

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107940.D
 Acq On : 3 Aug 2018 16:23
 Operator : JU/SJ
 Sample : J4285-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

Quant Time: Aug 03 17:15:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	137205	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	598258	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	265654	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	527520	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	322625	20.00	ng	-0.01
86) Perylene-d12	15.68	264	379813	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	634721	78.62	ng	0.00
7) Phenol-d6	6.60	99	802241	75.40	ng	0.00
23) Nitrobenzene-d5	7.52	82	520379	50.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	265544	73.56	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1086130	56.97	ng	-0.01
78) Terphenyl-d14	13.07	244	989052	66.48	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	74584	23.108	ng	# 82
3) Pyridine	3.67	79	138238	18.940	ng	# 83
6) Aniline	6.65	93	193889	17.520	ng	# 66
8) 2-Chlorophenol	6.75	128	265404	26.172	ng	94
9) Benzaldehyde	6.54	77	30330	4.725	ng	99
10) Phenol	6.62	94	356857	28.125	ng	89
11) bis(2-Chloroethyl)ether	6.69	93	287591	25.490	ng	97
12) 1,3-Dichlorobenzene	6.90	146	263126	24.739	ng	98
13) 1,4-Dichlorobenzene	6.97	146	310032	26.186	ng	99
14) 1,2-Dichlorobenzene	7.12	146	304187	27.678	ng	99
15) Benzyl Alcohol	7.11	79	154676	23.389	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	428064	26.389	ng	64
17) 2-Methylphenol	7.22	107	201074	26.860	ng	# 67
18) Hexachloroethane	7.45	117	106161	24.946	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	186384	27.615	ng	96
20) 3+4-Methylphenols	7.38	107	222794	24.241	ng	# 59
22) Acetophenone	7.37	105	384543	26.717	ng	96
24) Nitrobenzene	7.54	77	238830	21.933	ng	96
25) Isophorone	7.77	82	521632	30.601	ng	99
26) 2-Nitrophenol	7.86	139	144562	26.453	ng	98
27) 2,4-Dimethylphenol	7.89	122	224760	30.720	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	310432	27.634	ng	99
29) 2,4-Dichlorophenol	8.11	162	223985	27.065	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	247365	26.201	ng	99
31) Naphthalene	8.25	128	820151	29.492	ng	100
32) Benzoic acid	7.89	122	224760	45.475	ng	# 15
33) 4-Chloroaniline	8.34	127	217362	18.299	ng	98
34) Hexachlorobutadiene	8.35	225	142815	24.478	ng	98
35) Caprolactam	8.67	113	57491	23.076	ng	# 80
36) 4-Chloro-3-methylphenol	8.80	107	236481	26.311	ng	99
37) 2-Methylnaphthalene	8.95	142	537004	30.741	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	263493	29.091	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	95231	29.576	ng	98
42) 2,4,6-Trichlorophenol	9.24	196	136450	27.250	ng	99

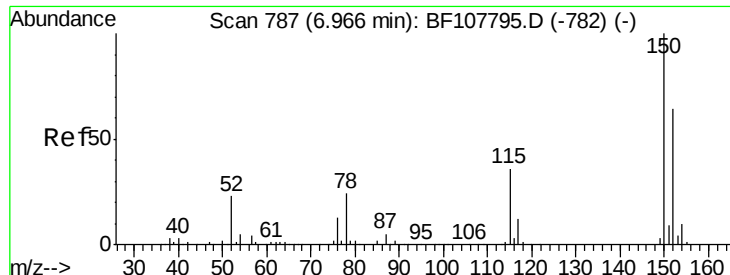
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	159044	26.384	ng	95
45) 1,1'-Biphenyl	9.41	154	699123	28.918	ng	99
46) 2-Chloronaphthalene	9.44	162	514191	28.204	ng	96
47) 2-Nitroaniline	9.56	65	158530	26.733	ng	89
48) Acenaphthylene	9.85	152	833430	29.488	ng	100
49) Dimethylphthalate	9.71	163	701594	35.166	ng	99
50) 2,6-Dinitrotoluene	9.78	165	119681	27.604	ng #	88
51) Acenaphthene	10.02	154	486189	29.613	ng	100
52) 3-Nitroaniline	9.98	138	122558	22.432	ng	99
53) 2,4-Dinitrophenol	10.15	184	9695	12.235	ng #	15
54) Dibenzofuran	10.20	168	704843	27.775	ng	97
55) 4-Nitrophenol	10.20	139	418171	153.010	ng #	19
56) 2,4-Dinitrotoluene	10.20	165	152194	26.707	ng #	75
57) Fluorene	10.54	166	578607	29.339	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.32	232	137890	24.905	ng #	78
59) Diethylphthalate	10.40	149	691588	32.241	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	283766	26.413	ng	92
61) 4-Nitroaniline	10.61	138	122716	25.310	ng	92
62) Azobenzene	10.70	77	534132	26.736	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	22959	8.000	ng #	68
65) n-Nitrosodiphenylamine	10.66	169	496863	28.605	ng	98
66) 4-Bromophenyl-phenylether	11.02	248	176668	28.733	ng #	87
67) Hexachlorobenzene	11.09	284	184363	27.040	ng #	89
68) Atrazine	11.18	200	143598	27.933	ng	95
69) Pentachlorophenol	11.30	266	89441	26.648	ng	96
70) Phenanthrene	11.51	178	731256	29.194	ng	98
71) Anthracene	11.57	178	897828	31.076	ng	98
72) Carbazole	11.74	167	757432	26.529	ng	99
73) Di-n-butylphthalate	12.03	149	890992	28.605	ng	99
74) Fluoranthene	12.71	202	768922	26.130	ng	96
76) Benzidine	12.85	184	245566	23.541	ng	96
77) Pyrene	12.94	202	719639	30.977	ng	97
79) Butylbenzylphthalate	13.54	149	285802	28.093	ng	94
80) Benzo(a)anthracene	14.13	228	515451	28.204	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	165371	23.343	ng #	97
82) Chrysene	14.17	228	591132	29.988	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	360686	28.202	ng	100
84) Di-n-octyl phthalate	14.71	149	590643	28.772	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	650312	43.373	ng #	93
87) Benzo(b)fluoranthene	15.22	252	478270	25.532	ng	98
88) Benzo(k)fluoranthene	15.22	252	478270	20.796	ng	98
89) Benzo(a)pyrene	15.61	252	568288	29.387	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	555997	32.961	ng #	95
91) Benzo(g,h,i)perylene	17.73	276	512359	31.391	ng #	94

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

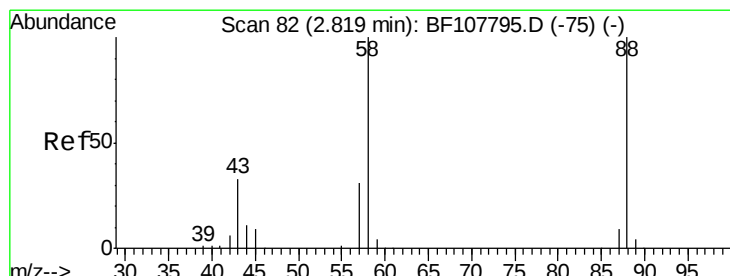
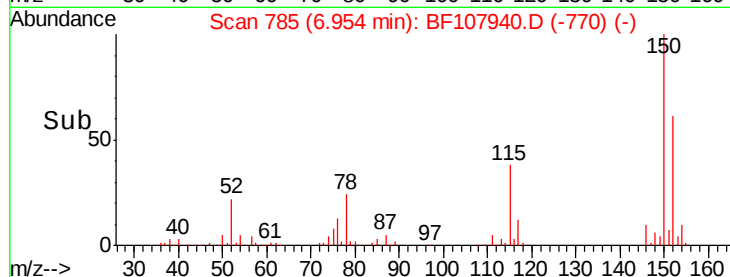
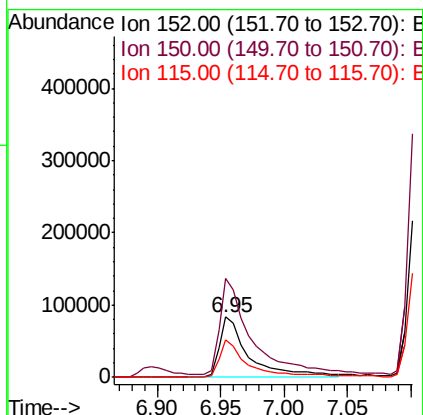
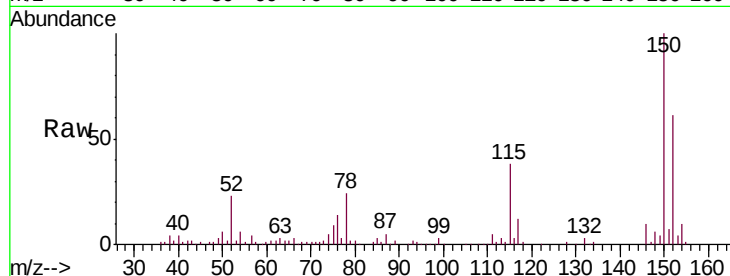


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

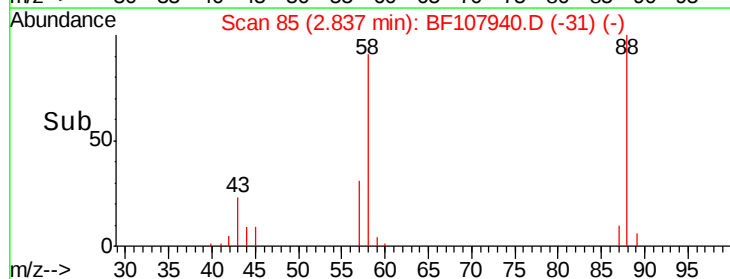
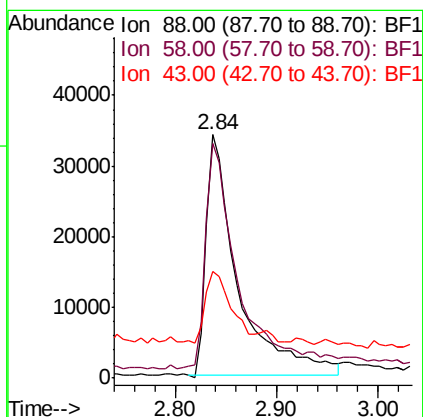
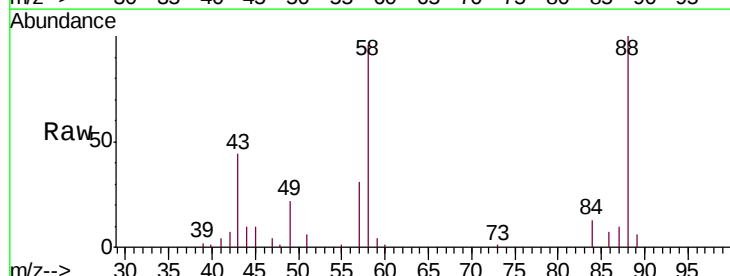
Tgt Ion:152 Resp: 137205
Ion Ratio Lower Upper
152 100
150 164.8 124.6 186.8
115 62.1 50.1 75.1

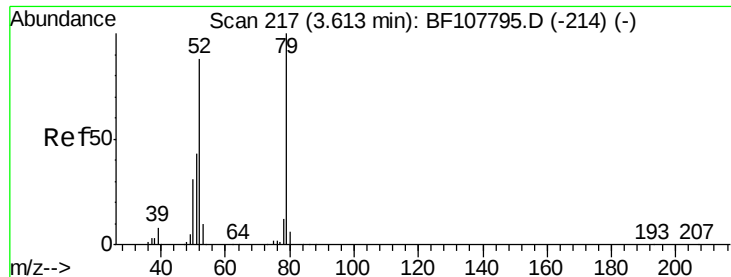


#2

1,4-Dioxane
Concen: 23.108 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion: 88 Resp: 74584
Ion Ratio Lower Upper
88 100
58 96.2 62.6 93.8#
43 23.7 24.6 37.0#





#3

Pyridine

Concen: 18.940 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

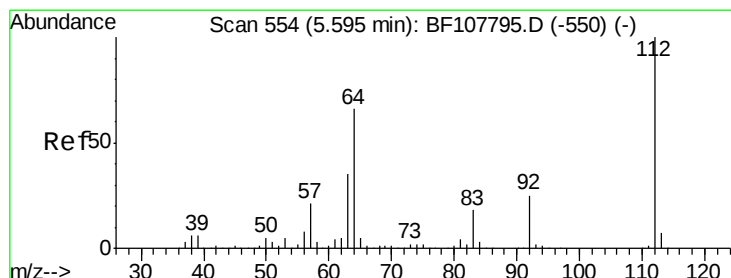
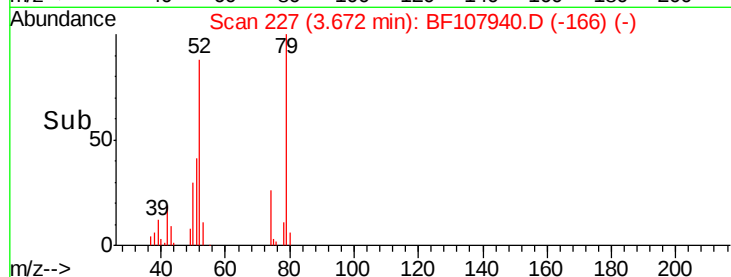
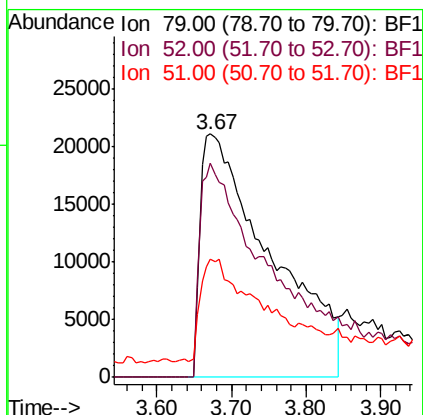
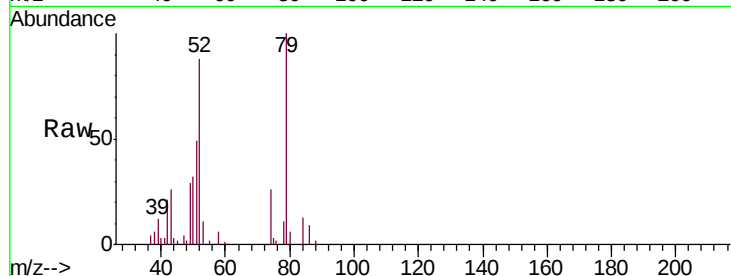
Tgt Ion: 79 Resp: 138238

Ion Ratio Lower Upper

79 100

52 87.9 59.8 89.6

51 48.8 29.8 44.8#



#5

2-Fluorophenol

Concen: 78.622 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

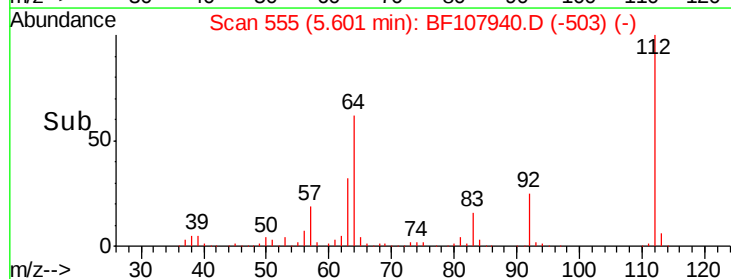
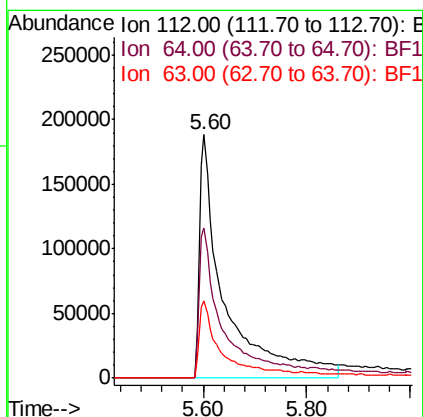
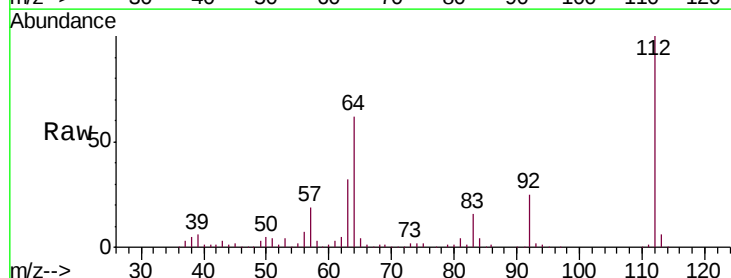
Tgt Ion: 112 Resp: 634721

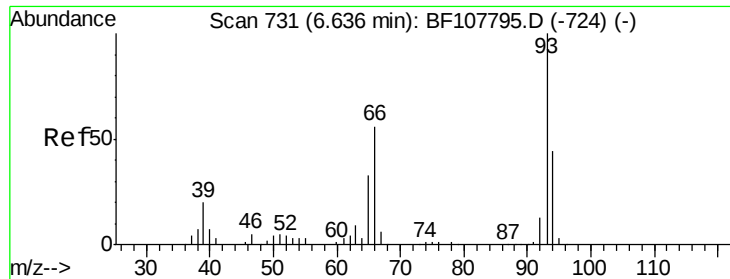
Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

63 31.7 23.7 35.5





#6

Aniline

Concen: 17.520 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

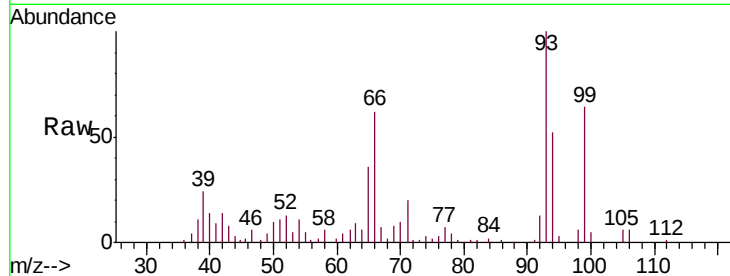
Tgt Ion: 93 Resp: 193889

Ion Ratio Lower Upper

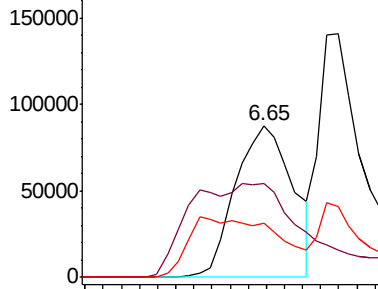
93 100

66 61.9 32.2 48.2#

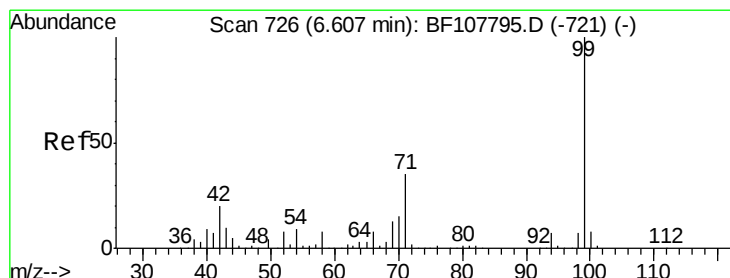
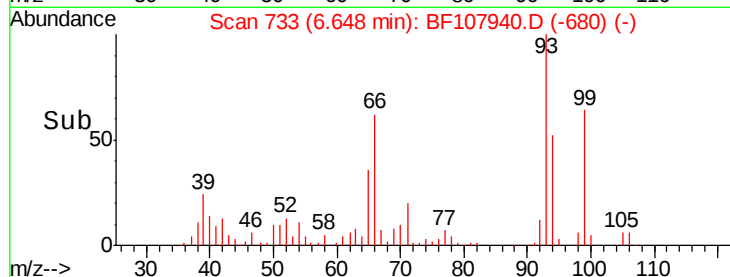
65 35.7 16.4 24.6#



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



Time-->



#7

Phenol-d6

Concen: 75.400 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

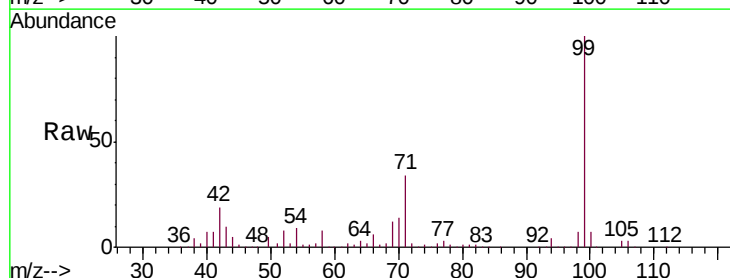
Tgt Ion: 99 Resp: 802241

Ion Ratio Lower Upper

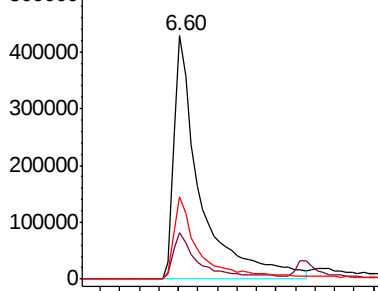
99 100

42 19.1 14.5 21.7

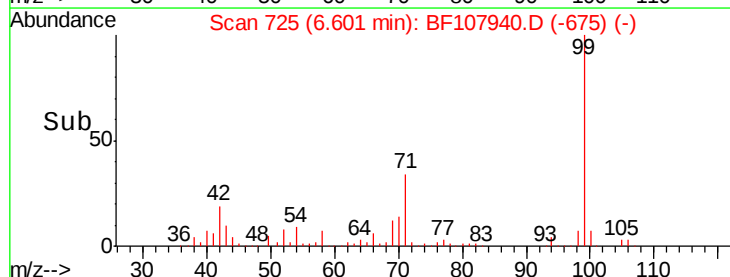
71 33.8 25.4 38.0

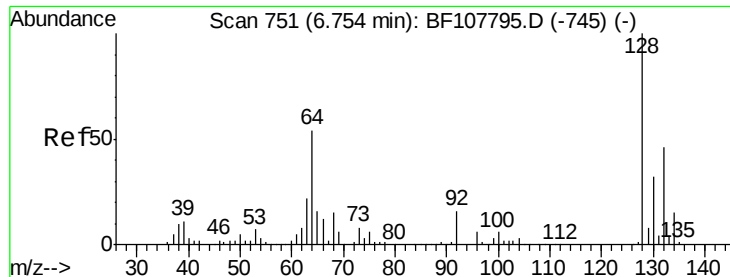


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#8

2-Chlorophenol

Concen: 26.172 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

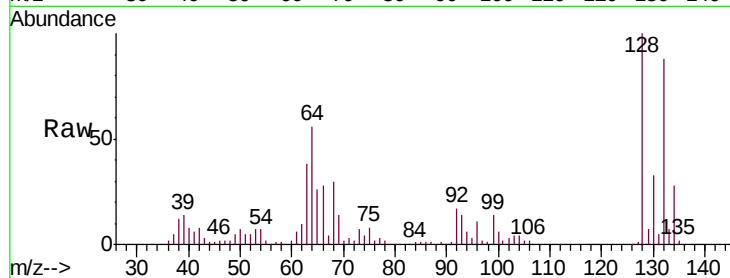
Tgt Ion:128 Resp: 265404

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

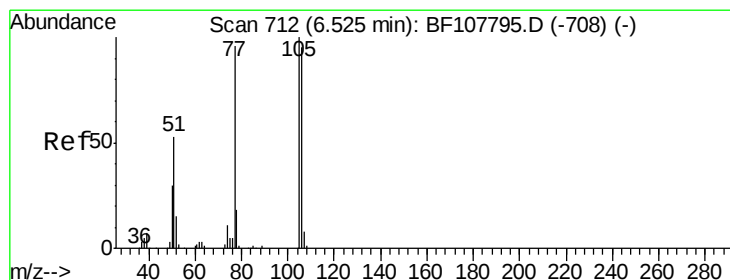
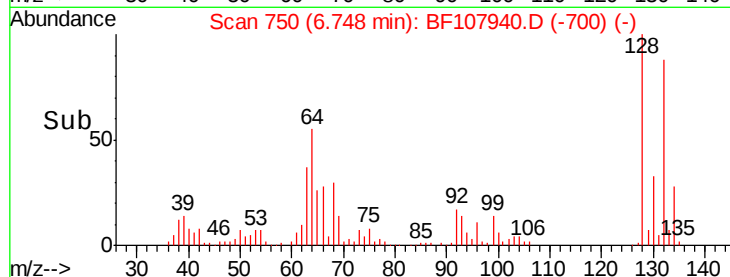
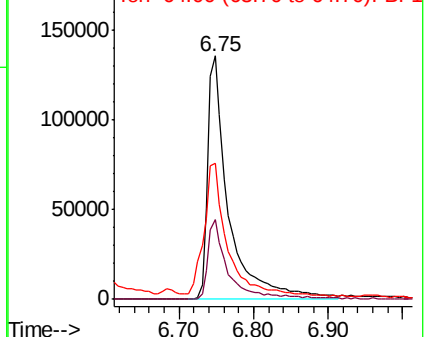
64 55.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 4.725 ng

RT: 6.54 min Scan# 715

Delta R.T. 0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

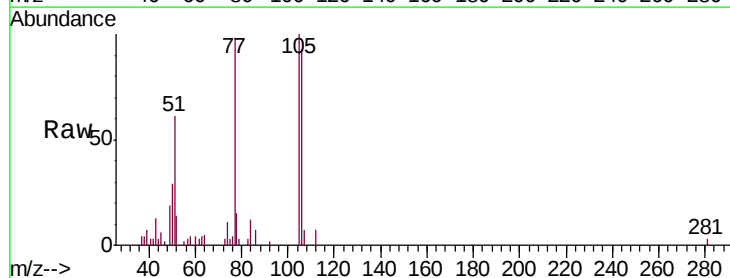
Tgt Ion: 77 Resp: 30330

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

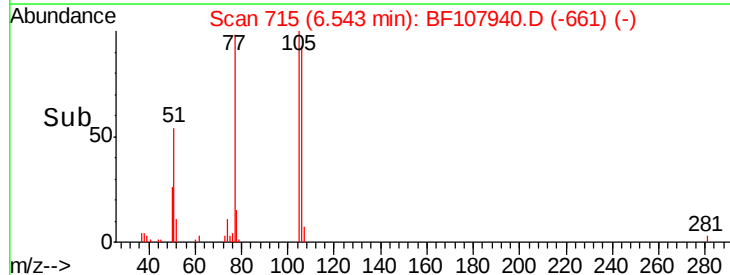
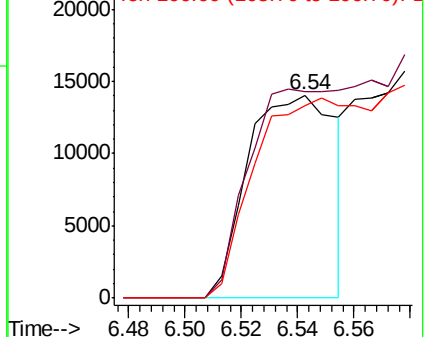
106 94.7 74.5 114.5

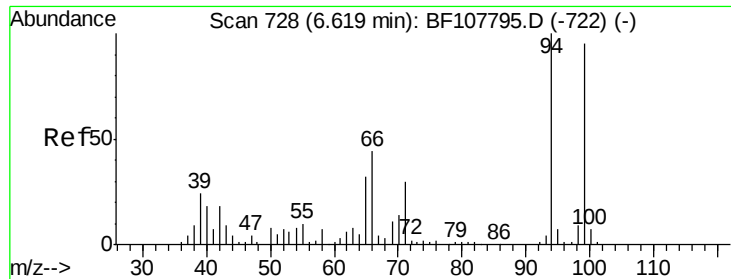


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 28.125 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

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ClientSampleId :

KG-PIT-2MS

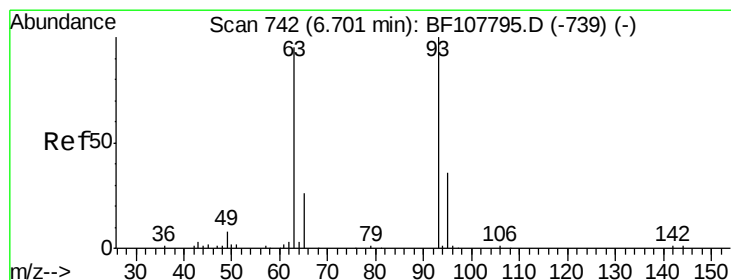
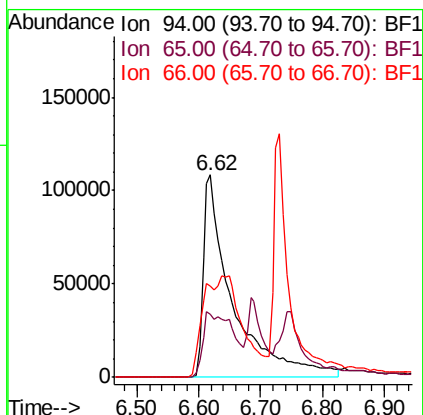
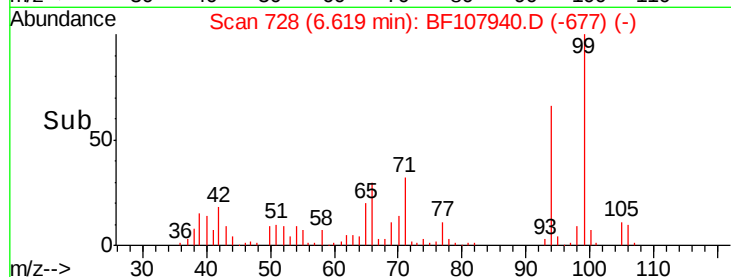
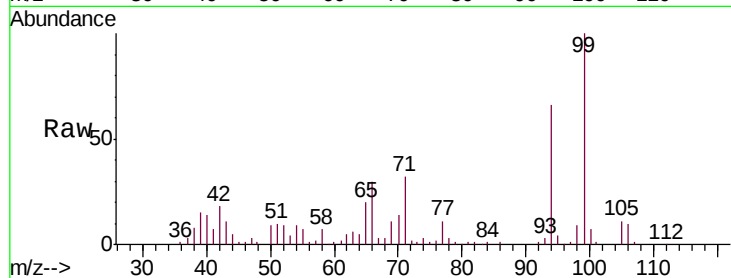
Tgt Ion: 94 Resp: 356857

