

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109228.D
 Acq On : 22 Sep 2018 18:21
 Operator : JU/SJ
 Sample : J5004-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Manual Integrations
 APPROVED

Sohil
 9/24/2018 11:38:49 AM

Quant Time: Sep 24 07:30:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	135300	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	528894	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	246607	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	462735	20.00	ng	0.00
75) Chrysene-d12	13.84	240	267532	20.00	ng	0.00
86) Perylene-d12	15.23	264	277580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	738351	89.88	ng	0.00
7) Phenol-d6	6.35	99	973475	92.87	ng	0.00
23) Nitrobenzene-d5	7.27	82	621794	69.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	241443	99.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1061623	64.93	ng	0.00
78) Terphenyl-d14	12.80	244	988974	90.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	92355	24.412	ng	93
3) Pyridine	3.12	79	249710	25.645	ng	91
4) n-Nitrosodimethylamine	3.05	42	134576	32.476	ng	# 98
6) Aniline	6.37	93	236964	17.670	ng	# 86
8) 2-Chlorophenol	6.49	128	273174	29.905	ng	98
9) Benzaldehyde	6.25	77	201214	29.882	ng	94
10) Phenol	6.36	94	346159	29.161	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	270381	29.109	ng	97
12) 1,3-Dichlorobenzene	6.65	146	298092	28.342	ng	96
13) 1,4-Dichlorobenzene	6.72	146	301513	28.456	ng	99
14) 1,2-Dichlorobenzene	6.88	146	281628	28.812	ng	97
15) Benzyl Alcohol	6.85	79	252084	31.418	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	393895	29.896	ng	96
17) 2-Methylphenol	6.97	107	227741	30.812	ng	96
18) Hexachloroethane	7.22	117	109942	29.451	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	204664	29.798	ng	98
20) 3+4-Methylphenols	7.12	107	276212	30.952	ng	# 73
22) Acetophenone	7.12	105	386535	31.611	ng	# 90
24) Nitrobenzene	7.29	77	299982	31.490	ng	95
25) Isophorone	7.53	82	553709	34.320	ng	96
26) 2-Nitrophenol	7.60	139	134583	35.723	ng	95
27) 2,4-Dimethylphenol	7.65	122	247532	35.211	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	343350	32.149	ng	99
29) 2,4-Dichlorophenol	7.85	162	235020	31.819	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	239526	29.022	ng	97
31) Naphthalene	8.01	128	795113	32.171	ng	99
32) Benzoic acid	7.74	122	50347	15.844	ng	95
33) 4-Chloroaniline	8.06	127	58509	5.419	ng	98
34) Hexachlorobutadiene	8.13	225	144952	29.134	ng	98
35) Caprolactam	8.42	113	74398m	31.550	ng	
36) 4-Chloro-3-methylphenol	8.55	107	250375	32.214	ng	98
37) 2-Methylnaphthalene	8.70	142	528736	33.186	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	232503	29.624	ng	98
40) Hexachlorocyclopentadiene	8.86	237	194611	56.850	ng	99

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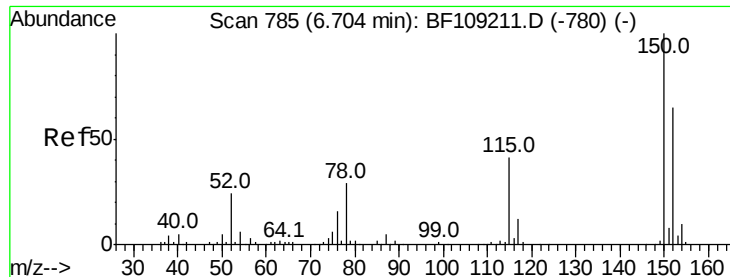
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	163150	32.390	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	174810	32.860	nq	# 94
45) 1,1'-Biphenyl	9.16	154	633029	31.506	nq	99
46) 2-Chloronaphthalene	9.19	162	475795	29.642	nq	100
47) 2-Nitroaniline	9.28	65	151934	33.385	nq	96
48) Acenaphthylene	9.60	152	790580	32.648	nq	100
49) Dimethylphthalate	9.47	163	949417	52.932	nq	99
50) 2,6-Dinitrotoluene	9.53	165	120615	33.953	nq	95
51) Acenaphthene	9.77	154	488353	33.357	nq	99
52) 3-Nitroaniline	9.69	138	76476	18.590	nq	99
53) 2,4-Dinitrophenol	9.80	184	69761	57.996	nq	# 19
54) Dibenzofuran	9.95	168	674137	30.962	nq	98
55) 4-Nitrophenol	9.86	139	196397	63.373	nq	92
56) 2,4-Dinitrotoluene	9.93	165	159060	35.388	nq	# 98
57) Fluorene	10.29	166	504153	32.453	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139370	33.087	nq	93
59) Diethylphthalate	10.17	149	570158	31.390	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	232278	28.627	nq	93
61) 4-Nitroaniline	10.30	138	128018	31.909	nq	94
62) Azobenzene	10.44	77	576952	30.573	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	53324	31.401	nq	88
65) n-Nitrosodiphenylamine	10.40	169	486602	31.828	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	160352	31.206	nq	92
67) Hexachlorobenzene	10.83	284	165013	30.237	nq	93
68) Atrazine	10.93	200	160123	34.054	nq	96
69) Pentachlorophenol	11.02	266	165995	50.820	nq	97
70) Phenanthrene	11.24	178	759101	32.855	nq	99
71) Anthracene	11.29	178	780870	33.322	nq	100
72) Carbazole	11.44	167	693660	29.751	nq	100
73) Di-n-butylphthalate	11.79	149	873186	32.532	nq	99
74) Fluoranthene	12.42	202	759474	30.759	nq	95
76) Benzidine	12.54	184	298357	30.931	nq	98
77) Pyrene	12.64	202	751415	39.190	nq	100
79) Butylbenzylphthalate	13.27	149	336809	41.290	nq	96
80) Benzo(a)anthracene	13.83	228	543513	33.729	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	134786	22.009	nq	# 98
82) Chrysene	13.86	228	520016	32.559	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	420072	40.833	nq	97
84) Di-n-octyl phthalate	14.44	149	661249	37.593	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	558863	43.169	nq	# 94
87) Benzo(b)fluoranthene	14.84	252	473355	31.034	nq	98
88) Benzo(k)fluoranthene	14.87	252	412401m	28.493	nq	
89) Benzo(a)pyrene	15.17	252	464907	33.826	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	464649	41.209	nq	# 95
91) Benzo(g,h,i)perylene	16.98	276	458716	41.394	nq	# 93

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



#1

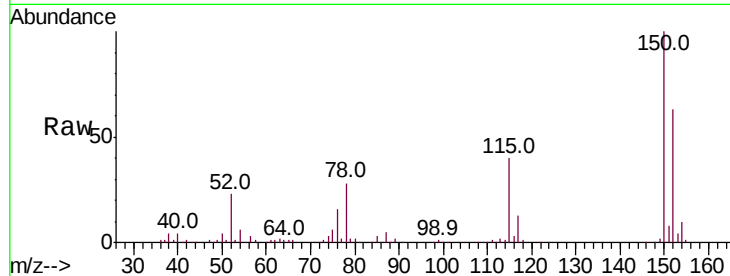
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	63.6	50.1	75.1

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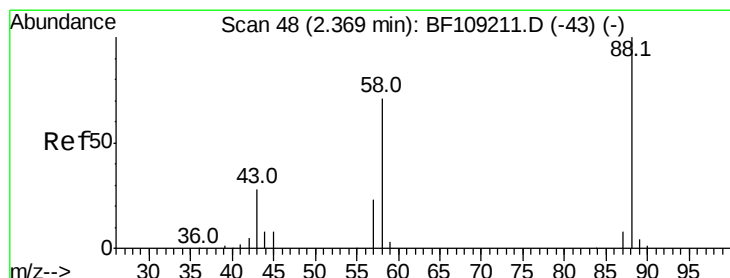
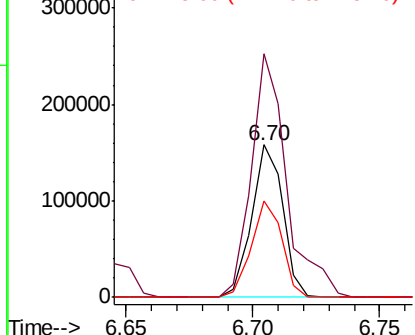
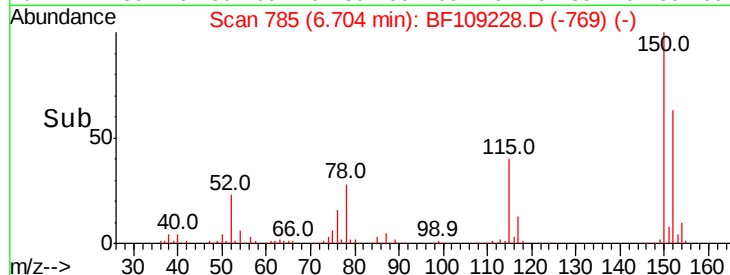


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

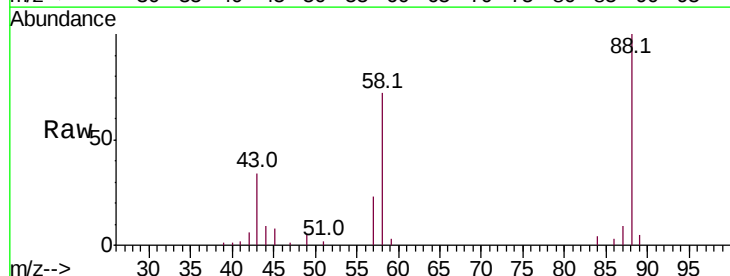
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.412 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	62.6	93.8
43	31.7	24.6	37.0

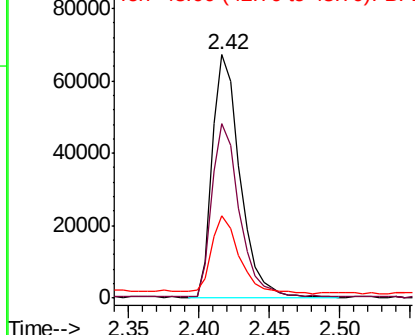
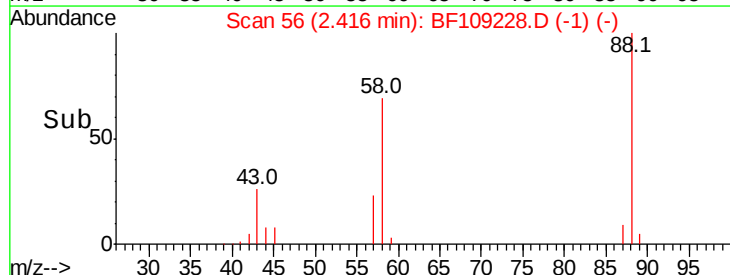


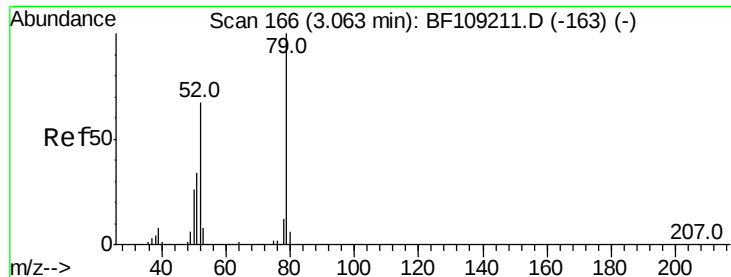
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.645 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.06 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

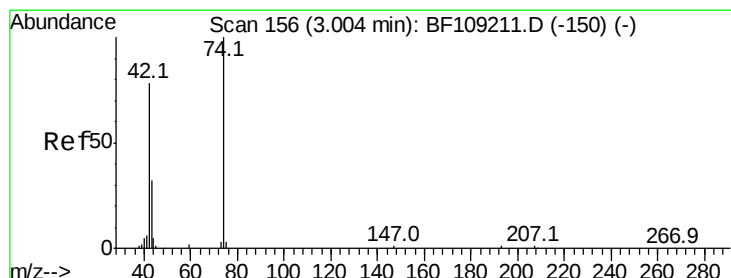
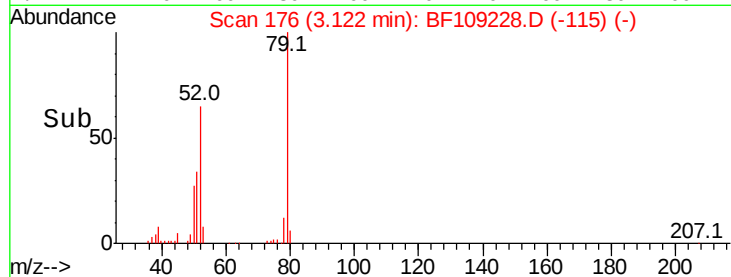
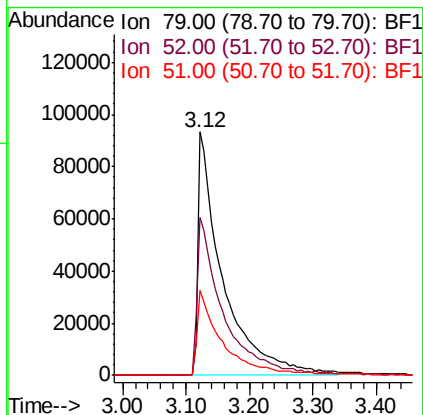
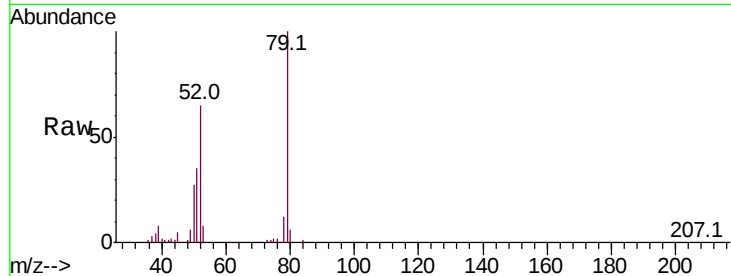
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	79	Resp:	249710
Ion Ratio	Lower	Upper	
79	100		
52	65.0	59.8	89.6
51	34.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 32.476 ng

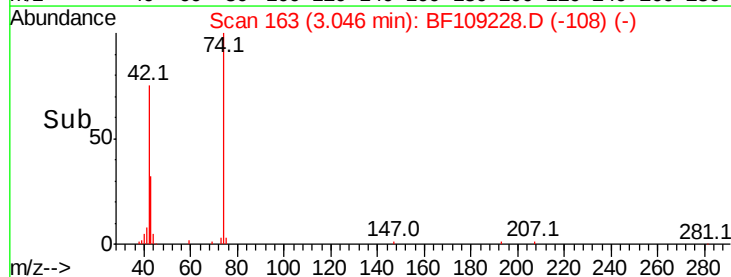
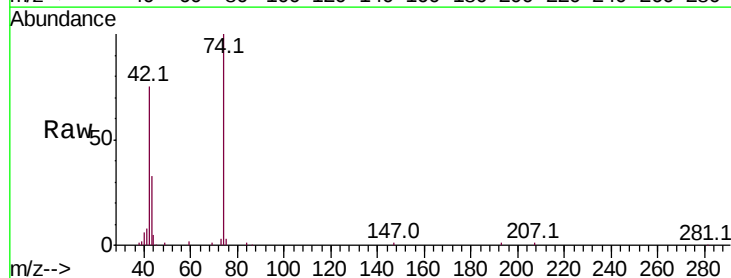
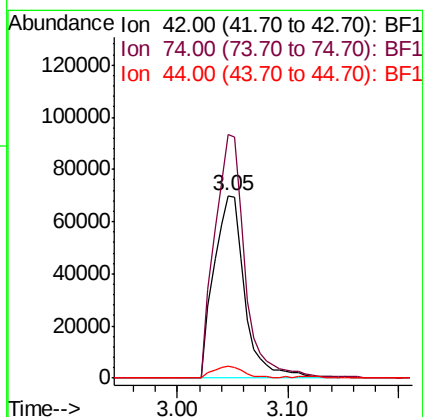
RT: 3.05 min Scan# 163

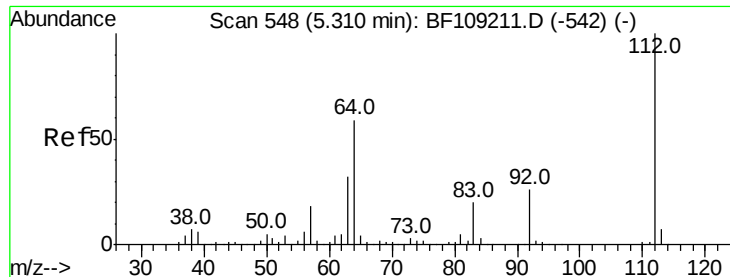
Delta R.T. 0.02 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:	42	Resp:	134576
Ion Ratio	Lower	Upper	
42	100		
74	133.7	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 89.883 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

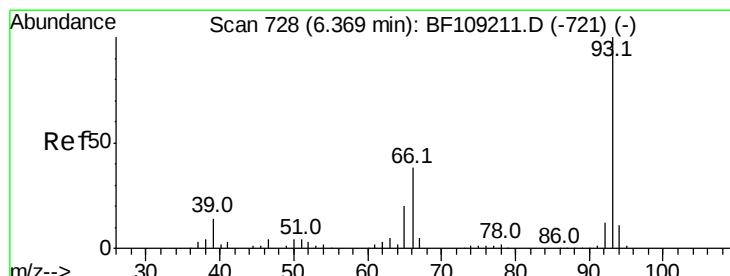
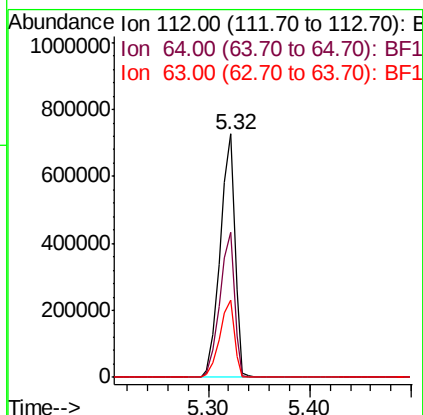
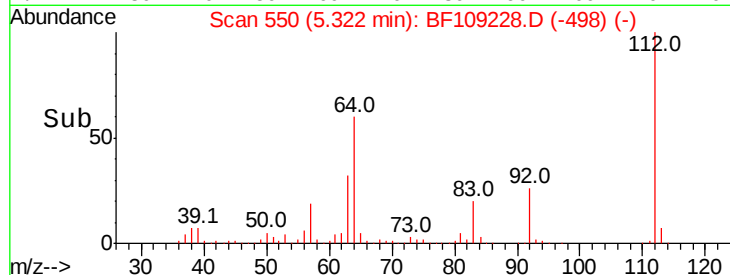
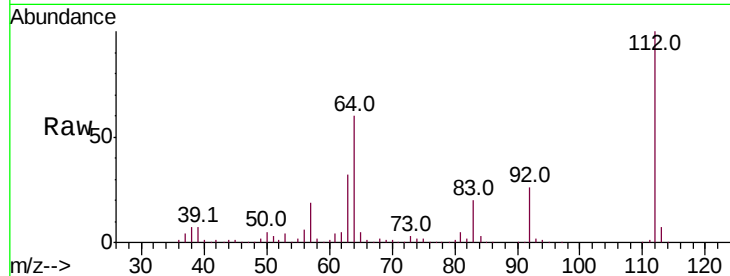
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	112	Resp:	738351
Ion Ratio	Lower	Upper	
112	100		
64	59.6	47.9	71.9
63	31.7	23.7	35.5

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#6

Aniline

Concen: 17.670 ng

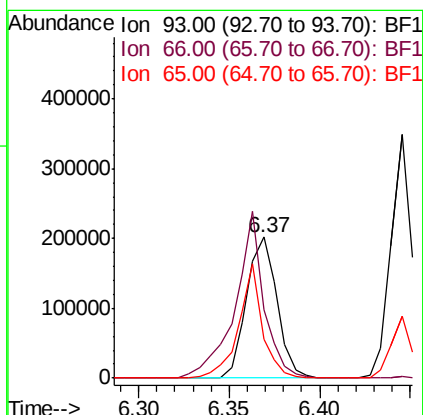
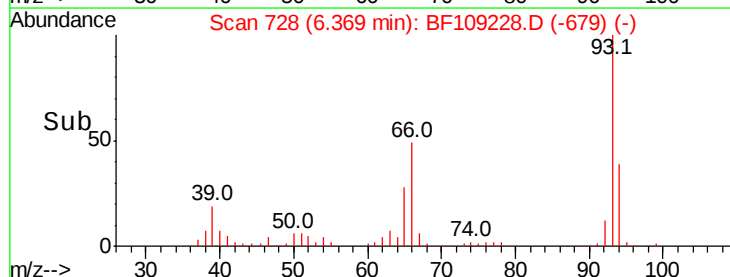
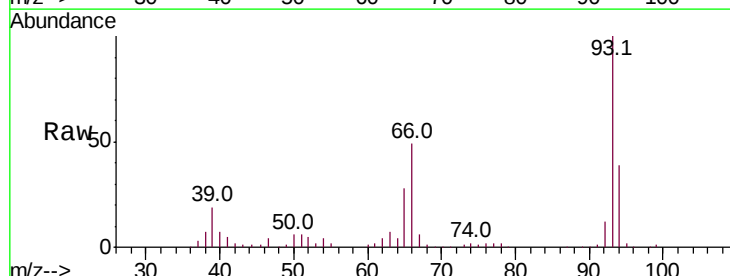
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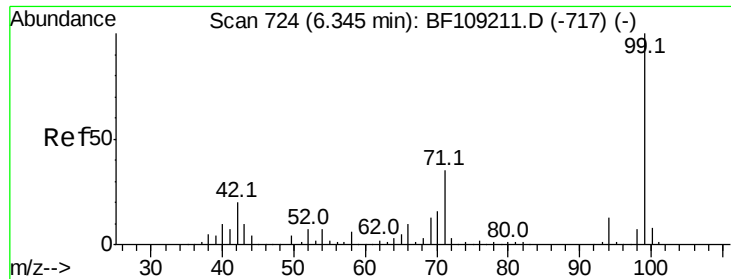
Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:	93	Resp:	236964
Ion Ratio	Lower	Upper	
93	100		
66	48.9	32.2	48.2#
65	27.6	16.4	24.6#





#7

Phenol-d6

Concen: 92.870 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

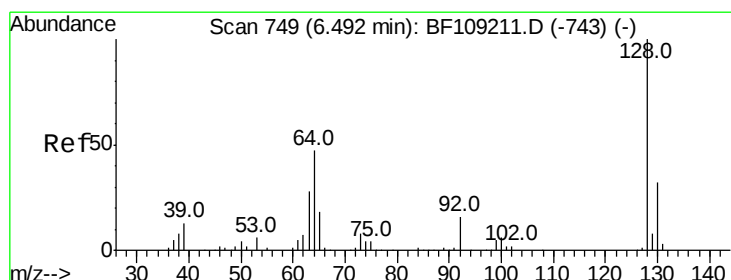
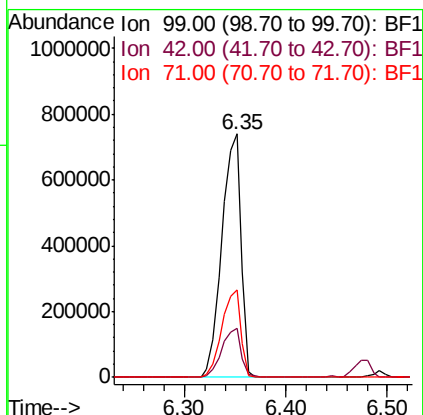
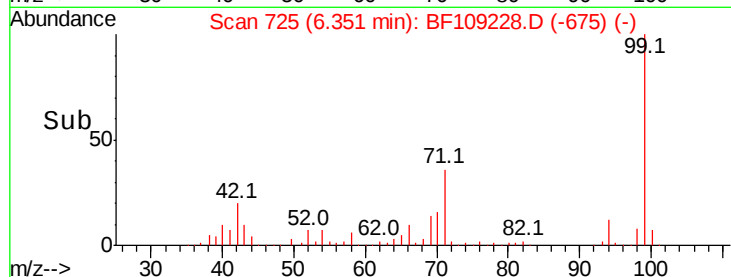
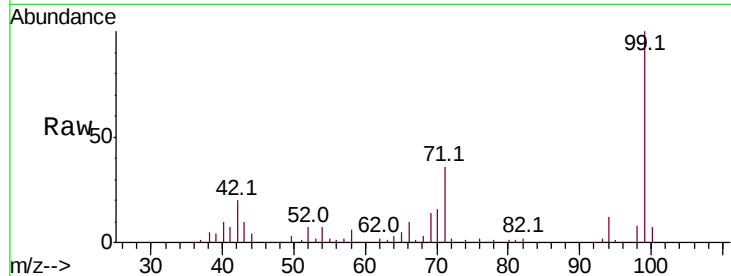
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		973475		
42	20.1	14.5	21.7		
71	35.9	25.4	38.0		

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#8

2-Chlorophenol

Concen: 29.905 ng

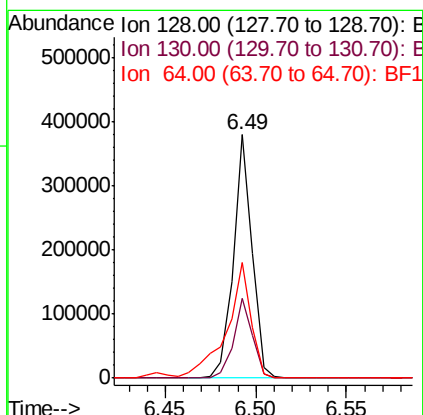
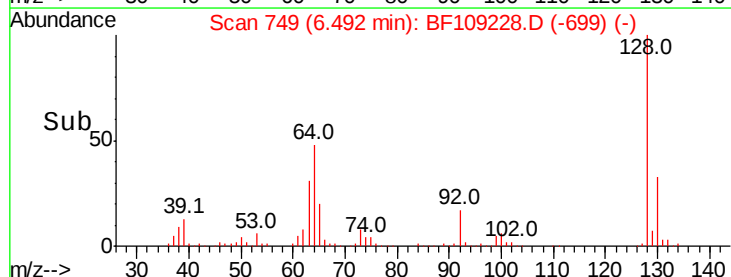
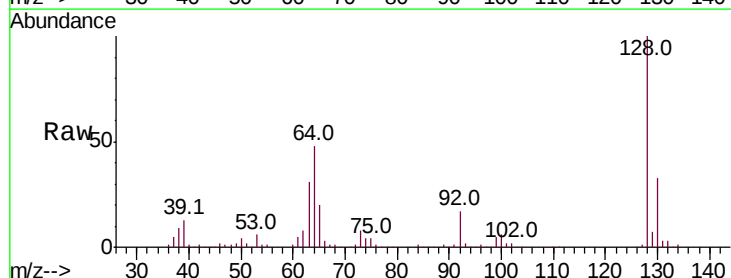
RT: 6.49 min Scan# 749

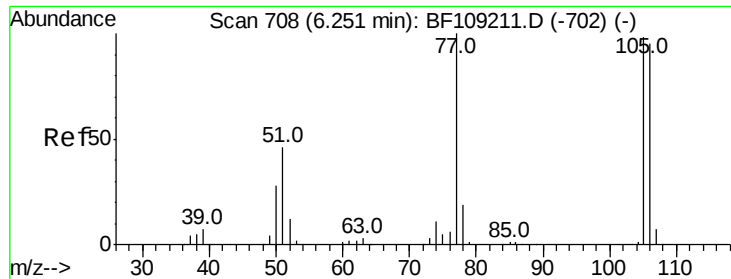
Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		273174		
130	32.9	13.0	53.0		
64	47.7	29.4	69.4		





#9

Benzaldehyde

Concen: 29.882 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

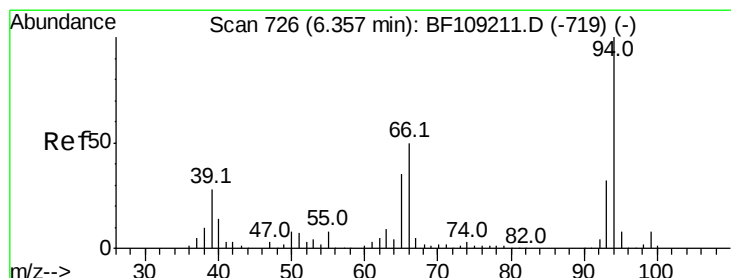
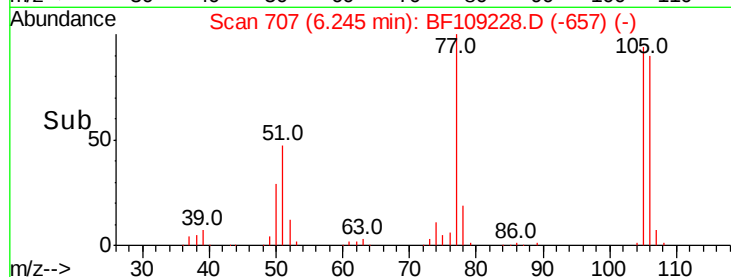
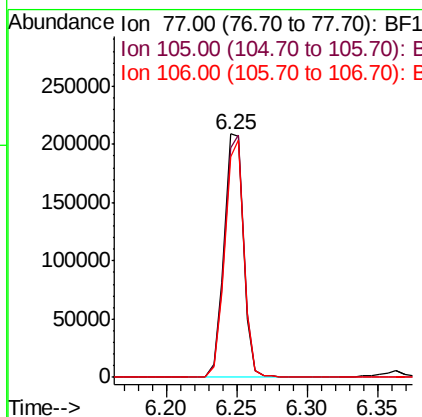
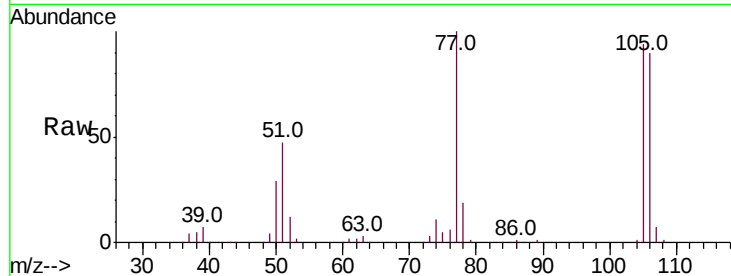
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	77	Resp:	201214
Ion	Ratio	Lower	Upper
77	100		
105	94.3	81.1	121.1
106	90.5	74.5	114.5

