

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103061.D
 Acq On : 16 Feb 2018 19:13
 Operator : SJ/JU
 Sample : J1584-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Manual Integrations
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Sohil
 2/19/2018 11:09:50 AM

Quant Time: Feb 16 23:40:19 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175250	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	683810	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272159	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	417901	20.00	ng	0.00
75) Chrysene-d12	14.05	240	275375	20.00	ng	0.00
86) Perylene-d12	15.54	264	234748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1344446	116.51	ng	0.02
7) Phenol-d6	6.52	99	1594079	114.73	ng	0.01
23) Nitrobenzene-d5	7.45	82	1014517	102.92	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	259304	118.37	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1413800	86.20	ng	0.00
78) Terphenyl-d14	12.99	244	1072331	92.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	216950	38.063	ng	89
3) Pyridine	3.49	79	610123	38.744	ng	92
4) n-Nitrosodimethylamine	3.45	42	305551	45.350	ng	99
6) Aniline	6.55	93	516042	25.149	ng	95
8) 2-Chlorophenol	6.67	128	502698	42.314	ng	94
9) Benzaldehyde	6.43	77	108190	10.485	ng	98
10) Phenol	6.53	94	636272	42.730	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	516268	41.666	ng	90
12) 1,3-Dichlorobenzene	6.82	146	532243	38.687	ng	99
13) 1,4-Dichlorobenzene	6.90	146	533517	38.930	ng	99
14) 1,2-Dichlorobenzene	7.05	146	484570	37.962	ng	98
15) Benzyl Alcohol	7.02	79	429108	40.169	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	883107	37.519	ng	100
17) 2-Methylphenol	7.13	107	435621	39.752	ng	99
18) Hexachloroethane	7.39	117	162100	34.494	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	333901	36.448	ng	95
20) 3+4-Methylphenols	7.29	107	477907	35.364	ng	# 71
22) Acetophenone	7.29	105	652604	39.000	ng	# 91
24) Nitrobenzene	7.46	77	539281	46.512	ng	98
25) Isophorone	7.70	82	992239	43.715	ng	98
26) 2-Nitrophenol	7.78	139	246670	51.099	ng	94
27) 2,4-Dimethylphenol	7.82	122	437651	45.639	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	620778	46.168	ng	100
29) 2,4-Dichlorophenol	8.02	162	395369	45.354	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	399855	40.546	ng	98
31) Naphthalene	8.19	128	1348756	40.370	ng	100
32) Benzoic acid	7.90	122	74251m	18.701	ng	
33) 4-Chloroaniline	8.23	127	277871	19.307	ng	99
34) Hexachlorobutadiene	8.30	225	197515	39.085	ng	100
35) Caprolactam	8.60	113	133687m	44.158	ng	
36) 4-Chloro-3-methylphenol	8.72	107	426832	43.578	ng	97
37) 2-Methylnaphthalene	8.87	142	876261	40.060	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	333499	45.004	ng	98
40) Hexachlorocyclopentadiene	9.02	237	36133	10.257	ng	96

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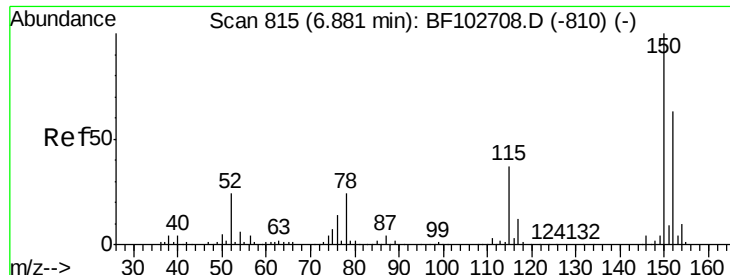
Manual Integrations
 APPROVED

Sohil
 2/19/2018 11:09:50 AM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	235677	48.420	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	244190	44.512	ng	98
45) 1,1'-Biphenyl	9.34	154	965856	42.134	ng	99
46) 2-Chloronaphthalene	9.37	162	761491	42.195	ng	98
47) 2-Nitroaniline	9.46	65	295323	52.668	ng	91
48) Acenaphthylene	9.78	152	1115672	39.803	ng	100
49) Dimethylphthalate	9.63	163	1018573	47.999	ng	99
50) 2,6-Dinitrotoluene	9.70	165	186880	46.288	ng	96
51) Acenaphthene	9.95	154	643484	38.388	ng	98
52) 3-Nitroaniline	9.87	138	204749	41.216	ng	96
53) 2,4-Dinitrophenol	9.98	184	17224	26.955	ng #	21
54) Dibenzofuran	10.12	168	968114	40.982	ng	98
55) 4-Nitrophenol	10.04	139	300654	73.967	ng	94
56) 2,4-Dinitrotoluene	10.11	165	222389	41.516	ng #	96
57) Fluorene	10.47	166	708133	41.200	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	167728	44.113	ng	100
59) Diethylphthalate	10.33	149	852990	40.709	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	325462	42.806	ng	98
61) 4-Nitroaniline	10.49	138	212204	44.878	ng	95
62) Azobenzene	10.62	77	810281	38.709	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	18102	18.142	ng	92
65) n-Nitrosodiphenylamine	10.57	169	651615	44.205	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	193511	43.775	ng	99
67) Hexachlorobenzene	11.02	284	198994	40.805	ng	98
68) Atrazine	11.10	200	179270	41.224	ng	98
69) Pentachlorophenol	11.21	266	179046	62.543	ng	99
70) Phenanthrene	11.43	178	952113	40.908	ng	99
71) Anthracene	11.49	178	960894	40.592	ng	100
72) Carbazole	11.64	167	927247	39.982	ng	99
73) Di-n-butylphthalate	11.96	149	1213830	43.087	ng	100
74) Fluoranthene	12.62	202	956299	40.838	ng	98
76) Benzidine	12.74	184	652578	51.562	ng	97
77) Pyrene	12.86	202	975612	45.180	ng	99
79) Butylbenzylphthalate	13.46	149	488333	47.293	ng	94
80) Benzo(a)anthracene	14.04	228	766027	44.232	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	285882	44.521	ng	97
82) Chrysene	14.08	228	721011	41.300	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	668304	50.522	ng	100
84) Di-n-octyl phthalate	14.63	149	1067898	53.765	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	592302	40.907	ng	99
87) Benzo(b)fluoranthene	15.10	252	645956	42.442	ng	98
88) Benzo(k)fluoranthene	15.13	252	604885	41.595	ng	99
89) Benzo(a)pyrene	15.48	252	589511	43.032	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	491833	44.232	ng	97
91) Benzo(g,h,i)perylene	17.52	276	491203	45.132	ng	98

