

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109191.D
 Acq On : 20 Sep 2018 19:32
 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
 9/21/2018 10:37:56 AM

Quant Time: Sep 21 07:23:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103573	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	403618	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	182452	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	351605	20.00	ng	0.00
75) Chrysene-d12	13.85	240	203747	20.00	ng	0.00
86) Perylene-d12	15.26	264	274497	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	529042	84.84	ng	0.01
7) Phenol-d6	6.36	99	778800	96.85	ng	0.00
23) Nitrobenzene-d5	7.28	82	494816	68.76	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	187615	94.75	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	791032	67.93	ng	0.00
78) Terphenyl-d14	12.81	244	701400	81.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	70977	23.910	ng	95
3) Pyridine	3.15	79	194136	24.671	ng	89
4) n-Nitrosodimethylamine	3.08	42	103754	34.911	ng	# 97
6) Aniline	6.38	93	215298	20.715	ng	95
8) 2-Chlorophenol	6.51	128	212431	30.440	ng	99
9) Benzaldehyde	6.27	77	159826	31.121	ng	99
10) Phenol	6.38	94	279256	30.865	ng	76
11) bis(2-Chloroethyl)ether	6.46	93	213765	30.032	ng	95
12) 1,3-Dichlorobenzene	6.66	146	230714	28.908	ng	96
13) 1,4-Dichlorobenzene	6.74	146	230496	28.789	ng	98
14) 1,2-Dichlorobenzene	6.90	146	217777	29.339	ng	98
15) Benzyl Alcohol	6.87	79	203322	33.306	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296327	29.055	ng	95
17) 2-Methylphenol	6.98	107	176520	31.003	ng	95
18) Hexachloroethane	7.24	117	84495	29.057	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	154611	29.089	ng	96
20) 3+4-Methylphenols	7.14	107	203985	29.748	ng	# 70
22) Acetophenone	7.13	105	282856	30.859	ng	# 89
24) Nitrobenzene	7.30	77	232753	31.371	ng	95
25) Isophorone	7.54	82	424570	34.323	ng	95
26) 2-Nitrophenol	7.62	139	102438	29.569	ng	93
27) 2,4-Dimethylphenol	7.66	122	187491	34.501	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	268581	32.265	ng	98
29) 2,4-Dichlorophenol	7.86	162	186601	32.222	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	185654	29.658	ng	97
31) Naphthalene	8.02	128	619960	33.094	ng	99
32) Benzoic acid	7.75	122	47150	13.278	ng	85
33) 4-Chloroaniline	8.07	127	84375	10.130	ng	97
34) Hexachlorobutadiene	8.15	225	113552	29.713	ng	99
35) Caprolactam	8.43	113	60146m	31.857	ng	
36) 4-Chloro-3-methylphenol	8.56	107	197403	32.381	ng	96
37) 2-Methylnaphthalene	8.71	142	412120	33.748	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	179609	31.277	ng	99
40) Hexachlorocyclopentadiene	8.88	237	163205	56.408	ng	97

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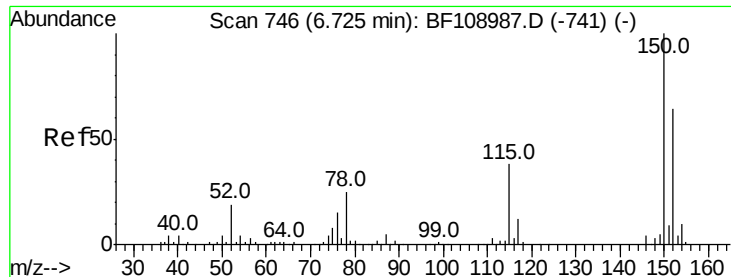
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	127723	33.090	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	136643	33.877	nq	# 93
45) 1,1'-Biphenyl	9.18	154	489164	33.512	nq	98
46) 2-Chloronaphthalene	9.20	162	359832	30.781	nq	98
47) 2-Nitroaniline	9.30	65	124563	34.660	nq	96
48) Acenaphthylene	9.61	152	590446	33.500	nq	100
49) Dimethylphthalate	9.48	163	734787	56.347	nq	100
50) 2,6-Dinitrotoluene	9.54	165	93938	32.483	nq	87
51) Acenaphthene	9.78	154	360280	32.827	nq	99
52) 3-Nitroaniline	9.70	138	60871	17.875	nq	92
53) 2,4-Dinitrophenol	9.81	184	58049	52.083	nq	# 19
54) Dibenzofuran	9.96	168	529267	33.371	nq	99
55) 4-Nitrophenol	9.87	139	143947	57.373	nq	89
56) 2,4-Dinitrotoluene	9.94	165	130168	34.417	nq	# 93
57) Fluorene	10.30	166	388127	36.723	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	105527	31.596	nq	94
59) Diethylphthalate	10.18	149	453500	34.438	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	187647	33.156	nq	93
61) 4-Nitroaniline	10.31	138	100205	30.972	nq	96
62) Azobenzene	10.45	77	463810	34.408	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	45436	27.009	nq	83
65) n-Nitrosodiphenylamine	10.41	169	376425	32.729	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	113450	28.621	nq	95
67) Hexachlorobenzene	10.85	284	131625	31.044	nq	# 91
68) Atrazine	10.94	200	128262	34.837	nq	99
69) Pentachlorophenol	11.04	266	135013	49.771	nq	98
70) Phenanthrene	11.25	178	579515	33.623	nq	99
71) Anthracene	11.31	178	586911	33.592	nq	99
72) Carbazole	11.46	167	467610	27.037	nq	100
73) Di-n-butylphthalate	11.80	149	607785	30.020	nq	# 99
74) Fluoranthene	12.44	202	552044	30.339	nq	96
76) Benzidine	12.55	184	251463	34.866	nq	98
77) Pyrene	12.66	202	541862	35.804	nq	99
79) Butylbenzylphthalate	13.28	149	236152	34.936	nq	91
80) Benzo(a)anthracene	13.84	228	400187	32.442	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	119581	24.023	nq	96
82) Chrysene	13.88	228	388974	31.517	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	280480	34.270	nq	98
84) Di-n-octyl phthalate	14.45	149	514768	37.085	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	538203	54.546	nq	94
87) Benzo(b)fluoranthene	14.86	252	411464	27.095	nq	98
88) Benzo(k)fluoranthene	14.89	252	344542m	24.291	nq	
89) Benzo(a)pyrene	15.20	252	460694	34.161	nq	98
90) Dibenzo(a,h)anthracene	16.63	278	450919	39.798	nq	# 95
91) Benzo(g,h,i)perylene	17.02	276	444793	39.266	nq	# 93

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



#1

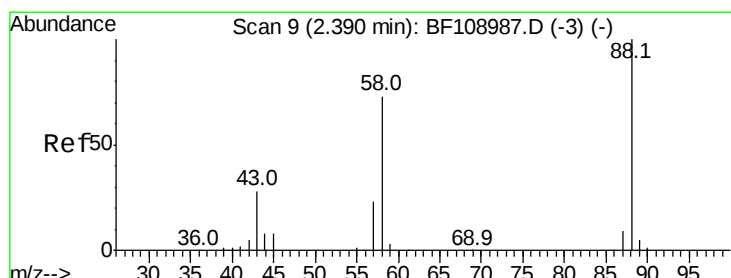
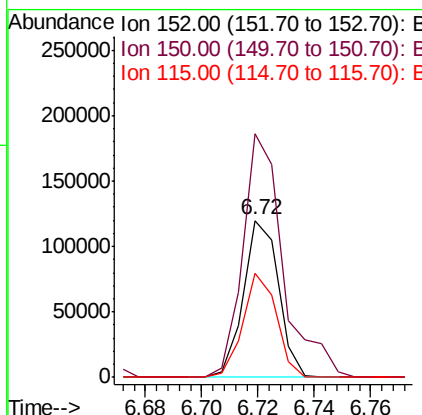
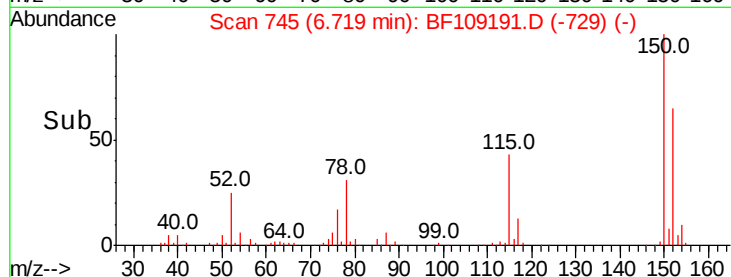
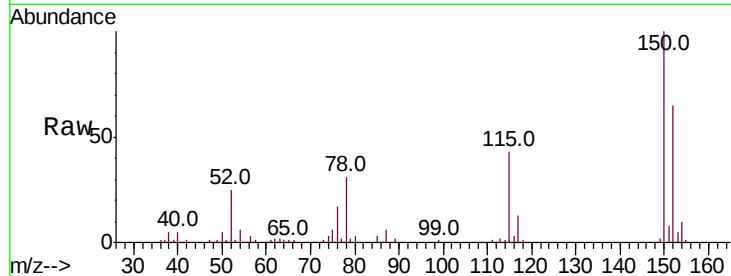
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	66.1	50.1	75.1

Manual Integrations
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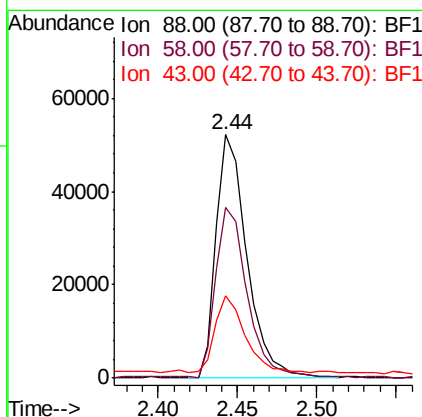
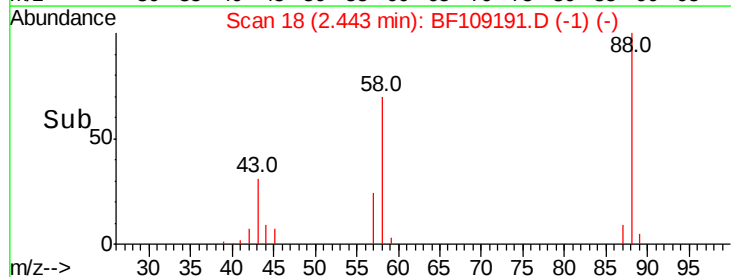
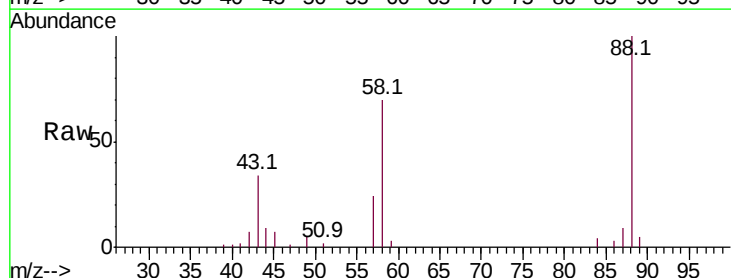
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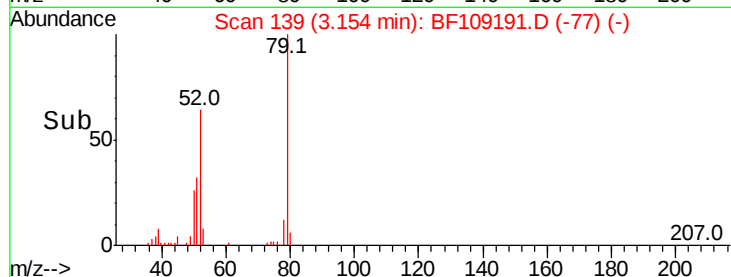
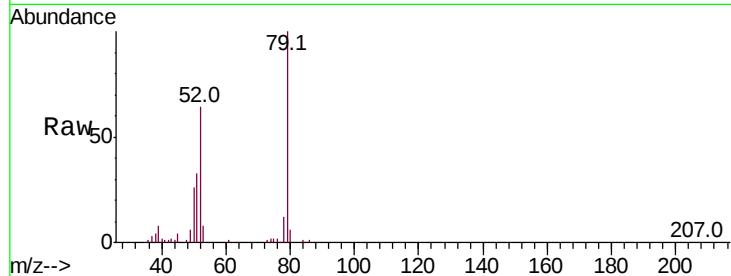
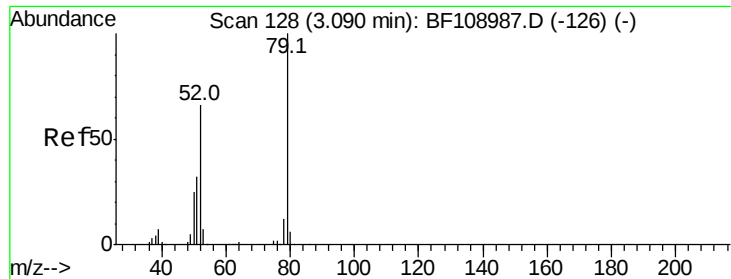


#2

1,4-Dioxane
Concen: 23.910 ng
RT: 2.44 min Scan# 18
Delta R.T. 0.05 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	62.6	93.8
43	30.3	24.6	37.0





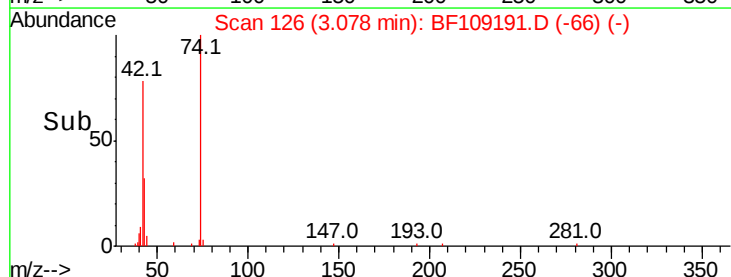
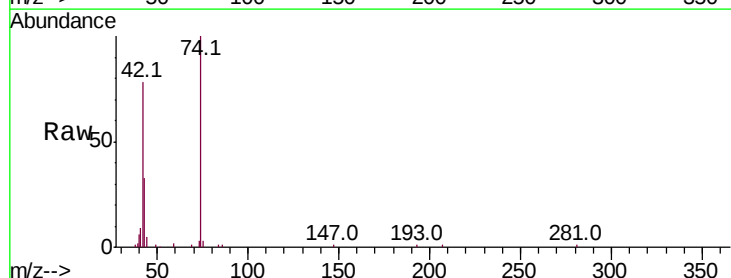
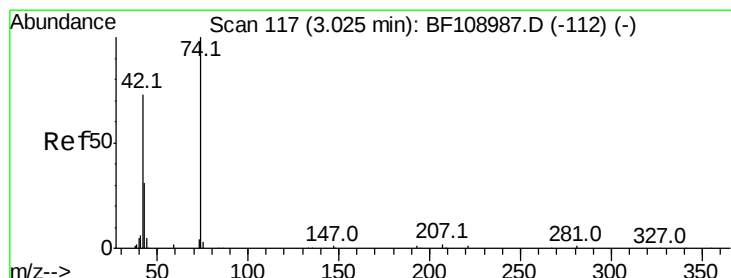
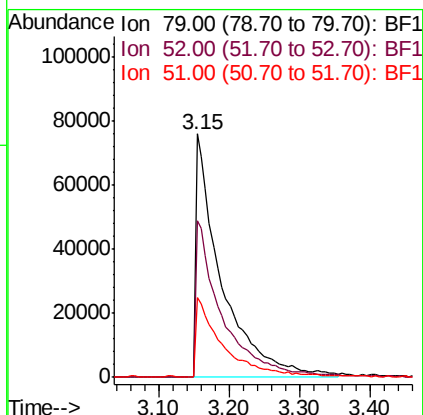
#3
Pvridine
Concen: 24.671 ng
RT: 3.15 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.3	59.8	89.6
51	32.8	29.8	44.8

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

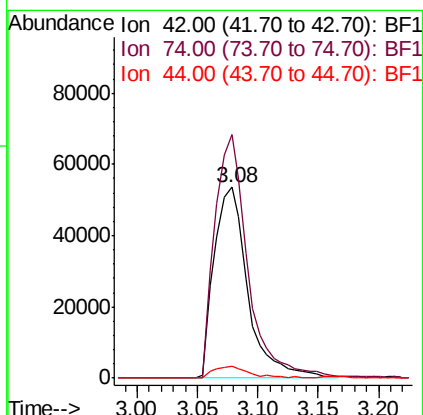
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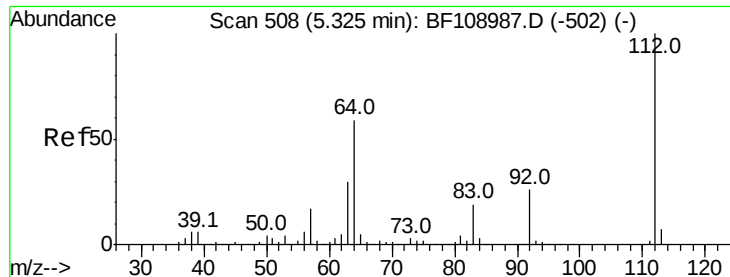
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#4
n-Nitrosodimethylamine
Concen: 34.911 ng
RT: 3.08 min Scan# 126
Delta R.T. 0.05 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.5	104.9	157.3
44	6.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 84.837 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

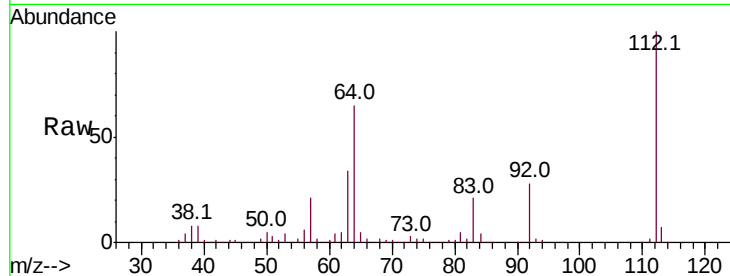
ClientSampleId :

FK-GF-02-026-BMSD

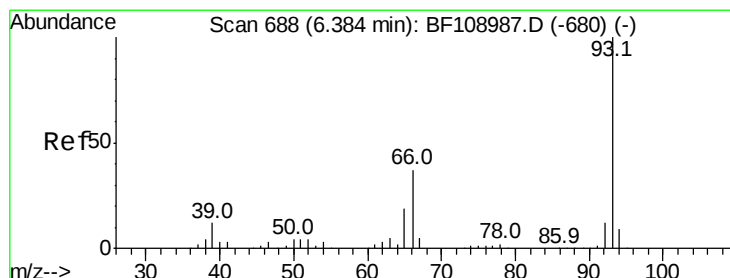
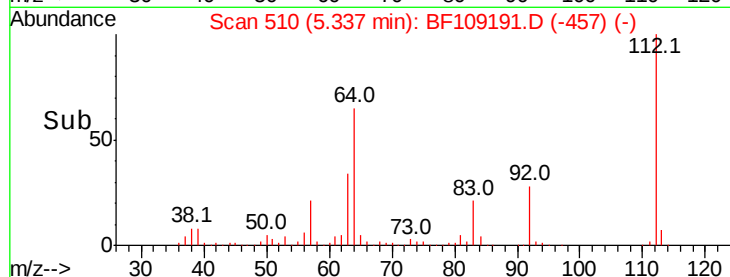
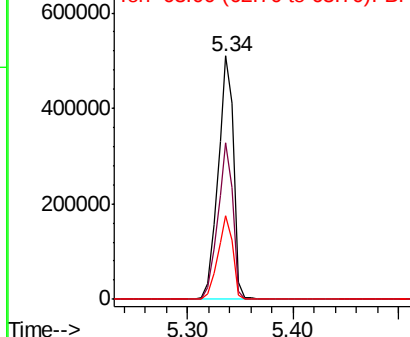
Tot Ion:	112	Resp:	529042
Ion Ratio	Lower	Upper	
112	100		
64	64.6	47.9	71.9
63	34.3	23.7	35.5

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



#6

Aniline

Concen: 20.715 ng

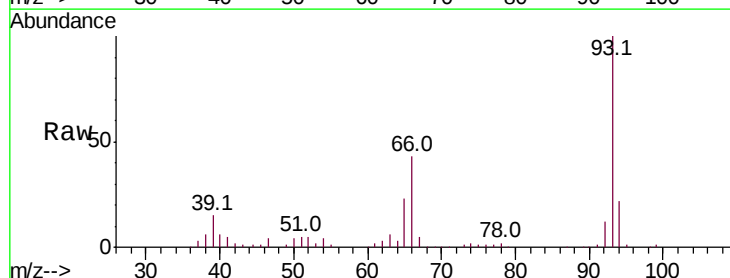
RT: 6.38 min Scan# 688

Delta R.T. -0.00 min

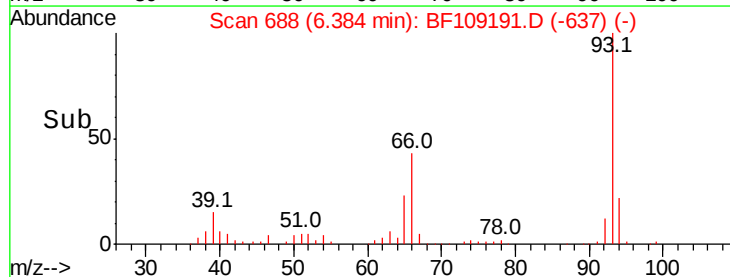
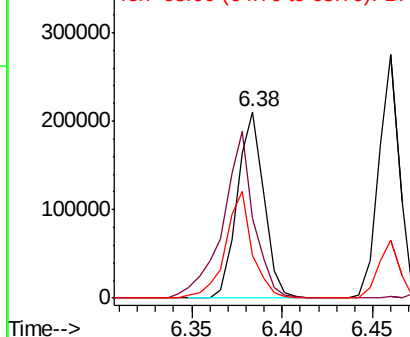
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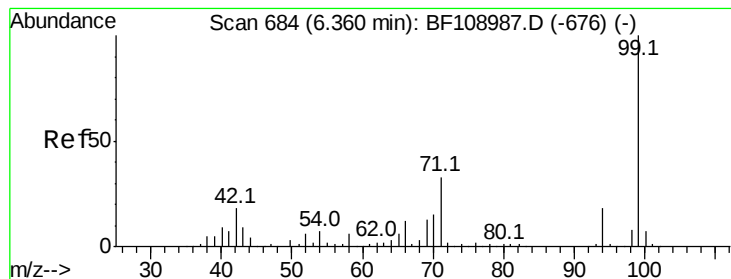
Acq: 20 Sep 2018 19:32

Tgt Ion:	93	Resp:	215298
Ion Ratio	Lower	Upper	
93	100		
66	43.2	32.2	48.2
65	22.6	16.4	24.6



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





#7

Phenol-d6

Concen: 96.853 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

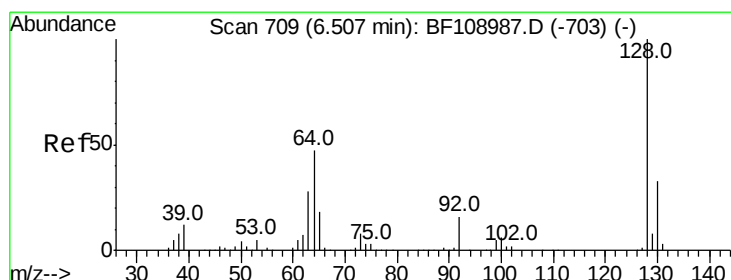
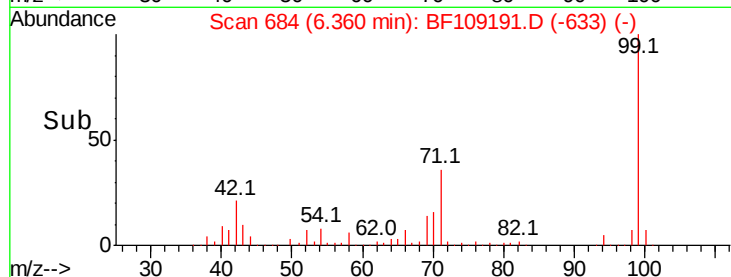
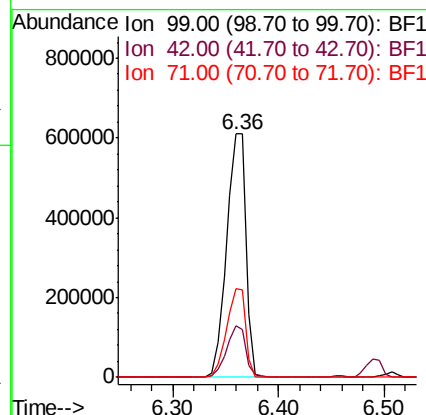
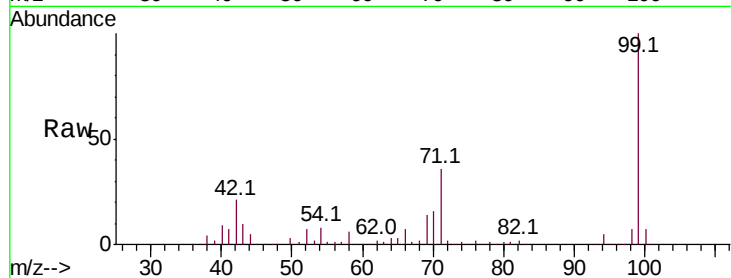
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	778800		
42	21.0		14.5	21.7
71	36.5		25.4	38.0

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#8

2-Chlorophenol

Concen: 30.440 ng

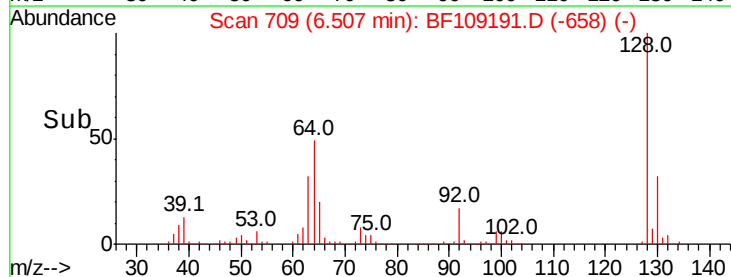
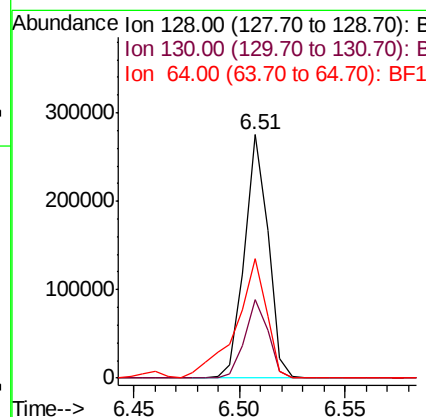
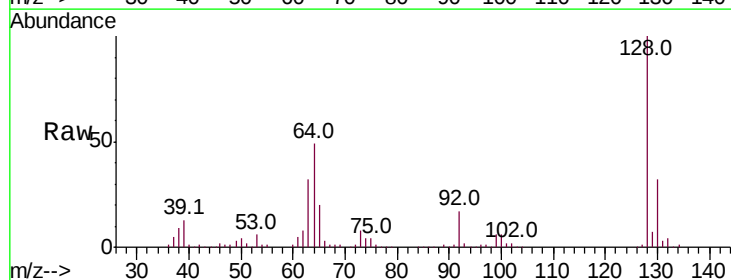
RT: 6.51 min Scan# 709

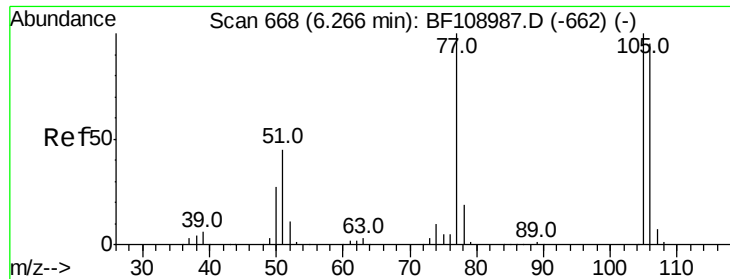
Delta R.T. -0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	212431		
130	32.2		13.0	53.0
64	49.0		29.4	69.4





#9

Benzaldehyde

Concen: 31.121 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

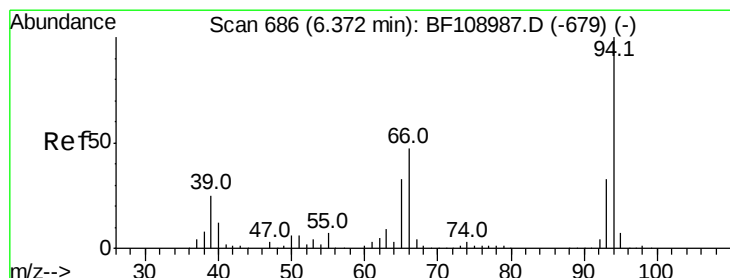
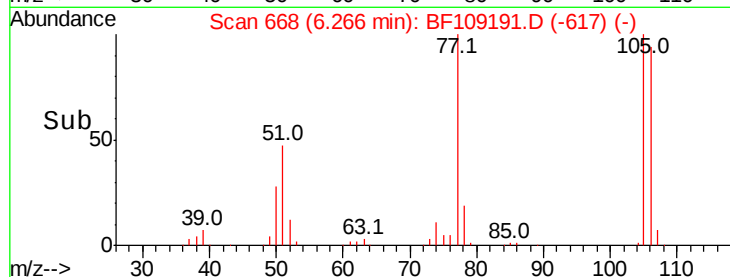
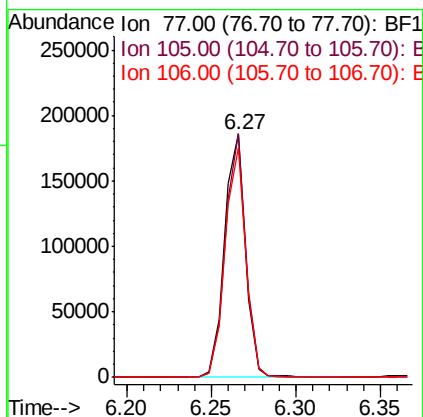
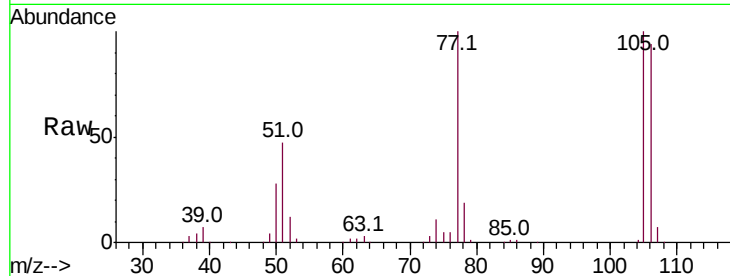
ClientSampleID :