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#10

Phenol

Concen: 29.161 ng

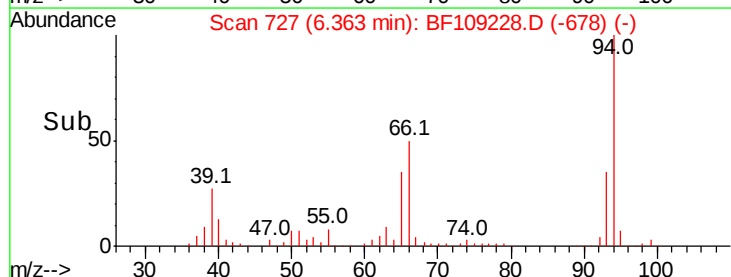
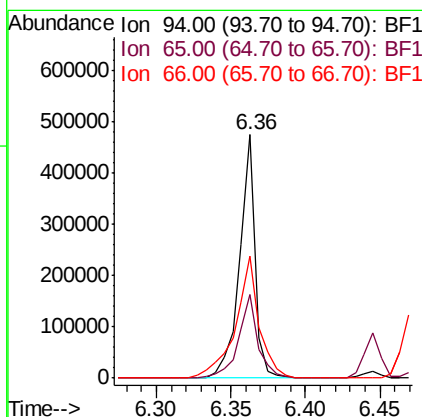
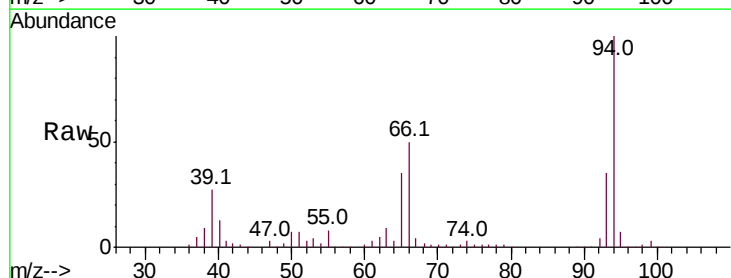
RT: 6.36 min Scan# 727

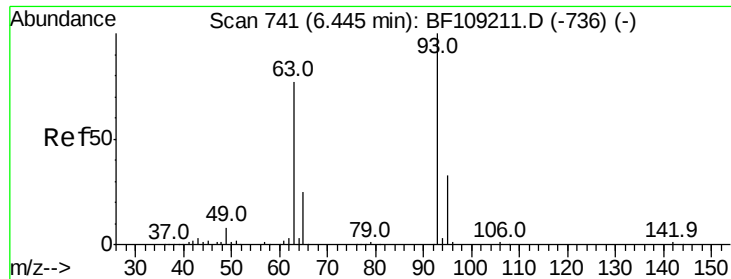
Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:	94	Resp:	346159
Ion	Ratio	Lower	Upper
94	100		
65	34.6	7.9	47.9
66	50.2	16.2	56.2





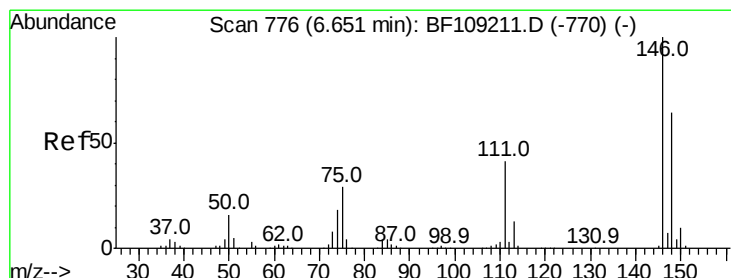
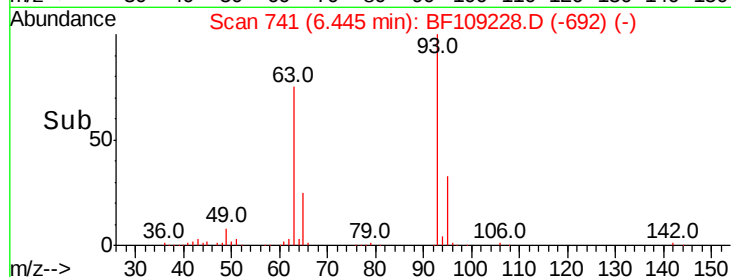
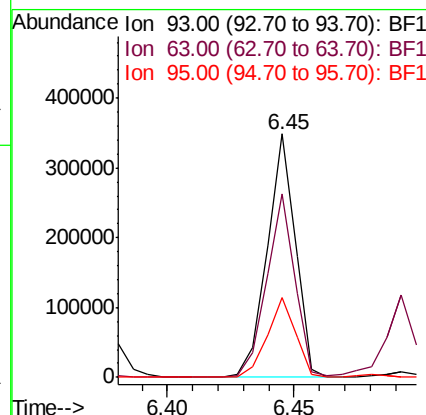
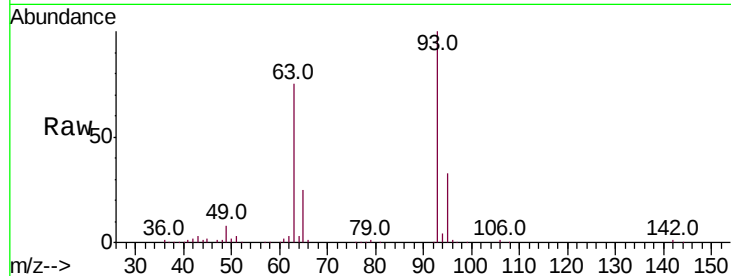
#11
 bis(2-Chloroethyl)ether
 Concen: 29.109 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion:	93	Resp:	270381
Ion Ratio	Lower	Upper	
93	100		
63	75.4	58.6	98.6
95	32.8	11.8	51.8

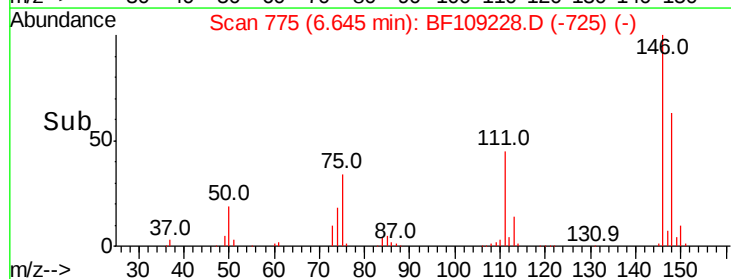
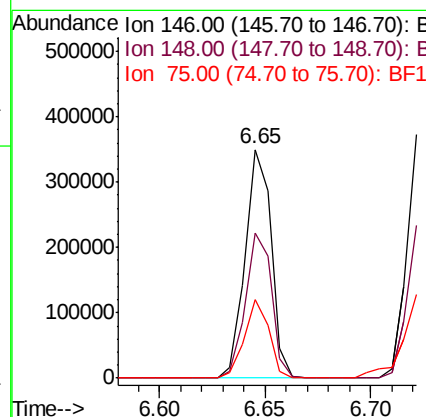
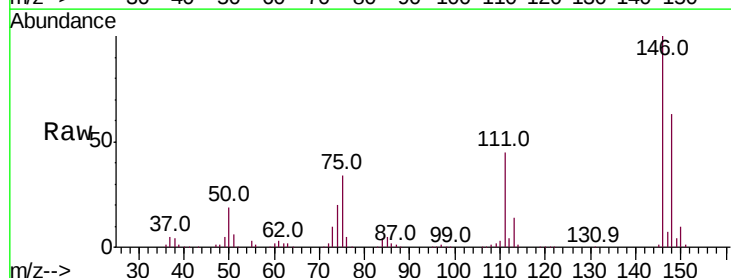
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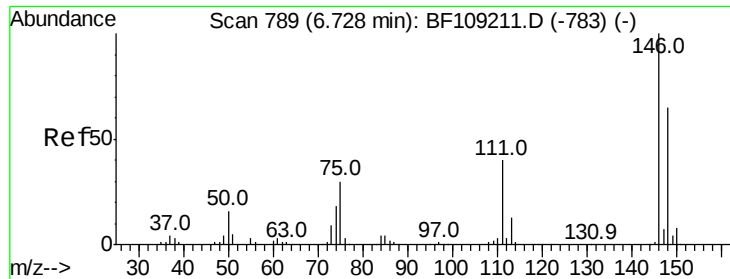
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#12
 1,3-Dichlorobenzene
 Concen: 28.342 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:	146	Resp:	298092
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.8
75	34.2	24.2	36.4





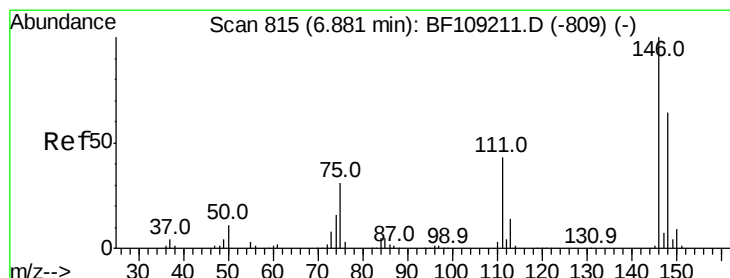
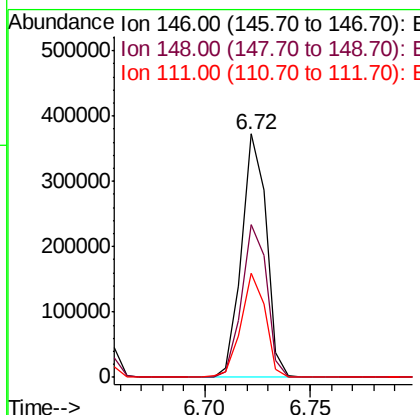
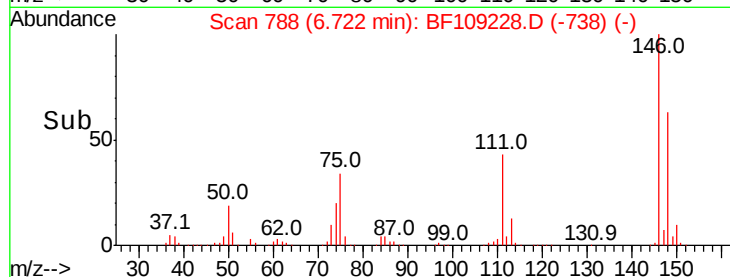
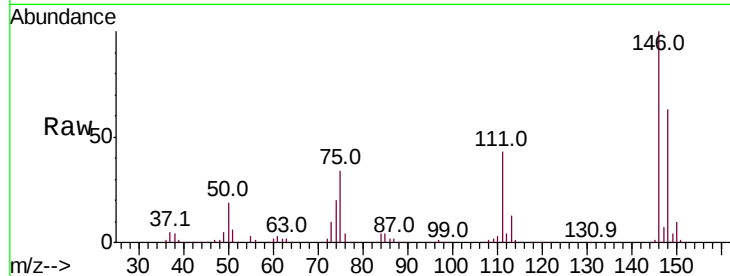
#13
 1,4-Dichlorobenzene
 Concen: 28.456 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	42.6	34.2	51.2

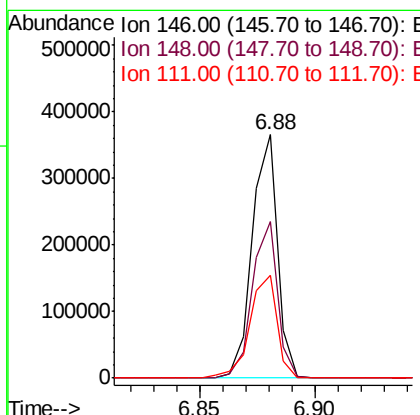
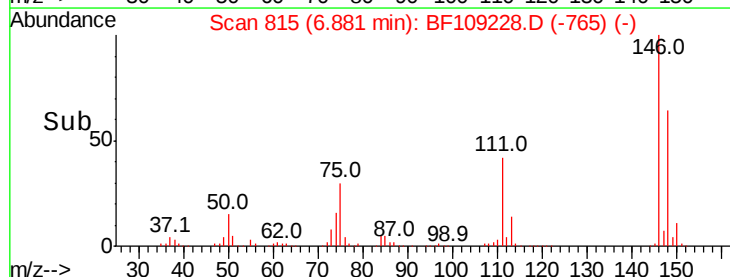
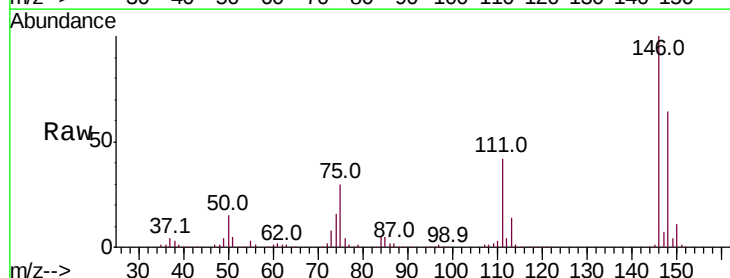
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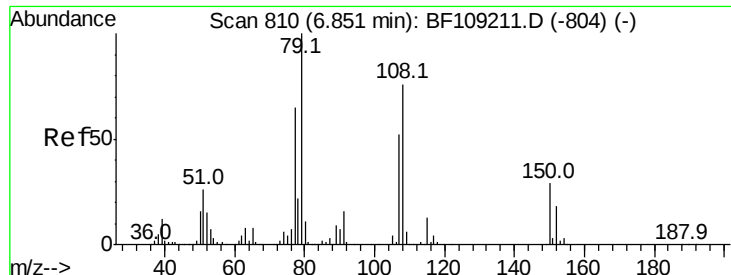
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#14
 1,2-Dichlorobenzene
 Concen: 28.812 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	42.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.418 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion: 79 Resp: 252084

Ion Ratio Lower Upper

79 100

108 75.3 65.1 97.7

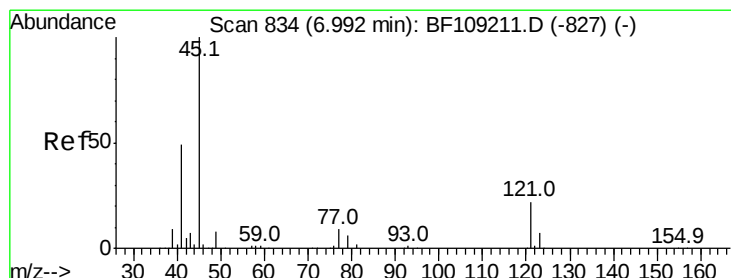
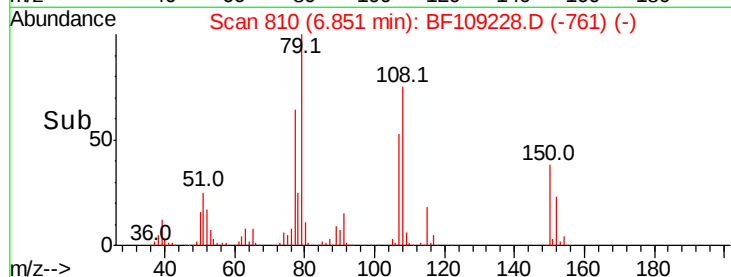
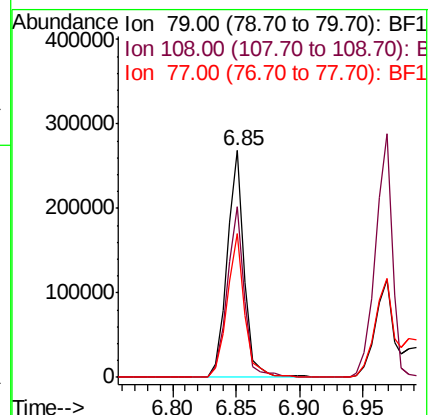
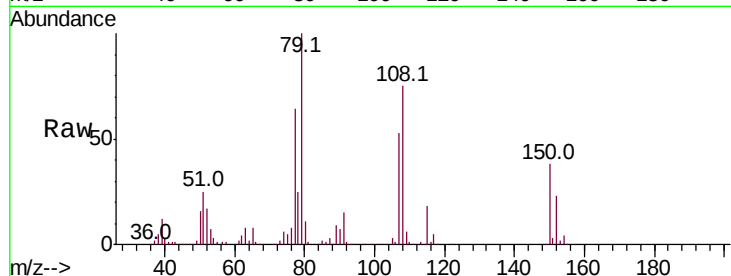
77 63.7 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.896 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

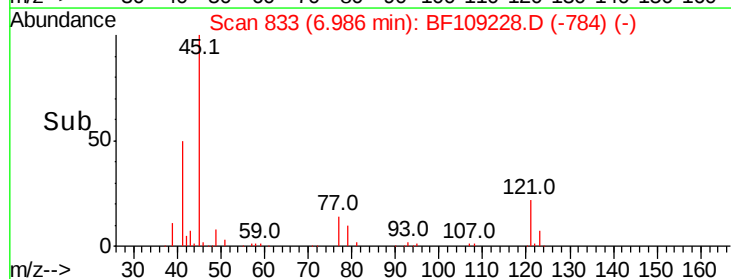
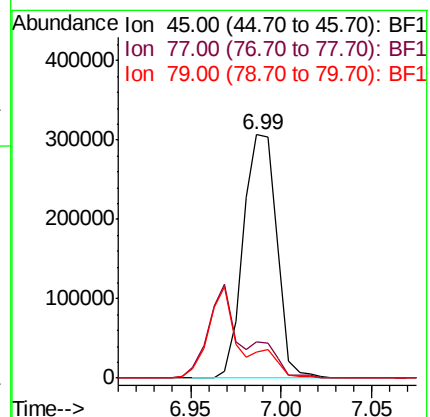
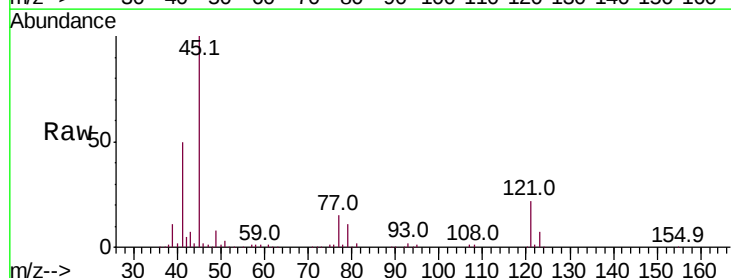
Tgt Ion: 45 Resp: 393895

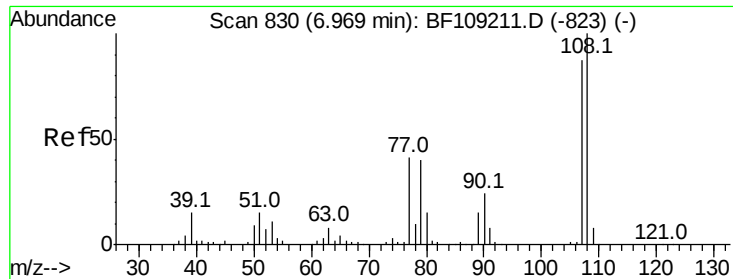
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

79 10.9 0.0 29.6





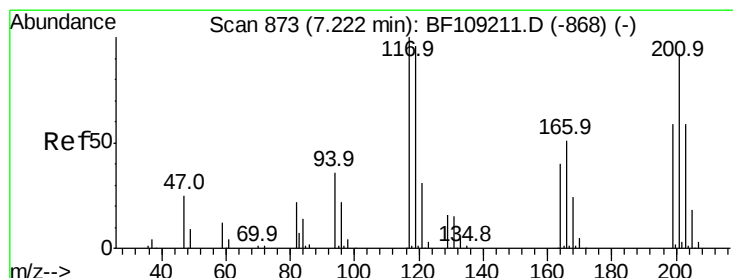
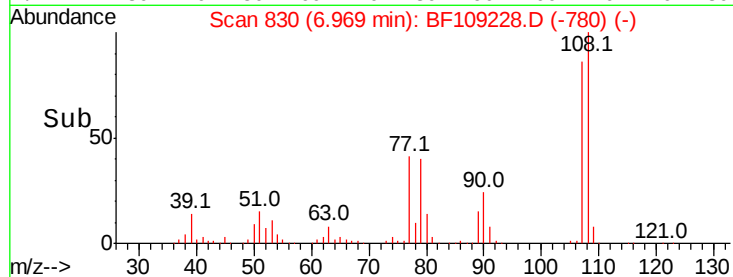
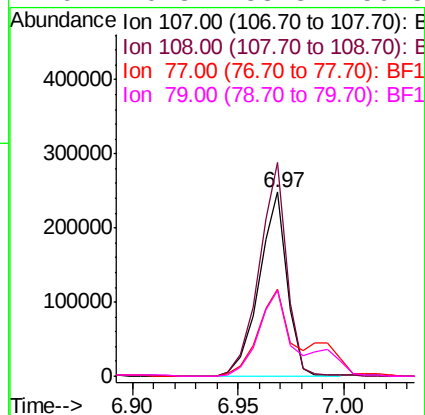
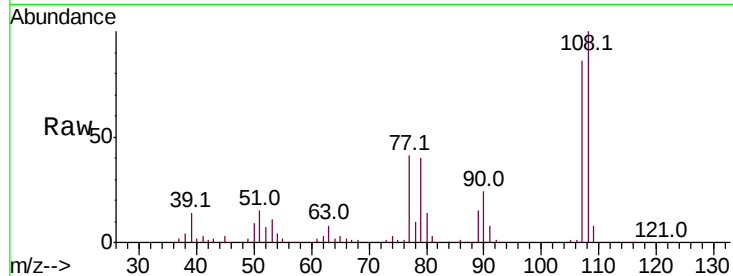
#17
2-Methylphenol
Concen: 30.812 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	227741		
108	116.0	91.7	137.5	
77	47.3	33.8	50.8	
79	46.3	33.8	50.8	

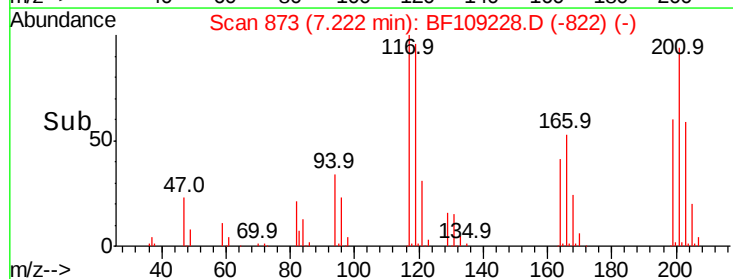
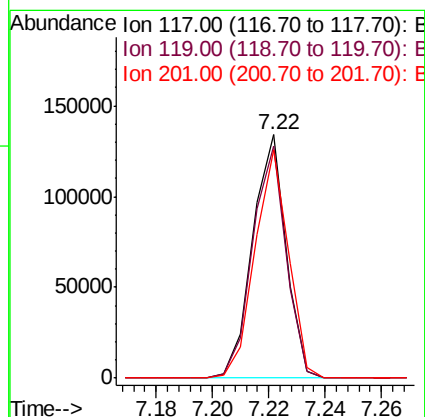
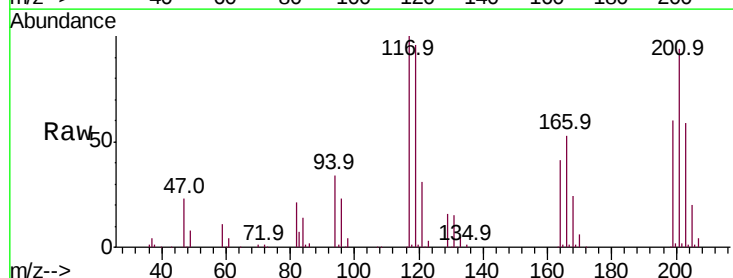
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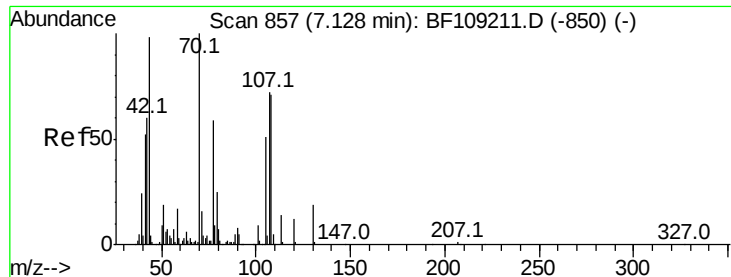
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#18
Hexachloroethane
Concen: 29.451 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109942		
119	95.5	75.8	113.8	
201	93.8	75.7	113.5	





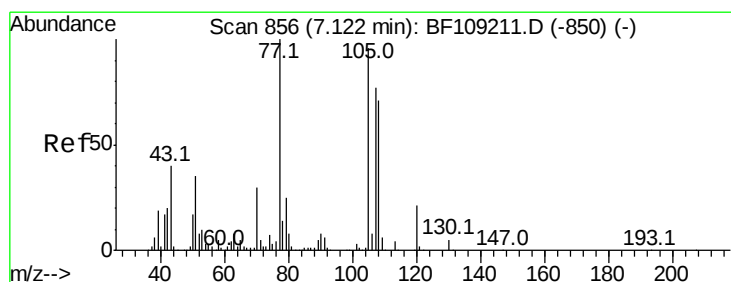
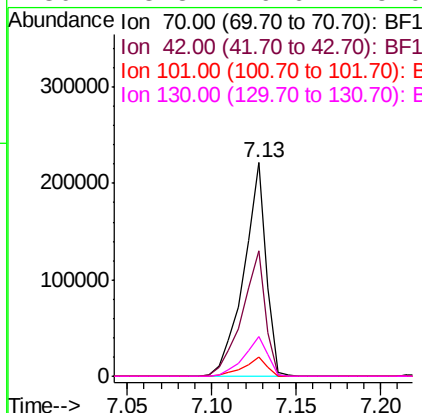
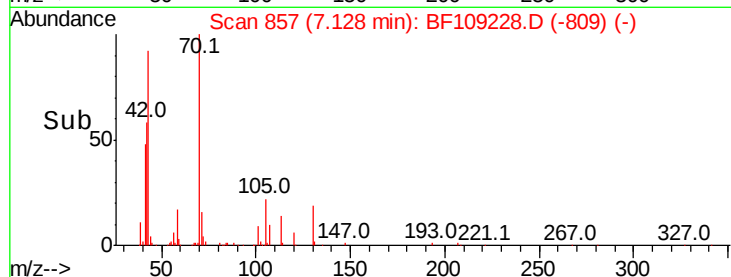
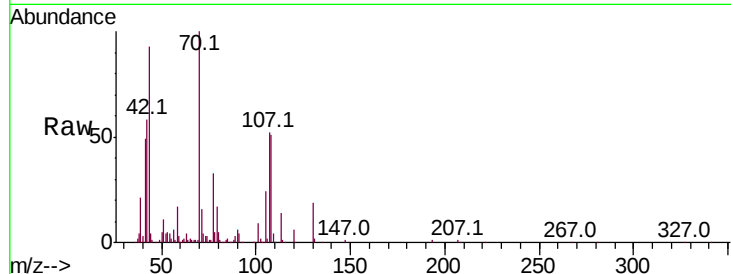
#19
n-Nitroso-di-n-propylamine
Concen: 29.798 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.5		47.5	71.3	
101	9.2		7.4	11.2	
130	18.8		16.6	25.0	

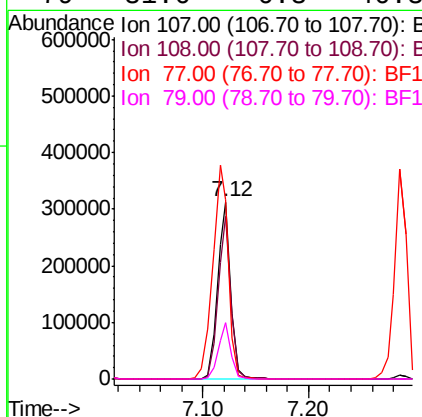
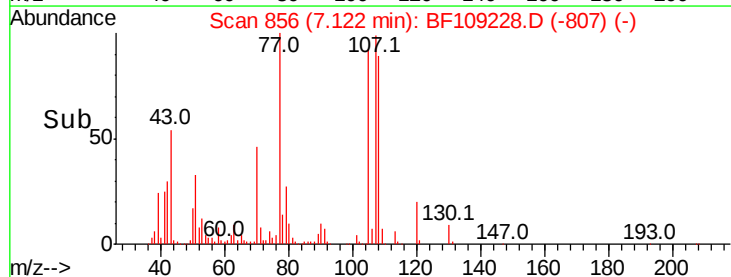
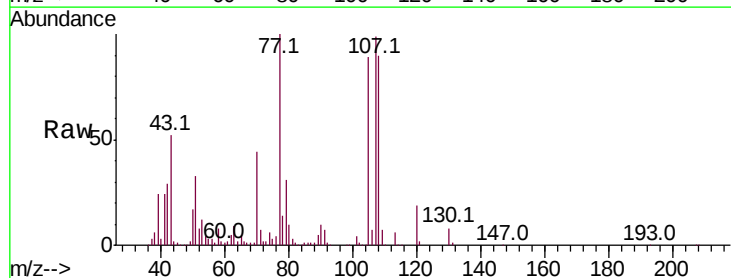
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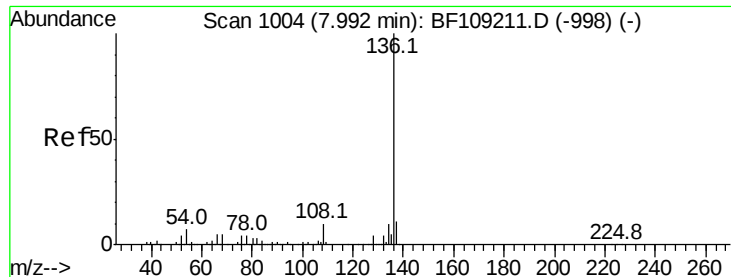
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#20
3+4-Methylphenols
Concen: 30.952 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6		68.2	108.2	
77	101.3		26.7	66.7#	
79	31.6		6.3	46.3	





