

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107175.D
 Acq On : 6 Jul 2018 16:20
 Operator : JU/SJ
 Sample : J3858-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Manual Integrations
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Sohil
 7/9/2018 1:58:17 PM

Quant Time: Jul 06 16:49:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62592	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	248248	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	126628	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	229936	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	163712	20.00	ng	-0.03
86) Perylene-d12	15.67	264	178139	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	363116	98.23	ng	0.00
7) Phenol-d6	6.60	99	457557	99.12	ng	-0.02
23) Nitrobenzene-d5	7.51	82	291535	65.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	142800	97.30	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	516881	65.75	ng	-0.02
78) Terphenyl-d14	13.07	244	487297	72.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	50144	26.386	ng	96
3) Pyridine	3.63	79	143124	27.770	ng	97
4) n-Nitrosodimethylamine	3.59	42	59840	27.337	ng	86
6) Aniline	6.61	93	82788	13.221	ng	# 29
8) 2-Chlorophenol	6.74	128	135375	33.391	ng	95
9) Benzaldehyde	6.50	77	61628	16.775	ng	98
10) Phenol	6.61	94	176274	33.461	ng	89
11) bis(2-Chloroethyl)ether	6.68	93	134686	30.969	ng	98
12) 1,3-Dichlorobenzene	6.88	146	157123	33.089	ng	98
13) 1,4-Dichlorobenzene	6.96	146	159171	33.156	ng	98
14) 1,2-Dichlorobenzene	7.11	146	148261	33.698	ng	99
15) Benzyl Alcohol	7.09	79	116145	31.335	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	188144	32.972	ng	# 25
17) 2-Methylphenol	7.21	107	117196	33.778	ng	# 89
18) Hexachloroethane	7.45	117	51924	30.757	ng	# 82
19) n-Nitroso-di-n-propylamine	7.35	70	94372	31.015	ng	94
20) 3+4-Methylphenols	7.37	107	154905	40.124	ng	98
22) Acetophenone	7.35	105	189837	34.181	ng	# 99
24) Nitrobenzene	7.53	77	147300	32.298	ng	99
25) Isophorone	7.77	82	266228	33.822	ng	98
26) 2-Nitrophenol	7.85	139	75635	35.131	ng	96
27) 2,4-Dimethylphenol	7.88	122	125228	37.632	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	170817	32.320	ng	98
29) 2,4-Dichlorophenol	8.10	162	126125	36.203	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	137422	35.807	ng	97
31) Naphthalene	8.25	128	401381	34.583	ng	99
32) Benzoic acid	7.98	122	10598	9.587	ng	98
33) 4-Chloroaniline	8.30	127	38514	7.908	ng	98
34) Hexachlorobutadiene	8.35	225	87946	35.168	ng	98
35) Caprolactam	8.67	113	37442m	32.970	ng	
36) 4-Chloro-3-methylphenol	8.80	107	126380	34.464	ng	98
37) 2-Methylnaphthalene	8.94	142	291446	37.885	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	150937	35.394	ng	# 95
40) Hexachlorocyclopentadiene	9.08	237	26613	12.130	ng	99

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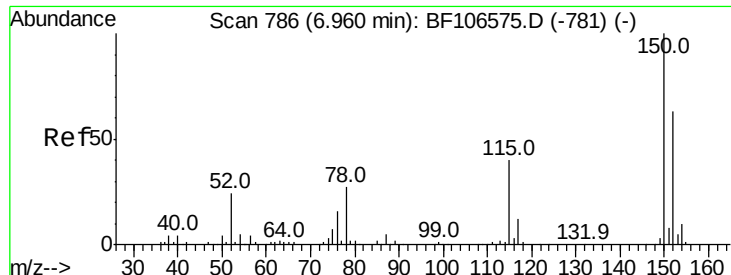
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	84350	29.757	nq	92
43) 2,4,5-Trichlorophenol	9.28	196	88392	29.884	nq	90
45) 1,1'-Biphenyl	9.41	154	344806	34.168	nq	96
46) 2-Chloronaphthalene	9.44	162	250700	31.560	nq	96
47) 2-Nitroaniline	9.54	65	78867	29.525	nq	94
48) Acenaphthylene	9.85	152	397764	31.716	nq	99
49) Dimethylphthalate	9.70	163	398464	41.956	nq	97
50) 2,6-Dinitrotoluene	9.78	165	68716	34.169	nq	87
51) Acenaphthene	10.02	154	241879	30.628	nq	97
52) 3-Nitroaniline	9.95	138	41712	18.024	nq	96
53) 2,4-Dinitrophenol	10.07	184	21524	24.561	nq #	19
54) Dibenzofuran	10.20	168	365873	33.833	nq	96
55) 4-Nitrophenol	10.13	139	50682	31.375	nq	87
56) 2,4-Dinitrotoluene	10.19	165	86626	33.000	nq	89
57) Fluorene	10.54	166	289298	33.713	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	75393	32.065	nq #	74
59) Diethylphthalate	10.40	149	273757	29.865	nq #	93
60) 4-Chlorophenyl-phenylether	10.52	204	149840	33.372	nq #	85
61) 4-Nitroaniline	10.57	138	59238	25.792	nq	89
62) Azobenzene	10.69	77	262371	29.066	nq	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	33490	23.562	nq #	73
65) n-Nitrosodiphenylamine	10.65	169	245886	31.793	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	99076	36.104	nq #	77
67) Hexachlorobenzene	11.09	284	98349	34.242	nq #	86
68) Atrazine	11.17	200	86491	35.178	nq	95
69) Pentachlorophenol	11.30	266	40737	28.426	nq	96
70) Phenanthrene	11.51	178	410316	36.998	nq	99
71) Anthracene	11.56	178	399927	35.330	nq	100
72) Carbazole	11.72	167	333982	31.513	nq	98
73) Di-n-butylphthalate	12.02	149	385801	30.900	nq	99
74) Fluoranthene	12.70	202	391217	32.005	nq	96
76) Benzidine	12.82	184	132668	28.454	nq	95
77) Pyrene	12.94	202	373278	34.577	nq	100
79) Butylbenzylphthalate	13.53	149	125778	28.337	nq #	94
80) Benzo(a)anthracene	14.12	228	343209	34.397	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	84689	24.150	nq #	97
82) Chrysene	14.17	228	321983	35.076	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	160667	28.313	nq	96
84) Di-n-octyl phthalate	14.71	149	291367	31.499	nq	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	299691	38.471	nq #	90
87) Benzo(b)fluoranthene	15.22	252	364447	32.934	nq #	96
88) Benzo(k)fluoranthene	15.25	252	330636	31.376	nq #	95
89) Benzo(a)pyrene	15.61	252	339712	34.533	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	249088	29.877	nq #	90
91) Benzo(g,h,i)perylene	17.74	276	236985	29.082	nq #	89

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



#1

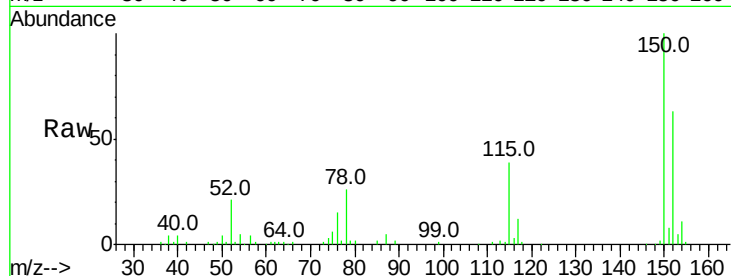
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

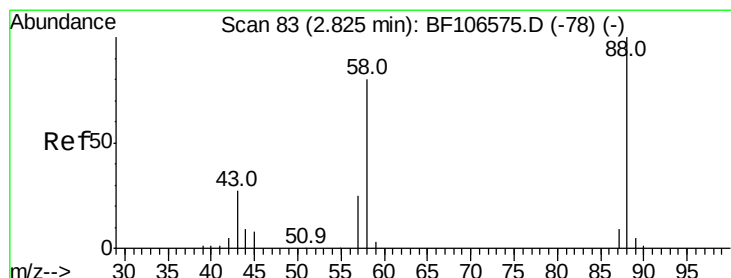
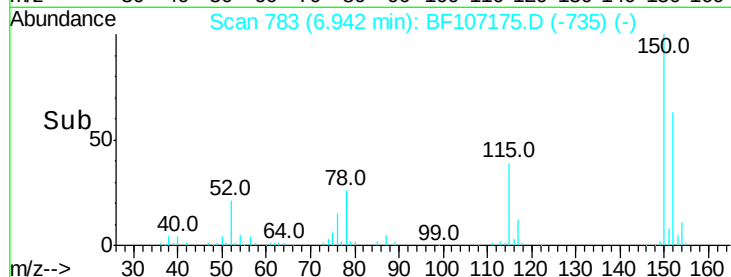
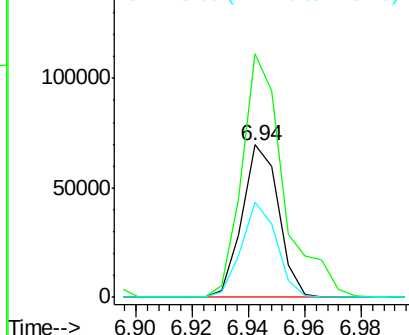
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	62.3	50.1	75.1

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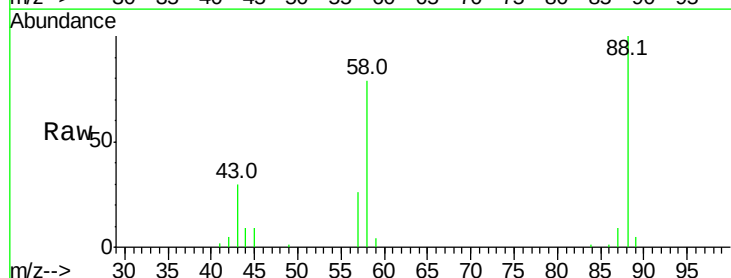
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



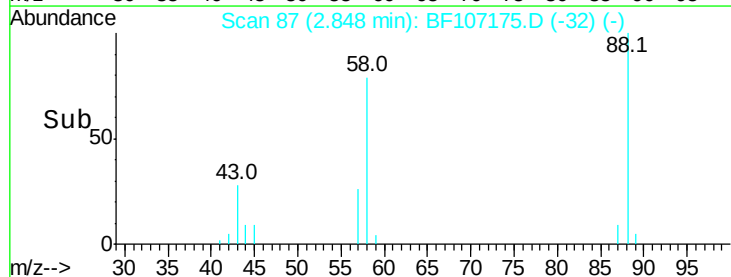
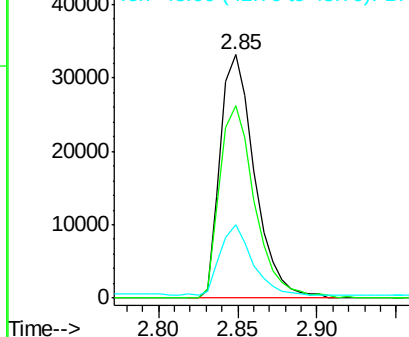
#2

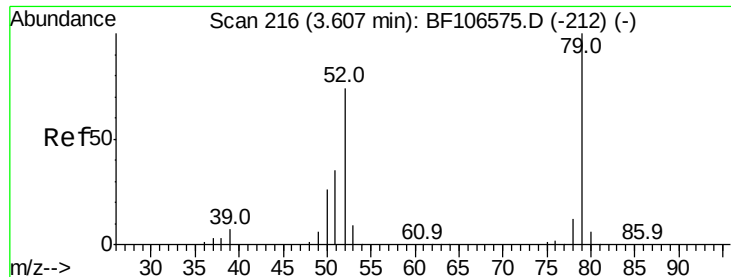
1,4-Dioxane
Concen: 26.386 ng
RT: 2.85 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	62.6	93.8
43	27.6	24.6	37.0



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





#3

Pvridine

Concen: 27.770 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

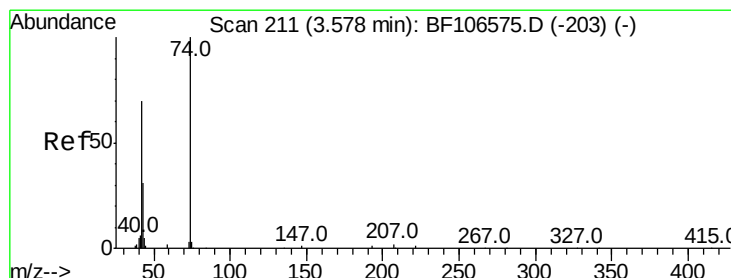
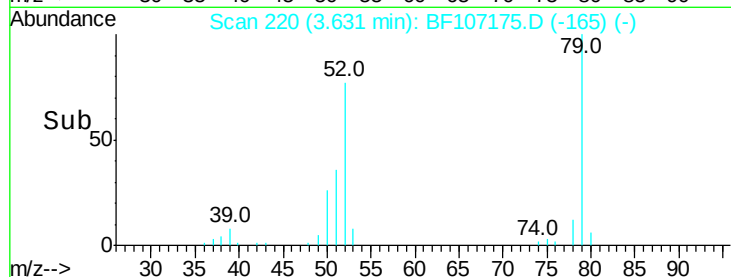
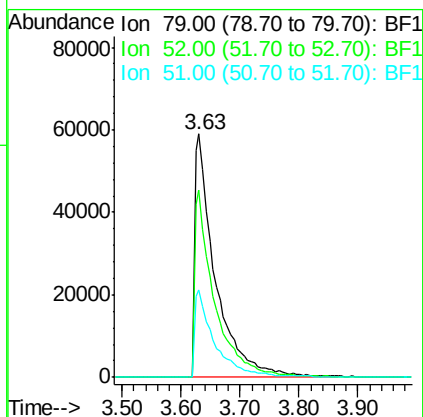
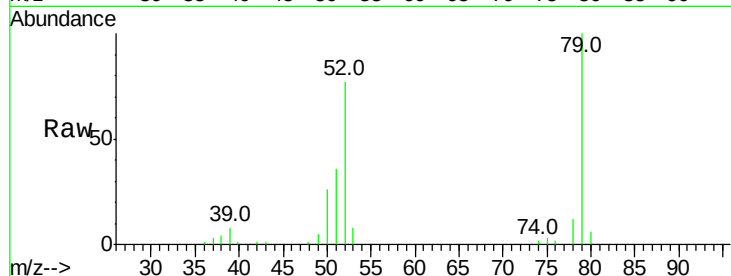
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:	79	Resp:	143124
Ion Ratio	Lower	Upper	
79	100		
52	77.0	59.8	89.6
51	35.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 27.337 ng

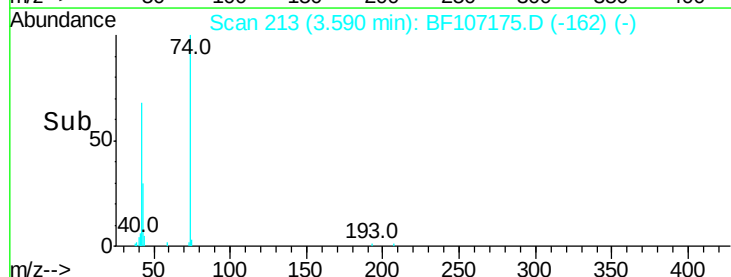
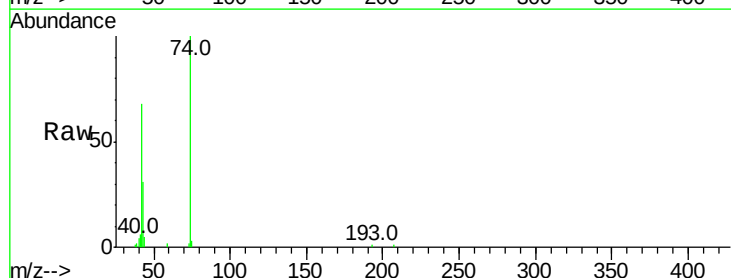
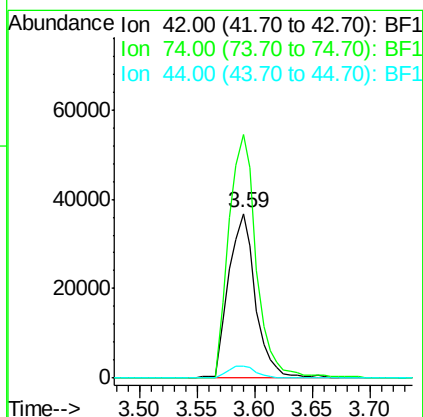
RT: 3.59 min Scan# 213

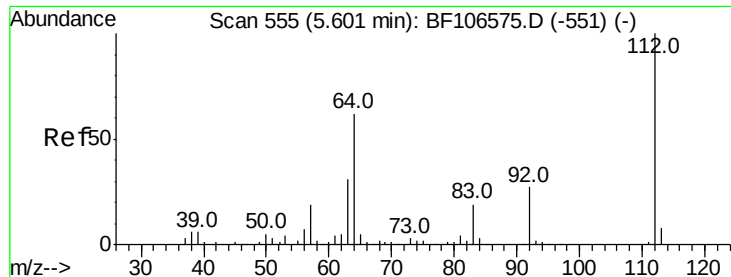
Delta R.T. -0.00 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:	42	Resp:	59840
Ion Ratio	Lower	Upper	
42	100		
74	148.0	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 98.235 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

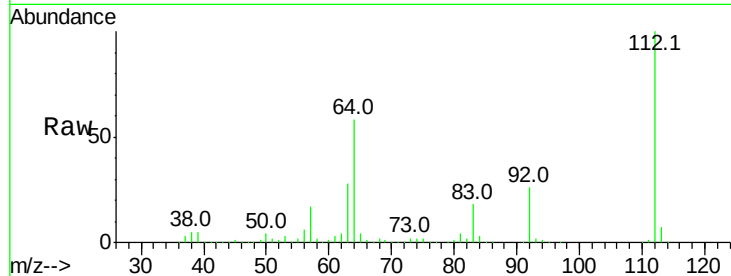
ClientSampleId :

FK-GF-03-005-AMSD

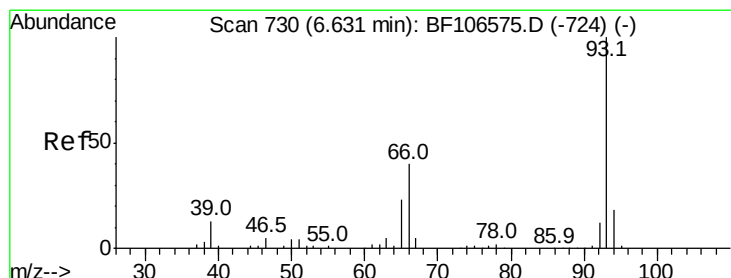
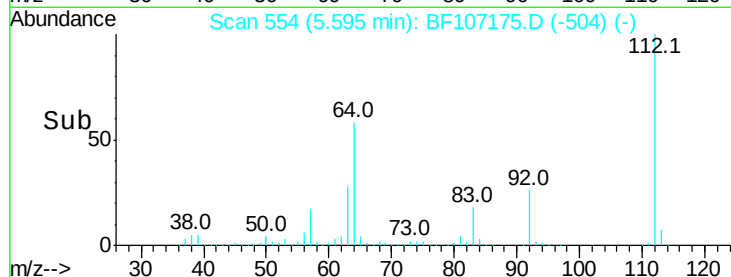
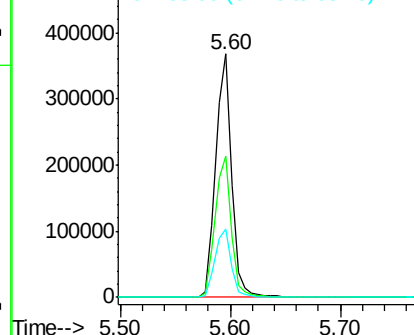
Tot Ion:	112	Resp:	363116
Ion Ratio	Lower	Upper	
112	100		
64	58.0	47.9	71.9
63	28.1	23.7	35.5

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



#6

Aniline

Concen: 13.221 ng

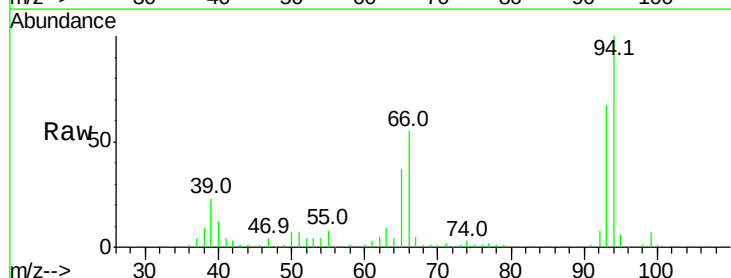
RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

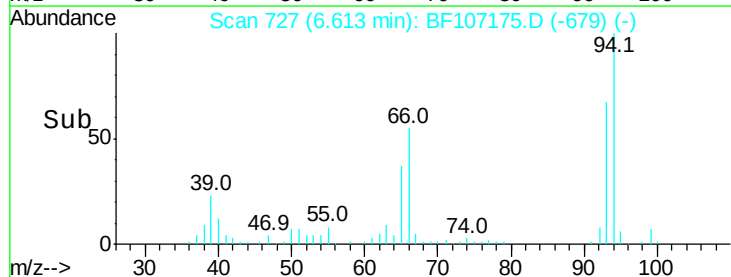
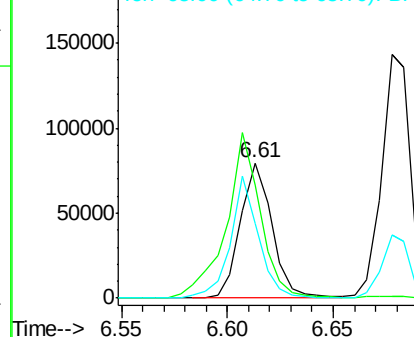
Lab File: BF107175.D

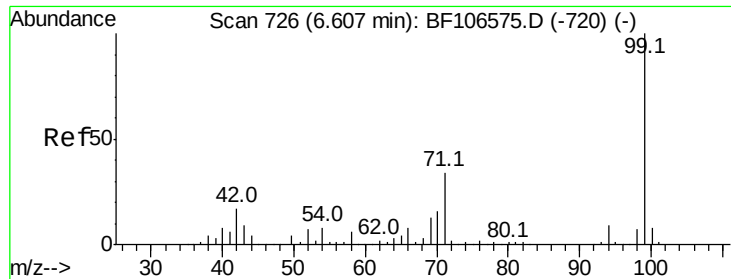
Acq: 6 Jul 2018 16:20

Tgt Ion:	93	Resp:	82788
Ion Ratio	Lower	Upper	
93	100		
66	83.2	32.2	48.2#
65	54.8	16.4	24.6#



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





#7

Phenol-d6

Concen: 99.122 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

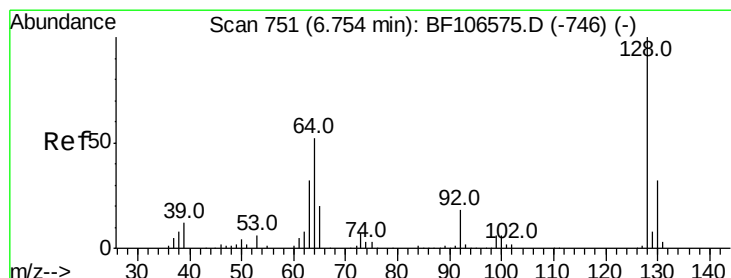
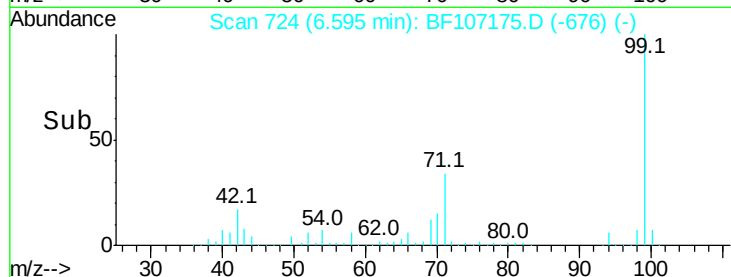
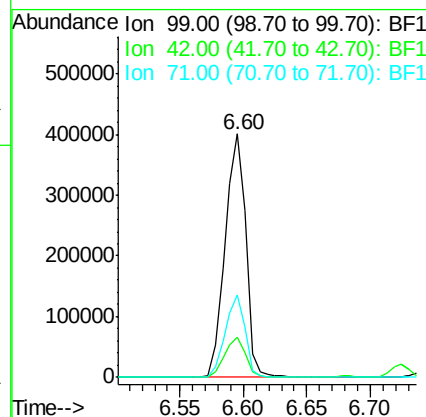
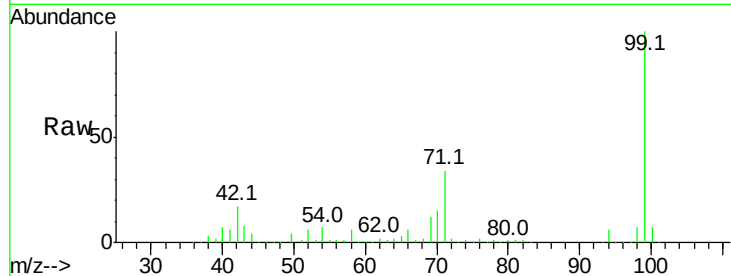
ClientSampleId :

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Tot Ion:	99	Resp:	457557
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	33.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 33.391 ng

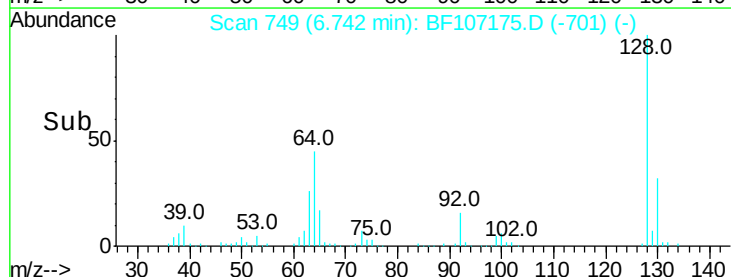
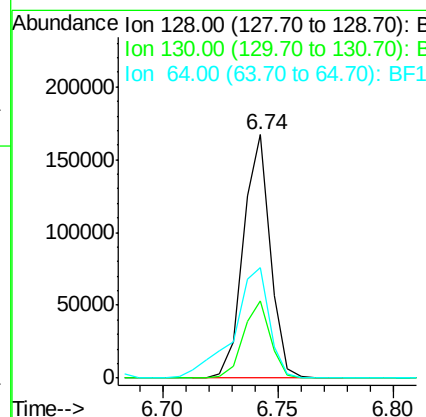
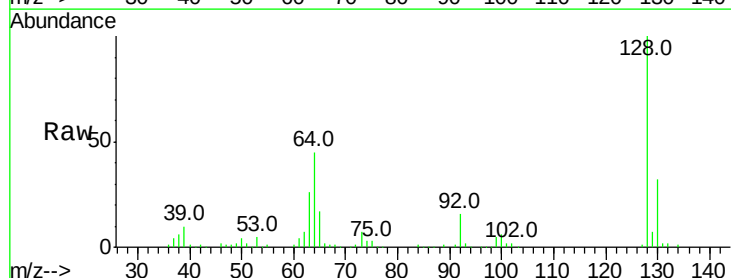
RT: 6.74 min Scan# 749

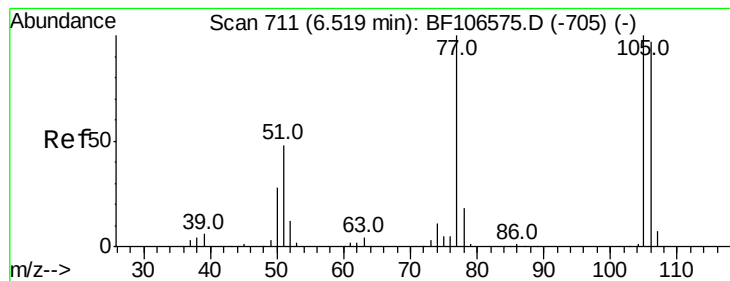
Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:	128	Resp:	135375
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.0	53.0
64	45.2	29.4	69.4





#9

Benzaldehyde

Concen: 16.775 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion: 77 Resp: 61628

Ion Ratio Lower Upper

77 100

105 103.1 81.1 121.1

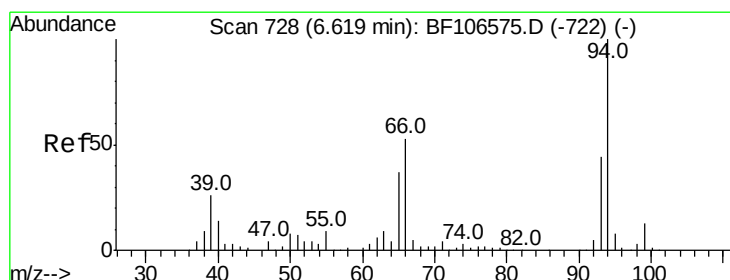
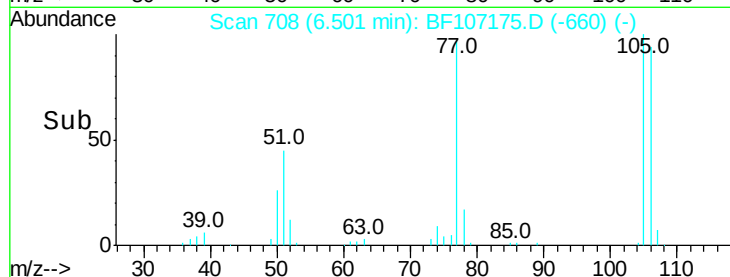
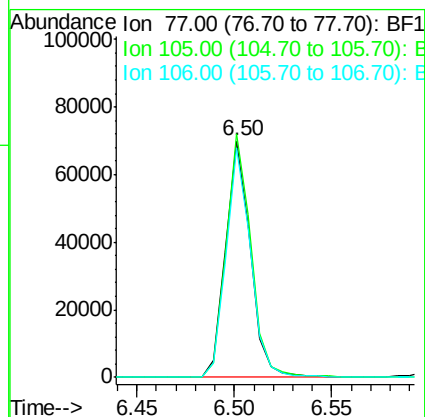
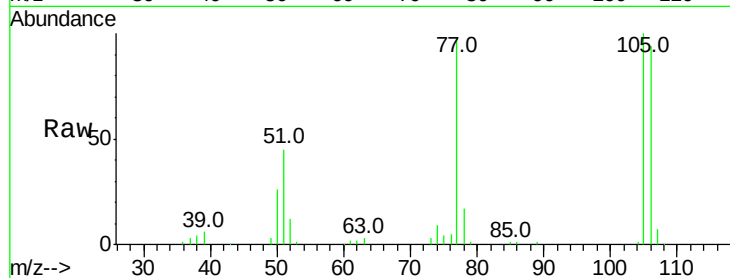
106 97.0 74.5 114.5

