

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107941.D
 Acq On : 3 Aug 2018 16:50
 Operator : JU/SJ
 Sample : J4285-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Quant Time: Aug 03 17:50:02 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	127569	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	567336	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	246578	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	463514	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	309250	20.00	ng	-0.01
86) Perylene-d12	15.68	264	366059	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	552297	73.58	ng	0.00
7) Phenol-d6	6.60	99	751622	75.98	ng	0.00
23) Nitrobenzene-d5	7.52	82	511883	51.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	233600	69.72	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1041507	58.86	ng	-0.01
78) Terphenyl-d14	13.07	244	848083	59.47	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	72318	23.850	ng	# 83
3) Pyridine	3.68	79	118745	17.975	ng	# 87
6) Aniline	6.65	93	181049	17.596	ng	# 68
8) 2-Chlorophenol	6.75	128	252125	26.741	ng	94
9) Benzaldehyde	6.61	77	110717	18.550	ng	98
10) Phenol	6.62	94	339150	28.748	ng	90
11) bis(2-Chloroethyl)ether	6.68	93	296884	28.301	ng	96
12) 1,3-Dichlorobenzene	6.90	146	251024	25.384	ng	96
13) 1,4-Dichlorobenzene	6.97	146	292459	26.568	ng	99
14) 1,2-Dichlorobenzene	7.12	146	278691	27.273	ng	99
15) Benzyl Alcohol	7.12	79	142617	23.195	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	409466	27.149	ng	66
17) 2-Methylphenol	7.22	107	173954	24.993	ng	# 65
18) Hexachloroethane	7.45	117	99859	25.238	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	177685	28.315	ng	96
20) 3+4-Methylphenols	7.38	107	202340	23.678	ng	# 72
22) Acetophenone	7.37	105	366186	26.828	ng	96
24) Nitrobenzene	7.54	77	226434	21.928	ng	98
25) Isophorone	7.77	82	498634	30.846	ng	99
26) 2-Nitrophenol	7.86	139	135932	26.230	ng	97
27) 2,4-Dimethylphenol	7.90	122	216519	31.206	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	290164	27.237	ng	96
29) 2,4-Dichlorophenol	8.11	162	201894	25.725	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	233314	26.059	ng	98
31) Naphthalene	8.25	128	778658	29.526	ng	99
32) Benzoic acid	7.90	122	216519	46.171	ng	# 15
33) 4-Chloroaniline	8.34	127	187063	16.606	ng	97
34) Hexachlorobutadiene	8.36	225	137324	24.820	ng	97
35) Caprolactam	8.67	113	50172	21.236	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	208667	24.481	ng	97
37) 2-Methylnaphthalene	8.95	142	498550	30.095	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	245057	29.149	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	94710	31.160	ng	97
42) 2,4,6-Trichlorophenol	9.24	196	123282	26.525	ng	99

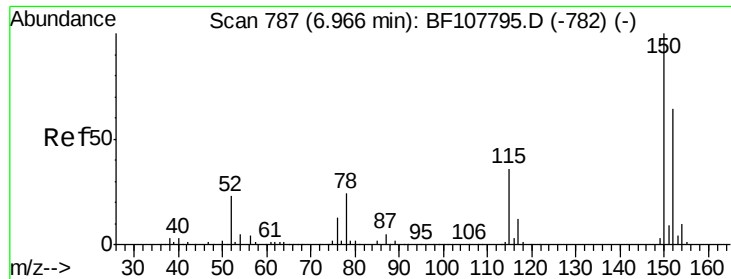
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	158846	28.390	ng	96
45) 1,1'-Biphenyl	9.41	154	652904	29.096	ng	97
46) 2-Chloronaphthalene	9.44	162	479312	28.325	ng	97
47) 2-Nitroaniline	9.56	65	144688	26.286	ng	95
48) Acenaphthylene	9.85	152	766370	29.213	ng	100
49) Dimethylphthalate	9.71	163	647409	34.961	ng	99
50) 2,6-Dinitrotoluene	9.78	165	113061	28.094	ng	90
51) Acenaphthene	10.02	154	451888	29.653	ng	98
52) 3-Nitroaniline	9.98	138	104861	20.678	ng	96
53) 2,4-Dinitrophenol	10.13	184	9510	12.451	ng	# 68
54) Dibenzofuran	10.20	168	639571	27.153	ng	97
55) 4-Nitrophenol	10.20	139	367067	145.207	ng	# 20
56) 2,4-Dinitrotoluene	10.20	165	140144	26.495	ng	# 75
57) Fluorene	10.54	166	519924	28.403	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.32	232	123831	24.096	ng	# 77
59) Diethylphthalate	10.40	149	626579	31.470	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	257452	25.817	ng	92
61) 4-Nitroaniline	10.61	138	101220	22.492	ng	99
62) Azobenzene	10.69	77	477426	25.747	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	23913	9.483	ng	# 77
65) n-Nitrosodiphenylamine	10.65	169	447791	29.340	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	156365	28.943	ng	# 89
67) Hexachlorobenzene	11.09	284	163738	27.331	ng	# 89
68) Atrazine	11.18	200	121480	26.893	ng	95
69) Pentachlorophenol	11.30	266	77046	26.125	ng	95
70) Phenanthrene	11.51	178	627896	28.529	ng	98
71) Anthracene	11.57	178	774722	30.518	ng	99
72) Carbazole	11.74	167	641589	25.575	ng	99
73) Di-n-butylphthalate	12.03	149	766255	27.997	ng	100
74) Fluoranthene	12.71	202	663528	25.662	ng	96
76) Benzidine	12.85	184	236325	23.635	ng	97
77) Pyrene	12.94	202	620795	27.878	ng	97
79) Butylbenzylphthalate	13.54	149	251405	25.781	ng	93
80) Benzo(a)anthracene	14.13	228	480081	27.405	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	169139	24.907	ng	# 97
82) Chrysene	14.17	228	562168	29.753	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	329771	26.900	ng	99
84) Di-n-octyl phthalate	14.71	149	587804	29.872	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	647026	45.020	ng	93
87) Benzo(b)fluoranthene	15.22	252	456723	25.298	ng	98
88) Benzo(k)fluoranthene	15.25	252	646025	29.145	ng	97
89) Benzo(a)pyrene	15.61	252	556125	29.838	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	542930	33.395	ng	# 95
91) Benzo(g,h,i)perylene	17.74	276	507657	32.271	ng	# 93

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

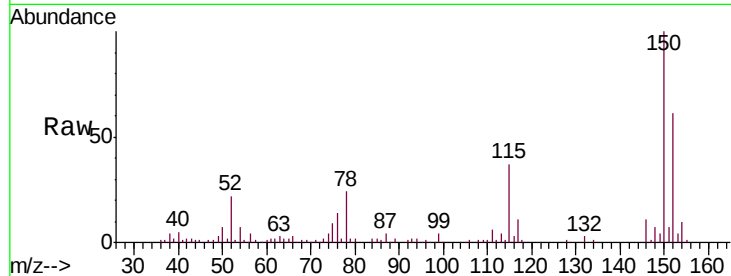


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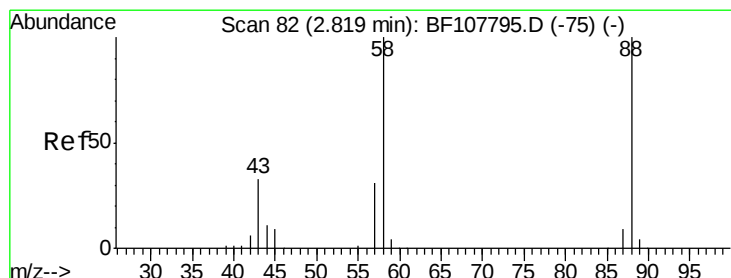
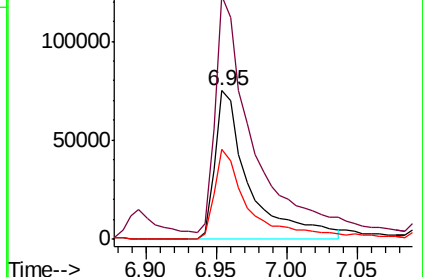
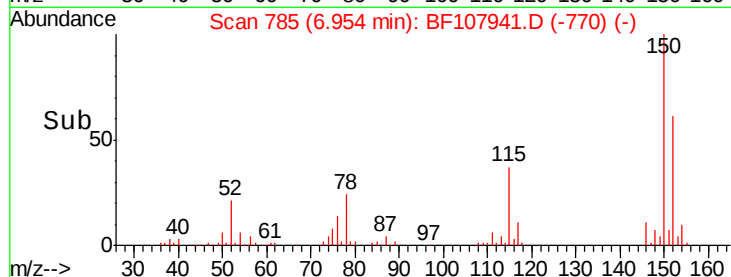
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion:152 Resp: 127569
Ion Ratio Lower Upper
152 100
150 164.0 124.6 186.8
115 60.3 50.1 75.1



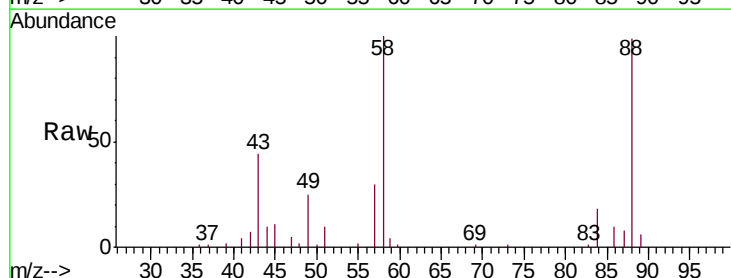
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



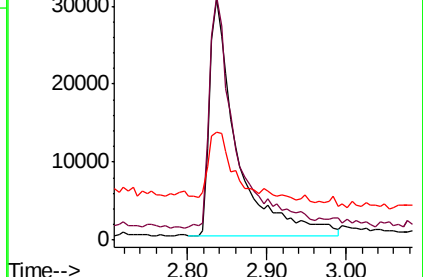
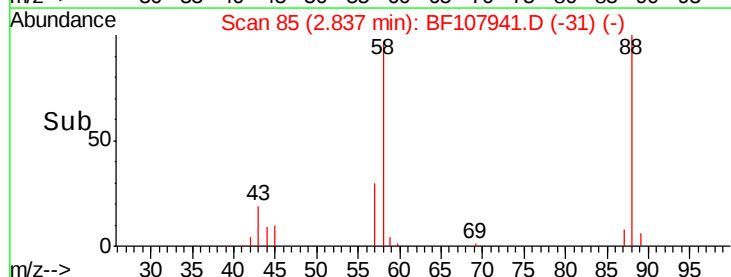
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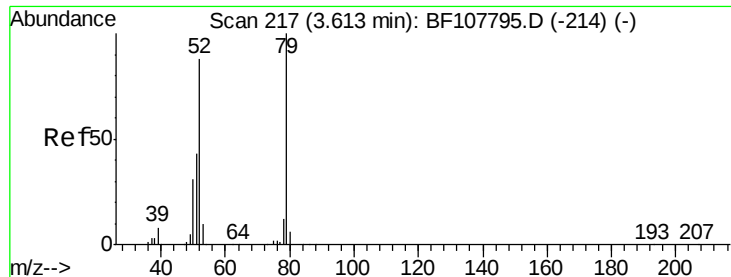
1,4-Dioxane
Concen: 23.850 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion: 88 Resp: 72318
Ion Ratio Lower Upper
88 100
58 93.5 62.6 93.8
43 22.8 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 17.975 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.06 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

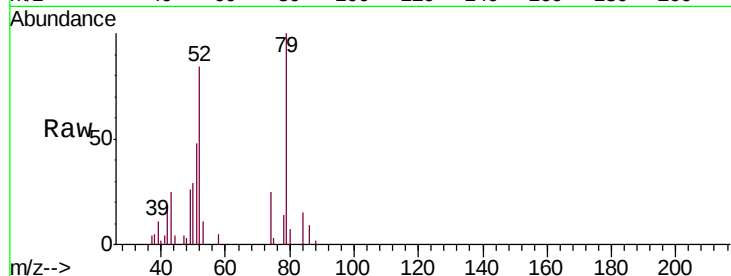
Tgt Ion: 79 Resp: 118745

Ion Ratio Lower Upper

79 100

52 84.5 59.8 89.6

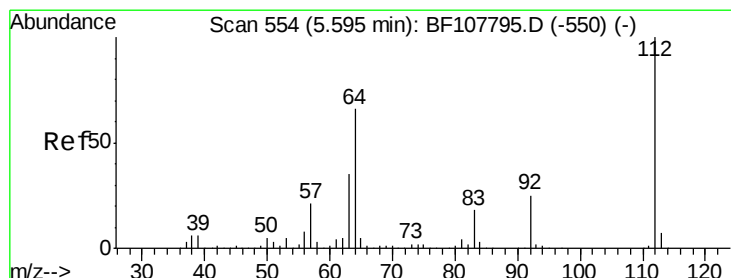
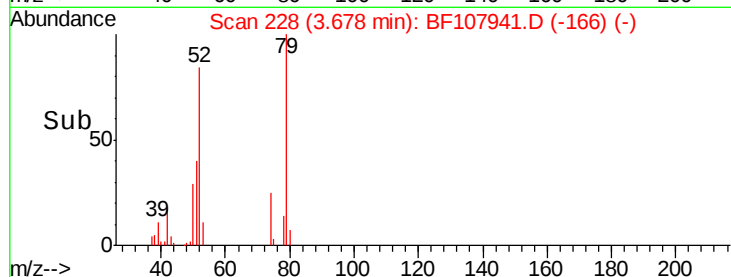
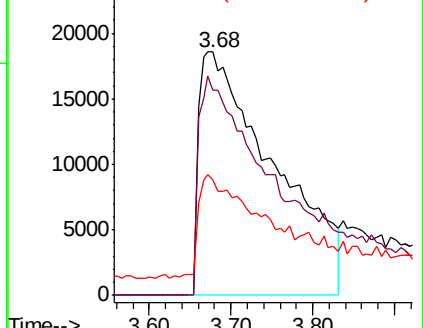
51 47.5 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 73.580 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

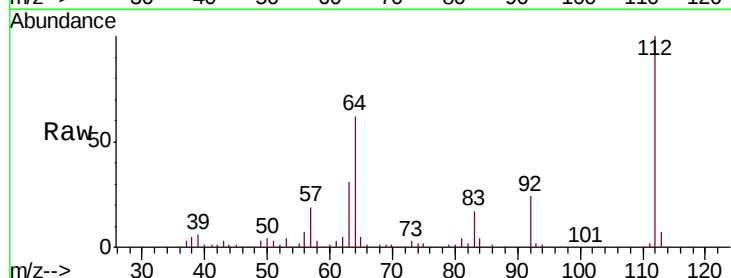
Tgt Ion: 112 Resp: 552297

Ion Ratio Lower Upper

112 100

64 62.3 47.9 71.9

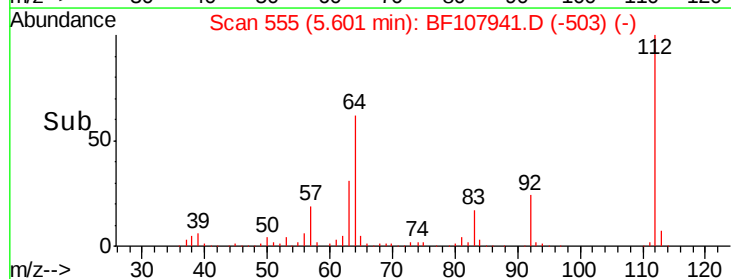
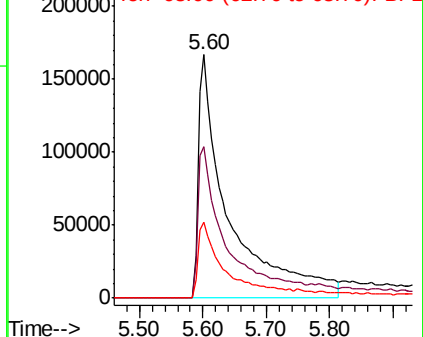
63 31.2 23.7 35.5

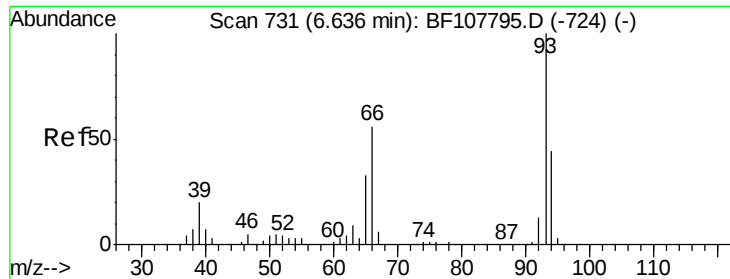


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 17.596 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

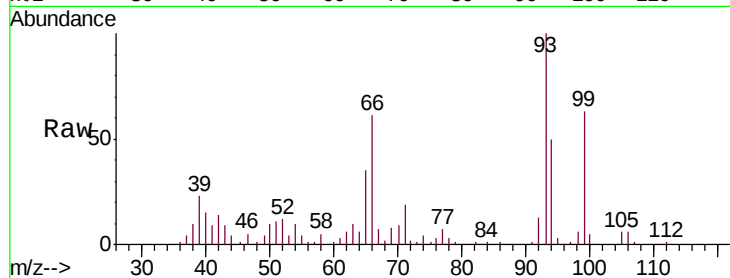
Tgt Ion: 93 Resp: 181049

Ion Ratio Lower Upper

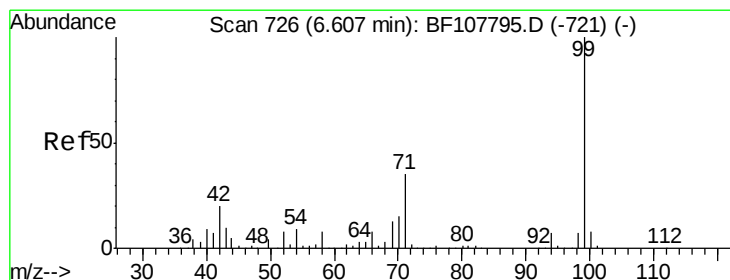
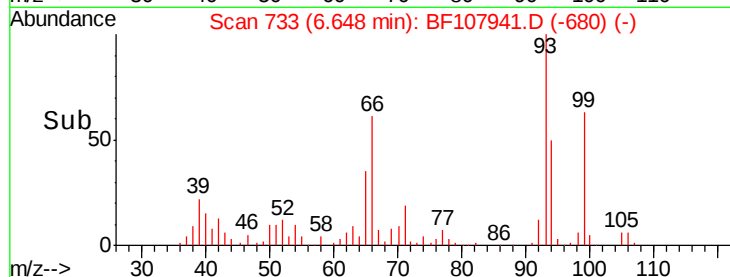
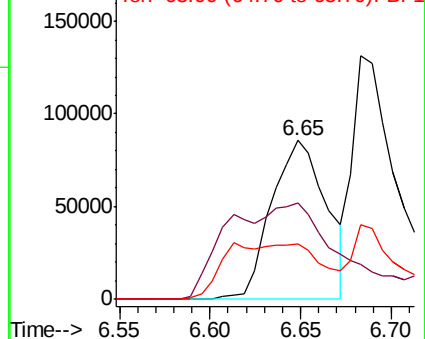
93 100

66 60.5 32.2 48.2#

65 34.7 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



#7

Phenol-d6

Concen: 75.979 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

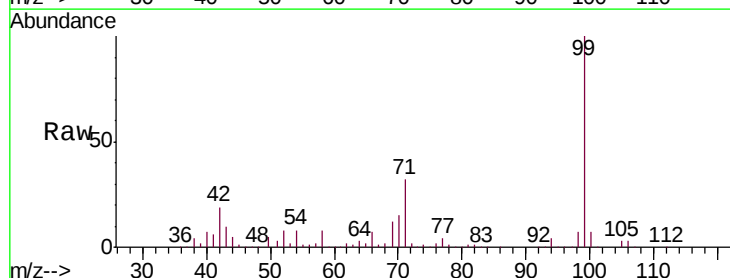
Tgt Ion: 99 Resp: 751622

Ion Ratio Lower Upper

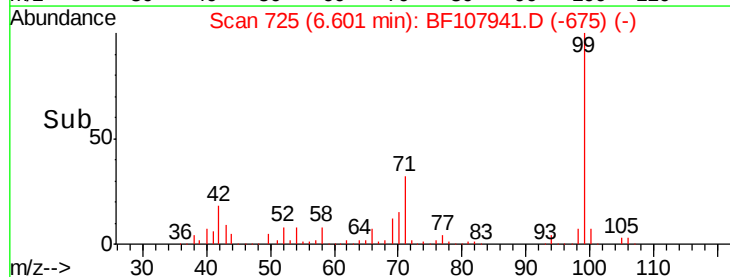
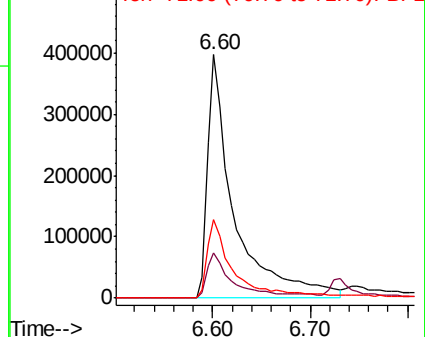
99 100

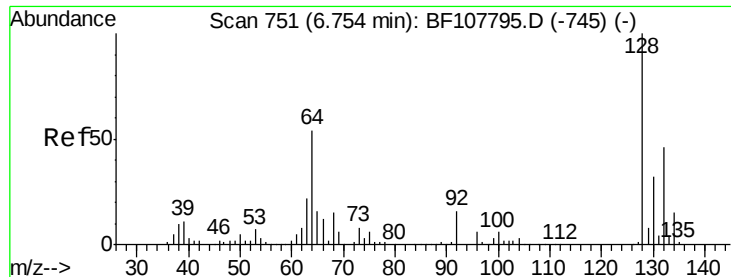
42 18.6 14.5 21.7

71 32.3 25.4 38.0



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

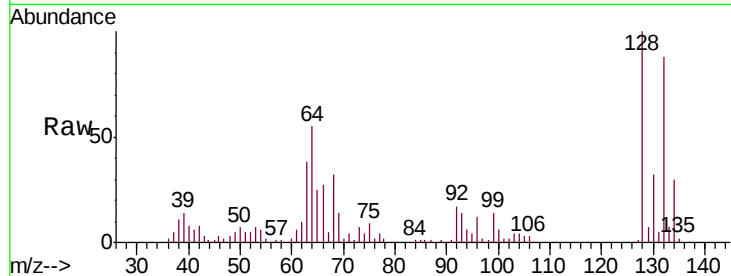




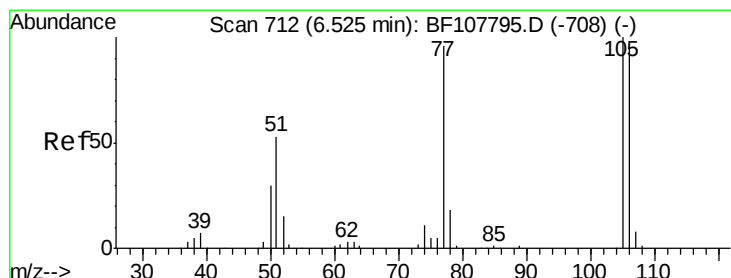
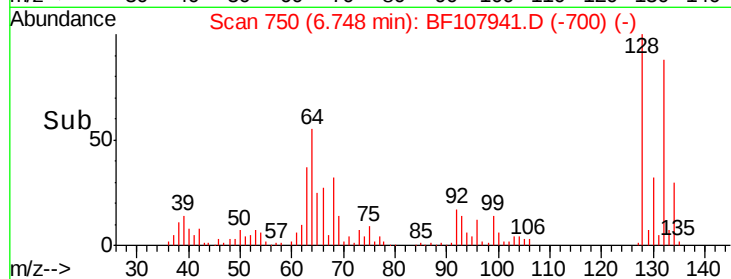
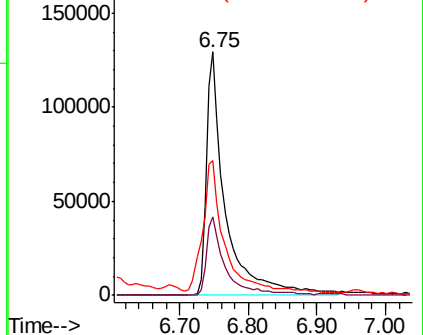
#8
 2-Chlorophenol
 Concen: 26.741 ng
 RT: 6.75 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
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 KG-PIT-2MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	55.5	29.4	69.4

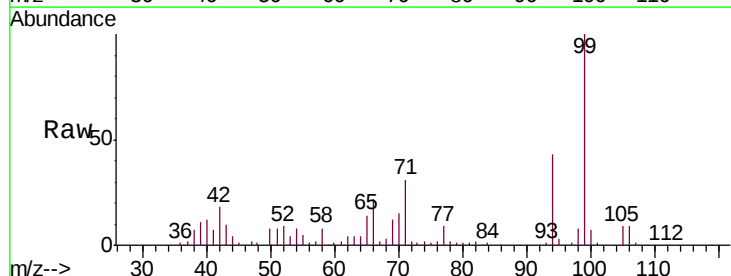


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BF1

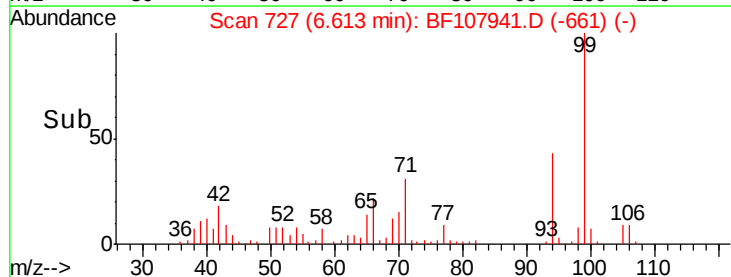
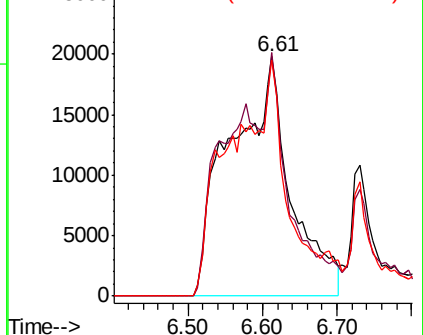


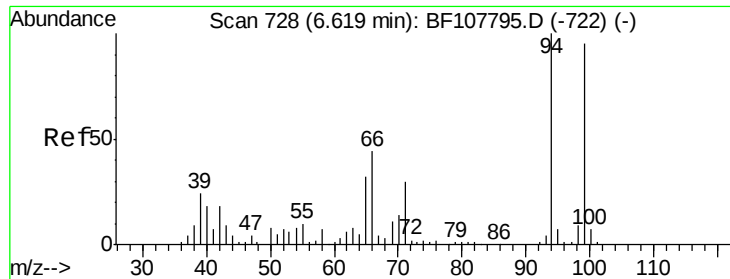
#9
 Benzaldehyde
 Concen: 18.550 ng
 RT: 6.61 min Scan# 727
 Delta R.T. 0.09 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.1	121.1
106	98.7	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: 28.748 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

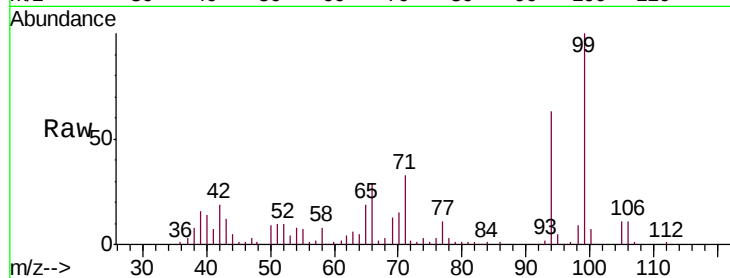
Tgt Ion: 94 Resp: 339150

Ion Ratio Lower Upper

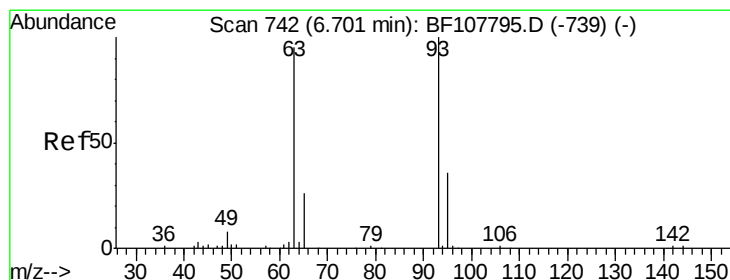
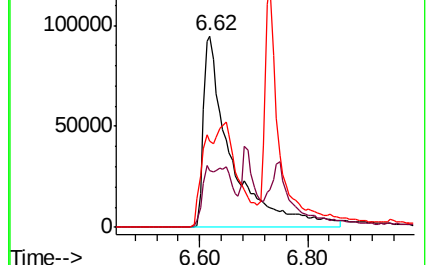
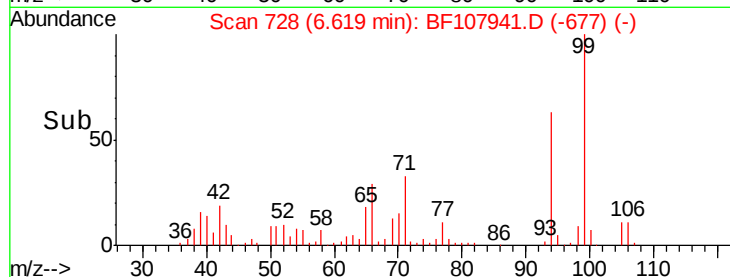
94 100

