

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107865.D
 Acq On : 31 Jul 2018 22:20
 Operator : JU/SJ
 Sample : J4236-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Manual Integrations
 APPROVED

Sohil
 8/1/2018 3:57:31 PM

Quant Time: Aug 01 03:45:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166023	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	705410	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	299549	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	512906	20.00	ng	0.00
75) Chrysene-d12	14.15	240	397148	20.00	ng	0.00
86) Perylene-d12	15.68	264	409807	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	967837	99.08	ng	0.00
7) Phenol-d6	6.61	99	1183809	91.95	ng	0.00
23) Nitrobenzene-d5	7.53	82	778323	63.57	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	340457	83.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1397294	65.00	ng	0.00
78) Terphenyl-d14	13.08	244	1121351	61.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	107053	26.332	ng	87
3) Pyridine	3.64	79	251274	25.311	ng	86
4) n-Nitrosodimethylamine	3.61	42	65655	13.209	ng	96
6) Aniline	6.64	93	384948	28.747	ng	# 69
8) 2-Chlorophenol	6.75	128	378415	30.839	ng	95
9) Benzaldehyde	6.52	77	143364	18.456	ng	97
10) Phenol	6.62	94	433521	28.236	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	310352	22.733	ng	95
12) 1,3-Dichlorobenzene	6.90	146	371794	28.889	ng	98
13) 1,4-Dichlorobenzene	6.98	146	419514	29.283	ng	99
14) 1,2-Dichlorobenzene	7.13	146	365064	27.451	ng	100
15) Benzyl Alcohol	7.11	79	255474	31.926	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	606840	30.916	ng	71
17) 2-Methylphenol	7.22	107	303880	33.547	ng	# 84
18) Hexachloroethane	7.47	117	138455	26.887	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	260551	31.903	ng	96
20) 3+4-Methylphenols	7.38	107	367582	33.052	ng	# 64
22) Acetophenone	7.37	105	554070	32.648	ng	# 91
24) Nitrobenzene	7.55	77	364432	28.384	ng	99
25) Isophorone	7.78	82	738715	36.753	ng	99
26) 2-Nitrophenol	7.87	139	207023	32.129	ng	96
27) 2,4-Dimethylphenol	7.90	122	321828	37.305	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	466915	35.250	ng	99
29) 2,4-Dichlorophenol	8.11	162	317697	32.557	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	335517	30.139	ng	98
31) Naphthalene	8.27	128	1135460	34.628	ng	99
32) Benzoic acid	8.01	122	20372m	4.895	ng	
33) 4-Chloroaniline	8.32	127	382642	27.320	ng	99
34) Hexachlorobutadiene	8.37	225	191709	27.868	ng	99
35) Caprolactam	8.68	113	95225	32.416	ng	# 80
36) 4-Chloro-3-methylphenol	8.81	107	341501	32.224	ng	97
37) 2-Methylnaphthalene	8.95	142	735737	35.720	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	351124	34.380	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	73221	22.526	ng	94

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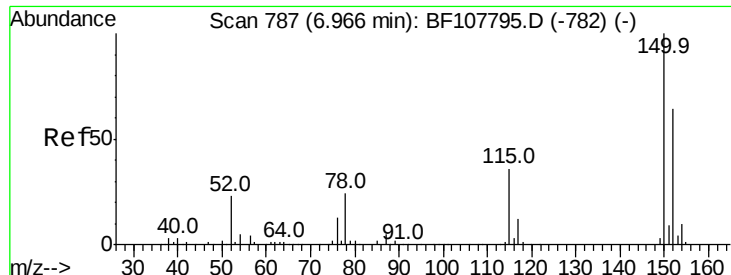
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	201547	35.696	ng	96
43) 2,4,5-Trichlorophenol	9.29	196	247571	36.422	ng	98
45) 1,1'-Biphenyl	9.42	154	934525	34.281	ng	99
46) 2-Chloronaphthalene	9.45	162	680841	33.119	ng	99
47) 2-Nitroaniline	9.56	65	227984	34.095	ng	92
48) Acenaphthylene	9.87	152	1085049	34.046	ng	99
49) Dimethylphthalate	9.71	163	876462	38.960	ng	99
50) 2,6-Dinitrotoluene	9.79	165	160529	32.835	ng	90
51) Acenaphthene	10.04	154	624434	33.729	ng	100
52) 3-Nitroaniline	9.97	138	169635	27.536	ng	97
53) 2,4-Dinitrophenol	10.12	184	3386	9.616	ng	# 58
54) Dibenzofuran	10.21	168	929263	32.475	ng	99
55) 4-Nitrophenol	10.15	139	117744	45.195	ng	89
56) 2,4-Dinitrotoluene	10.20	165	197947	30.805	ng	# 91
57) Fluorene	10.55	166	722892	32.507	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	204219	32.711	ng	# 81
59) Diethylphthalate	10.41	149	795048	32.870	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	363493	30.005	ng	89
61) 4-Nitroaniline	10.60	138	156978	28.713	ng	89
62) Azobenzene	10.70	77	699473	31.051	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	24379	8.737	ng	# 82
65) n-Nitrosodiphenylamine	10.67	169	651257	38.562	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	218728	36.588	ng	# 85
67) Hexachlorobenzene	11.10	284	213415	32.193	ng	# 90
68) Atrazine	11.18	200	184697	36.951	ng	96
69) Pentachlorophenol	11.31	266	150540	46.130	ng	96
70) Phenanthrene	11.52	178	948109	38.930	ng	100
71) Anthracene	11.58	178	1002640	35.693	ng	100
72) Carbazole	11.74	167	873092	31.451	ng	99
73) Di-n-butylphthalate	12.04	149	1073895	35.459	ng	99
74) Fluoranthene	12.72	202	972413	33.987	ng	96
76) Benzidine	12.85	184	567437	44.190	ng	98
77) Pyrene	12.95	202	932981	32.624	ng	98
79) Butylbenzylphthalate	13.55	149	376007	30.024	ng	89
80) Benzo(a)anthracene	14.14	228	801644	35.633	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	284184	32.587	ng	# 98
82) Chrysene	14.18	228	869949	35.852	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	508071	32.271	ng	100
84) Di-n-octyl phthalate	14.72	149	955130	37.797	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	632240	34.255	ng	95
87) Benzo(b)fluoranthene	15.22	252	763932	37.797	ng	98
88) Benzo(k)fluoranthene	15.26	252	872006m	35.141	ng	
89) Benzo(a)pyrene	15.62	252	747185	35.810	ng	99
90) Dibenzo(a,h)anthracene	17.28	278	539861	29.662	ng	96
91) Benzo(g,h,i)perylene	17.75	276	506218	28.745	ng	94

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



#1

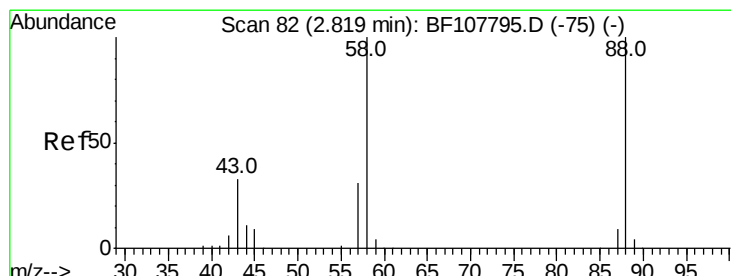
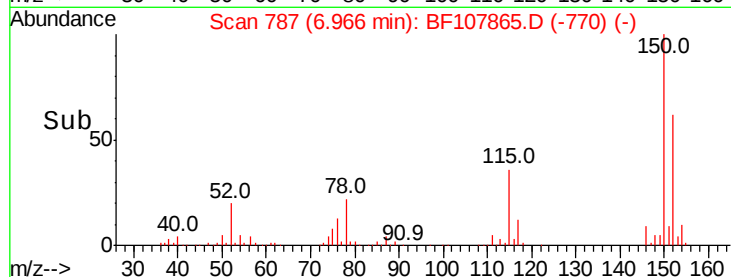
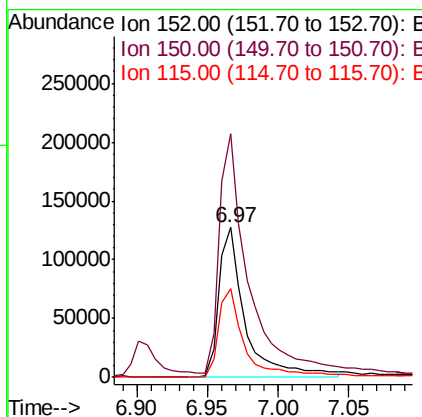
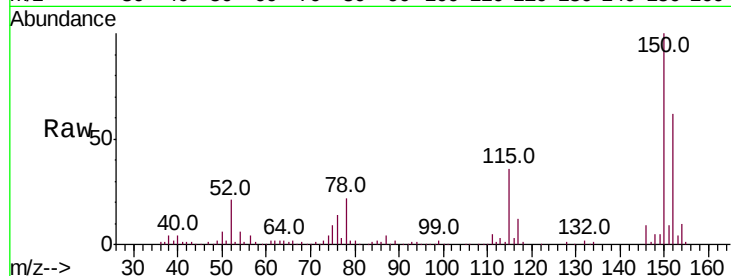
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.6	186.8
115	59.0	50.1	75.1

Manual Integrations
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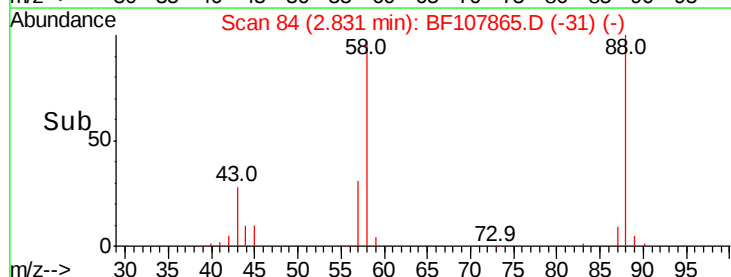
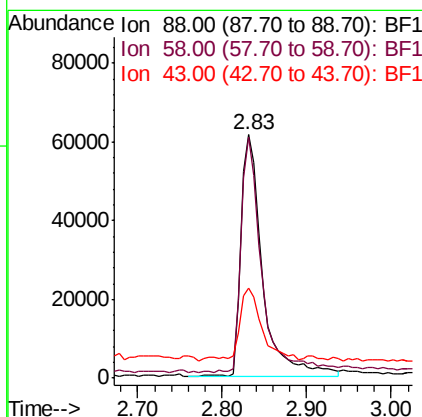
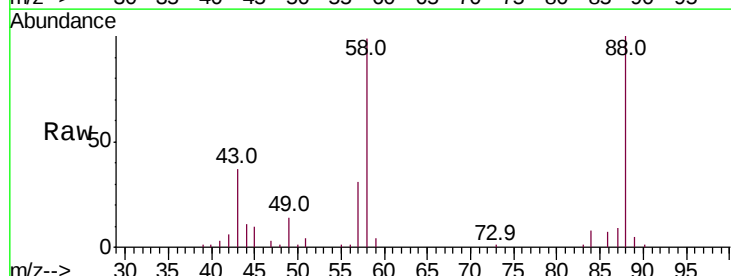
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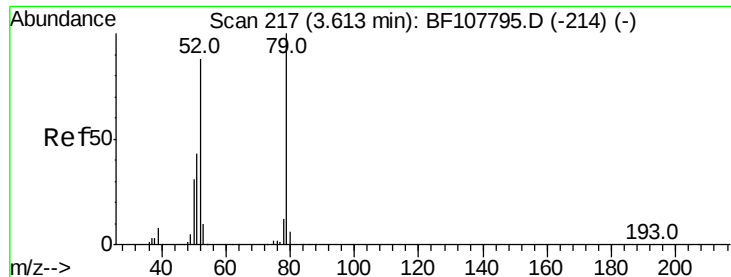


#2

1,4-Dioxane
 Concen: 26.332 ng
 RT: 2.83 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	62.6	93.8
43	29.5	24.6	37.0





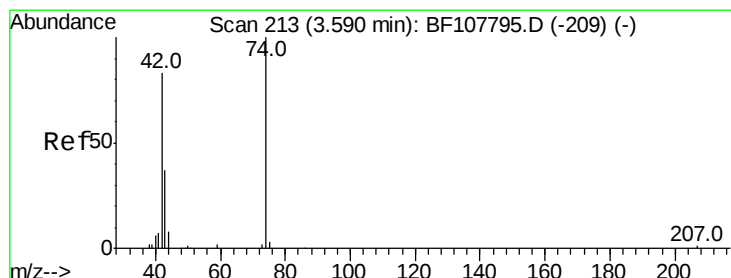
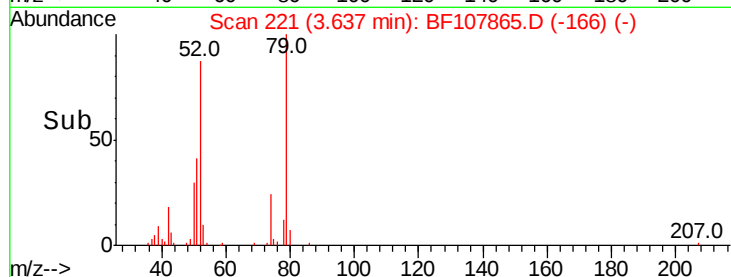
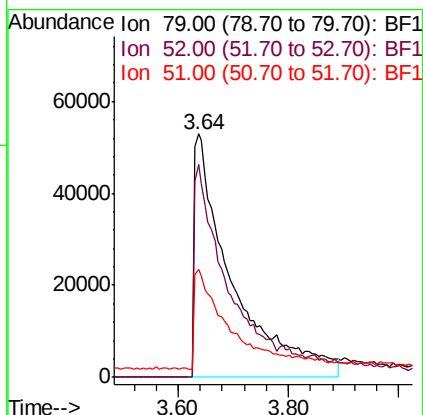
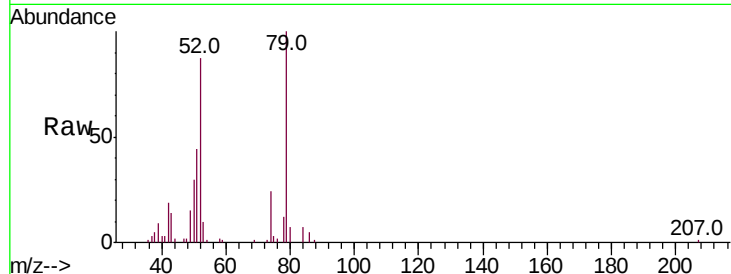
#3
Pvridine
Concen: 25.311 ng
RT: 3.64 min Scan# 221
Delta R.T. 0.02 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.4	59.8	89.6
51	44.2	29.8	44.8

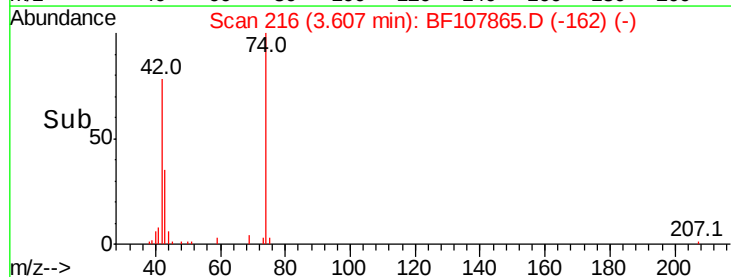
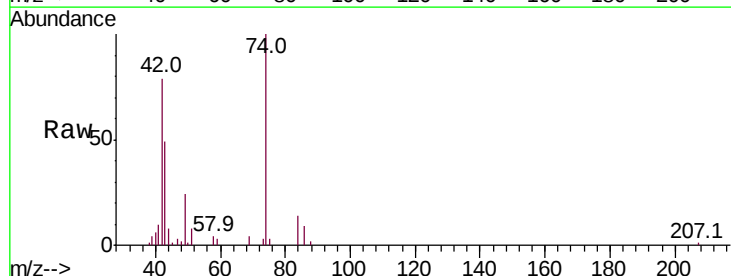
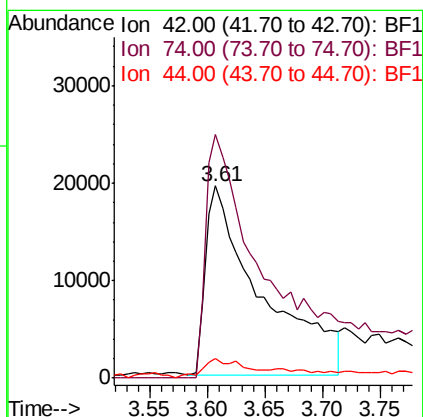
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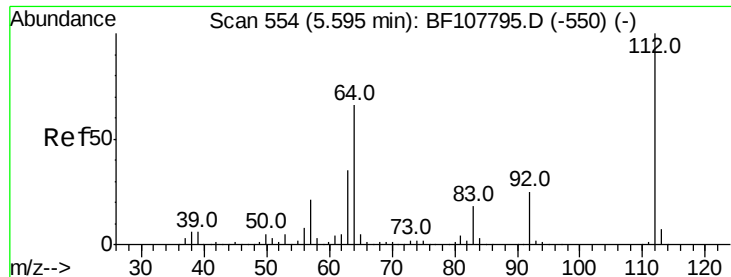
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#4
n-Nitrosodimethylamine
Concen: 13.209 ng
RT: 3.61 min Scan# 216
Delta R.T. 0.02 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	104.9	157.3
44	9.9	6.9	10.3





#5

2-Fluorophenol

Concen: 99.076 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

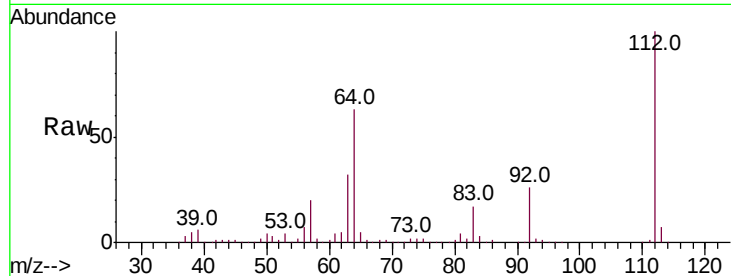
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FK-GF-01-010-AMS

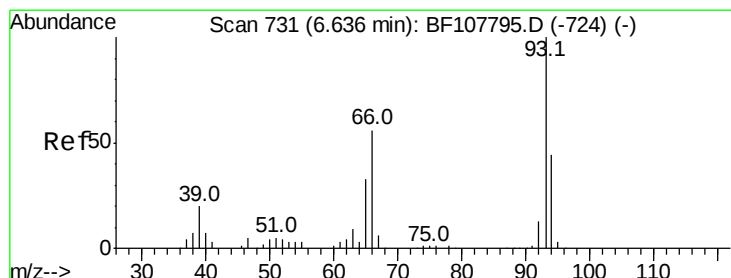
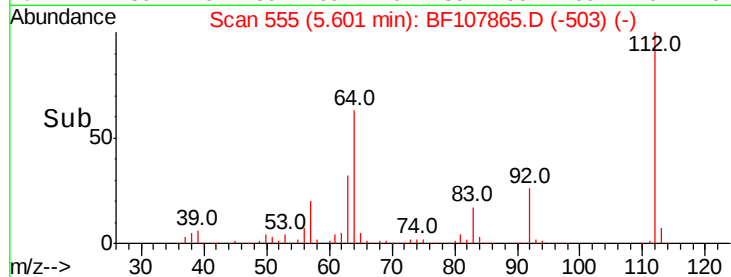
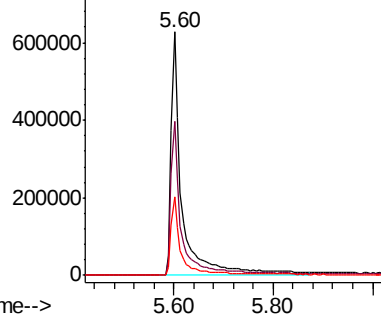
Tot Ion:	112	Resp:	967837
Ion Ratio	Lower	Upper	
112	100		
64	63.1	47.9	71.9
63	32.1	23.7	35.5

Manual Integrations
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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: 28.747 ng

RT: 6.64 min Scan# 731

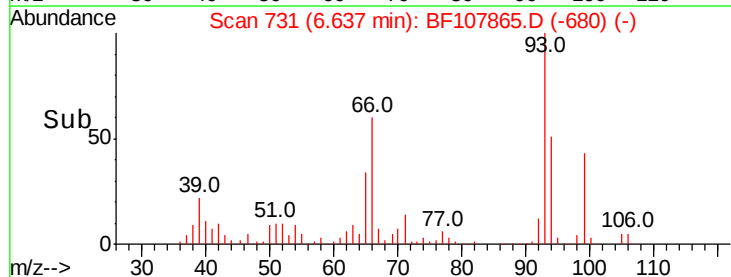
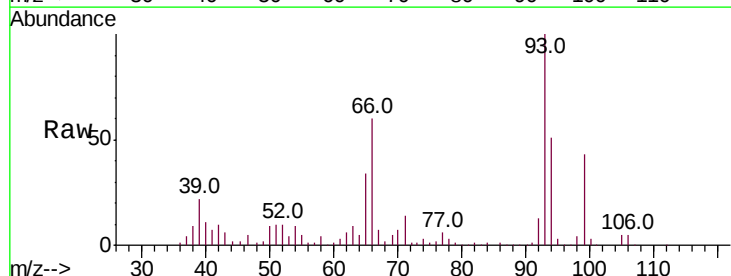
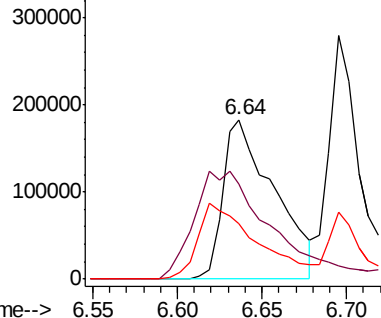
Delta R.T. 0.00 min

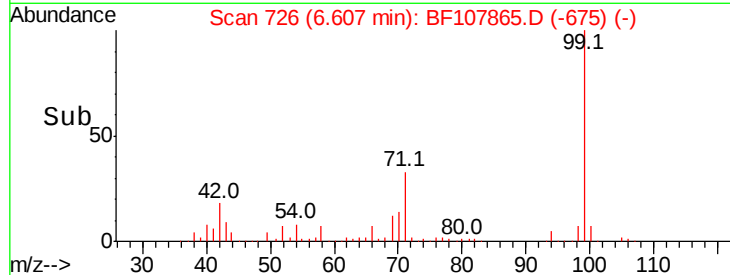
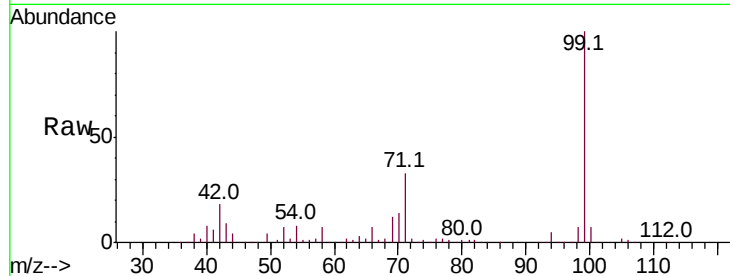
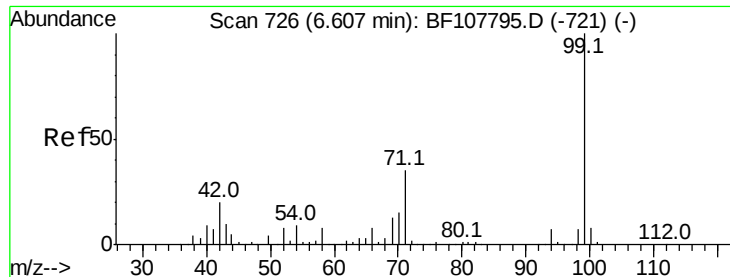
Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion:	93	Resp:	384948
Ion Ratio	Lower	Upper	
93	100		
66	59.9	32.2	48.2#
65	34.4	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: 91.950 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tot Ion: 99 Resp: 1183809

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 32.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

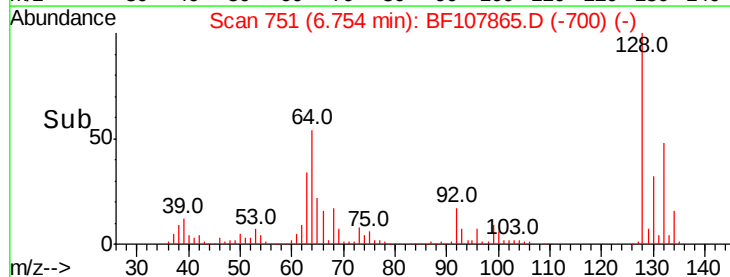
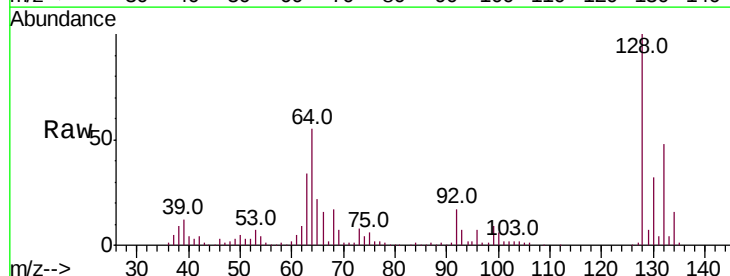
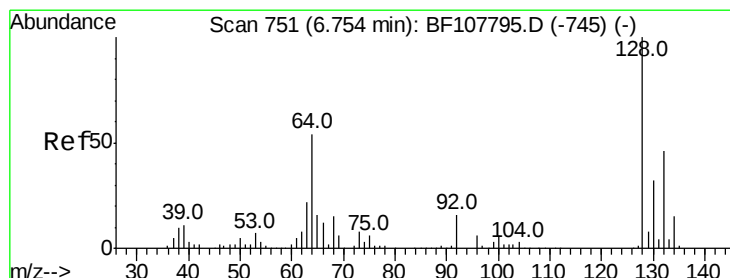
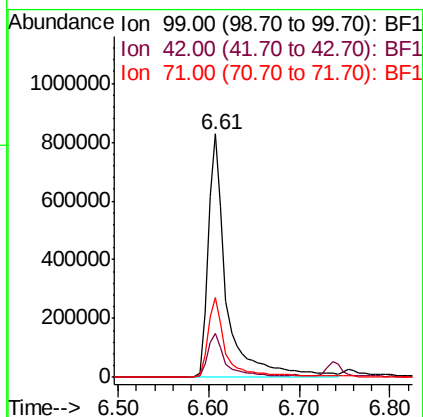
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#8

2-Chlorophenol

Concen: 30.839 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

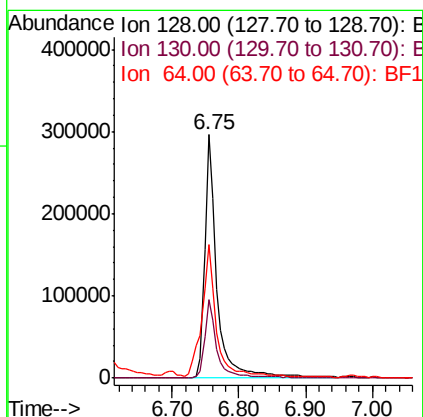
Tgt Ion:128 Resp: 378415

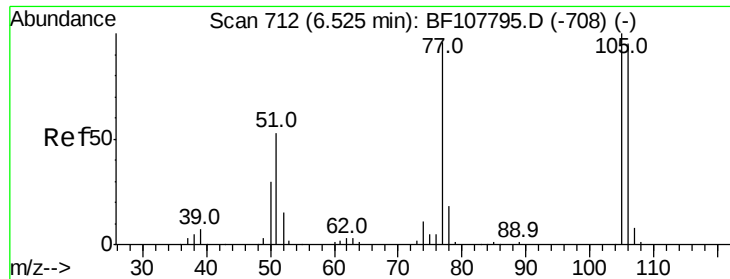
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 54.6 29.4 69.4





#9

Benzaldehyde

Concen: 18.456 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

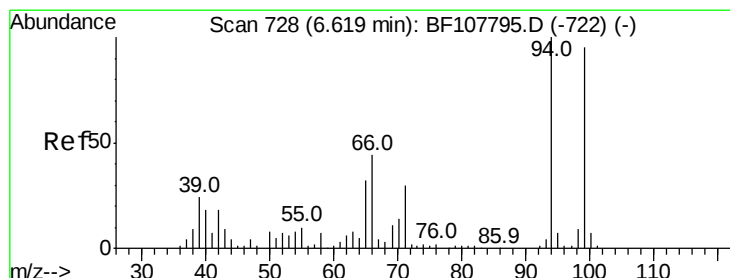
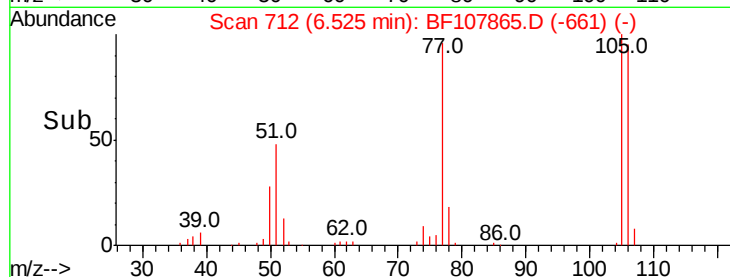
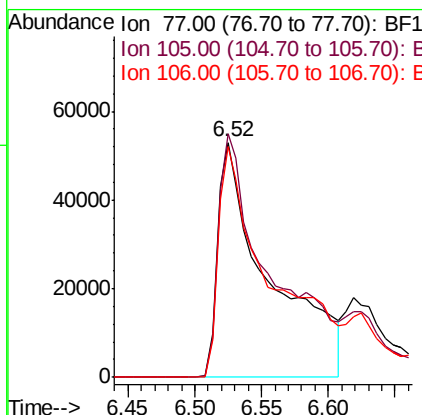
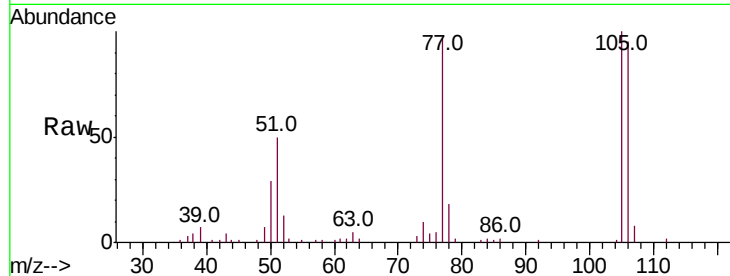
ClientSampleId :

FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	81.1	121.1
106	98.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 28.236 ng