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#10

Phenol

Concen: 33.461 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

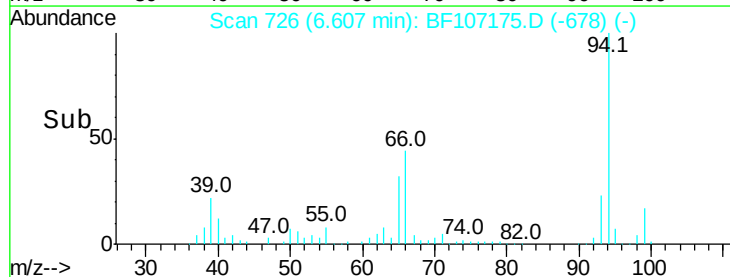
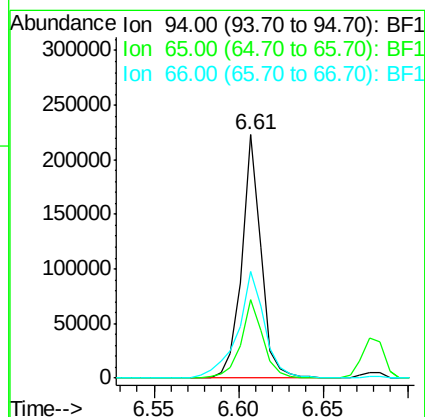
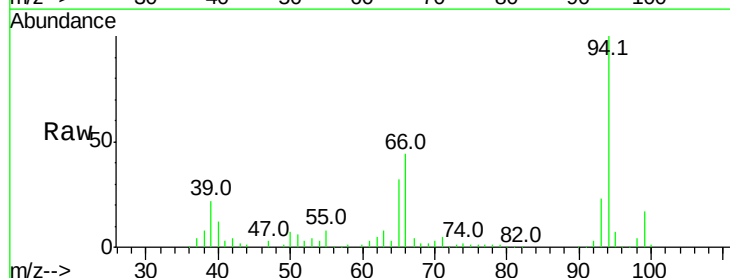
Tgt Ion: 94 Resp: 176274

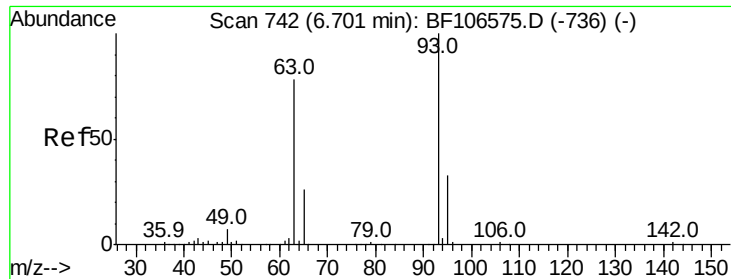
Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

66 43.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 30.969 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

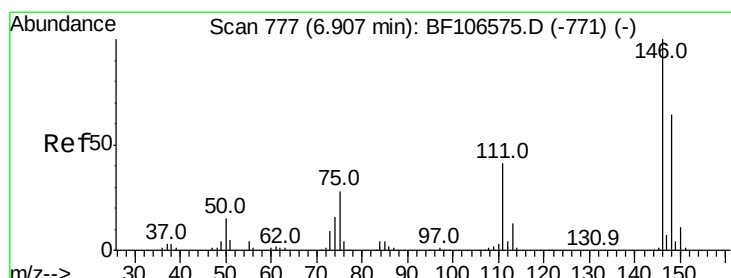
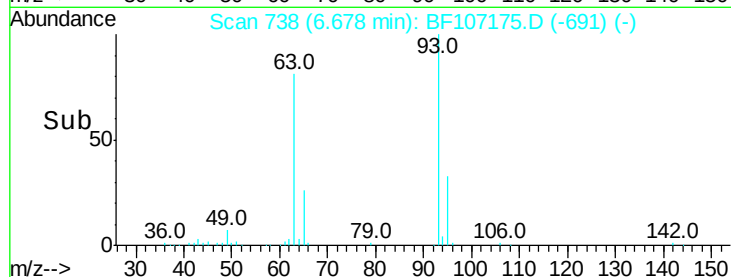
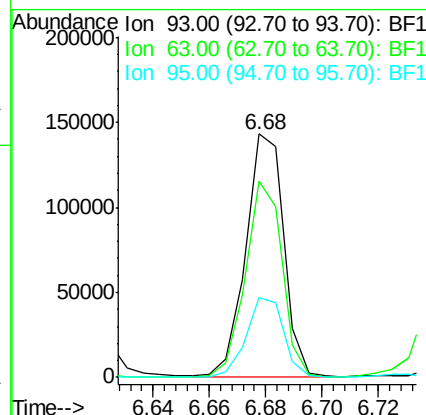
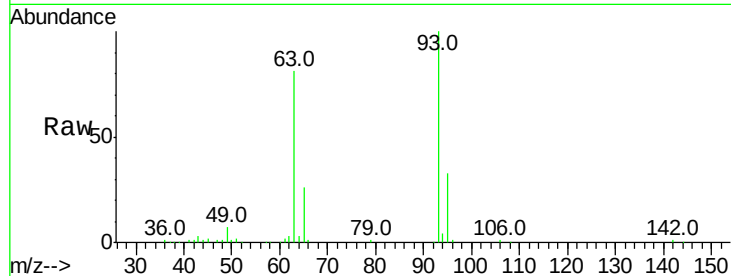
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion	93	Resp	134686
Ion Ratio	Lower	Upper	
93	100		
63	80.5	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 33.089 ng

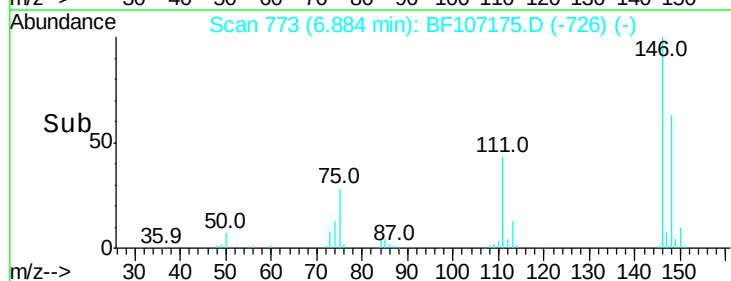
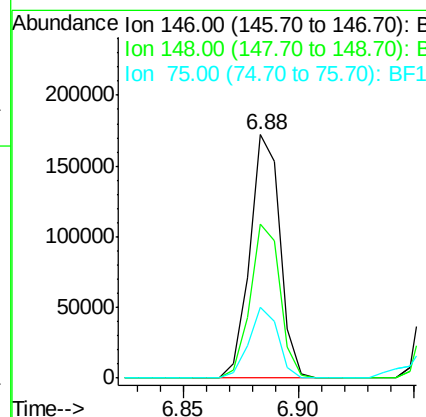
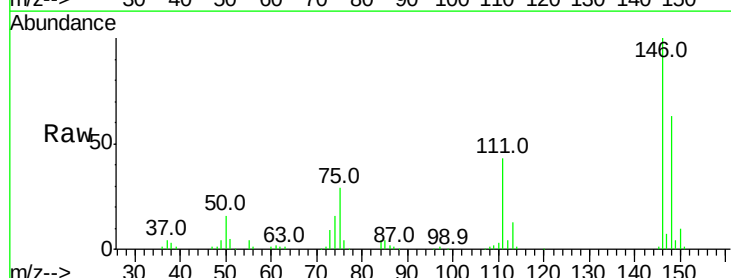
RT: 6.88 min Scan# 773

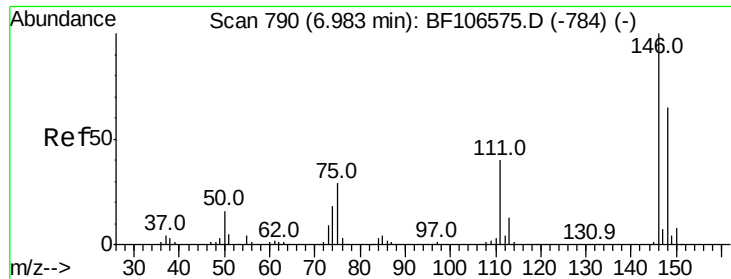
Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion	146	Resp	157123
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	29.0	24.2	36.4





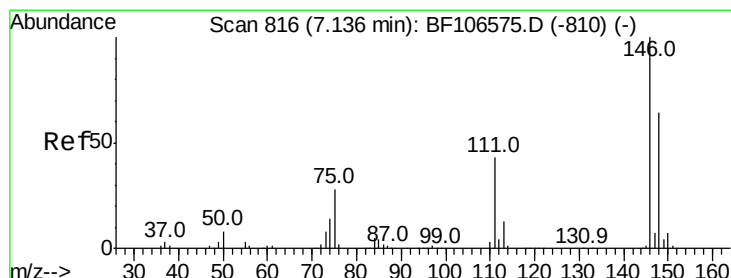
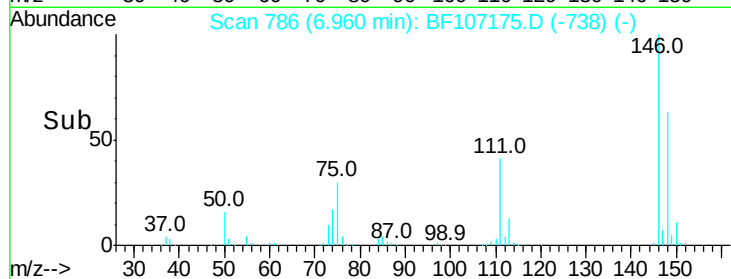
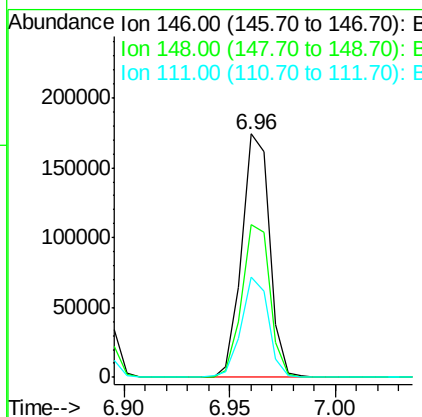
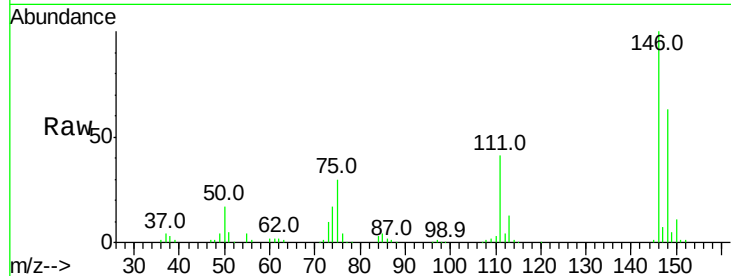
#13
 1,4-Dichlorobenzene
 Concen: 33.156 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	41.1	34.2	51.2

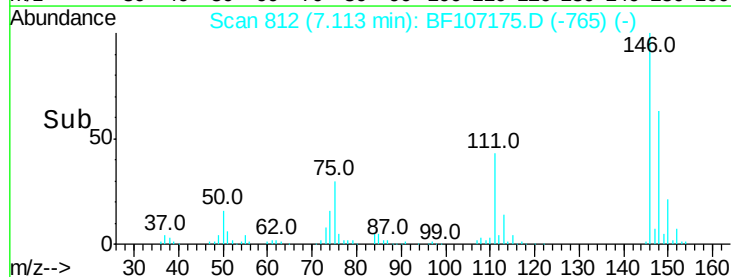
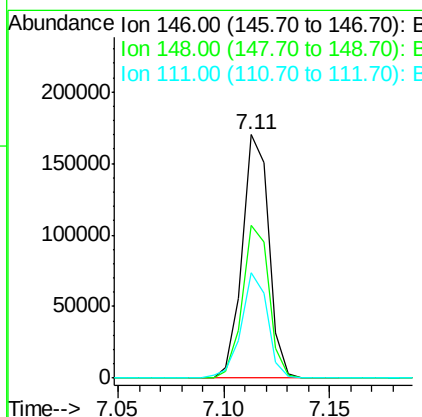
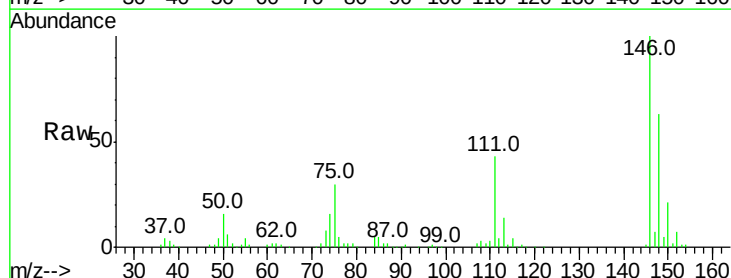
Manual Integrations
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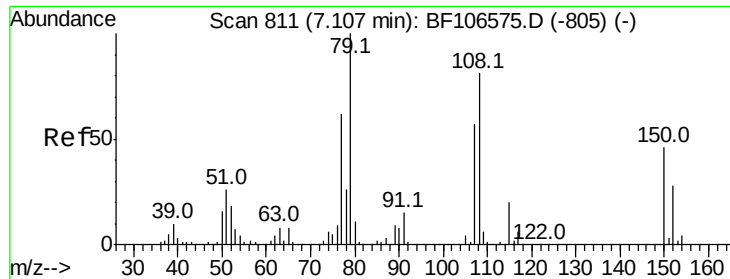
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#14
 1,2-Dichlorobenzene
 Concen: 33.698 ng
 RT: 7.11 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	43.2	36.0	54.0





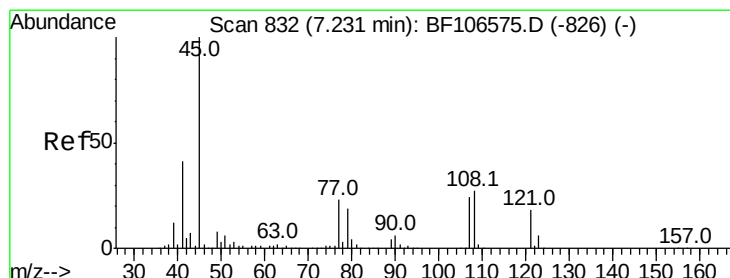
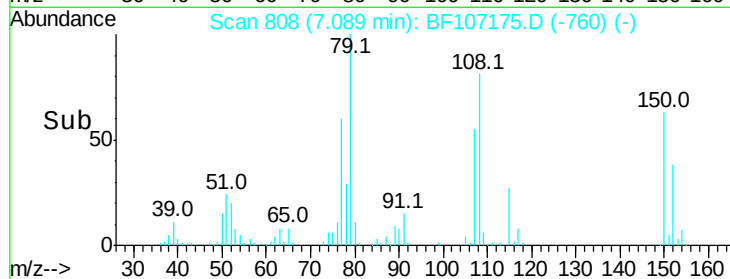
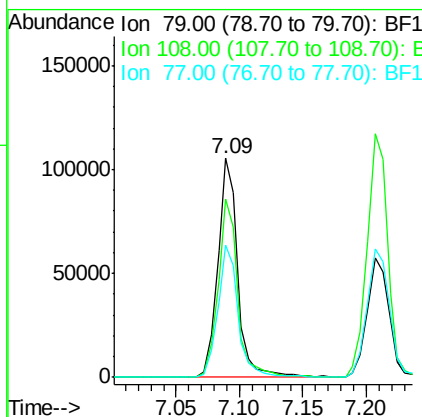
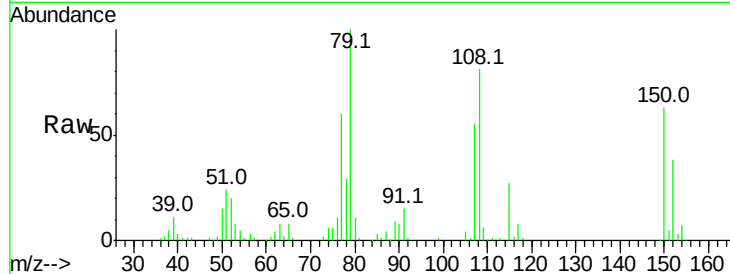
#15
Benzyl Alcohol
Concen: 31.335 ng
RT: 7.09 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion:	79	Resp:	116145
Ion Ratio	Lower	Upper	
79	100		
108	81.2	65.1	97.7
77	60.4	50.6	75.8

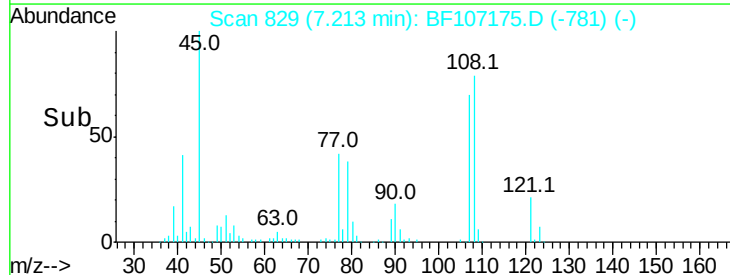
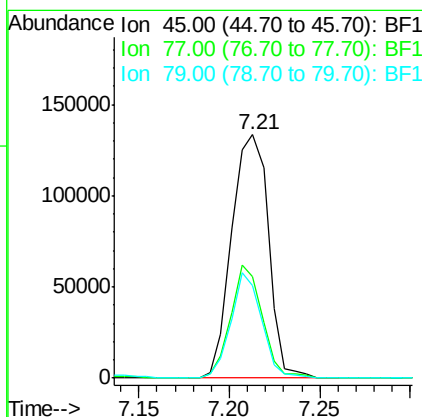
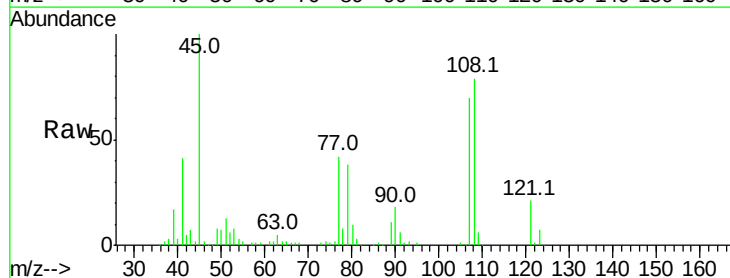
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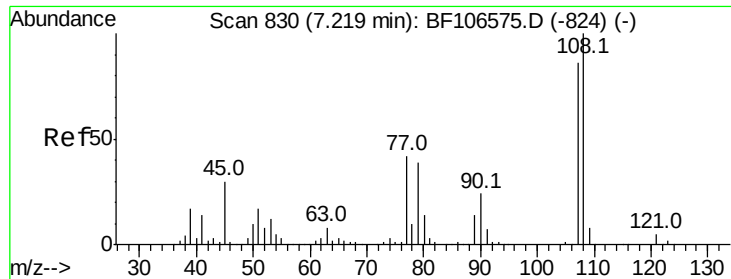
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.972 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion:	45	Resp:	188144
Ion Ratio	Lower	Upper	
45	100		
77	41.7	0.0	32.9#
79	38.1	0.0	29.6#





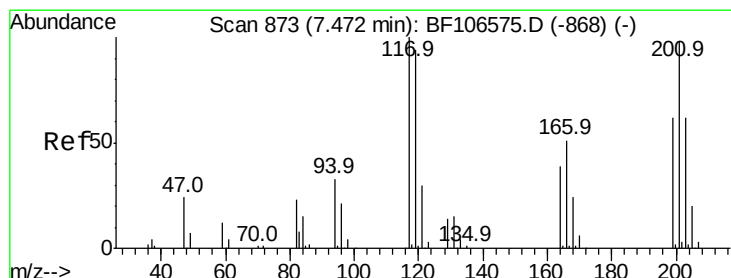
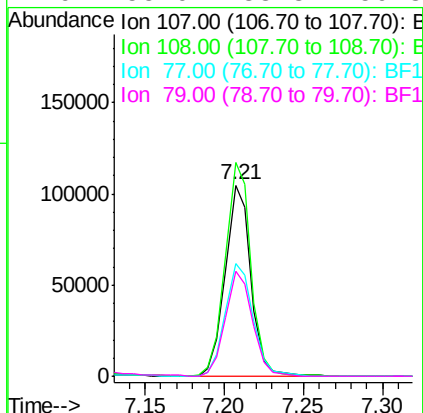
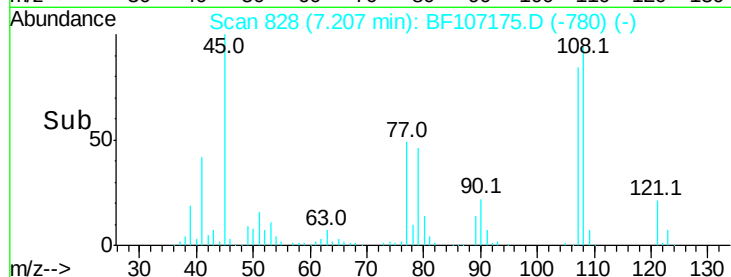
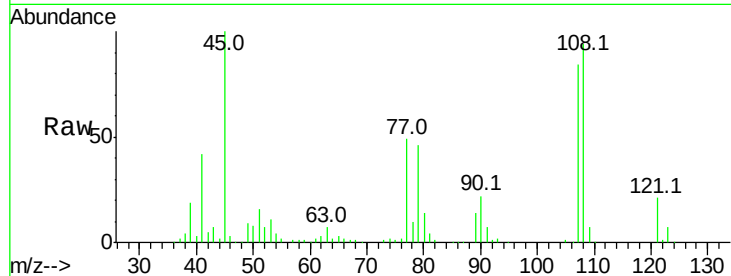
#17
2-Methylphenol
Concen: 33.778 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	117196		
108	111.7	91.7	137.5	
77	58.9	33.8	50.8#	
79	55.0	33.8	50.8#	

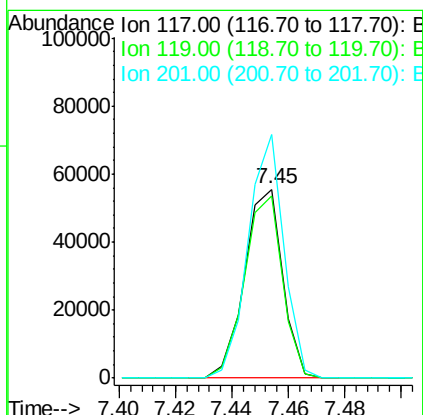
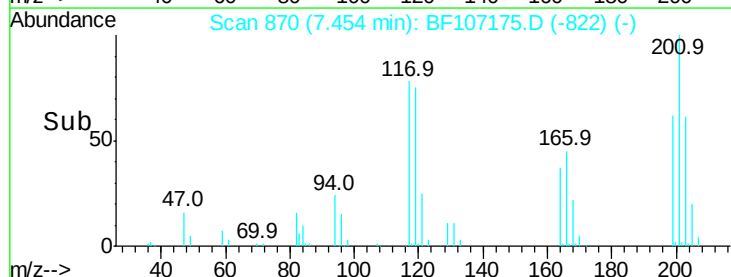
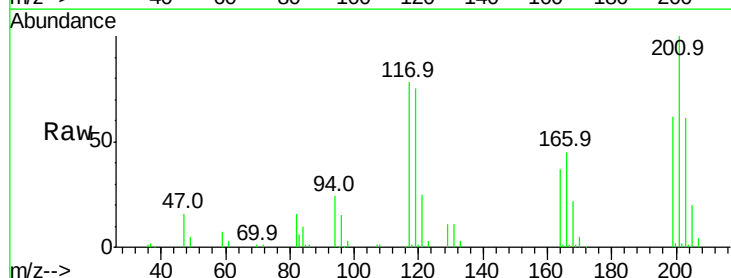
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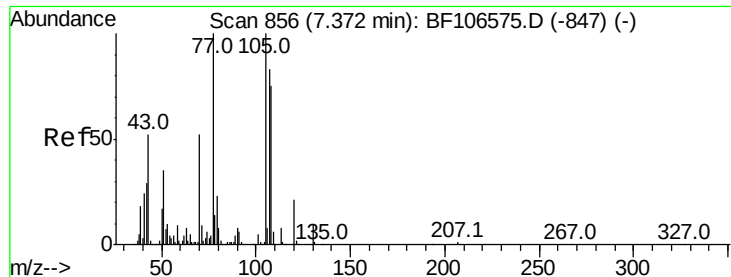
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#18
Hexachloroethane
Concen: 30.757 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51924		
119	96.2	75.8	113.8	
201	128.8	75.7	113.5#	





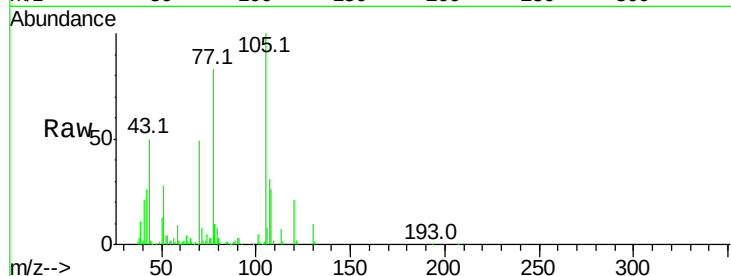
#19
n-Nitroso-di-n-propylamine
Concen: 31.015 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

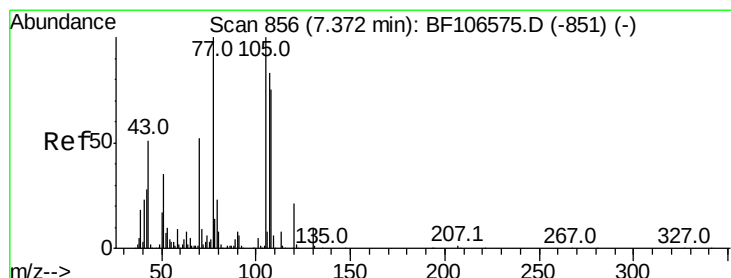
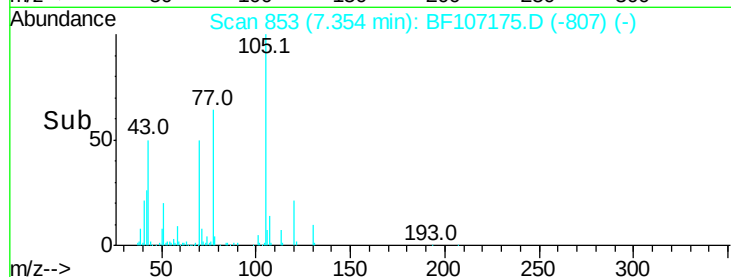
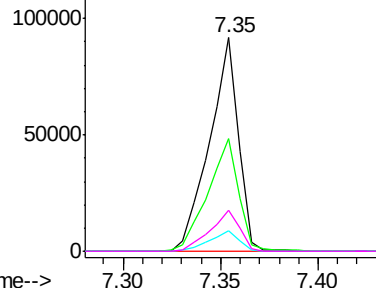
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	47.5	71.3	
101	9.9	7.4	11.2	
130	19.4	16.6	25.0	

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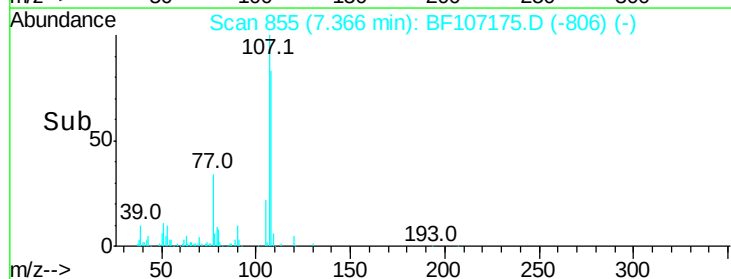
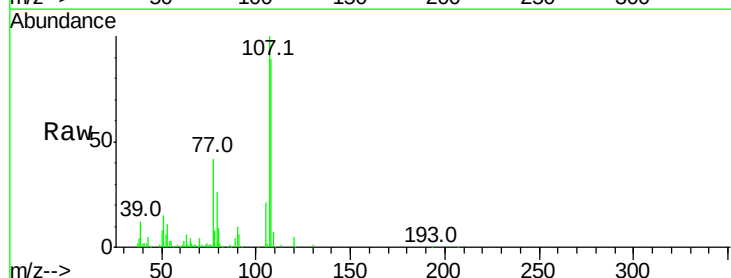
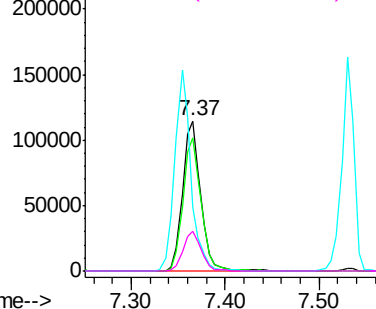
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

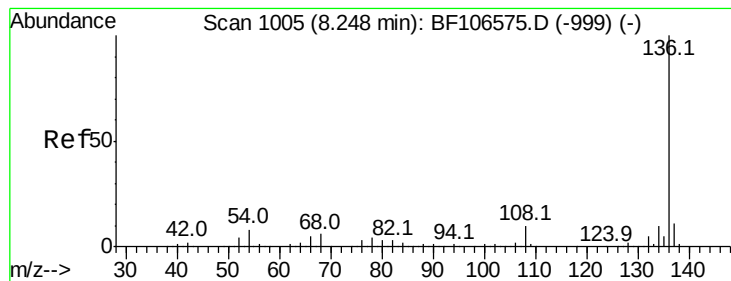


#20
3+4-Methylphenols
Concen: 40.124 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	68.2	108.2	
77	42.3	26.7	66.7	
79	26.3	6.3	46.3	

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

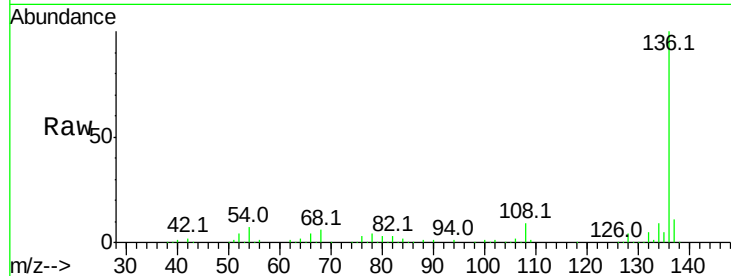
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	248248		
137	10.8		8.9	13.3
54	7.3		6.6	9.8
68	6.0		5.0	7.4