65 29.8 7.9 47.9

66 45.3 16.2 56.2



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



#11

bis(2-Chloroethyl)ether

Concen: 28.301 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

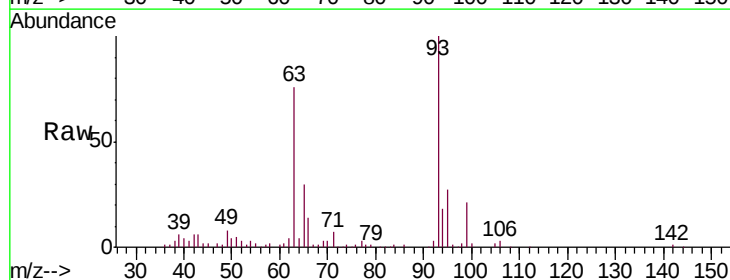
Tgt Ion: 93 Resp: 296884

Ion Ratio Lower Upper

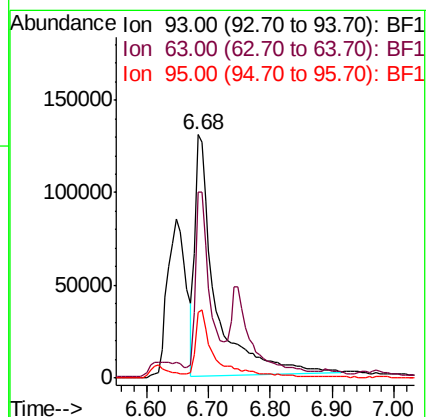
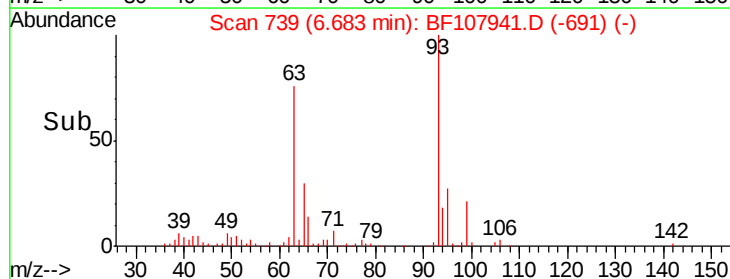
93 100

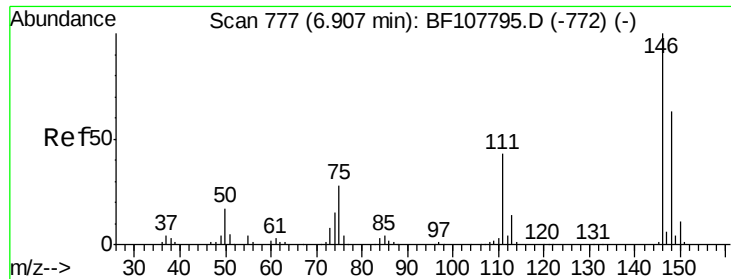
63 76.3 58.6 98.6

95 27.1 11.8 51.8



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

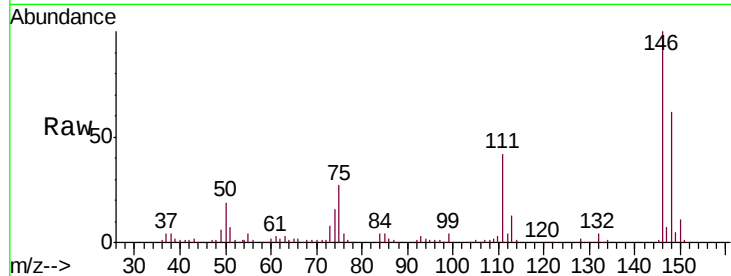




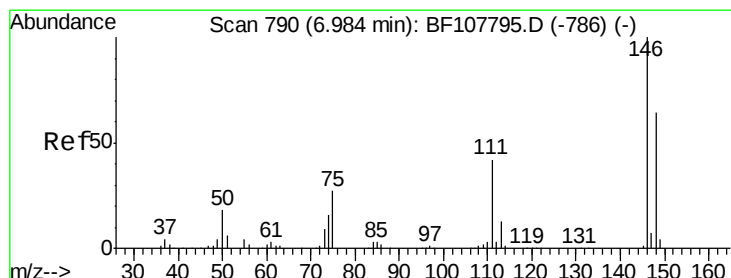
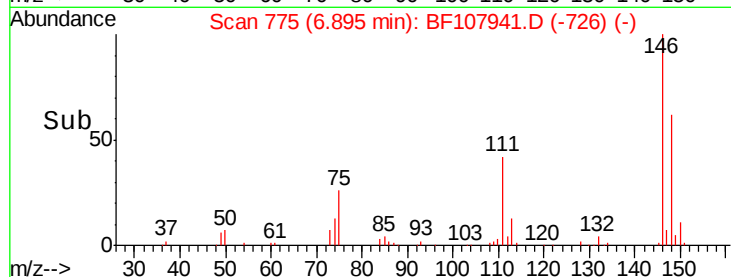
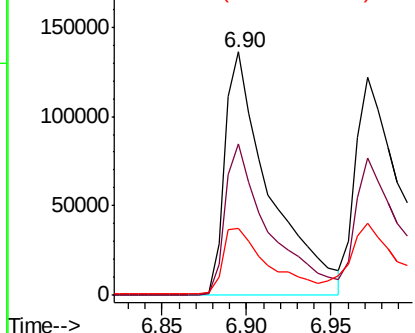
#12
 1,3-Dichlorobenzene
 Concen: 25.384 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tgt Ion:146 Resp: 251024
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.8 77.8
 75 27.4 24.2 36.4

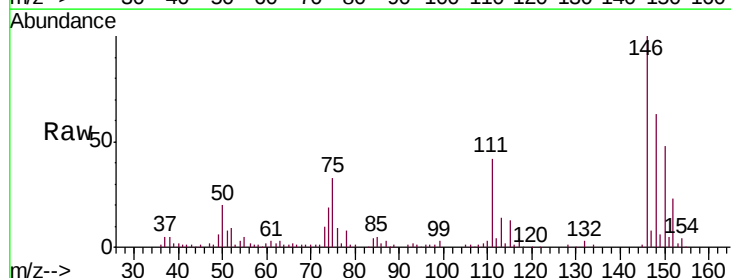


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

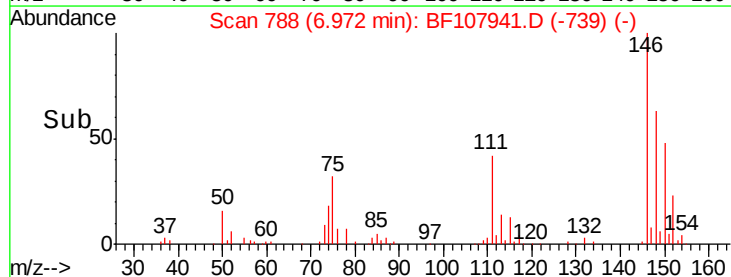
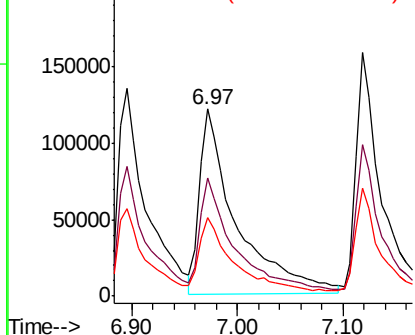


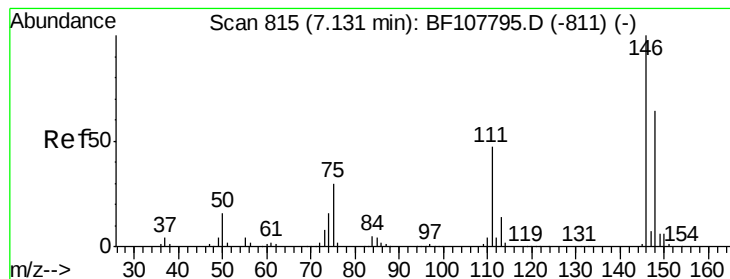
#13
 1,4-Dichlorobenzene
 Concen: 26.568 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion:146 Resp: 292459
 Ion Ratio Lower Upper
 146 100
 148 63.1 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: 27.273 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

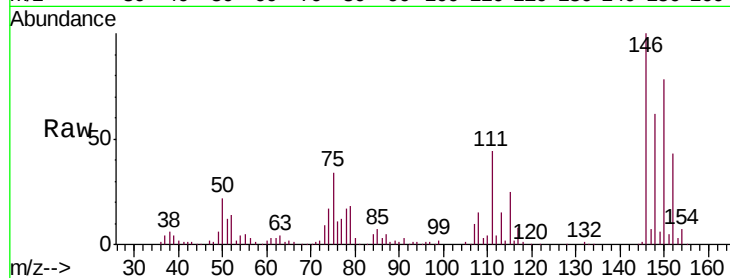
Tgt Ion:146 Resp: 278691

Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

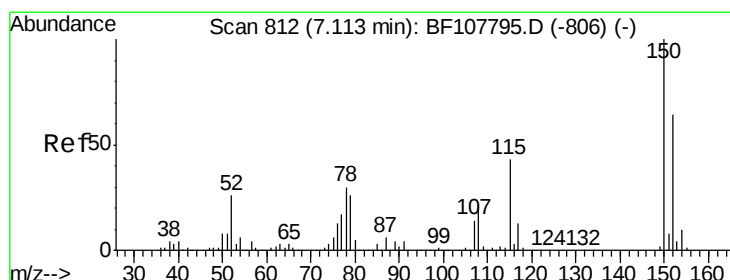
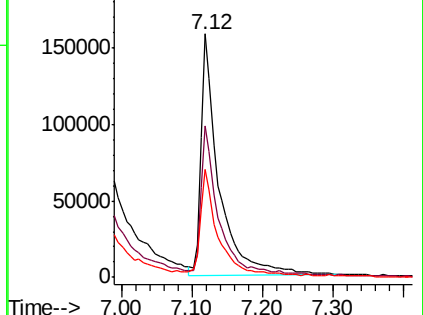
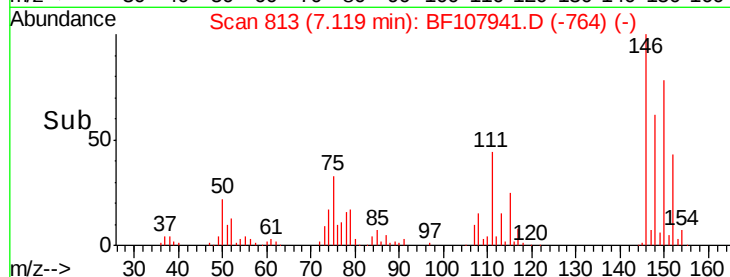
111 44.1 36.0 54.0



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: 23.195 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

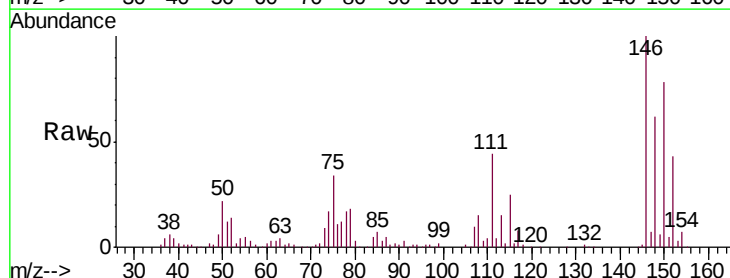
Tgt Ion: 79 Resp: 142617

Ion Ratio Lower Upper

79 100

108 82.8 65.1 97.7

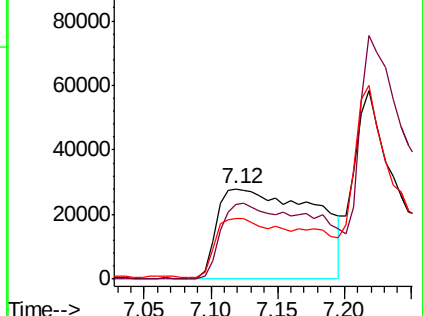
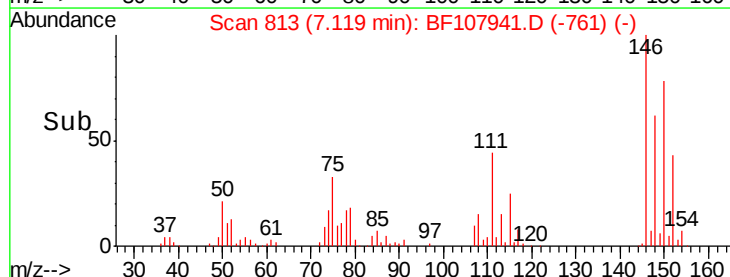
77 66.9 50.6 75.8

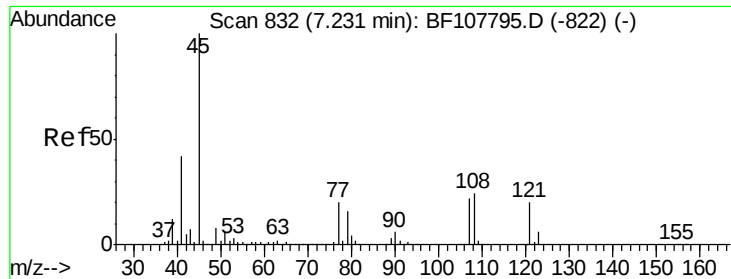


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

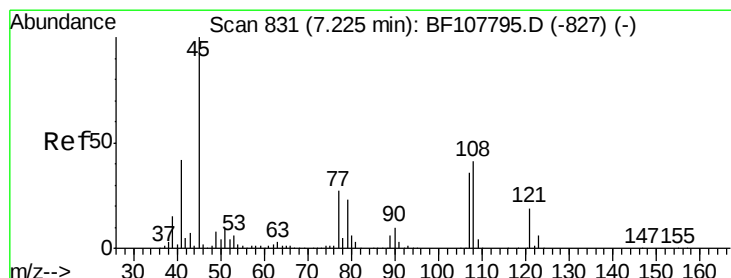
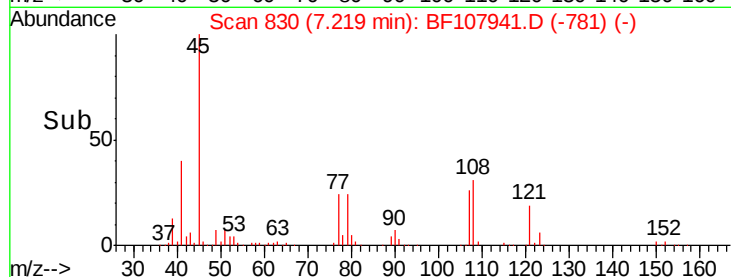
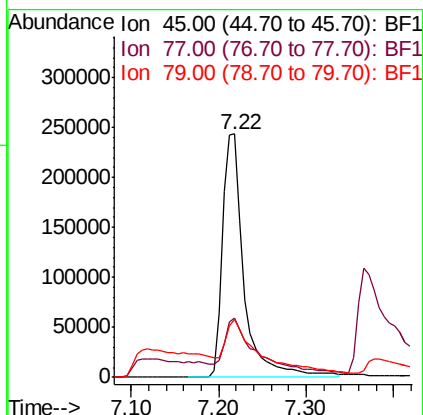
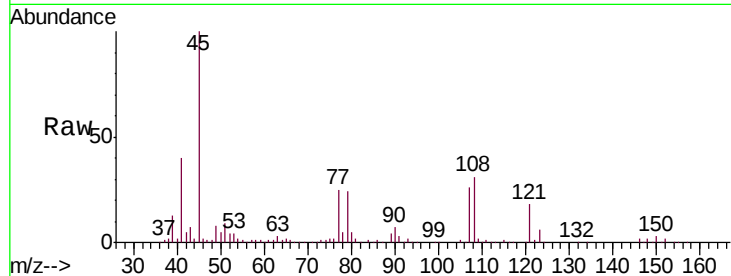




#16
2,2'-oxybis(1-chloropropane)
Concen: 27.149 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

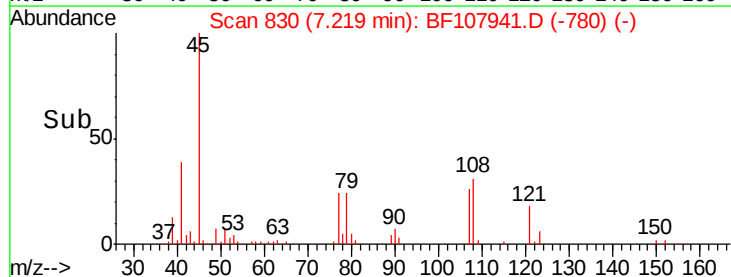
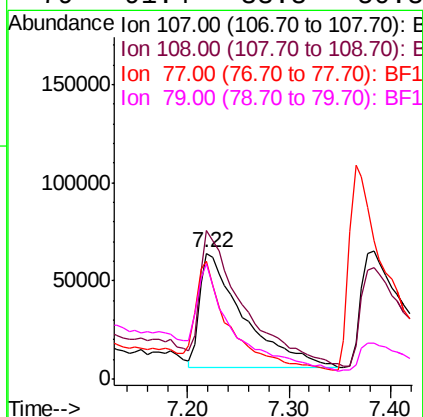
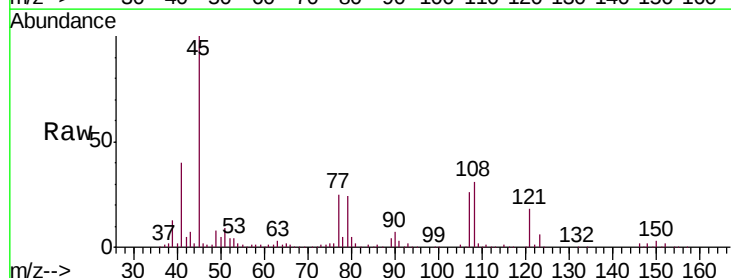
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

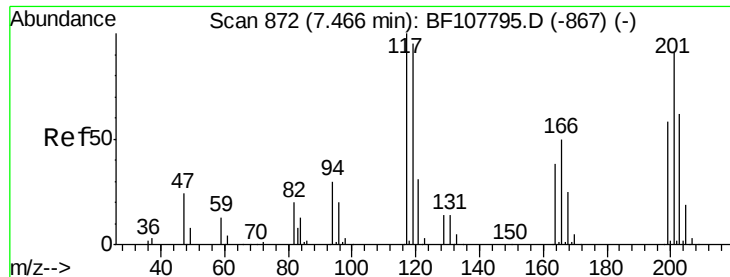
Tgt Ion: 45 Resp: 409466
Ion Ratio Lower Upper
45 100
77 24.6 0.0 32.9
79 24.0 0.0 29.6



#17
2-Methylphenol
Concen: 24.993 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion: 107 Resp: 173954
Ion Ratio Lower Upper
107 100
108 117.9 91.7 137.5
77 93.7 33.8 50.8#
79 91.4 33.8 50.8#

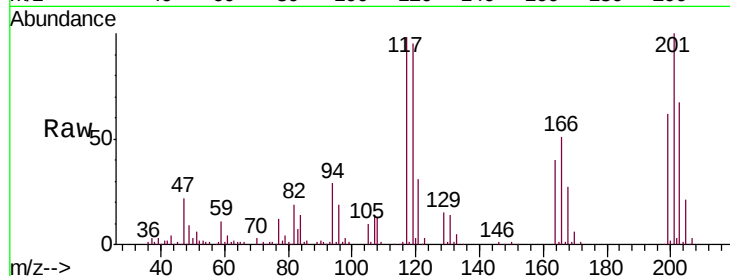




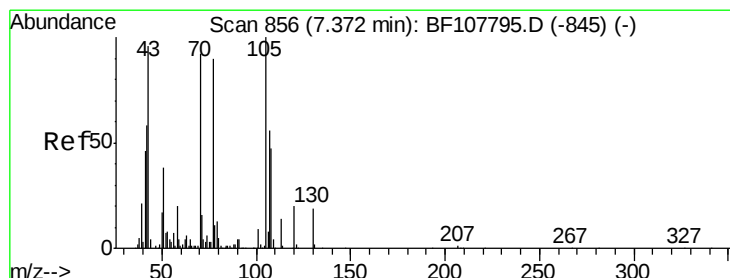
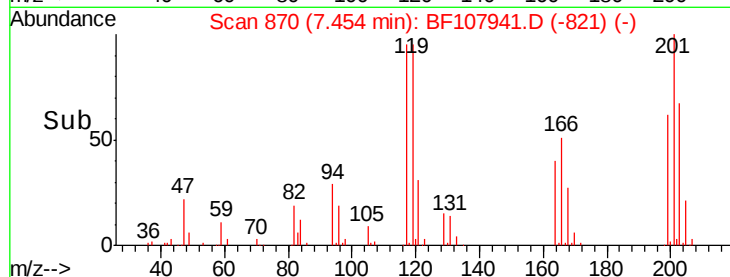
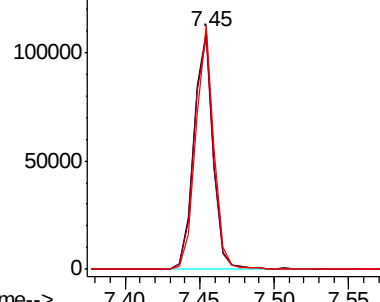
#18
Hexachloroethane
Concen: 25.238 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion:117 Resp: 99859
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
201 102.5 75.7 113.5

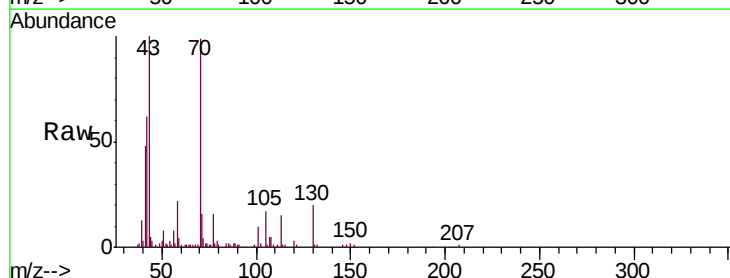


Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

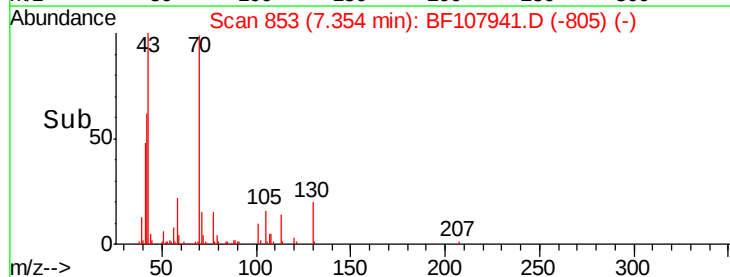
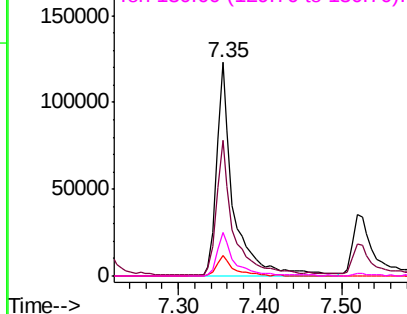


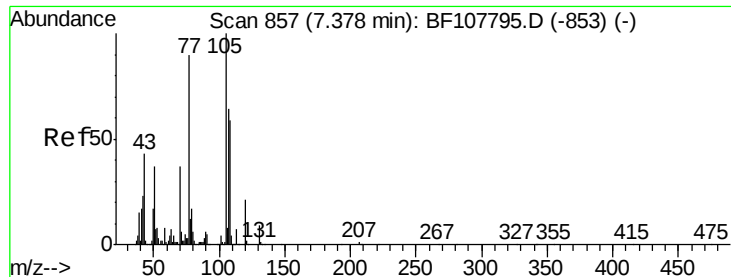
#19
n-Nitroso-di-n-propylamine
Concen: 28.315 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion: 70 Resp: 177685
Ion Ratio Lower Upper
70 100
42 63.3 47.5 71.3
101 9.9 7.4 11.2
130 20.4 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF1
150000 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

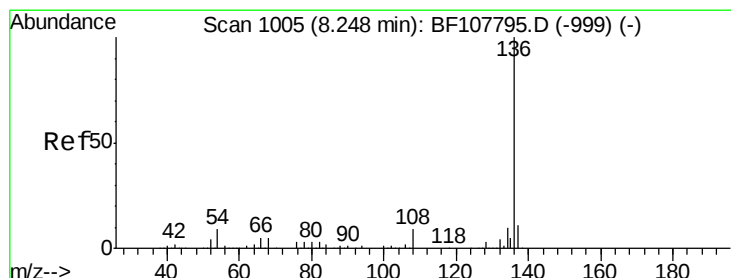
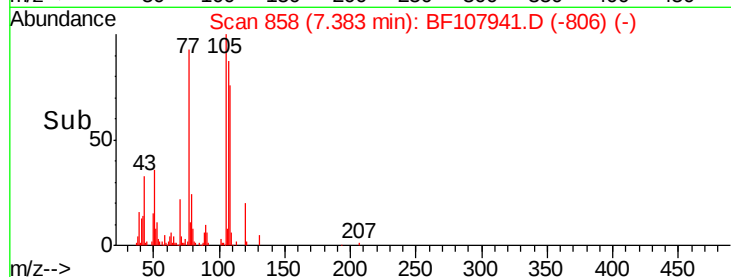
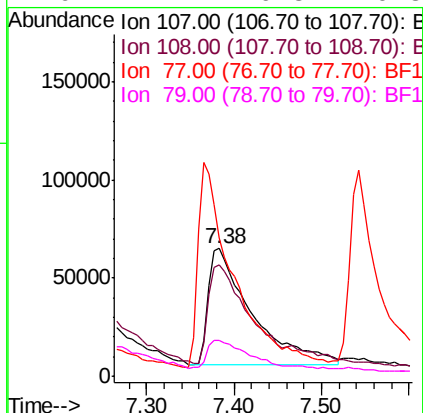
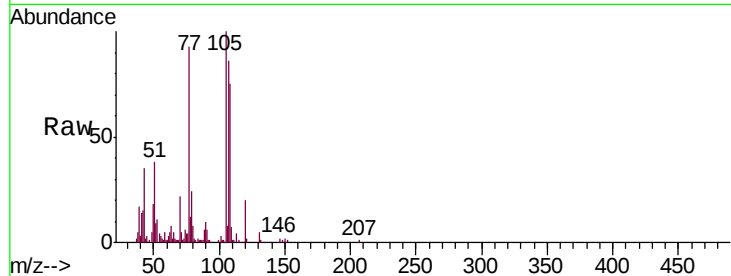




#20
3+4-Methylphenols
Concen: 23.678 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

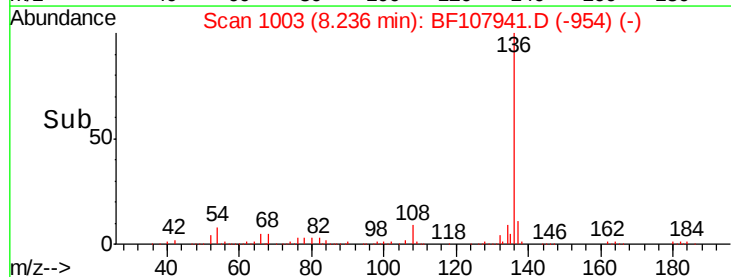
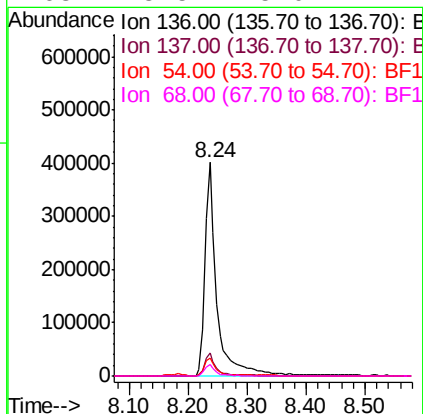
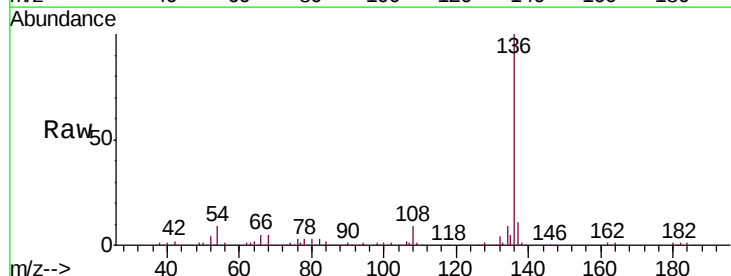
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

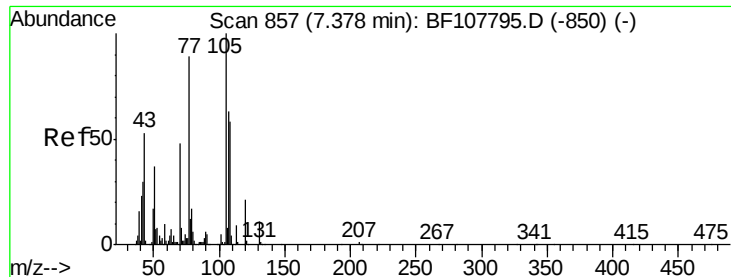
Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	108.0	26.7	66.7#
79	27.7	6.3	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.6	6.6	9.8
68	5.5	5.0	7.4

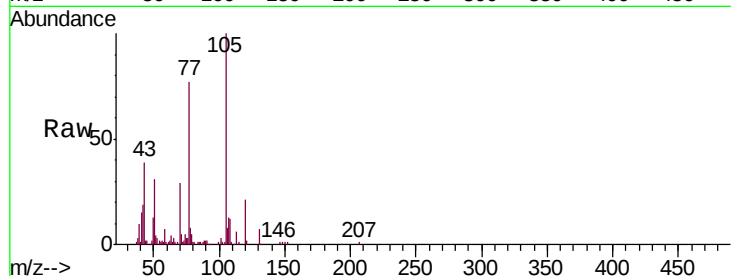




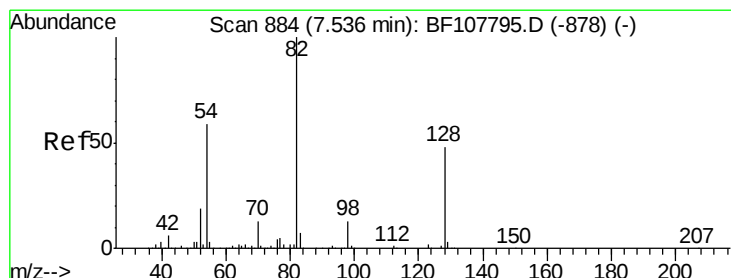
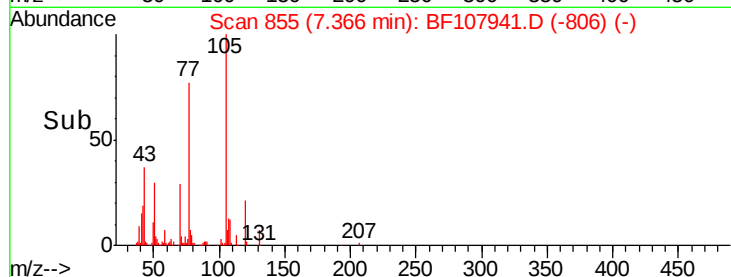
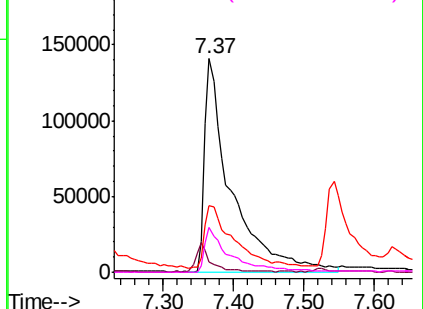
#22
Acetophenone
Concen: 26.828 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion:	105	Resp:	366186
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.4	6.6
51	31.3	22.3	33.5
120	20.8	16.9	25.3