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



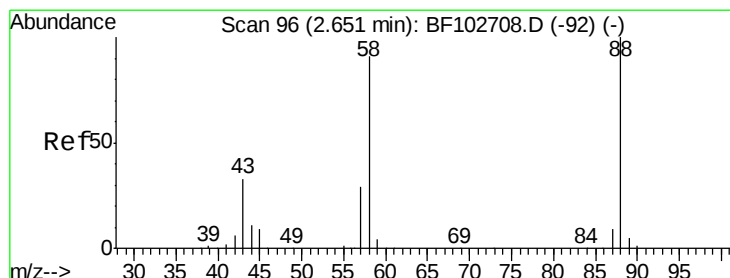
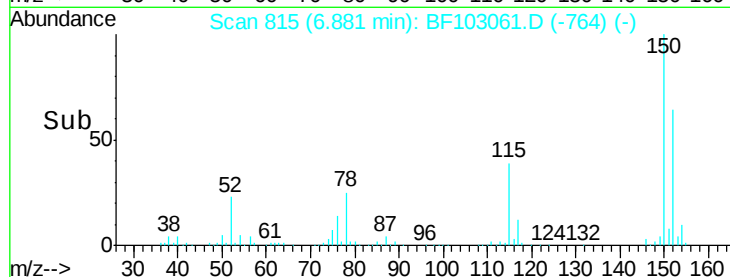
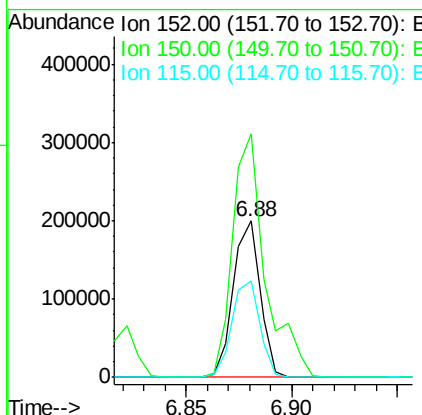
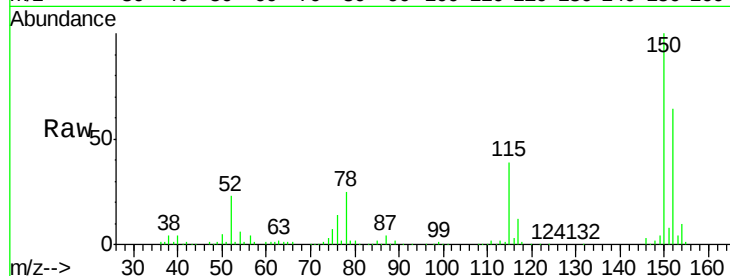
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	61.4	50.1	75.1

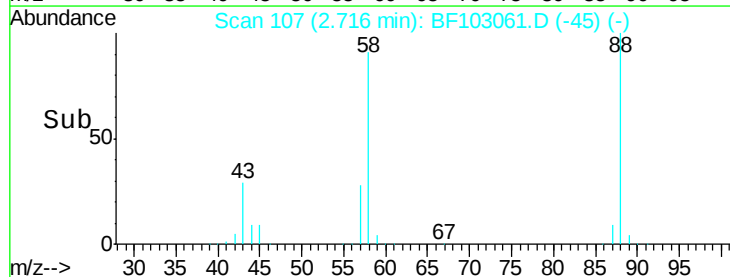
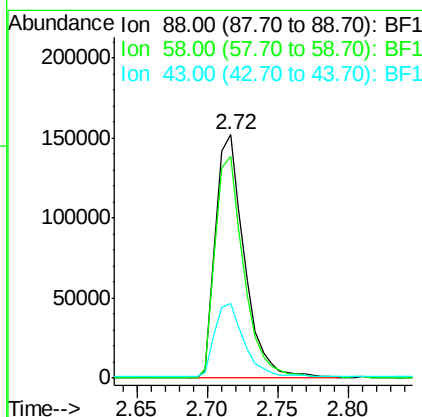
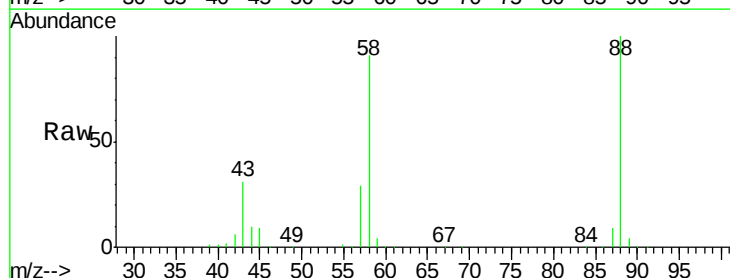
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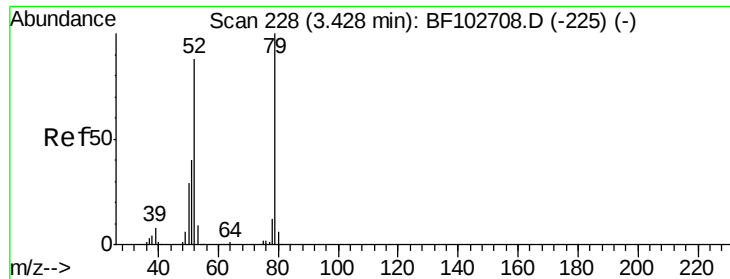
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#2
 1,4-Dioxane
 Concen: 38.063 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.06 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.8	62.6	93.8
43	30.4	24.6	37.0





#3

Pyridine

Concen: 38.744 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

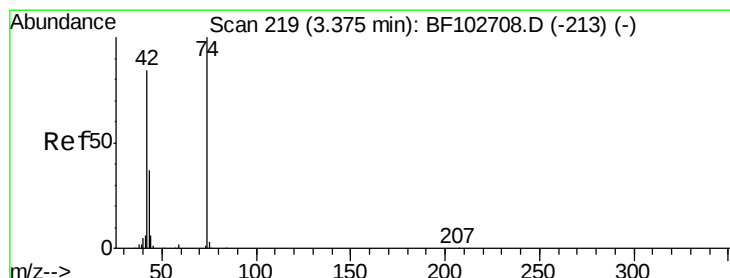
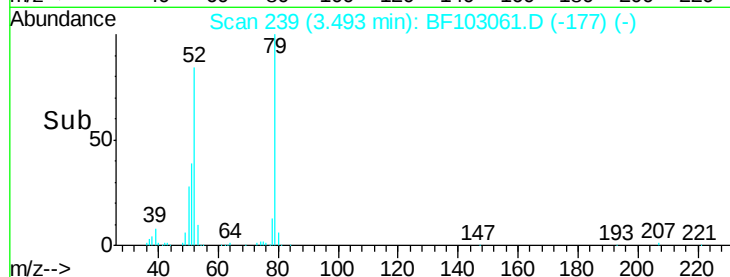
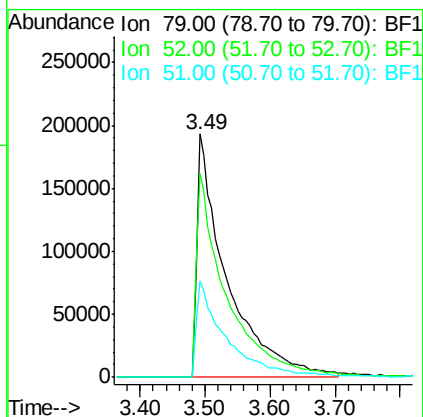
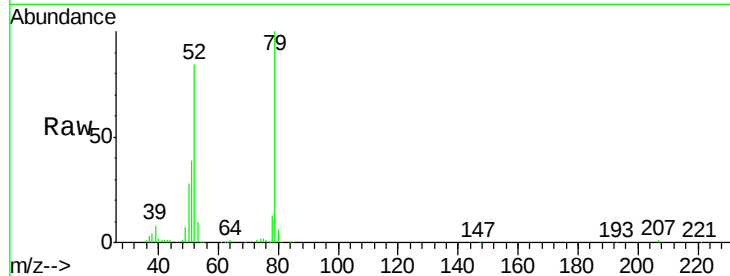
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	79	Resp:	610123
Ion Ratio	Lower	Upper	
79	100		
52	83.9	59.8	89.6
51	39.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 45.350 ng