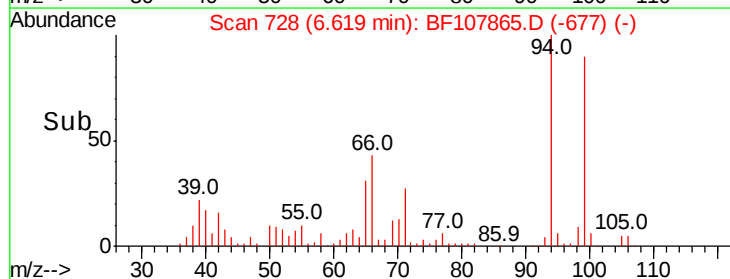
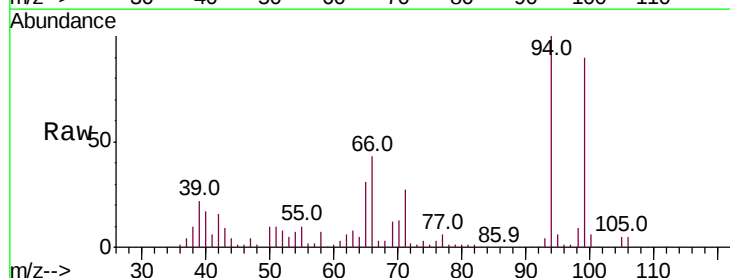
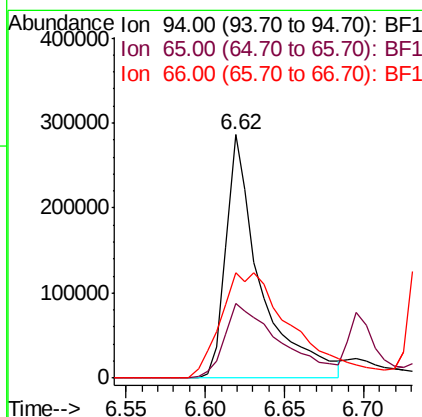
RT: 6.62 min Scan# 728

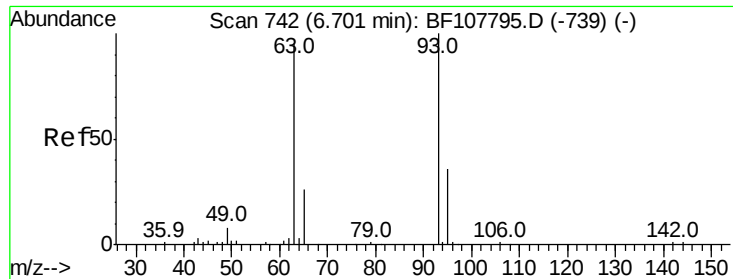
Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	43.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 22.733 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

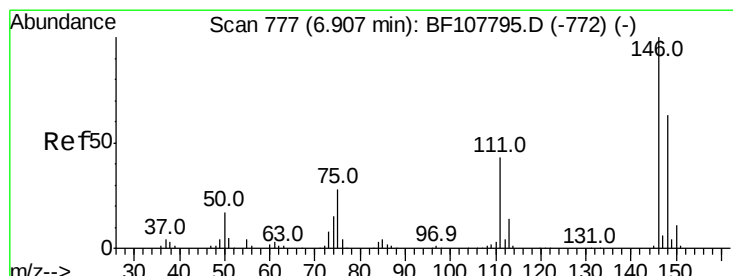
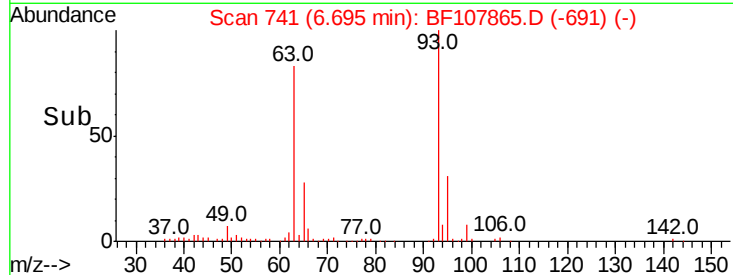
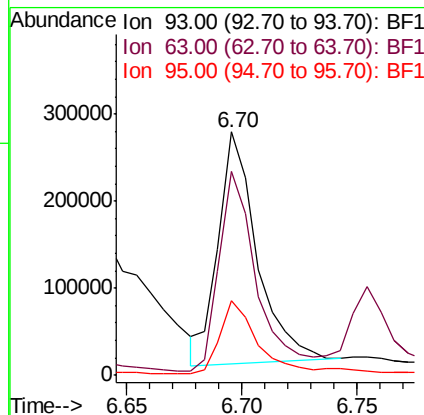
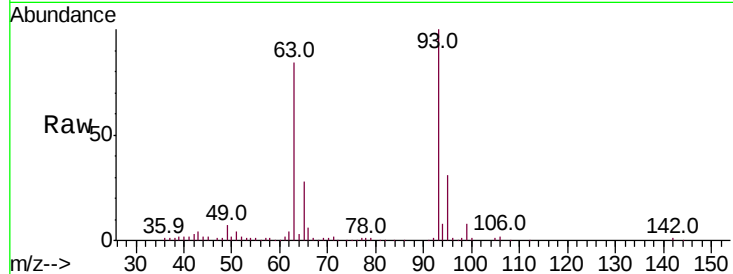
ClientSampleId :

FK-GF-01-010-AMS

Tot Ion:	93	Resp:	310352
Ion Ratio	Lower	Upper	
93	100		
63	83.5	58.6	98.6
95	30.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 28.889 ng

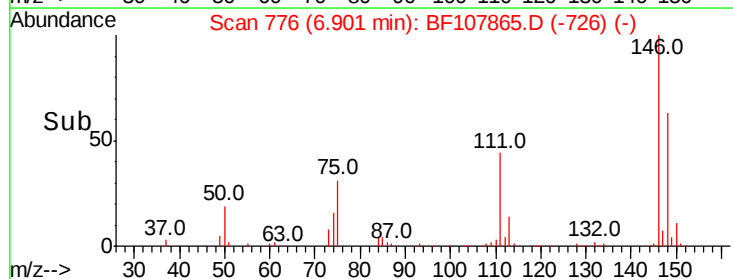
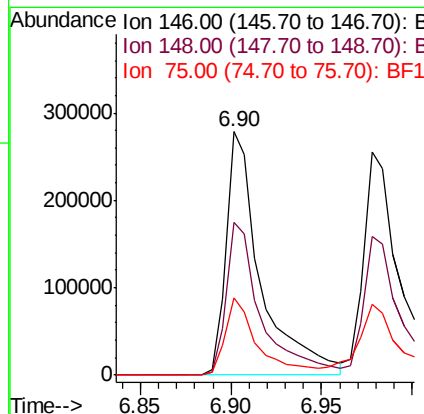
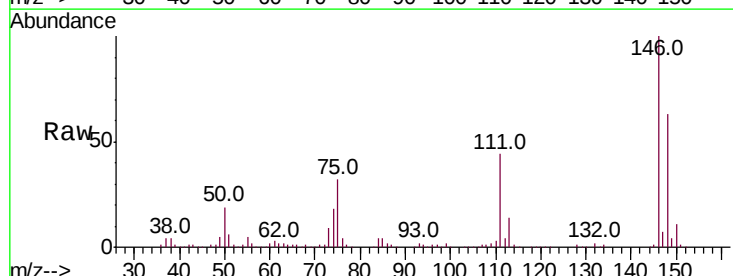
RT: 6.90 min Scan# 776

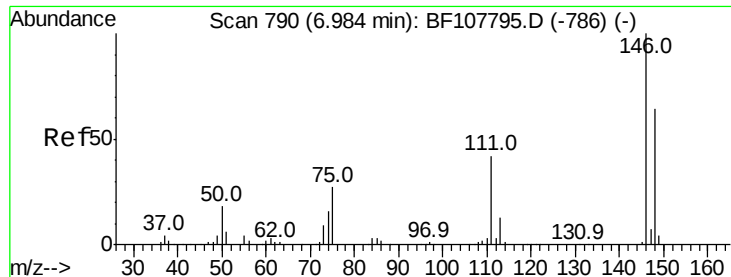
Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion:	146	Resp:	371794
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
75	31.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 29.283 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

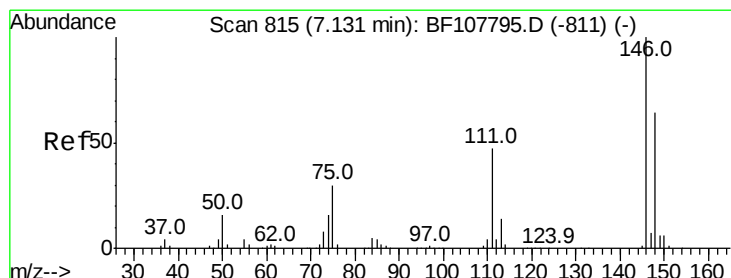
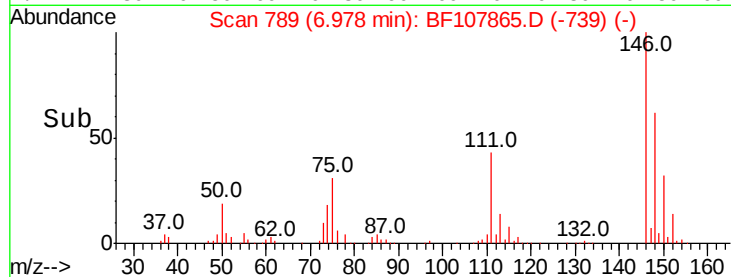
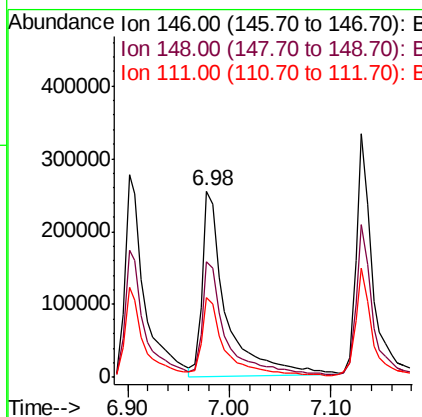
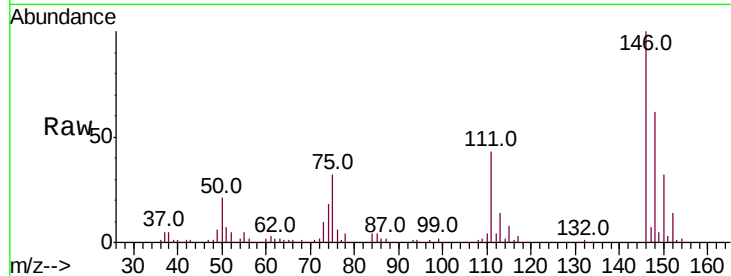
ClientSampleId :

FK-GF-01-010-AMS

Tot Ion:	146	Resp:	419514
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.8	76.2
111	43.1	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 27.451 ng

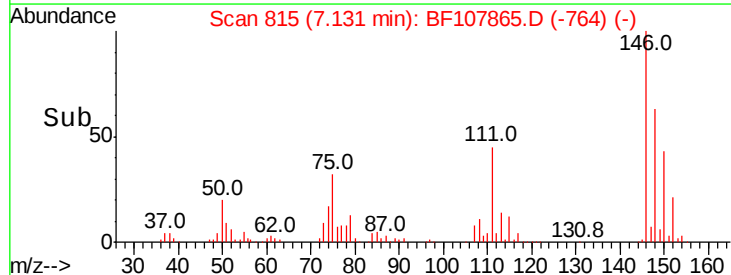
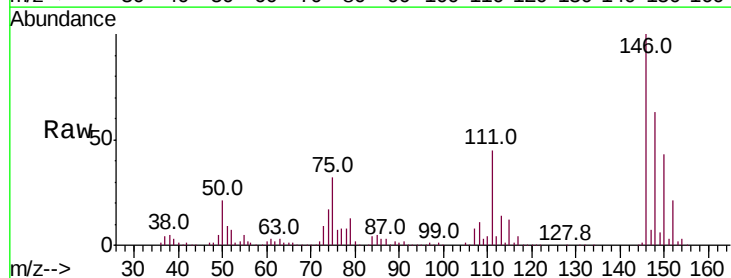
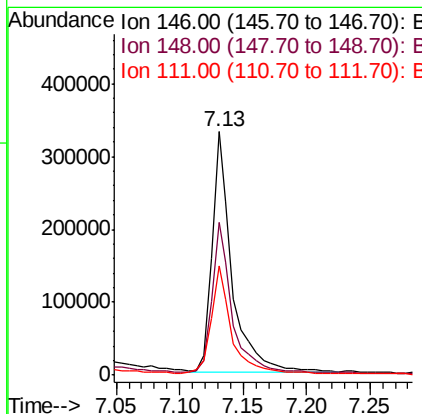
RT: 7.13 min Scan# 815

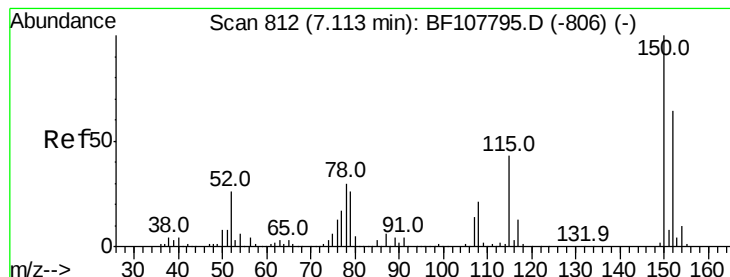
Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion:	146	Resp:	365064
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	75.8
111	44.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.926 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

Tot Ion: 79 Resp: 255474

Ion Ratio Lower Upper

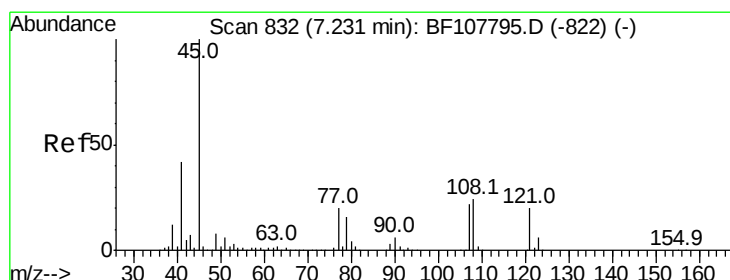
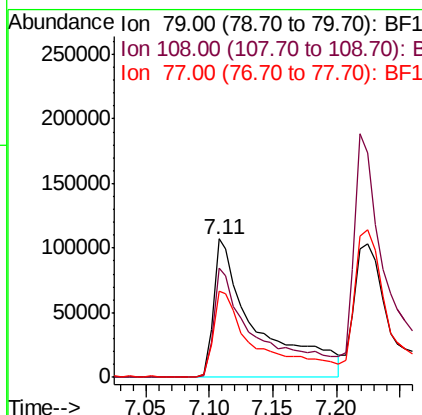
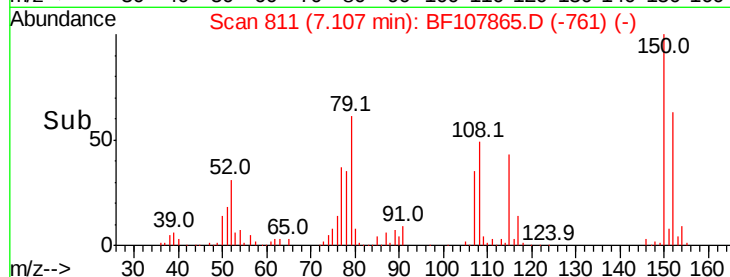
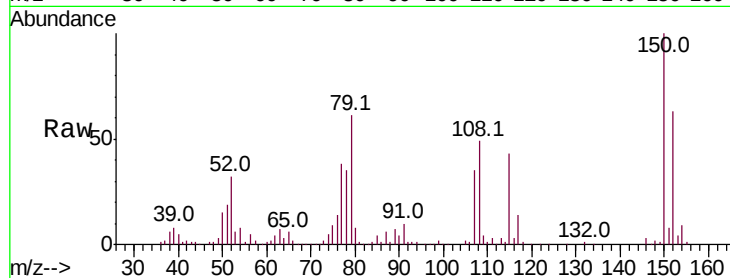
79 100

108 79.4 65.1 97.7

77 62.0 50.6 75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.916 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

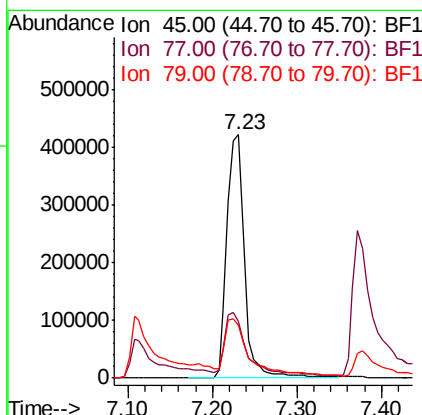
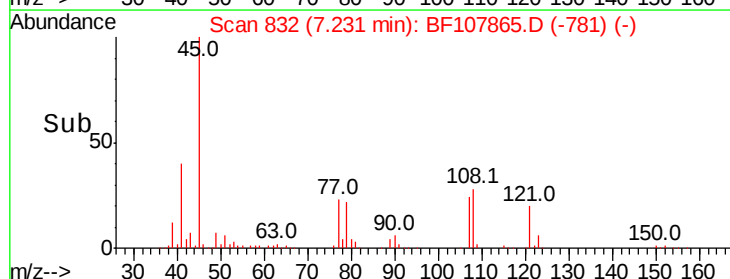
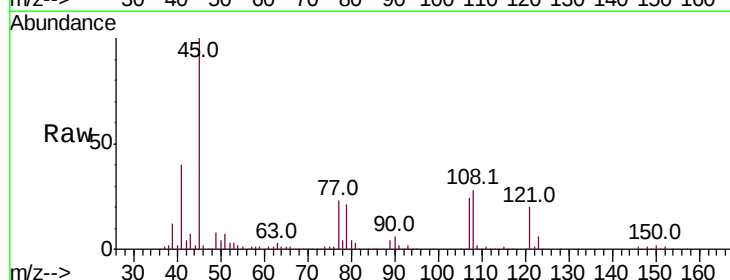
Tgt Ion: 45 Resp: 606840

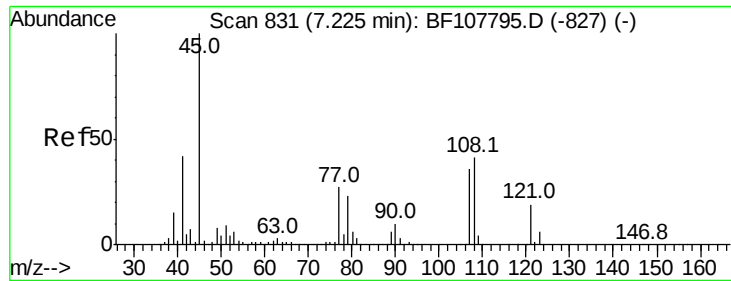
Ion Ratio Lower Upper

45 100

77 23.4 0.0 32.9

79 21.5 0.0 29.6





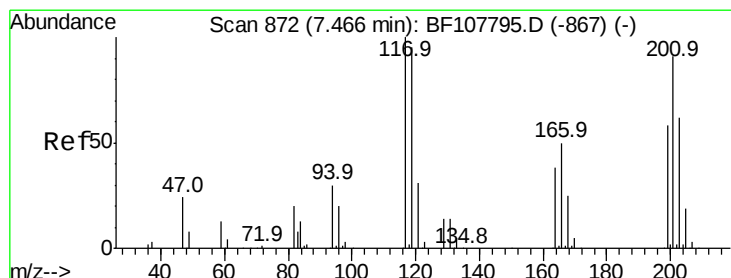
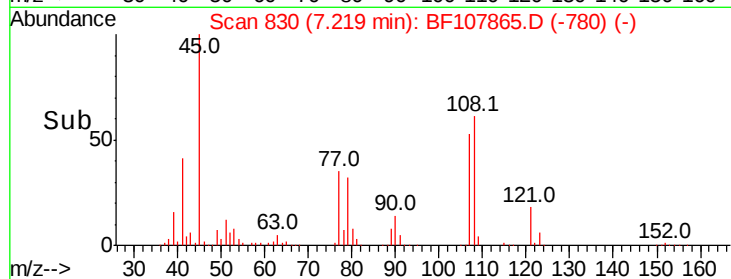
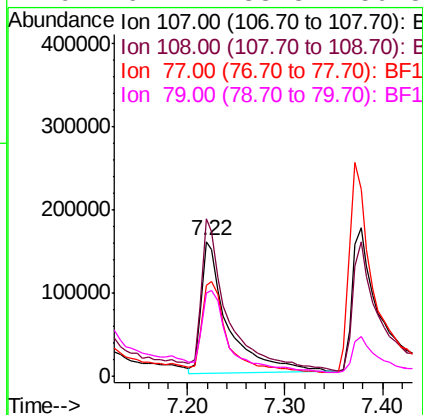
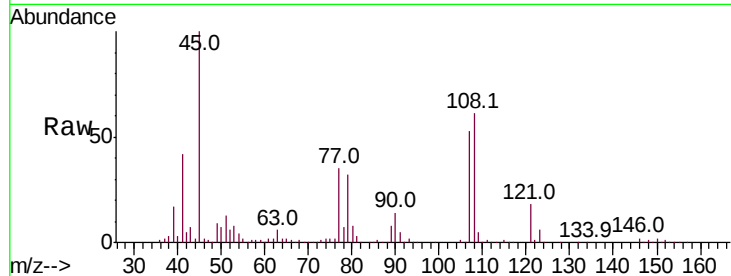
#17
2-Methylphenol
Concen: 33.547 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.6	91.7	137.5	
77	67.5	33.8	50.8#	
79	61.7	33.8	50.8#	

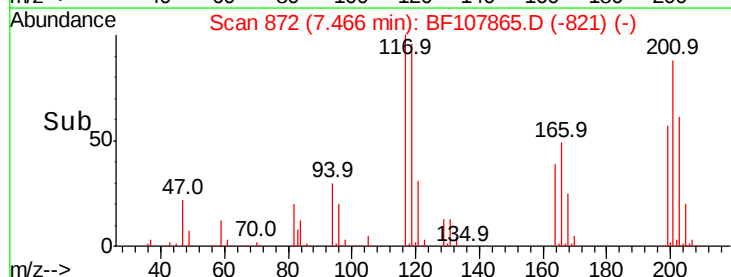
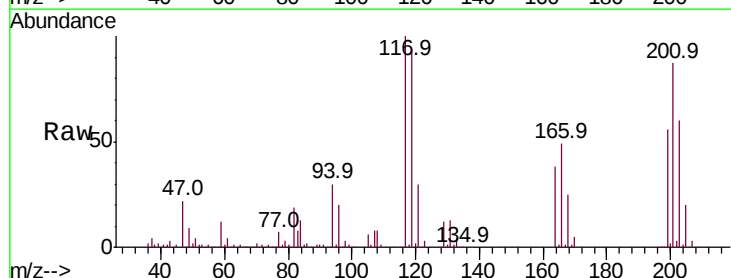
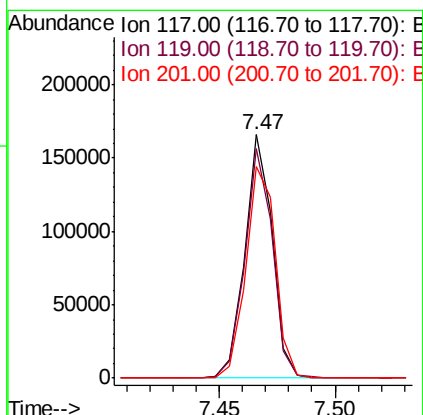
Manual Integrations
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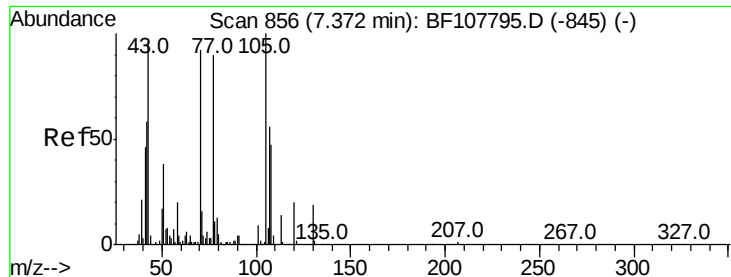
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#18
Hexachloroethane
Concen: 26.887 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.8	113.8	
201	87.1	75.7	113.5	





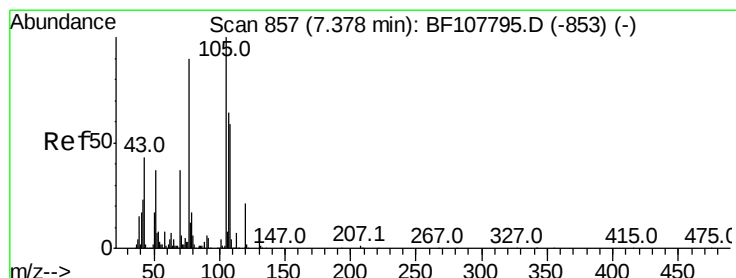
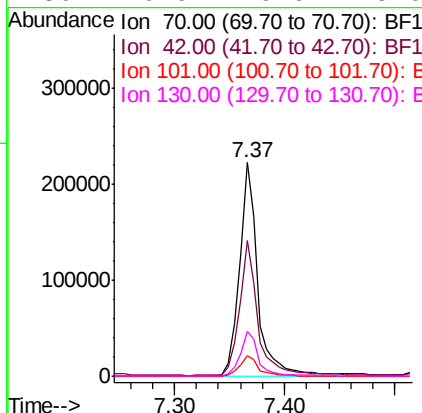
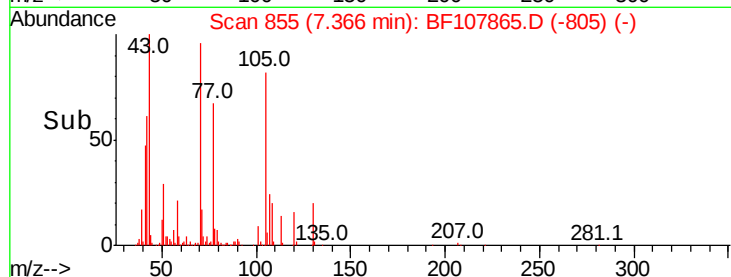
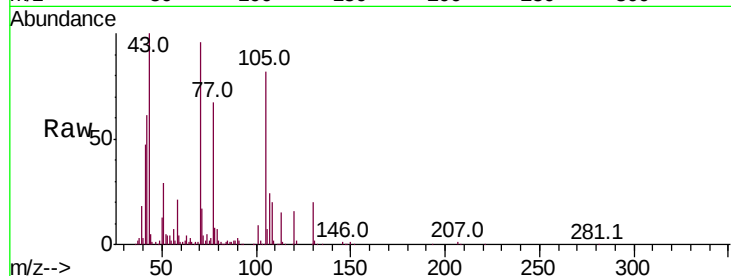
#19
n-Nitroso-di-n-propylamine
Concen: 31.903 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.5	71.3
101	9.6	7.4	11.2
130	20.9	16.6	25.0

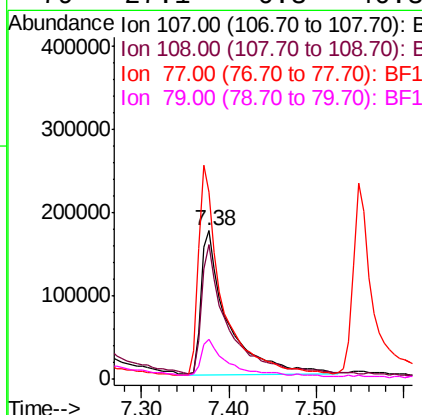
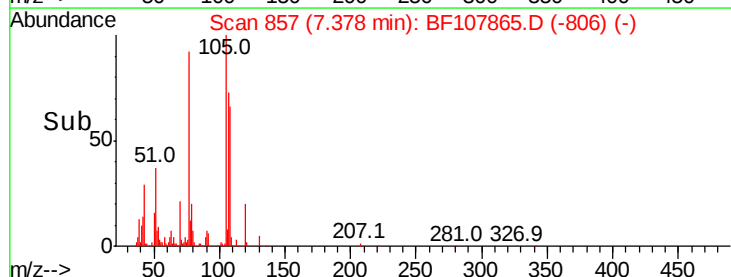
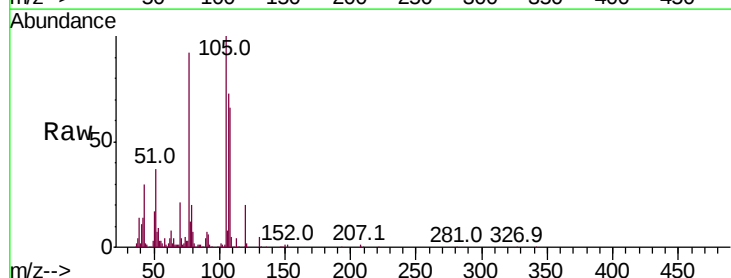
Manual Integrations
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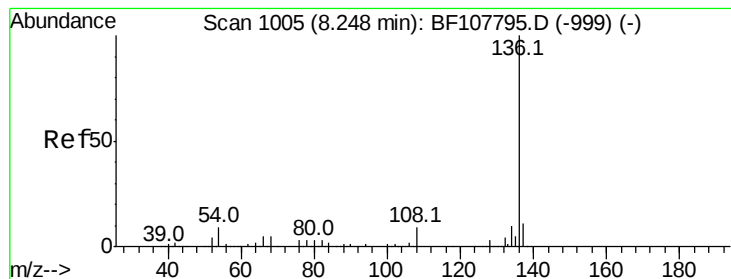
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#20
3+4-Methylphenols
Concen: 33.052 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	126.3	26.7	66.7#
79	27.1	6.3	46.3





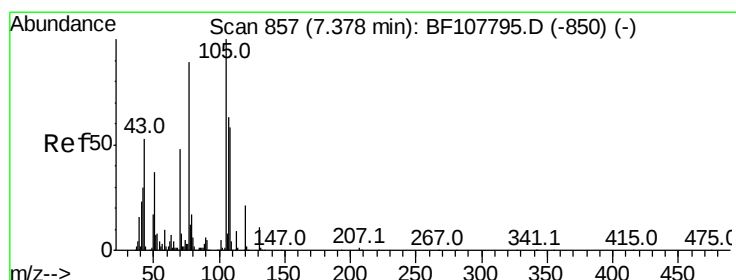
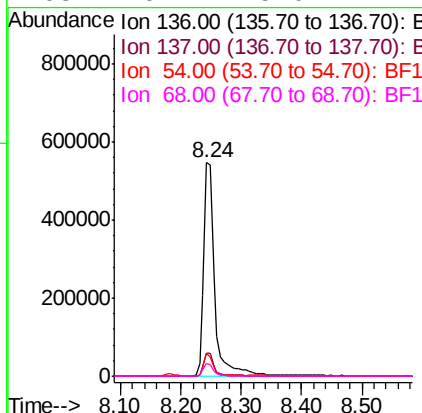
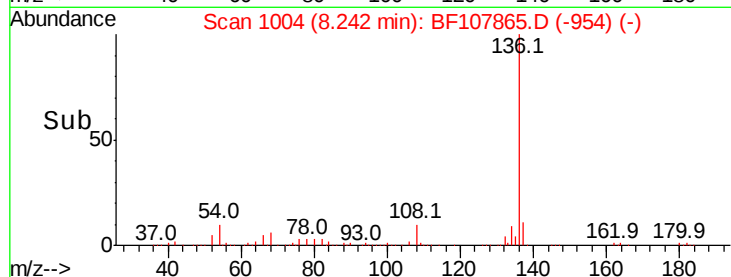
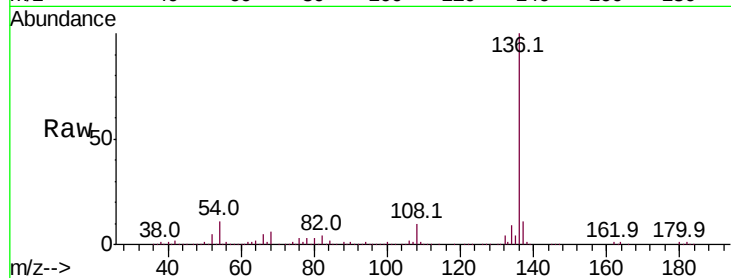
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	10.5	6.6	9.8#	
68	6.2	5.0	7.4	

