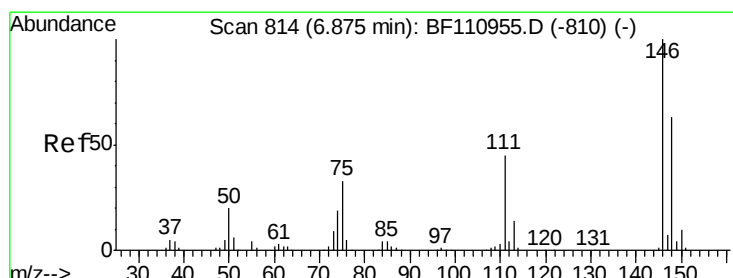
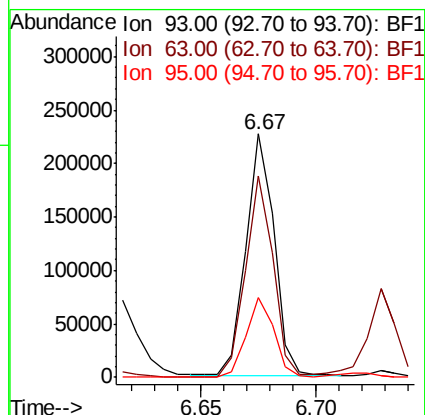
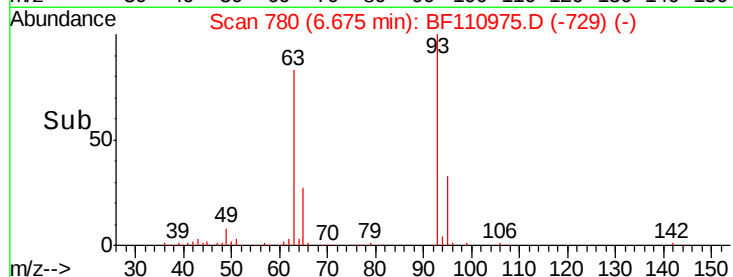
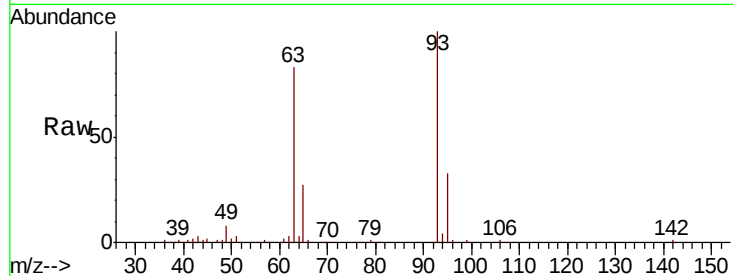




#11
 bis(2-Chloroethyl)ether
 Concen: 42.339 ng
 RT: 6.67 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

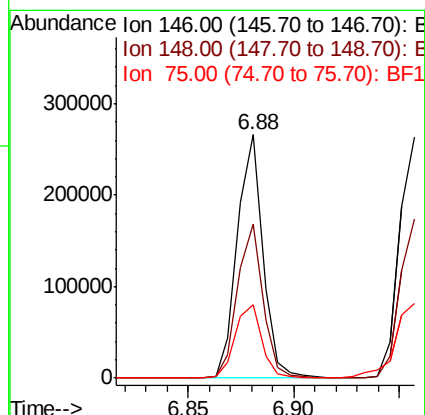
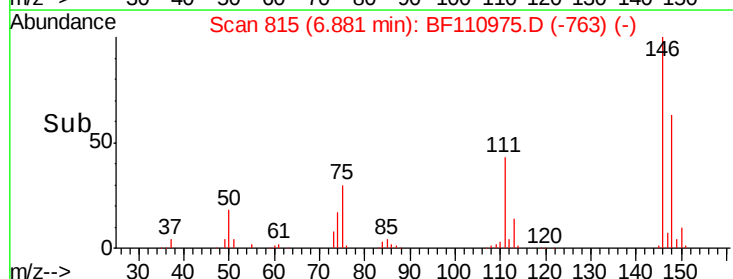
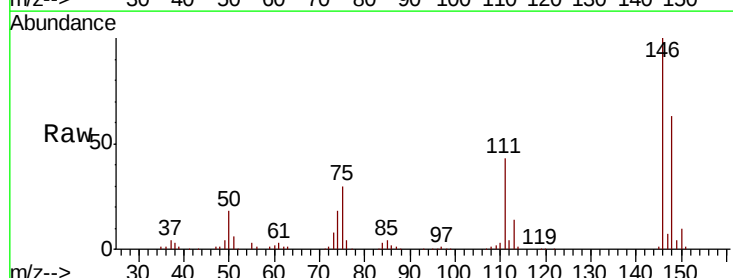
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

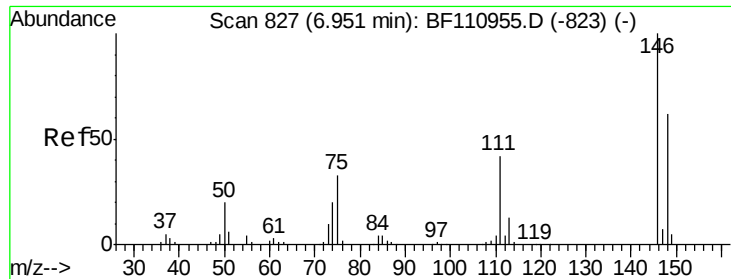
Tgt Ion: 93 Resp: 193821
 Ion Ratio Lower Upper
 93 100
 63 82.6 53.4 93.4
 95 32.7 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 41.303 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion: 146 Resp: 222643
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 75 29.9 25.8 38.6

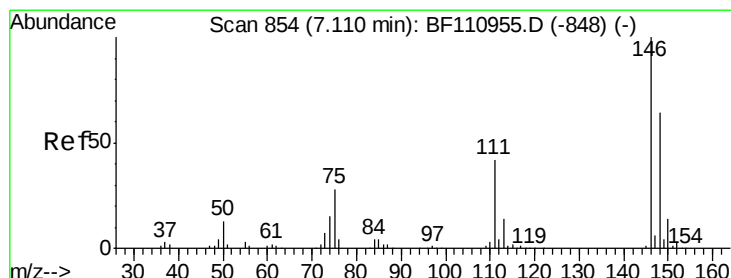
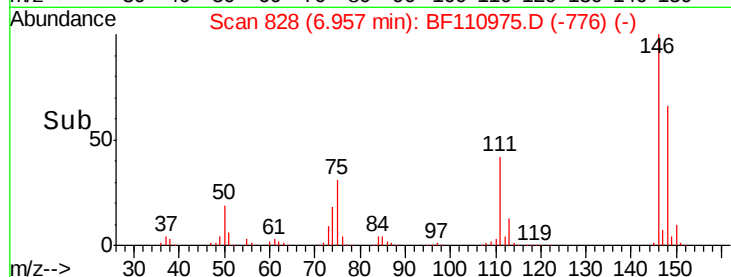
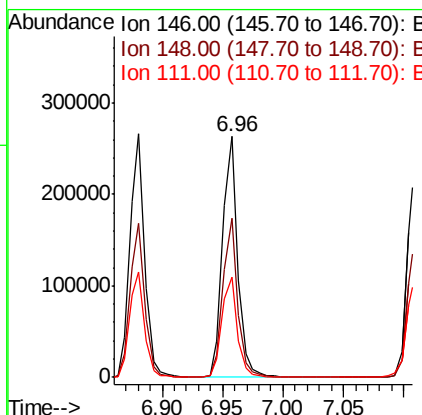
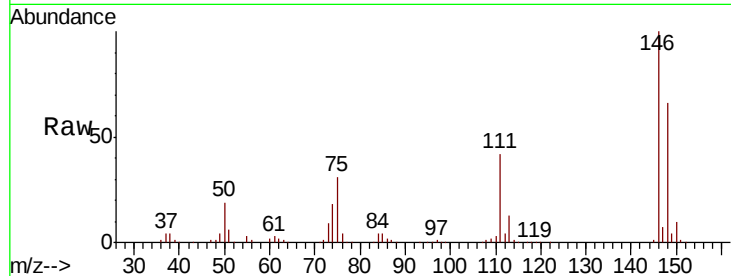




#13
 1,4-Dichlorobenzene
 Concen: 41.148 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

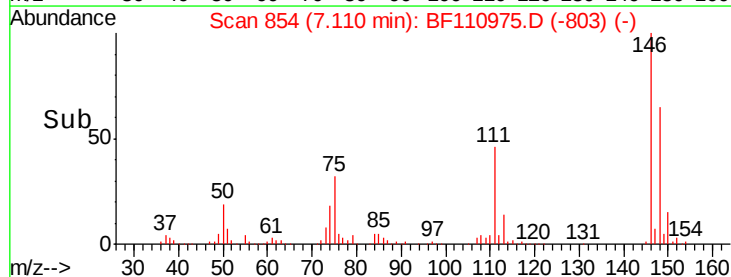
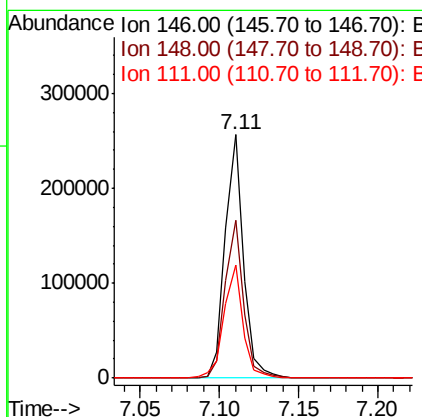
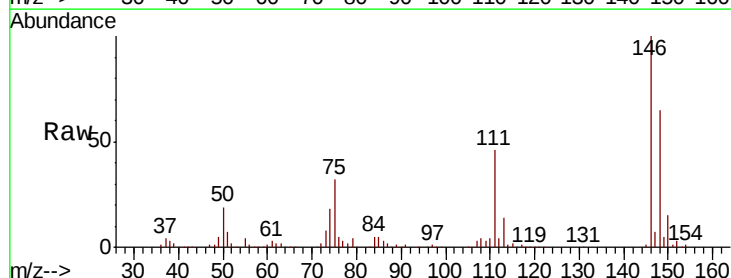
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

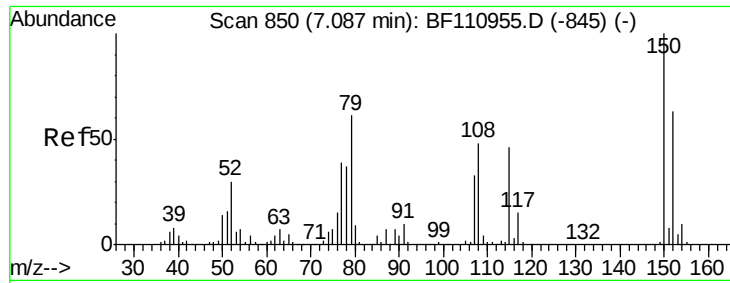
Tgt Ion:146 Resp: 228099
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.3 75.5
 111 41.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 39.534 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion:146 Resp: 206259
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 46.4 35.8 53.6

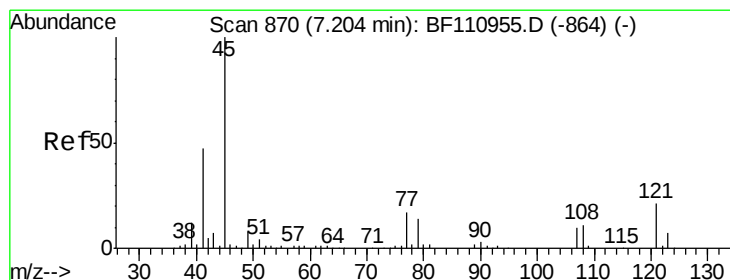
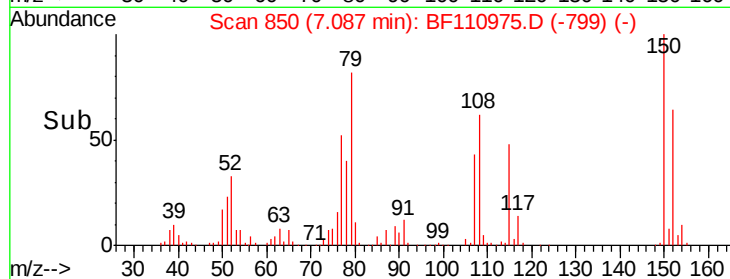
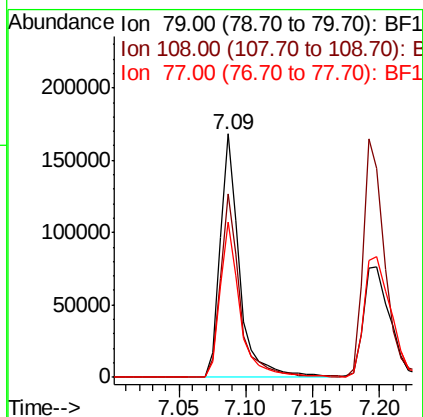
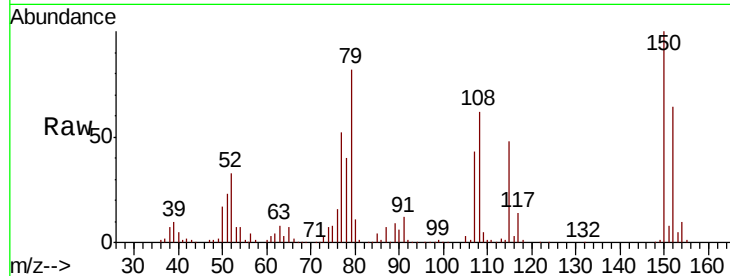




#15
Benzyl Alcohol
Concen: 41.796 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

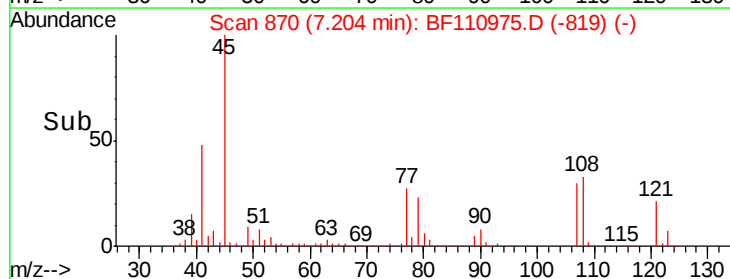
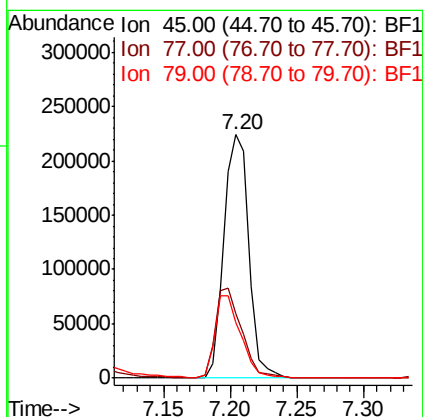
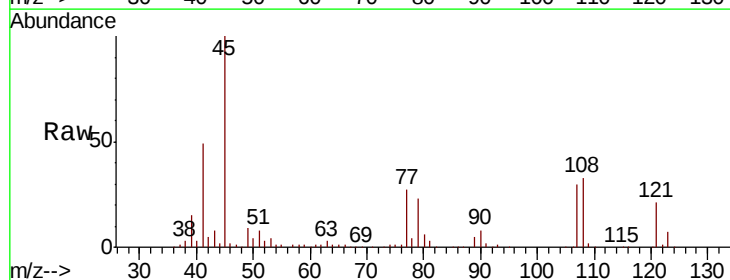
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

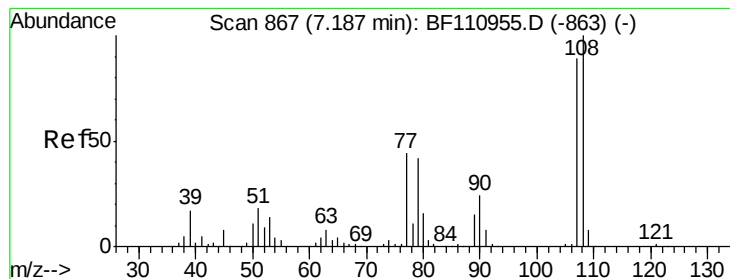
Tgt Ion: 79 Resp: 173308
Ion Ratio Lower Upper
79 100
108 75.1 56.3 84.5
77 63.9 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.670 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion: 45 Resp: 296297
Ion Ratio Lower Upper
45 100
77 26.5 10.0 50.0
79 22.8 6.1 46.1





#17

2-Methylphenol

Concen: 41.921 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tgt Ion:107 Resp: 163550

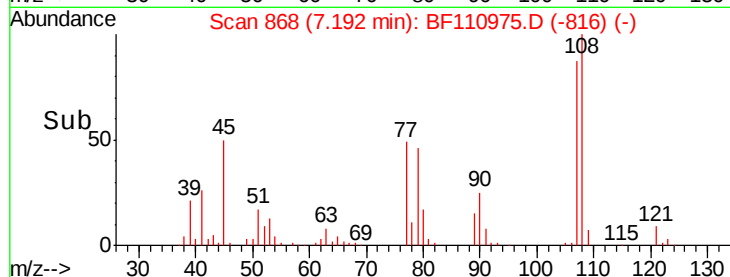
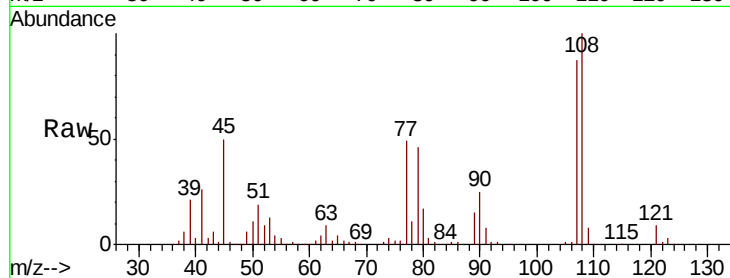
Ion Ratio Lower Upper

107 100

108 115.6 92.6 138.8

77 56.6 59.4 89.2#

79 52.8 54.0 81.0#

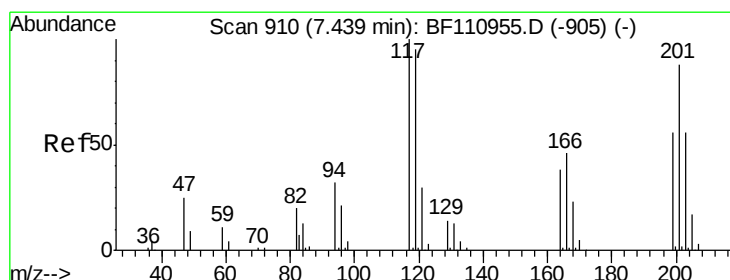
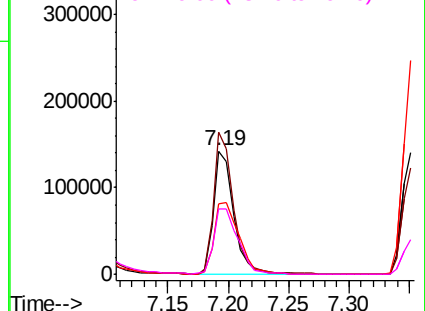


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.389 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

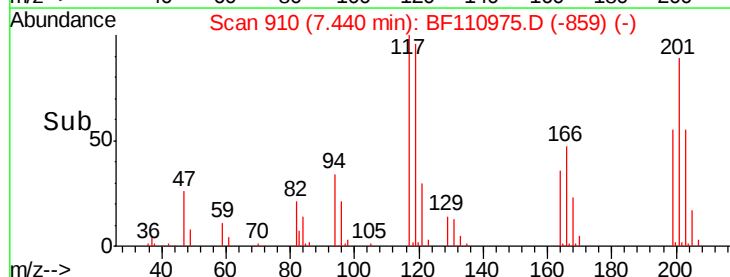
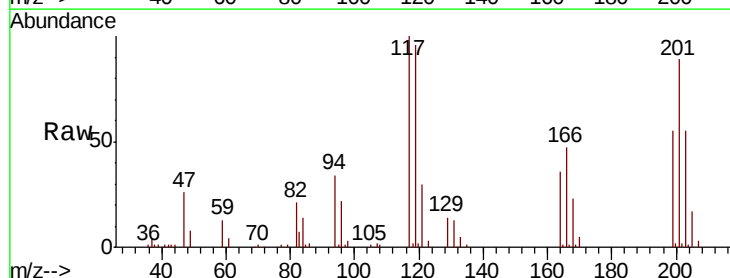
Tgt Ion:117 Resp: 68083

Ion Ratio Lower Upper

117 100

119 95.8 75.0 112.6

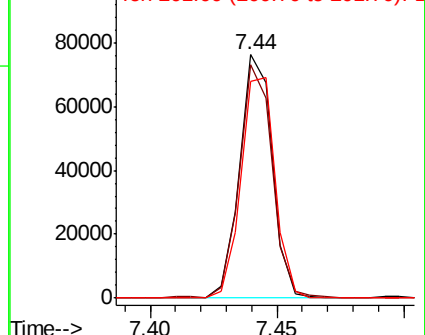
201 89.0 79.2 118.8

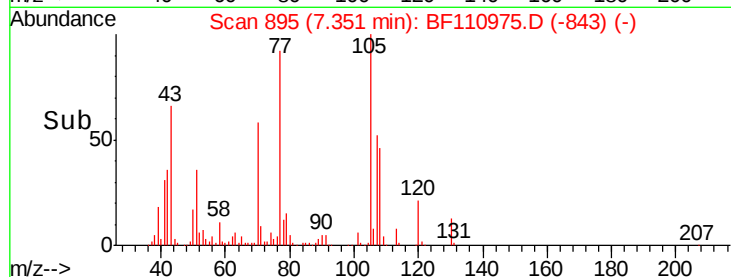
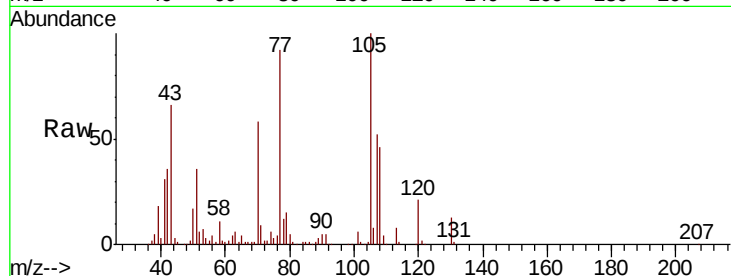
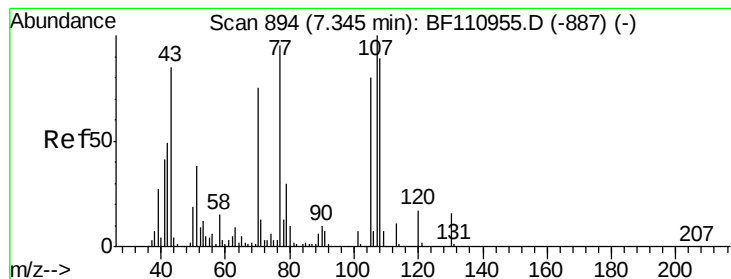


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.841 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tgt Ion: 70 Resp: 143542

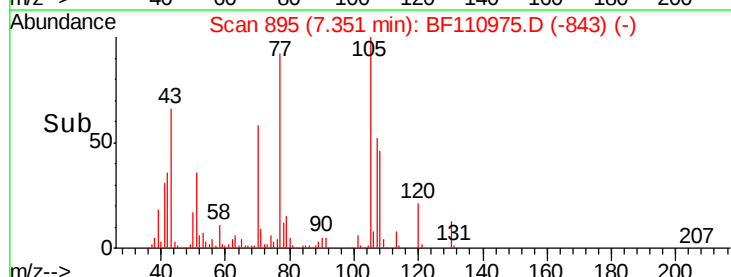
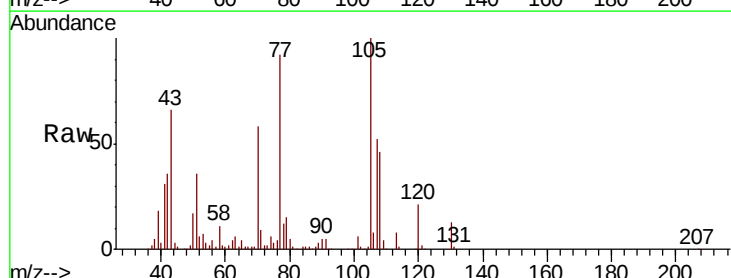
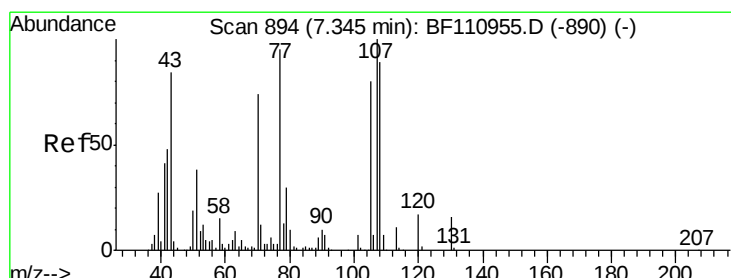
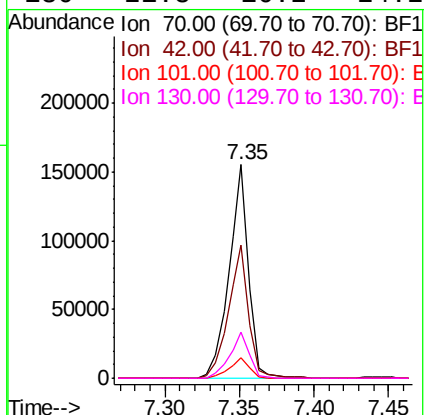
Ion Ratio Lower Upper

70 100

42 62.6 47.4 71.2

101 9.8 7.3 10.9

130 21.8 16.2 24.2



#20

3+4-Methylphenols

Concen: 40.374 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion: 107 Resp: 209385

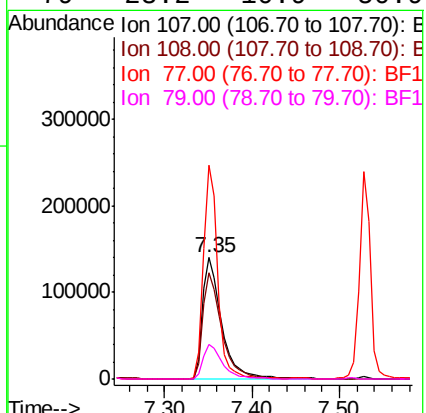
Ion Ratio Lower Upper

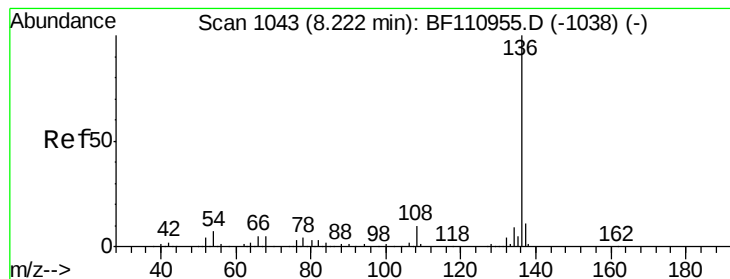
107 100

108 87.5 71.4 111.4

77 175.9 47.3 87.3#

79 28.2 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tgt Ion:136 Resp: 247898