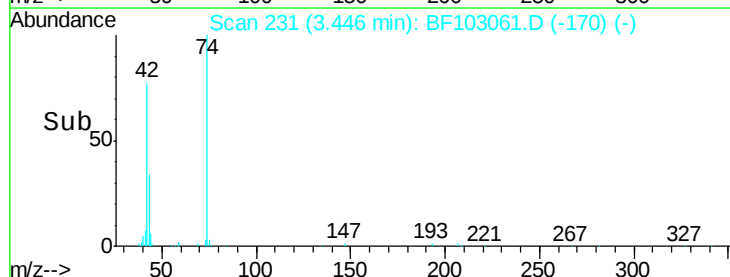
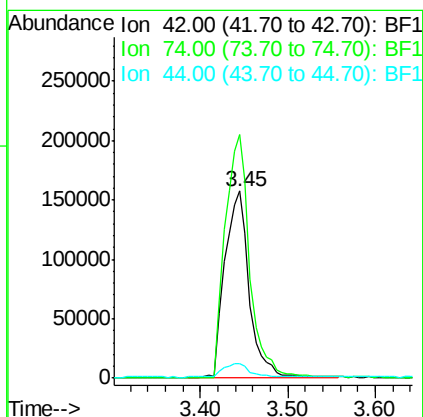
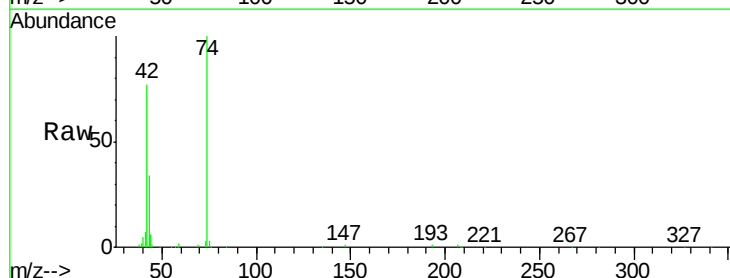
RT: 3.45 min Scan# 231

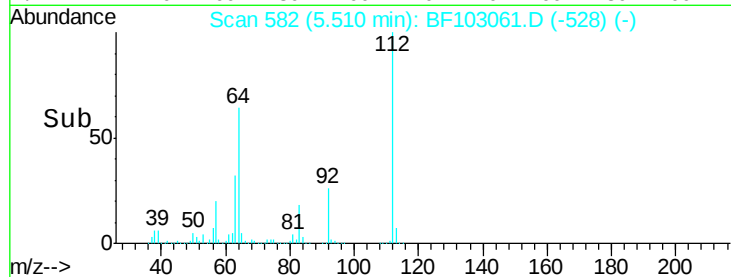
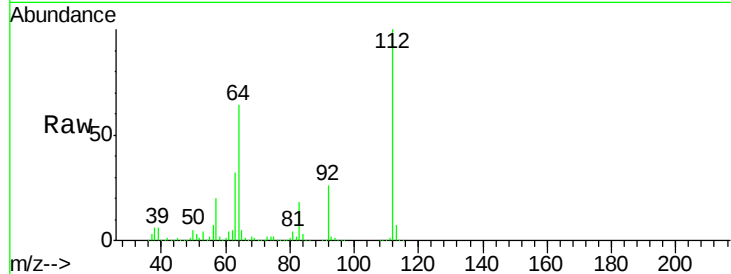
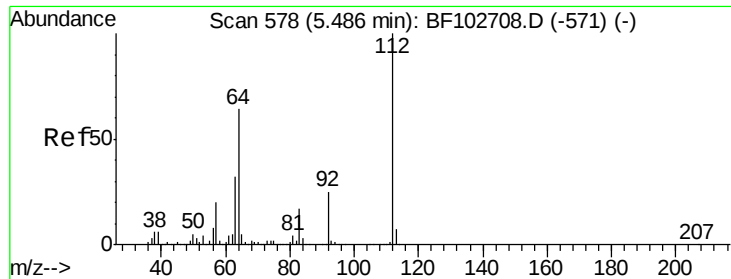
Delta R.T. 0.06 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	42	Resp:	305551
Ion Ratio	Lower	Upper	
42	100		
74	130.1	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 116.506 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	112	Resp:	1344446
Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.3	23.7	35.5

Instrument :

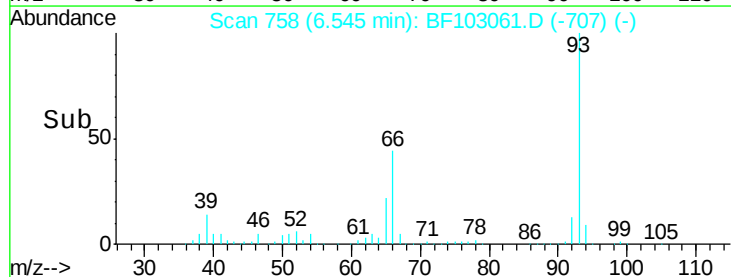
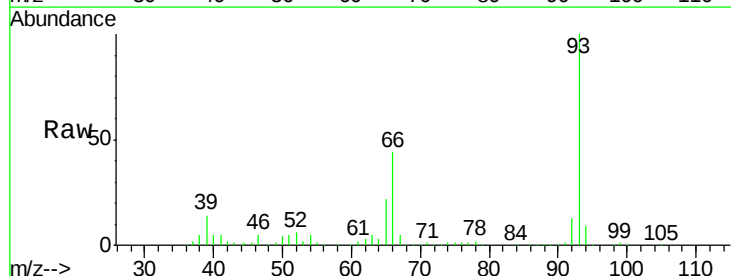
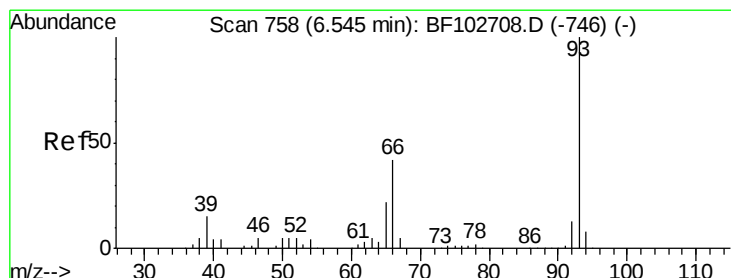
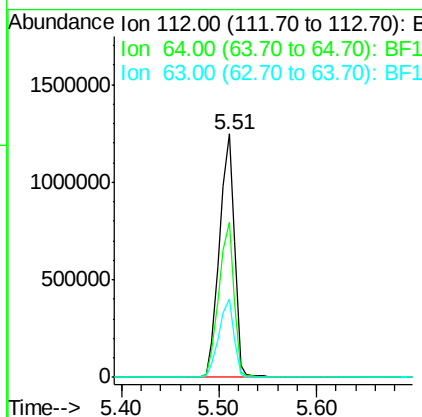
BNA_F

ClientSampleId :

FK-GF-02-012-AMSD

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#6

Aniline

Concen: 25.149 ng

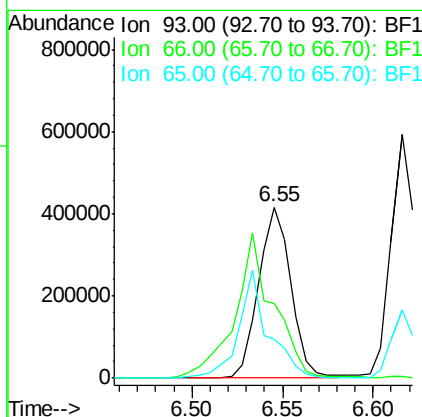
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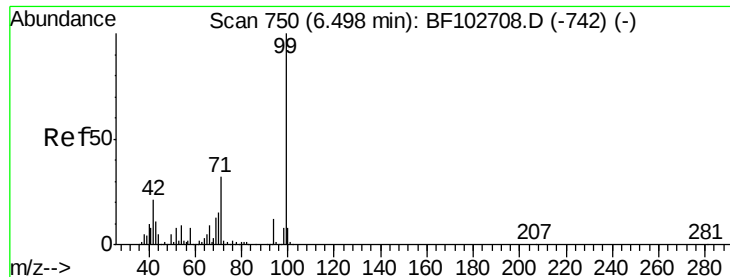
Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	93	Resp:	516042
Ion	Ratio	Lower	Upper
93	100		
66	43.8	32.2	48.2
65	22.5	16.4	24.6