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 45.0 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 25.490 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

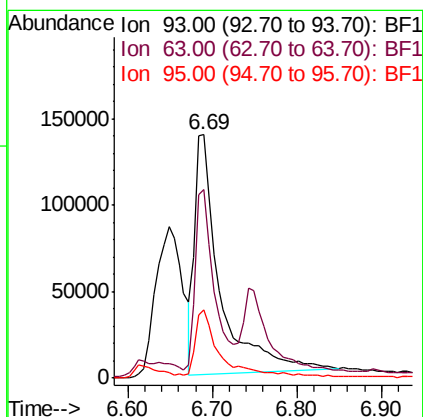
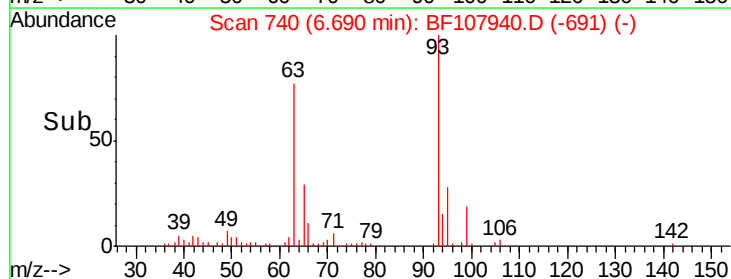
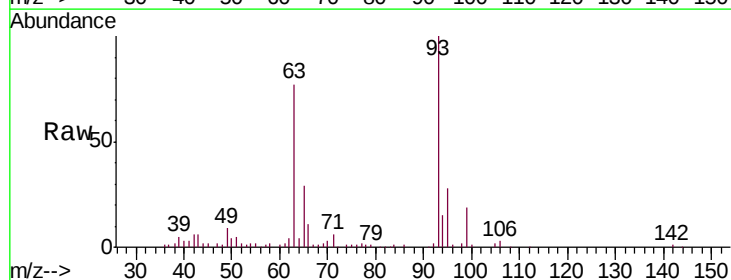
Tgt Ion: 93 Resp: 287591

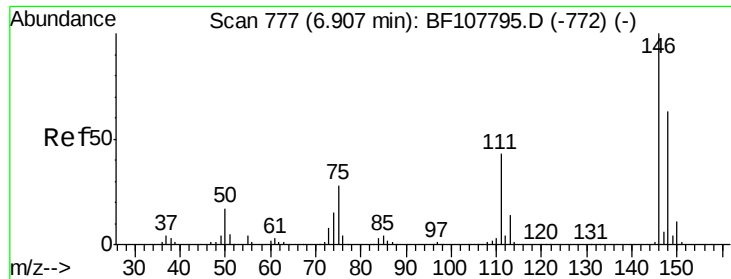
Ion Ratio Lower Upper

93 100

63 77.3 58.6 98.6

95 27.9 11.8 51.8

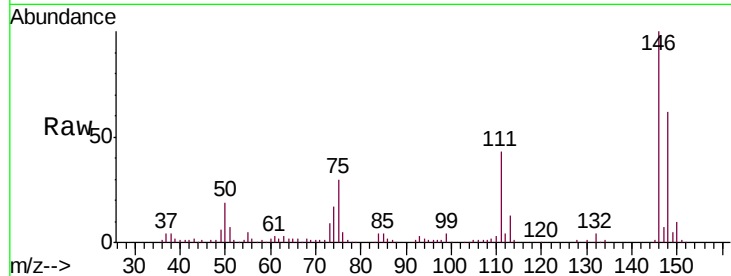




#12
 1,3-Dichlorobenzene
 Concen: 24.739 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.8
75	29.5	24.2	36.4

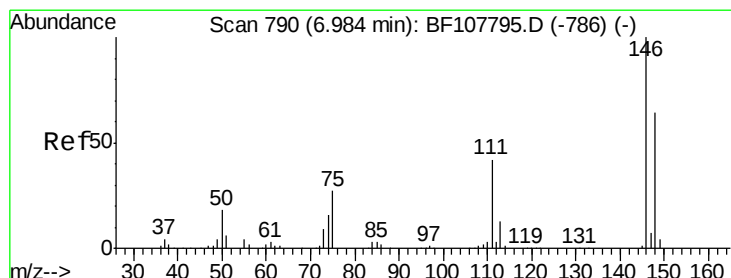
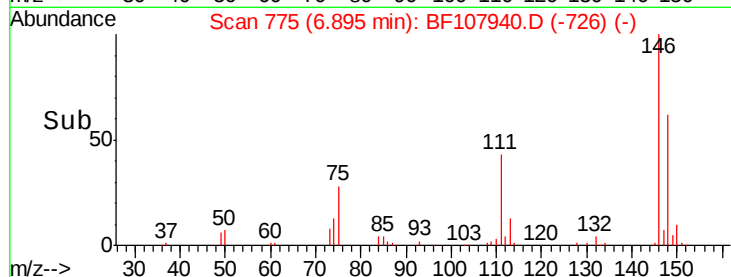
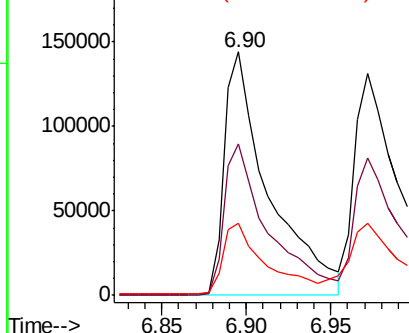


Abundance

Ion 146.00 (145.70 to 146.70): E

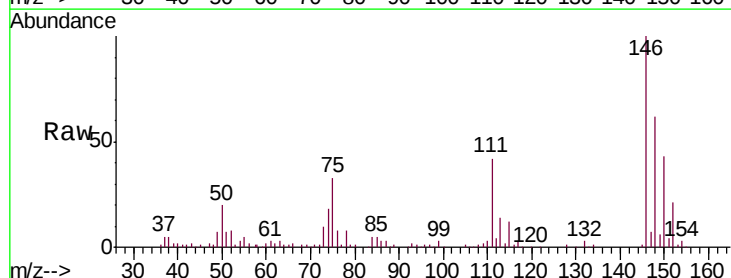
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13
 1,4-Dichlorobenzene
 Concen: 26.186 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.8	76.2
111	42.4	34.2	51.2

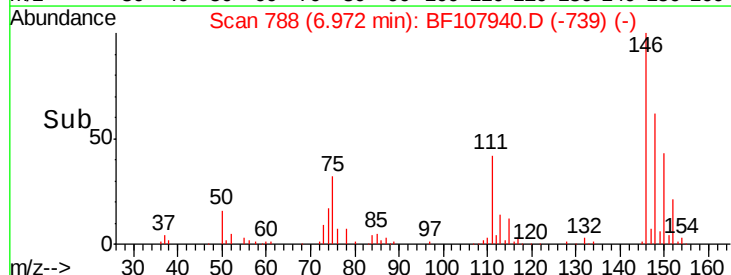
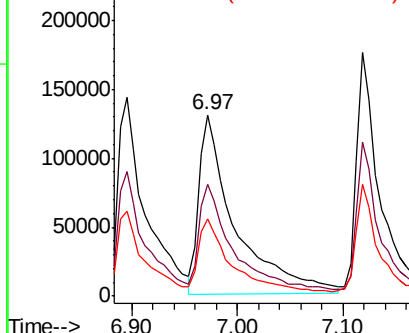


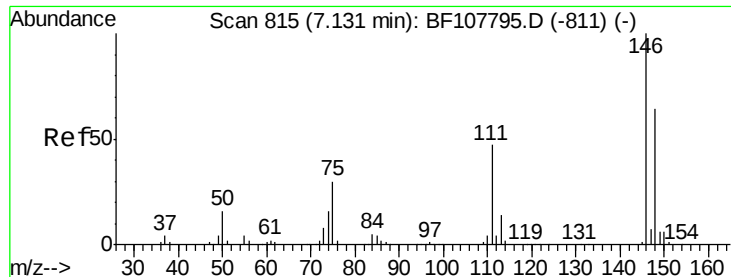
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 27.678 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

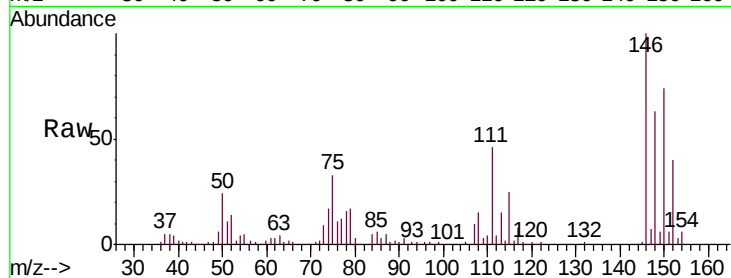
Tgt Ion:146 Resp: 304187

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

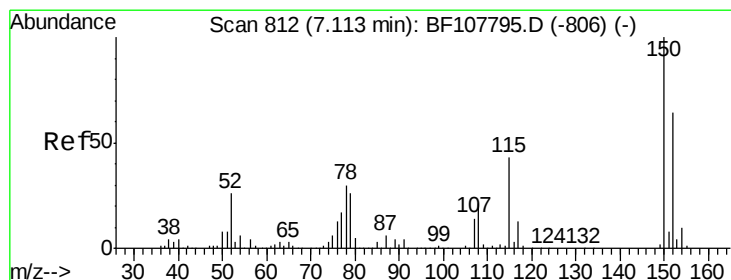
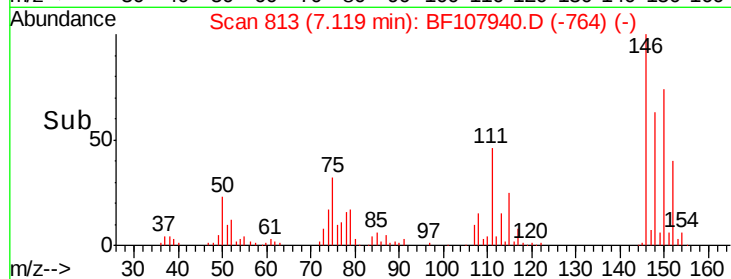
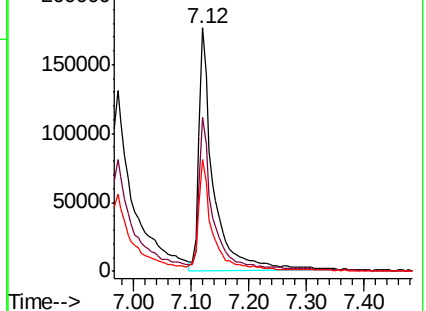
111 45.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 23.389 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

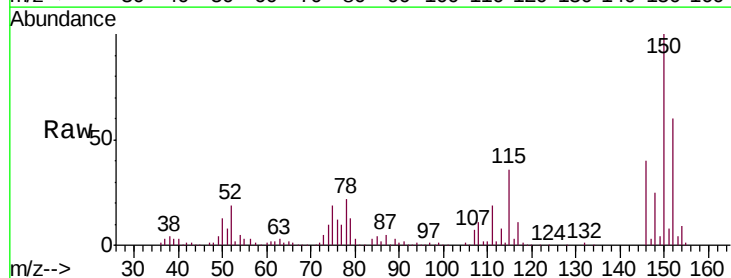
Tgt Ion: 79 Resp: 154676

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

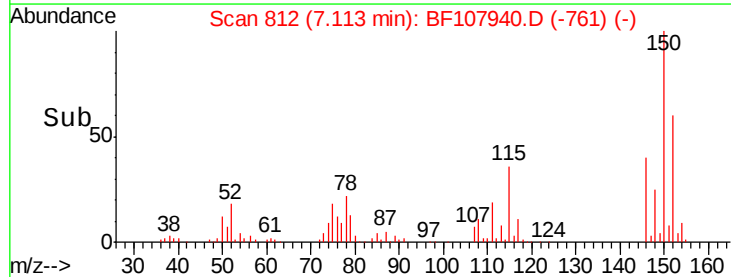
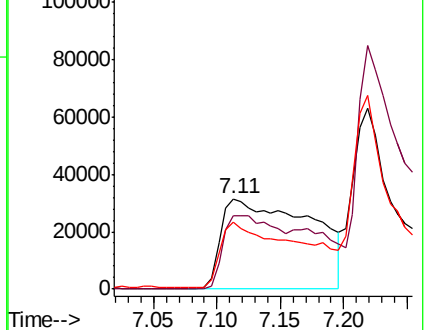
77 73.8 50.6 75.8

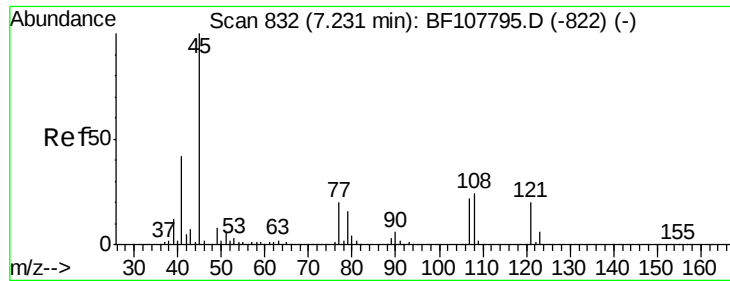


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

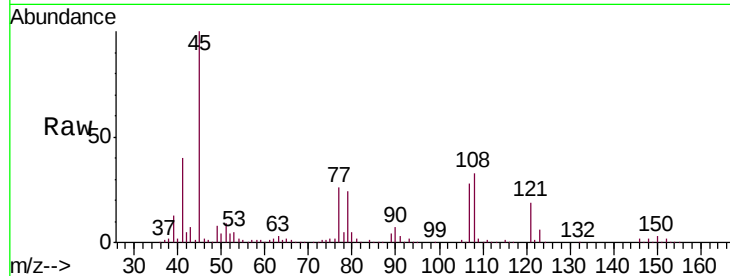




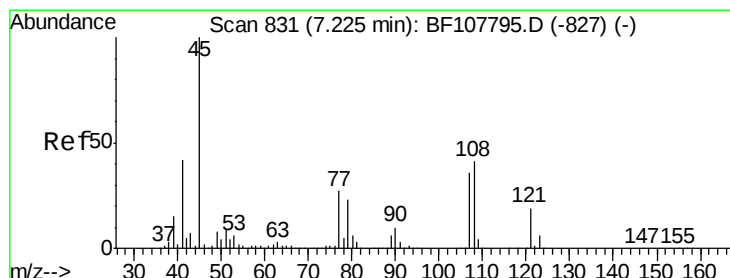
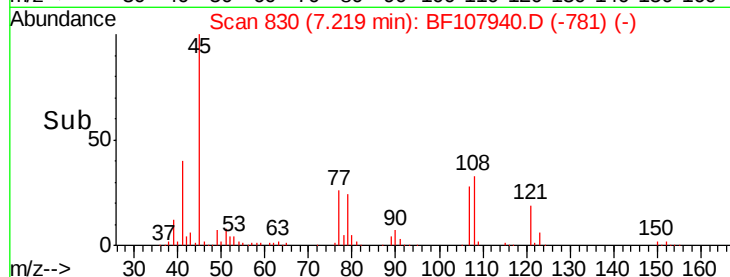
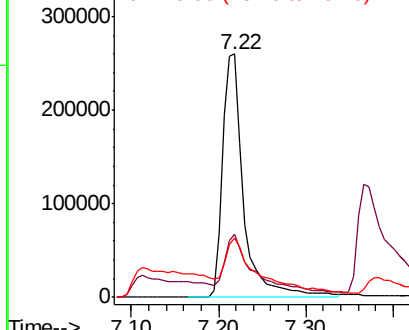
#16
2,2'-oxybis(1-chloropropane)
Concen: 26.389 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Tgt Ion: 45 Resp: 428064
Ion Ratio Lower Upper
45 100
77 26.0 0.0 32.9
79 24.3 0.0 29.6

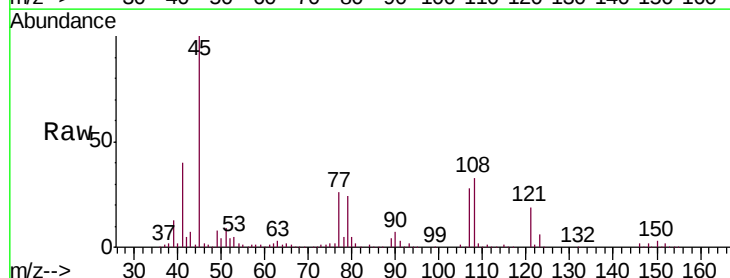


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

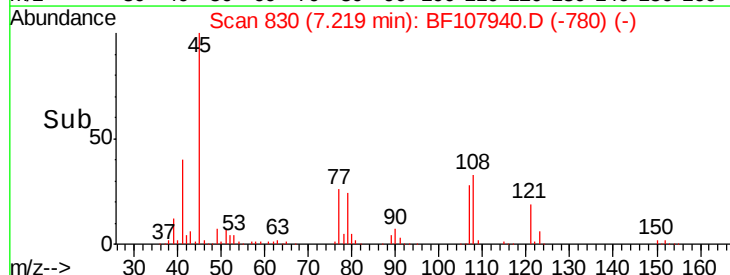
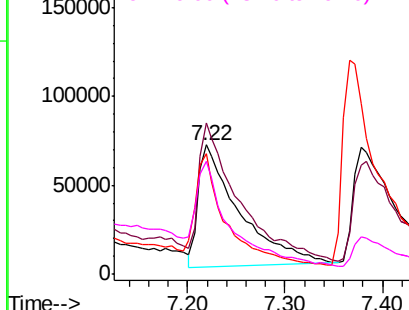


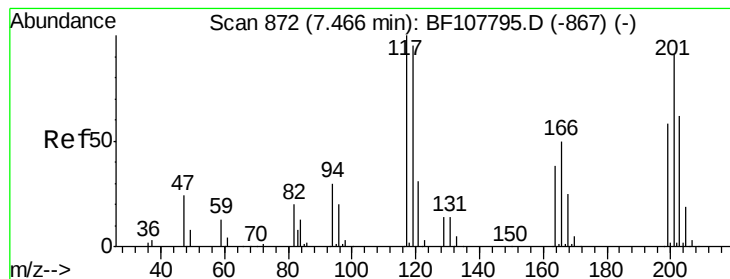
#17
2-Methylphenol
Concen: 26.860 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion: 107 Resp: 201074
Ion Ratio Lower Upper
107 100
108 116.9 91.7 137.5
77 92.9 33.8 50.8#
79 87.1 33.8 50.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#18

Hexachloroethane

Concen: 24.946 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

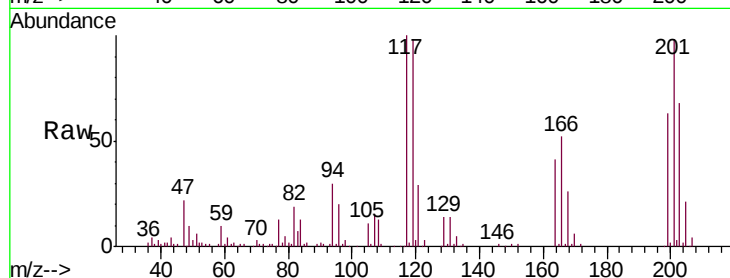
Tgt Ion: 117 Resp: 106161

Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.8

201 98.3 75.7 113.5

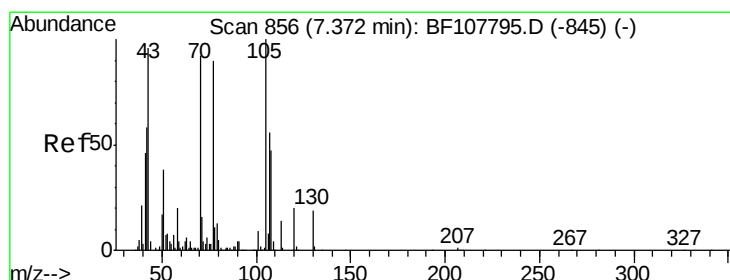
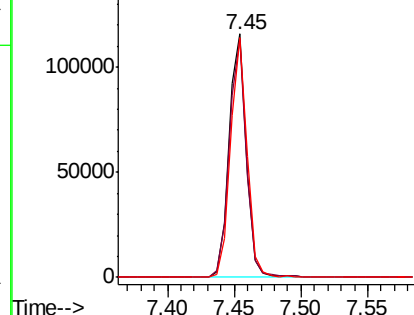
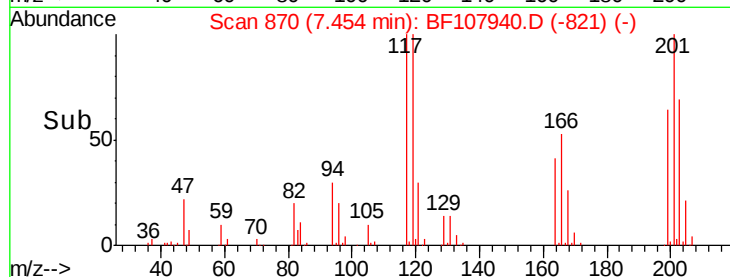


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 27.615 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Tgt Ion: 70 Resp: 186384

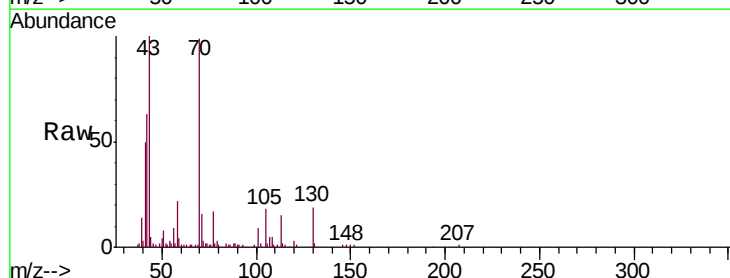
Ion Ratio Lower Upper

70 100

42 63.7 47.5 71.3

101 9.2 7.4 11.2

130 19.6 16.6 25.0



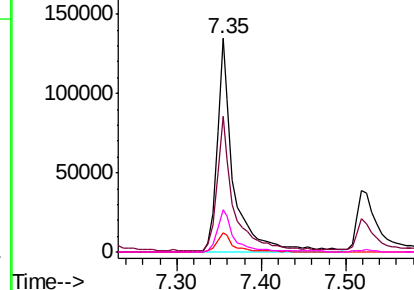
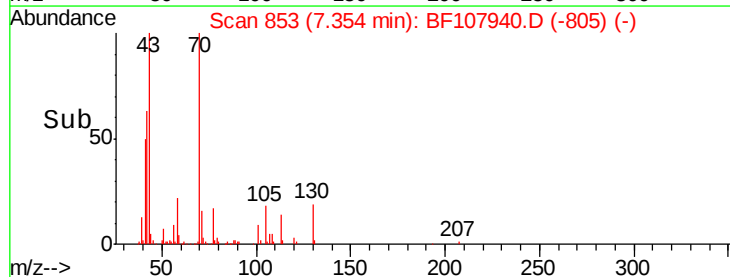
Abundance

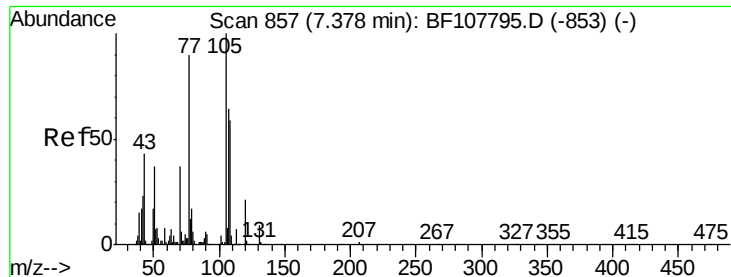
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 24.241 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

Tgt Ion:107 Resp: 222794

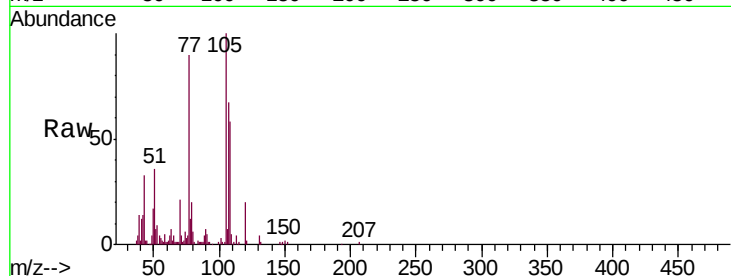
Ion Ratio Lower Upper

107 100

108 85.9 68.2 108.2

77 134.7 26.7 66.7#

79 29.1 6.3 46.3

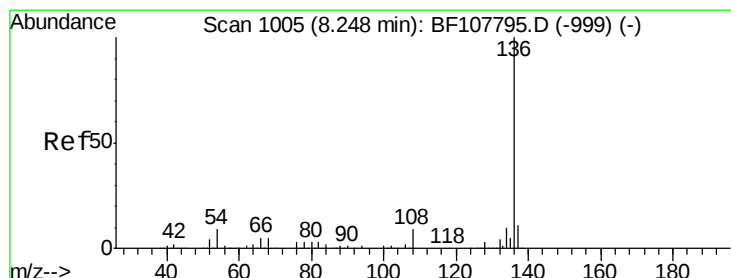
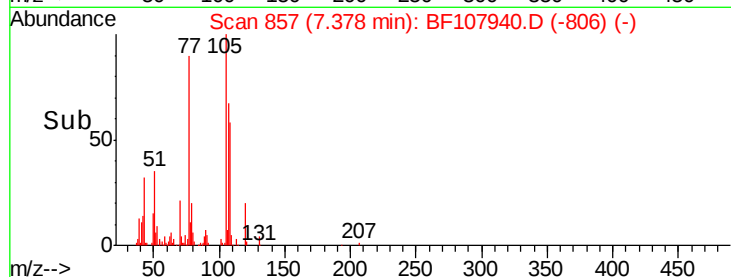
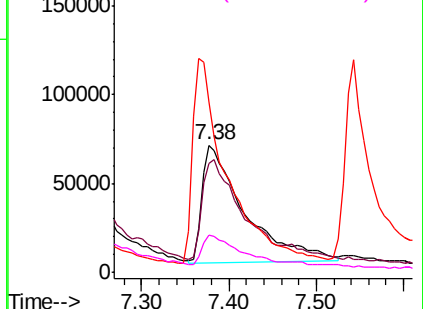


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Tgt Ion:136 Resp: 598258

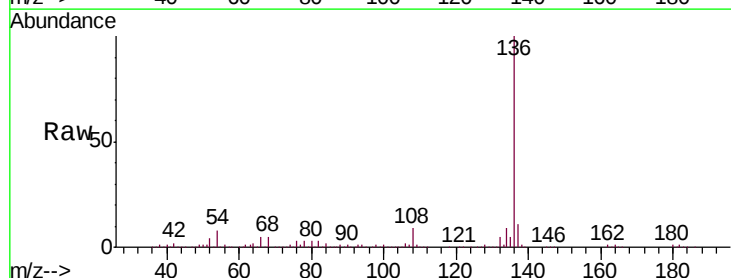
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.2 6.6 9.8

68 5.5 5.0 7.4

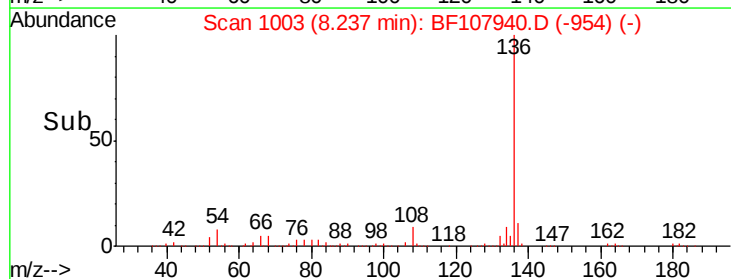
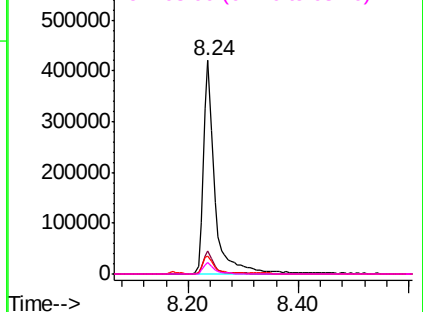


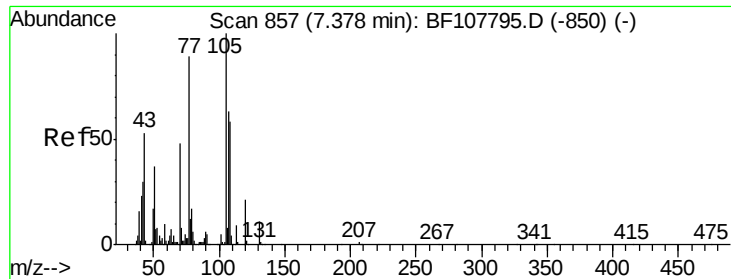
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 26.717 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

Tgt Ion: 105 Resp: 384543

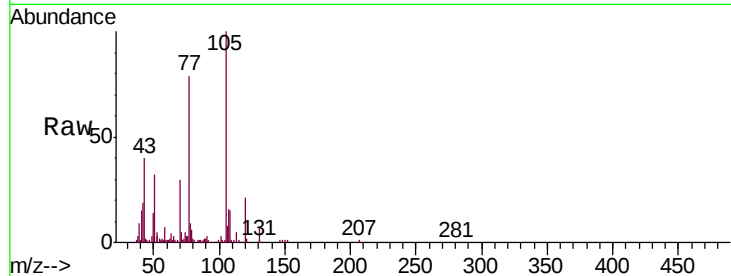
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 31.9 22.3 33.5