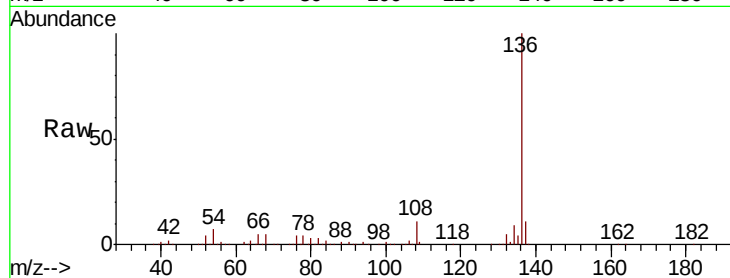
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.5 5.4 8.2

68 4.9 4.2 6.2

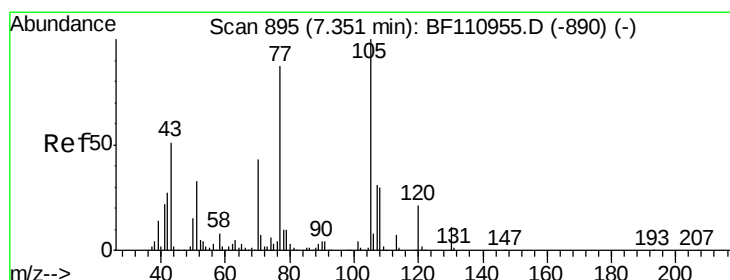
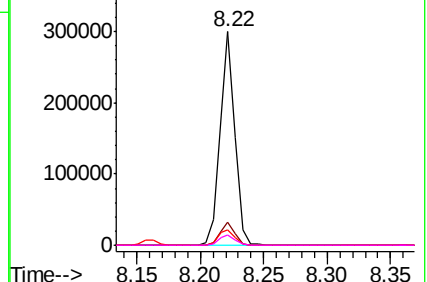
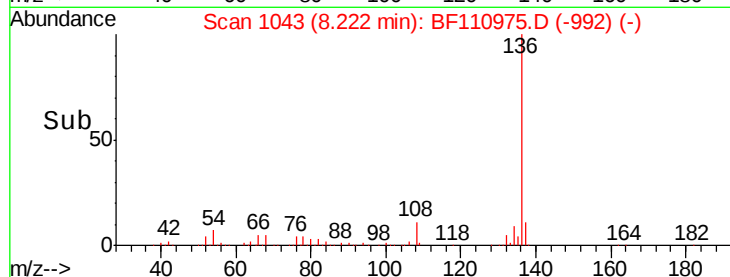


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.983 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion:105 Resp: 284625

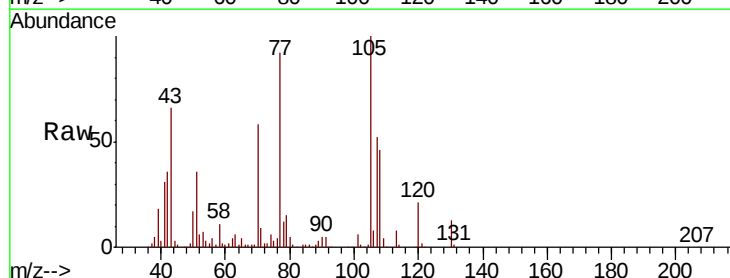
Ion Ratio Lower Upper

105 100

71 9.2 5.2 7.8#

51 36.1 21.8 32.8#

120 21.2 17.0 25.4

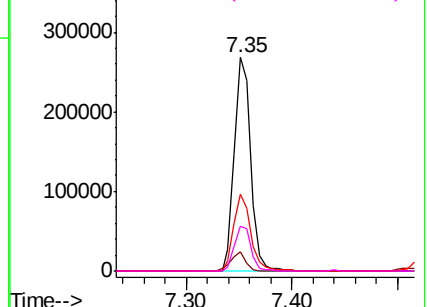
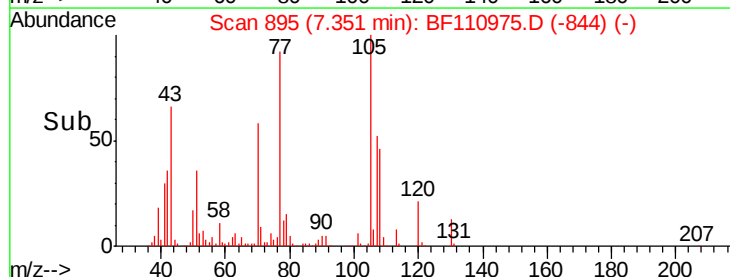


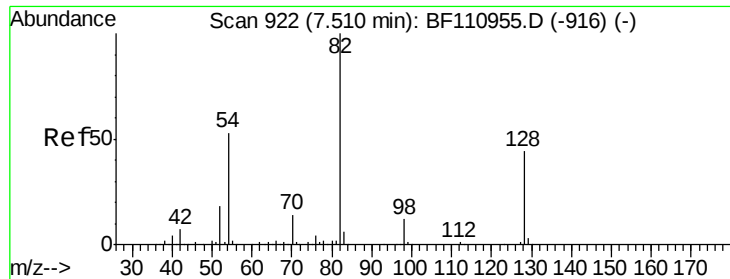
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

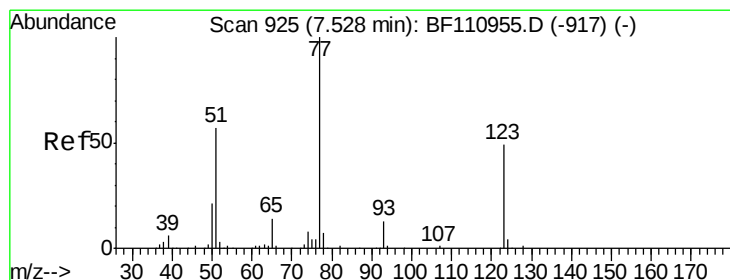
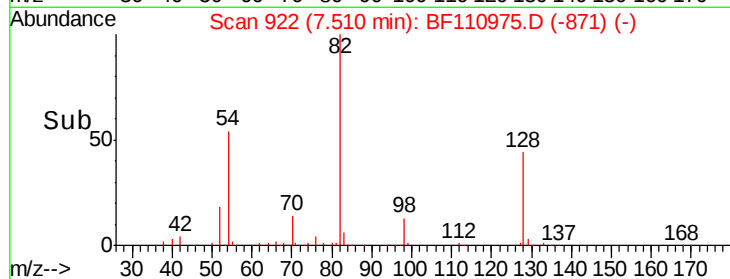
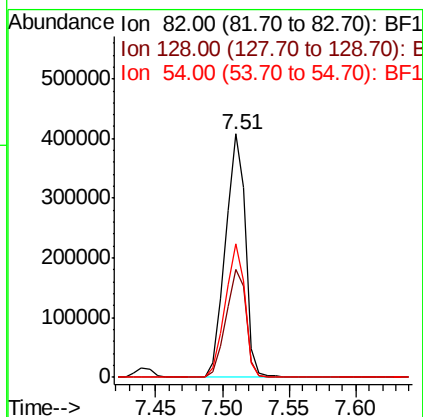
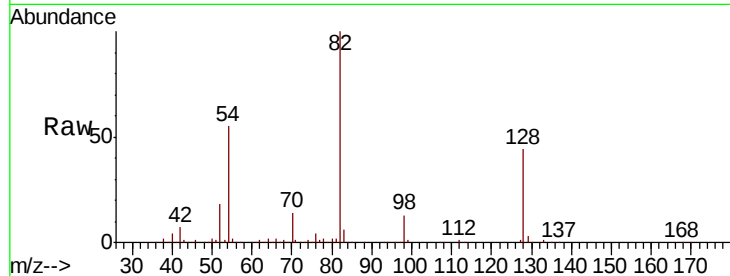




#23
 Nitrobenzene-d5
 Concen: 100.125 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

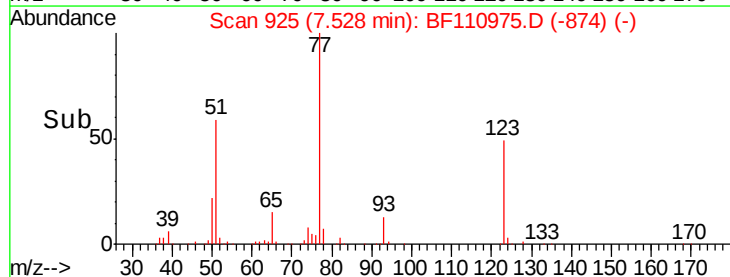
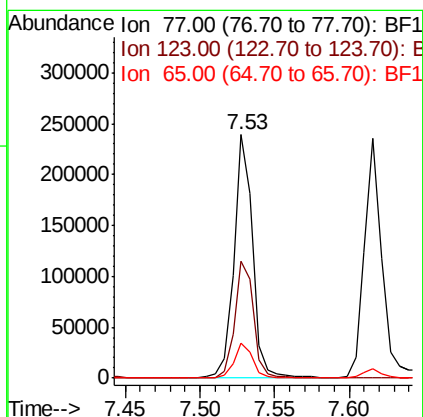
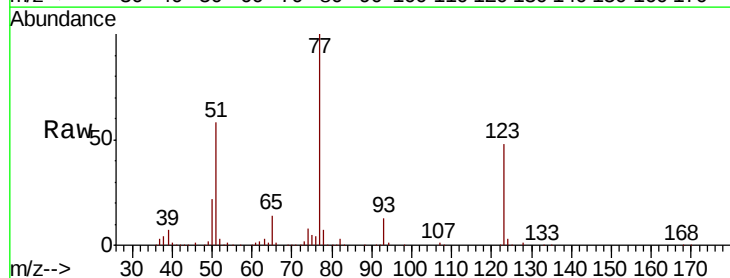
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

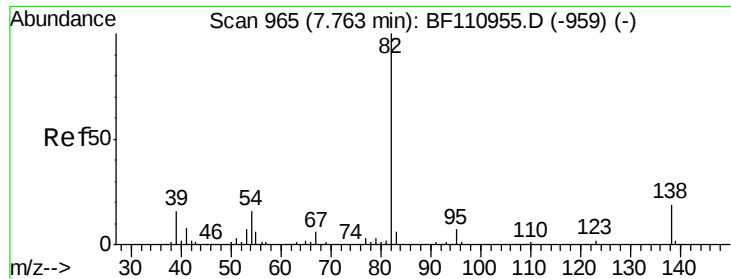
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	54.7	38.6	58.0



#24
 Nitrobenzene
 Concen: 46.603 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.7	53.5
65	14.4	10.7	16.1

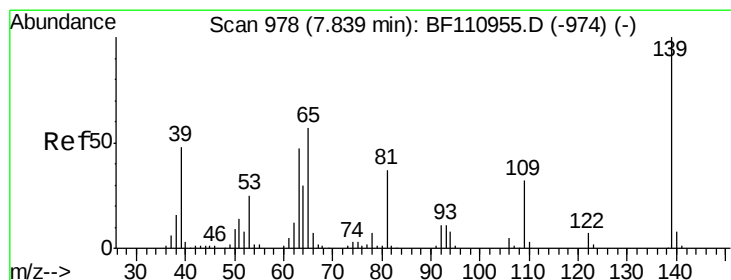
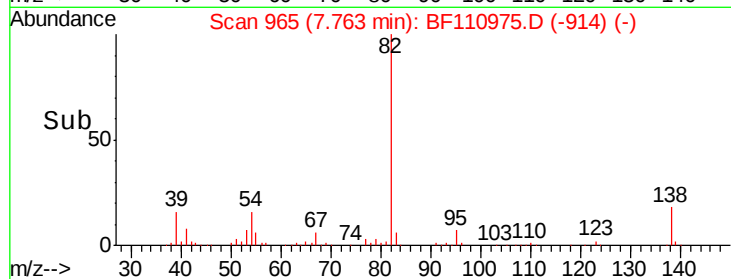
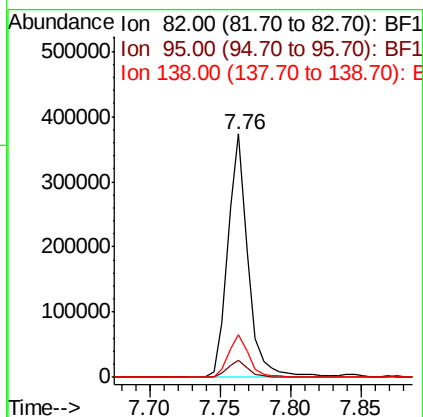
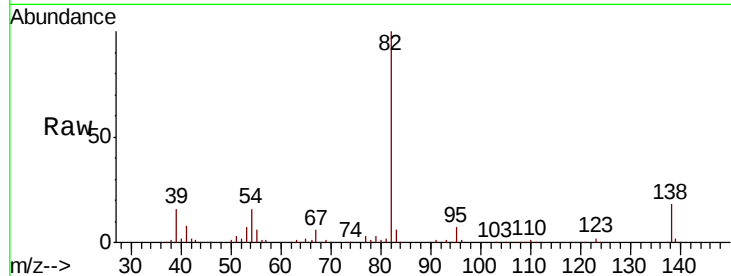




#25
Isophorone
Concen: 52.393 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

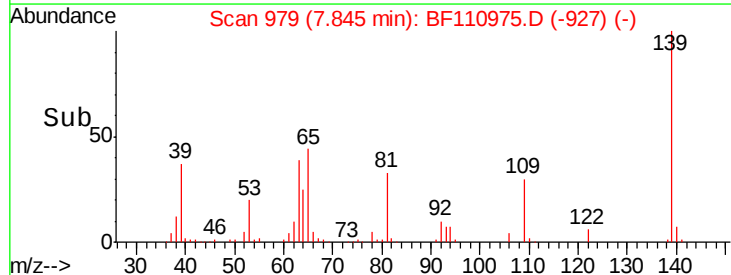
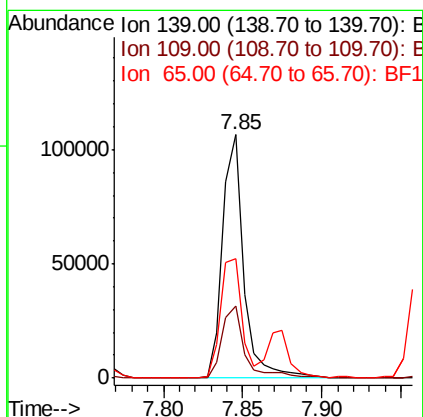
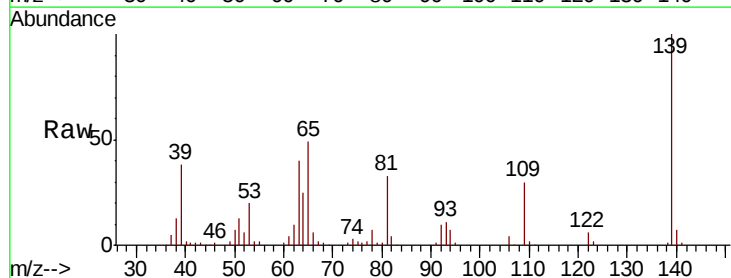
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

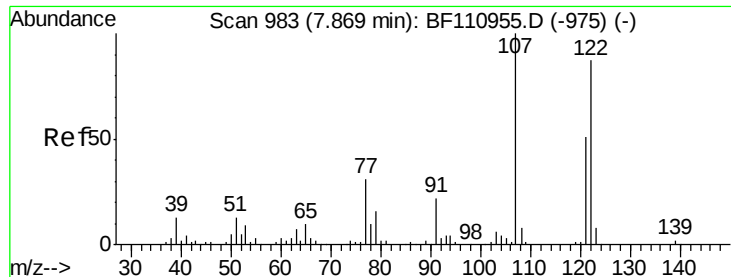
Tgt Ion: 82 Resp: 372265
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.6 13.2 19.8



#26
2-Nitrophenol
Concen: 45.064 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion: 139 Resp: 98620
Ion Ratio Lower Upper
139 100
109 29.8 25.0 37.6
65 48.9 44.0 66.0

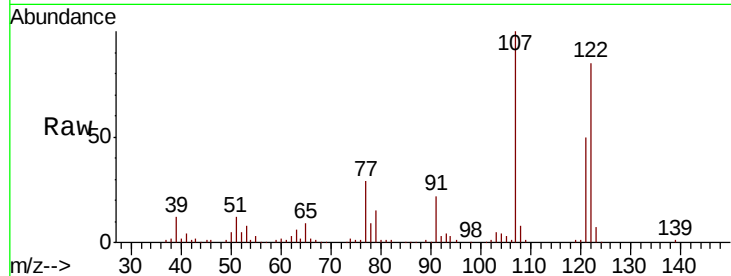




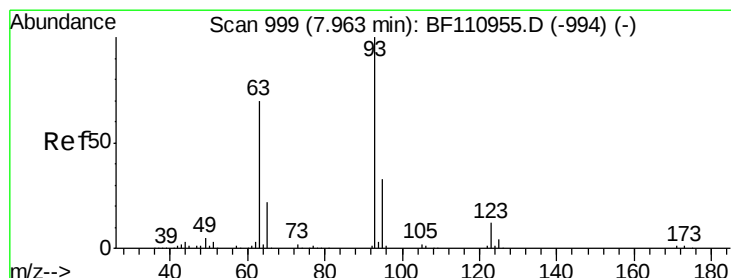
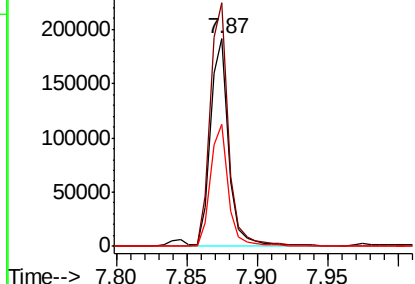
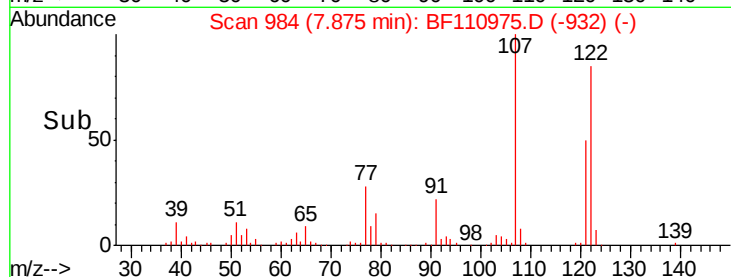
#27
2,4-Dimethylphenol
Concen: 51.522 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:122 Resp: 170276
Ion Ratio Lower Upper
122 100
107 117.2 92.5 138.7
121 58.8 45.8 68.8

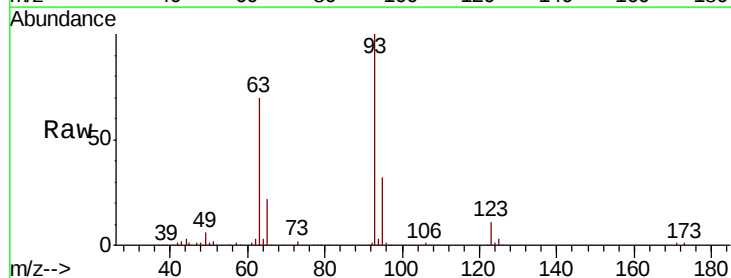


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

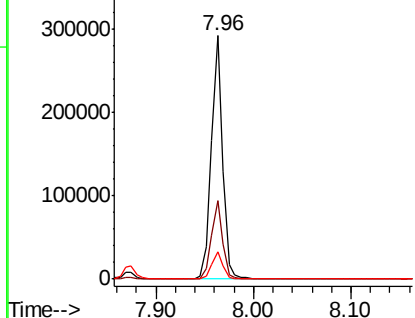
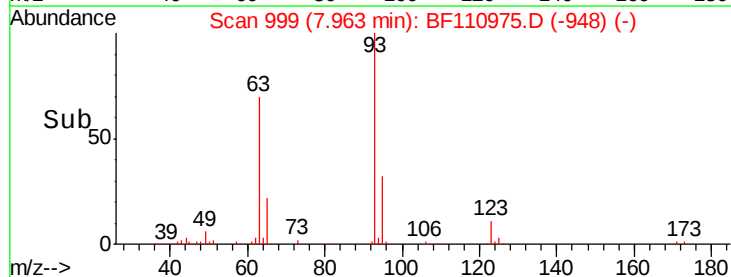


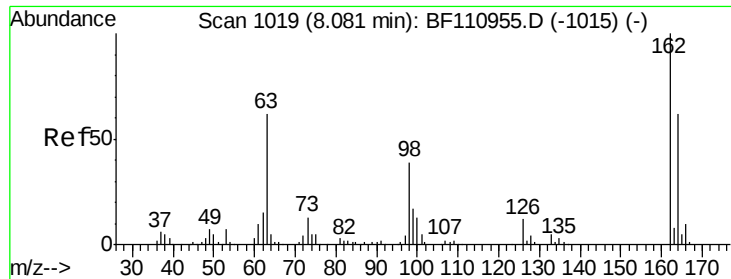
#28
bis(2-Chloroethoxy)methane
Concen: 49.369 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion: 93 Resp: 235001
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 11.2 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

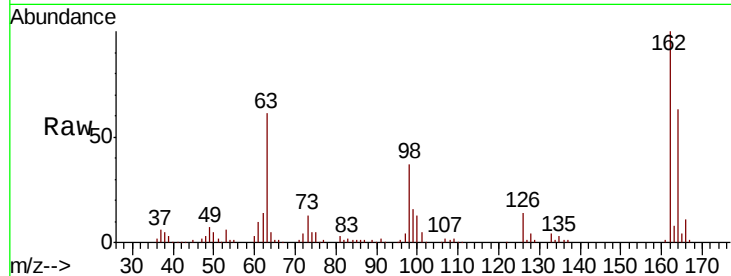




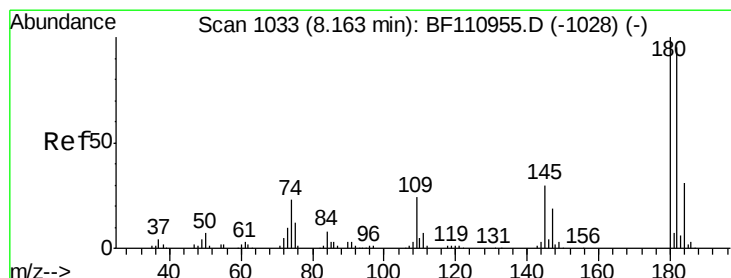
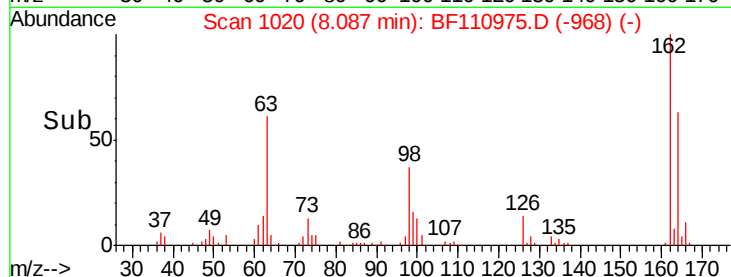
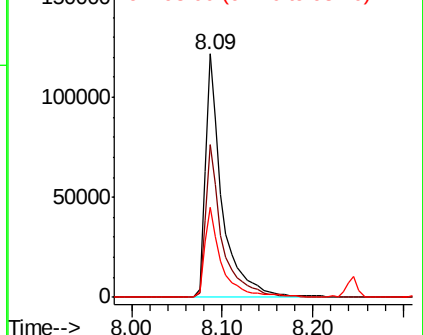
#29
 2,4-Dichlorophenol
 Concen: 45.777 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tgt Ion:162 Resp: 158311
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.6 84.6
 98 37.0 17.4 57.4

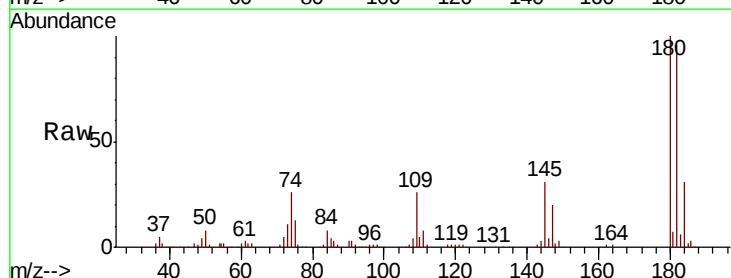


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

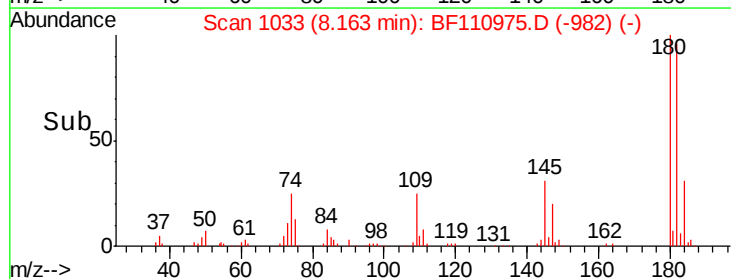
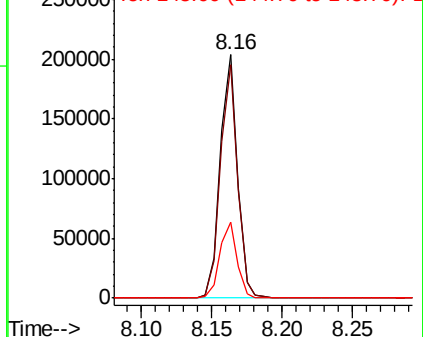


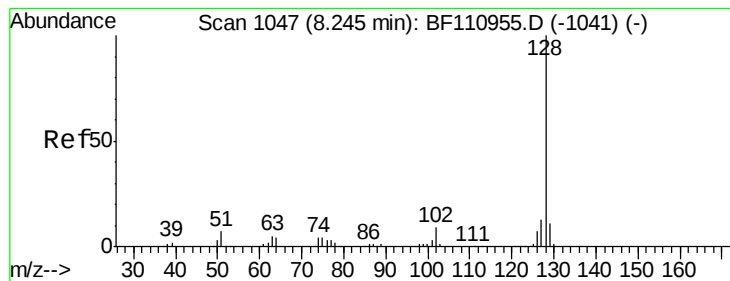
#30
 1,2,4-Trichlorobenzene
 Concen: 44.780 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion:180 Resp: 173553
 Ion Ratio Lower Upper
 180 100
 182 95.9 80.3 120.5
 145 31.3 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.494 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