#7

Phenol-d6

Concen: 114.726 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion: 99 Resp: 1594079

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

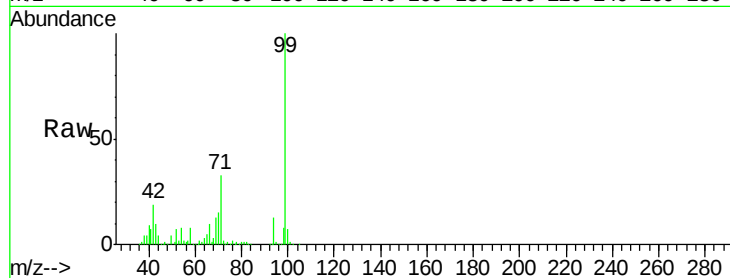
71 33.0 25.4 38.0

Manual Integrations

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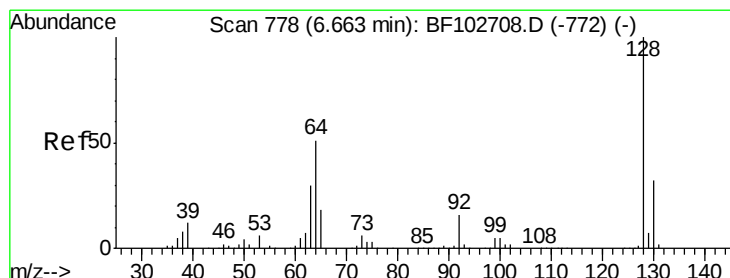
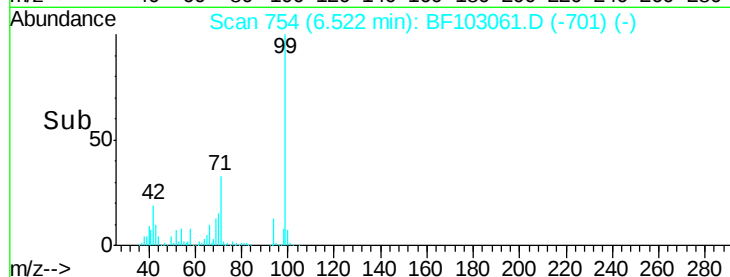
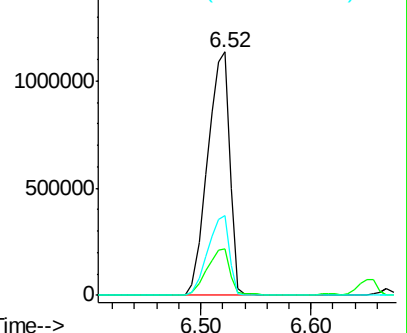
2/19/2018 11:09:50 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.314 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

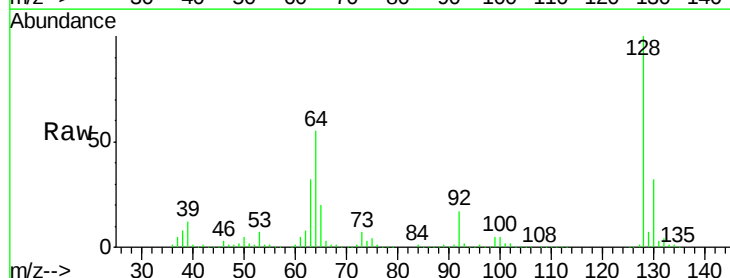
Tgt Ion: 128 Resp: 502698

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

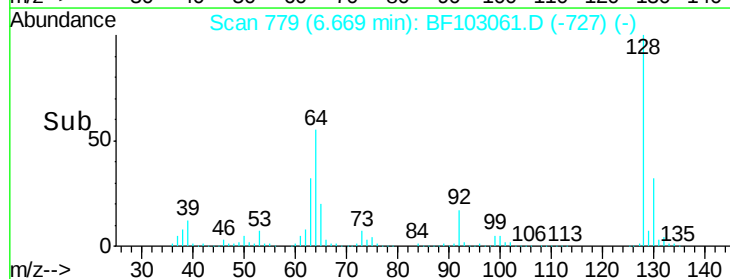
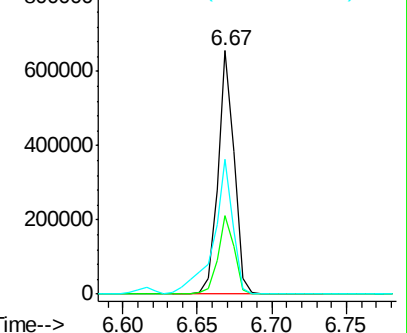
64 55.2 29.4 69.4

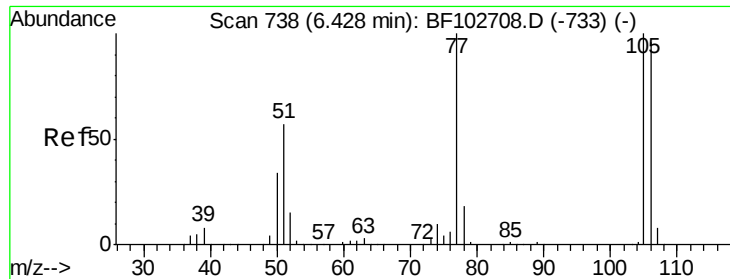


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





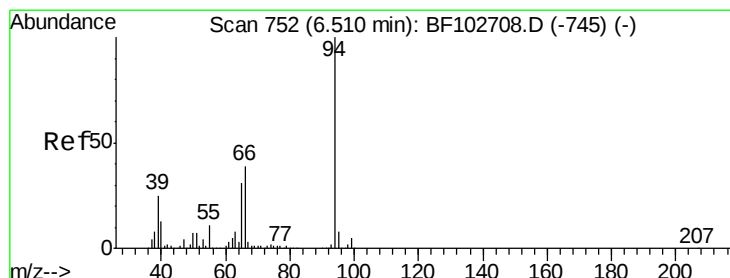
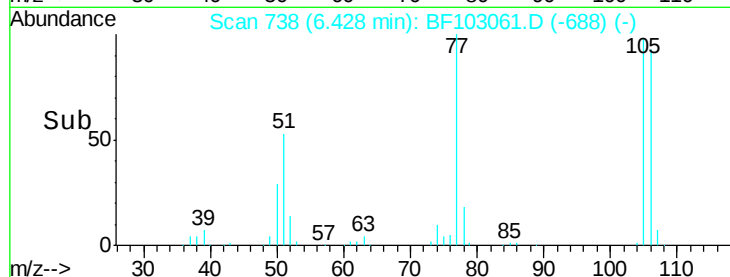
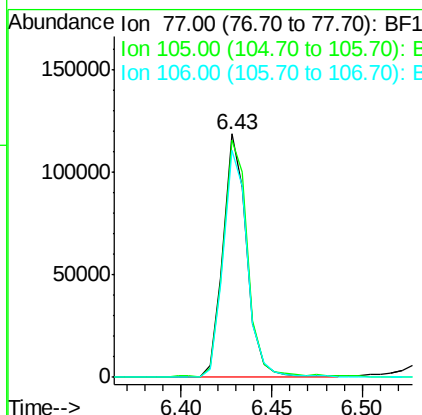
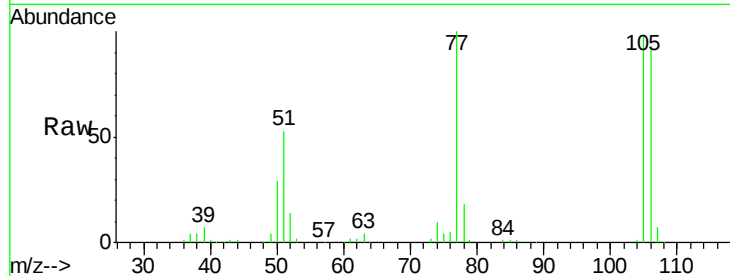
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Benzaldehyde
Concen: 10.485 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.6	81.1	121.1
106	93.2	74.5	114.5