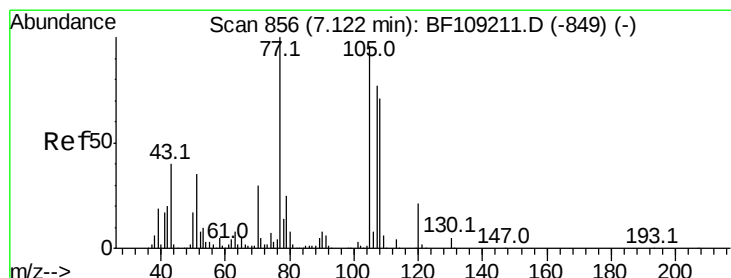
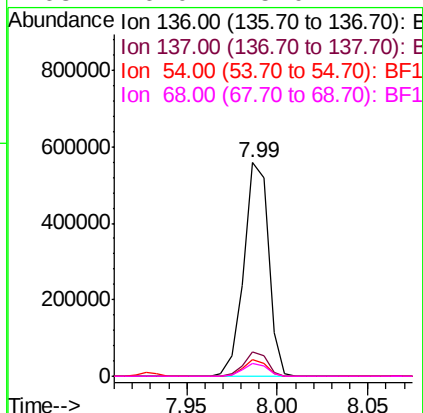
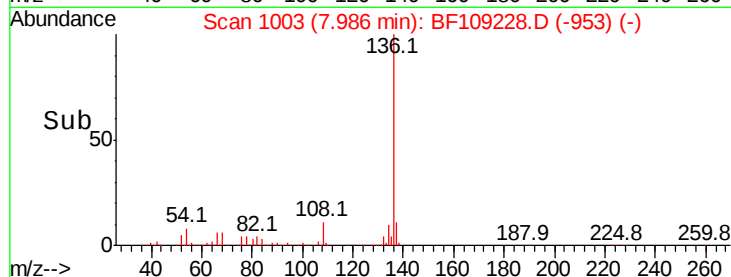
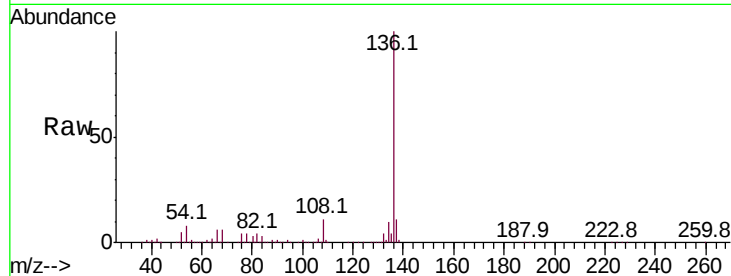
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	8.0	6.6	9.8	
68	6.0	5.0	7.4	

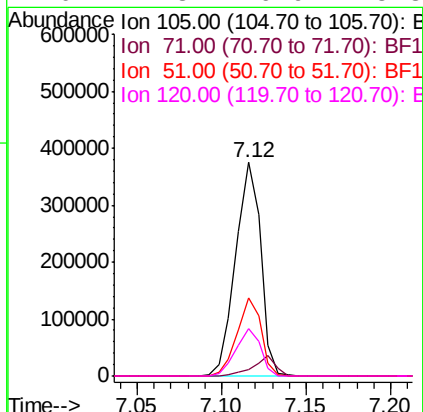
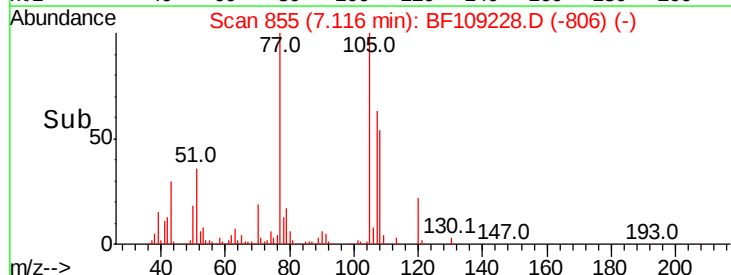
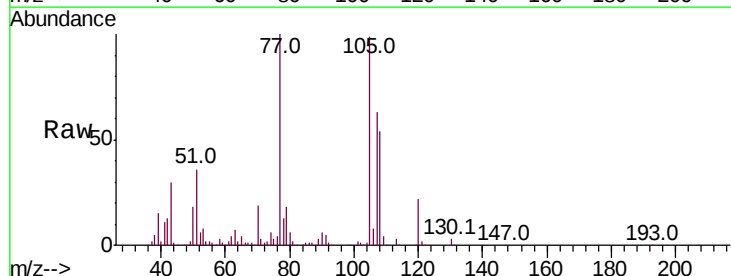
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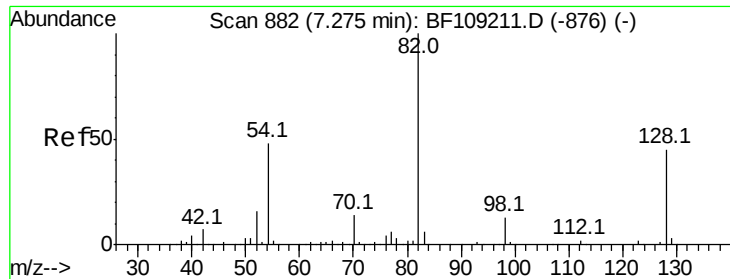
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#22
Acetophenone
Concen: 31.611 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.3	4.4	6.6#	
51	36.3	22.3	33.5#	
120	22.3	16.9	25.3	





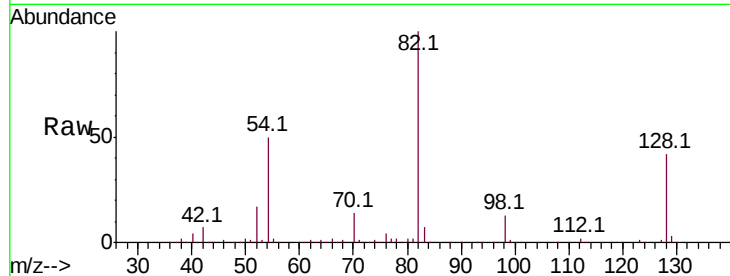
#23
 Nitrobenzene-d5
 Concen: 69.400 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

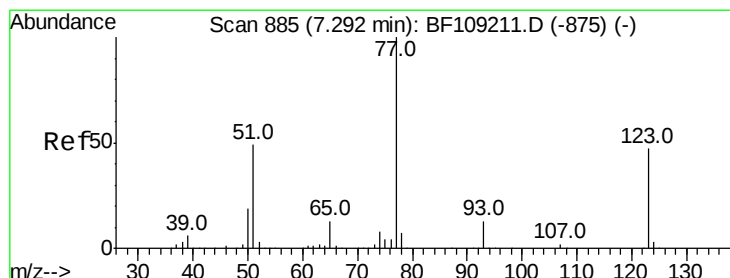
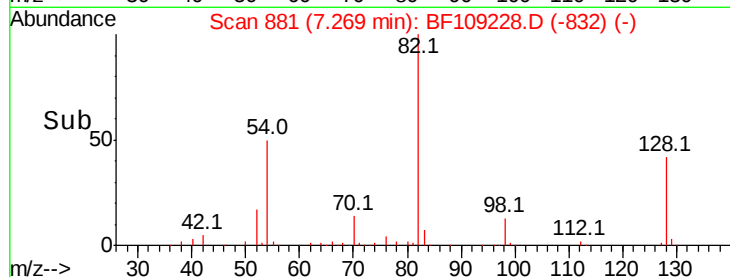
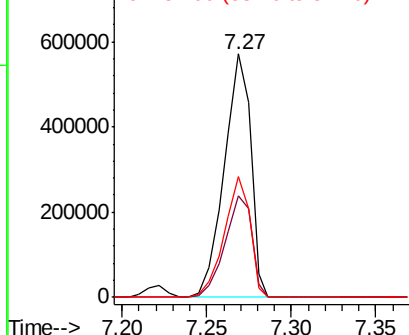
Tot Ion	Ratio	Resp	Lower	Upper
82	100	621794		
128	41.5	36.1	54.1	
54	49.7	41.4	62.2	

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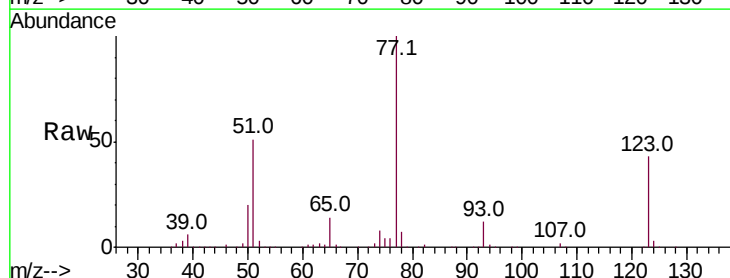


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

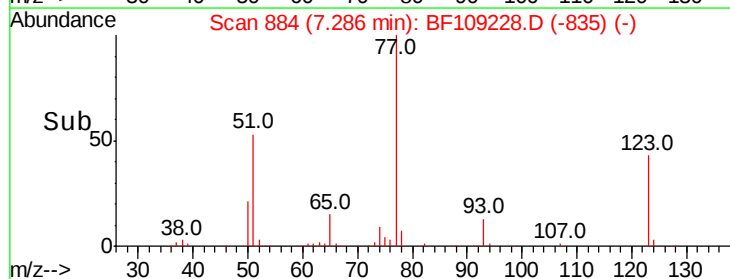
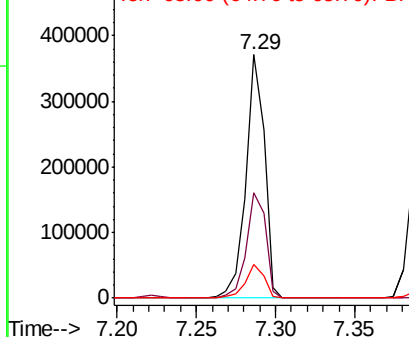


#24
 Nitrobenzene
 Concen: 31.490 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	299982		
123	43.2	37.9	56.9	
65	13.7	11.0	16.4	



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





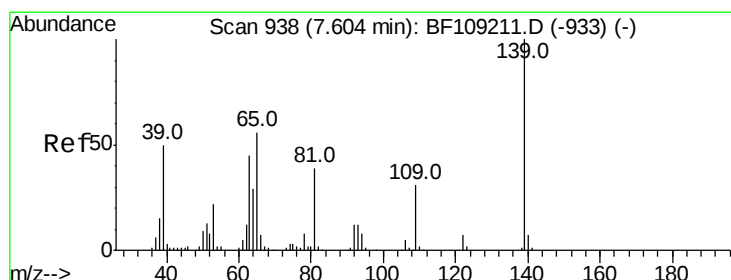
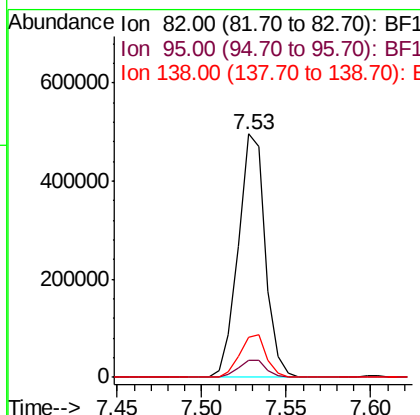
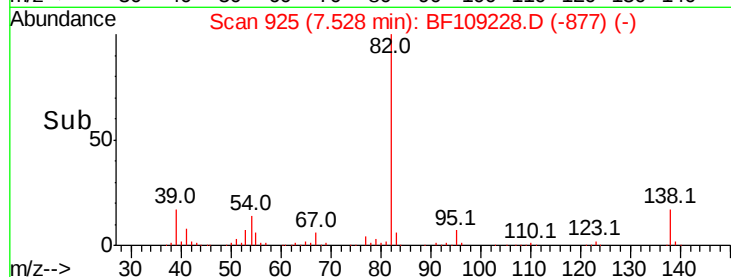
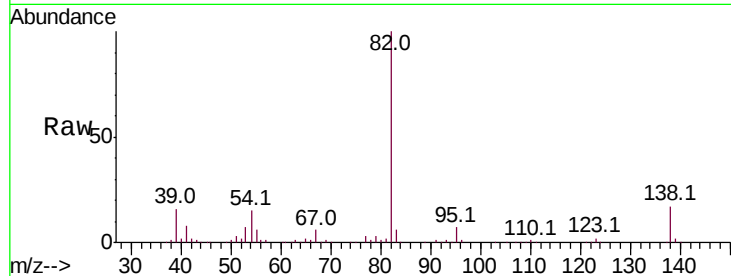
#25
Isophorone
Concen: 34.320 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	553709		
95	7.1		5.2	7.8
138	16.7		14.9	22.3

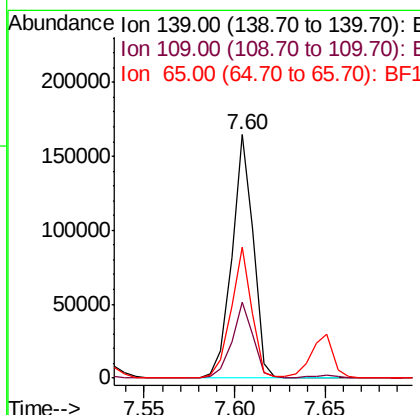
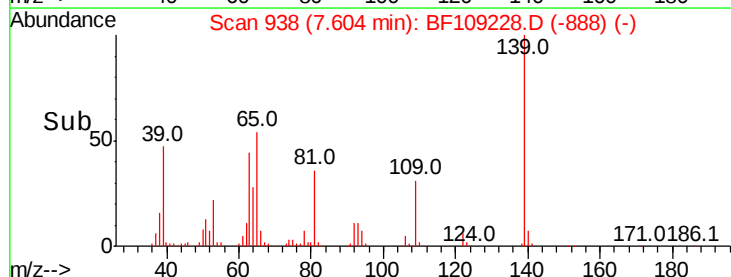
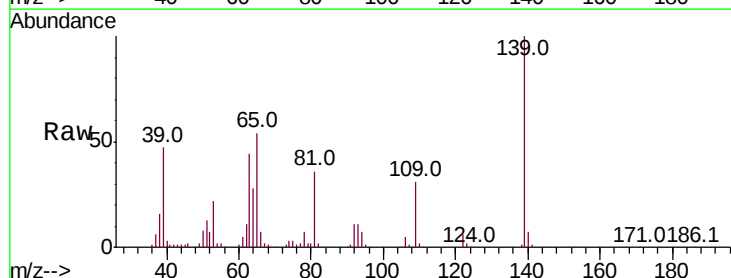
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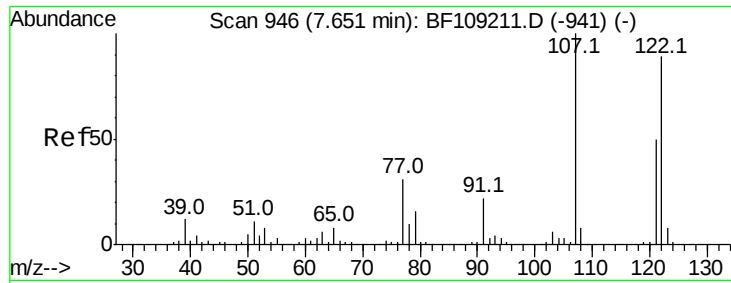
Sohil
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#26
2-Nitrophenol
Concen: 35.723 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	134583		
109	31.1		22.7	34.1
65	53.6		40.5	60.7





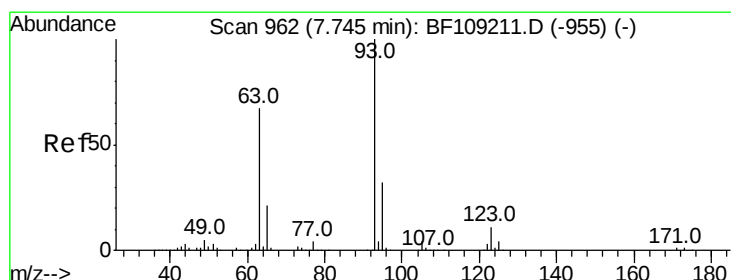
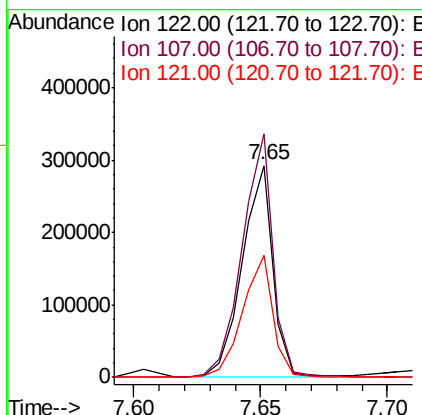
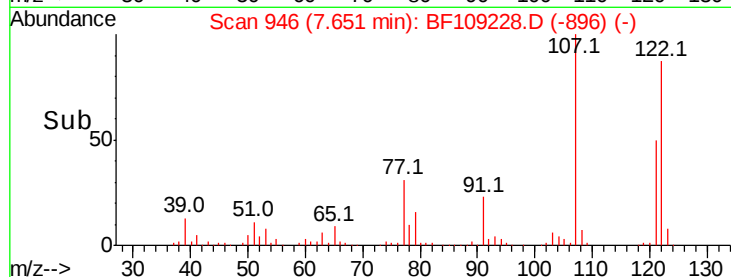
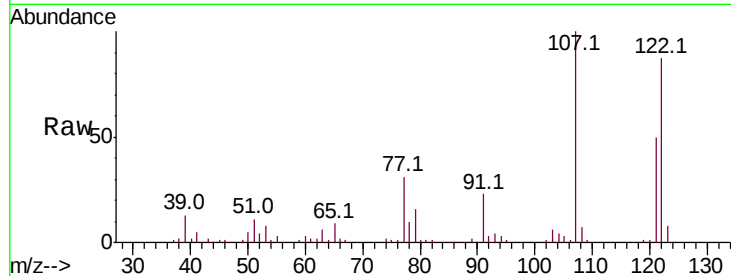
#27
 2,4-Dimethylphenol
 Concen: 35.211 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	114.9	91.2	136.8
121	57.4	47.2	70.8

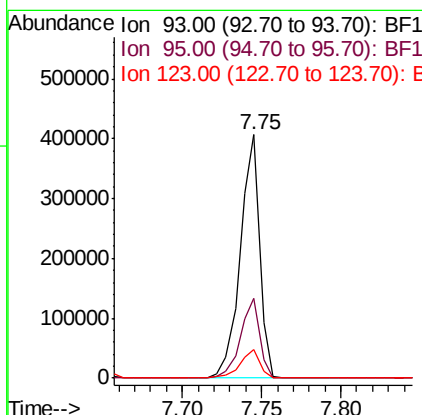
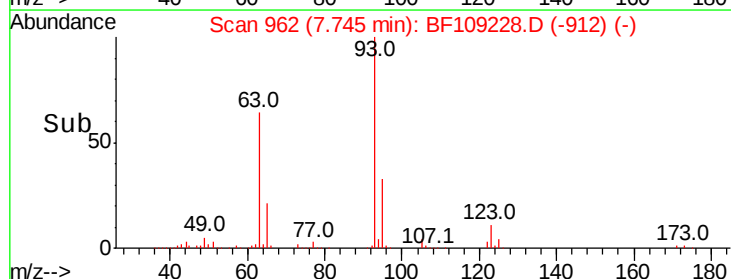
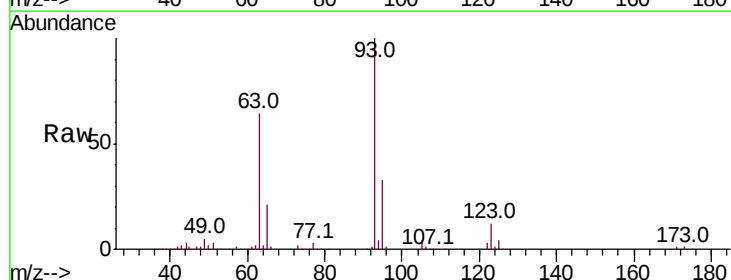
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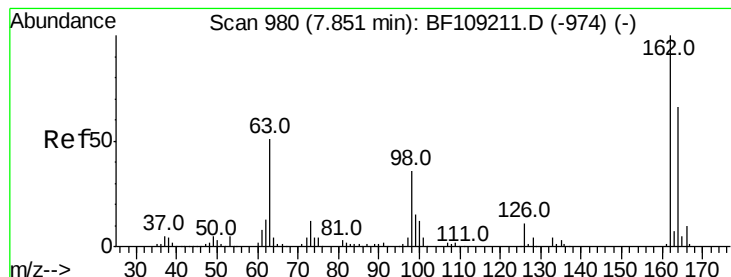
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 32.149 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.6	9.8	14.6





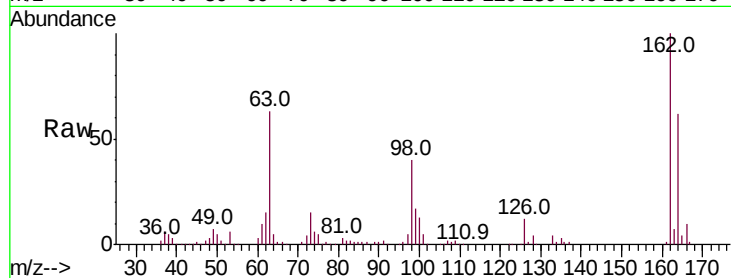
#29
 2,4-Dichlorophenol
 Concen: 31.819 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

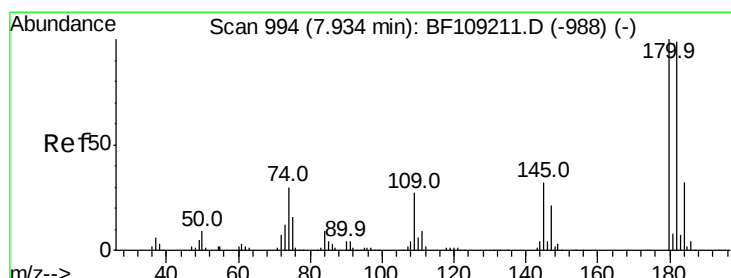
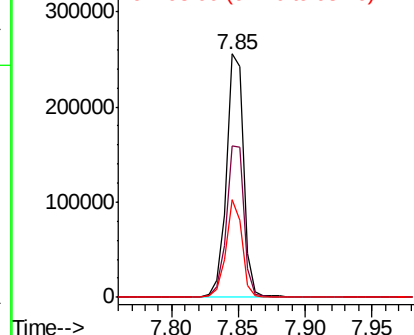
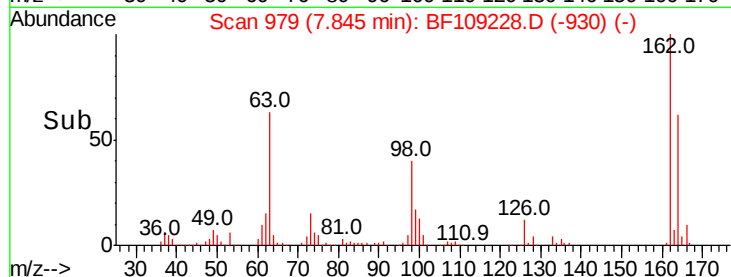
Tot Ion	Ratio	Resp	Lower	Upper
162	100	235020		
164	62.3		42.7	82.7
98	40.1		18.1	58.1

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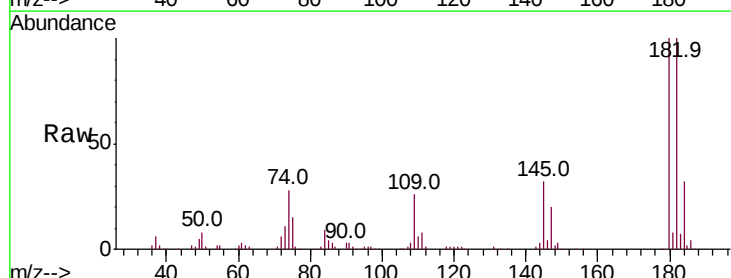


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

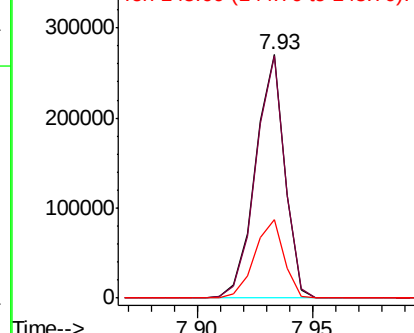
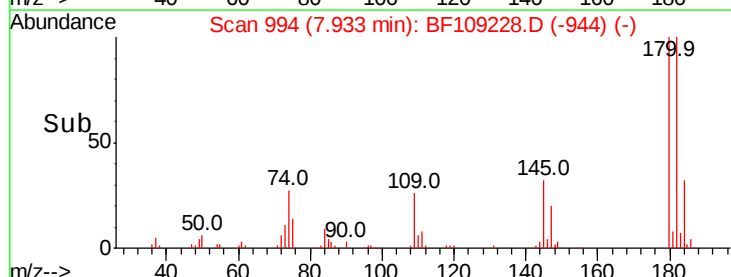


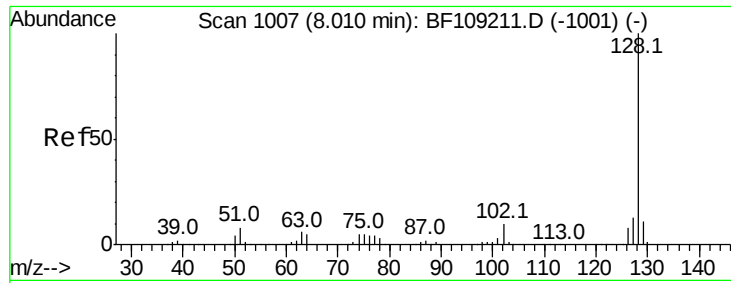
#30
 1,2,4-Trichlorobenzene
 Concen: 29.022 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	239526		
182	99.7		76.8	115.2
145	32.1		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





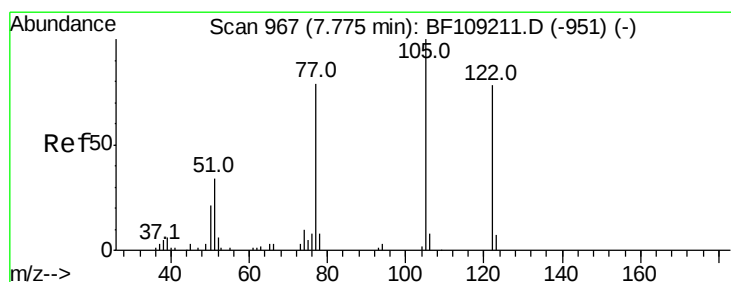
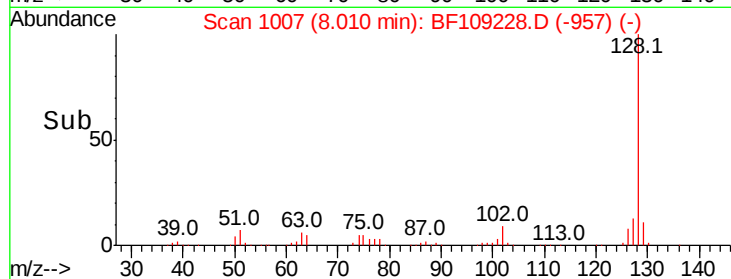
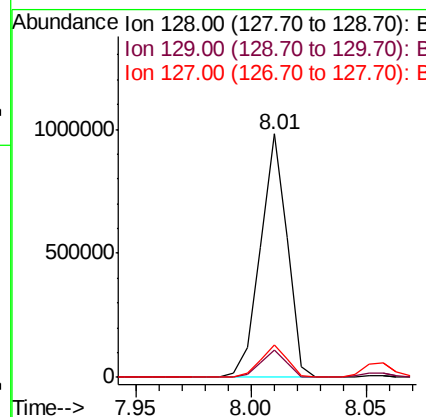
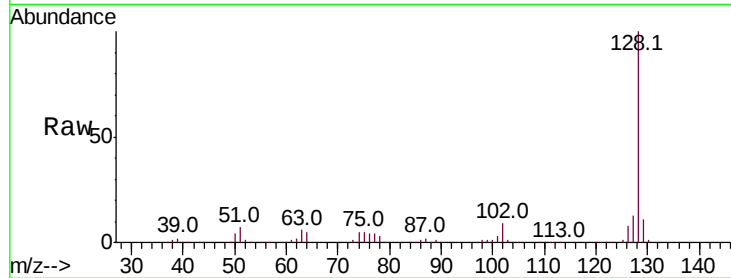
#31
Naphthalene
Concen: 32.171 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	795113		
129	11.1	8.8	13.2	
127	13.1	10.9	16.3	

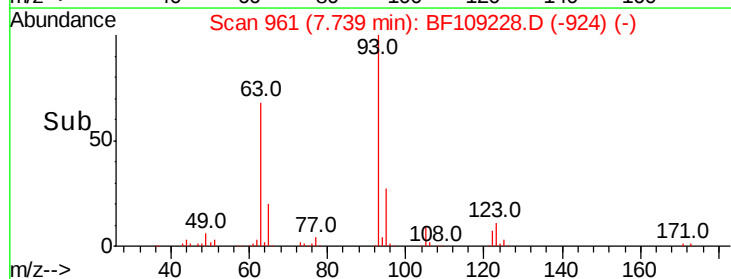
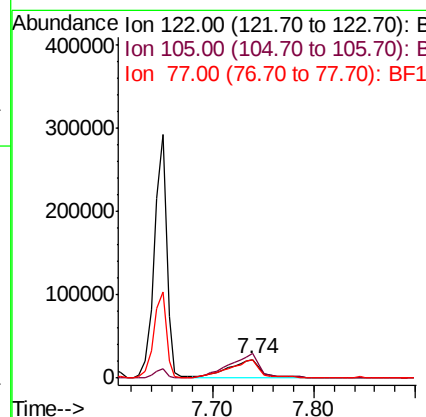
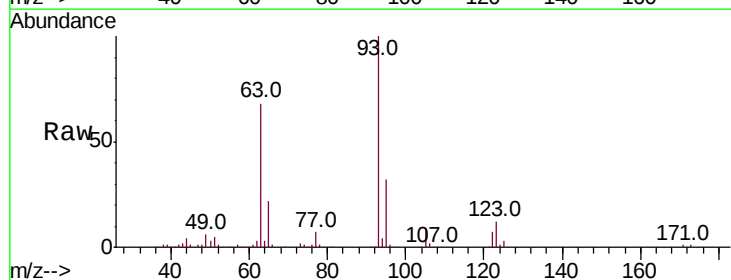
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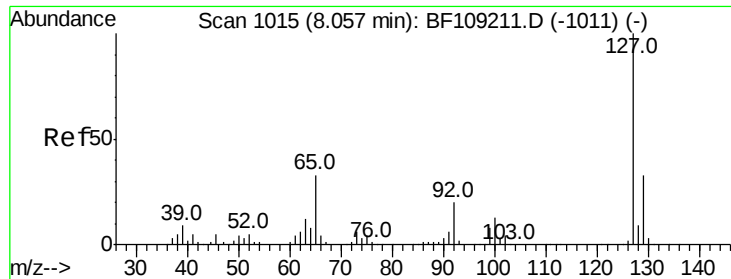
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#32
Benzoic acid
Concen: 15.844 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.08 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	50347		
105	127.4	101.1	141.1	
77	94.9	70.7	110.7	





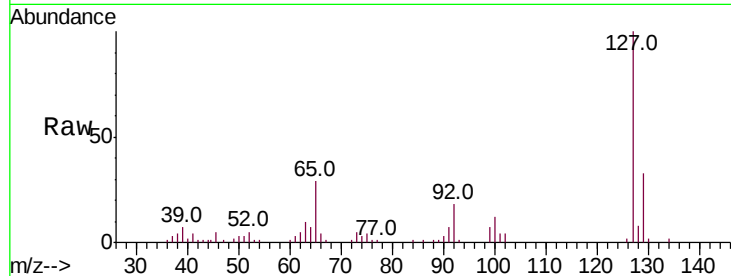
#33
4-Chloroaniline
Concen: 5.419 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