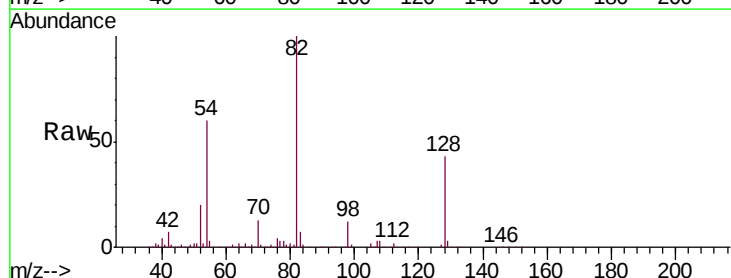


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

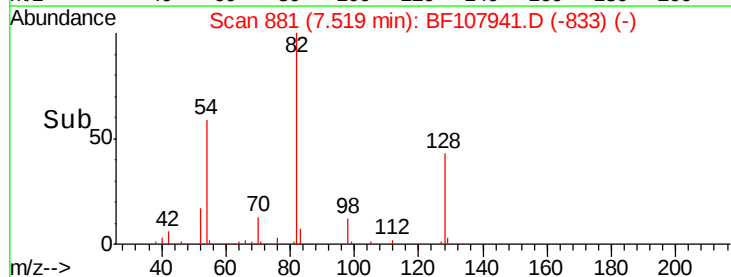
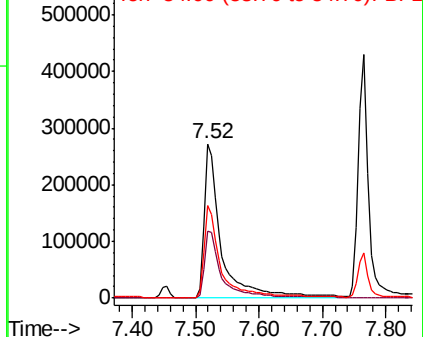


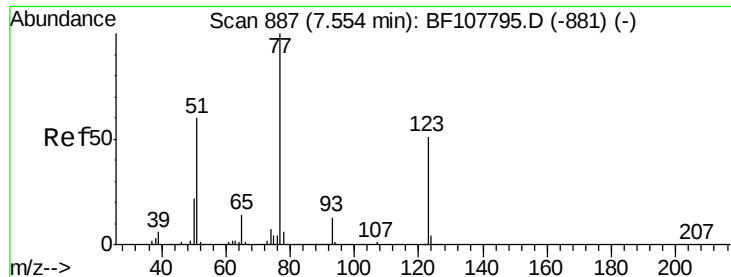
#23
Nitrobenzene-d5
Concen: 51.979 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:	82	Resp:	511883
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	60.1	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

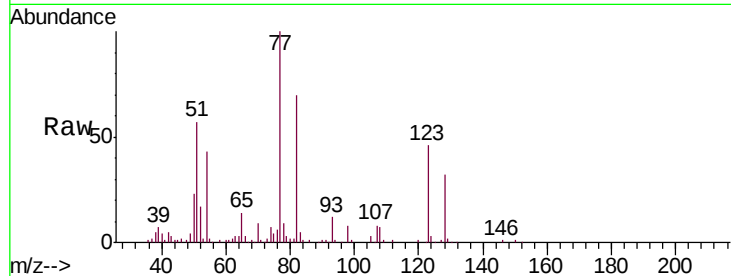




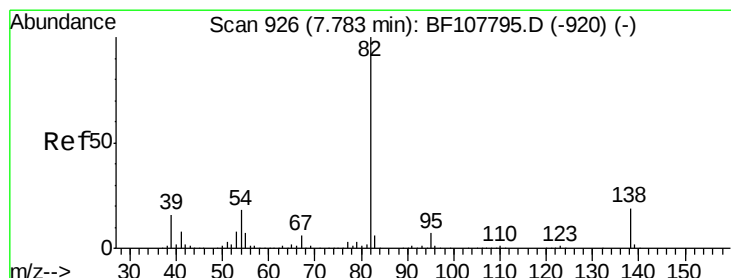
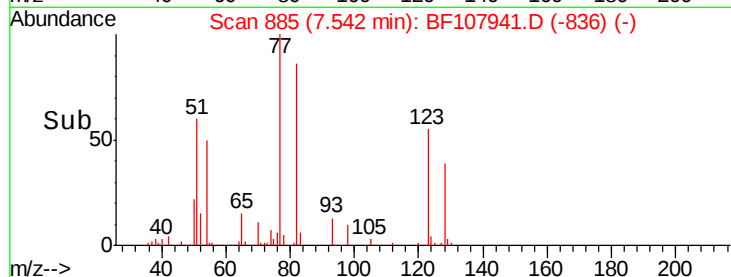
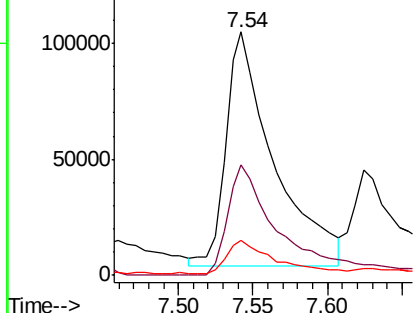
#24
Nitrobenzene
Concen: 21.928 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	14.3	11.0	16.4

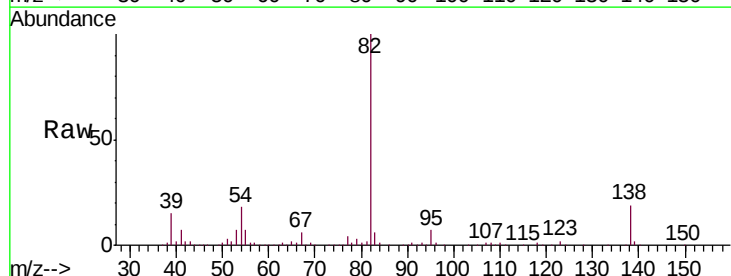


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

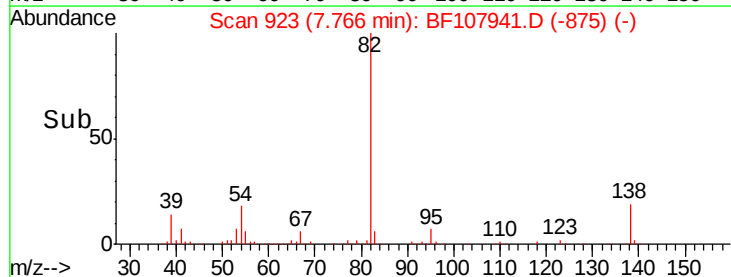
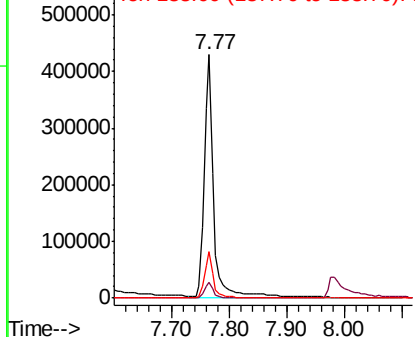


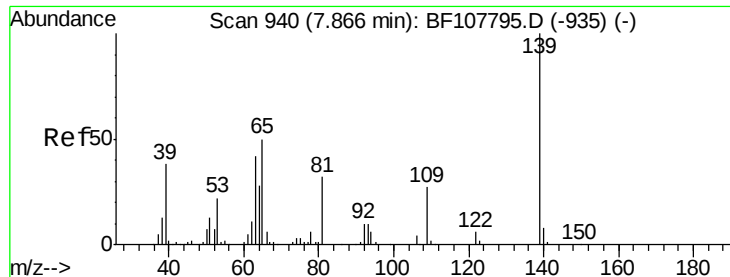
#25
Isophorone
Concen: 30.846 ng
RT: 7.77 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	19.0	14.9	22.3



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

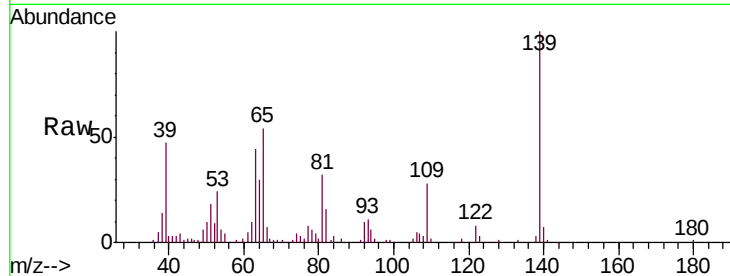




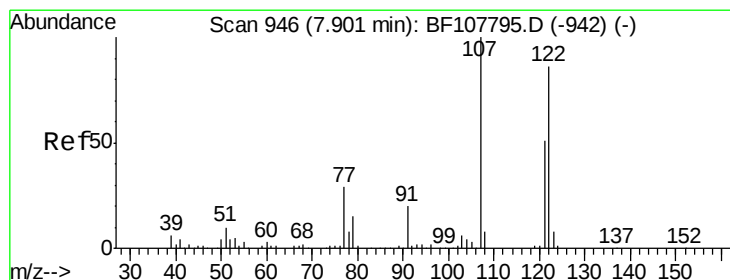
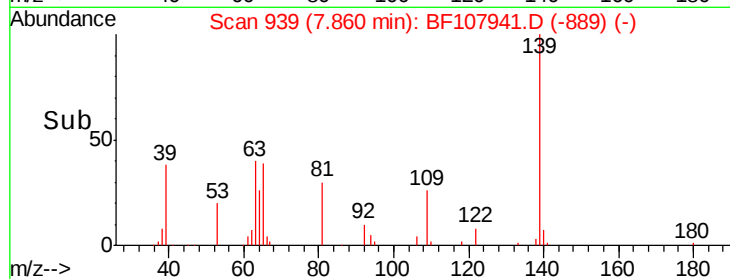
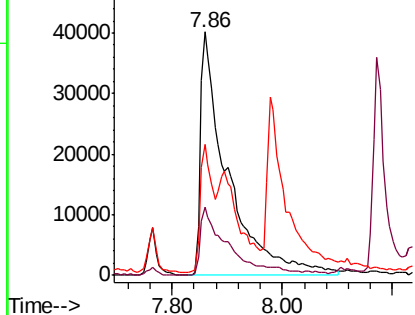
#26
 2-Nitrophenol
 Concen: 26.230 ng
 RT: 7.86 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tgt Ion:139 Resp: 135932
 Ion Ratio Lower Upper
 139 100
 109 28.0 22.7 34.1
 65 54.0 40.5 60.7

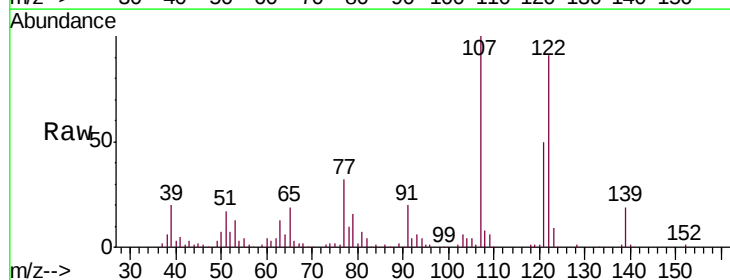


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

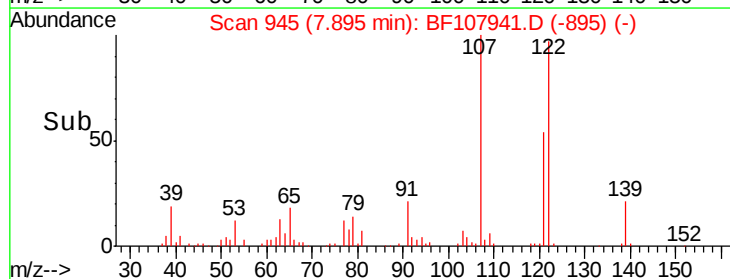
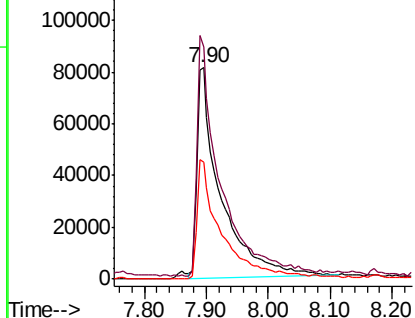


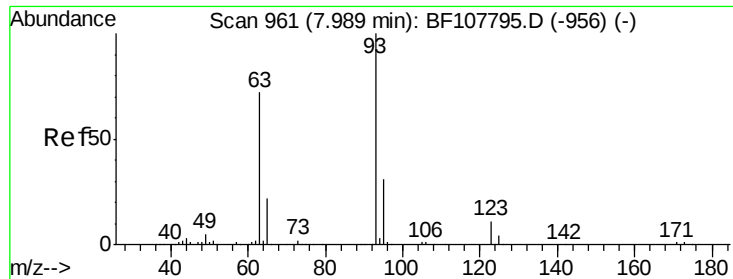
#27
 2,4-Dimethylphenol
 Concen: 31.206 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion:122 Resp: 216519
 Ion Ratio Lower Upper
 122 100
 107 109.5 91.2 136.8
 121 55.2 47.2 70.8



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

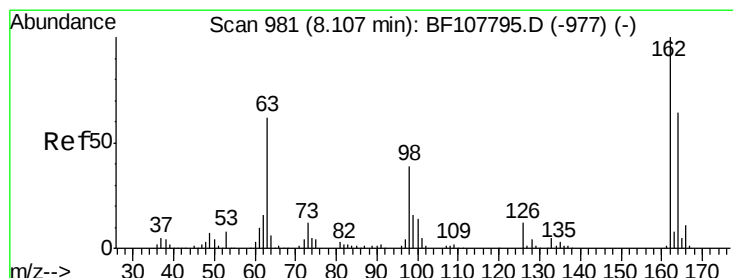
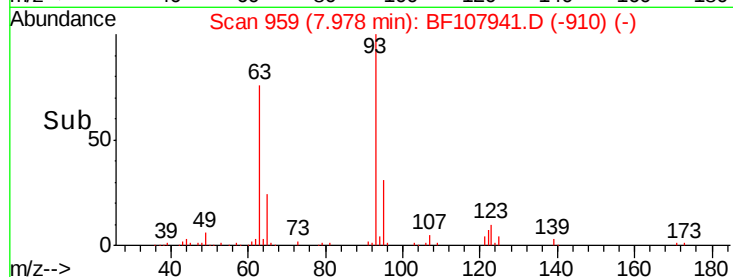
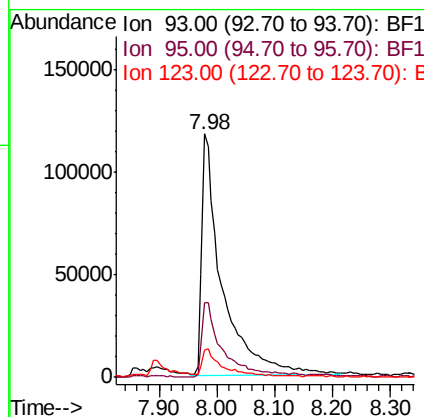
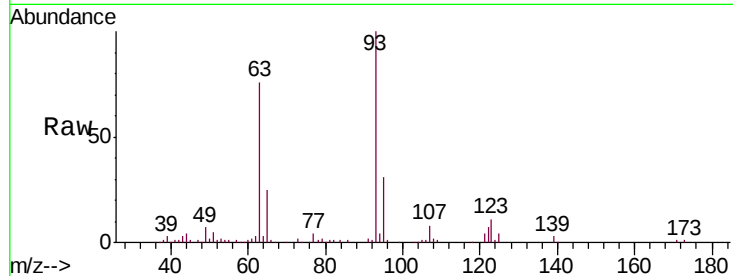




#28
bis(2-Chloroethoxy)methane
Concen: 27.237 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

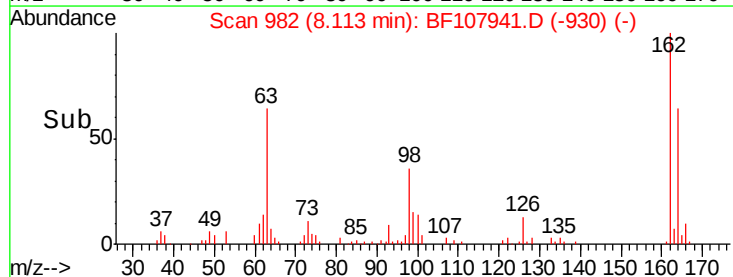
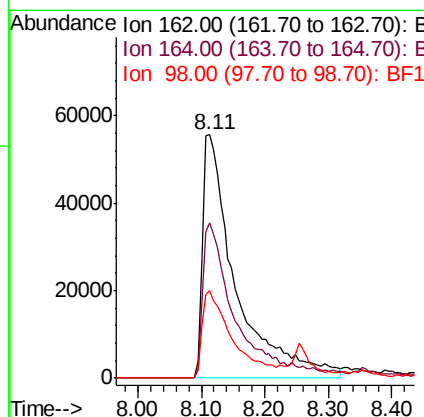
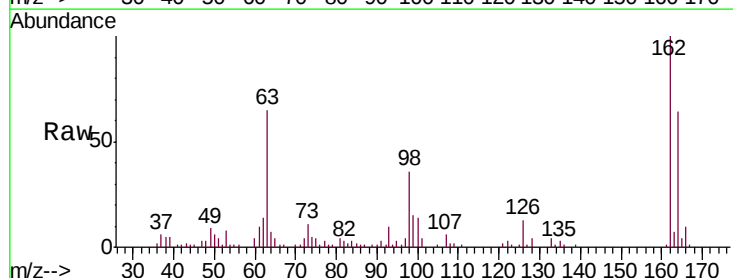
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

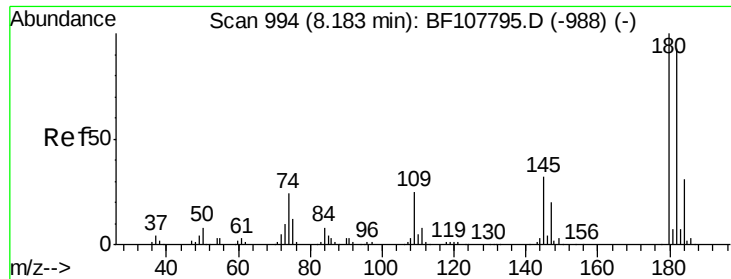
Tgt Ion: 93 Resp: 290164
Ion Ratio Lower Upper
93 100
95 30.7 26.3 39.5
123 11.1 9.8 14.6



#29
2,4-Dichlorophenol
Concen: 25.725 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion: 162 Resp: 201894
Ion Ratio Lower Upper
162 100
164 64.0 42.7 82.7
98 35.9 18.1 58.1

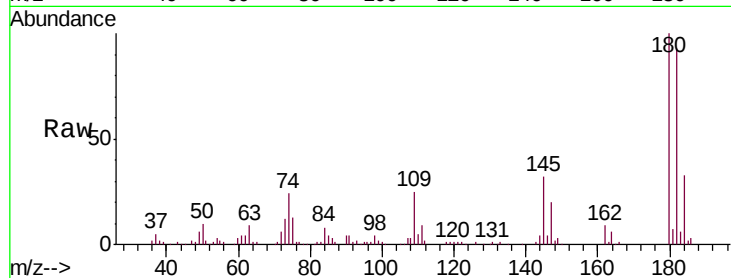




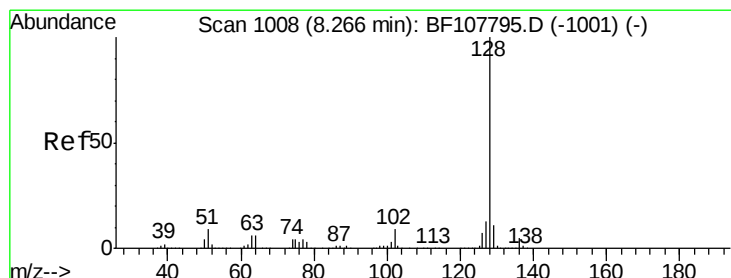
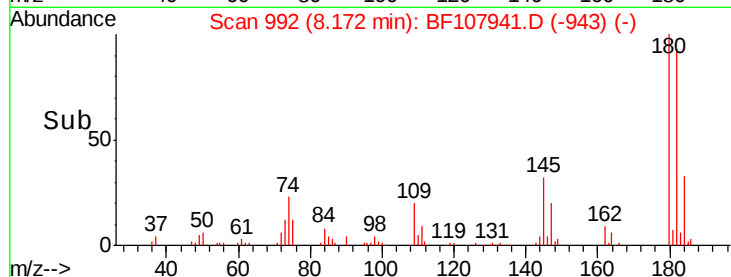
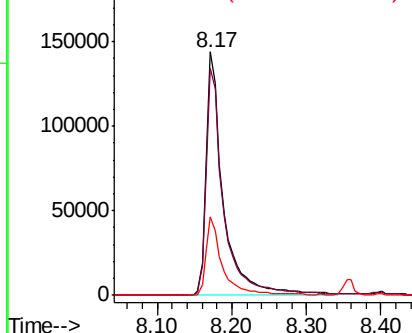
#30
 1,2,4-Trichlorobenzene
 Concen: 26.059 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tgt Ion:180 Resp: 233314
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.8 115.2
 145 32.0 26.5 39.7

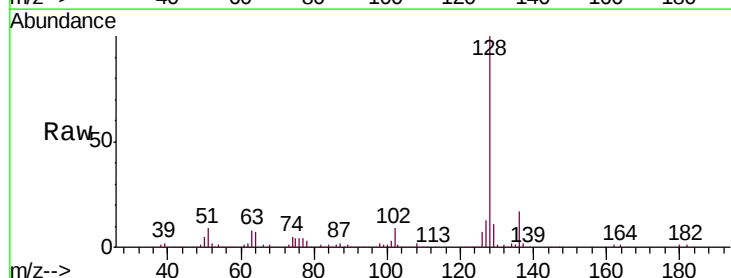


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

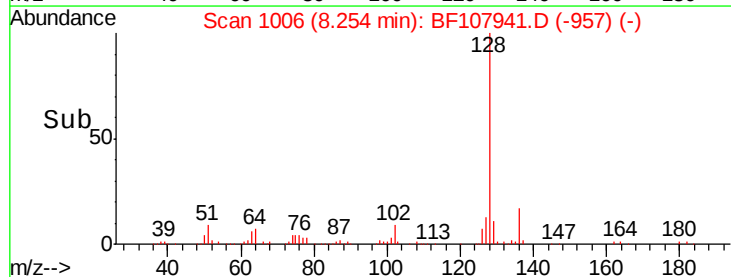
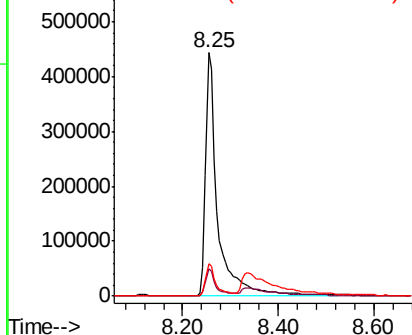


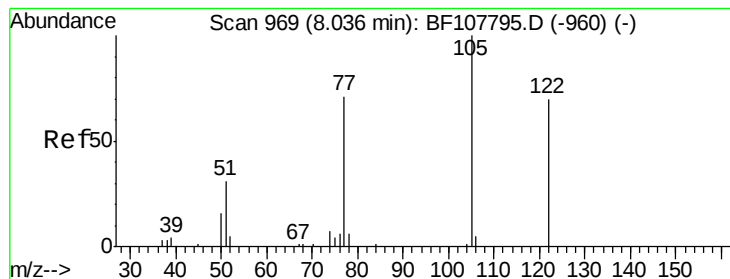
#31
 Naphthalene
 Concen: 29.526 ng
 RT: 8.25 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion:128 Resp: 778658
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.4 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: 46.171 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.14 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

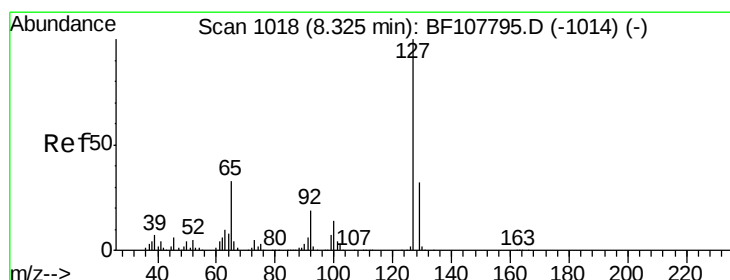
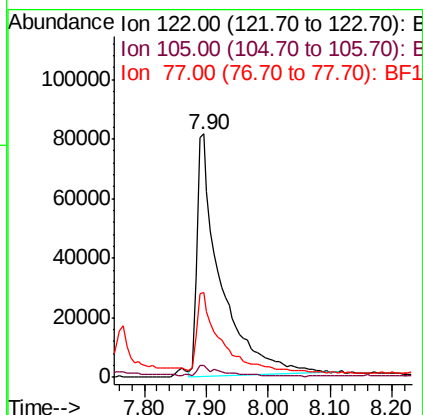
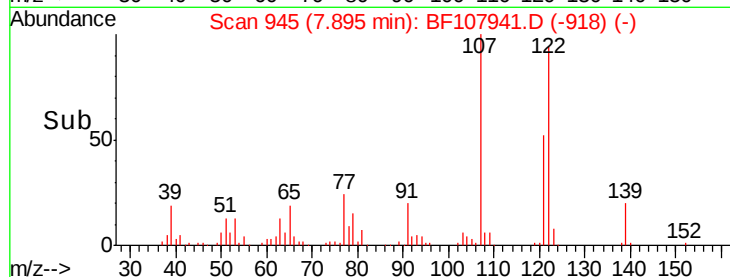
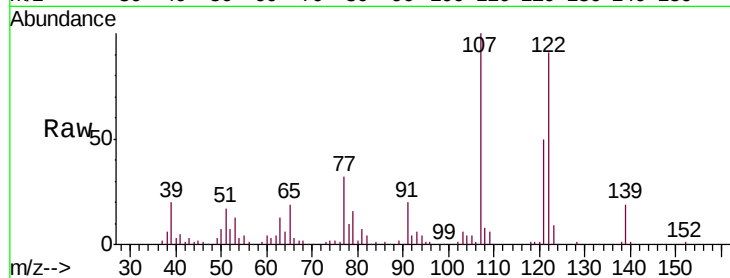
Tgt Ion:122 Resp: 216519

Ion Ratio Lower Upper

122 100

105 4.8 101.1 141.1#

77 34.7 70.7 110.7#



#33

4-Chloroaniline

Concen: 16.606 ng

RT: 8.34 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:127 Resp: 187063

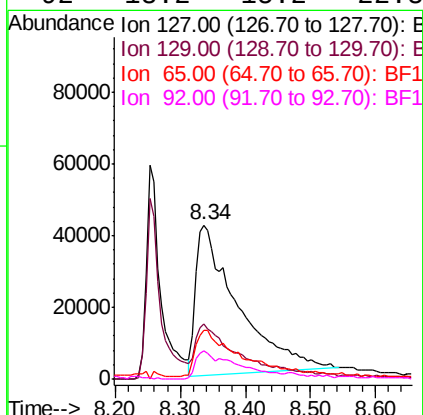
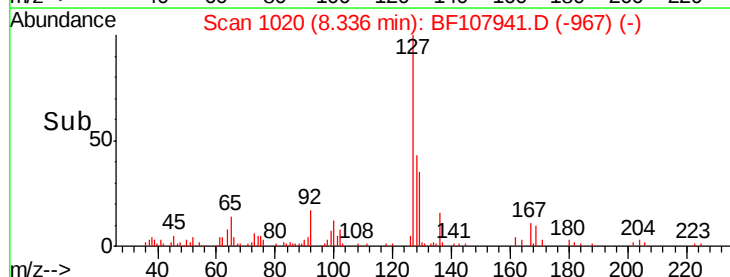
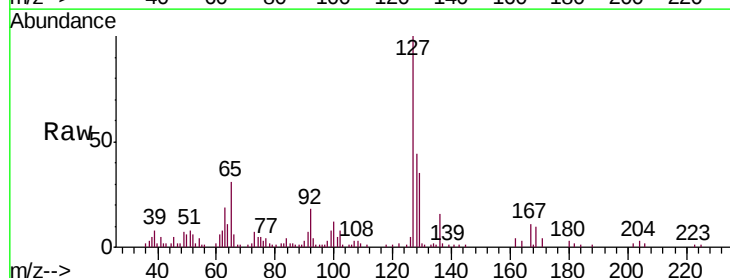
Ion Ratio Lower Upper