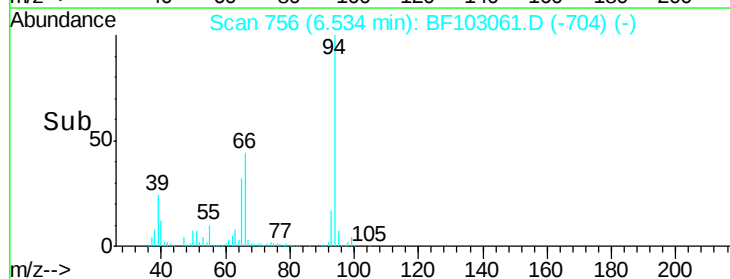
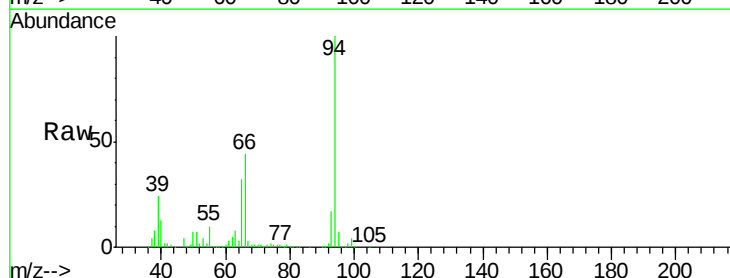
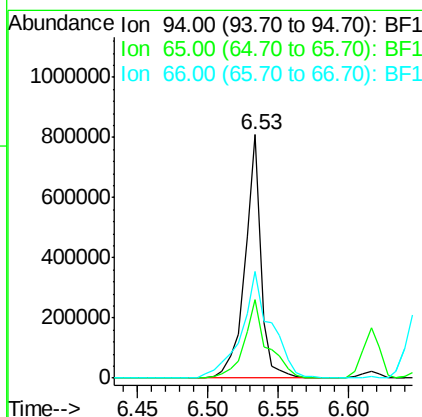
Manual Integrations
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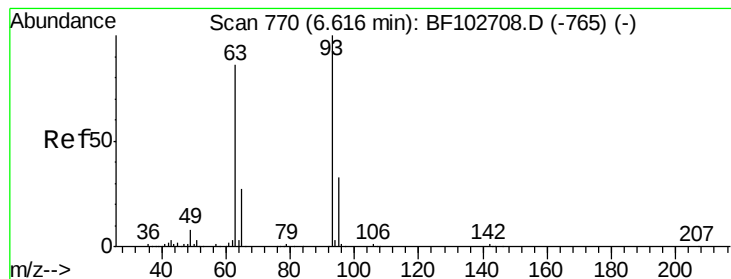
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#10
Phenol
Concen: 42.730 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	43.6	16.2	56.2





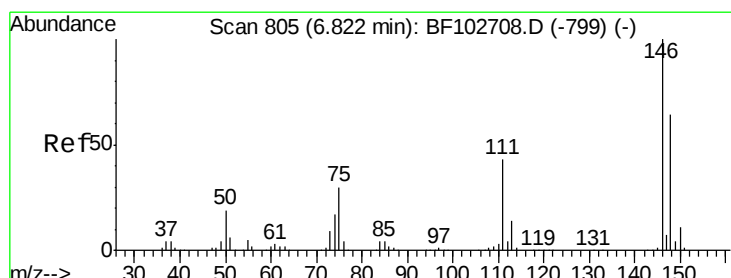
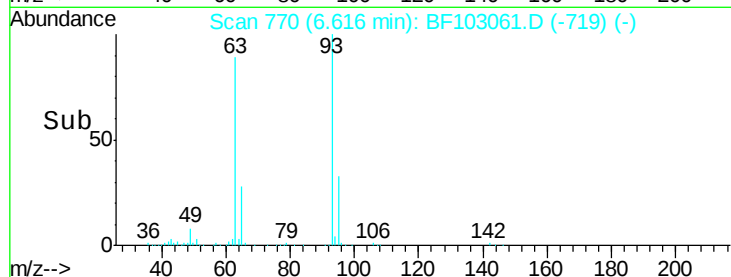
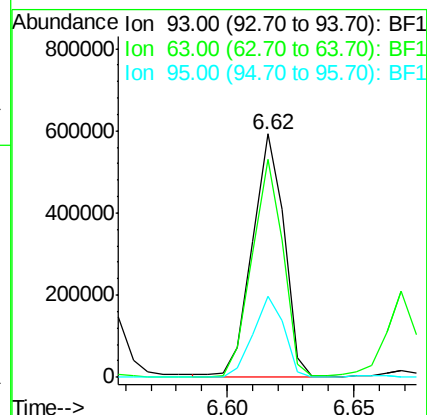
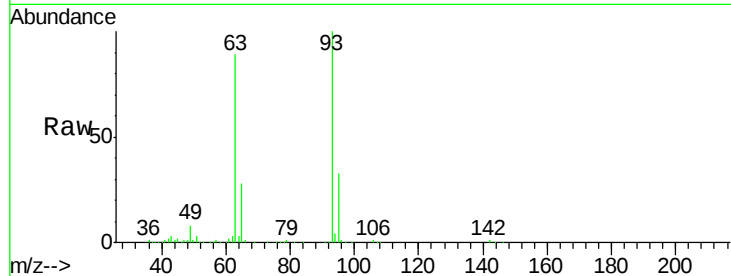
#11
bis(2-Chloroethyl)ether
Concen: 41.666 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.3	58.6	98.6
95	33.5	11.8	51.8

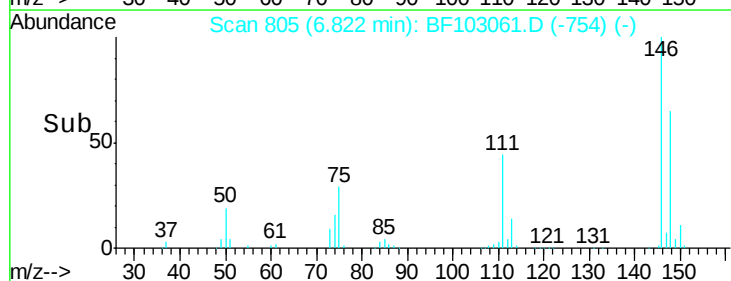
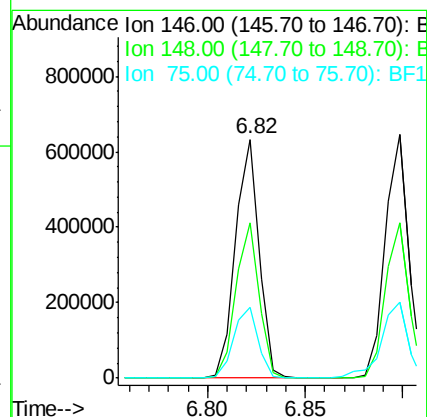
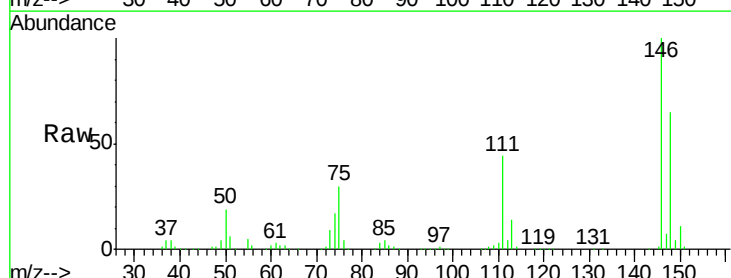
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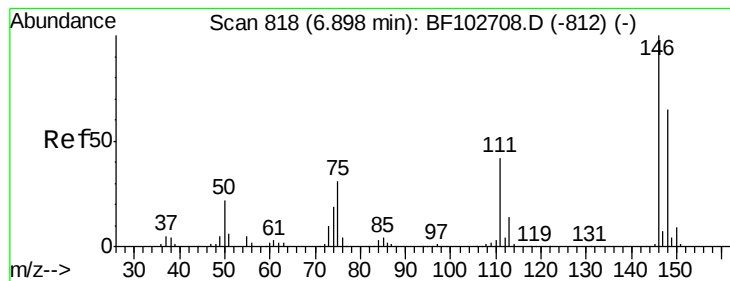
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#12
1,3-Dichlorobenzene
Concen: 38.687 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	29.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.930 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