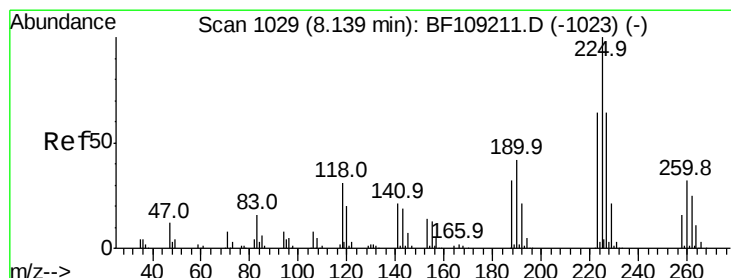
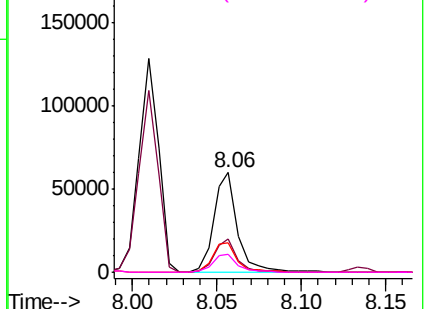
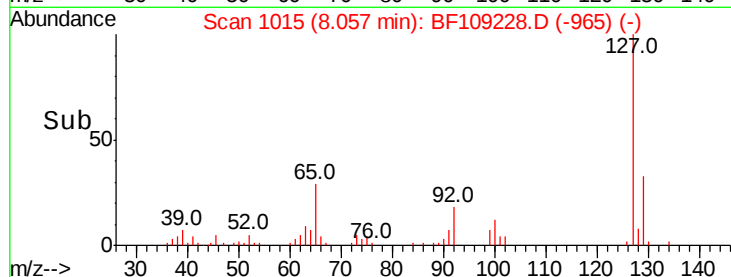
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	29.5	25.0	37.4
92	17.9	15.2	22.8

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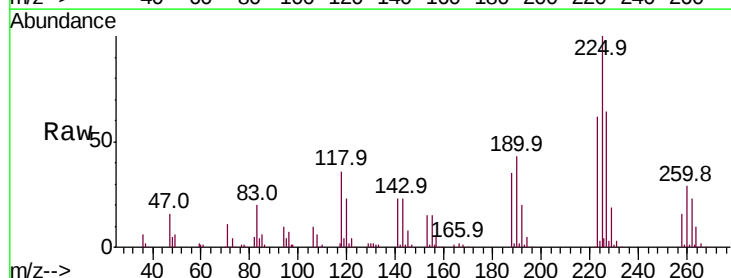


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

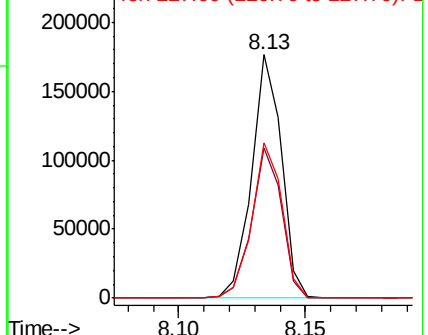
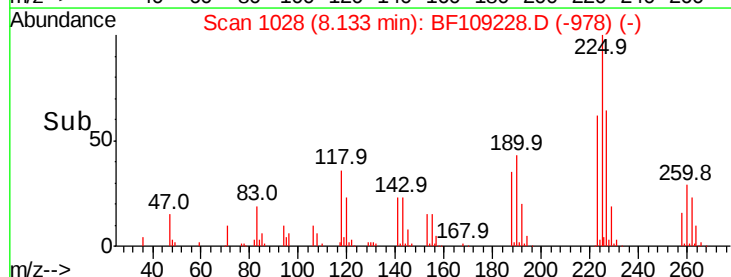


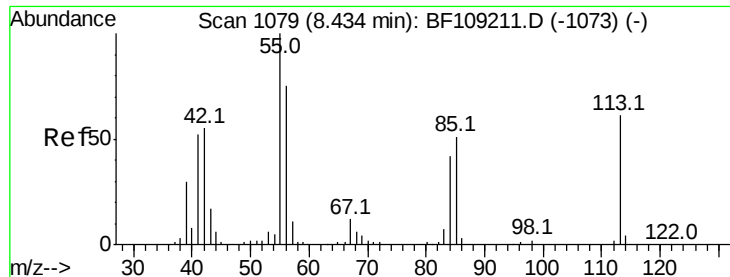
#34
Hexachlorobutadiene
Concen: 29.134 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	63.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





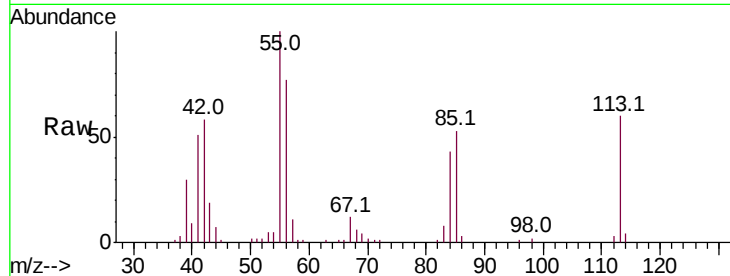
#35
 Caprolactam
 Concen: 31.550 ng/ml
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleID :
 FK-GF-02-026-BMSD

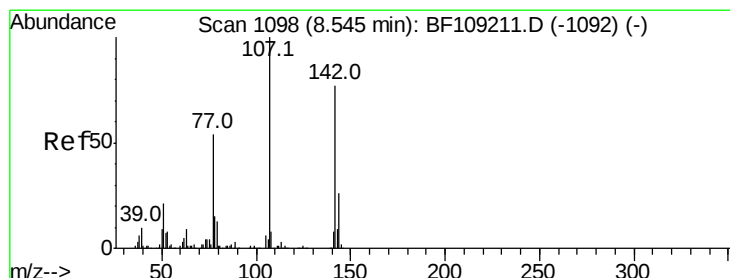
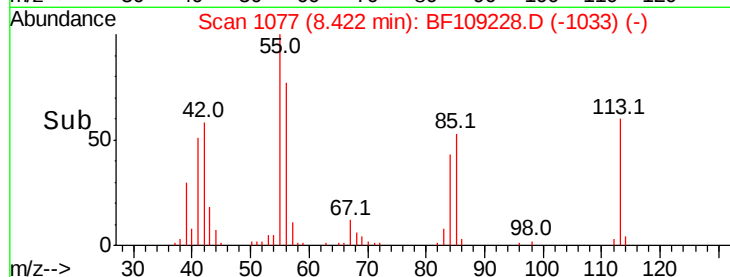
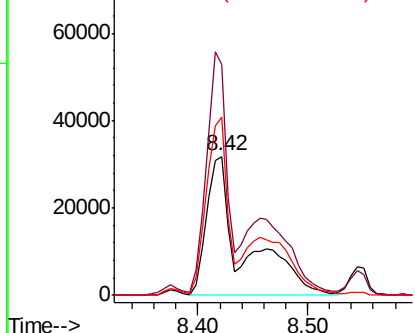
Tot Ion	Ratio	Lower	Upper
113	100		
55	165.5	163.3	203.3
56	127.8	115.7	155.7

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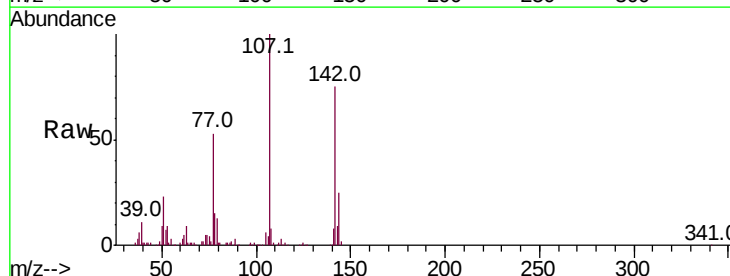


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

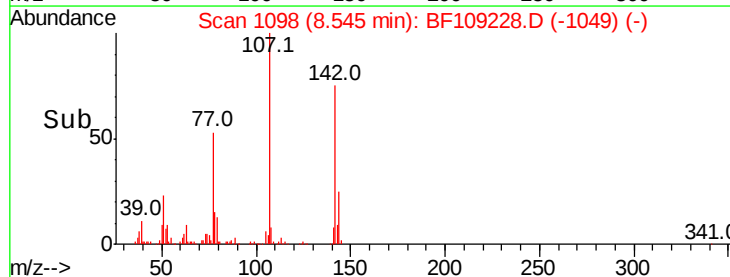
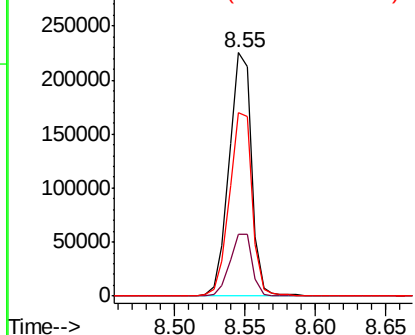


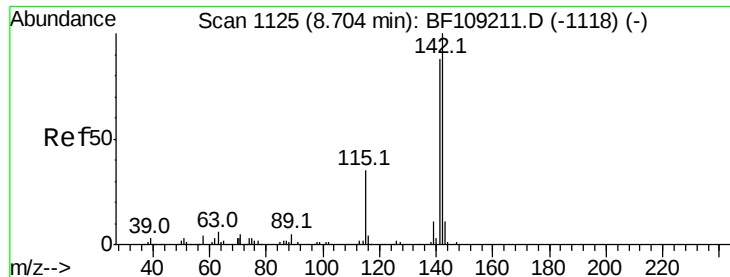
#36
 4-Chloro-3-methylphenol
 Concen: 32.214 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	75.3	62.0	93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.186 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

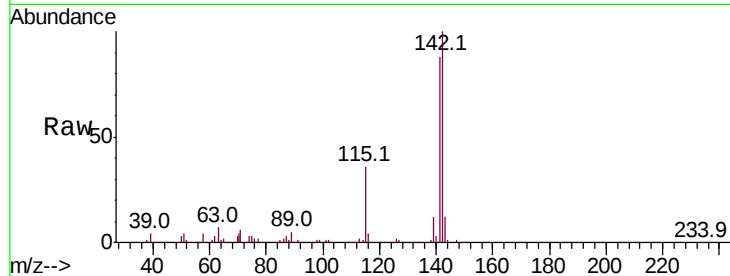
Instrument :
BNA_F

ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	36.3	26.1	39.1

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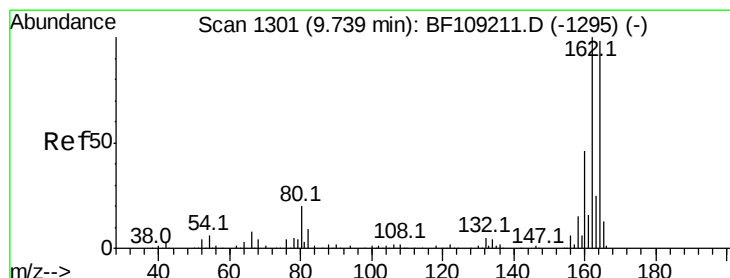
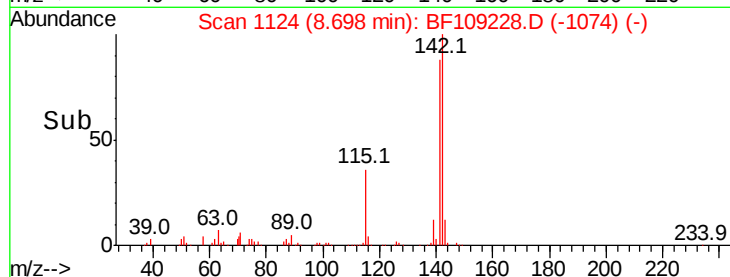
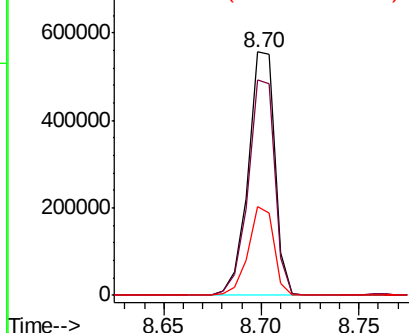


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

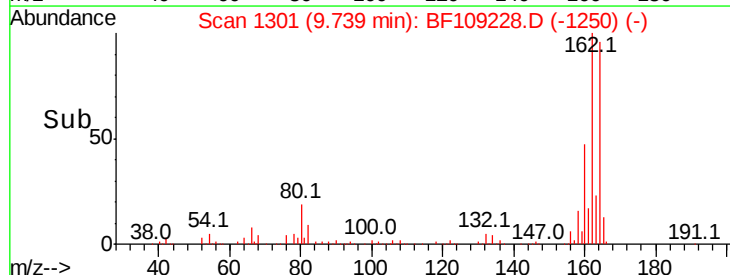
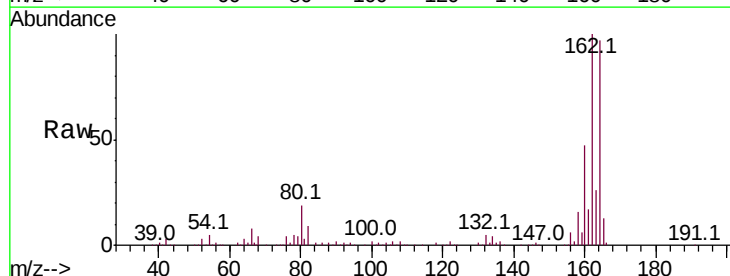
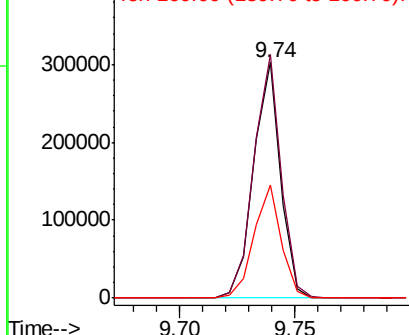
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	48.0	38.3	57.5

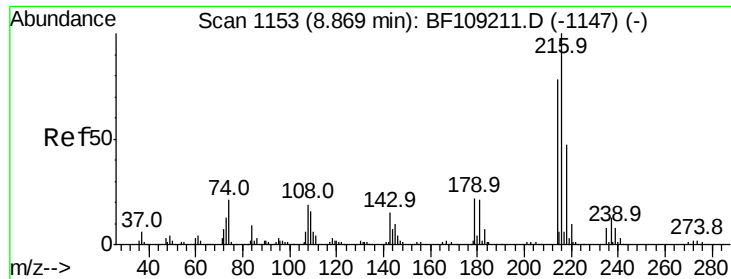
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





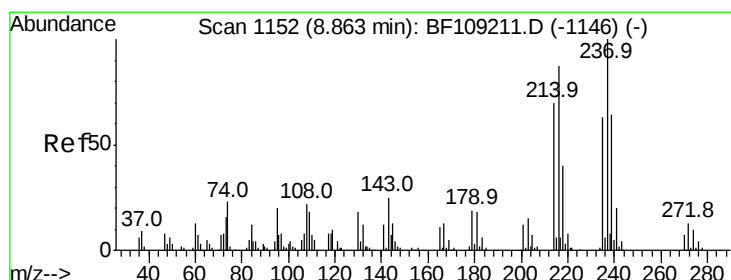
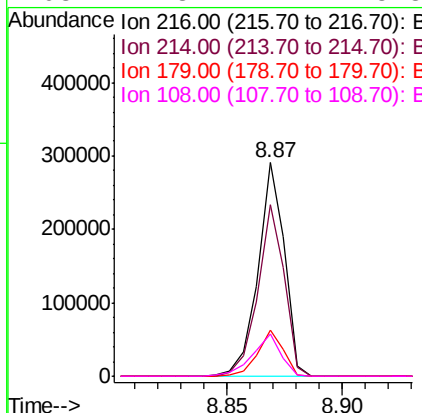
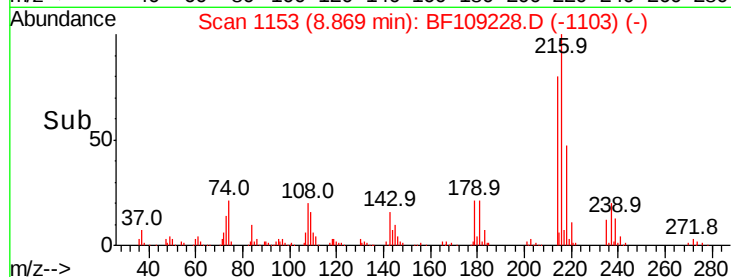
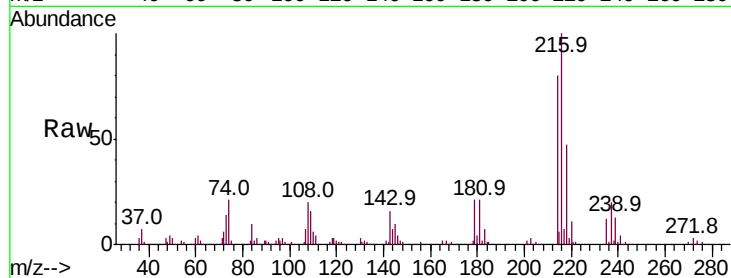
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.624 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	232503		
214	80.1	63.0	94.4	
179	20.9	18.1	27.1	
108	21.3	17.2	25.8	

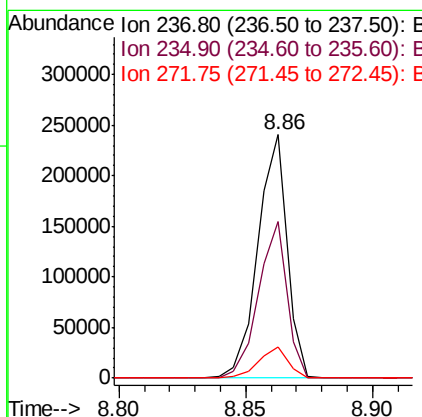
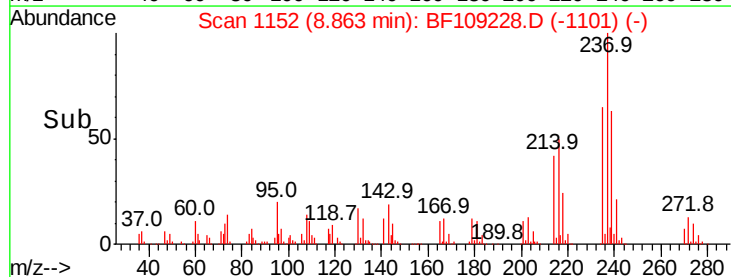
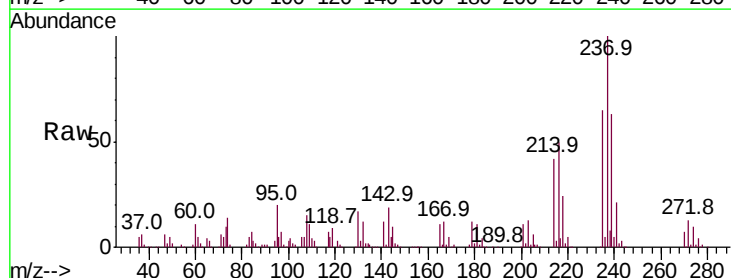
Manual Integrations
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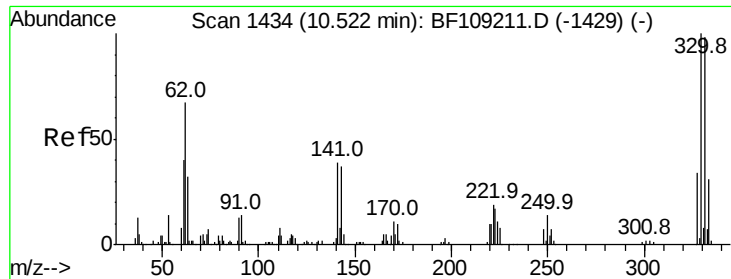
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#40
 Hexachlorocyclopentadiene
 Concen: 56.850 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	194611		
235	64.6	44.8	84.8	
272	12.7	0.0	33.3	





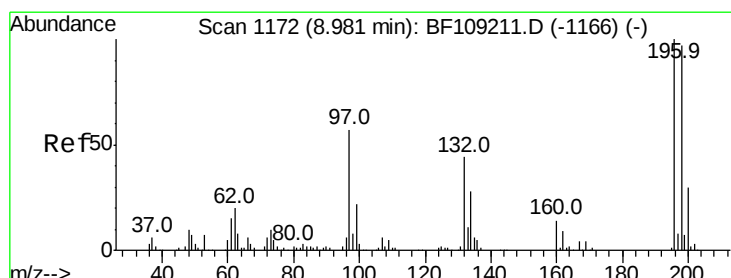
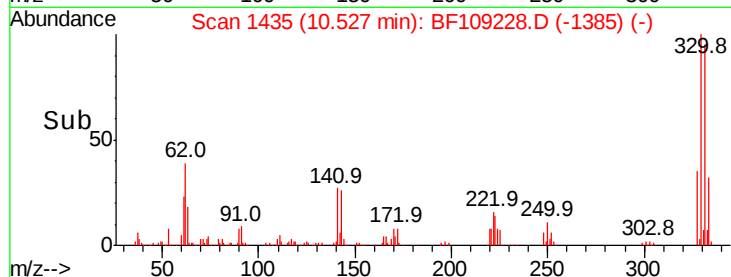
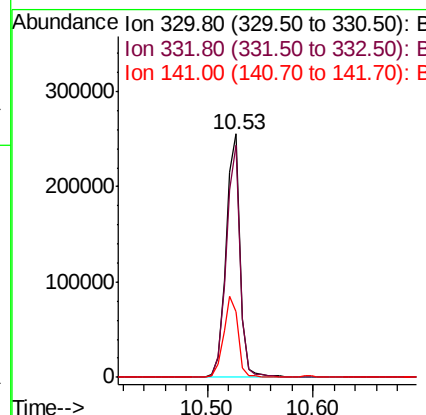
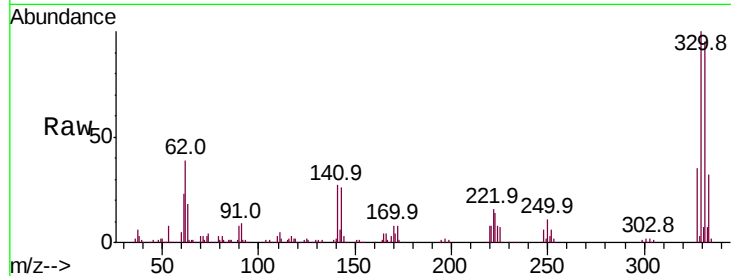
#41
 2,4,6-Tribromophenol
 Concen: 99.317 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	241443		
332	94.2	77.0	115.6	
141	34.5	29.9	44.9	

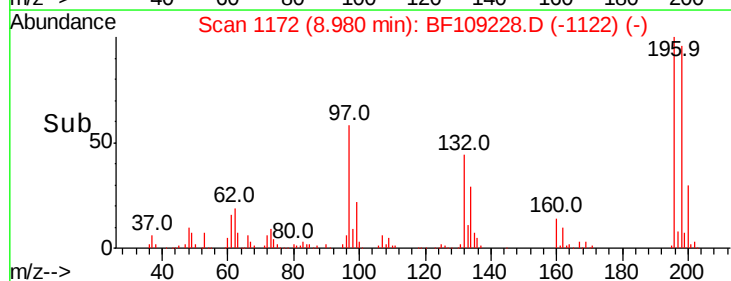
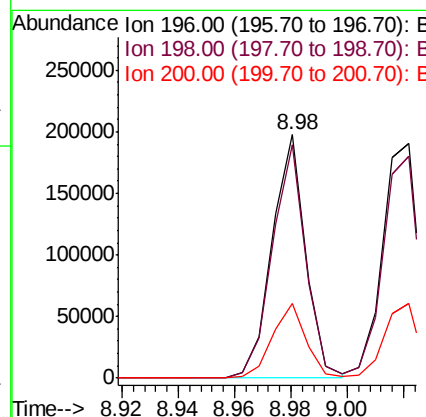
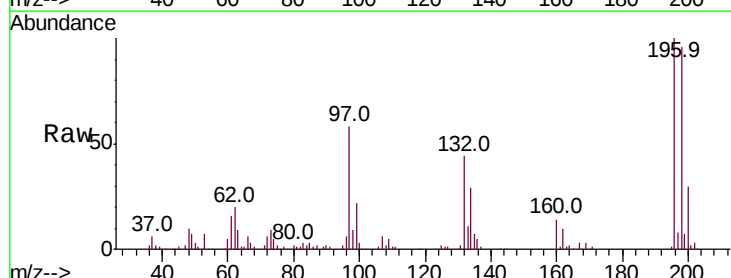
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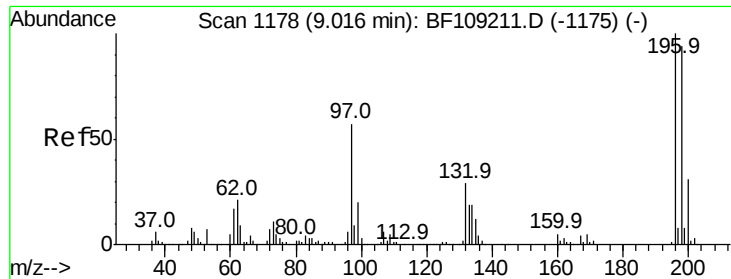
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#42
 2,4,6-Trichlorophenol
 Concen: 32.390 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163150		
198	95.8	75.7	113.5	
200	30.5	24.5	36.7	





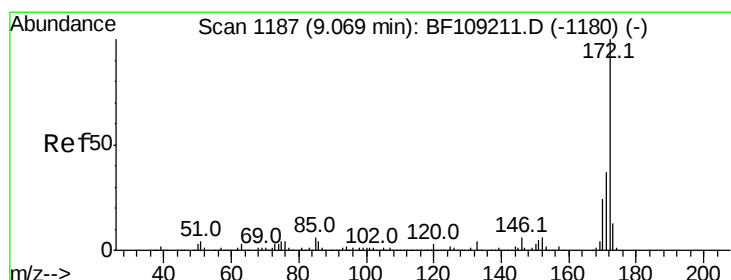
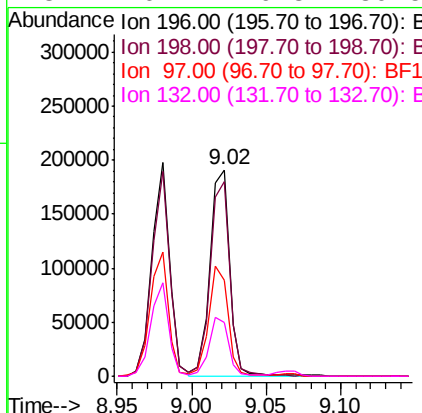
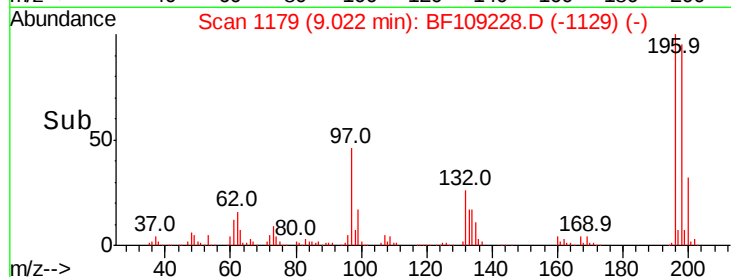
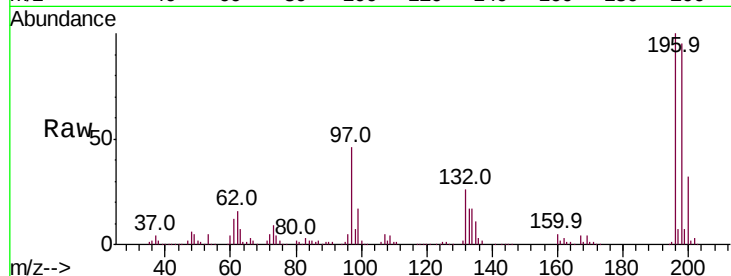
#43
 2,4,5-Trichlorophenol
 Concen: 32.860 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion:	196	Resp:	174810
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	46.3	42.9	64.3
132	26.2	26.3	39.5#

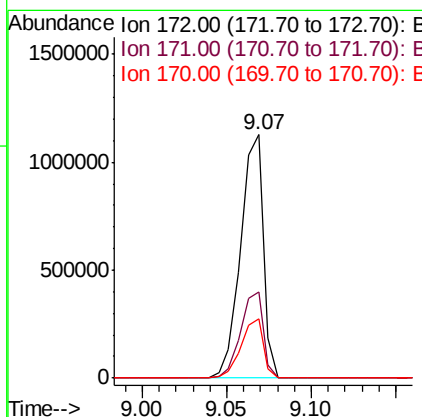
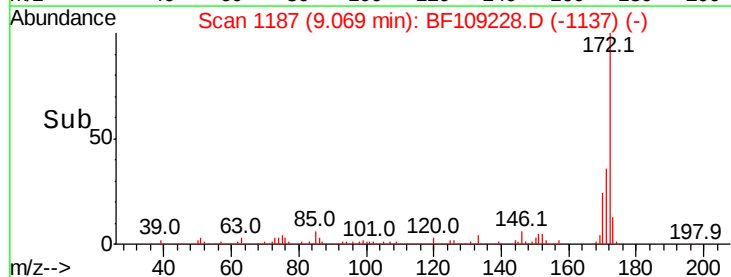
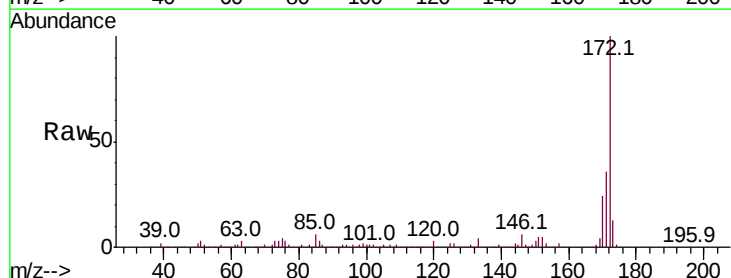
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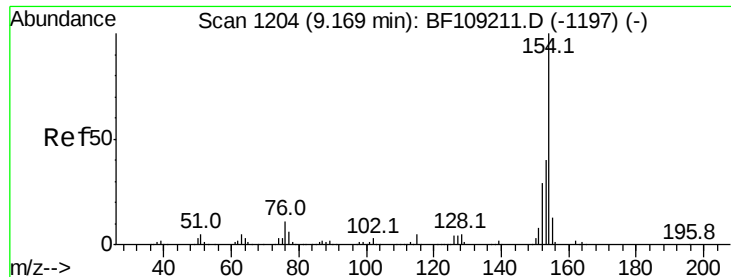
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#44
 2-Fluorobiphenyl
 Concen: 64.926 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:	172	Resp:	1061623
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.7	44.5
170	24.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 31.506 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