120 20.9 16.9 25.3

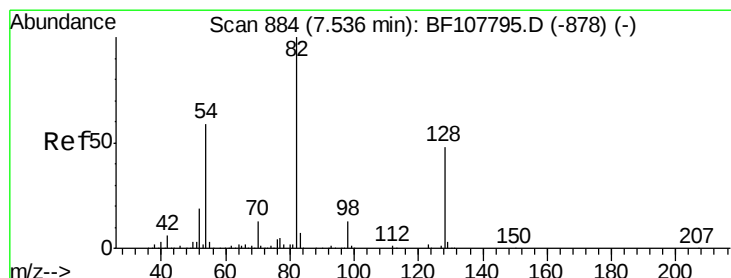
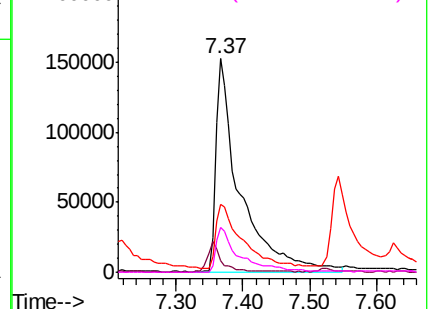
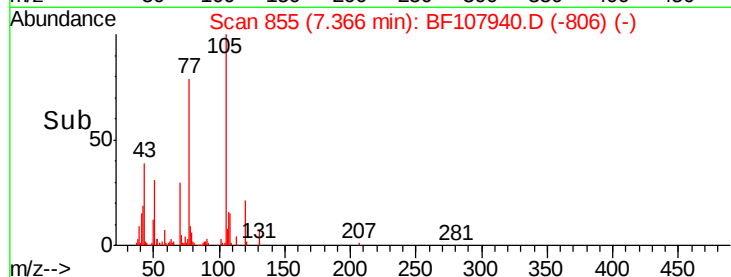


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 50.111 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

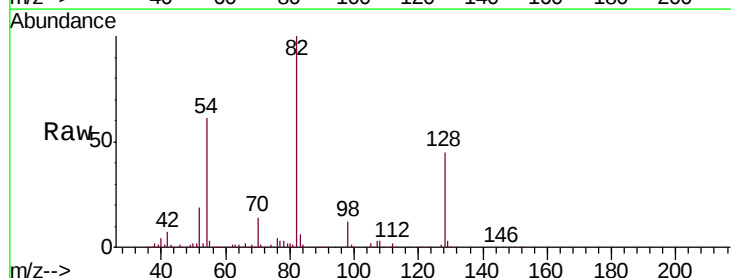
Tgt Ion: 82 Resp: 520379

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

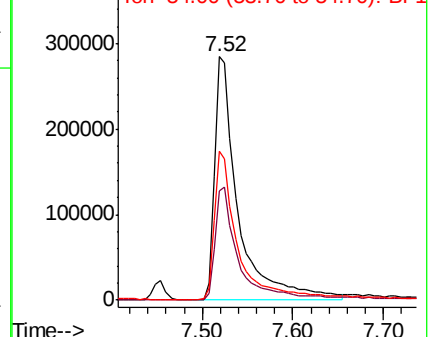
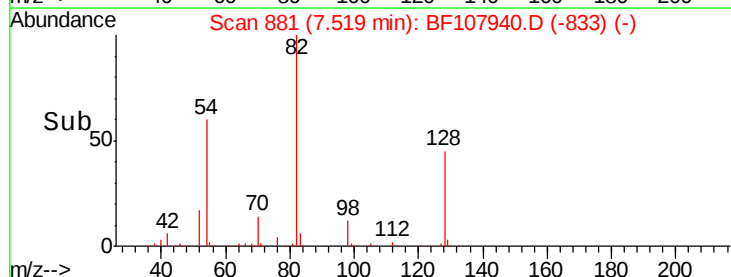
54 61.2 41.4 62.2

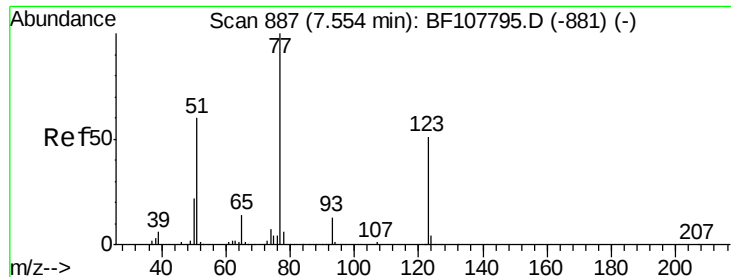


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

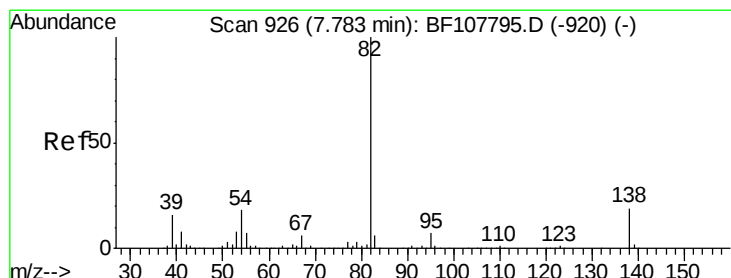
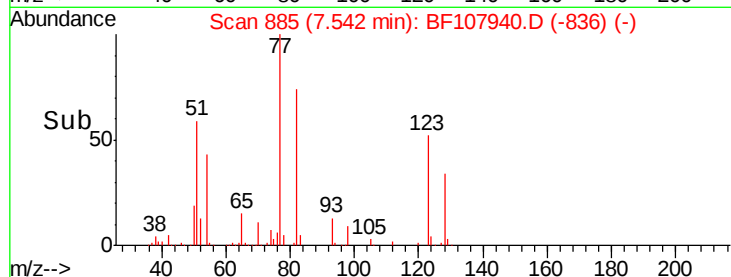
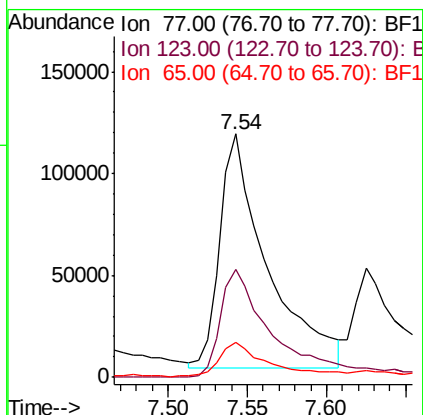
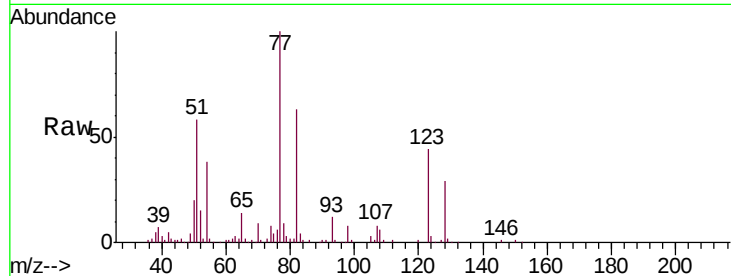




#24
Nitrobenzene
Concen: 21.933 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

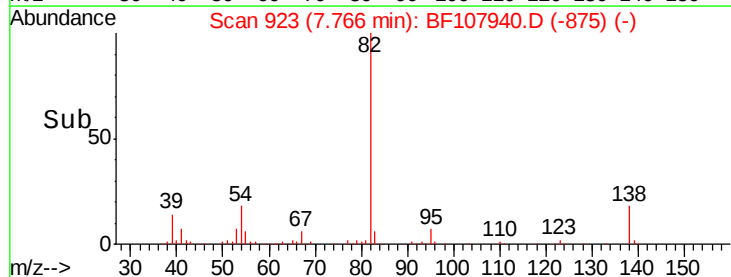
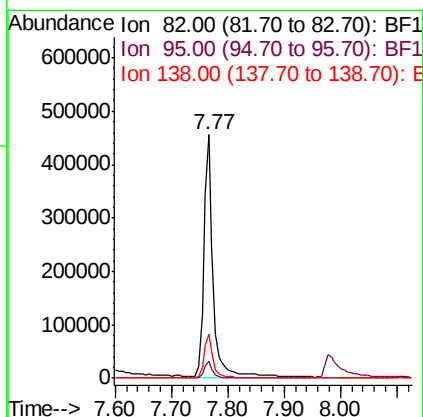
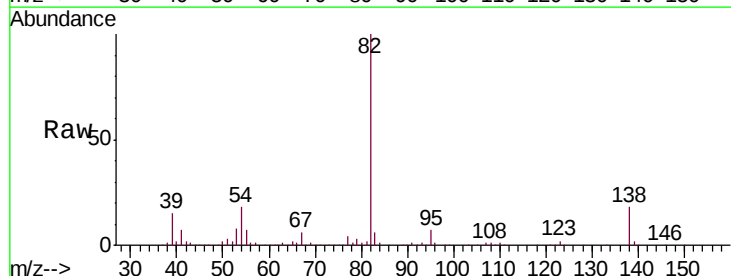
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

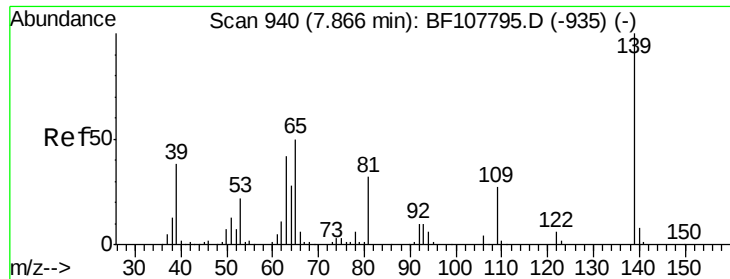
Tgt Ion: 77 Resp: 238830
Ion Ratio Lower Upper
77 100
123 44.1 37.9 56.9
65 14.3 11.0 16.4



#25
Isophorone
Concen: 30.601 ng
RT: 7.77 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion: 82 Resp: 521632
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.1 14.9 22.3

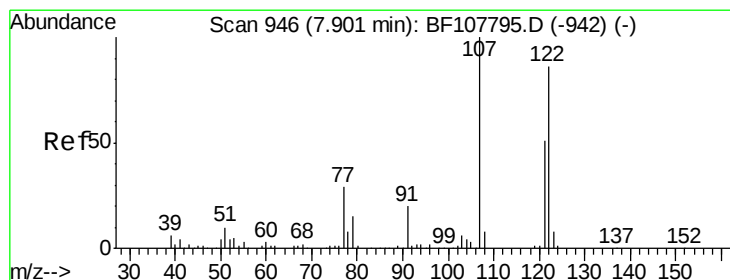
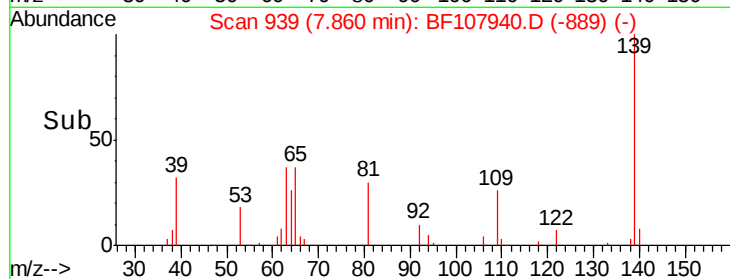
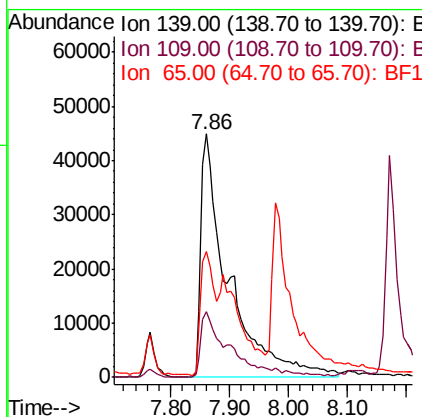
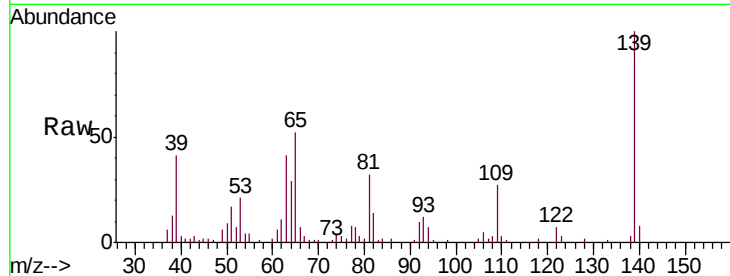




#26
 2-Nitrophenol
 Concen: 26.453 ng
 RT: 7.86 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

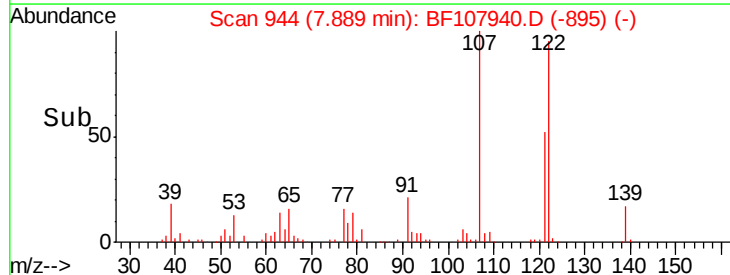
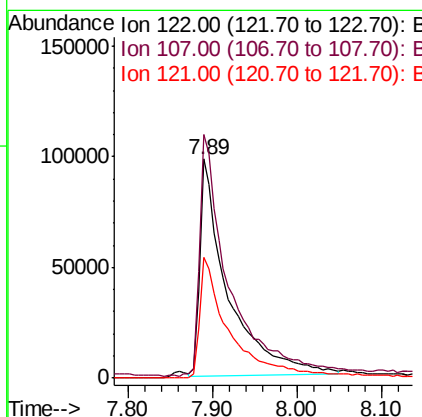
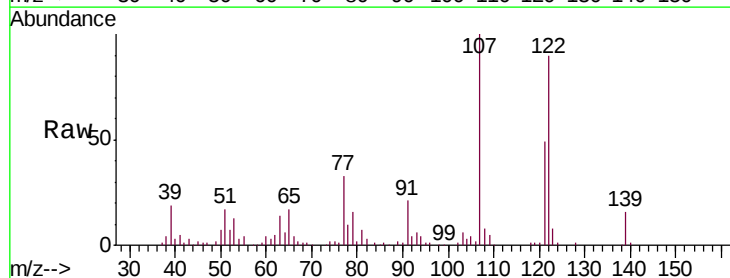
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

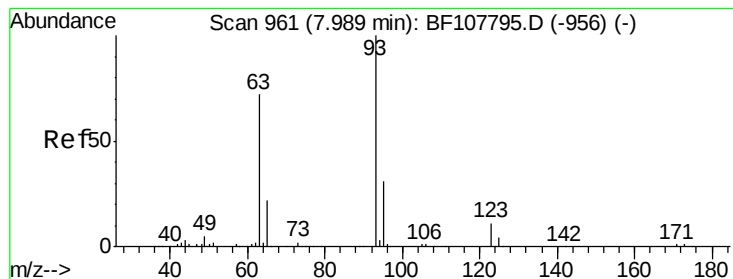
Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.1	22.7	34.1
65	51.7	40.5	60.7



#27
 2,4-Dimethylphenol
 Concen: 30.720 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.2	136.8
121	55.0	47.2	70.8





#28

bis(2-Chloroethoxy)methane

Concen: 27.634 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

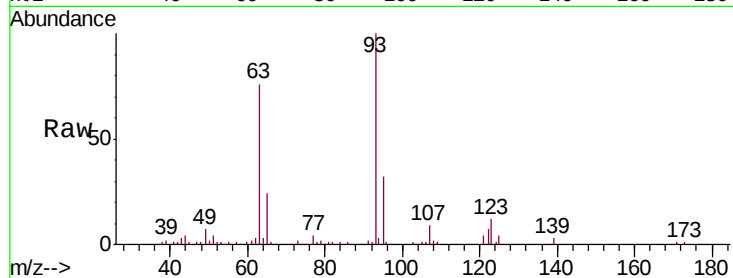
Tgt Ion: 93 Resp: 310432

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

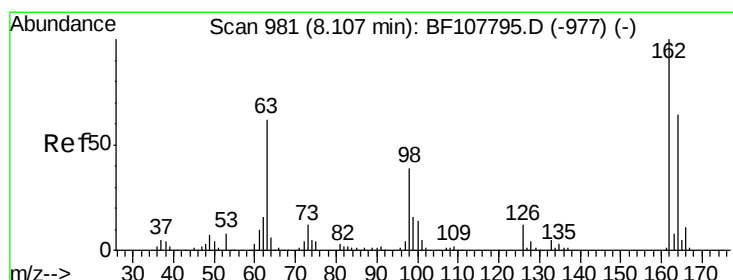
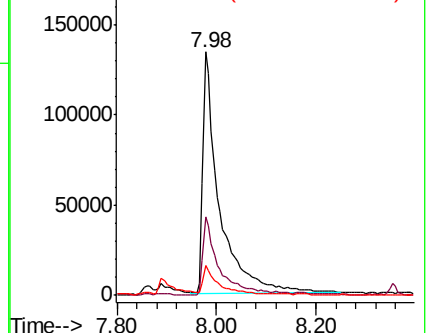
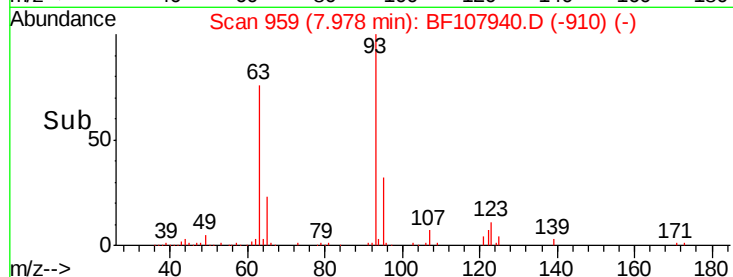
123 12.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#29

2,4-Dichlorophenol

Concen: 27.065 ng

RT: 8.11 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

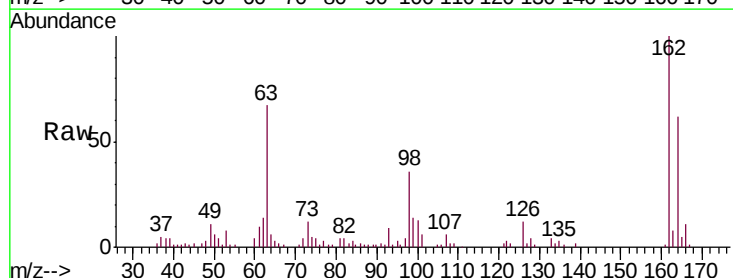
Tgt Ion: 162 Resp: 223985

Ion Ratio Lower Upper

162 100

164 62.0 42.7 82.7

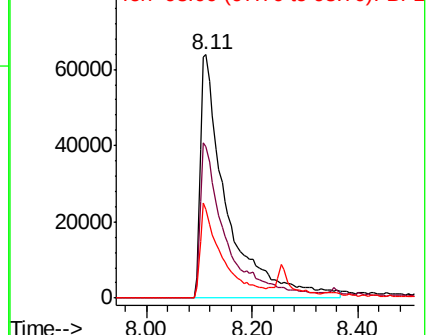
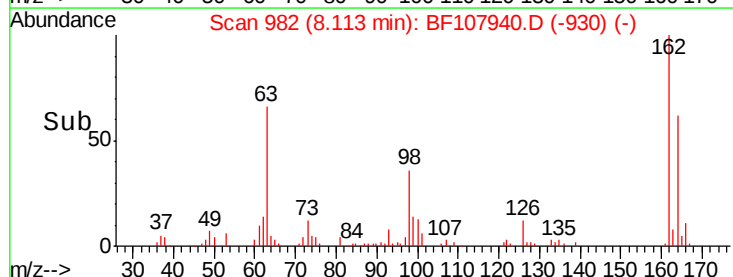
98 36.2 18.1 58.1

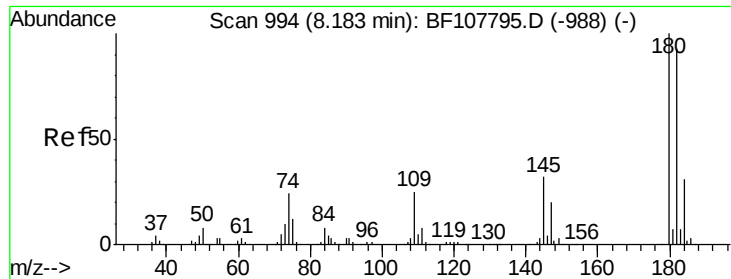


Abundance Ion 162.00 (161.70 to 162.70): BF1

Ion 164.00 (163.70 to 164.70): BF1

Ion 98.00 (97.70 to 98.70): BF1

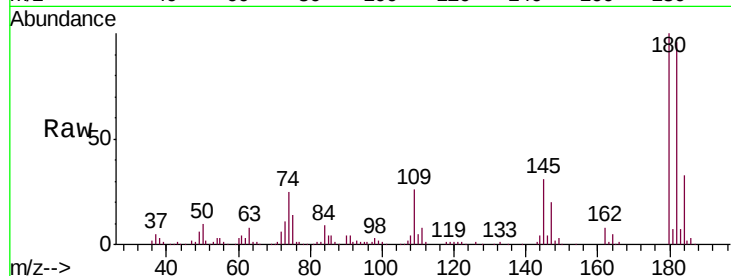




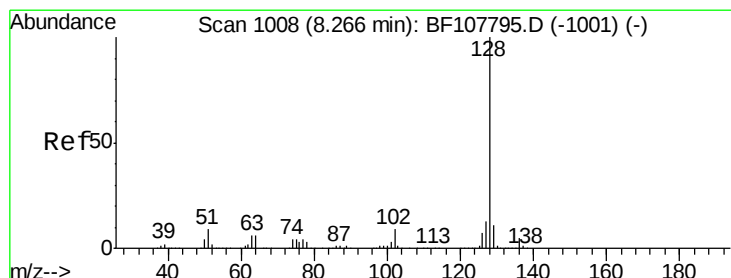
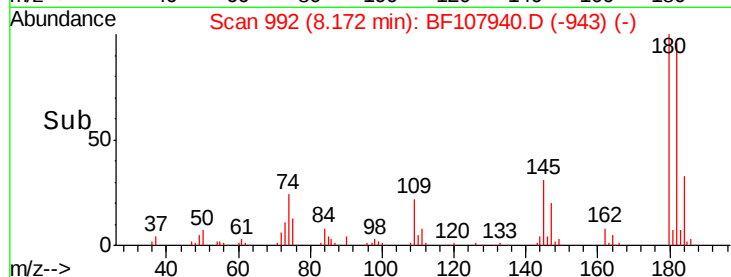
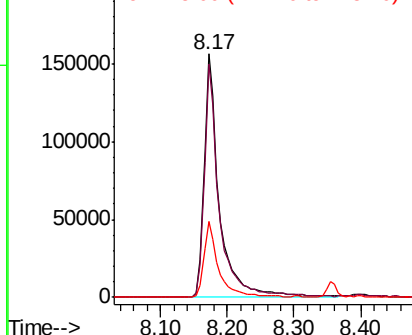
#30
1,2,4-Trichlorobenzene
Concen: 26.201 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Tgt Ion:180 Resp: 247365
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 31.4 26.5 39.7

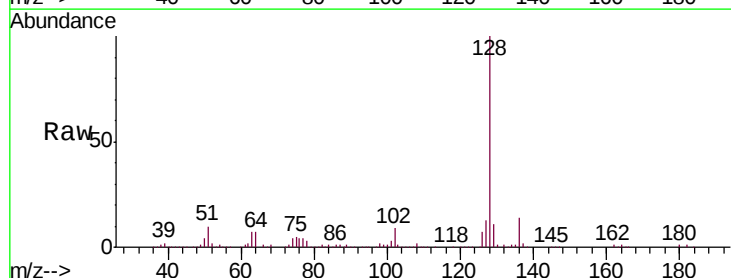


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

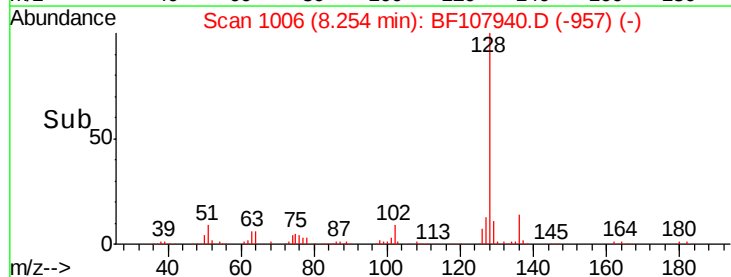
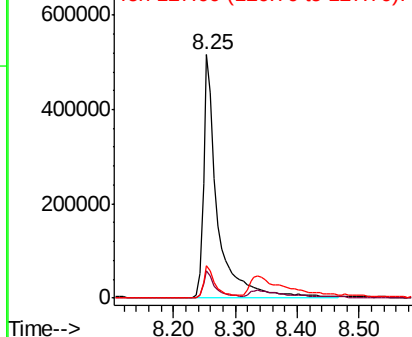


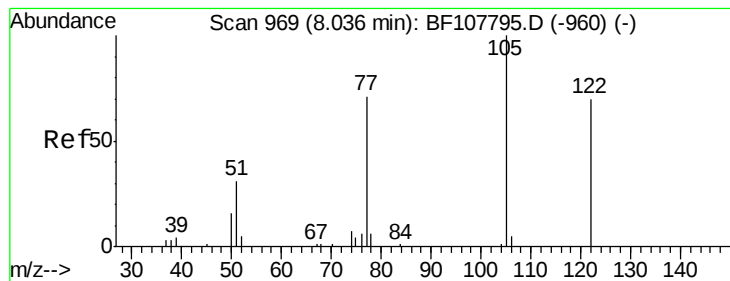
#31
Naphthalene
Concen: 29.492 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion:128 Resp: 820151
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.9 16.3



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





#32

Benzoic acid

Concen: 45.475 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.15 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

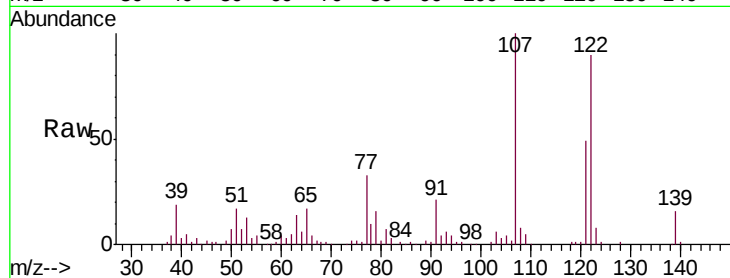
Tgt Ion:122 Resp: 224760

Ion Ratio Lower Upper

122 100

105 3.9 101.1 141.1#

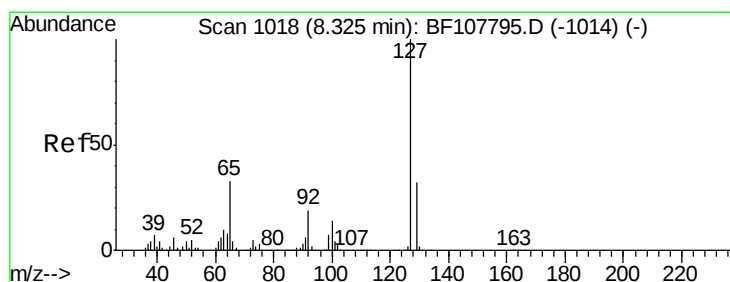
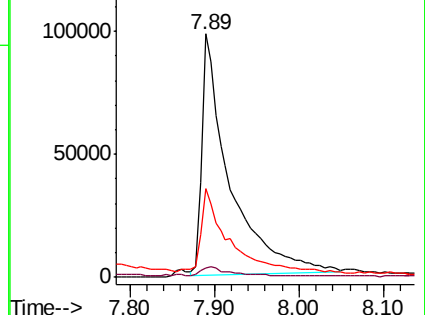
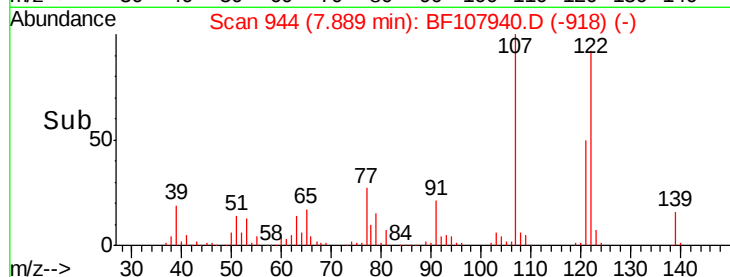
77 36.2 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 18.299 ng

RT: 8.34 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Tgt Ion:127 Resp: 217362

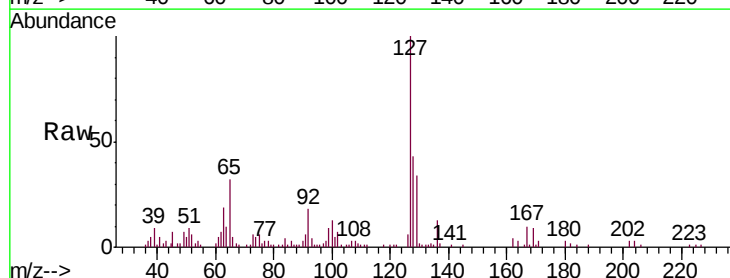
Ion Ratio Lower Upper

127 100

129 34.3 25.9 38.9

65 31.9 25.0 37.4

92 18.4 15.2 22.8

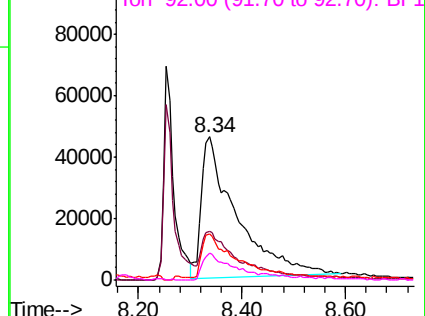
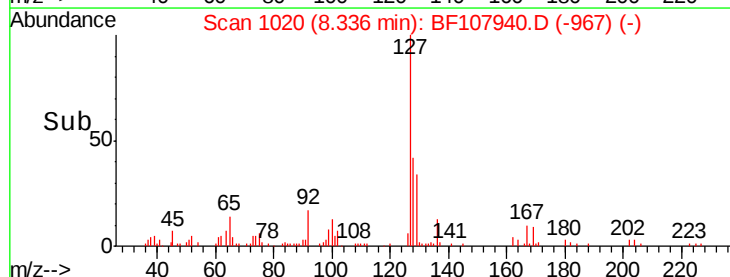