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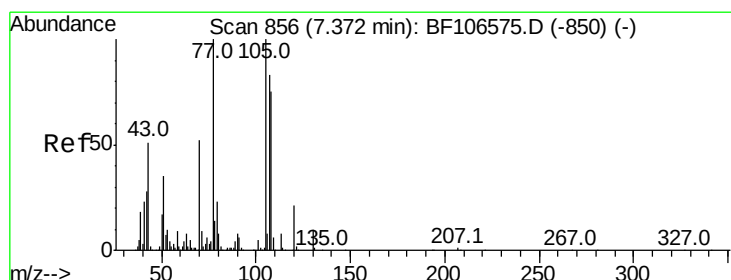
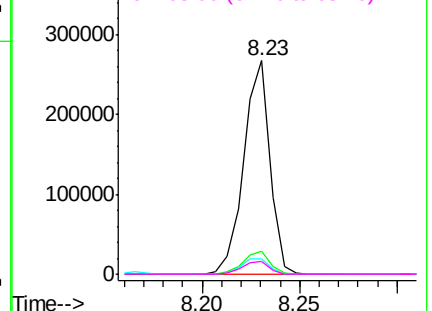
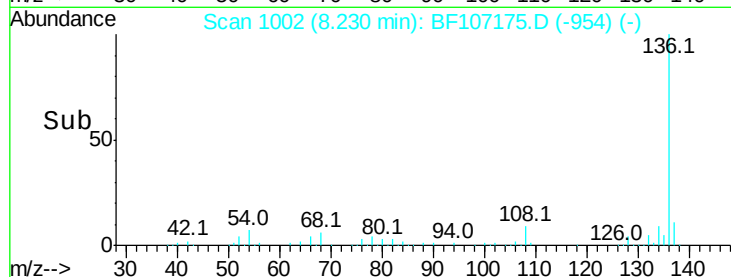


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.181 ng

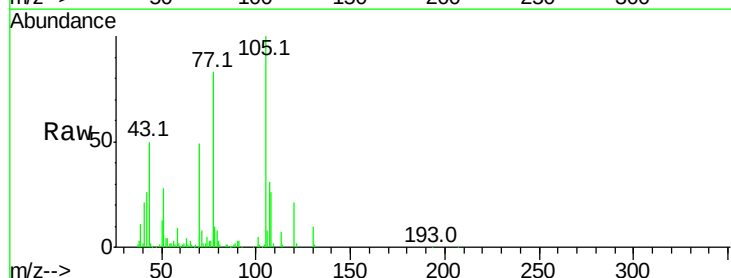
RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189837		
71	7.9		4.4	6.6#
51	28.2		22.3	33.5
120	20.5		16.9	25.3

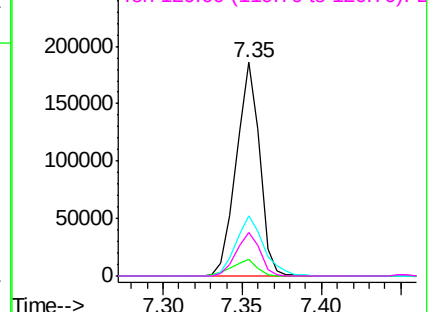
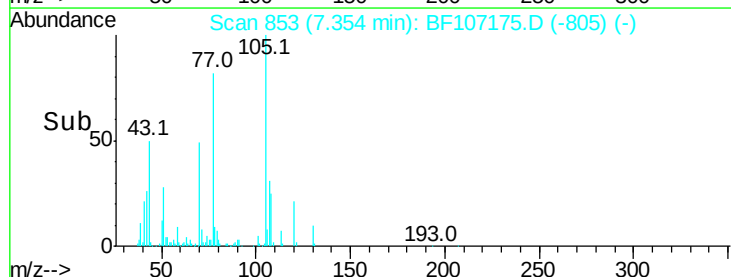


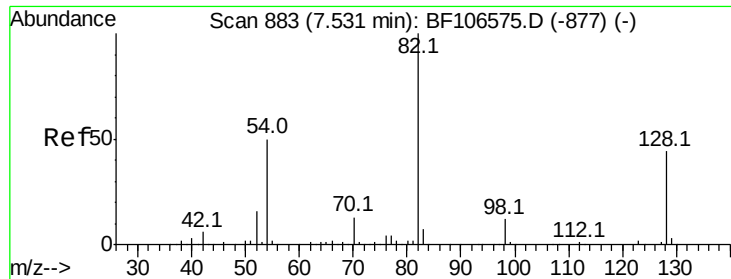
Abundance Ion 105.00 (104.70 to 105.70): E

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





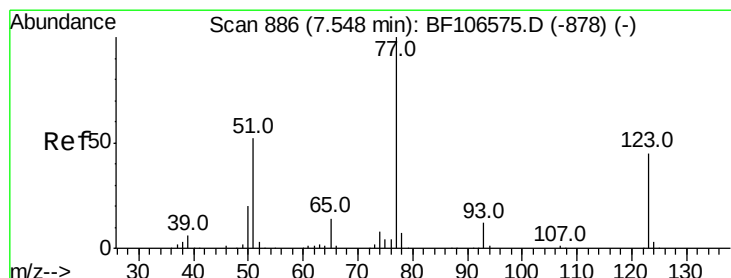
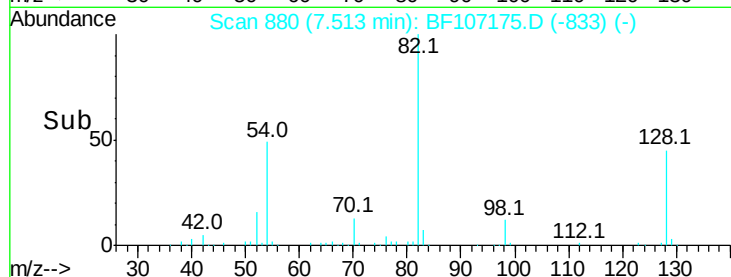
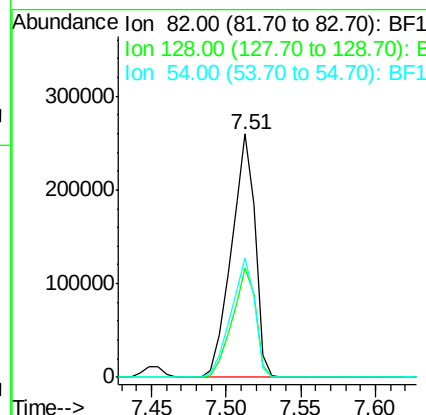
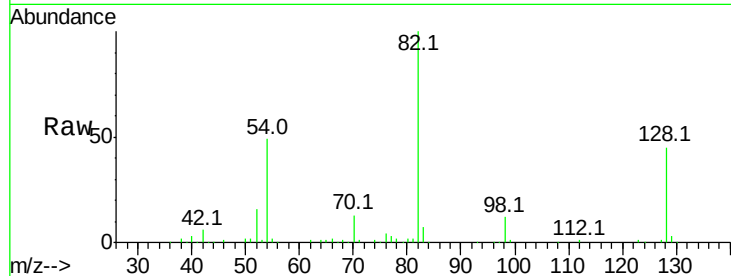
#23
 Nitrobenzene-d5
 Concen: 65.264 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	291535		
128	44.8	36.1	54.1	
54	48.8	41.4	62.2	

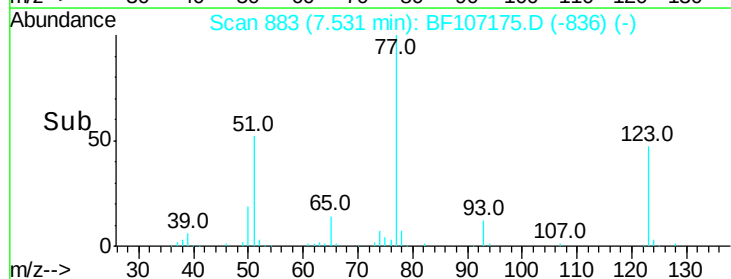
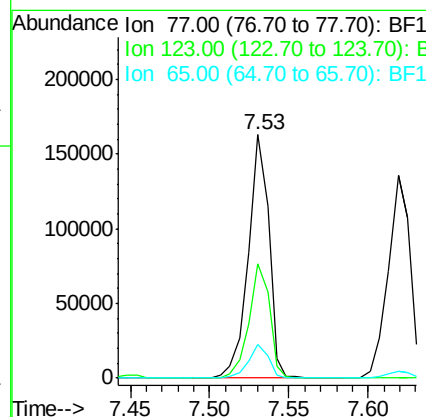
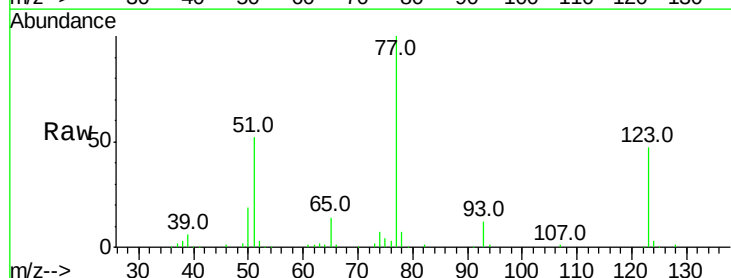
Manual Integrations
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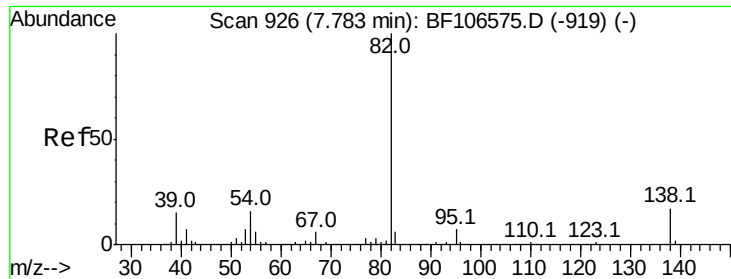
Sohil
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#24
 Nitrobenzene
 Concen: 32.298 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	147300		
123	46.7	37.9	56.9	
65	13.9	11.0	16.4	





#25

Isophorone

Concen: 33.822 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion: 82 Resp: 266228

Ion Ratio Lower Upper

82 100

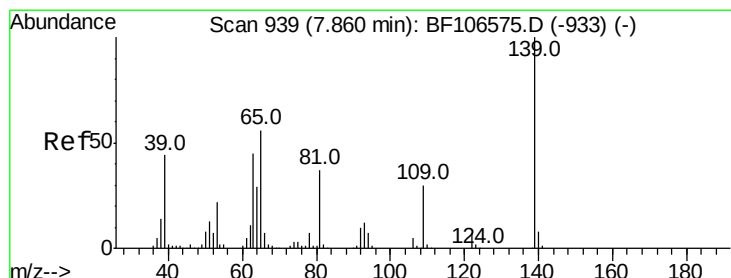
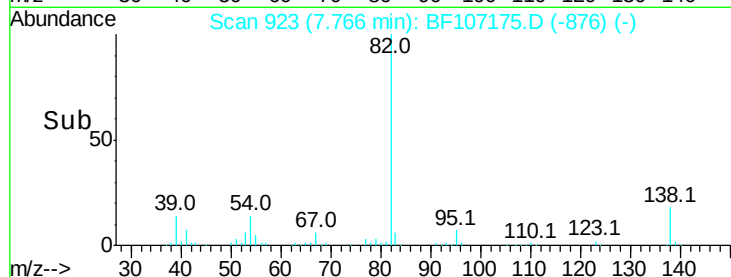
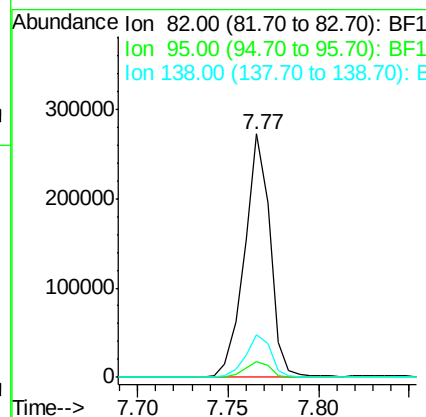
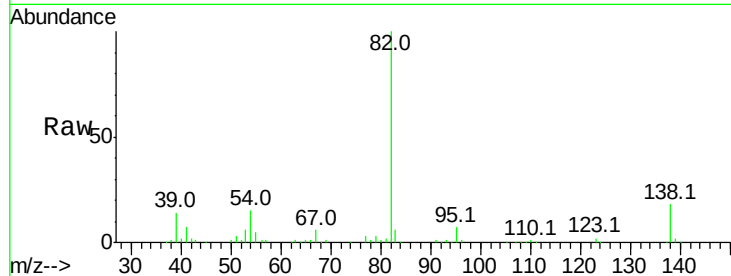
95 6.6 5.2 7.8

138 17.7 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.131 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

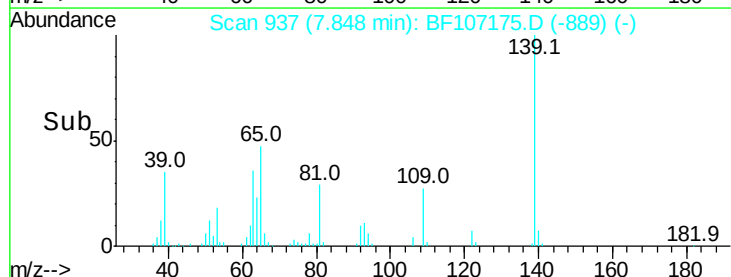
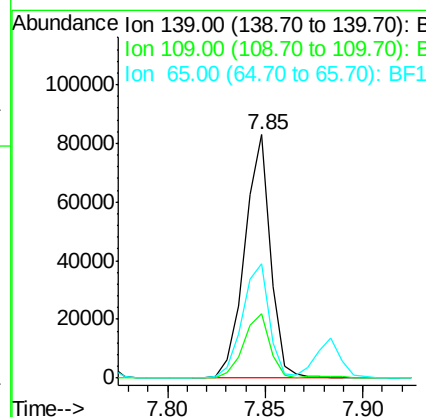
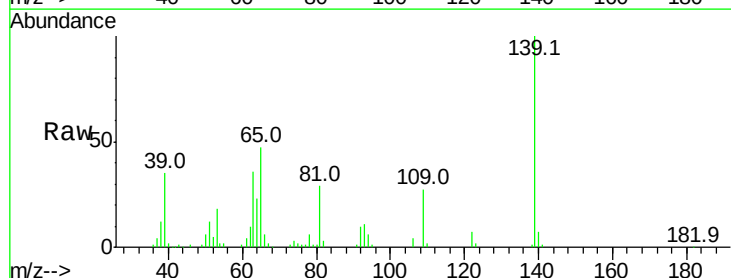
Tgt Ion: 139 Resp: 75635

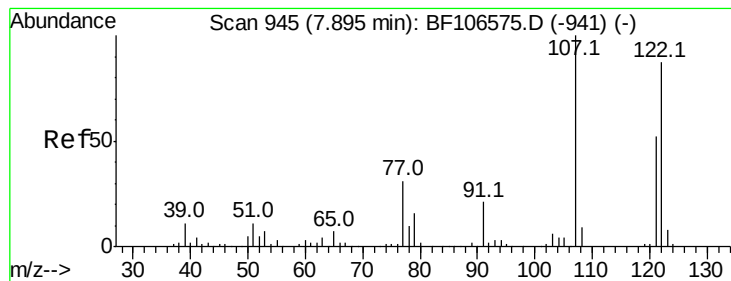
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 47.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.632 ng

RT: 7.88 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

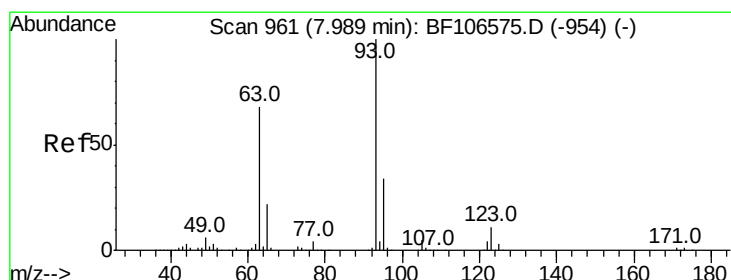
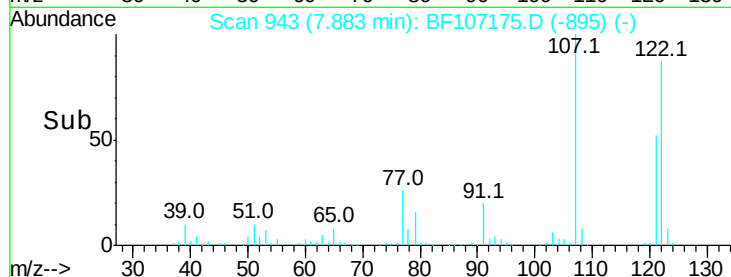
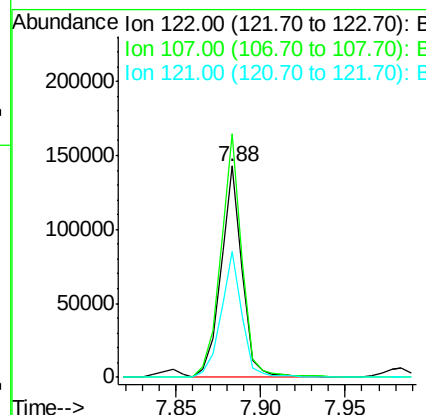
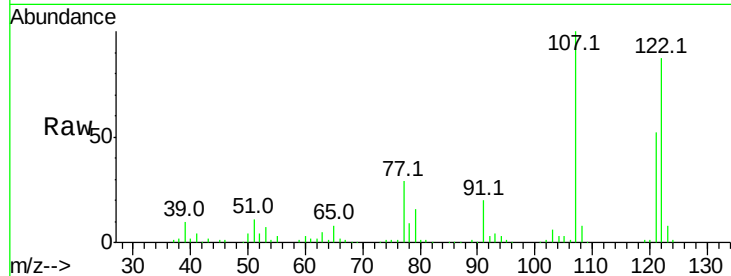
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:	122	Resp:	125228
Ion Ratio	Lower	Upper	
122	100		
107	115.3	91.2	136.8
121	59.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 32.320 ng

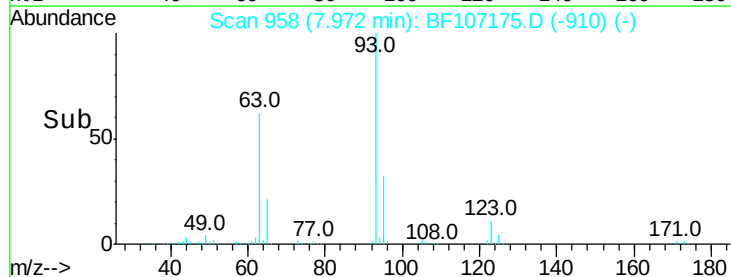
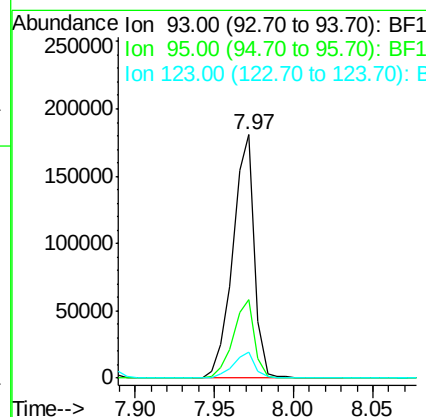
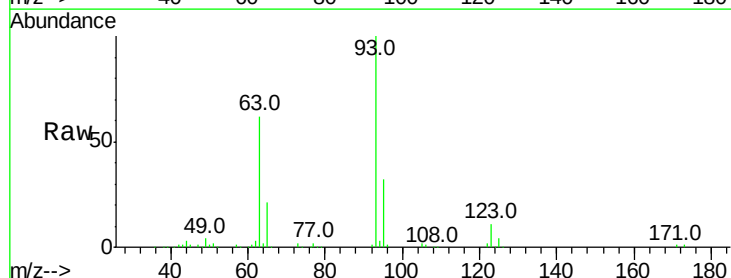
RT: 7.97 min Scan# 958

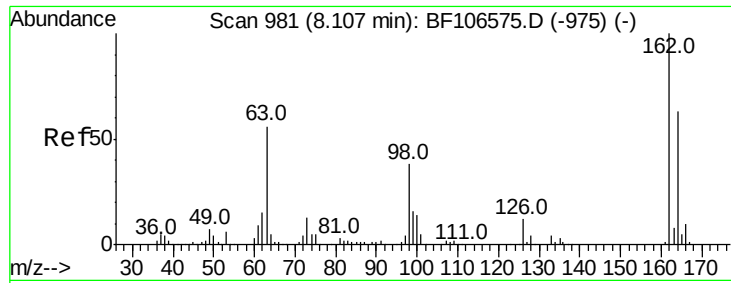
Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:	93	Resp:	170817
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	10.7	9.8	14.6





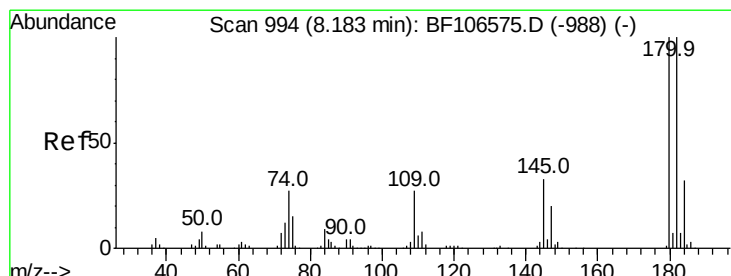
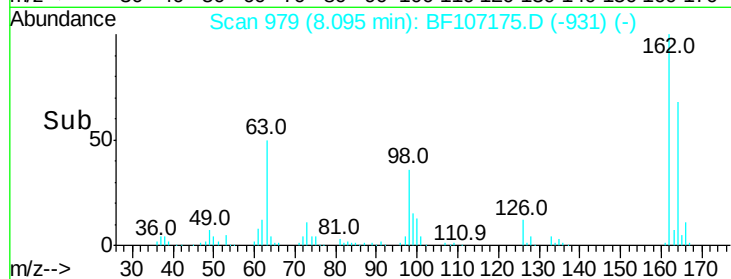
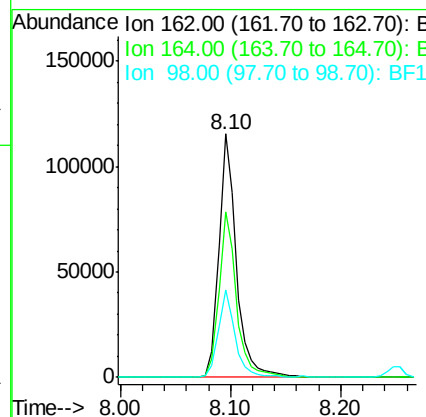
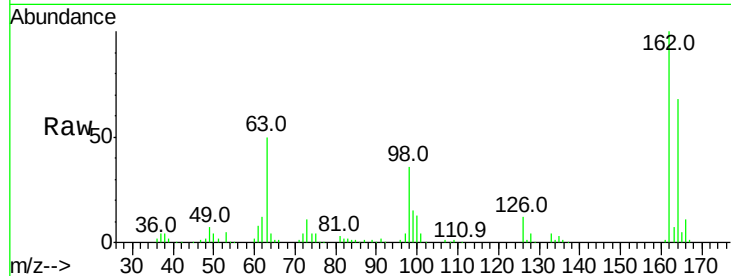
#29
 2,4-Dichlorophenol
 Concen: 36.203 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	126125		
164	67.9	42.7	82.7	
98	35.8	18.1	58.1	

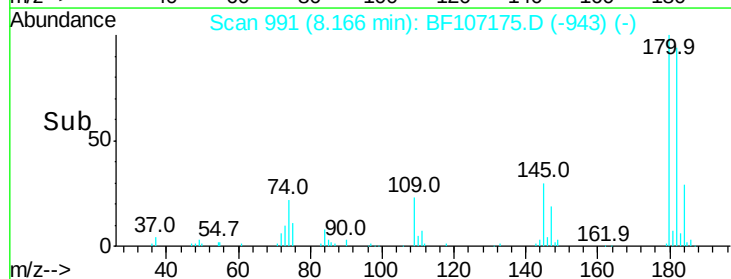
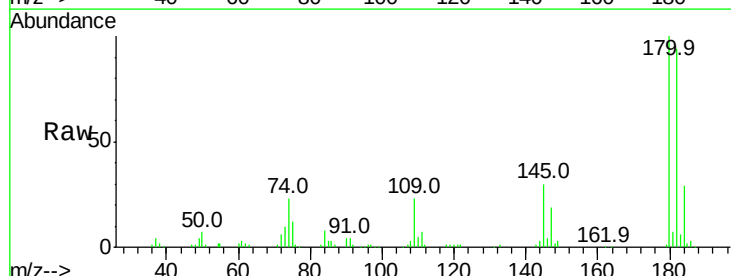
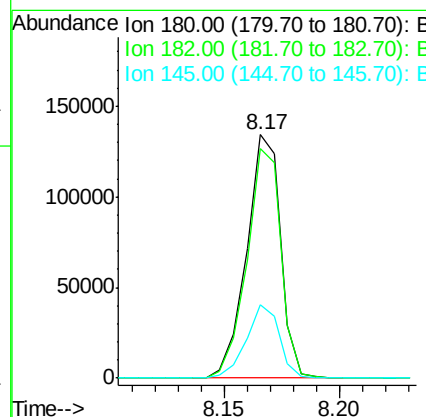
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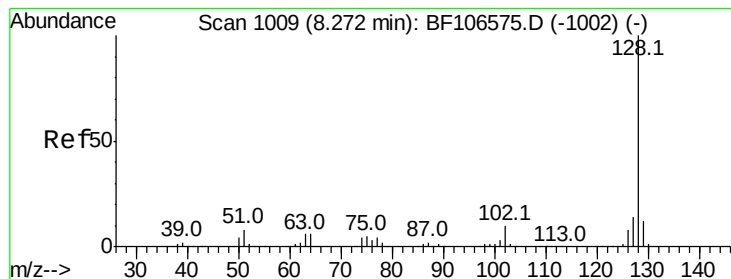
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.807 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137422		
182	94.2	76.8	115.2	
145	30.0	26.5	39.7	





#31

Naphthalene

Concen: 34.583 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

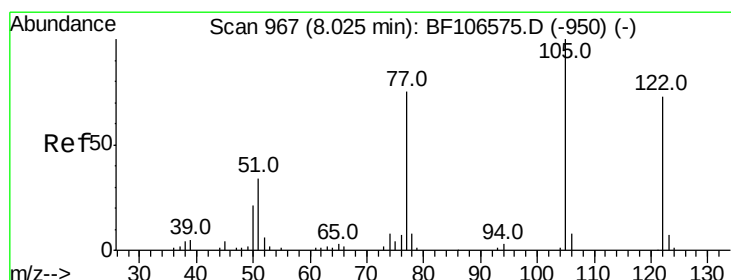
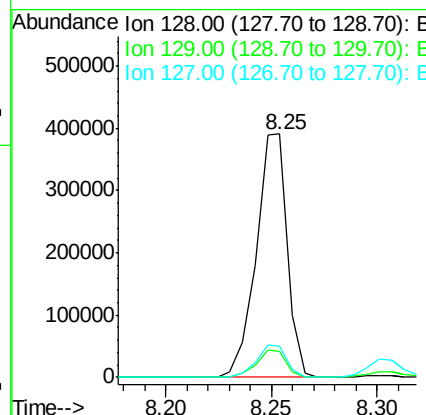
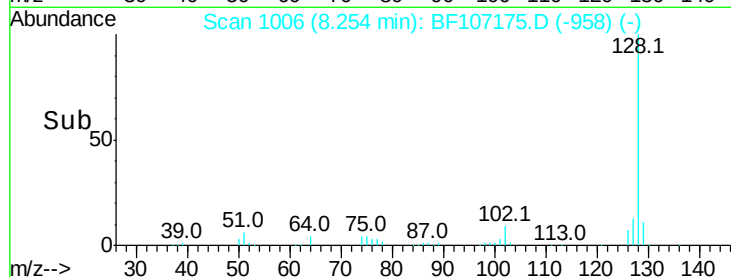
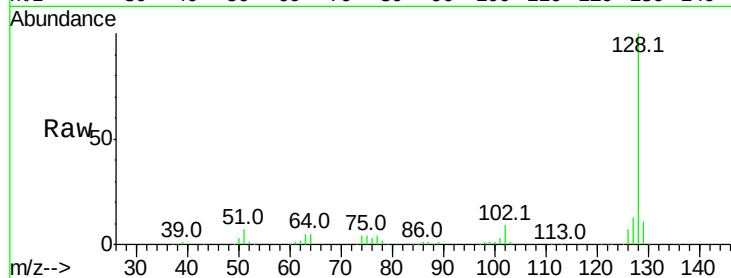
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:128	Resp:	401381
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.8 13.2
127	13.0	10.9 16.3

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#32

Benzoic acid

Concen: 9.587 ng

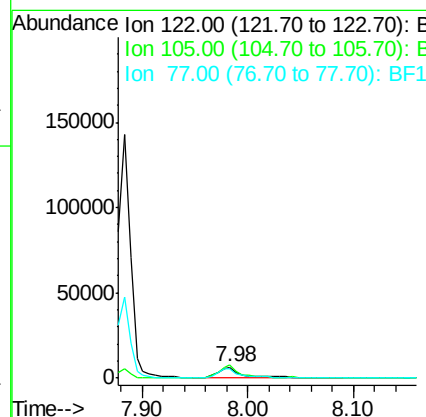
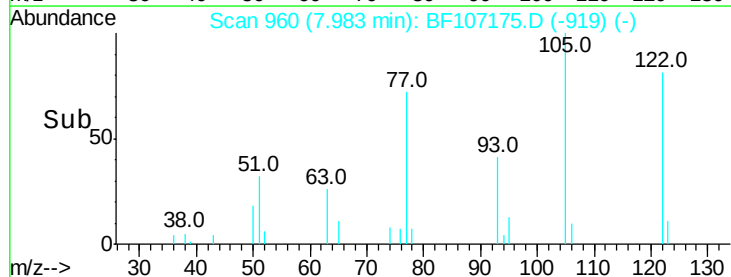
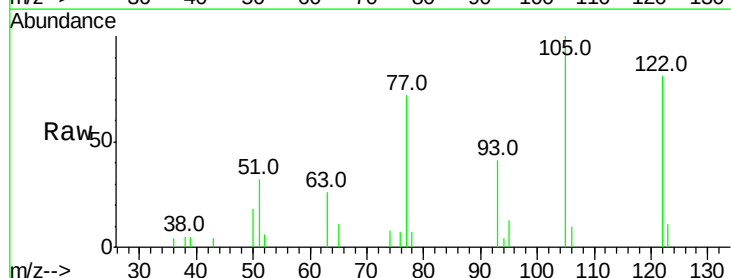
RT: 7.98 min Scan# 960

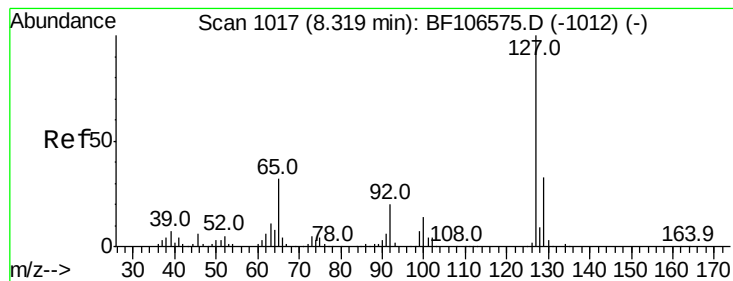
Delta R.T. -0.06 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:122	Resp:	10598
Ion Ratio	Lower	Upper
122	100	
105	122.8	101.1 141.1
77	88.1	70.7 110.7