FK-GF-02-026-BMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	81.1	121.1
106	94.5	74.5	114.5

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#10

Phenol

Concen: 30.865 ng

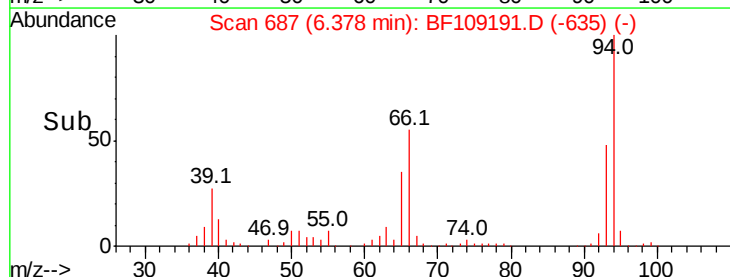
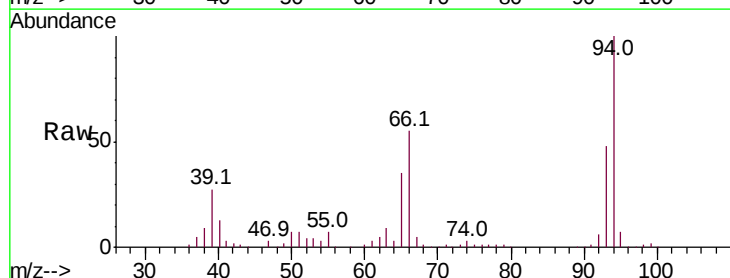
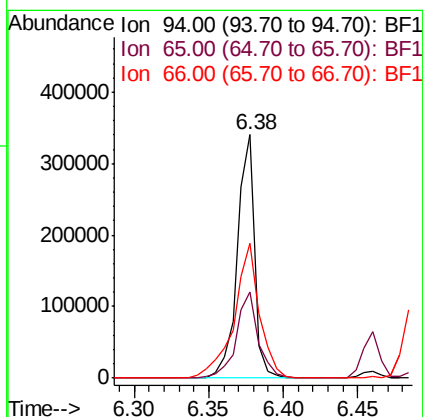
RT: 6.38 min Scan# 687

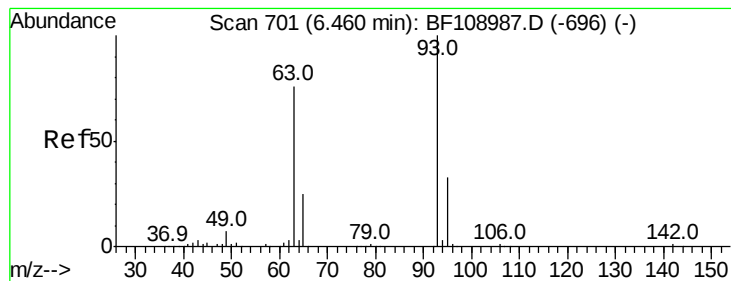
Delta R.T. 0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.3	7.9	47.9
66	55.3	16.2	56.2





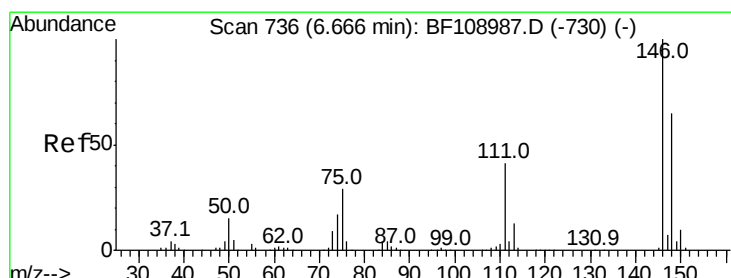
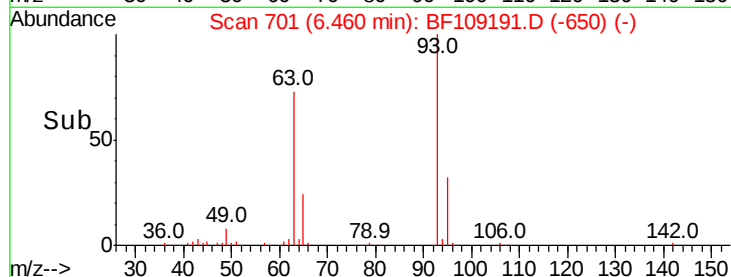
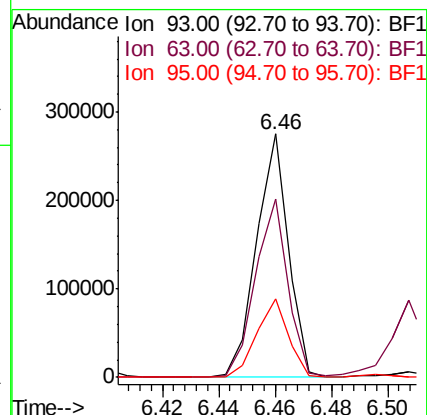
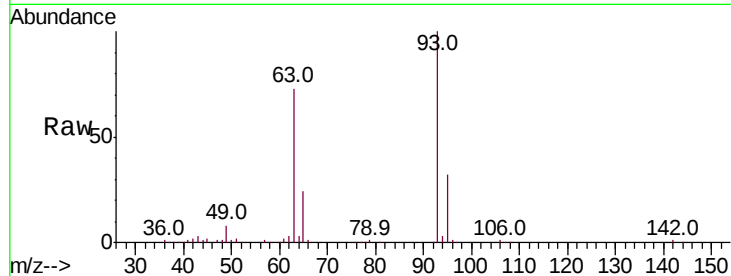
#11
bis(2-Chloroethyl)ether
Concen: 30.032 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	73.2	58.6	98.6
95	32.4	11.8	51.8

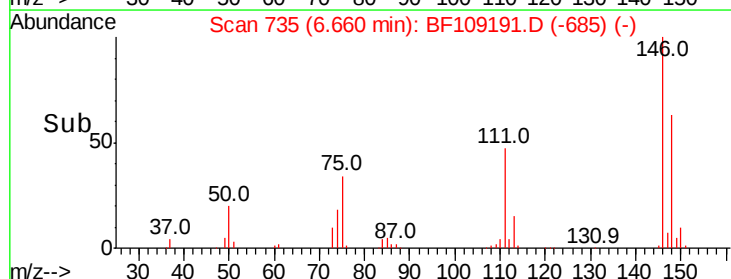
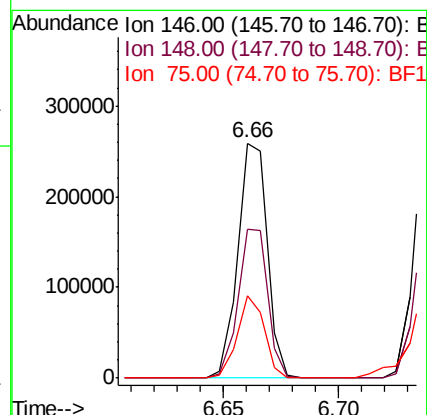
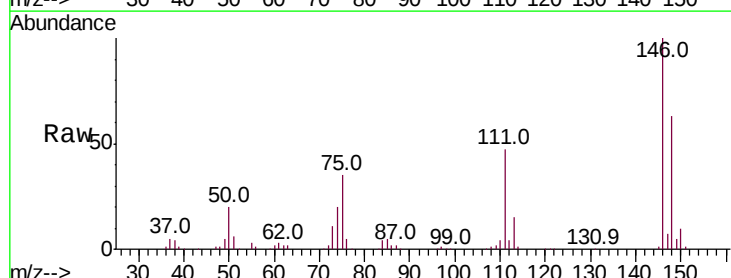
Manual Integrations
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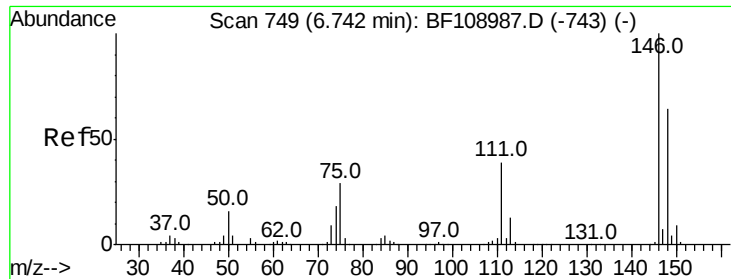
Sohil
9/21/2018 10:37:56 AM



#12
1,3-Dichlorobenzene
Concen: 28.908 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.5	51.8	77.8
75	35.1	24.2	36.4





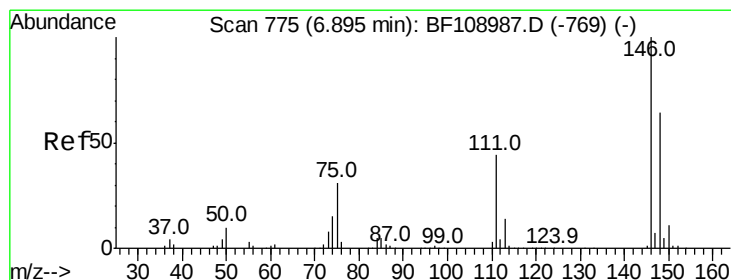
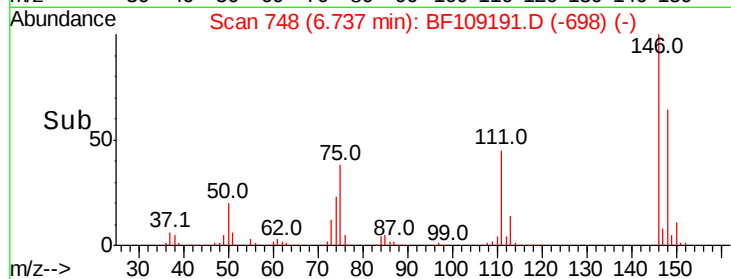
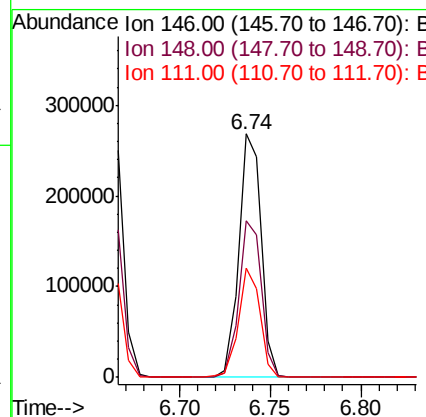
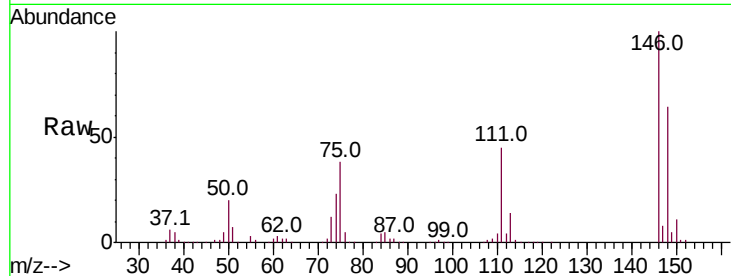
#13
 1,4-Dichlorobenzene
 Concen: 28.789 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	45.0	34.2	51.2

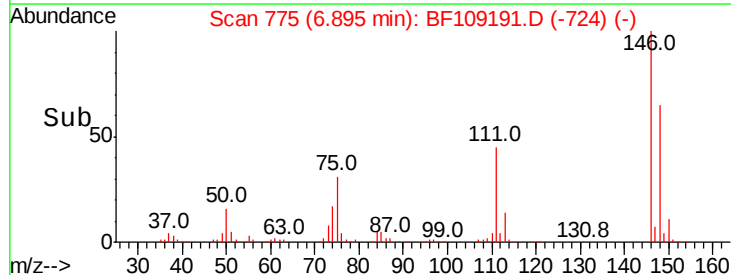
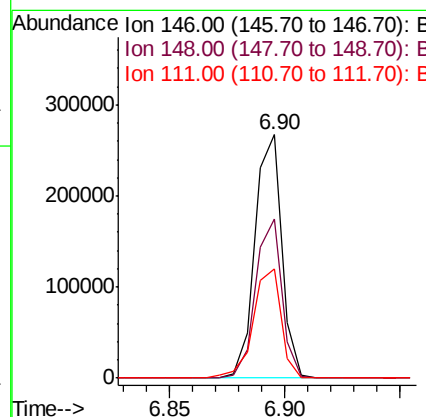
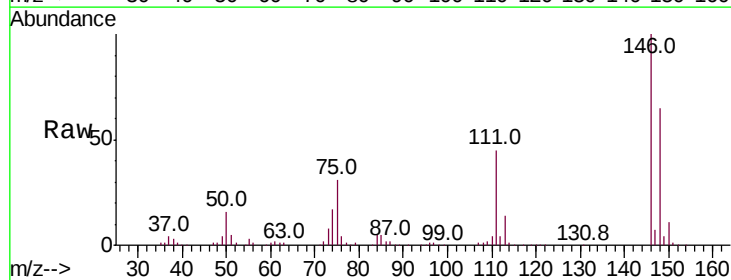
Manual Integrations
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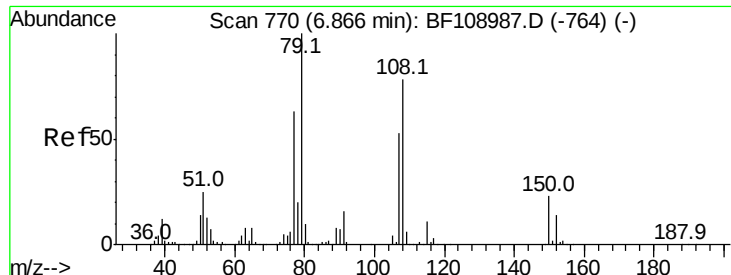
Sohil
 9/21/2018 10:37:56 AM



#14
 1,2-Dichlorobenzene
 Concen: 29.339 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	75.8
111	45.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 33.306 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

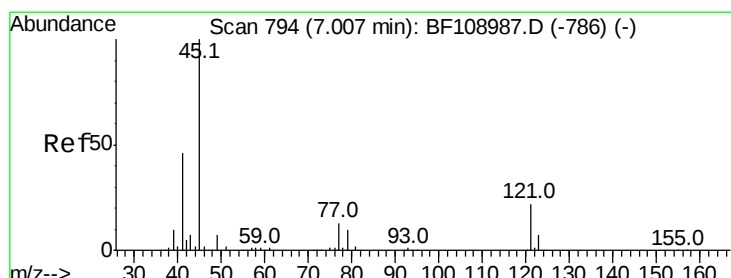
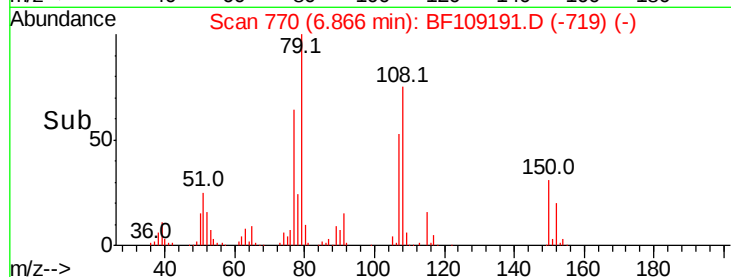
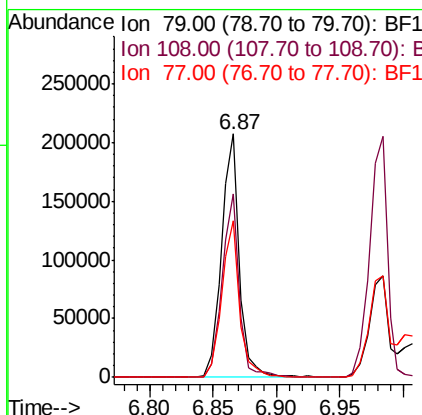
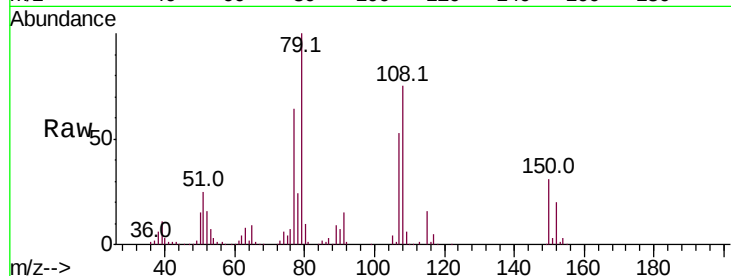
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	79	Resp:	203322
Ion Ratio	Lower	Upper	
79	100		
108	75.3	65.1	97.7
77	64.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.055 ng

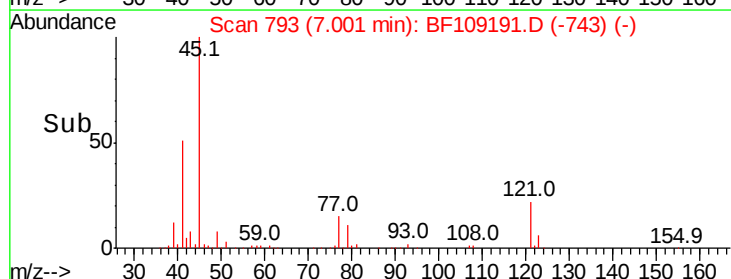
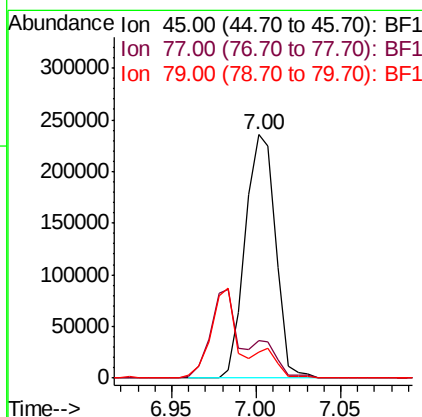
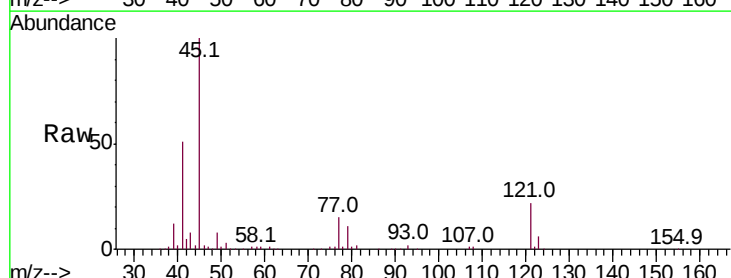
RT: 7.00 min Scan# 793

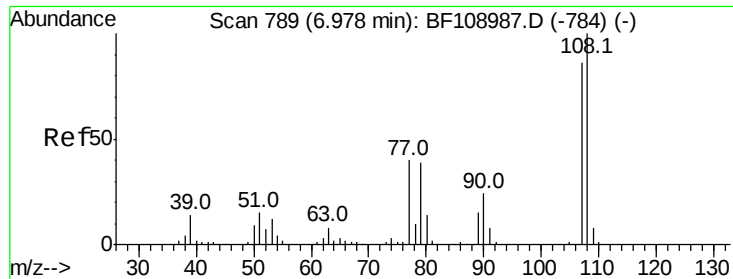
Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion:	45	Resp:	296327
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	32.9
79	10.8	0.0	29.6





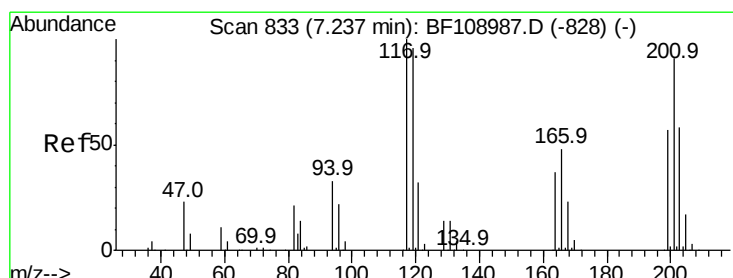
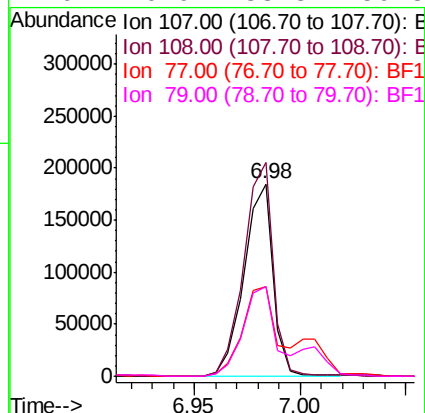
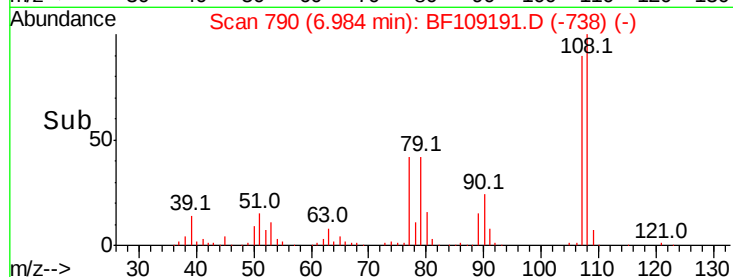
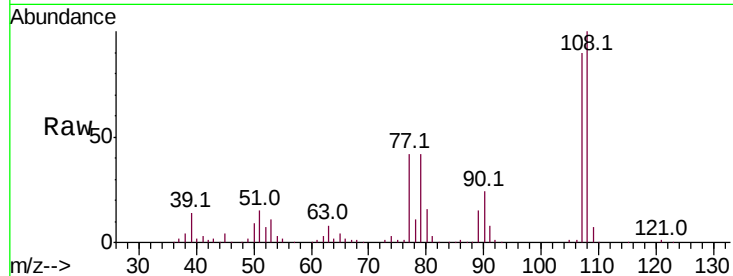
#17
2-Methylphenol
Concen: 31.003 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	91.7	137.5	
77	46.5	33.8	50.8	
79	46.9	33.8	50.8	

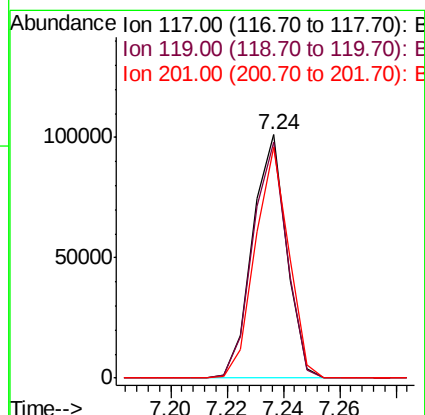
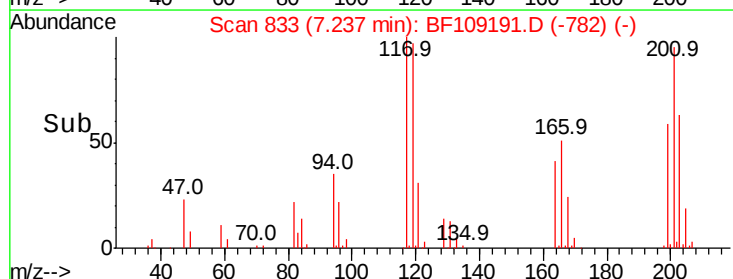
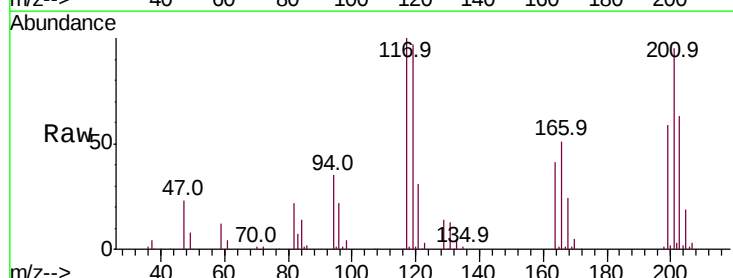
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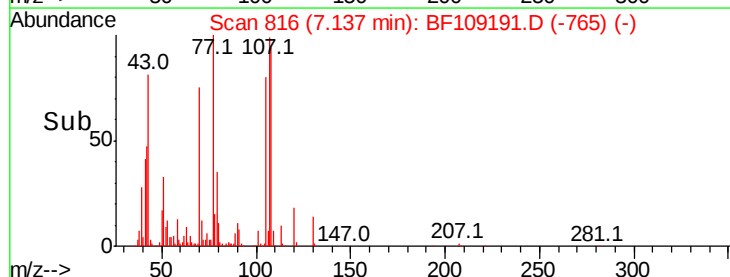
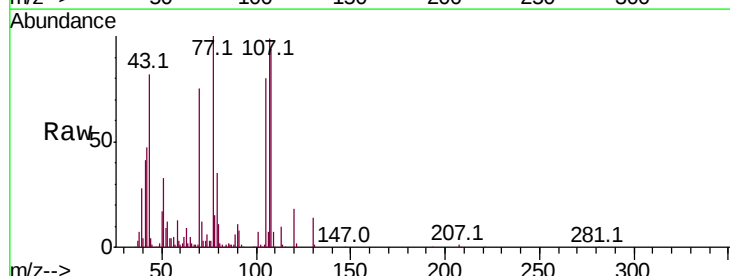
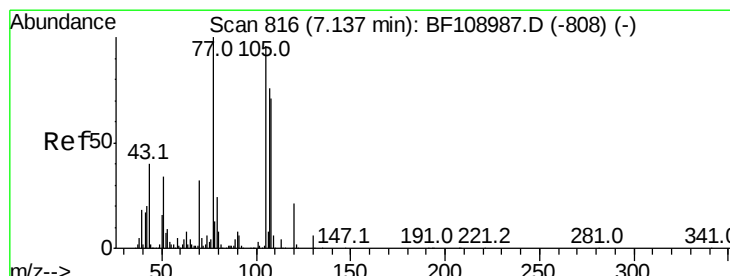
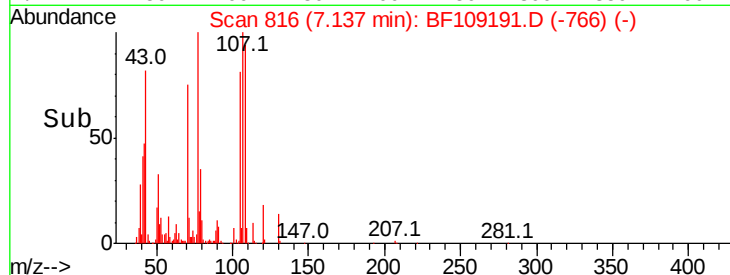
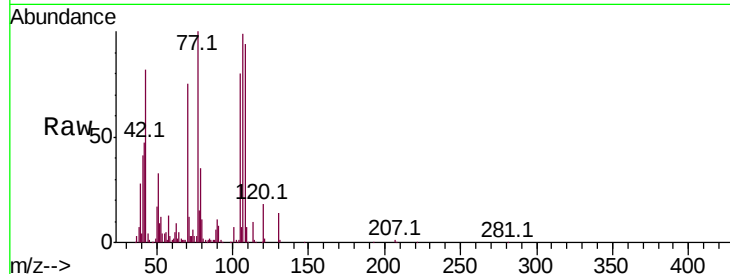
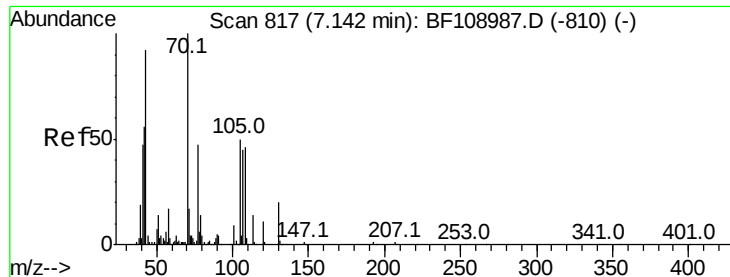
Sohil
9/21/2018 10:37:56 AM



#18
Hexachloroethane
Concen: 29.057 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	75.8	113.8	
201	94.9	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 29.089 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF109191.D

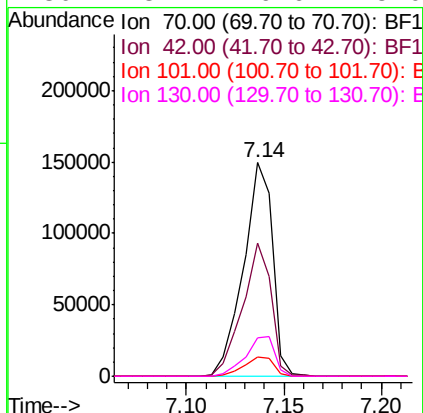
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	47.5	71.3	
101	8.8	7.4	11.2	
130	18.1	16.6	25.0	

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#20

3+4-Methylphenols

Concen: 29.748 ng

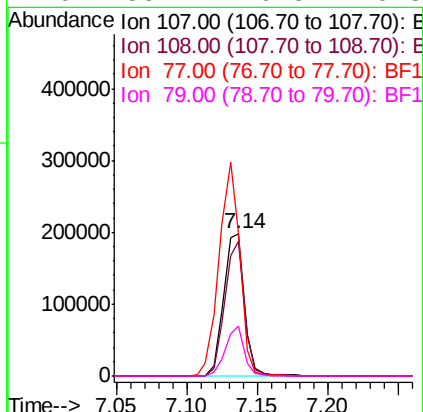
RT: 7.14 min Scan# 816

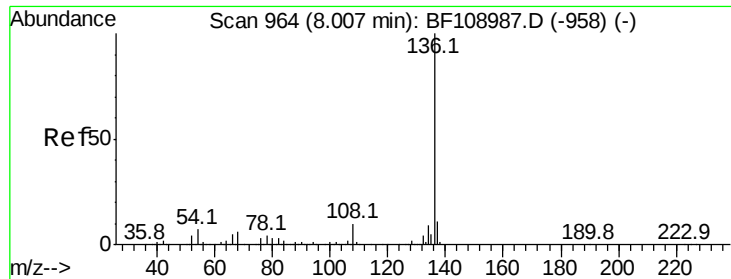
Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.2	68.2	108.2	
77	100.6	26.7	66.7#	
79	35.2	6.3	46.3	