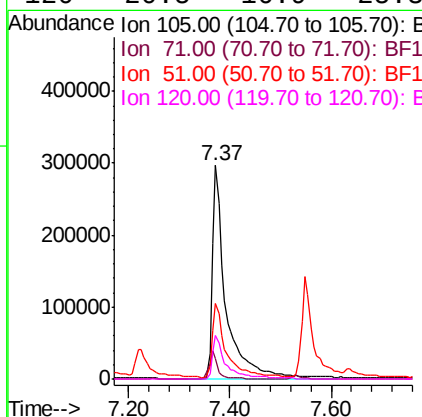
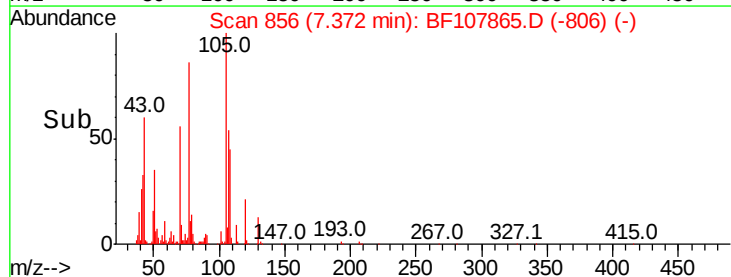
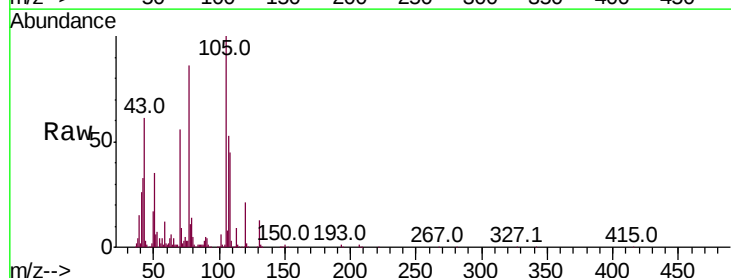
Manual Integrations
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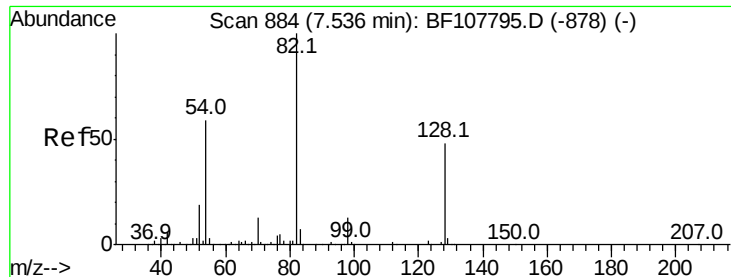
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#22
Acetophenone
Concen: 32.648 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.5	4.4	6.6#	
51	35.3	22.3	33.5#	
120	20.5	16.9	25.3	





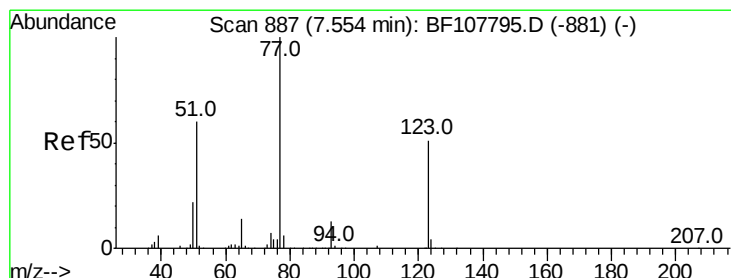
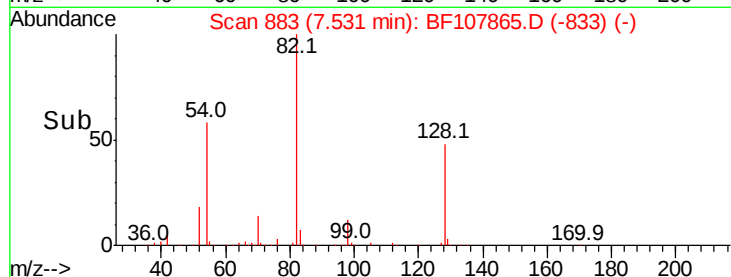
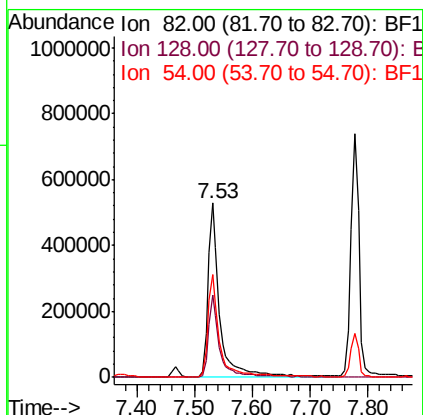
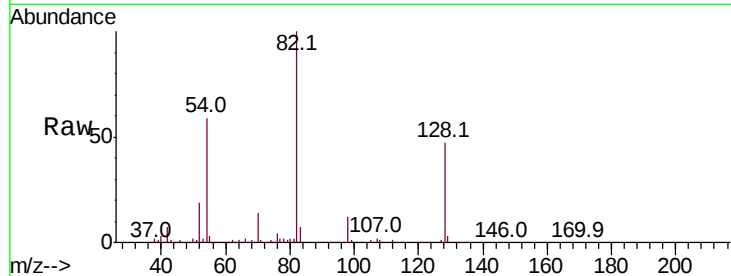
#23
Nitrobenzene-d5
Concen: 63.565 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	59.2	41.4	62.2

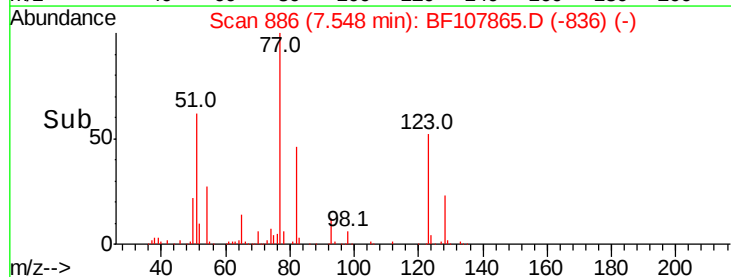
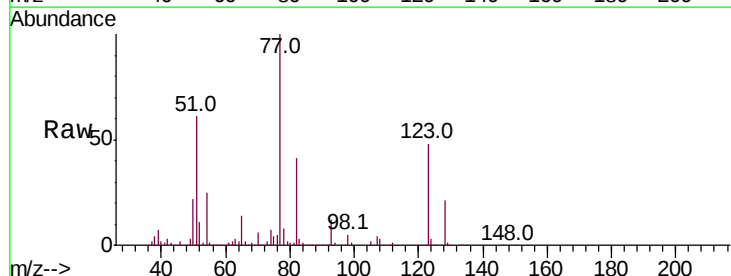
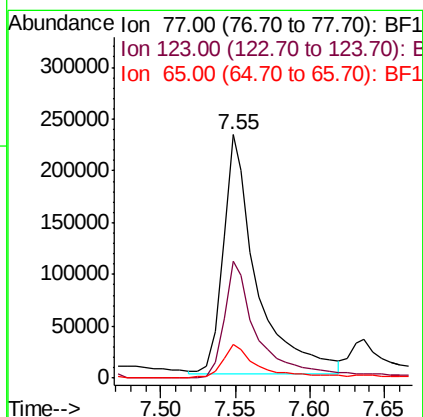
Manual Integrations
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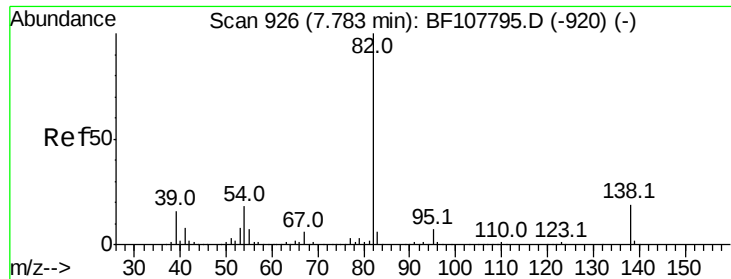
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#24
Nitrobenzene
Concen: 28.384 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.9	56.9
65	14.1	11.0	16.4





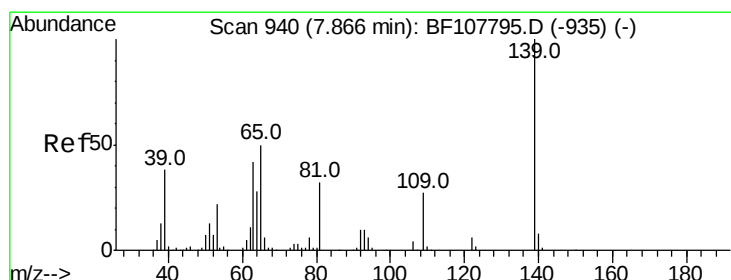
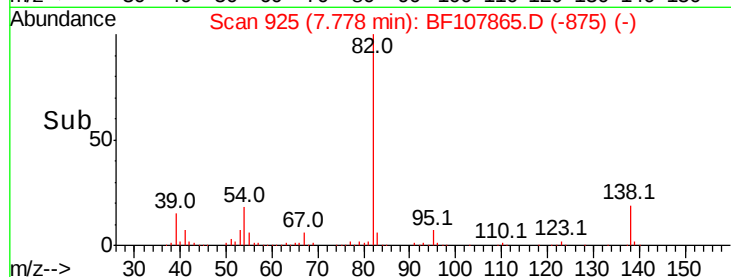
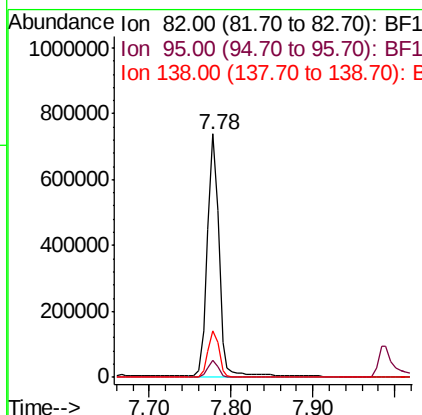
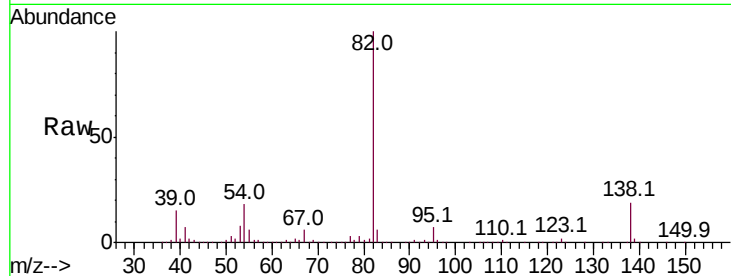
#25
Isophorone
Concen: 36.753 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	18.8	14.9	22.3

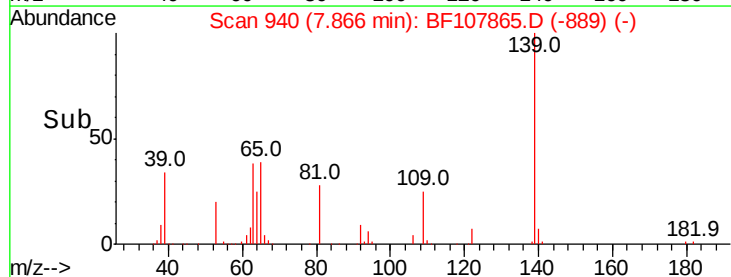
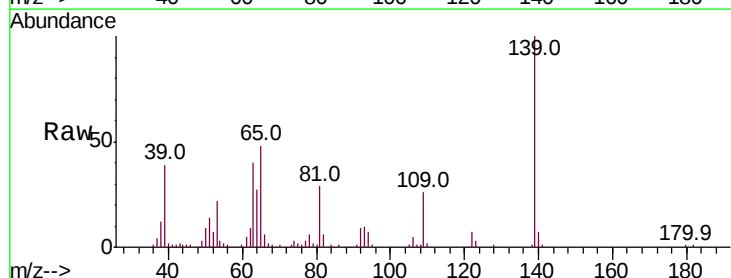
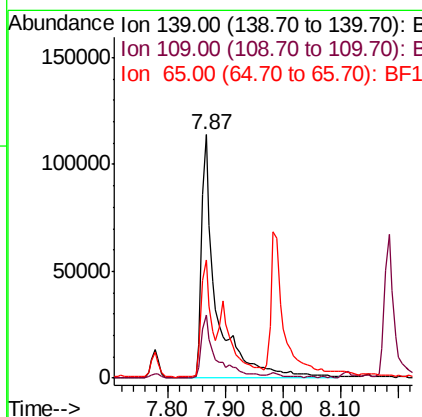
Manual Integrations
APPROVED

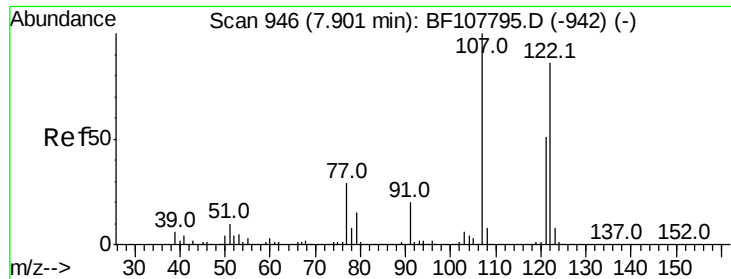
Sohil
8/1/2018 3:57:31 PM



#26
2-Nitrophenol
Concen: 32.129 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.8	22.7	34.1
65	48.5	40.5	60.7





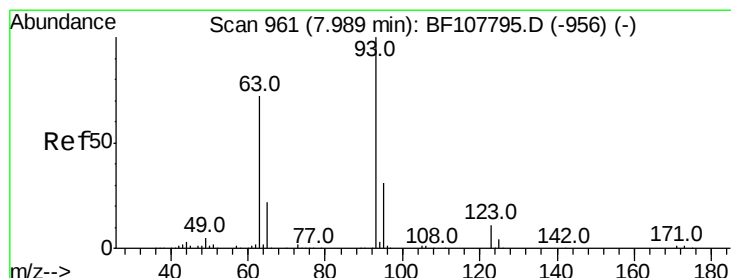
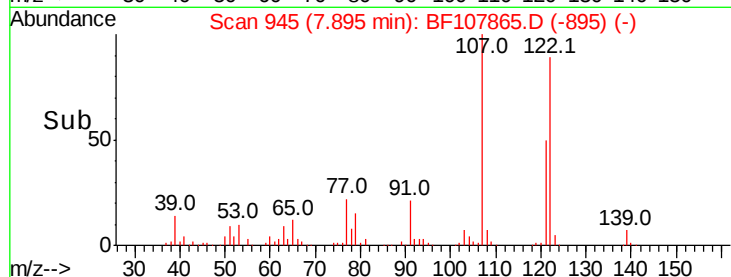
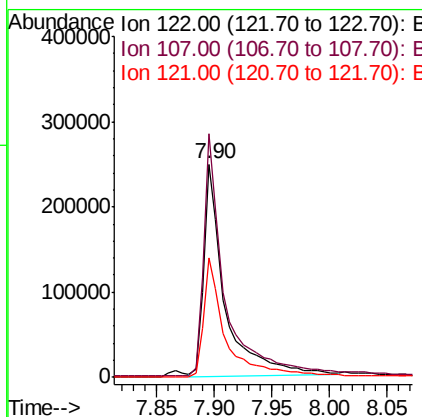
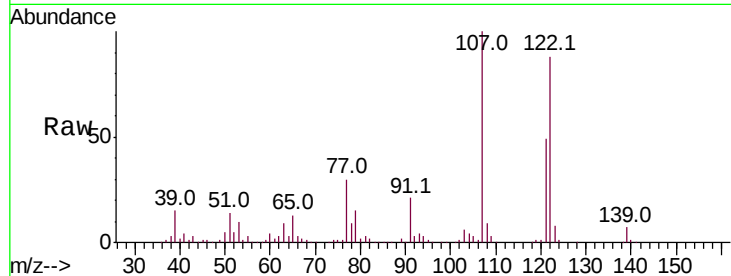
#27
2,4-Dimethylphenol
Concen: 37.305 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	56.2	47.2	70.8

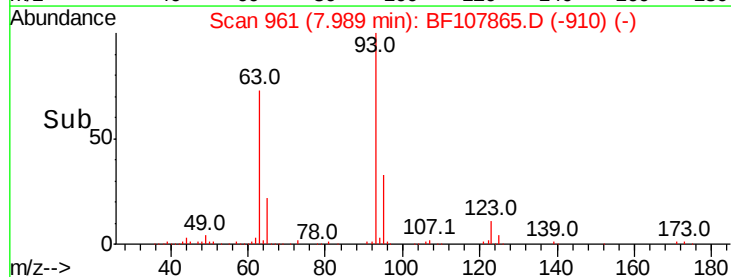
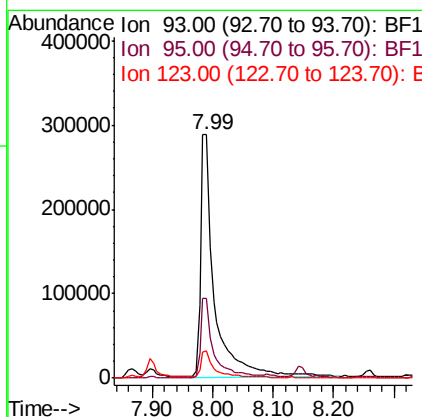
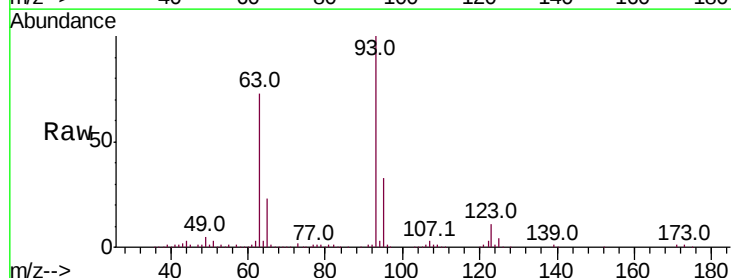
Manual Integrations
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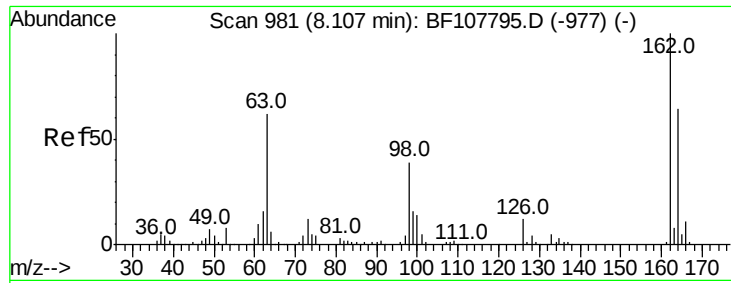
Sohil
8/1/2018 3:57:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.250 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.3	9.8	14.6





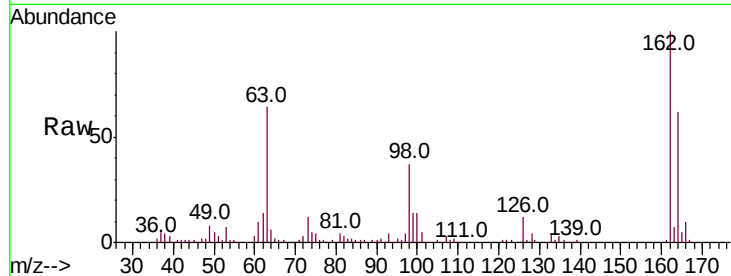
#29
2,4-Dichlorophenol
Concen: 32.557 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	317697		
164	61.8	42.7	82.7	
98	37.3	18.1	58.1	

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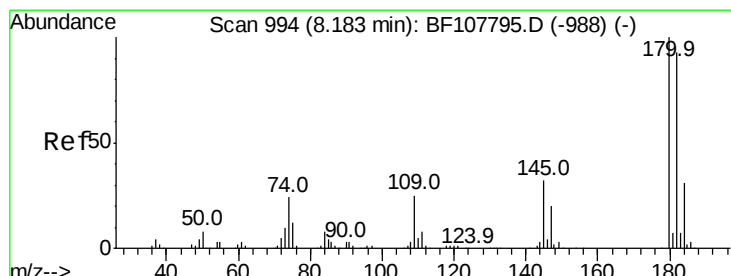
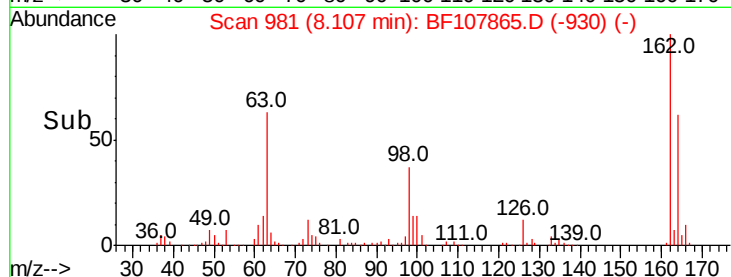
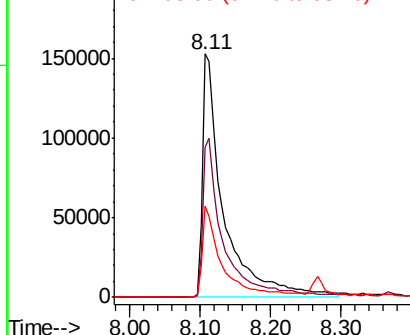


Abundance

Ion 162.00 (161.70 to 162.70): E

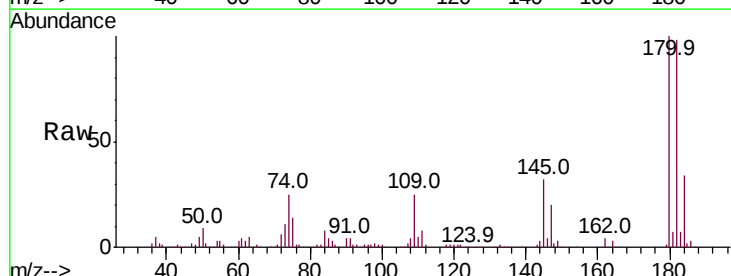
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 30.139 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335517		
182	97.6	76.8	115.2	
145	31.7	26.5	39.7	

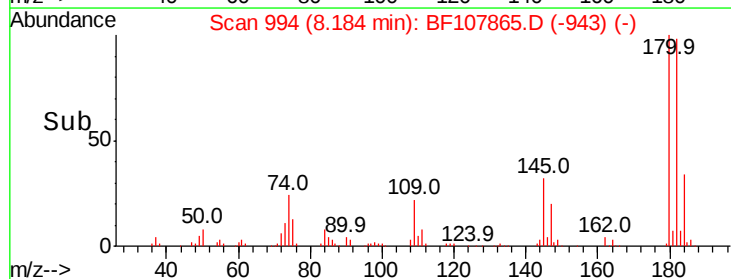
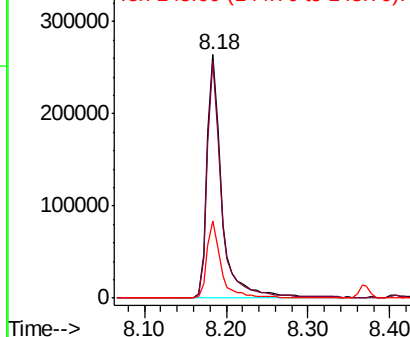


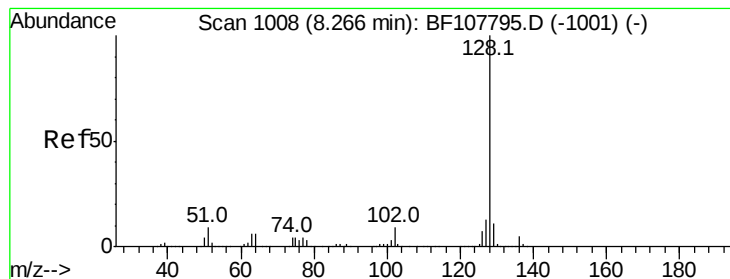
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.628 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

Tot Ion:128 Resp: 1135460

Ion Ratio Lower Upper

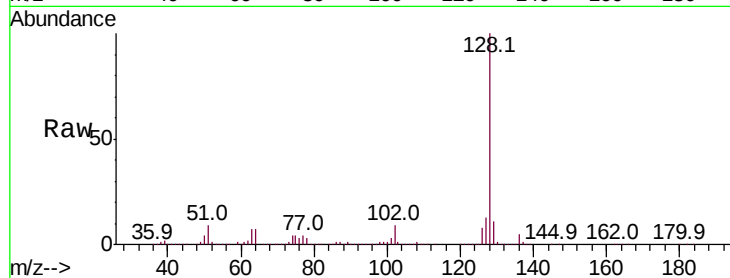
128 100

129 11.4 8.8 13.2

127 13.3 10.9 16.3

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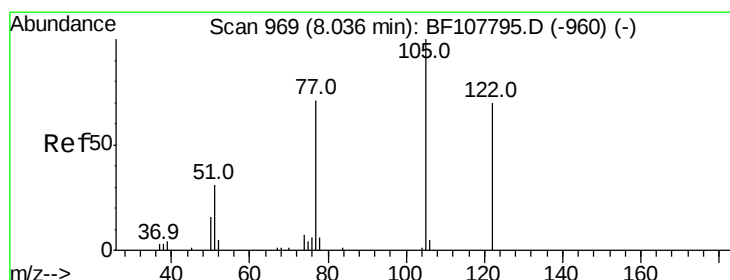
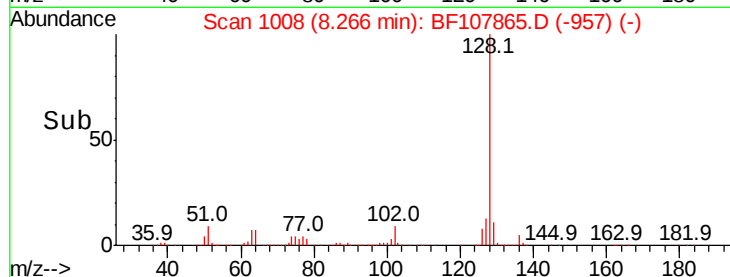
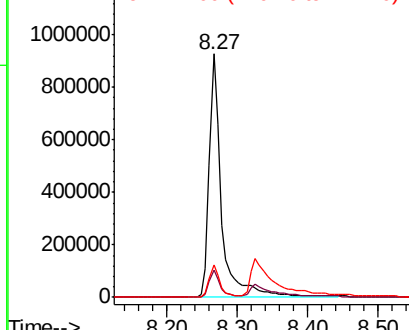


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.895 ng m

RT: 8.01 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

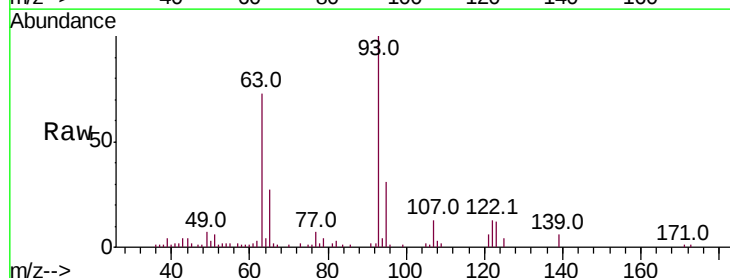
Tgt Ion:122 Resp: 20372

Ion Ratio Lower Upper

122 100

105 17.9 101.1 141.1#

77 53.9 70.7 110.7#

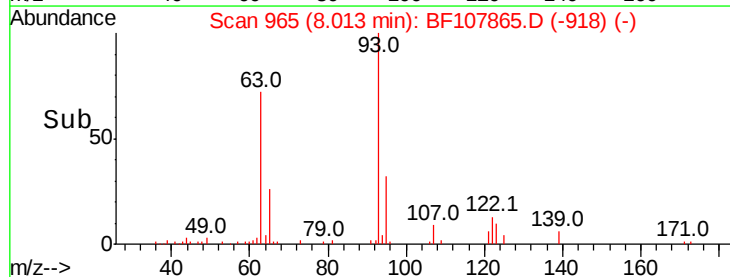
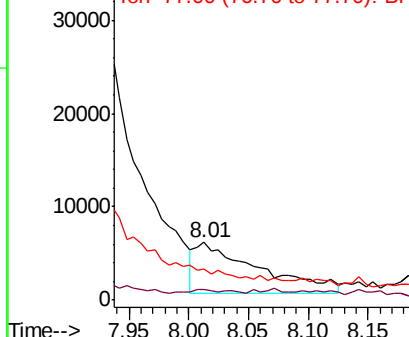


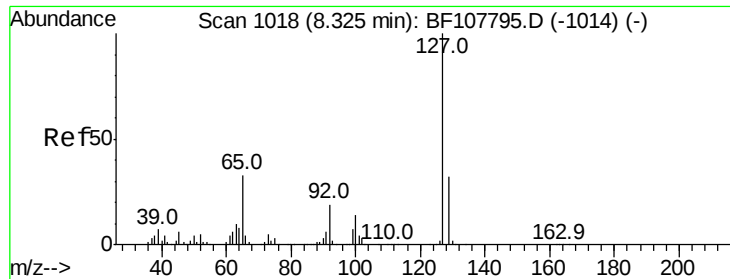
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