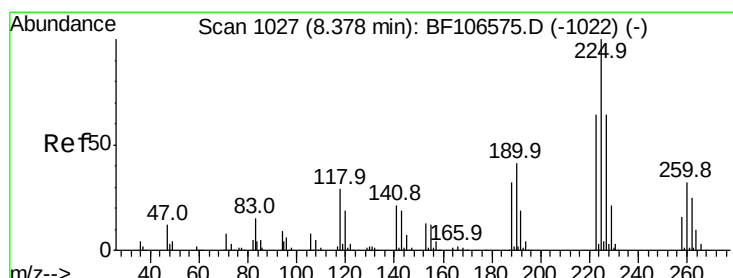
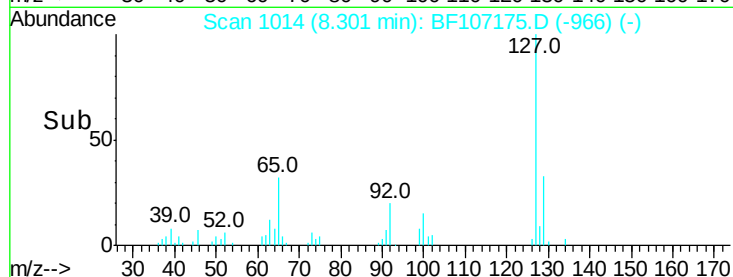
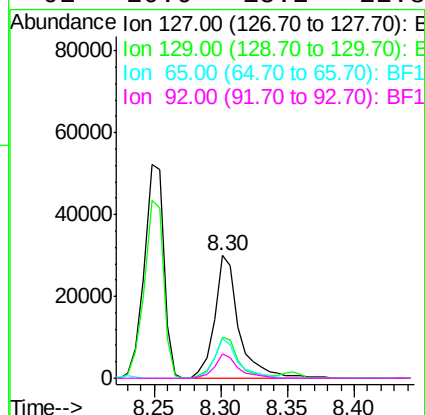
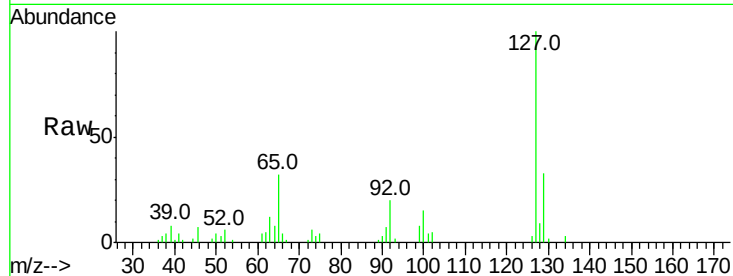
#33
 4-Chloroaniline
 Concen: 7.908 ng
 RT: 8.30 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	32.4	25.0	37.4		
92	20.0	15.2	22.8		

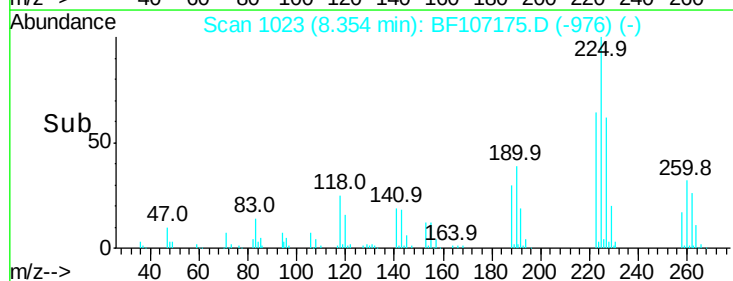
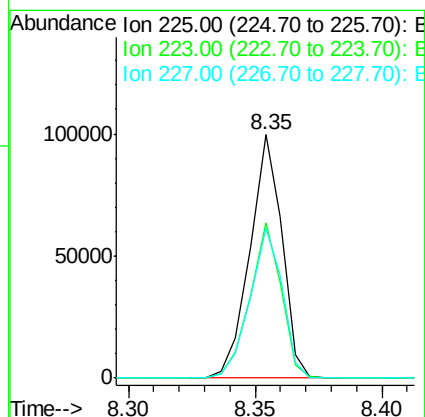
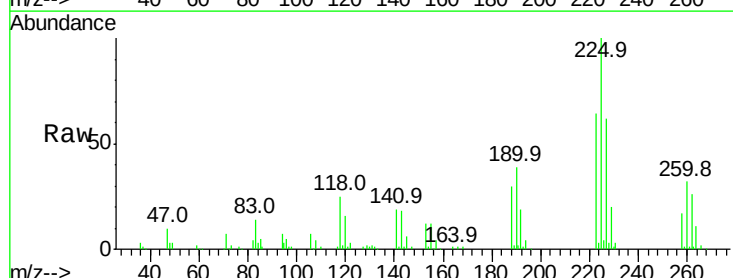
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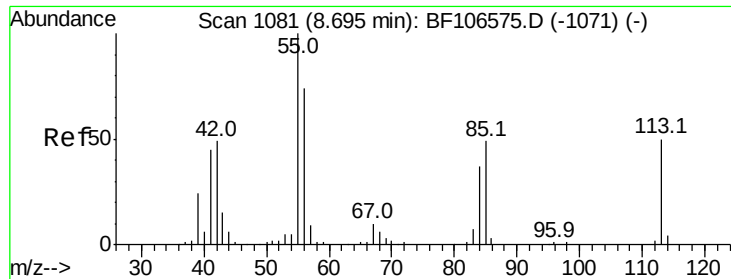
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#34
 Hexachlorobutadiene
 Concen: 35.168 ng
 RT: 8.35 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.6	76.0		
227	61.7	51.9	77.9		





#35

Caprolactam

Concen: 32.970 ng/mL

RT: 8.67 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

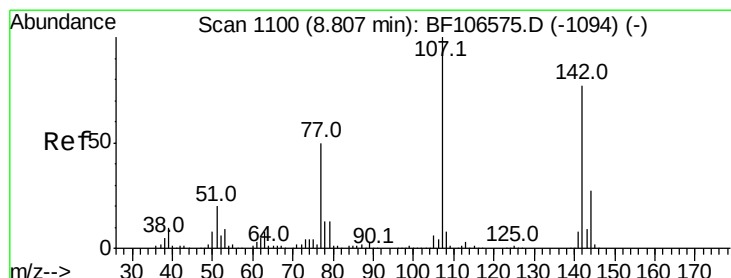
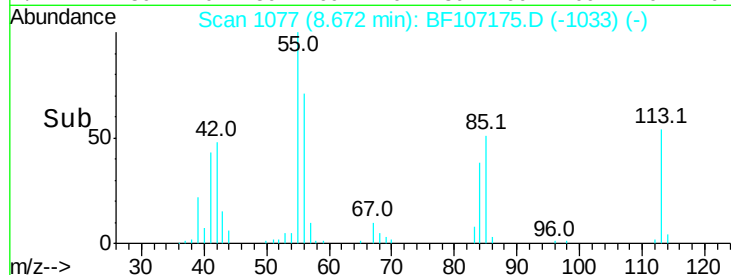
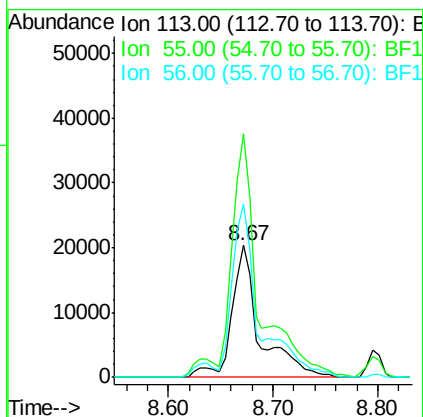
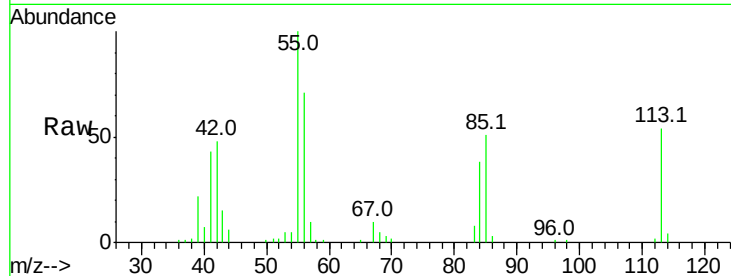
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:	113	Resp:	37442
Ion	Ratio	Lower	Upper
113	100		
55	184.6	163.3	203.3
56	131.2	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 34.464 ng/mL

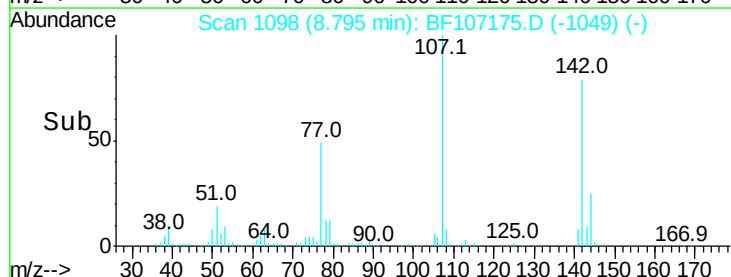
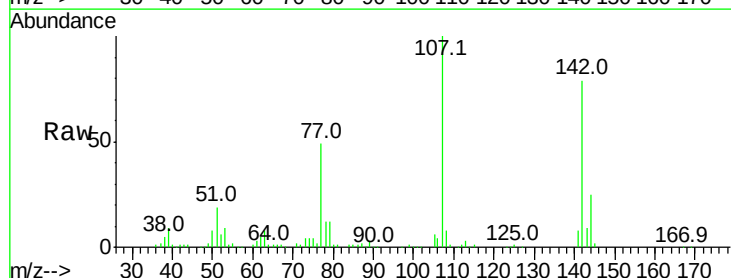
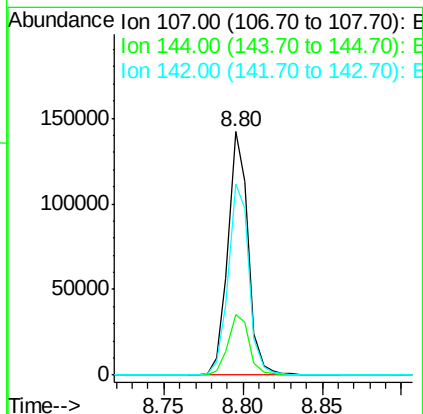
RT: 8.80 min Scan# 1098

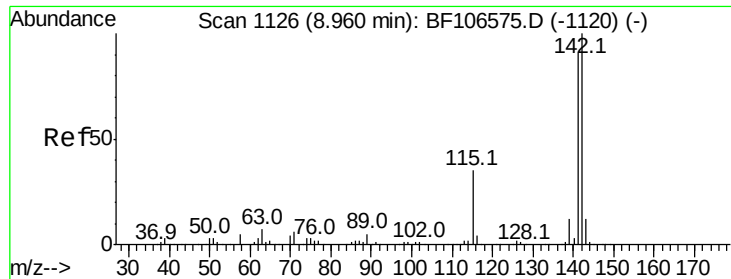
Delta R.T. -0.01 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:	107	Resp:	126380
Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.5	30.7
142	78.7	62.0	93.0





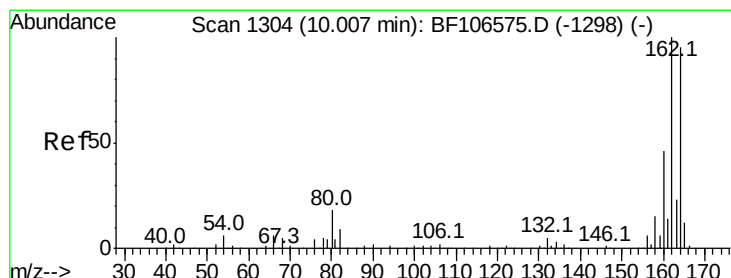
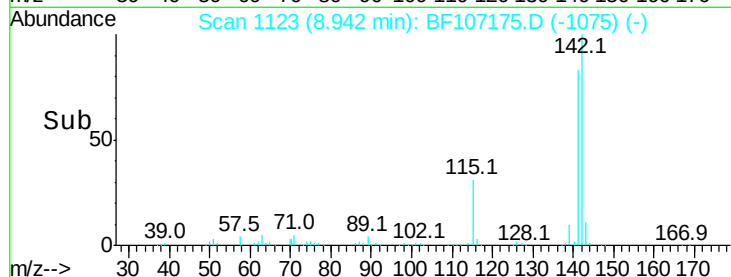
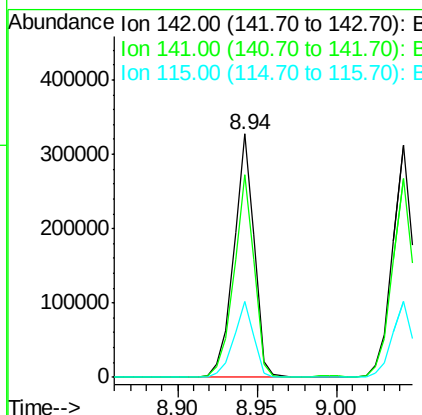
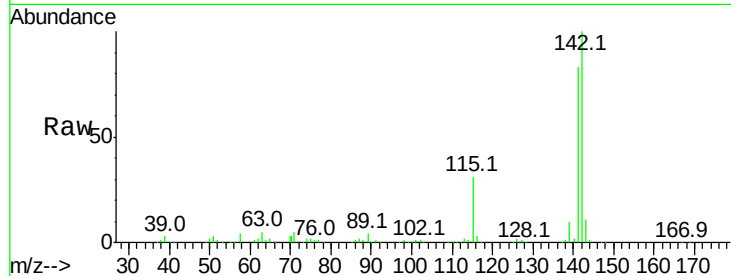
#37
2-Methylnaphthalene
Concen: 37.885 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.3	70.8	106.2
115	31.3	26.1	39.1

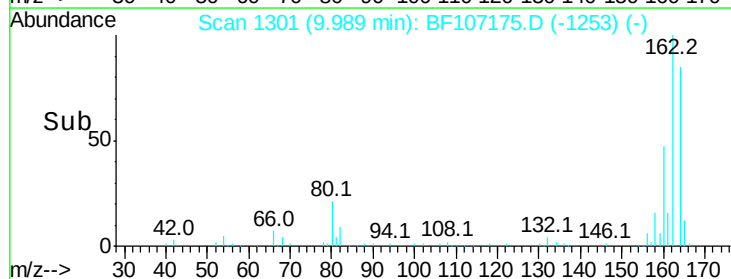
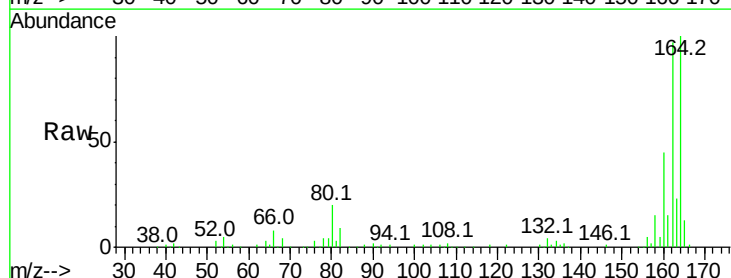
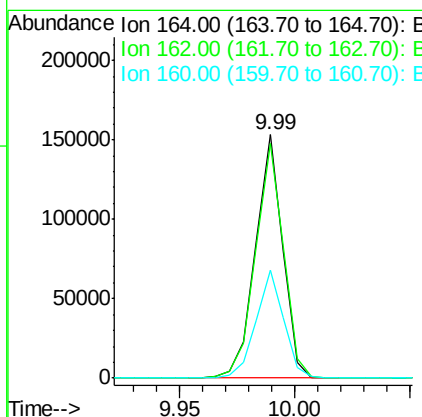
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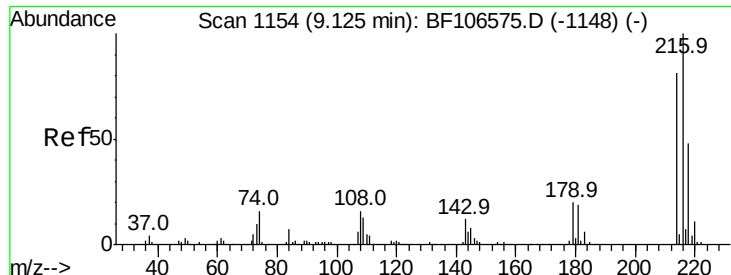
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.1	129.1
160	44.6	38.3	57.5





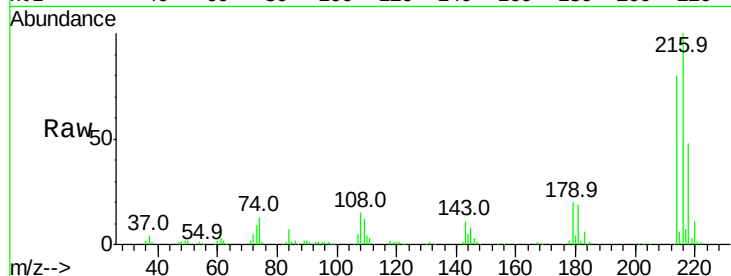
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.394 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

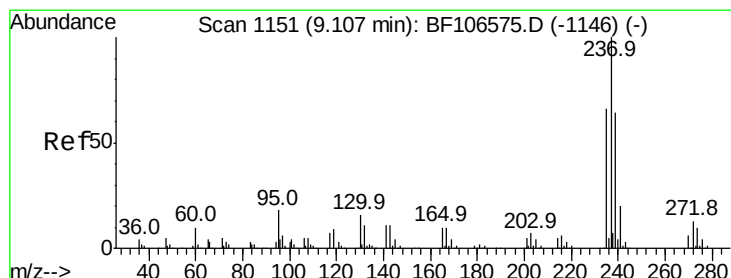
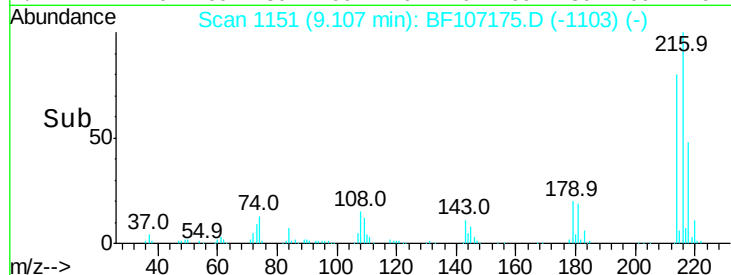
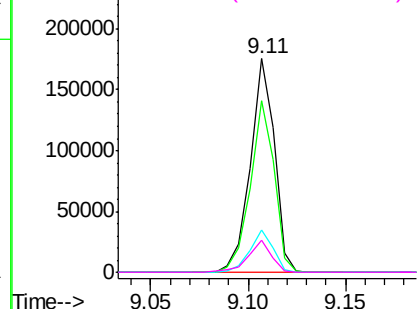
Tot Ion	Ratio	Resp	Lower	Upper
216	100	150937		
214	79.5	63.0	94.4	
179	19.0	18.1	27.1	
108	14.5	17.2	25.8	

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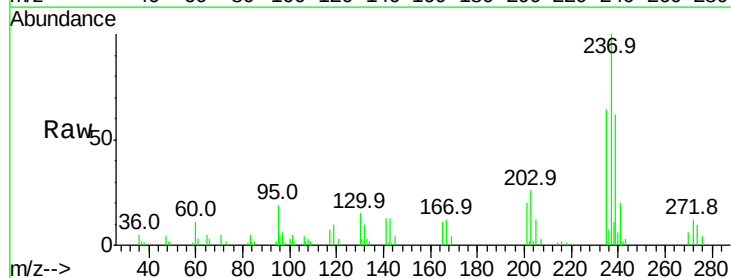


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

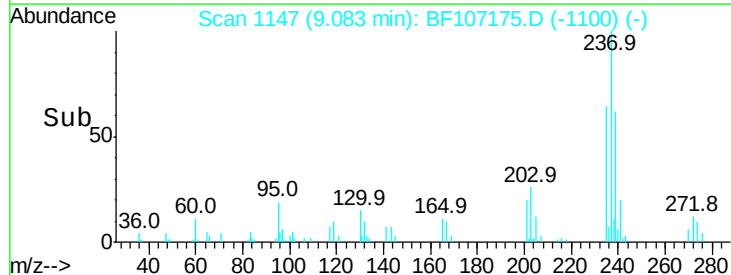
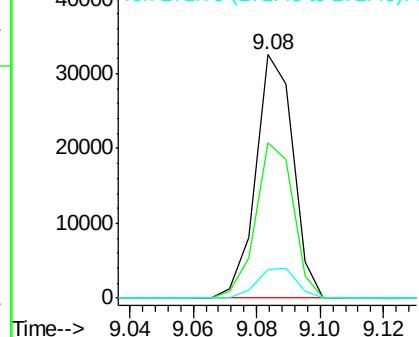


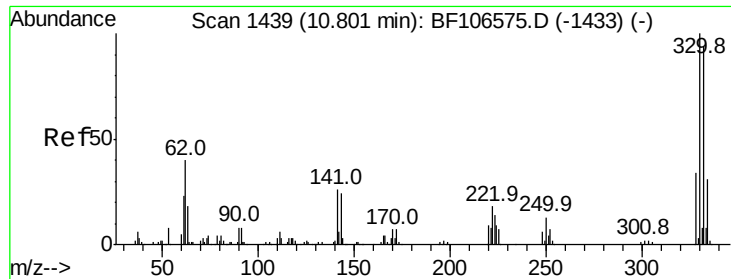
#40
 Hexachlorocyclopentadiene
 Concen: 12.130 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	26613		
235	64.0	44.8	84.8	
272	11.9	0.0	33.3	



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





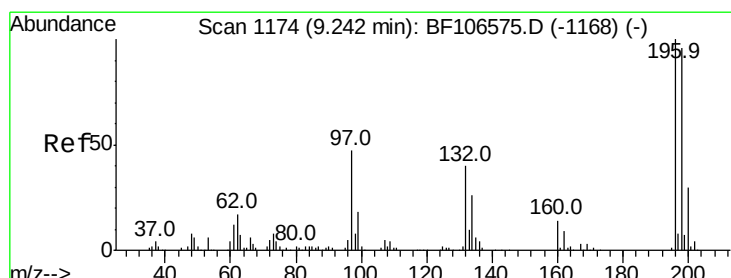
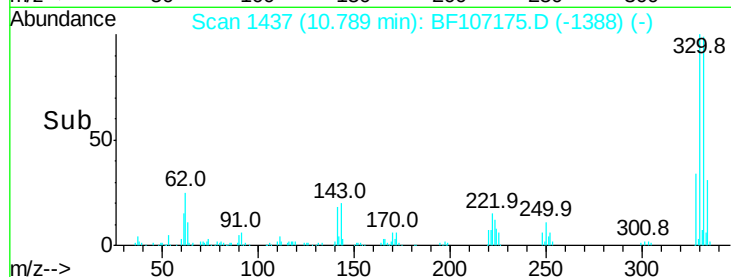
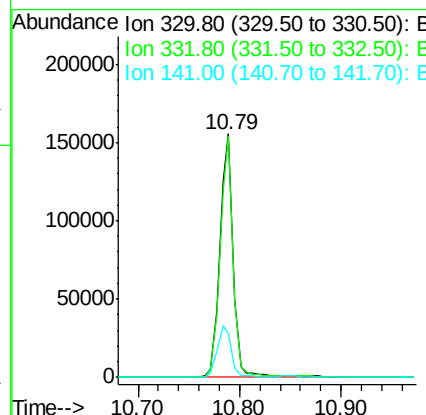
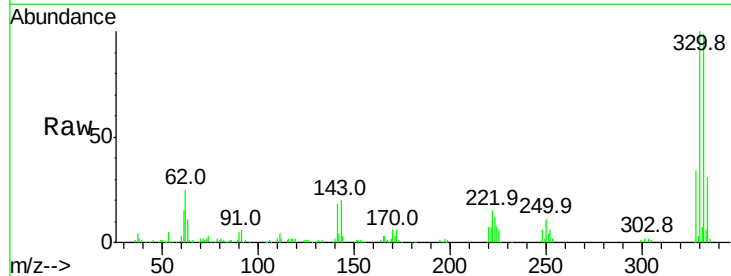
#41
 2,4,6-Tribromophenol
 Concen: 97.298 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	22.5	29.9	44.9	

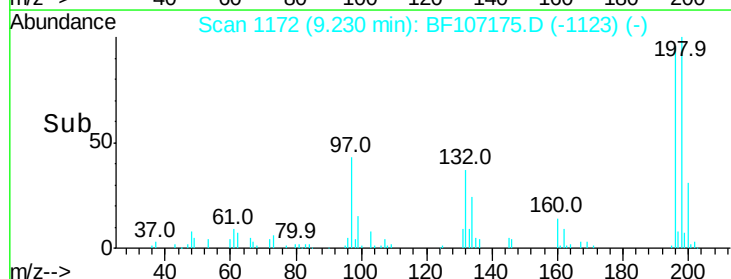
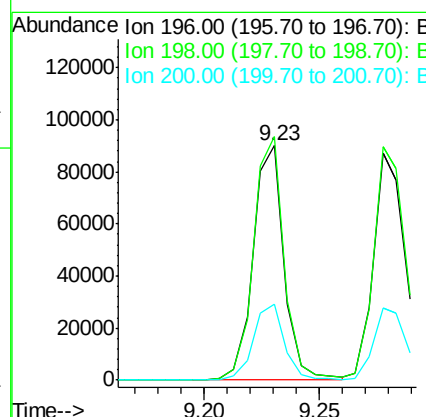
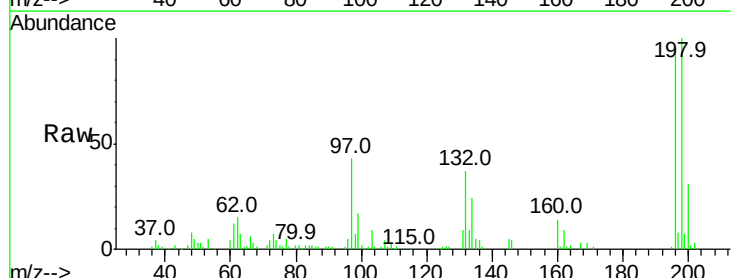
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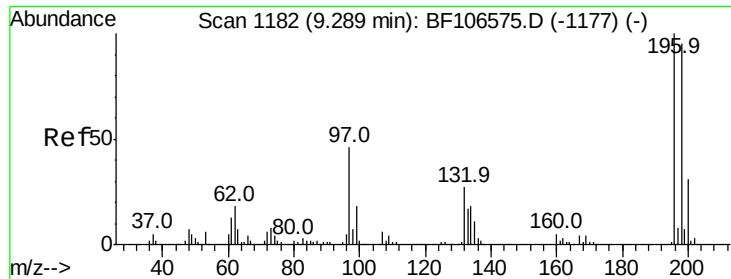
Sohil
 7/9/2018 1:58:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 29.757 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.9	75.7	113.5	
200	32.6	24.5	36.7	





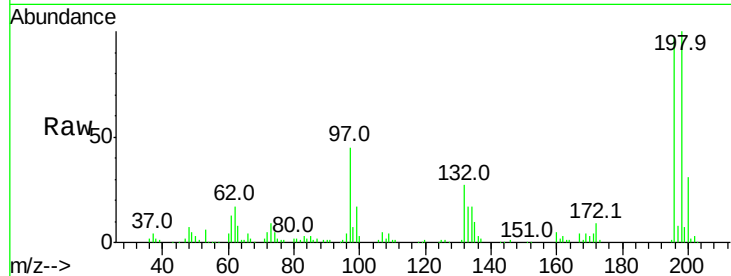
#43
 2,4,5-Trichlorophenol
 Concen: 29.884 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	88392		
198	102.8		74.6	112.0
97	45.8		42.9	64.3
132	27.6		26.3	39.5

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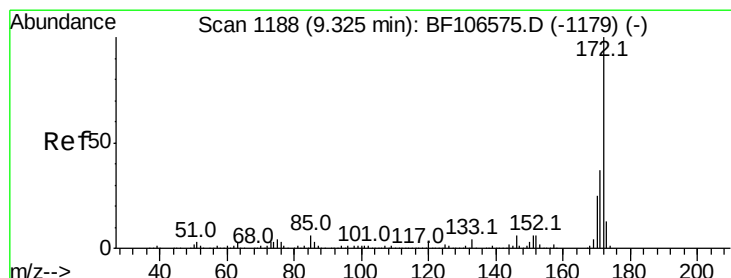
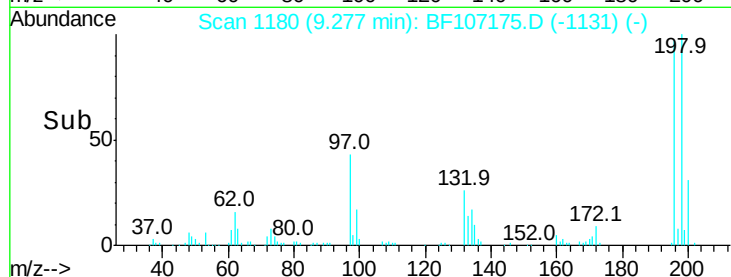
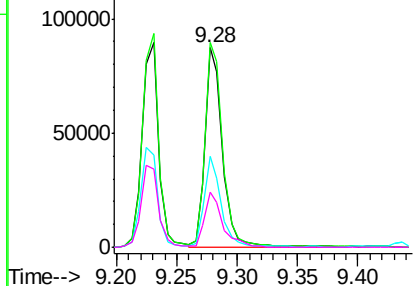
Abundance

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: 65.750 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

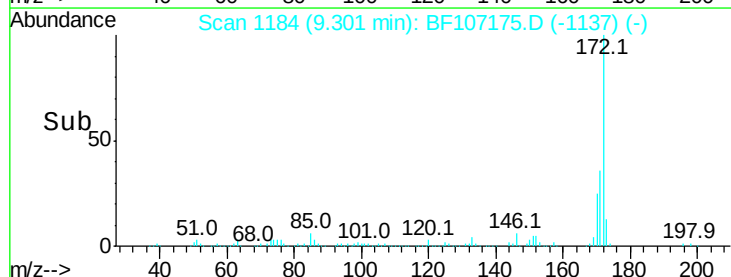
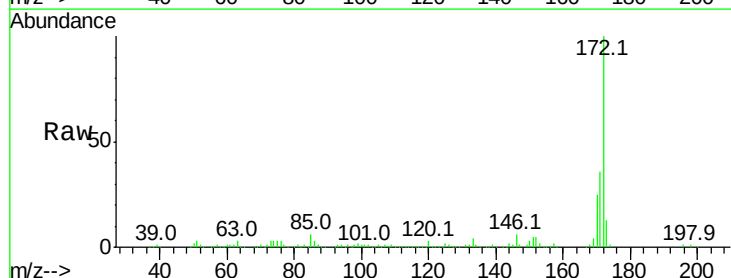
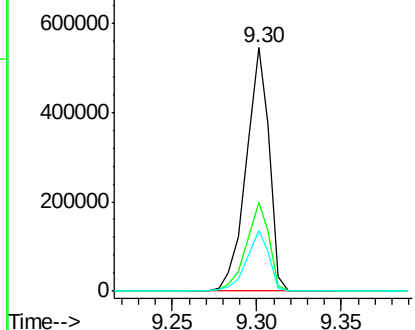
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	516881		
171	36.3		29.7	44.5
170	24.8		19.6	29.4