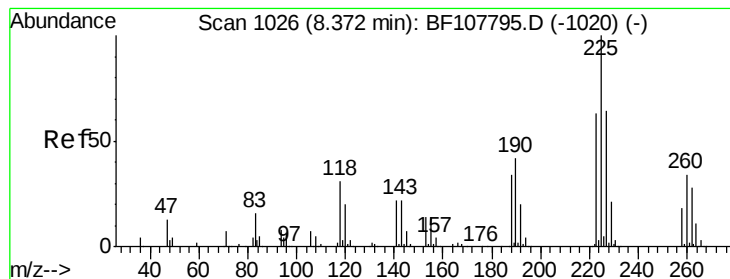
127 100

129 35.5 25.9 38.9

65 31.2 25.0 37.4

92 18.2 15.2 22.8





#34

Hexachlorobutadiene

Concen: 24.820 ng

RT: 8.36 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

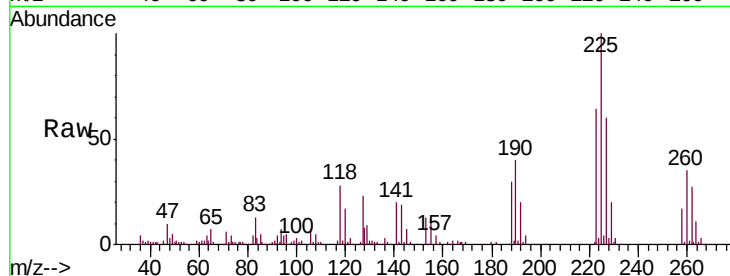
Tgt Ion: 225 Resp: 137324

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

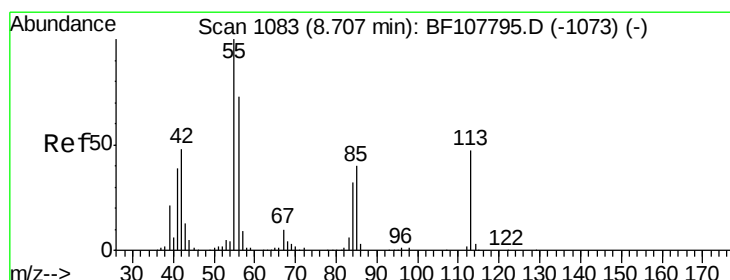
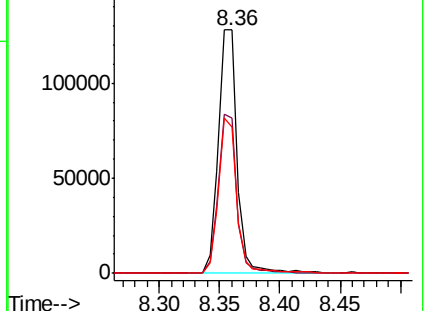
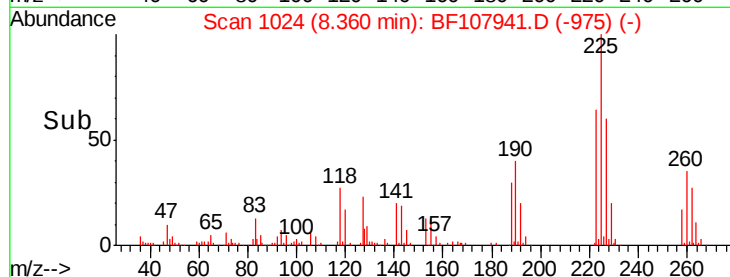
227 60.2 51.9 77.9



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: 21.236 ng

RT: 8.67 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

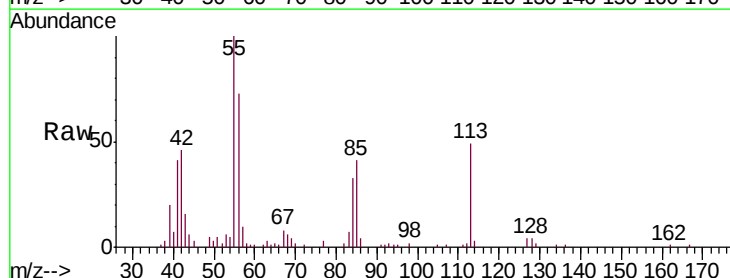
Tgt Ion: 113 Resp: 50172

Ion Ratio Lower Upper

113 100

55 206.0 163.3 203.3#

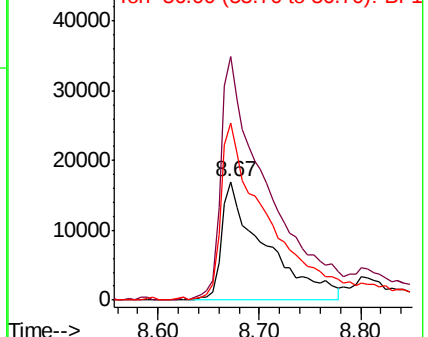
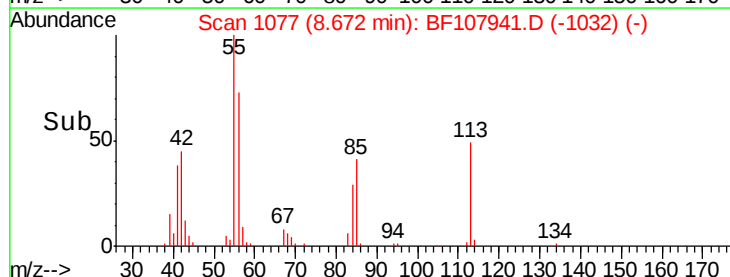
56 149.4 115.7 155.7

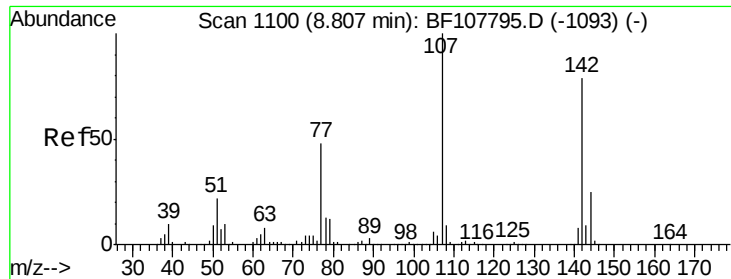


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

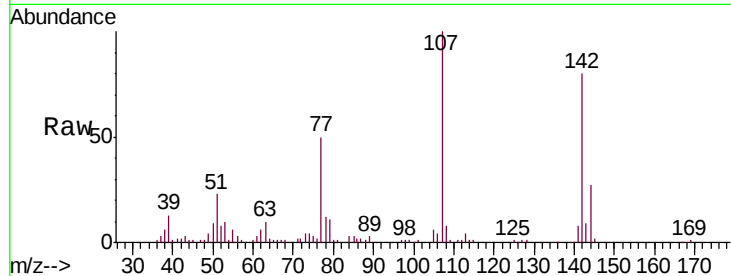




#36
 4-Chloro-3-methylphenol
 Concen: 24.481 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	80.3	62.0	93.0

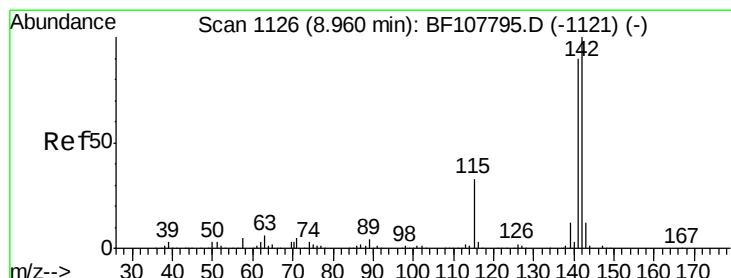
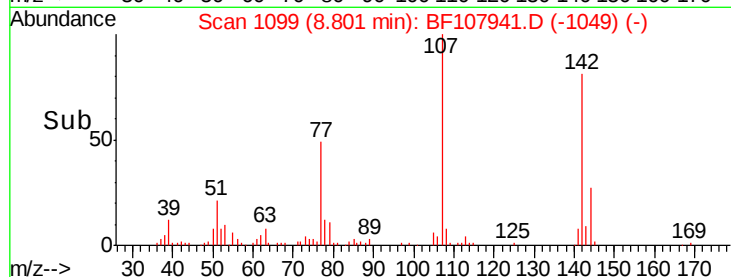
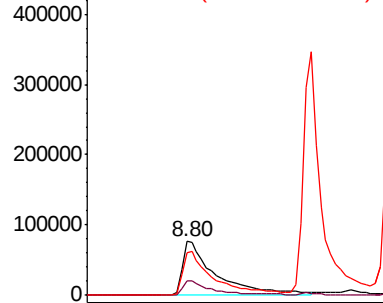


Abundance

Ion 107.00 (106.70 to 107.70): E

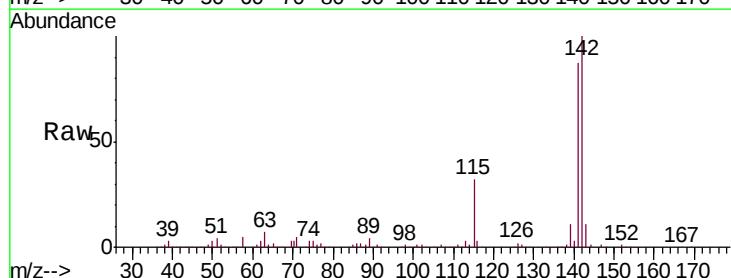
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 30.095 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	31.6	26.1	39.1

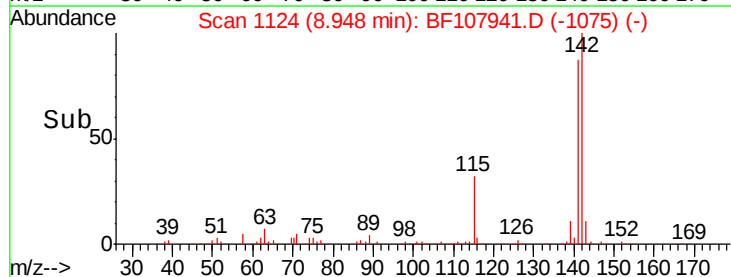
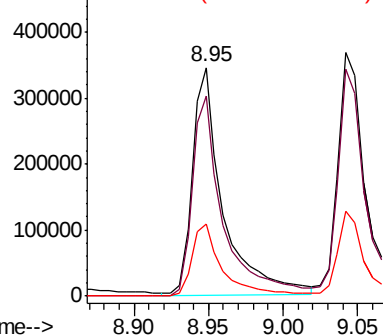


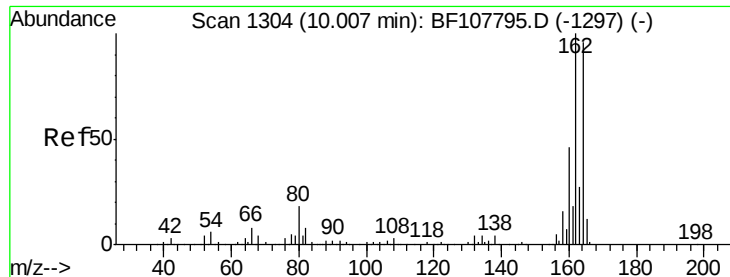
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

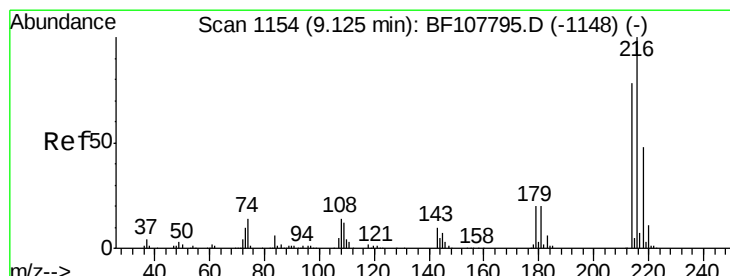
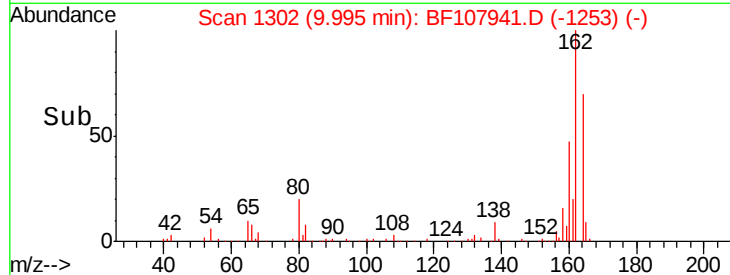
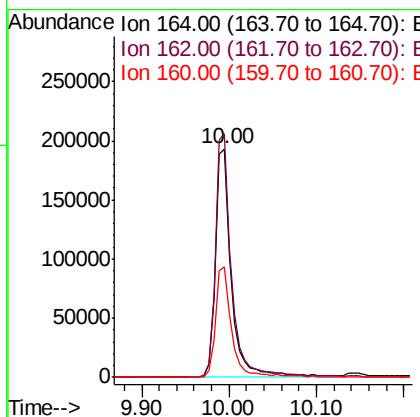
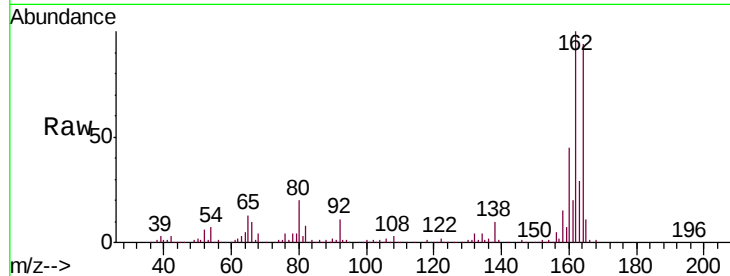




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

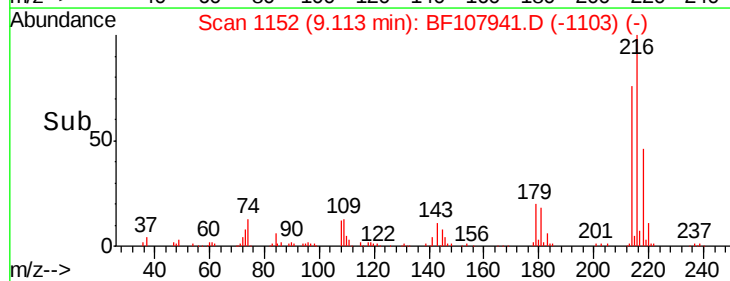
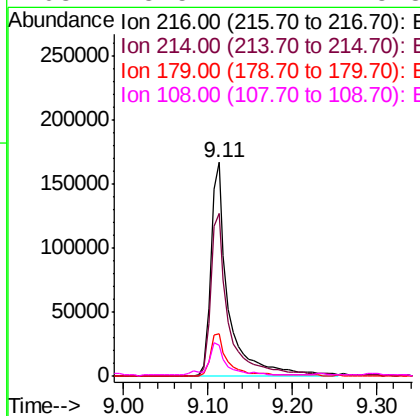
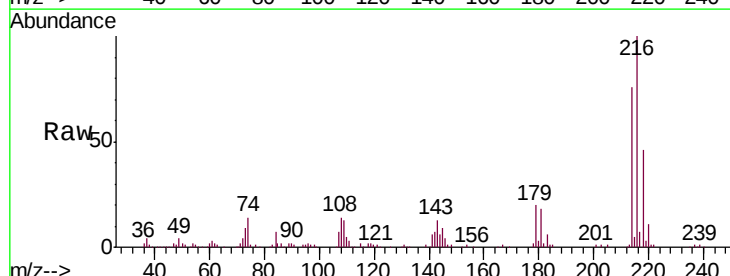
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

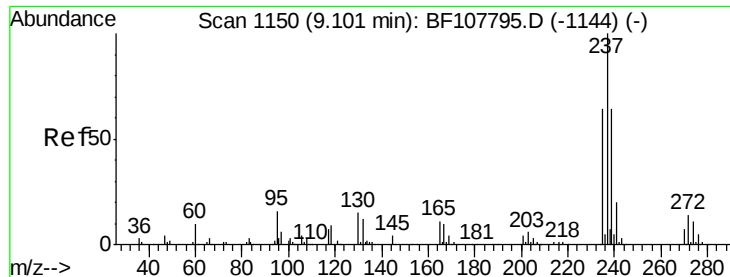
Tgt Ion:164 Resp: 246578
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 48.2 38.3 57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.149 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion:216 Resp: 245057
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.0 94.4
 179 20.0 18.1 27.1
 108 15.5 17.2 25.8#

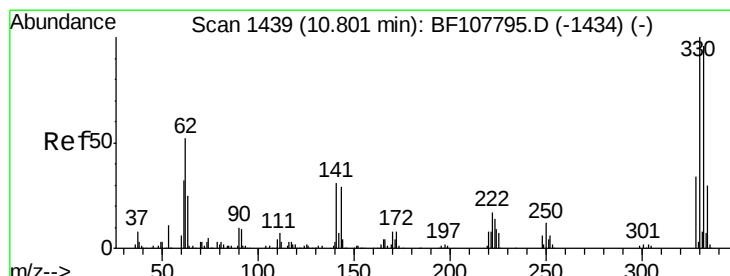
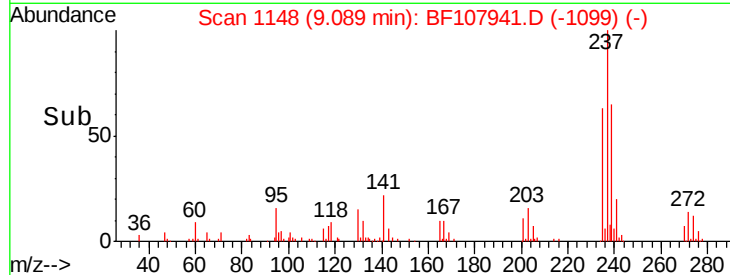
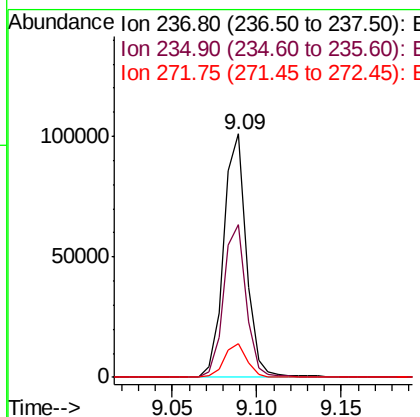
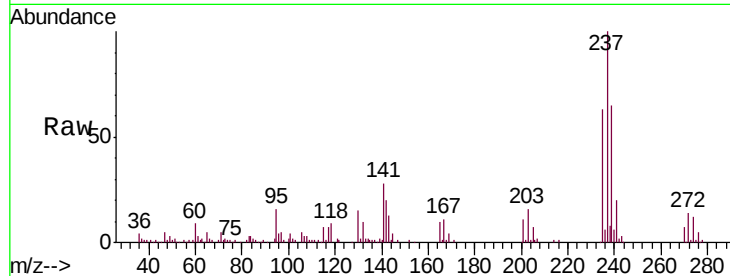




#40
Hexachlorocyclopentadiene
Concen: 31.160 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

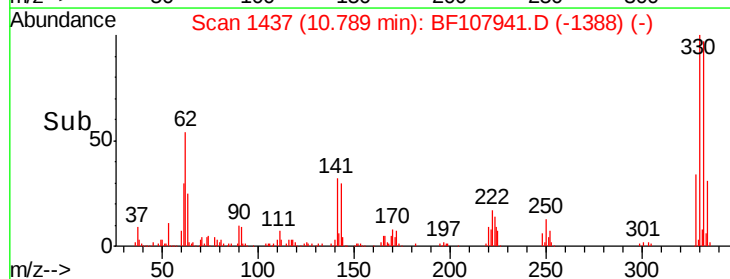
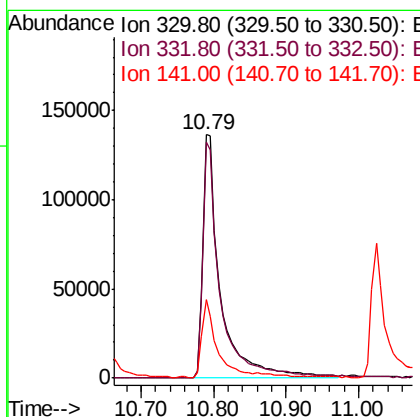
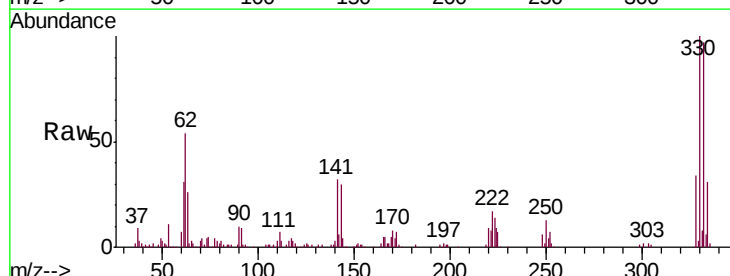
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

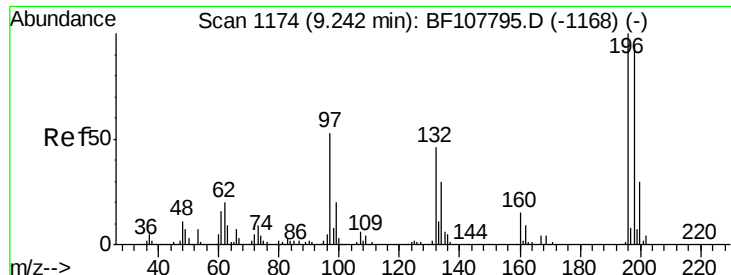
Tgt Ion: 237 Resp: 94710
Ion Ratio Lower Upper
237 100
235 62.7 44.8 84.8
272 14.1 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 69.721 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion: 330 Resp: 233600
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 28.3 29.9 44.9#





#42

2,4,6-Trichlorophenol

Concen: 26.525 ng

RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

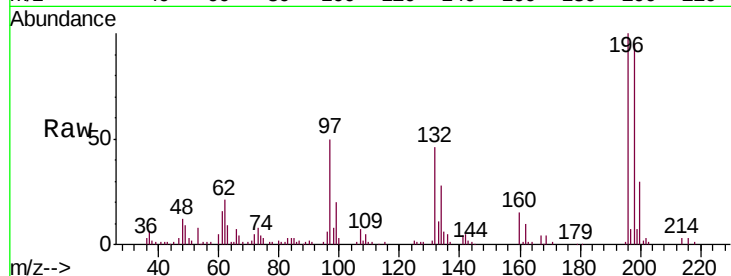
Tgt Ion:196 Resp: 123282

Ion Ratio Lower Upper

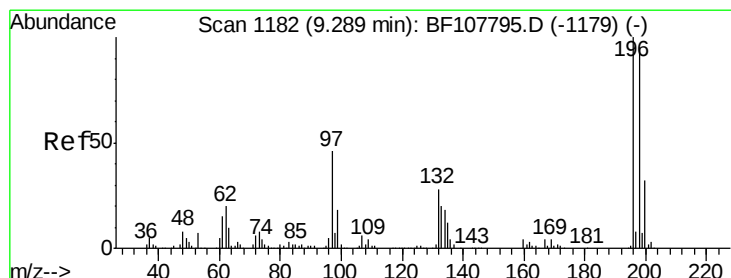
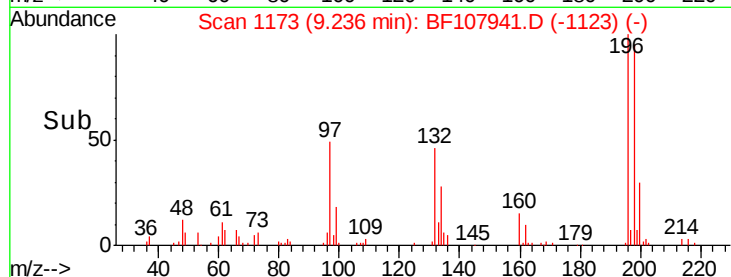
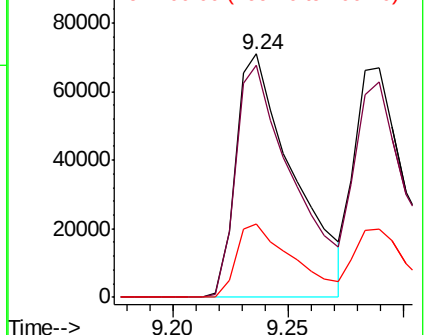
196 100

198 95.4 75.7 113.5

200 30.1 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: 28.390 ng

RT: 9.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Tgt Ion:196 Resp: 158846

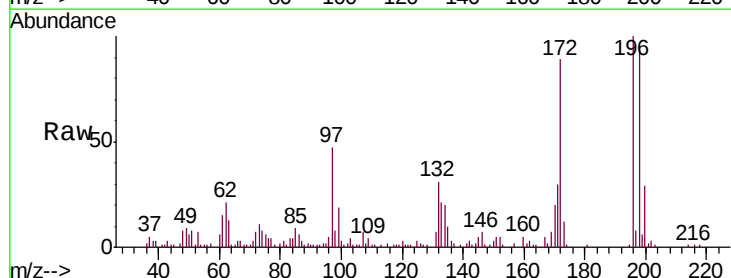
Ion Ratio Lower Upper

196 100

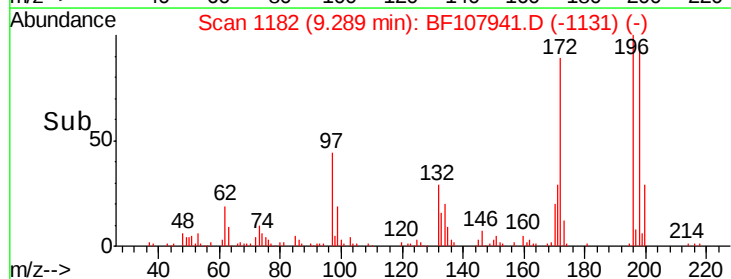
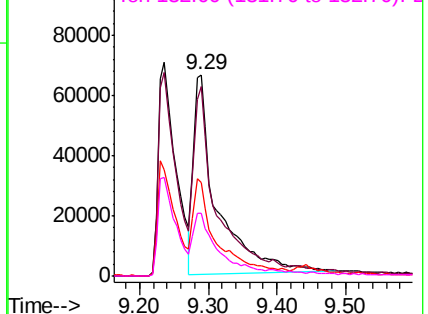
198 93.8 74.6 112.0

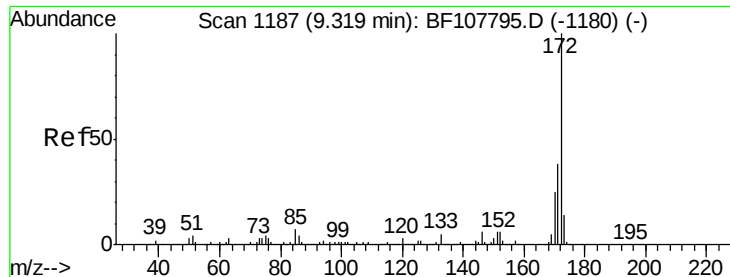
97 46.6 42.9 64.3

132 30.8 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

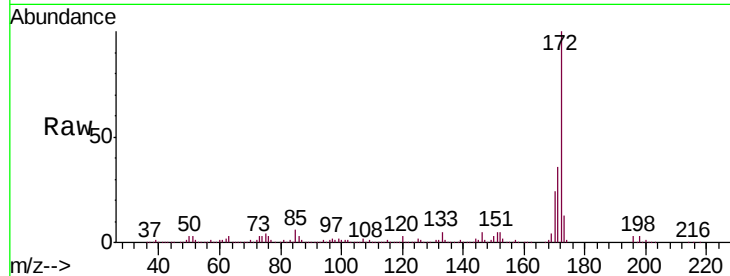




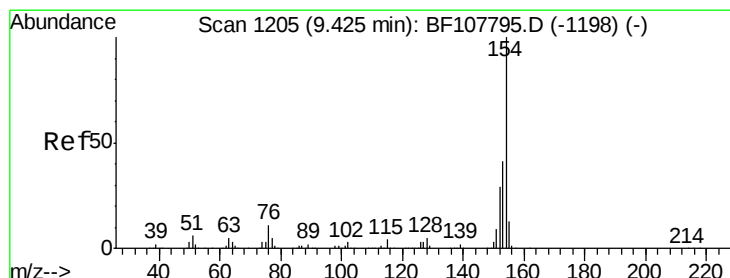
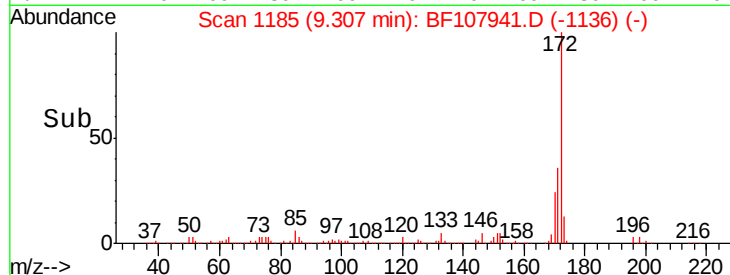
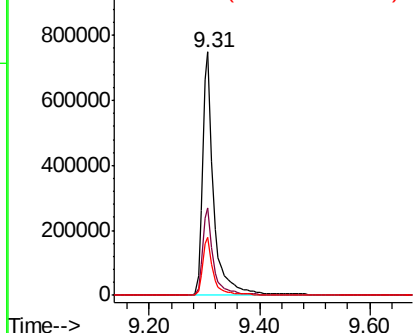
#44
2-Fluorobiphenyl
Concen: 58.859 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion:172 Resp: 1041507
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.6 19.6 29.4

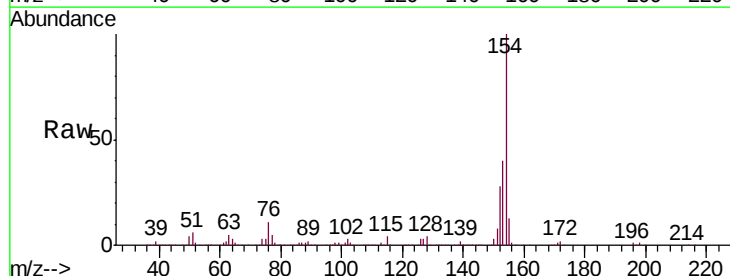


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

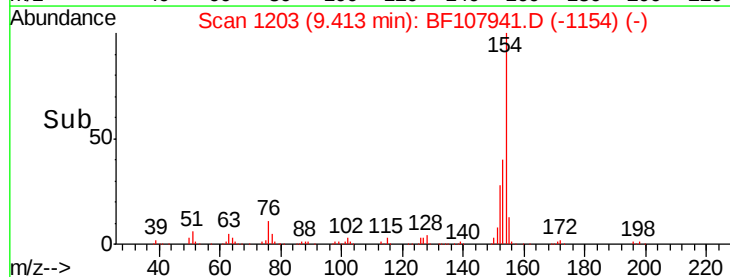
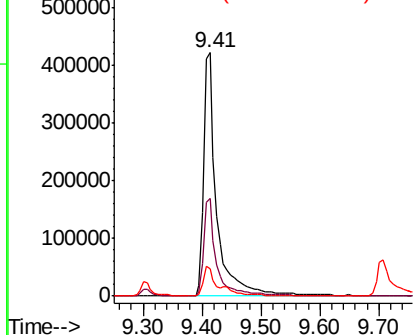