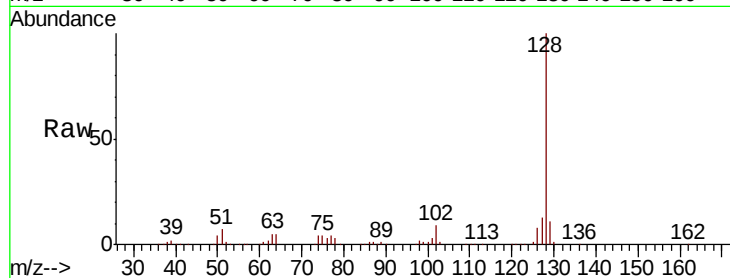
Tgt Ion:128 Resp: 563515

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

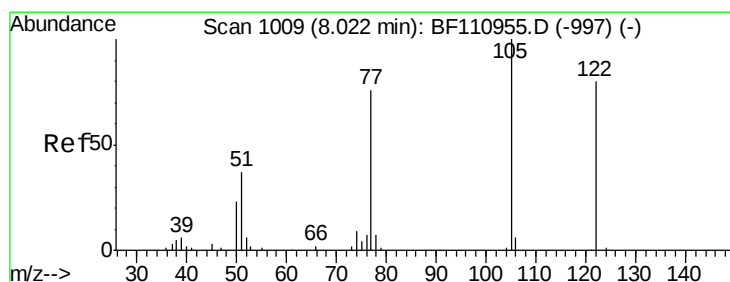
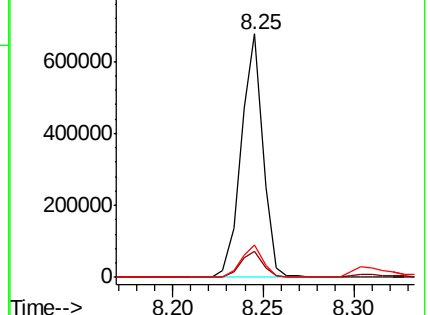
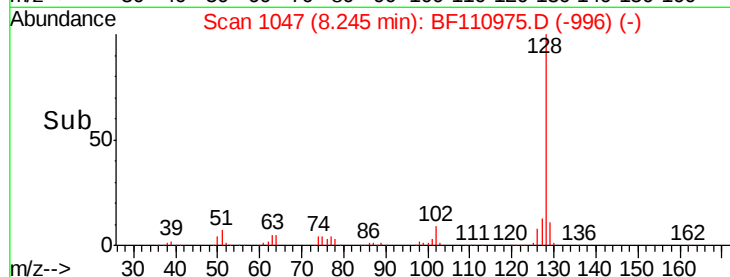
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 69.299 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.15 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

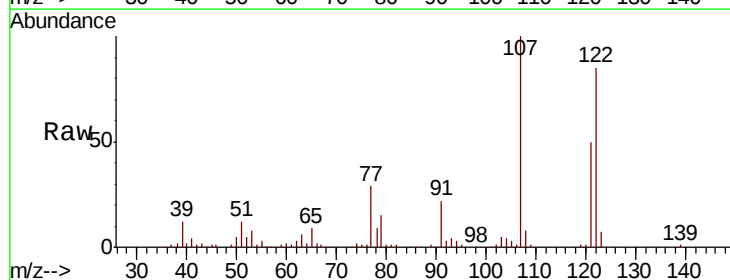
Tgt Ion:122 Resp: 170276

Ion Ratio Lower Upper

122 100

105 3.8 109.0 149.0#

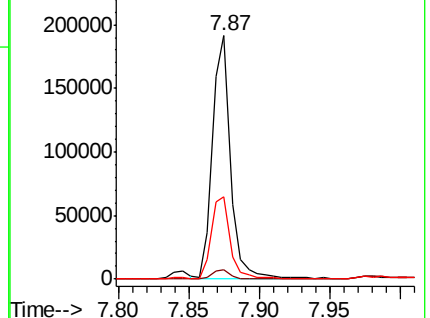
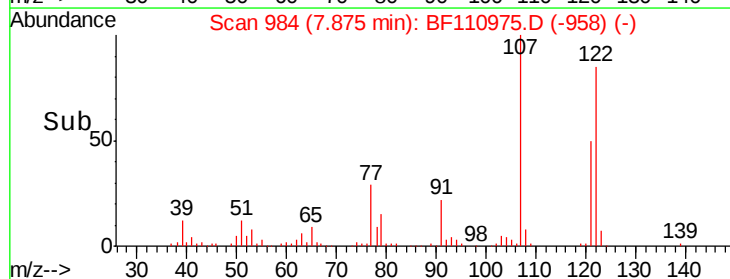
77 34.0 79.0 119.0#

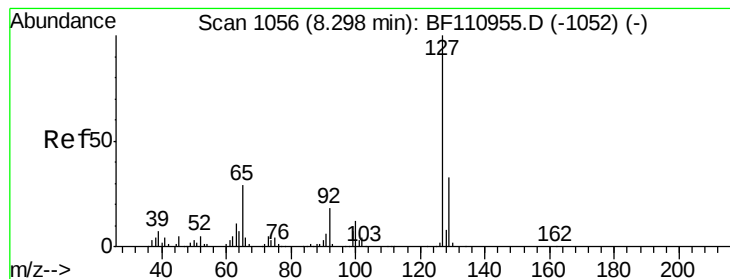


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.206 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tgt Ion:127 Resp: 50479

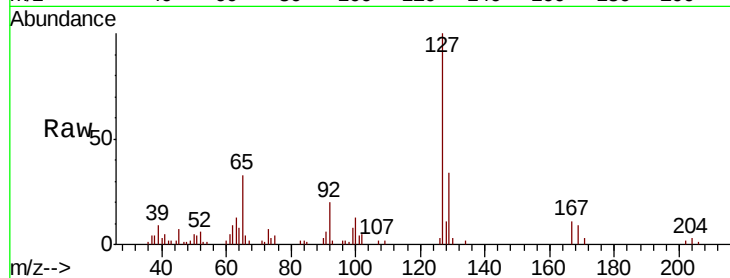
Ion Ratio Lower Upper

127 100

129 34.4 26.0 39.0

65 32.6 25.1 37.7

92 20.2 15.0 22.6

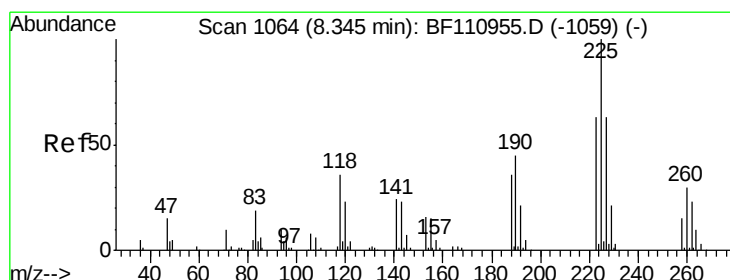
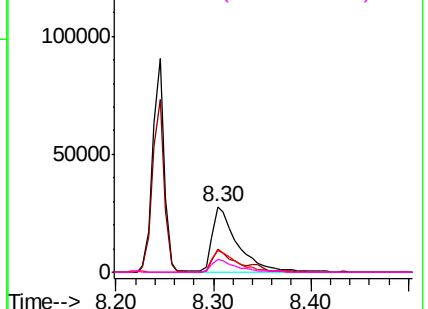
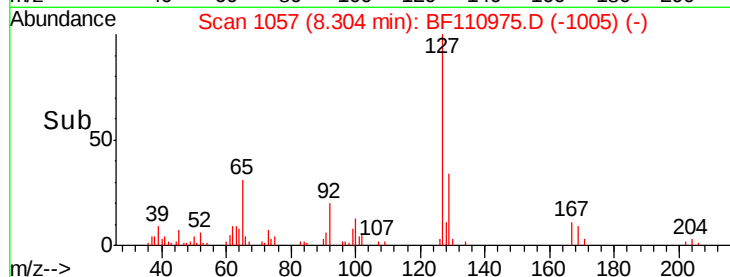


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 44.158 ng

RT: 8.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

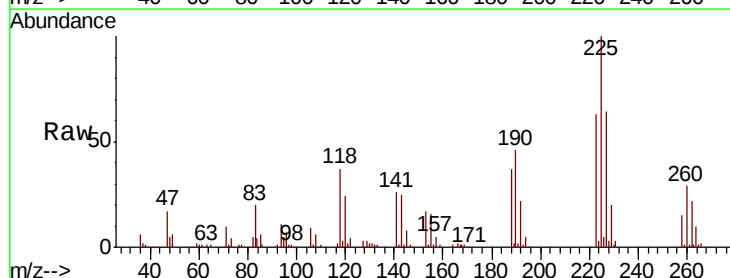
Tgt Ion:225 Resp: 97477

Ion Ratio Lower Upper

225 100

223 62.7 51.4 77.2

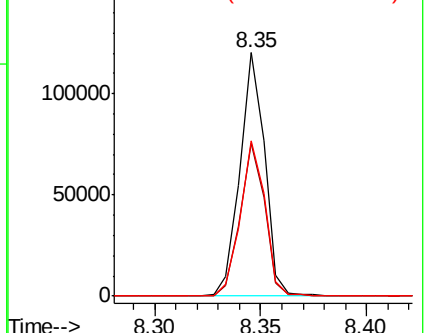
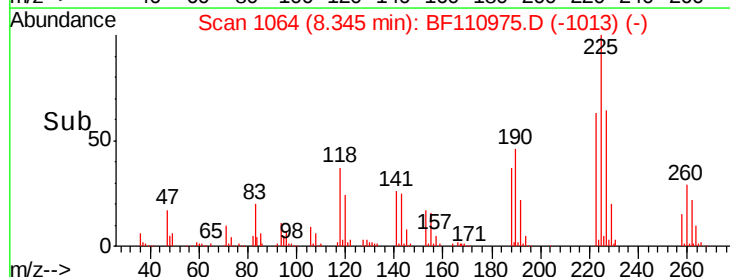
227 63.6 51.0 76.6

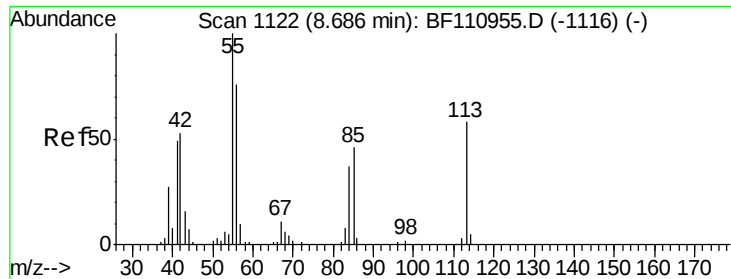


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

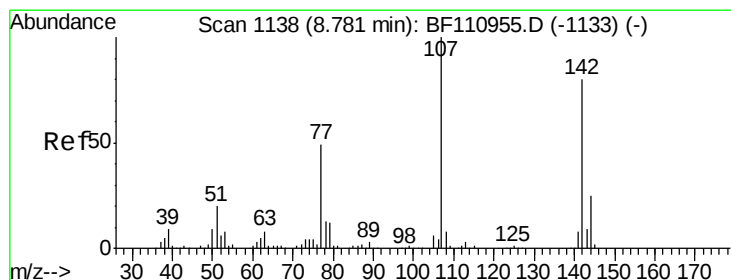
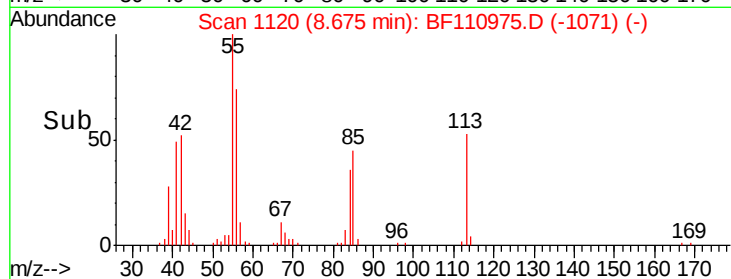
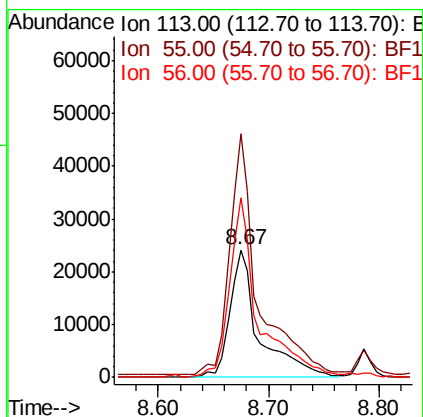
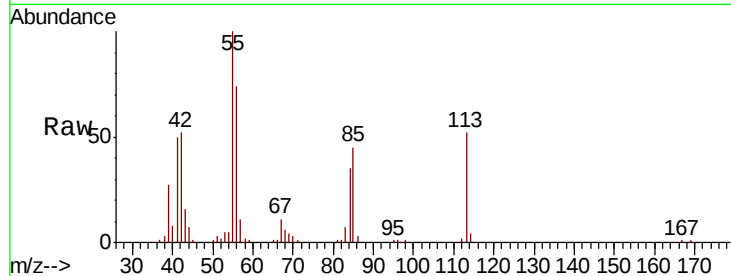




#35
 Caprolactam
 Concen: 38.038 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

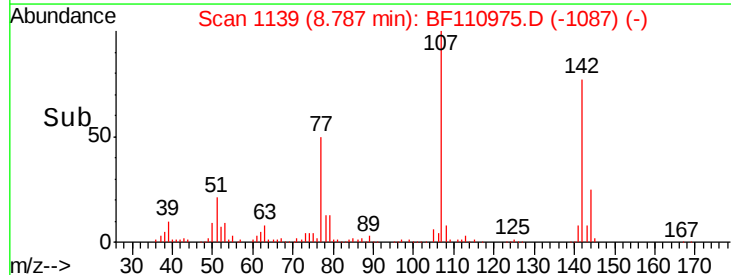
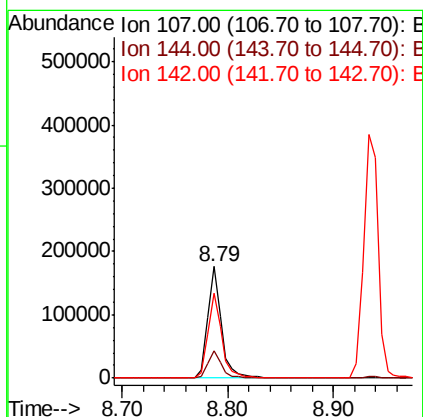
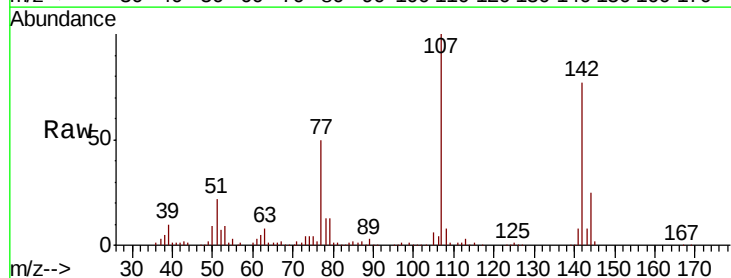
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

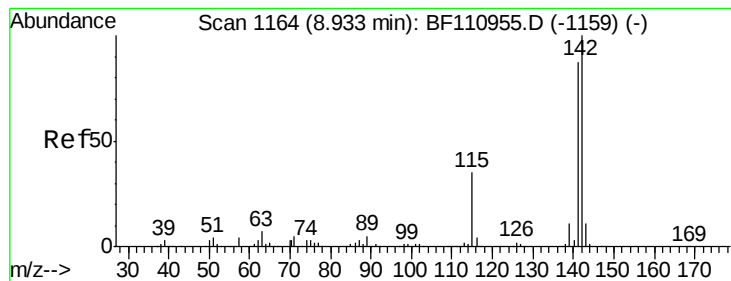
Tgt Ion:113 Resp: 44910
 Ion Ratio Lower Upper
 113 100
 55 191.1 142.8 182.8#
 56 141.1 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.582 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion:107 Resp: 159781
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 76.5 59.7 89.5

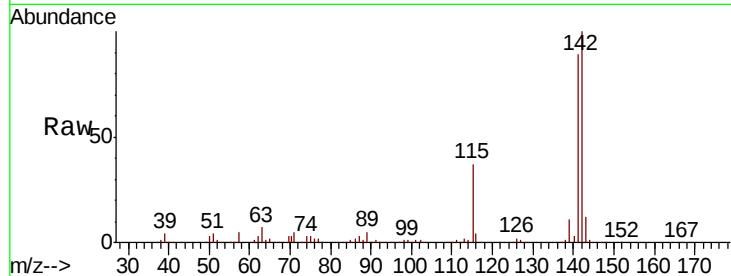




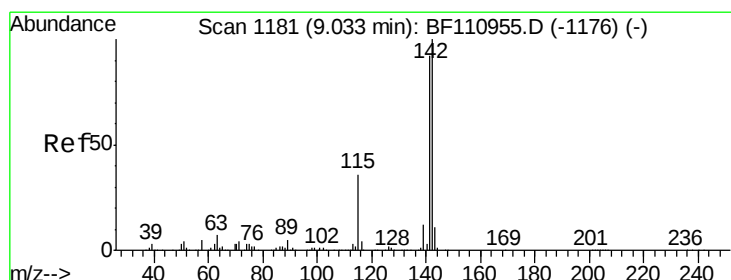
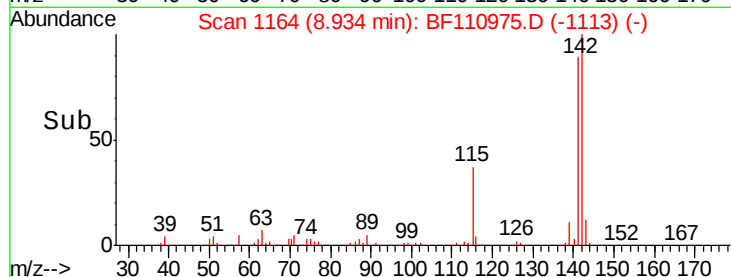
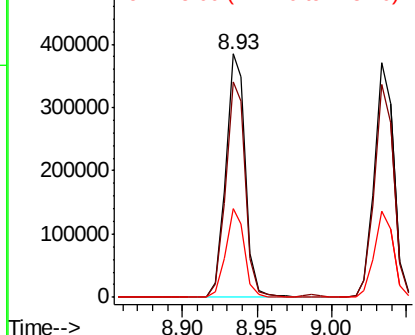
#37
2-Methylnaphthalene
Concen: 46.863 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:142 Resp: 359691
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 36.6 28.7 43.1

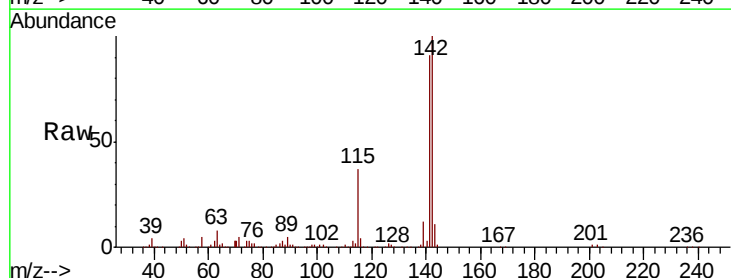


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

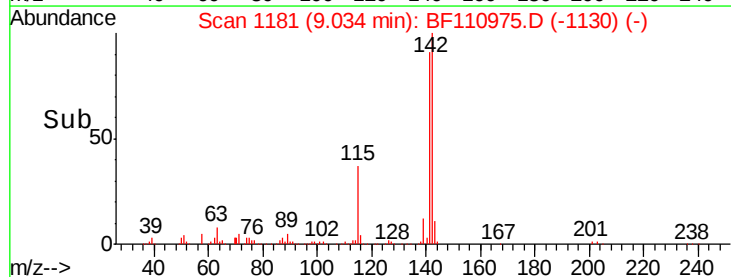
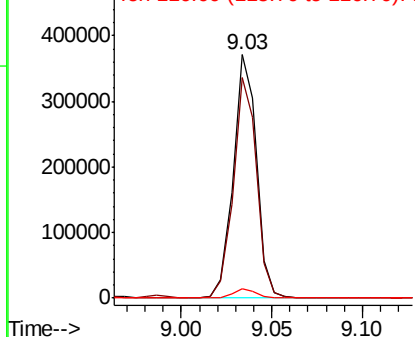


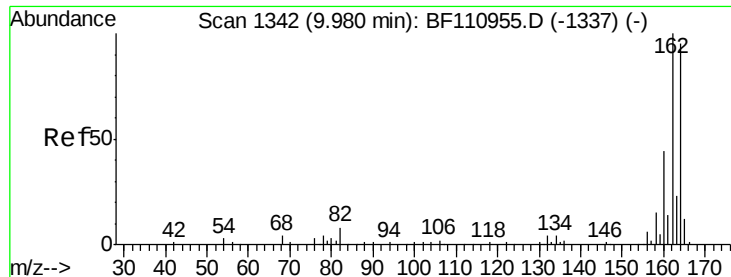
#38
1-Methylnaphthalene
Concen: 44.324 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion:142 Resp: 330912
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 3.9 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

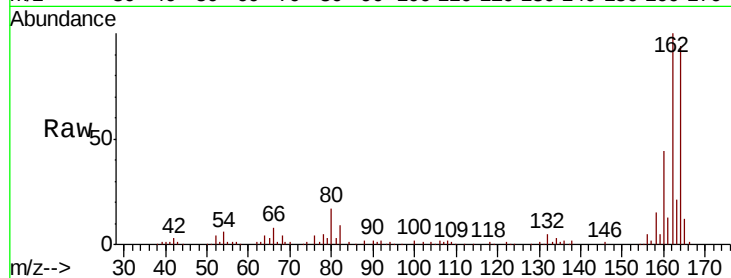
Tgt Ion:164 Resp: 96375

Ion Ratio Lower Upper

164 100

162 106.7 83.0 124.6

160 47.0 37.0 55.6

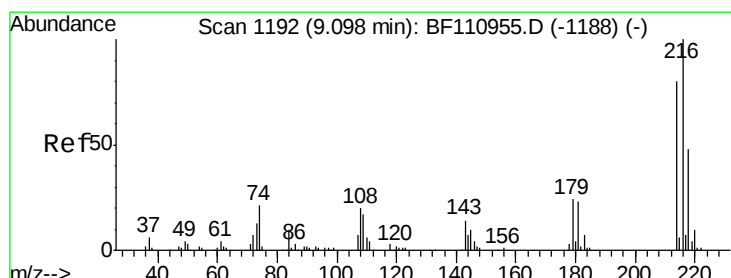
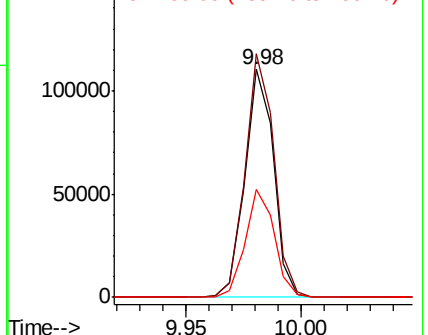
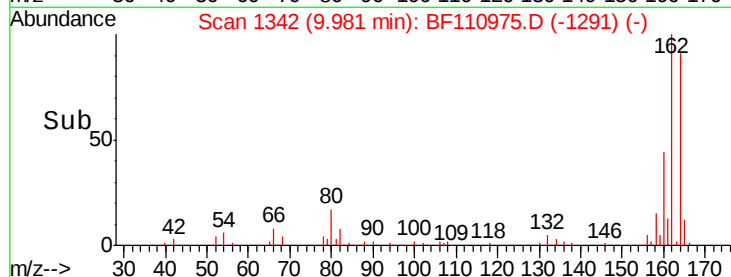


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.863 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion:216 Resp: 148140

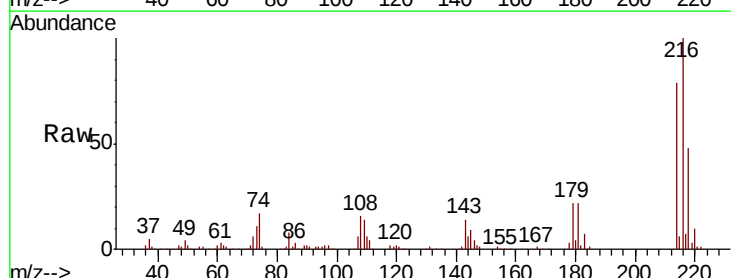
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.6

179 22.6 16.6 25.0

108 18.1 15.1 22.7



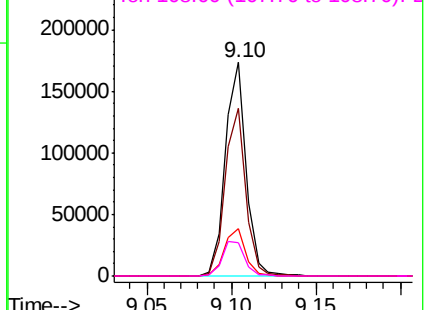
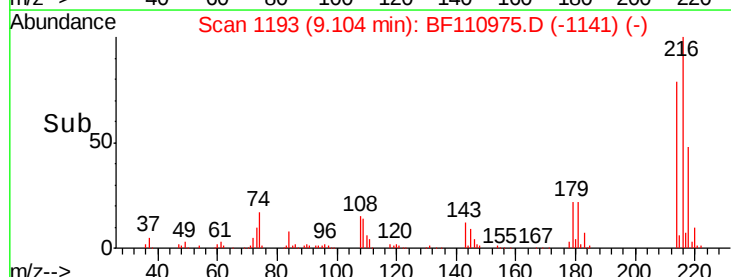
Abundance

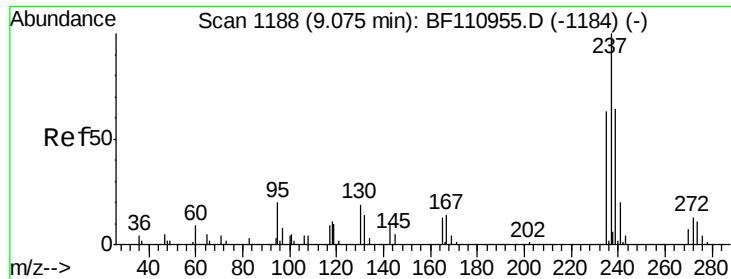
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 12.118 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