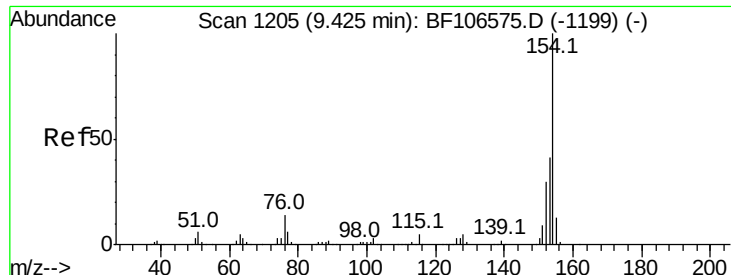
Abundance

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





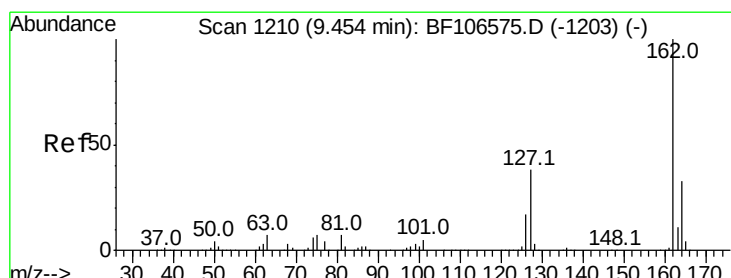
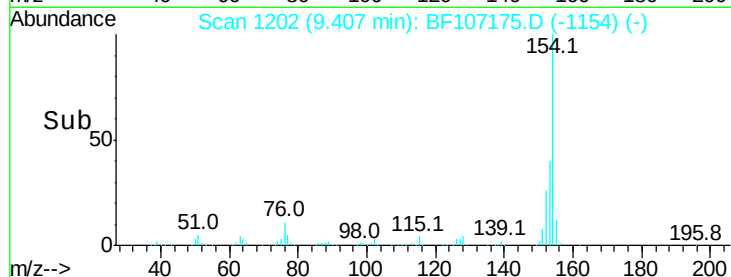
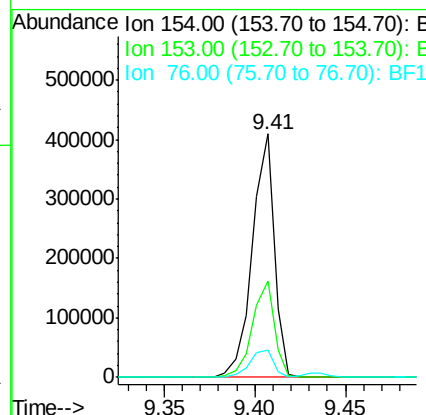
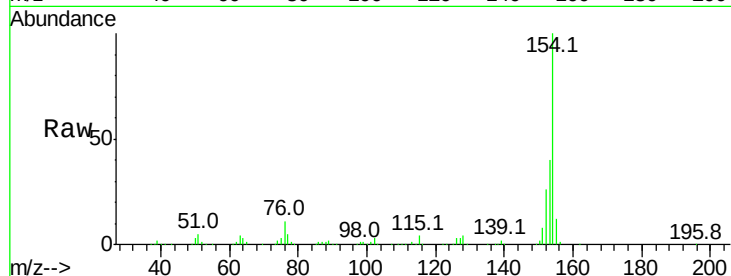
#45
 1,1'-Biphenyl
 Concen: 34.168 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.6	21.3	61.3	
76	11.0	0.0	34.0	

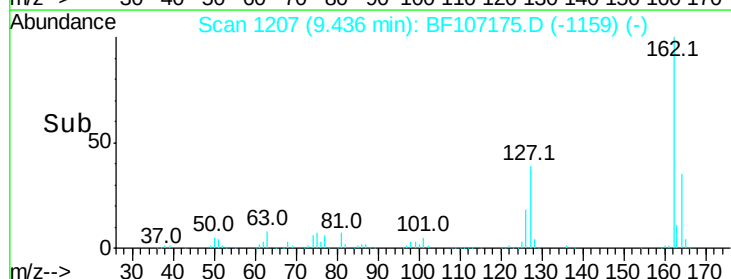
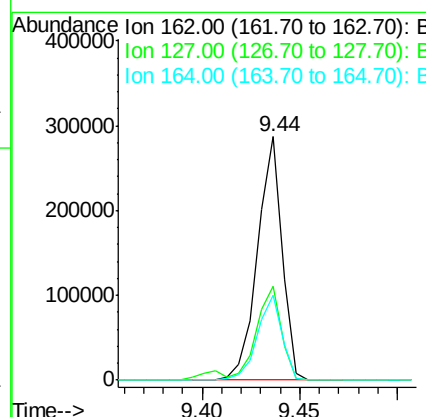
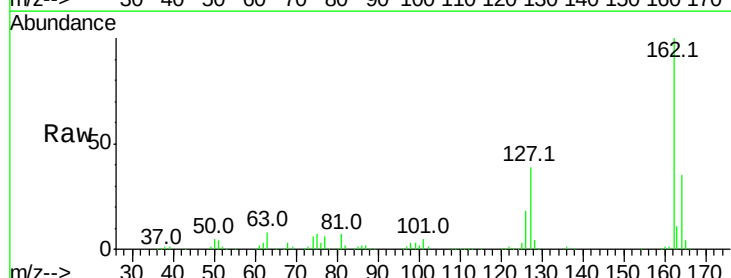
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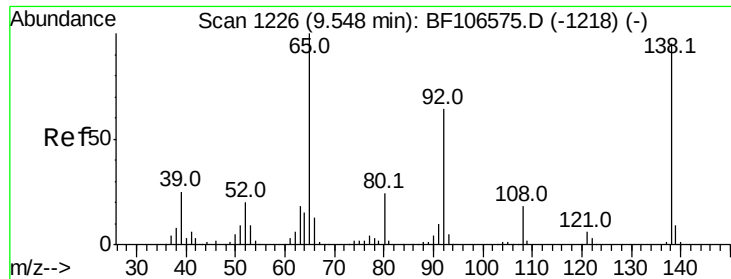
Sohil
 7/9/2018 1:58:17 PM



#46
 2-Chloronaphthalene
 Concen: 31.560 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.8	33.9	50.9	
164	34.7	26.5	39.7	





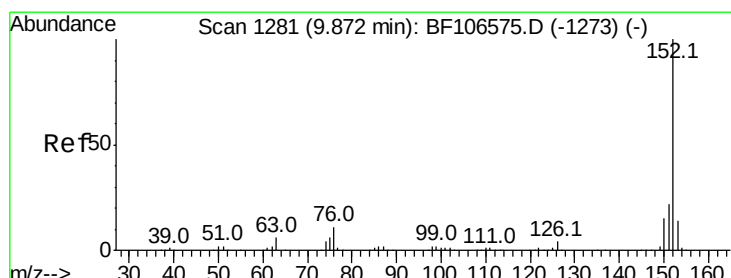
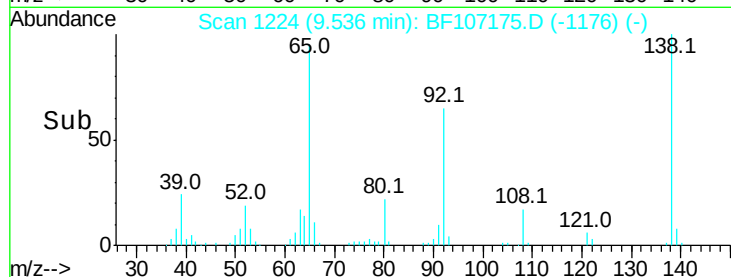
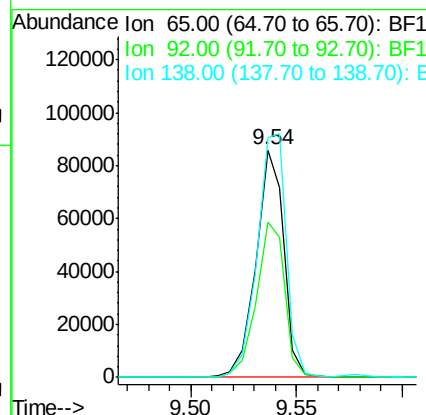
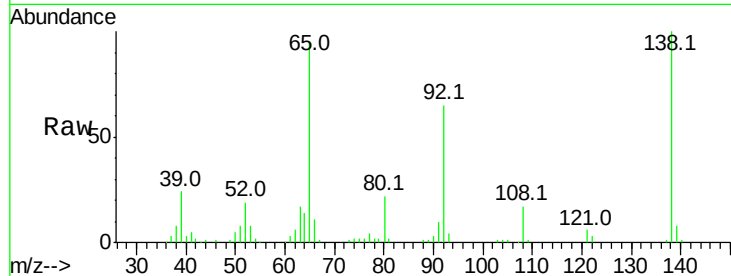
#47
2-Nitroaniline
Concen: 29.525 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.8	83.6
138	105.5	91.2	136.8

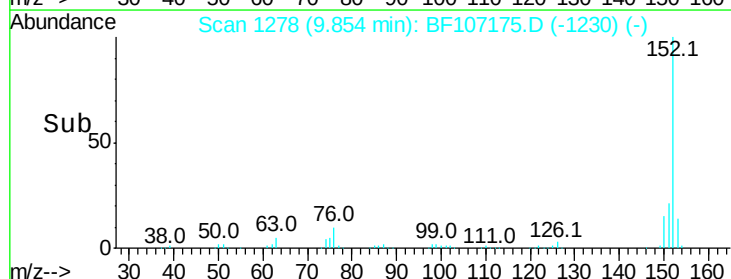
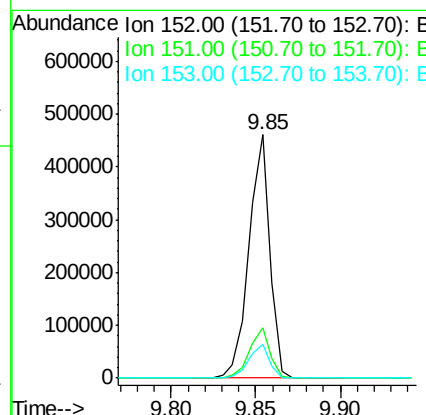
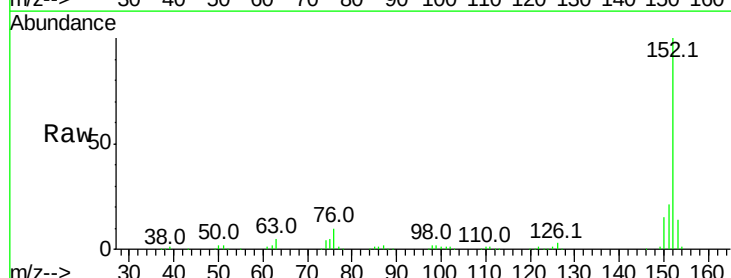
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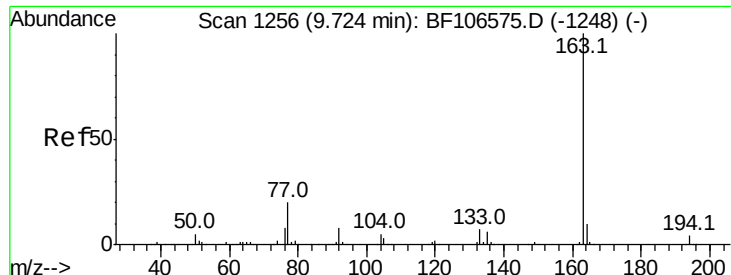
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#48
Acenaphthylene
Concen: 31.716 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.1	10.7	16.1





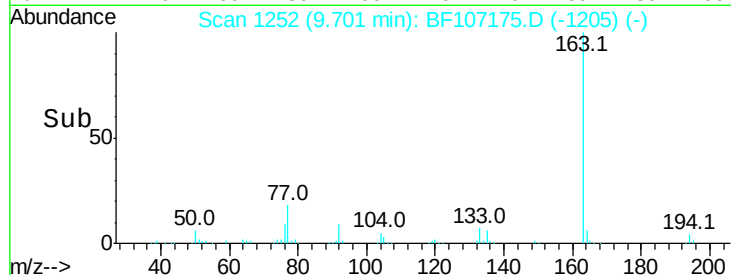
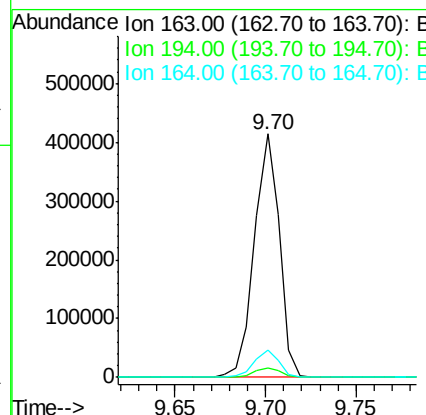
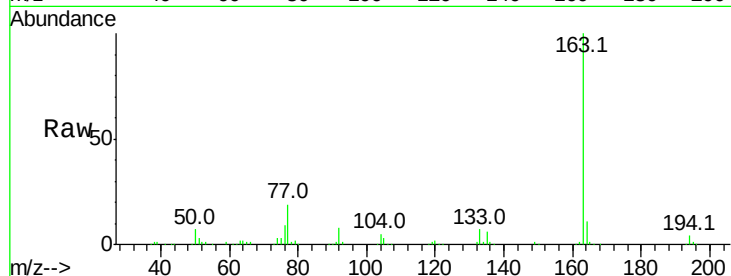
#49
Dimethylphthalate
Concen: 41.956 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.3	8.2	12.2	

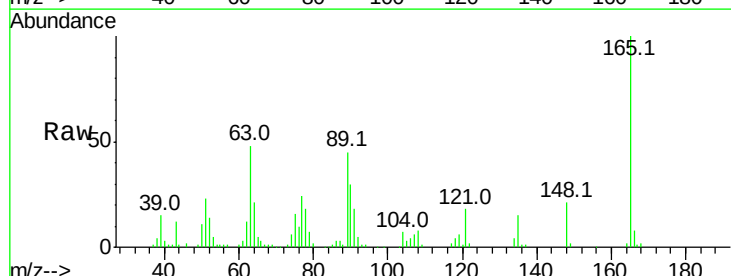
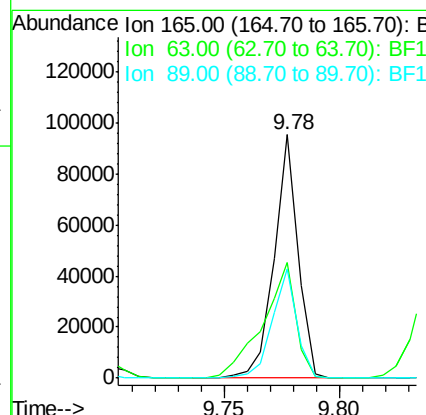
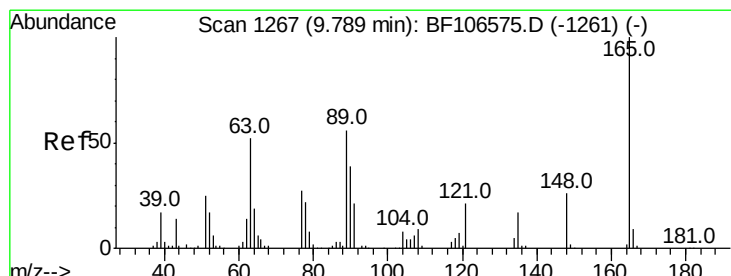
Manual Integrations
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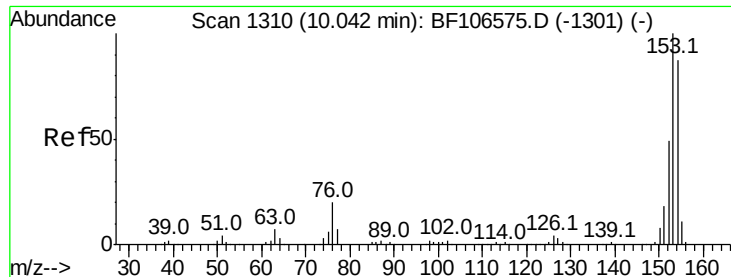
Sohil
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#50
2,6-Dinitrotoluene
Concen: 34.169 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.5	44.7	67.1	
89	44.8	44.0	66.0	





#51

Acenaphthene

Concen: 30.628 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

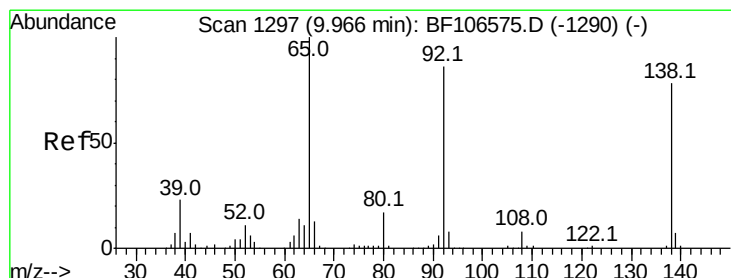
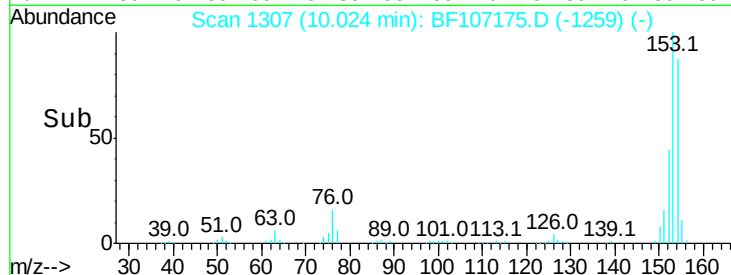
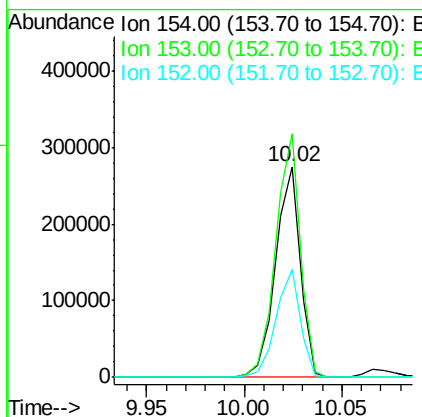
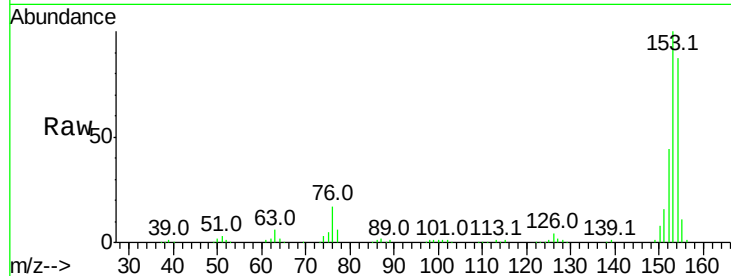
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:	154	Resp:	241879
Ion Ratio	Lower	Upper	
154	100		
153	115.5	91.2	136.8
152	51.3	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 18.024 ng

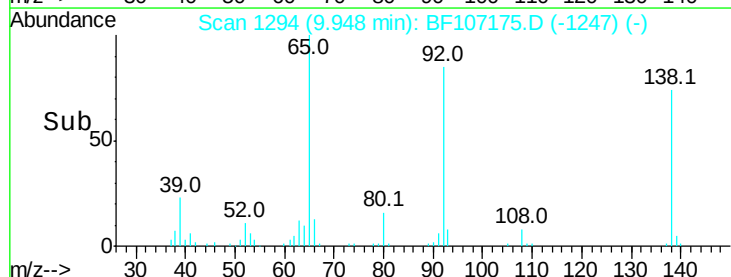
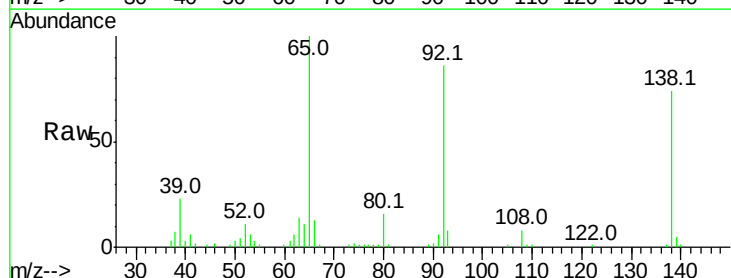
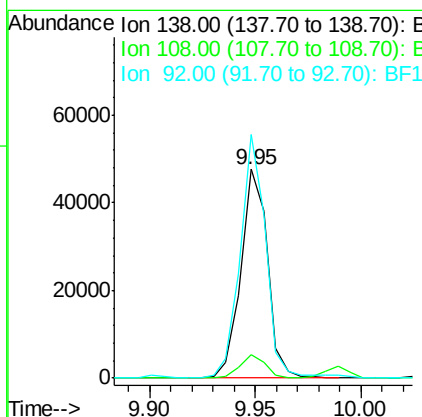
RT: 9.95 min Scan# 1294

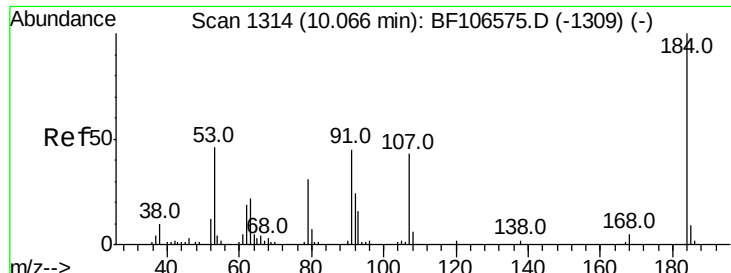
Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:	138	Resp:	41712
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	116.7	89.4	134.2





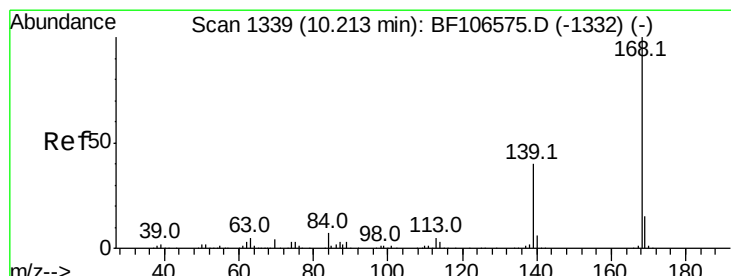
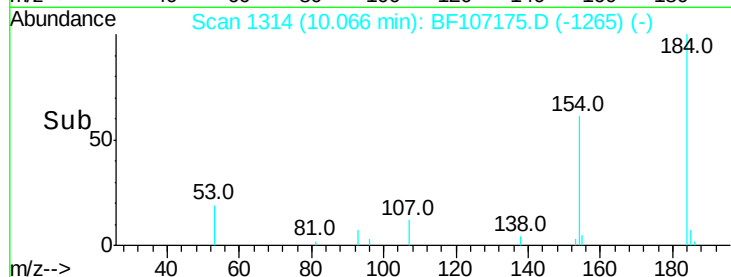
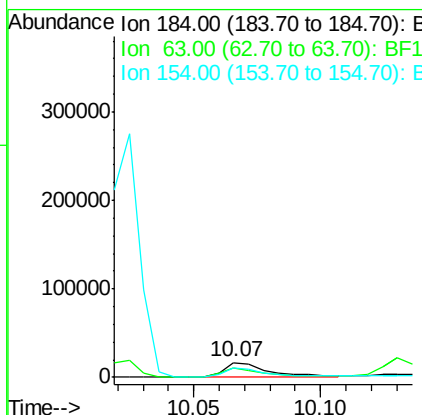
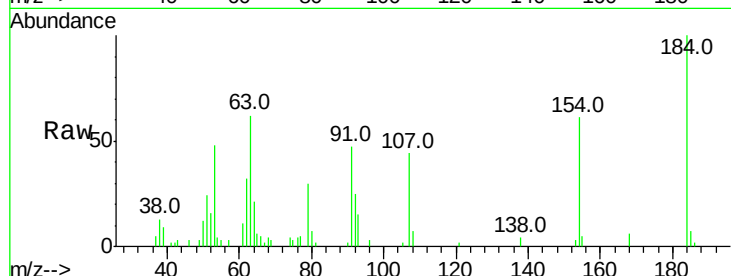
#53
 2,4-Dinitrophenol
 Concen: 24.561 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.9	54.2	81.2
154	60.9	184.0	276.0#

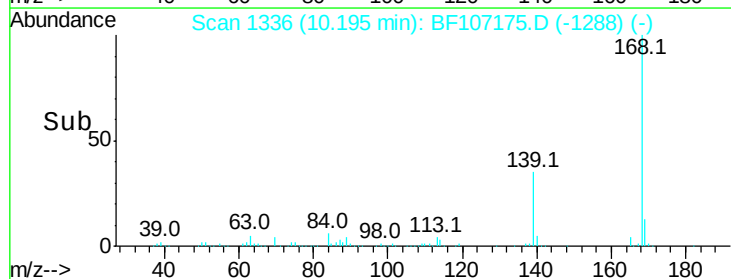
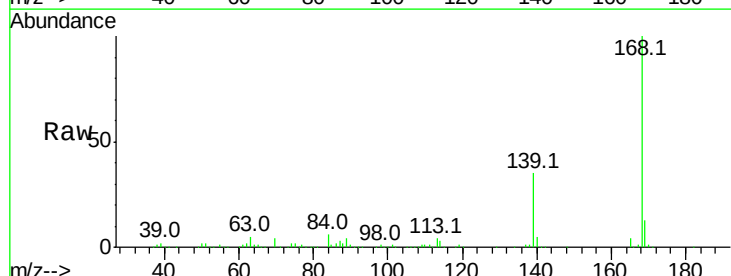
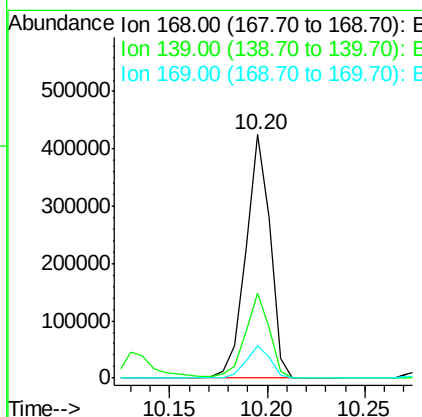
Manual Integrations
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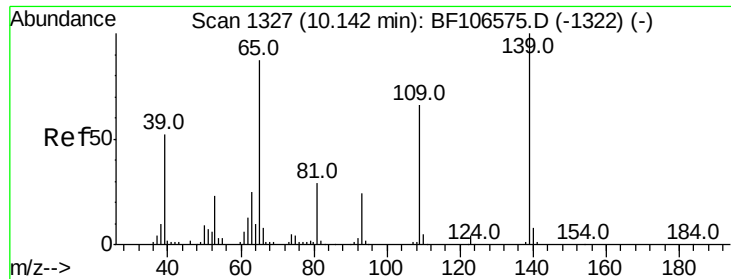
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#54
 Dibenzofuran
 Concen: 33.833 ng
 RT: 10.20 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.1	45.1
169	13.1	10.9	16.3





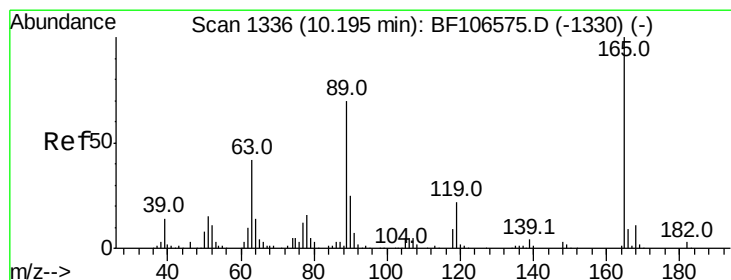
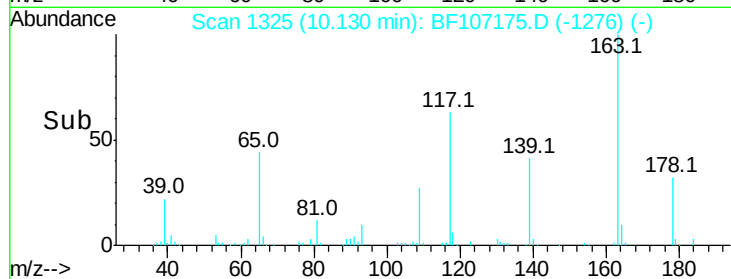
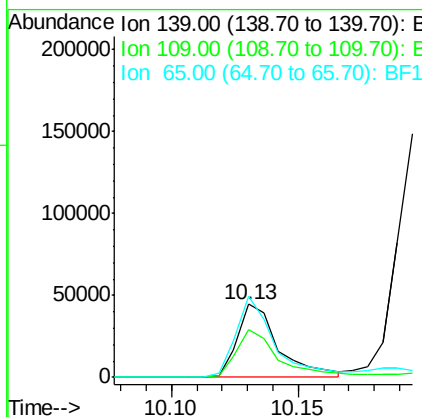
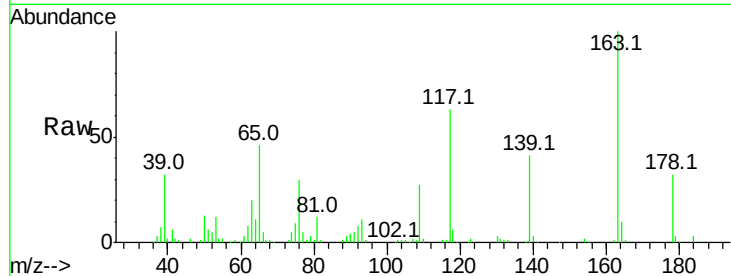
#55
4-Nitrophenol
Concen: 31.375 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.8	48.4	88.4
65	111.4	72.6	112.6