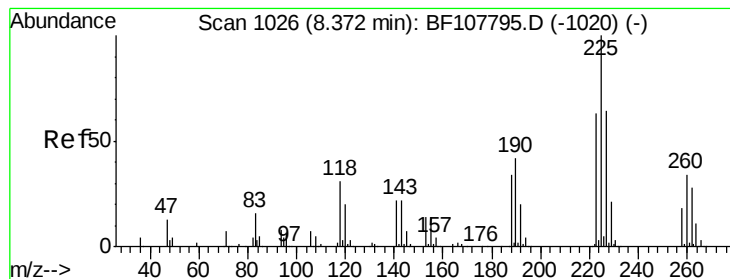
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 24.478 ng

RT: 8.35 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

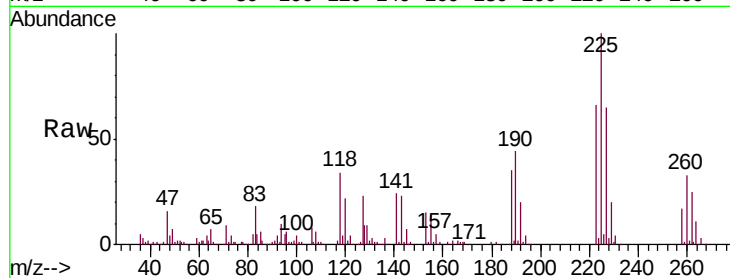
Tgt Ion: 225 Resp: 142815

Ion Ratio Lower Upper

225 100

223 66.2 50.6 76.0

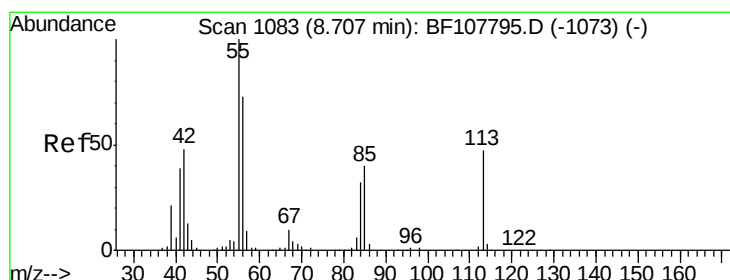
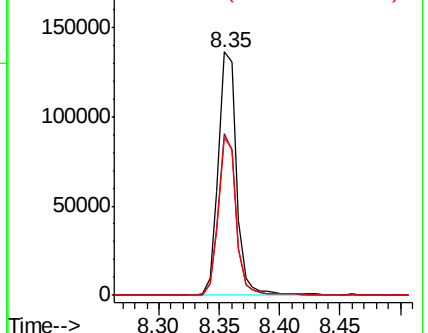
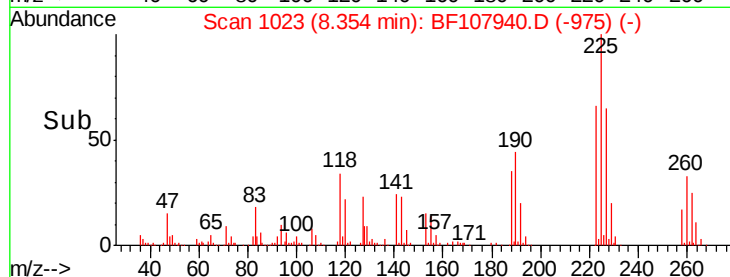
227 64.8 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 23.076 ng

RT: 8.67 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

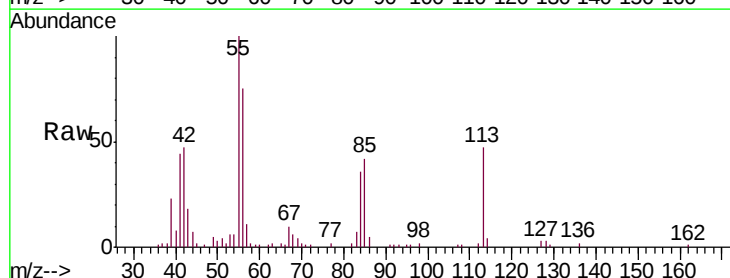
Tgt Ion: 113 Resp: 57491

Ion Ratio Lower Upper

113 100

55 211.8 163.3 203.3#

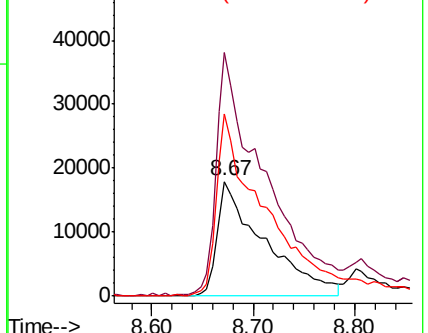
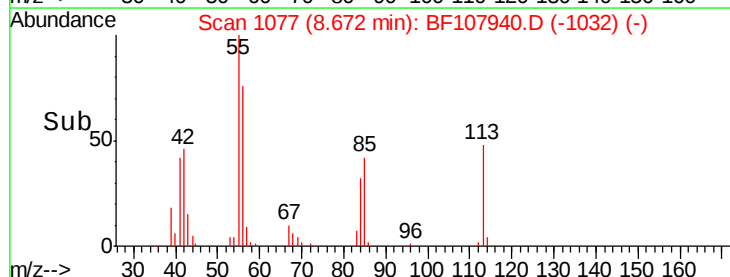
56 158.7 115.7 155.7#

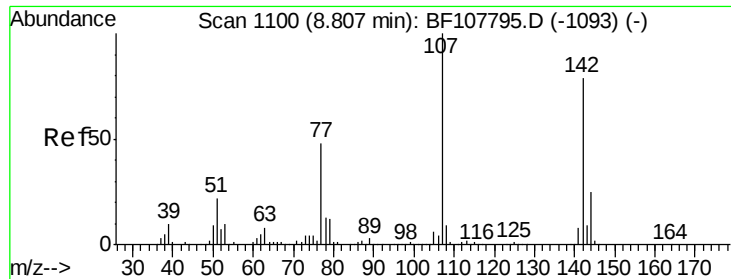


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

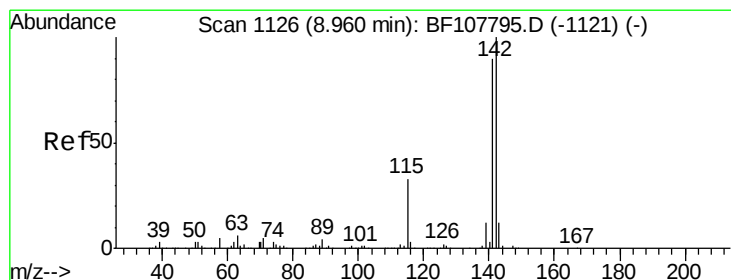
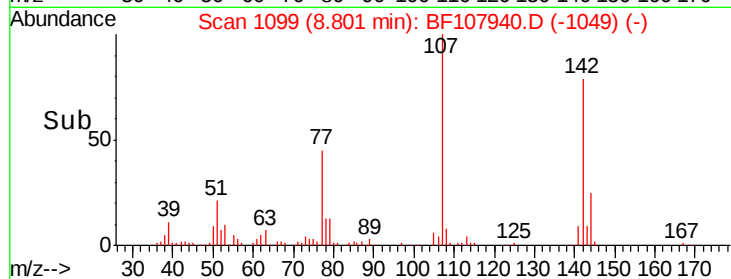
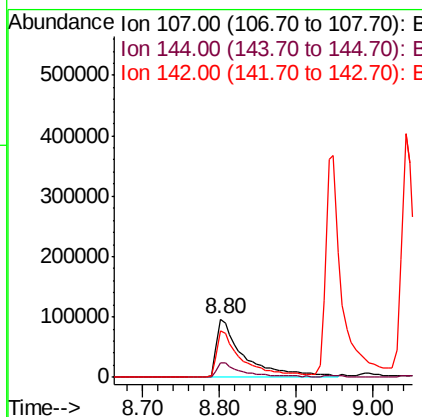
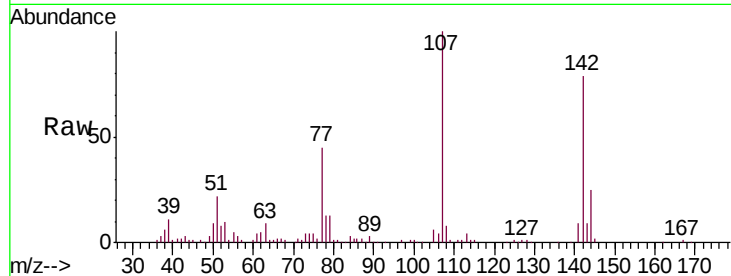




#36
 4-Chloro-3-methylphenol
 Concen: 26.311 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

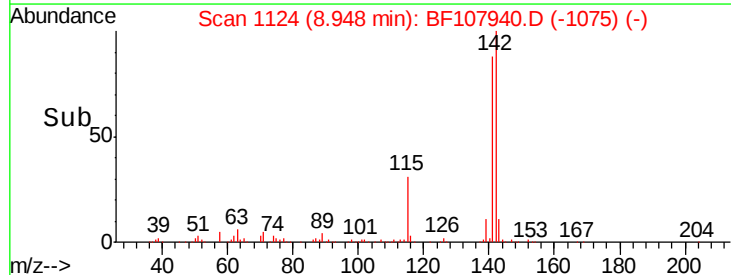
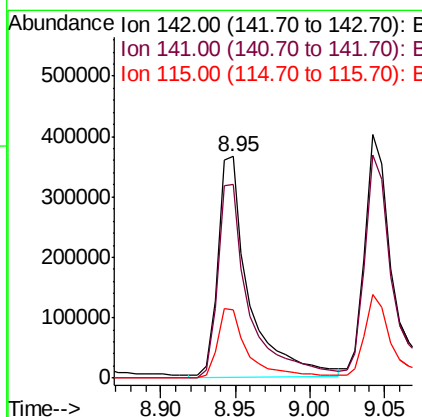
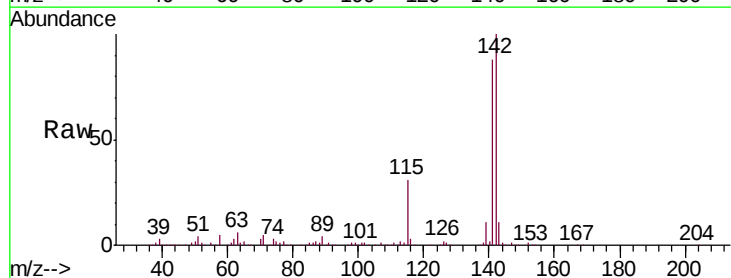
Instrument :
 BNA_F
 ClientSampleID :
 KG-PIT-2MS

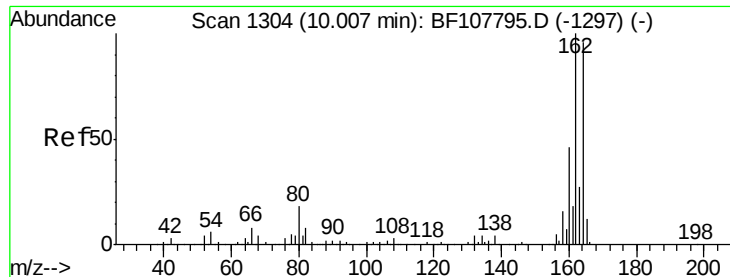
Tgt Ion:107 Resp: 236481
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 78.6 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 30.741 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion:142 Resp: 537004
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.8 106.2
 115 31.1 26.1 39.1

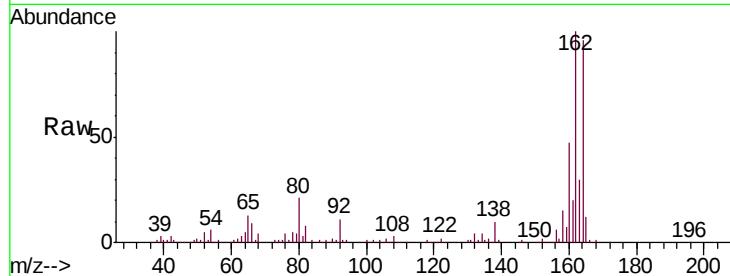




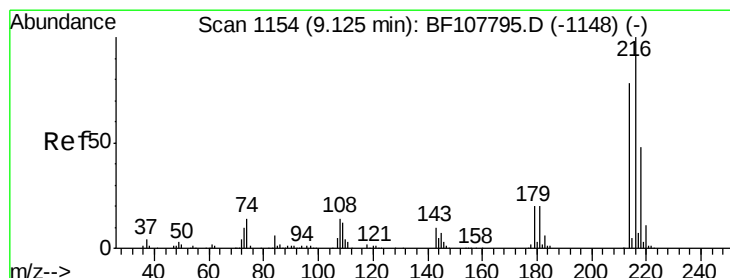
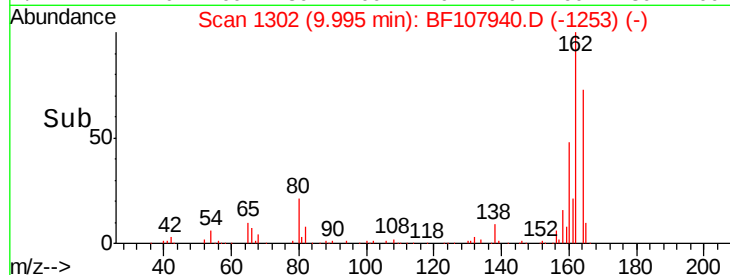
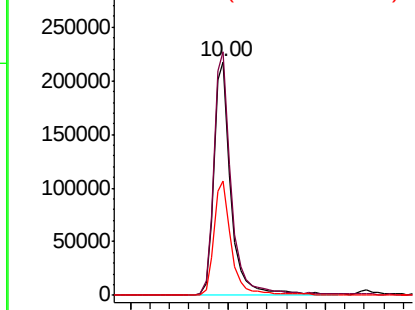
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Tgt Ion:164 Resp: 265654
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 49.0 38.3 57.5

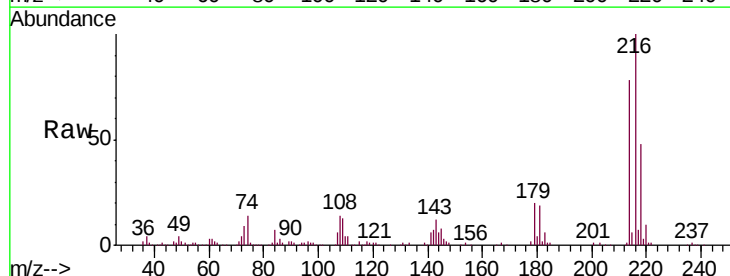


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

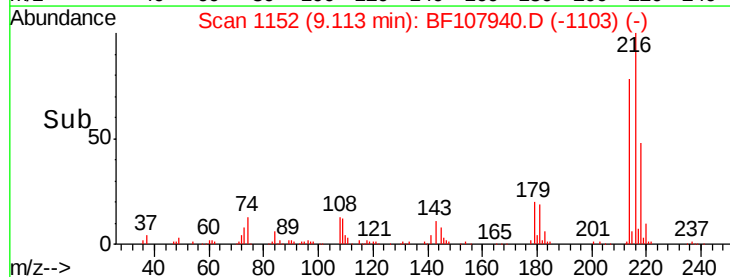
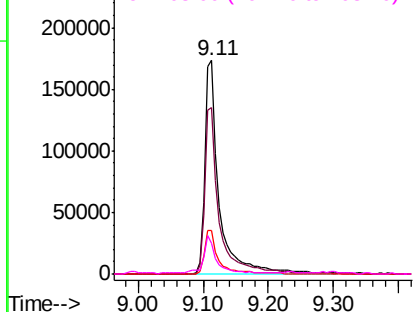


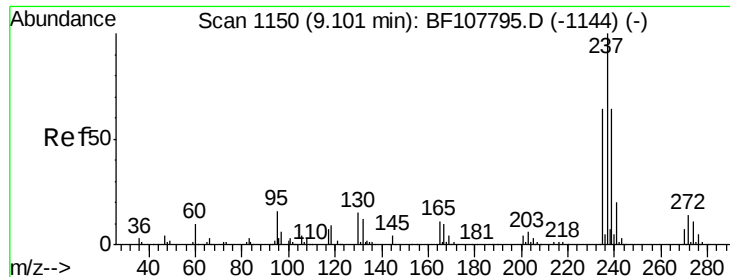
#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.091 ng
RT: 9.11 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion:216 Resp: 263493
Ion Ratio Lower Upper
216 100
214 77.5 63.0 94.4
179 20.3 18.1 27.1
108 16.5 17.2 25.8#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

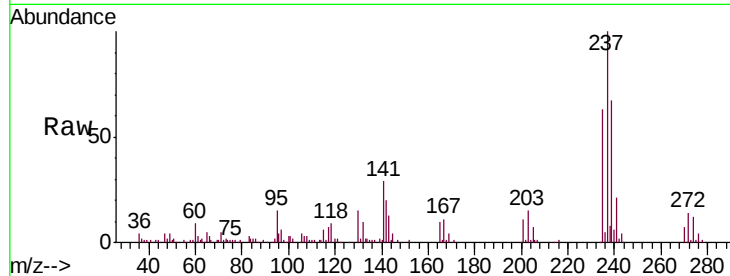




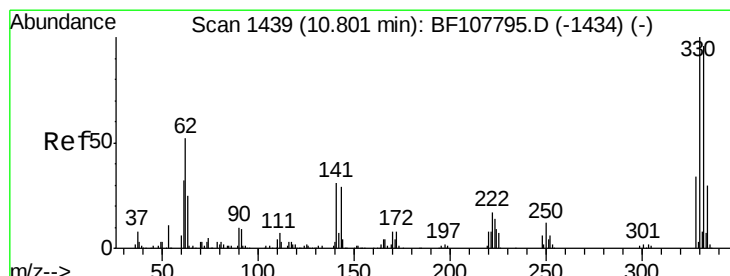
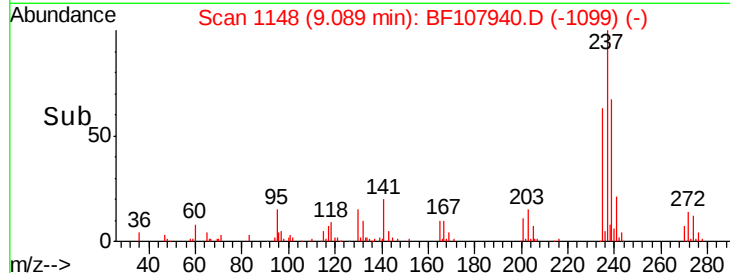
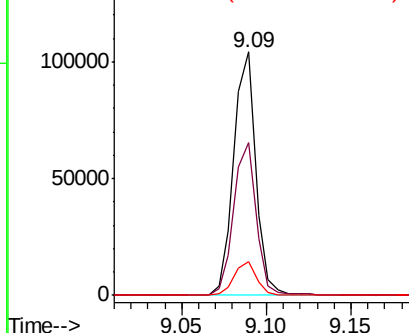
#40
Hexachlorocyclopentadiene
Concen: 29.576 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Tgt Ion: 237 Resp: 95231
Ion Ratio Lower Upper
237 100
235 62.7 44.8 84.8
272 13.7 0.0 33.3

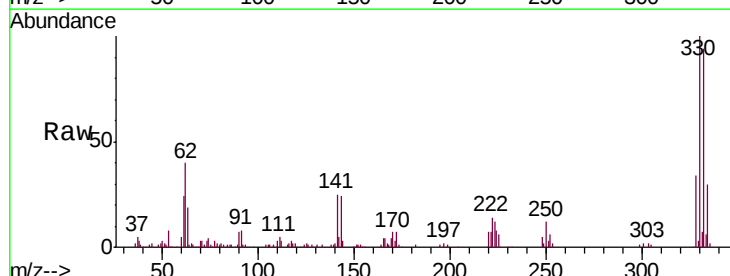


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

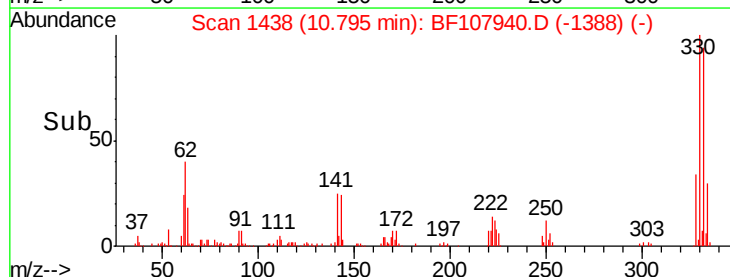
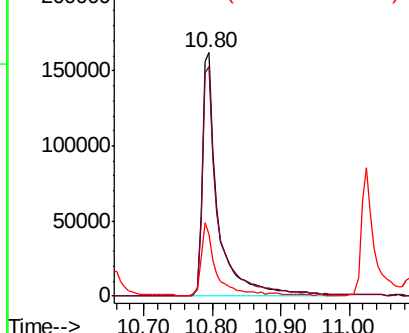


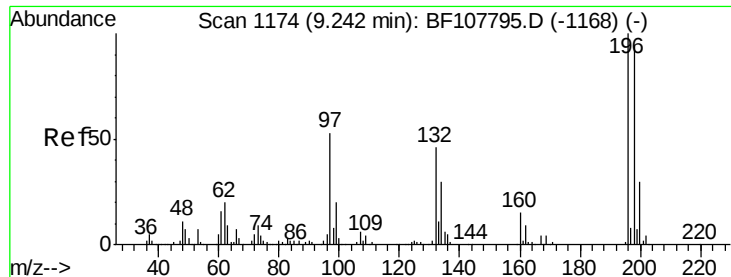
#41
2,4,6-Tribromophenol
Concen: 73.564 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion: 330 Resp: 265544
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 27.7 29.9 44.9#



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





#42

2,4,6-Trichlorophenol

Concen: 27.250 ng

RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

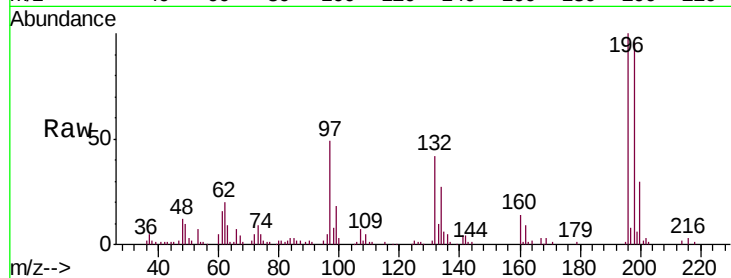
Tgt Ion:196 Resp: 136450

Ion Ratio Lower Upper

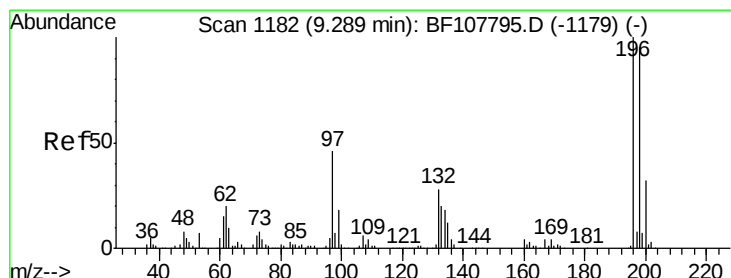
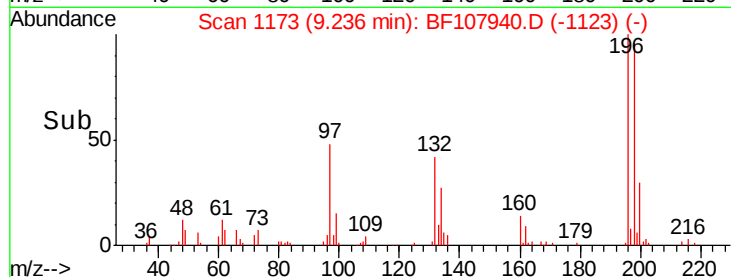
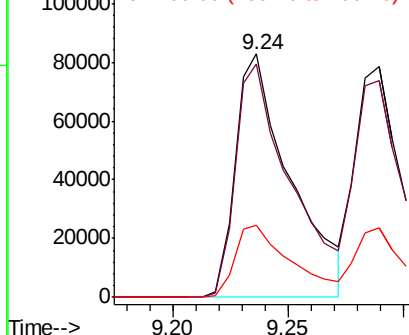
196 100

198 95.9 75.7 113.5

200 29.6 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 26.384 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Tgt Ion:196 Resp: 159044

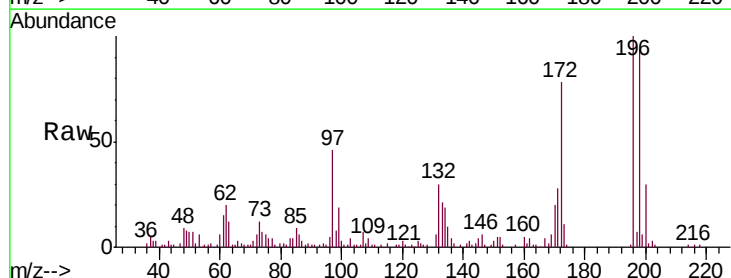
Ion Ratio Lower Upper

196 100

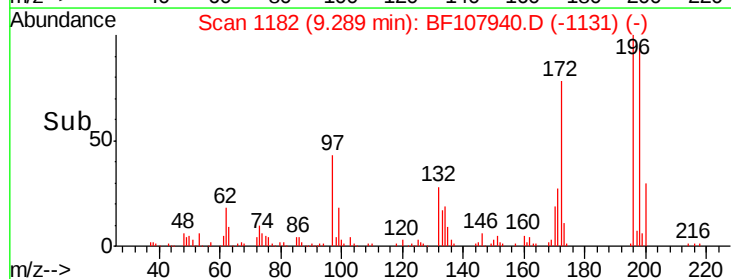
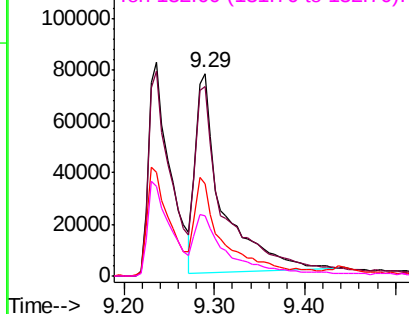
198 93.8 74.6 112.0

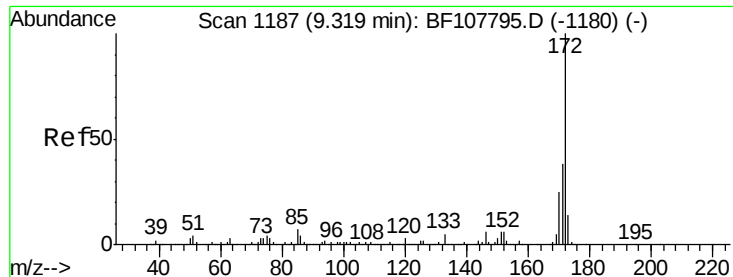
97 45.8 42.9 64.3

132 29.5 26.3 39.5



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

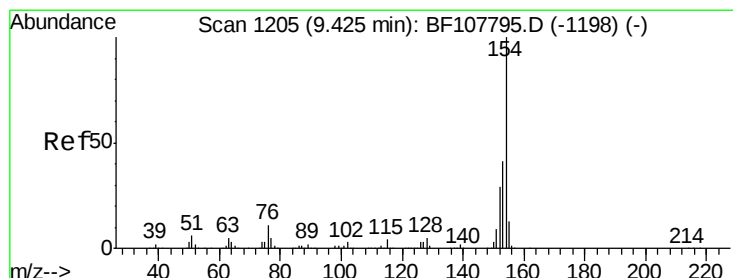
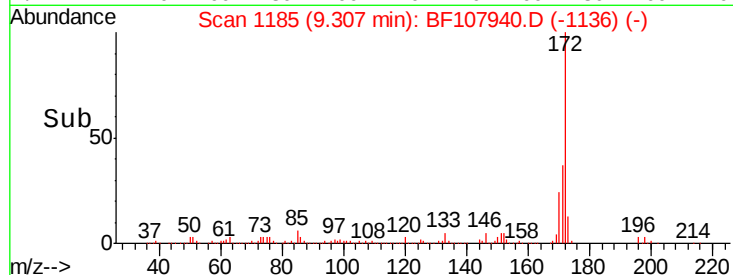
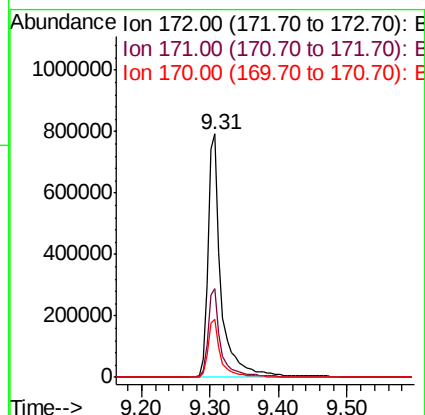
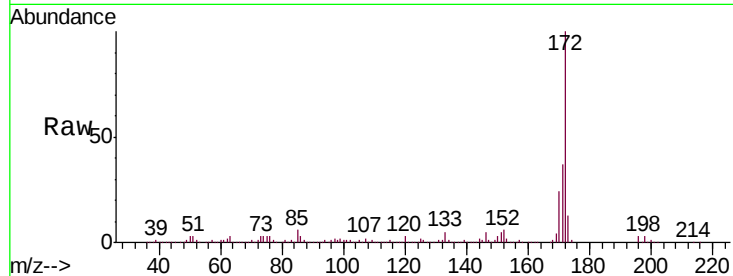




#44
 2-Fluorobiphenyl
 Concen: 56.973 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