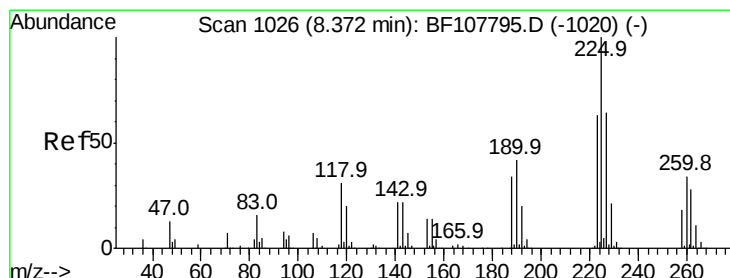
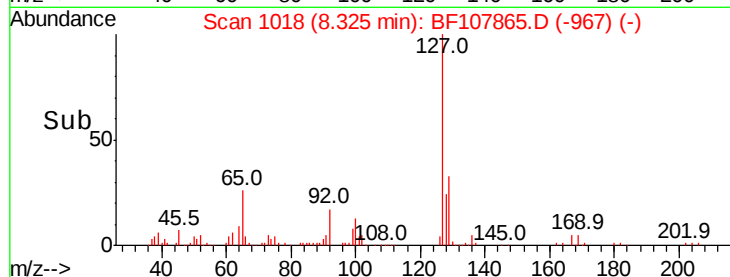
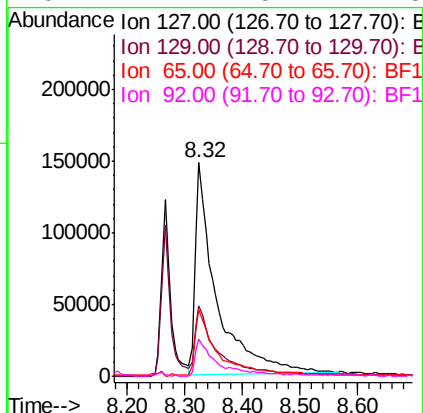
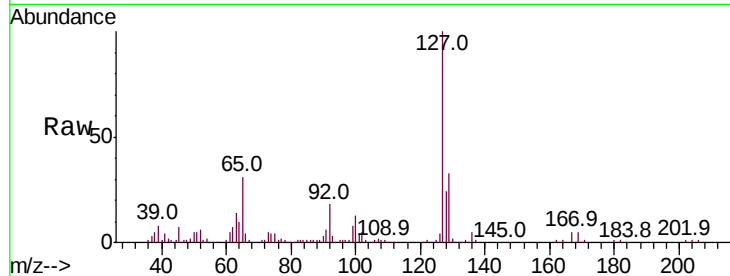
#33
4-Chloroaniline
Concen: 27.320 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.9	38.9	
65	31.3	25.0	37.4	
92	17.7	15.2	22.8	

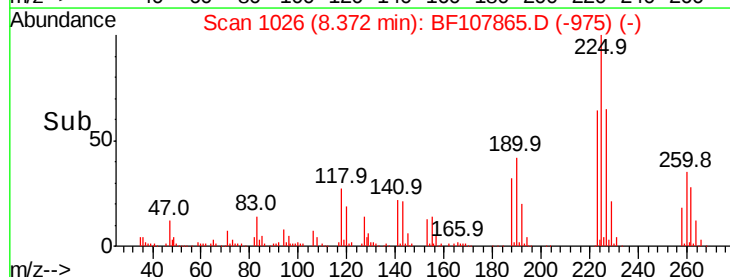
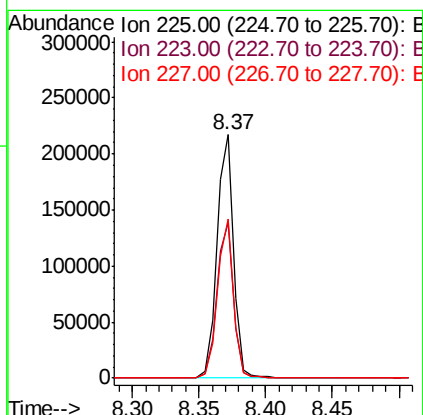
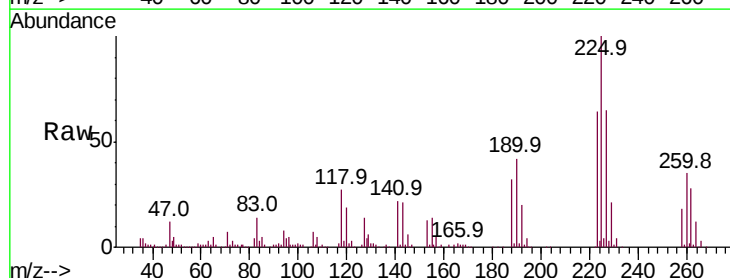
Manual Integrations
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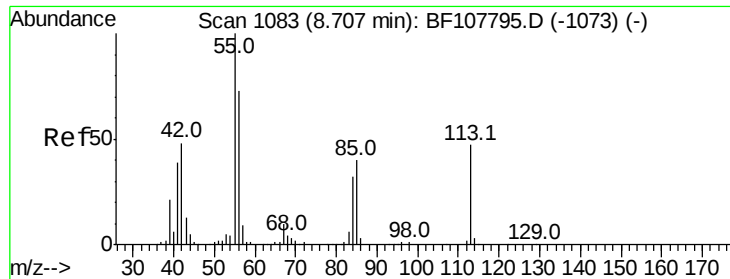
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#34
Hexachlorobutadiene
Concen: 27.868 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	50.6	76.0	
227	65.3	51.9	77.9	





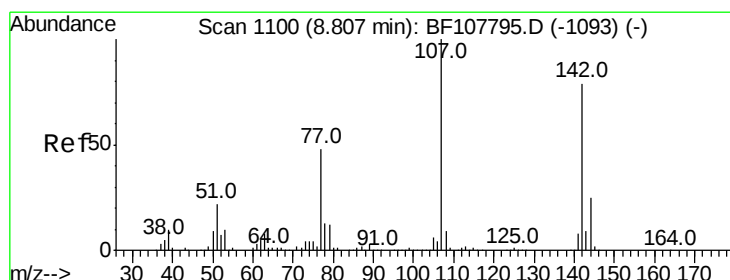
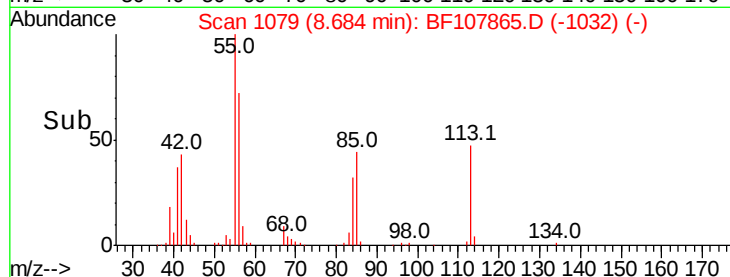
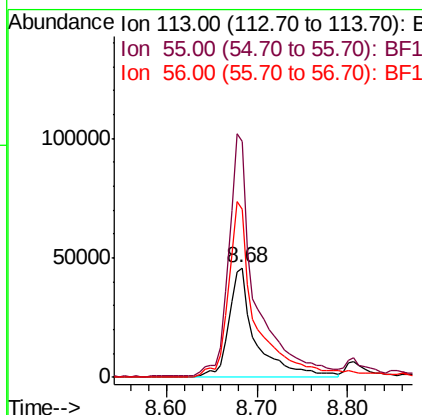
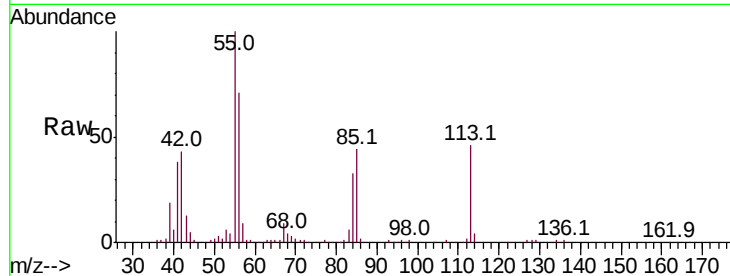
#35
 Caprolactam
 Concen: 32.416 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	215.7	163.3	203.3#
56	154.2	115.7	155.7

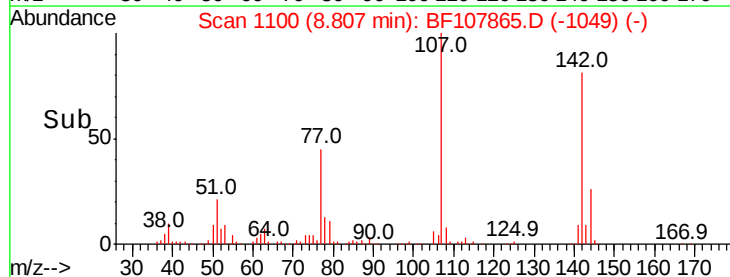
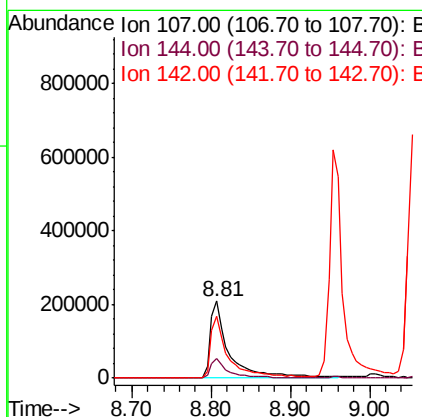
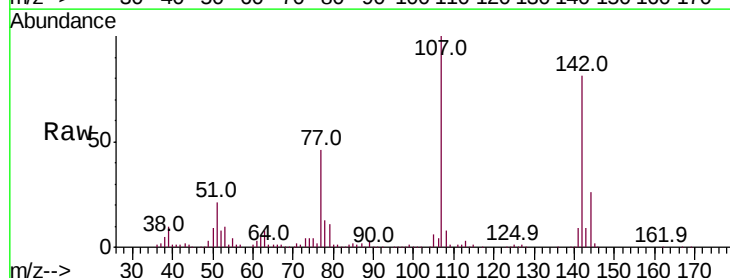
Manual Integrations
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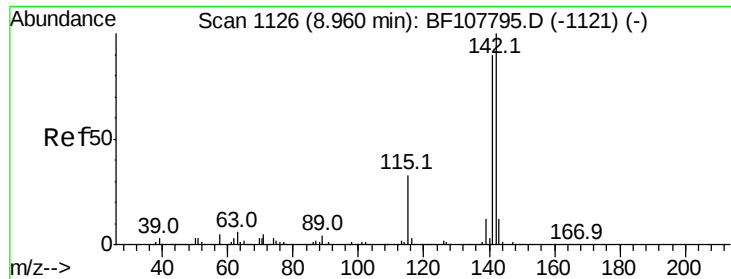
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#36
 4-Chloro-3-methylphenol
 Concen: 32.224 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	81.0	62.0	93.0





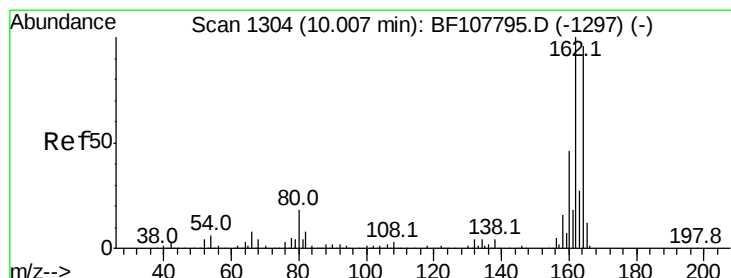
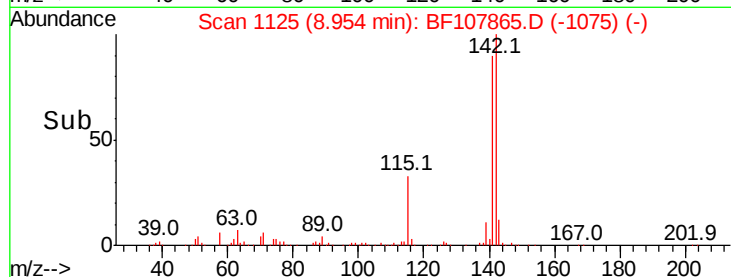
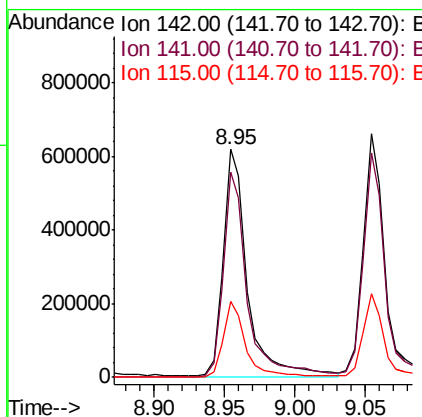
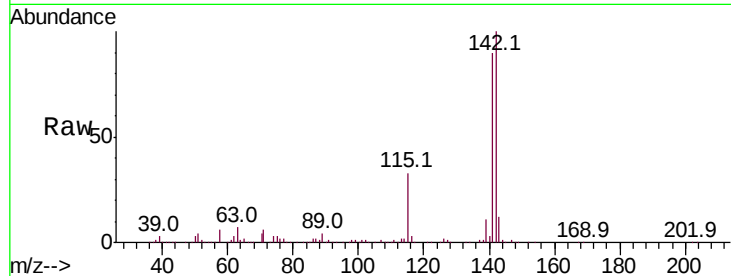
#37
2-Methylnaphthalene
Concen: 35.720 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	735737		
141	90.2	70.8	106.2	
115	33.1	26.1	39.1	

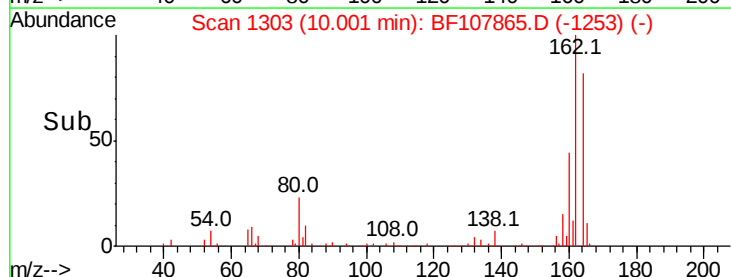
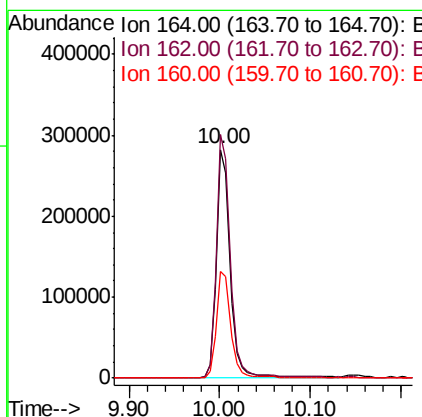
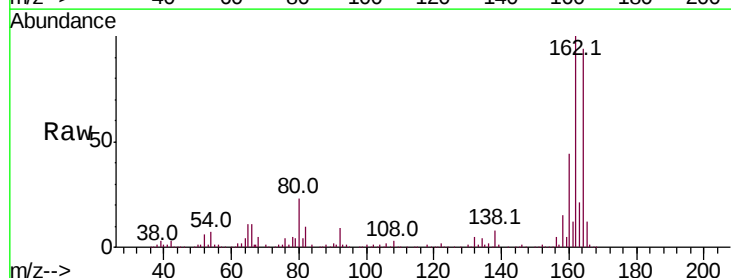
Manual Integrations
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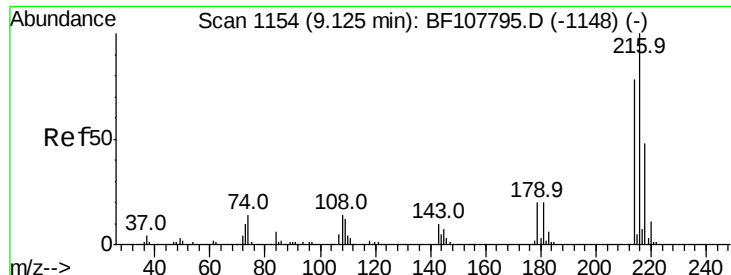
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	299549		
162	106.4	86.1	129.1	
160	46.4	38.3	57.5	





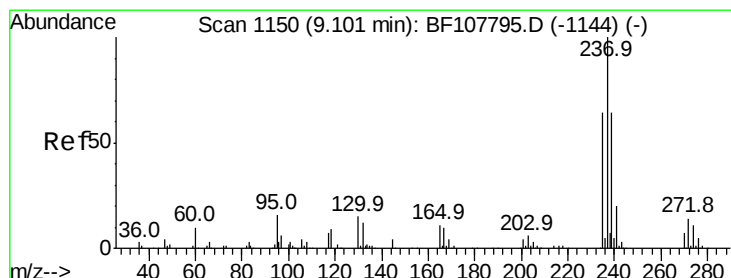
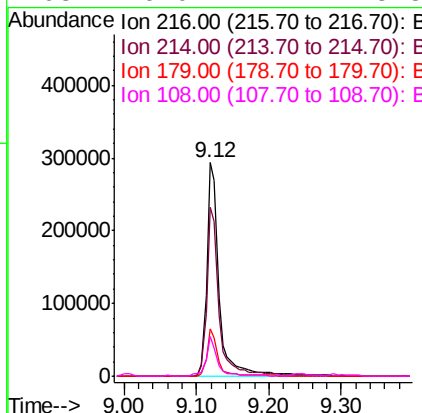
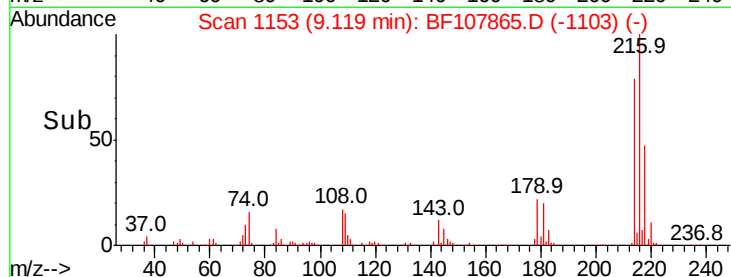
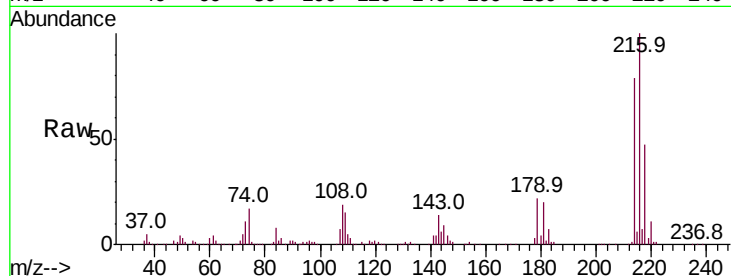
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.380 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.5	18.1	27.1
108	16.0	17.2	25.8

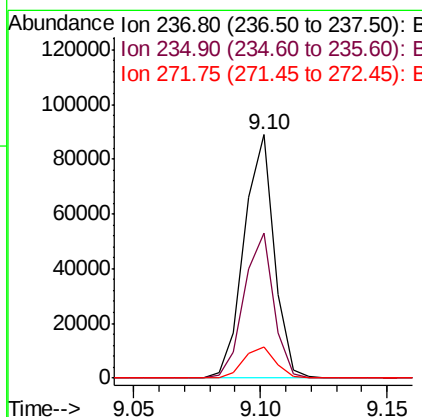
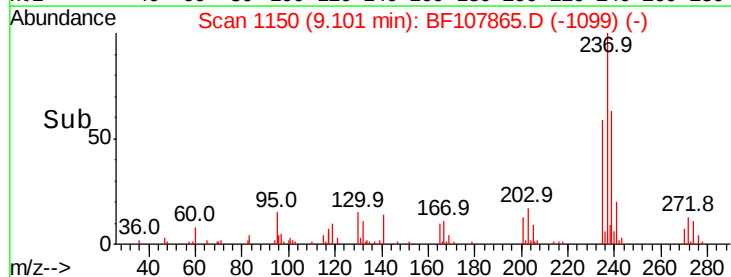
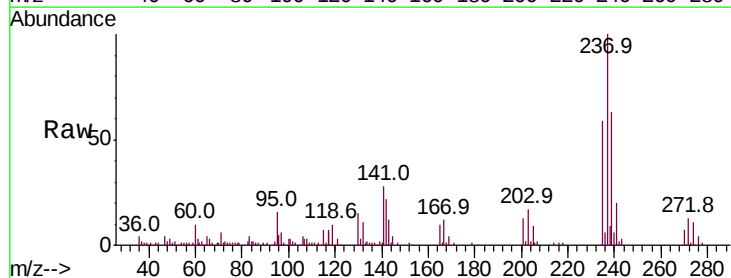
Manual Integrations
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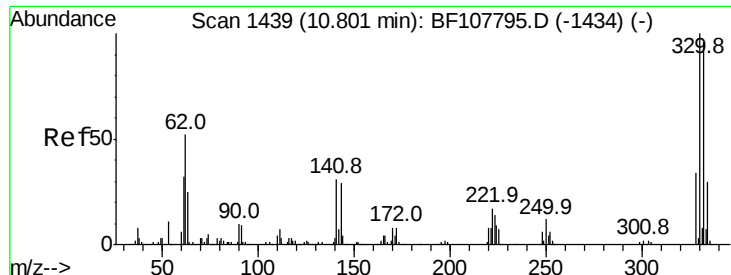
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#40
 Hexachlorocyclopentadiene
 Concen: 22.526 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	59.4	44.8	84.8
272	12.7	0.0	33.3





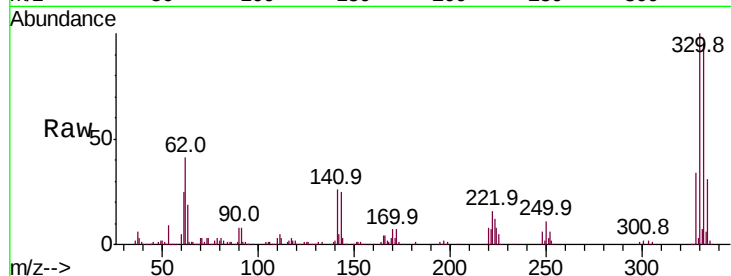
#41
 2,4,6-Tribromophenol
 Concen: 83.645 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

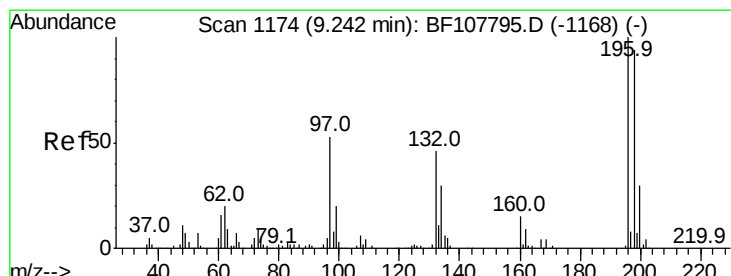
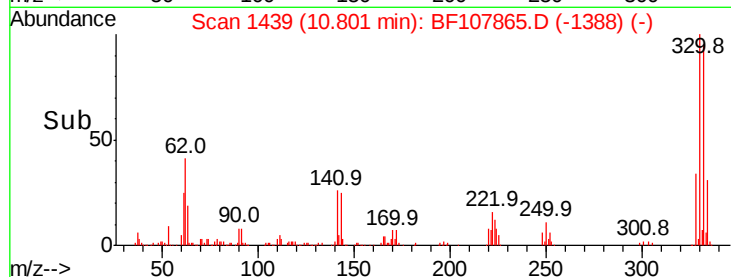
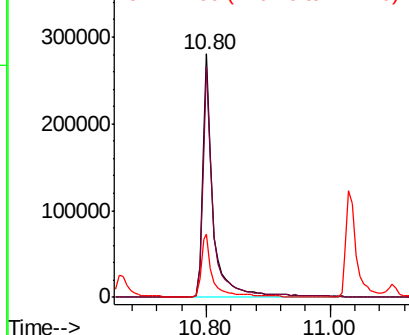
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.9	77.0	115.6	
141	25.8	29.9	44.9	

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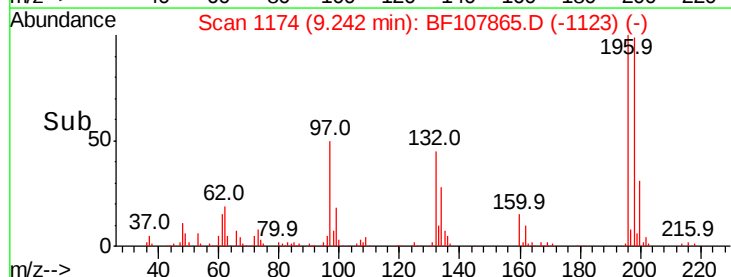
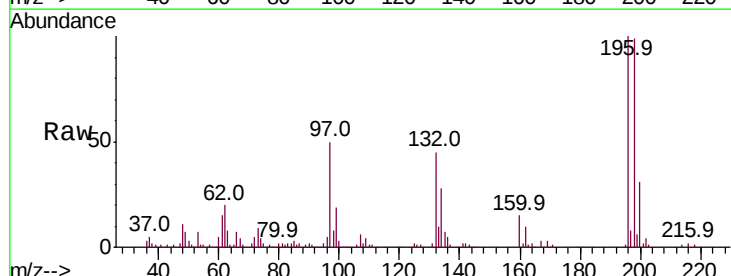
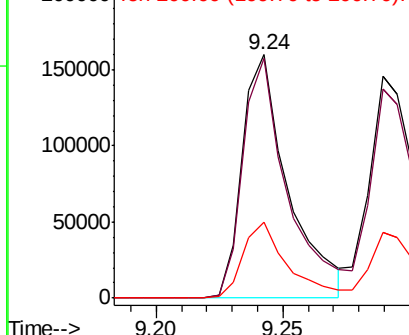
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

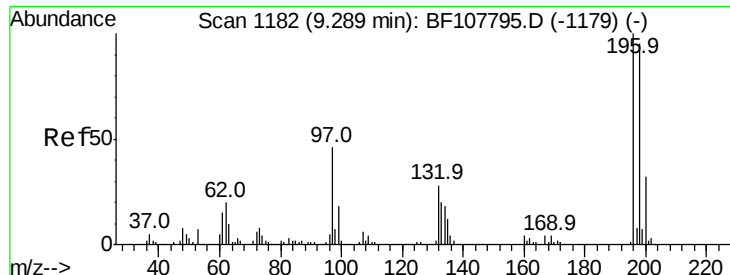


#42
 2,4,6-Trichlorophenol
 Concen: 35.696 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.7	75.7	113.5	
200	31.3	24.5	36.7	

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





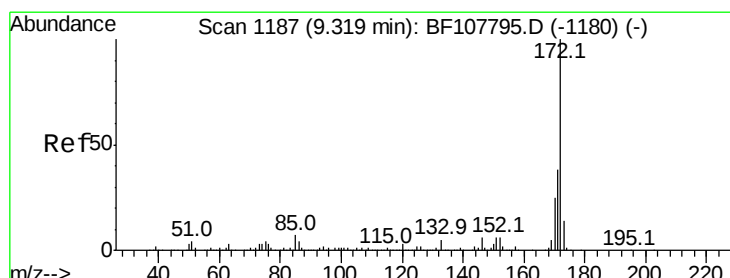
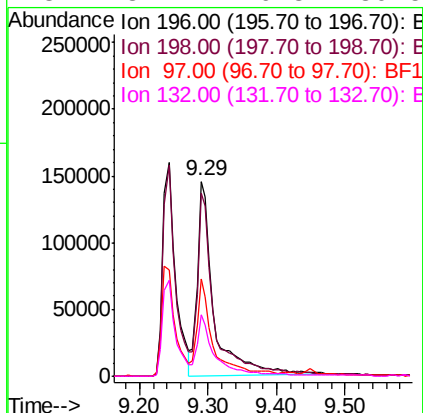
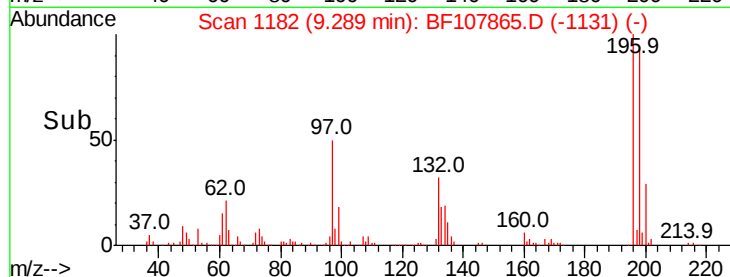
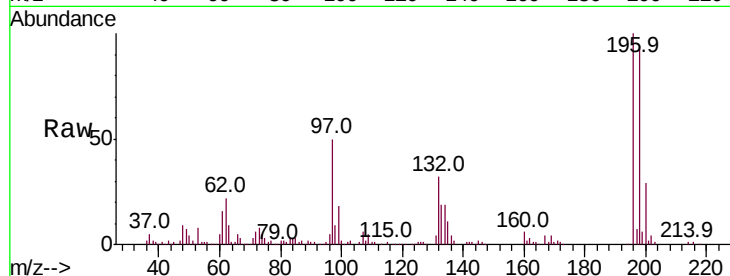
#43
 2,4,5-Trichlorophenol
 Concen: 36.422 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	196	Resp	247571
Ion Ratio	Lower	Upper	
196	100		
198	93.8	74.6	112.0
97	50.0	42.9	64.3
132	31.7	26.3	39.5

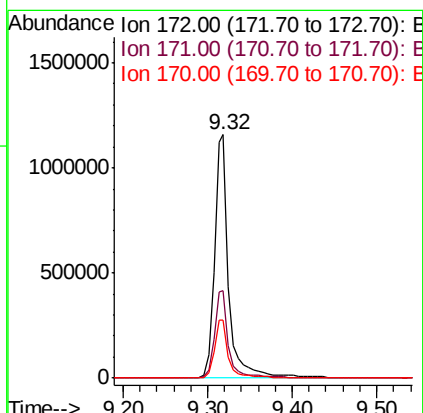
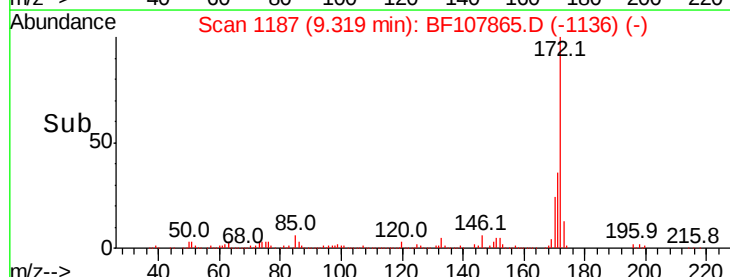
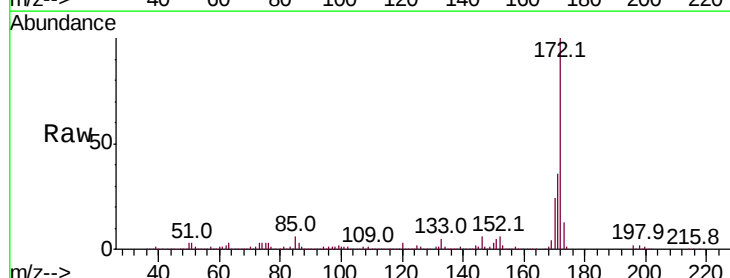
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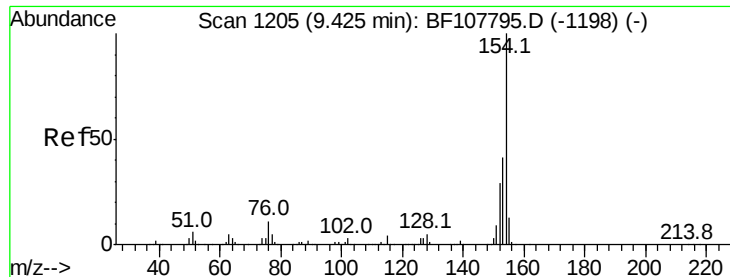
Sohil
 8/1/2018 3:57:31 PM