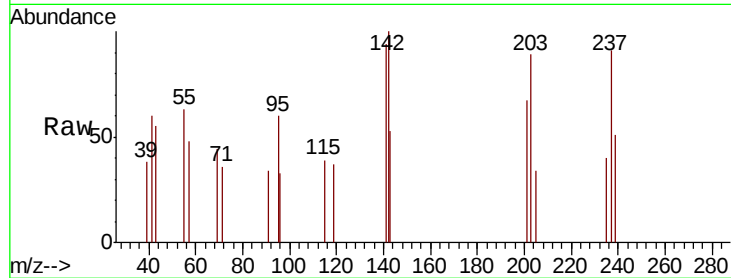
Tgt Ion: 237 Resp: 509

Ion Ratio Lower Upper

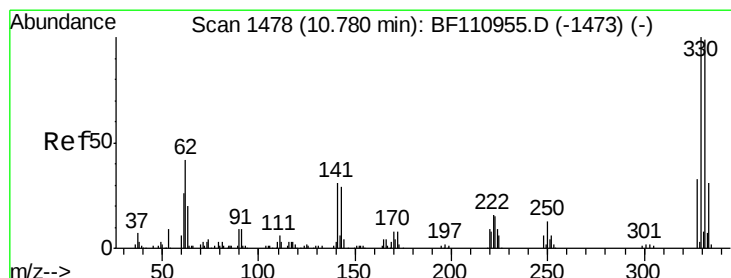
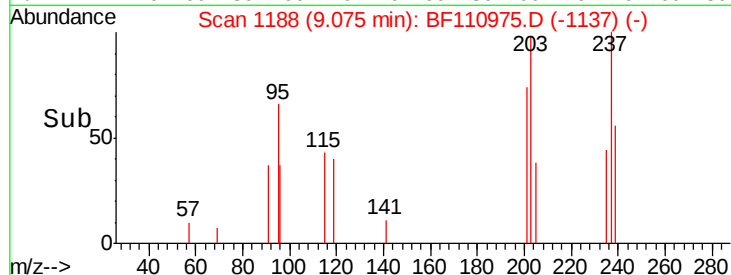
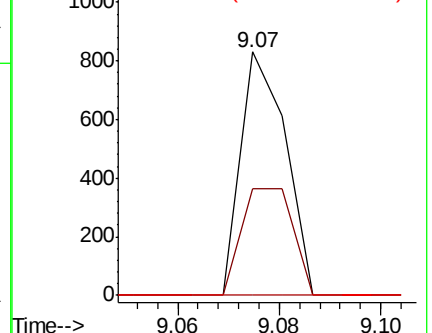
237 100

235 43.7 43.1 83.1

272 0.0 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 128.939 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

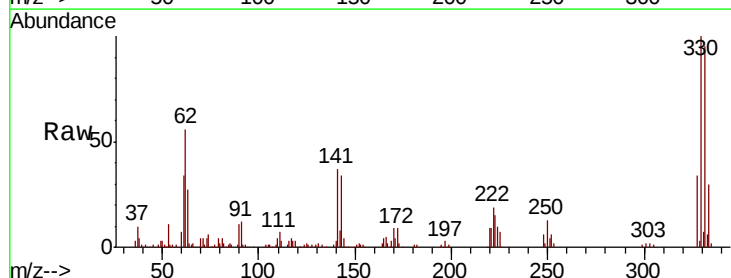
Tgt Ion: 330 Resp: 123412

Ion Ratio Lower Upper

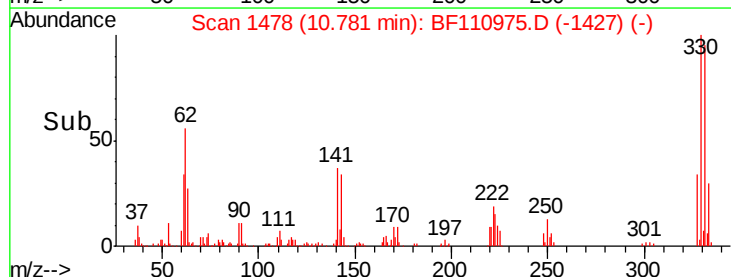
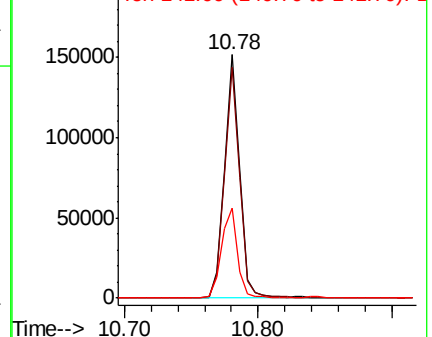
330 100

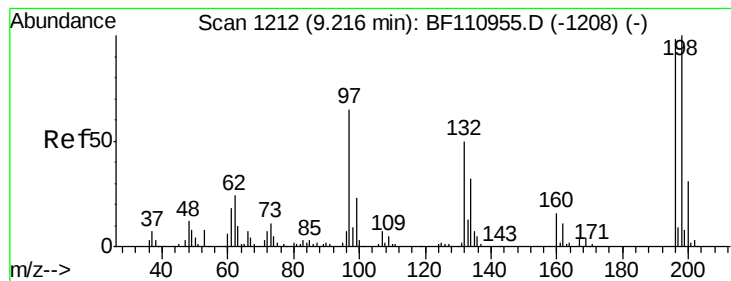
332 95.0 77.1 115.7

141 38.9 27.0 40.4



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





#43

2,4,6-Trichlorophenol

Concen: 52.344 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

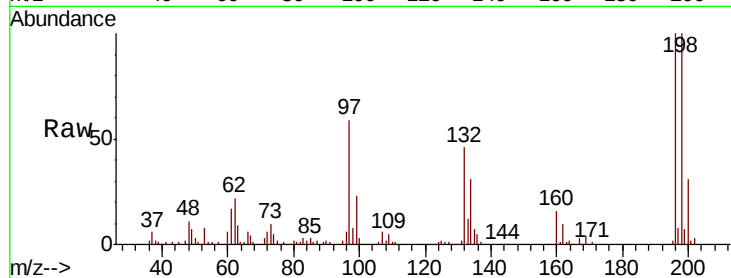
Tgt Ion:196 Resp: 94778

Ion Ratio Lower Upper

196 100

198 99.8 76.2 114.4

200 31.5 24.4 36.6

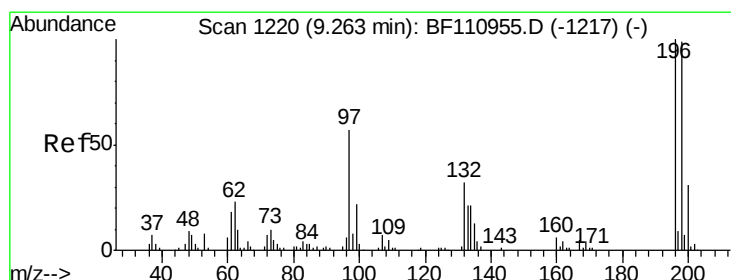
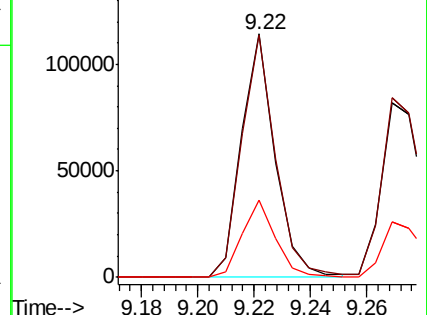
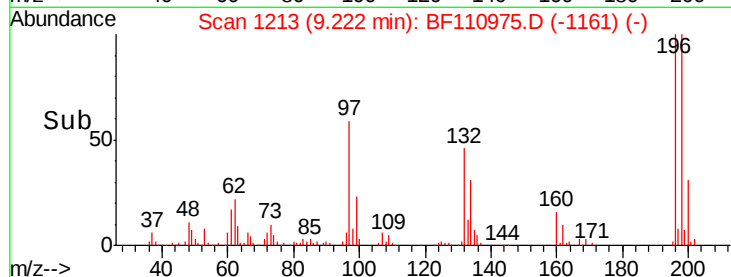


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 49.651 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Tgt Ion:196 Resp: 94662

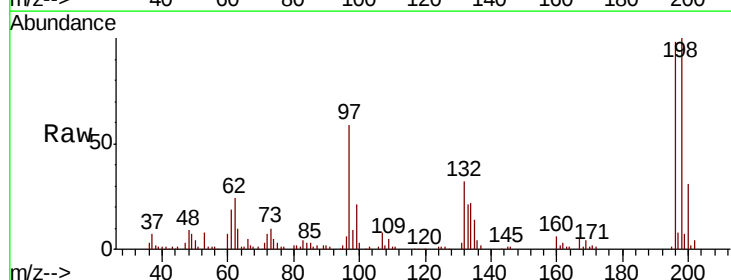
Ion Ratio Lower Upper

196 100

198 102.5 75.8 113.6

97 60.3 42.4 63.6

132 32.8 22.8 34.2



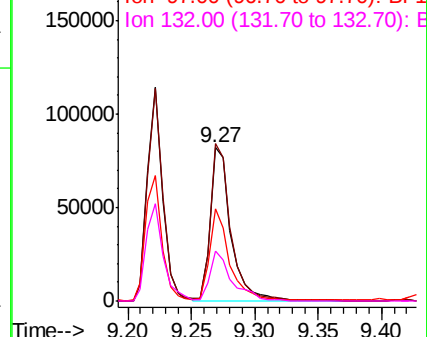
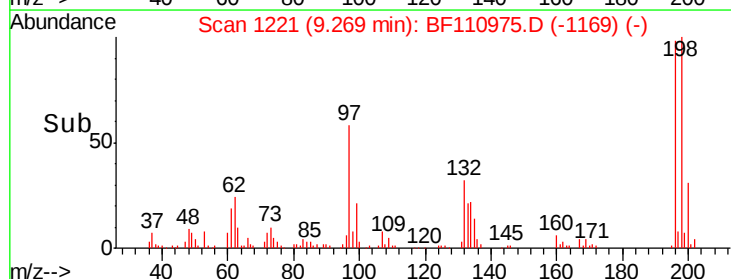
Abundance

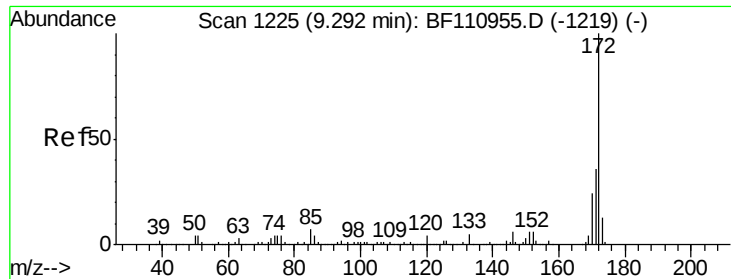
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

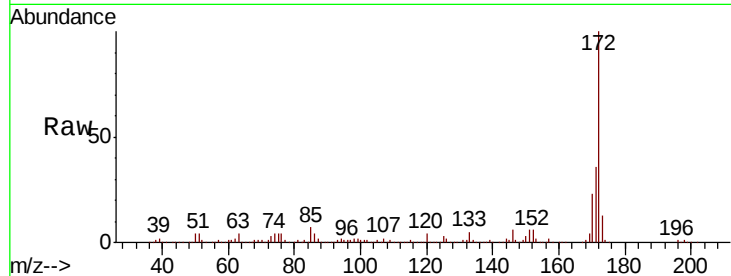




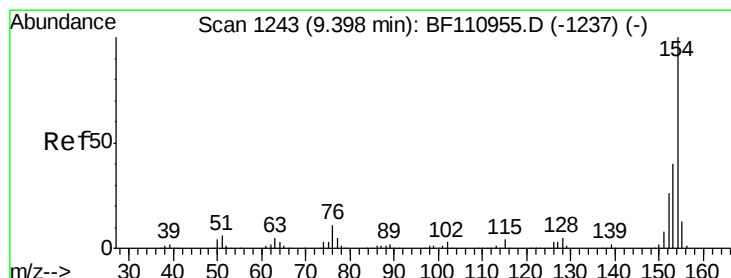
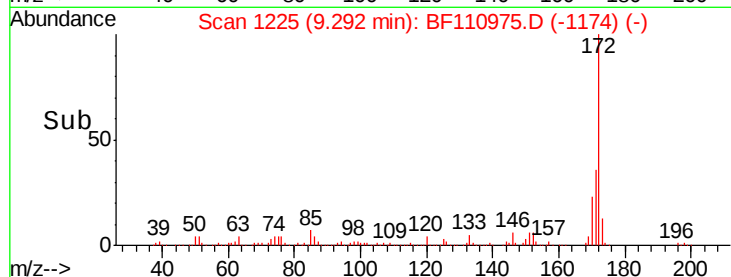
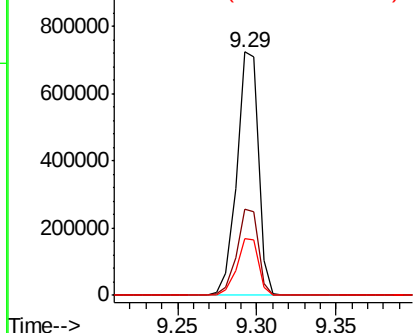
#45
 2-Fluorobiphenyl
 Concen: 102.944 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tgt Ion:172 Resp: 684804
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.4 19.7 29.5

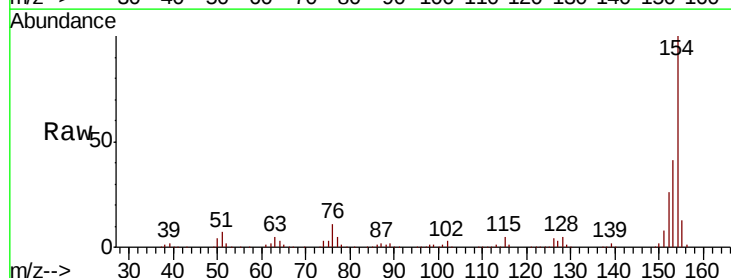


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

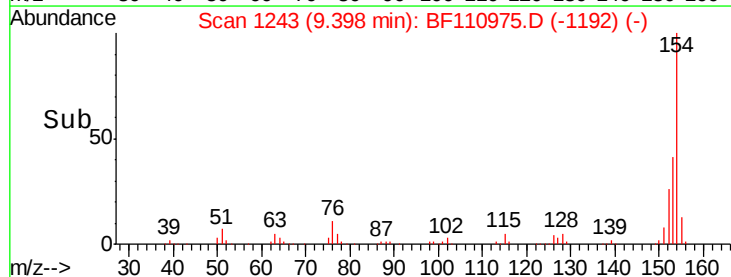
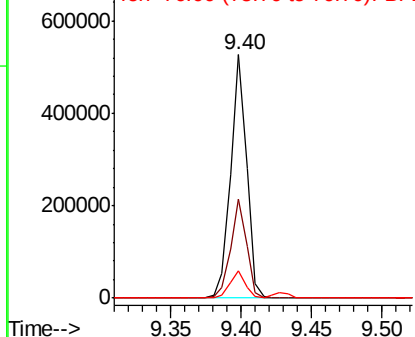


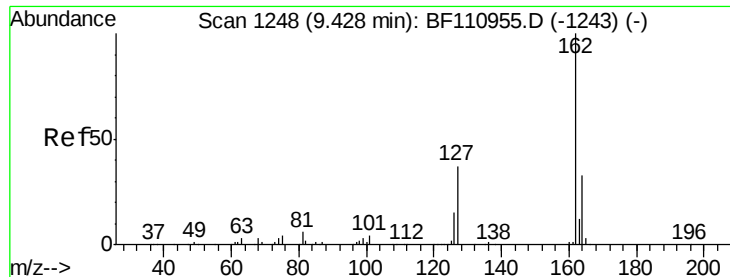
#46
 1,1'-Biphenyl
 Concen: 46.697 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion:154 Resp: 414910
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.4 60.4
 76 11.4 0.0 31.9



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

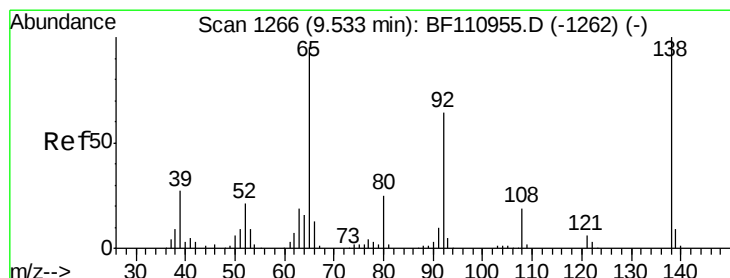
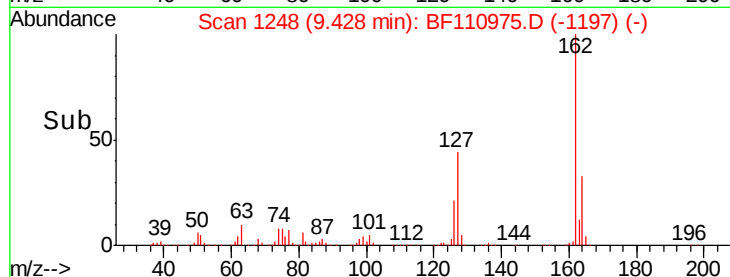
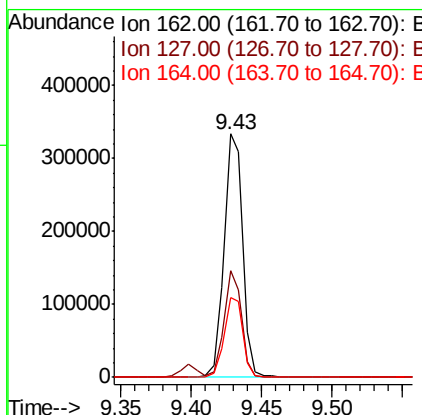
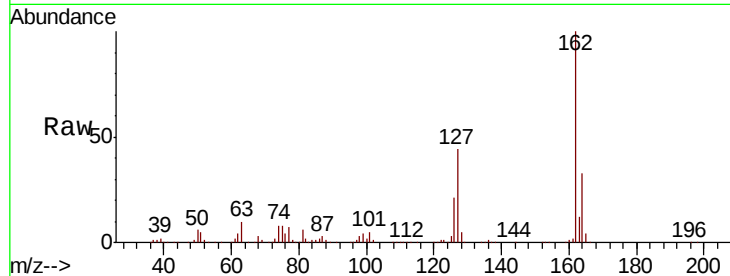




#47
 2-Chloronaphthalene
 Concen: 47.147 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

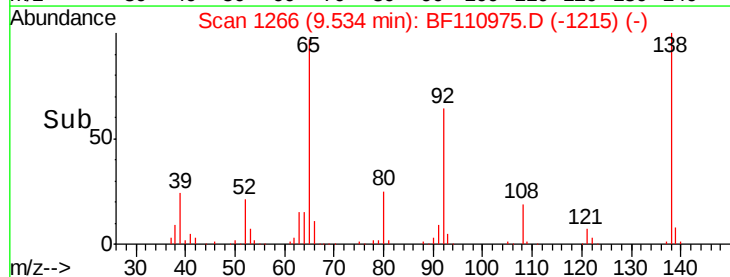
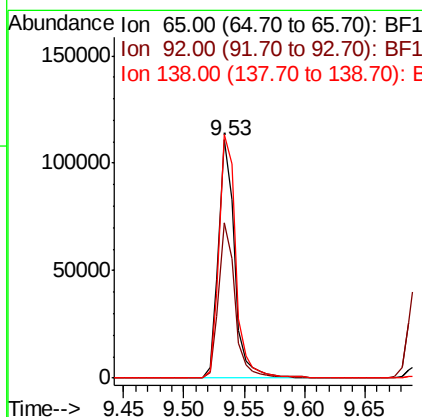
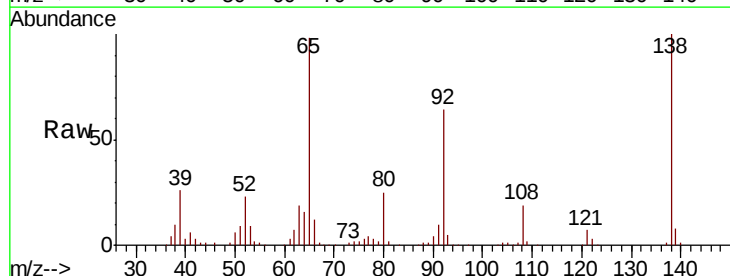
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

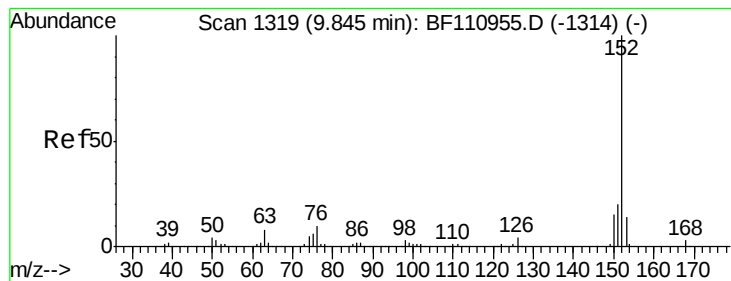
Tgt Ion:	162	Resp:	303737
Ion	Ratio	Lower	Upper
162	100		
127	43.7	32.6	48.8
164	32.6	25.9	38.9



#48
 2-Nitroaniline
 Concen: 51.063 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion:	65	Resp:	102894
Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.6	81.8
138	102.3	80.3	120.5





#49

Acenaphthylene

Concen: 49.240 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

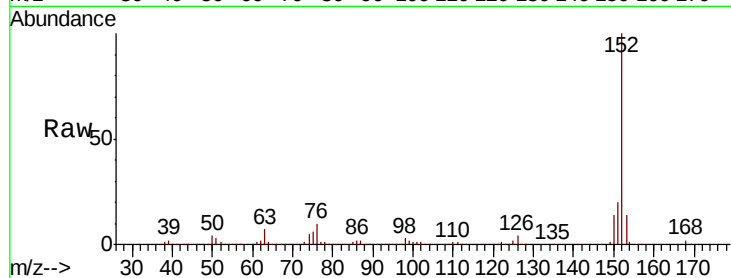
Tgt Ion:152 Resp: 451074

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

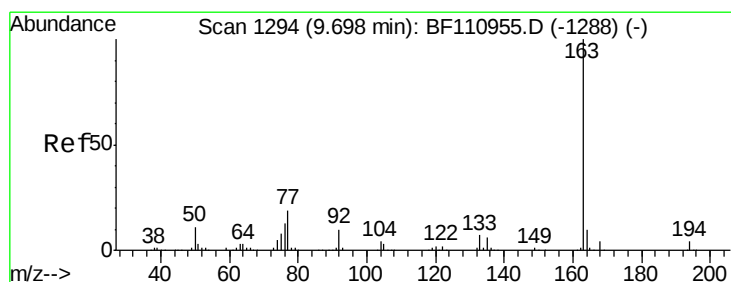
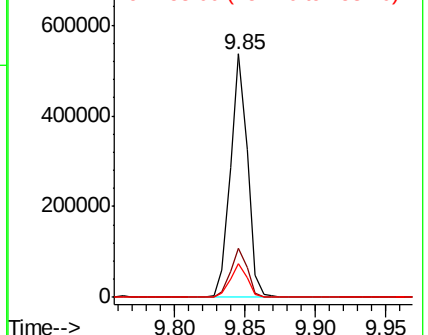
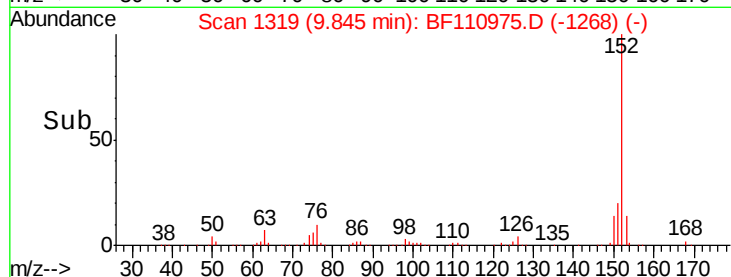
153 13.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 62.467 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

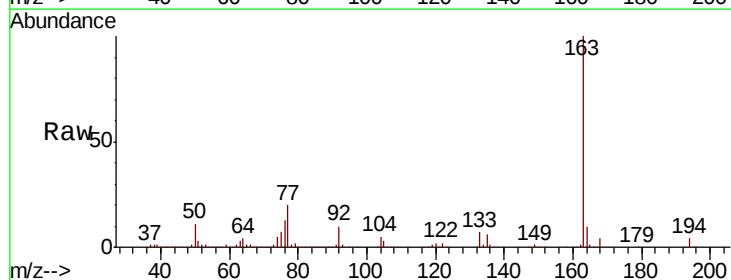
Tgt Ion:163 Resp: 441528

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

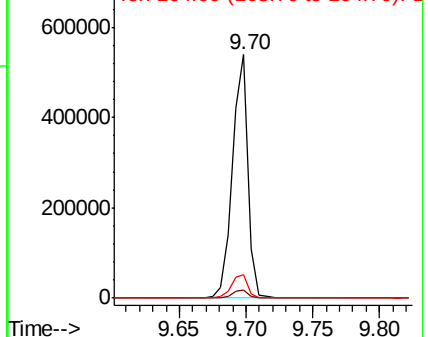
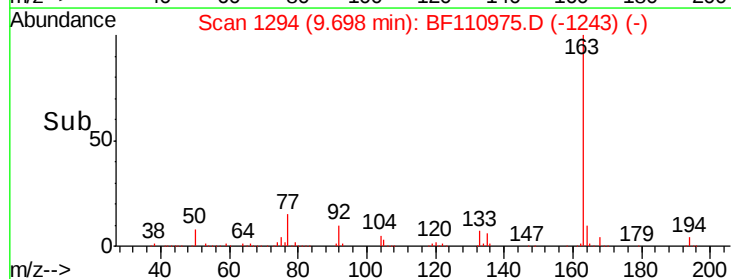
164 9.9 8.1 12.1

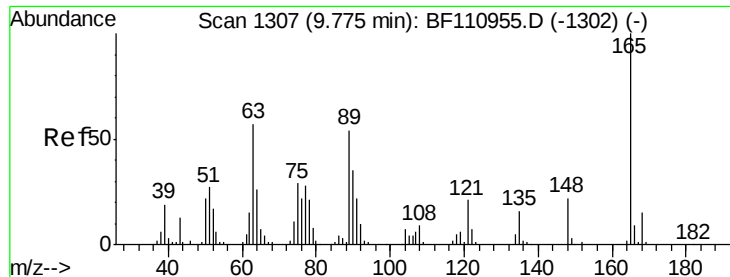


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.335 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