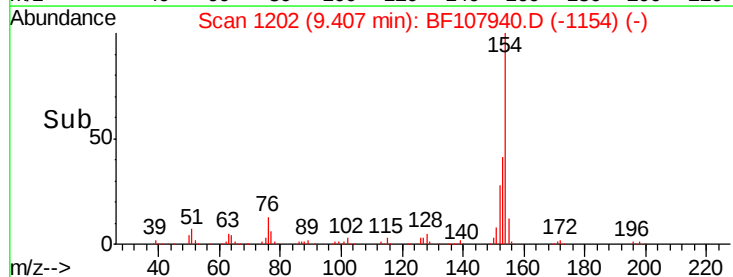
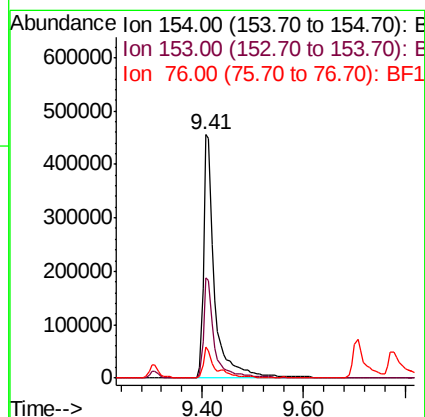
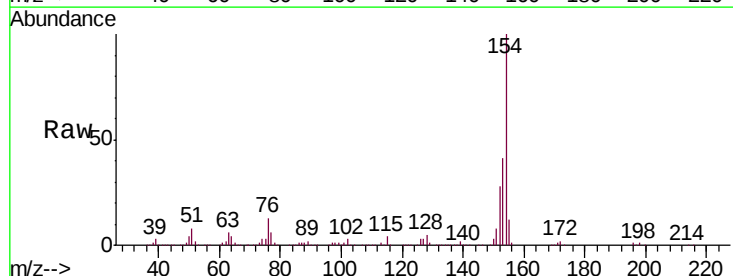
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

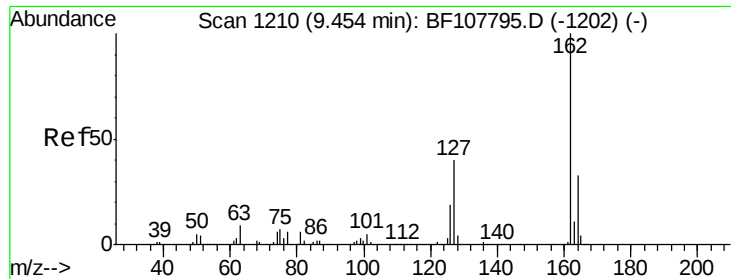
Tgt Ion:172 Resp: 1086130
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.8 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 28.918 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion:154 Resp: 699123
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 12.7 0.0 34.0

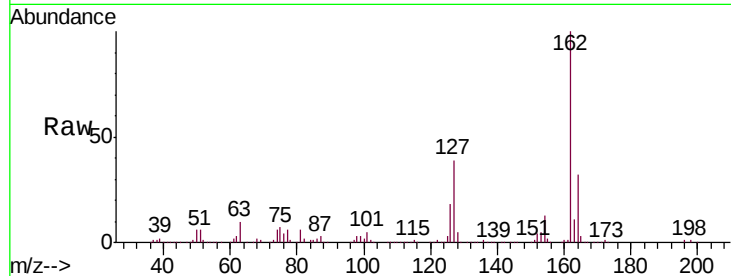




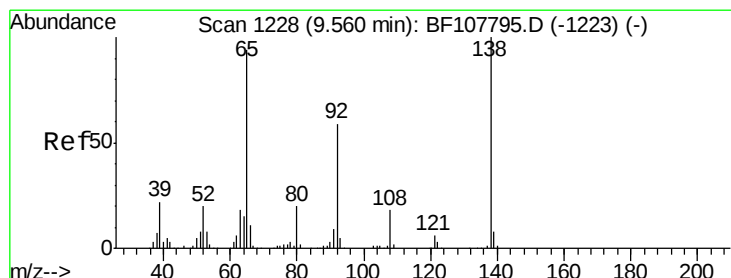
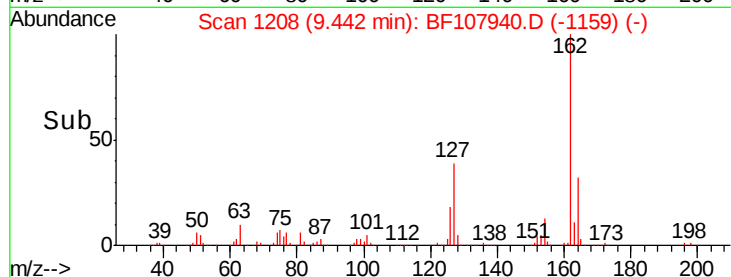
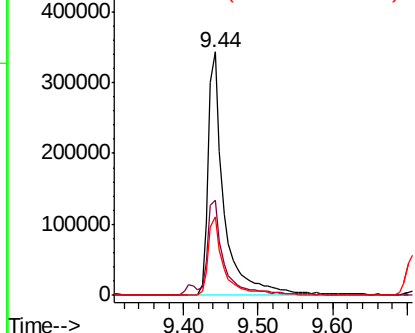
#46
 2-Chloronaphthalene
 Concen: 28.204 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

Tgt Ion: 162 Resp: 514191
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.9 50.9
 164 32.2 26.5 39.7

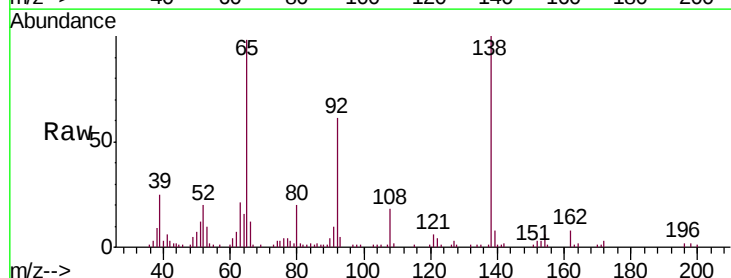


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

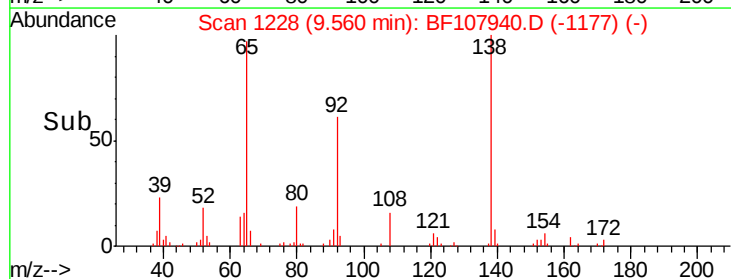
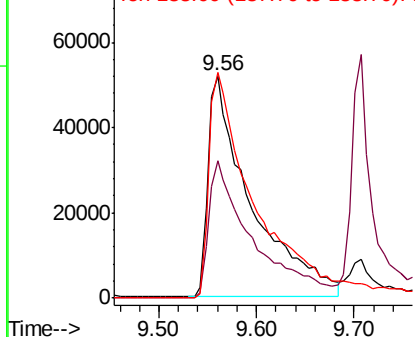


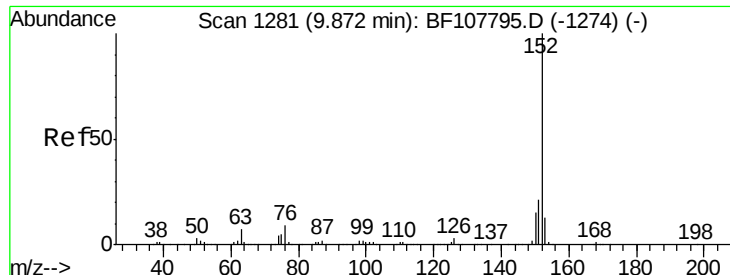
#47
 2-Nitroaniline
 Concen: 26.733 ng
 RT: 9.56 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion: 65 Resp: 158530
 Ion Ratio Lower Upper
 65 100
 92 62.0 55.8 83.6
 138 101.6 91.2 136.8



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





#48

Acenaphthylene

Concen: 29.488 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

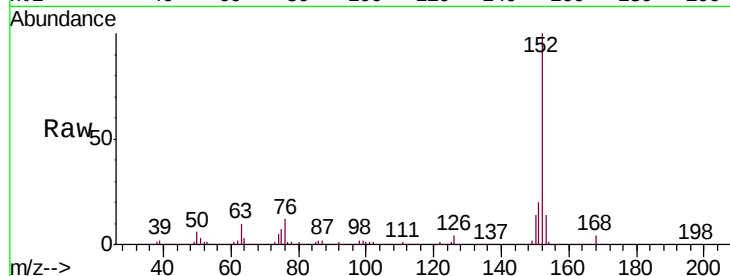
Tgt Ion:152 Resp: 833430

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

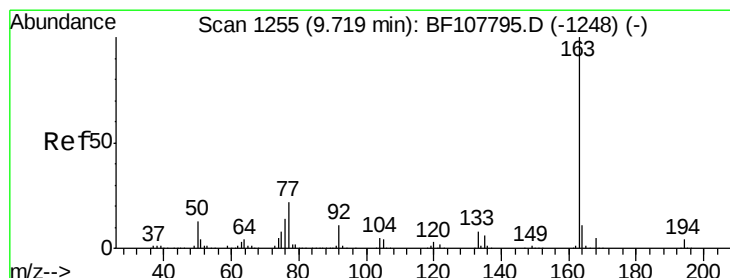
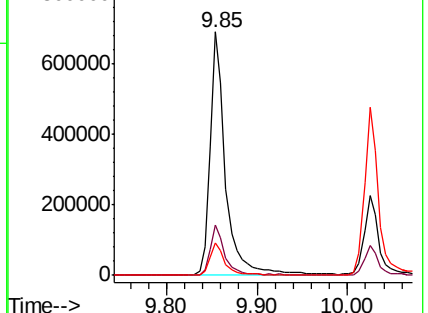
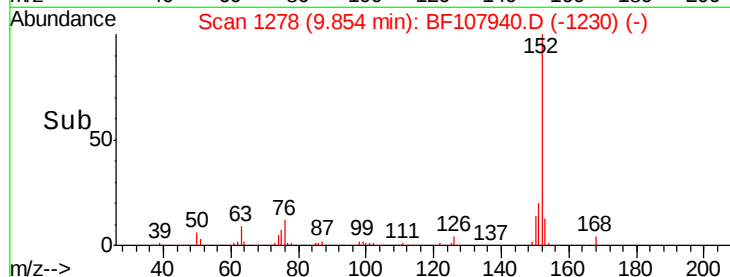
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 35.166 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

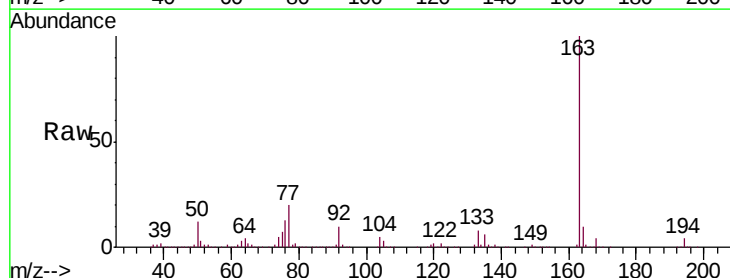
Tgt Ion:163 Resp: 701594

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

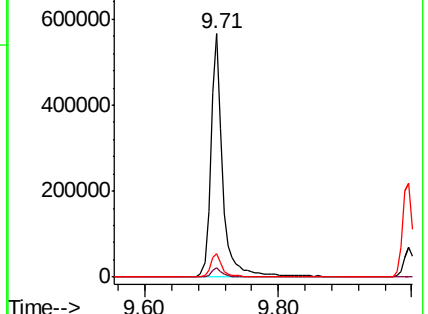
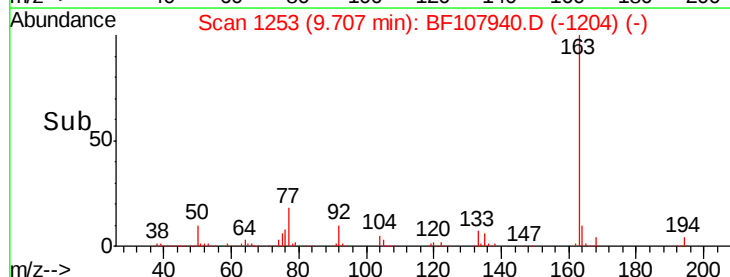
164 9.9 8.2 12.2

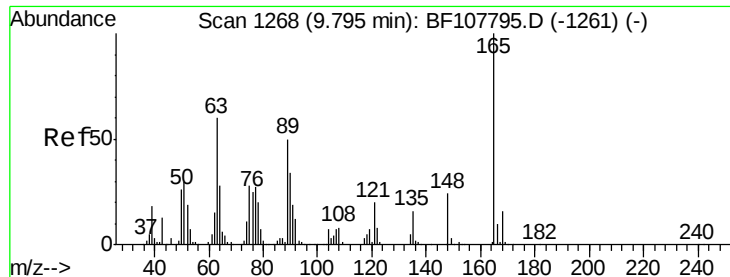


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

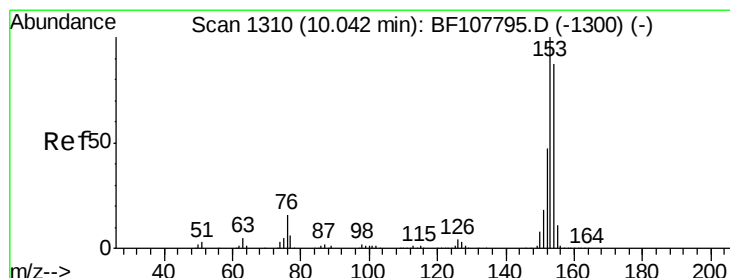
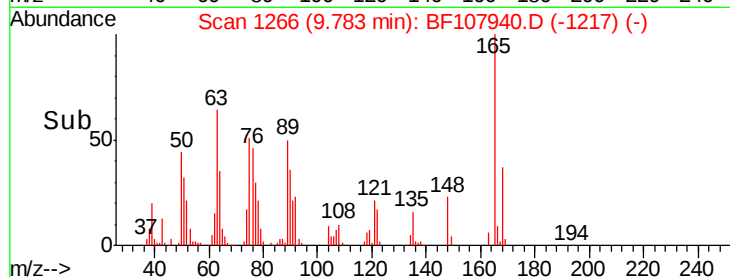
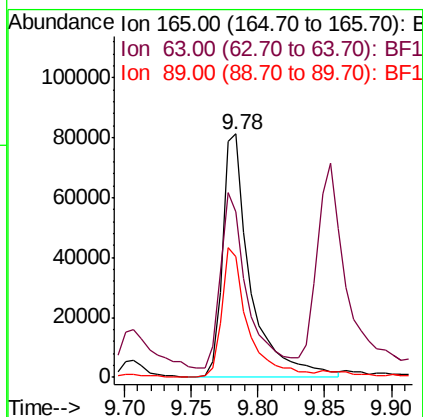
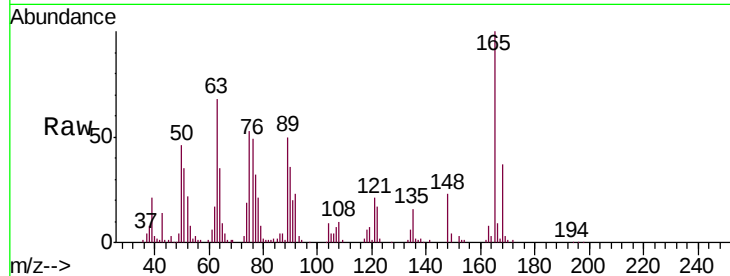




#50
2,6-Dinitrotoluene
Concen: 27.604 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

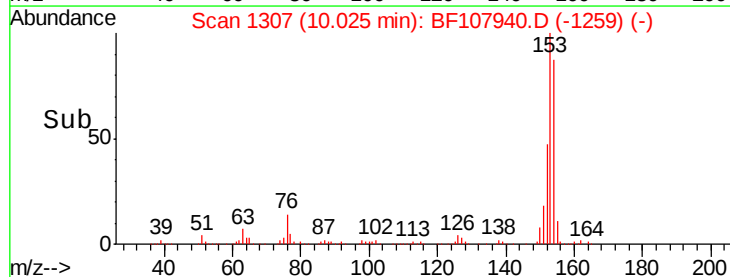
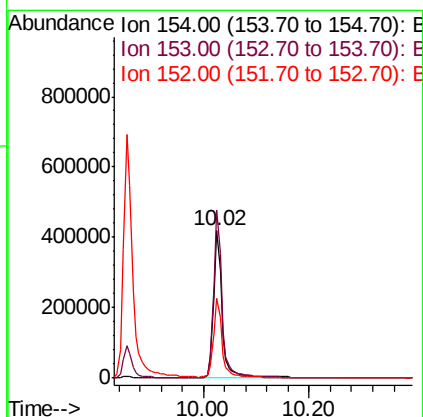
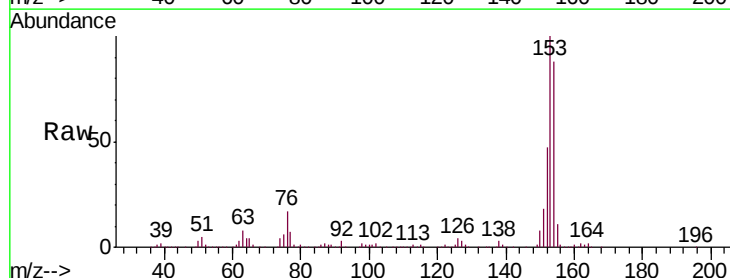
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

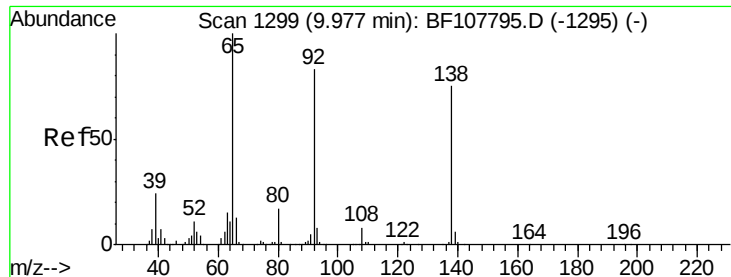
Tgt Ion:165 Resp: 119681
Ion Ratio Lower Upper
165 100
63 67.8 44.7 67.1#
89 49.6 44.0 66.0



#51
Acenaphthene
Concen: 29.613 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion:154 Resp: 486189
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 54.0 43.8 65.8

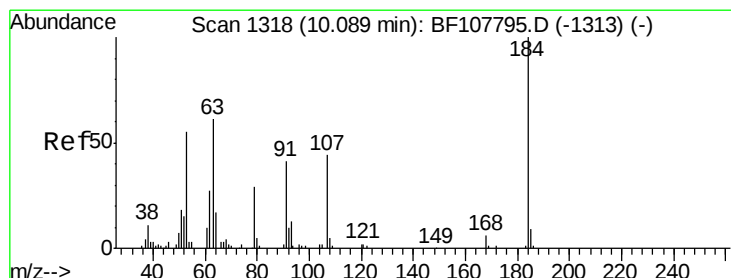
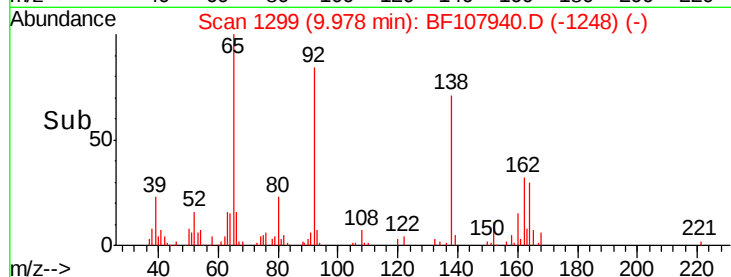
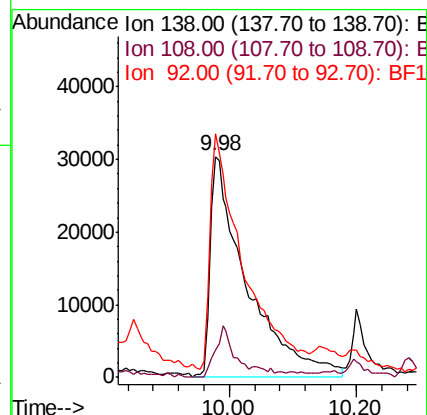
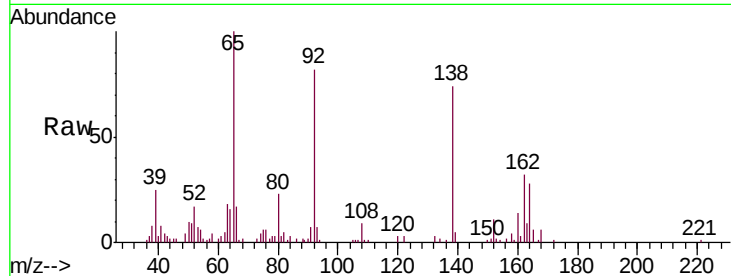




#52
 3-Nitroaniline
 Concen: 22.432 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

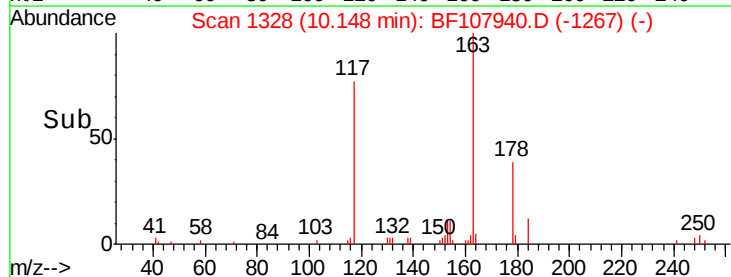
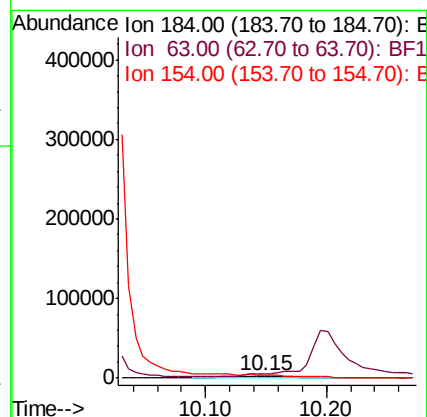
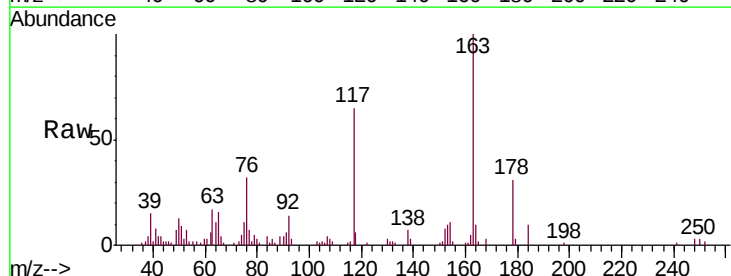
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

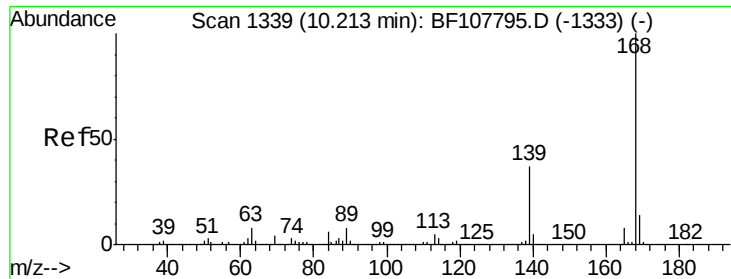
Tgt Ion:138 Resp: 122558
 Ion Ratio Lower Upper
 138 100
 108 12.3 9.4 14.0
 92 110.4 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 12.235 ng
 RT: 10.15 min Scan# 1328
 Delta R.T. 0.06 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion:184 Resp: 9695
 Ion Ratio Lower Upper
 184 100
 63 176.3 54.2 81.2#
 154 113.0 184.0 276.0#





#54

Dibenzenofuran

Concen: 27.775 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

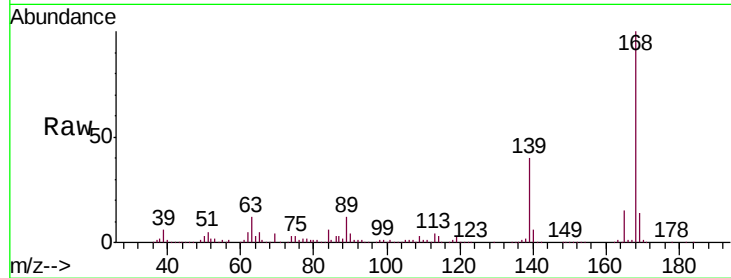
Tgt Ion:168 Resp: 704843

Ion Ratio Lower Upper

168 100

139 39.7 30.1 45.1

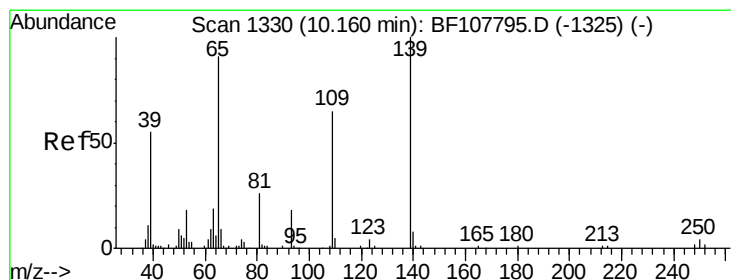
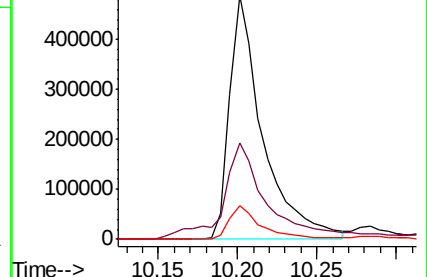
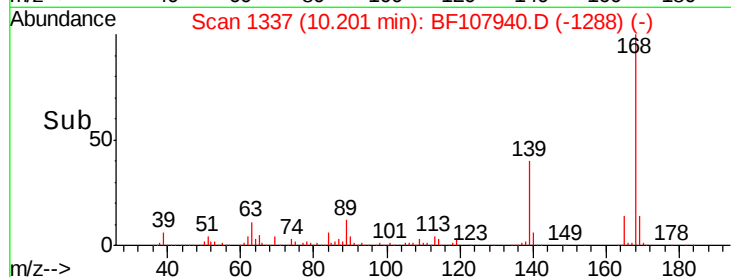
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 153.010 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.04 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

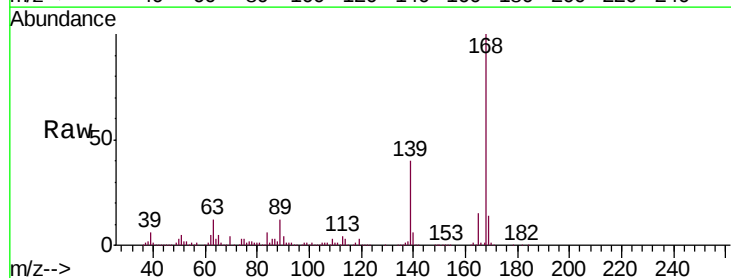
Tgt Ion:139 Resp: 418171

Ion Ratio Lower Upper

139 100

109 6.5 48.4 88.4#

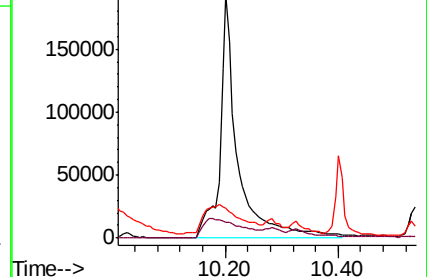
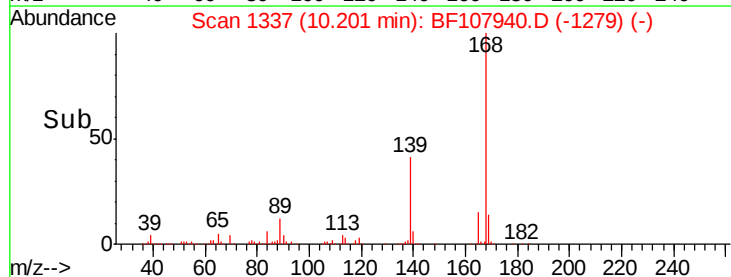
65 12.3 72.6 112.6#

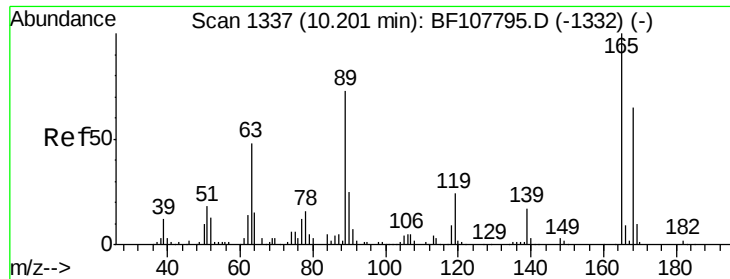


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

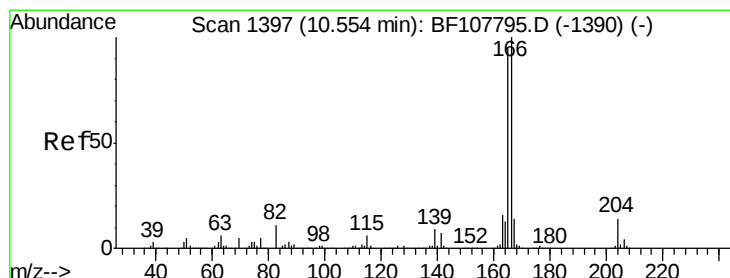
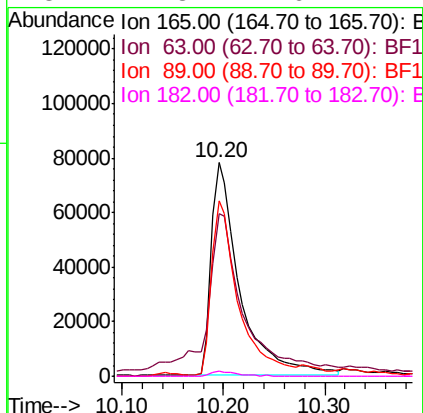
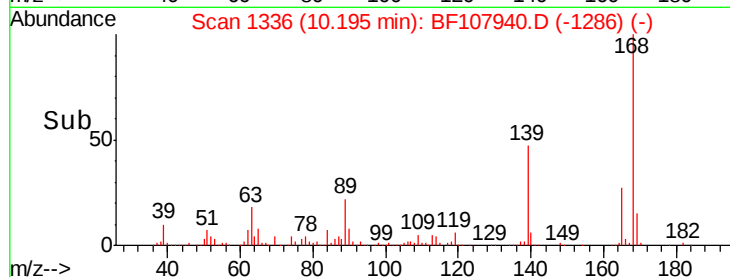
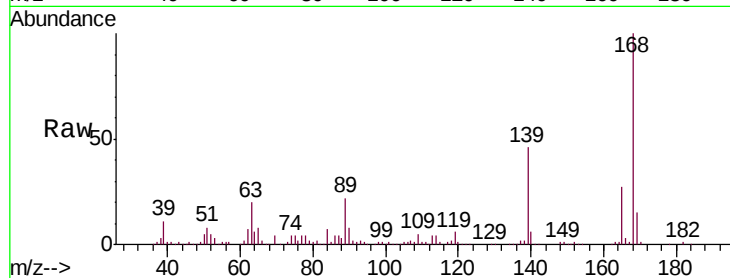