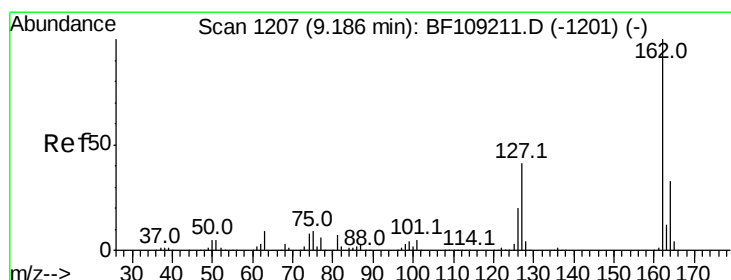
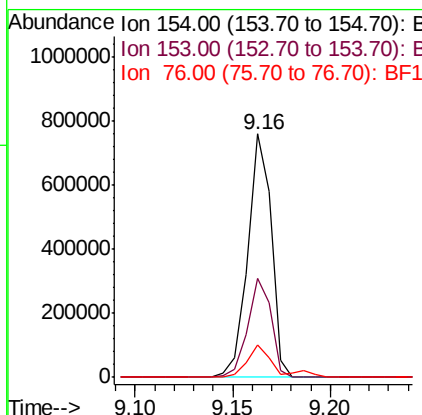
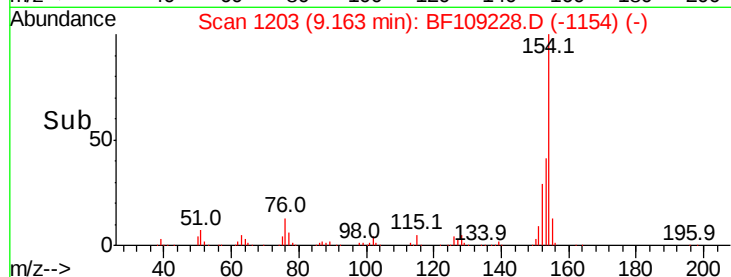
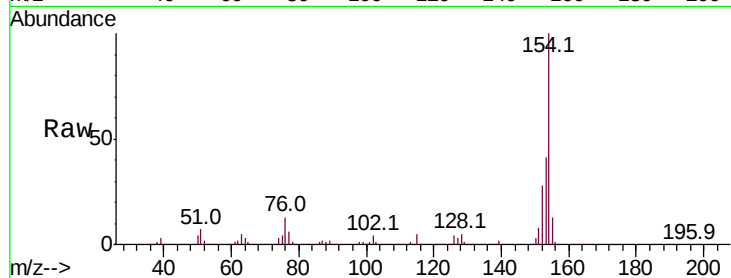
ClientSampleId :

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Tot Ion:	154	Resp:	633029
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	13.3	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 29.642 ng

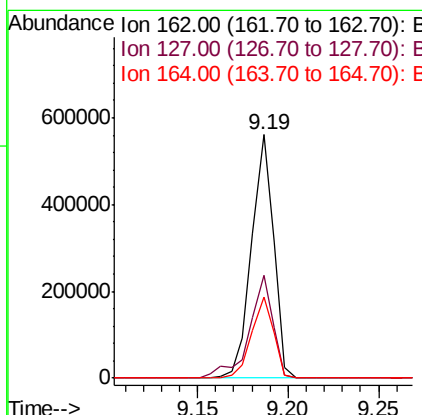
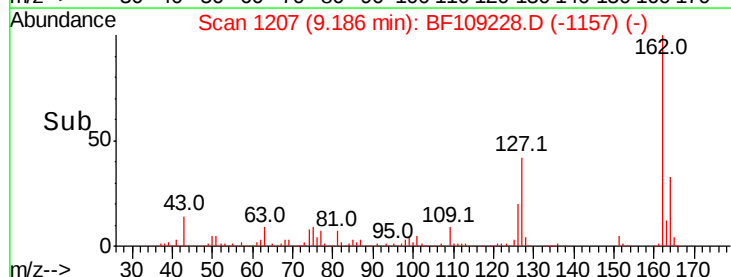
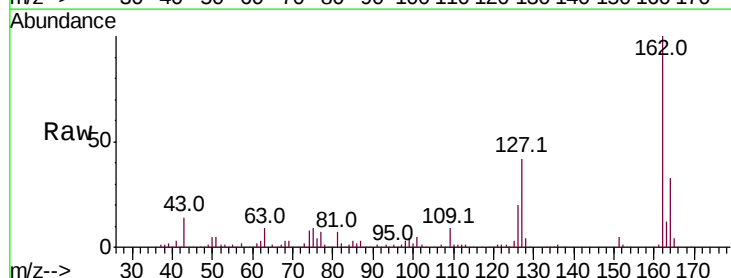
RT: 9.19 min Scan# 1207

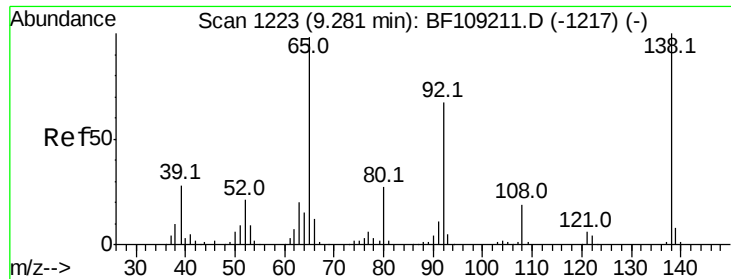
Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:	162	Resp:	475795
Ion Ratio	Lower	Upper	
162	100		
127	42.1	33.9	50.9
164	33.1	26.5	39.7





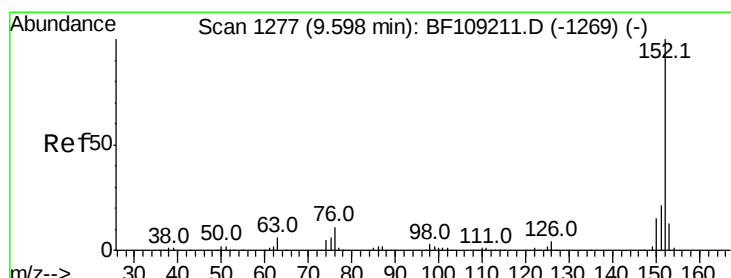
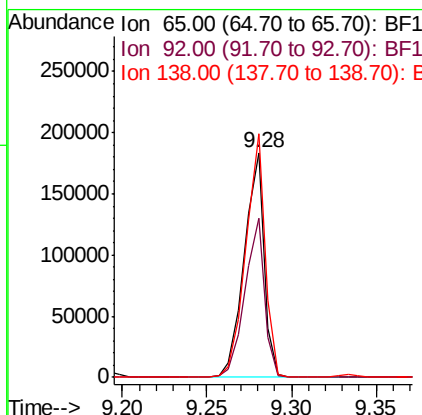
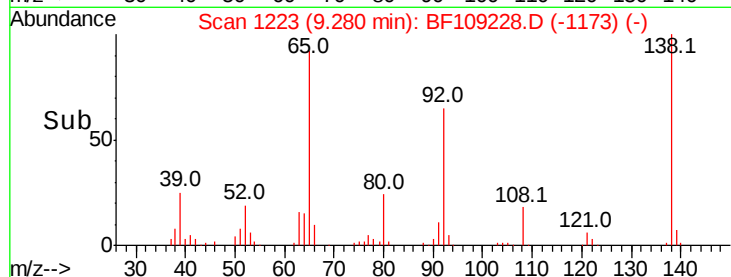
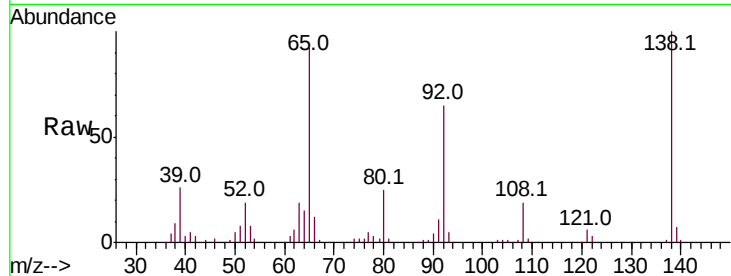
#47
 2-Nitroaniline
 Concen: 33.385 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion:	65	Resp:	151934
Ion Ratio	Lower	Upper	
65	100		
92	70.5	55.8	83.6
138	108.2	91.2	136.8

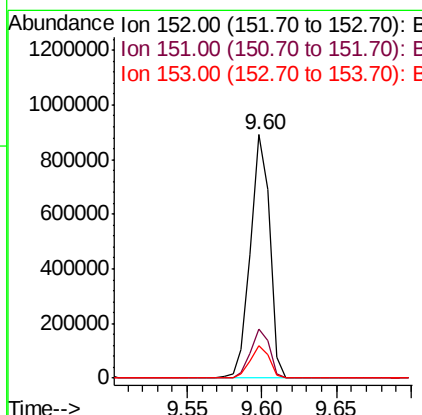
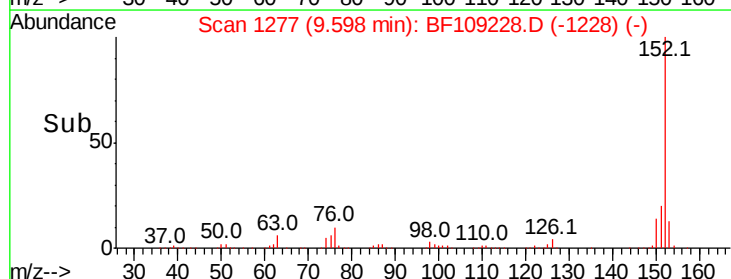
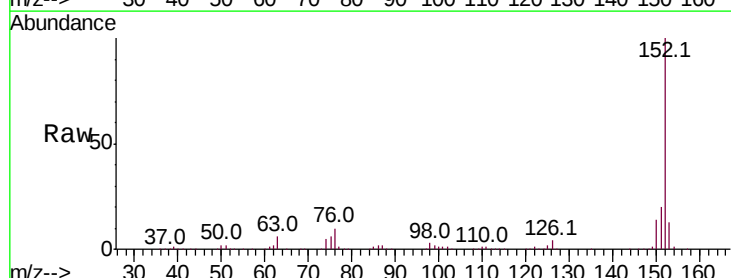
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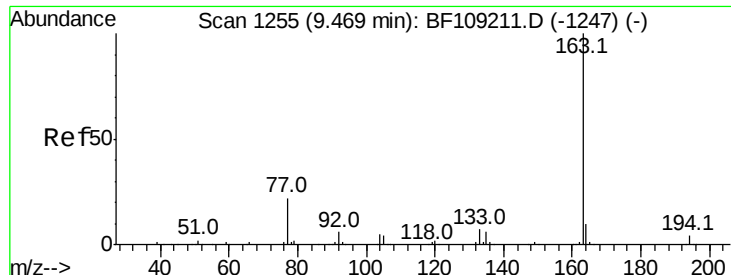
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#48
 Acenaphthylene
 Concen: 32.648 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion:	152	Resp:	790580
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.4	10.7	16.1





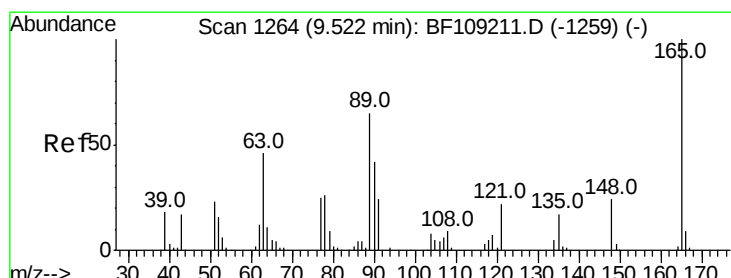
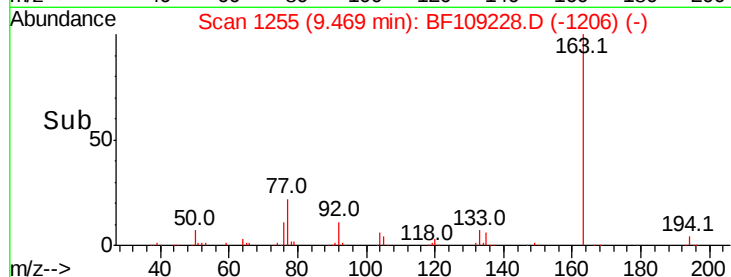
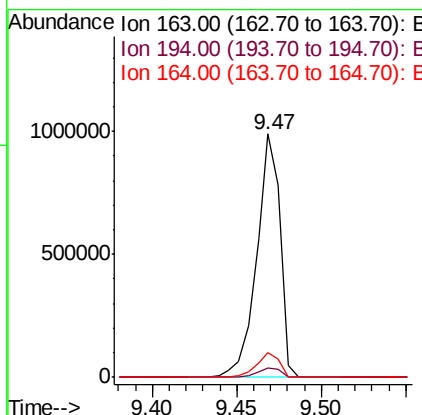
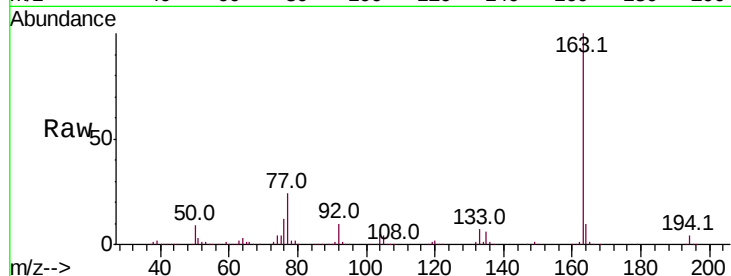
#49
Dimethylphthalate
Concen: 52.932 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.4	8.2	12.2	

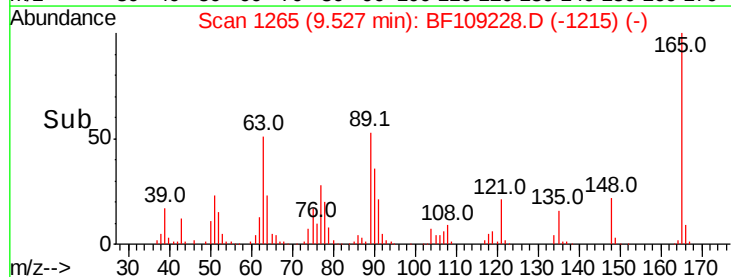
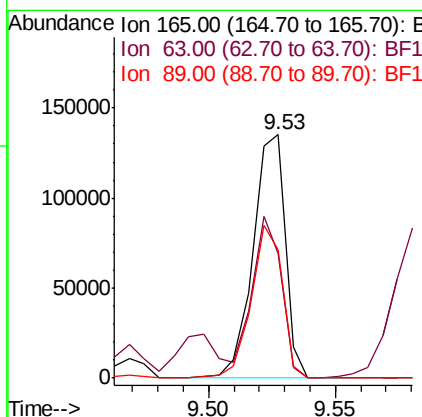
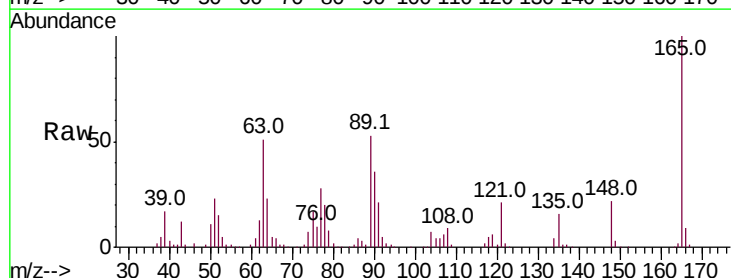
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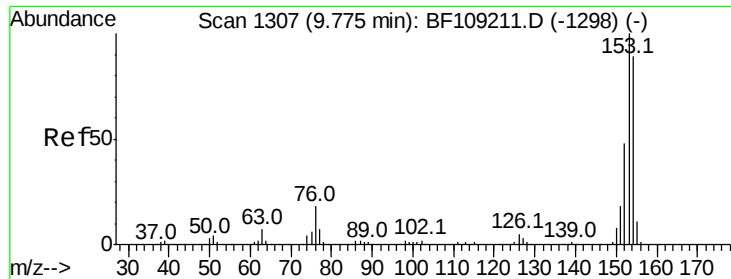
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#50
2,6-Dinitrotoluene
Concen: 33.953 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	44.7	67.1	
89	52.6	44.0	66.0	





#51

Acenaphthene

Concen: 33.357 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

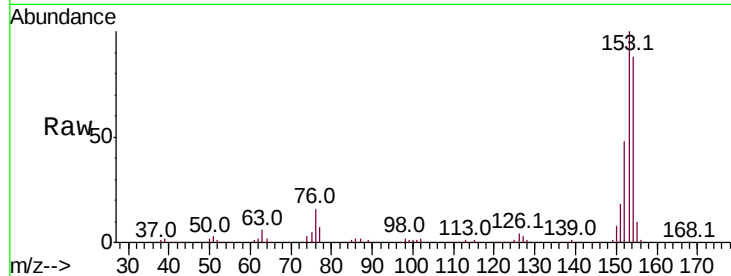
ClientSampleId :

FK-GF-02-026-BMSD

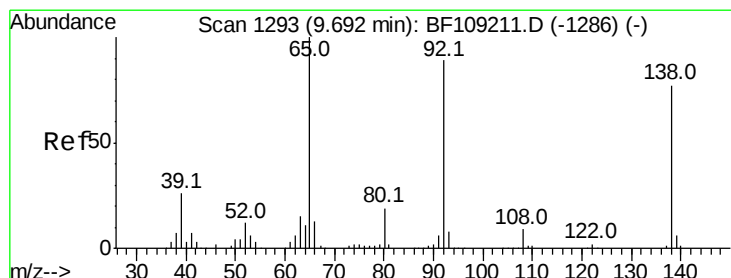
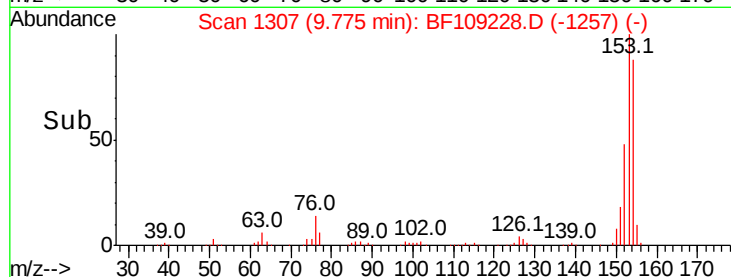
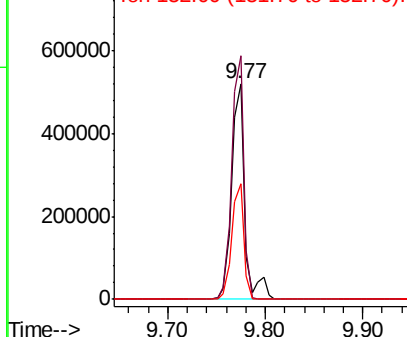
Tot Ion:	154	Resp:	488353
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	53.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 18.590 ng

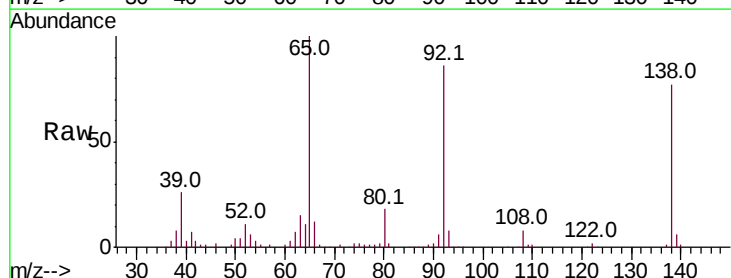
RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

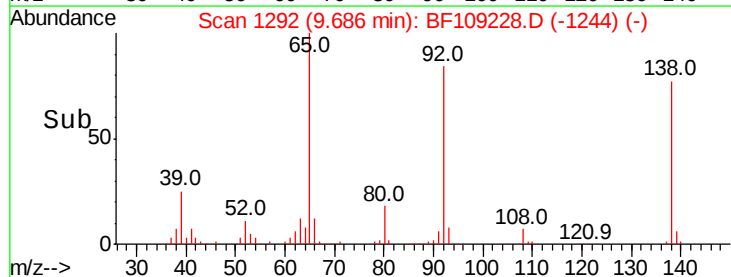
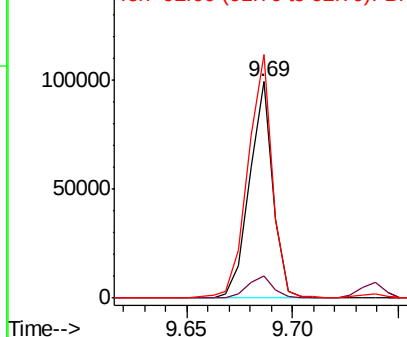
Lab File: BF109228.D

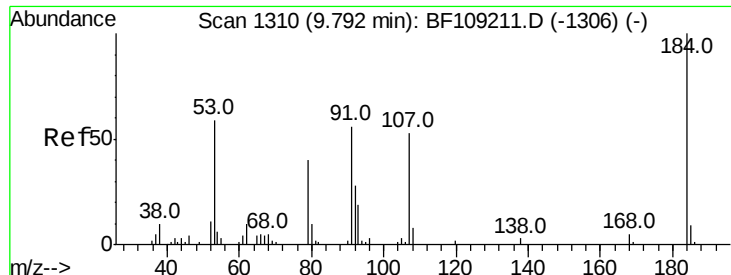
Acq: 22 Sep 2018 18:21

Tgt Ion:	138	Resp:	76476
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	112.6	89.4	134.2



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





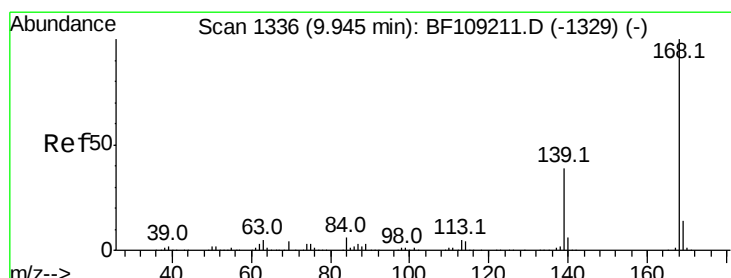
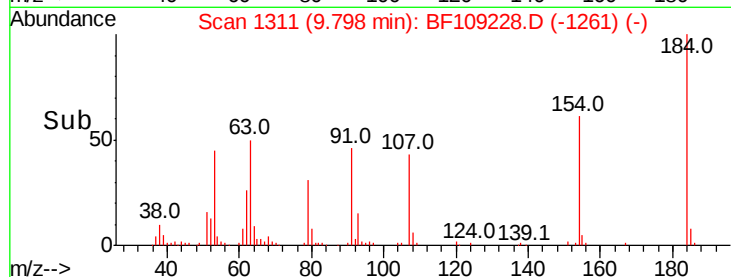
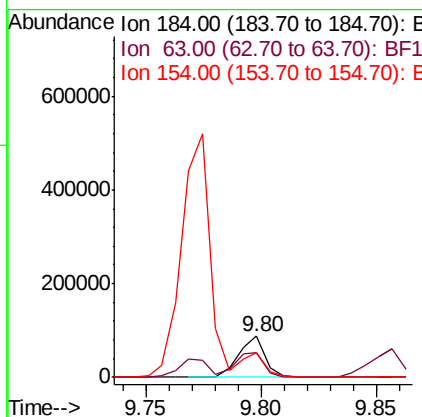
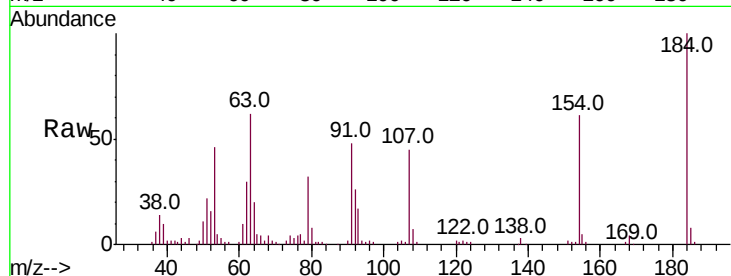
#53
 2,4-Dinitrophenol
 Concen: 57.996 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.0	54.2	81.2
154	61.1	184.0	276.0#

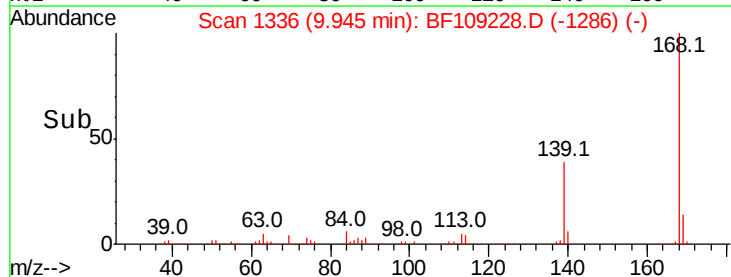
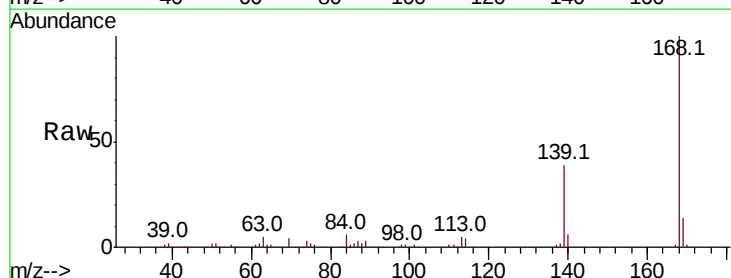
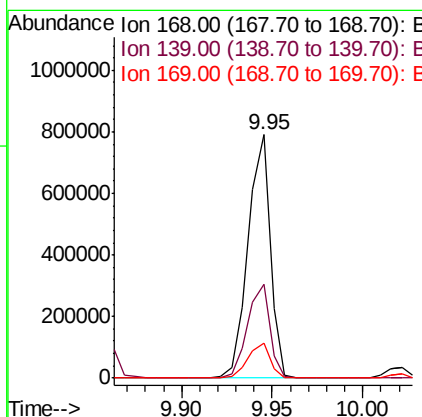
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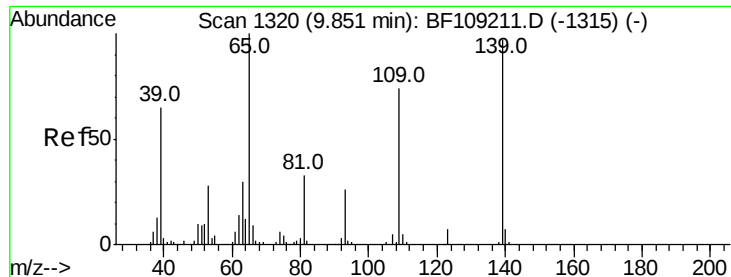
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#54
 Dibenzofuran
 Concen: 30.962 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.1	10.9	16.3





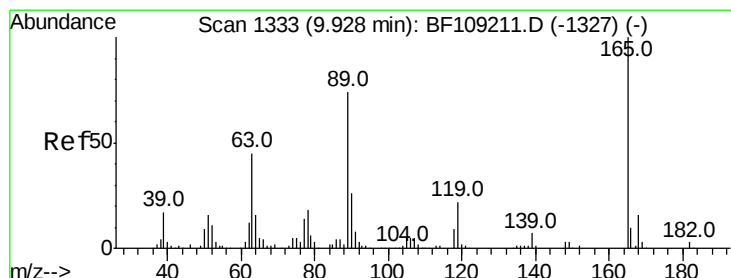
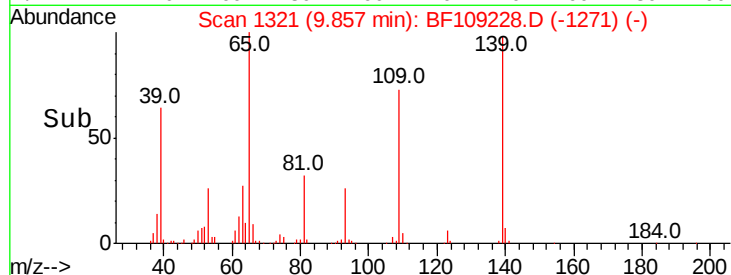
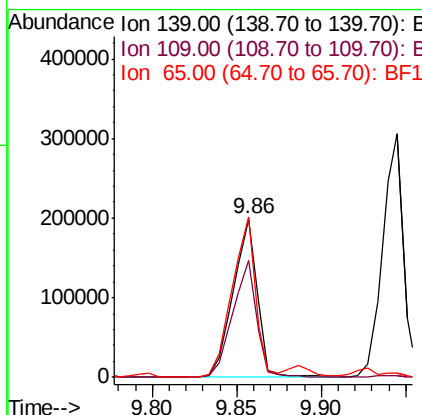
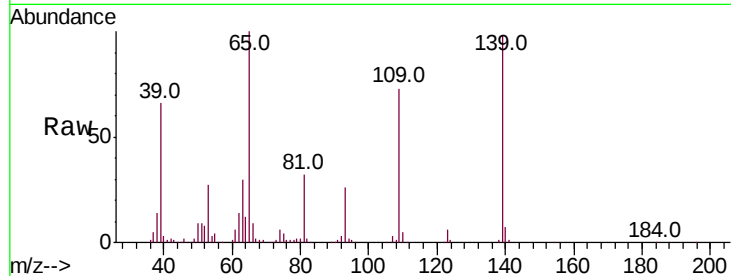
#55
4-Nitrophenol
Concen: 63.373 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	73.9	48.4	88.4
65	101.8	72.6	112.6