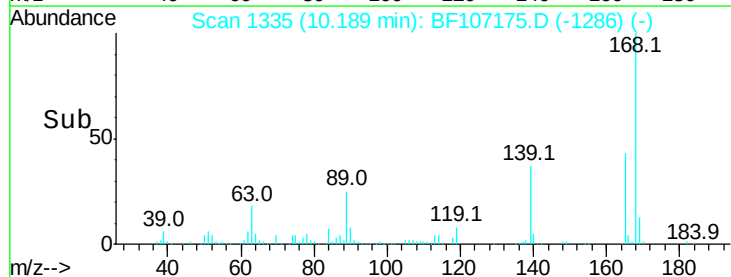
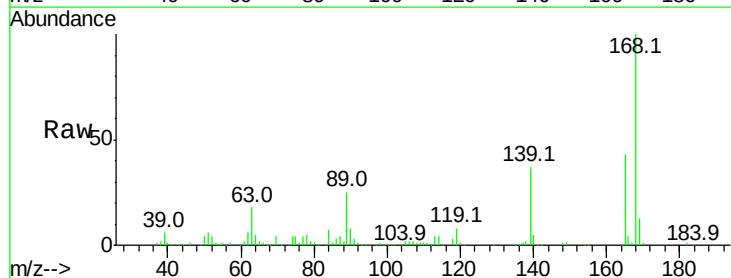
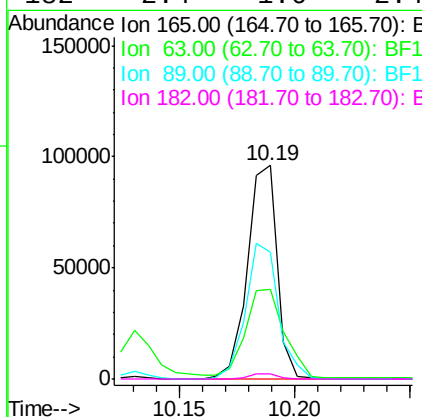
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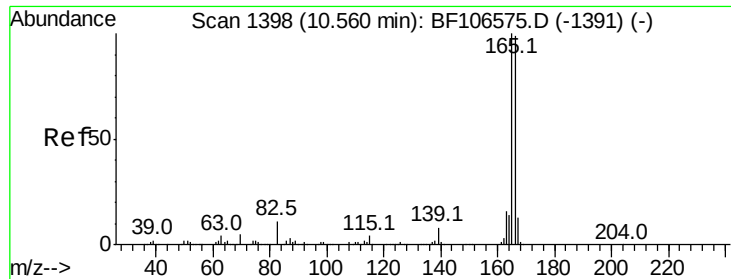
Sohil
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#56
2,4-Dinitrotoluene
Concen: 33.000 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.8	36.4	54.6
89	59.4	57.8	86.6
182	2.4	1.6	2.4





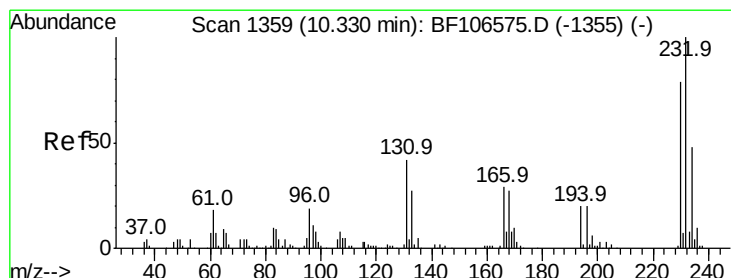
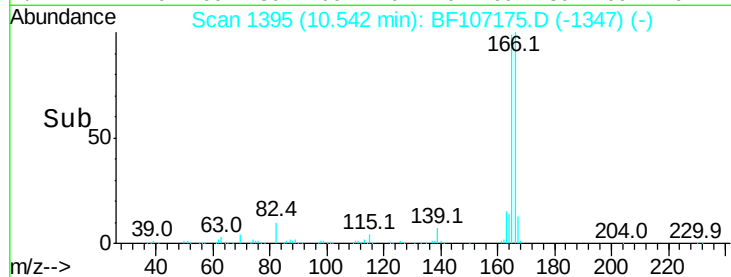
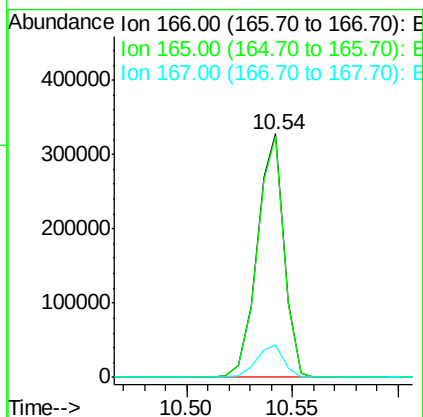
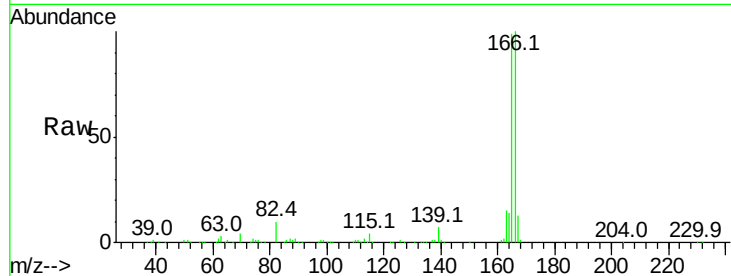
#57
 Fluorene
 Concen: 33.713 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	289298		
165	99.3	79.8	119.8	
167	13.2	10.6	16.0	

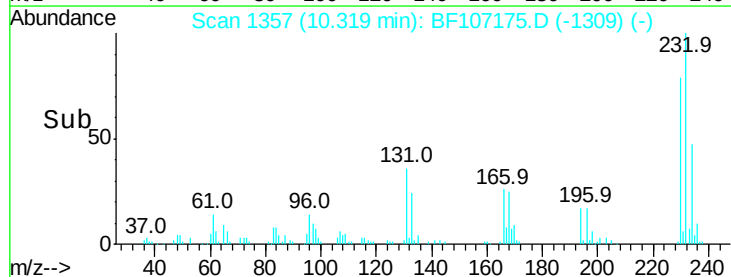
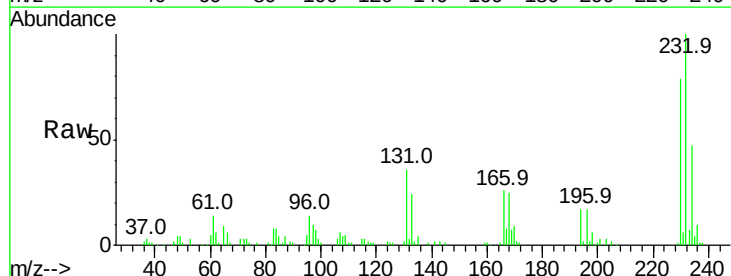
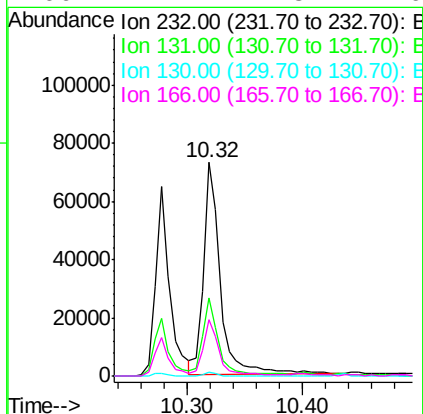
Manual Integrations
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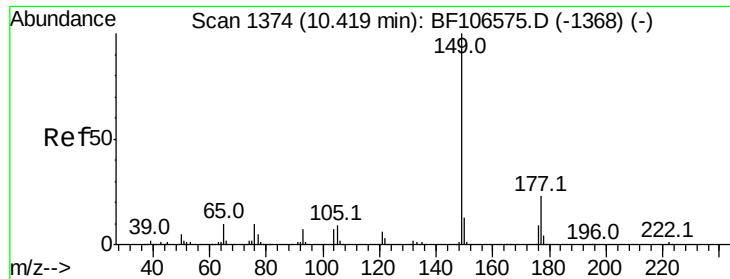
Sohil
 7/9/2018 1:58:17 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.065 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	75393		
131	32.3	43.8	65.8#	
130	1.2	2.1	3.1#	
166	24.1	27.8	41.6#	





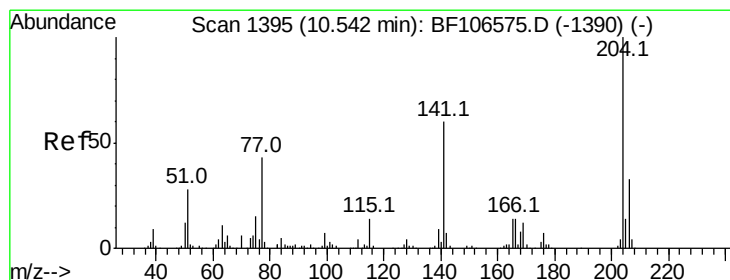
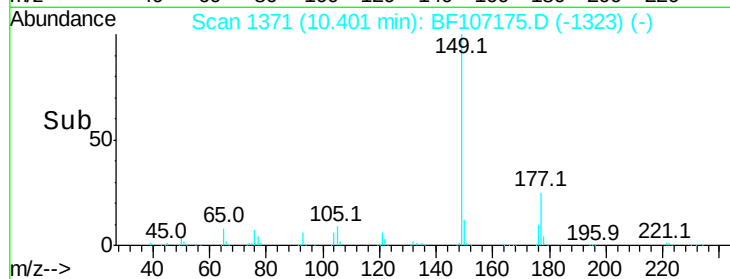
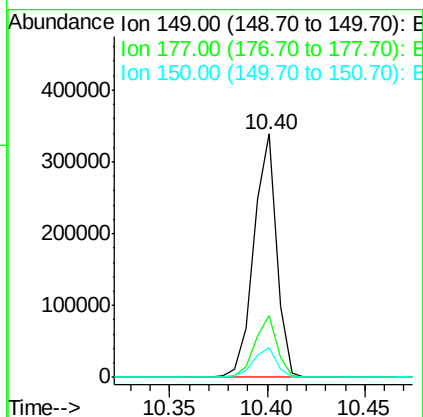
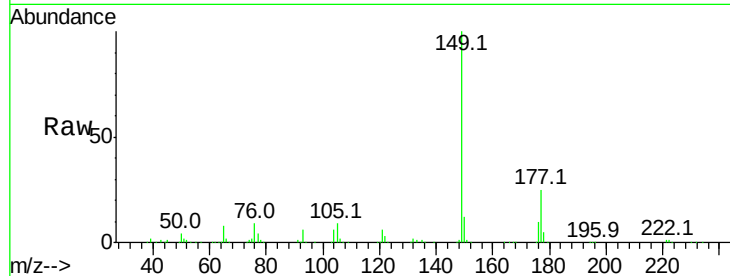
#59
Diethylphthalate
Concen: 29.865 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	273757		
177	25.1	16.1	24.1#	
150	12.4	10.1	15.1	

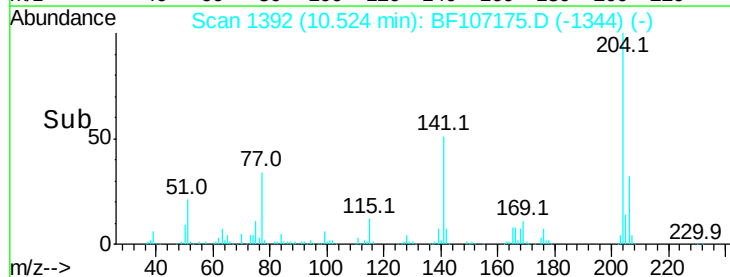
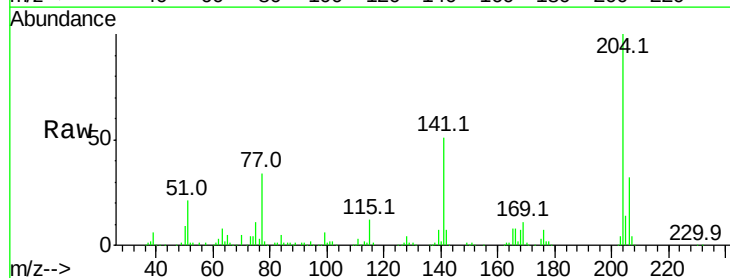
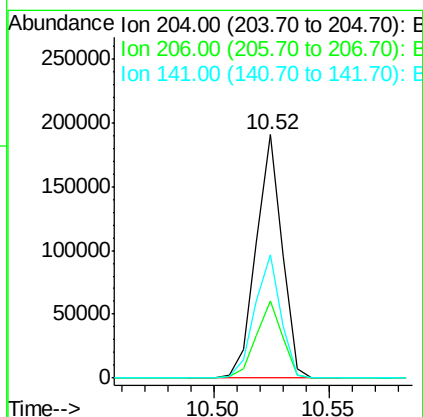
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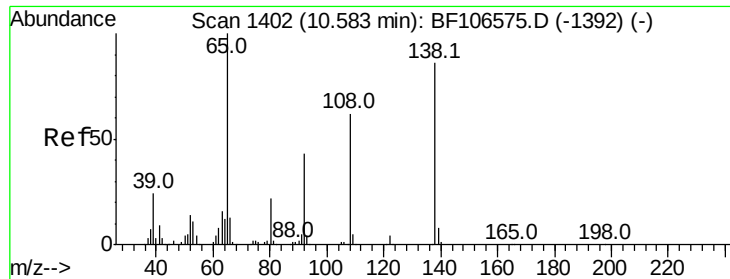
Sohil
7/9/2018 1:58:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.372 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	149840		
206	31.7	26.5	39.7	
141	50.8	54.6	81.8#	





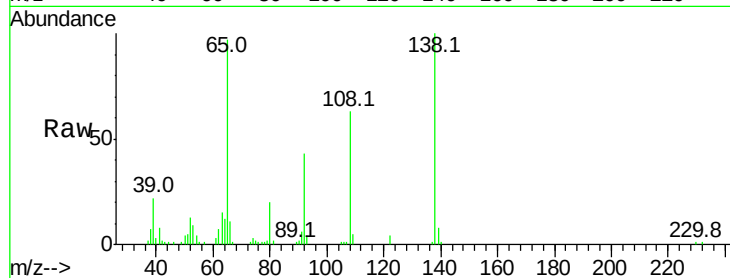
#61
4-Nitroaniline
Concen: 25.792 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.1	30.2	70.2
108	63.4	52.5	92.5

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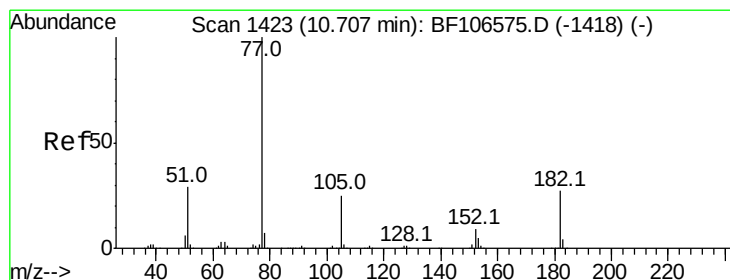
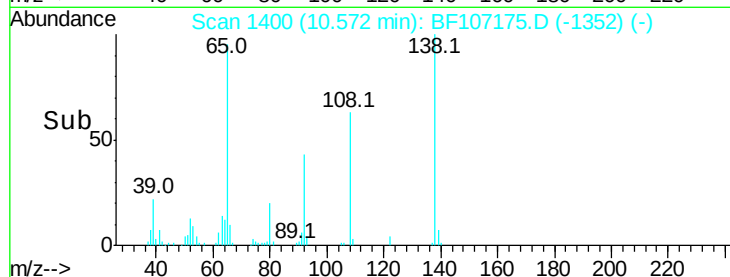
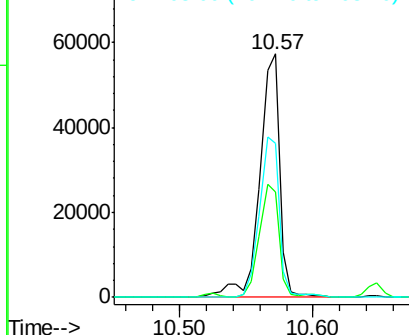


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 29.066 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.1	1.7	41.7
105	25.5	3.0	43.0
51	27.3	9.9	49.9

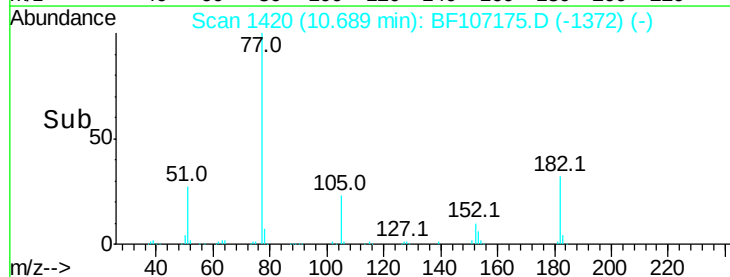
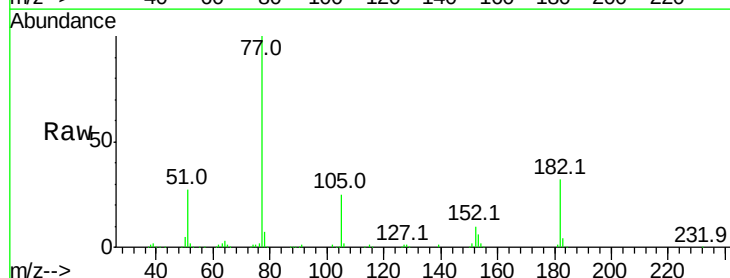
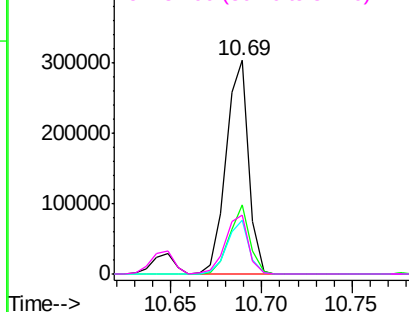
Abundance

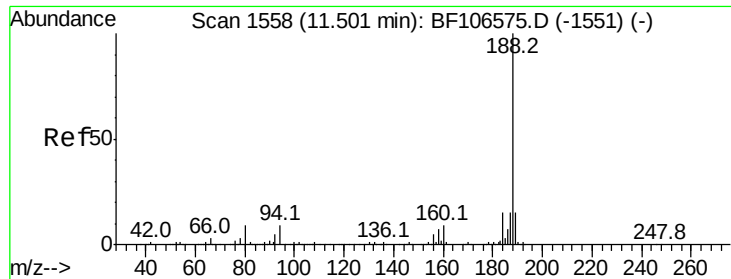
Ion 77.00 (76.70 to 77.70): BF1

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





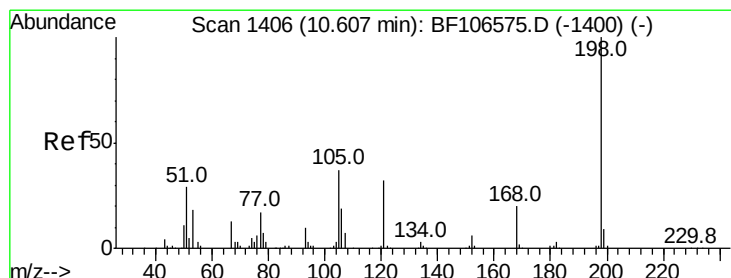
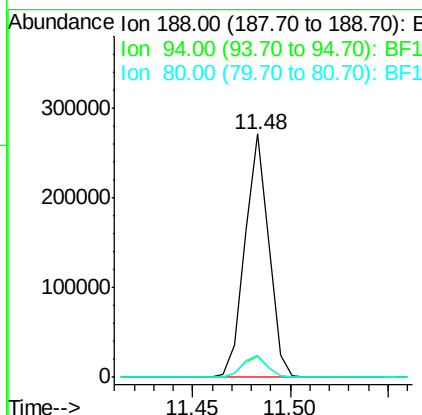
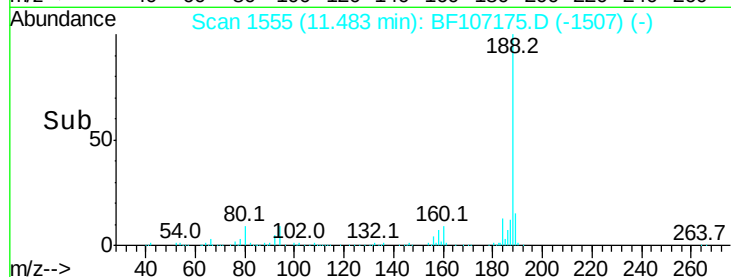
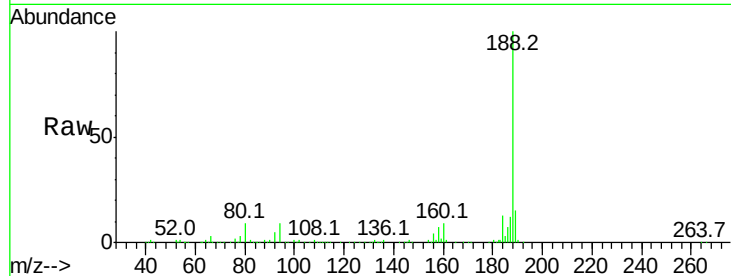
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.5	12.7
80	9.2	9.2	13.8#

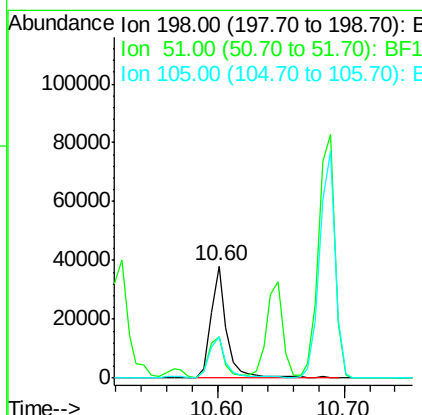
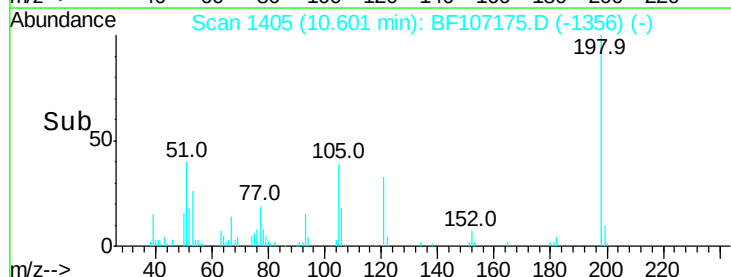
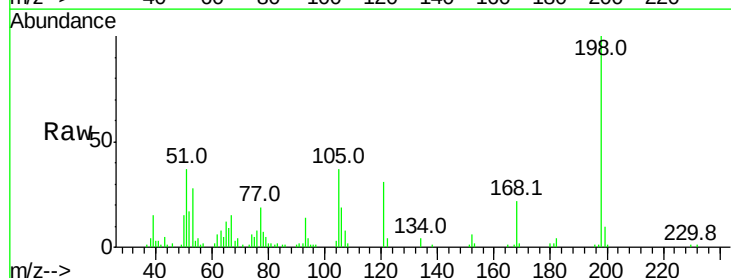
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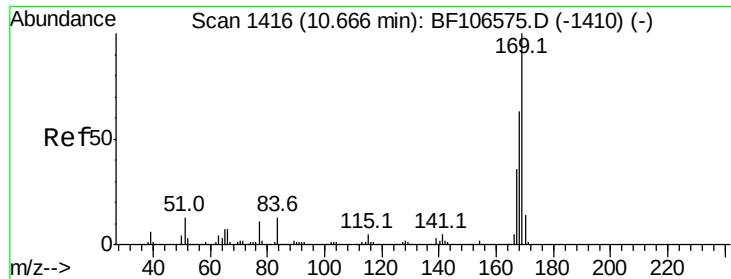
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#64
4,6-Dinitro-2-methylphenol
Concen: 23.562 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.4	37.7	77.7#
105	36.7	36.3	76.3





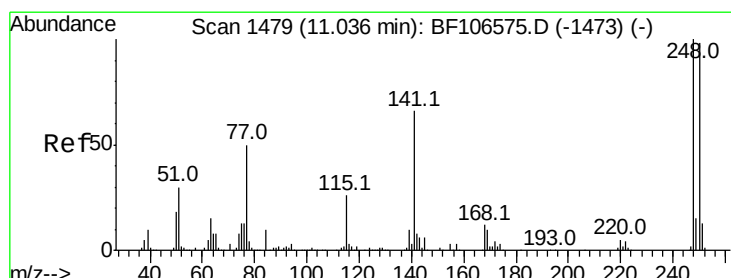
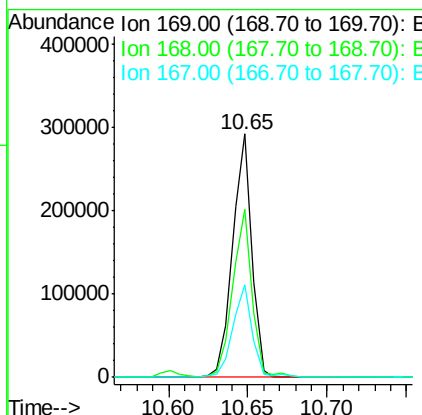
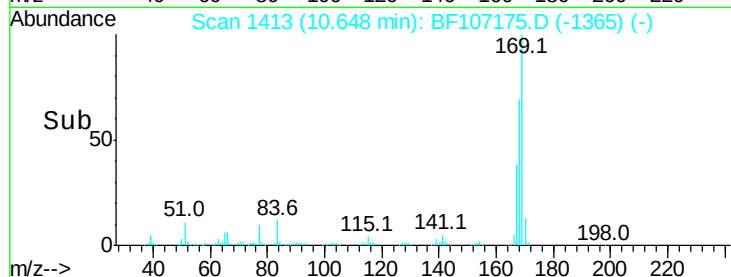
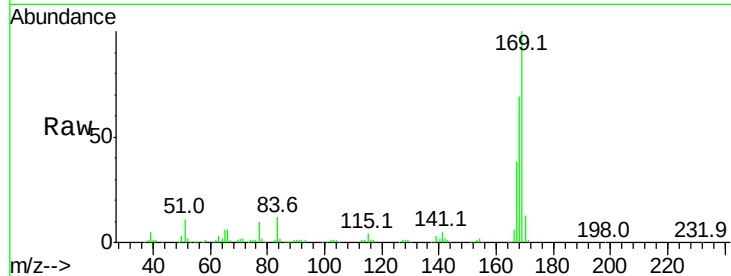
#65
n-Nitrosodiphenylamine
Concen: 31.793 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	245886		
168	69.0		54.4	81.6
167	37.9		29.8	44.6

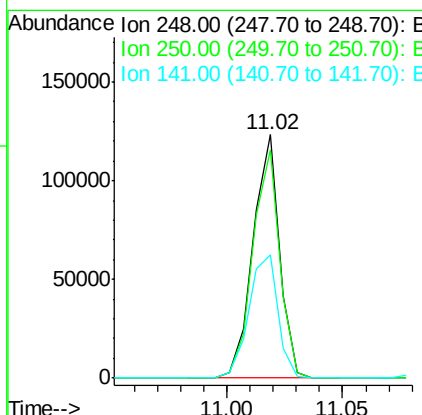
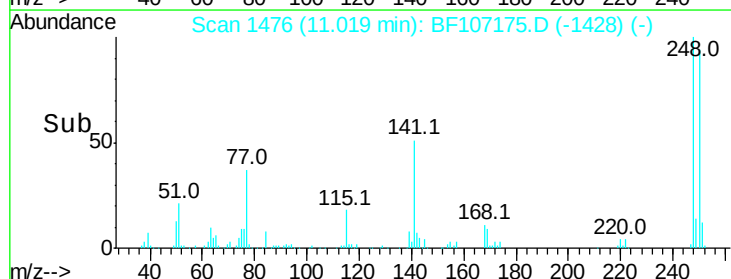
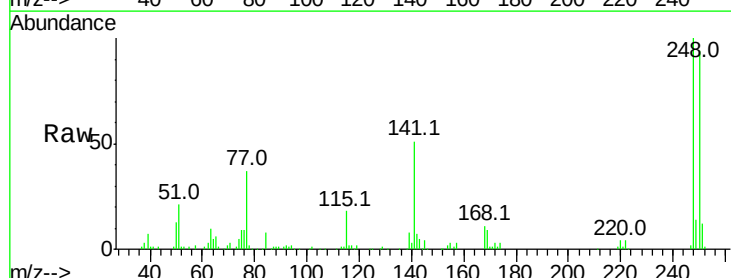
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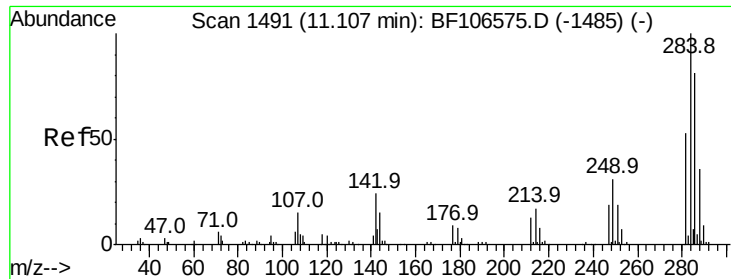
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#66
4-Bromophenyl-phenylether
Concen: 36.104 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	99076		
250	93.8		76.9	115.3
141	50.8		74.4	111.6#





#67

Hexachlorobenzene

Concen: 34.242 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

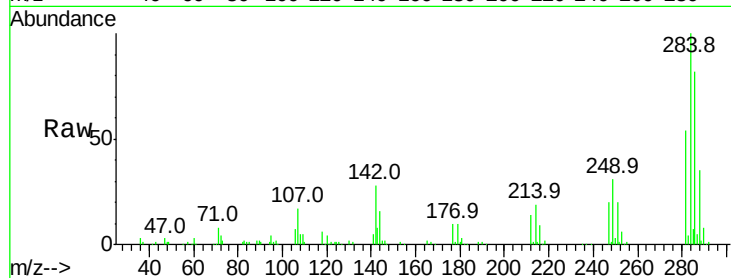
ClientSampleId :

FK-GF-03-005-AMSD

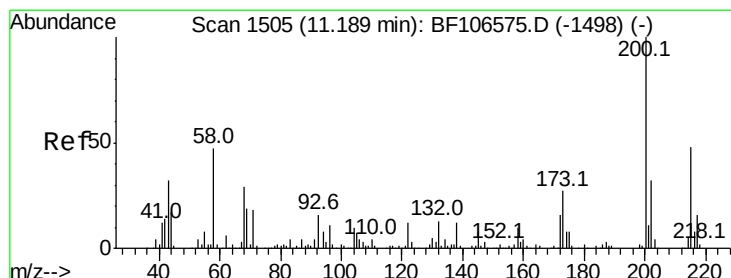
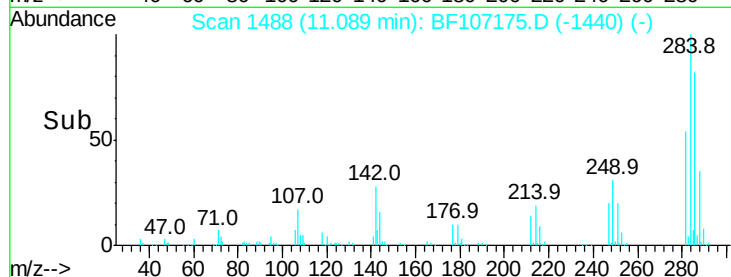
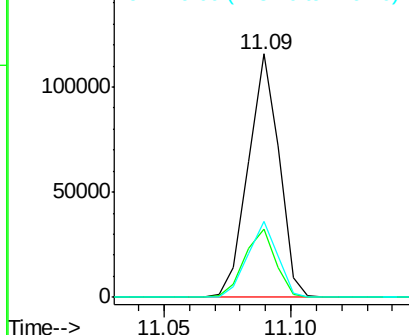
Tot Ion:	284	Resp:	98349
Ion Ratio	Lower	Upper	
284	100		
142	27.8	34.6	52.0#
249	31.4	24.8	37.2