#56
2,4-Dinitrotoluene
Concen: 26.707 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

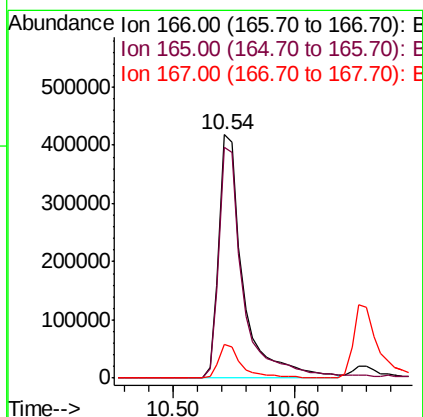
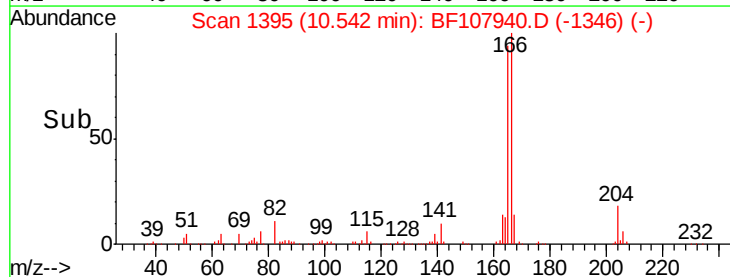
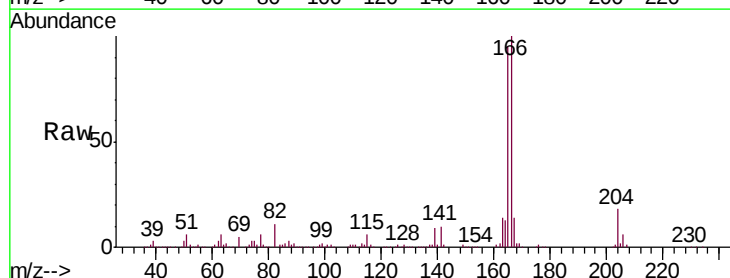
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

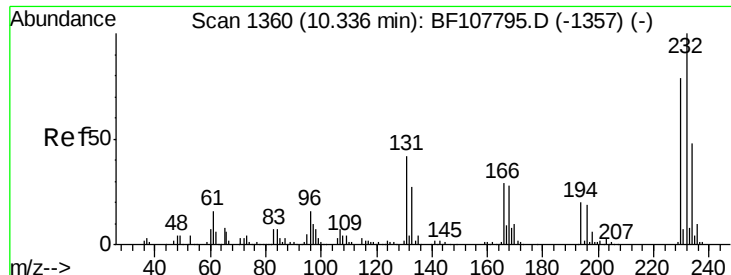
Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.1	36.4	54.6
89	82.1	57.8	86.6
182	2.3	1.6	2.4



#57
Fluorene
Concen: 29.339 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	79.8	119.8
167	13.7	10.6	16.0

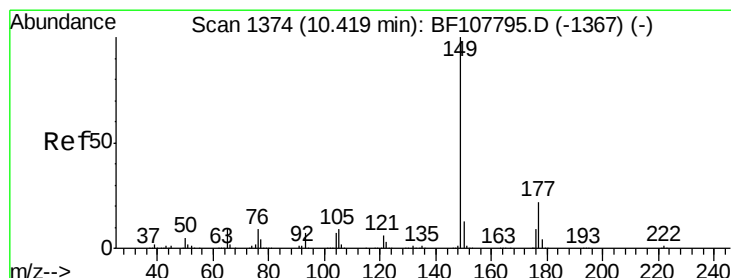
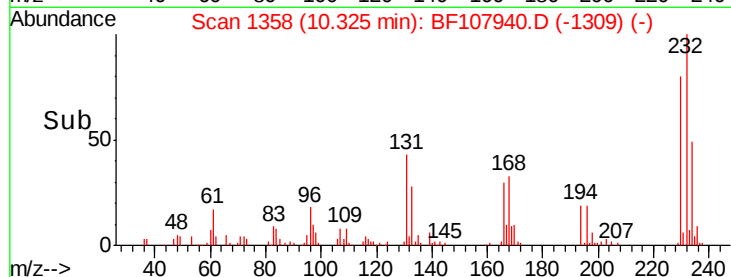
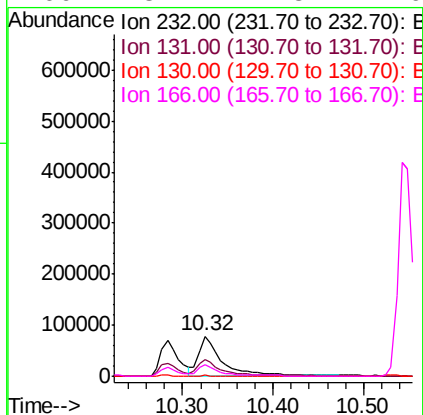
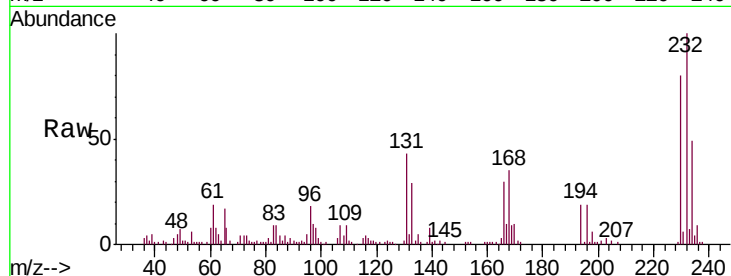




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.905 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

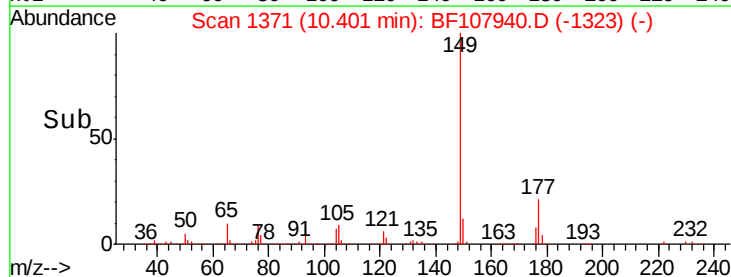
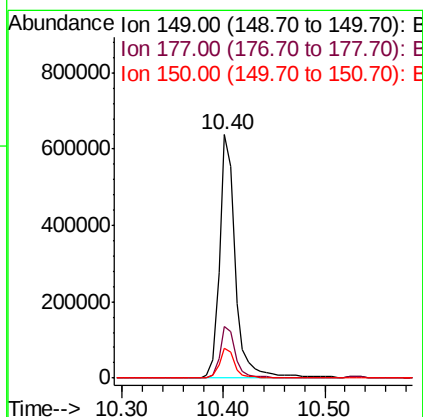
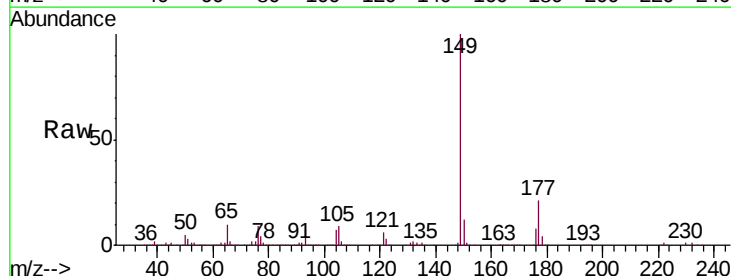
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

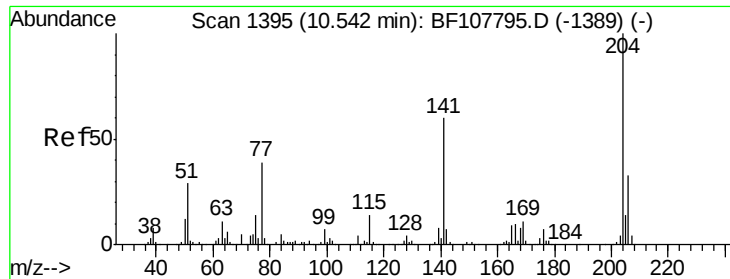
Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.7	43.8	65.8#
130	1.8	2.1	3.1#
166	23.7	27.8	41.6#



#59
 Diethylphthalate
 Concen: 32.241 ng
 RT: 10.40 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.3	10.1	15.1

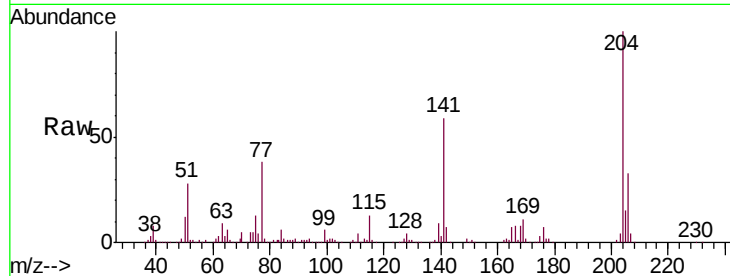




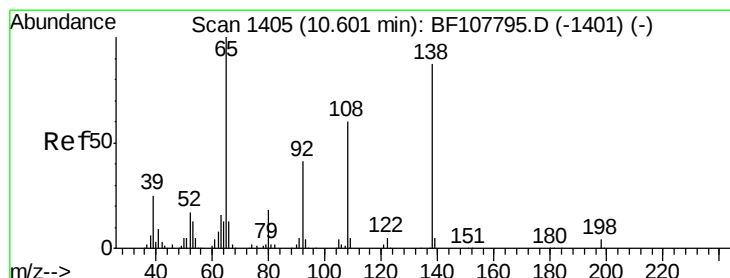
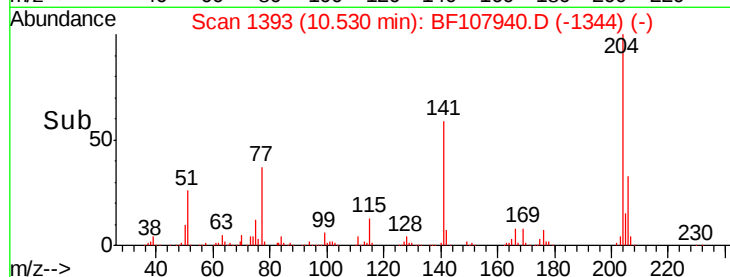
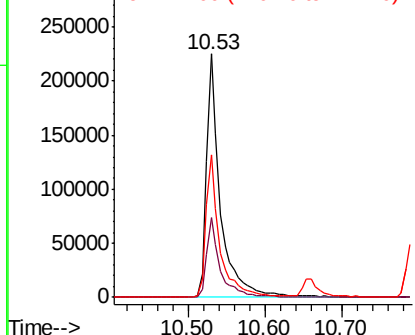
#60
4-Chlorophenyl-phenylether
Concen: 26.413 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Tgt Ion: 204 Resp: 283766
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 58.8 54.6 81.8

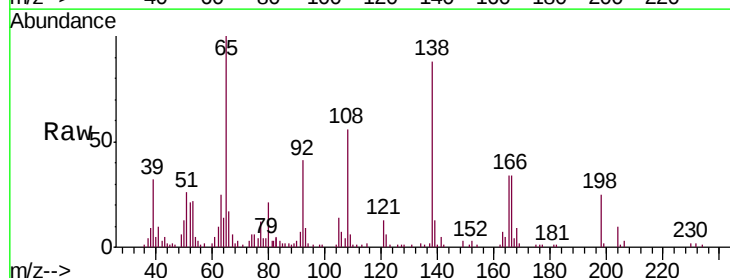


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

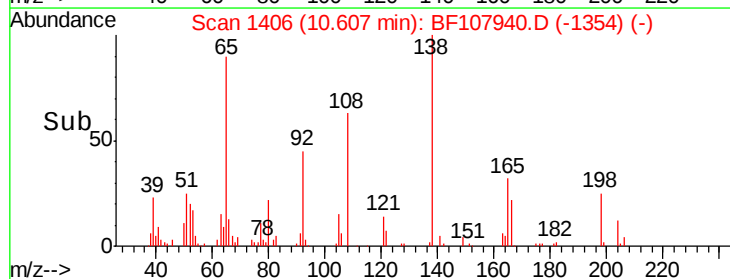
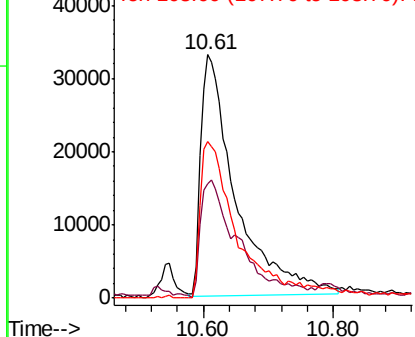


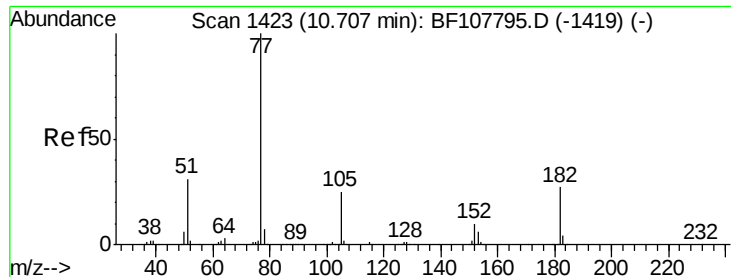
#61
4-Nitroaniline
Concen: 25.310 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion: 138 Resp: 122716
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 64.4 52.5 92.5



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





#62

Azobenzene

Concen: 26.736 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

Tgt Ion: 77 Resp: 534132

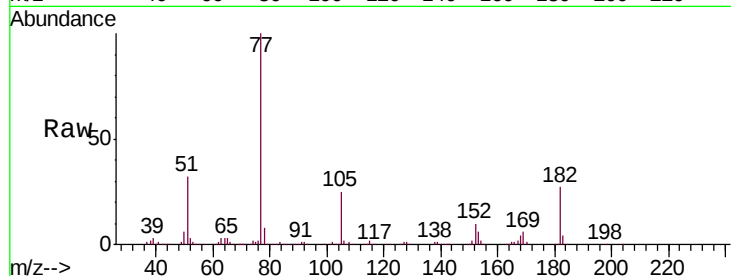
Ion Ratio Lower Upper

77 100

182 26.9 1.7 41.7

105 24.9 3.0 43.0

51 32.1 9.9 49.9



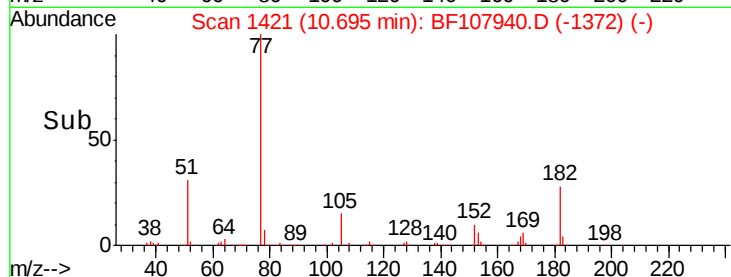
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

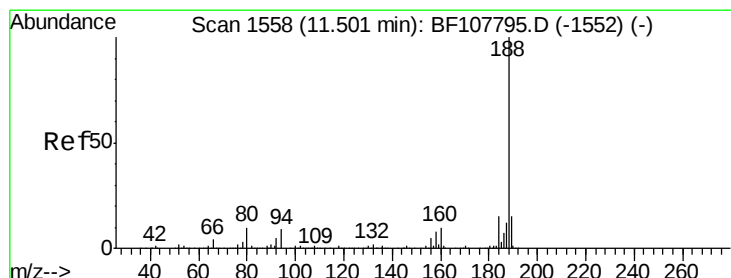
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

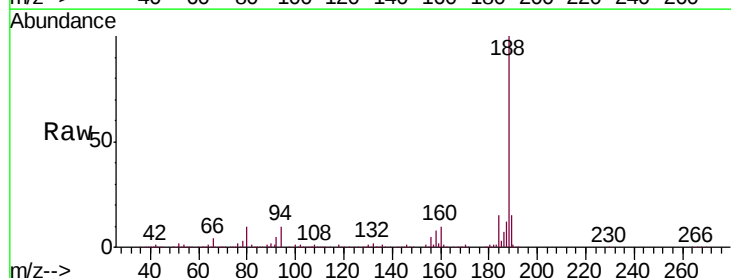
Tgt Ion: 188 Resp: 527520

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

80 9.8 9.2 13.8

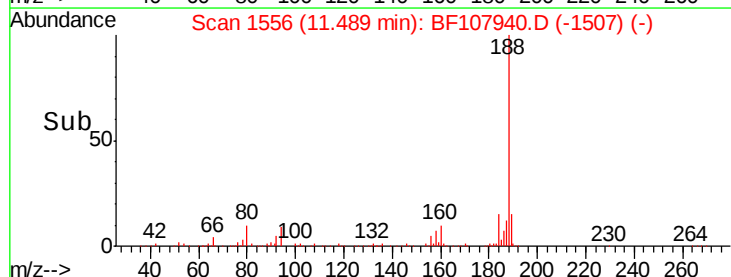


Abundance Ion 188.00 (187.70 to 188.70): BF1

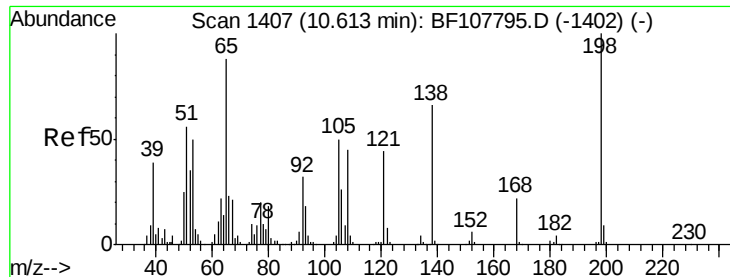
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



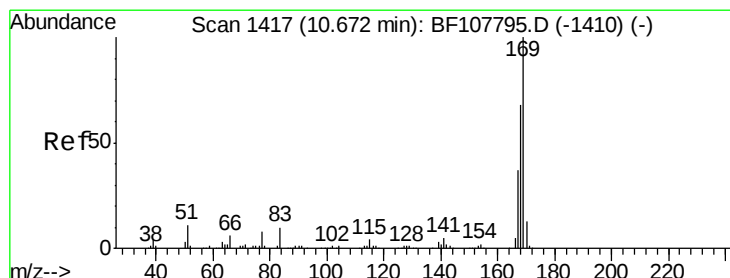
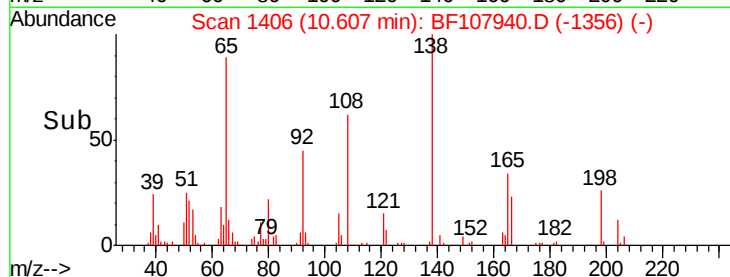
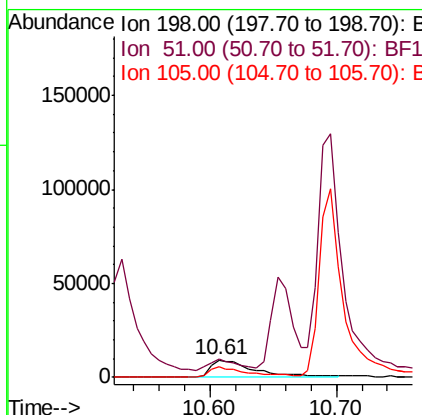
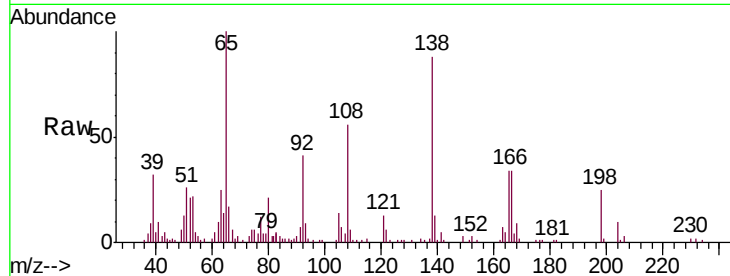
Time-->



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.000 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

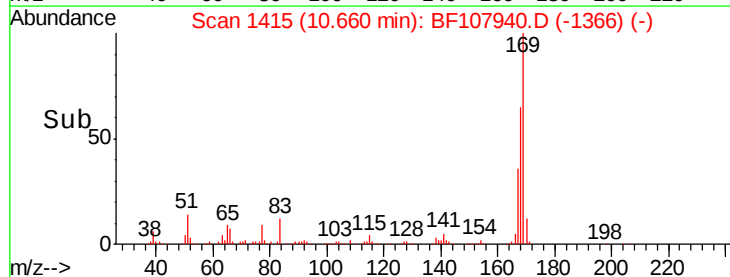
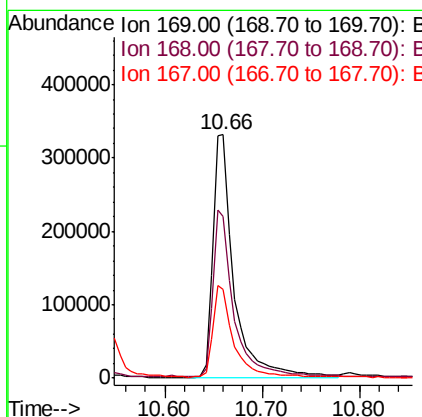
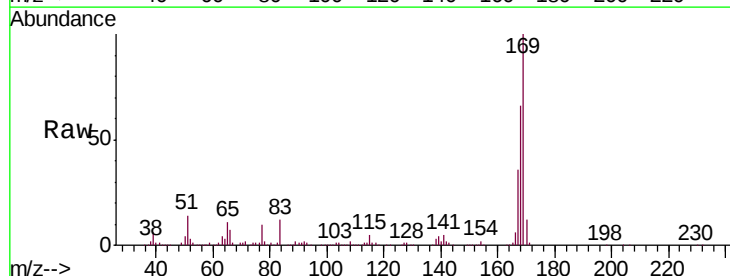
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MS

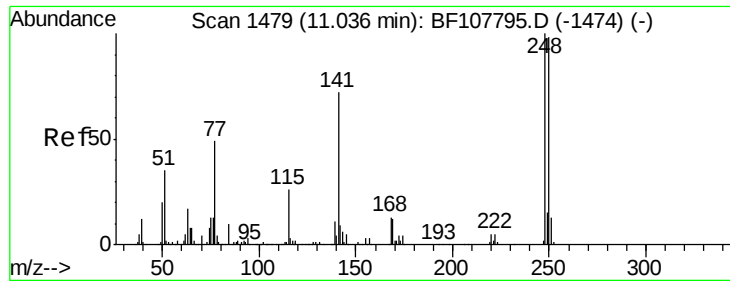
Tgt Ion:198 Resp: 22959
 Ion Ratio Lower Upper
 198 100
 51 104.7 37.7 77.7#
 105 56.7 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 28.605 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF107940.D
 Acq: 3 Aug 2018 16:23

Tgt Ion:169 Resp: 496863
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.4 29.8 44.6

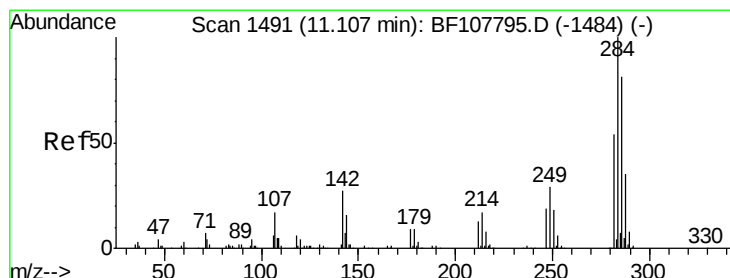
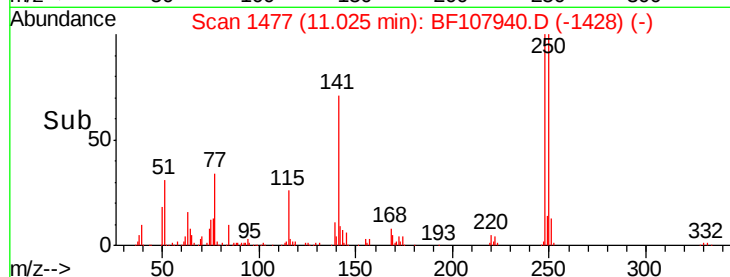
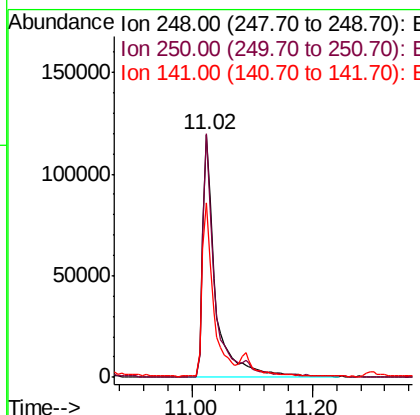
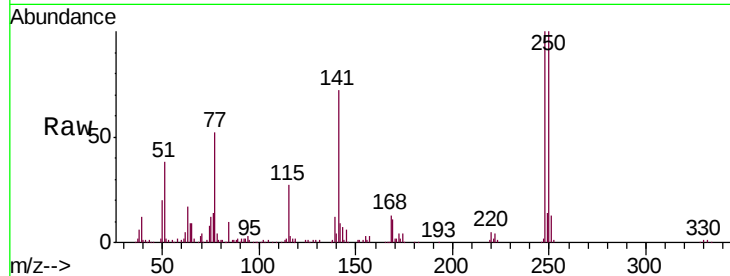




#66
4-Bromophenyl-phenylether
Concen: 28.733 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

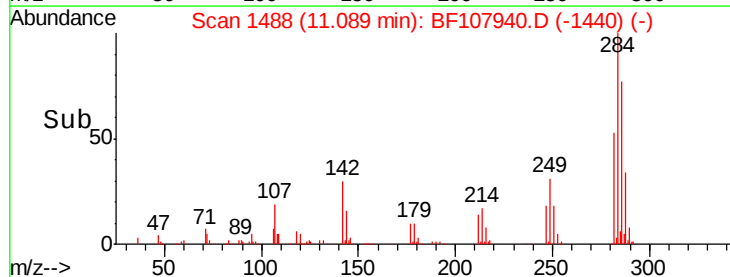
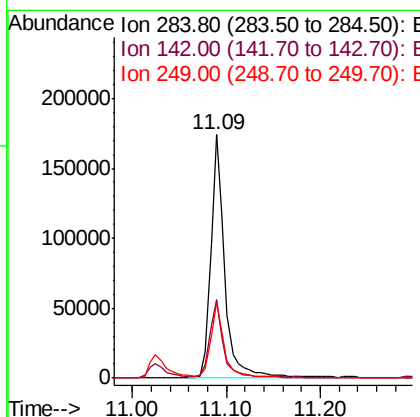
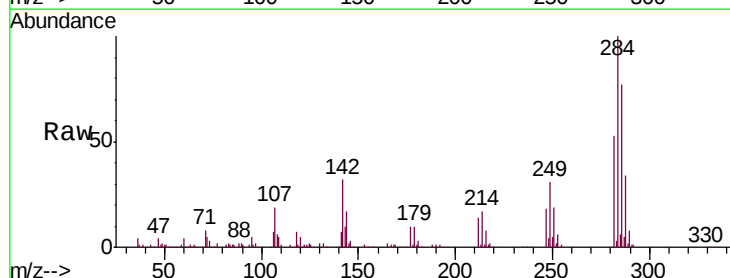
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

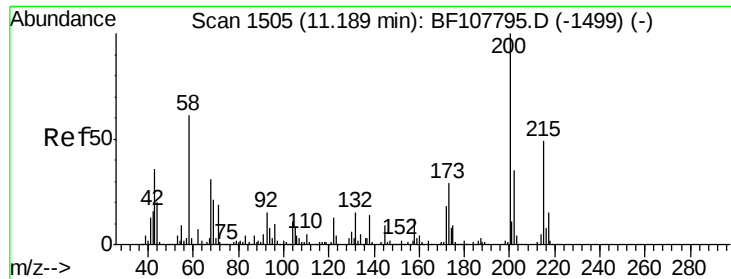
Tgt Ion:248 Resp: 176668
Ion Ratio Lower Upper
248 100
250 100.3 76.9 115.3
141 71.9 74.4 111.6#



#67
Hexachlorobenzene
Concen: 27.040 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion:284 Resp: 184363
Ion Ratio Lower Upper
284 100
142 32.0 34.6 52.0#
249 31.3 24.8 37.2