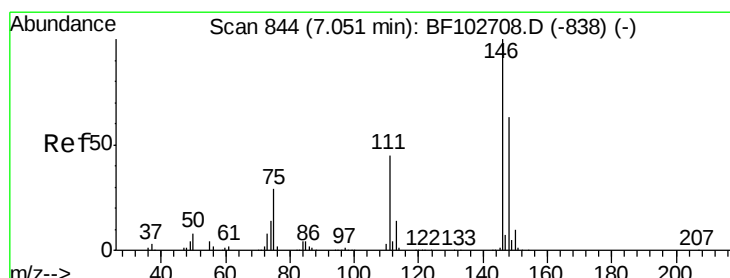
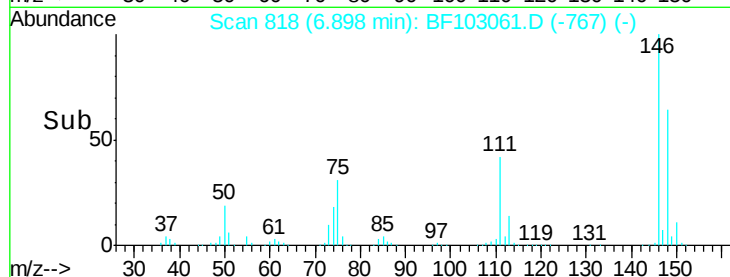
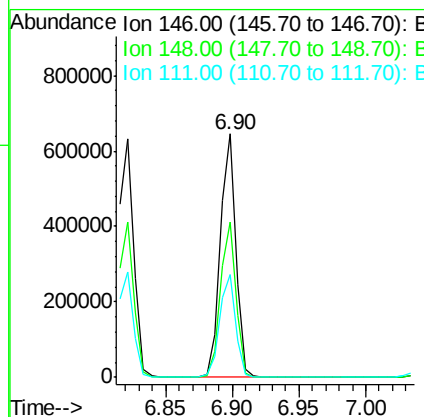
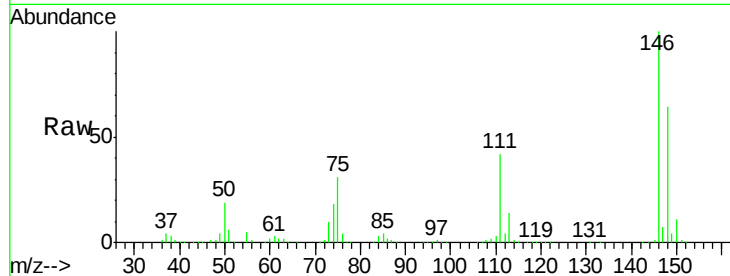
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	146	Resp:	533517
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.8	76.2
111	42.1	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.962 ng

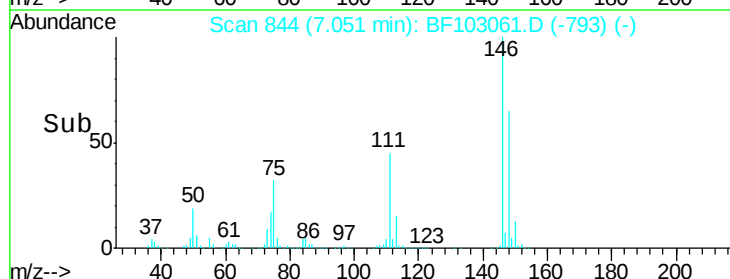
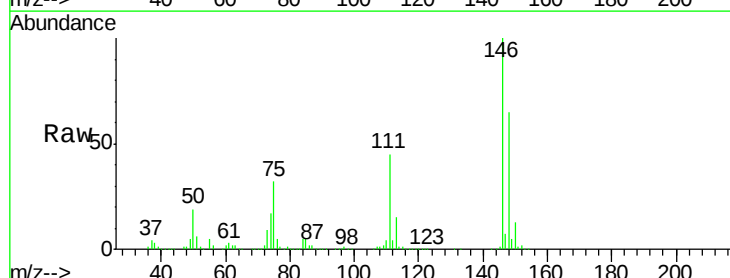
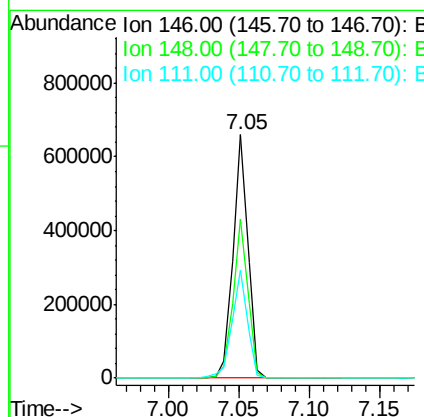
RT: 7.05 min Scan# 844

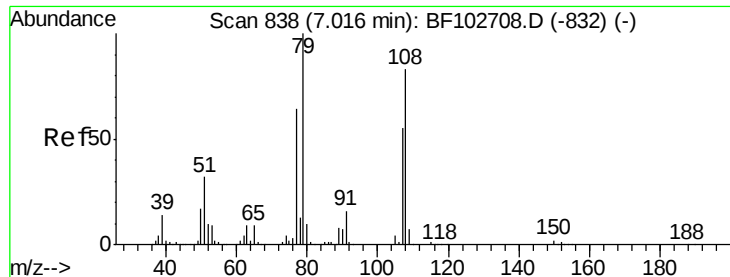
Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	146	Resp:	484570
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.169 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