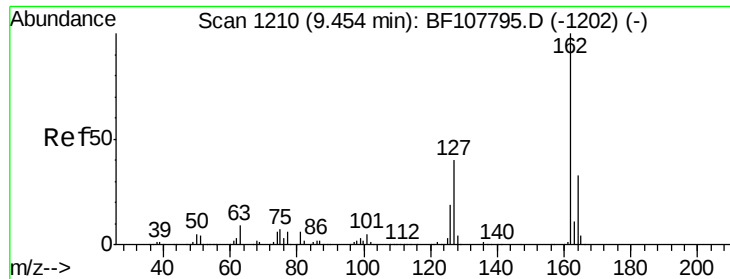
#45
1,1'-Biphenyl
Concen: 29.096 ng
RT: 9.41 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:154 Resp: 652904
Ion Ratio Lower Upper
154 100
153 40.3 21.3 61.3
76 11.0 0.0 34.0



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

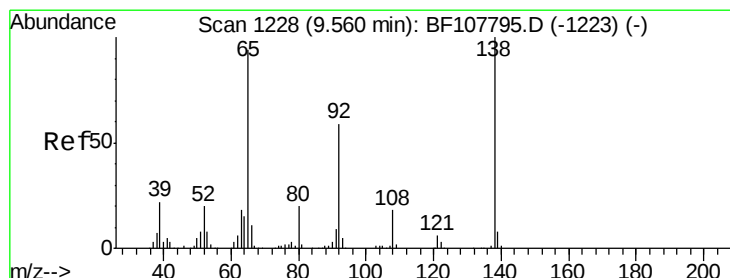
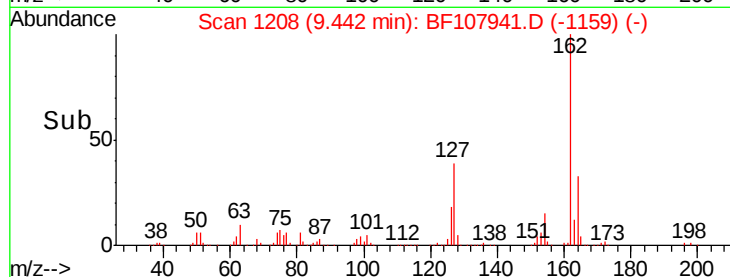
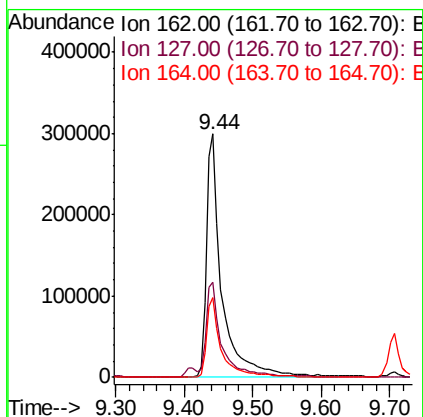
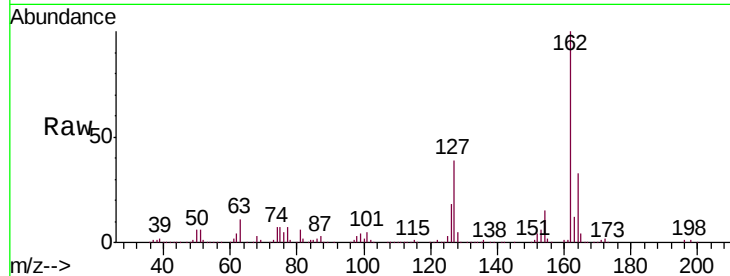




#46
 2-Chloronaphthalene
 Concen: 28.325 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

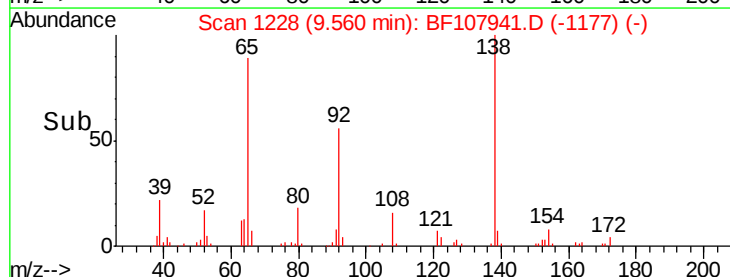
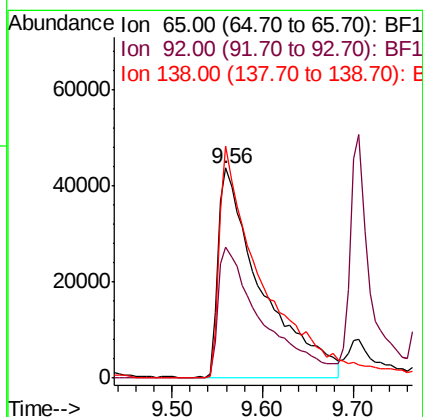
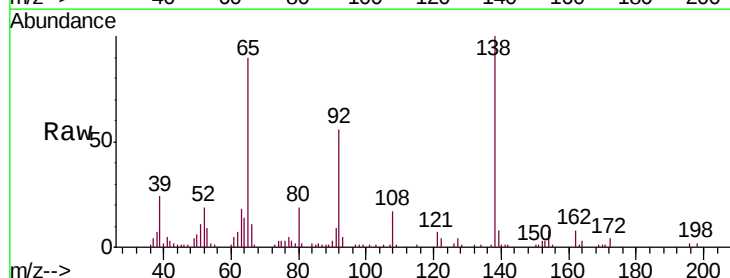
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

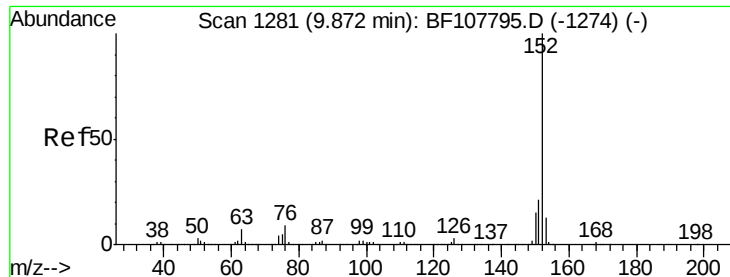
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.9	50.9
164	32.7	26.5	39.7



#47
 2-Nitroaniline
 Concen: 26.286 ng
 RT: 9.56 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	55.8	83.6
138	110.7	91.2	136.8





#48

Acenaphthylene

Concen: 29.213 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

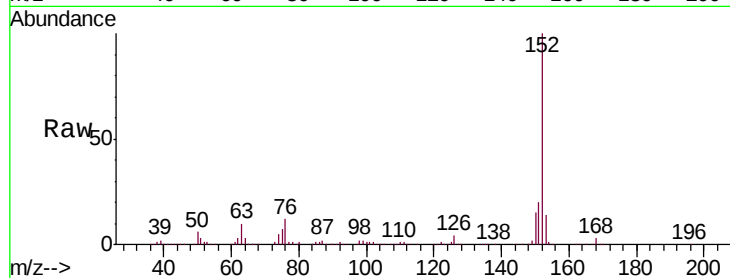
Tgt Ion:152 Resp: 766370

Ion Ratio Lower Upper

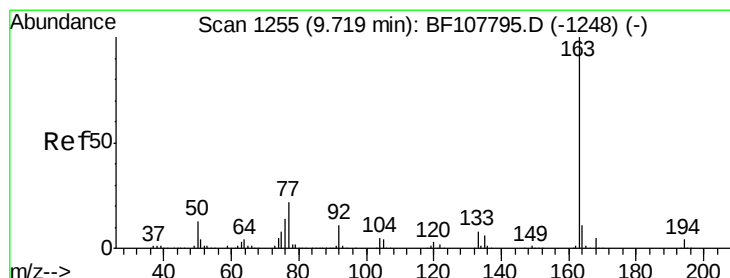
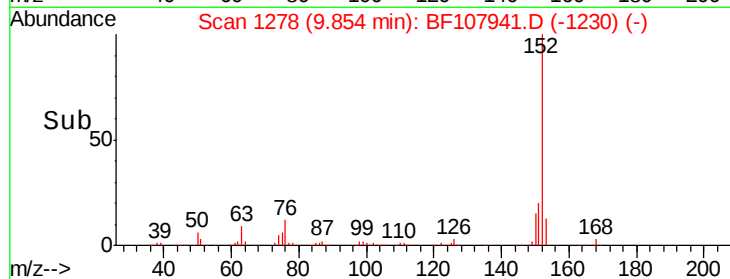
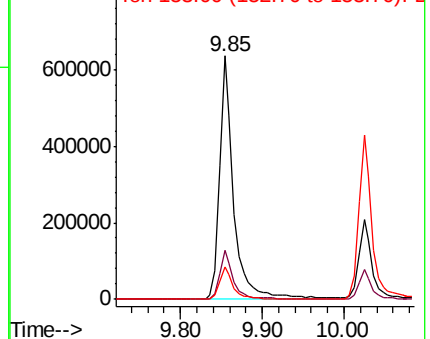
152 100

151 20.4 16.3 24.5

153 13.6 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: 34.961 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

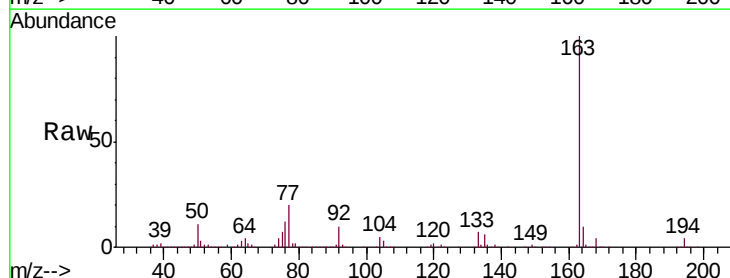
Tgt Ion:163 Resp: 647409

Ion Ratio Lower Upper

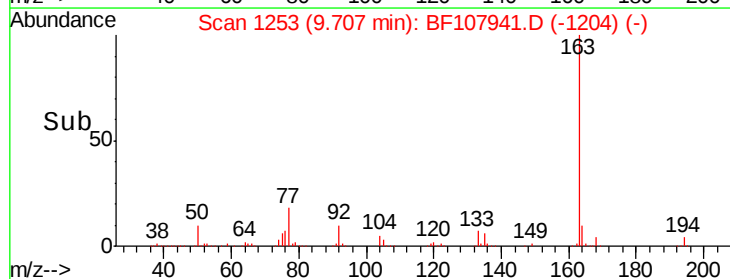
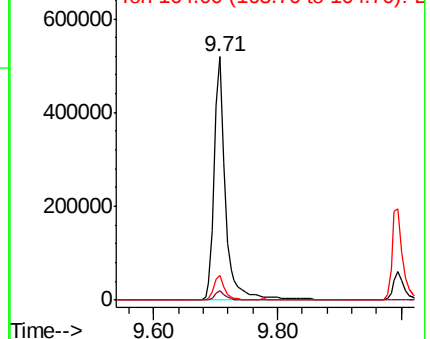
163 100

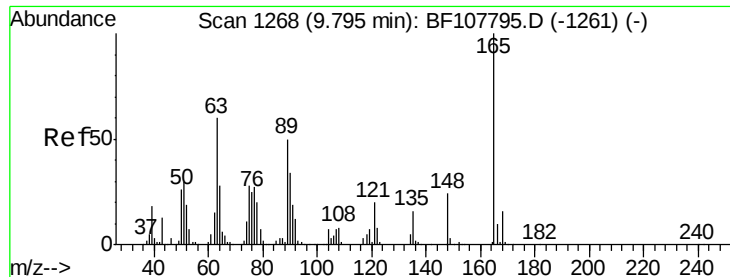
194 3.6 2.7 4.1

164 10.4 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

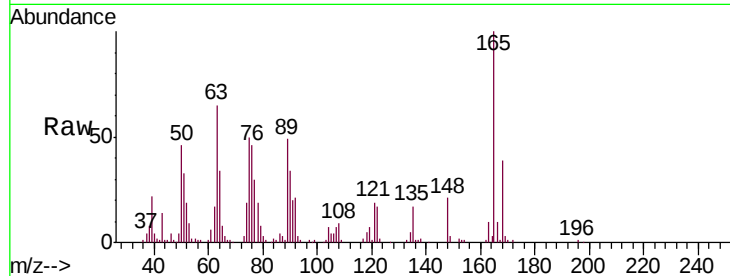




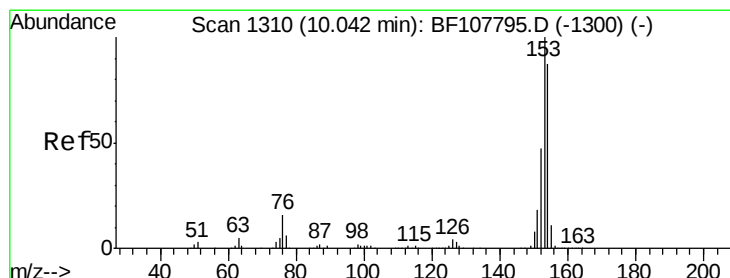
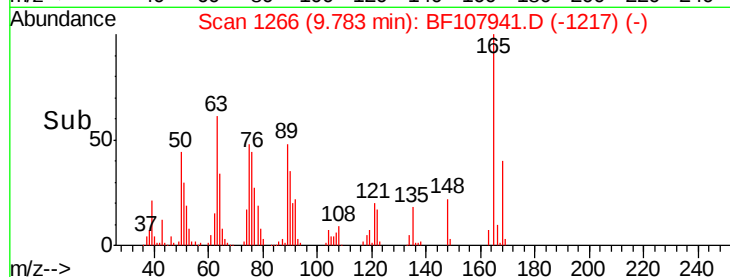
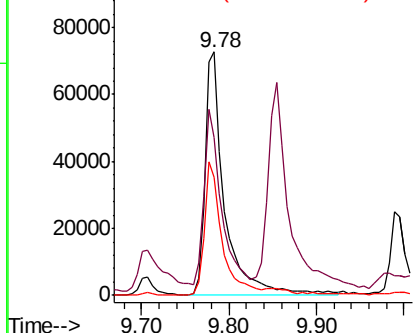
#50
2,6-Dinitrotoluene
Concen: 28.094 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion:165 Resp: 113061
Ion Ratio Lower Upper
165 100
63 64.6 44.7 67.1
89 48.6 44.0 66.0

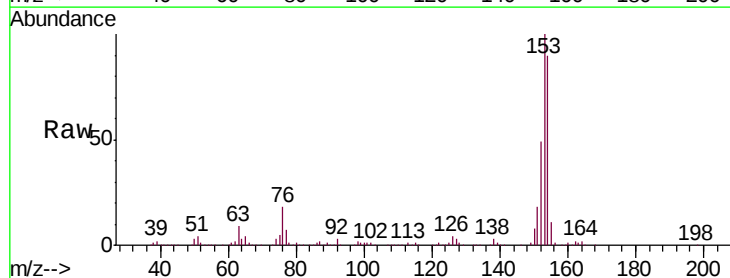


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

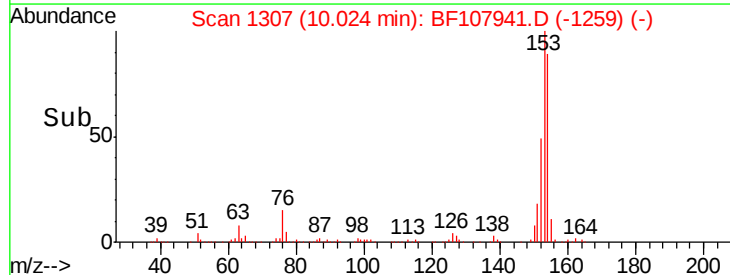
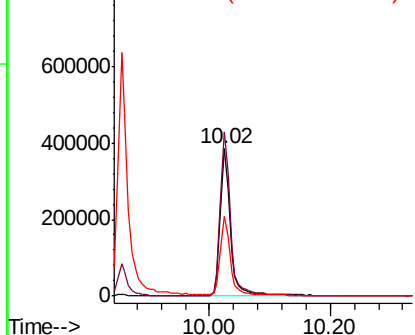


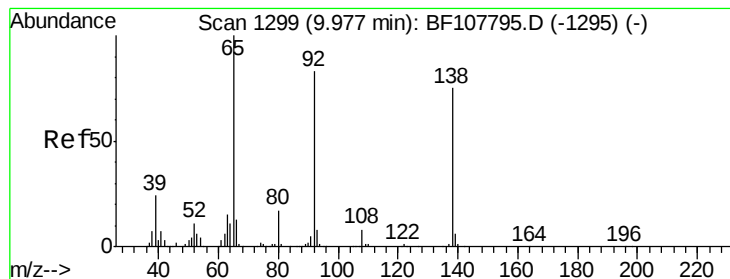
#51
Acenaphthene
Concen: 29.653 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:154 Resp: 451888
Ion Ratio Lower Upper
154 100
153 111.7 91.2 136.8
152 54.4 43.8 65.8



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





#52

3-Nitroaniline

Concen: 20.678 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

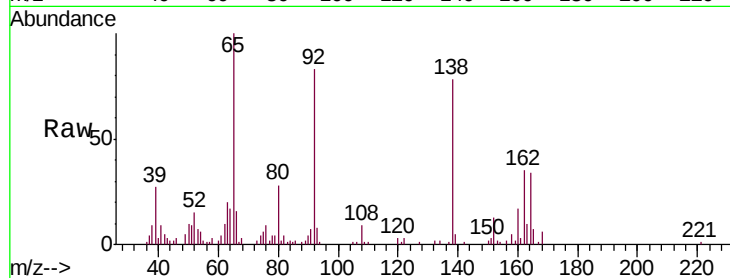
Tgt Ion:138 Resp: 104861

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.0

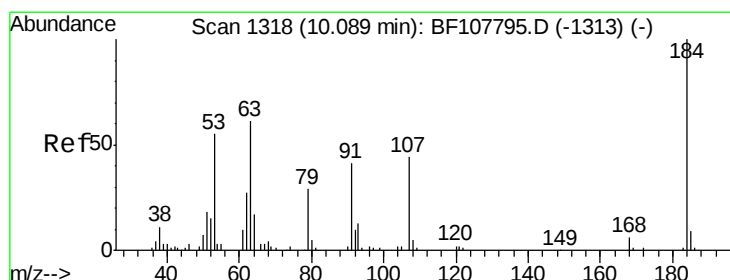
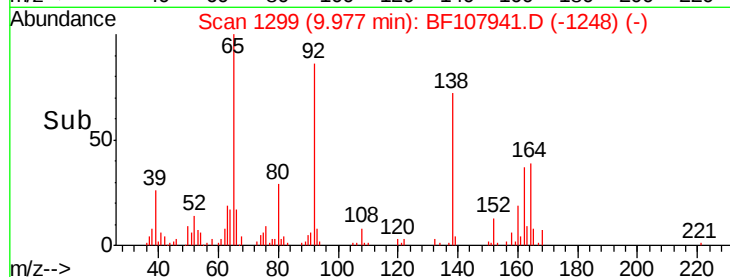
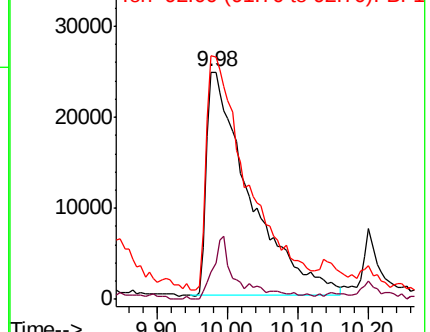
92 107.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 12.451 ng

RT: 10.13 min Scan# 1325

Delta R.T. 0.04 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

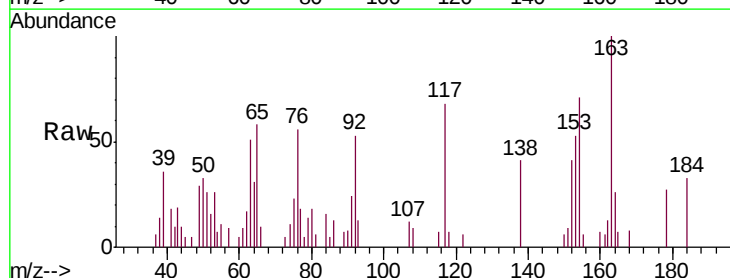
Tgt Ion:184 Resp: 9510

Ion Ratio Lower Upper

184 100

63 153.6 54.2 81.2#

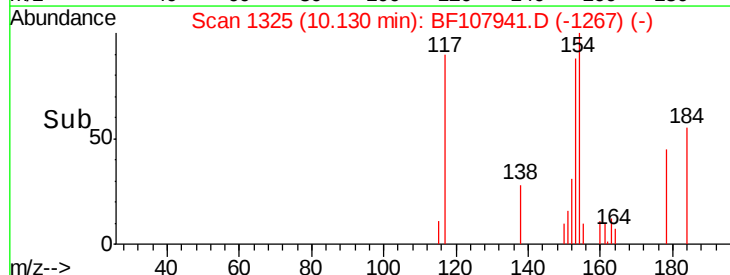
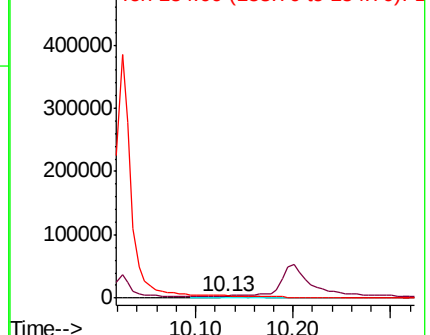
154 214.1 184.0 276.0

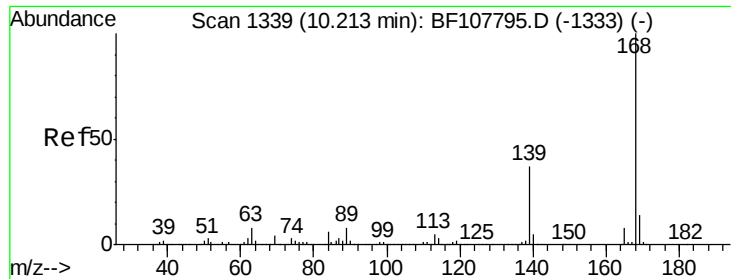


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 27.153 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

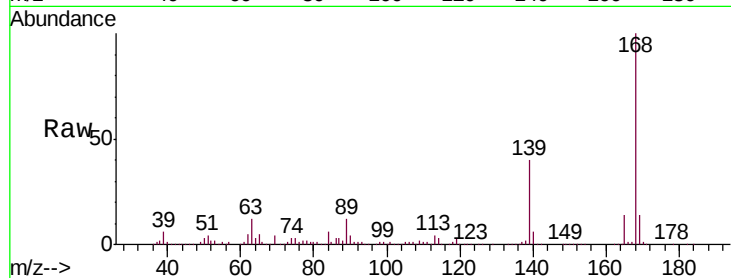
Tgt Ion:168 Resp: 639571

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

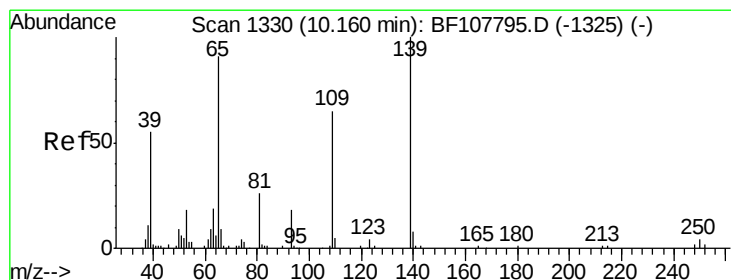
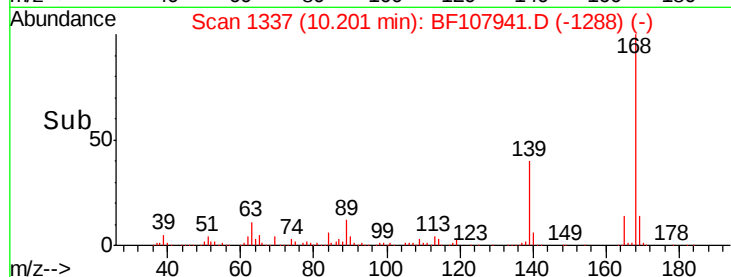
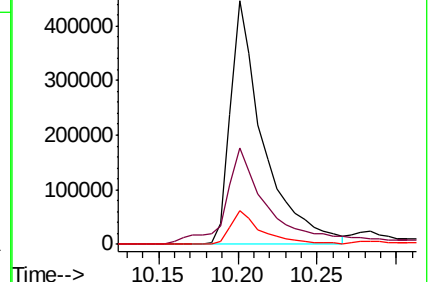
169 14.0 10.9 16.3



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: 145.207 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.04 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

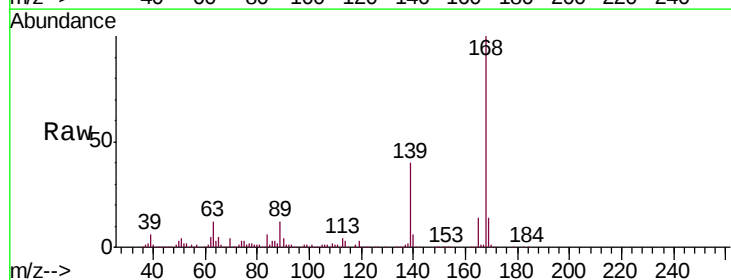
Tgt Ion:139 Resp: 367067

Ion Ratio Lower Upper

139 100

109 6.3 48.4 88.4#

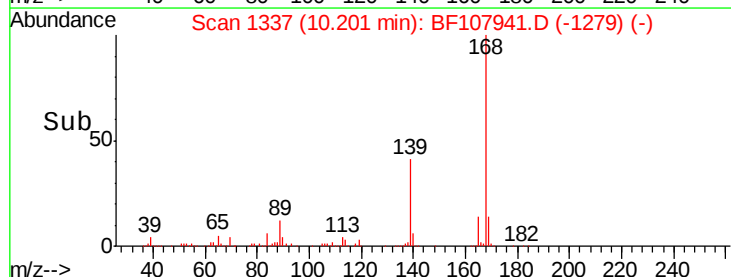
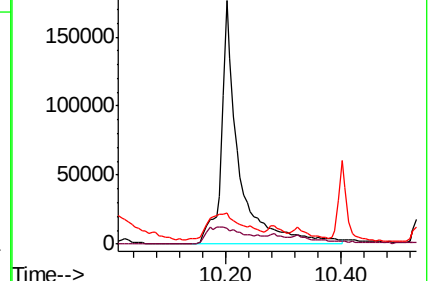
65 12.8 72.6 112.6#

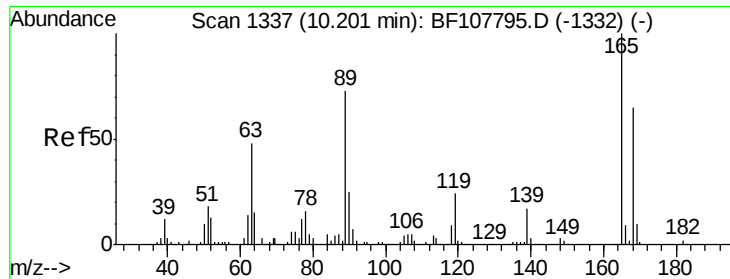


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

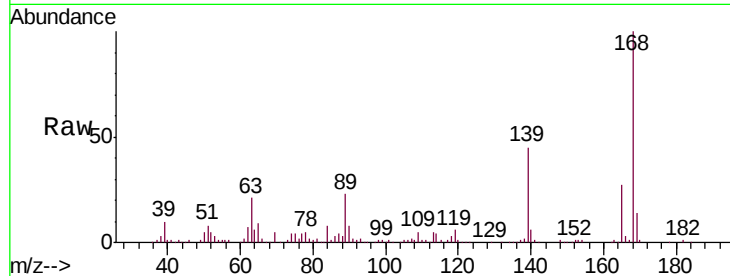




#56
2,4-Dinitrotoluene
Concen: 26.495 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion	Resp	Lower	Upper
165	100		
63	76.7	36.4	54.6#
89	82.5	57.8	86.6
182	2.2	1.6	2.4



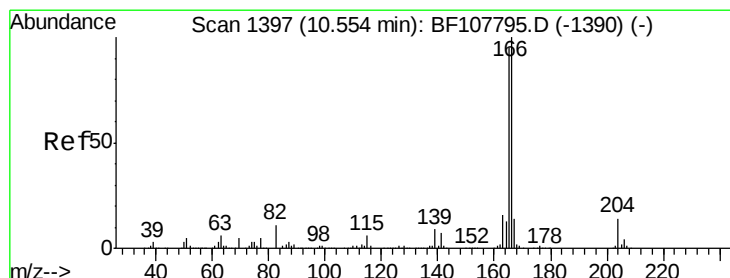
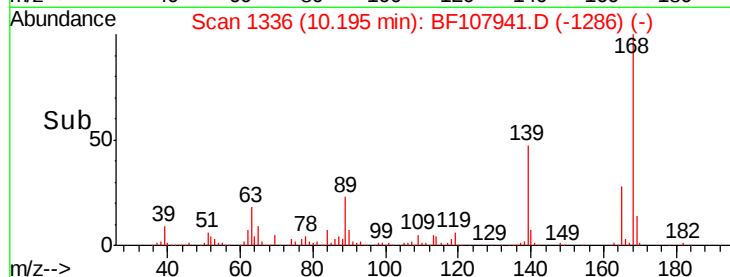
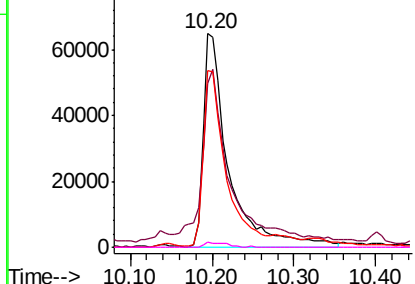
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