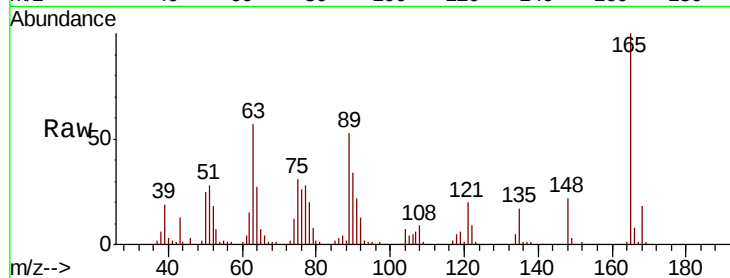
Tgt Ion:165 Resp: 69762

Ion Ratio Lower Upper

165 100

63 57.2 48.9 73.3

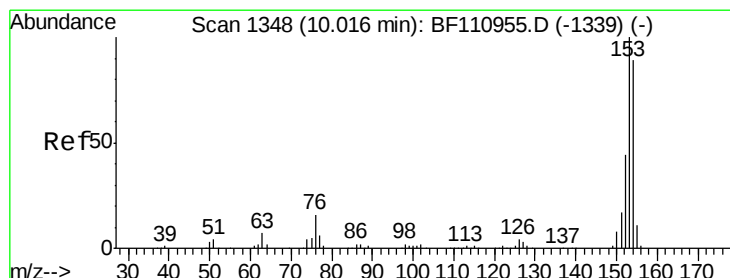
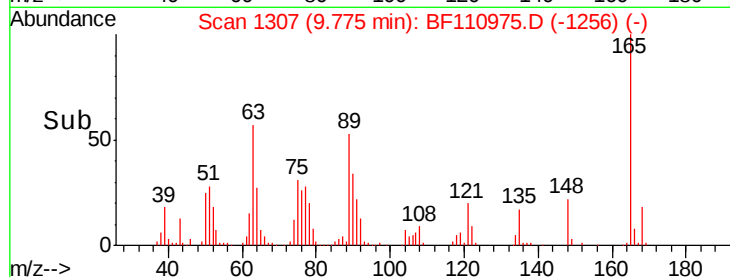
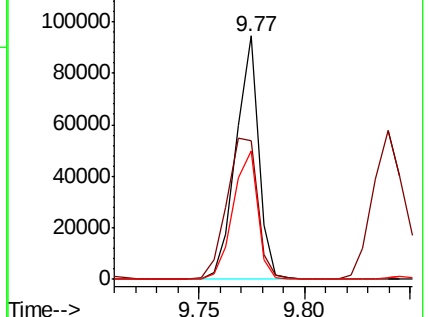
89 52.6 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.248 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

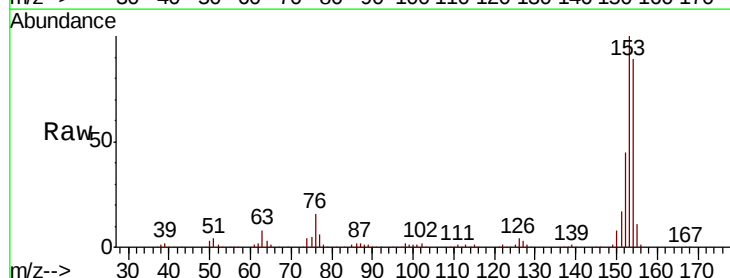
Tgt Ion:154 Resp: 271599

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

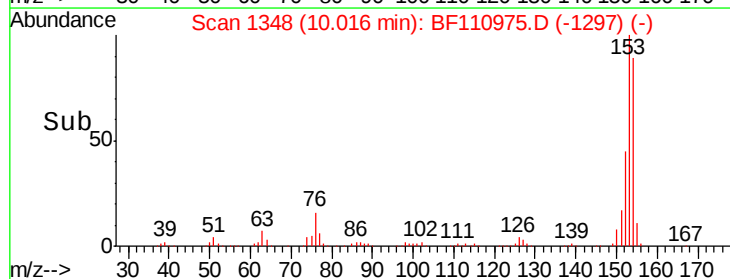
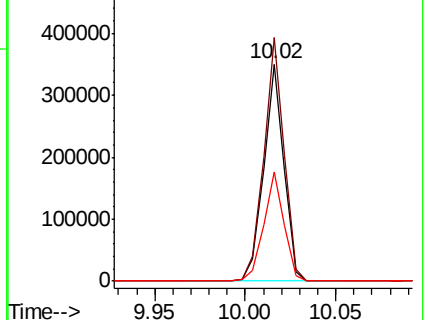
152 50.7 43.4 65.2

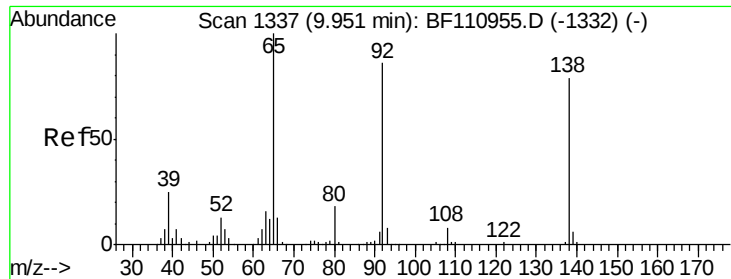


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

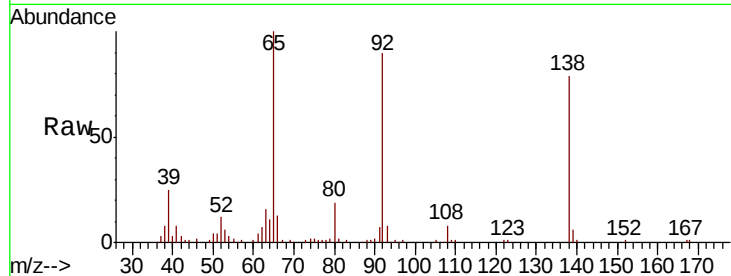




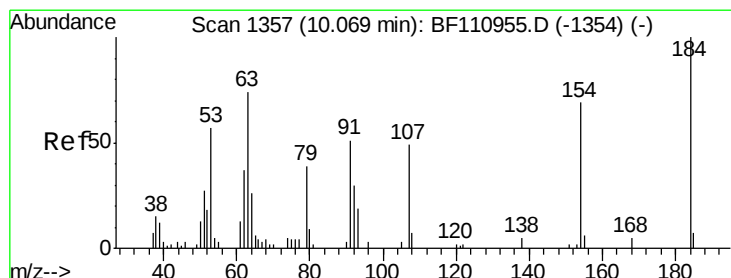
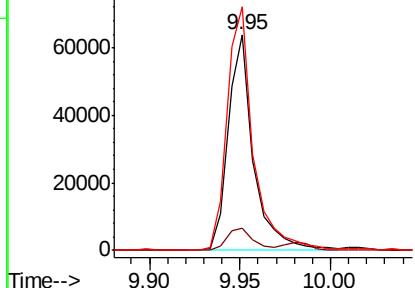
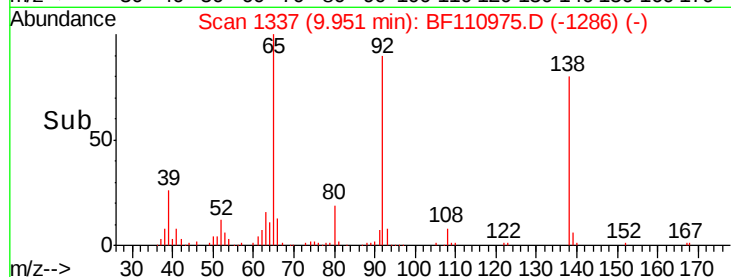
#53
3-Nitroaniline
Concen: 33.832 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:138 Resp: 62046
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 113.0 97.0 145.4

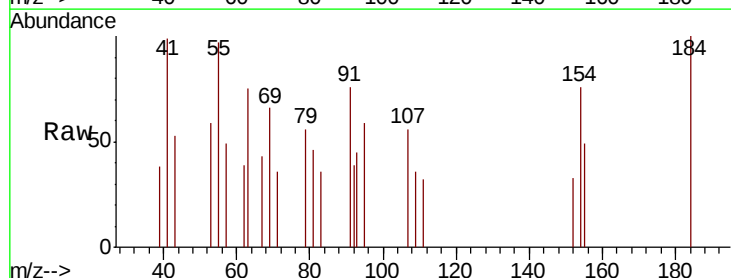


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

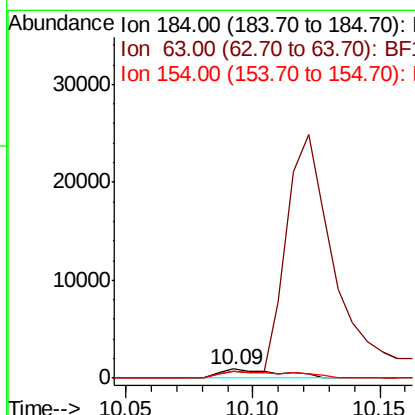
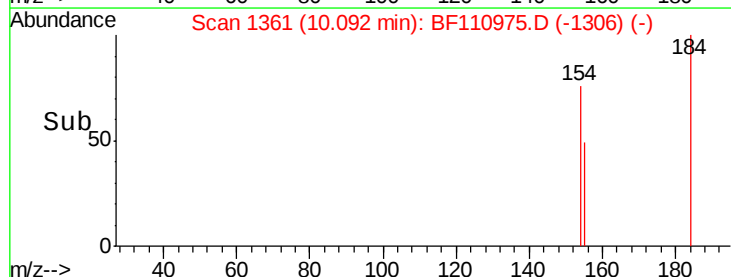


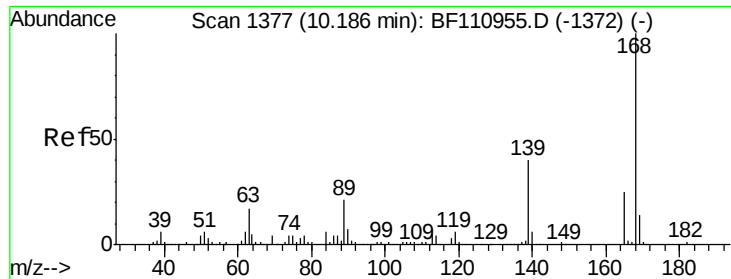
#54
2,4-Dinitrophenol
Concen: 6.210 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion:184 Resp: 1453
Ion Ratio Lower Upper
184 100
63 75.3 55.8 83.6
154 75.8 63.2 94.8



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

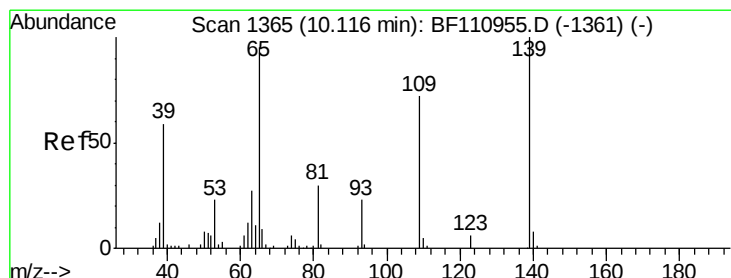
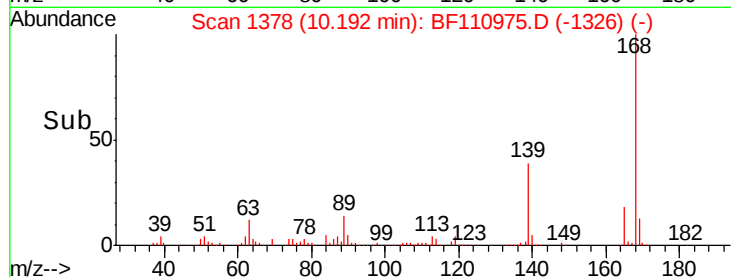
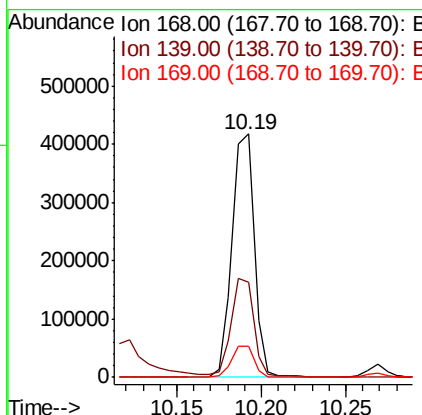
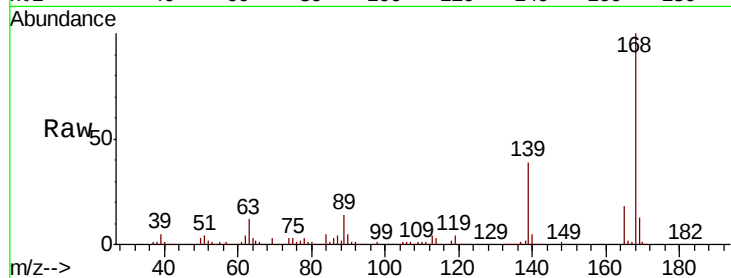




#55
Dibenzenofuran
Concen: 44.689 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

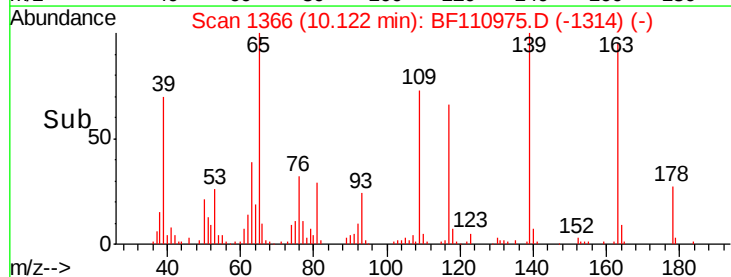
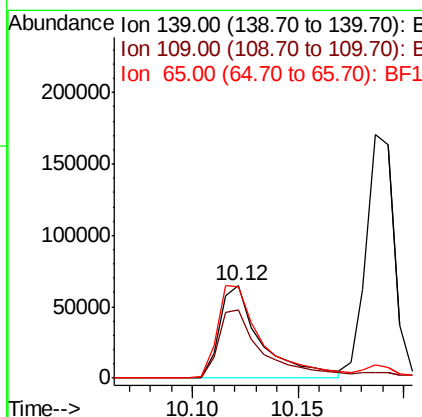
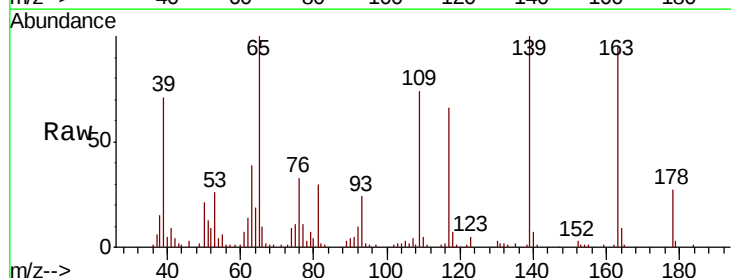
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

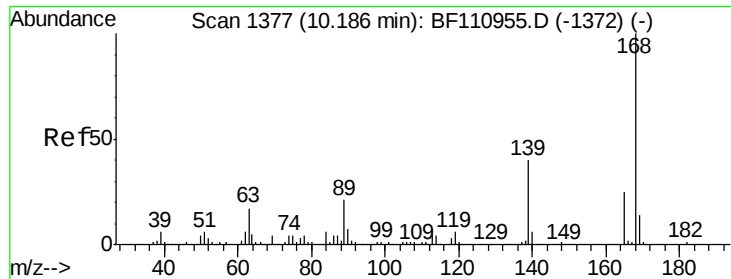
Tgt Ion:168 Resp: 382875
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 12.8 11.3 16.9



#56
4-Nitrophenol
Concen: 86.338 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion:139 Resp: 88384
Ion Ratio Lower Upper
139 100
109 74.1 55.8 95.8
65 99.9 77.9 117.9

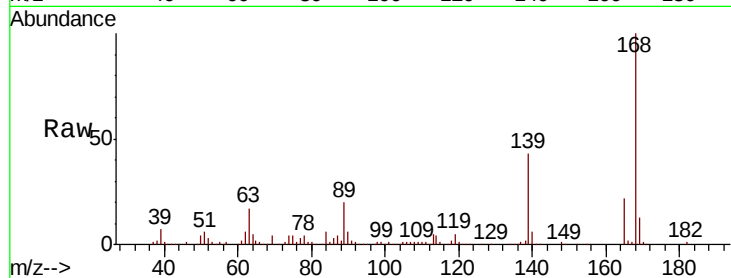




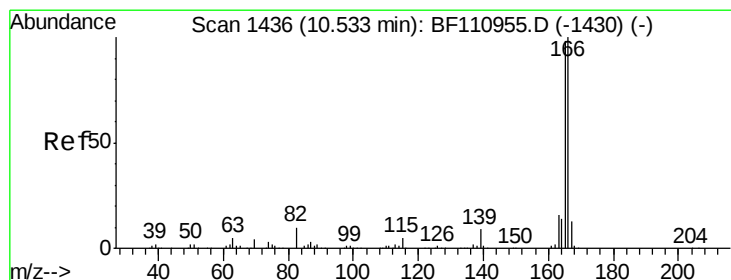
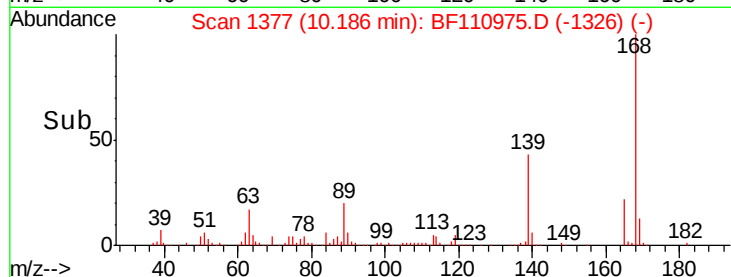
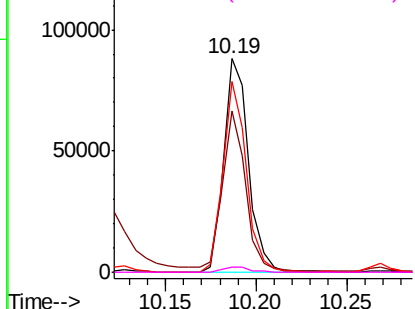
#57
2,4-Dinitrotoluene
Concen: 40.809 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:165 Resp: 83312
Ion Ratio Lower Upper
165 100
63 75.3 44.8 67.2#
89 89.1 62.2 93.4
182 2.4 2.1 3.1

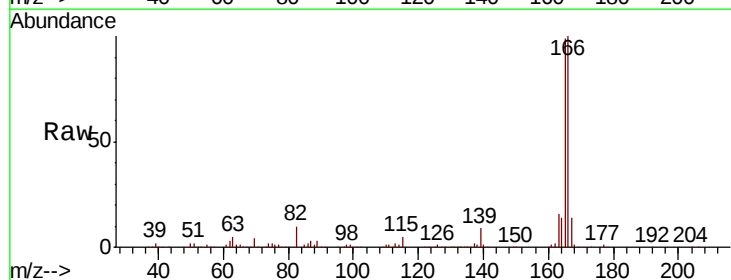


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

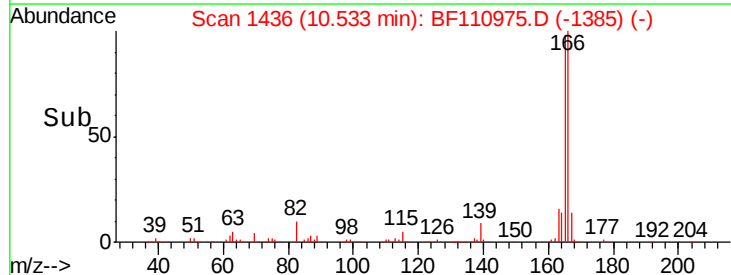
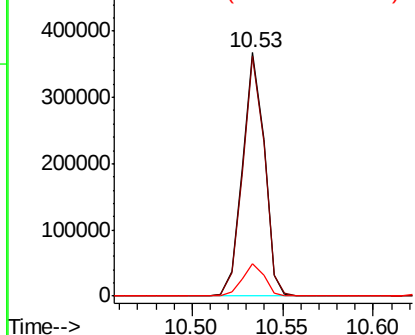


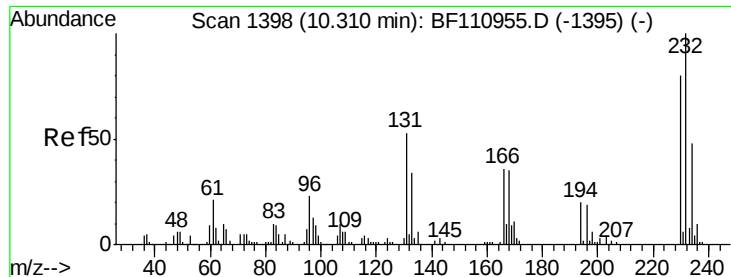
#58
Fluorene
Concen: 46.292 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion:166 Resp: 308575
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 13.6 10.8 16.2



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

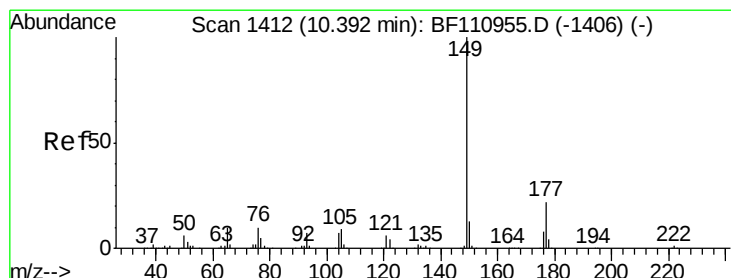
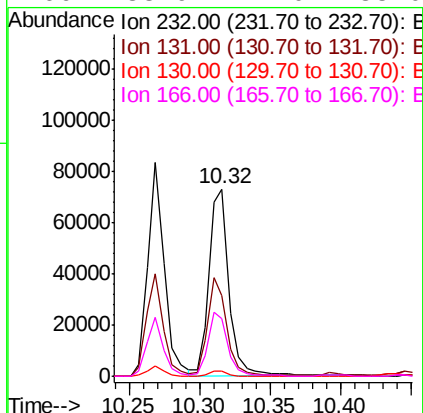
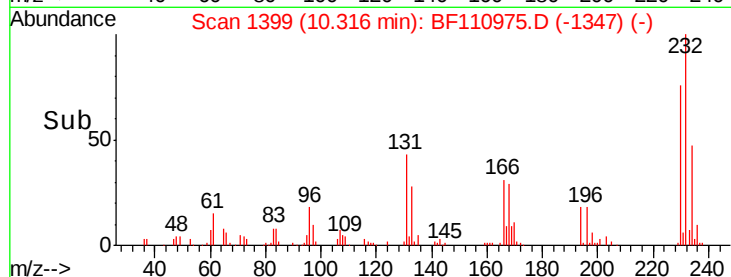
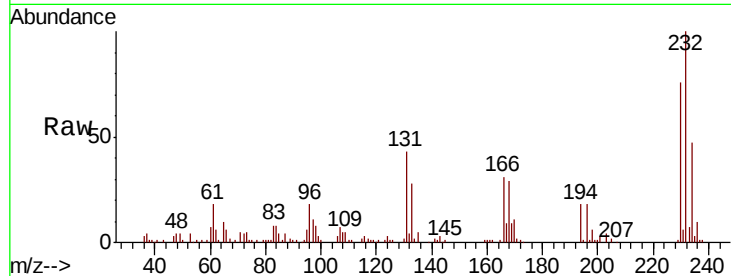




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.729 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

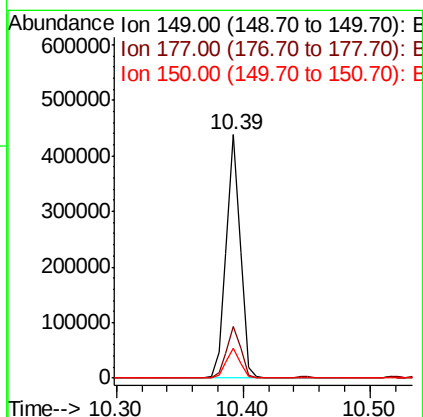
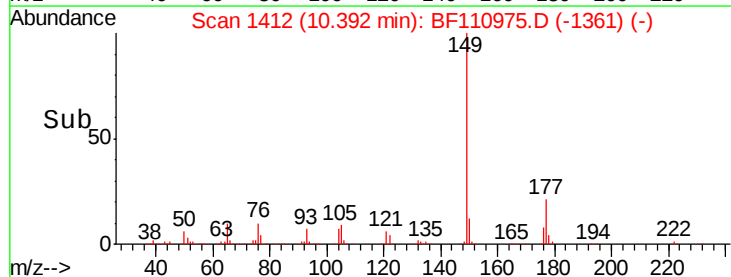
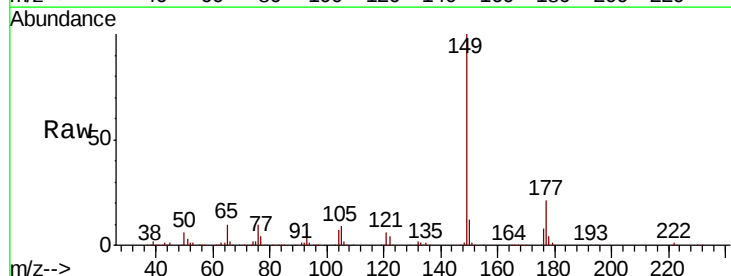
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

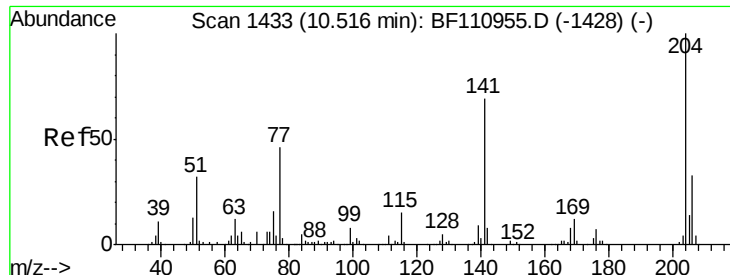
Tgt Ion: 232 Resp: 71552
 Ion Ratio Lower Upper
 232 100
 131 50.1 37.0 55.4
 130 2.5 1.8 2.6
 166 33.9 22.0 33.0#



#60
 Diethylphthalate
 Concen: 46.806 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion: 149 Resp: 341162
 Ion Ratio Lower Upper
 149 100
 177 21.1 17.4 26.2
 150 12.3 9.8 14.8