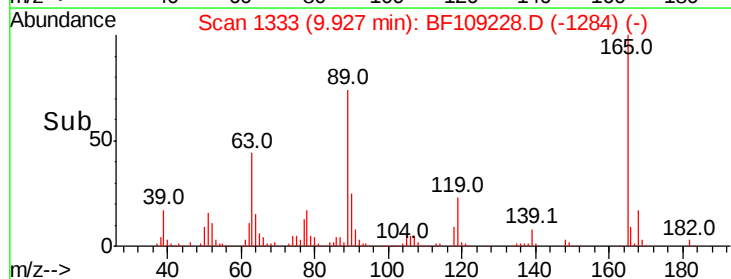
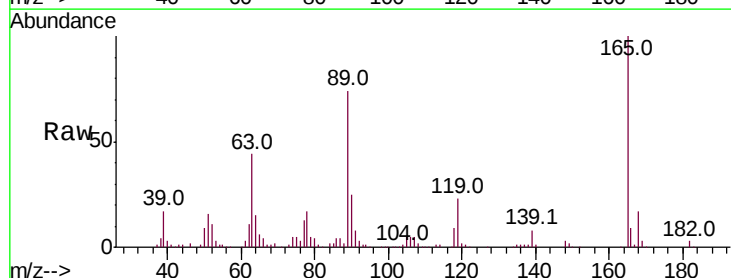
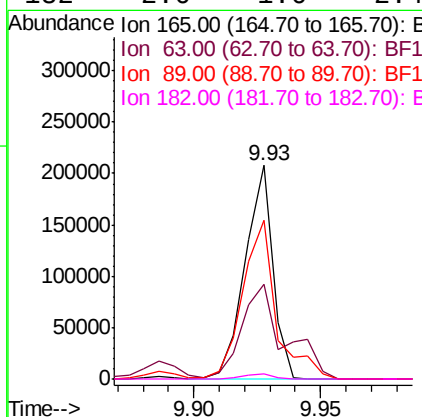
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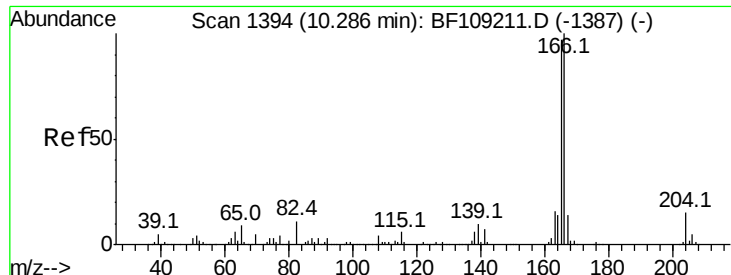
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#56
2,4-Dinitrotoluene
Concen: 35.388 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.2	36.4	54.6
89	74.4	57.8	86.6
182	2.6	1.6	2.4#





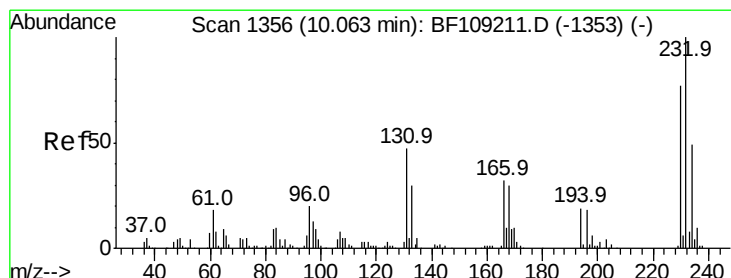
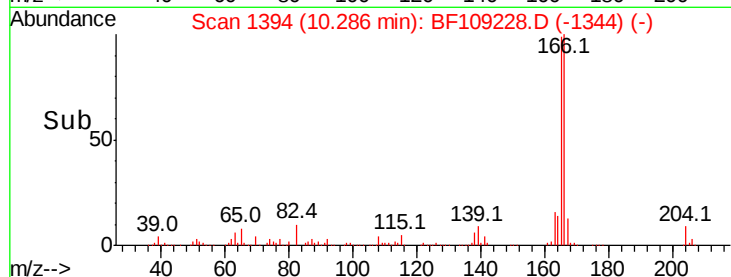
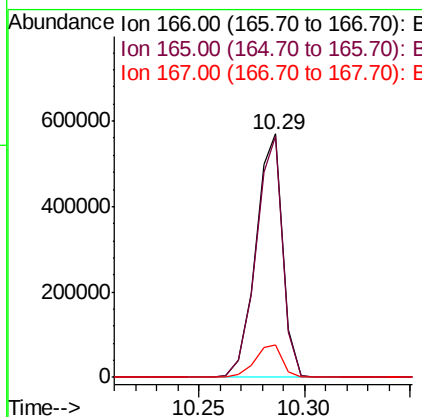
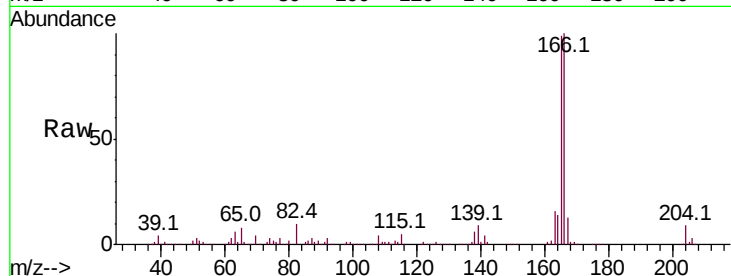
#57
Fluorene
 Concen: 32.453 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.8	119.8	
167	13.2	10.6	16.0	

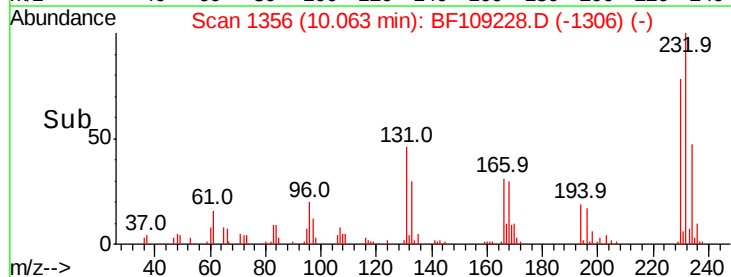
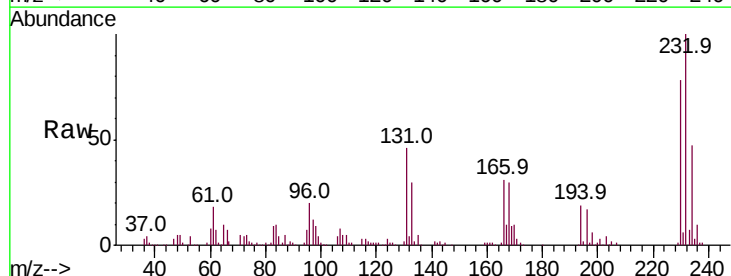
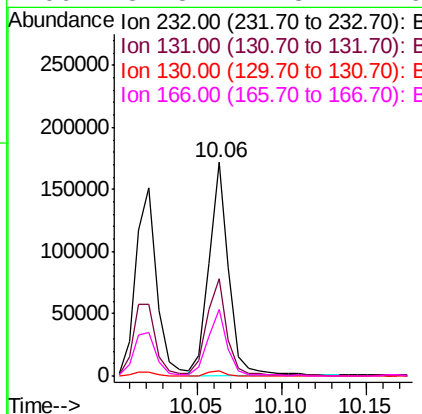
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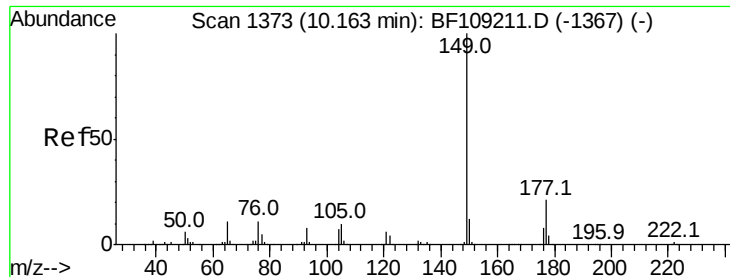
Sohil
 9/24/2018 11:38:49 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.087 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.7	43.8	65.8	
130	2.3	2.1	3.1	
166	31.8	27.8	41.6	





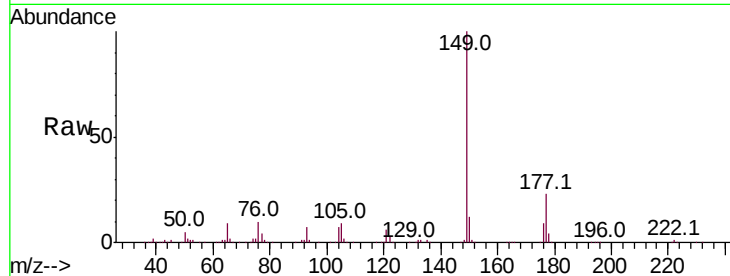
#59
Diethylphthalate
Concen: 31.390 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	570158		
177	22.7	16.1	24.1	
150	12.1	10.1	15.1	

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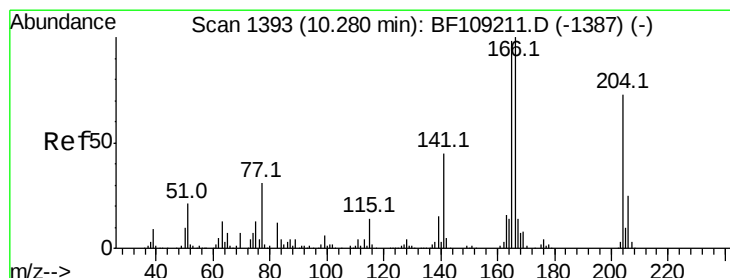
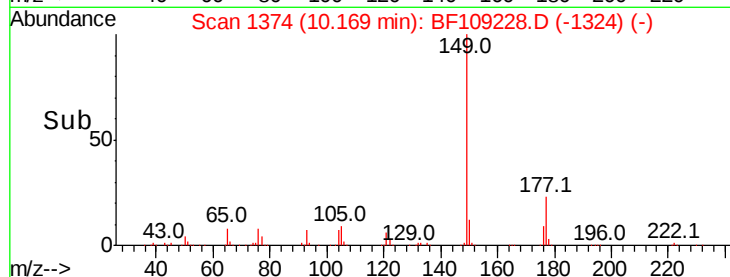
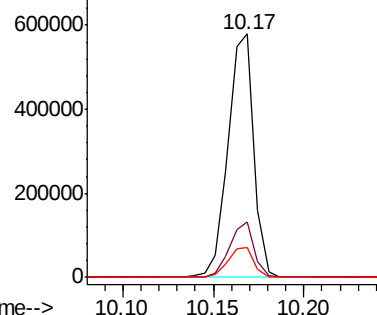


Abundance

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: 28.627 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

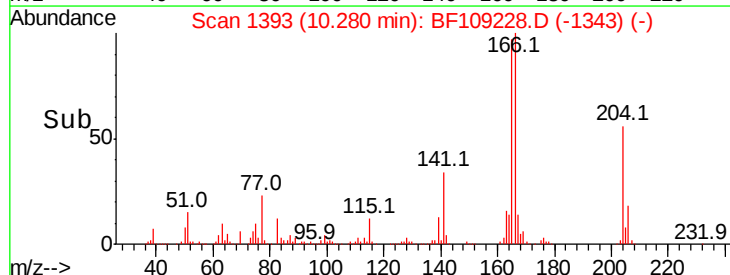
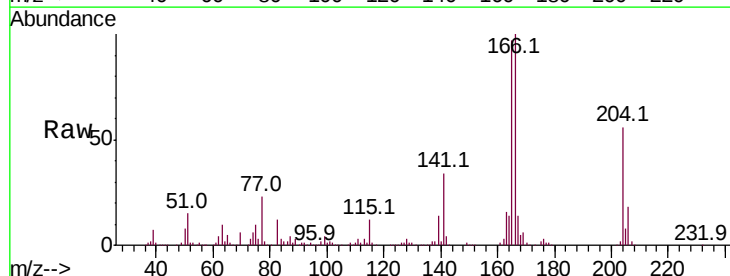
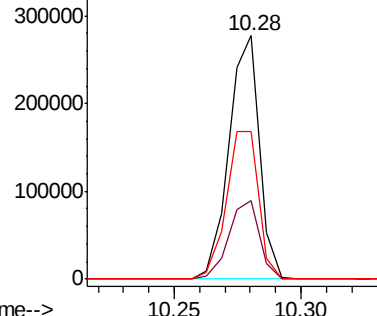
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	232278		
206	32.5	26.5	39.7	
141	60.8	54.6	81.8	

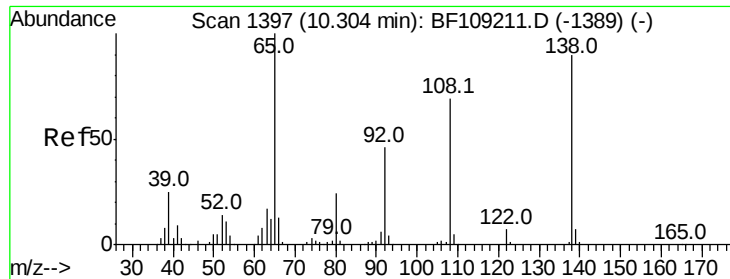
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





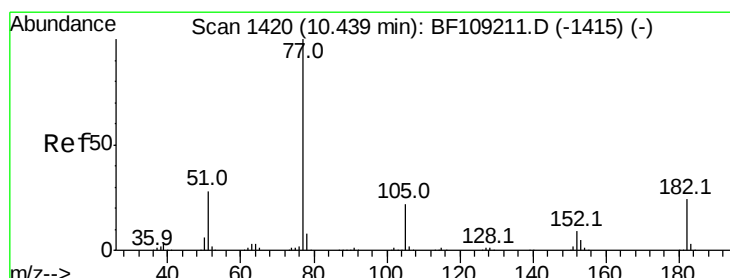
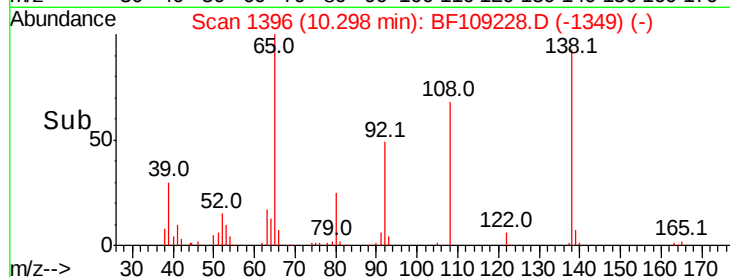
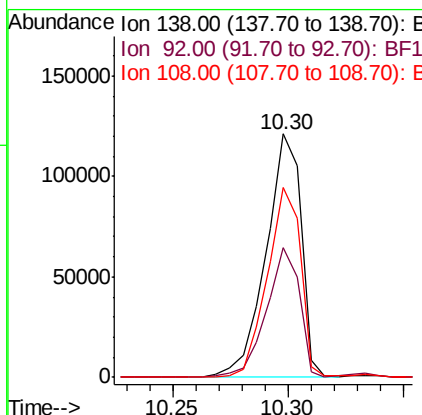
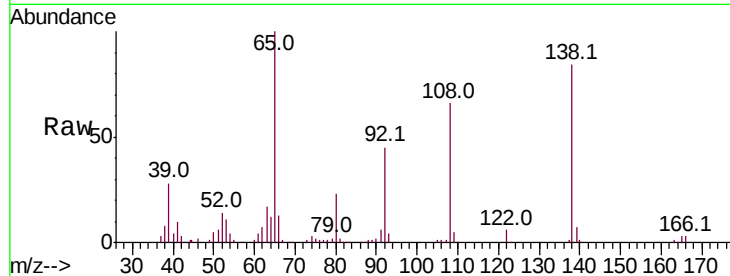
#61
4-Nitroaniline
Concen: 31.909 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.2	70.2
108	78.1	52.5	92.5

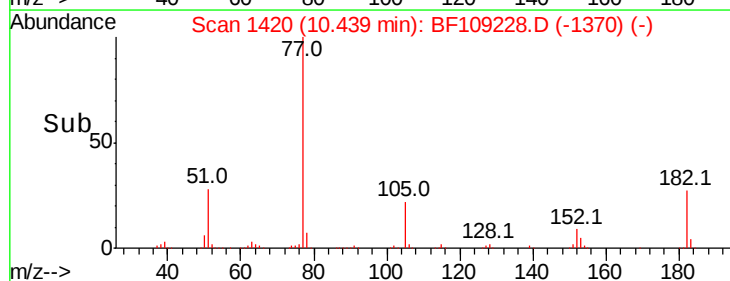
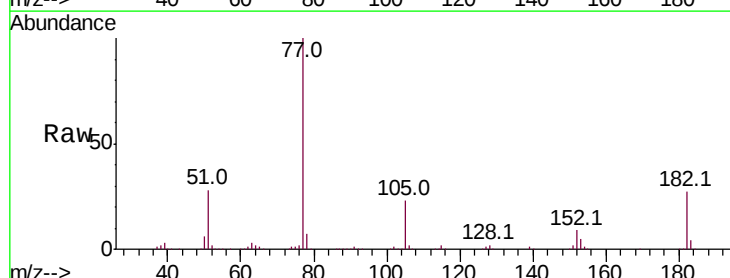
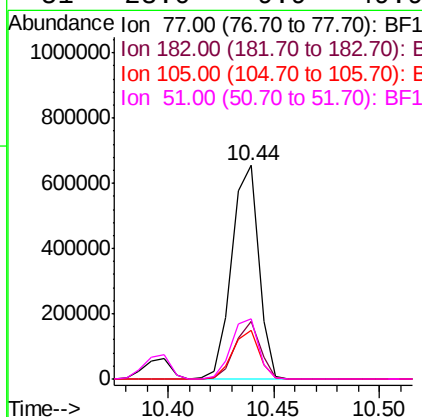
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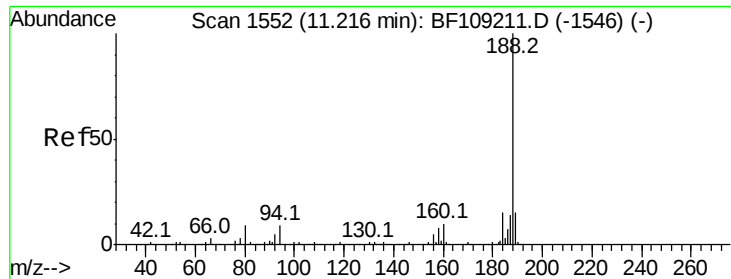
Sohil
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#62
Azobenzene
Concen: 30.573 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	1.7	41.7
105	22.6	3.0	43.0
51	28.0	9.9	49.9





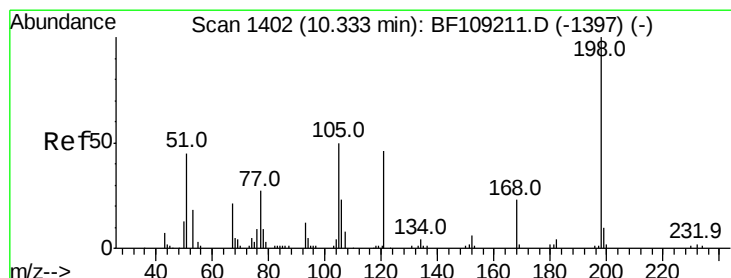
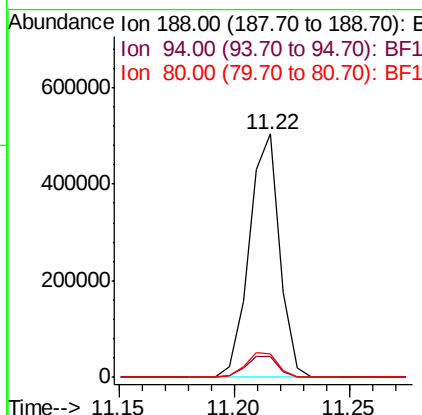
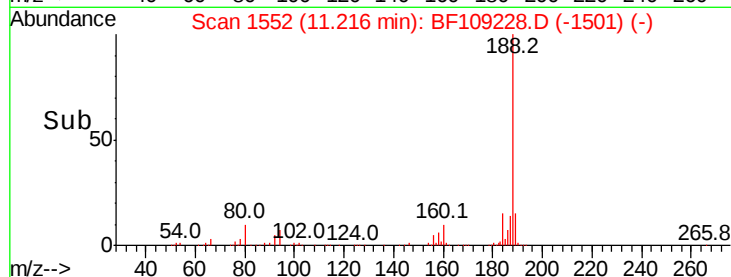
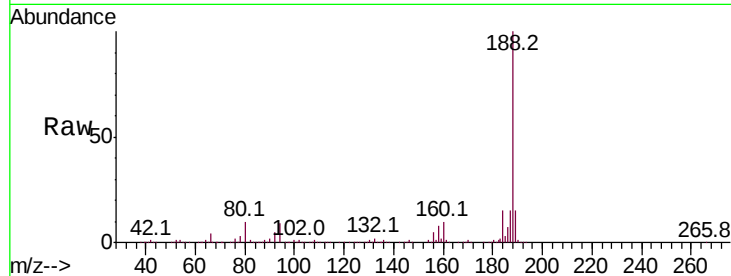
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	462735		
94	8.6		8.5	12.7
80	9.8		9.2	13.8

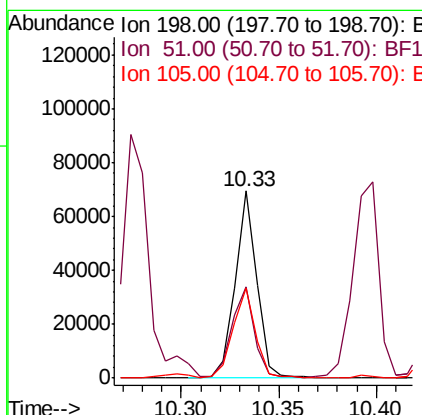
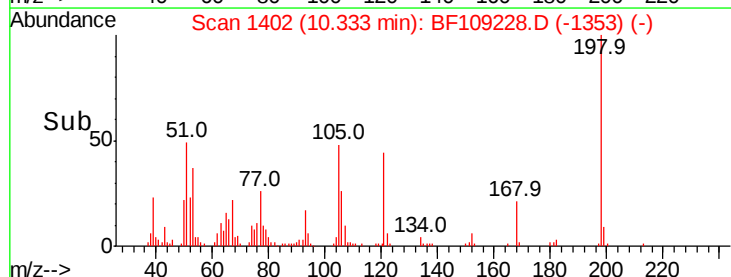
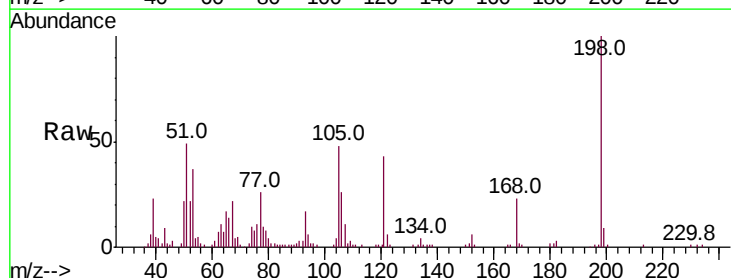
Manual Integrations
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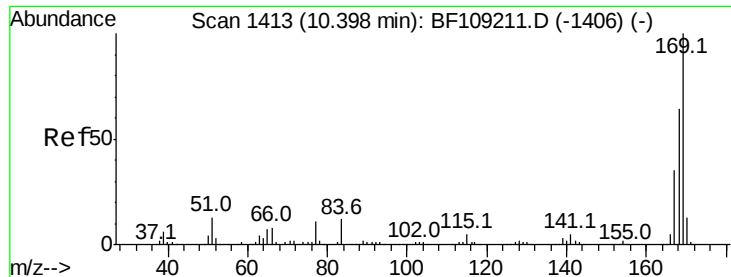
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.401 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	53324		
51	48.9		37.7	77.7
105	48.0		36.3	76.3





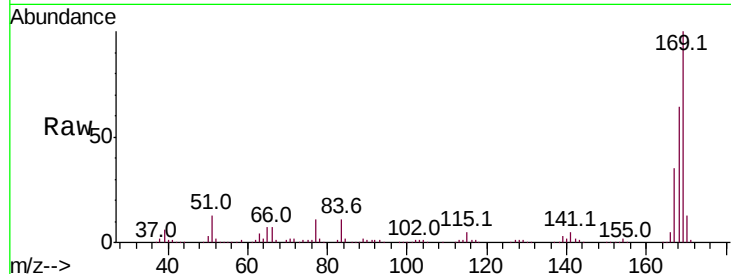
#65
n-Nitrosodiphenylamine
Concen: 31.828 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

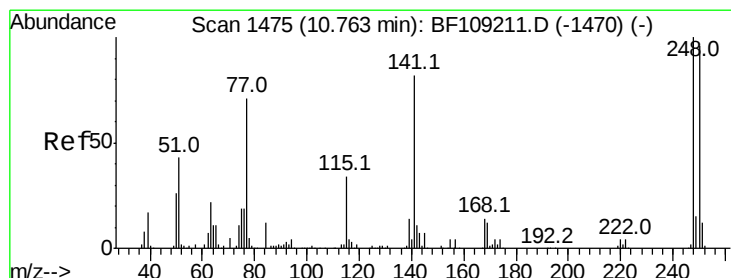
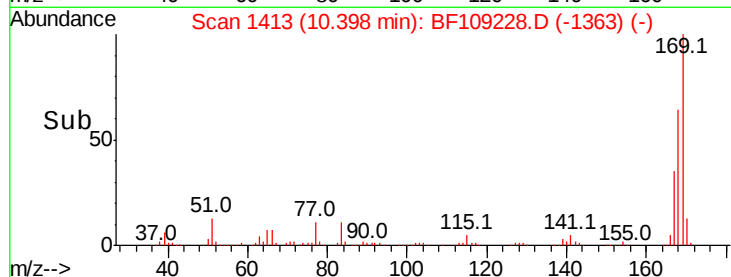
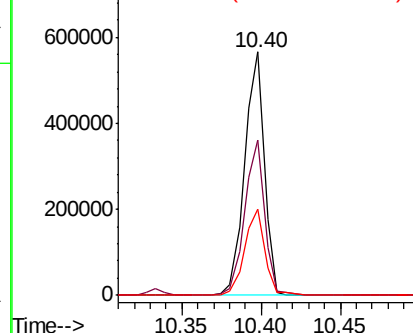
Tot Ion	Ratio	Resp	Lower	Upper
169	100	486602		
168	63.9		54.4	81.6
167	35.2		29.8	44.6

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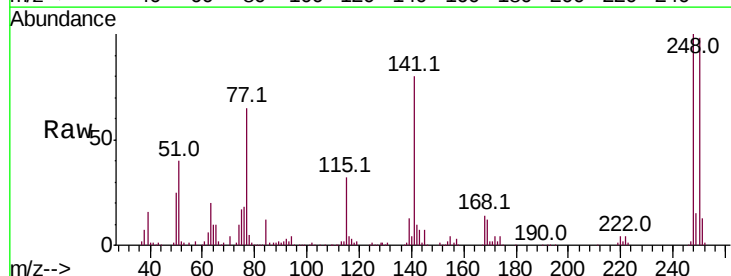


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

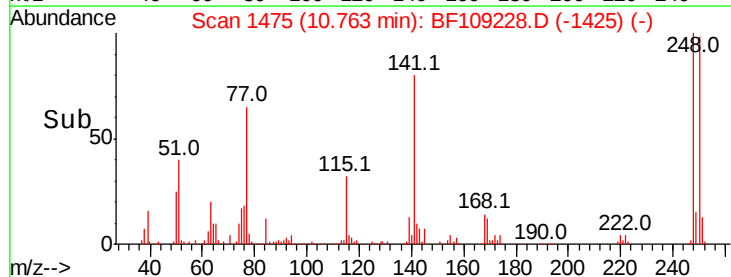
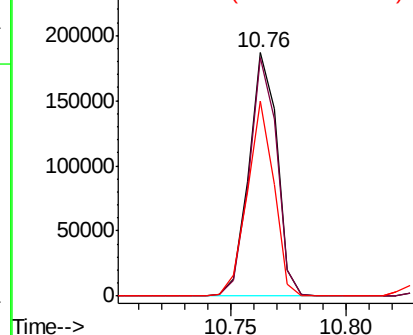


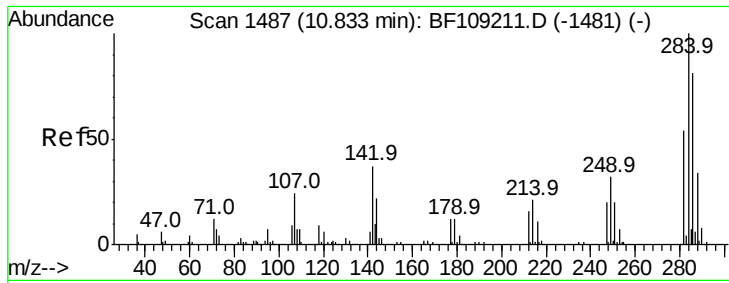
#66
4-Bromophenyl-phenylether
Concen: 31.206 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	160352		
250	98.0		76.9	115.3
141	79.9		74.4	111.6



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





#67

Hexachlorobenzene

Concen: 30.237 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

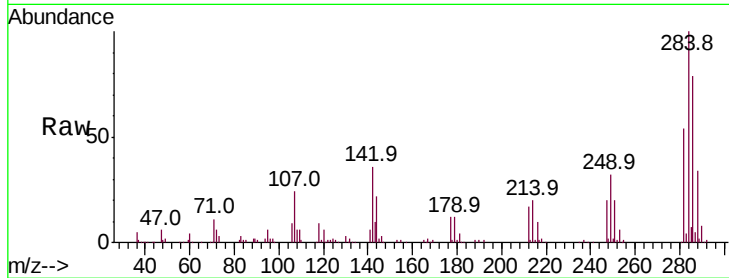
ClientSampleId :

FK-GF-02-026-BMSD

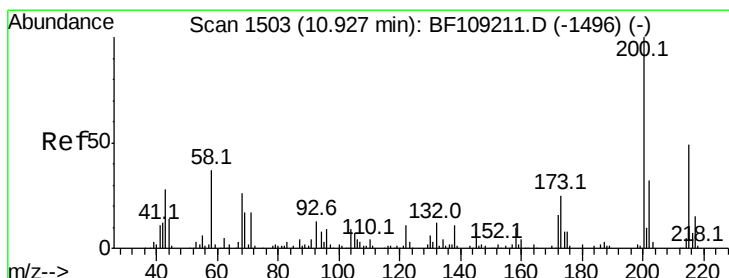
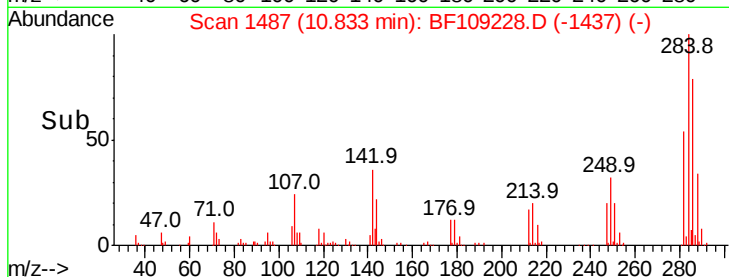
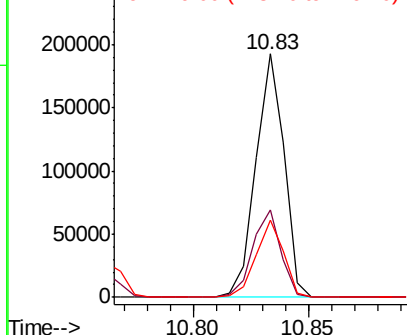
Tot Ion:	284	Resp:	165013
Ion Ratio	Lower	Upper	
284	100		
142	36.2	34.6	52.0
249	31.5	24.8	37.2