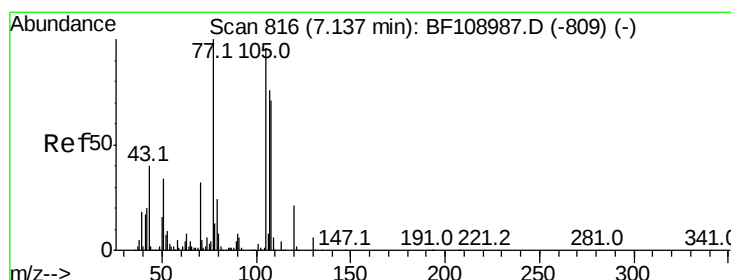
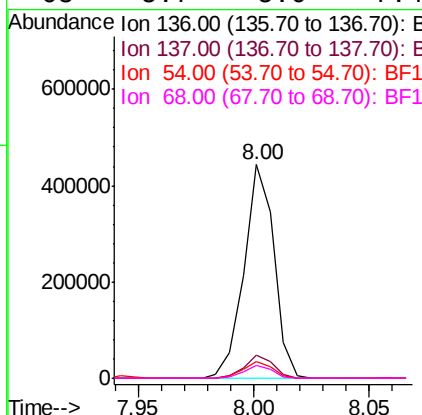
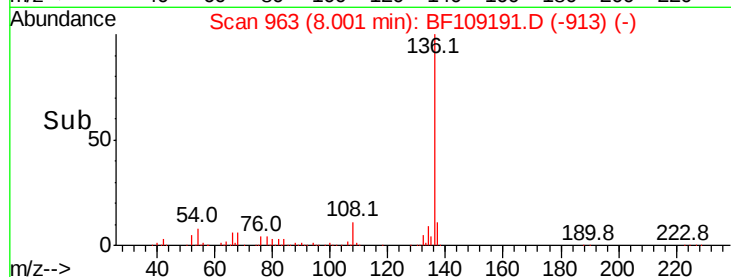
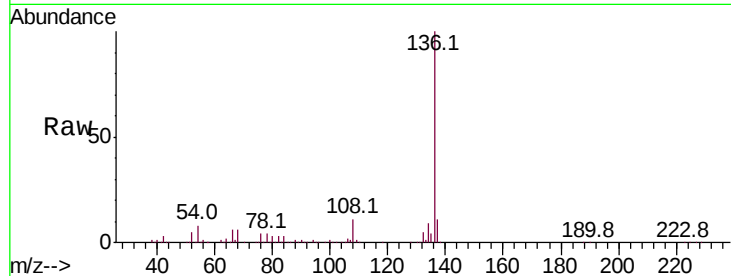
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.7	6.6	9.8	
68	5.7	5.0	7.4	

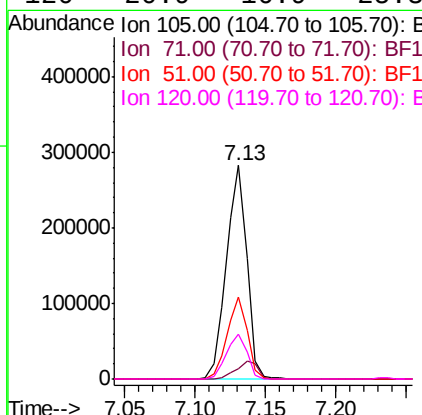
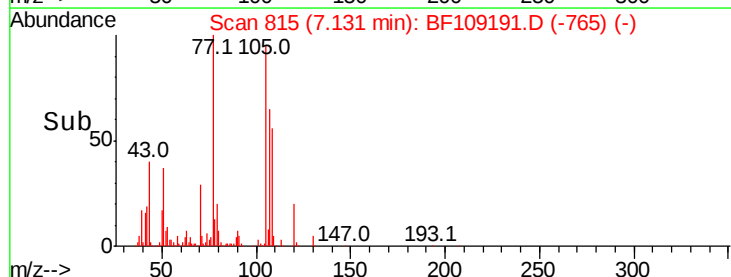
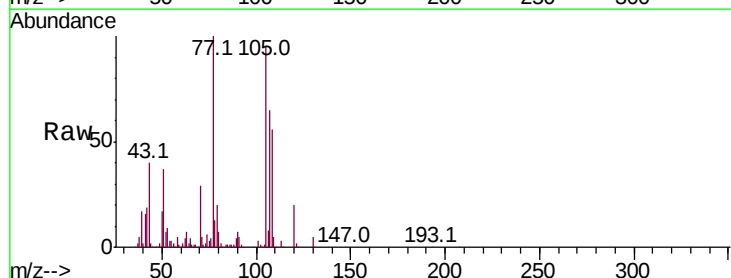
Manual Integrations
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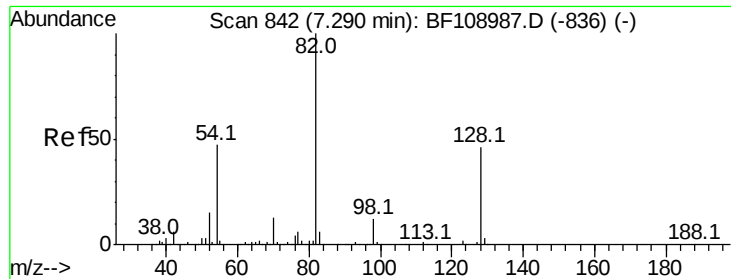
Sohil
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#22
Acetophenone
Concen: 30.859 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	4.4	6.6	
51	38.5	22.3	33.5	
120	20.9	16.9	25.3	





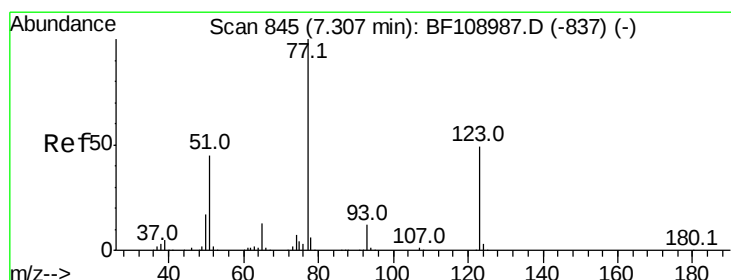
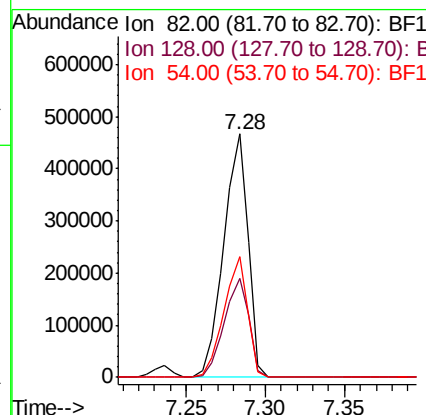
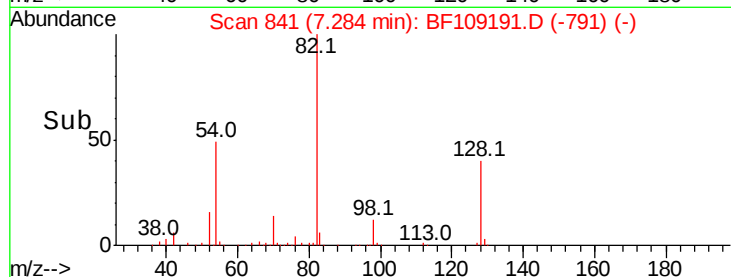
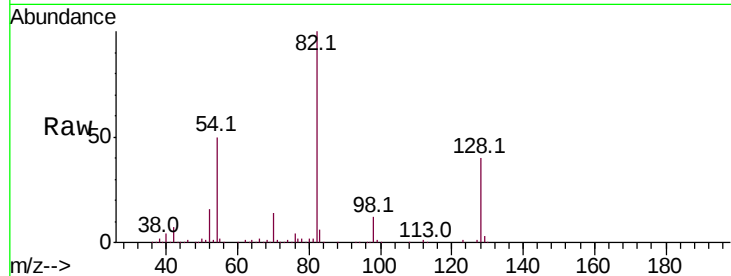
#23
Nitrobenzene-d5
Concen: 68.761 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.4	36.1	54.1	
54	49.6	41.4	62.2	

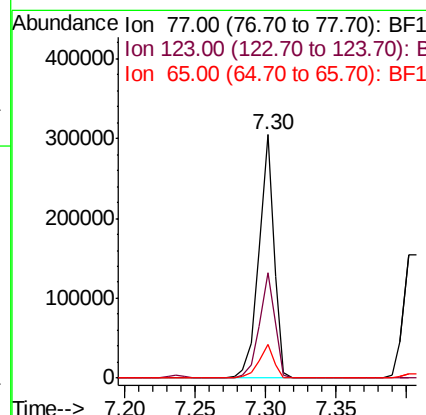
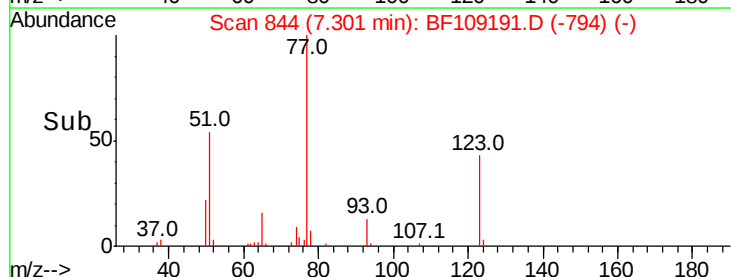
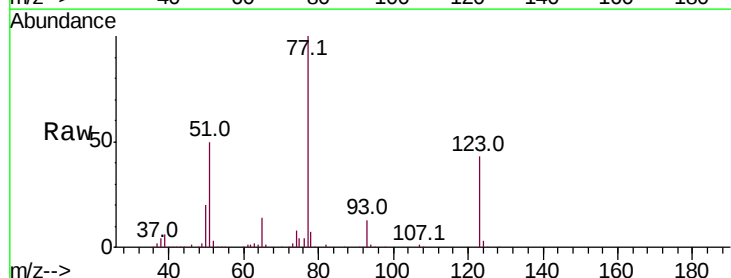
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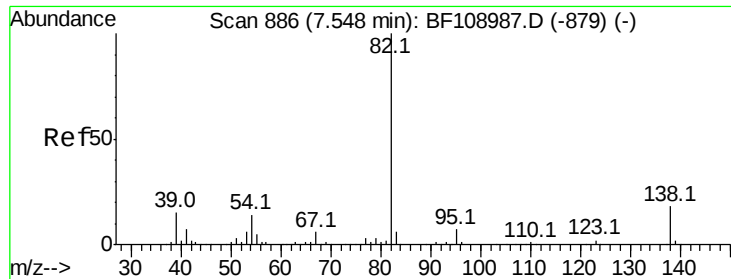
Sohil
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#24
Nitrobenzene
Concen: 31.371 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.1	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 34.323 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

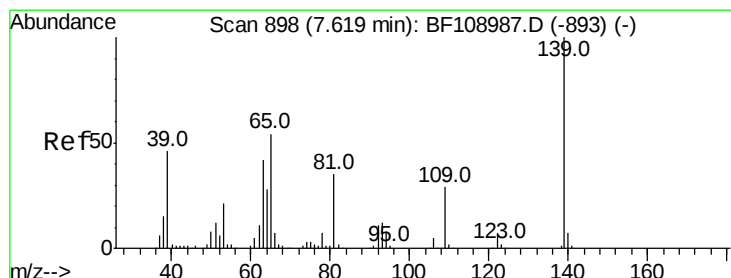
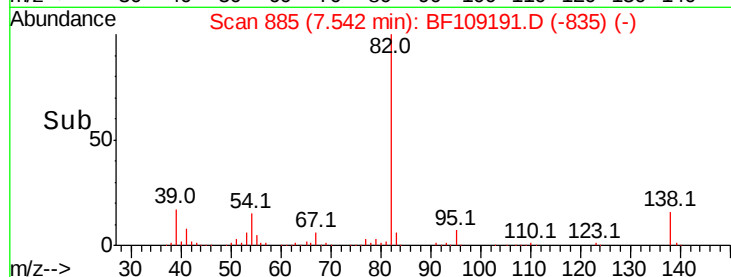
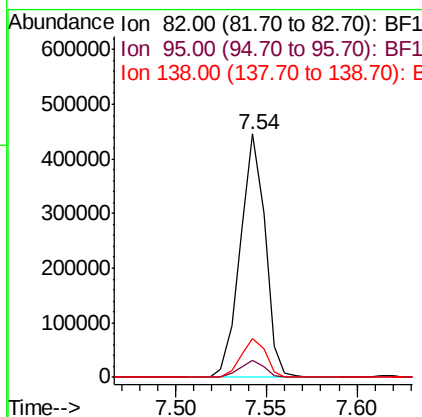
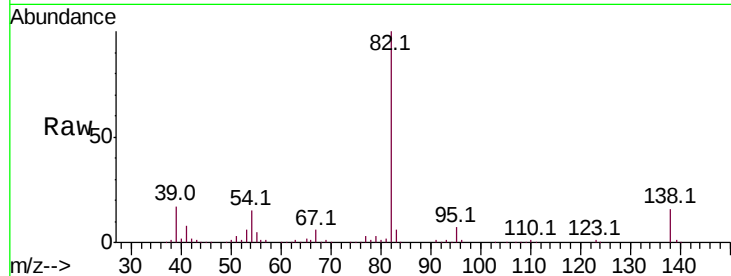
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	82	Resp:	424570
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.569 ng

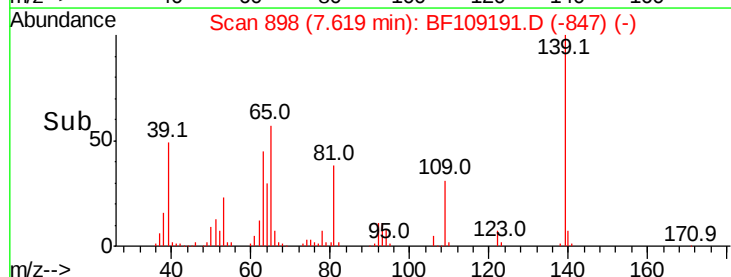
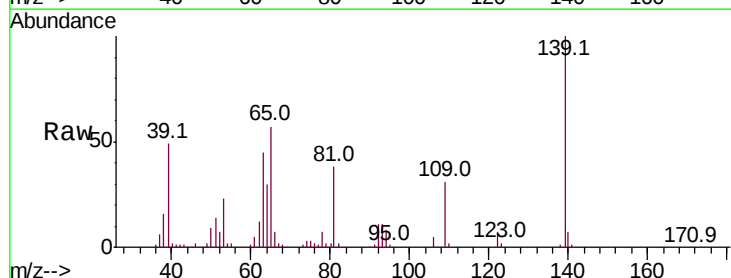
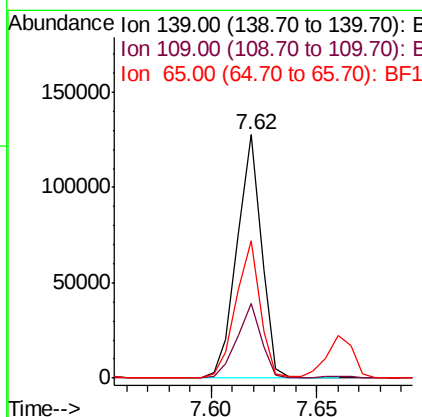
RT: 7.62 min Scan# 898

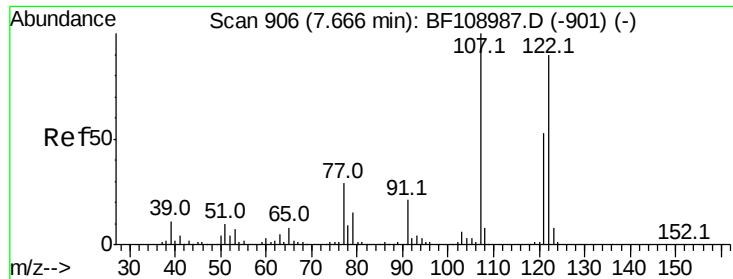
Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion:	139	Resp:	102438
Ion Ratio	Lower	Upper	
139	100		
109	30.7	22.7	34.1
65	56.7	40.5	60.7





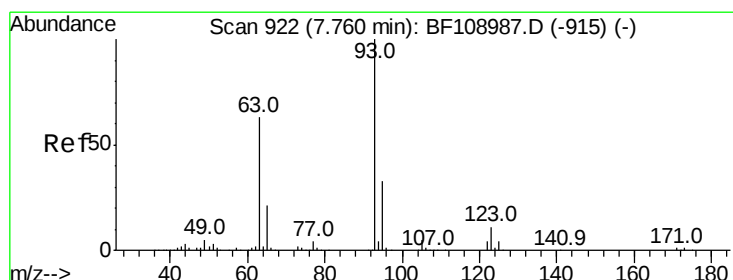
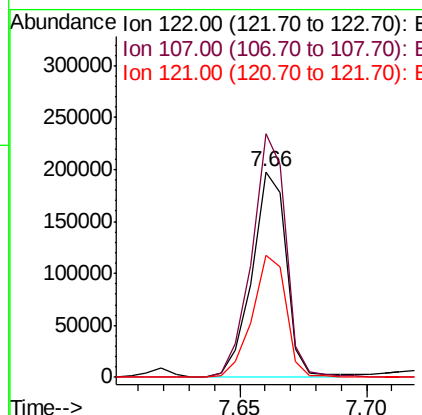
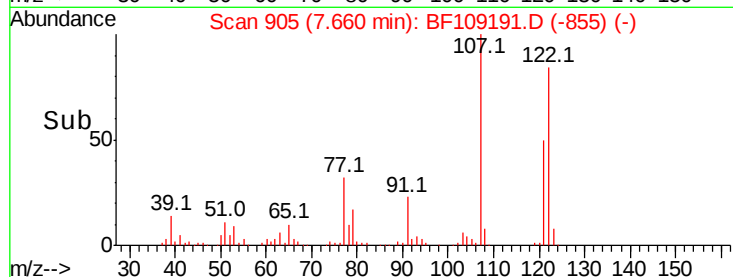
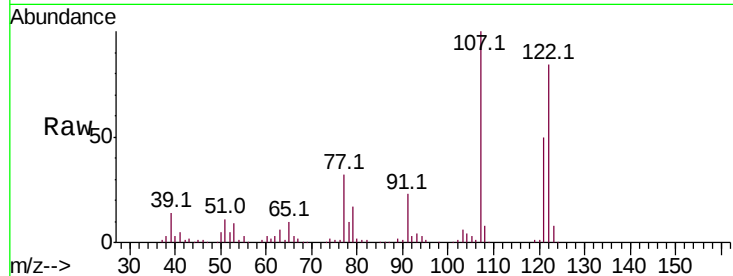
#27
2,4-Dimethylphenol
Concen: 34.501 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	91.2	136.8
121	59.7	47.2	70.8

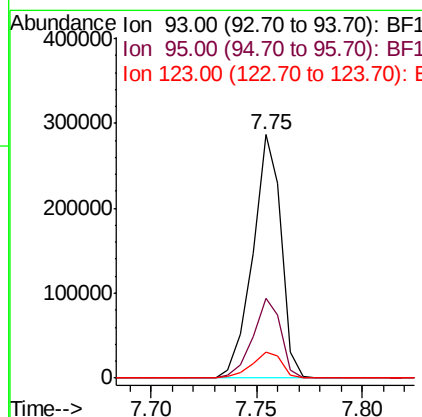
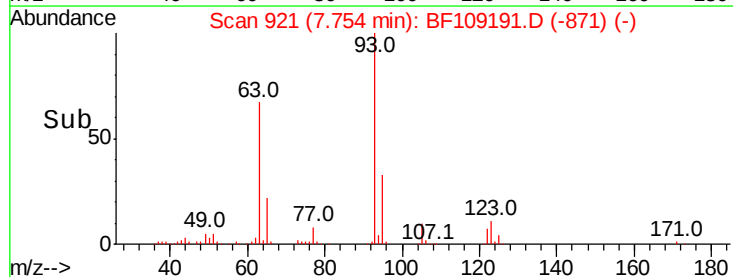
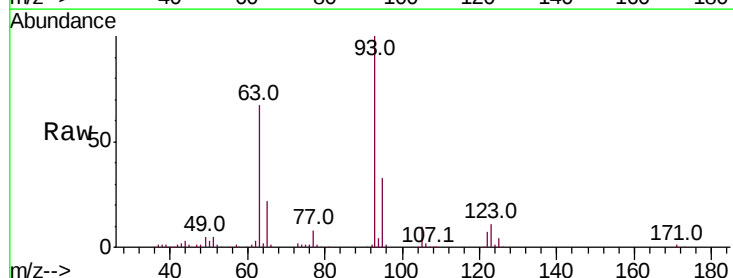
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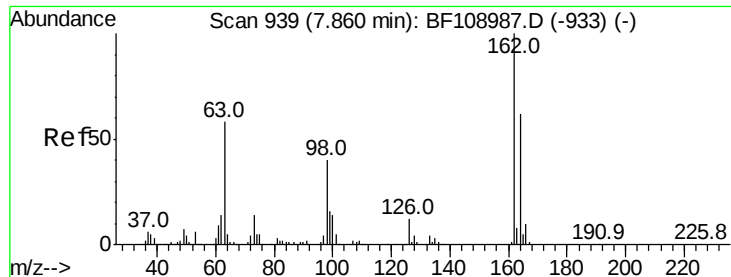
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#28
bis(2-Chloroethoxy)methane
Concen: 32.265 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.5	9.8	14.6





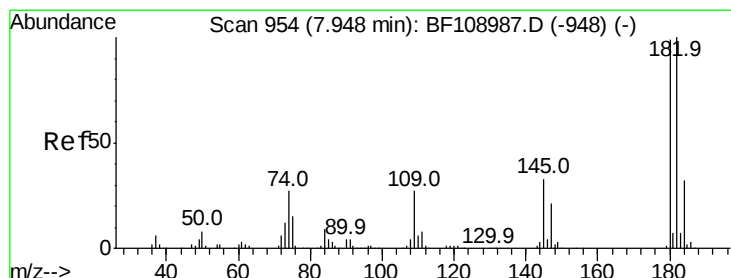
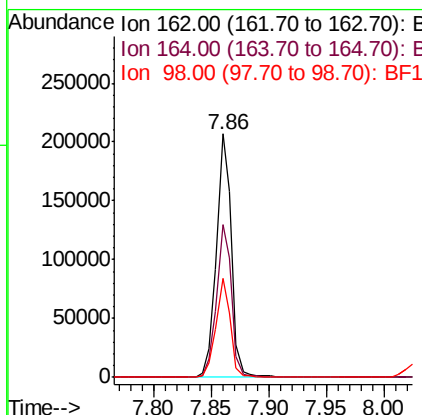
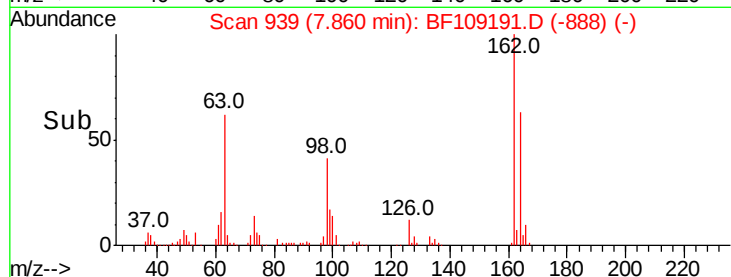
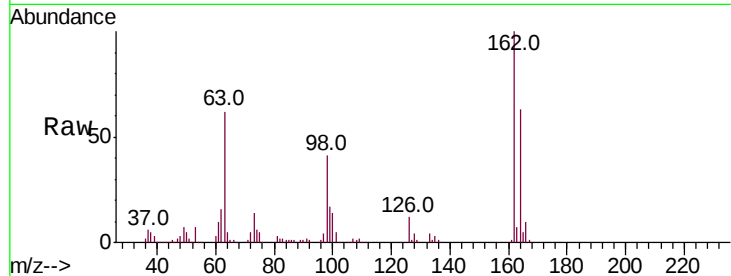
#29
2,4-Dichlorophenol
Concen: 32.222 ng
RT: 7.86 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	186601		
164	62.9	42.7	82.7	
98	40.5	18.1	58.1	

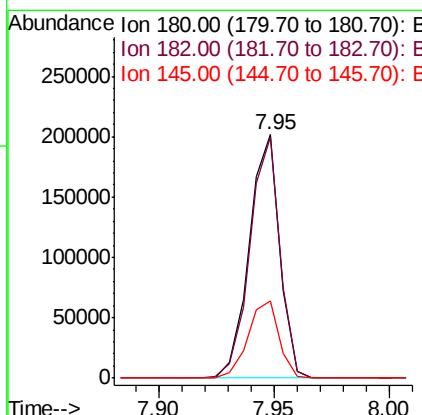
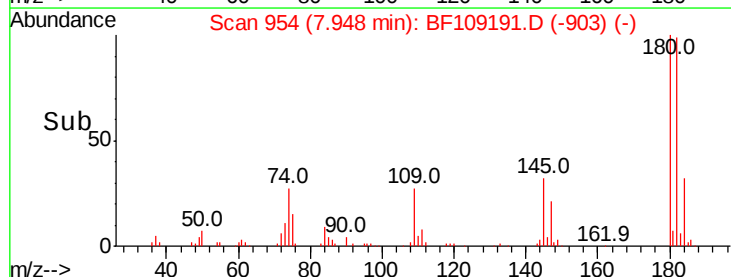
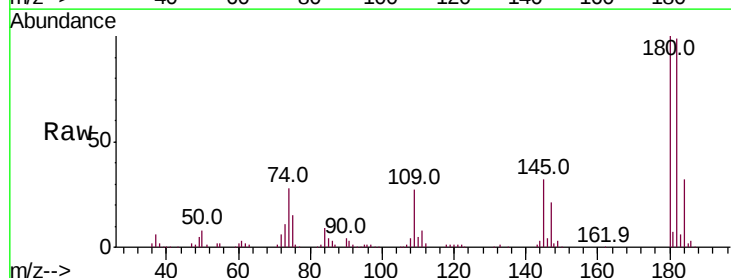
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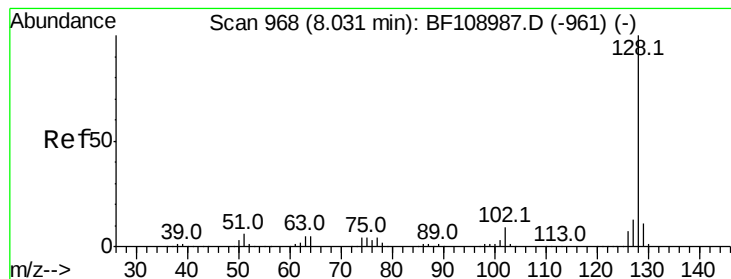
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#30
1,2,4-Trichlorobenzene
Concen: 29.658 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	185654		
182	98.8	76.8	115.2	
145	31.8	26.5	39.7	





#31

Naphthalene

Concen: 33.094 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

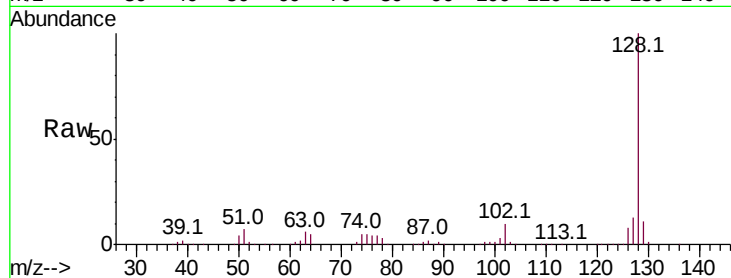
ClientSampleId :

FK-GF-02-026-BMSD

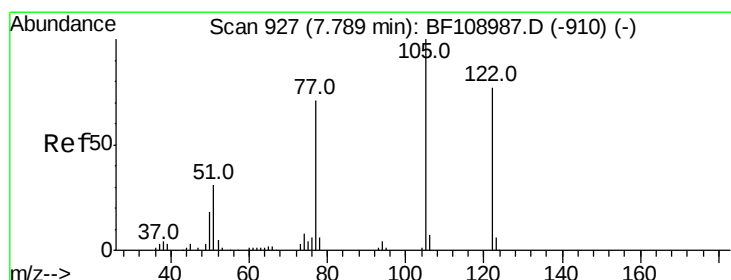
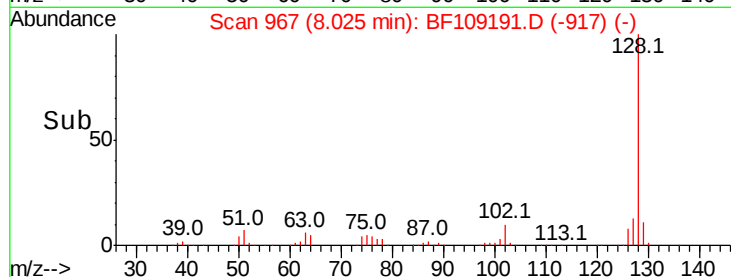
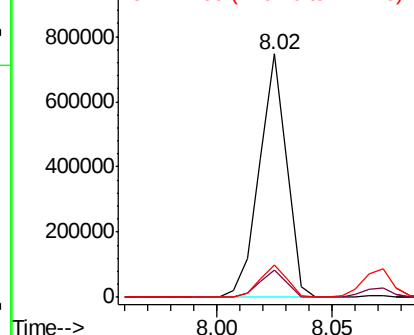
Tot Ion:	128	Resp:	619960
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

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



#32

Benzoic acid

Concen: 13.278 ng

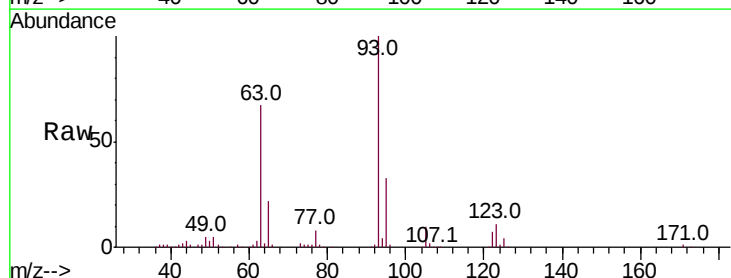
RT: 7.75 min Scan# 921

Delta R.T. -0.03 min

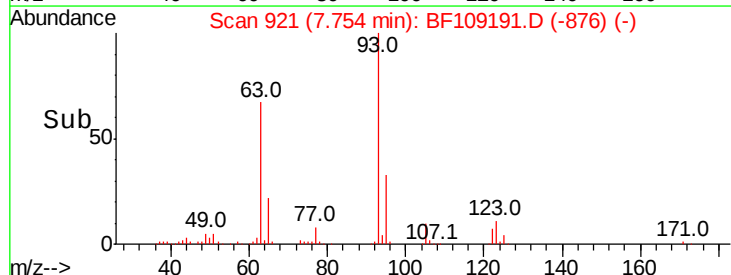
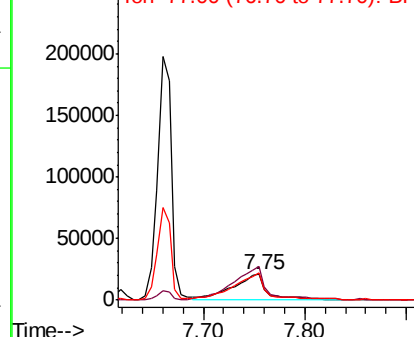
Lab File: BF109191.D