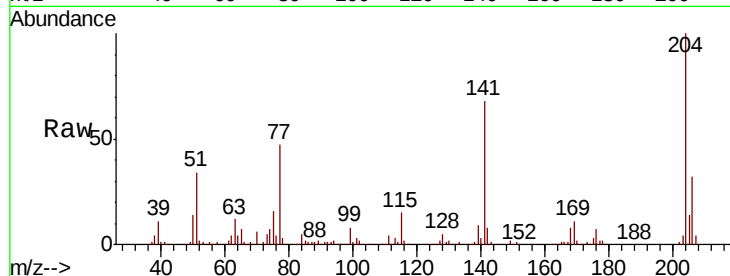




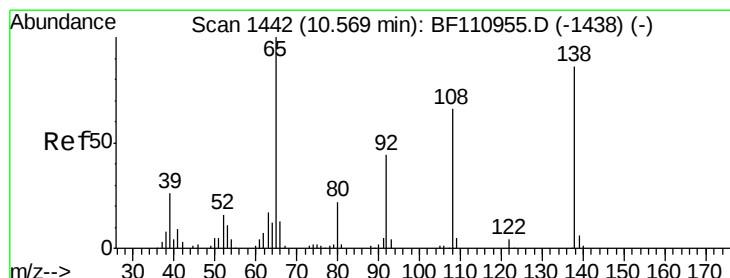
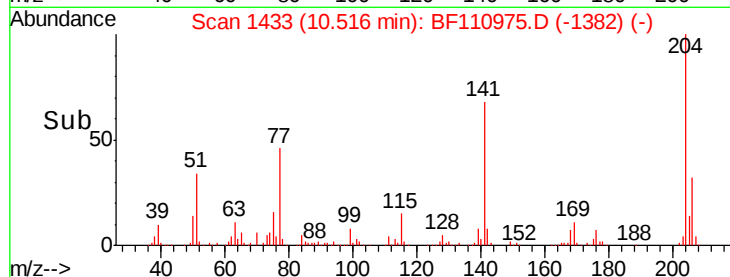
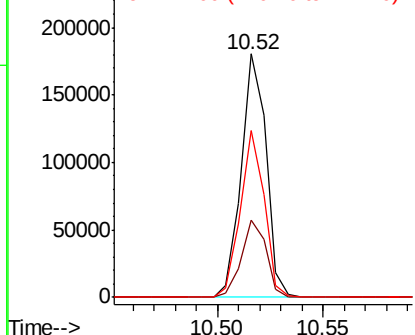
#61
4-Chlorophenyl-phenylether
Concen: 42.053 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion: 204 Resp: 146619
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 68.5 51.8 77.8

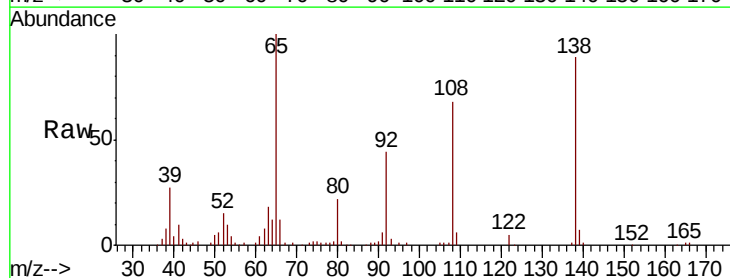


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

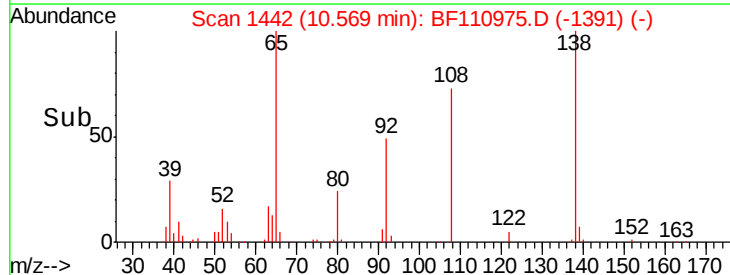
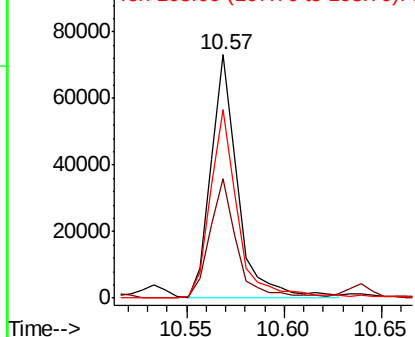


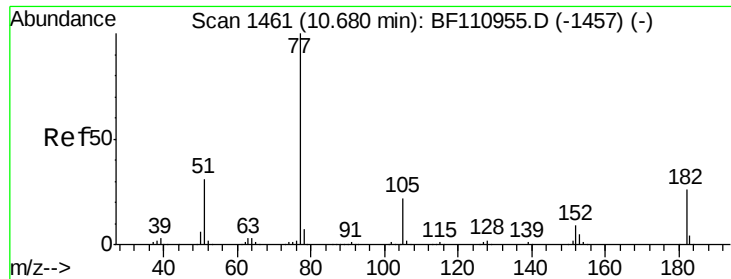
#62
4-Nitroaniline
Concen: 41.102 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion: 138 Resp: 70184
Ion Ratio Lower Upper
138 100
92 49.3 31.7 71.7
108 77.4 59.3 99.3



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

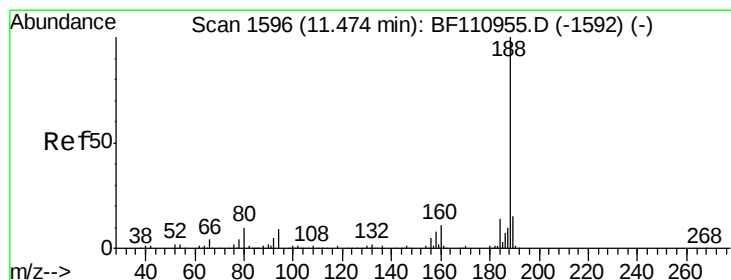
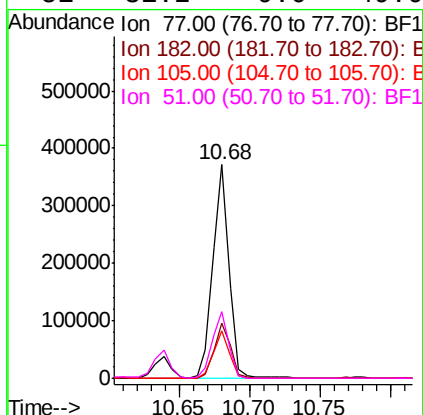
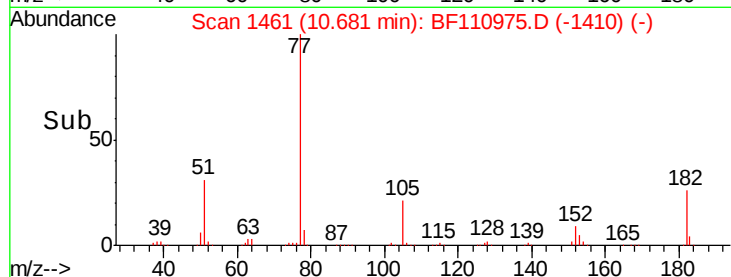
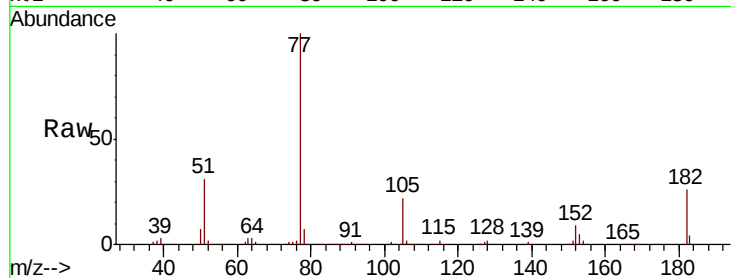




#63
Azobenzene
Concen: 41.375 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

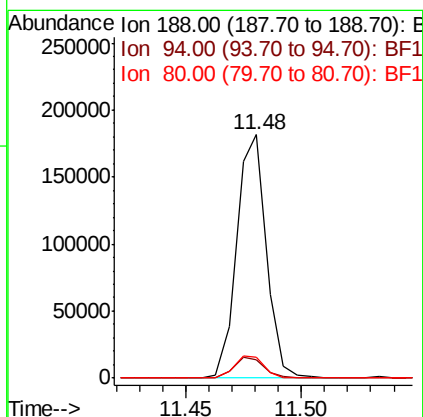
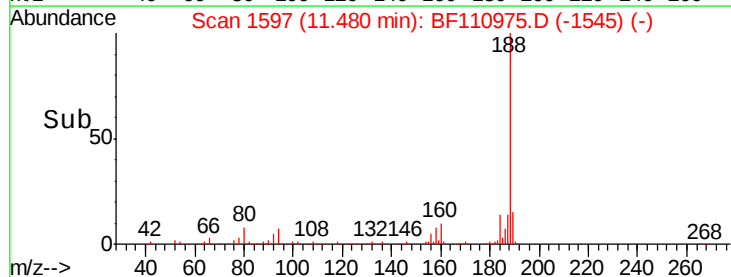
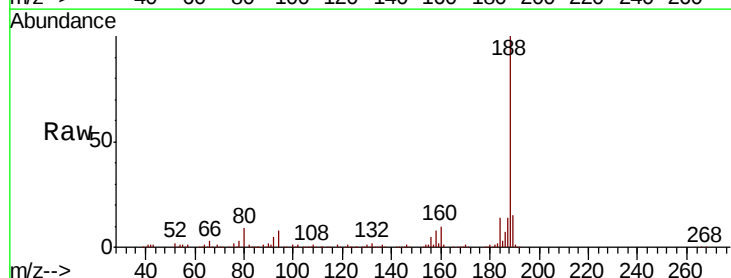
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

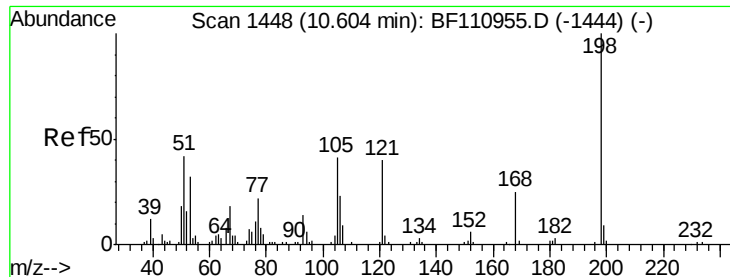
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.3	44.3
105	21.9	1.3	41.3
51	31.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	8.6	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 4.402 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

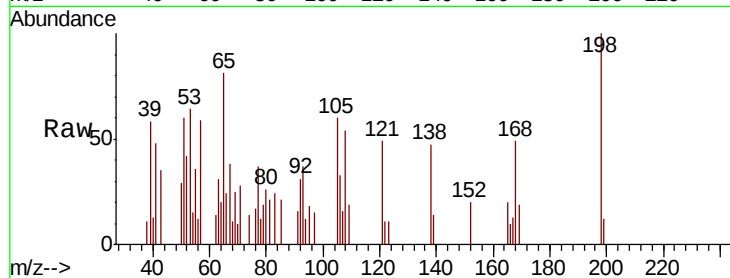
Tgt Ion:198 Resp: 3372

Ion Ratio Lower Upper

198 100

51 60.4 22.8 62.8

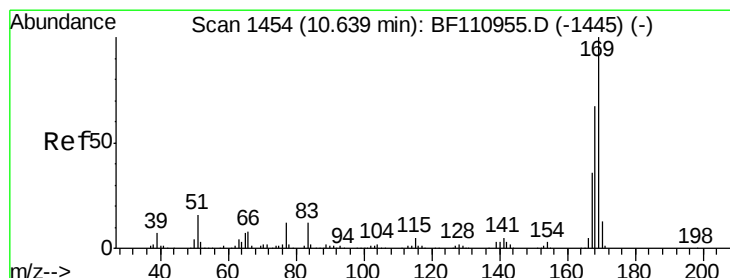
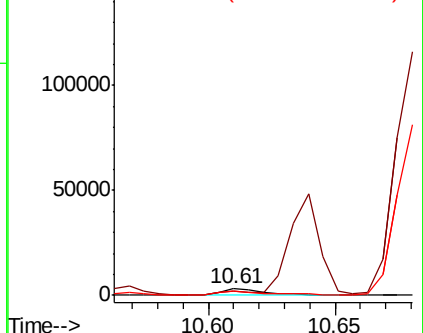
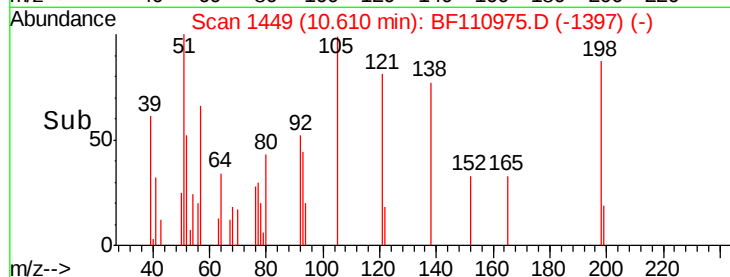
105 59.6 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.734 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

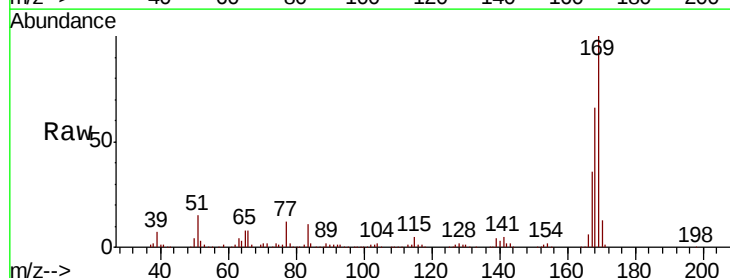
Tgt Ion:169 Resp: 262737

Ion Ratio Lower Upper

169 100

168 66.2 51.2 76.8

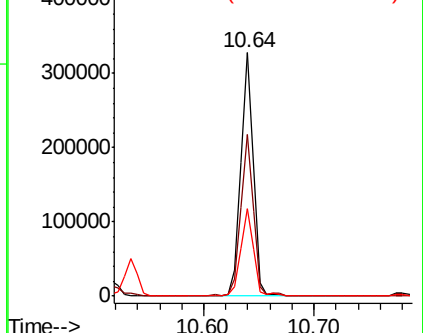
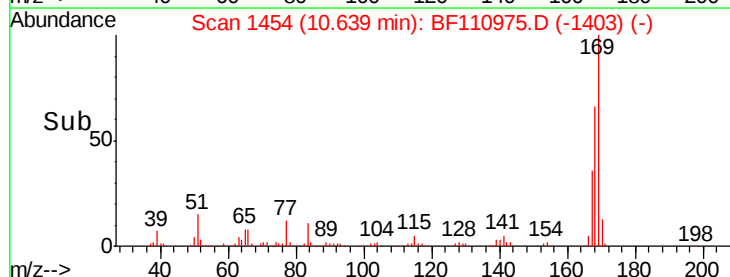
167 35.8 27.8 41.6

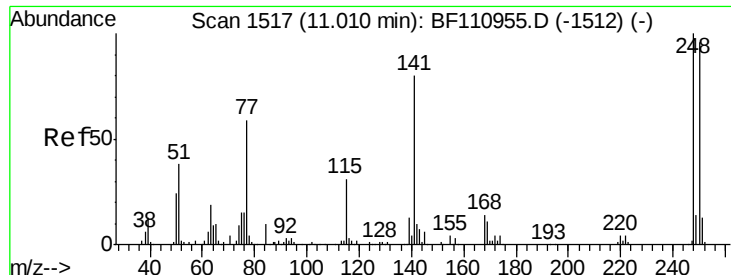


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

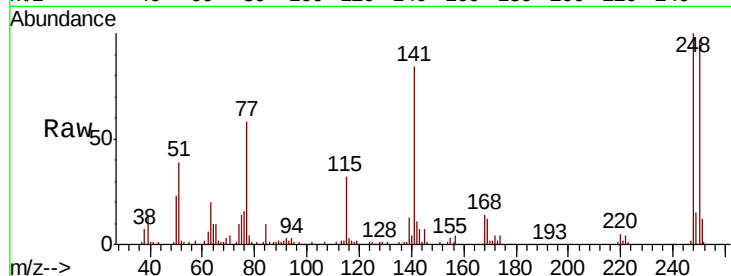




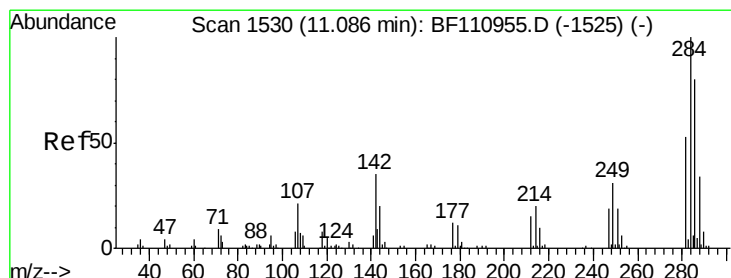
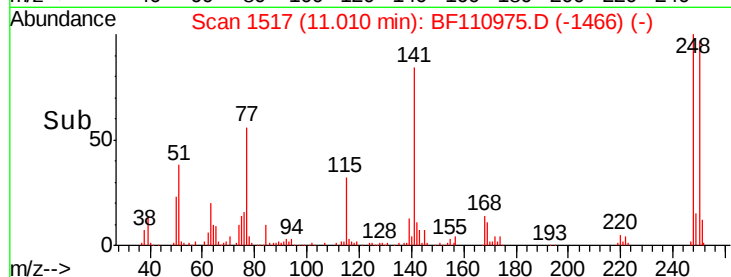
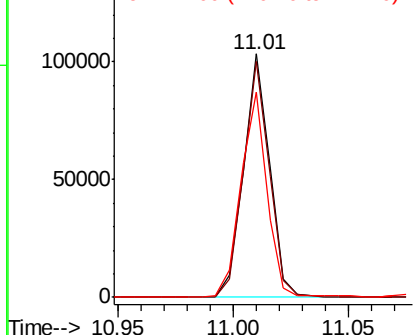
#67
 4-Bromophenyl-phenylether
 Concen: 46.310 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Instrument :
 BNA_F
 ClientSampled :
 COMP-3MSD

Tgt Ion:248 Resp: 81680
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 84.0 55.9 83.9#

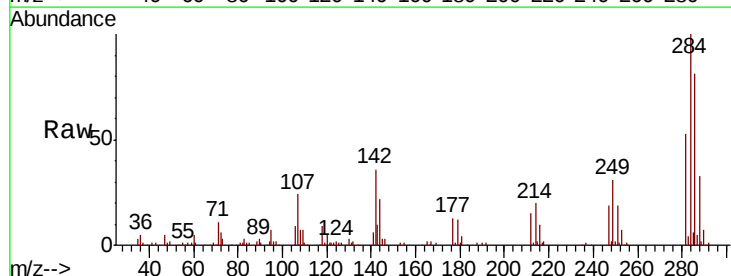


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

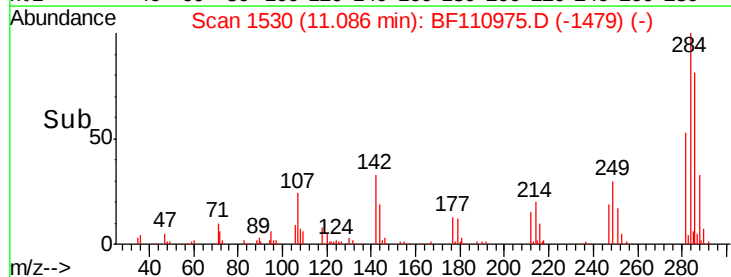
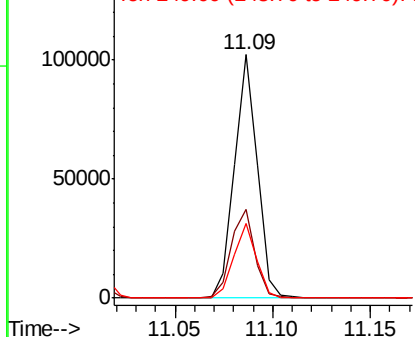


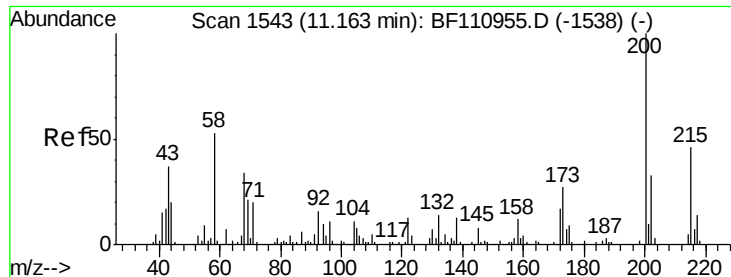
#68
 Hexachlorobenzene
 Concen: 44.177 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion:284 Resp: 82994
 Ion Ratio Lower Upper
 284 100
 142 36.3 23.9 35.9#
 249 30.8 24.2 36.2



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





#69

Atrazine

Concen: Below Cal

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

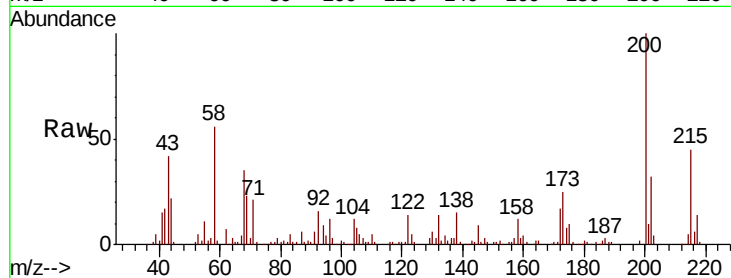
Tgt Ion:200 Resp: 80134

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

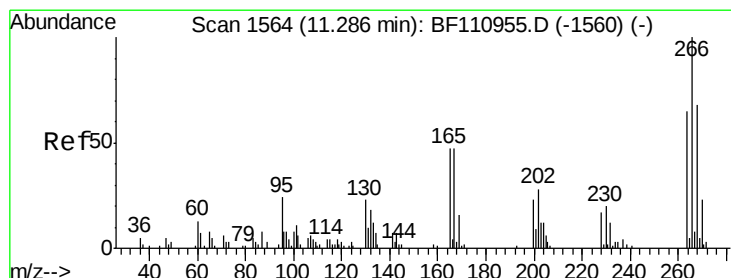
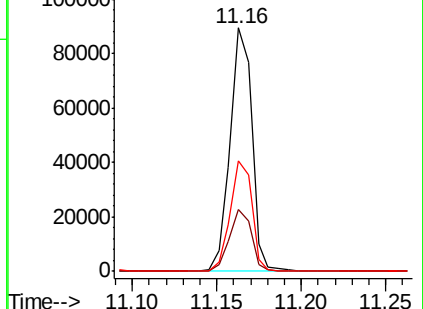
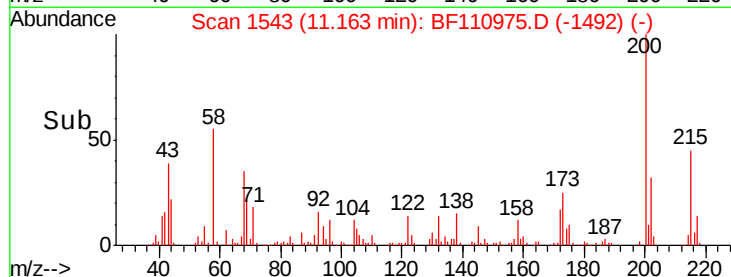
215 45.4 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.099 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

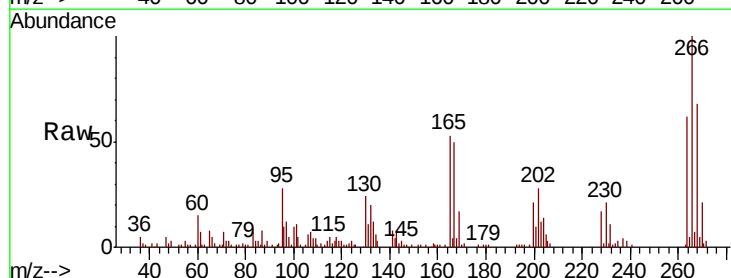
Tgt Ion:266 Resp: 71080

Ion Ratio Lower Upper

266 100

268 68.4 50.6 75.8

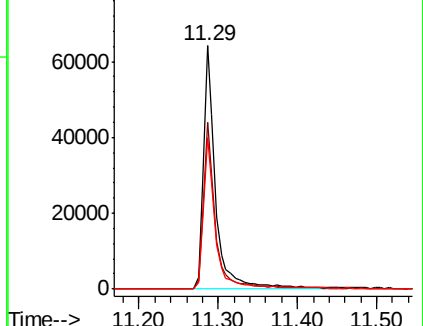
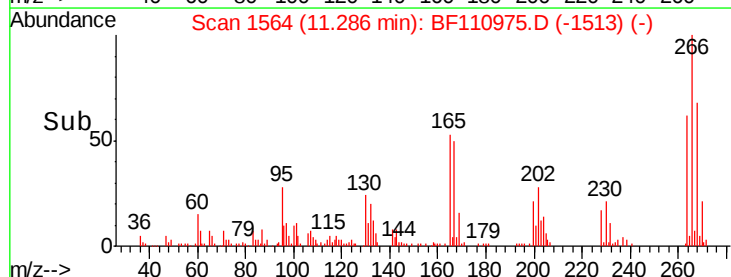
264 62.3 50.6 75.8

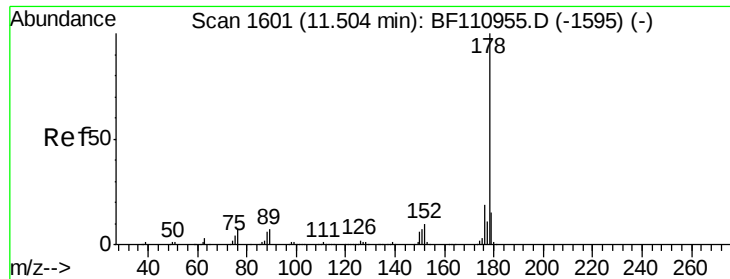


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

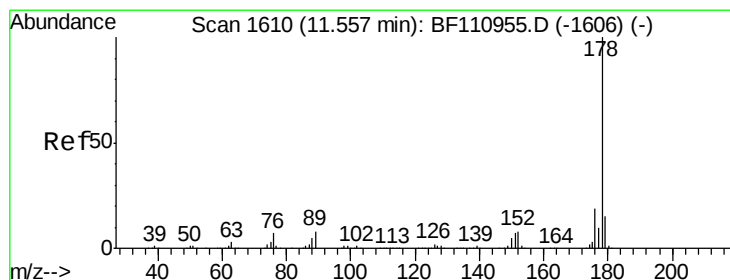
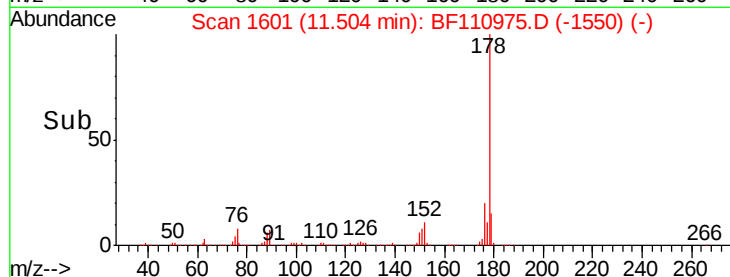
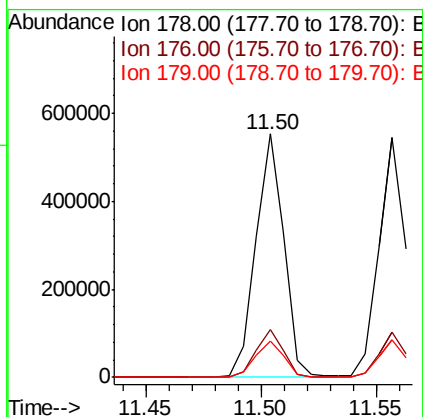
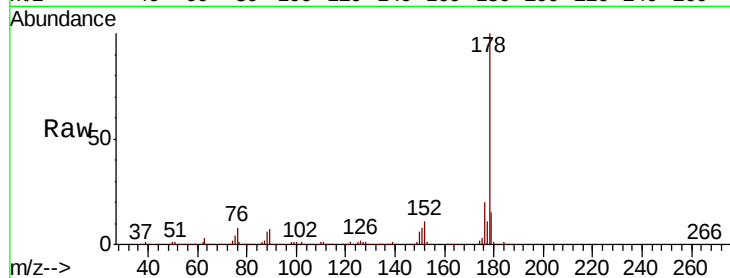