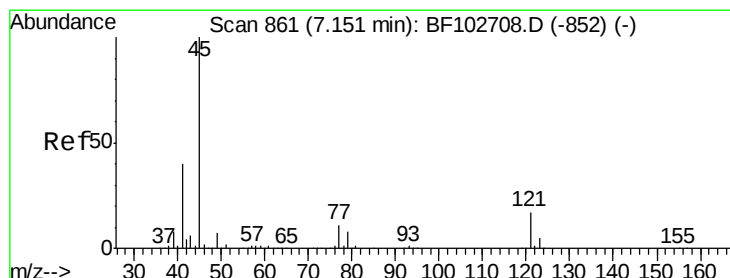
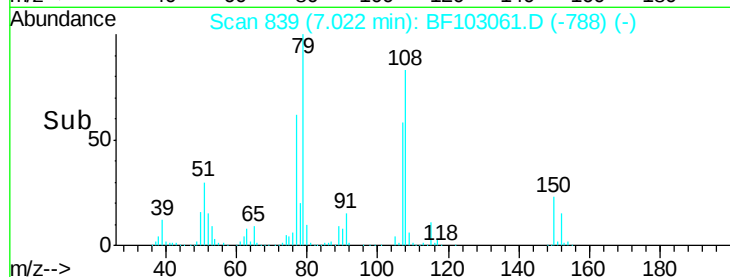
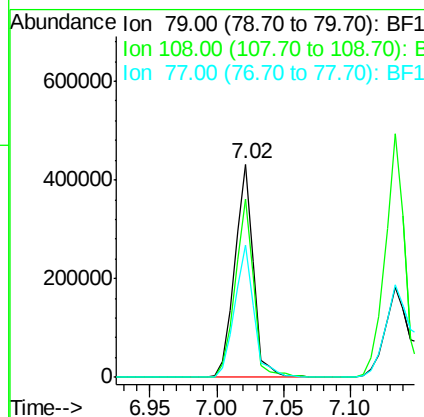
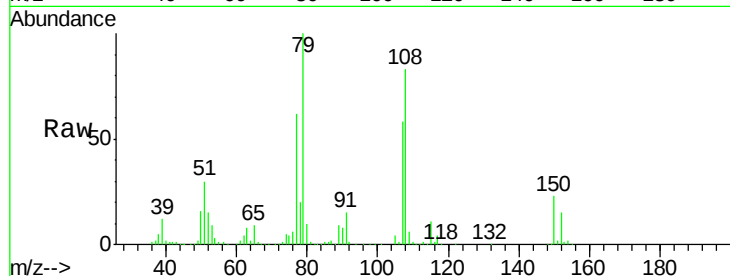
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	79	Resp:	429108
Ion Ratio	Lower	Upper	
79	100		
108	83.3	65.1	97.7
77	62.2	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.519 ng

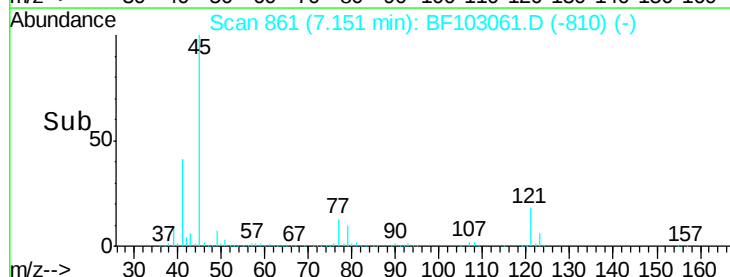
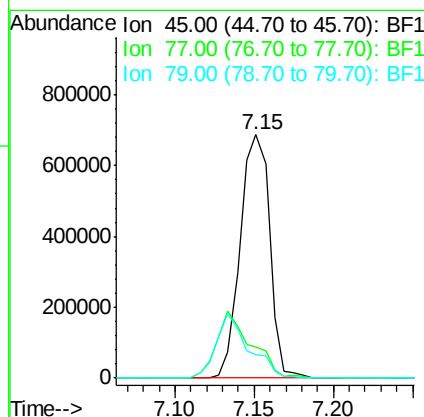
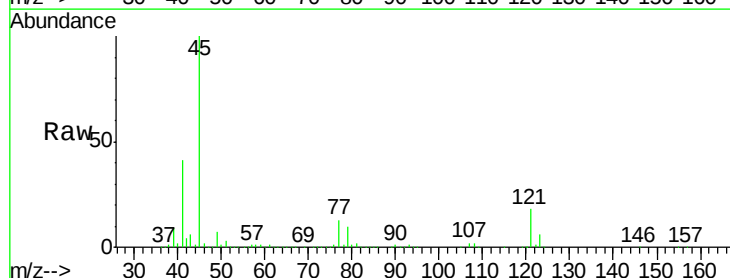
RT: 7.15 min Scan# 861

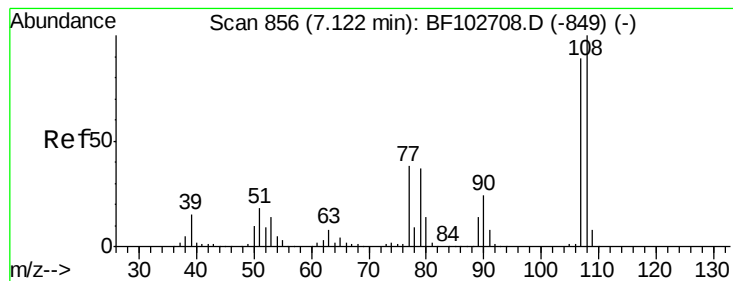
Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	45	Resp:	883107
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.9
79	9.8	0.0	29.6





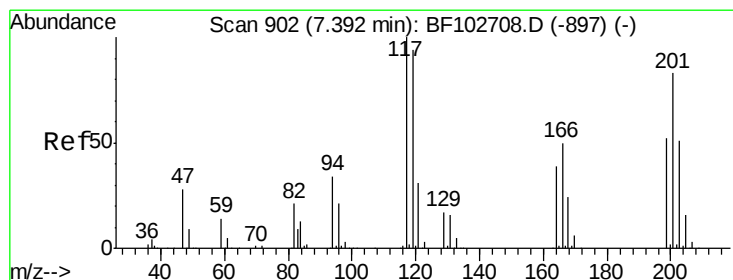
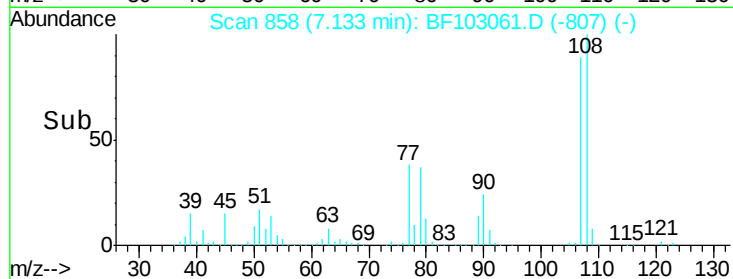
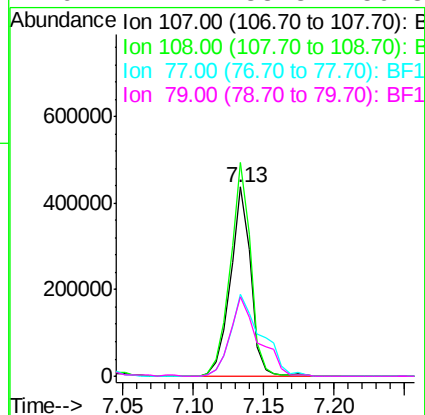
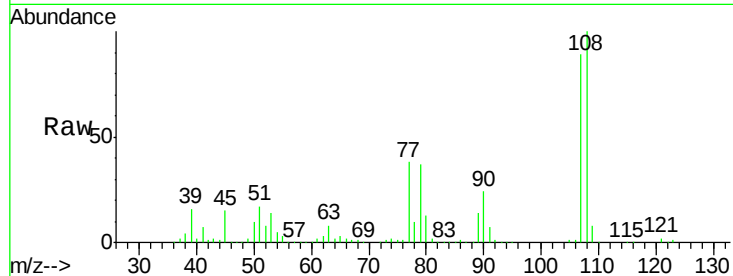
#17
2-Methylphenol
Concen: 39.752 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	435621		
108	112.8	91.7	137.5	
77	43.2	33.8	50.8	
79	41.7	33.8	50.8	