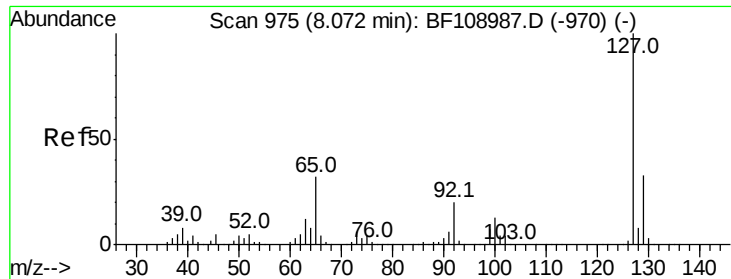
Acq: 20 Sep 2018 19:32

Tgt Ion:	122	Resp:	47150
Ion Ratio	Lower	Upper	
122	100		
105	134.2	101.1	141.1
77	108.5	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





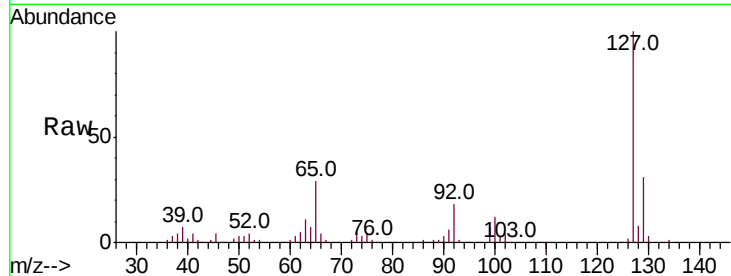
#33
4-Chloroaniline
Concen: 10.130 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

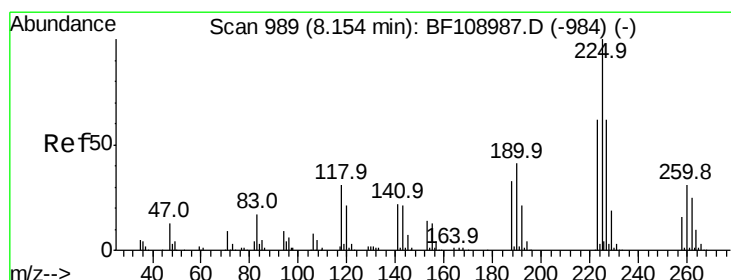
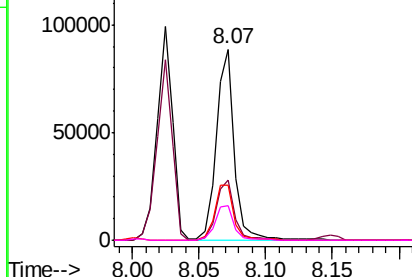
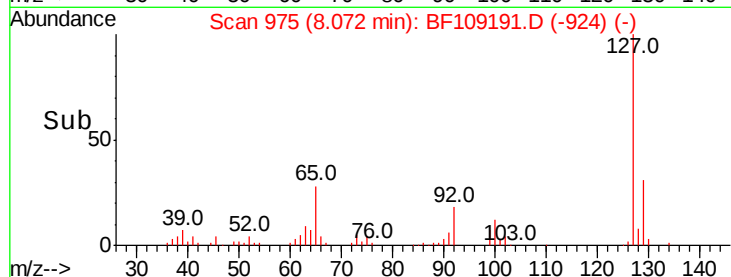
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.9	38.9		
65	28.9	25.0	37.4		
92	18.1	15.2	22.8		

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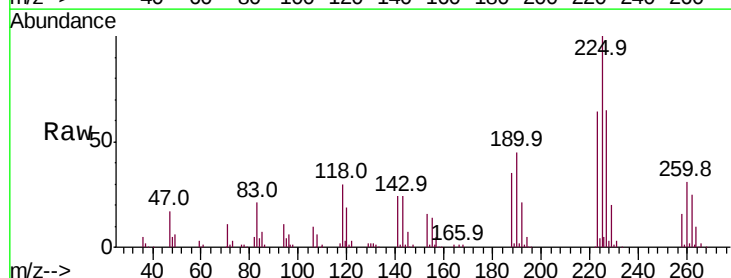


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

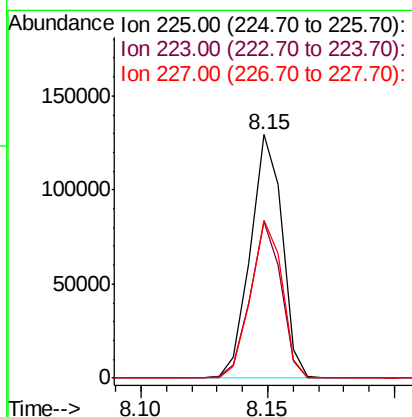
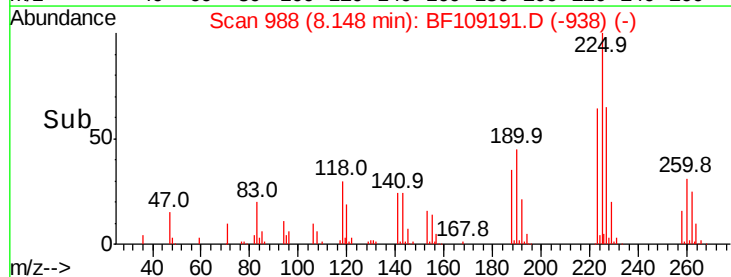


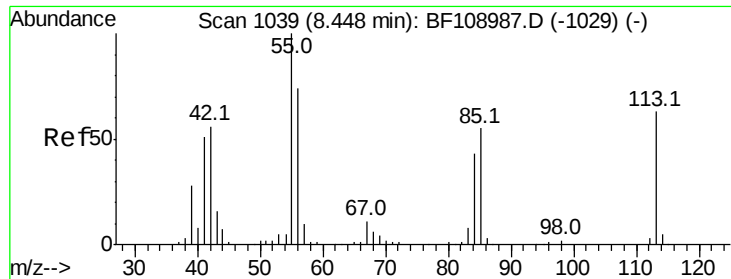
#34
Hexachlorobutadiene
Concen: 29.713 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	50.6	76.0		
227	64.7	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





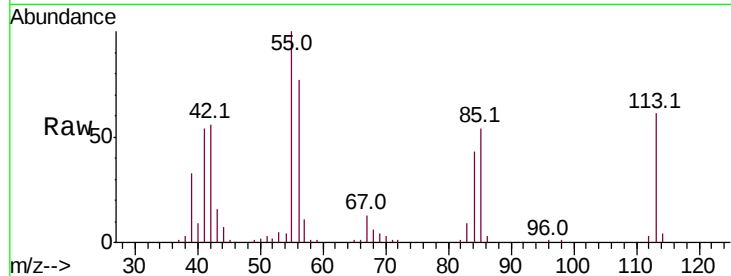
#35
 Caprolactam
 Concen: 31.857 ng/ml
 RT: 8.43 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

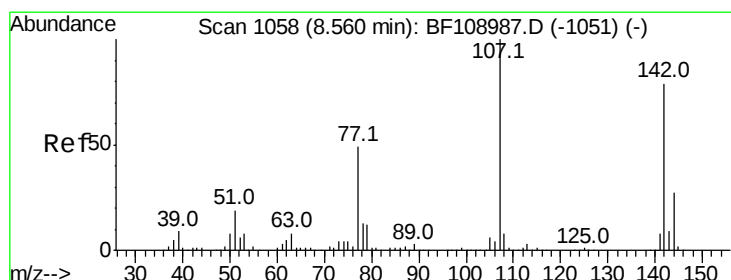
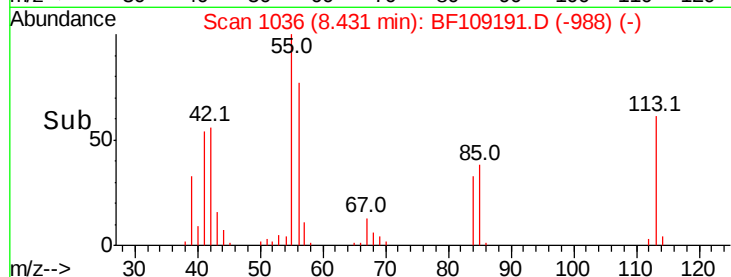
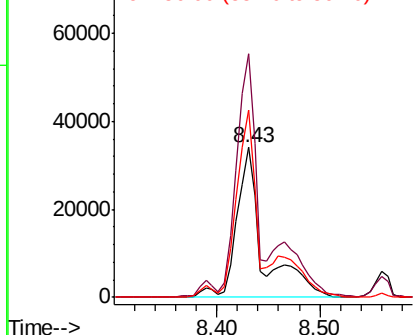
Tot Ion:113 Resp: 60146
 Ion Ratio Lower Upper
 113 100
 55 162.7 163.3 203.3#
 56 125.3 115.7 155.7

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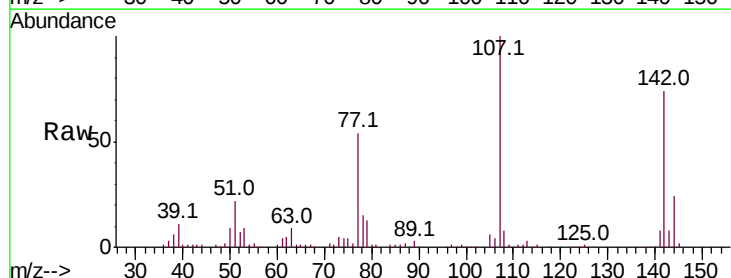


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

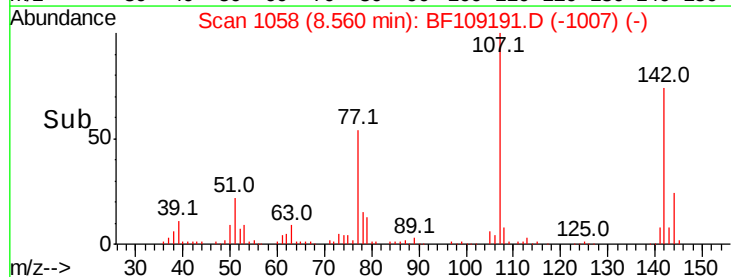
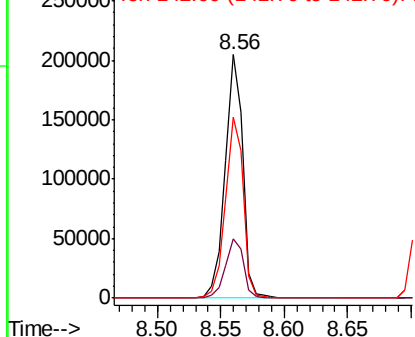


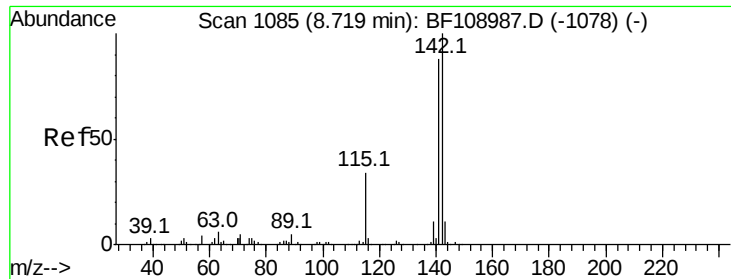
#36
 4-Chloro-3-methylphenol
 Concen: 32.381 ng/ml
 RT: 8.56 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion:107 Resp: 197403
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.5 30.7
 142 74.2 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





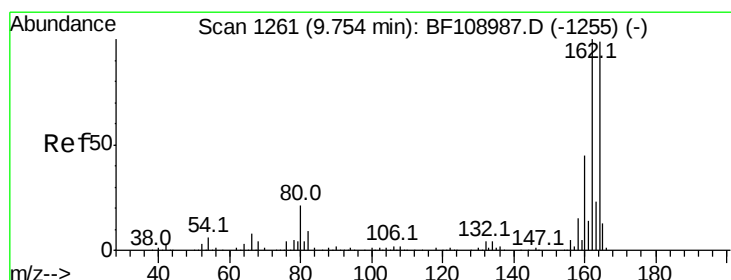
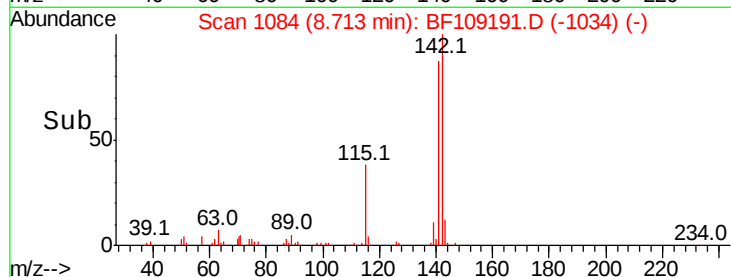
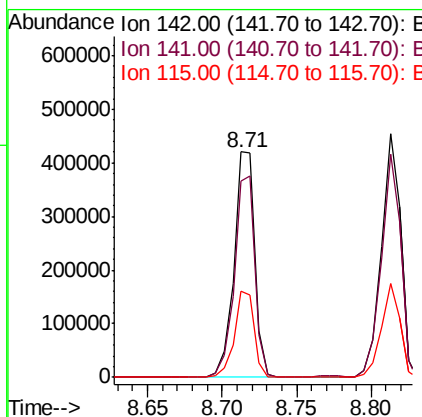
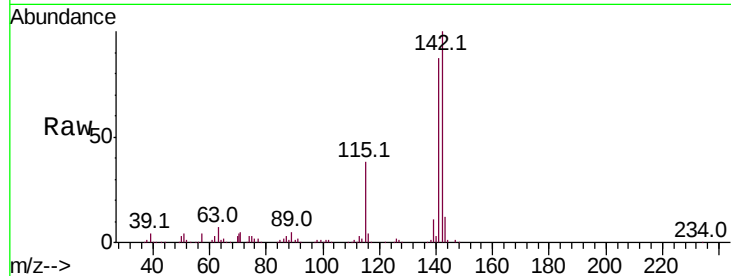
#37
2-Methylnaphthalene
Concen: 33.748 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	38.0	26.1	39.1

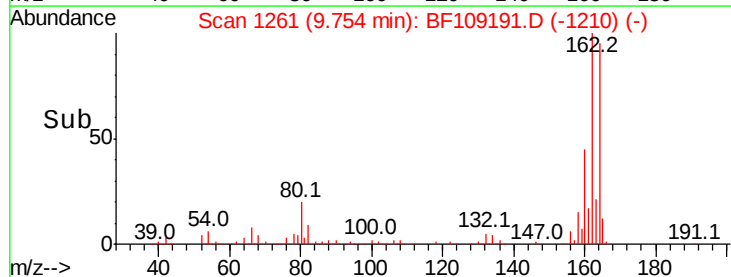
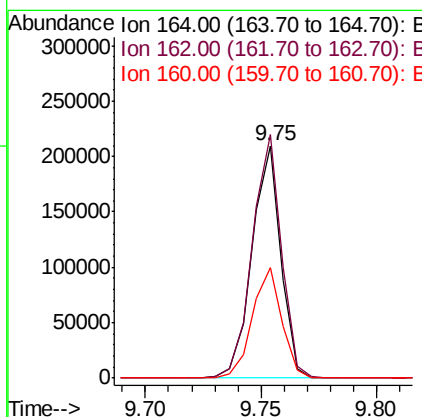
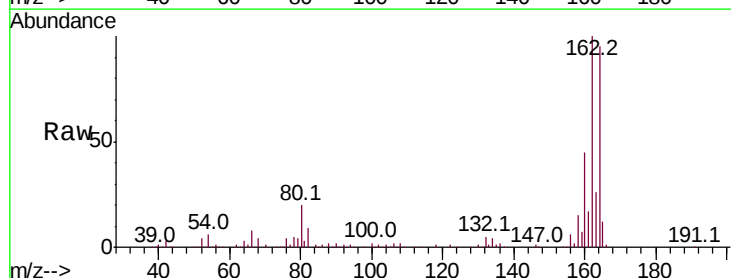
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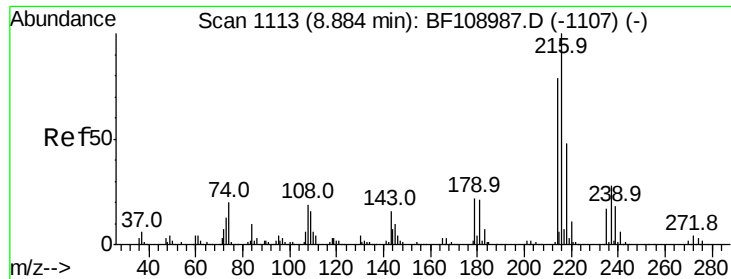
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.5	38.3	57.5





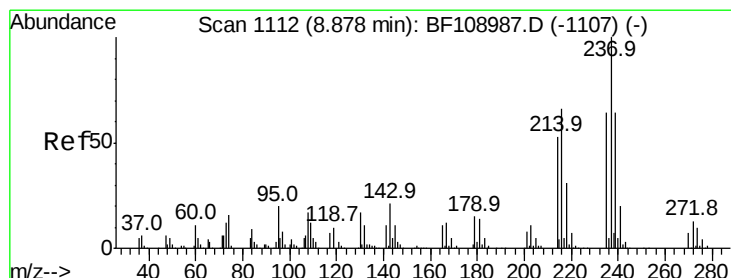
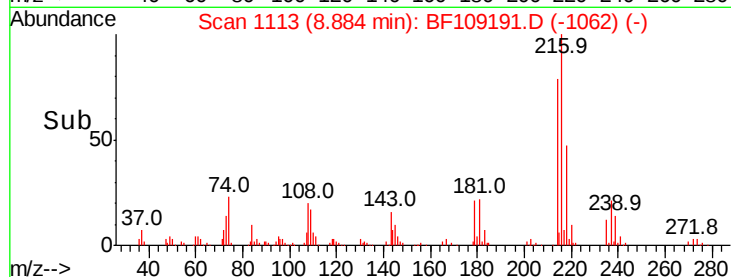
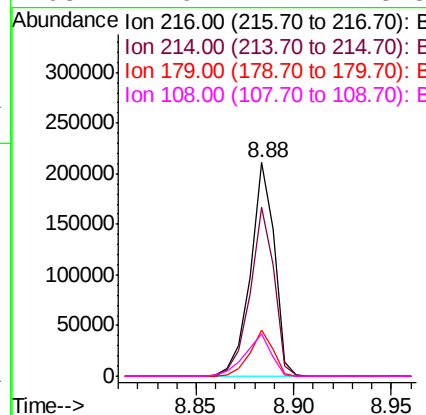
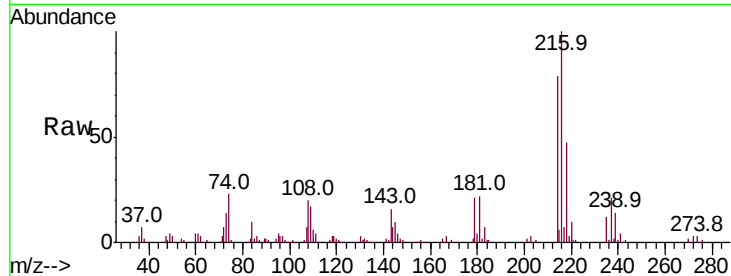
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.277 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	179609		
214	78.6	63.0	94.4	
179	20.9	18.1	27.1	
108	21.6	17.2	25.8	

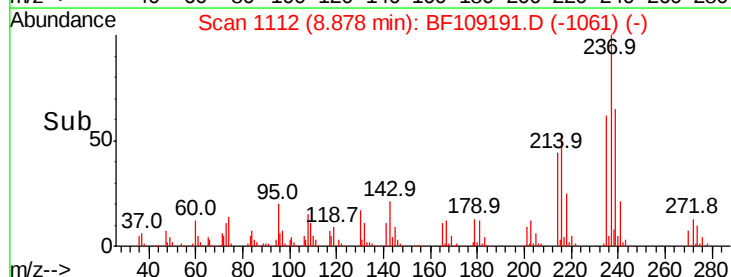
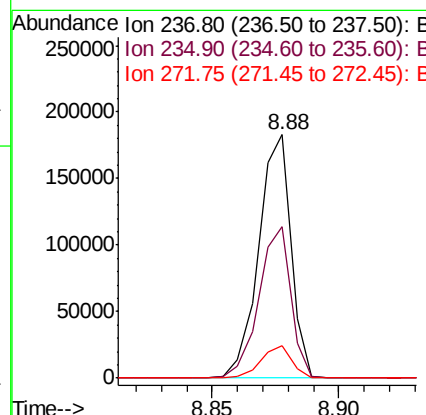
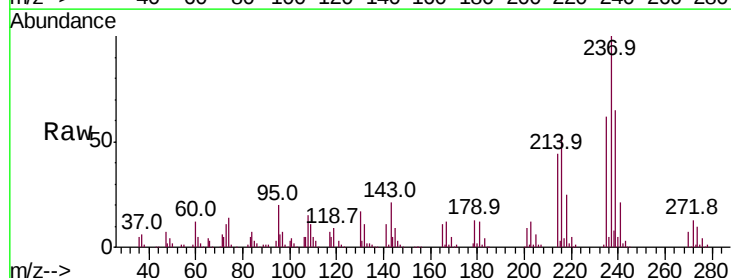
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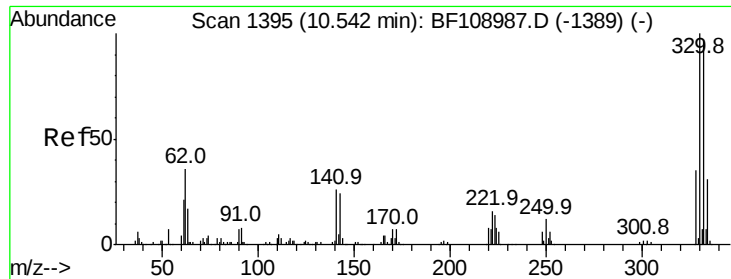
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#40
 Hexachlorocyclopentadiene
 Concen: 56.408 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	163205		
235	62.4	44.8	84.8	
272	13.3	0.0	33.3	





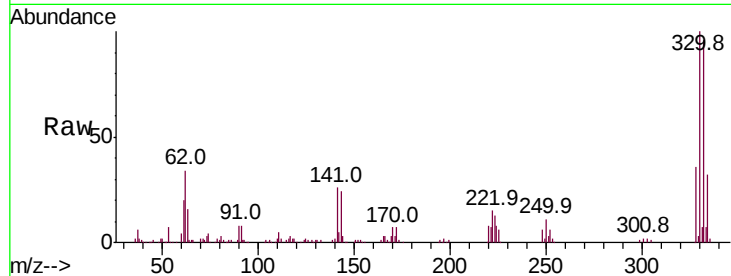
#41
 2,4,6-Tribromophenol
 Concen: 94.751 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

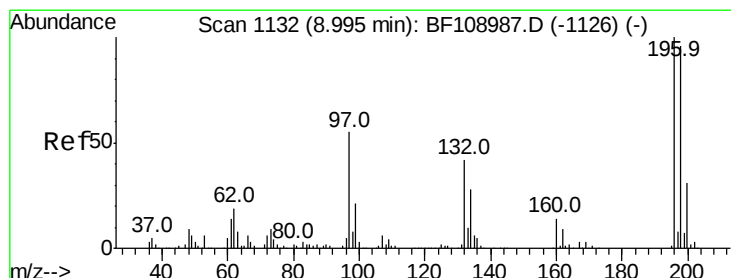
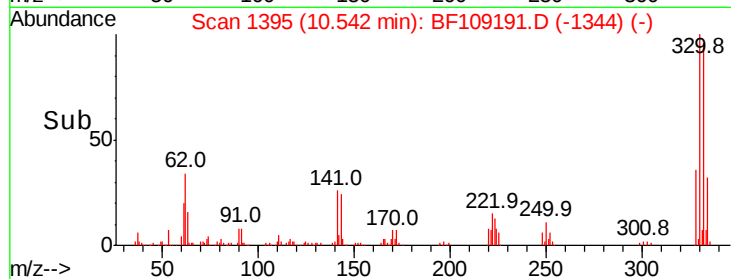
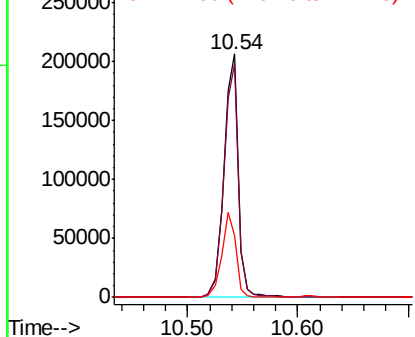
Tot Ion	Ratio	Resp	Lower	Upper
330	100	187615		
332	96.5	77.0	115.6	
141	34.3	29.9	44.9	

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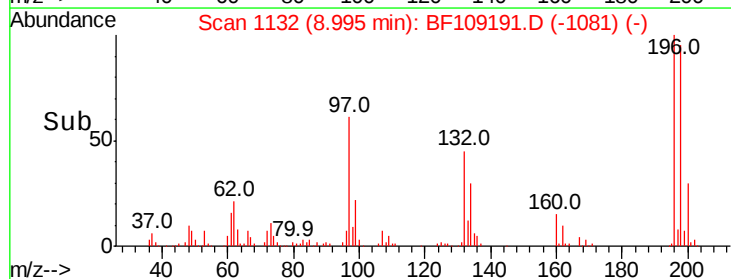
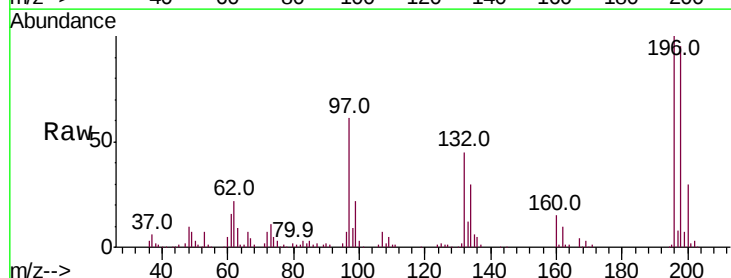
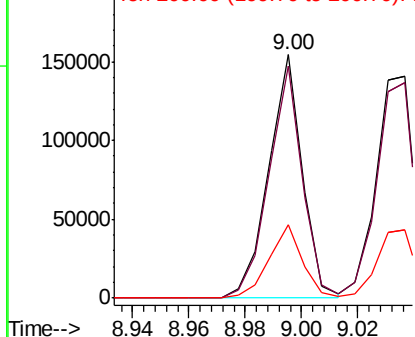
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.090 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127723		
198	95.2	75.7	113.5	
200	30.1	24.5	36.7	

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





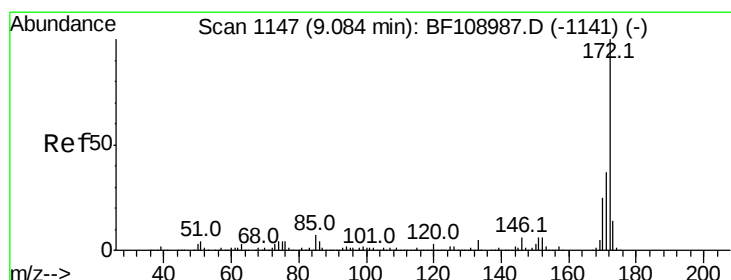
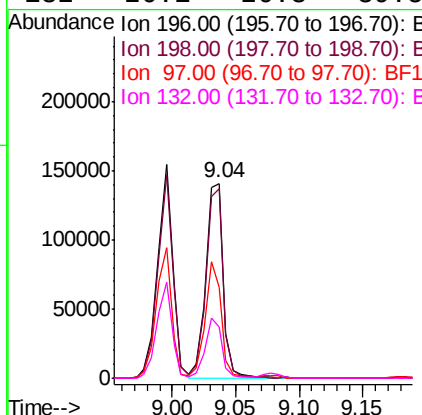
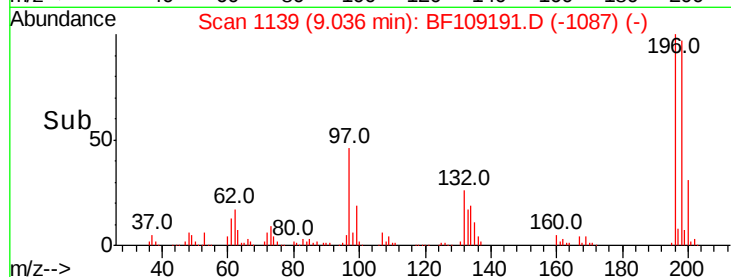
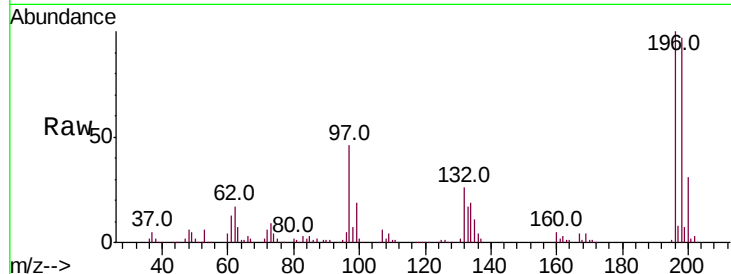
#43
 2,4,5-Trichlorophenol
 Concen: 33.877 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	136643		
198	97.2	74.6	112.0	
97	46.5	42.9	64.3	
132	26.1	26.3	39.5	