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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: 34.054 ng

RT: 10.93 min Scan# 1503

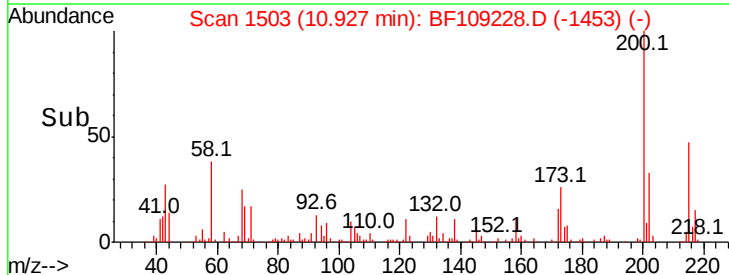
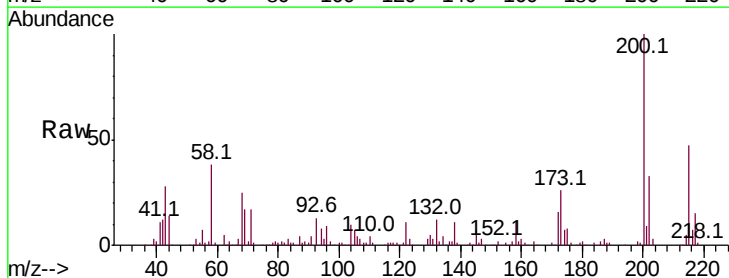
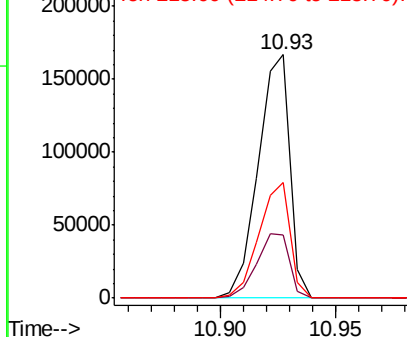
Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:	200	Resp:	160123
Ion Ratio	Lower	Upper	
200	100		
173	26.0	8.6	48.6
215	47.3	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





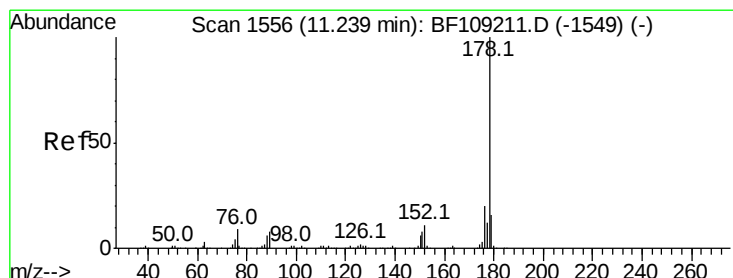
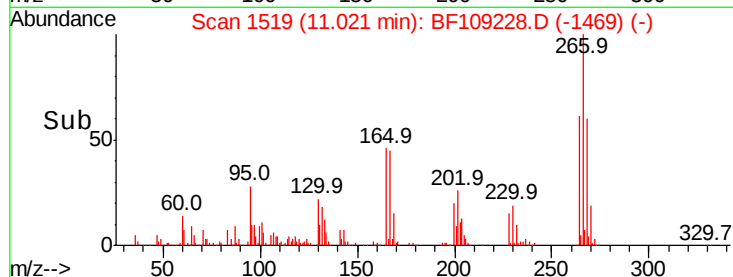
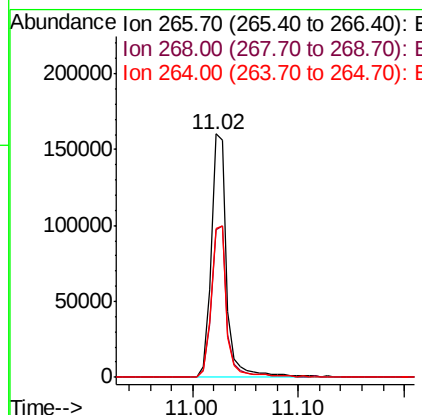
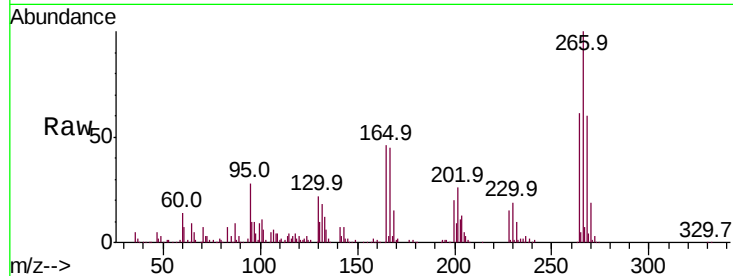
#69
 Pentachlorophenol
 Concen: 50.820 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	165995		
268	60.5		51.1	76.7
264	61.1		49.5	74.3

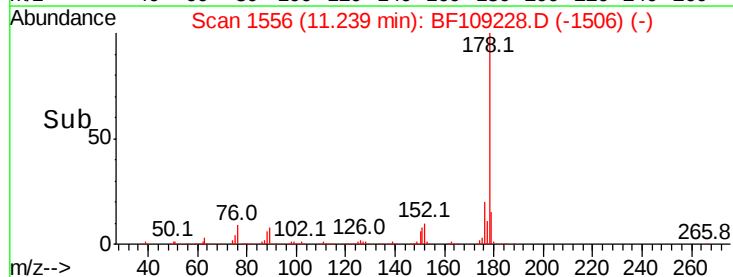
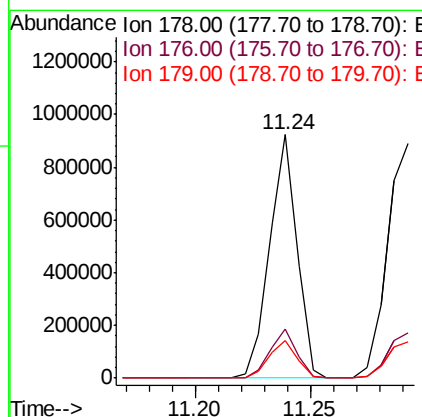
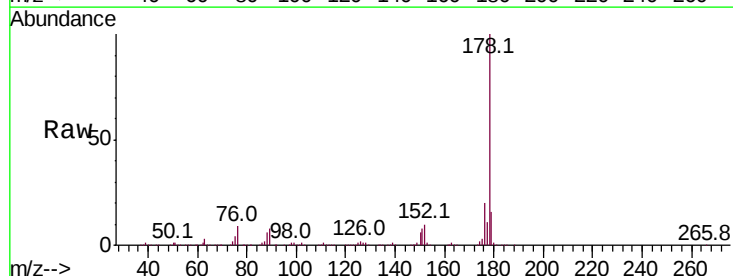
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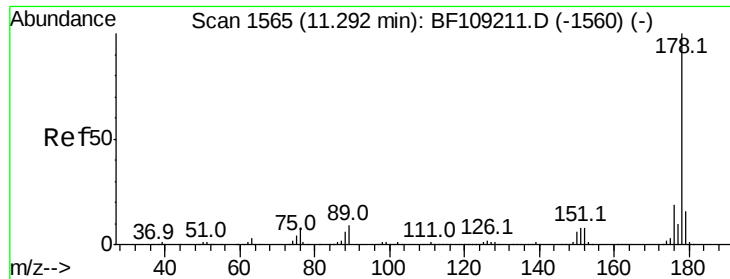
Sohil
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#70
 Phenanthrene
 Concen: 32.855 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	759101		
176	20.4		15.8	23.8
179	15.5		13.0	19.6





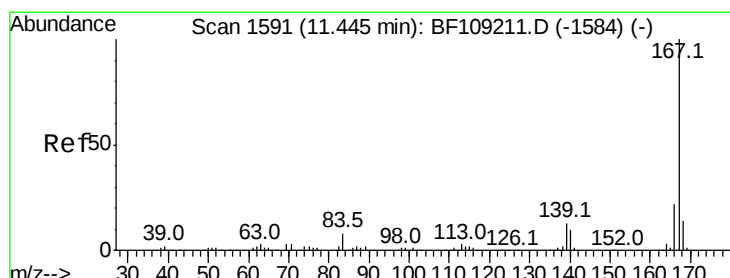
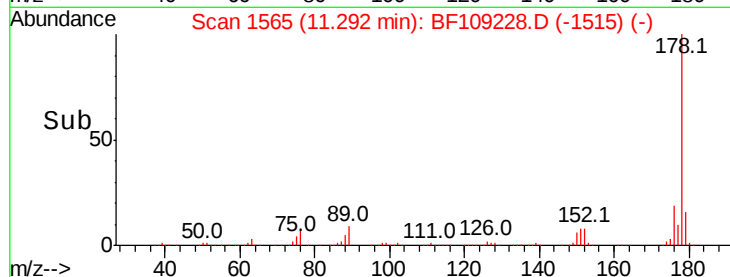
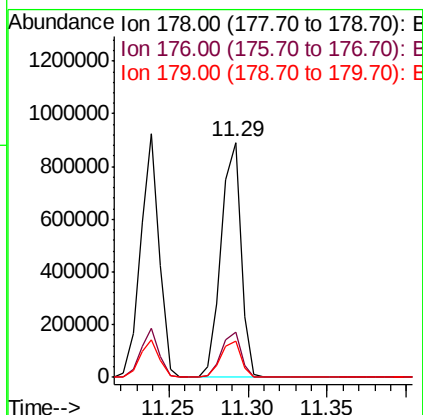
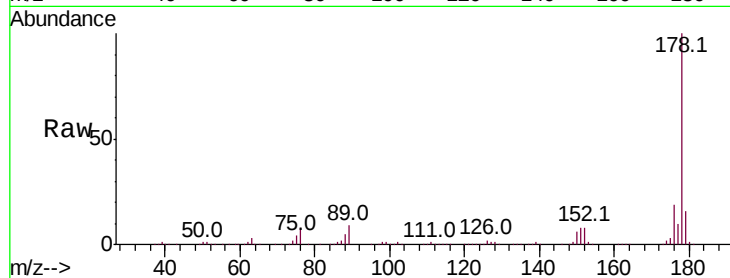
#71
 Anthracene
 Concen: 33.322 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0

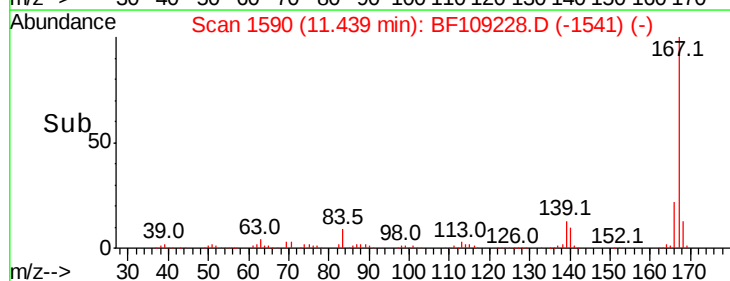
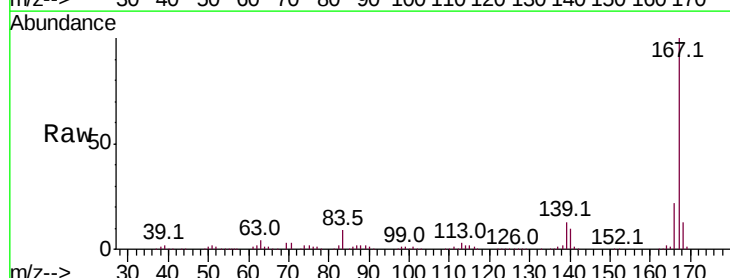
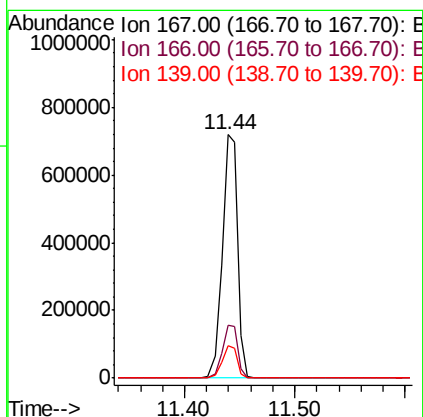
Manual Integrations
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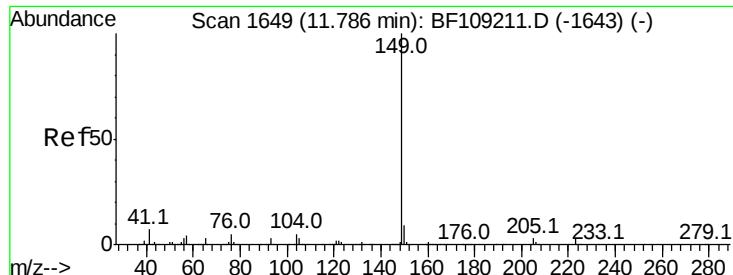
Sohil
 9/24/2018 11:38:49 AM



#72
 Carbazole
 Concen: 29.751 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.4	10.9	16.3





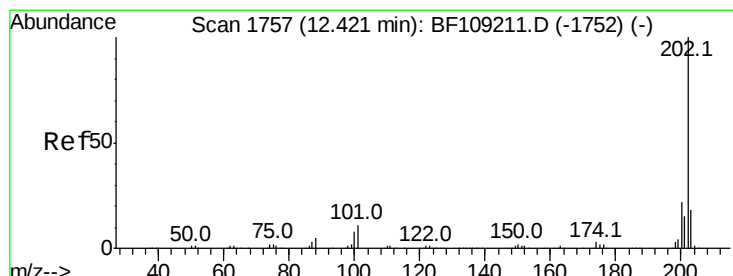
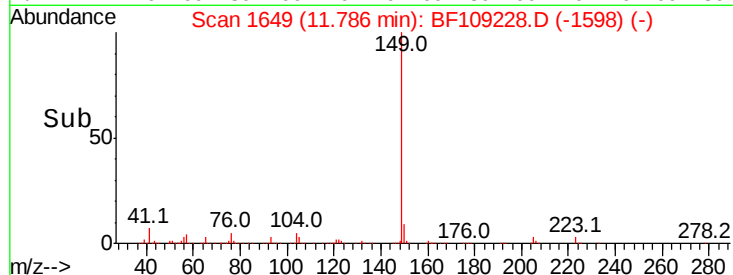
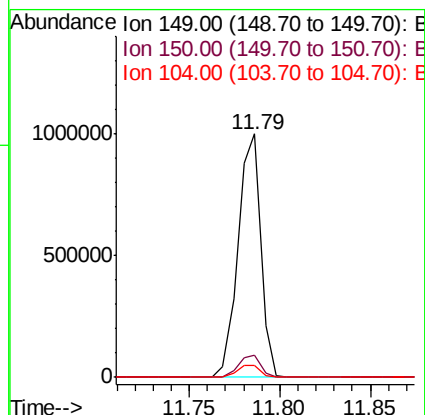
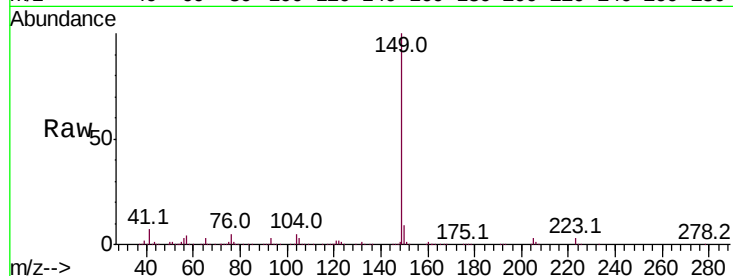
#73
Di-n-butylphthalate
Concen: 32.532 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	873186		
150	9.2		7.8	11.6
104	5.0		3.8	5.8

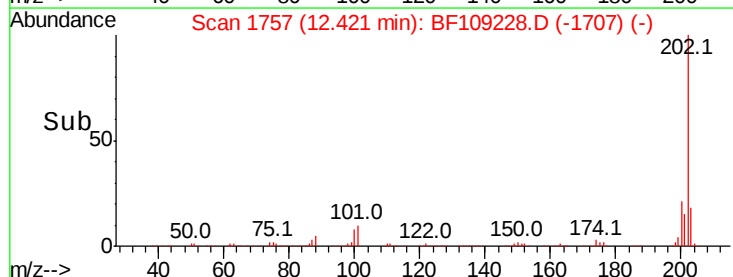
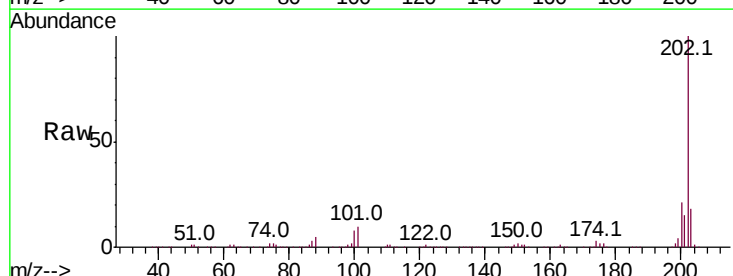
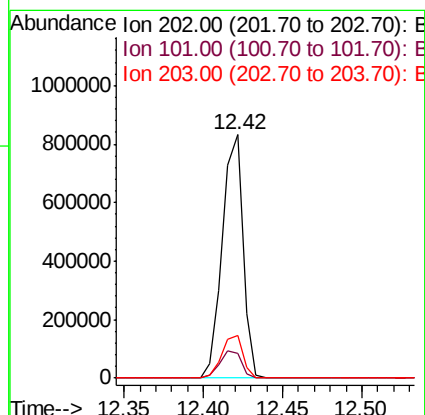
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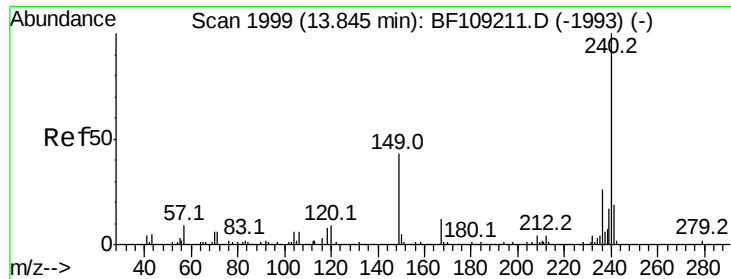
Sohil
9/24/2018 11:38:49 AM



#74
Fluoranthene
Concen: 30.759 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	759474		
101	10.2		0.0	34.1
203	17.7		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

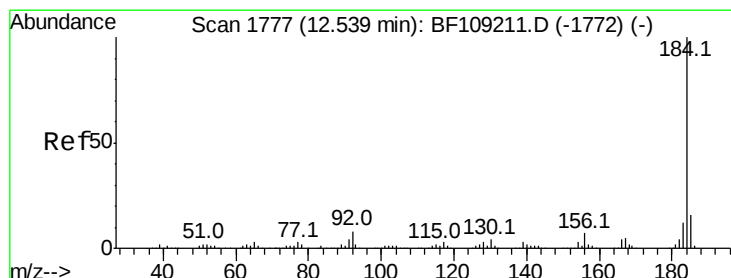
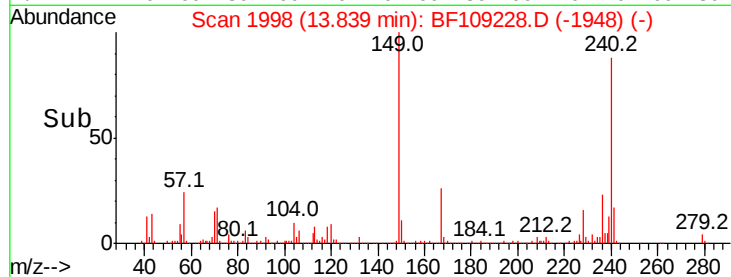
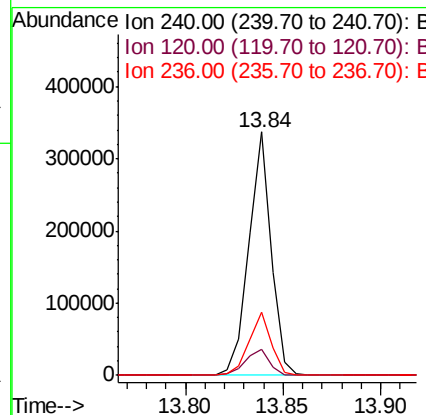
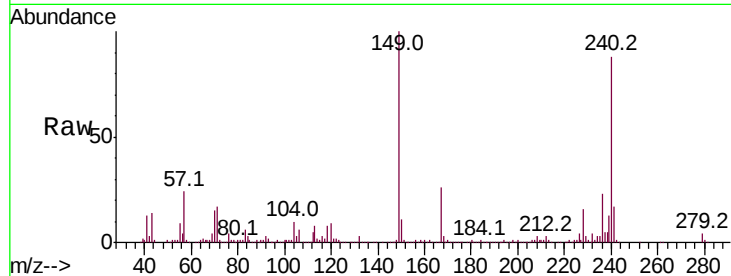
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	240	Resp:	267532
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 30.931 ng

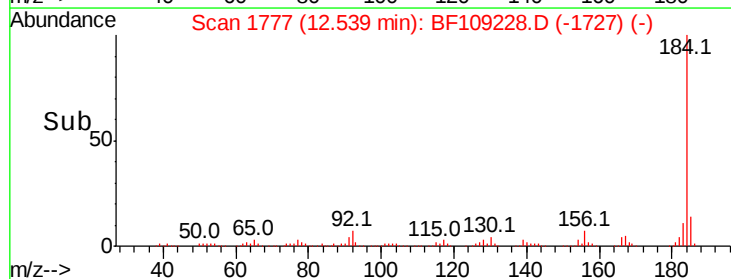
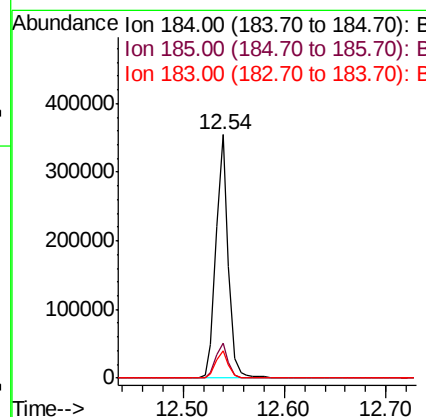
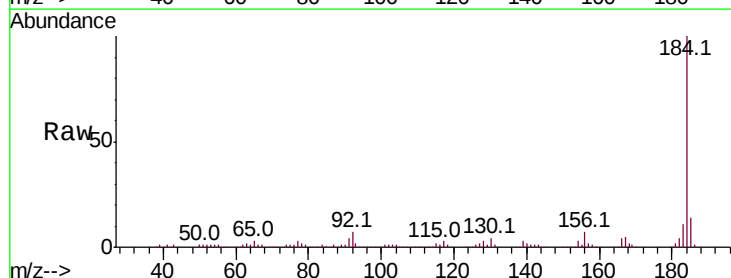
RT: 12.54 min Scan# 1777

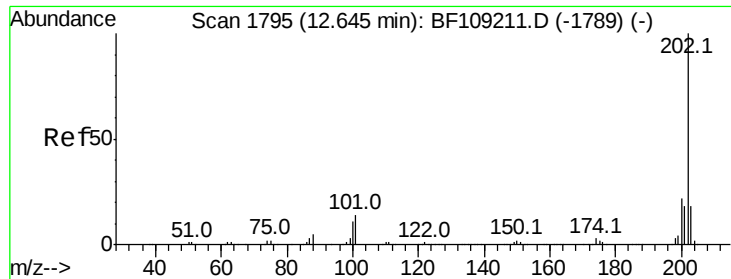
Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:	184	Resp:	298357
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.2	9.3	13.9





#77

Pvrene

Concen: 39.190 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

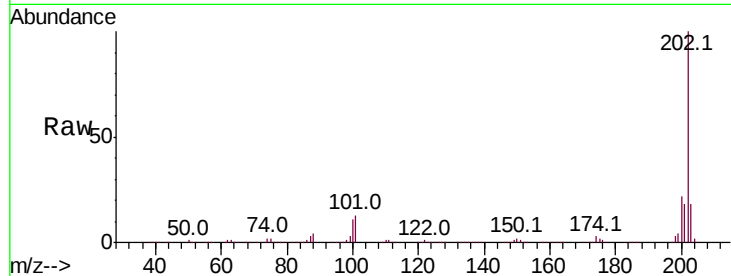
FK-GF-02-026-BMSD

Tot Ion:	202	Resp:	751415
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.9	14.3	21.5

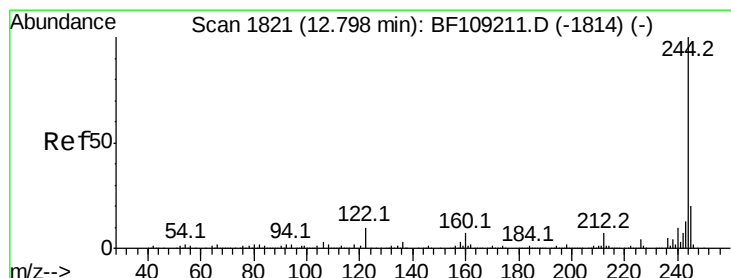
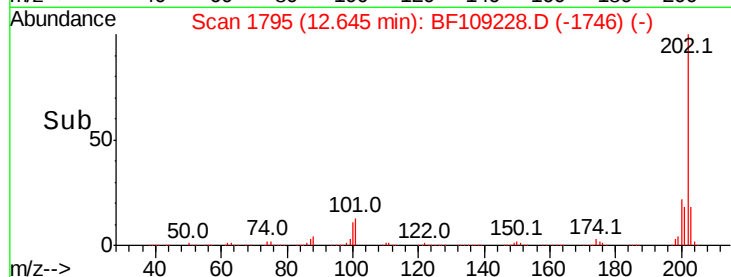
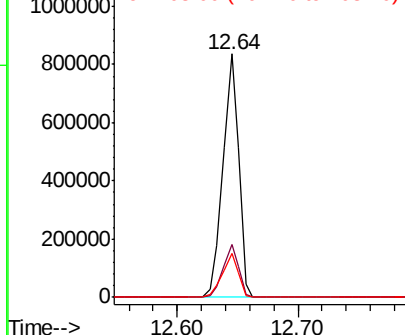
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.722 ng

RT: 12.80 min Scan# 1821

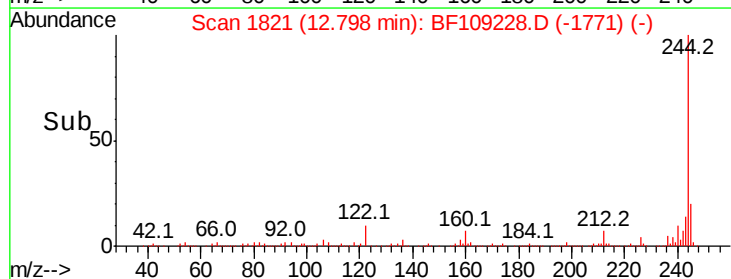
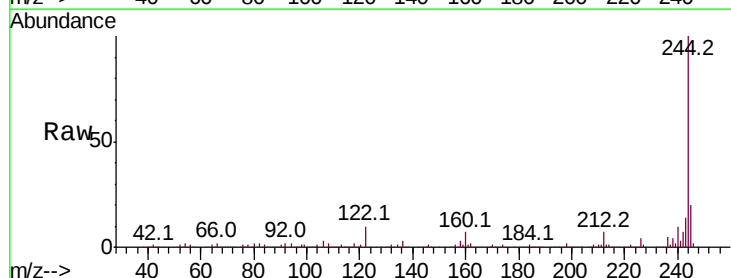
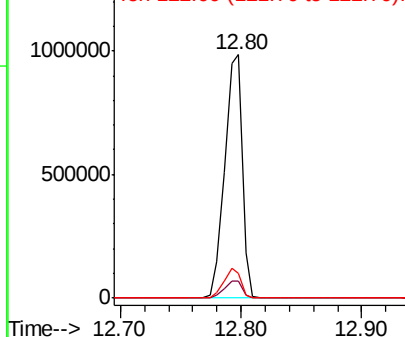
Delta R.T. -0.01 min

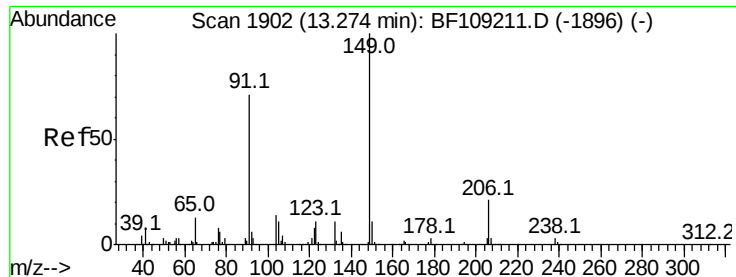
Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Tgt Ion:	244	Resp:	988974
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	10.3	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





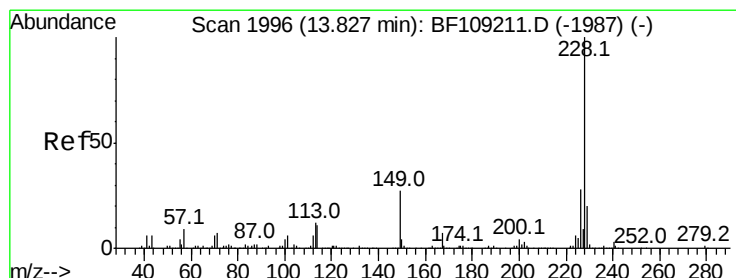
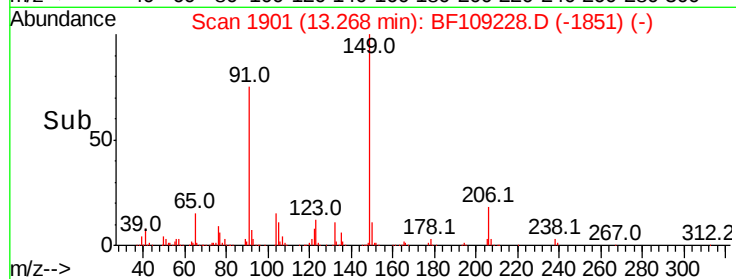
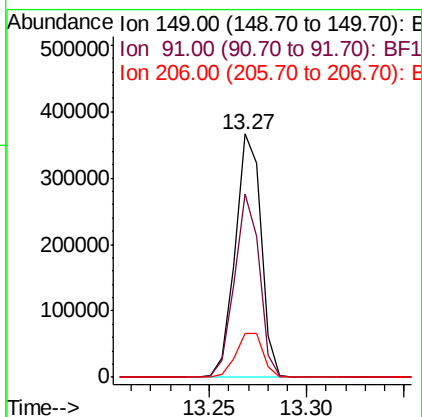
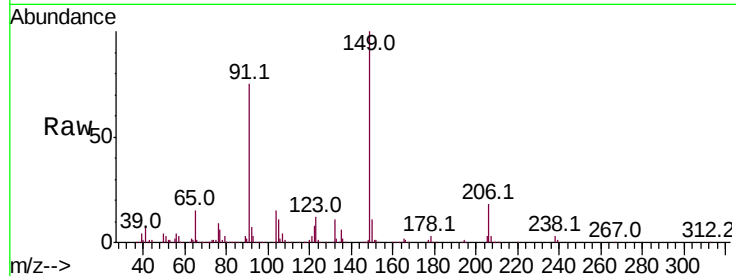
#79
Butylbenzylphthalate
Concen: 41.290 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	336809		
91	75.4	56.8	85.2	
206	18.0	14.1	21.1	