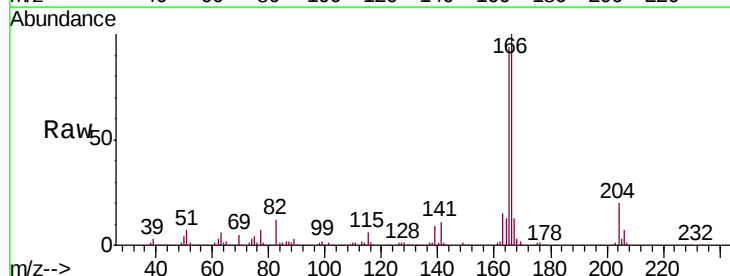
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 28.403 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Resp	Lower	Upper
166	100		
165	93.7	79.8	119.8
167	13.3	10.6	16.0

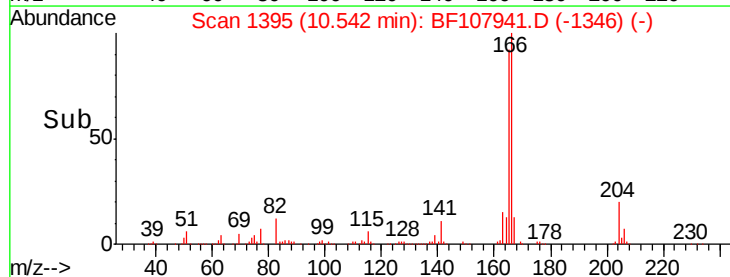
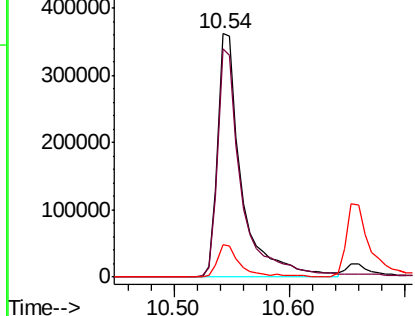


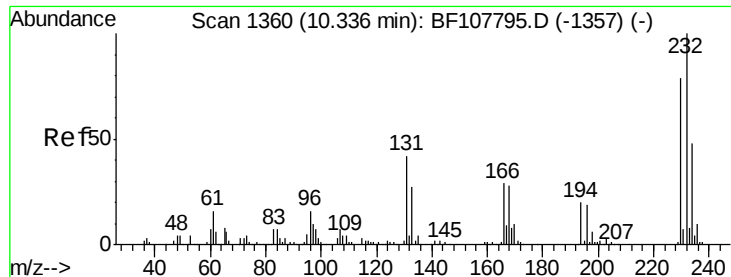
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

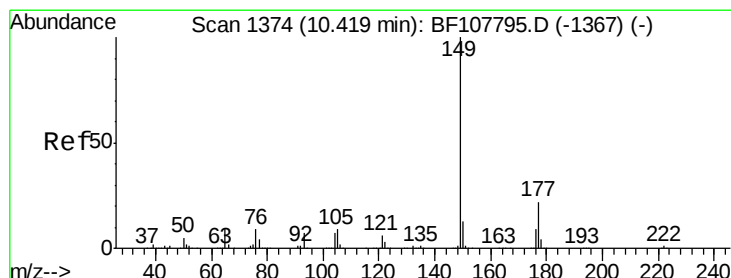
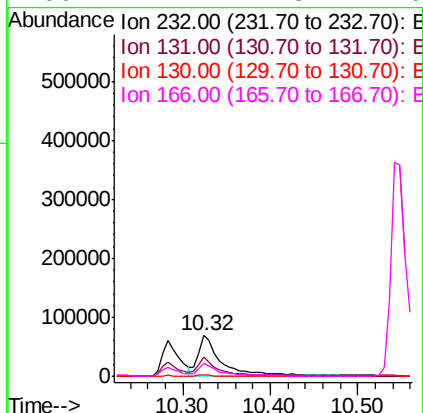
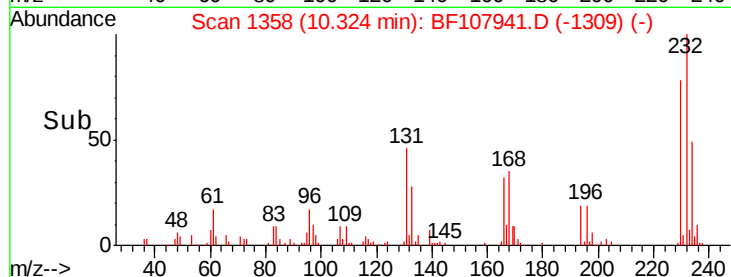
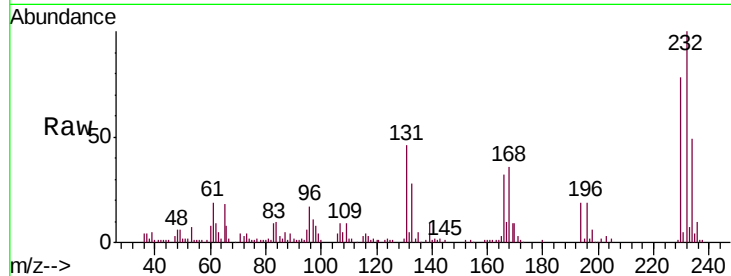




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.096 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

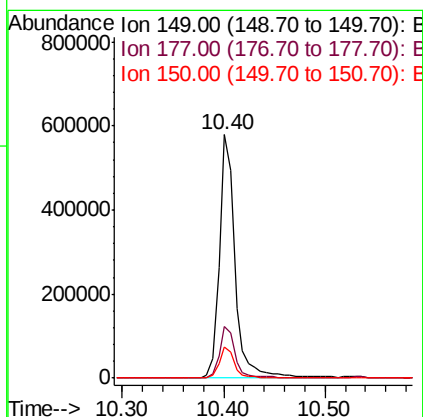
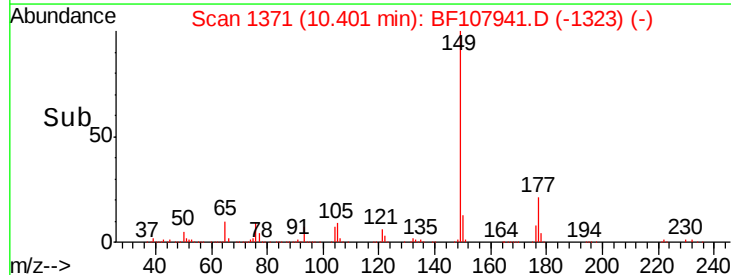
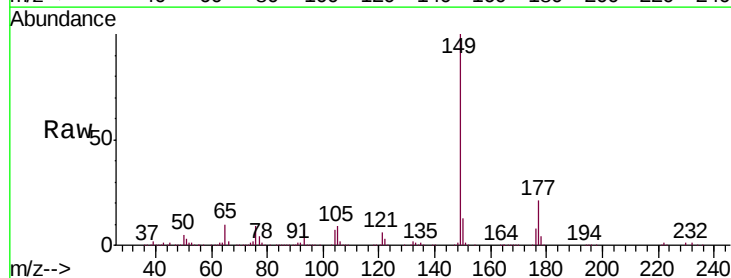
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

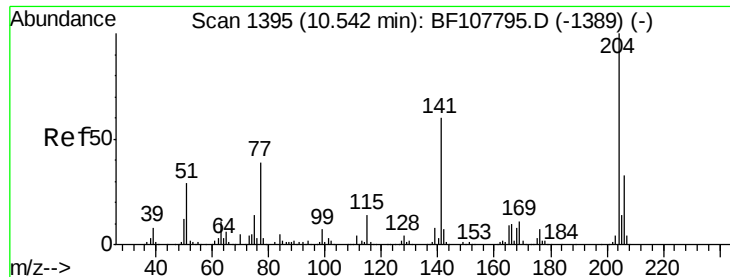
Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.3	43.8	65.8#
130	2.0	2.1	3.1#
166	24.2	27.8	41.6#



#59
 Diethylphthalate
 Concen: 31.470 ng
 RT: 10.40 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.7	10.1	15.1

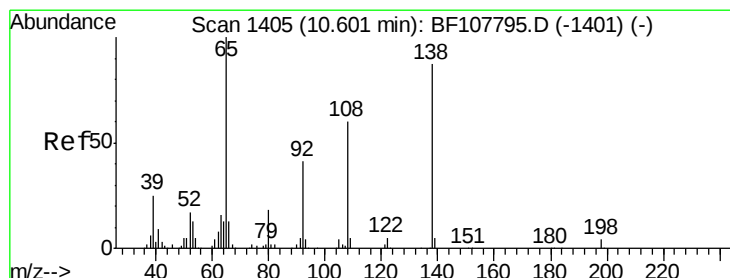
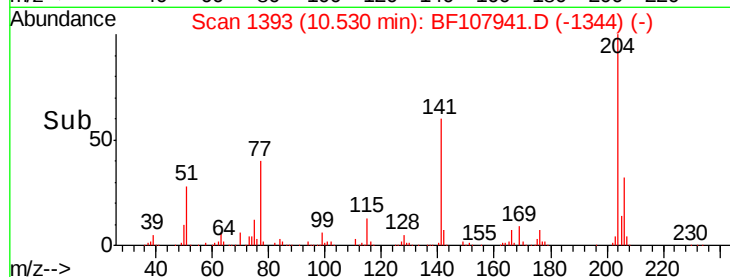
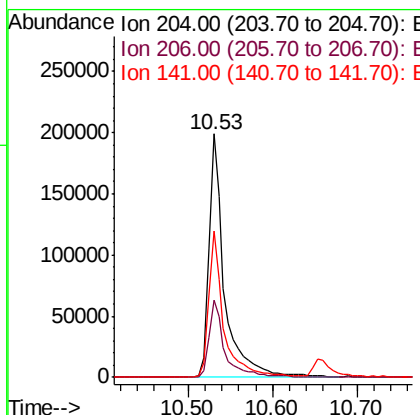
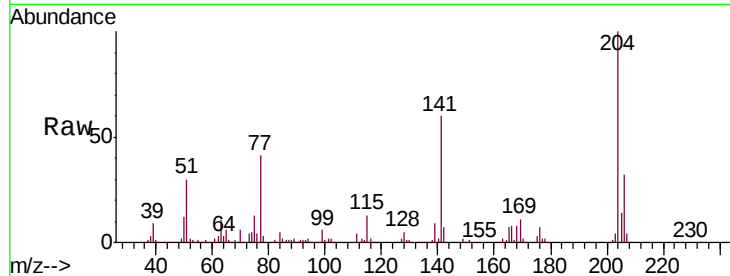




#60
 4-Chlorophenyl-phenylether
 Concen: 25.817 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

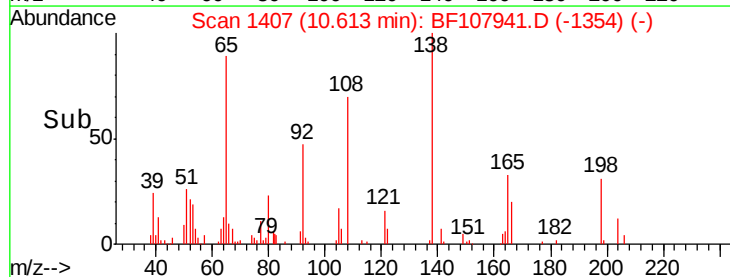
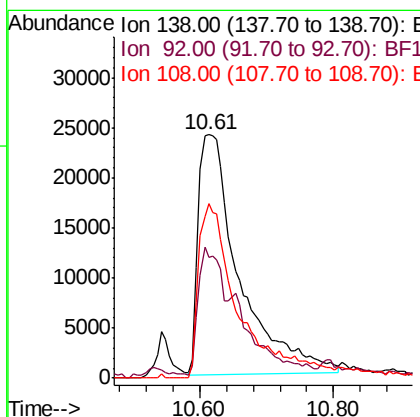
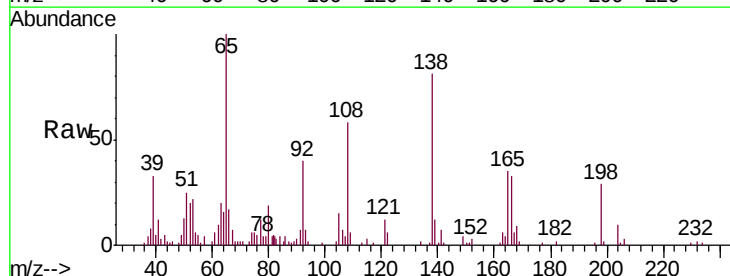
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

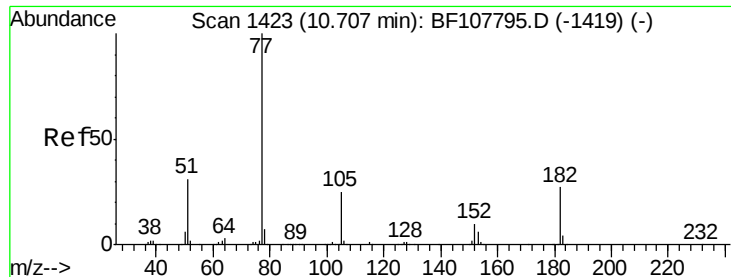
Tgt Ion: 204 Resp: 257452
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.5 39.7
 141 60.0 54.6 81.8



#61
 4-Nitroaniline
 Concen: 22.492 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion: 138 Resp: 101220
 Ion Ratio Lower Upper
 138 100
 92 49.4 30.2 70.2
 108 71.8 52.5 92.5

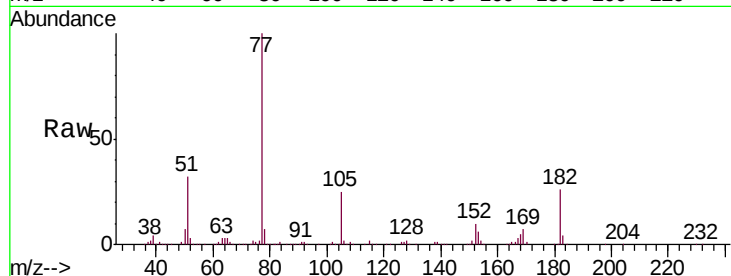




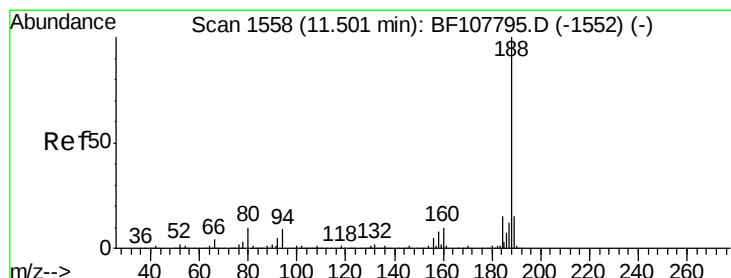
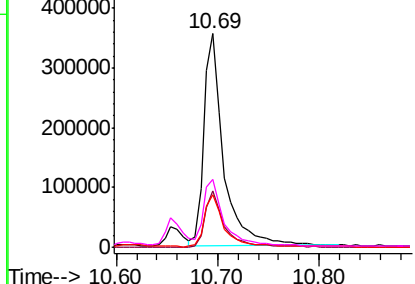
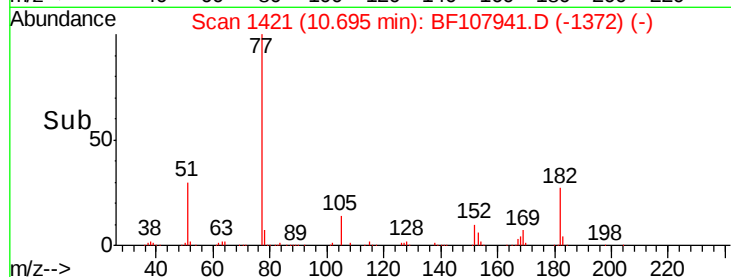
#62
Azobenzene
Concen: 25.747 ng
RT: 10.69 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion: 77 Resp: 477426
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 24.6 3.0 43.0
51 31.9 9.9 49.9

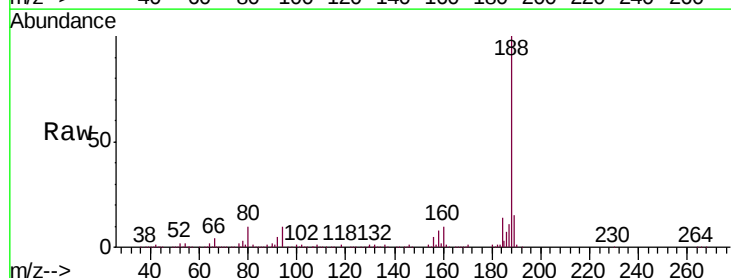


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

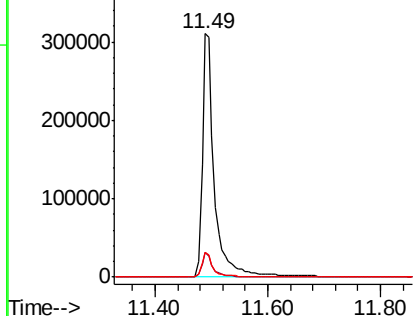
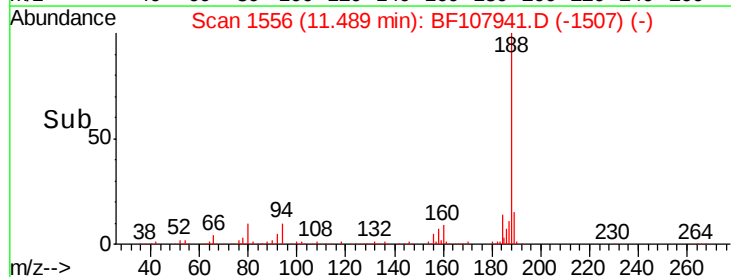


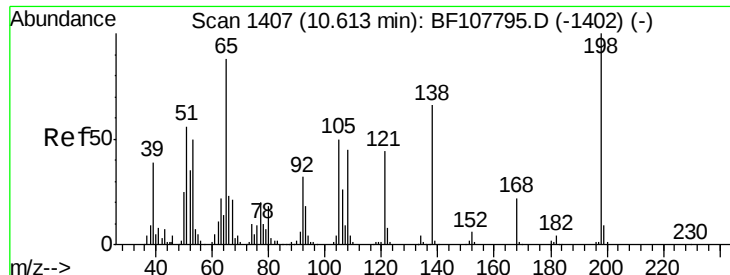
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion: 188 Resp: 463514
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.0 9.2 13.8



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

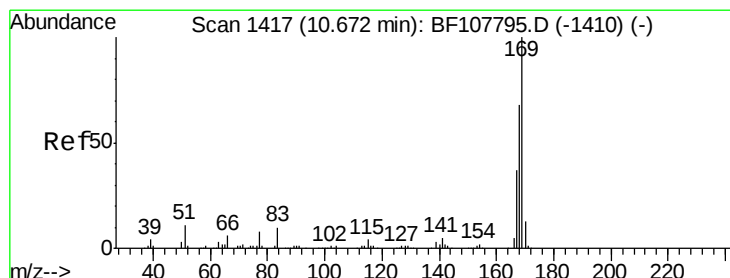
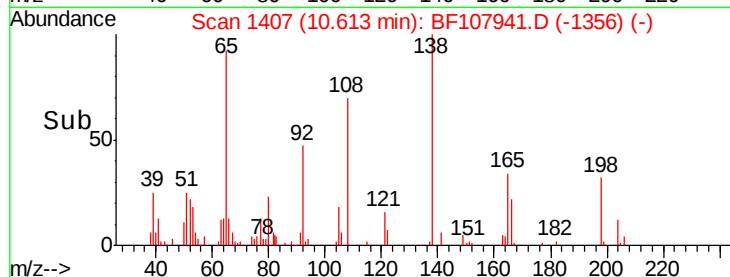
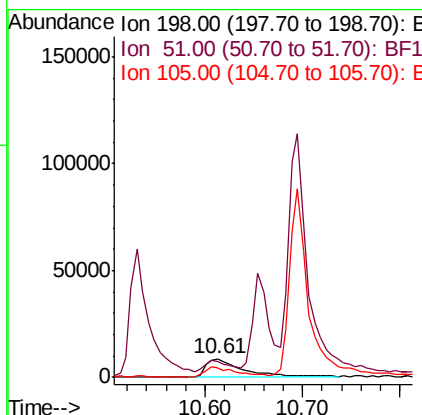
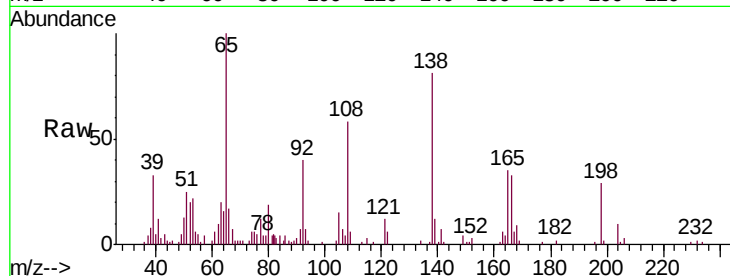




#64
4,6-Dinitro-2-methylphenol
Concen: 9.483 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

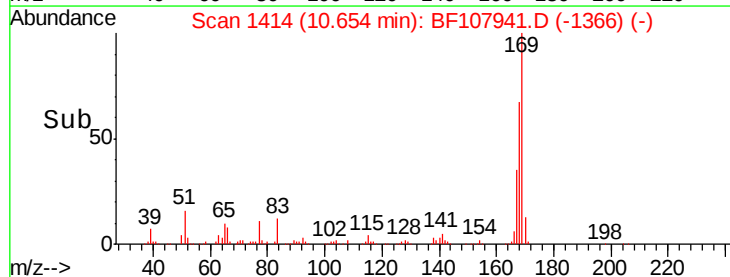
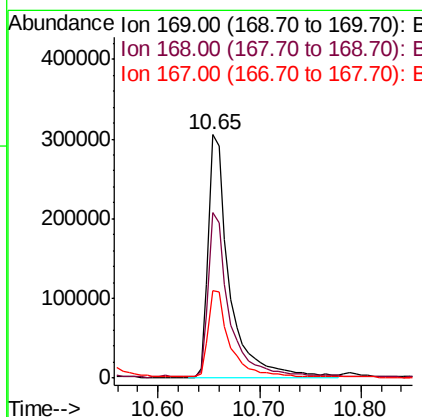
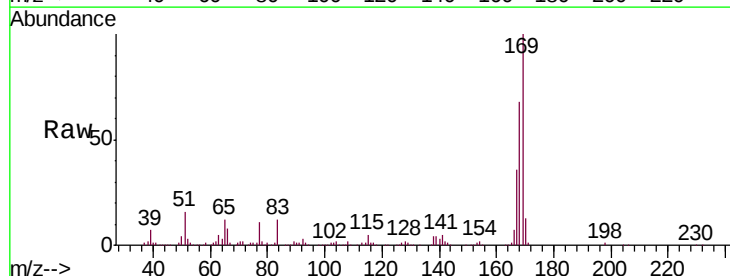
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

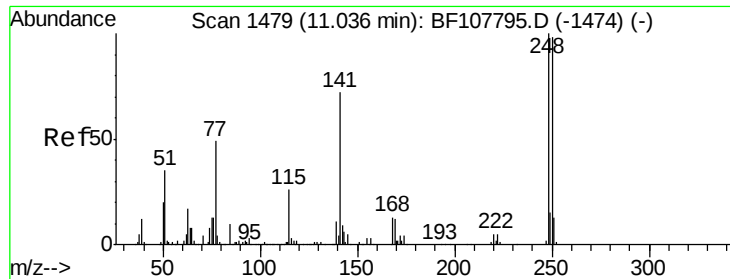
Tgt Ion:198 Resp: 23913
Ion Ratio Lower Upper
198 100
51 87.8 37.7 77.7#
105 52.9 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 29.340 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:169 Resp: 447791
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 35.7 29.8 44.6

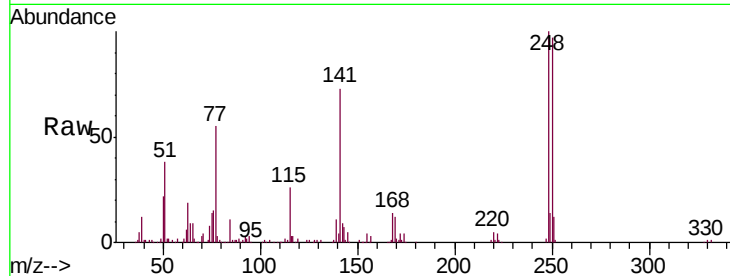




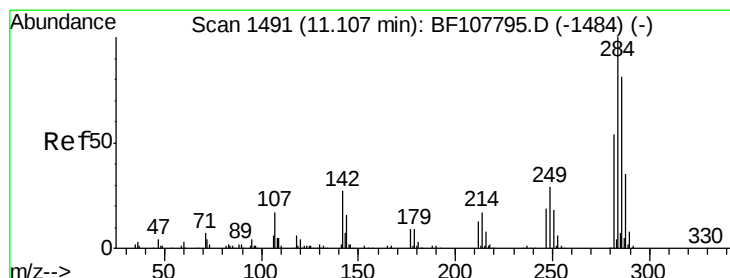
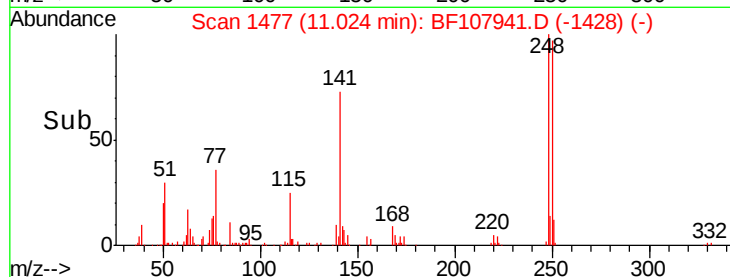
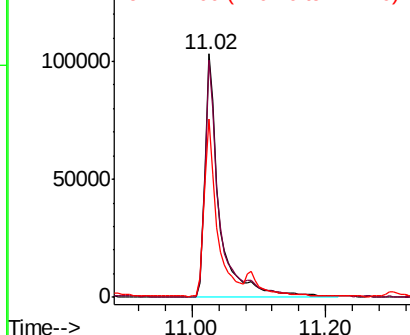
#66
 4-Bromophenyl-phenylether
 Concen: 28.943 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	73.3	74.4	111.6#

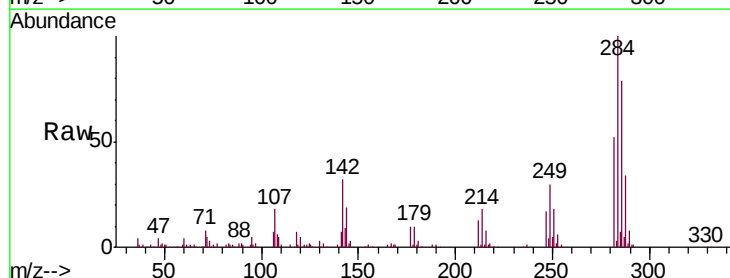


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

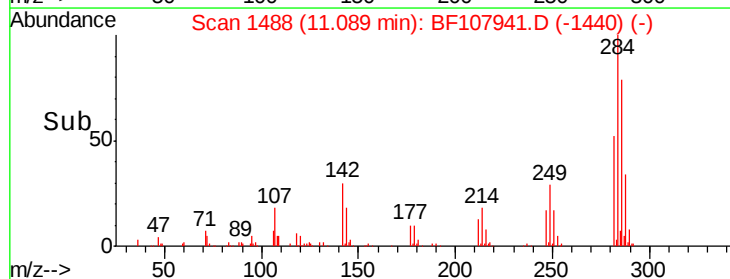
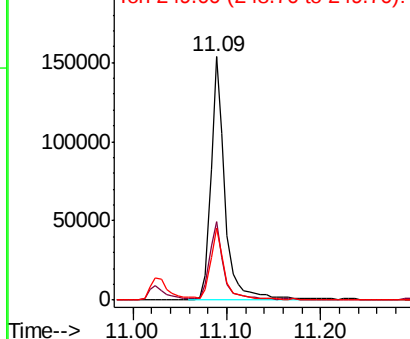


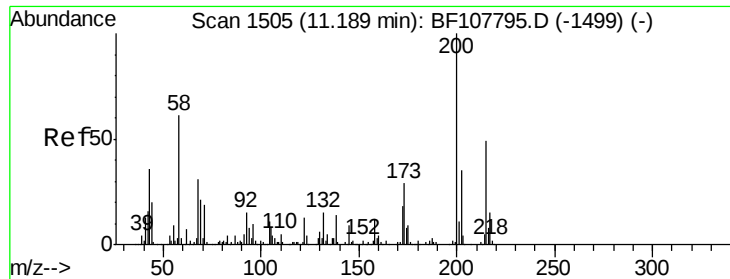
#67
 Hexachlorobenzene
 Concen: 27.331 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	34.6	52.0#
249	29.7	24.8	37.2