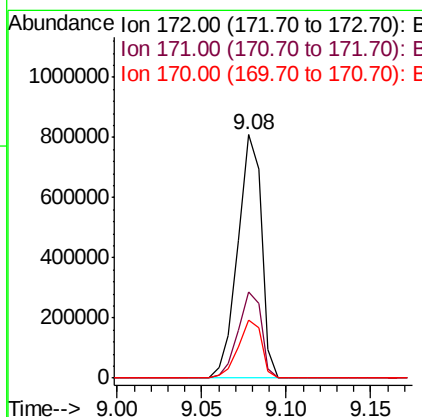
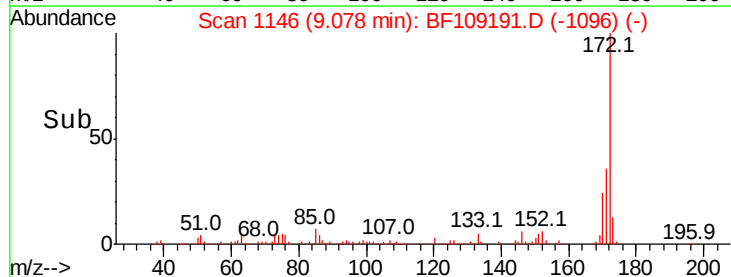
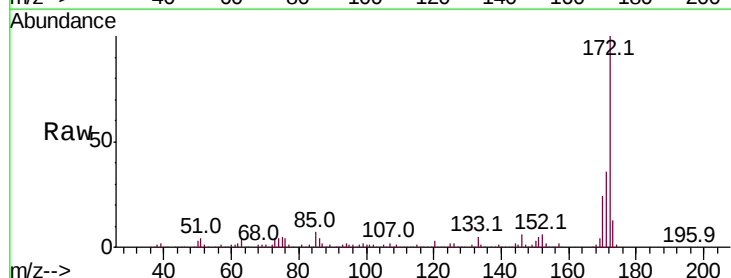
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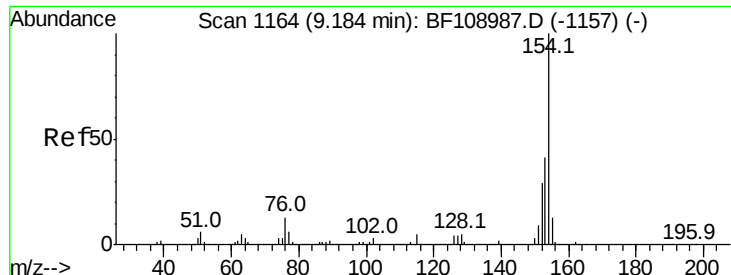
Sohil
 9/21/2018 10:37:56 AM



#44
 2-Fluorobiphenyl
 Concen: 67.927 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	791032		
171	35.6	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 33.512 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

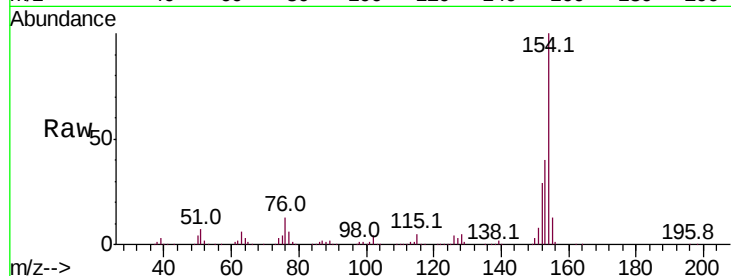
FK-GF-02-026-BMSD

Tot Ion:	154	Resp:	489164
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	13.5	0.0	34.0

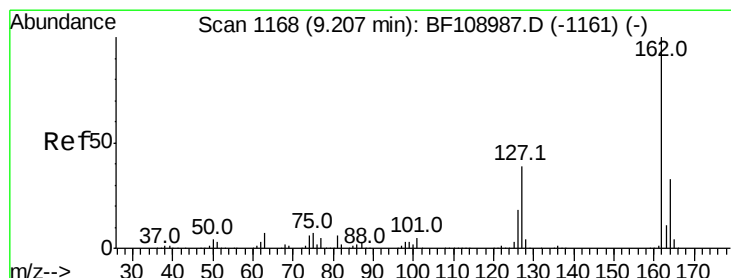
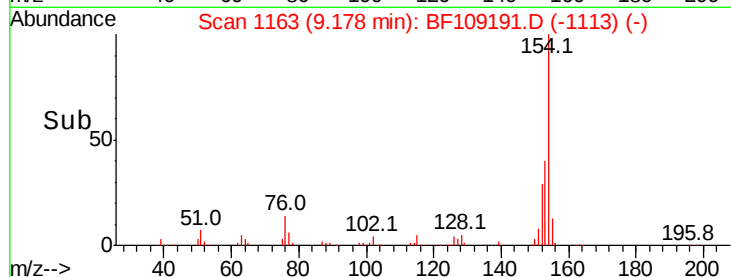
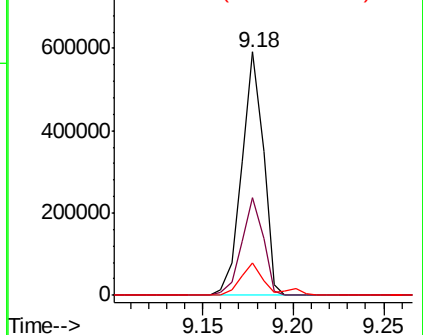
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 30.781 ng

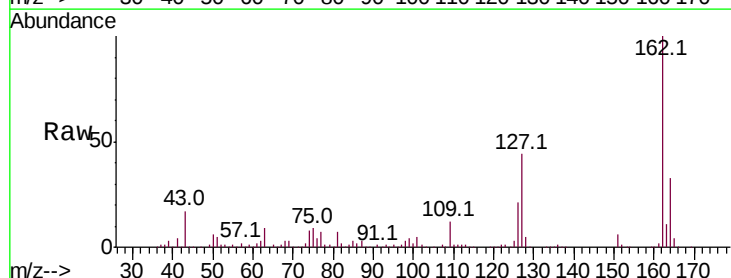
RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

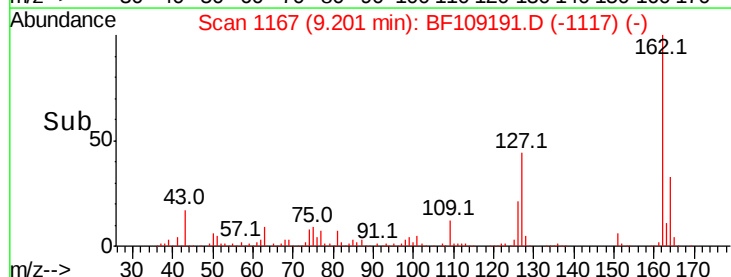
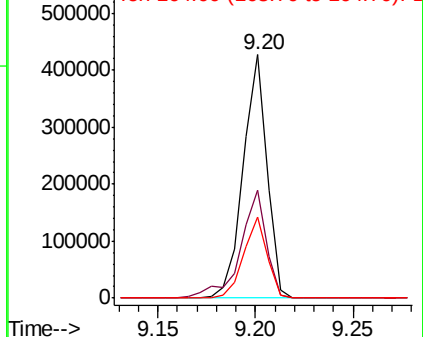
Lab File: BF109191.D

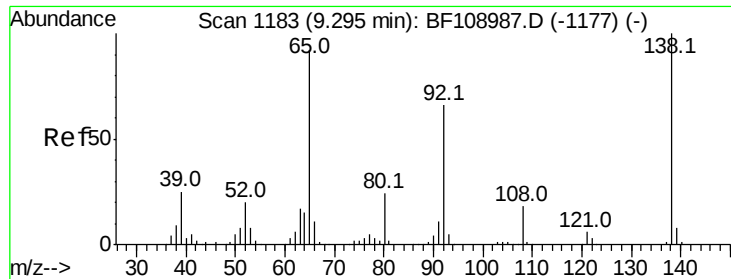
Acq: 20 Sep 2018 19:32

Tgt Ion:	162	Resp:	359832
Ion Ratio	Lower	Upper	
162	100		
127	44.3	33.9	50.9
164	33.2	26.5	39.7



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





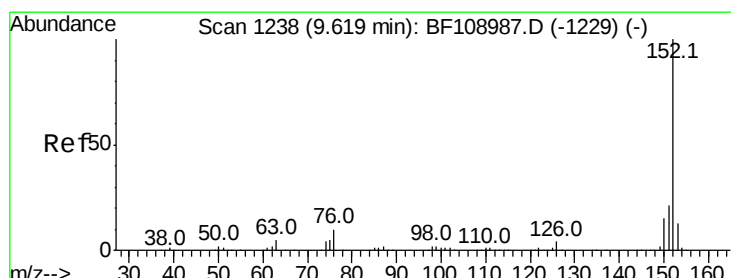
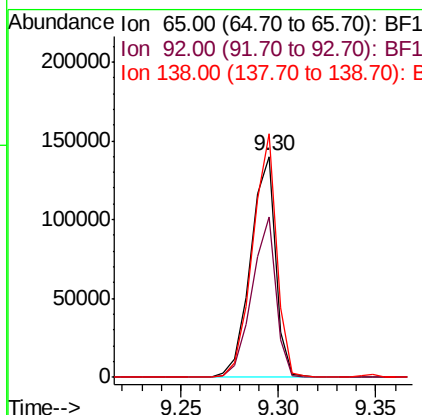
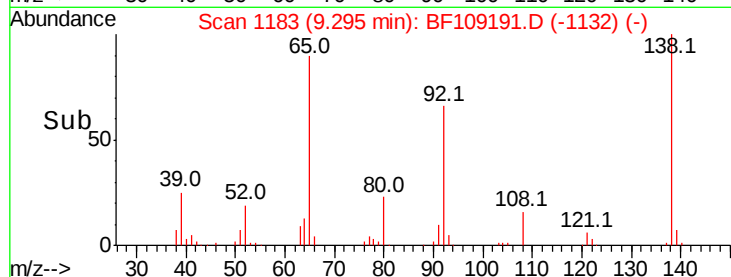
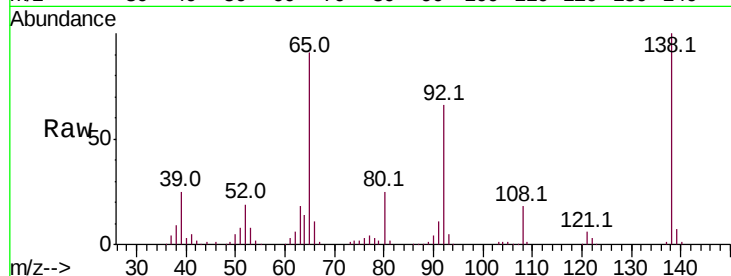
#47
 2-Nitroaniline
 Concen: 34.660 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion:	65	Resp:	124563
Ion Ratio	Lower	Upper	
65	100		
92	72.8	55.8	83.6
138	110.3	91.2	136.8

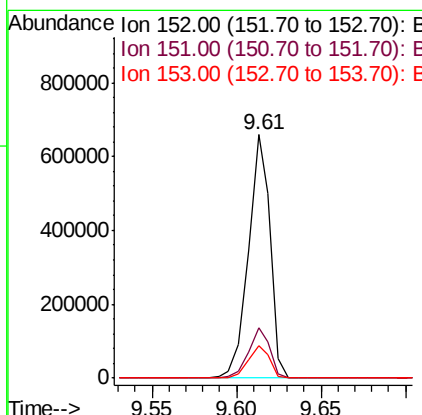
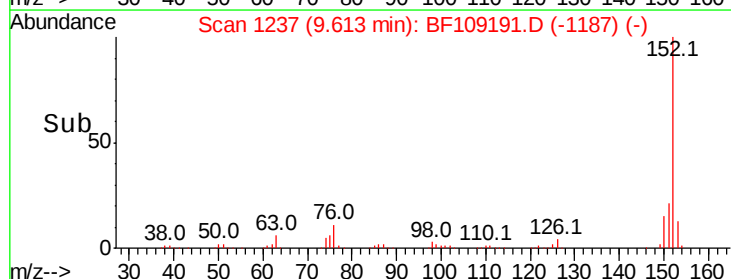
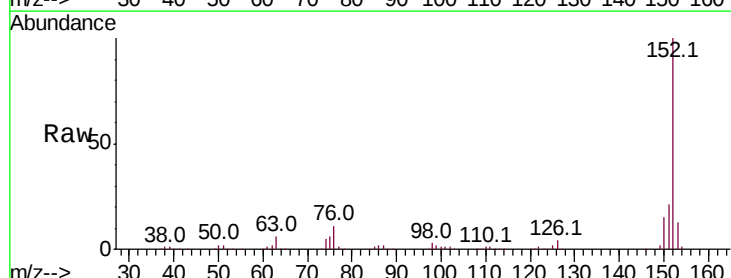
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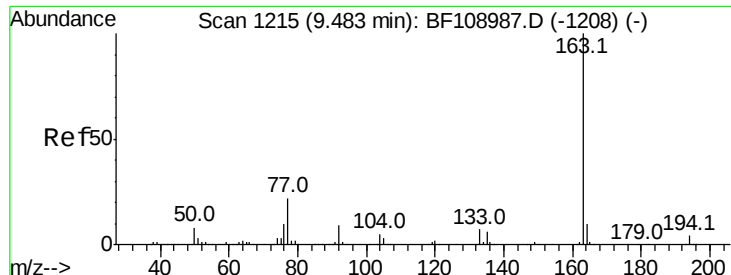
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#48
 Acenaphthylene
 Concen: 33.500 ng
 RT: 9.61 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion:	152	Resp:	590446
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





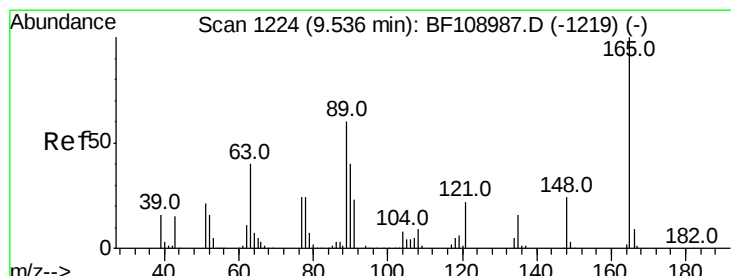
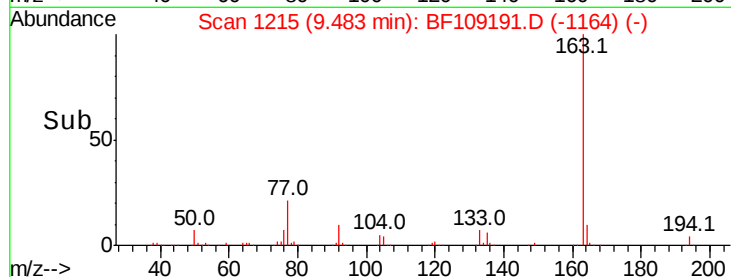
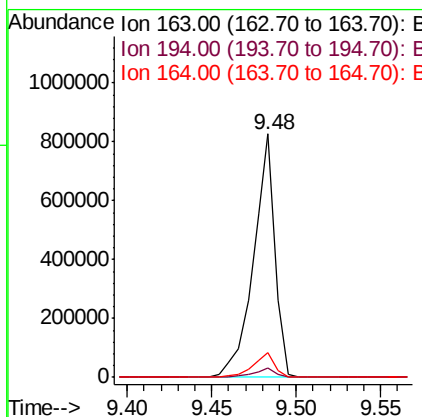
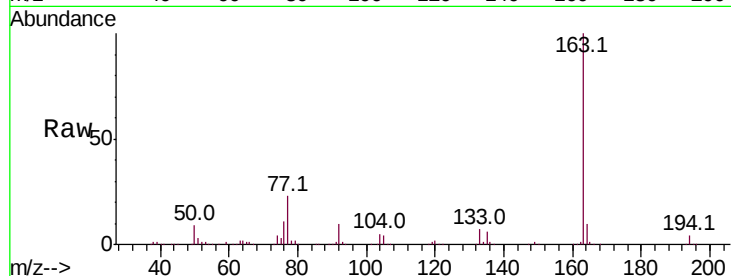
#49
Dimethylphthalate
Concen: 56.347 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	734787		
194	3.8		2.7	4.1
164	10.2		8.2	12.2

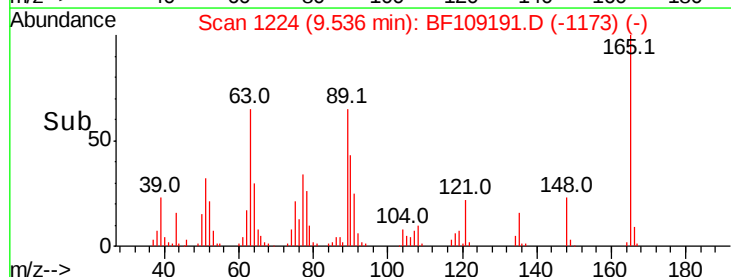
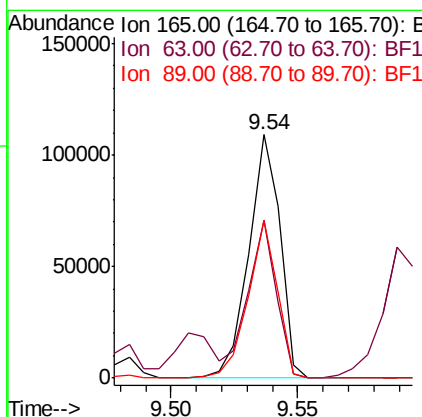
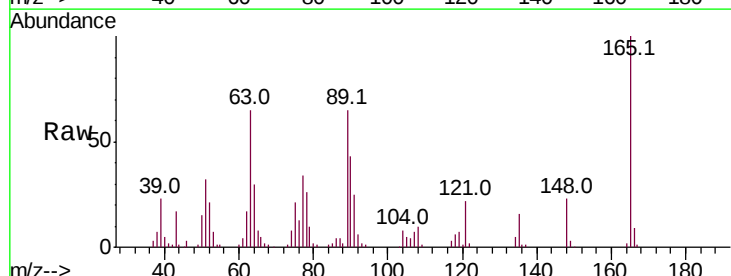
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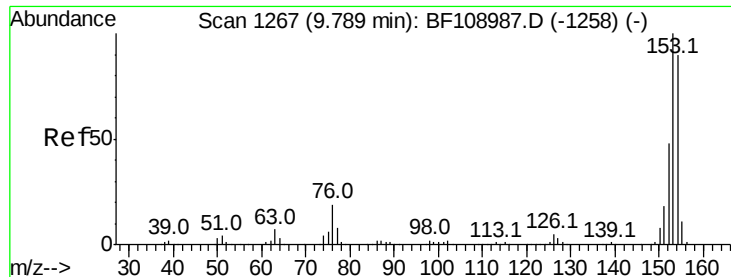
Sohil
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#50
2,6-Dinitrotoluene
Concen: 32.483 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	93938		
63	64.8		44.7	67.1
89	64.9		44.0	66.0





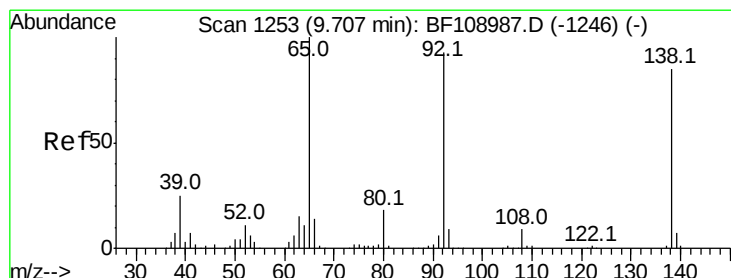
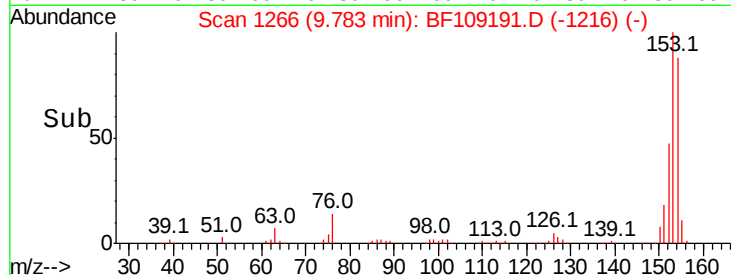
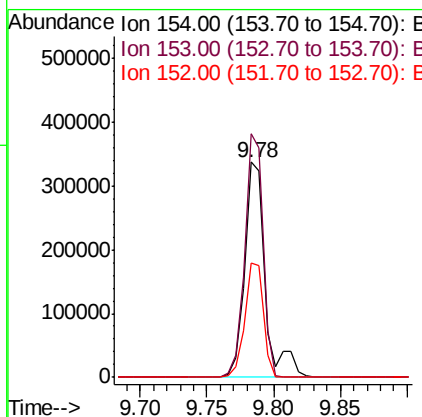
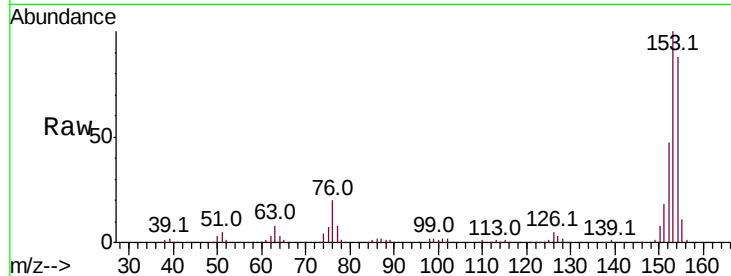
#51
Acenaphthene
Concen: 32.827 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	53.2	43.8	65.8

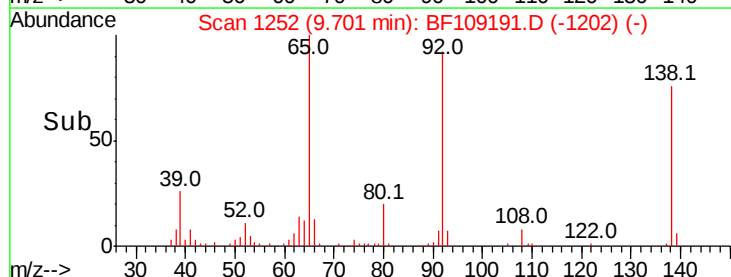
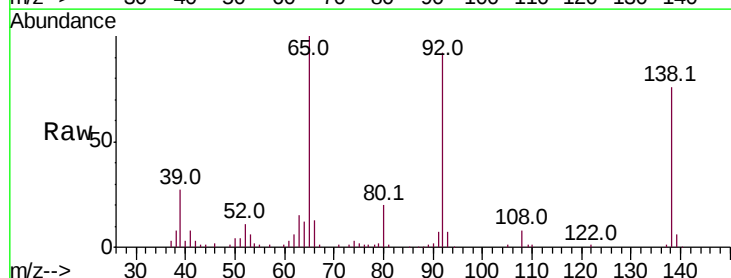
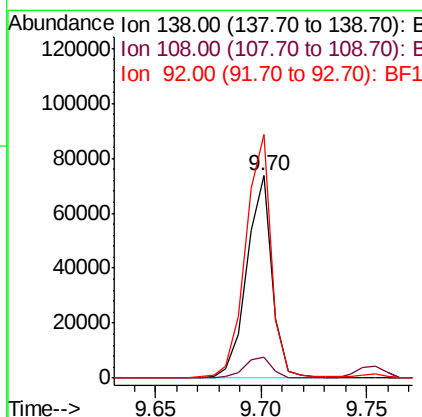
Manual Integrations
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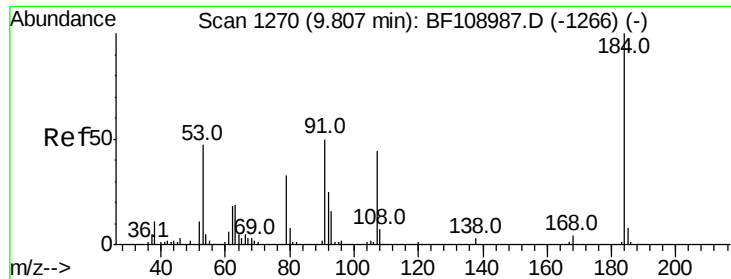
Sohil
9/21/2018 10:37:56 AM



#52
3-Nitroaniline
Concen: 17.875 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	120.5	89.4	134.2





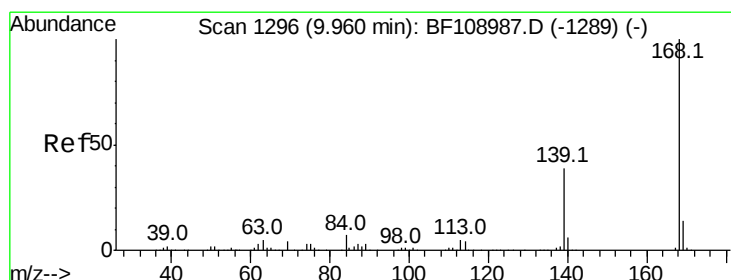
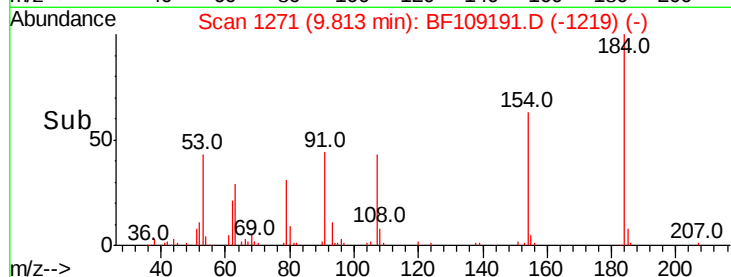
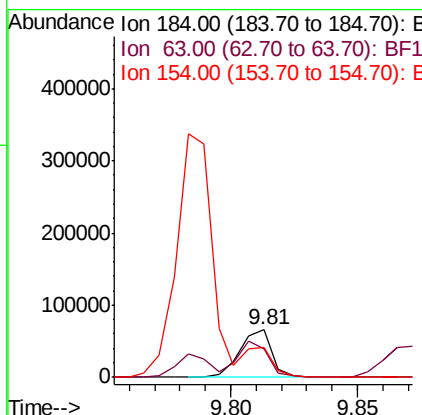
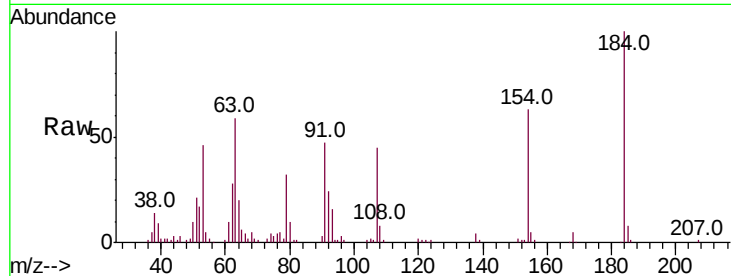
#53
 2,4-Dinitrophenol
 Concen: 52.083 ng
 RT: 9.81 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.5	54.2	81.2
154	62.6	184.0	276.0#

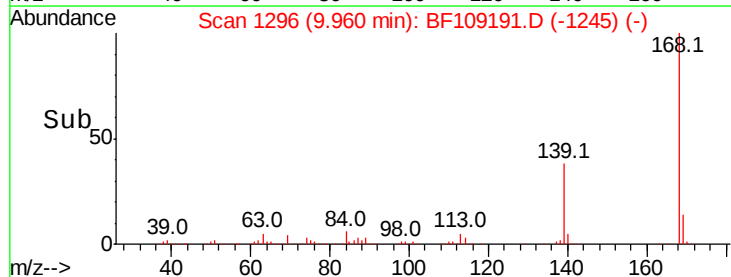
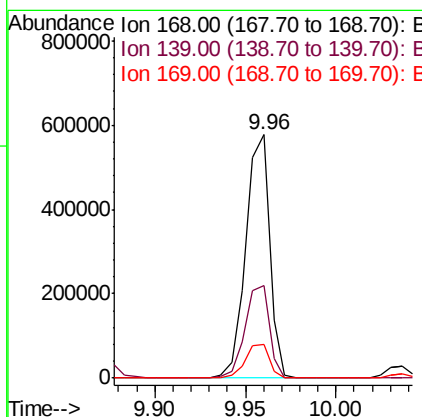
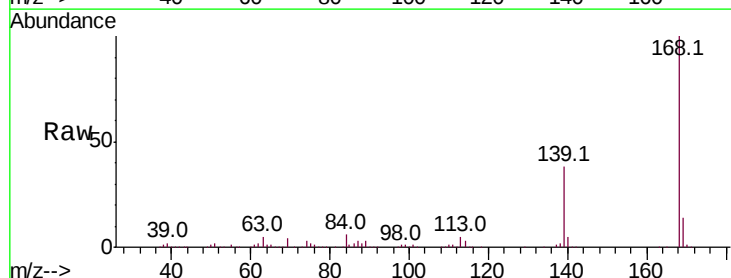
Manual Integrations
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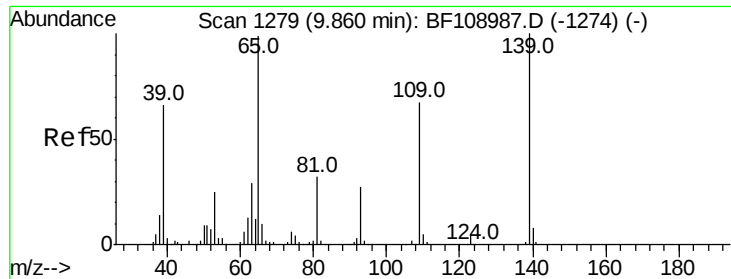
Sohil
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#54
 Dibenzofuran
 Concen: 33.371 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	13.9	10.9	16.3





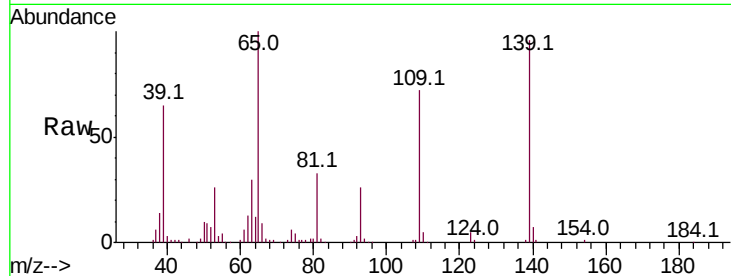
#55
4-Nitrophenol
Concen: 57.373 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.8	48.4	88.4
65	104.5	72.6	112.6

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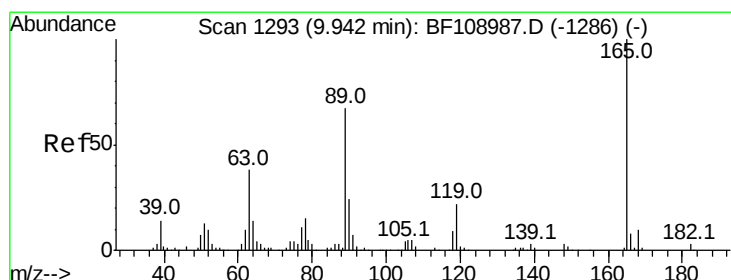
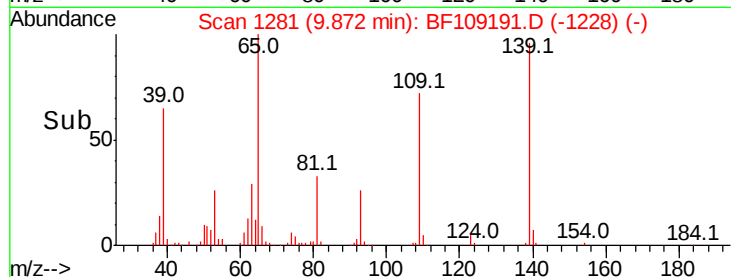
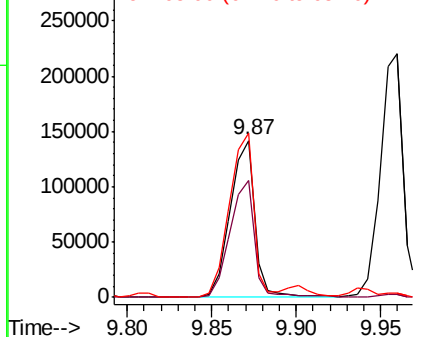