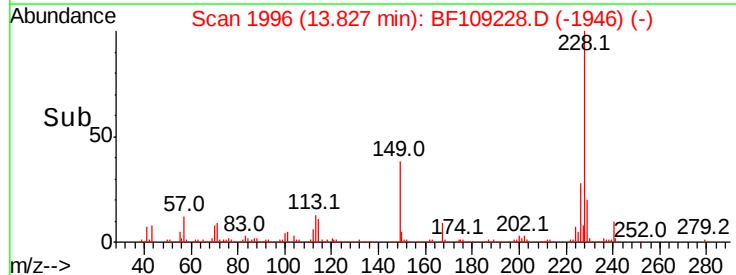
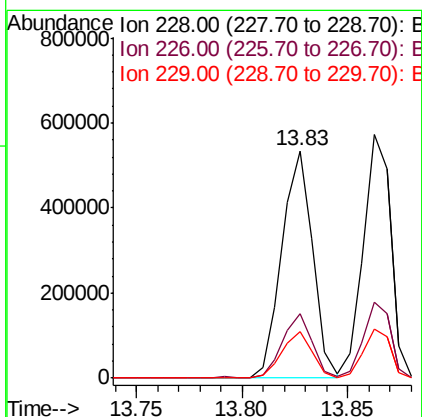
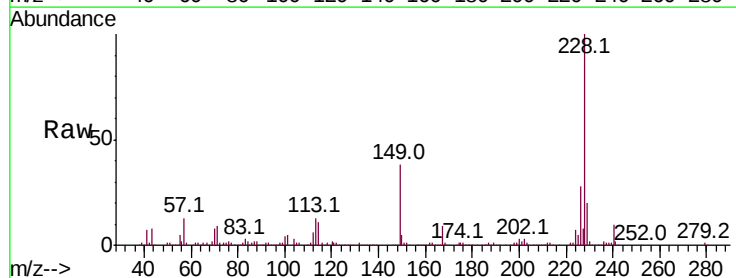
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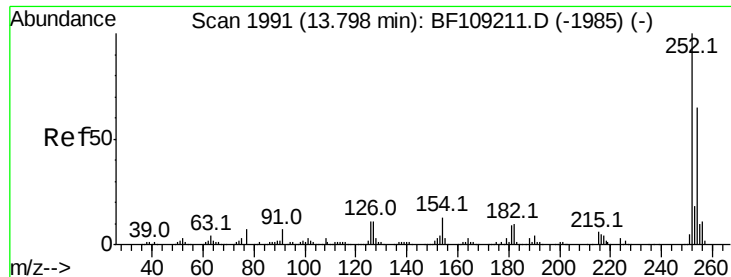
Sohil
9/24/2018 11:38:49 AM



#80
Benzo(a)anthracene
Concen: 33.729 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	543513		
226	28.5	22.6	33.8	
229	20.4	15.8	23.6	





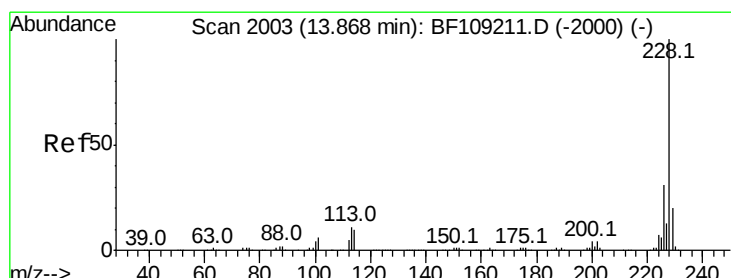
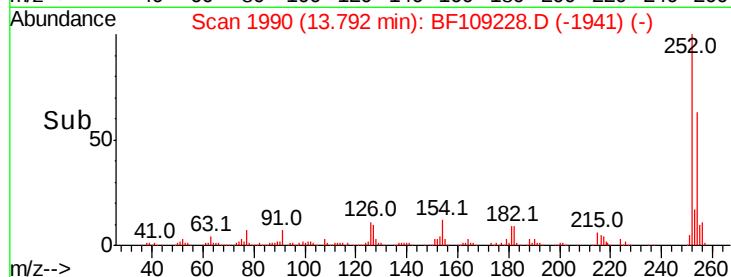
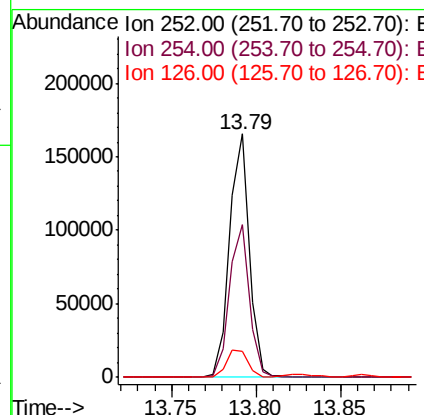
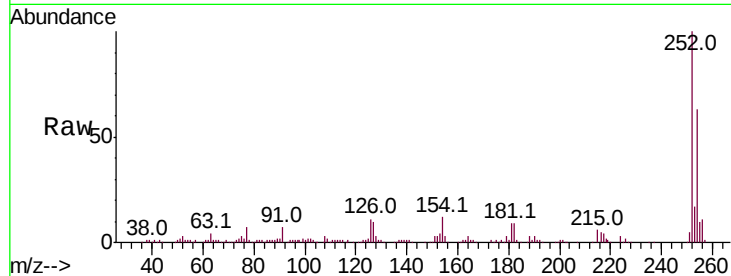
#81
 3,3'-Dichlorobenzidine
 Concen: 22.009 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	134786		
254	62.5	50.4	75.6	
126	10.8	11.3	16.9	

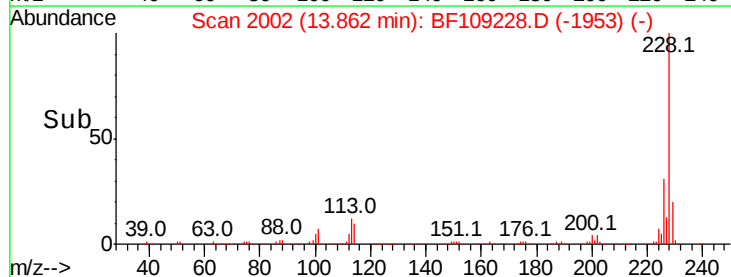
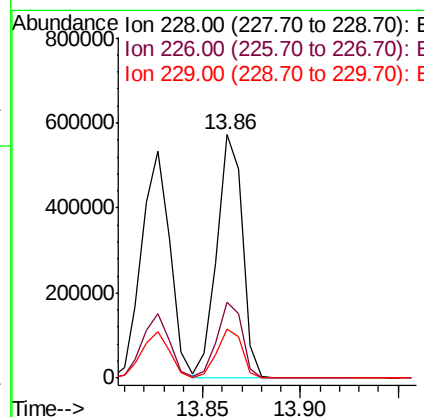
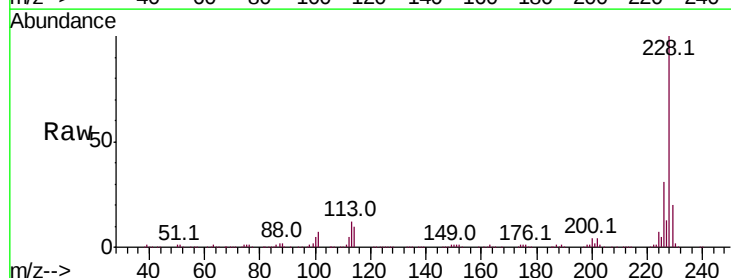
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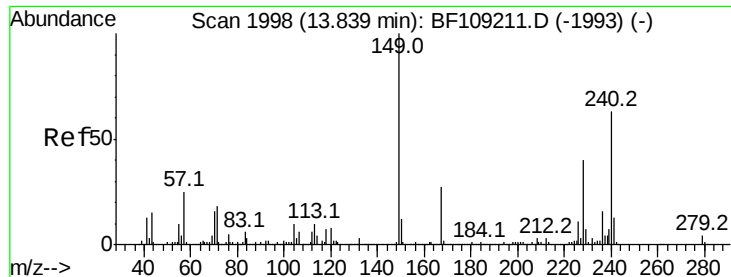
Sohil
 9/24/2018 11:38:49 AM



#82
 Chrysene
 Concen: 32.559 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	520016		
226	31.0	25.0	37.6	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.833 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:149 Resp: 420072

Ion Ratio Lower Upper

149 100

167 25.2 21.3 31.9

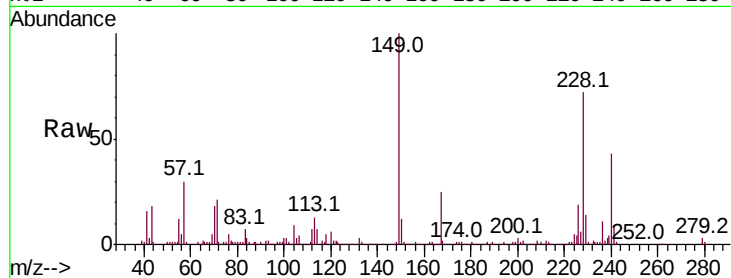
279 3.0 3.0 4.4

Manual Integrations

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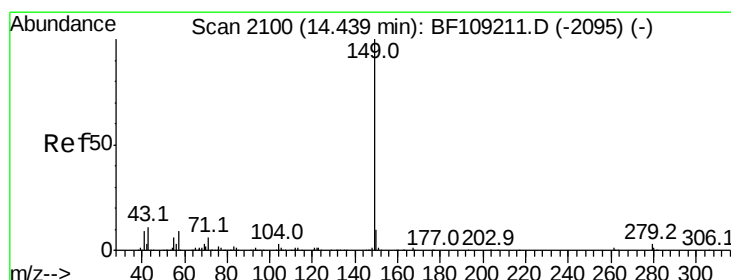
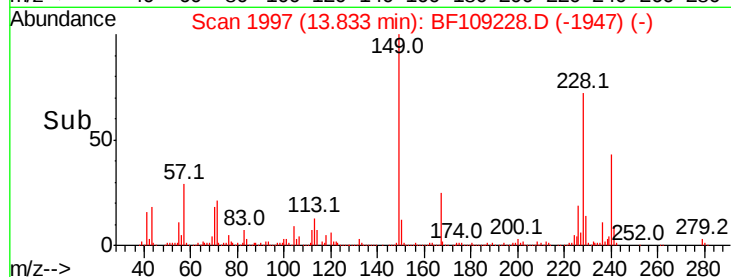
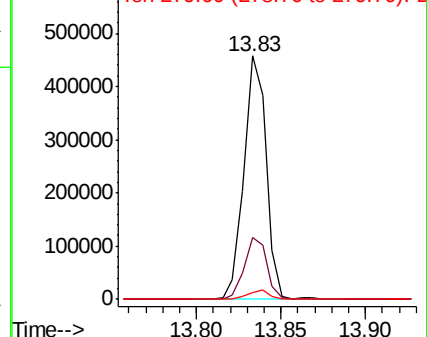


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.593 ng

RT: 14.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF109228.D

Acq: 22 Sep 2018 18:21

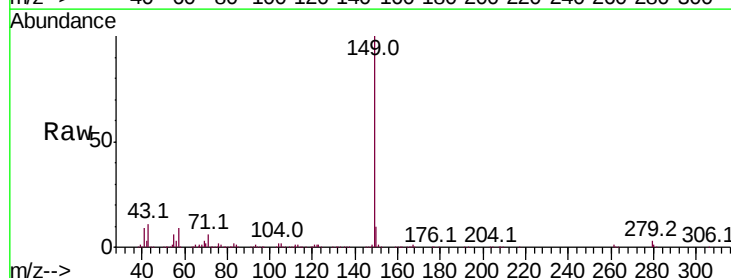
Tgt Ion:149 Resp: 661249

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 8.4 12.6

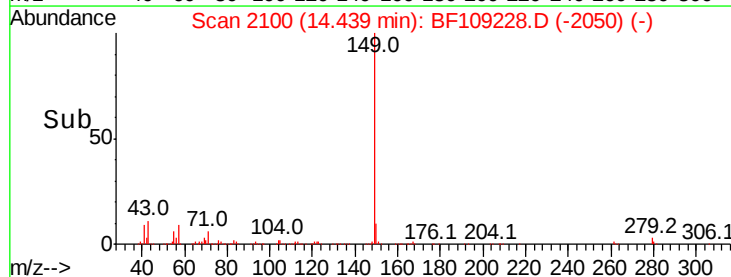
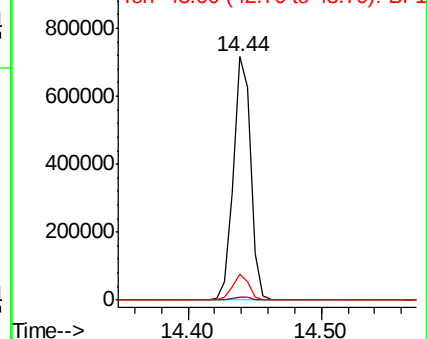


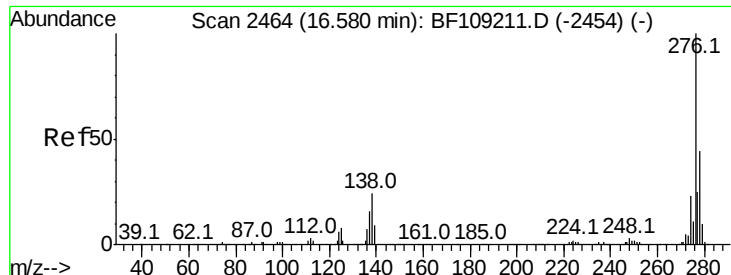
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





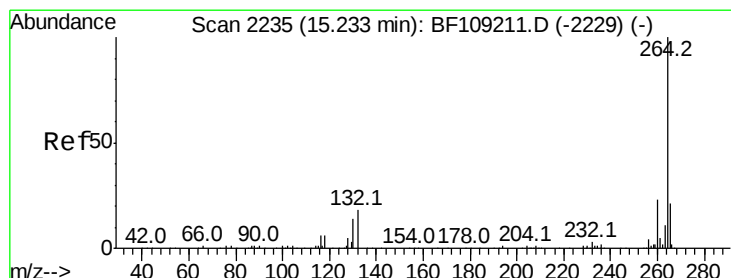
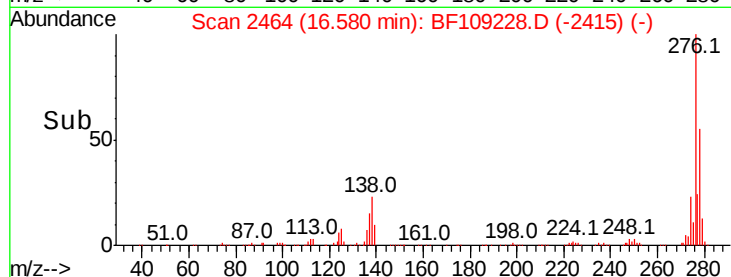
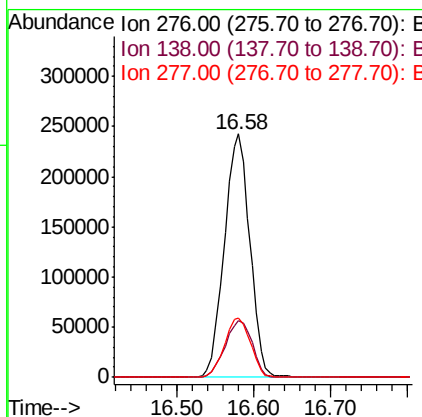
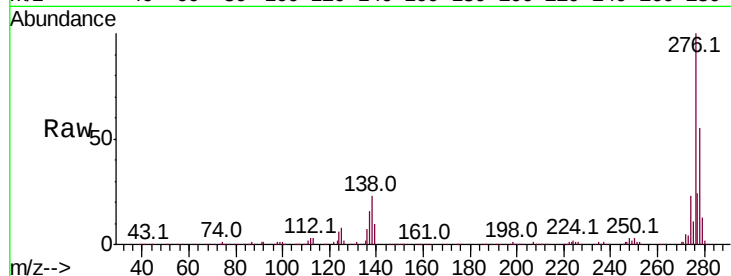
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.169 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.0	37.6#
277	25.1	20.1	30.1

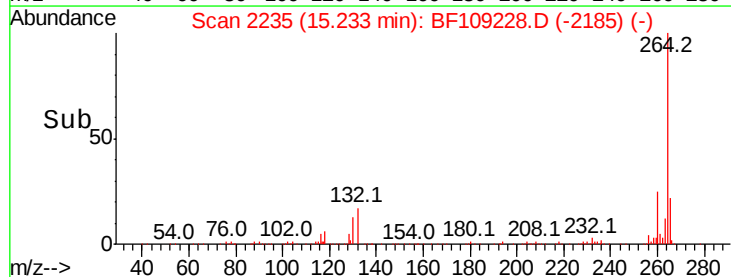
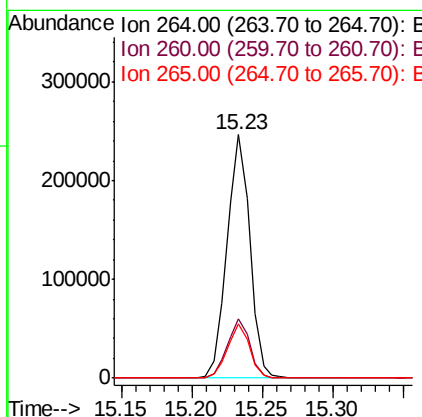
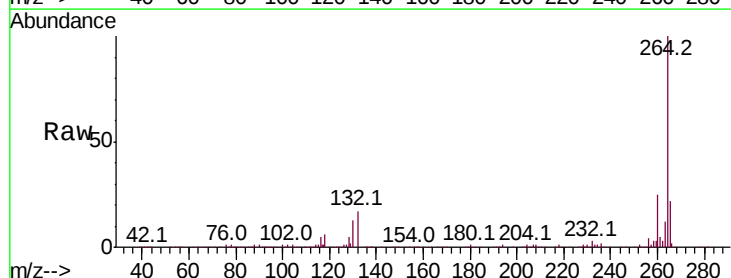
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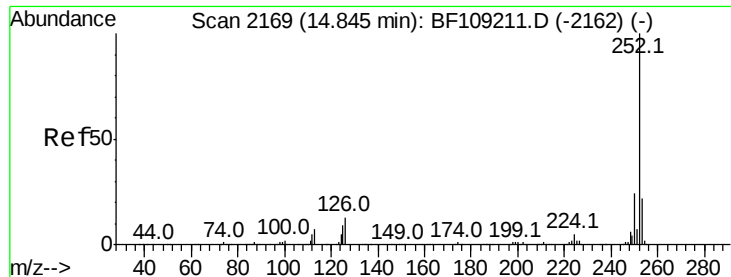
Sohil
 9/24/2018 11:38:49 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3





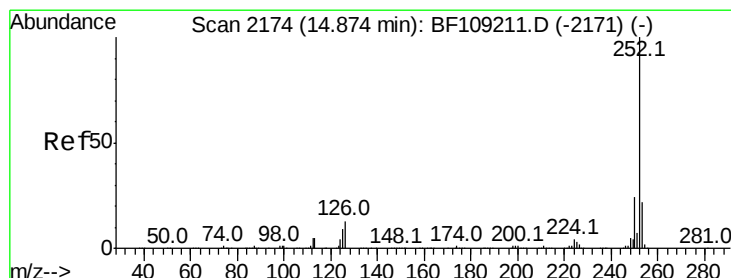
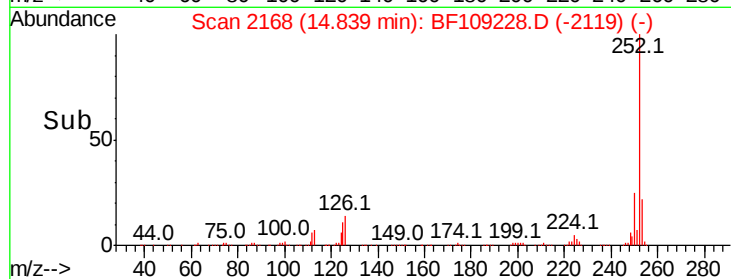
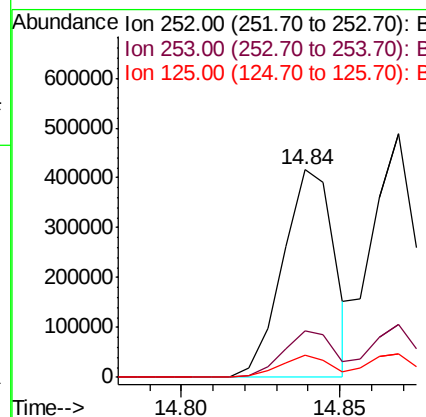
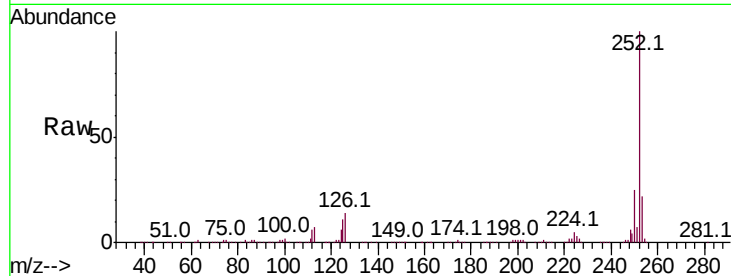
#87
Benzo(b)fluoranthene
Concen: 31.034 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.0	9.0	13.6

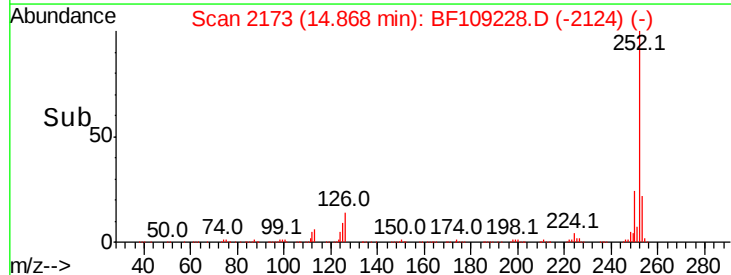
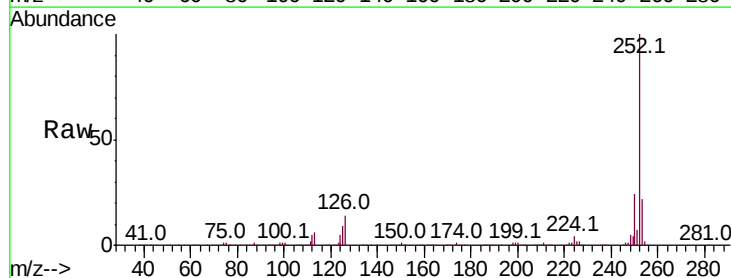
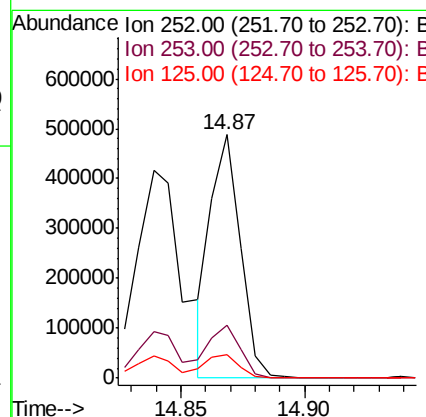
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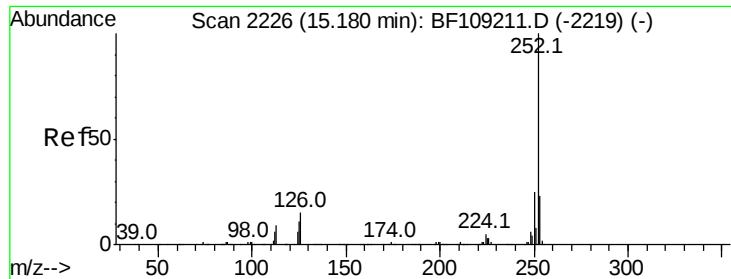
Sohil
9/24/2018 11:38:49 AM



#88
Benzo(k)fluoranthene
Concen: 28.493 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.4	10.2	15.2#





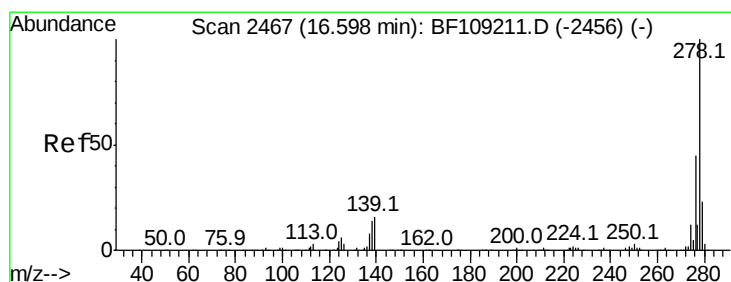
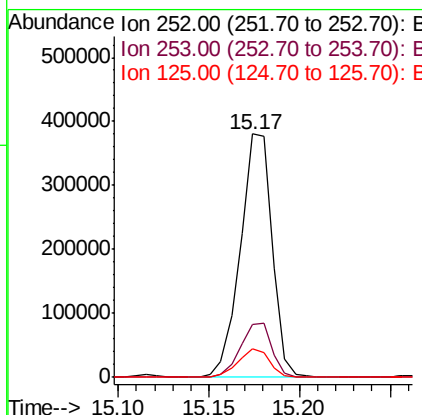
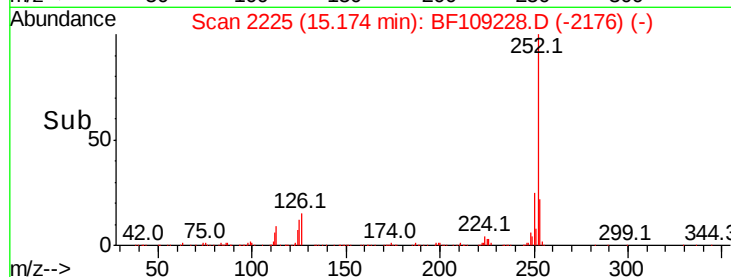
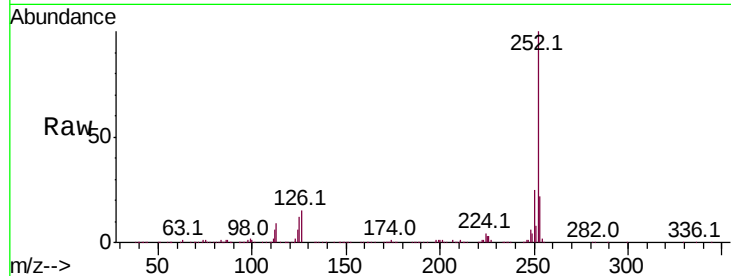
#89
Benzo(a)pyrene
Concen: 33.826 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.8	9.8	14.6

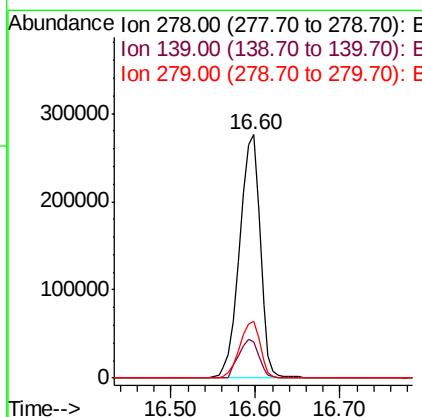
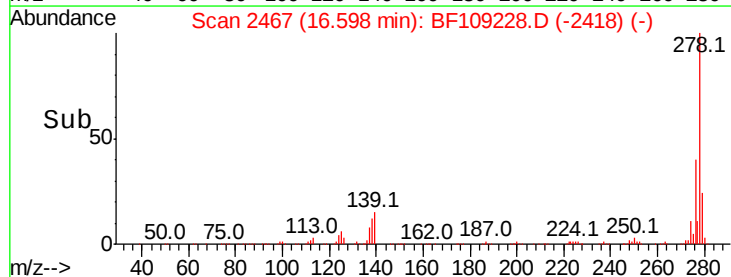
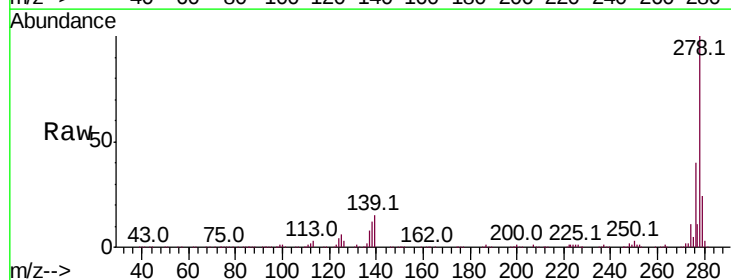
Manual Integrations
APPROVED

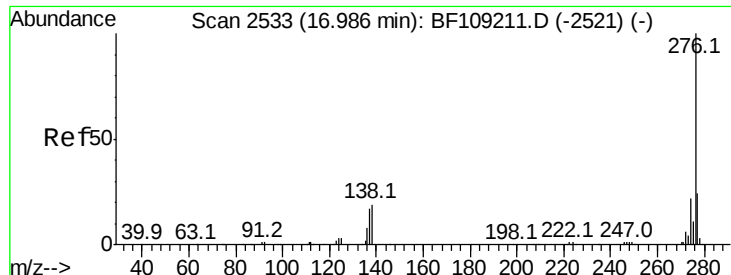
Sohil
9/24/2018 11:38:49 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.209 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF109228.D
Acq: 22 Sep 2018 18:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9#
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.394 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.02 min
 Lab File: BF109228.D
 Acq: 22 Sep 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-026-BMSD

Tot Ion:	276	Resp:	458716
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	21.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/24/2018 11:38:49 AM