#44
 2-Fluorobiphenyl
 Concen: 65.002 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	172	Resp	1397294
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4





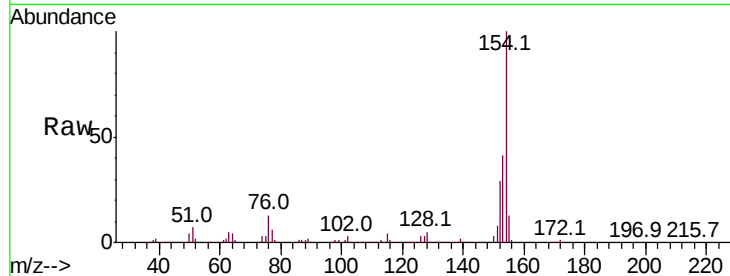
#45
 1,1'-Biphenyl
 Concen: 34.281 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.3	61.3	
76	12.6	0.0	34.0	

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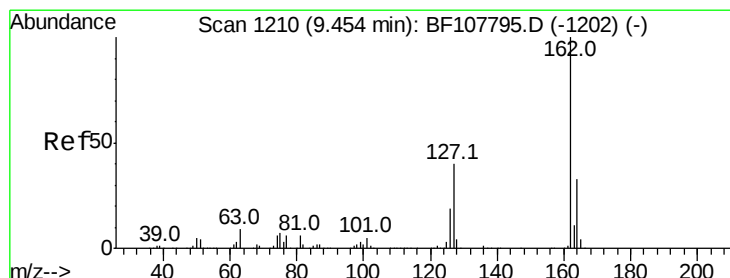
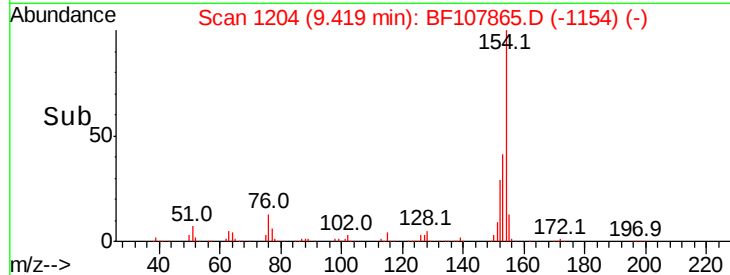
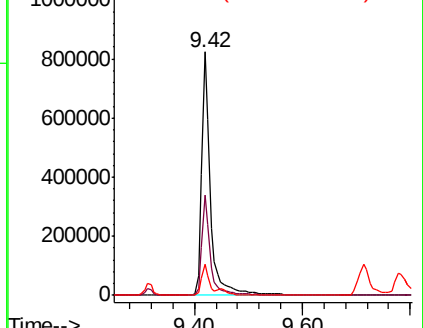


Abundance

Ion 154.00 (153.70 to 154.70): E

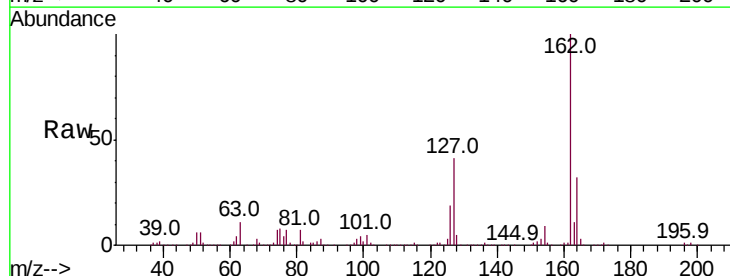
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 33.119 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	33.9	50.9	
164	32.5	26.5	39.7	

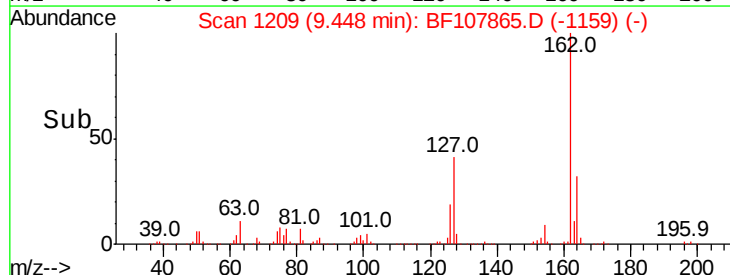
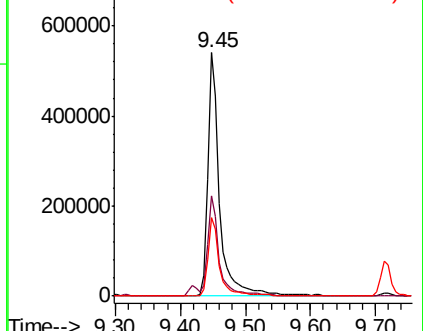


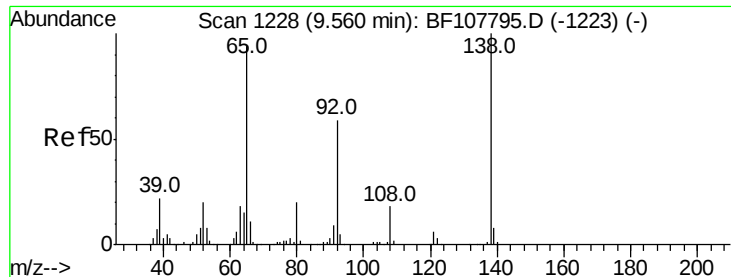
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





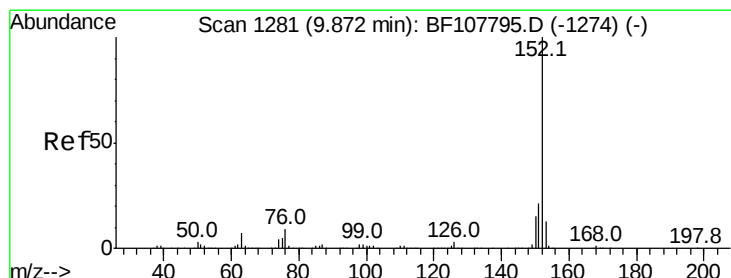
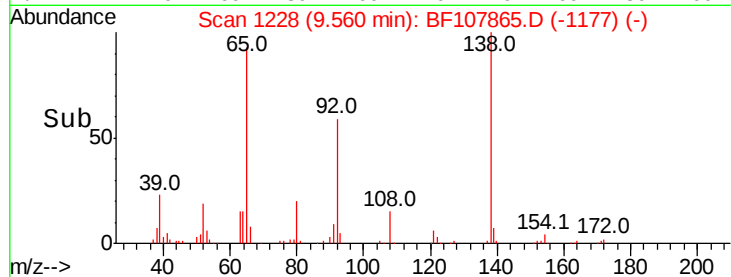
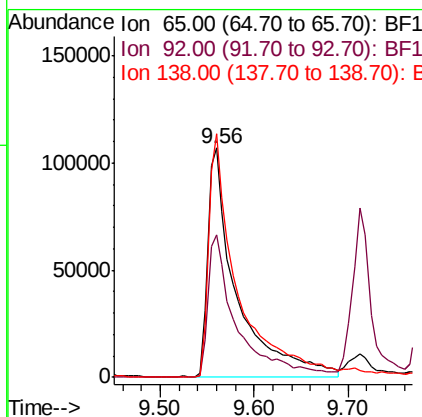
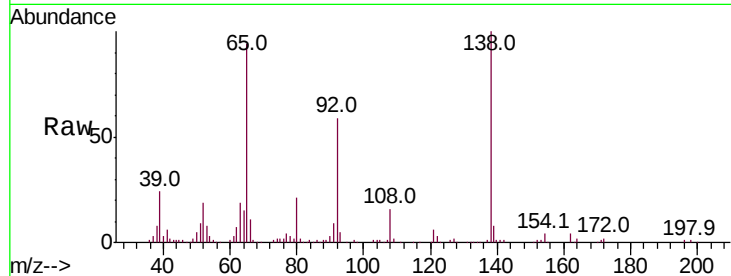
#47
2-Nitroaniline
Concen: 34.095 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	55.8	83.6
138	106.3	91.2	136.8

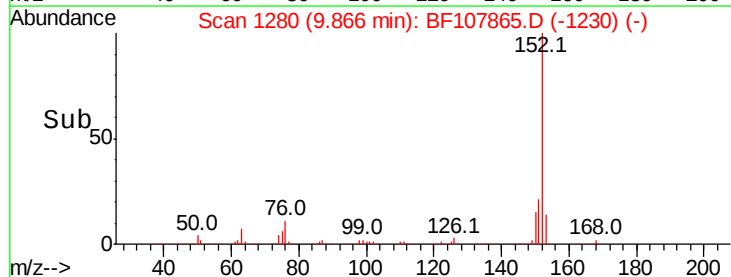
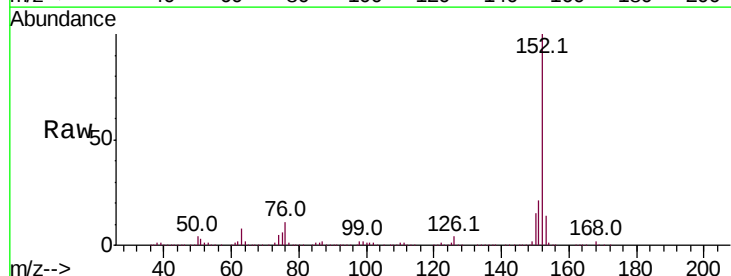
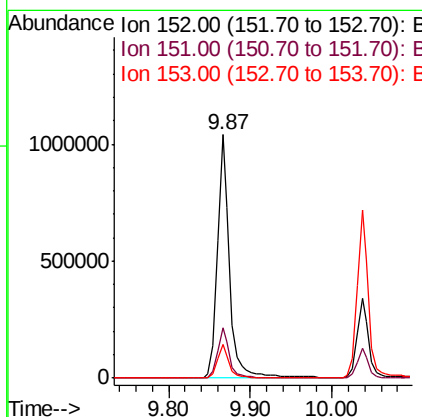
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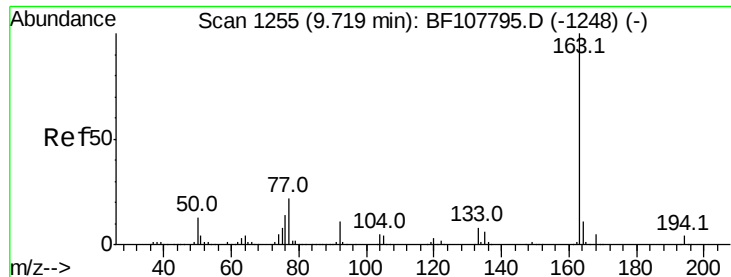
Sohil
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#48
Acenaphthylene
Concen: 34.046 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.6	10.7	16.1





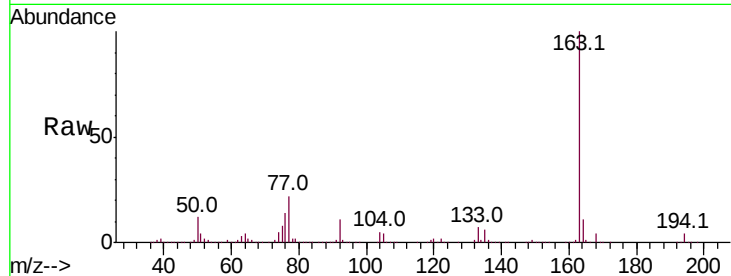
#49
Dimethylphthalate
Concen: 38.960 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

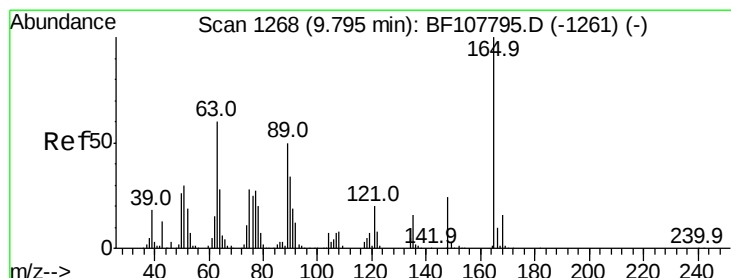
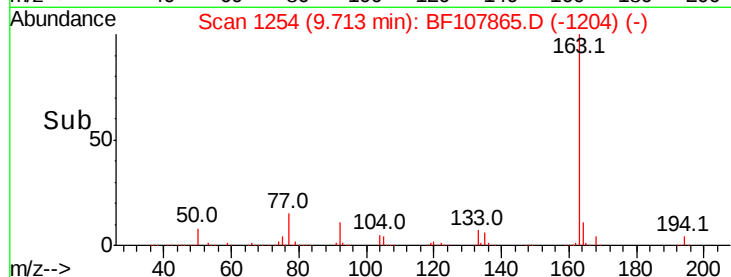
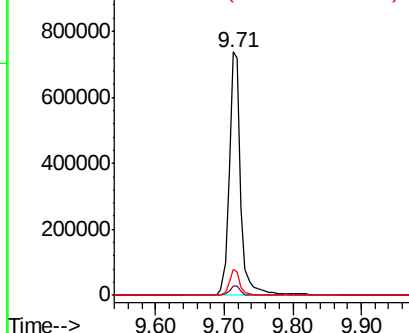
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	10.5	8.2	12.2	

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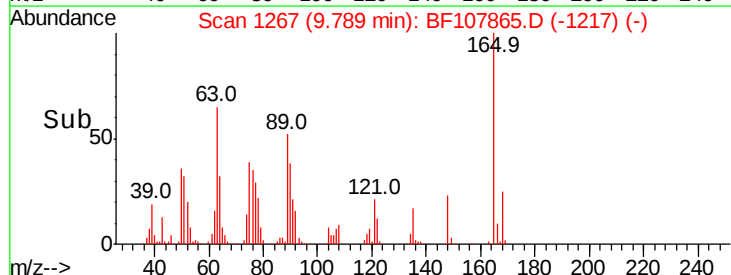
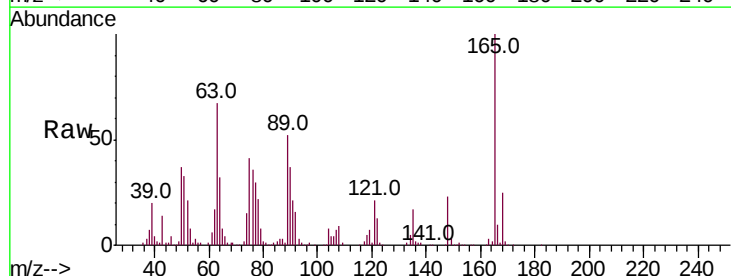
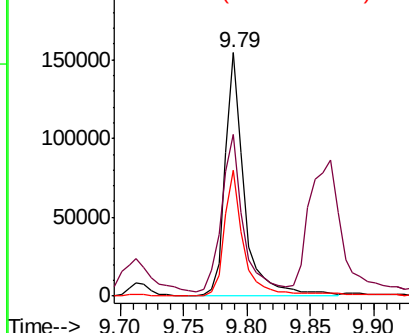
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

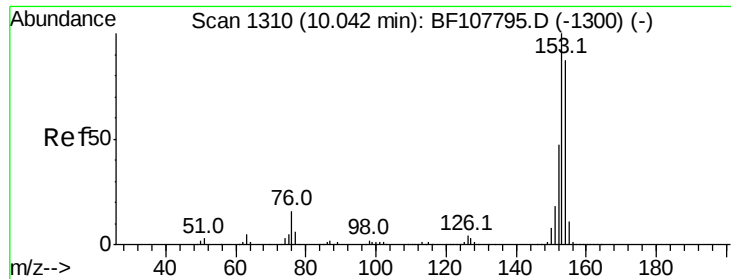


#50
2,6-Dinitrotoluene
Concen: 32.835 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.5	44.7	67.1	
89	51.7	44.0	66.0	

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





#51

Acenaphthene

Concen: 33.729 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

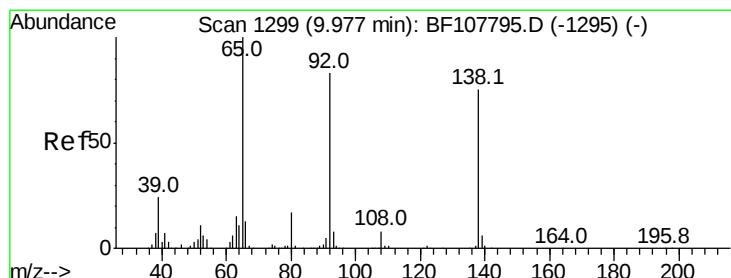
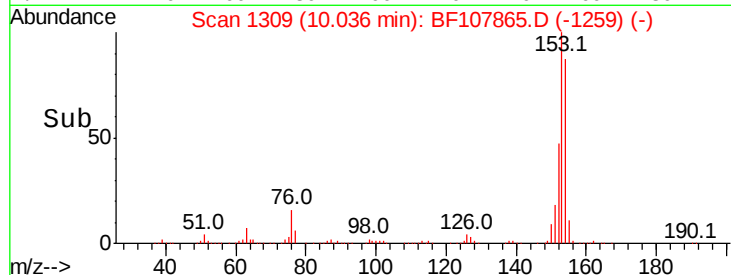
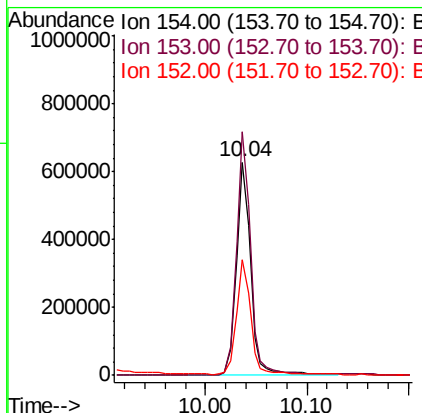
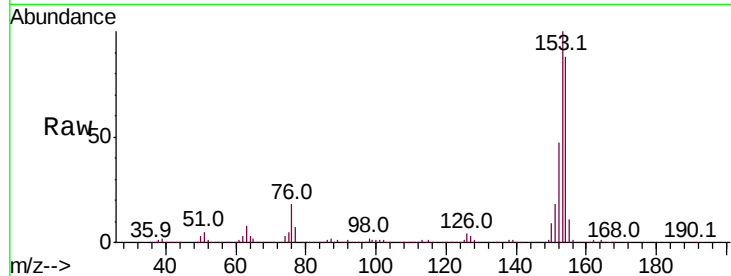
ClientSampleId :

FK-GF-01-010-AMS

Tot Ion:	154	Resp:	624434
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.2	136.8
152	54.2	43.8	65.8

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#52

3-Nitroaniline

Concen: 27.536 ng

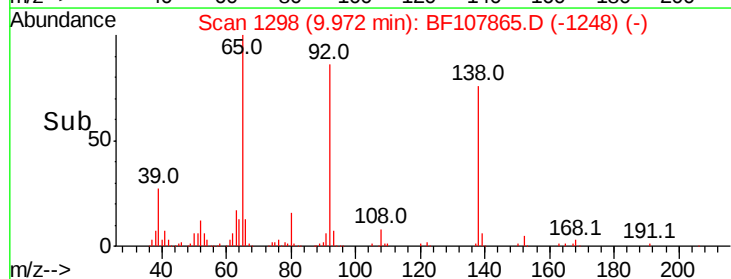
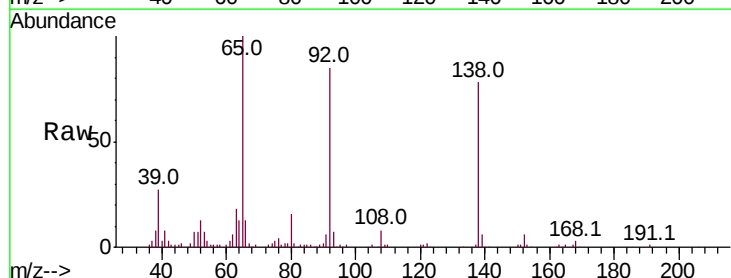
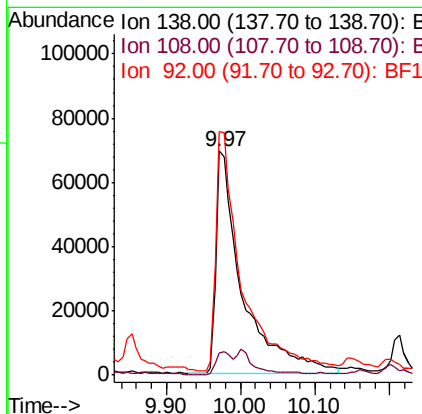
RT: 9.97 min Scan# 1298

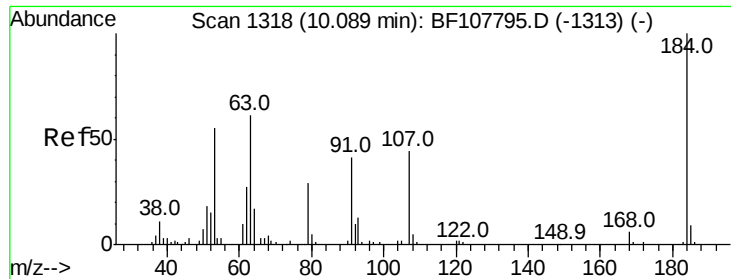
Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion:	138	Resp:	169635
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	108.6	89.4	134.2





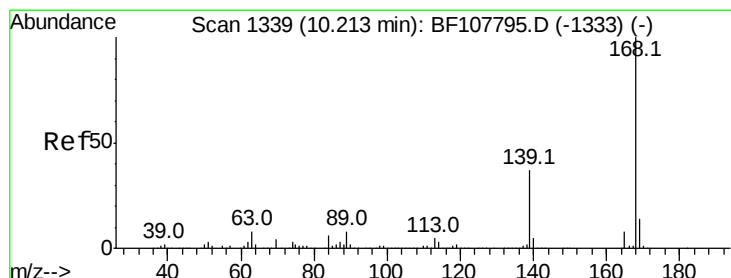
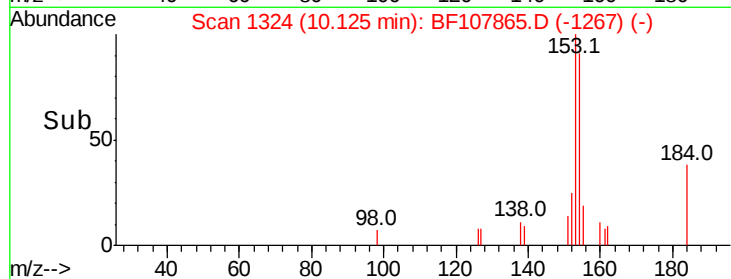
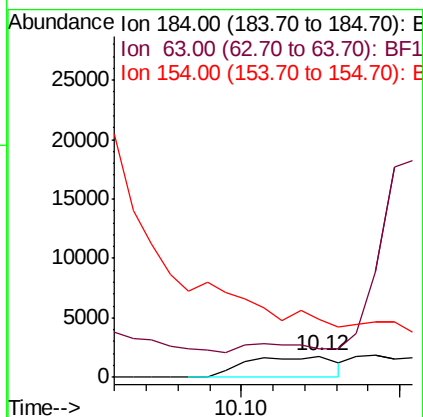
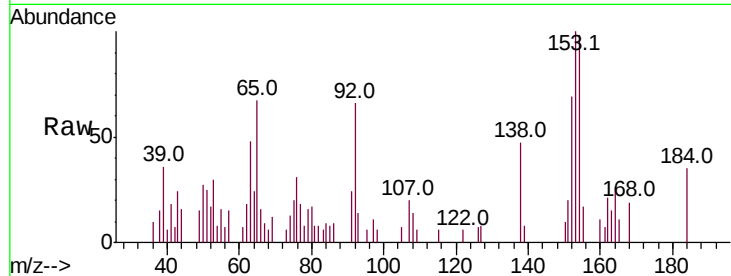
#53
 2,4-Dinitrophenol
 Concen: 9.616 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.04 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	137.6	54.2	81.2#
154	278.8	184.0	276.0#

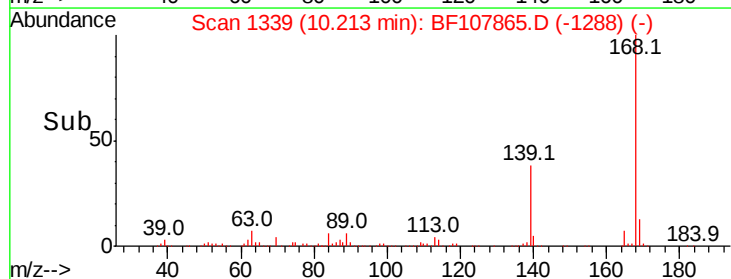
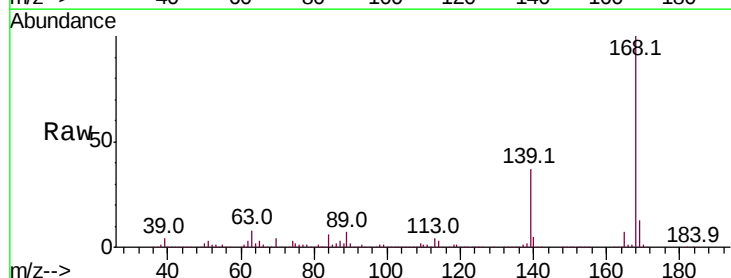
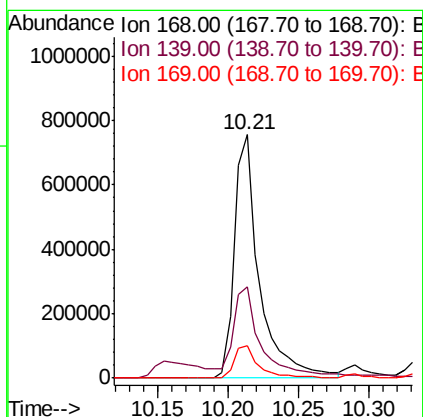
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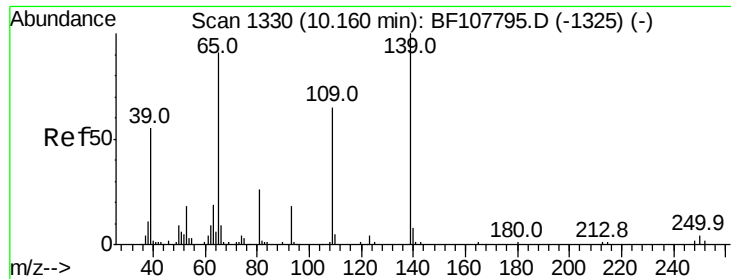
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#54
 Dibenzofuran
 Concen: 32.475 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	13.2	10.9	16.3





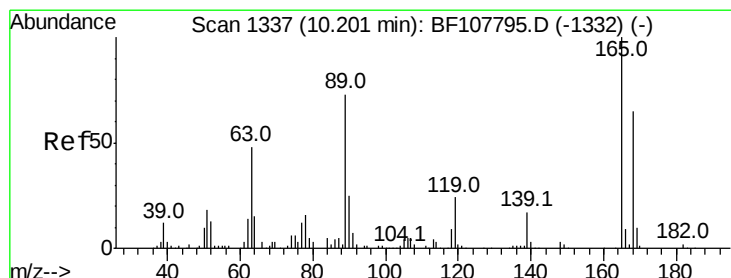
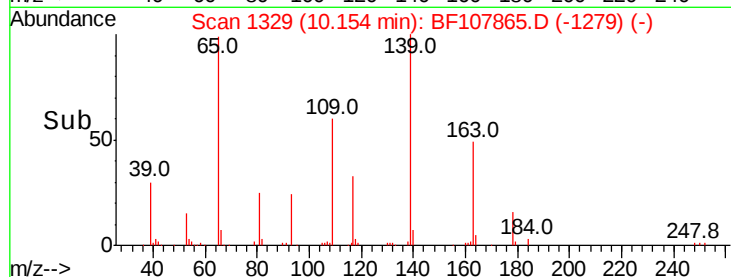
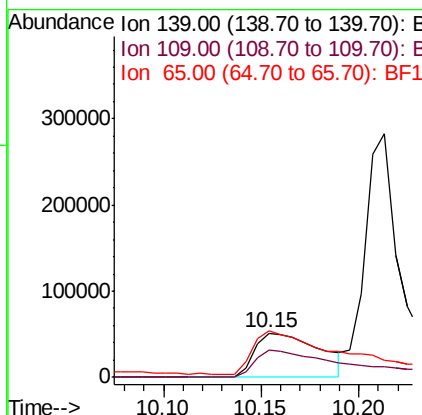
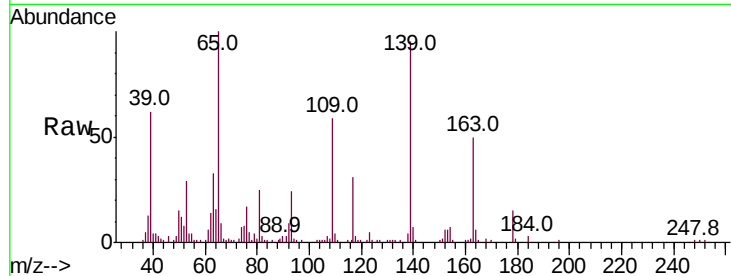
#55
4-Nitrophenol
Concen: 45.195 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.2	48.4	88.4
65	105.3	72.6	112.6