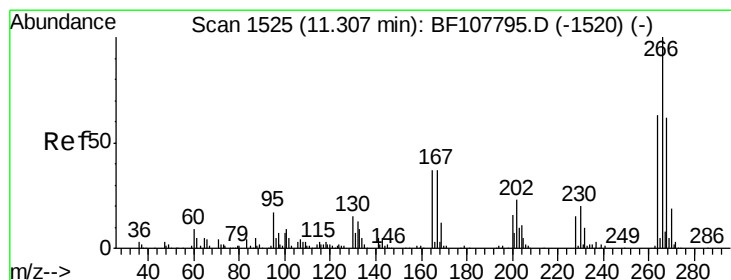
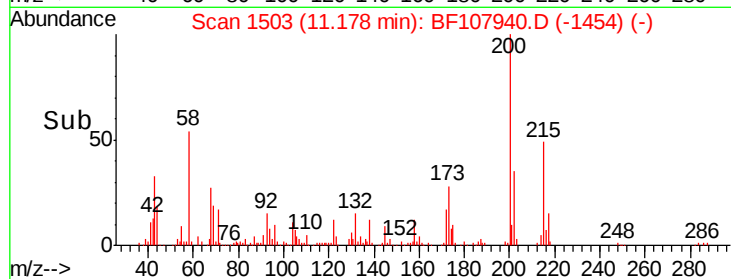
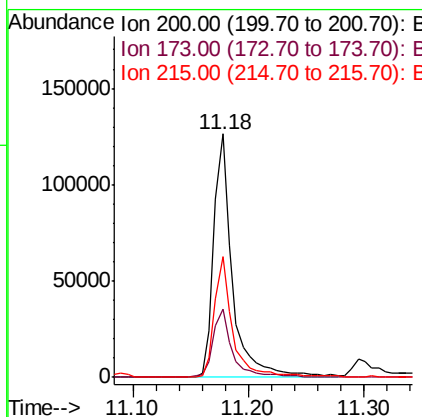
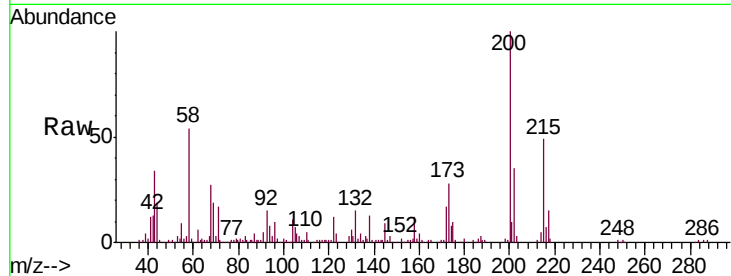




#68
Atrazine
Concen: 27.933 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

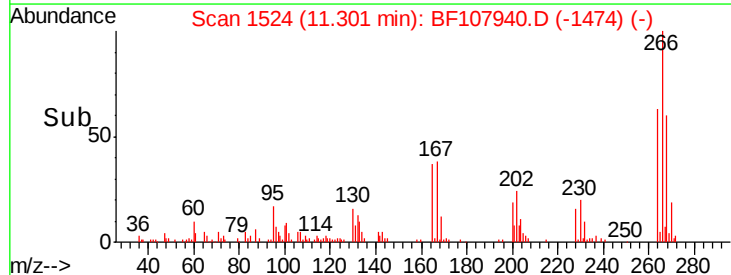
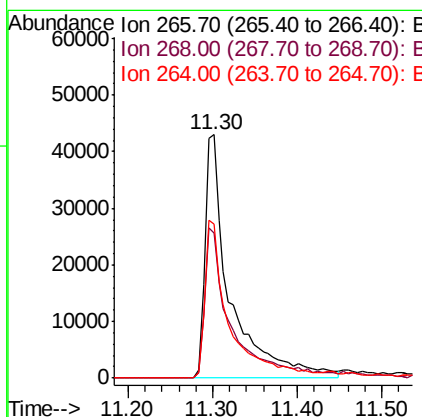
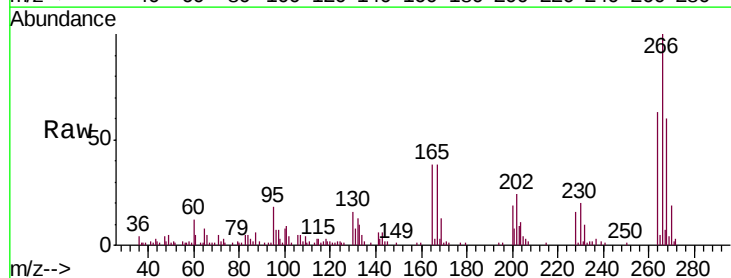
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

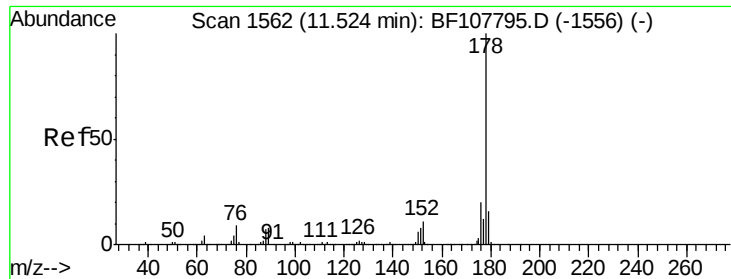
Tgt Ion:200 Resp: 143598
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 49.5 25.1 65.1



#69
Pentachlorophenol
Concen: 26.648 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion:266 Resp: 89441
Ion Ratio Lower Upper
266 100
268 59.5 51.1 76.7
264 63.0 49.5 74.3

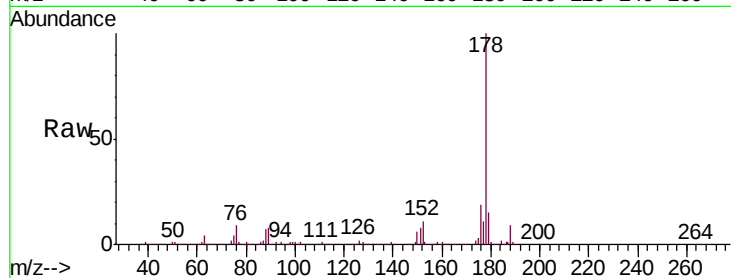




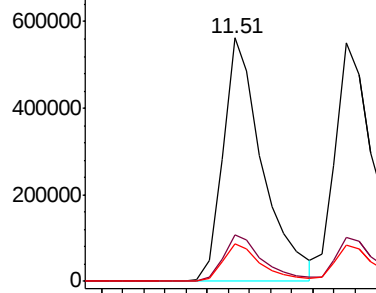
#70
Phenanthrene
Concen: 29.194 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

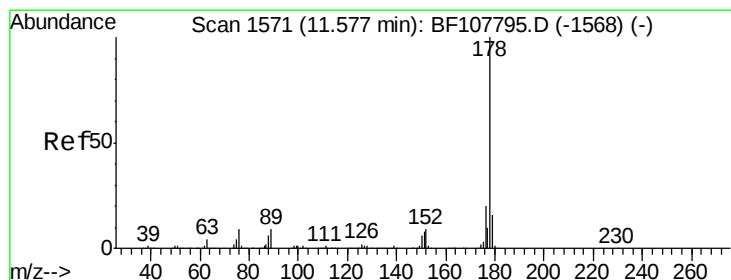
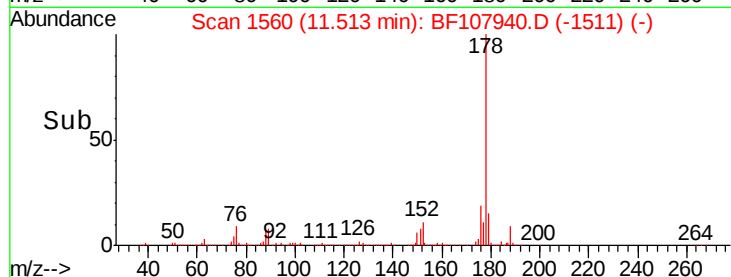
Tgt Ion:178 Resp: 731256
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.4 13.0 19.6



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

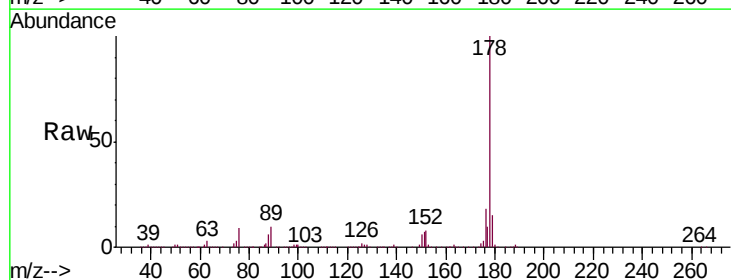


Time-->

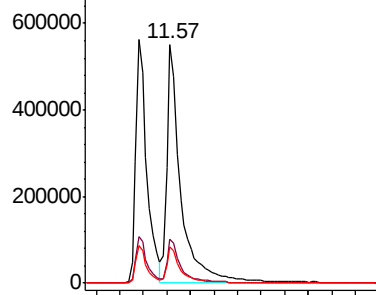


#71
Anthracene
Concen: 31.076 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

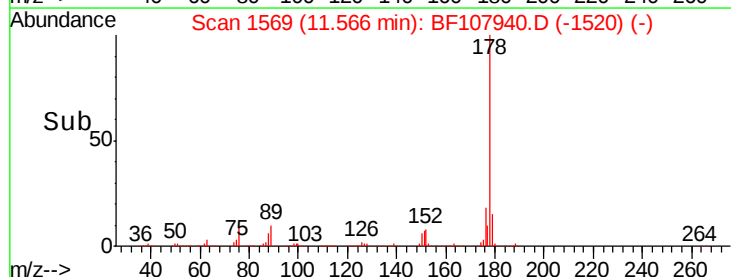
Tgt Ion:178 Resp: 897828
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.3 12.6 19.0

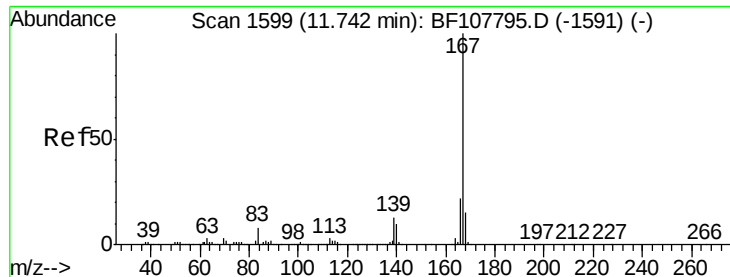


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#72

Carbazole

Concen: 26.529 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

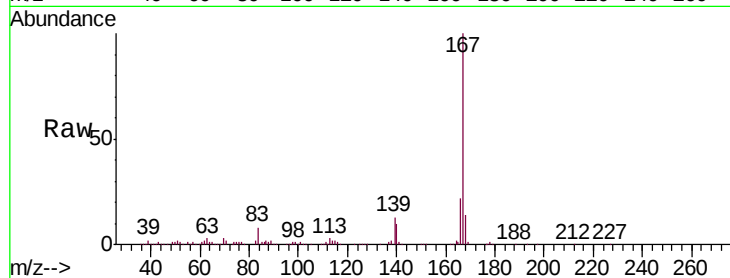
Tgt Ion:167 Resp: 757432

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

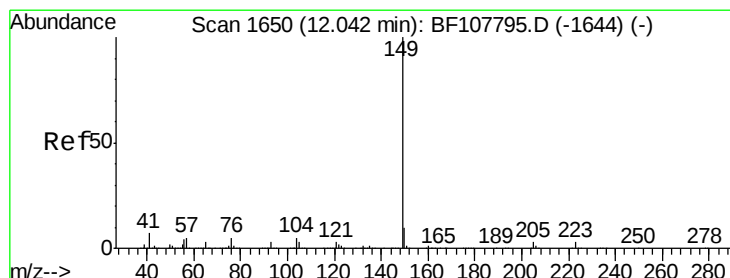
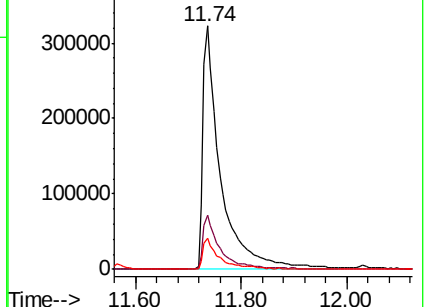
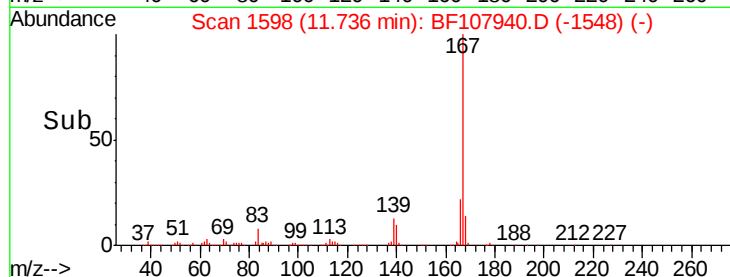
139 12.8 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 28.605 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

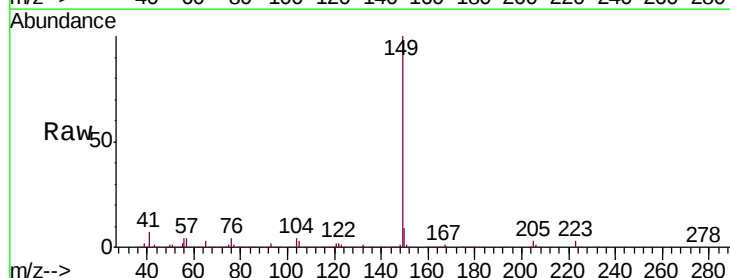
Tgt Ion:149 Resp: 890992

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

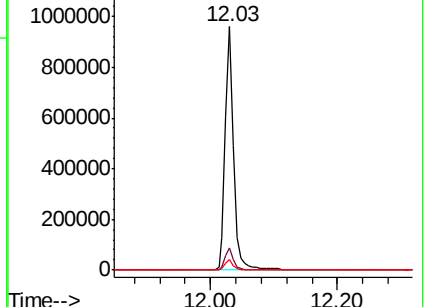
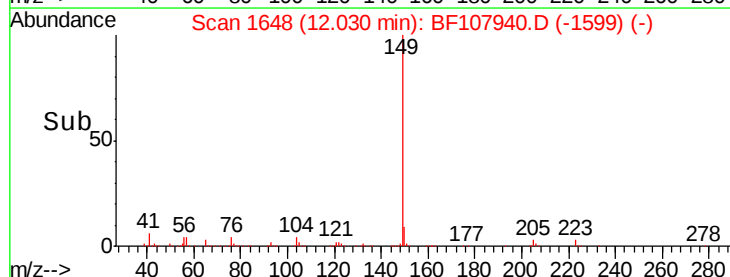
104 4.4 3.8 5.8

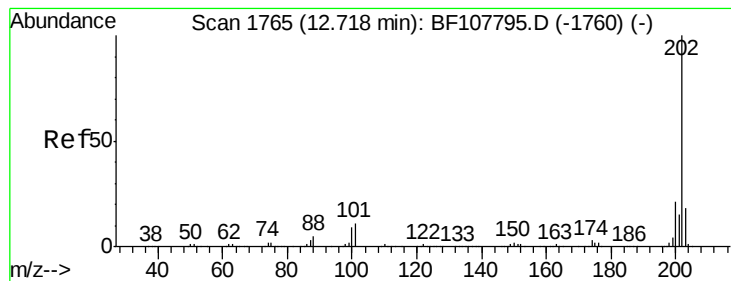


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 26.130 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

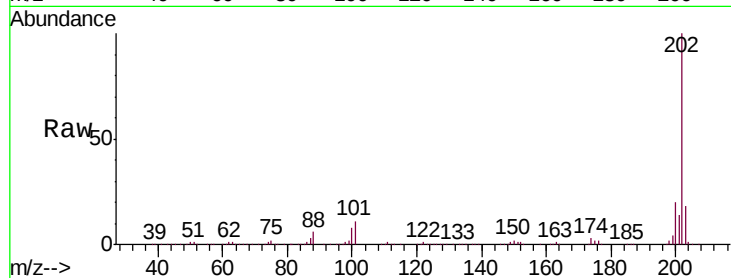
Tgt Ion: 202 Resp: 768922

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

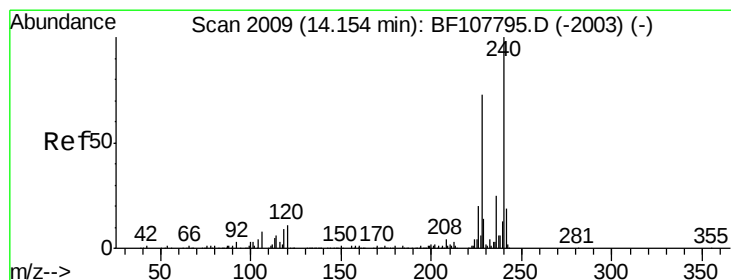
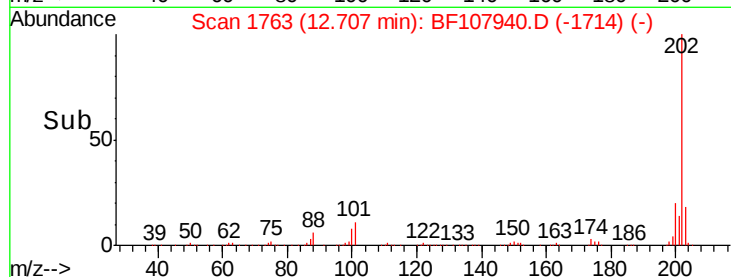
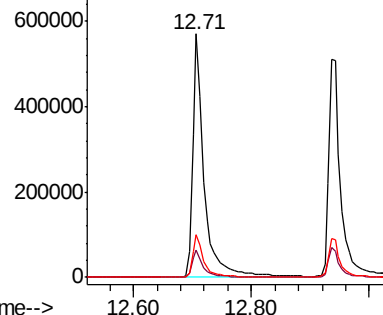
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

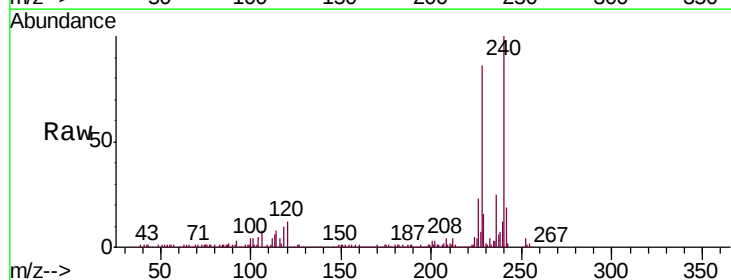
Tgt Ion: 240 Resp: 322625

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

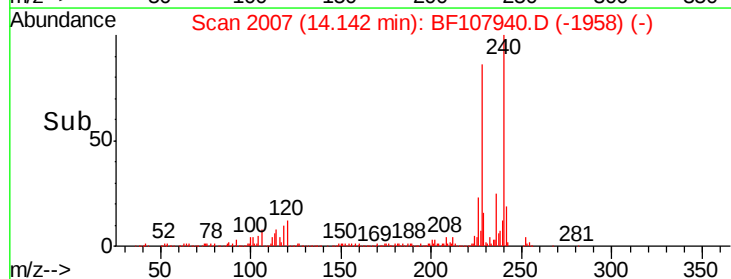
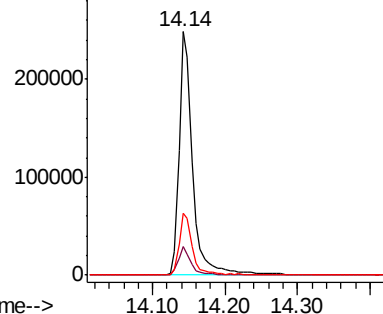
236 25.5 20.7 31.1

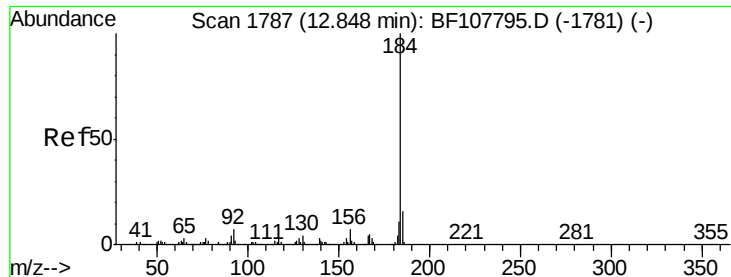


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

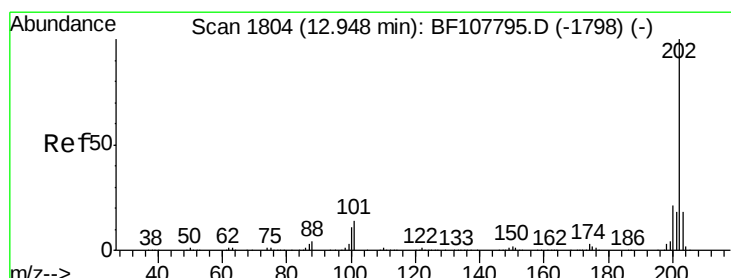
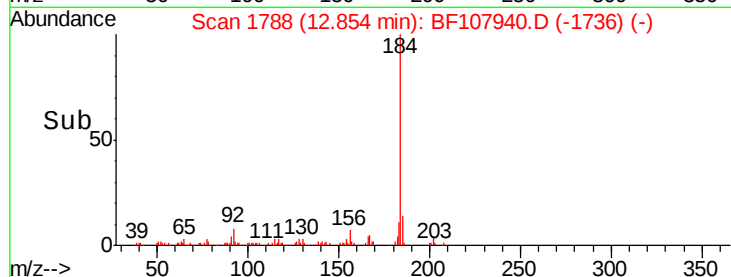
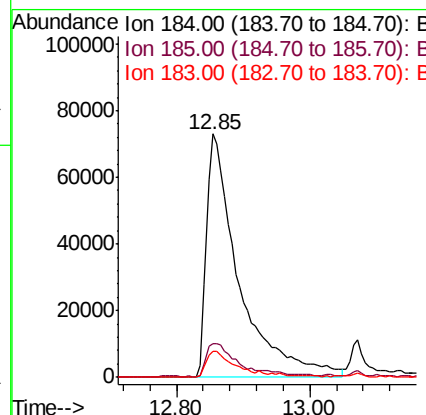
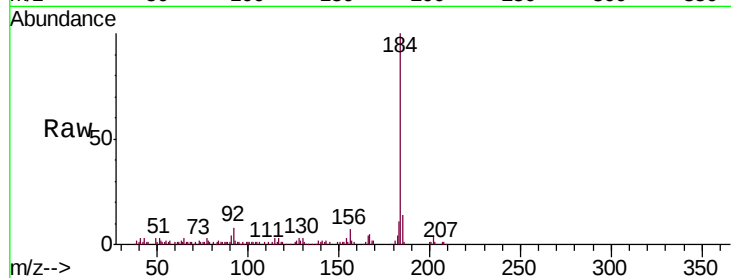




#76
Benzidine
Concen: 23.541 ng
RT: 12.85 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

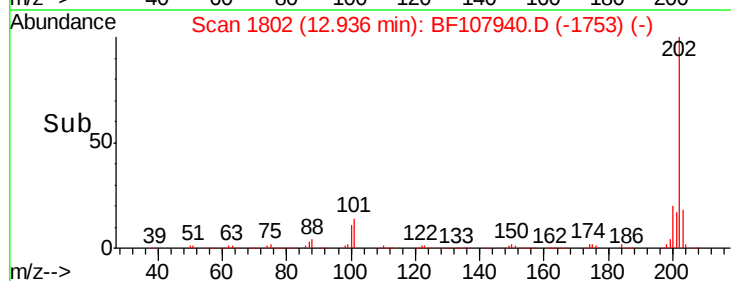
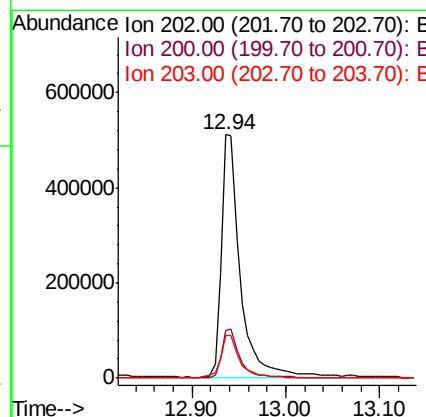
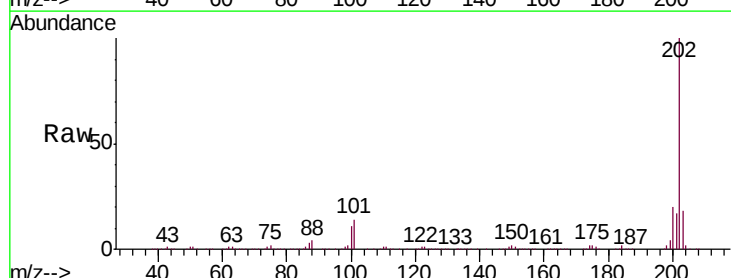
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

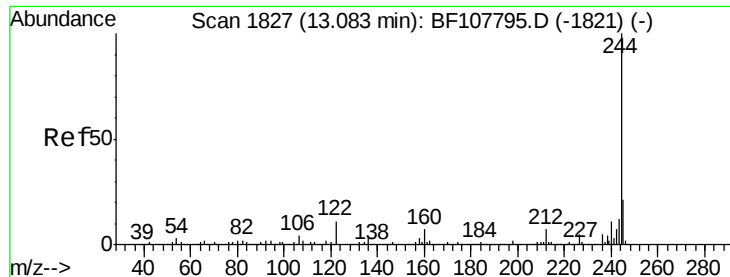
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	18.8
183	10.8	9.3	13.9



#77
Pyrene
Concen: 30.977 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 66.476 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

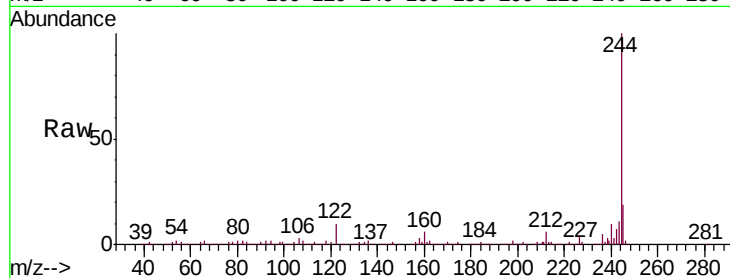
Tgt Ion:244 Resp: 989052

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

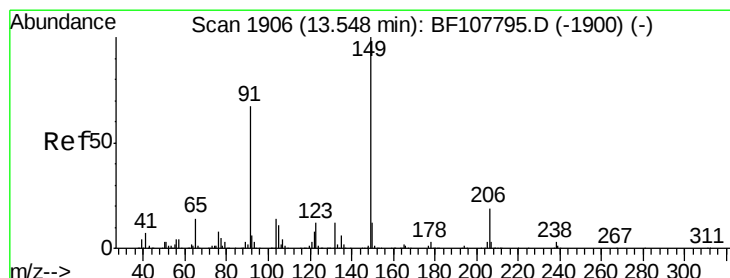
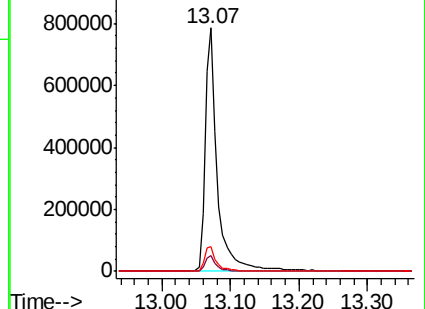
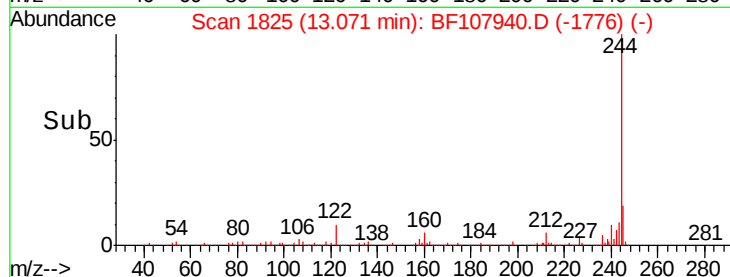
122 10.4 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 28.093 ng

RT: 13.54 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

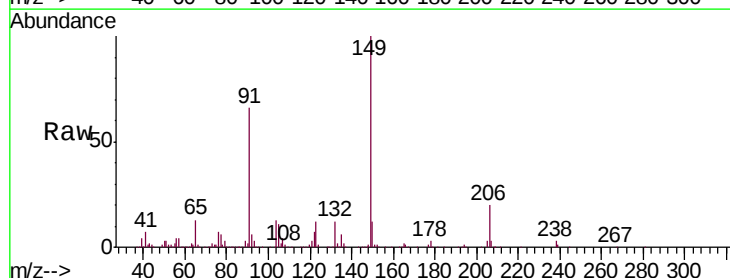
Tgt Ion:149 Resp: 285802

Ion Ratio Lower Upper

149 100

91 65.6 56.8 85.2

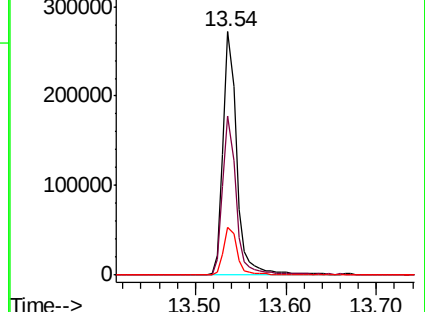
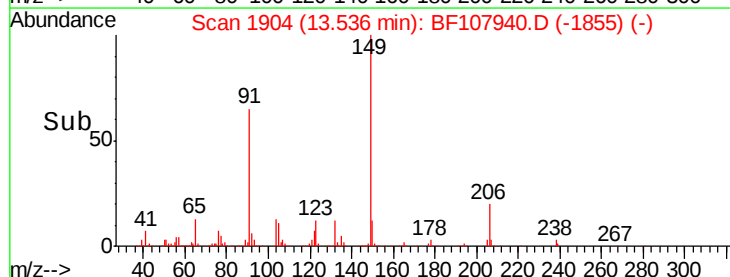
206 19.5 14.1 21.1