#71
 Phenanthrene
 Concen: 54.955 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

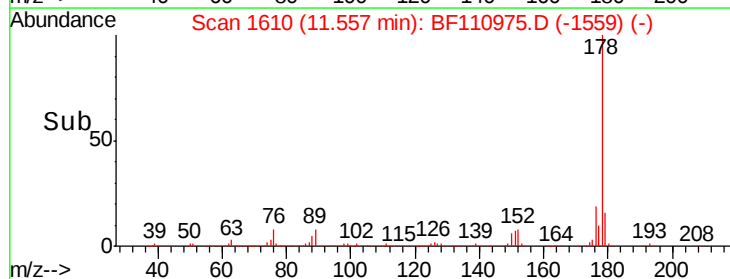
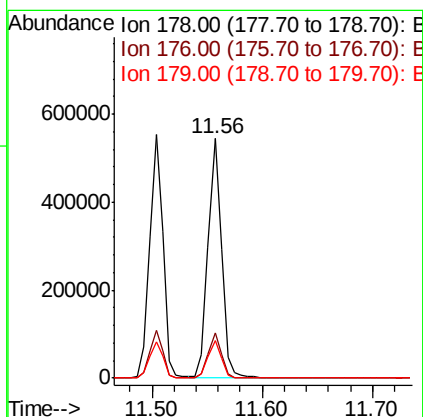
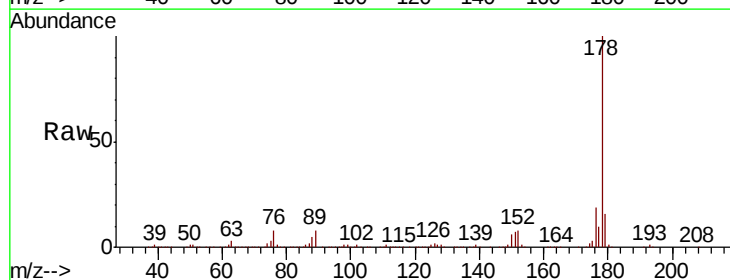
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

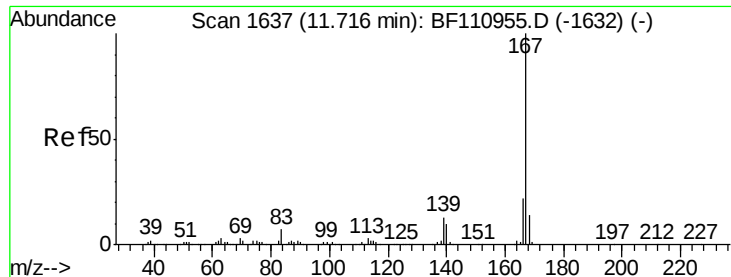
Tgt Ion:178 Resp: 471371
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.1 12.5 18.7



#72
 Anthracene
 Concen: 51.217 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF110975.D
 Acq: 26 Nov 2018 20:33

Tgt Ion:178 Resp: 447390
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 18.8





#73

Carbazole

Concen: 44.887 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

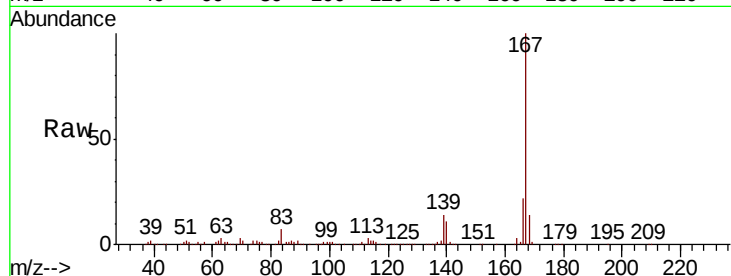
Tgt Ion:167 Resp: 380573

Ion Ratio Lower Upper

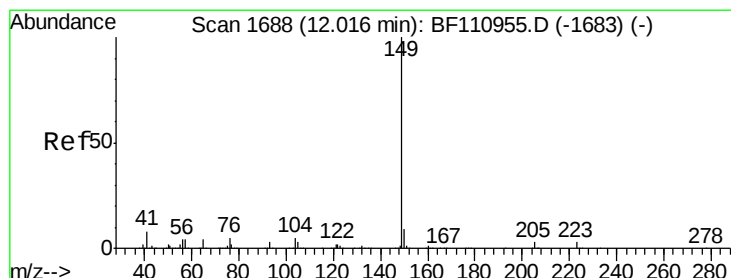
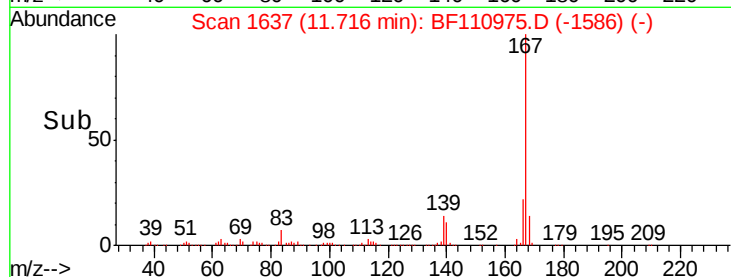
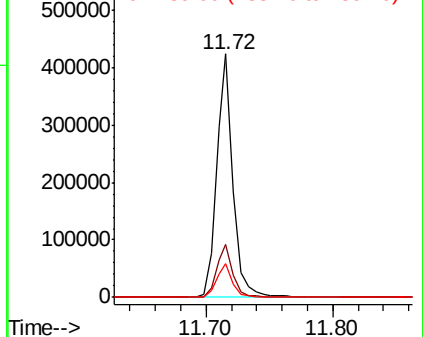
167 100

166 21.8 17.4 26.0

139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.529 ng

RT: 12.02 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

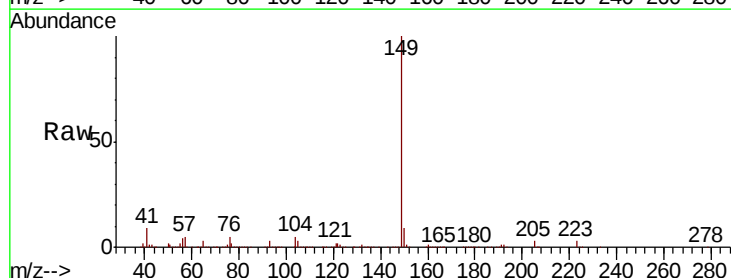
Tgt Ion:149 Resp: 481069

Ion Ratio Lower Upper

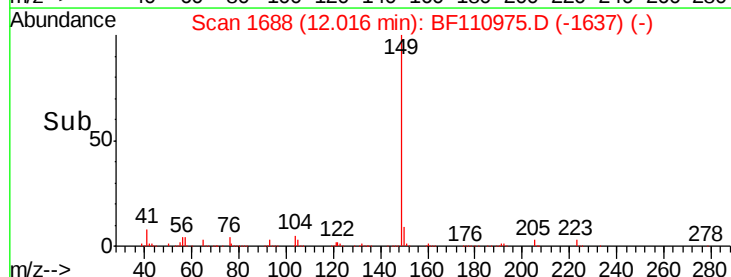
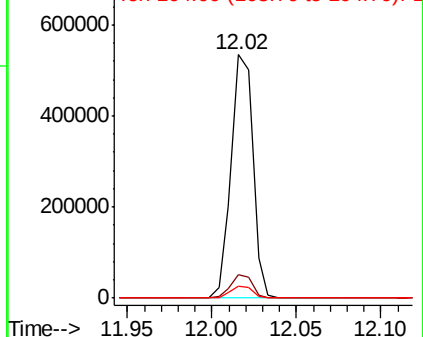
149 100

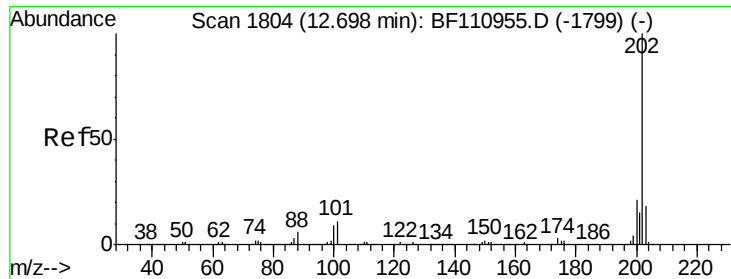
150 9.5 7.7 11.5

104 5.2 4.2 6.4



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





#75

Fluoranthene

Concen: 61.966 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

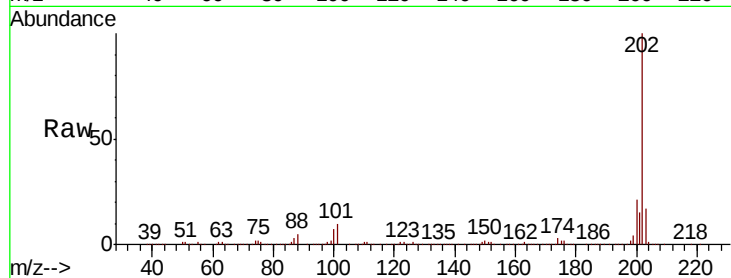
Tgt Ion:202 Resp: 546279

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.4

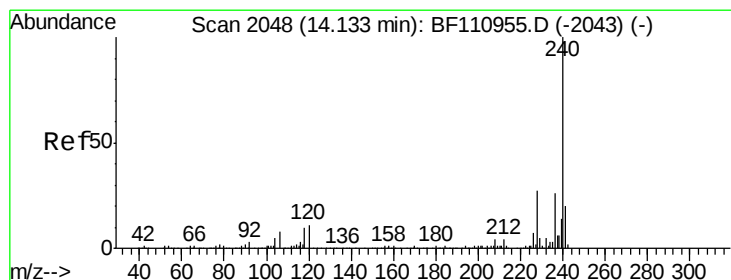
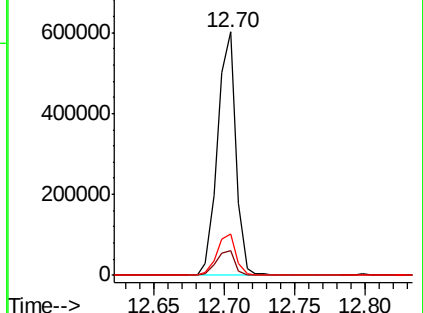
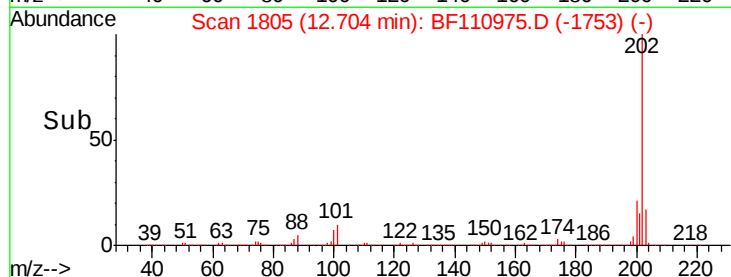
203 17.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

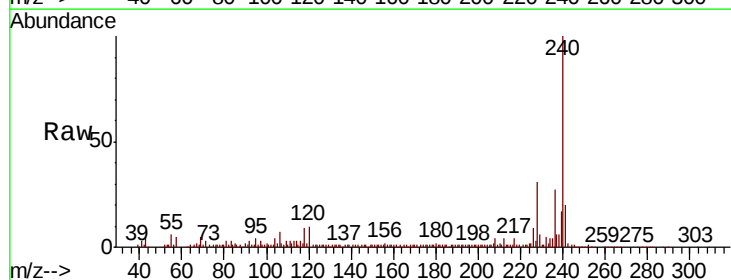
Tgt Ion:240 Resp: 105471

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

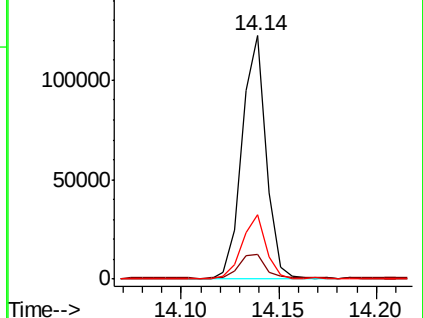
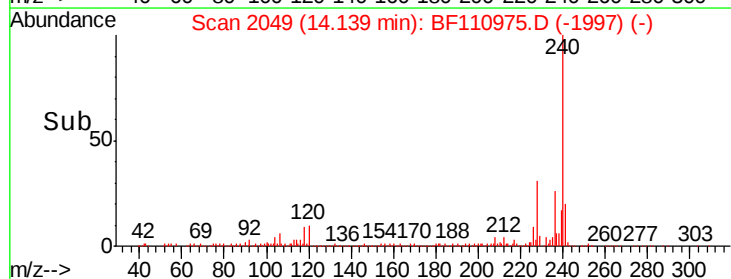
236 26.7 21.2 31.8

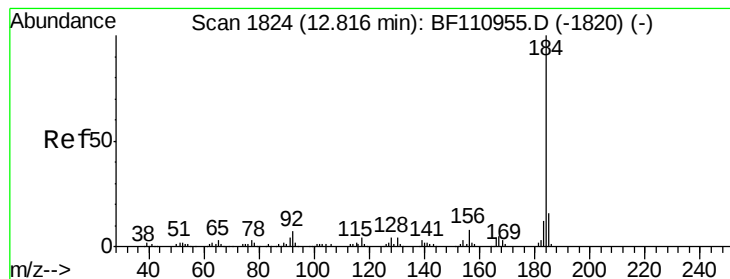


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.513 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

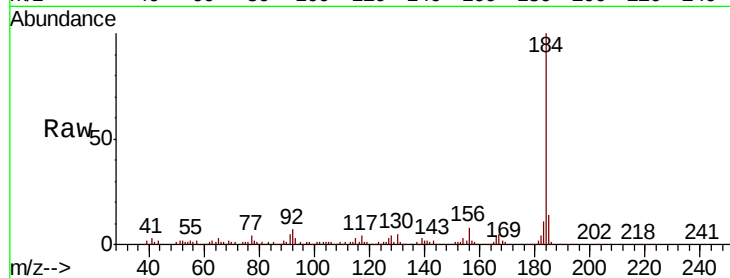
Tgt Ion:184 Resp: 165946

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.2

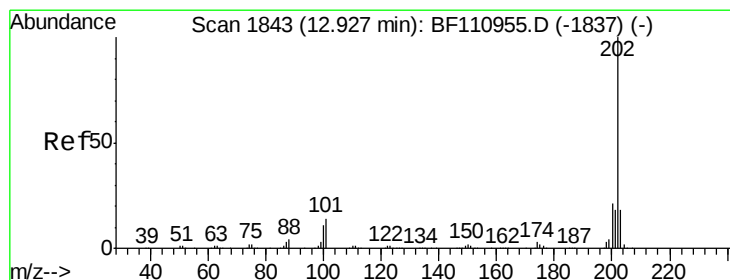
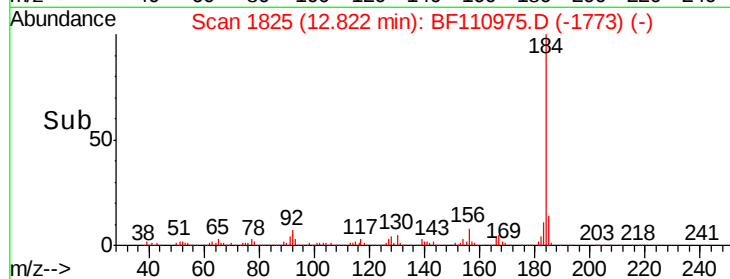
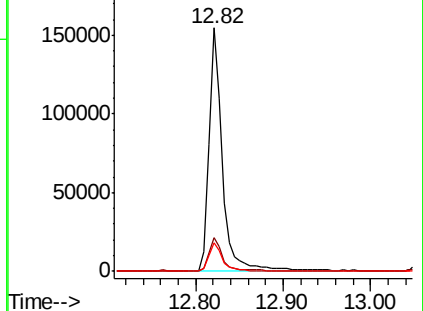
183 11.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 69.014 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

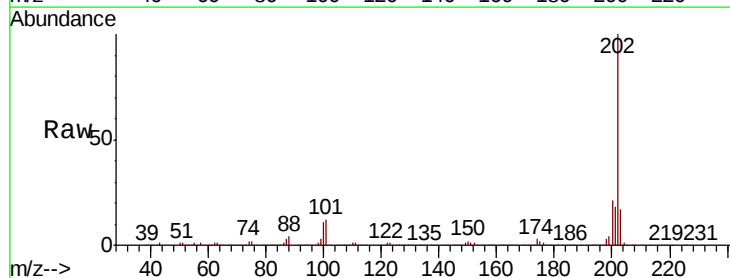
Tgt Ion:202 Resp: 531638

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

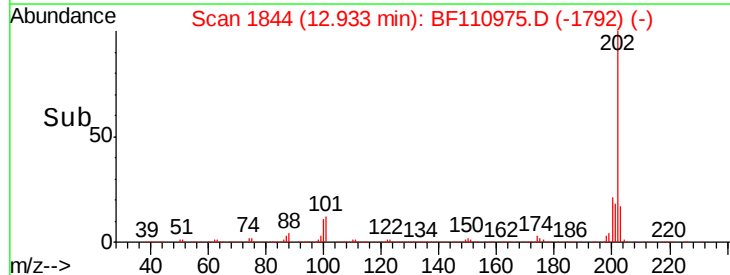
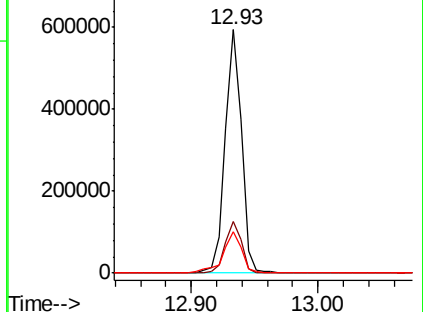
203 17.1 14.2 21.4

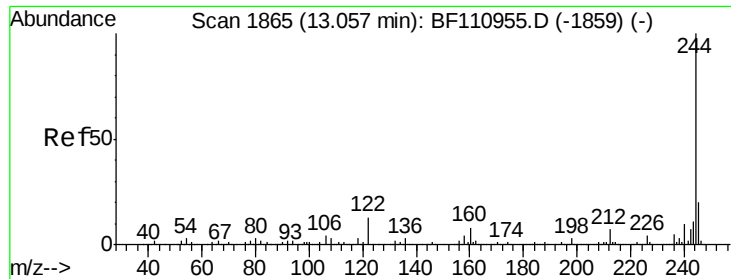


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.874 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

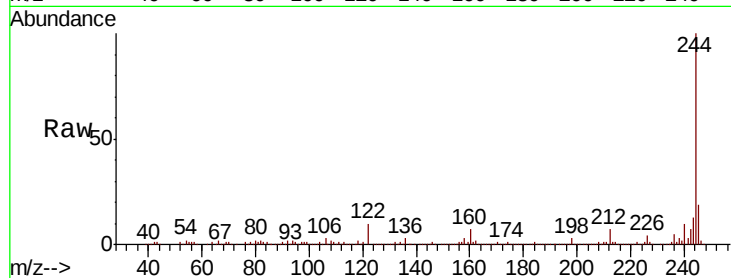
Tgt Ion:244 Resp: 524873

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

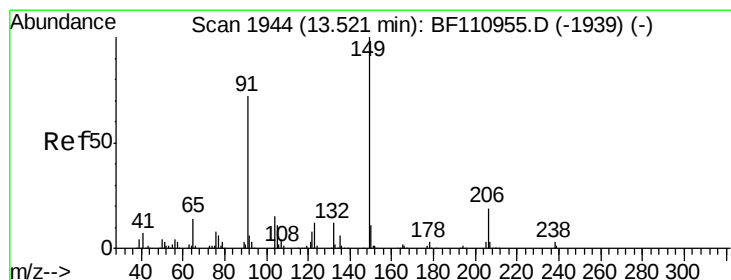
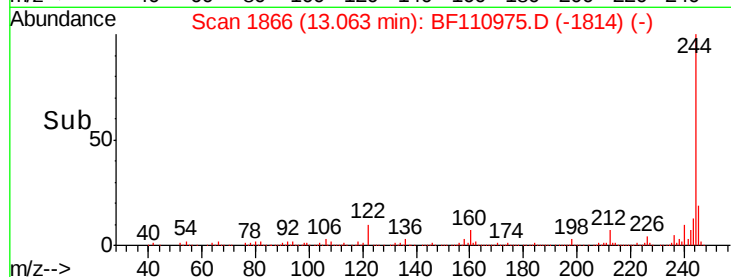
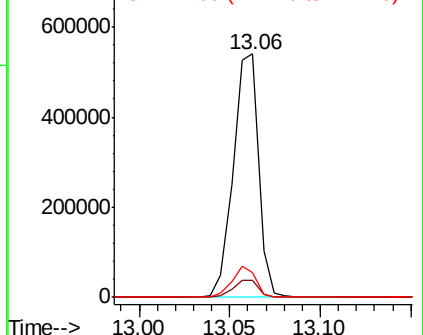
122 10.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.067 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

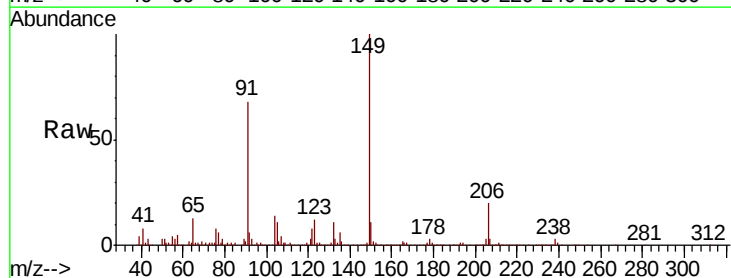
Tgt Ion:149 Resp: 191518

Ion Ratio Lower Upper

149 100

91 67.8 57.2 85.8

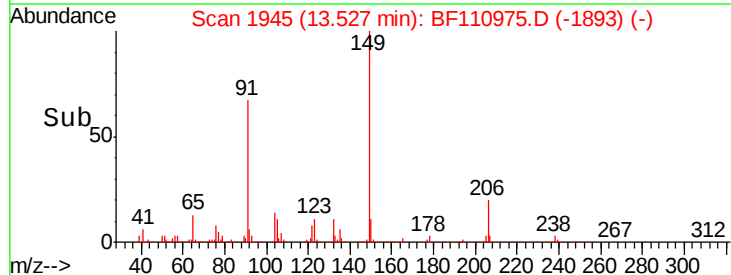
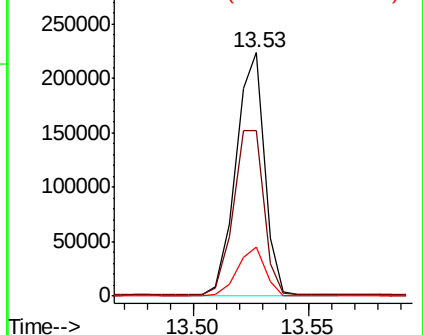
206 20.4 15.7 23.5

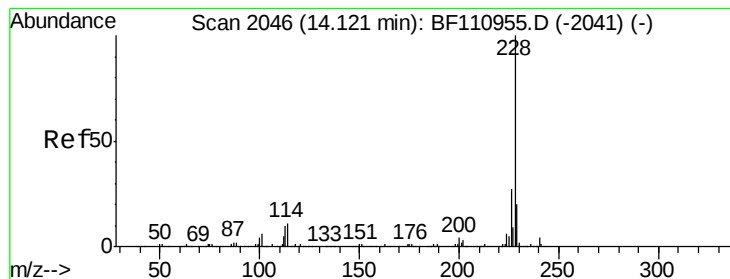


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.950 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

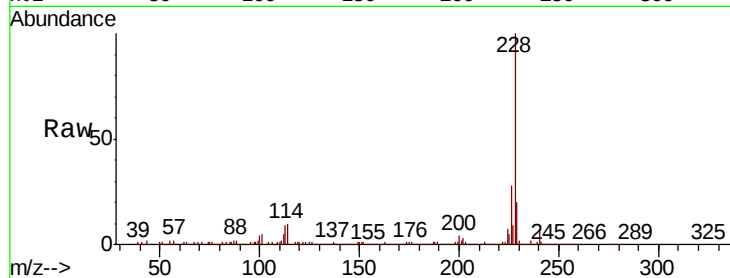
Tgt Ion:228 Resp: 348391

Ion Ratio Lower Upper

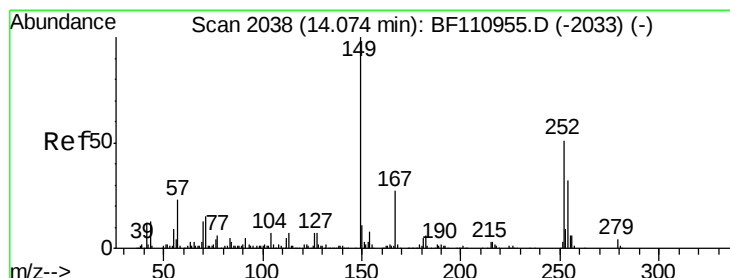
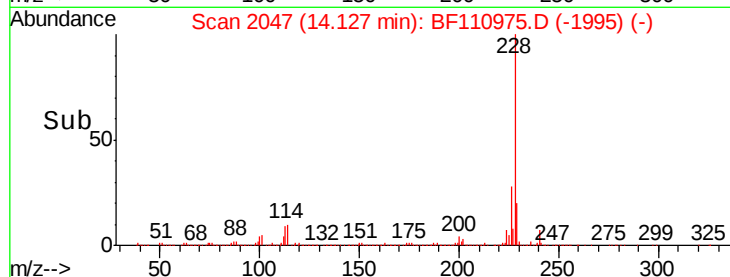
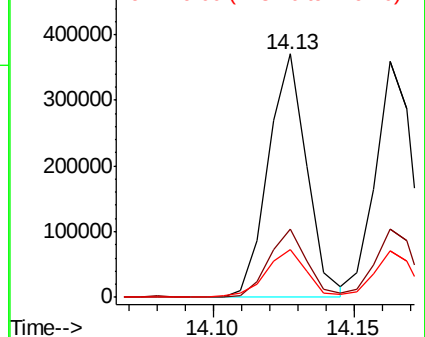
228 100