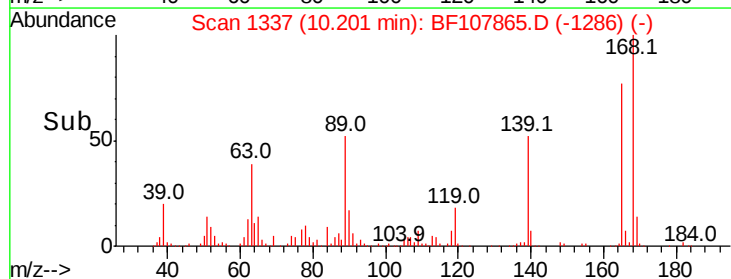
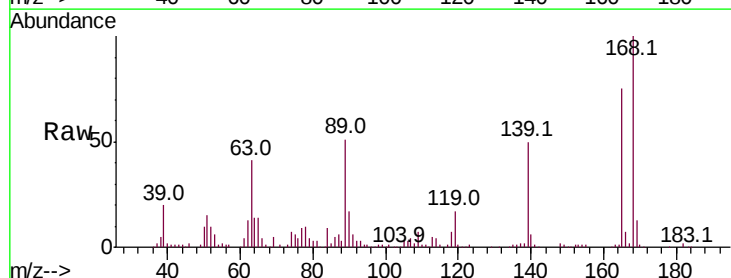
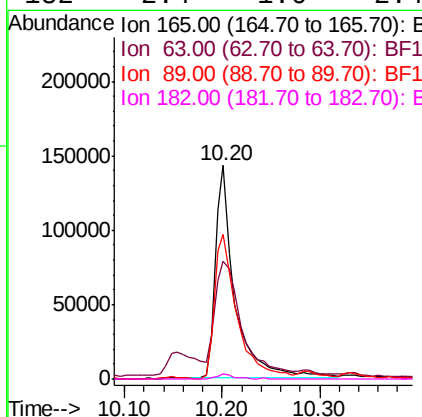
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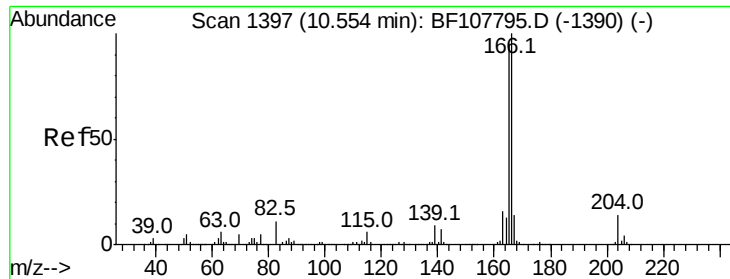
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#56
2,4-Dinitrotoluene
Concen: 30.805 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	36.4	54.6#
89	67.7	57.8	86.6
182	2.4	1.6	2.4#





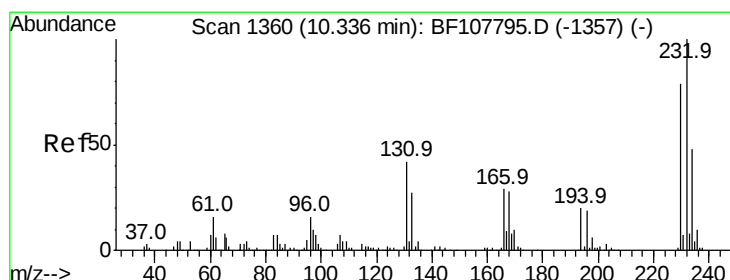
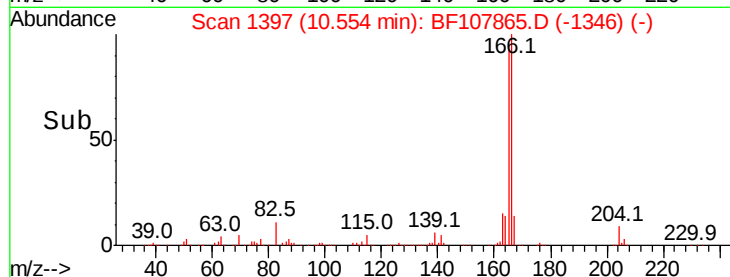
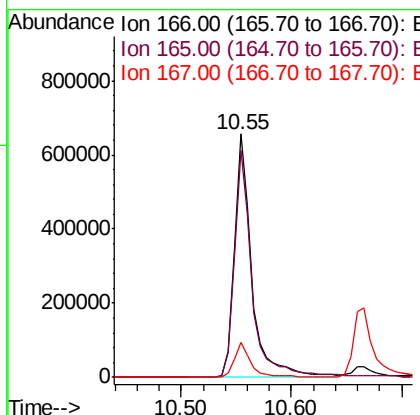
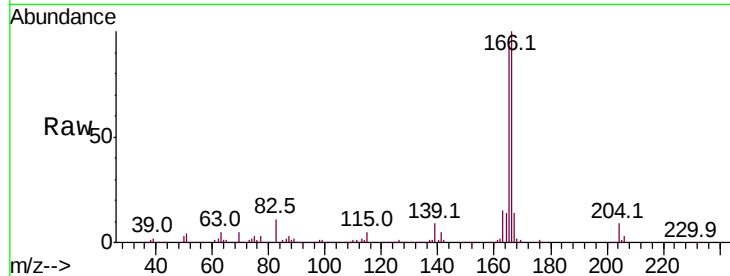
#57
 Fluorene
 Concen: 32.507 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.4	79.8	119.8
167	14.2	10.6	16.0

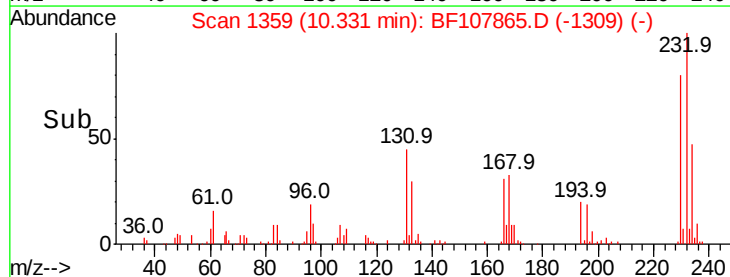
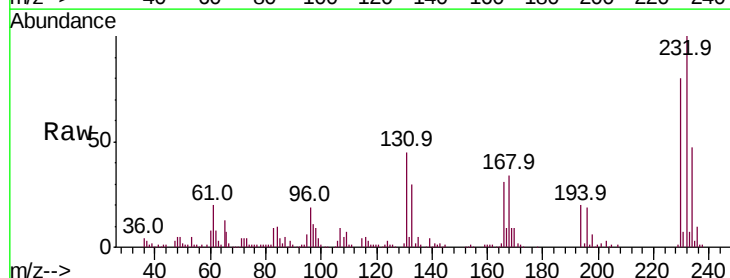
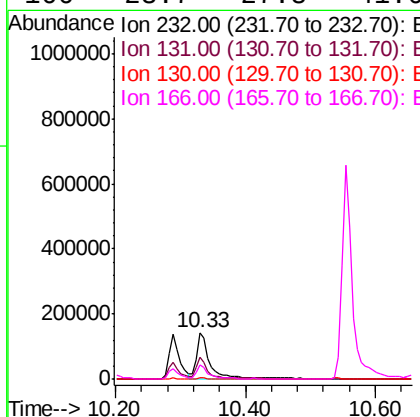
Manual Integrations
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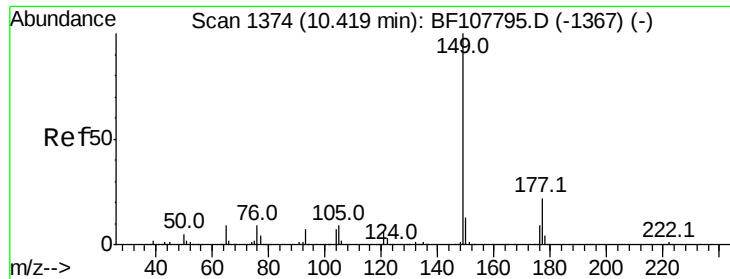
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.711 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	43.8	65.8#
130	1.8	2.1	3.1#
166	23.7	27.8	41.6#





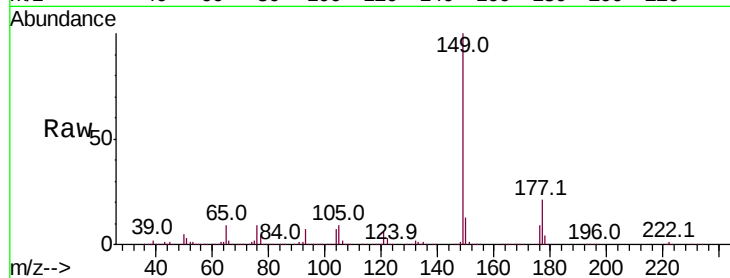
#59
Diethylphthalate
Concen: 32.870 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

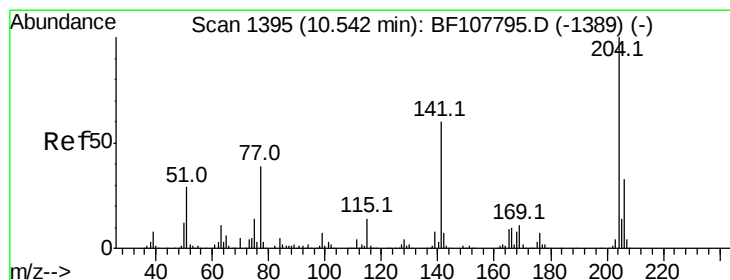
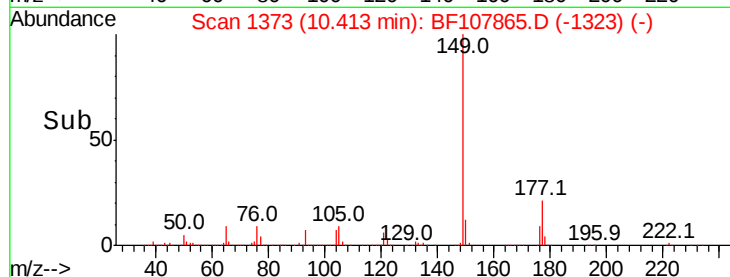
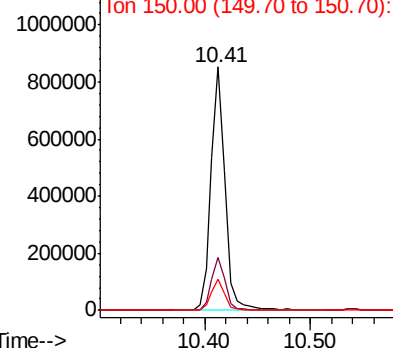
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.5	10.1	15.1

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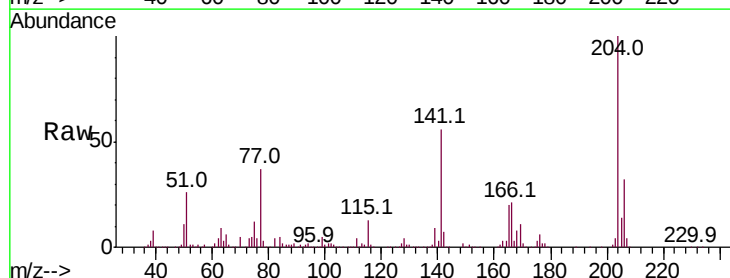


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

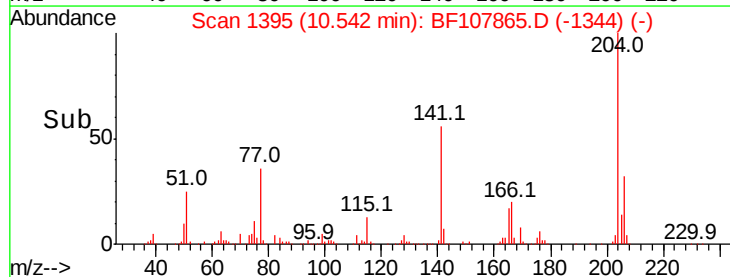
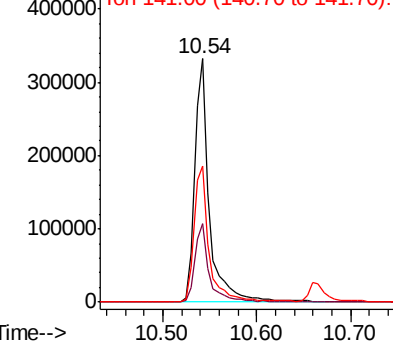


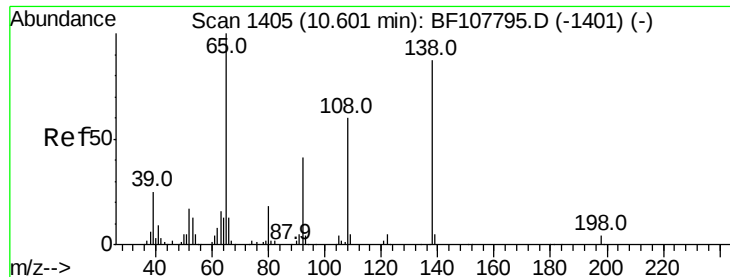
#60
4-Chlorophenyl-phenylether
Concen: 30.005 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	55.9	54.6	81.8



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





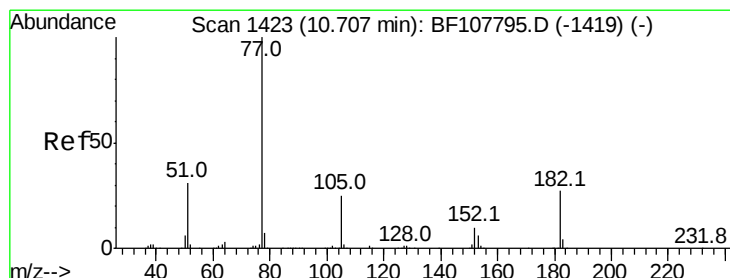
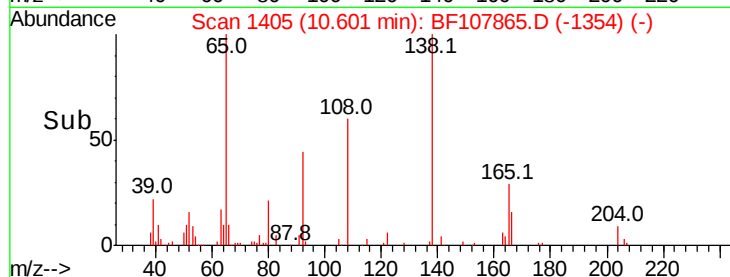
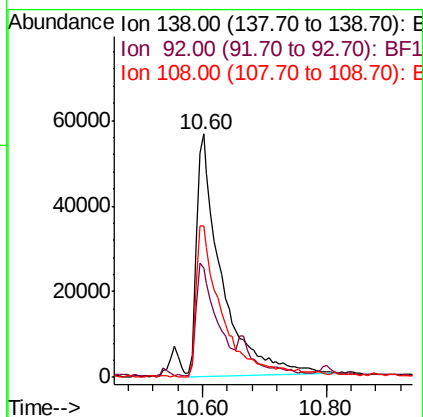
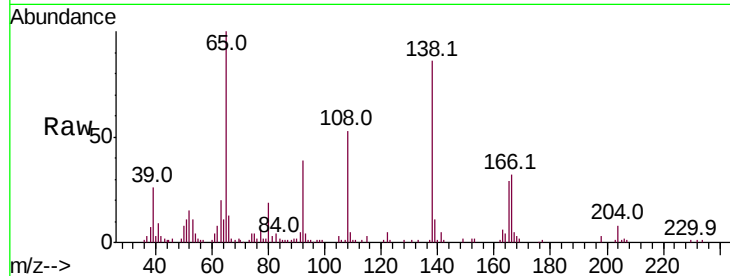
#61
4-Nitroaniline
Concen: 28.713 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.0	30.2	70.2
108	62.0	52.5	92.5

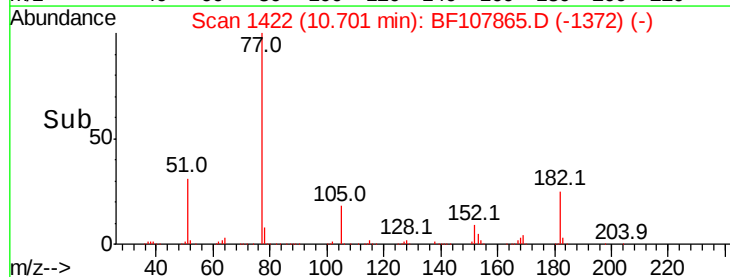
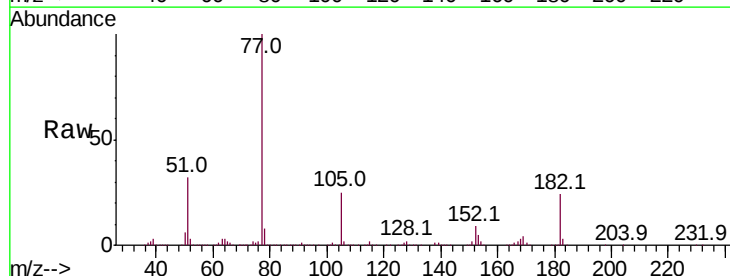
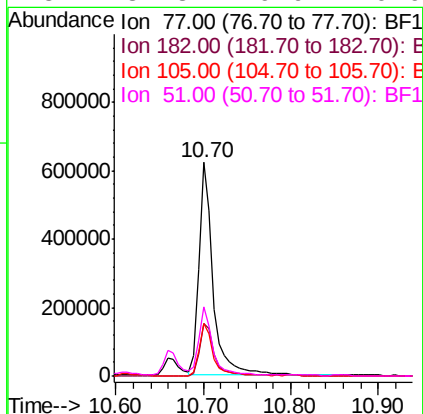
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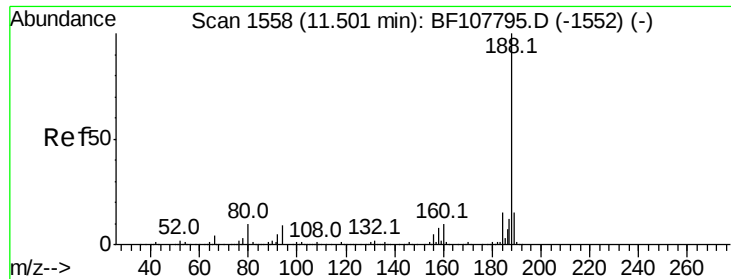
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#62
Azobenzene
Concen: 31.051 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.7	41.7
105	24.9	3.0	43.0
51	32.3	9.9	49.9





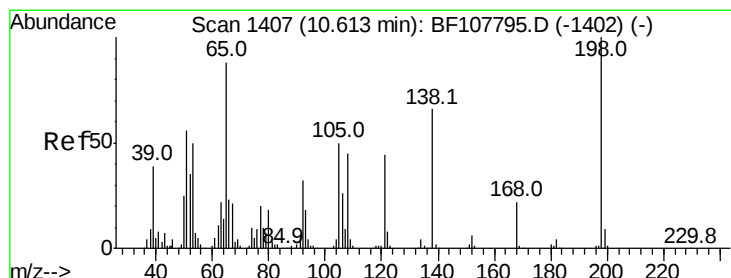
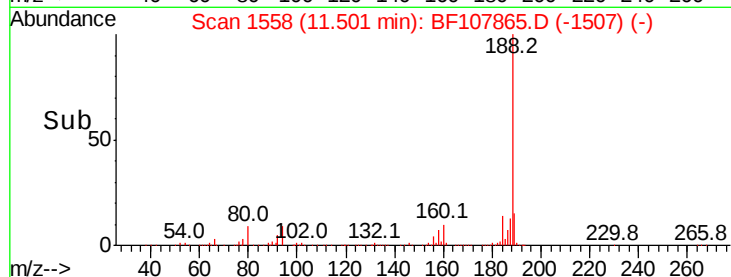
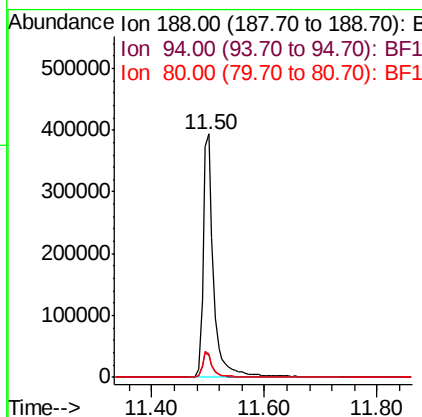
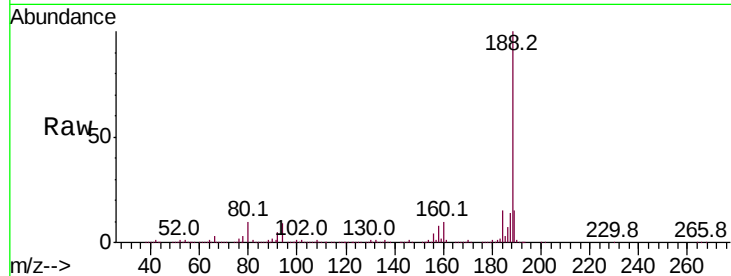
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	512906		
94	9.2		8.5	12.7
80	9.5		9.2	13.8

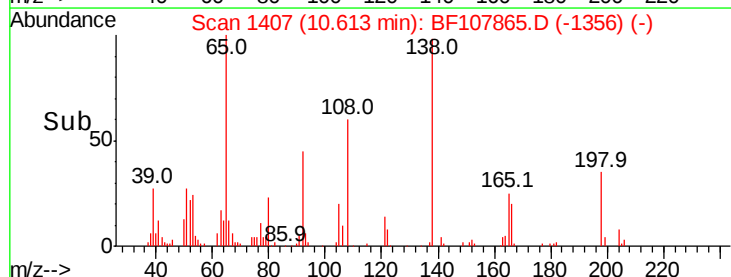
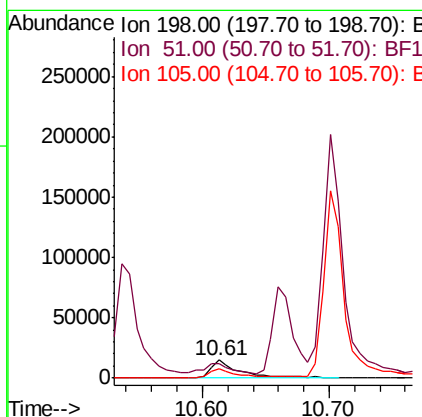
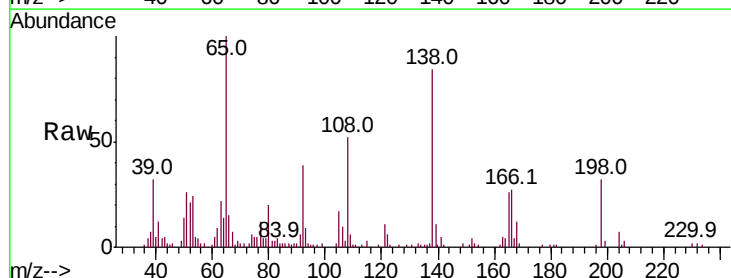
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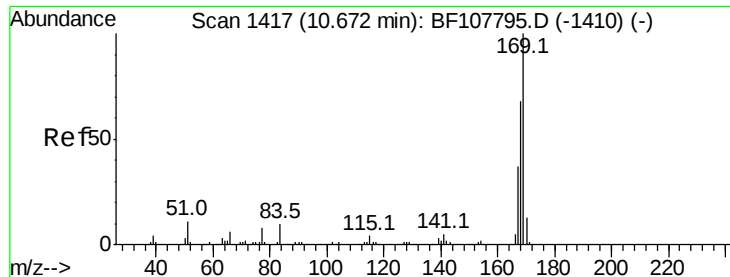
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.737 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	24379		
51	81.5		37.7	77.7#
105	53.4		36.3	76.3





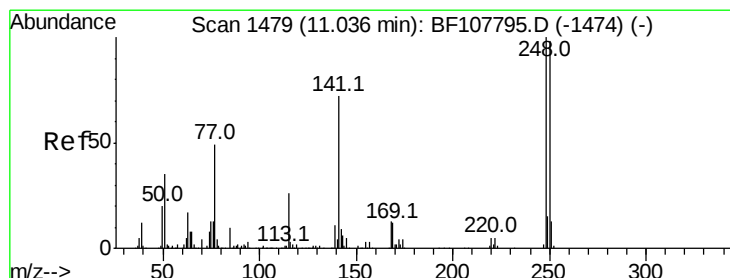
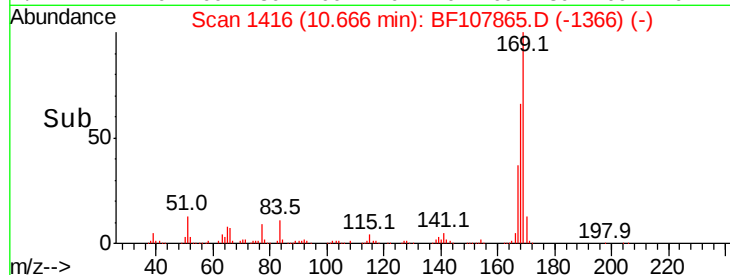
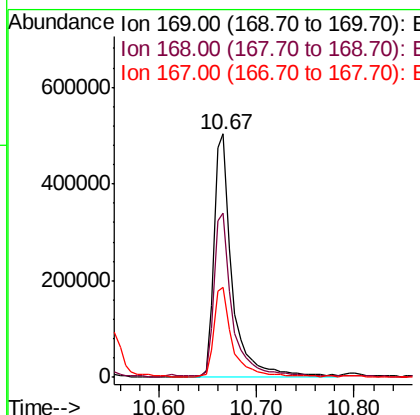
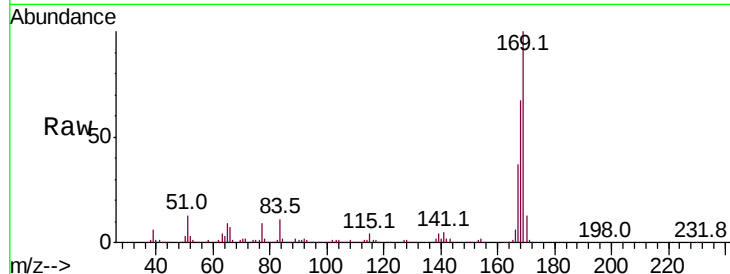
#65
n-Nitrosodiphenylamine
Concen: 38.562 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	37.2	29.8	44.6

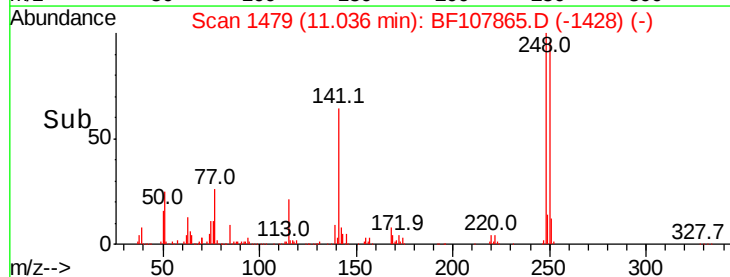
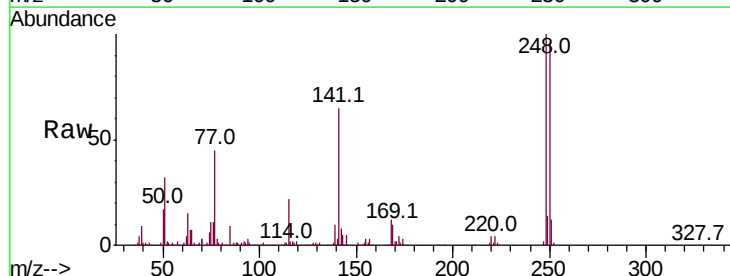
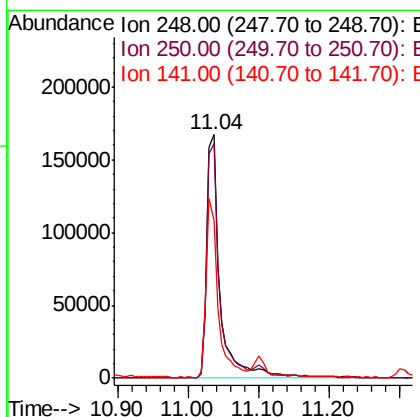
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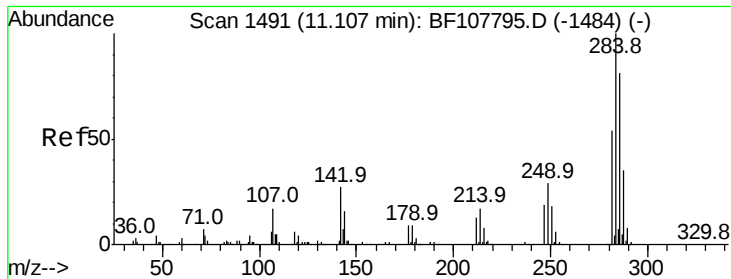
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#66
4-Bromophenyl-phenylether
Concen: 36.588 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	64.8	74.4	111.6#





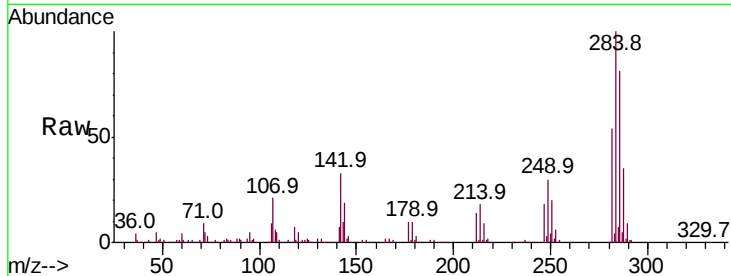
#67
Hexachlorobenzene
Concen: 32.193 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.0	34.6	52.0	
249	29.7	24.8	37.2	

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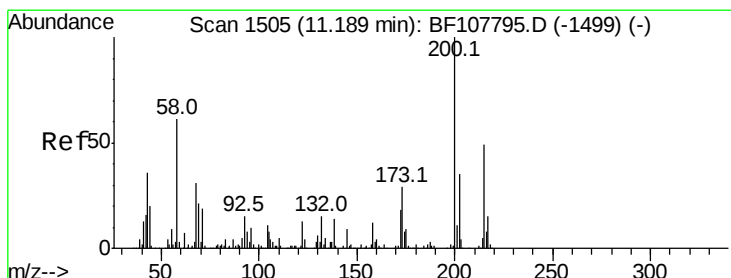
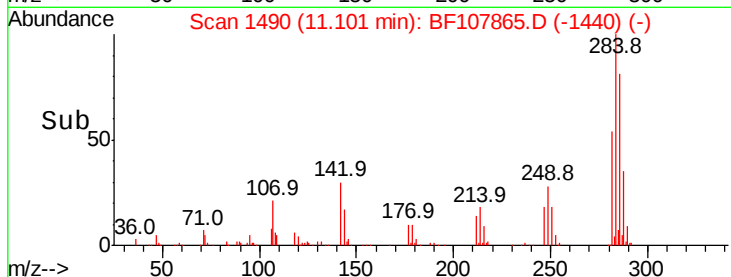
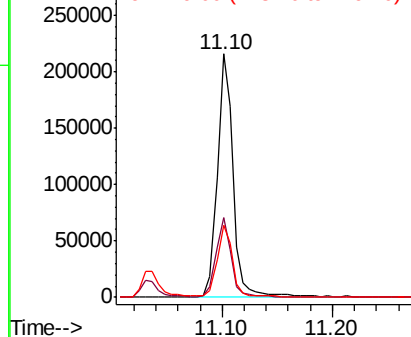