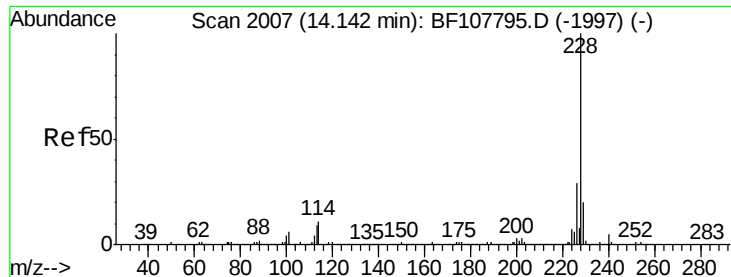


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 28.204 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

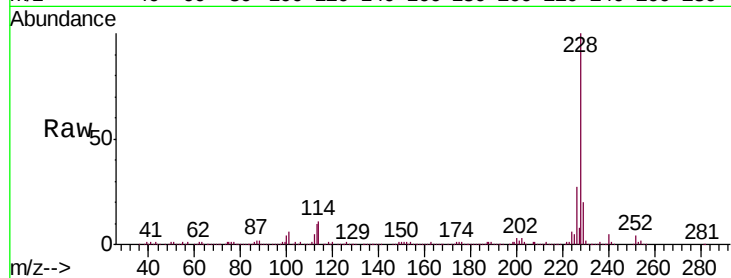
Tgt Ion:228 Resp: 515451

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

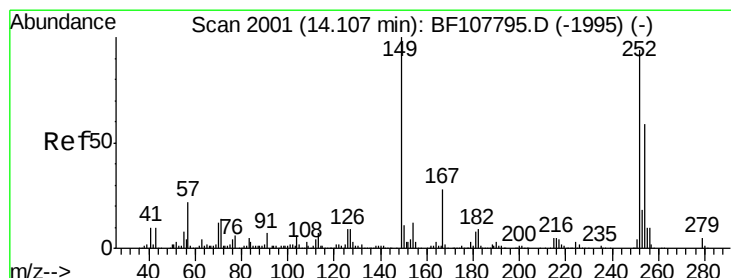
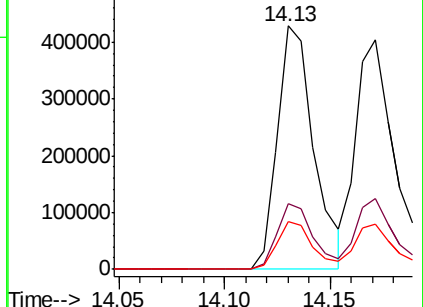
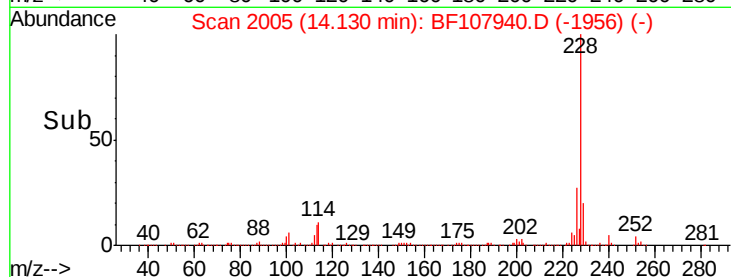
229 19.7 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 23.343 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

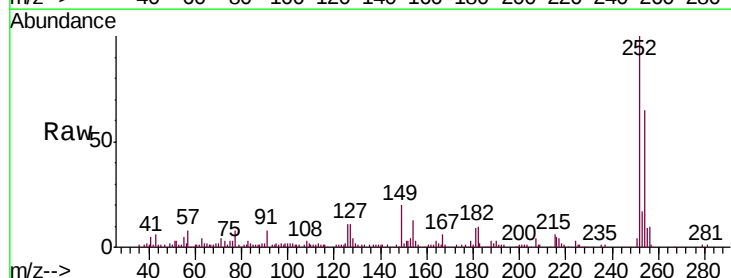
Tgt Ion:252 Resp: 165371

Ion Ratio Lower Upper

252 100

254 64.9 50.4 75.6

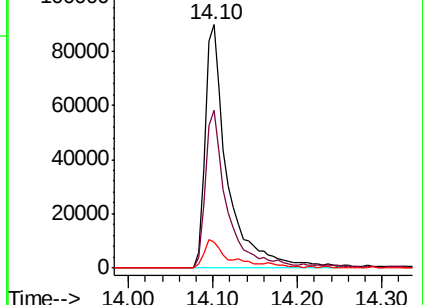
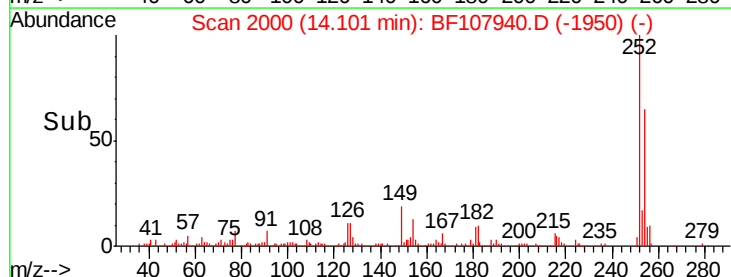
126 10.8 11.3 16.9#

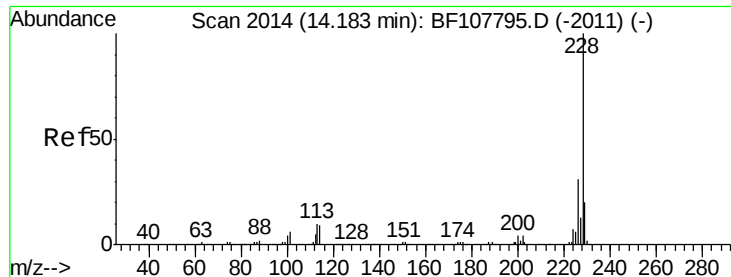


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 29.988 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

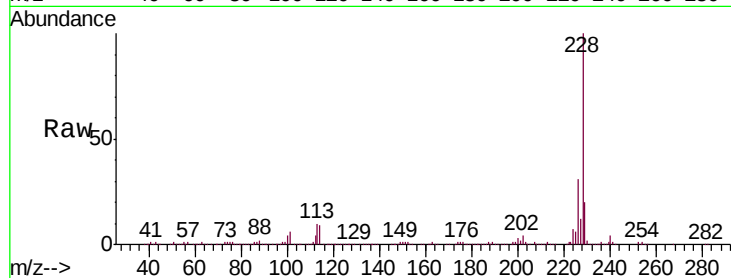
Tgt Ion:228 Resp: 591132

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

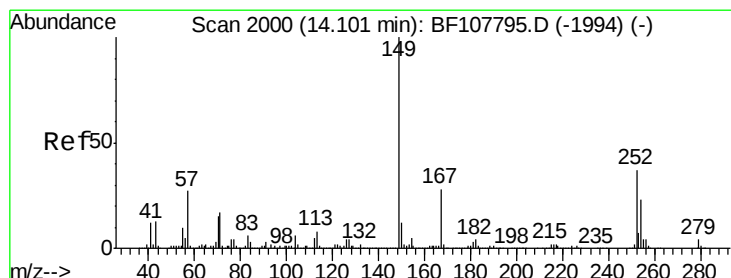
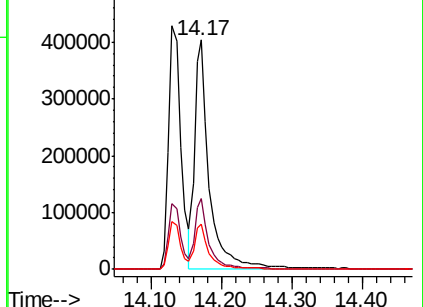
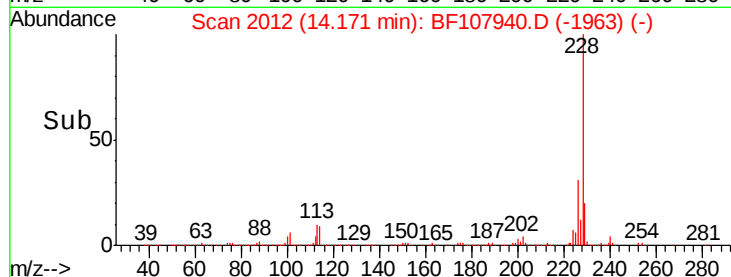
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 28.202 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

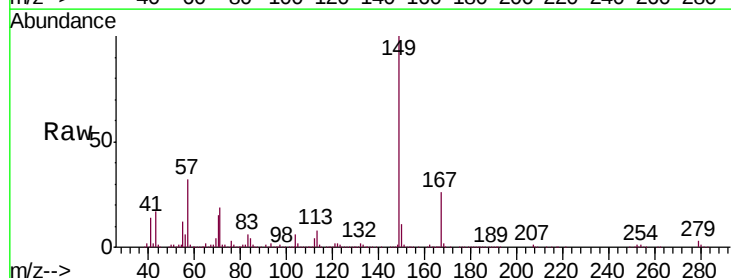
Tgt Ion:149 Resp: 360686

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

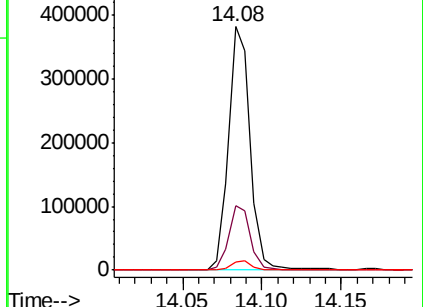
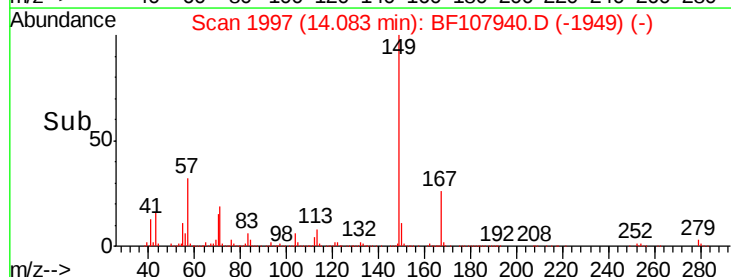
279 3.4 3.0 4.4

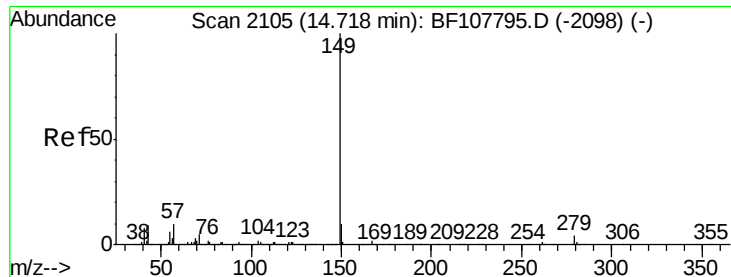


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 28.772 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

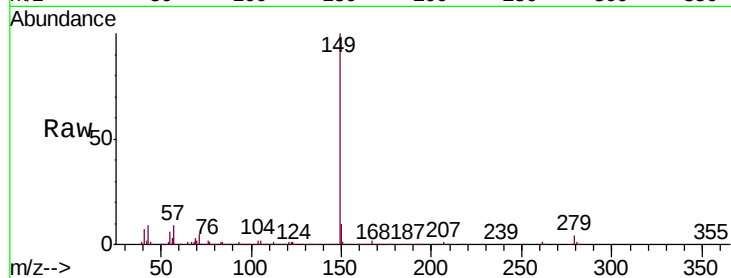
Tgt Ion:149 Resp: 590643

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

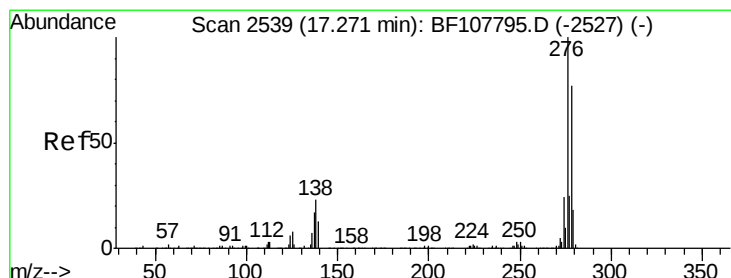
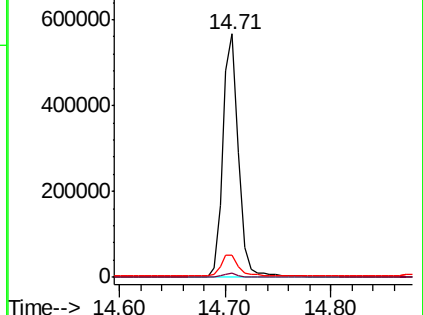
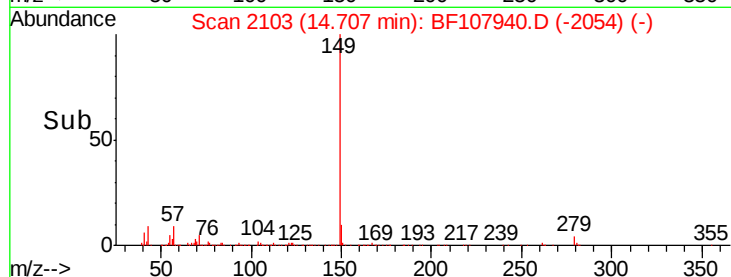
43 9.2 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.373 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

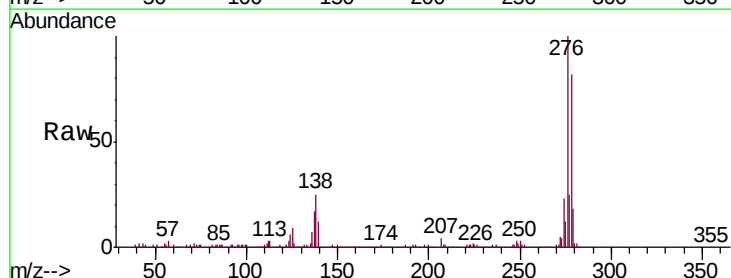
Tgt Ion:276 Resp: 650312

Ion Ratio Lower Upper

276 100

138 24.6 25.0 37.6#

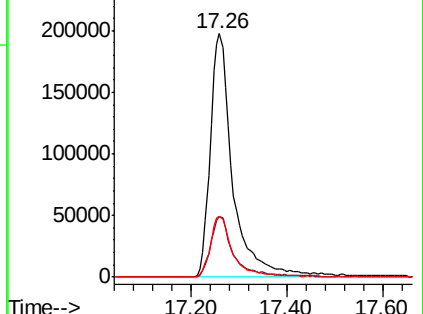
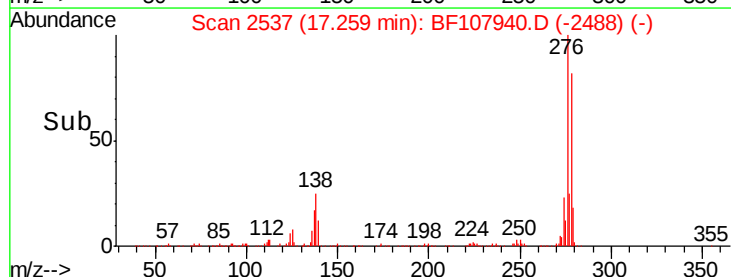
277 24.5 20.1 30.1

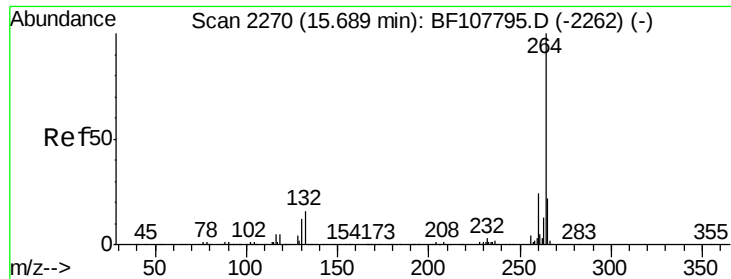


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



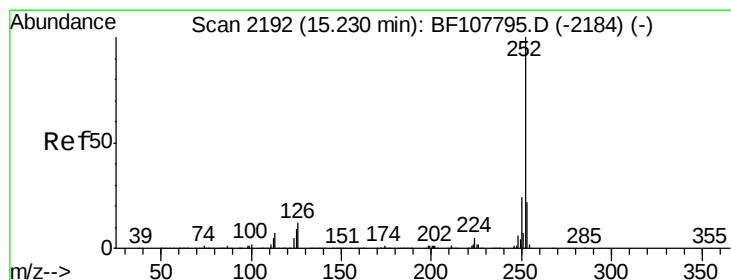
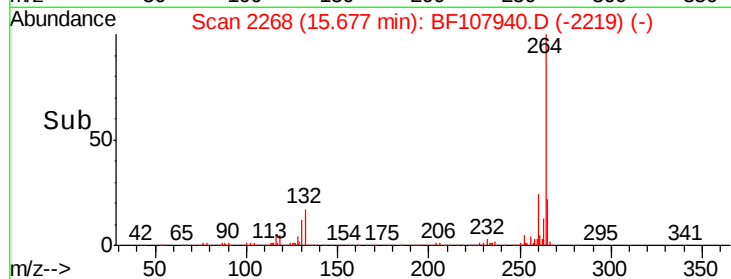
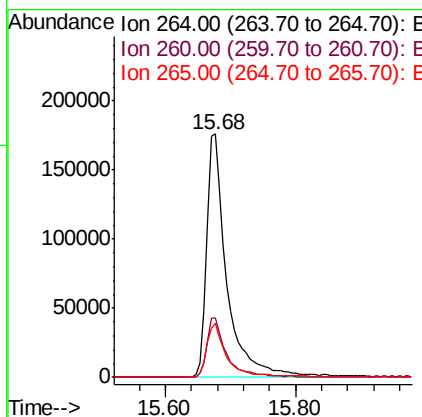
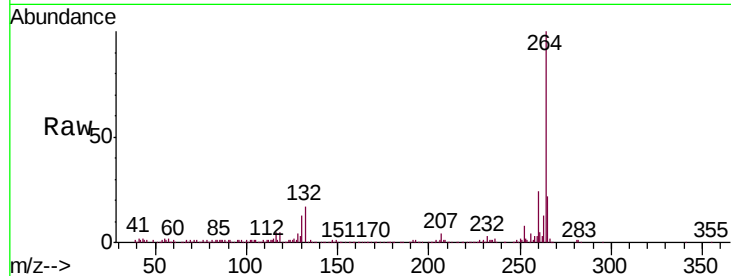


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Tgt Ion: 264 Resp: 379813

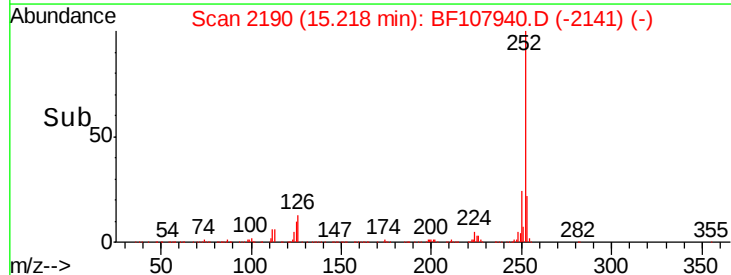
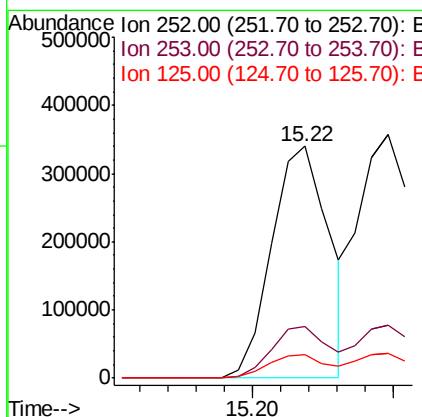
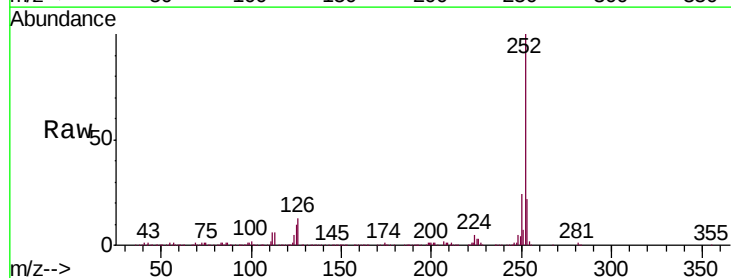
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.5	26.3

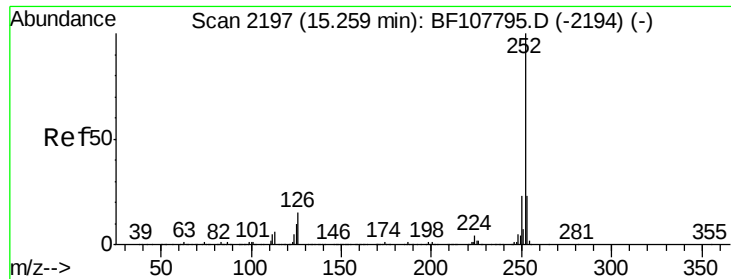


#87
Benzo(b)fluoranthene
Concen: 25.532 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion: 252 Resp: 478270

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.3	9.0	13.6

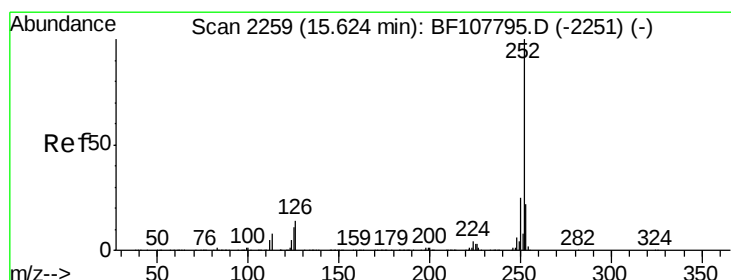
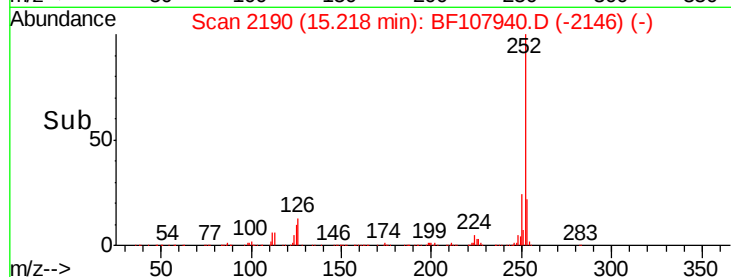
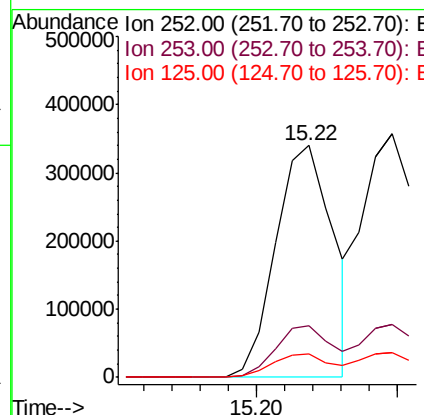
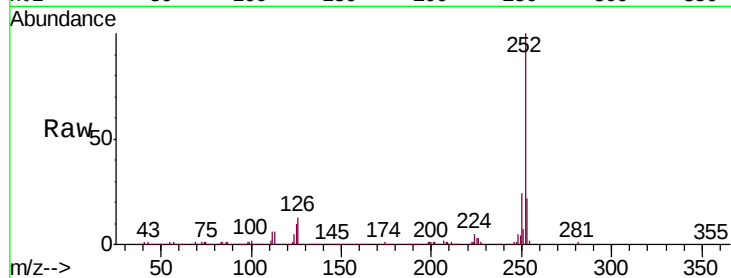




#88
Benzo(k)fluoranthene
Concen: 20.796 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

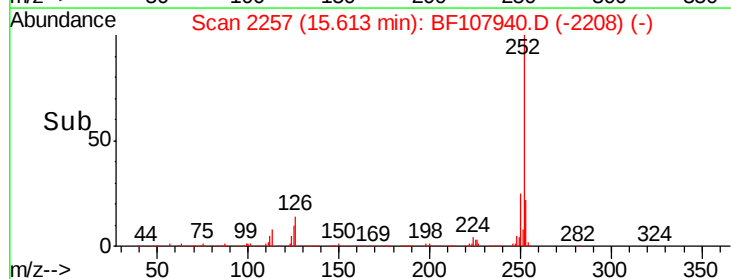
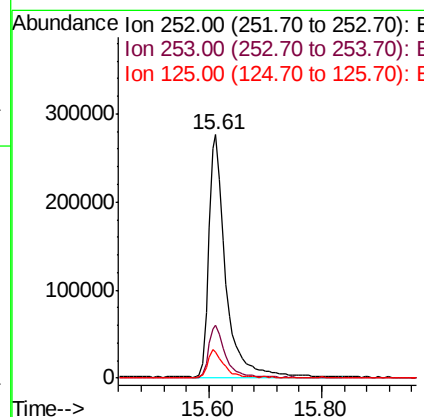
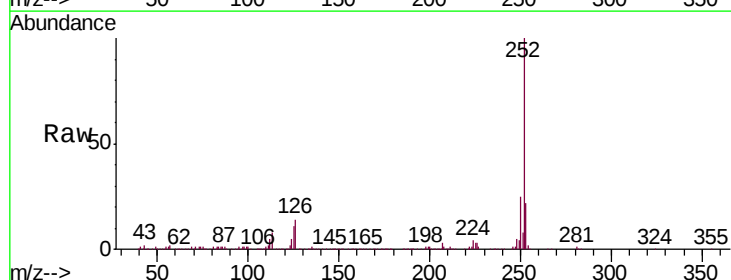
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

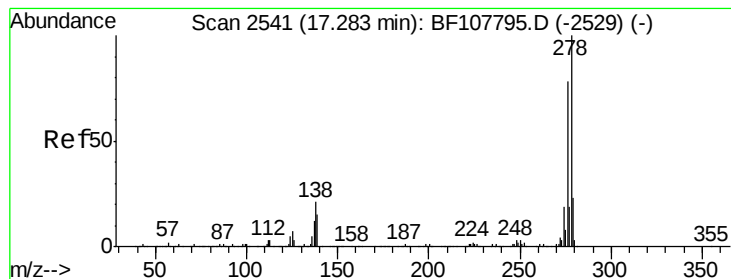
Tgt Ion:252 Resp: 478270
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 29.387 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107940.D
Acq: 3 Aug 2018 16:23

Tgt Ion:252 Resp: 568288
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.6 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 32.961 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MS

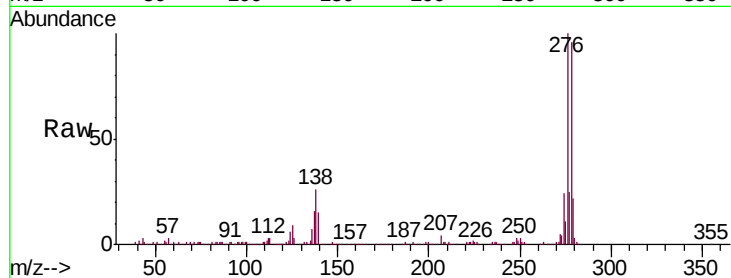
Tgt Ion:278 Resp: 555997

Ion Ratio Lower Upper

278 100

139 15.6 15.9 23.9#

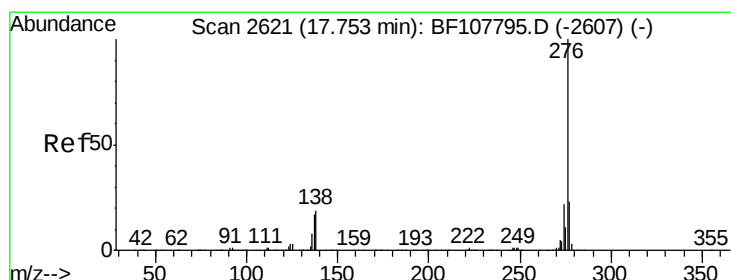
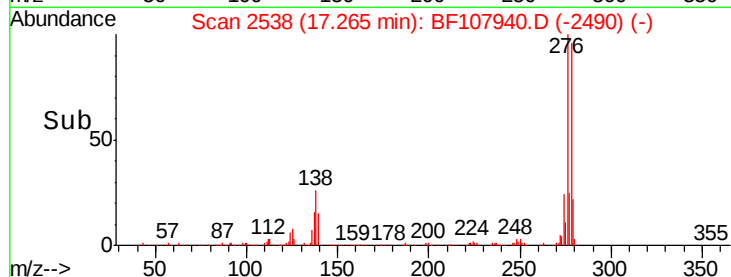
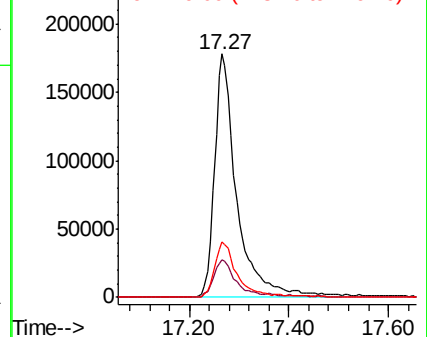
279 22.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 31.391 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF107940.D

Acq: 3 Aug 2018 16:23

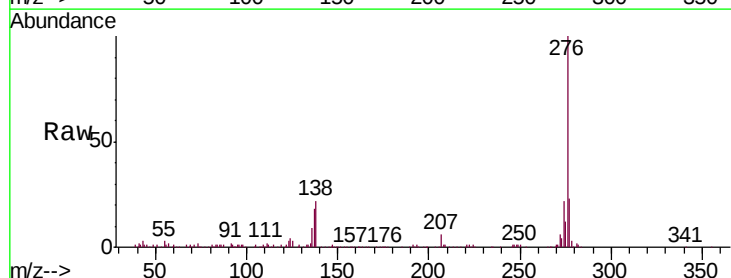
Tgt Ion:276 Resp: 512359

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 21.8 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