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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: 35.178 ng

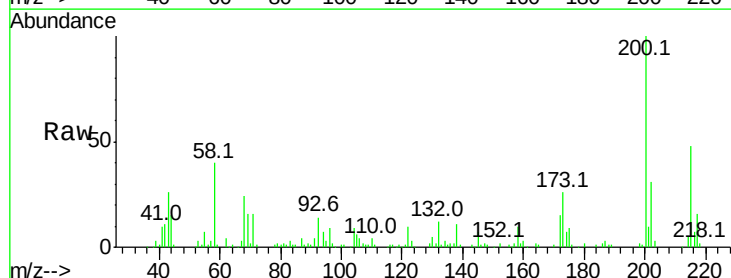
RT: 11.17 min Scan# 1502

Delta R.T. -0.02 min

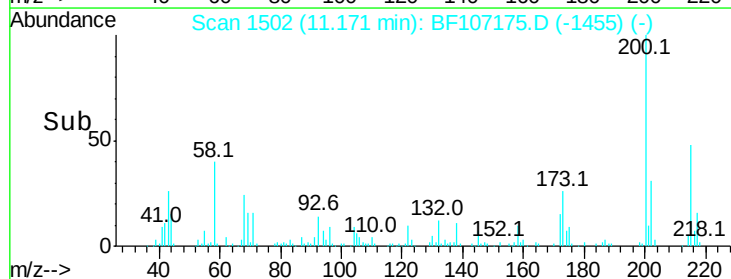
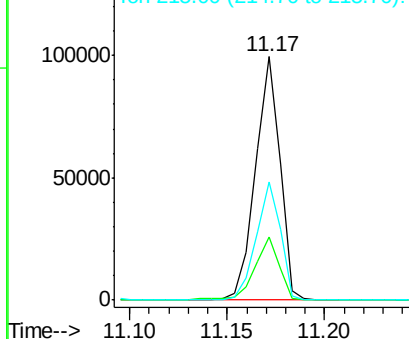
Lab File: BF107175.D

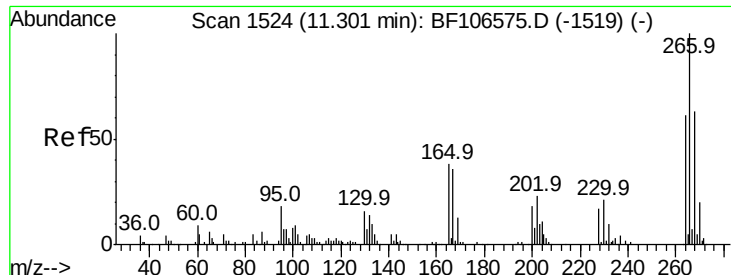
Acq: 6 Jul 2018 16:20

Tgt Ion:	200	Resp:	86491
Ion Ratio	Lower	Upper	
200	100		
173	26.0	8.6	48.6
215	48.4	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





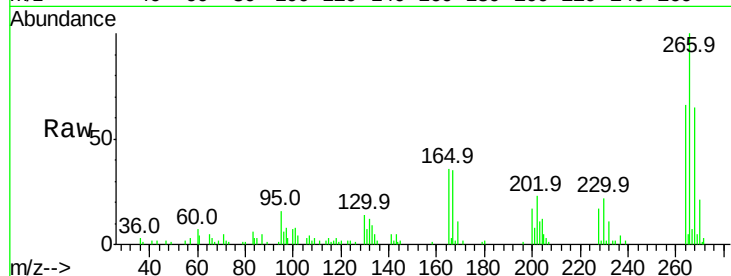
#69
 Pentachlorophenol
 Concen: 28.426 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

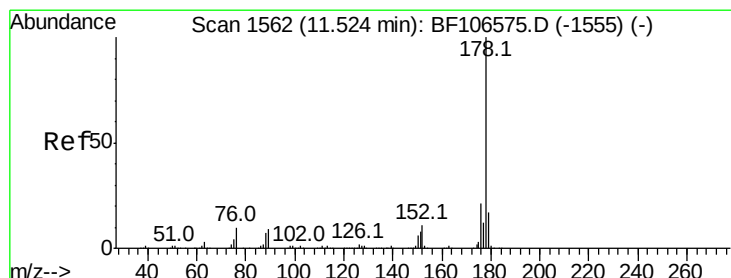
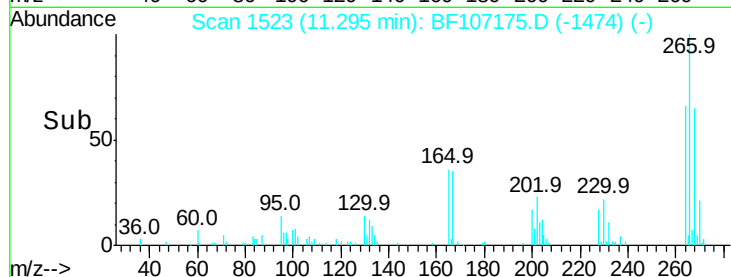
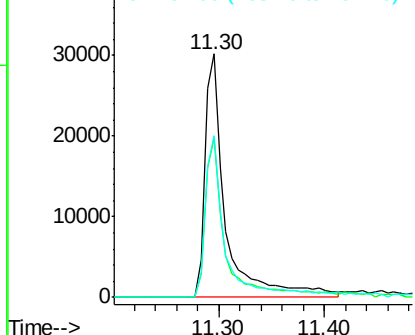
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	66.5	49.5	74.3

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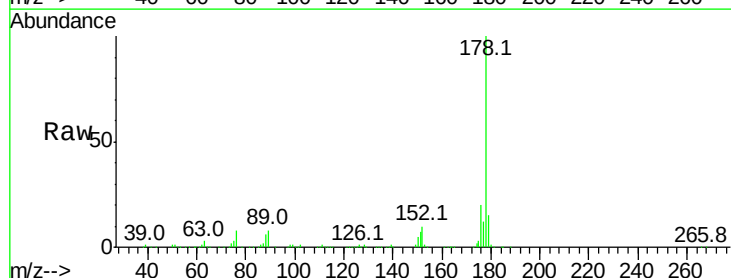


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

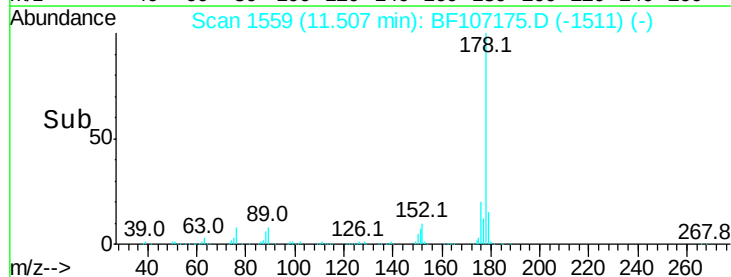
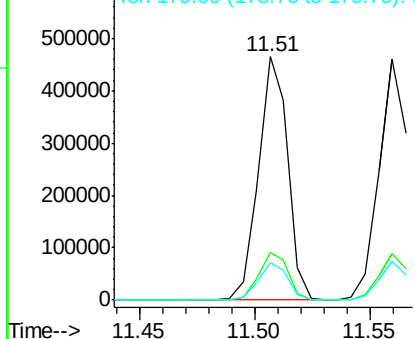


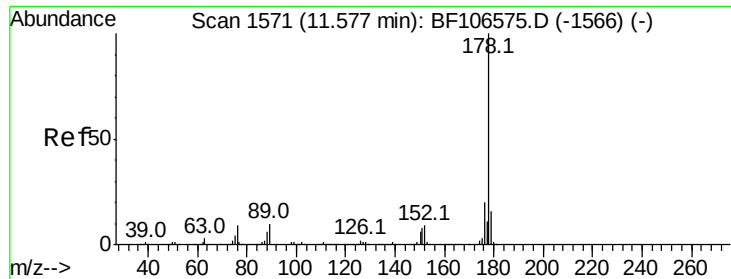
#70
 Phenanthrene
 Concen: 36.998 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6



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





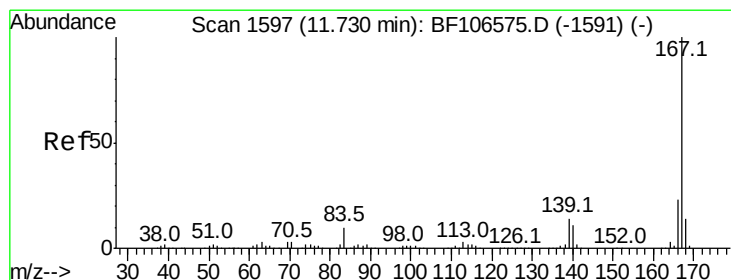
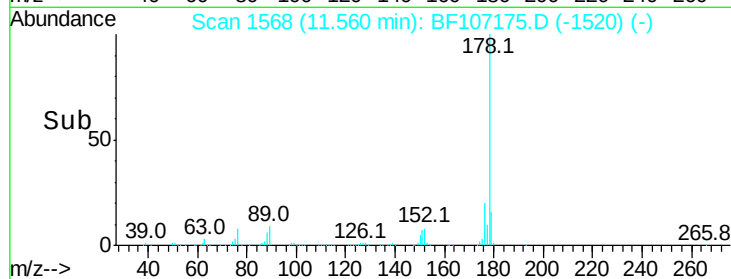
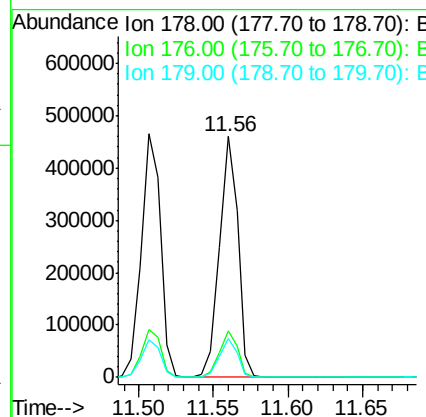
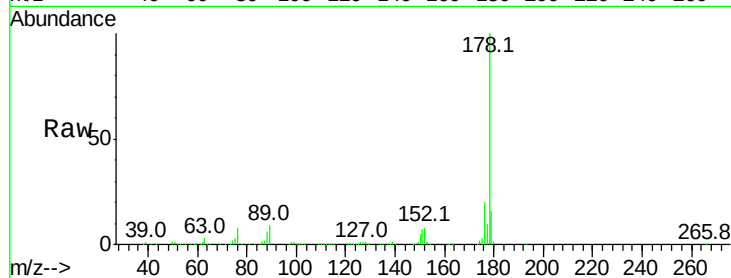
#71
 Anthracene
 Concen: 35.330 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.9	12.6	19.0

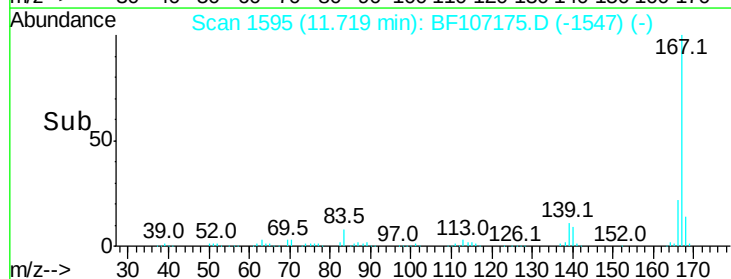
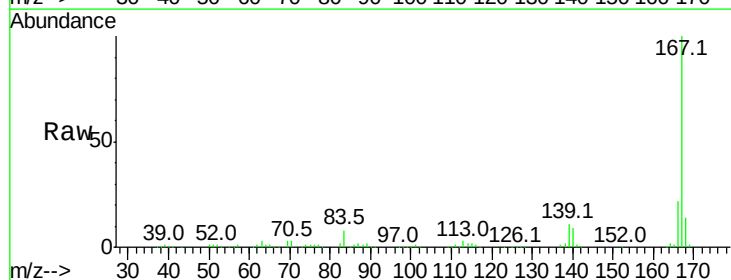
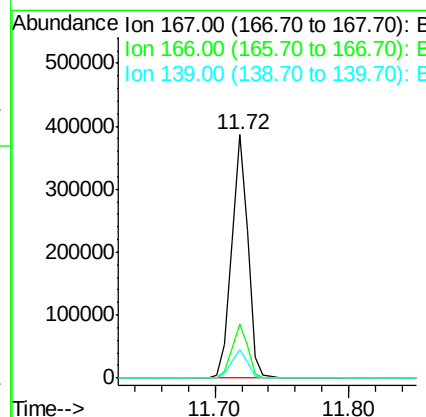
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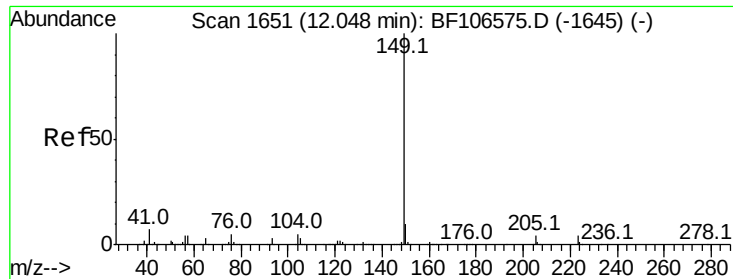
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#72
 Carbazole
 Concen: 31.513 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	11.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 30.900 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

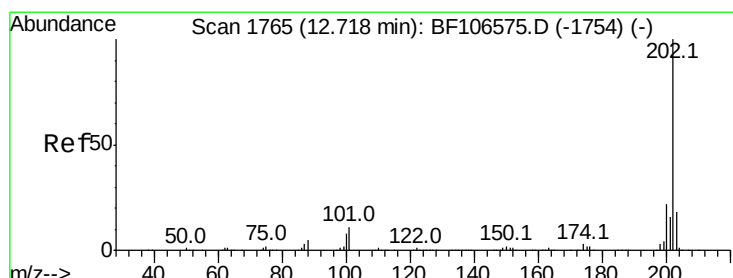
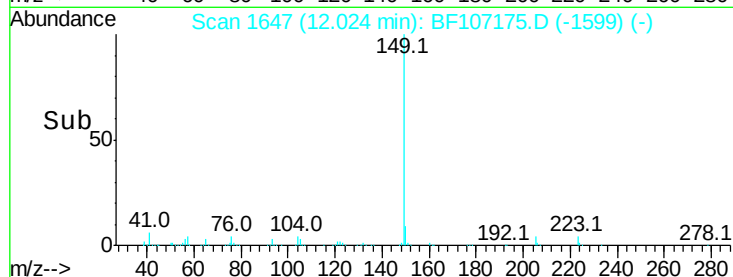
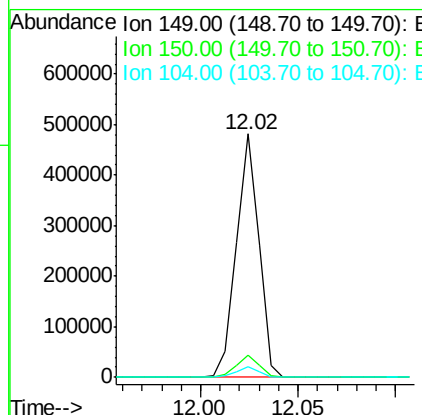
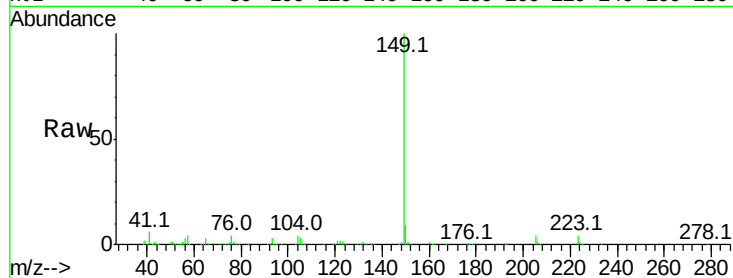
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:	149	Resp:	385801
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 32.005 ng

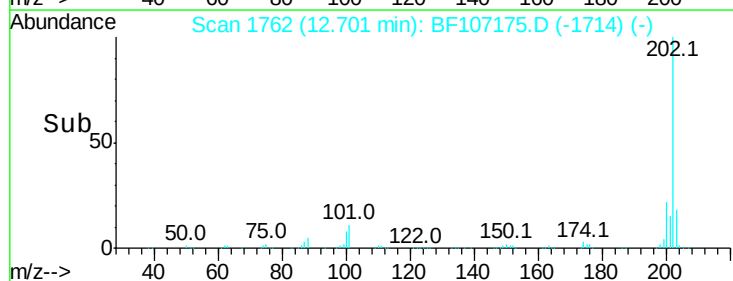
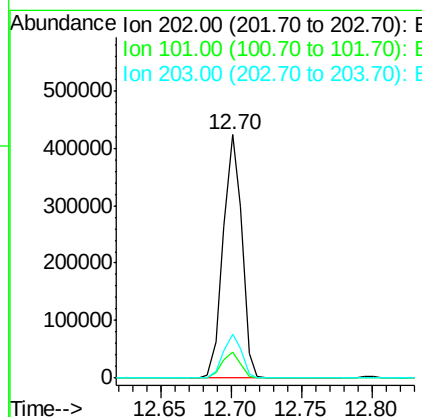
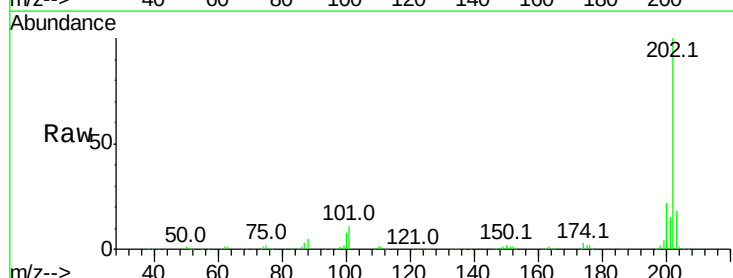
RT: 12.70 min Scan# 1762

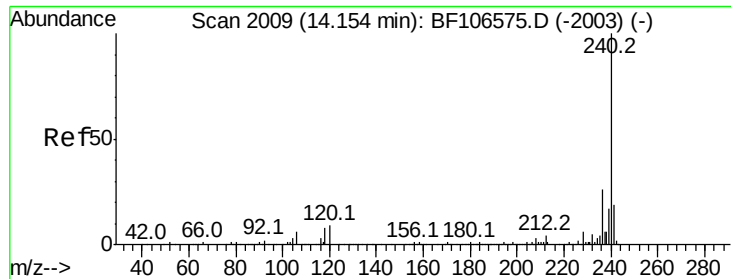
Delta R.T. -0.02 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:	202	Resp:	391217
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

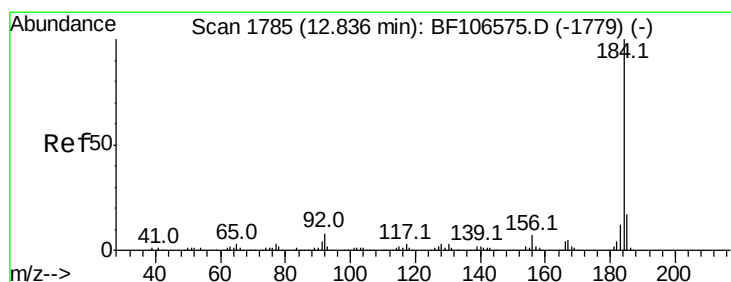
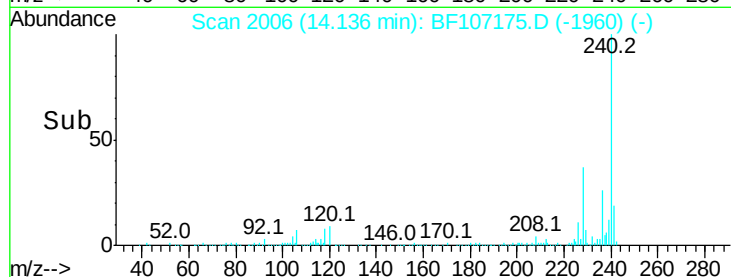
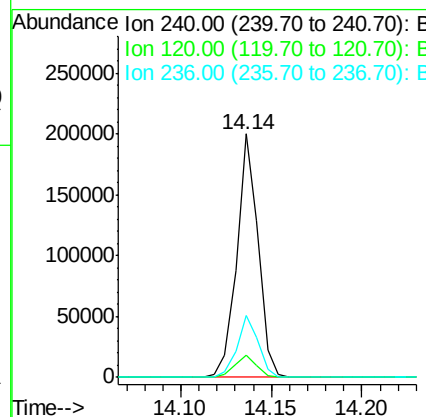
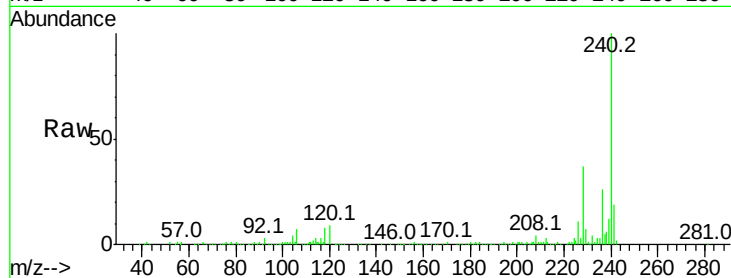
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.3	9.5	14.3	
236	25.6	20.7	31.1	

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#76

Benzidine

Concen: 28.454 ng

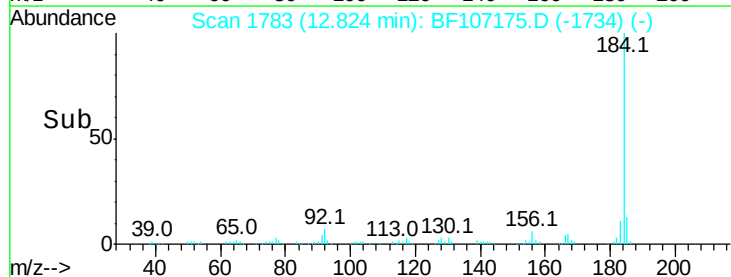
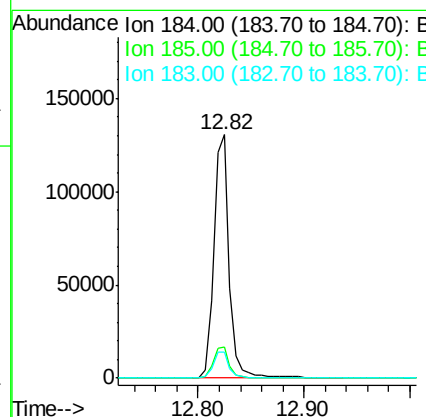
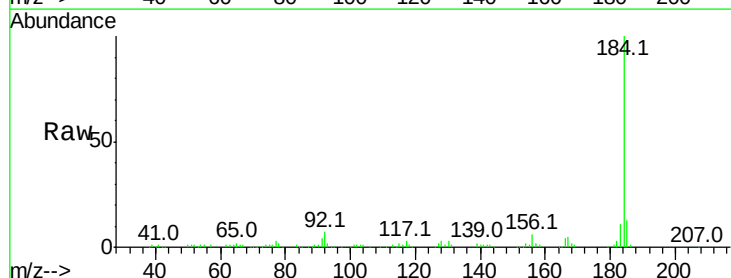
RT: 12.82 min Scan# 1783

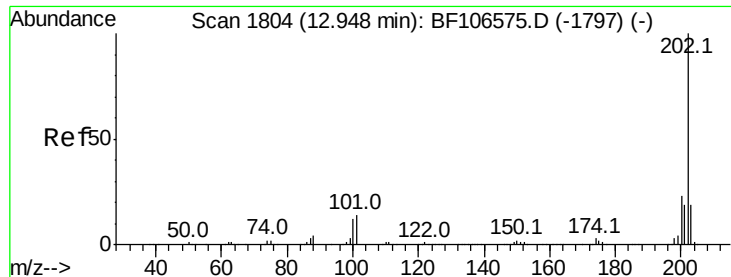
Delta R.T. -0.01 min

Lab File: BF107175.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.0	12.6	18.8	
183	10.8	9.3	13.9	





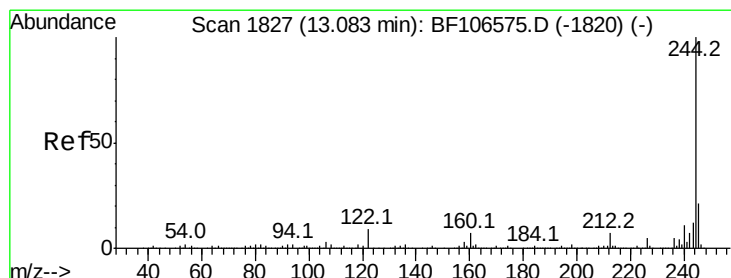
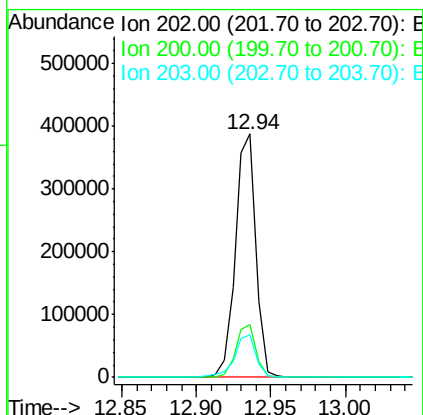
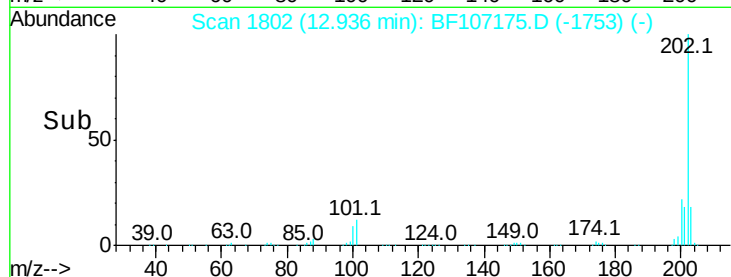
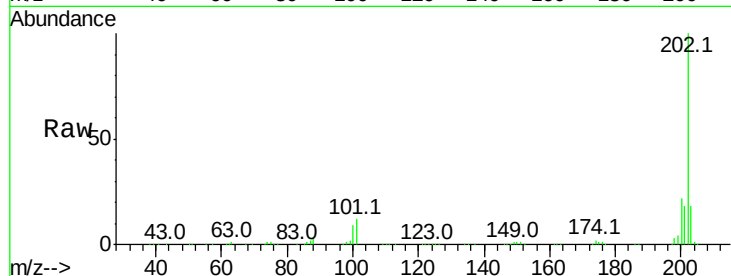
#77
Pvrene
Concen: 34.577 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5

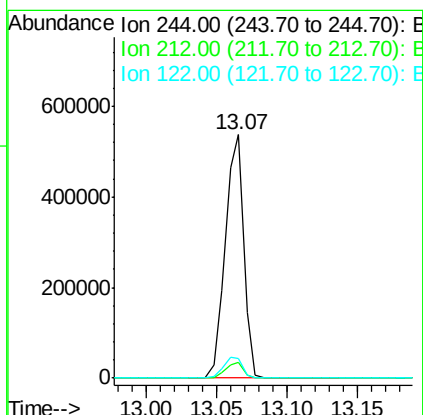
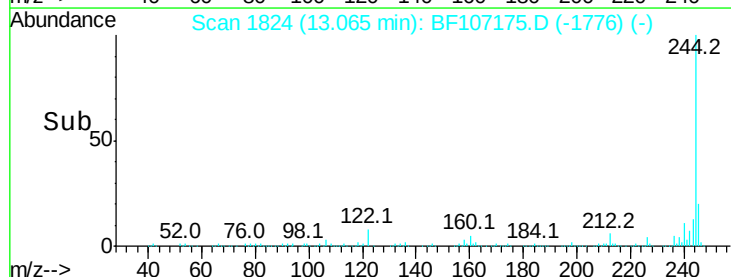
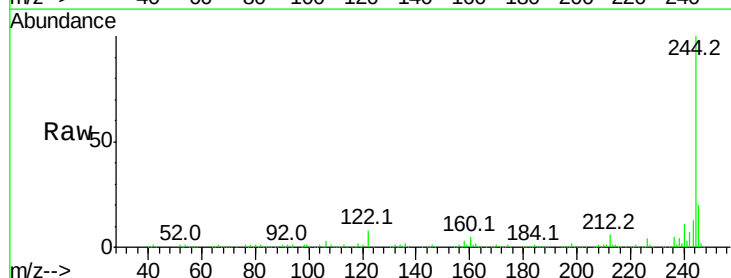
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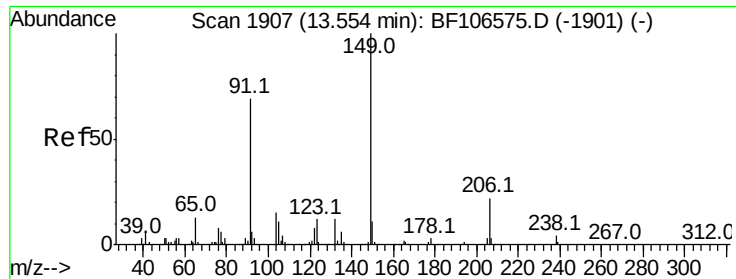
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#78
Terphenyl-d14
Concen: 72.101 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.0	11.0	16.4#