Abundance

Ion 283.80 (283.50 to 284.50): E

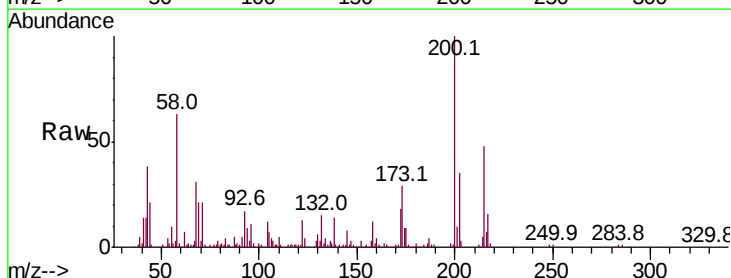
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 36.951 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.4	8.6	48.6	
215	48.3	25.1	65.1	

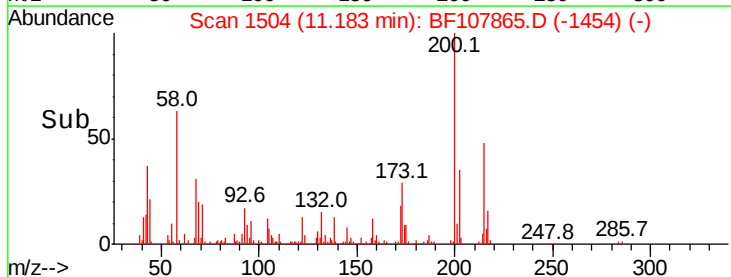
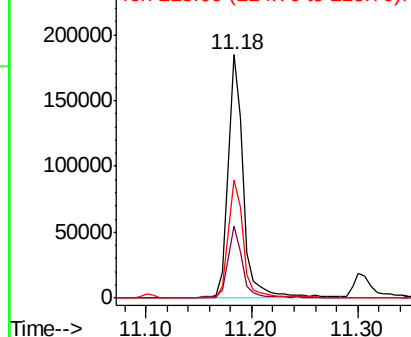


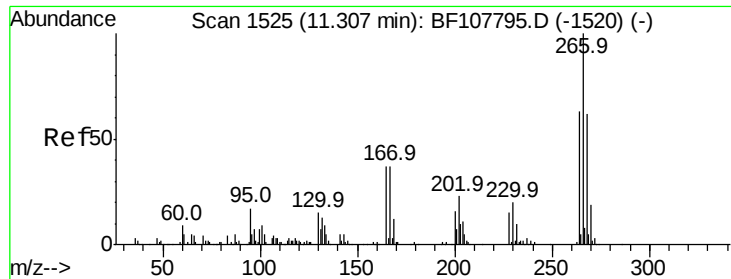
Abundance

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





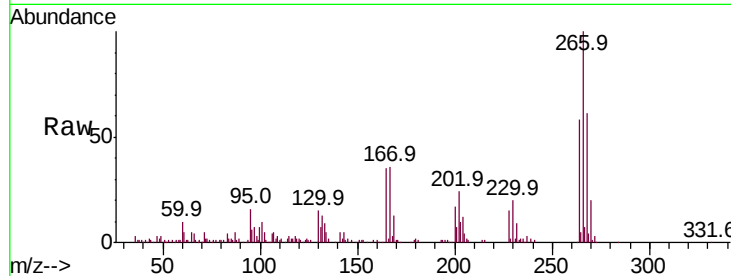
#69
 Pentachlorophenol
 Concen: 46.130 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

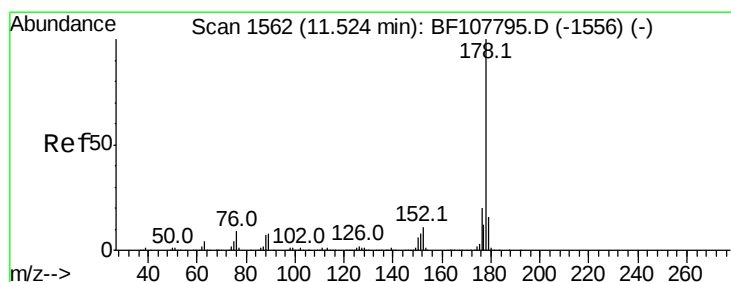
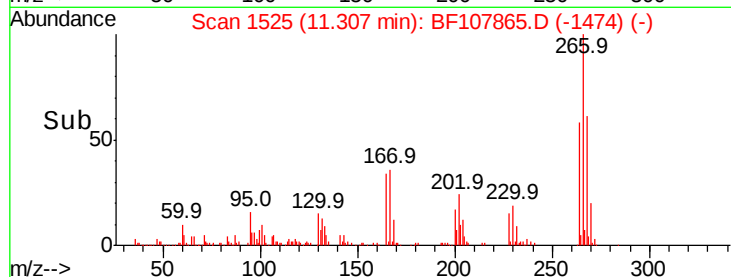
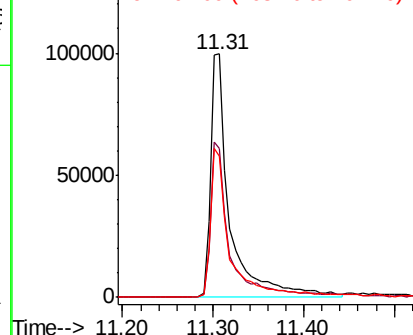
Tot Ion	Ratio	Resp	Lower	Upper
266	100	150540		
268	61.1	51.1	76.7	
264	58.2	49.5	74.3	

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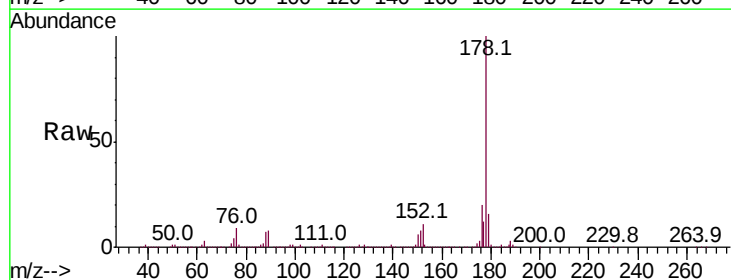


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

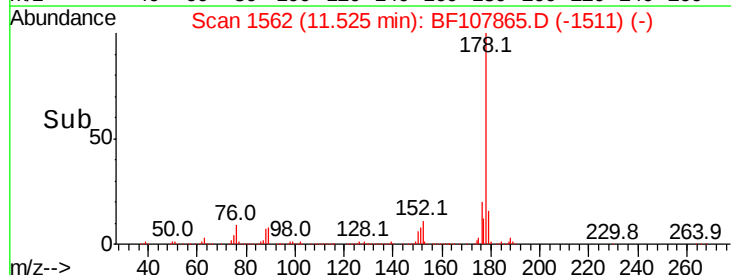
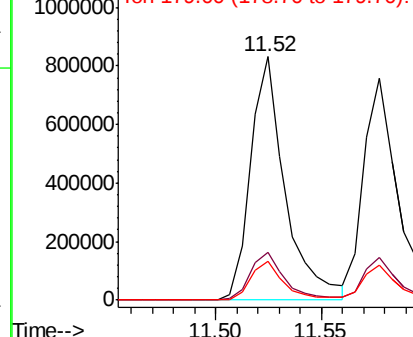


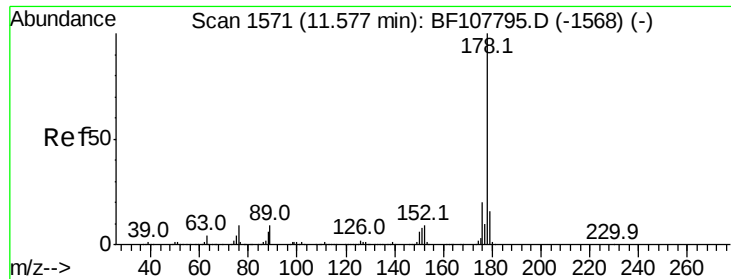
#70
 Phenanthrene
 Concen: 38.930 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	948109		
176	19.8	15.8	23.8	
179	15.9	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





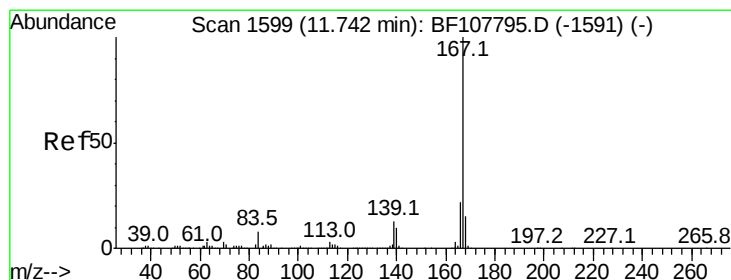
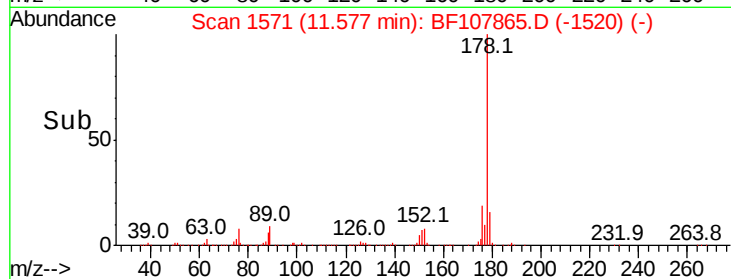
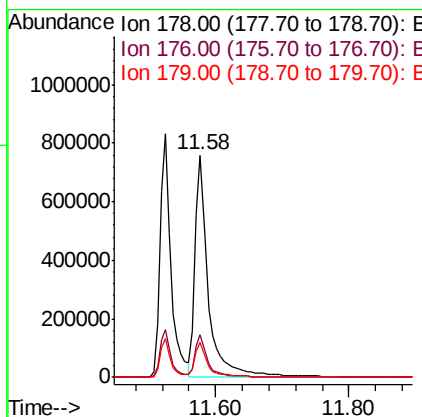
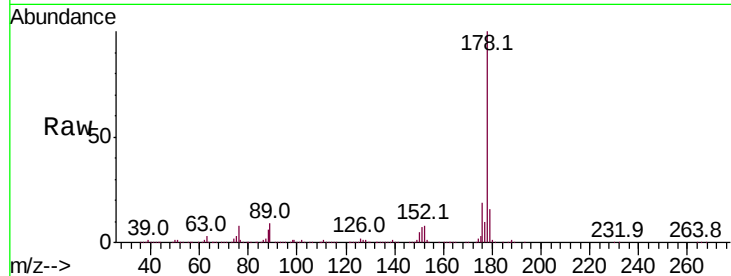
#71
 Anthracene
 Concen: 35.693 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0

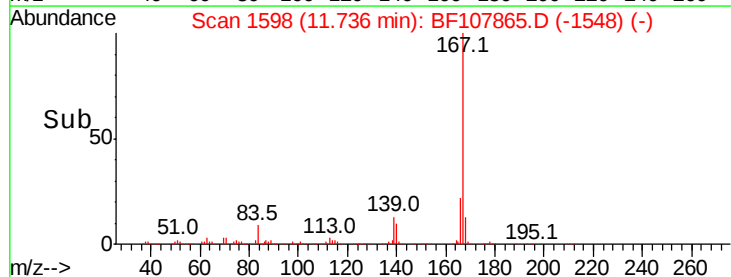
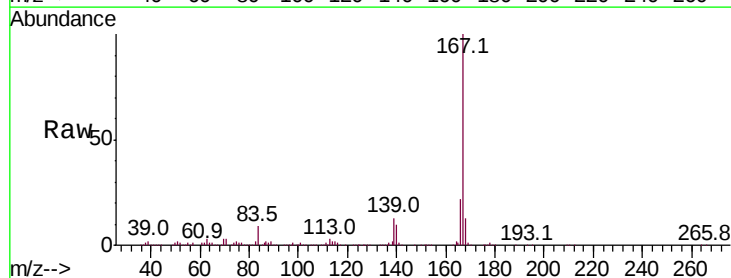
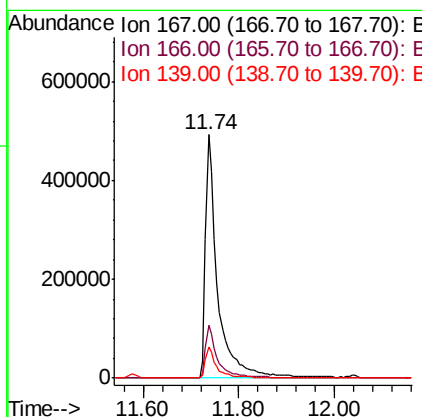
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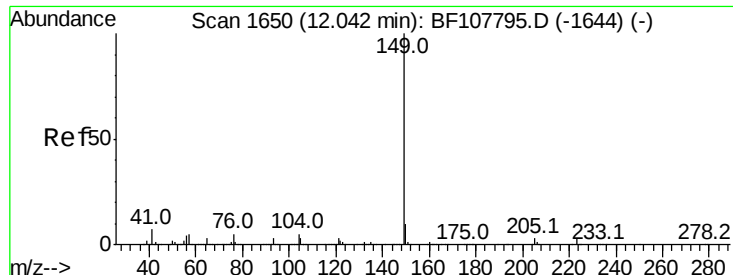
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#72
 Carbazole
 Concen: 31.451 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.7	10.9	16.3





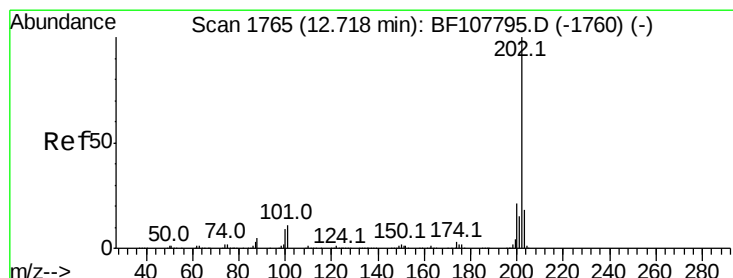
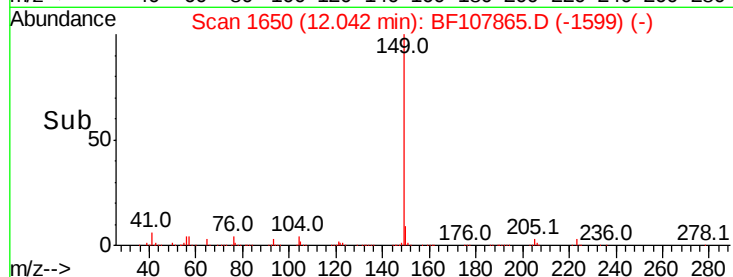
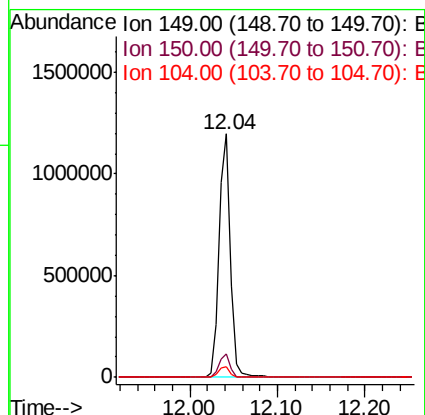
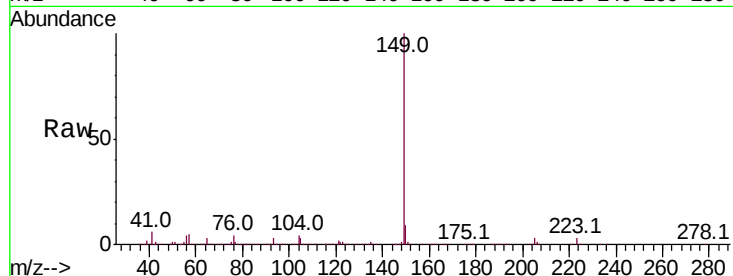
#73
Di-n-butylphthalate
Concen: 35.459 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.2	3.8	5.8

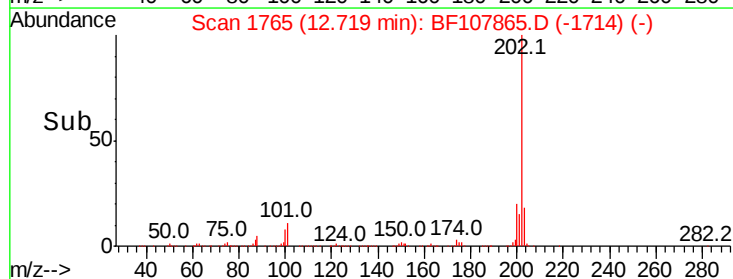
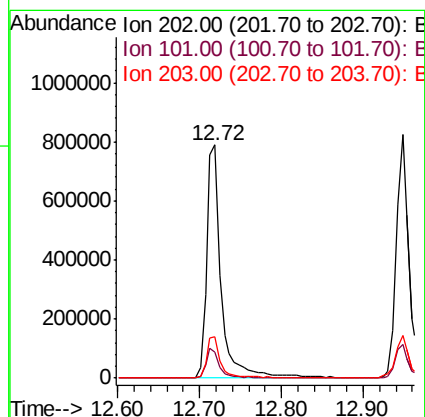
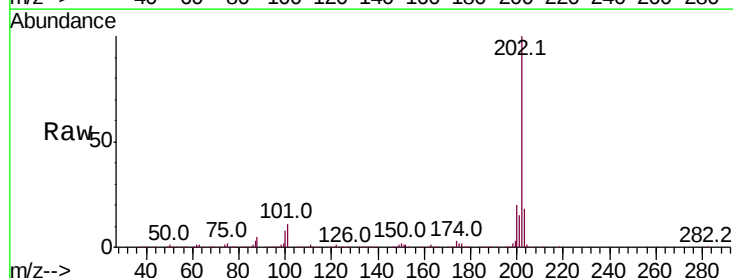
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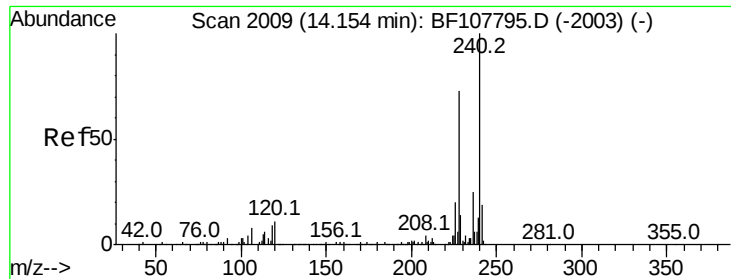
Sohil
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#74
Fluoranthene
Concen: 33.987 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.6	0.0	38.1





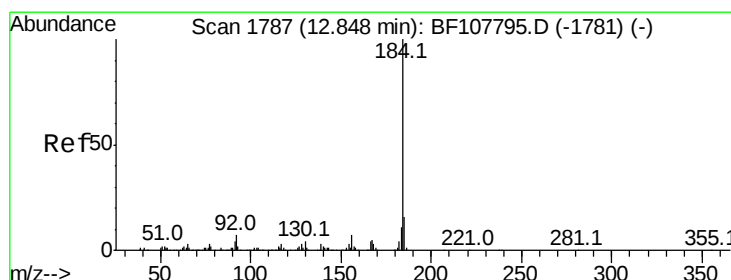
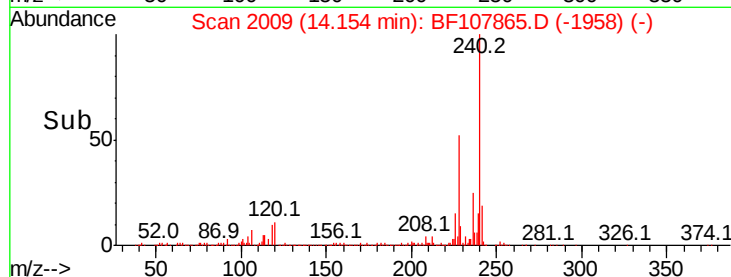
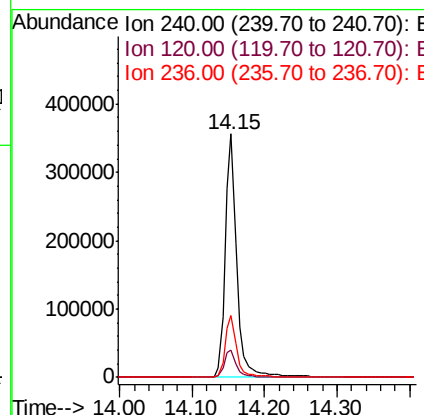
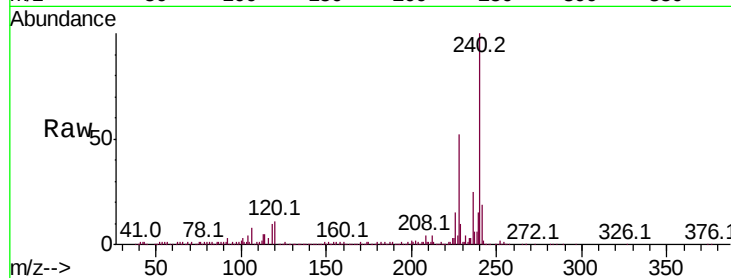
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.2	20.7	31.1

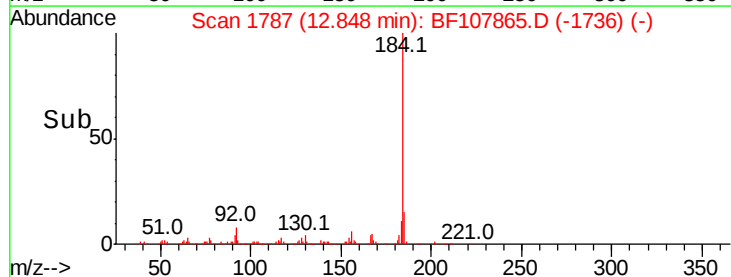
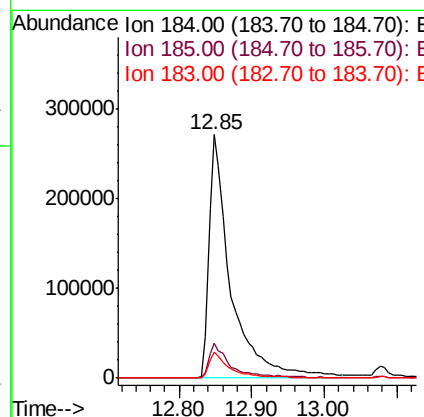
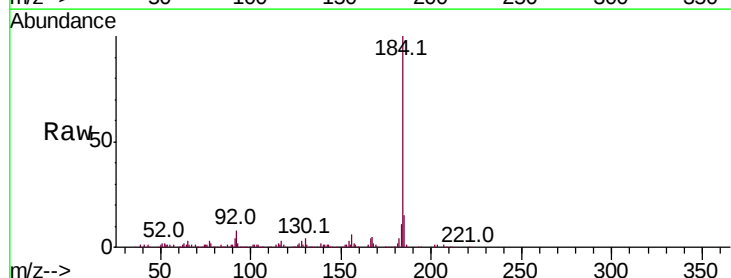
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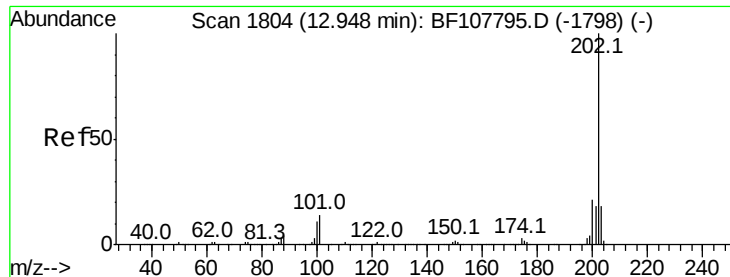
Sohil
8/1/2018 3:57:31 PM



#76
Benzidine
Concen: 44.190 ng
RT: 12.85 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	10.9	9.3	13.9





#77

Pvrene

Concen: 32.624 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

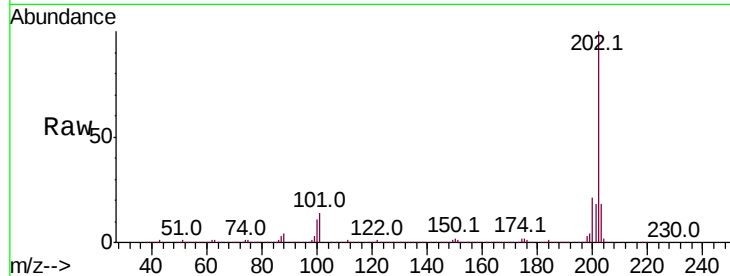
ClientSampleId :

FK-GF-01-010-AMS

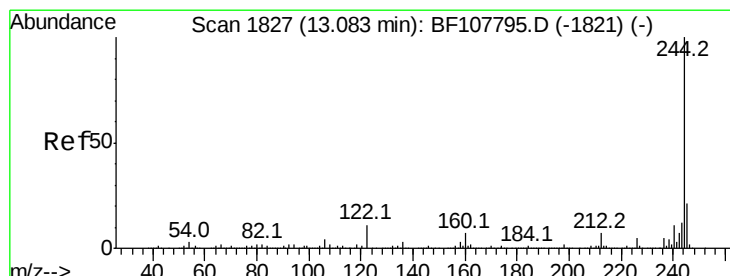
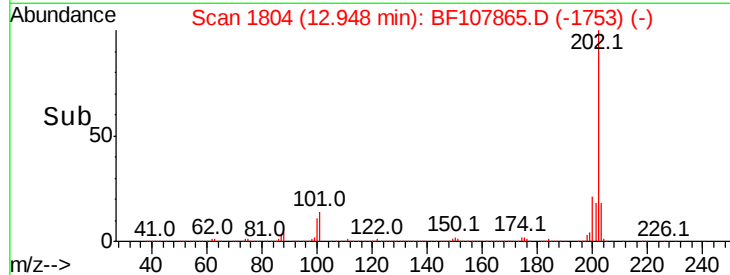
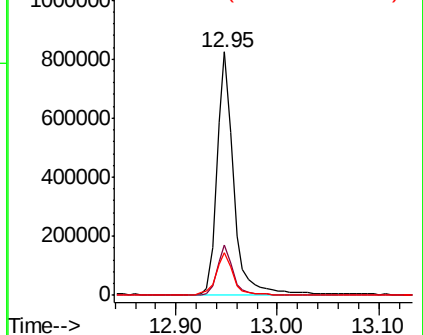
Tot Ion:	202	Resp:	932981
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	17.7	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.226 ng

RT: 13.08 min Scan# 1826

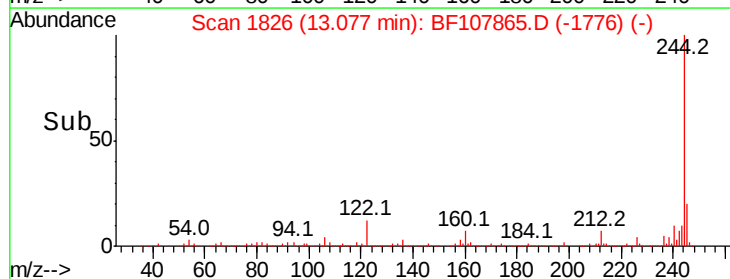
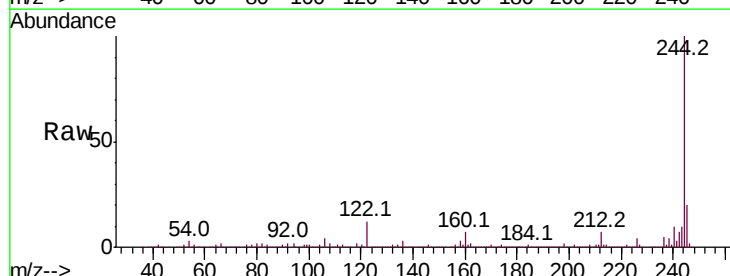
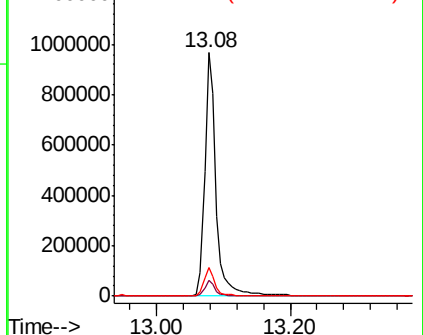
Delta R.T. -0.01 min

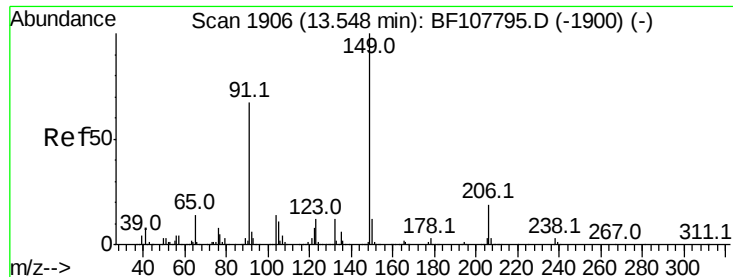
Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Tgt Ion:	244	Resp:	1121351
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.6	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





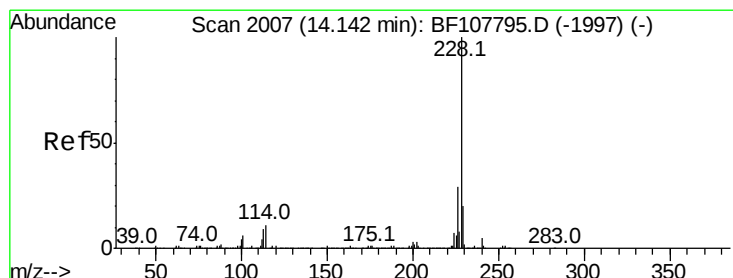
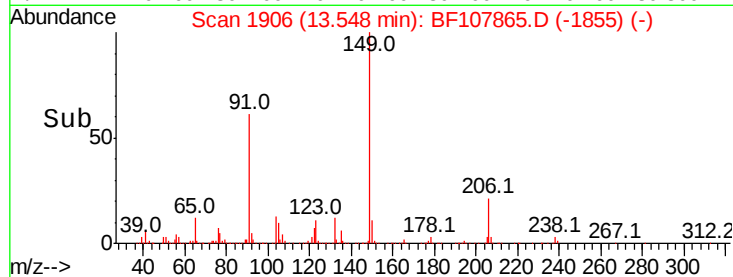
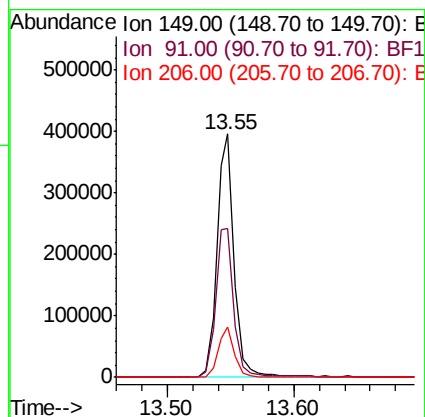
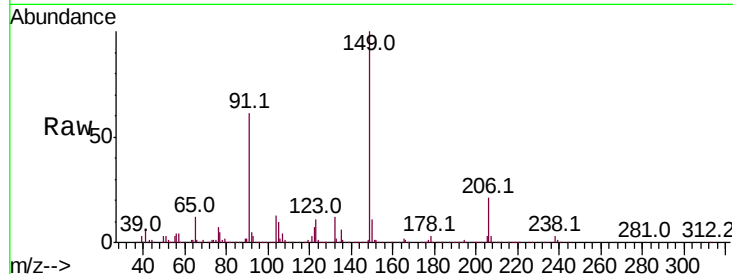
#79
 Butylbenzylphthalate
 Concen: 30.024 ng
 RT: 13.55 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	61.2	56.8	85.2	
206	20.5	14.1	21.1	