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 34.417 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.7	36.4	54.6
89	67.9	57.8	86.6
182	2.6	1.6	2.4#

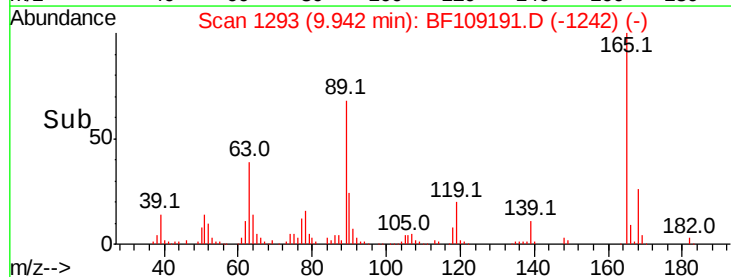
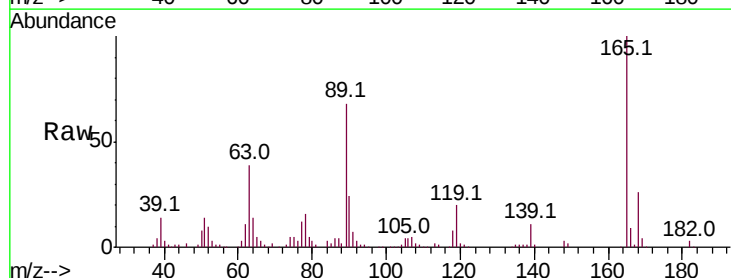
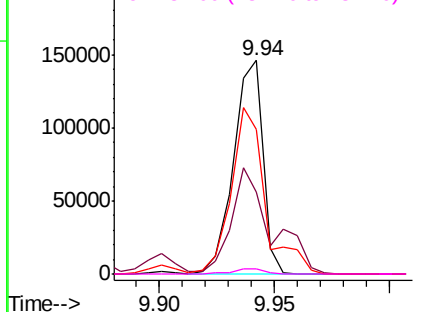
Abundance

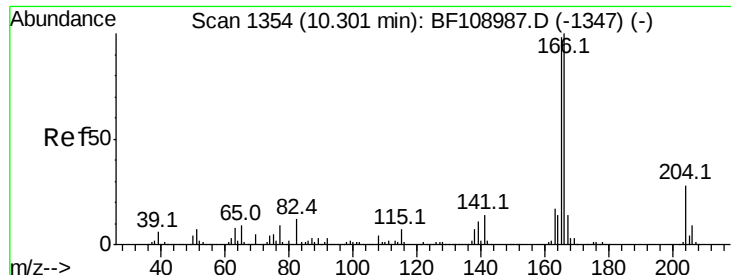
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.723 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

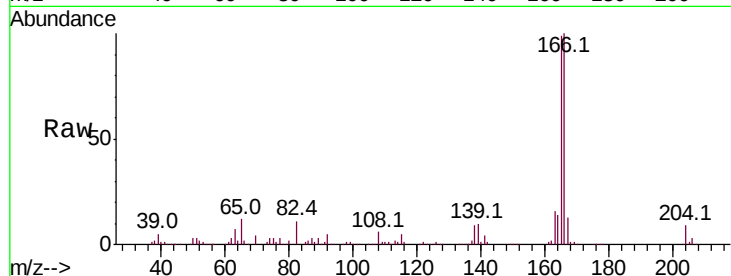
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	166	Resp:	388127
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	12.9	10.6	16.0

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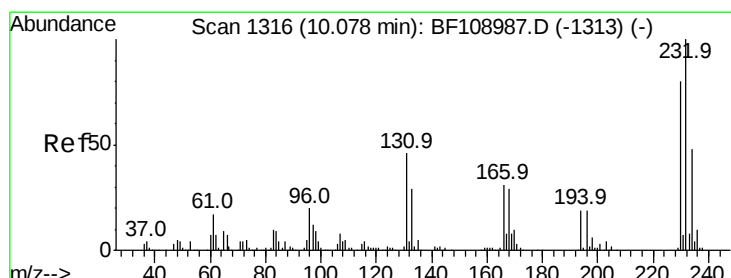
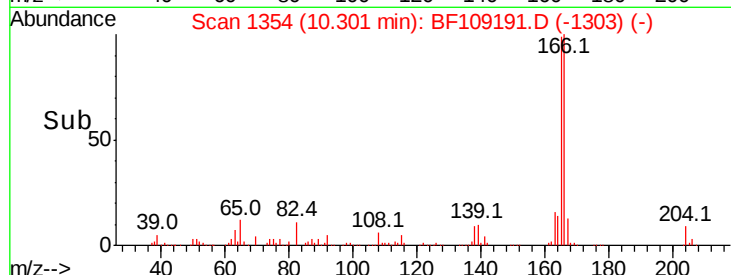
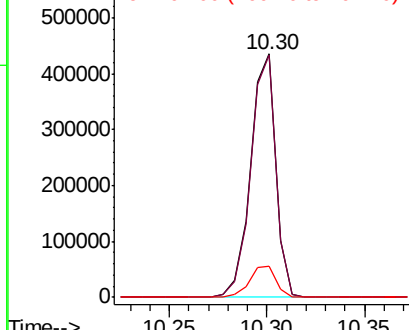


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.596 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion:	232	Resp:	105527
Ion Ratio	Lower	Upper	
232	100		
131	49.5	43.8	65.8
130	2.4	2.1	3.1
166	32.2	27.8	41.6

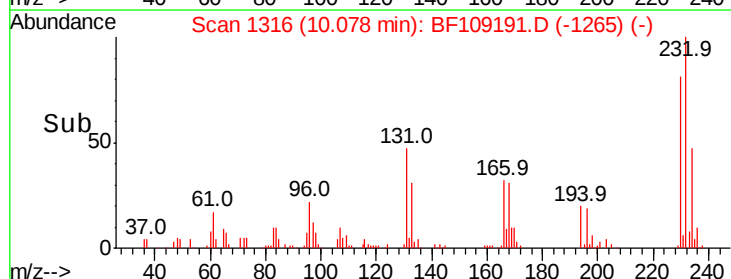
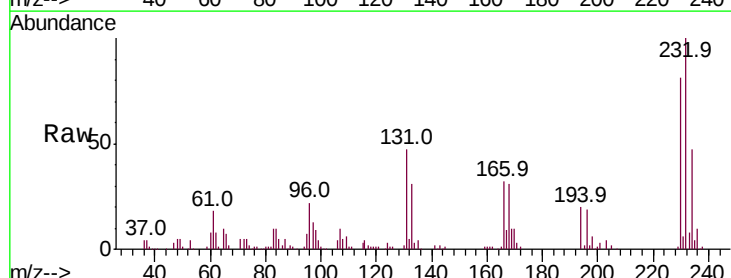
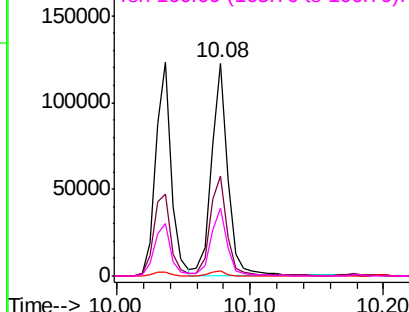
Abundance

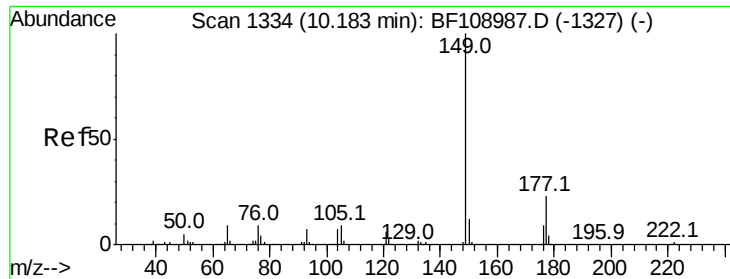
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





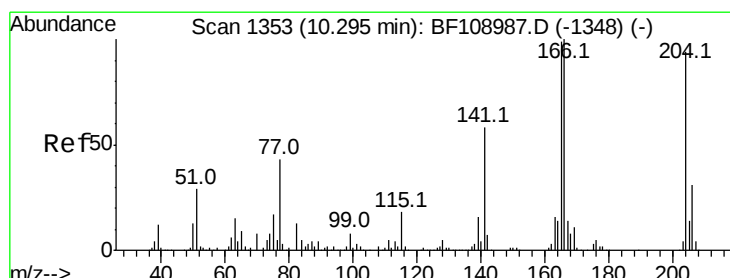
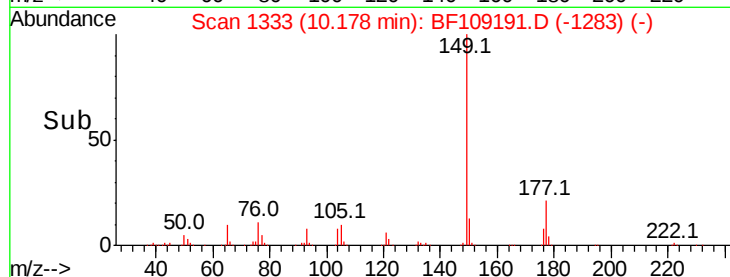
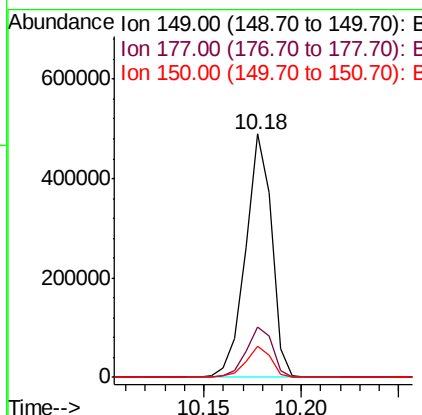
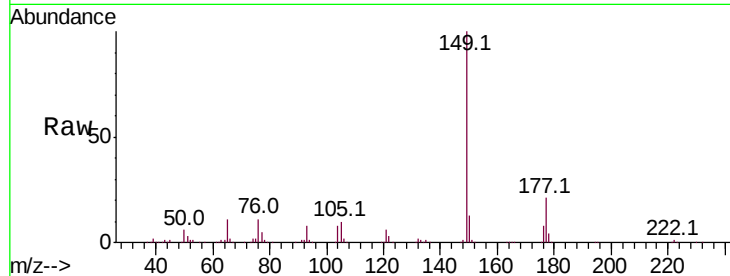
#59
Diethylphthalate
Concen: 34.438 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	453500		
177	20.9	16.1	24.1	
150	12.8	10.1	15.1	

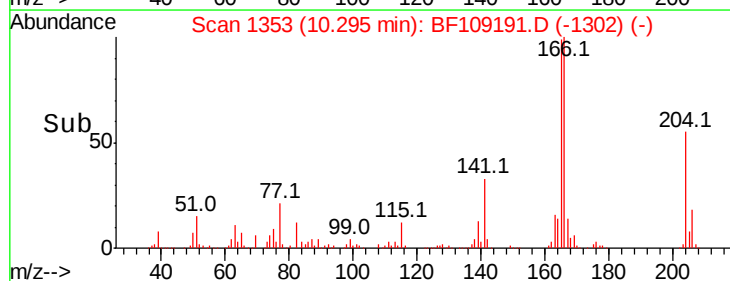
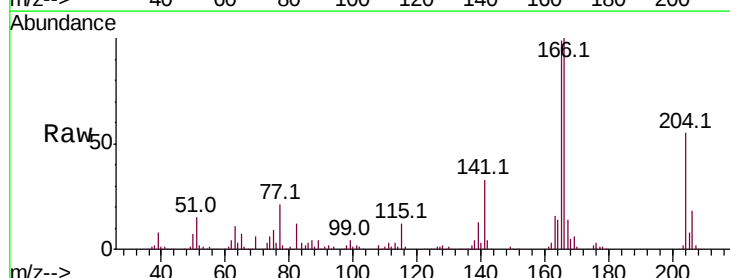
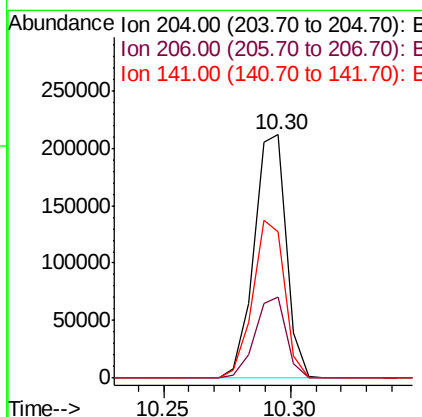
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#60
4-Chlorophenyl-phenylether
Concen: 33.156 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	187647		
206	33.2	26.5	39.7	
141	59.9	54.6	81.8	





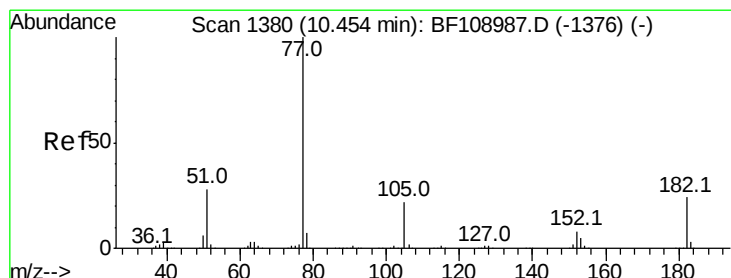
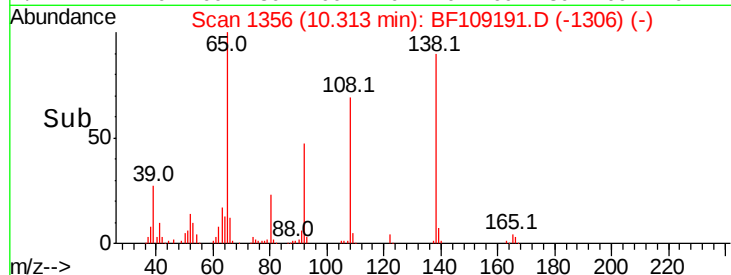
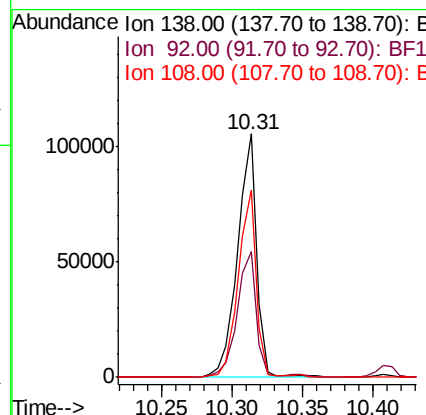
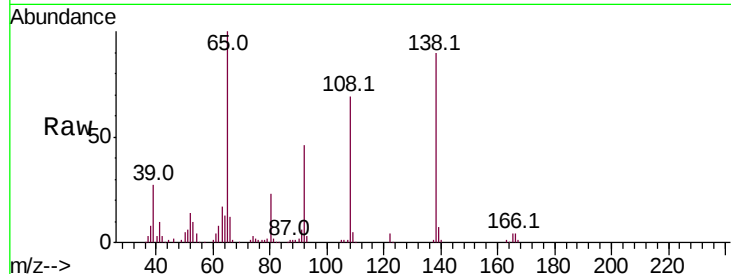
#61
4-Nitroaniline
Concen: 30.972 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.6	30.2	70.2
108	76.7	52.5	92.5

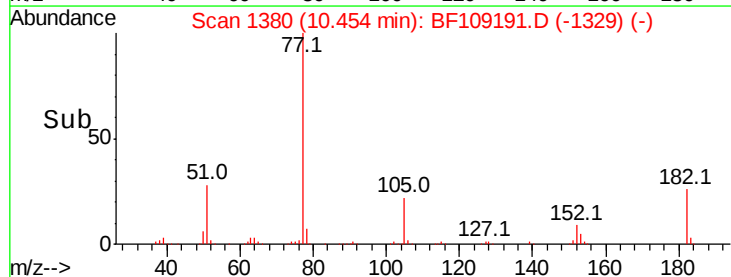
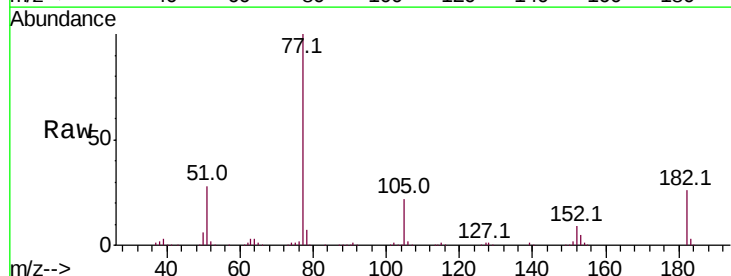
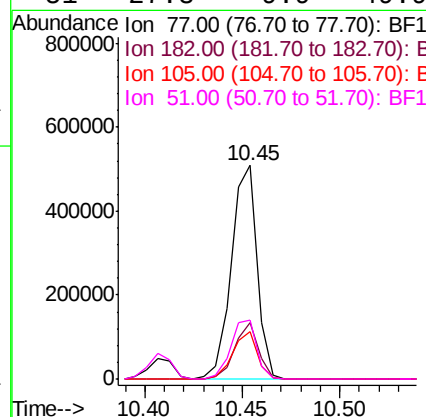
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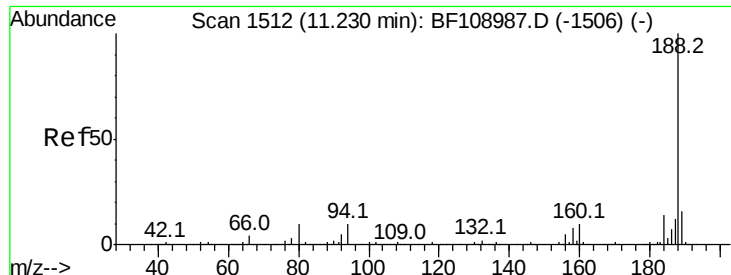
Sohil
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#62
Azobenzene
Concen: 34.408 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	22.4	3.0	43.0
51	27.8	9.9	49.9





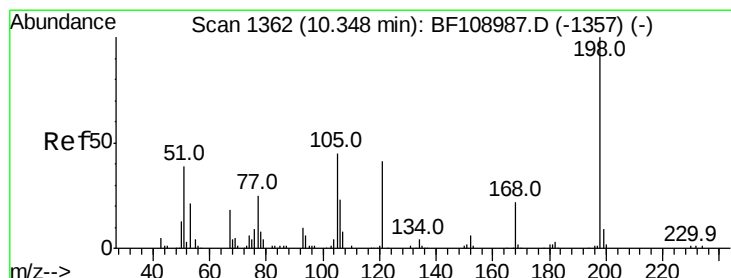
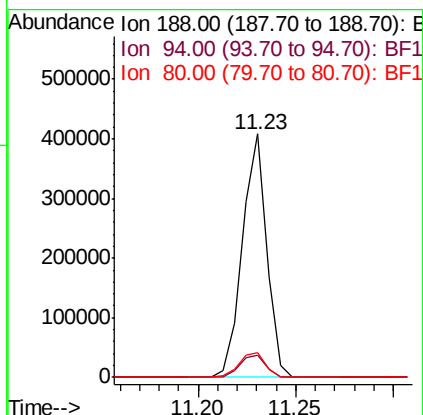
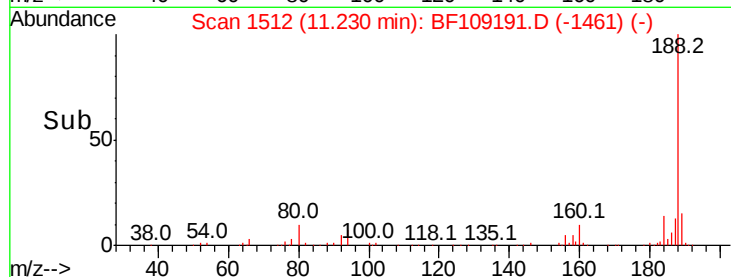
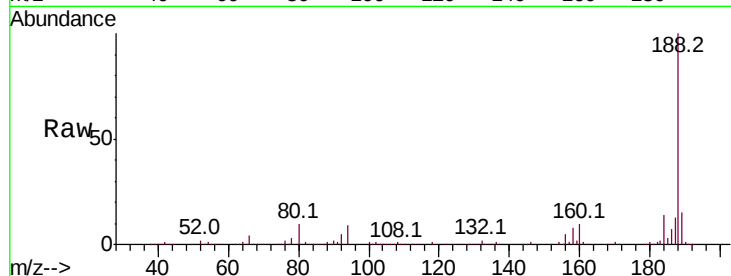
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.1	9.2	13.8

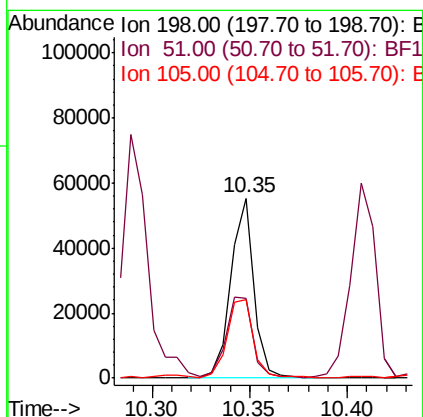
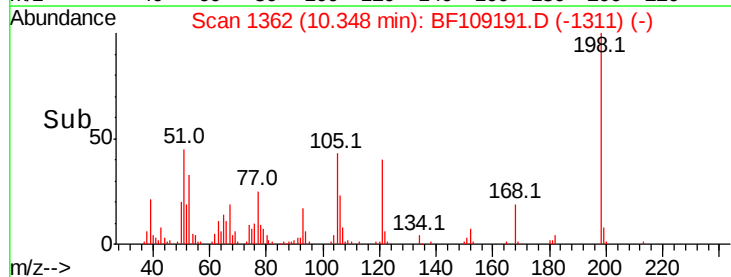
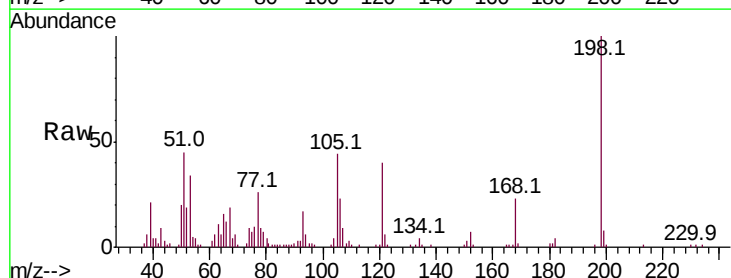
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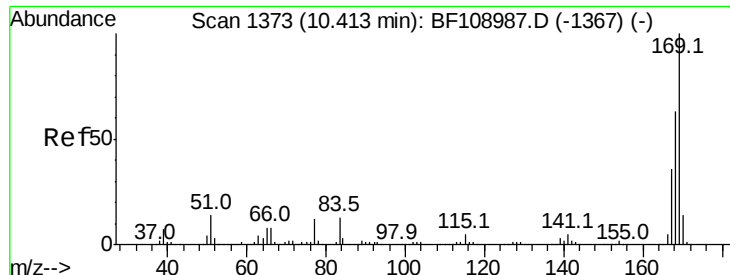
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.009 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	44.5	37.7	77.7
105	43.9	36.3	76.3





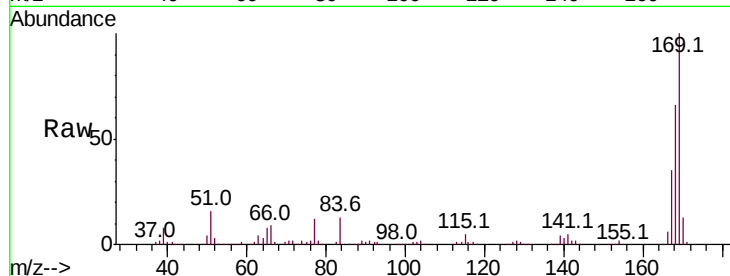
#65
n-Nitrosodiphenylamine
Concen: 32.729 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	376425		
168	65.5		54.4	81.6
167	35.1		29.8	44.6

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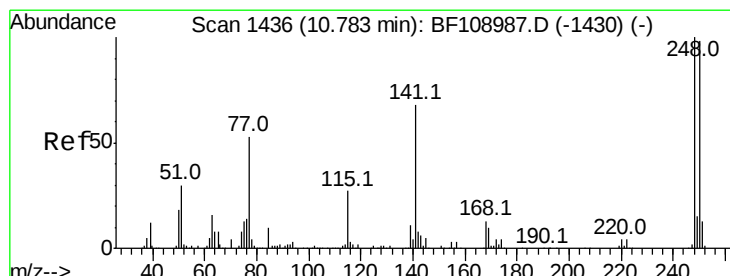
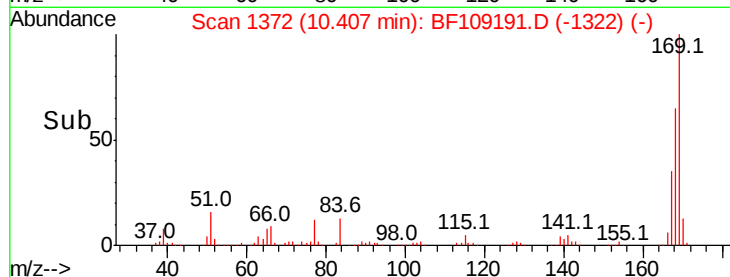
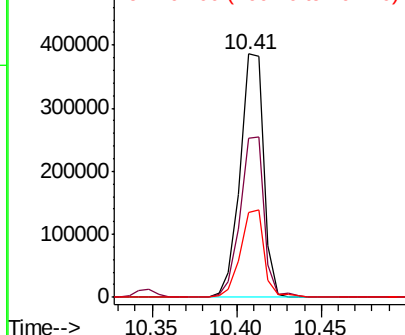


Abundance

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: 28.621 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

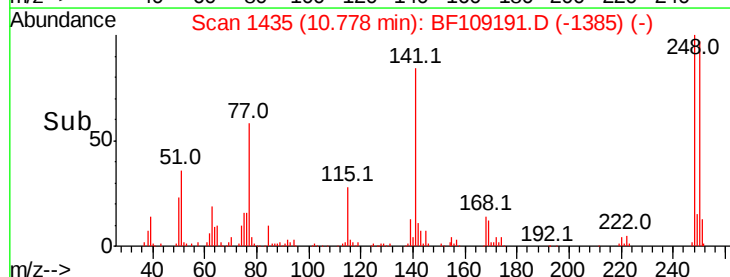
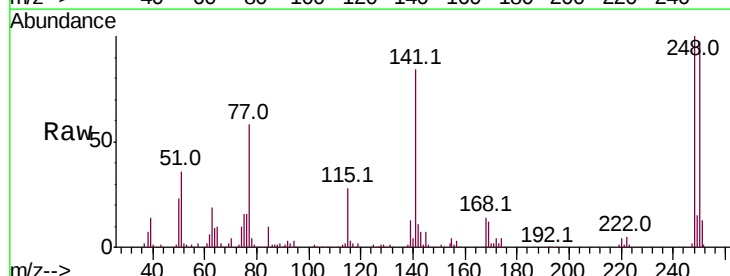
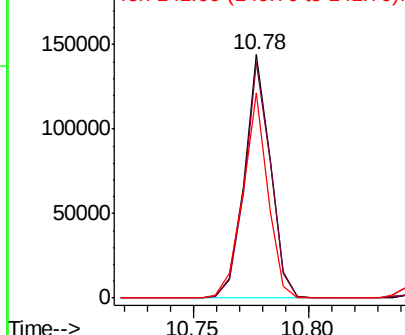
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113450		
250	96.9		76.9	115.3
141	84.4		74.4	111.6

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: 31.044 ng

RT: 10.85 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

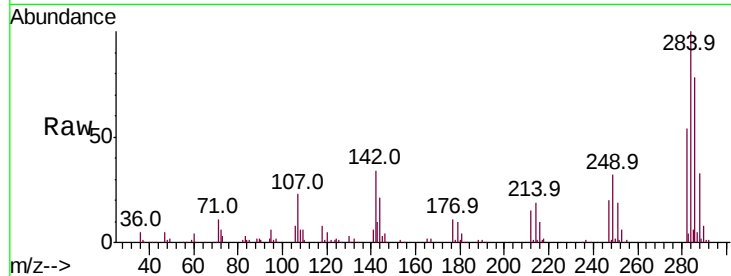
ClientSampleId :

FK-GF-02-026-BMSD

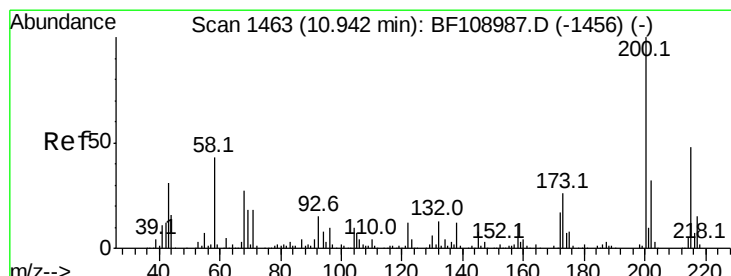
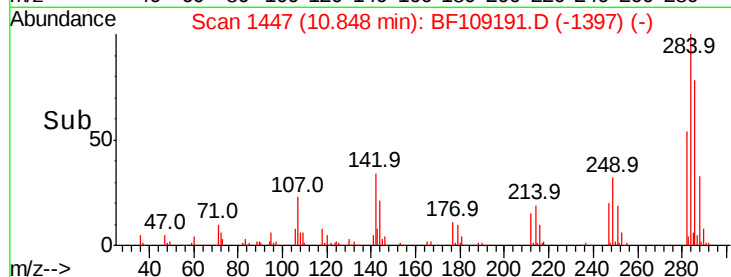
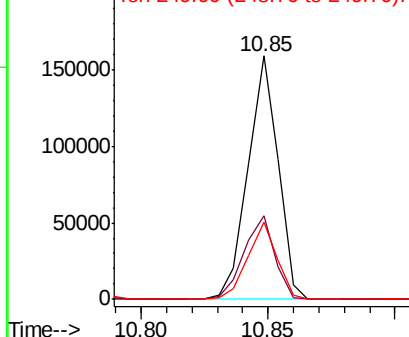
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.1	34.6	52.0#	
249	31.6	24.8	37.2	

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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: 34.837 ng