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

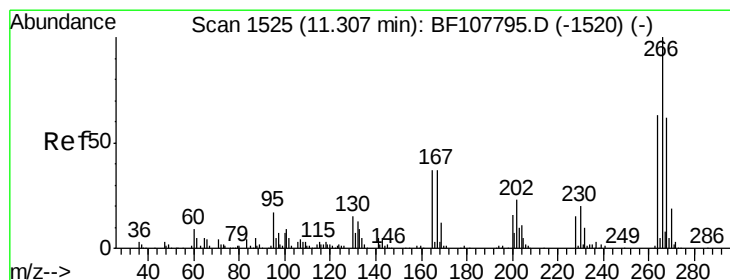
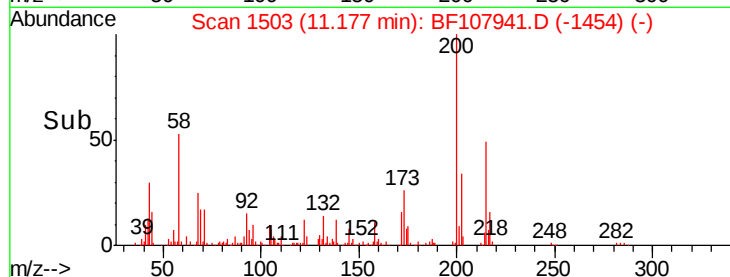
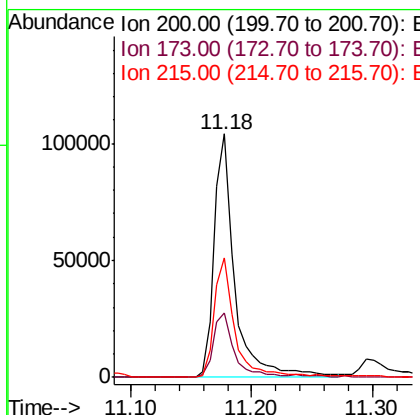
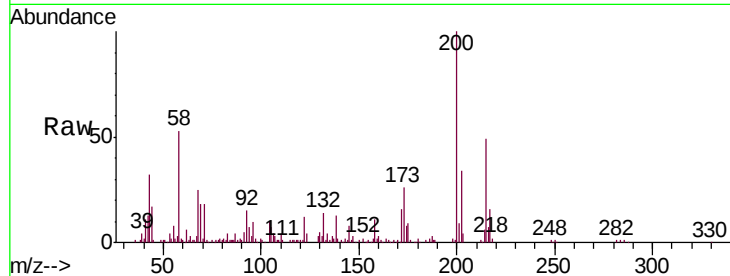




#68
Atrazine
Concen: 26.893 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

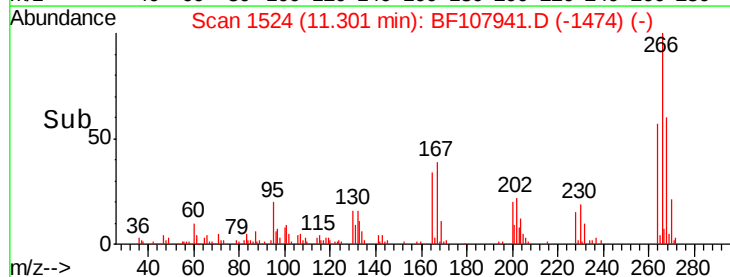
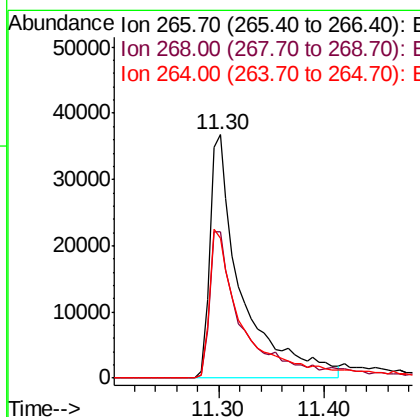
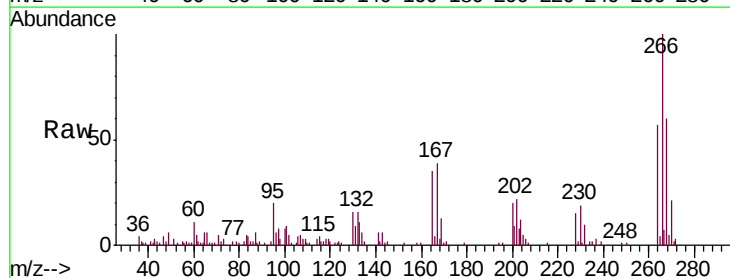
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

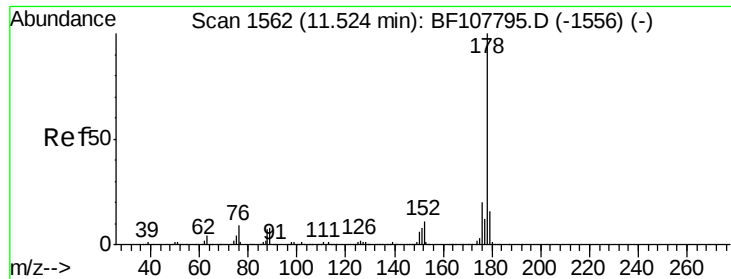
Tgt Ion:200 Resp: 121480
Ion Ratio Lower Upper
200 100
173 26.5 8.6 48.6
215 49.1 25.1 65.1



#69
Pentachlorophenol
Concen: 26.125 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:266 Resp: 77046
Ion Ratio Lower Upper
266 100
268 60.4 51.1 76.7
264 57.5 49.5 74.3

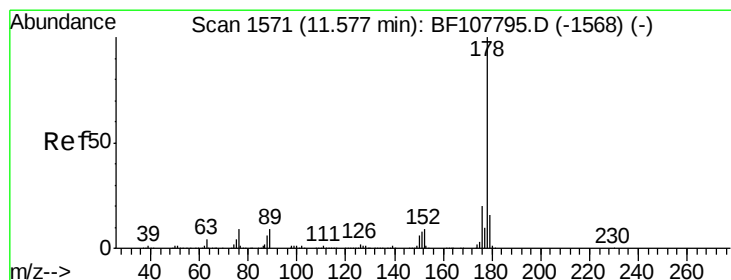
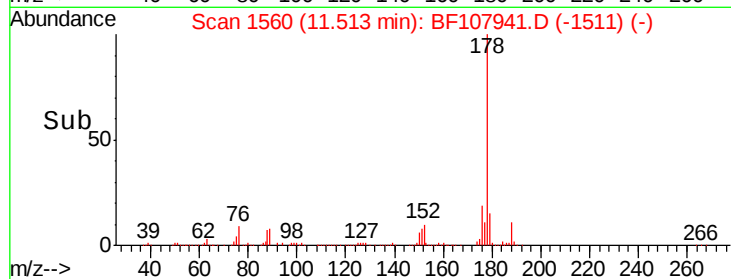
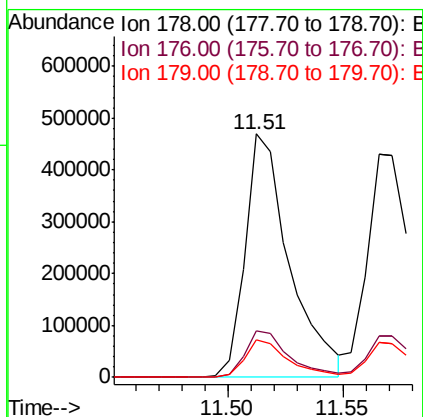
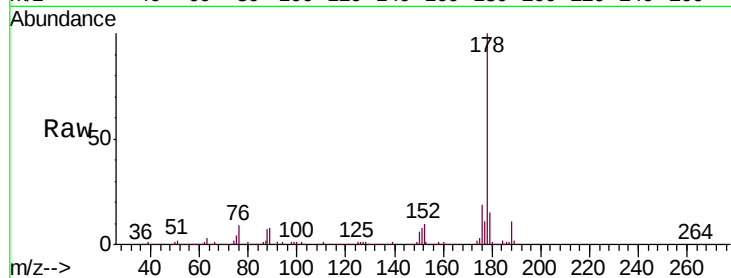




#70
Phenanthrene
Concen: 28.529 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

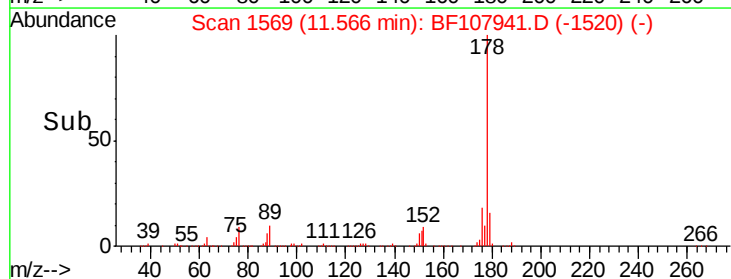
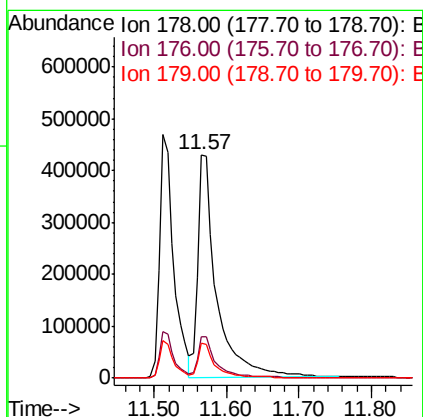
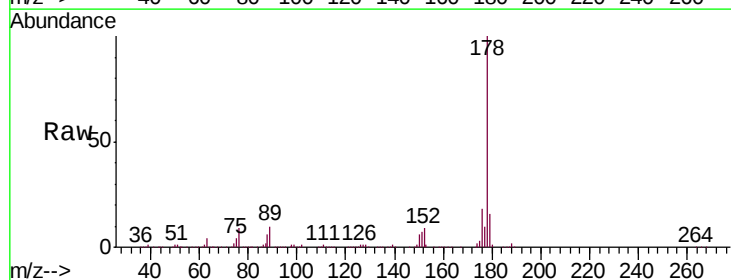
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

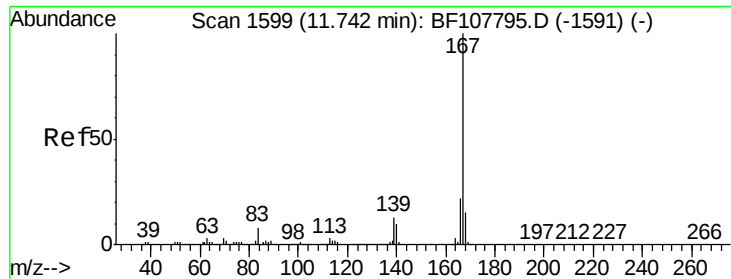
Tgt Ion:178 Resp: 627896
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 30.518 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:178 Resp: 774722
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.7 12.6 19.0

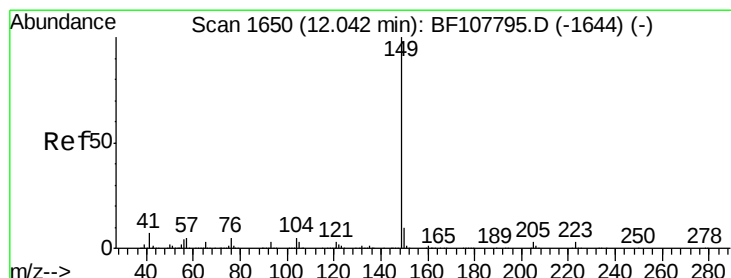
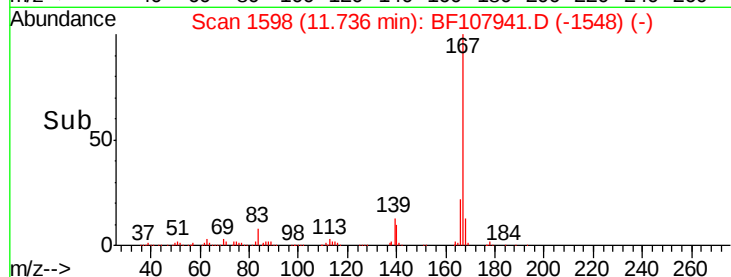
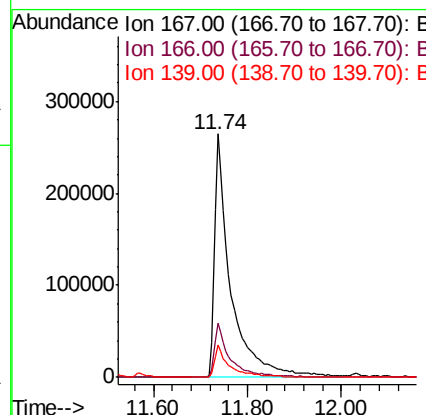
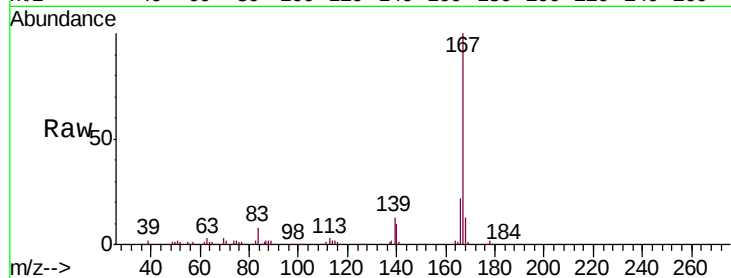




#72
 Carbazole
 Concen: 25.575 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

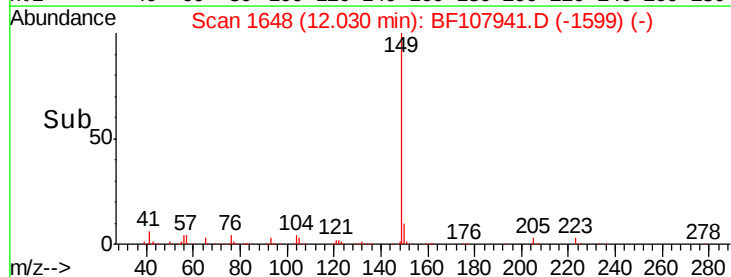
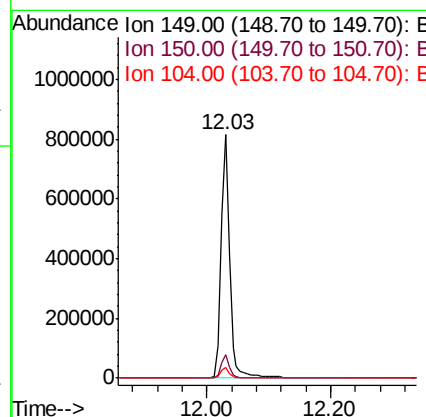
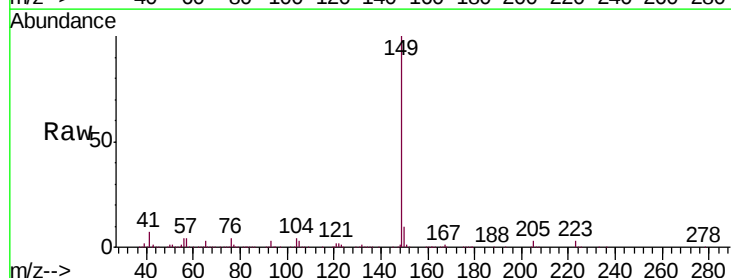
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

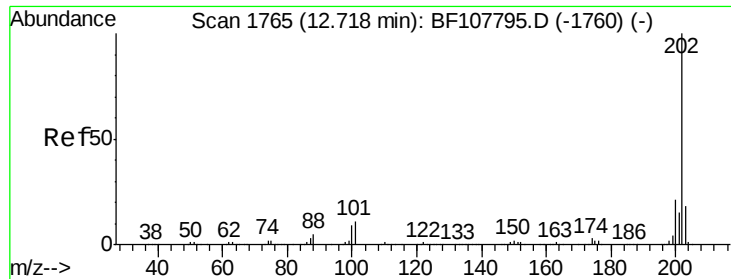
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.2	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 27.997 ng
 RT: 12.03 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.5	3.8	5.8

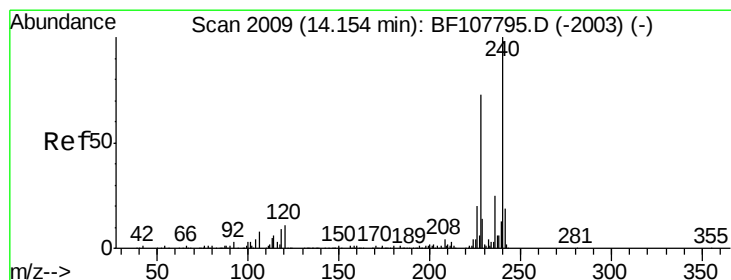
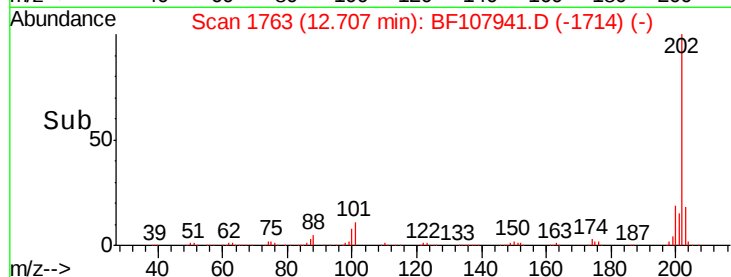
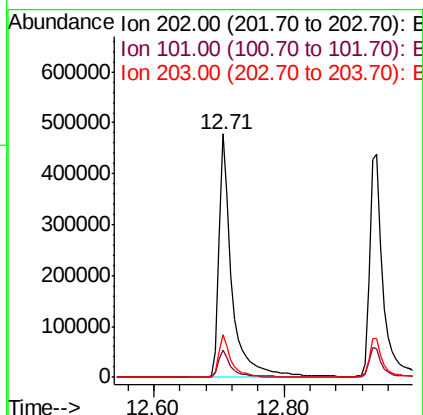
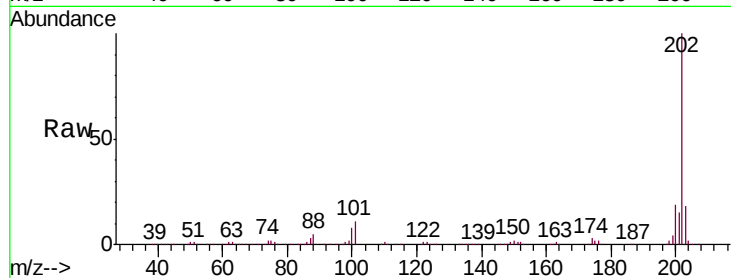




#74
 Fluoranthene
 Concen: 25.662 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

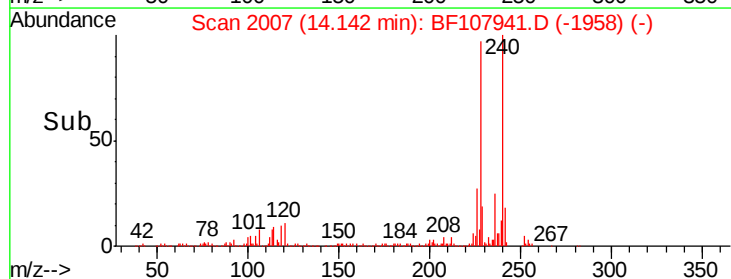
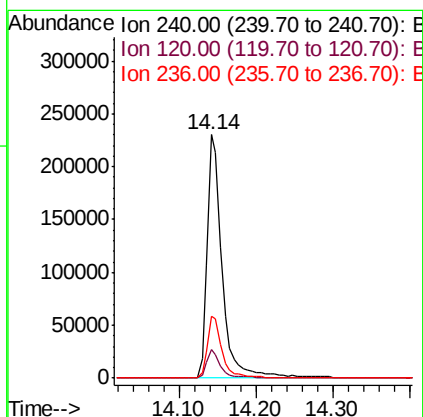
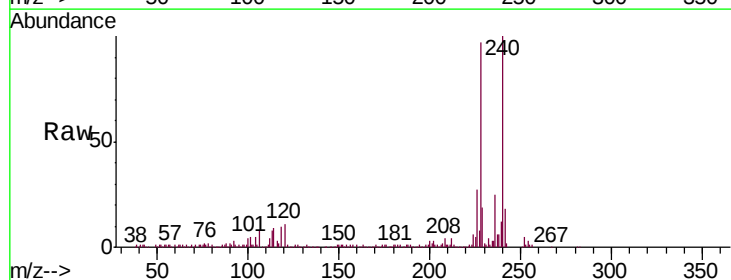
Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2MSD

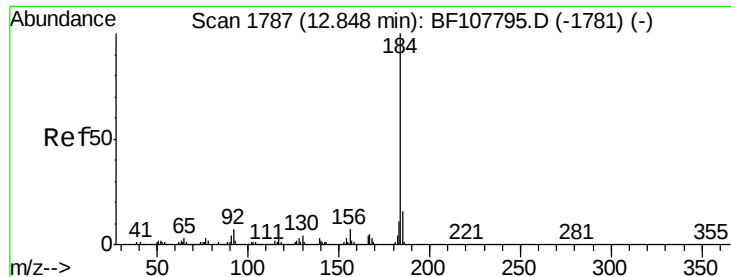
Tgt Ion: 202 Resp: 663528
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 34.1
 203 17.8 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107941.D
 Acq: 3 Aug 2018 16:50

Tgt Ion: 240 Resp: 309250
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 25.3 20.7 31.1

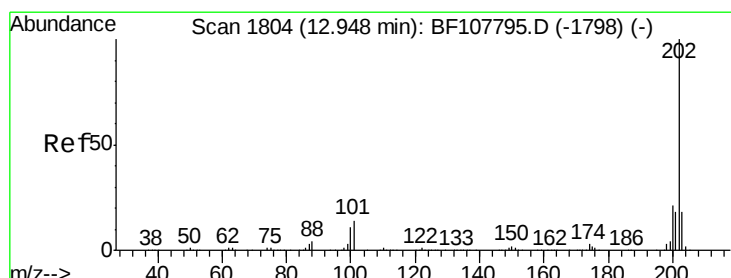
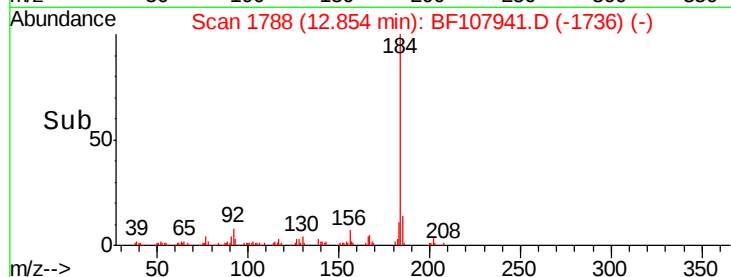
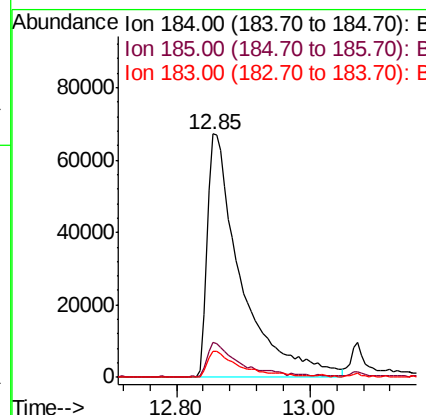
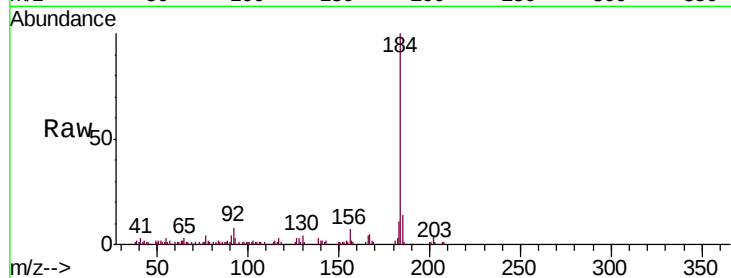




#76
Benzidine
Concen: 23.635 ng
RT: 12.85 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

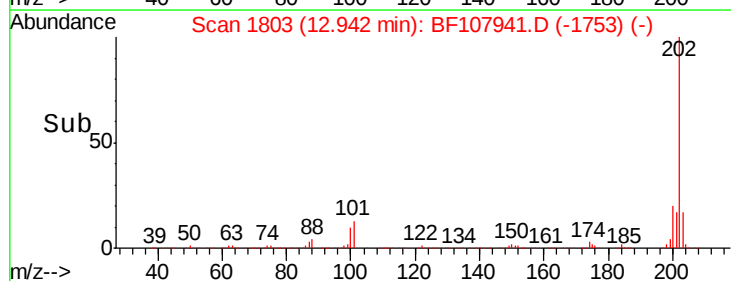
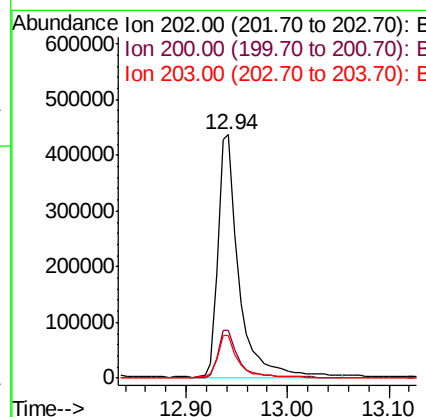
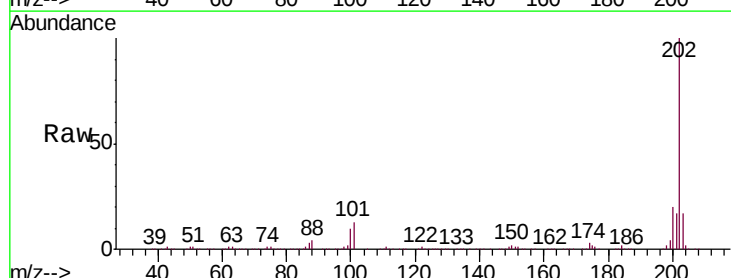
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

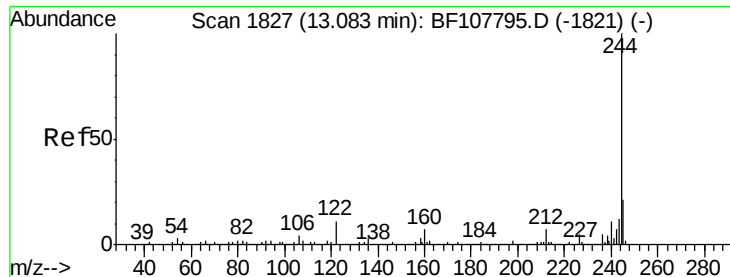
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.5	9.3	13.9



#77
Pyrene
Concen: 27.878 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	17.3	14.3	21.5





#78

Terphenyl-d14

Concen: 59.467 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

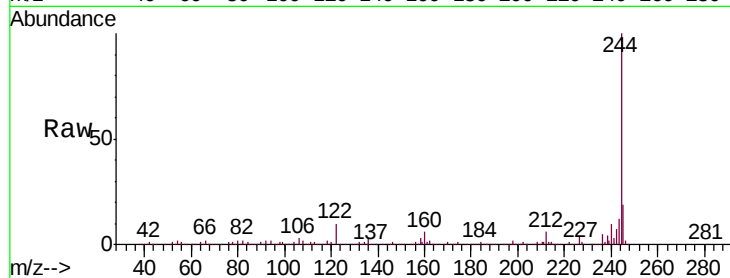
Tgt Ion:244 Resp: 848083

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

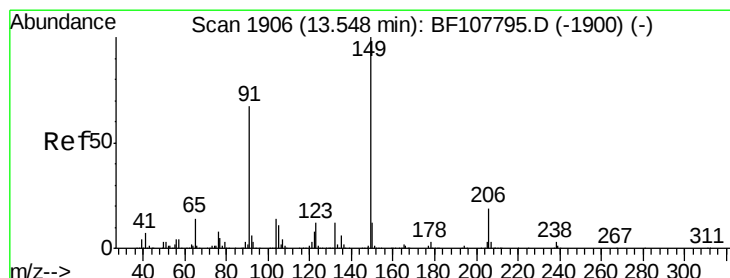
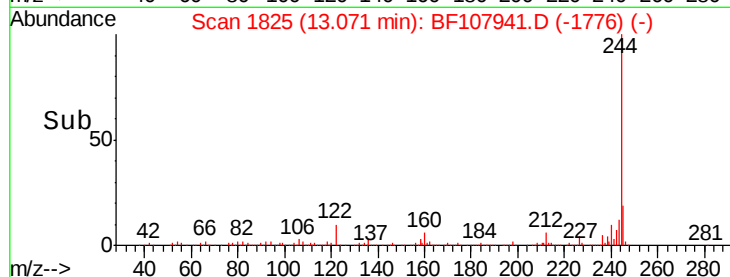
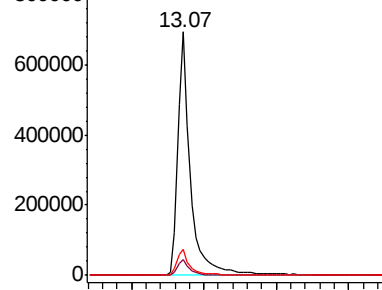
122 10.4 11.0 16.4#



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: 25.781 ng

RT: 13.54 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

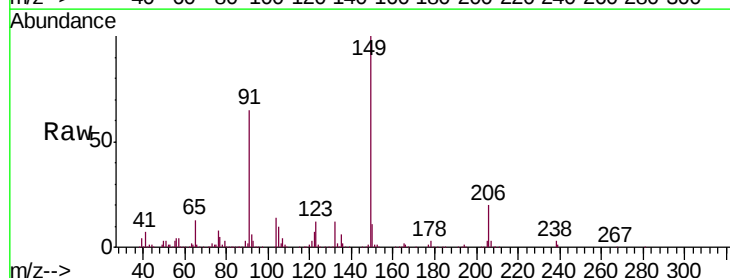
Tgt Ion:149 Resp: 251405

Ion Ratio Lower Upper

149 100

91 65.1 56.8 85.2

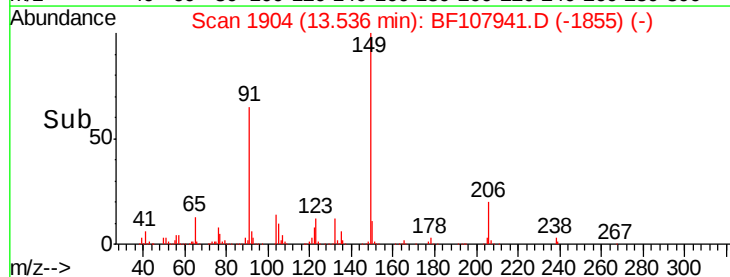
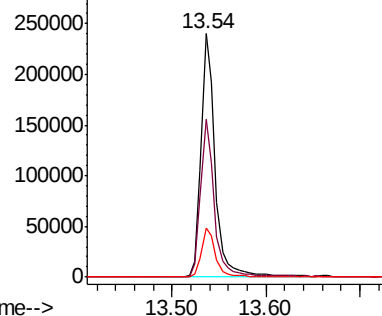
206 20.4 14.1 21.1