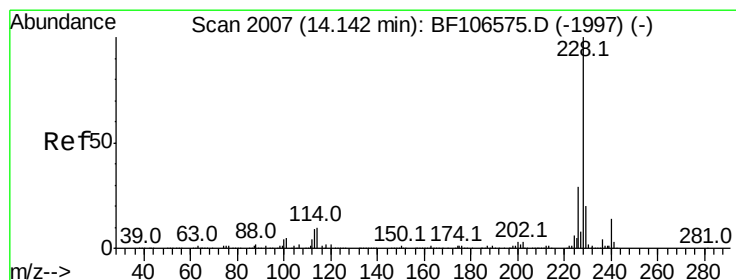
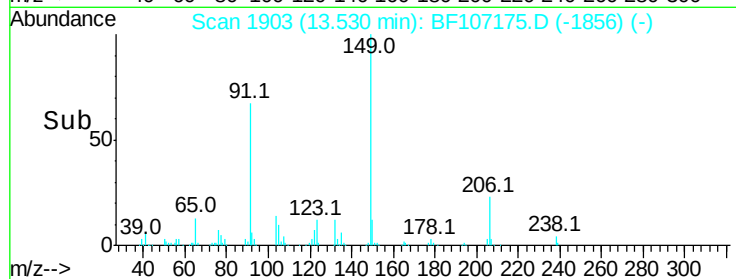
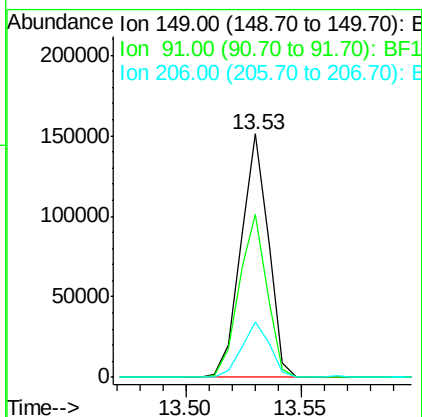
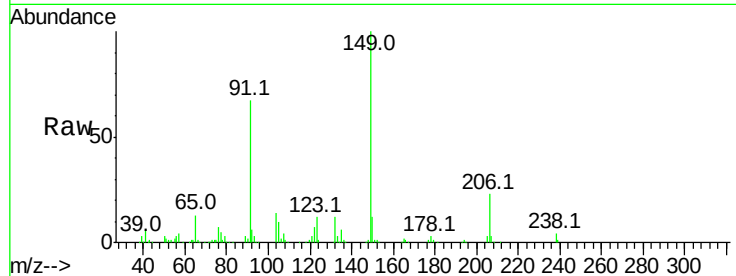
#79
Butylbenzylphthalate
Concen: 28.337 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.2	56.8	85.2
206	22.6	14.1	21.1

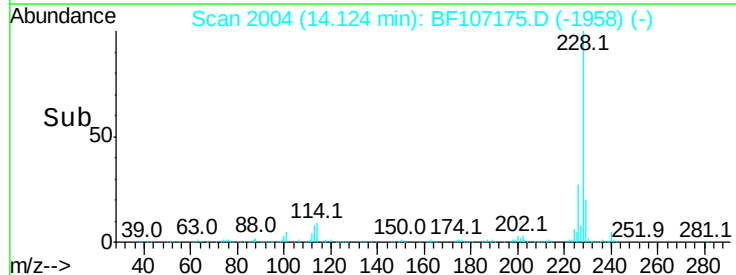
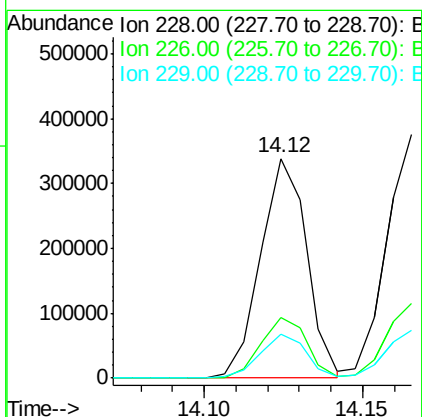
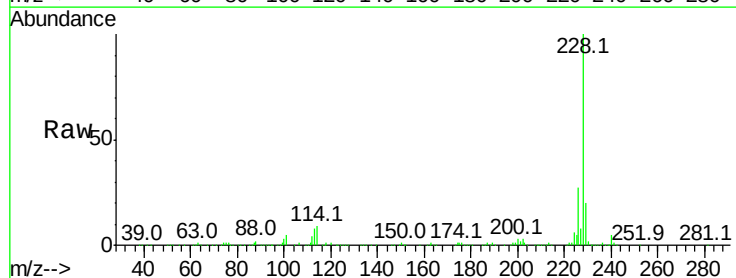
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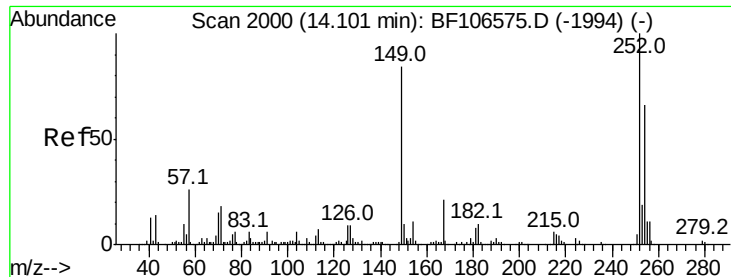
Sohil
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#80
Benzo(a)anthracene
Concen: 34.397 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6





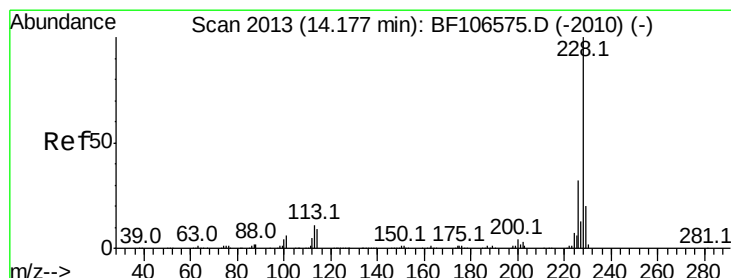
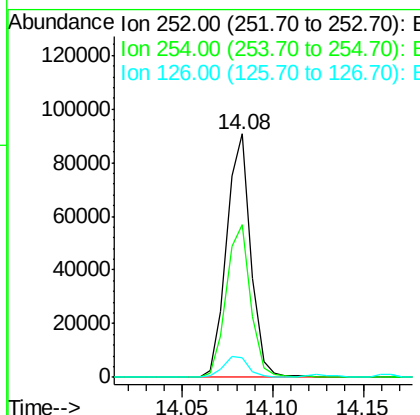
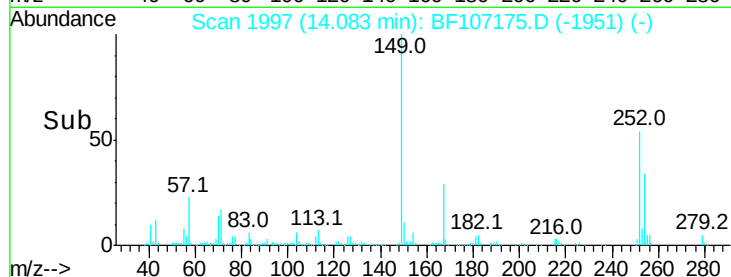
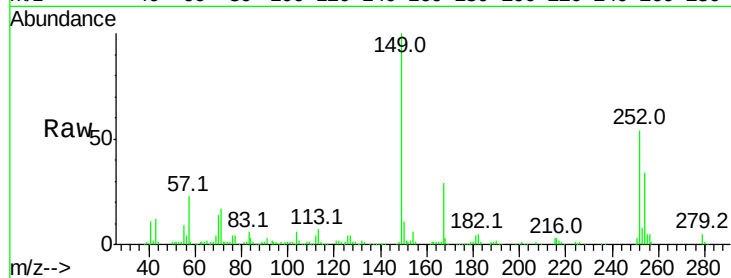
#81
 3,3'-Dichlorobenzidine
 Concen: 24.150 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	8.0	11.3	16.9

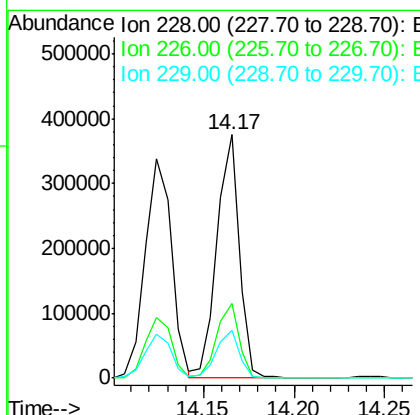
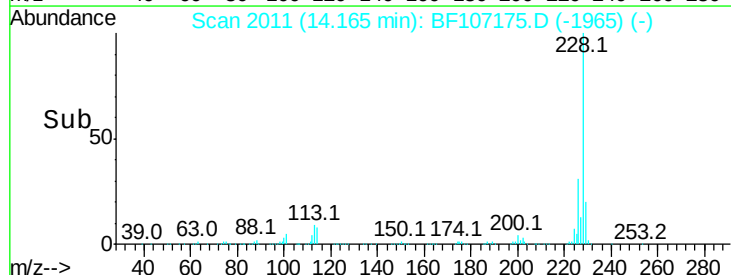
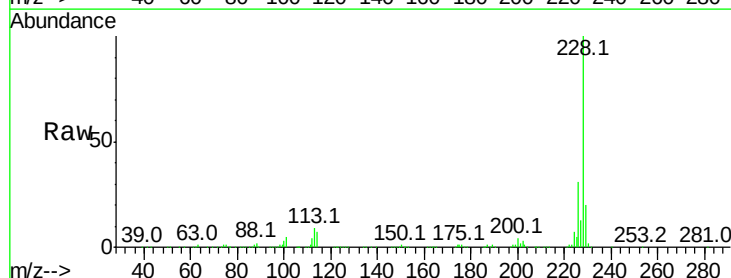
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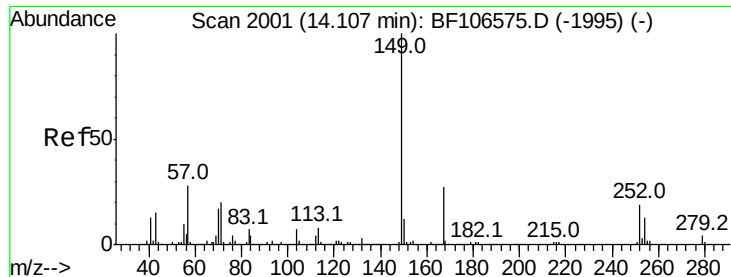
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#82
 Chrysene
 Concen: 35.076 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.313 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

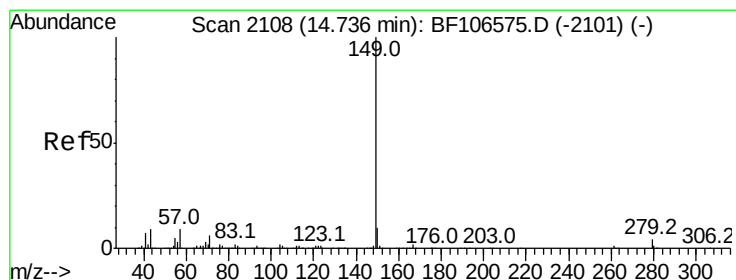
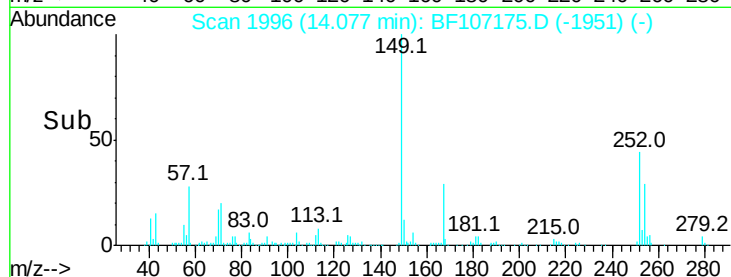
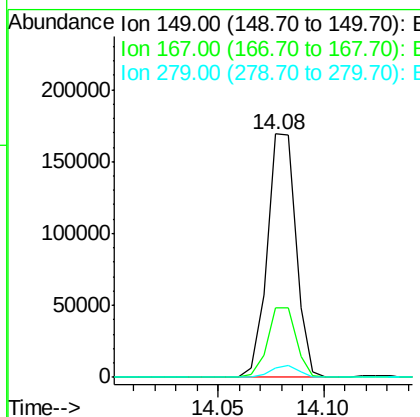
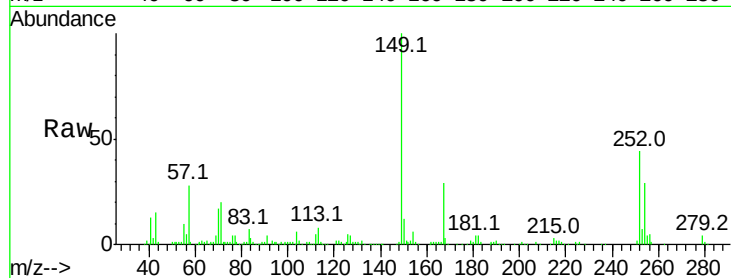
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:	149	Resp:	160667
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.3	31.9
279	3.9	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 31.499 ng

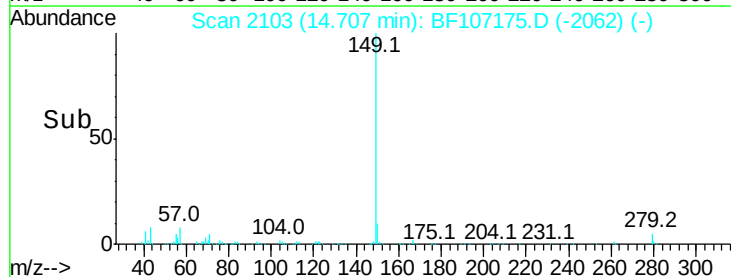
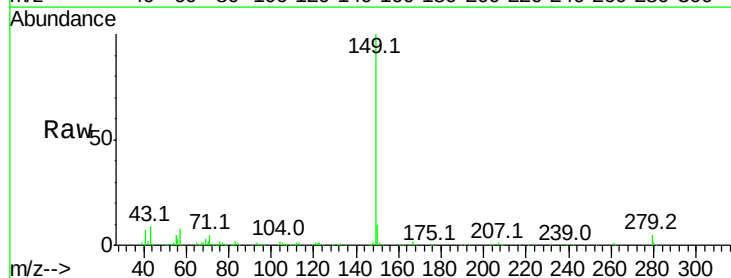
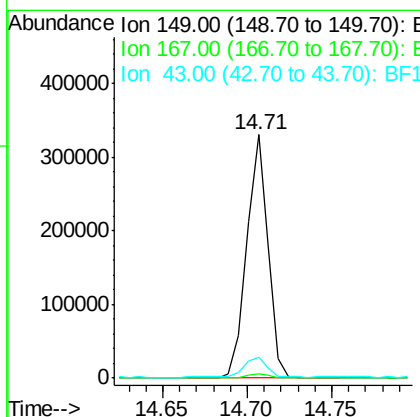
RT: 14.71 min Scan# 2103

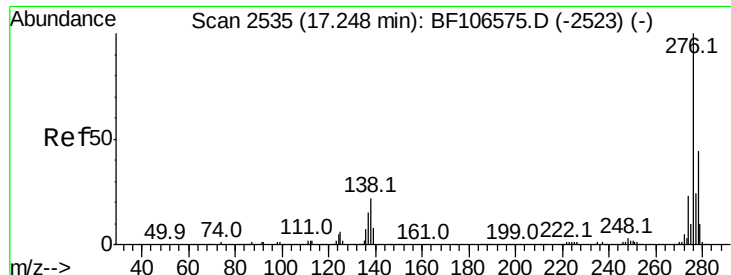
Delta R.T. -0.06 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:	149	Resp:	291367
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	8.7	8.4	12.6





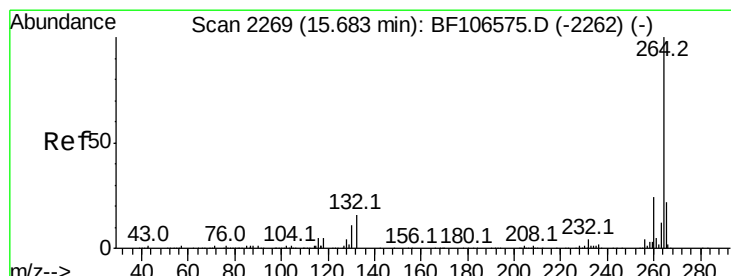
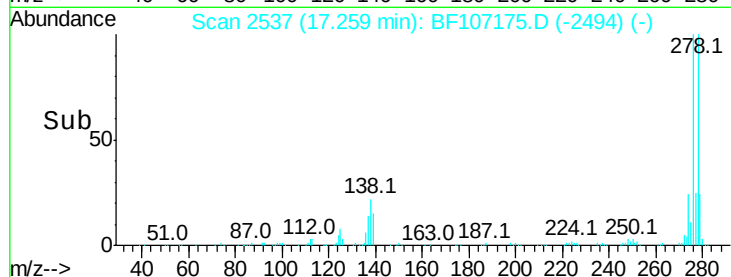
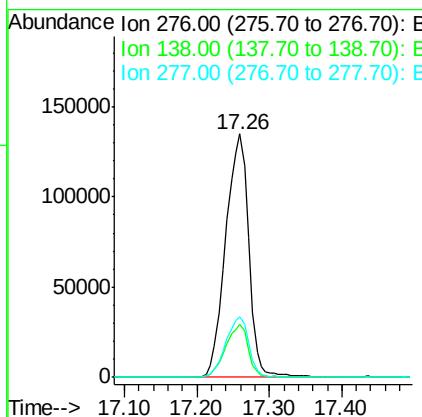
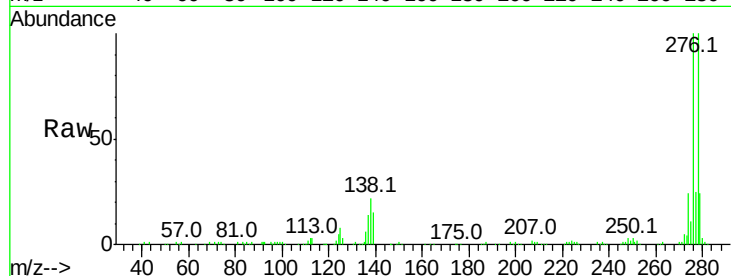
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.471 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	25.0	20.1	30.1

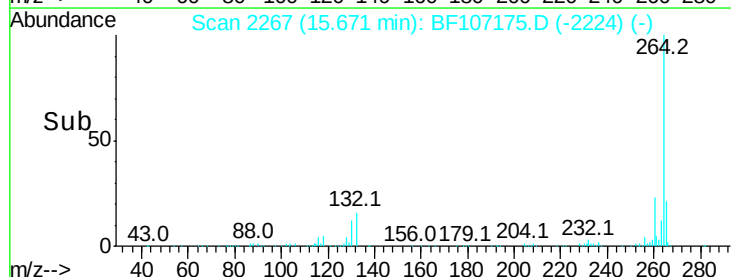
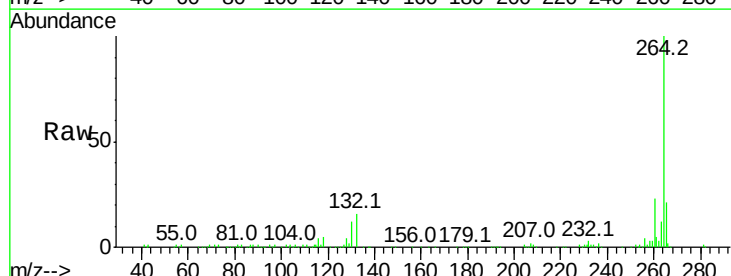
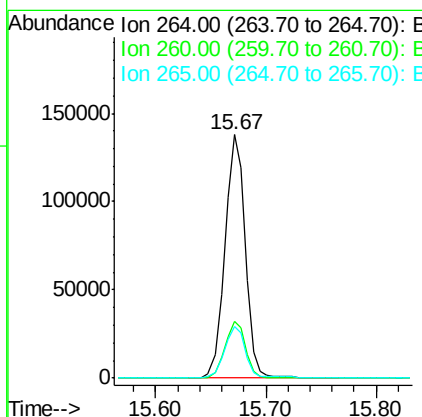
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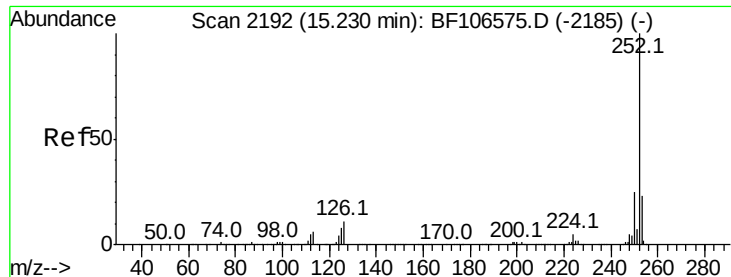
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 32.934 ng

RT: 15.22 min Scan# 2190

Delta R.T. -0.04 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Instrument :

BNA_F

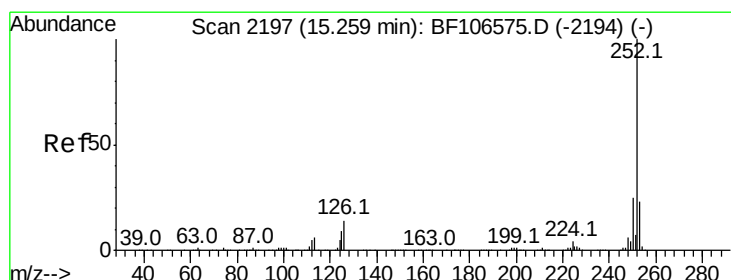
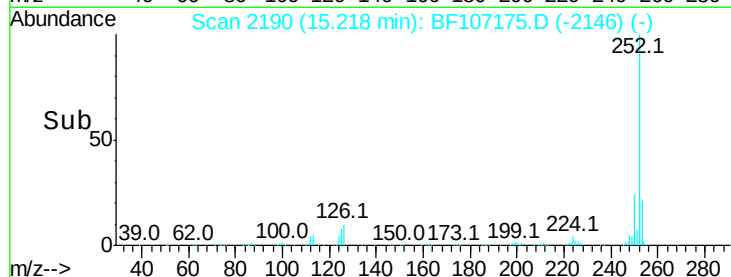
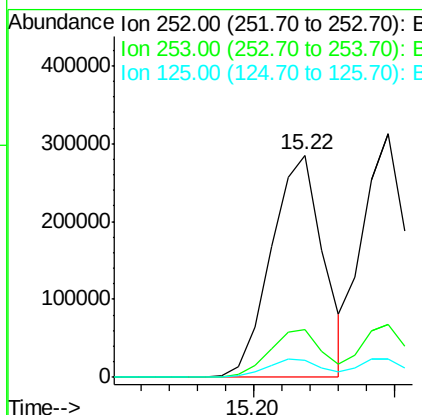
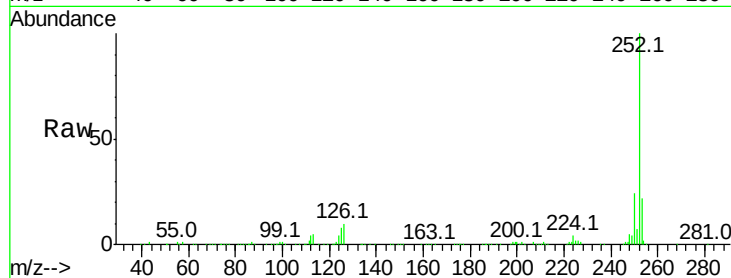
ClientSampleId :

FK-GF-03-005-AMSD

Tot Ion:252	Resp:	364447
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.0 25.6
125	7.9	9.0 13.6#

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#88

Benzo(k)fluoranthene

Concen: 31.376 ng

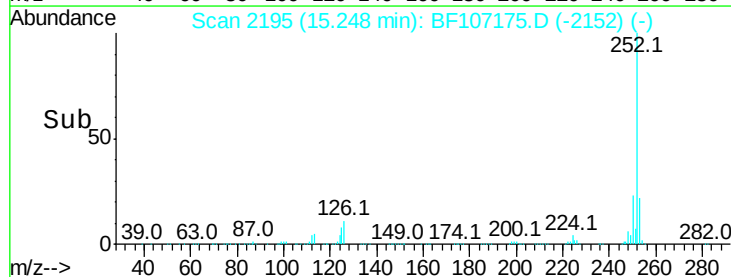
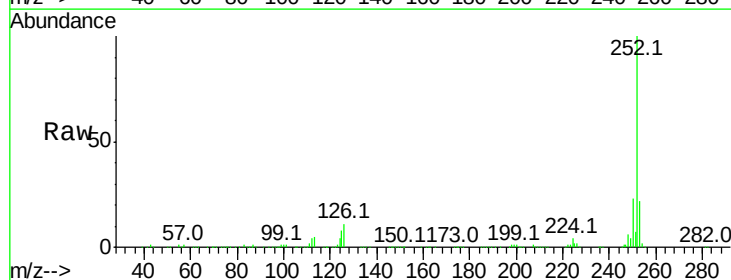
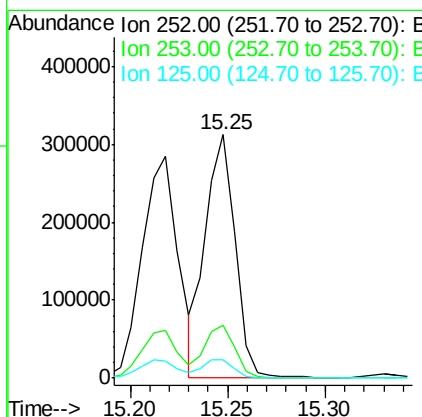
RT: 15.25 min Scan# 2195

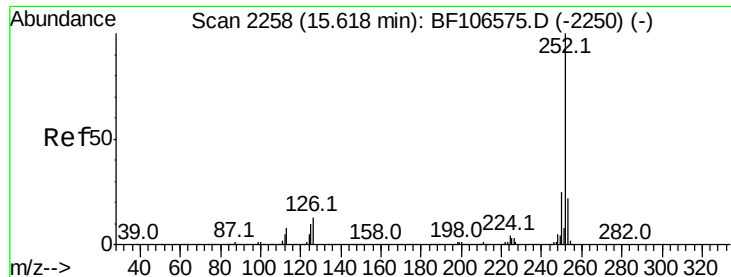
Delta R.T. -0.05 min

Lab File: BF107175.D

Acq: 6 Jul 2018 16:20

Tgt Ion:252	Resp:	330636
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.9 26.9
125	7.7	10.2 15.2#





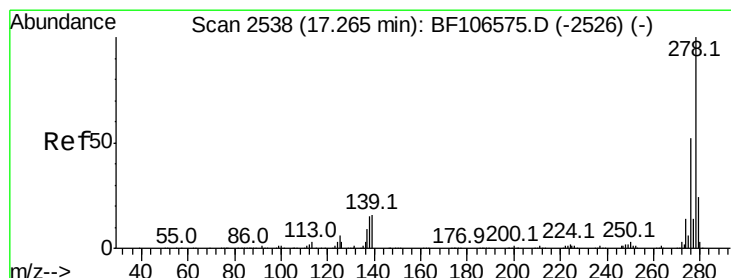
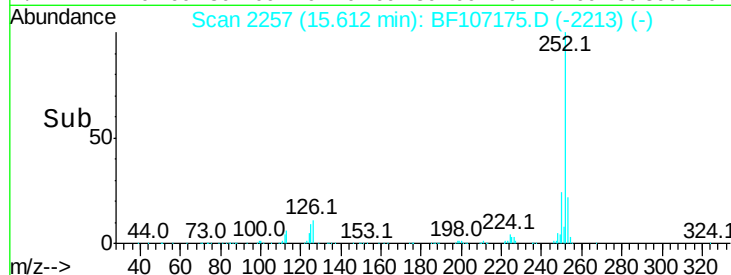
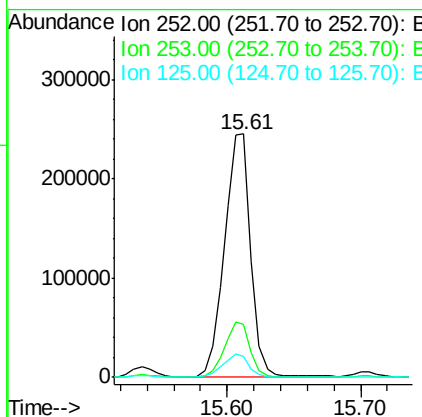
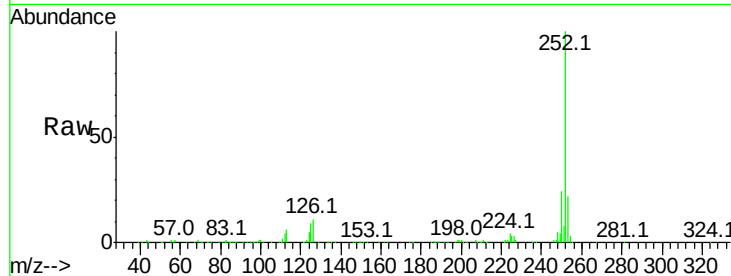
#89
Benzo(a)pyrene
Concen: 34.533 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-005-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.7	9.8	14.6

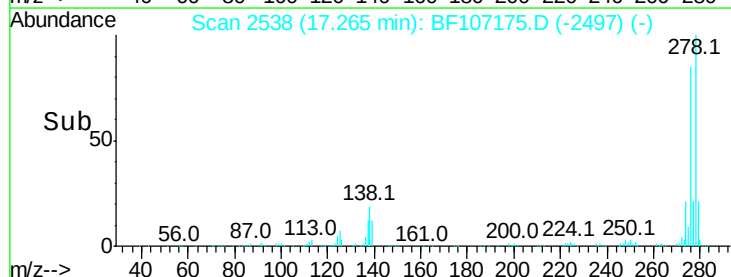
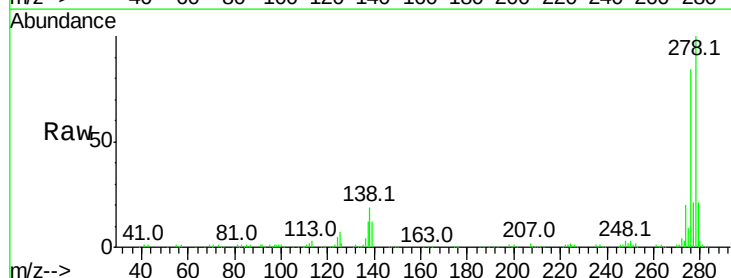
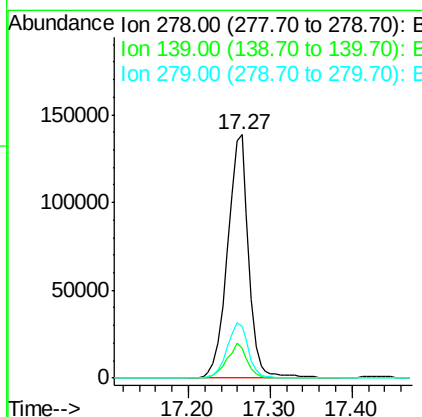
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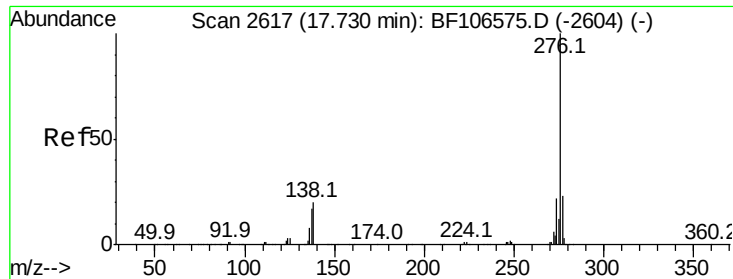
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#90
Dibenzo(a,h)anthracene
Concen: 29.877 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF107175.D
Acq: 6 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	15.9	23.9
279	21.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 29.082 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF107175.D
 Acq: 6 Jul 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-005-AMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	17.9	26.9
138	18.4	21.8	32.8

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