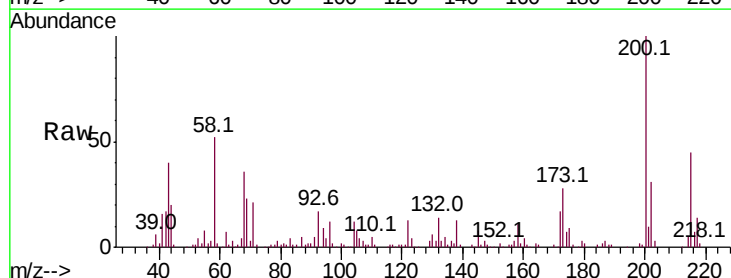
RT: 10.94 min Scan# 1462

Delta R.T. -0.01 min

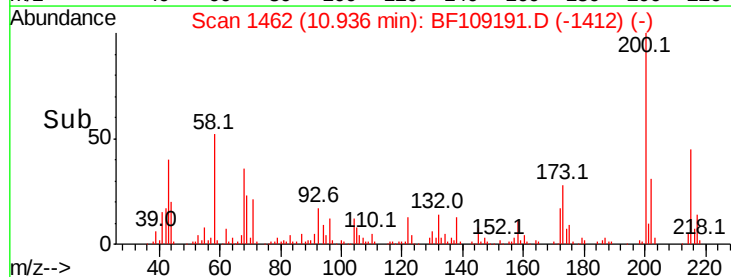
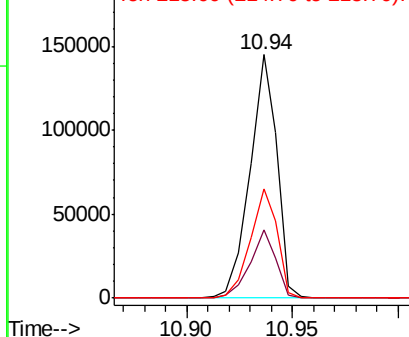
Lab File: BF109191.D

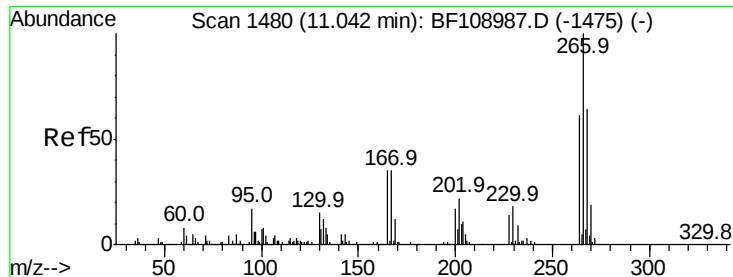
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.8	8.6	48.6	
215	44.8	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





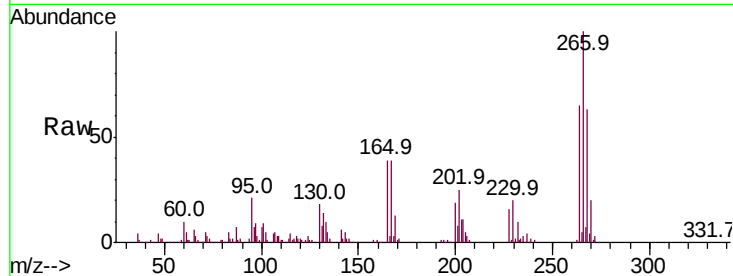
#69
 Pentachlorophenol
 Concen: 49.771 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	135013		
268	63.0		51.1	76.7
264	64.5		49.5	74.3

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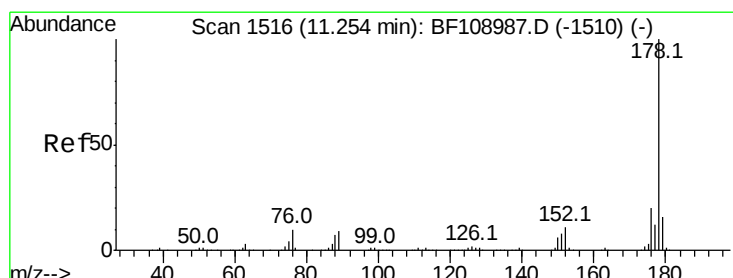
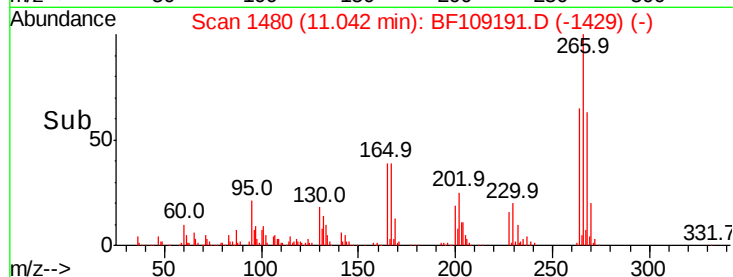
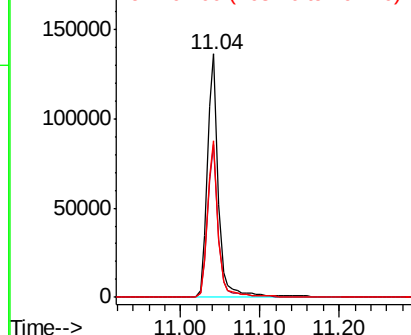


Abundance

Ion 265.70 (265.40 to 266.40): E

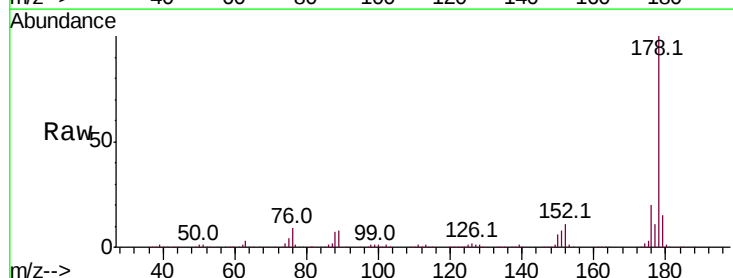
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 33.623 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	579515		
176	19.8		15.8	23.8
179	15.4		13.0	19.6

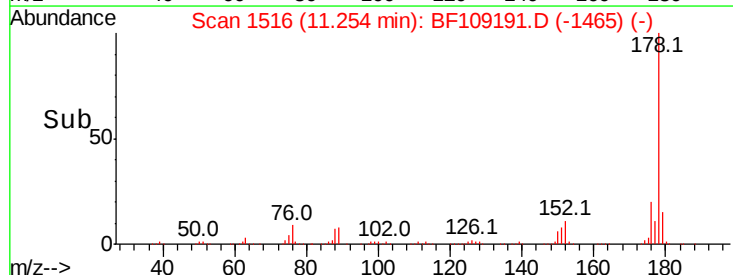
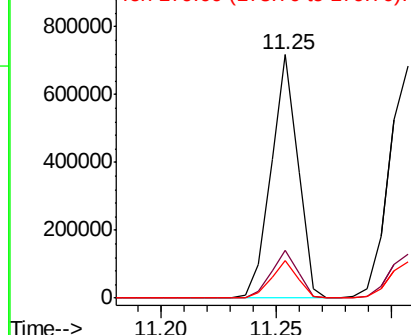


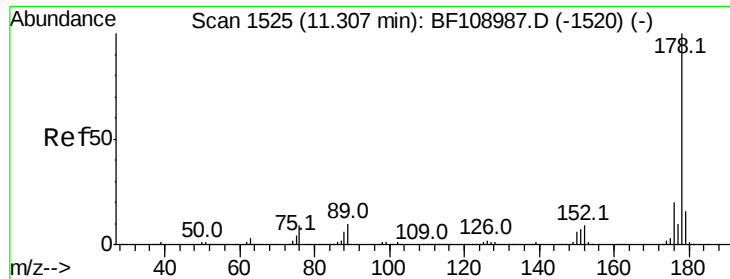
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





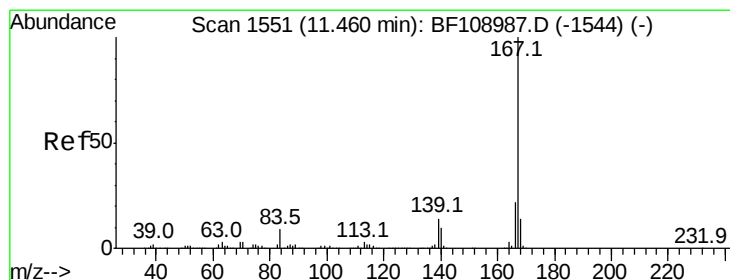
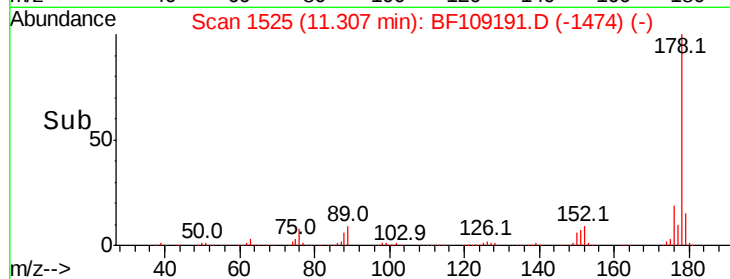
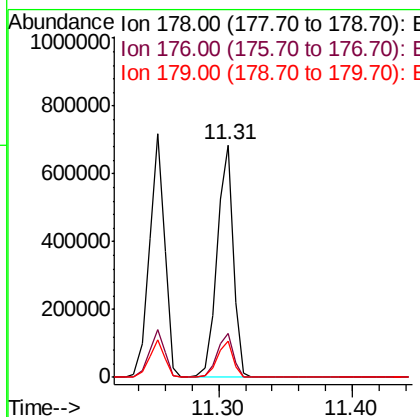
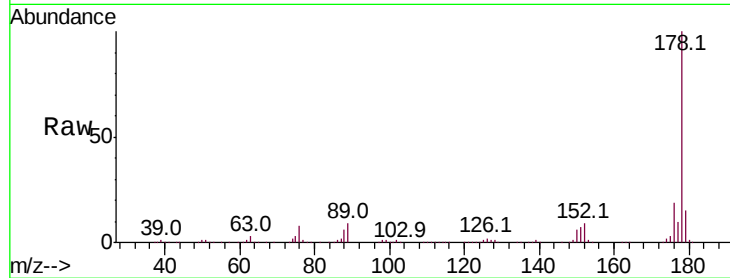
#71
 Anthracene
 Concen: 33.592 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
178	100	586911		
176	18.7		15.4	23.2
179	15.4		12.6	19.0

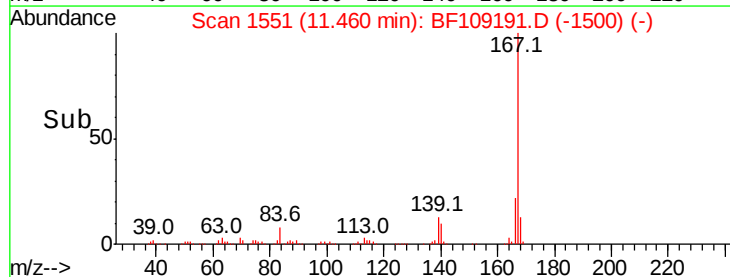
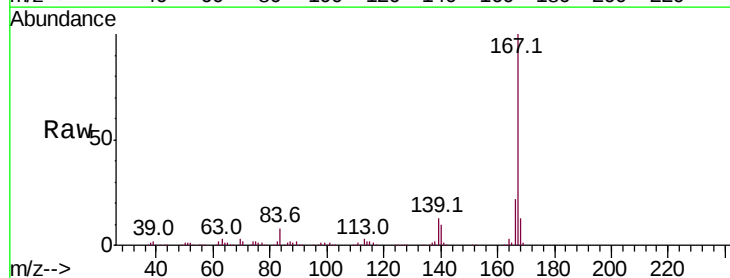
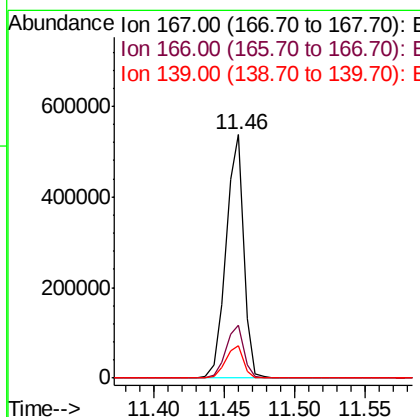
Manual Integrations
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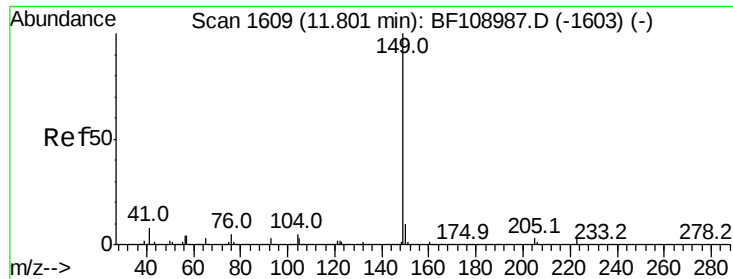
Sohil
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#72
 Carbazole
 Concen: 27.037 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	467610		
166	21.8		17.6	26.4
139	13.5		10.9	16.3





#73

Di-n-butylphthalate

Concen: 30.020 ng

RT: 11.80 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

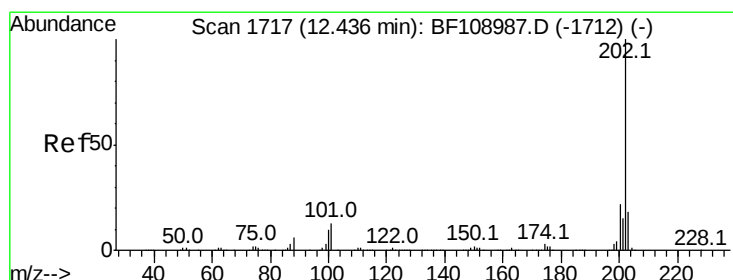
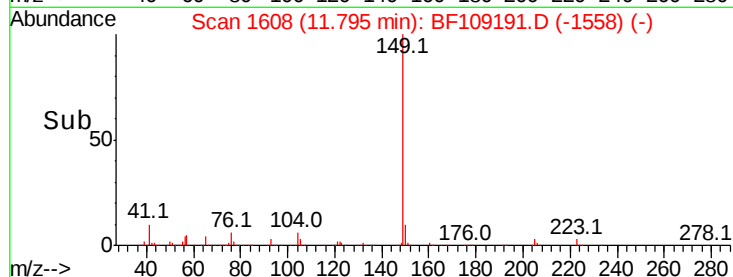
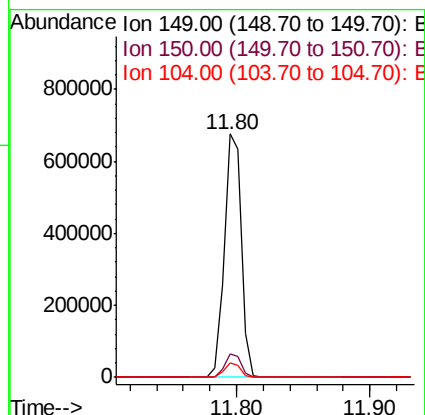
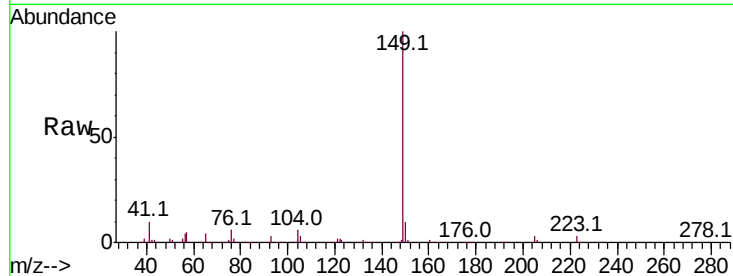
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	149	Resp:	607785
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.8	3.8	5.8#

Manual Integrations
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#74

Fluoranthene

Concen: 30.339 ng

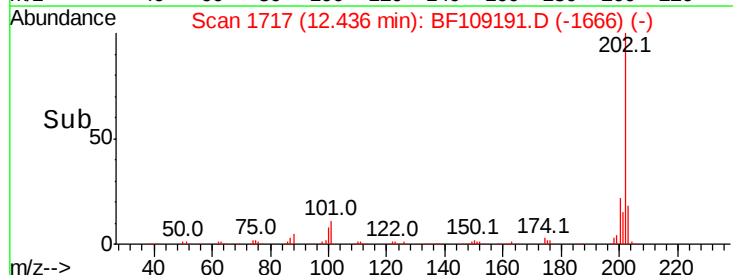
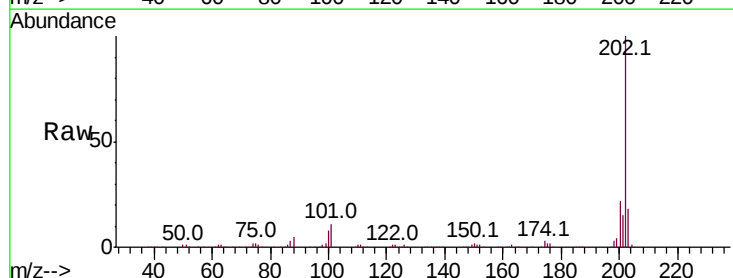
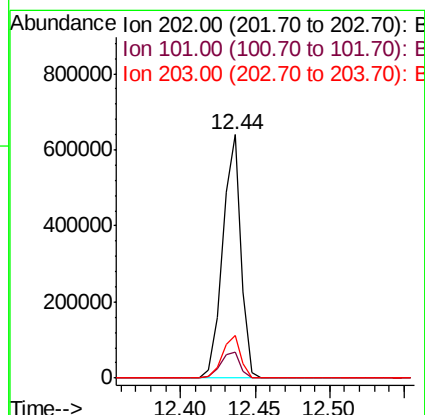
RT: 12.44 min Scan# 1717

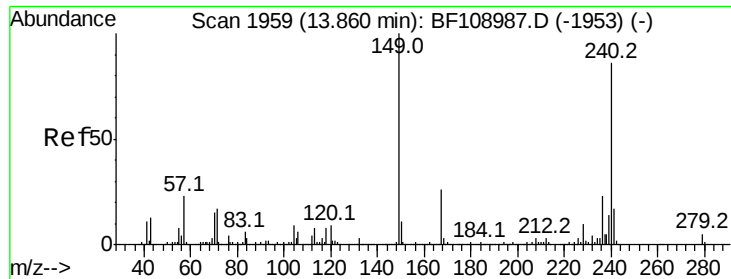
Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion:	202	Resp:	552044
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

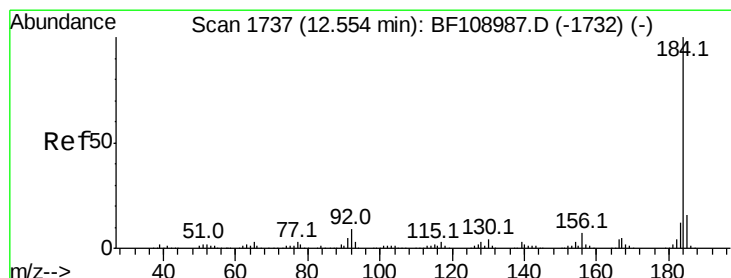
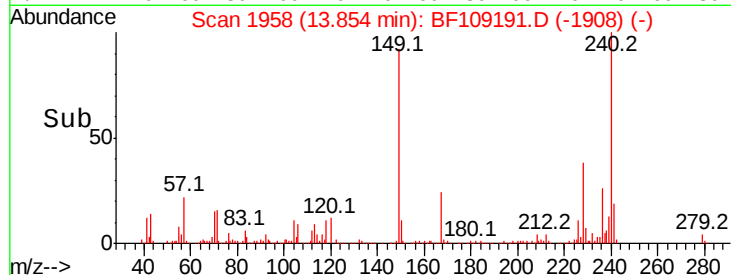
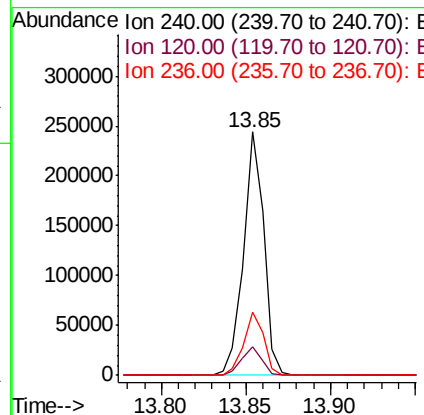
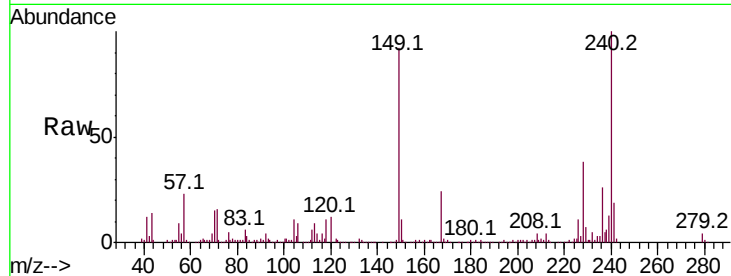
ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	240	Resp:	203747
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 34.866 ng

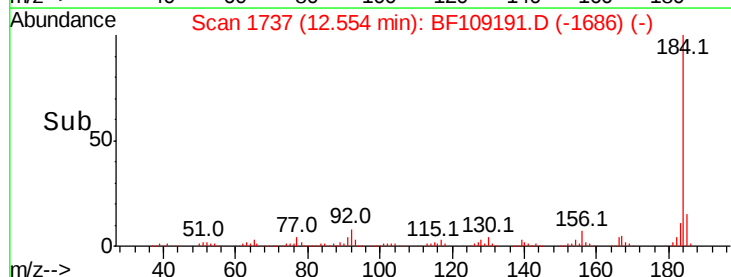
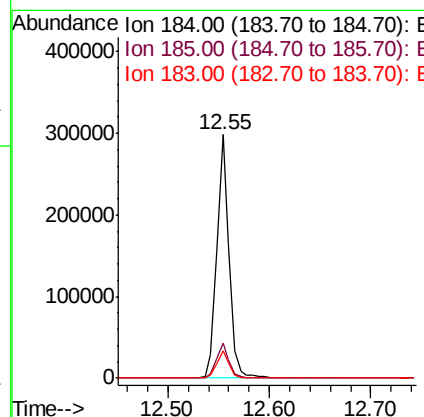
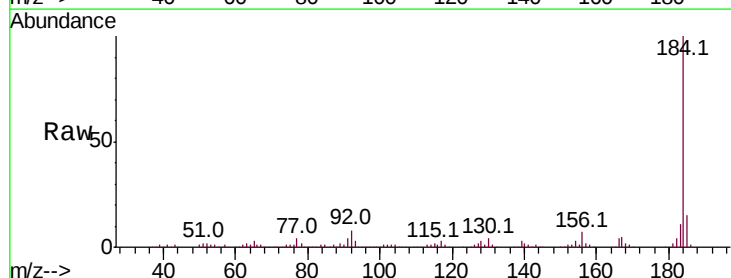
RT: 12.55 min Scan# 1737

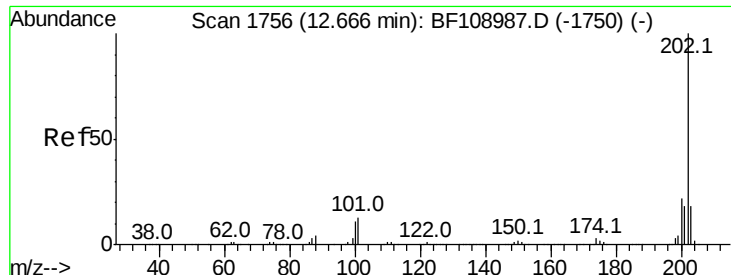
Delta R.T. 0.00 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion:	184	Resp:	251463
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.4	9.3	13.9





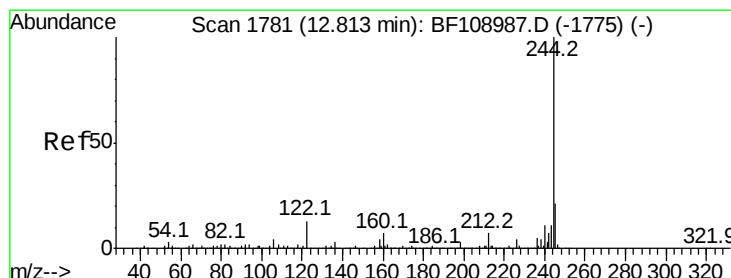
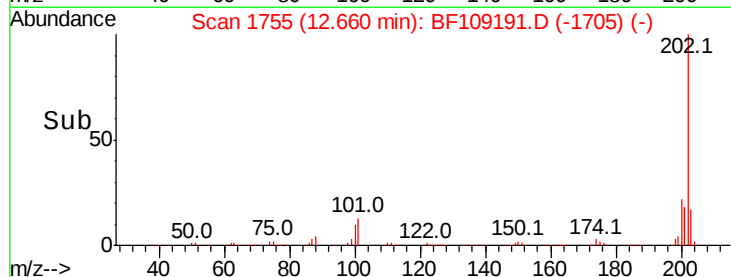
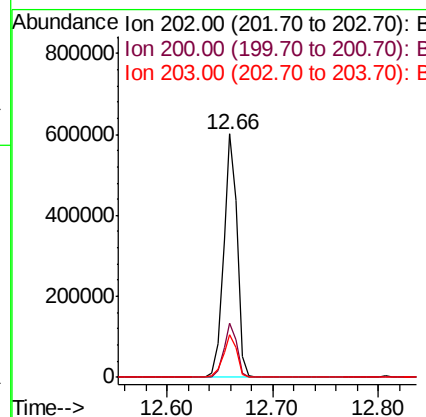
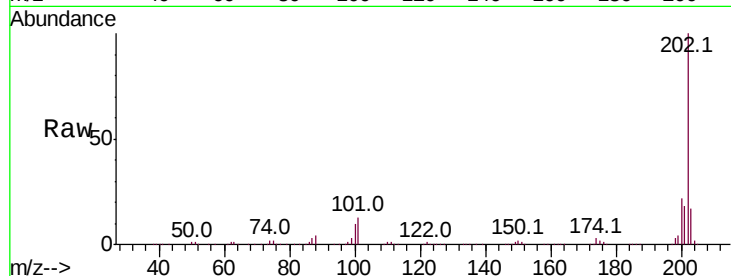
#77
Pvrene
Concen: 35.804 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.3	14.3	21.5

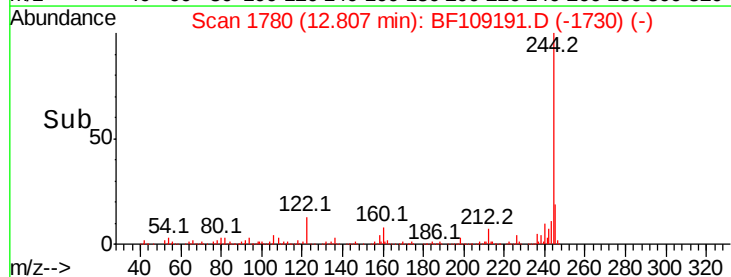
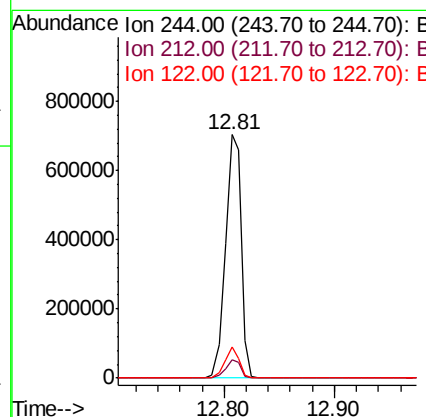
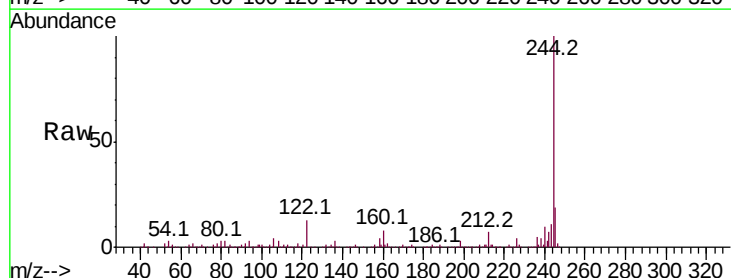
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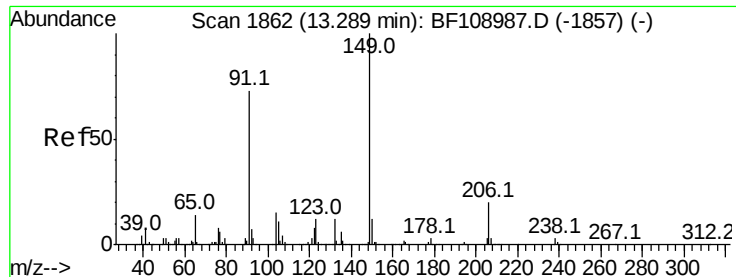
Sohil
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#78
Terphenyl-d14
Concen: 81.596 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.7	11.0	16.4





#79

Butylbenzylphthalate

Concen: 34.936 ng

RT: 13.28 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

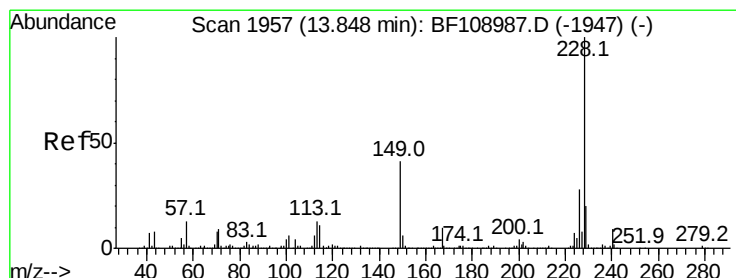
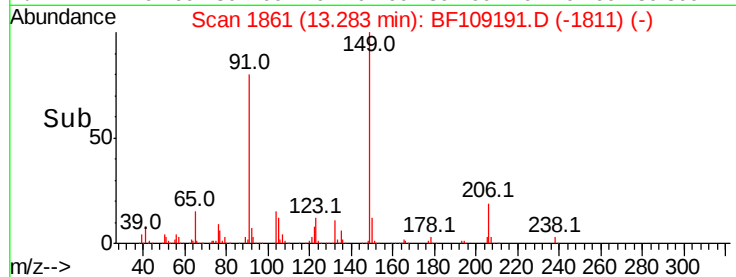
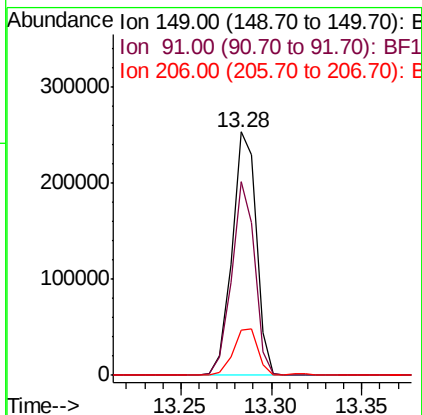
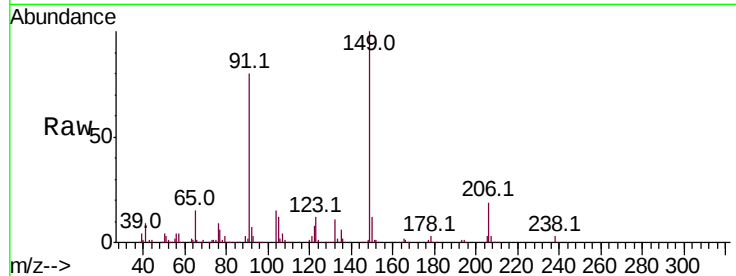
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Tot Ion:	149	Resp:	236152
Ion Ratio	Lower	Upper	
149	100		
91	79.6	56.8	85.2
206	18.6	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 32.442 ng