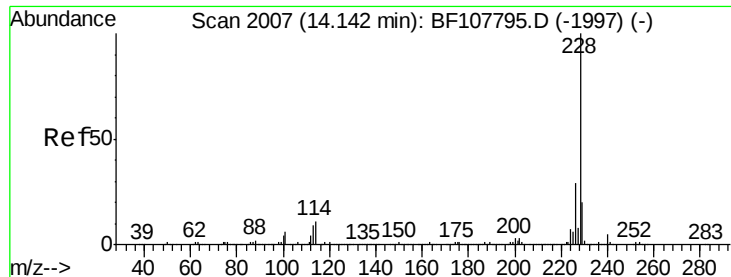


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 27.405 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

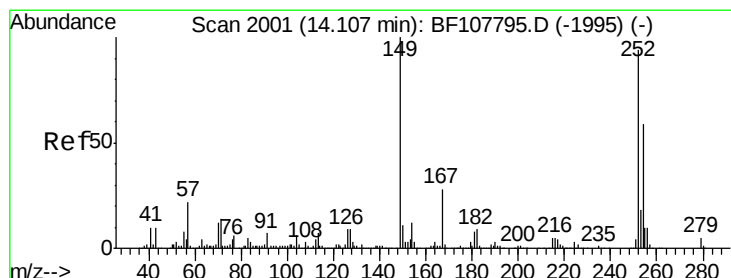
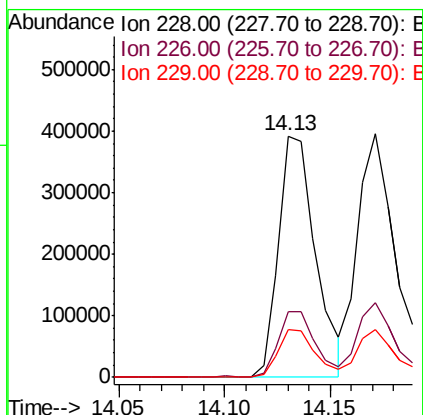
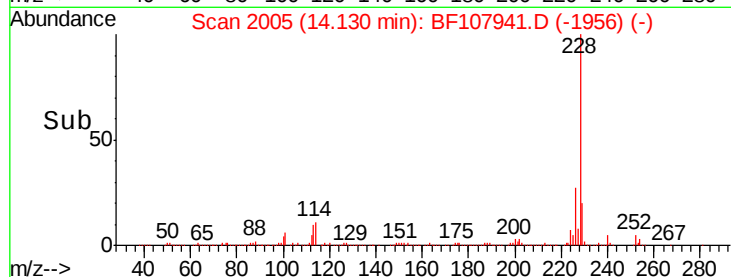
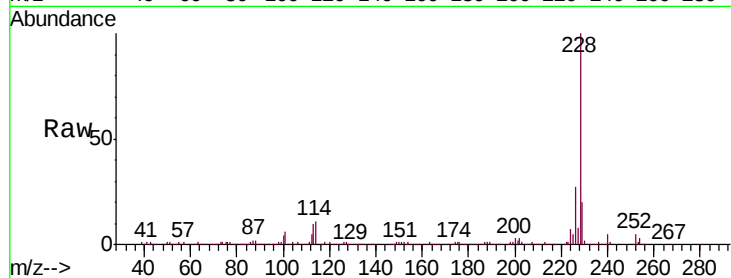
Tgt Ion:228 Resp: 480081

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 19.7 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 24.907 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

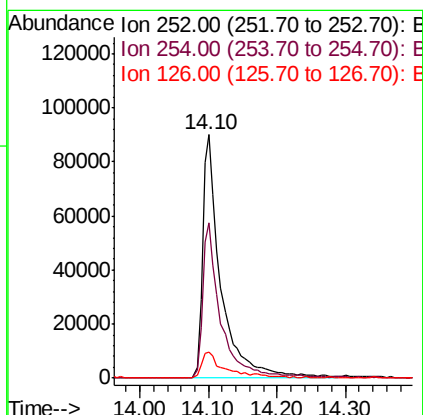
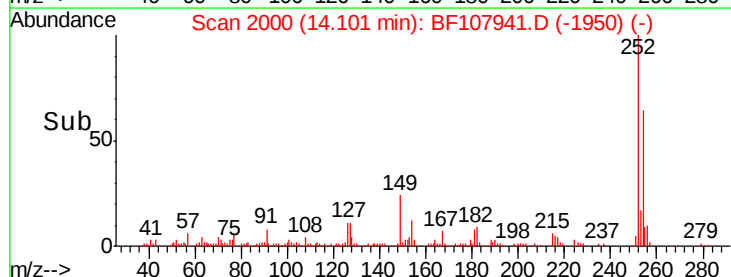
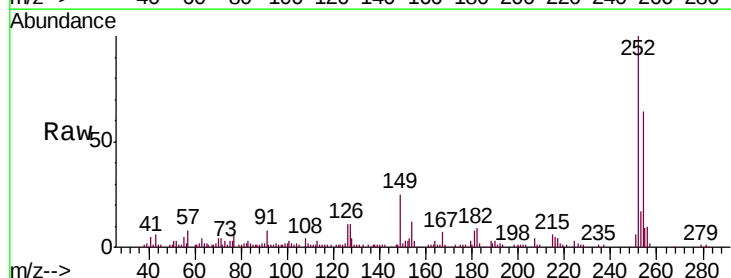
Tgt Ion:252 Resp: 169139

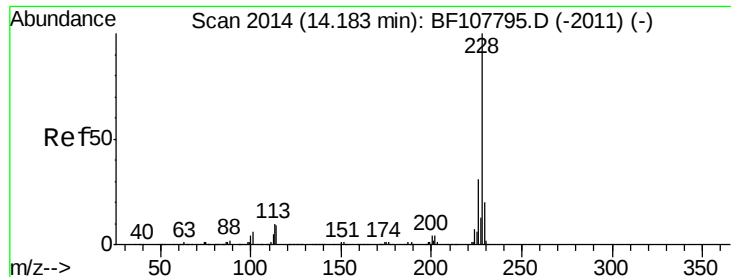
Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

126 10.5 11.3 16.9#





#82

Chrysene

Concen: 29.753 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

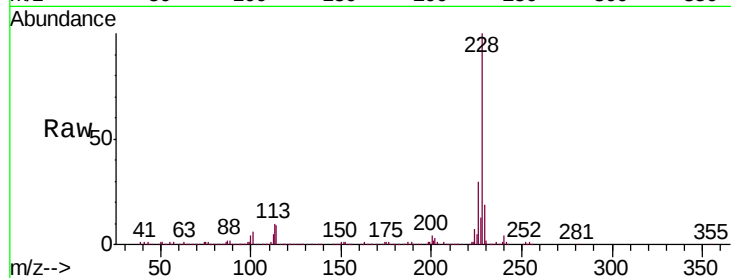
Tgt Ion:228 Resp: 562168

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

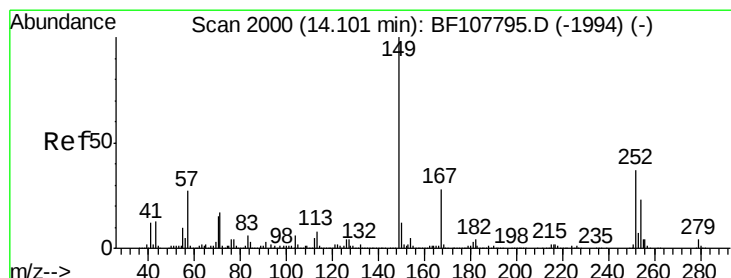
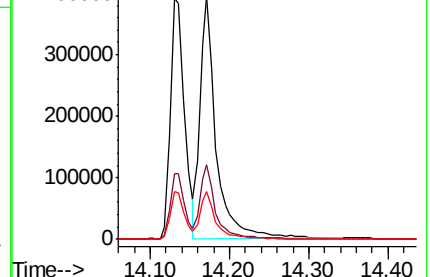
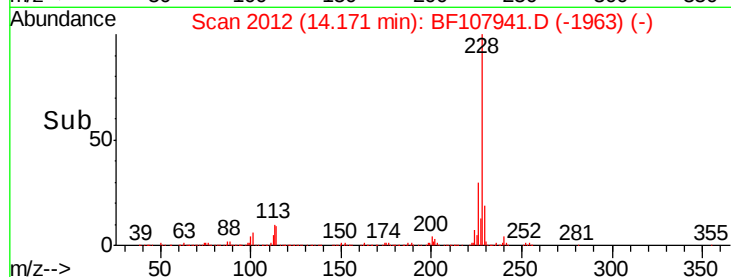
229 19.4 16.2 24.4



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: 26.900 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

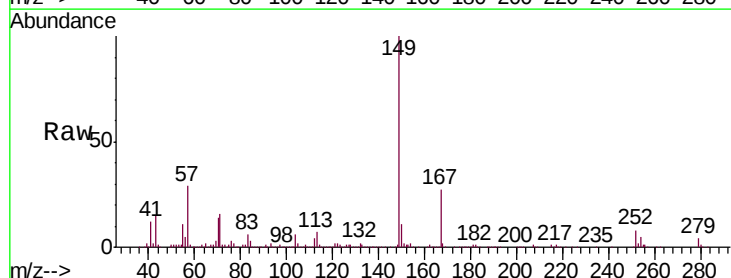
Tgt Ion:149 Resp: 329771

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

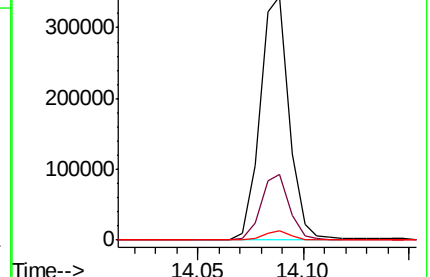
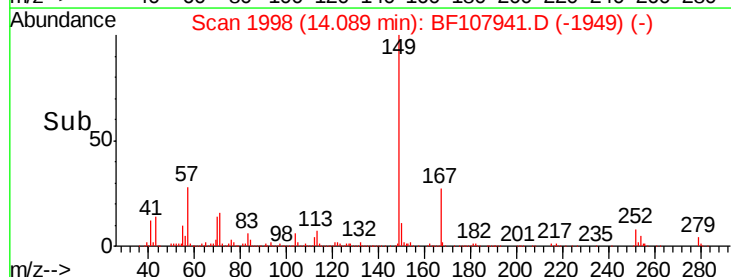
279 3.9 3.0 4.4

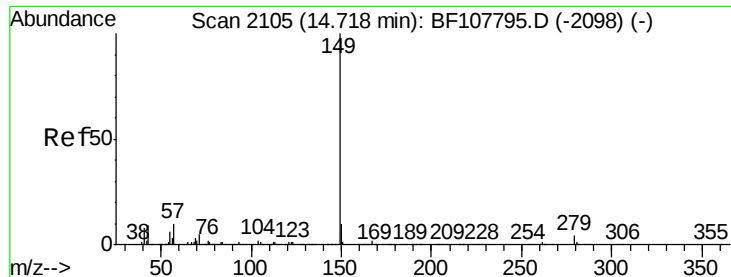


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 29.872 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

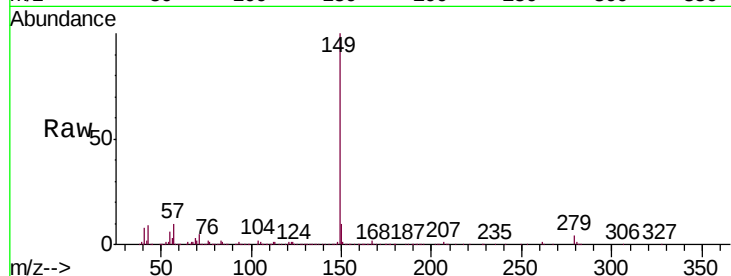
Tgt Ion:149 Resp: 587804

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

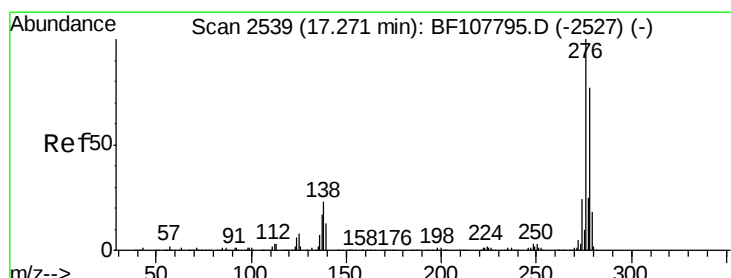
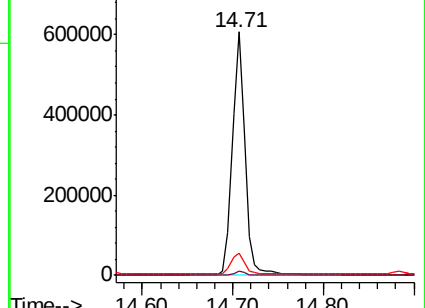
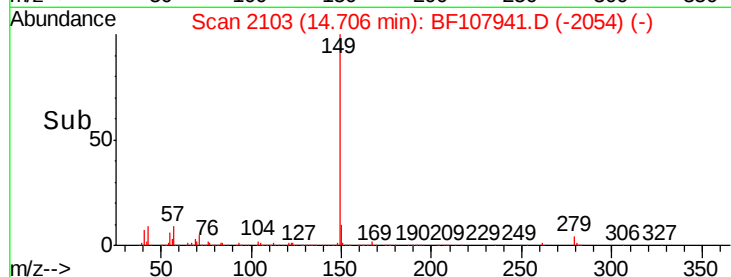
43 9.2 8.4 12.6



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: 45.020 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

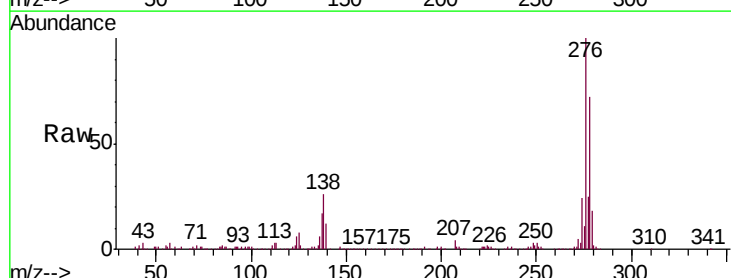
Tgt Ion:276 Resp: 647026

Ion Ratio Lower Upper

276 100

138 25.4 25.0 37.6

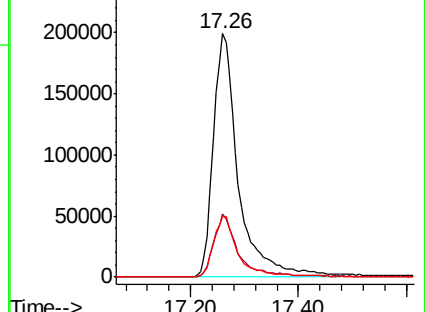
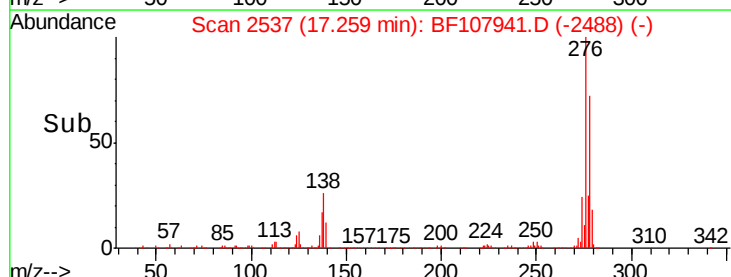
277 24.3 20.1 30.1

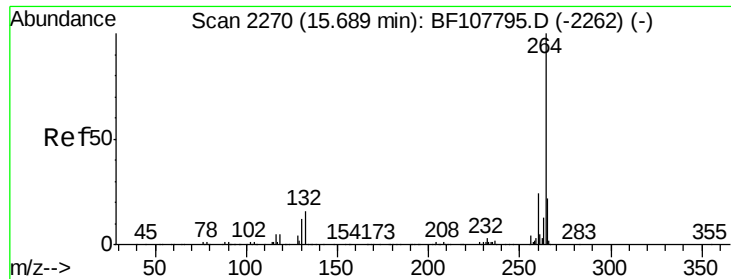


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



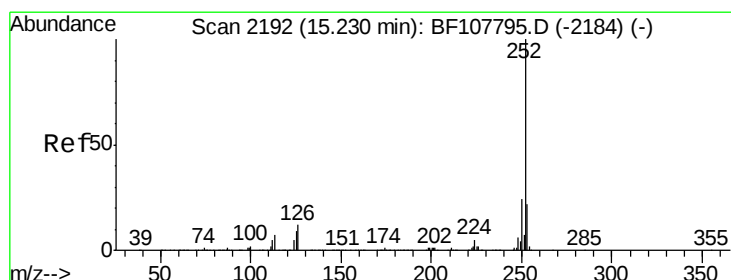
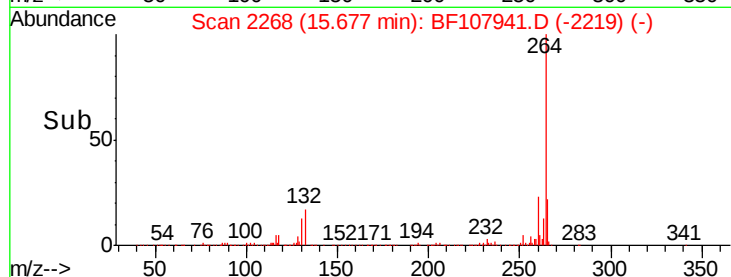
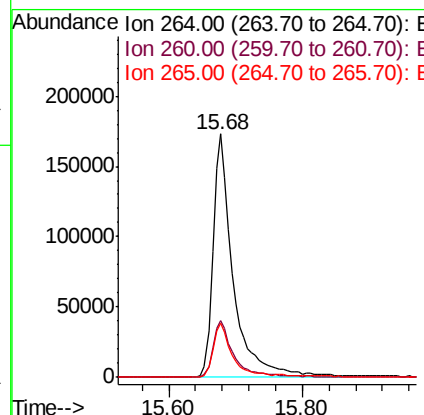
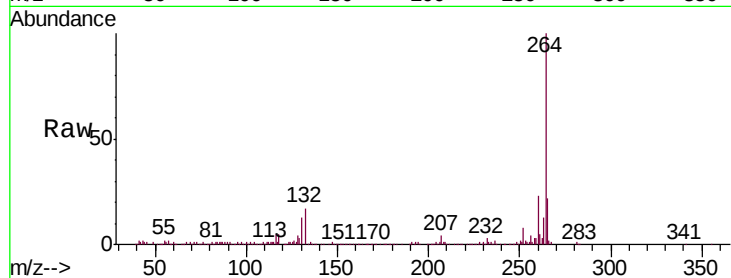


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

Tgt Ion:264 Resp: 366059

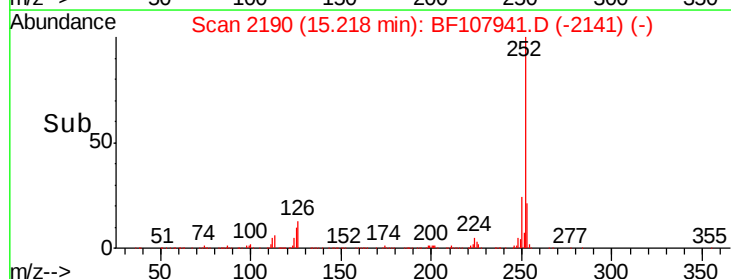
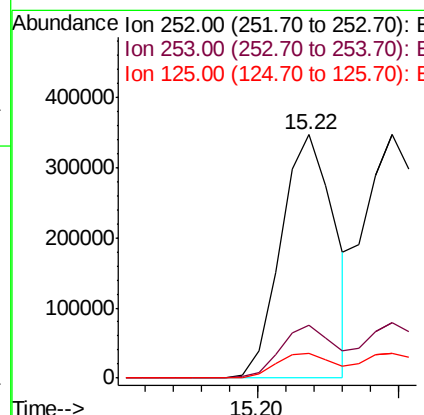
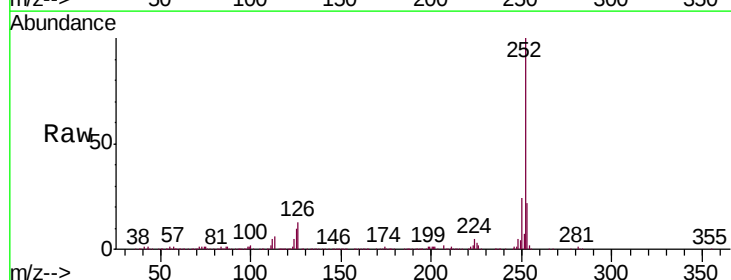
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3

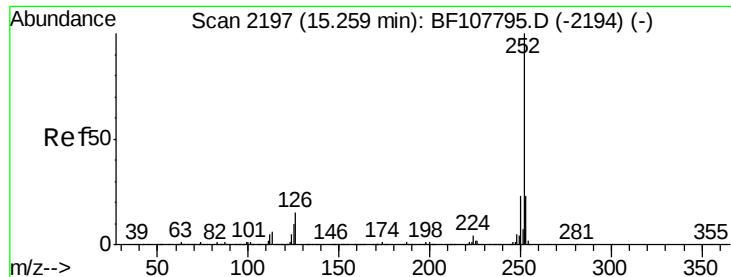


#87
Benzo(b)fluoranthene
Concen: 25.298 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion:252 Resp: 456723

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.0	9.0	13.6

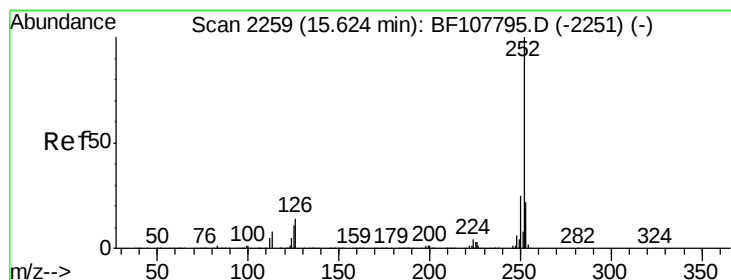
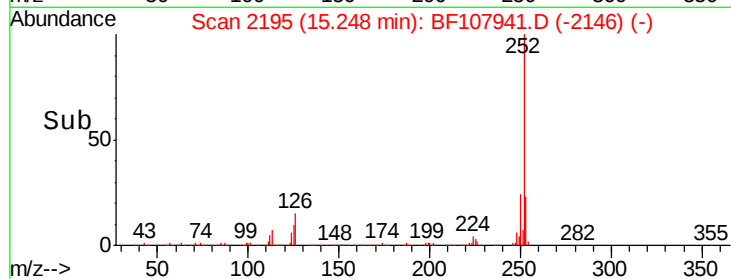
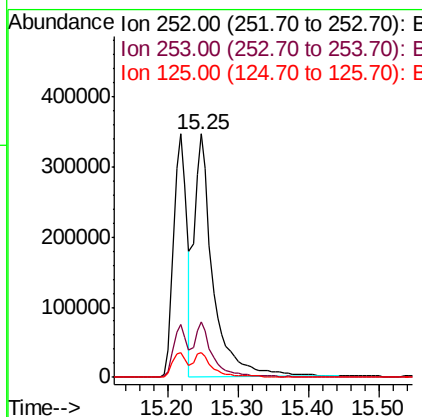
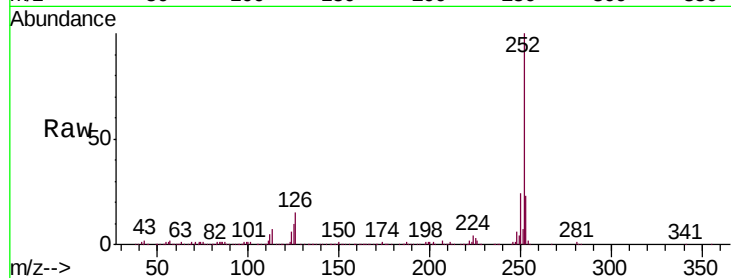




#88
Benzo(k)fluoranthene
Concen: 29.145 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

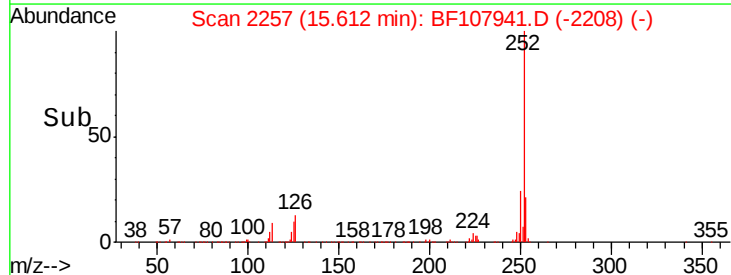
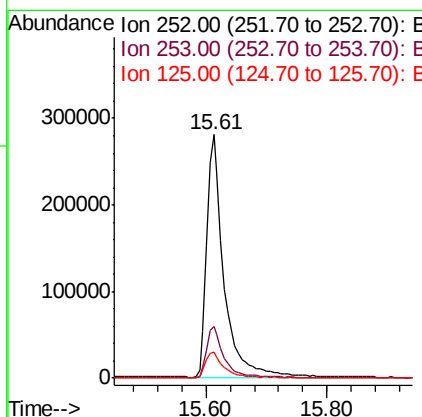
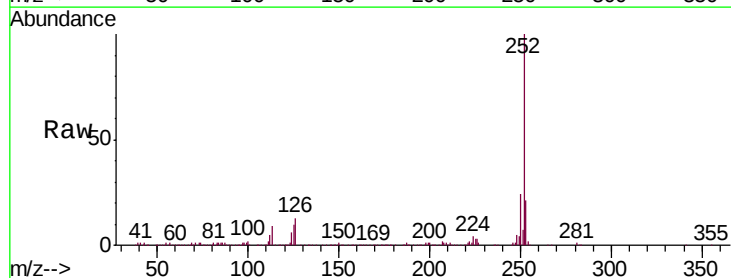
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MSD

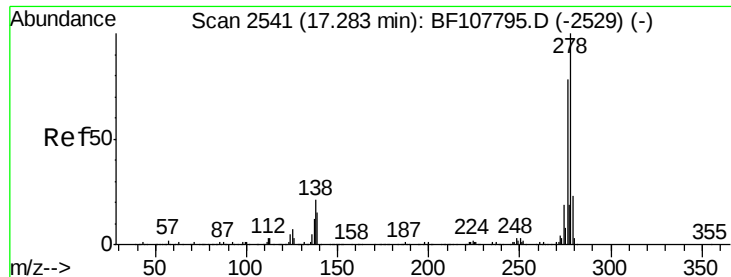
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 29.838 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107941.D
Acq: 3 Aug 2018 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	10.5	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 33.395 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2MSD

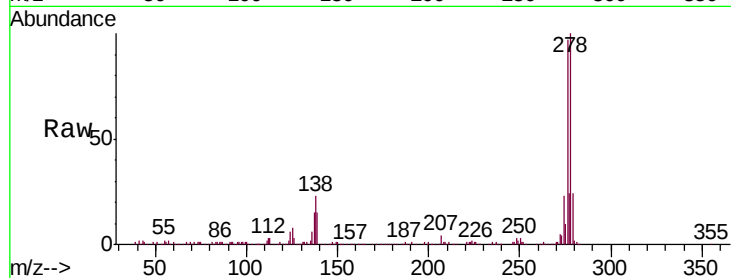
Tgt Ion:278 Resp: 542930

Ion Ratio Lower Upper

278 100

139 14.9 15.9 23.9#

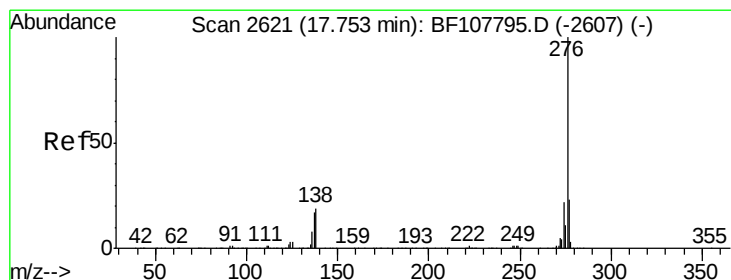
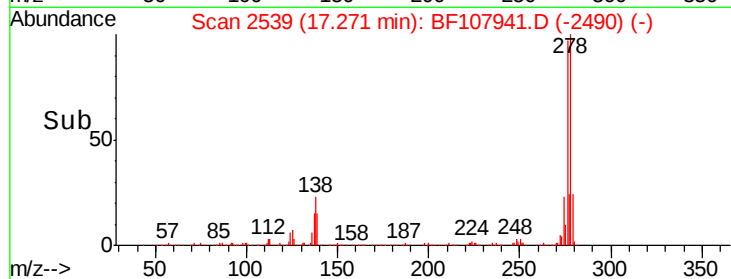
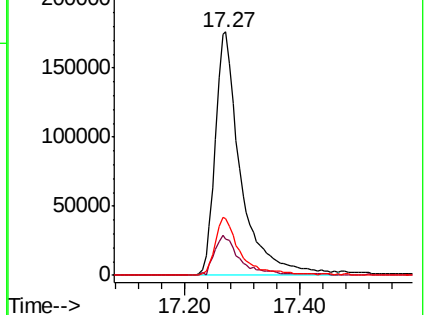
279 23.5 19.0 28.4



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: 32.271 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107941.D

Acq: 3 Aug 2018 16:50

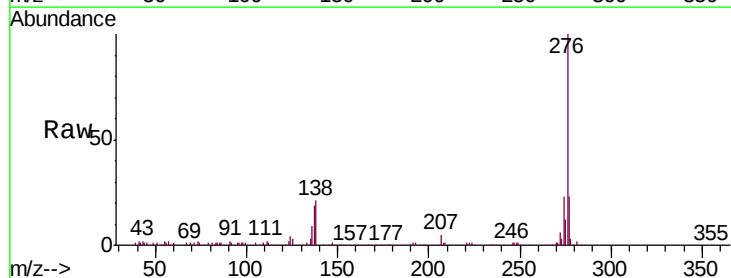
Tgt Ion:276 Resp: 507657

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 21.1 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