226 27.9 22.1 33.1

229 19.8 15.6 23.4



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



#82

3,3'-Dichlorobenzidine

Concen: 36.756 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

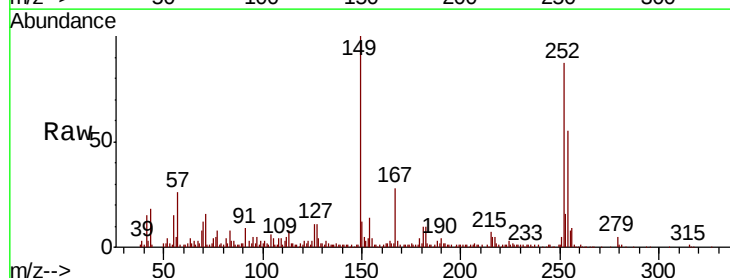
Tgt Ion:252 Resp: 78479

Ion Ratio Lower Upper

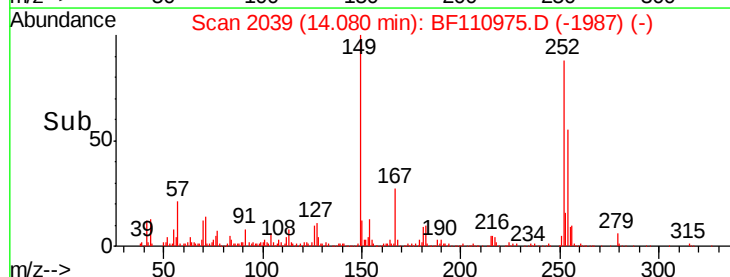
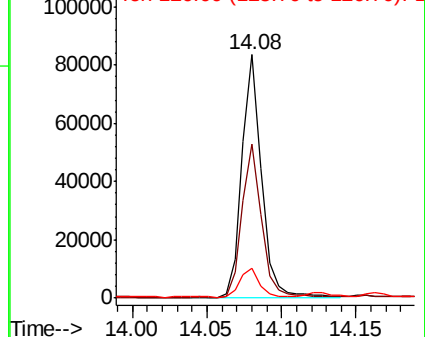
252 100

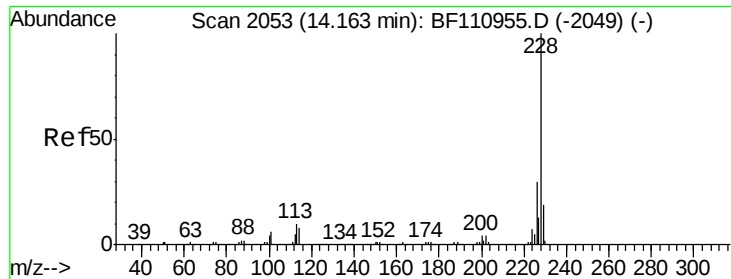
254 63.0 51.3 76.9

126 12.3 9.4 14.2



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





#83

Chrysene

Concen: 52.079 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

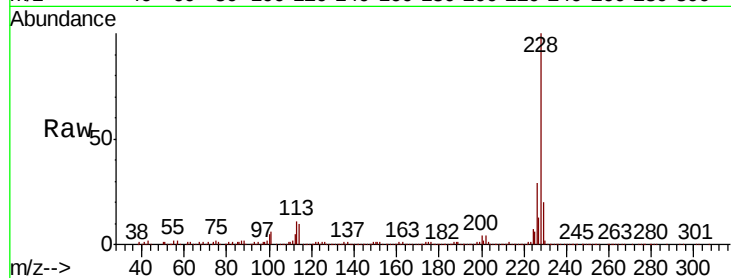
Tgt Ion:228 Resp: 319235

Ion Ratio Lower Upper

228 100

226 28.9 24.7 37.1

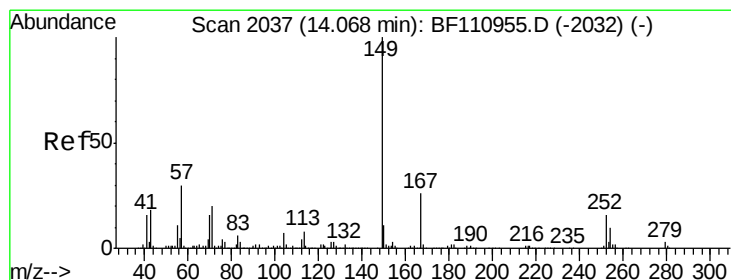
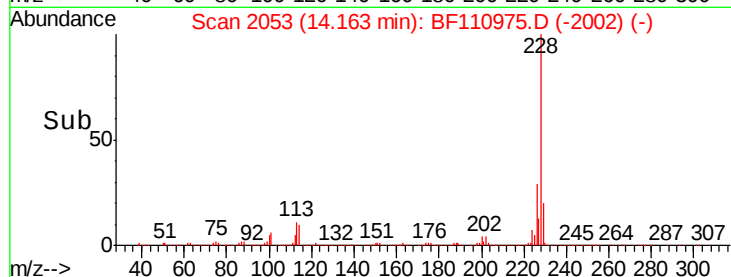
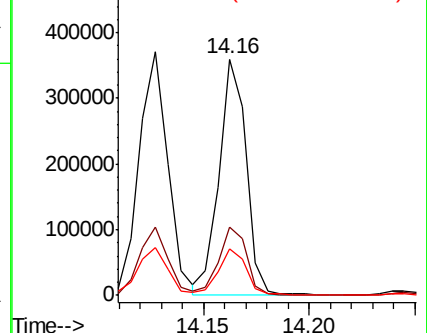
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.505 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

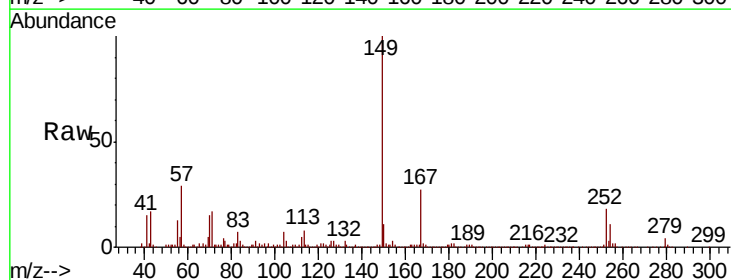
Tgt Ion:149 Resp: 252590

Ion Ratio Lower Upper

149 100

167 26.9 19.8 29.8

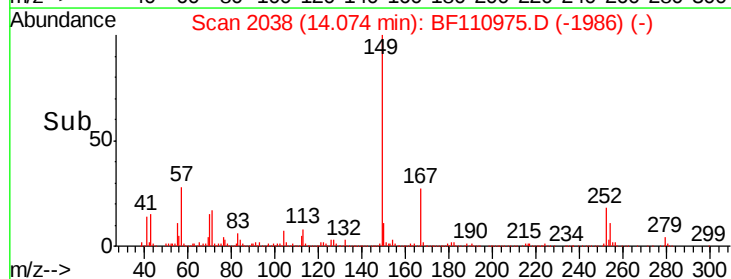
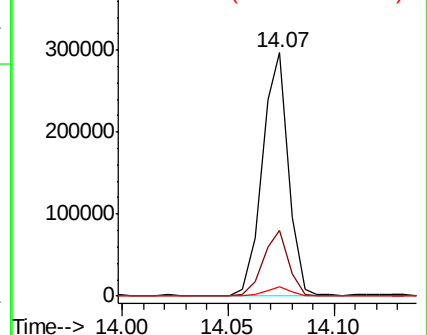
279 3.9 2.7 4.1

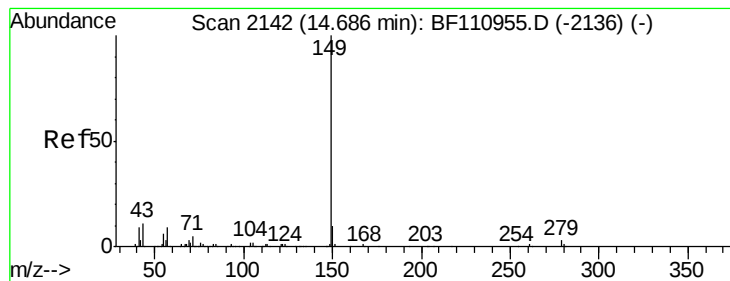


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.324 ng

RT: 14.69 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

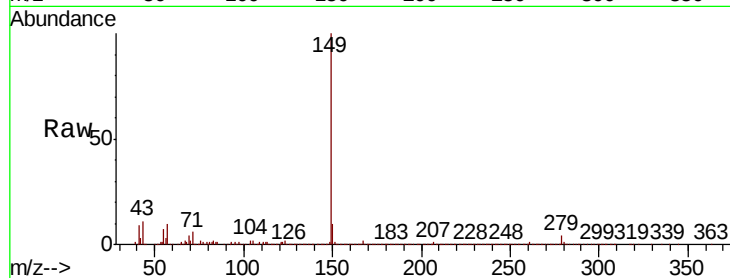
Tgt Ion:149 Resp: 375451

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

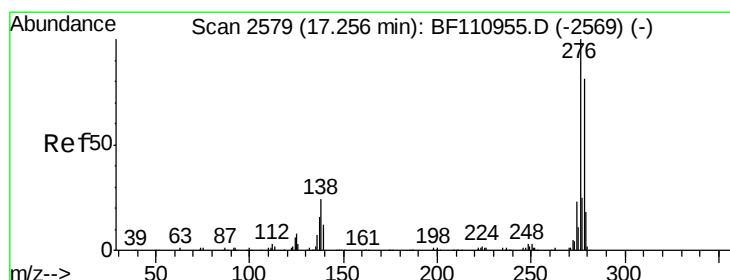
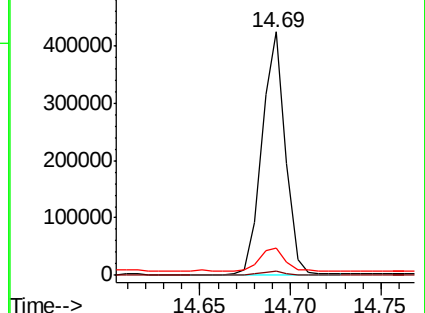
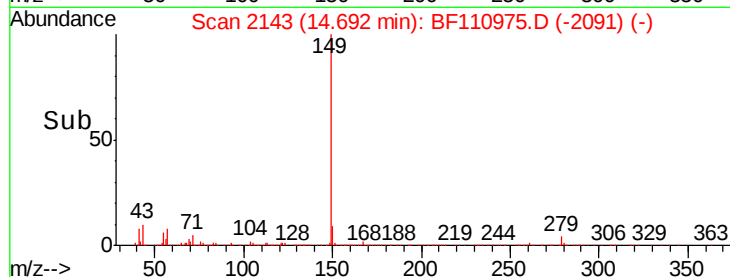
43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.970 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.02 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

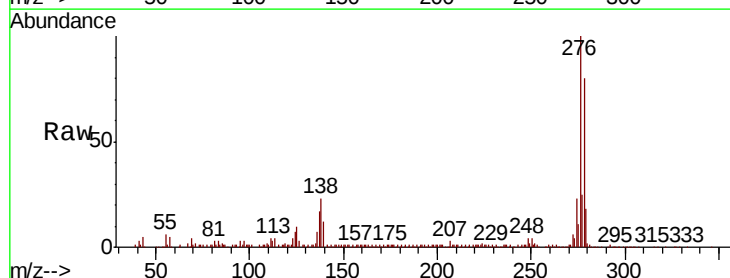
Tgt Ion:276 Resp: 250668

Ion Ratio Lower Upper

276 100

138 23.2 18.5 27.7

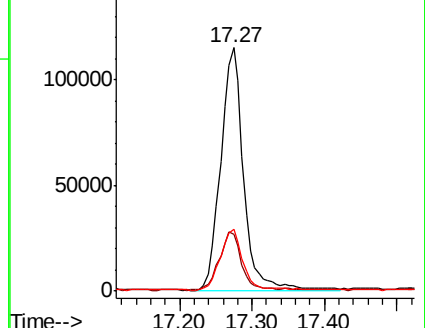
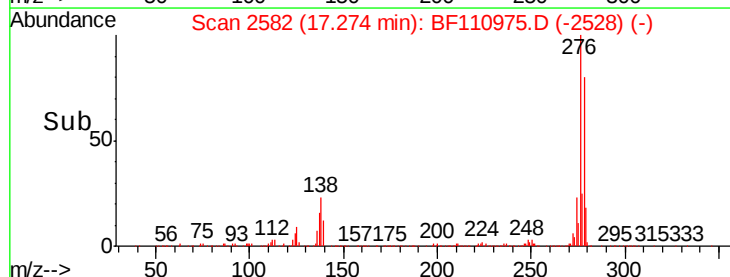
277 25.1 20.0 30.0

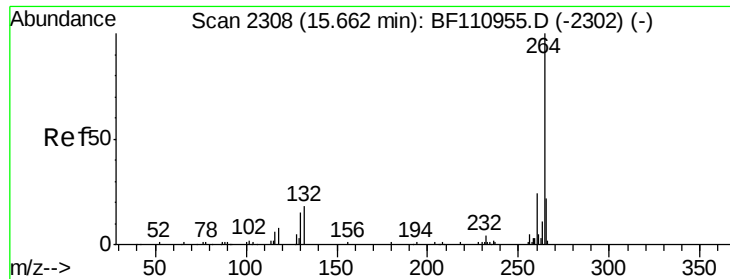


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

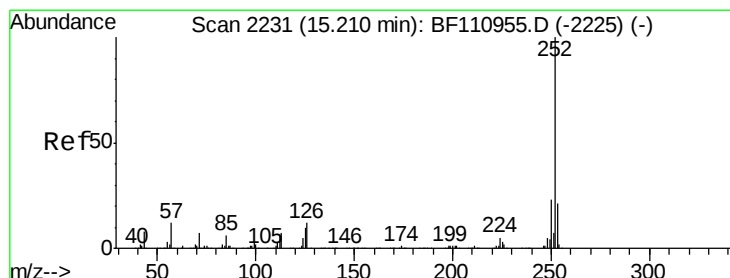
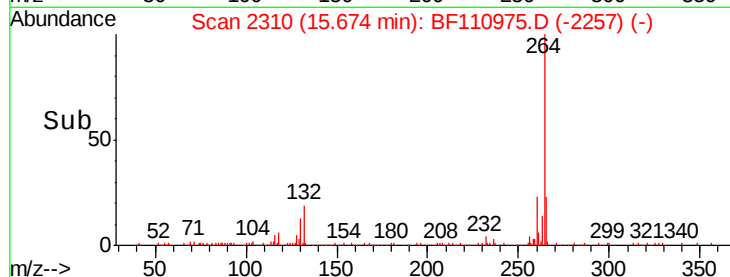
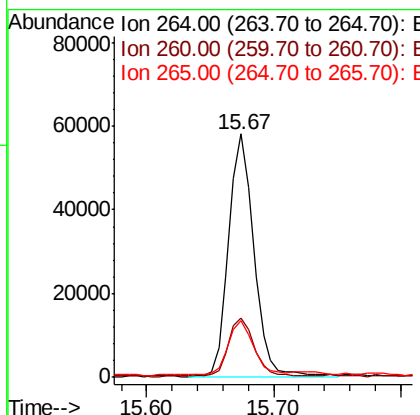
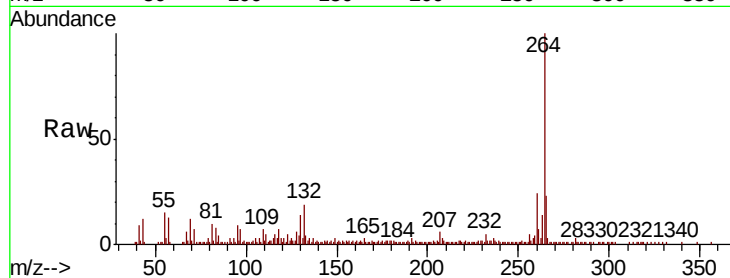




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

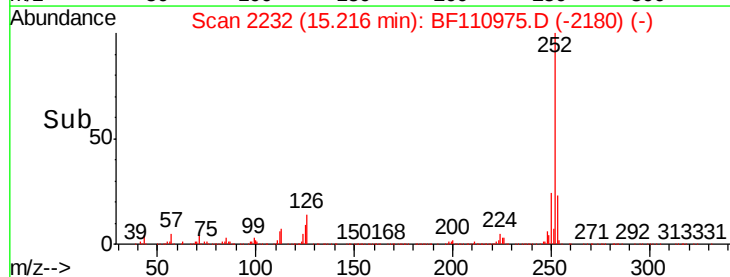
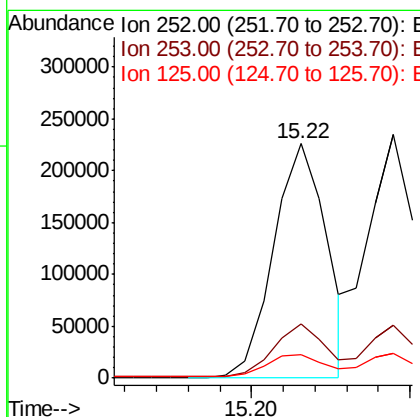
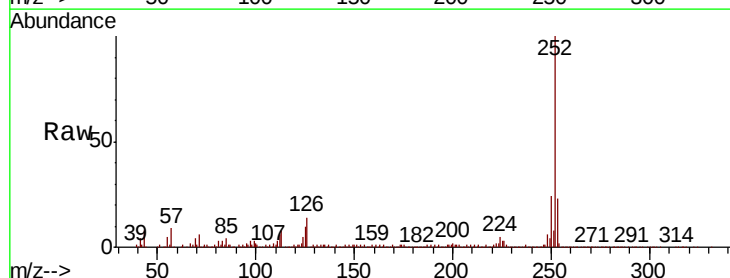
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

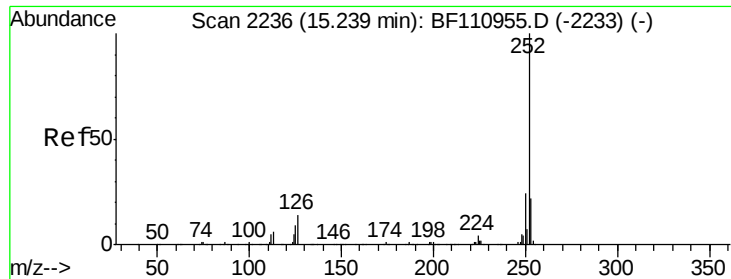
Tgt Ion:264 Resp: 81438
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 23.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 54.709 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110975.D
Acq: 26 Nov 2018 20:33

Tgt Ion:252 Resp: 261735
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 50.453 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

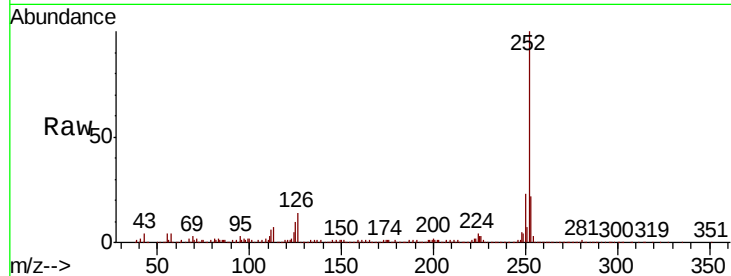
Tgt Ion:252 Resp: 248443

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

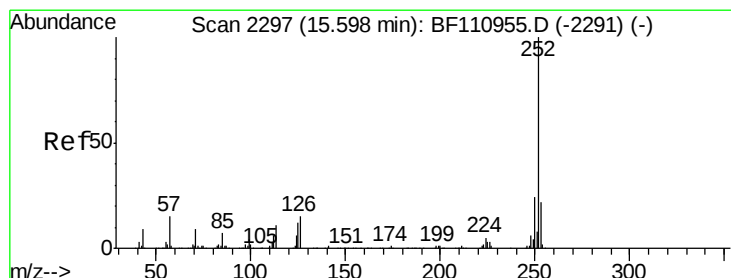
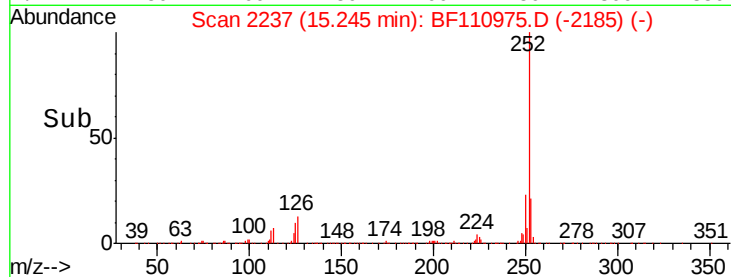
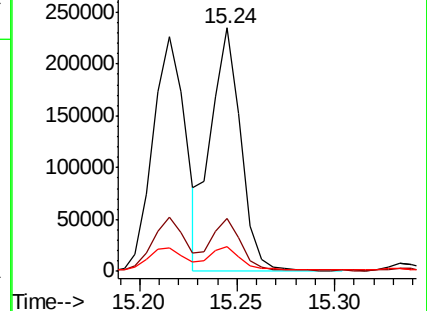
125 10.3 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.354 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

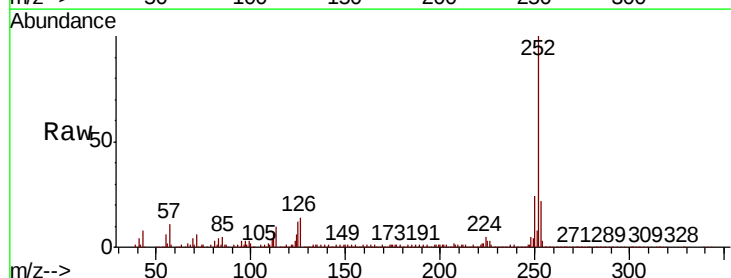
Tgt Ion:252 Resp: 246505

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

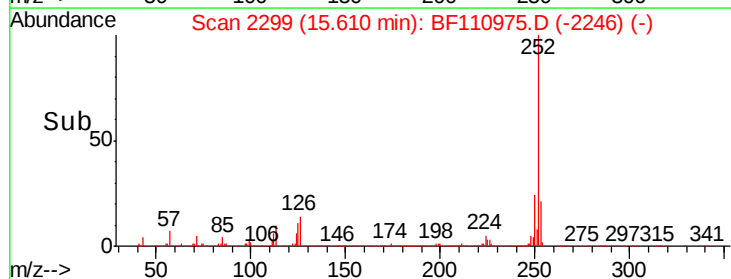
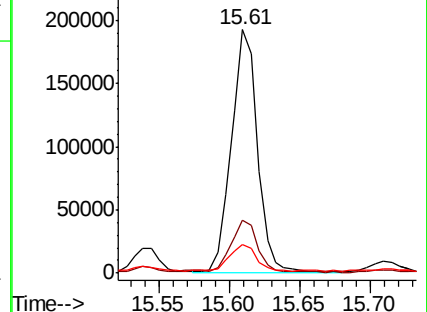
125 12.0 9.0 13.6

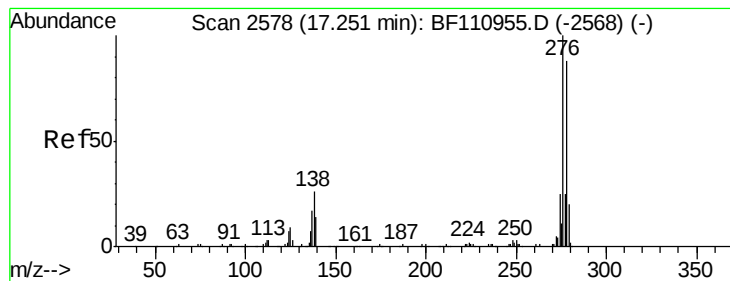


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.287 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.02 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

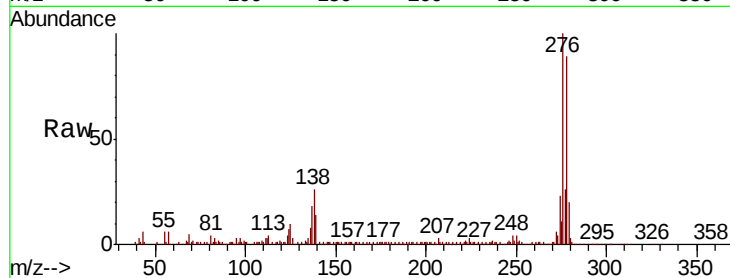
Tgt Ion:278 Resp: 192117

Ion Ratio Lower Upper

278 100

139 15.9 12.7 19.1

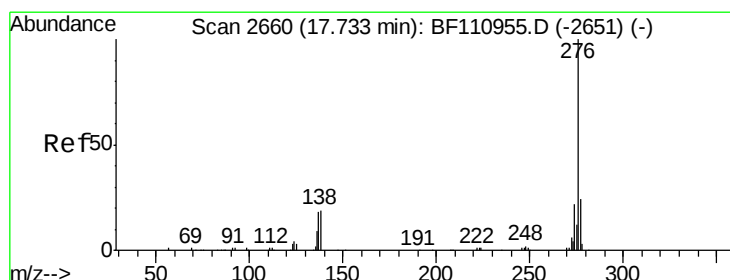
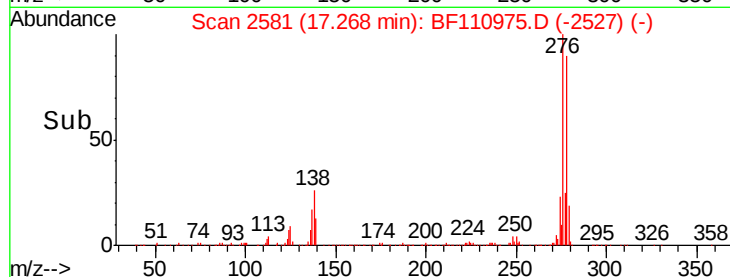
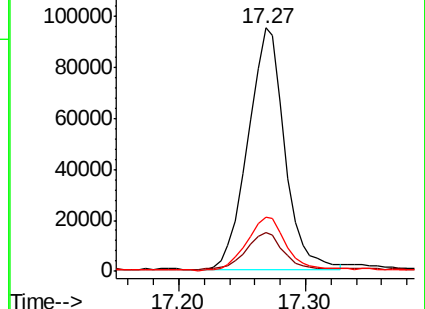
279 22.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.218 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.02 min

Lab File: BF110975.D

Acq: 26 Nov 2018 20:33

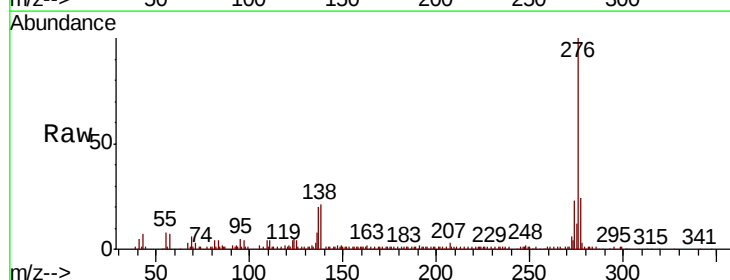
Tgt Ion:276 Resp: 202709

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.1 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