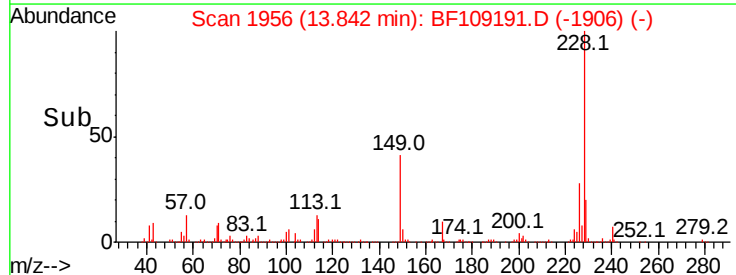
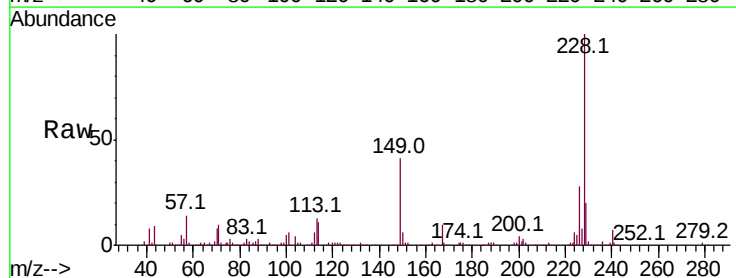
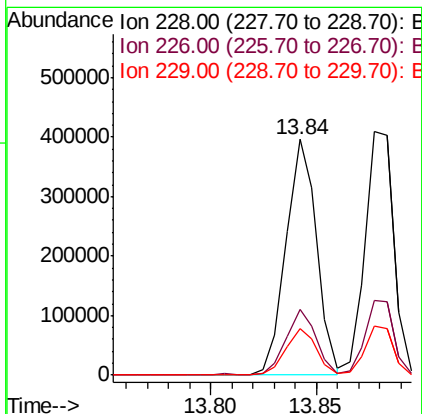
RT: 13.84 min Scan# 1956

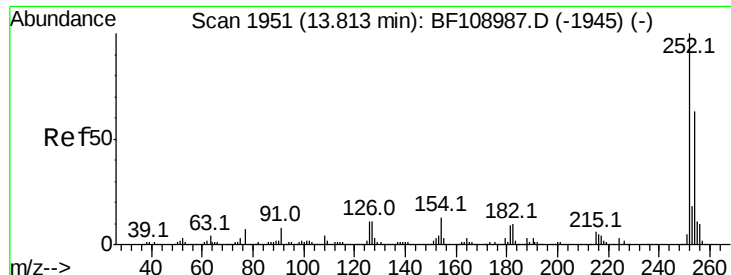
Delta R.T. -0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Tgt Ion:	228	Resp:	400187
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6





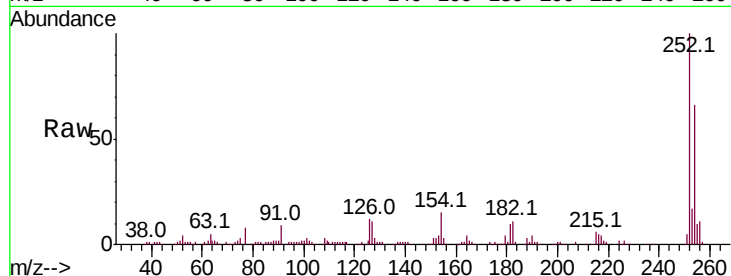
#81
 3,3'-Dichlorobenzidine
 Concen: 24.023 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

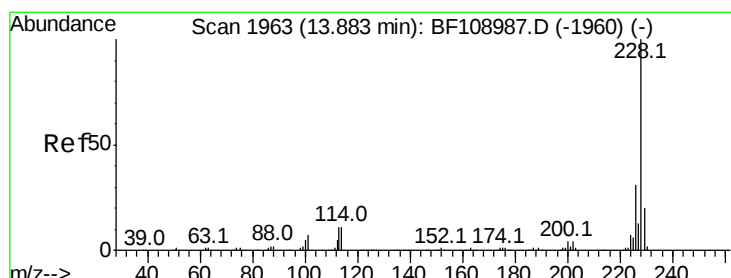
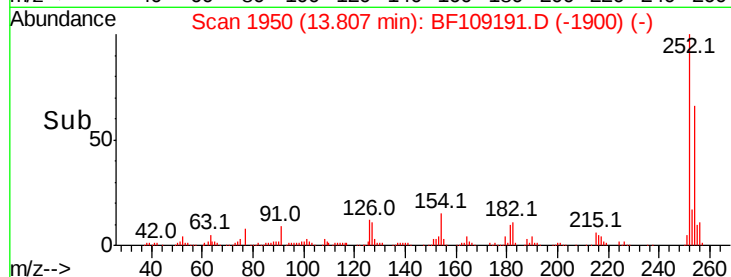
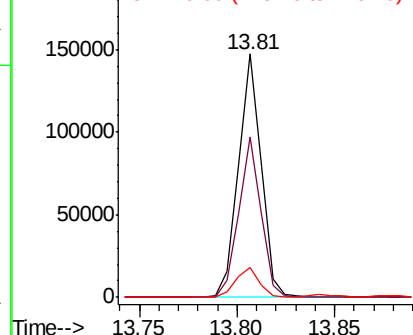
Tot Ion	Ratio	Resp	Lower	Upper
252	100	119581		
254	65.8	50.4	75.6	
126	12.3	11.3	16.9	

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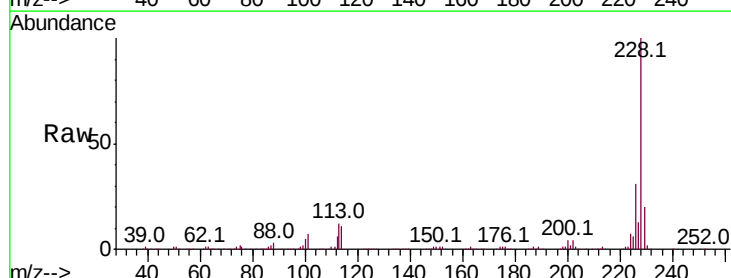


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

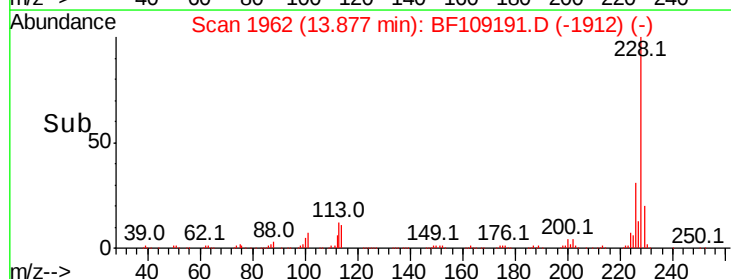
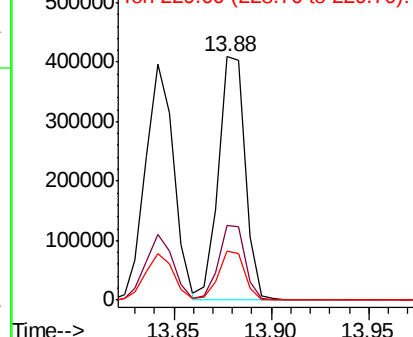


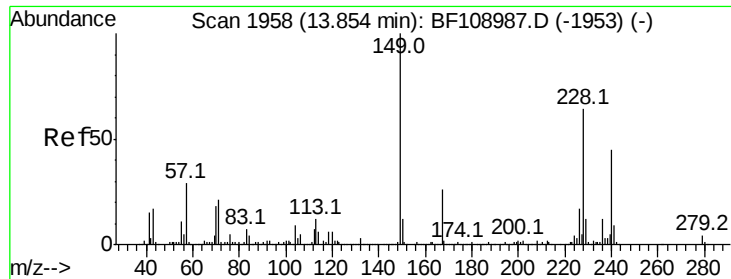
#82
 Chrysene
 Concen: 31.517 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	388974		
226	30.7	25.0	37.6	
229	20.0	16.2	24.4	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





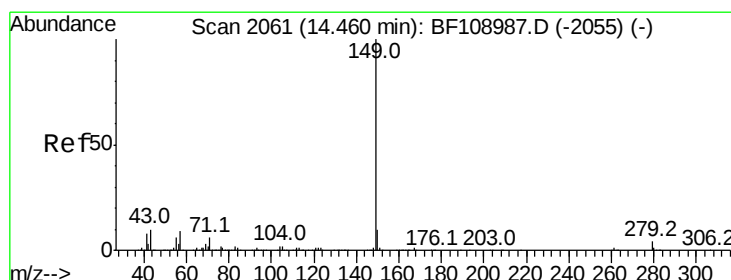
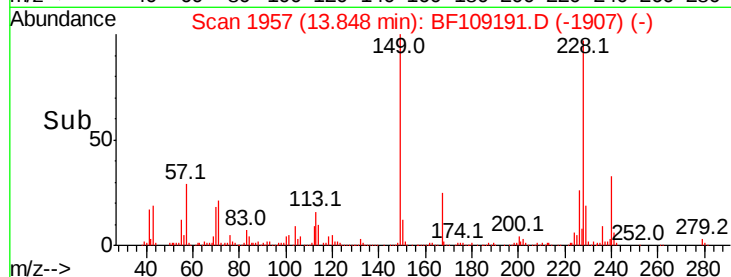
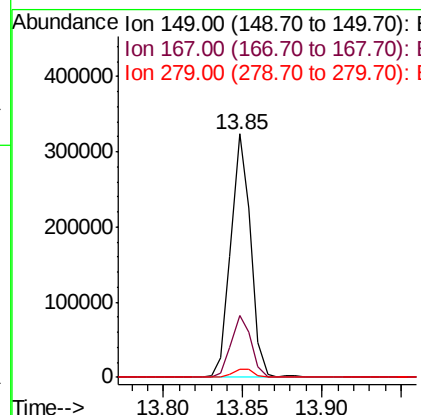
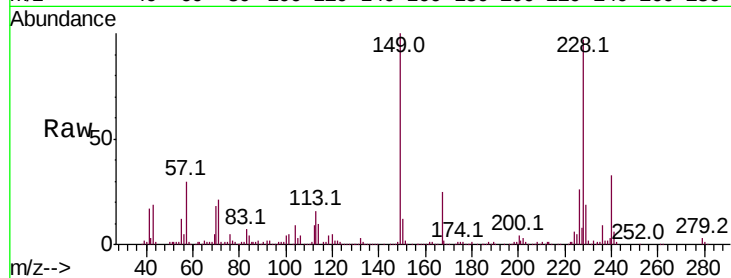
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.270 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	280480		
167	25.3		21.3	31.9
279	3.4		3.0	4.4

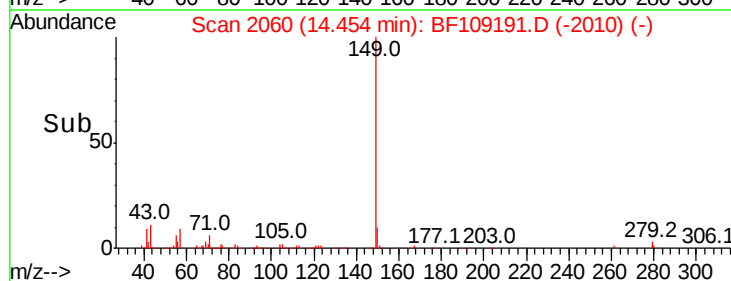
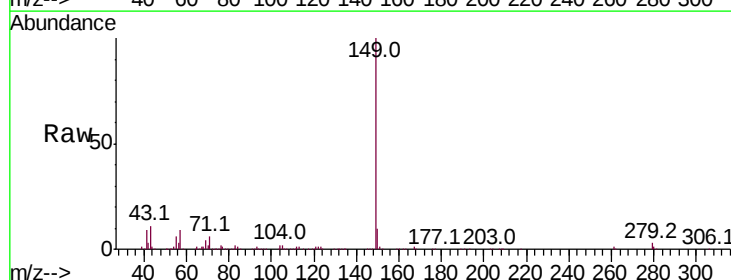
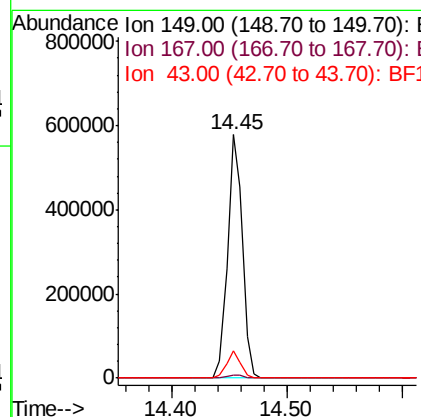
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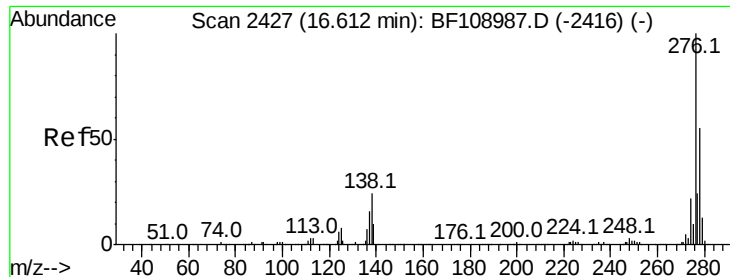
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#84
 Di-n-octyl phthalate
 Concen: 37.085 ng
 RT: 14.45 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BF109191.D
 Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	514768		
167	1.5		1.2	1.8
43	10.1		8.4	12.6





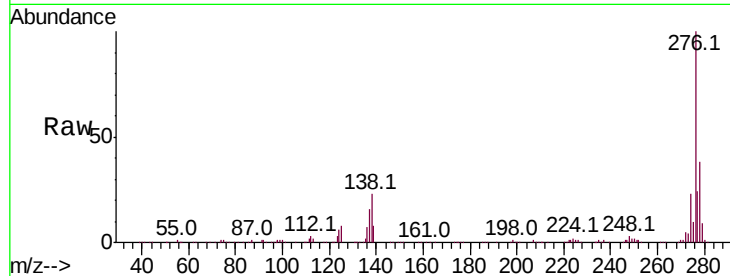
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.546 ng
RT: 16.61 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	25.4	20.1	30.1

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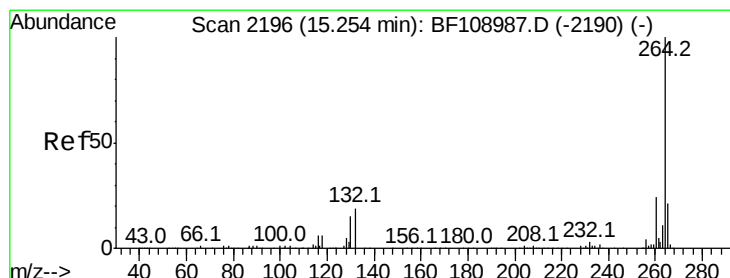
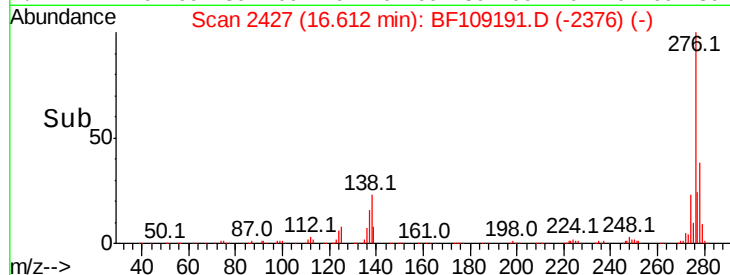
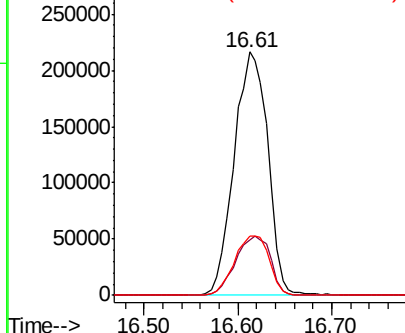


Abundance

Ion 276.00 (275.70 to 276.70): E

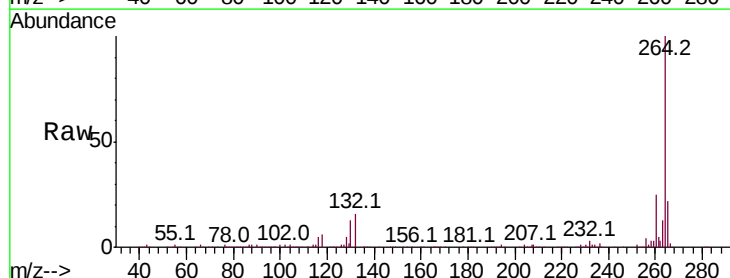
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3

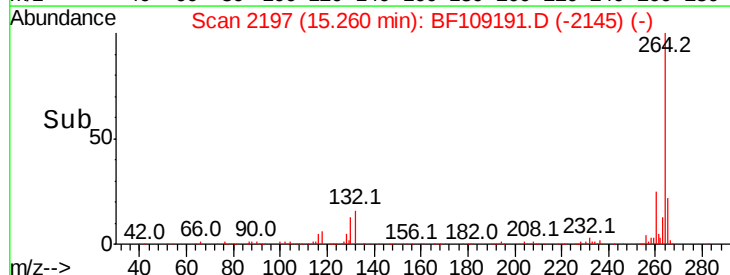
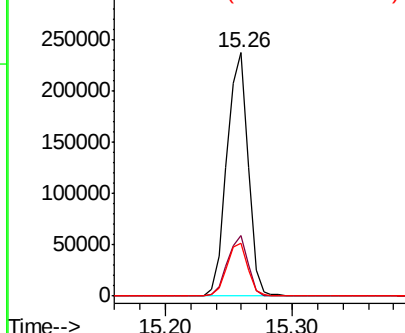


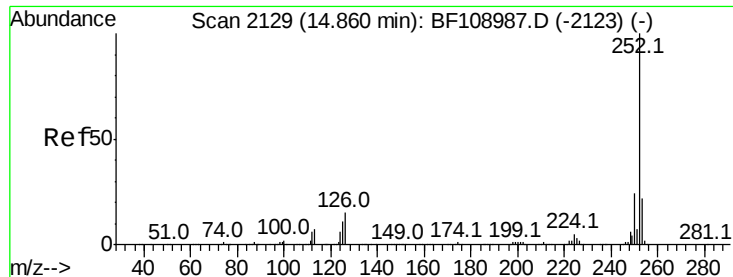
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





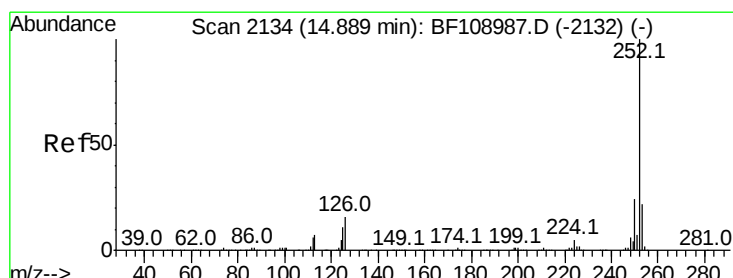
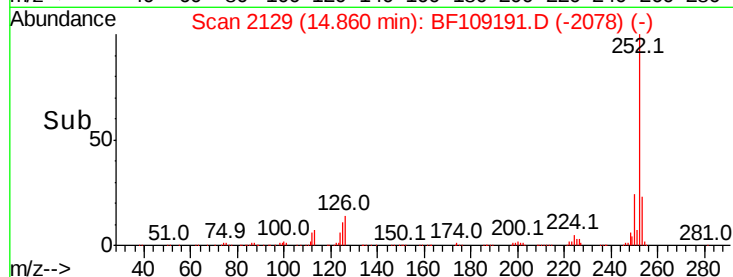
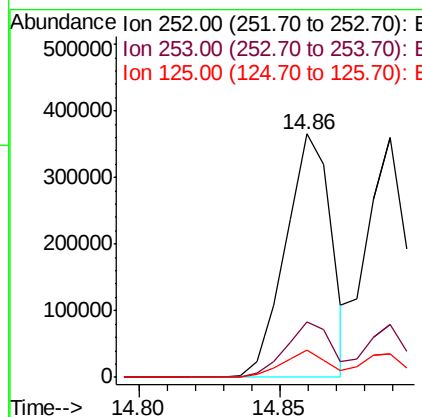
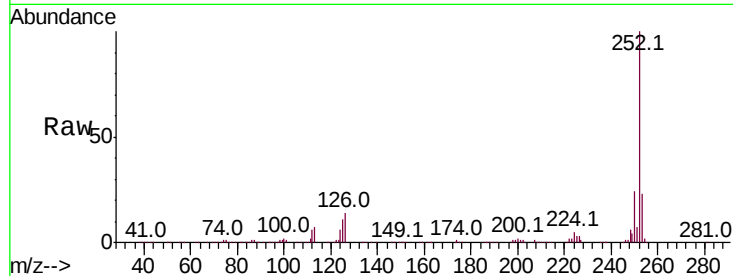
#87
Benzo(b)fluoranthene
Concen: 27.095 ng
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.0	9.0	13.6

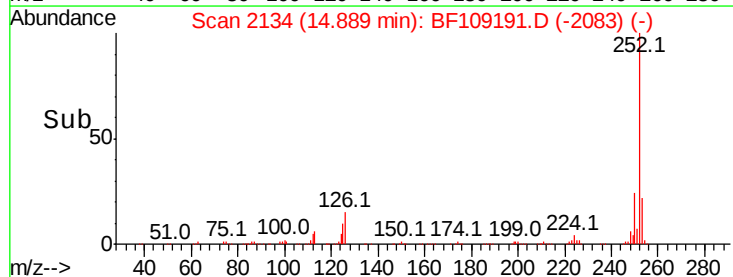
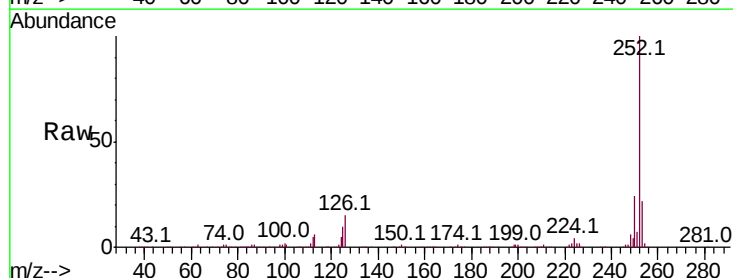
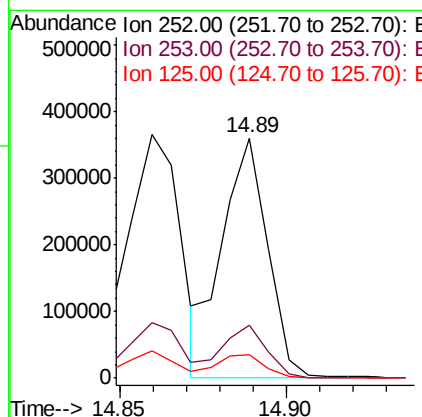
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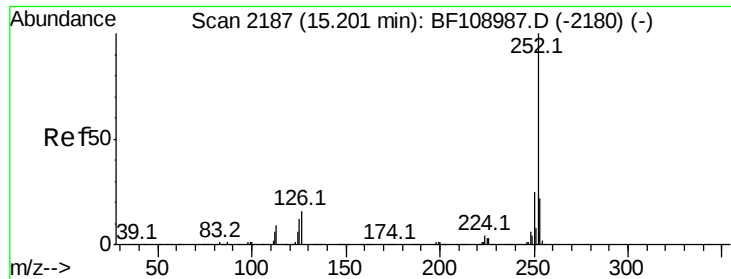
Sohil
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#88
Benzo(k)fluoranthene
Concen: 24.291 ng m
RT: 14.89 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.9	10.2	15.2#





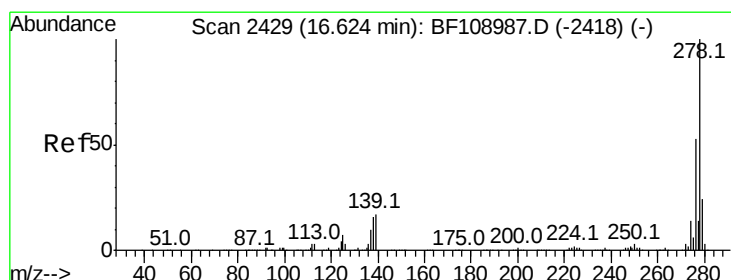
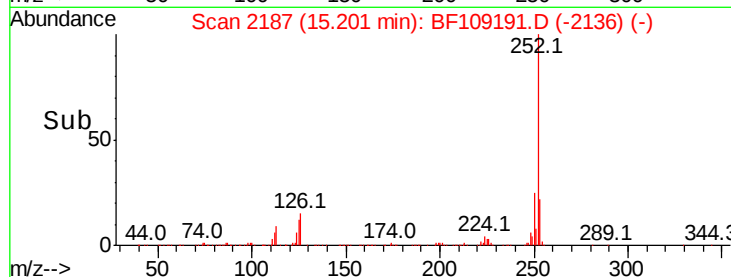
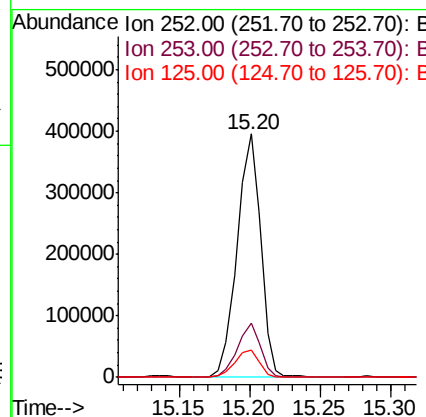
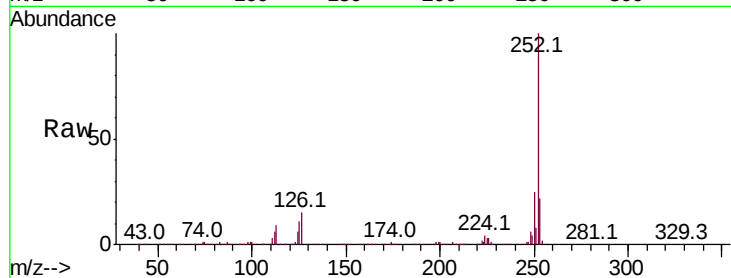
#89
Benzo(a)pyrene
Concen: 34.161 ng
RT: 15.20 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.4	9.8	14.6

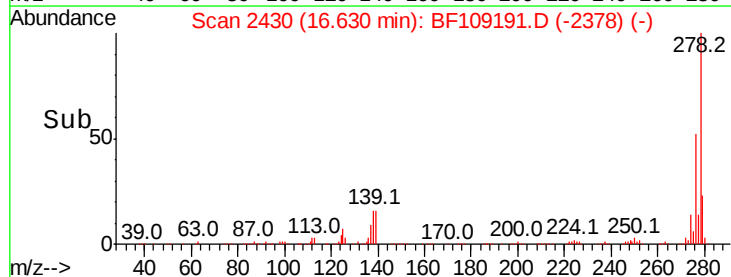
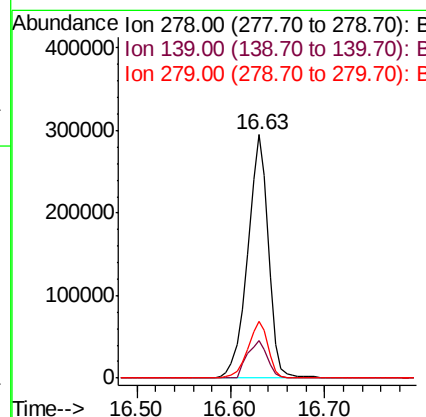
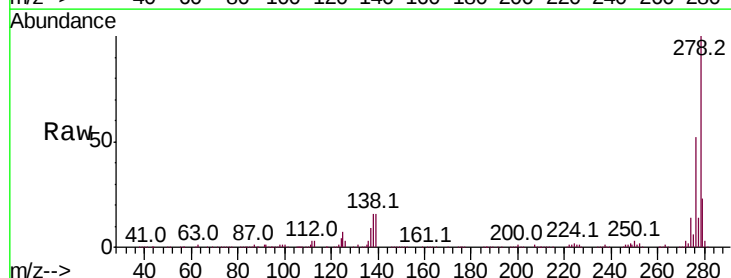
Manual Integrations
APPROVED

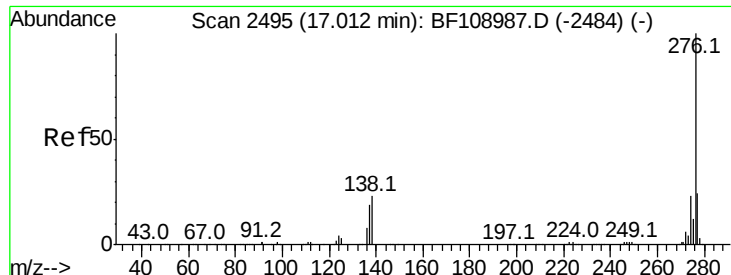
Sohil
9/21/2018 10:37:56 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.798 ng
RT: 16.63 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BF109191.D
Acq: 20 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	15.9	23.9#
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.266 ng

RT: 17.02 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF109191.D

Acq: 20 Sep 2018 19:32

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-026-BMSD

Tot Ion:	276	Resp:	444793
Ion Ratio	Lower	Upper	
276	100		
277	23.2	17.9	26.9
138	21.7	21.8	32.8

Manual Integrations
APPROVED

Sohil

9/21/2018 10:37:56 AM