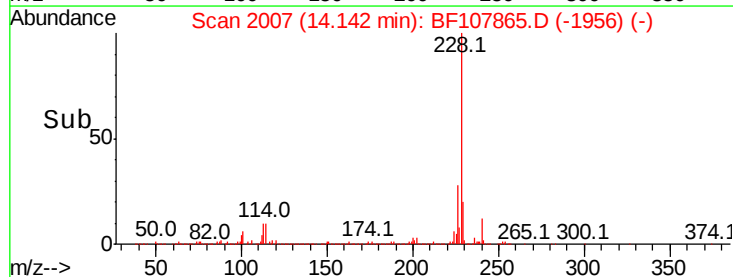
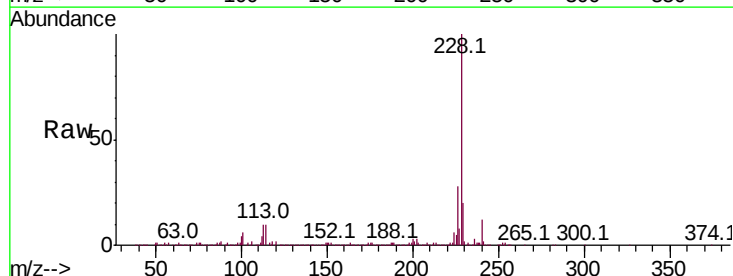
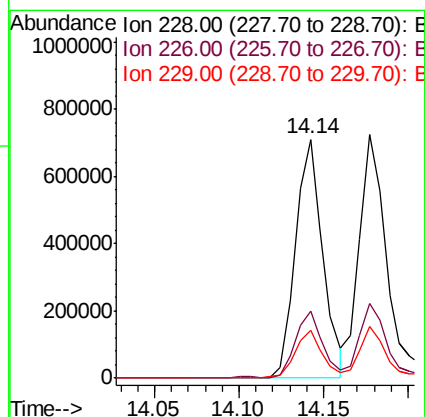
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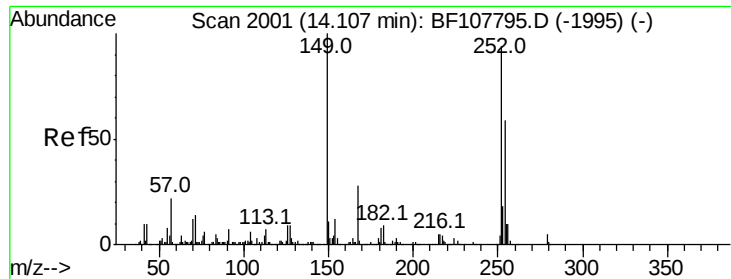
Sohil
 8/1/2018 3:57:31 PM



#80
 Benzo(a)anthracene
 Concen: 35.633 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.1	22.6	33.8	
229	20.2	15.8	23.6	





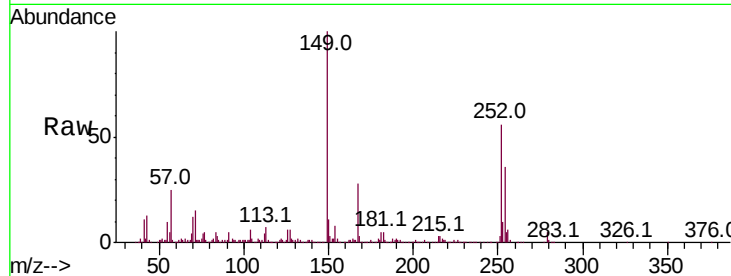
#81
 3,3'-Dichlorobenzidine
 Concen: 32.587 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	11.0	11.3	16.9

Manual Integrations
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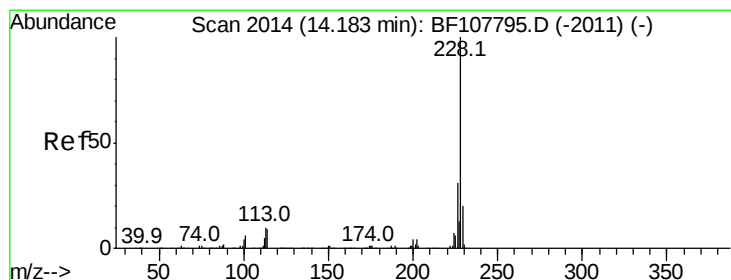
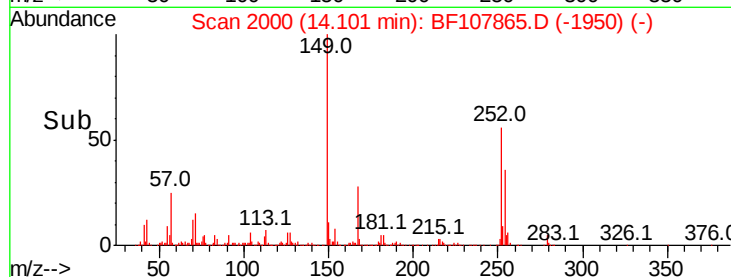
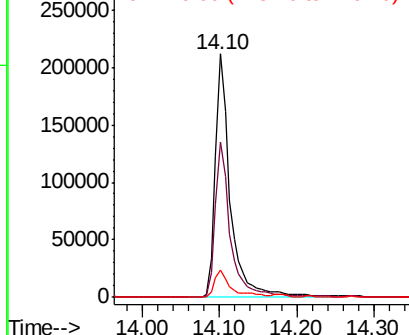


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 35.852 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

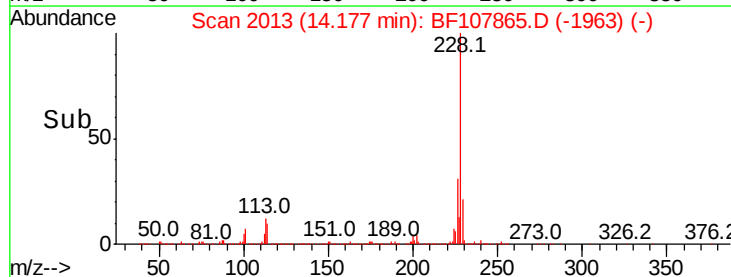
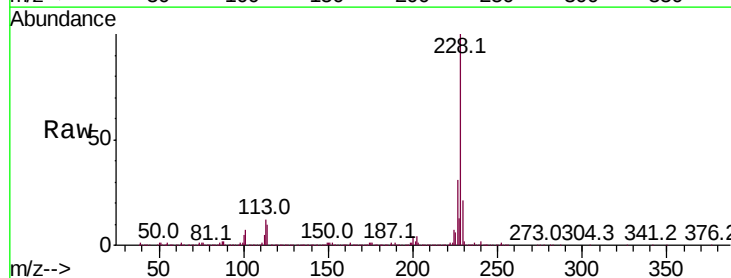
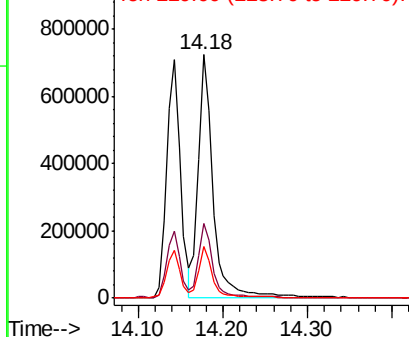
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.1	16.2	24.4

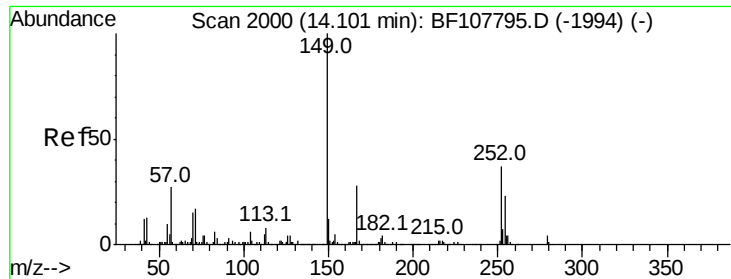
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





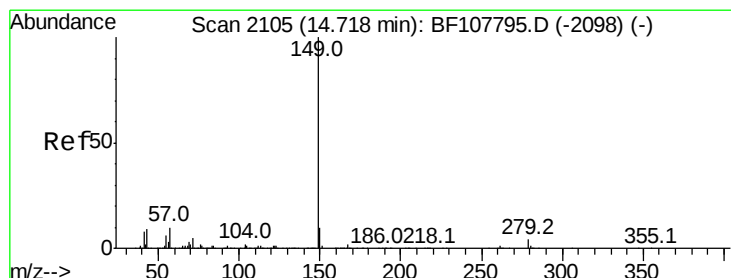
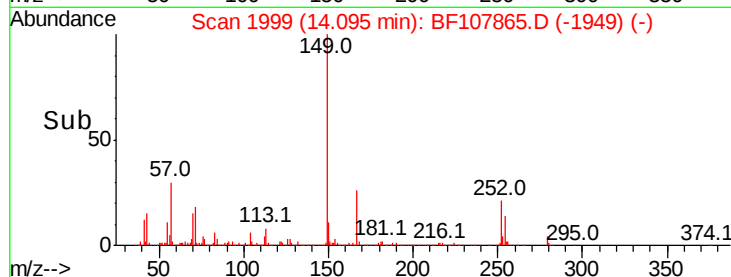
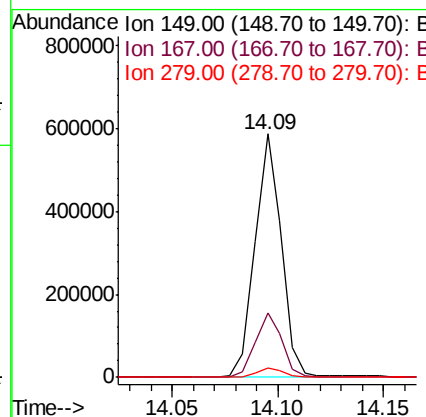
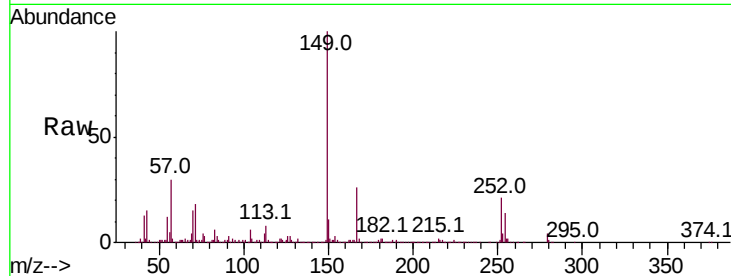
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.271 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.5	21.3	31.9	
279	3.6	3.0	4.4	

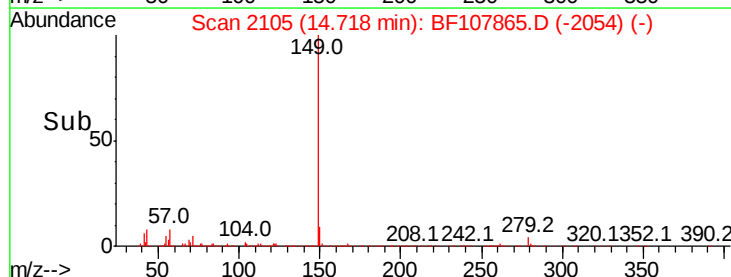
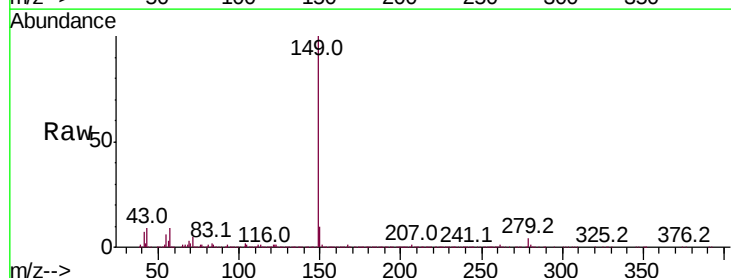
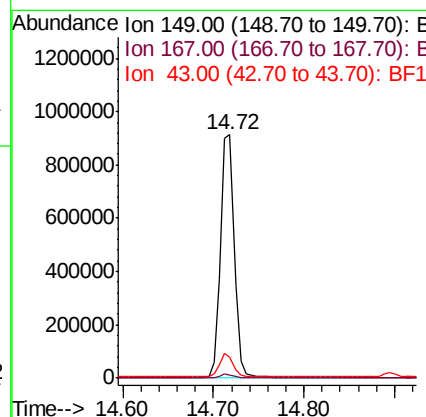
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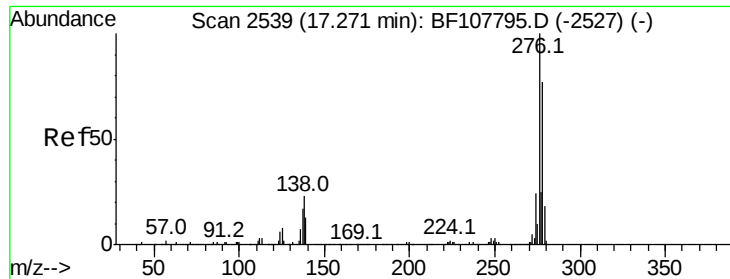
Sohil
 8/1/2018 3:57:31 PM



#84
 Di-n-octyl phthalate
 Concen: 37.797 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF107865.D
 Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.3	8.4	12.6	





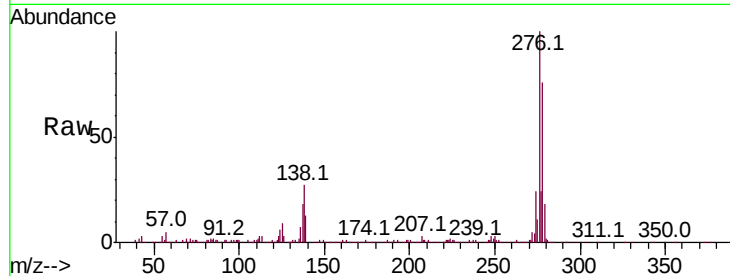
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.255 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	24.9	20.1	30.1

Manual Integrations
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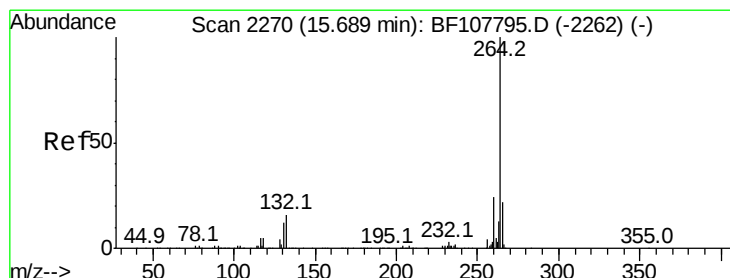
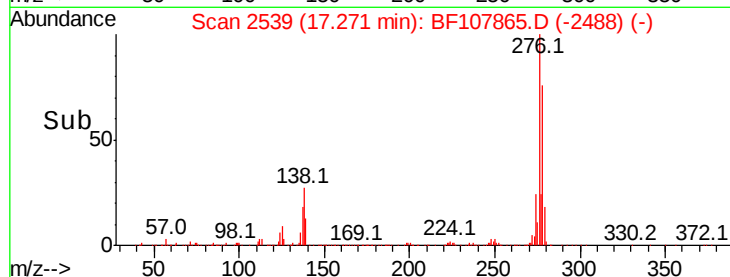
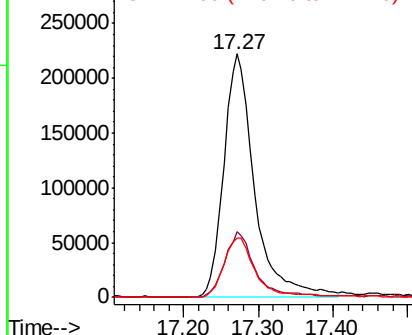


Abundance

Ion 276.00 (275.70 to 276.70): E

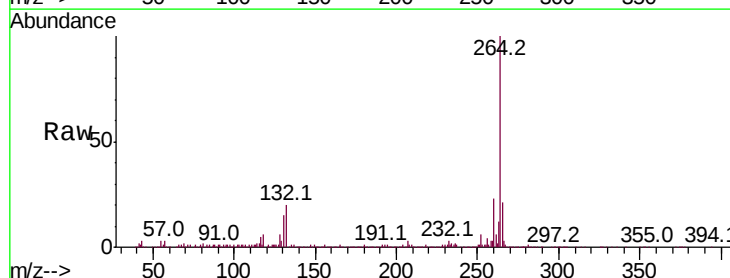
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

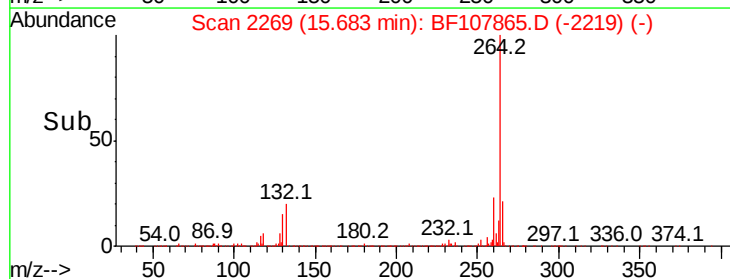
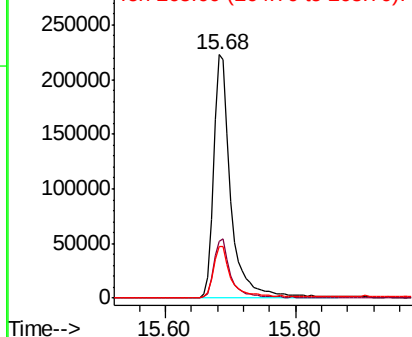


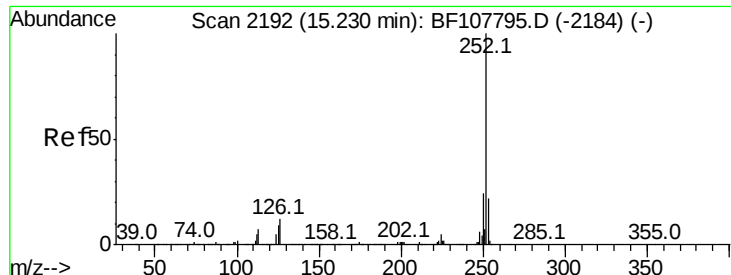
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





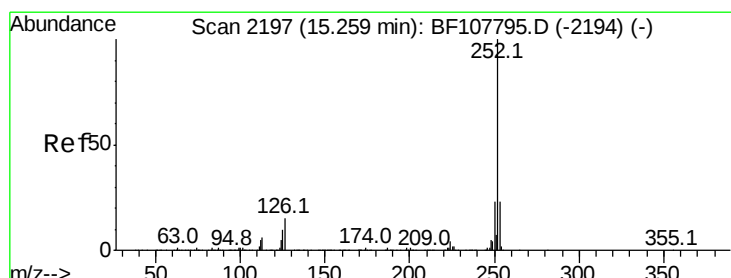
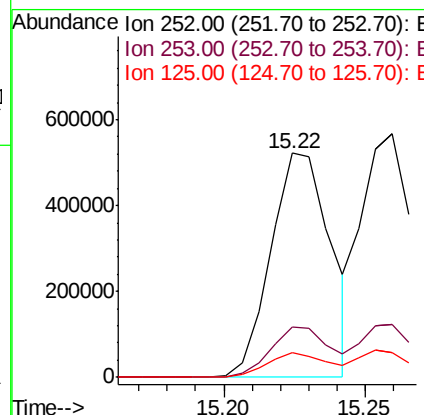
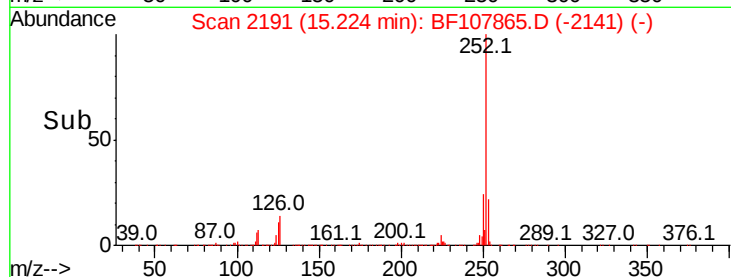
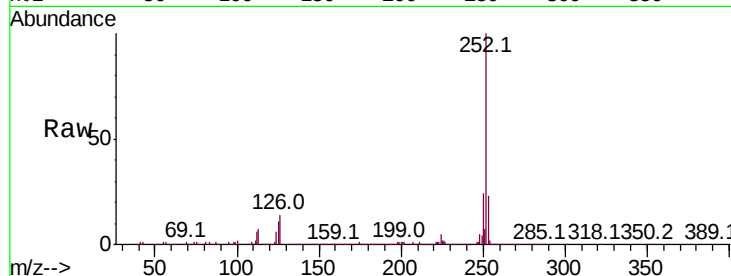
#87
Benzo(b)fluoranthene
Concen: 37.797 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.2	9.0	13.6

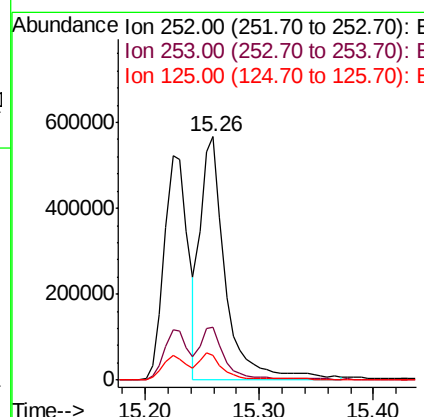
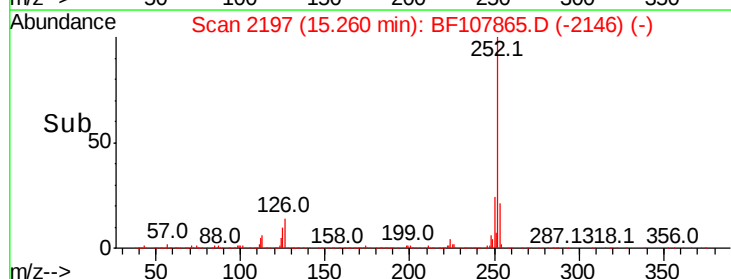
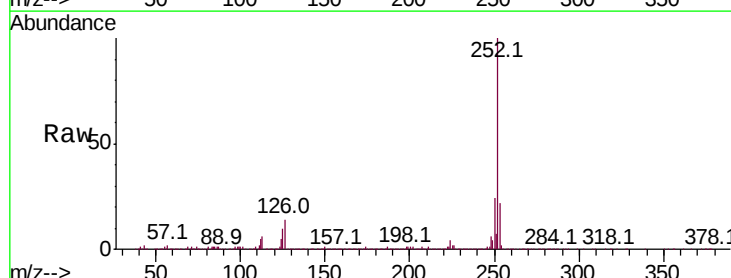
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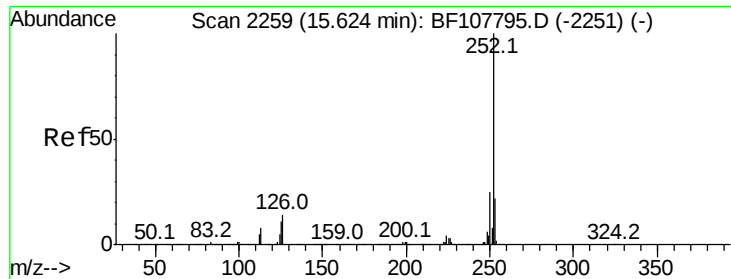
Sohil
8/1/2018 3:57:31 PM



#88
Benzo(k)fluoranthene
Concen: 35.141 ng m
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.1	10.2	15.2#





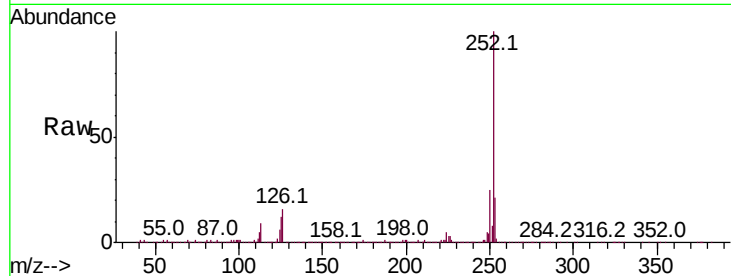
#89
Benzo(a)pyrene
Concen: 35.810 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-010-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	11.8	9.8	14.6

Manual Integrations
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8/1/2018 3:57:31 PM

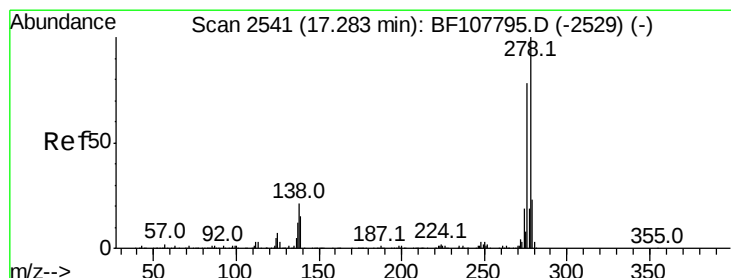
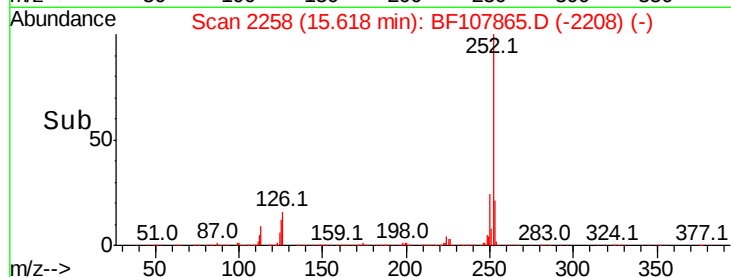
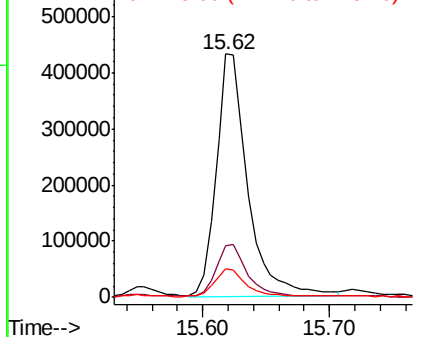


Abundance

Ion 252.00 (251.70 to 252.70): E

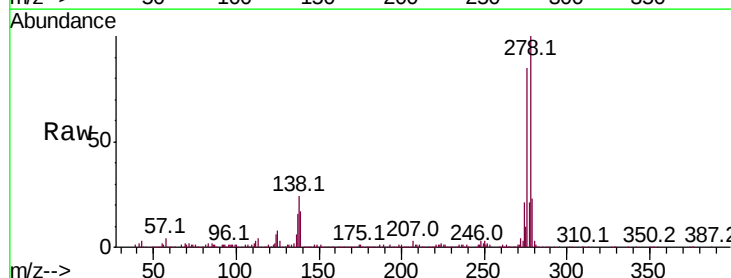
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 29.662 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF107865.D
Acq: 31 Jul 2018 22:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.9	23.9
279	23.0	19.0	28.4

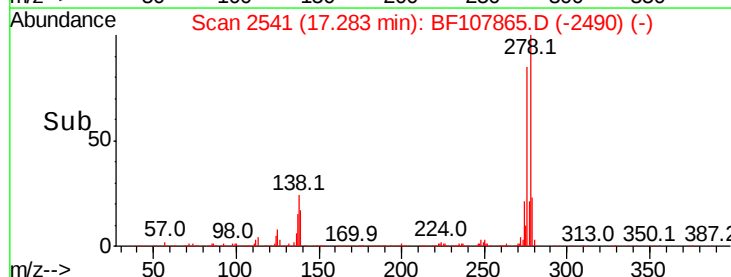
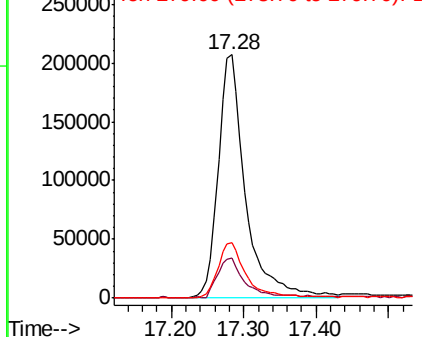


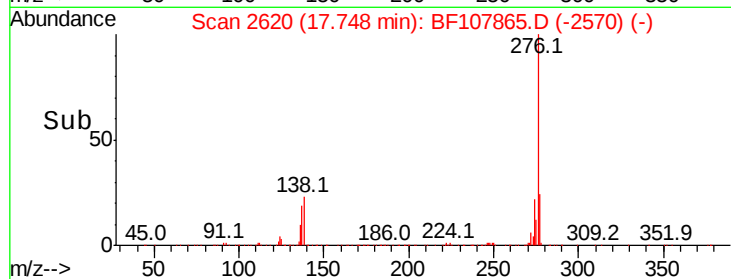
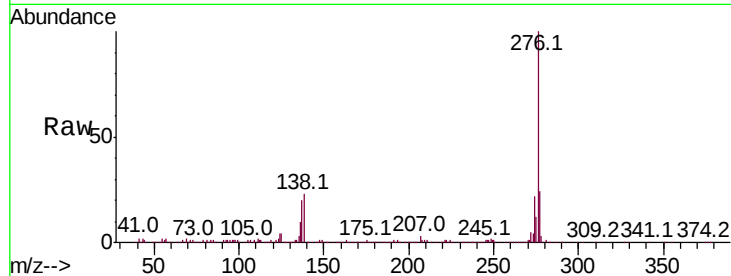
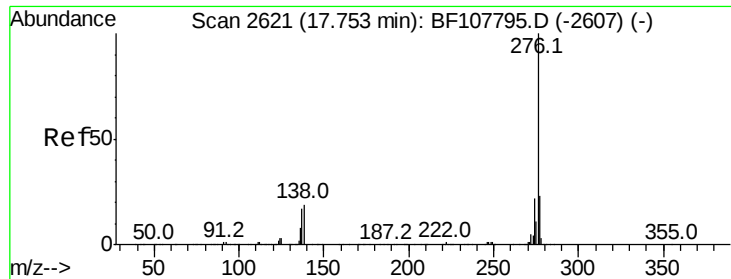
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 28.745 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107865.D

Acq: 31 Jul 2018 22:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-AMS

Tot Ion:	276	Resp:	506218
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	23.1	21.8	32.8

Manual Integrations
APPROVED

Sohil
8/1/2018 3:57:31 PM