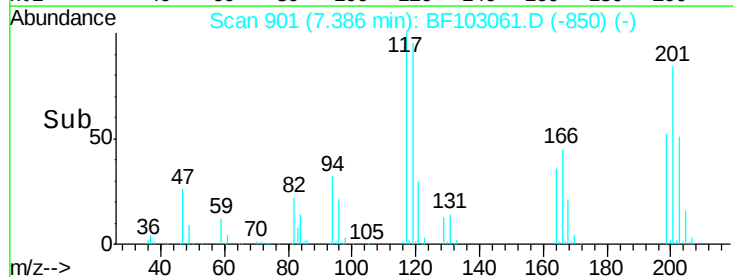
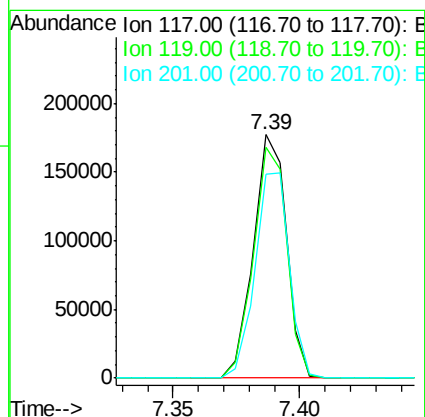
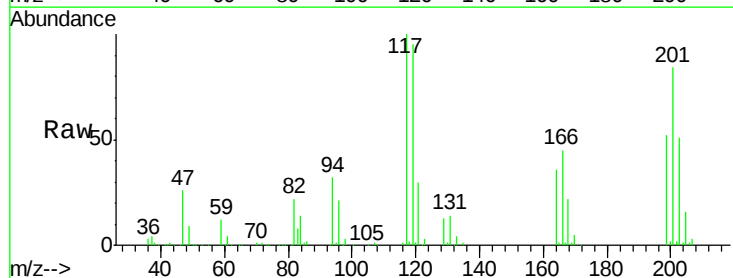
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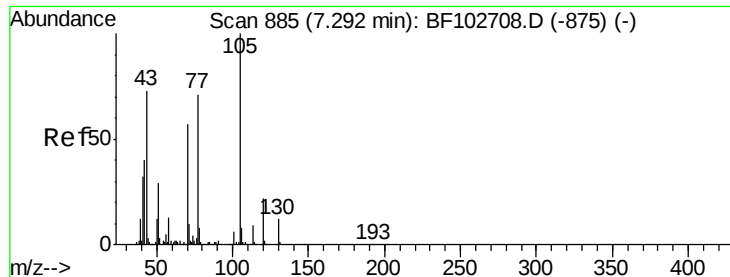
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#18
Hexachloroethane
Concen: 34.494 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	162100		
119	94.9	75.8	113.8	
201	83.5	75.7	113.5	





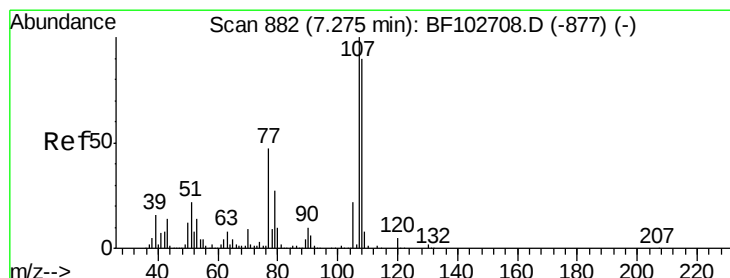
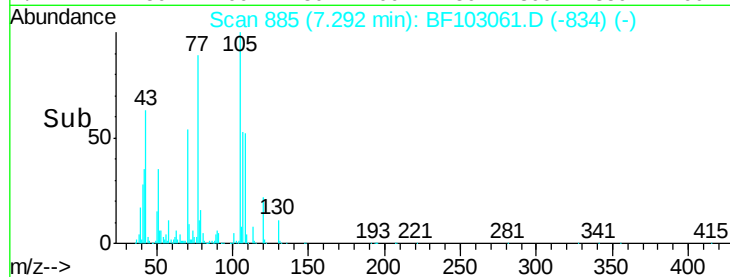
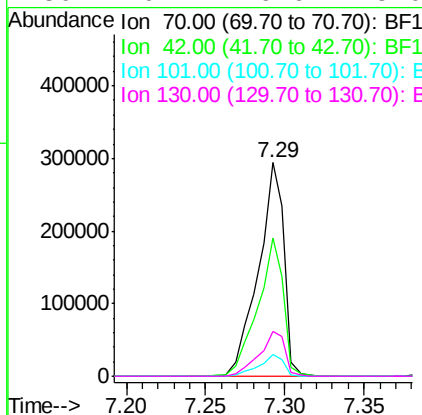
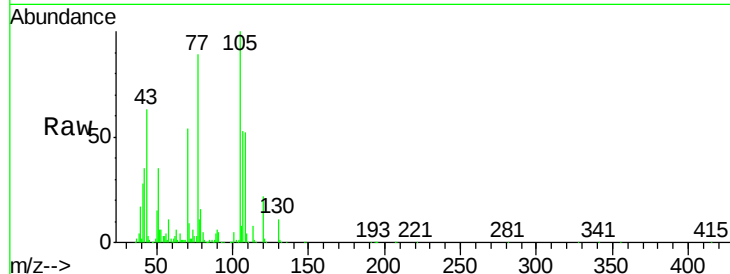
#19
n-Nitroso-di-n-propylamine
Concen: 36.448 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	10.0	7.4	11.2
130	20.7	16.6	25.0

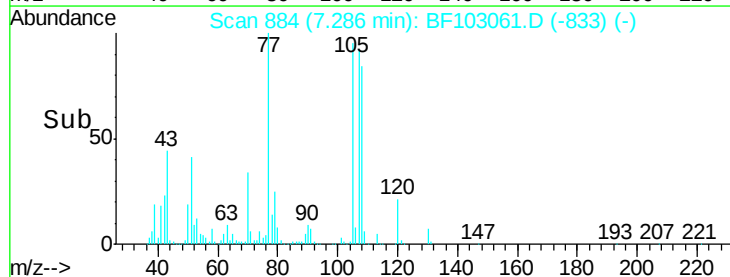
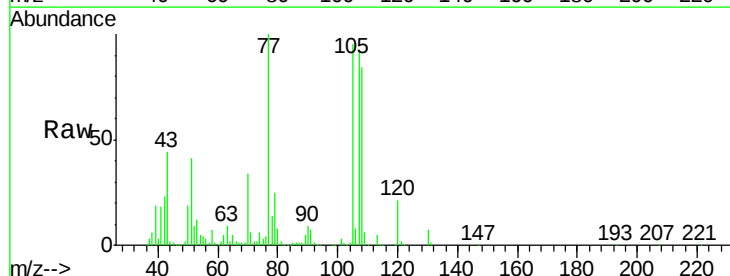
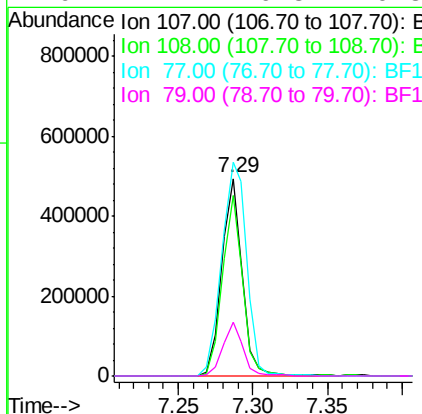
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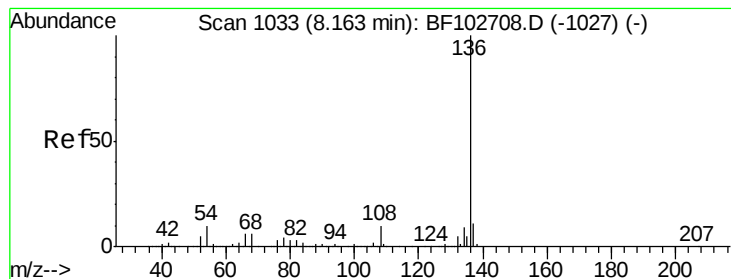
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#20
3+4-Methylphenols
Concen: 35.364 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	108.1	26.7	66.7#
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103061.D

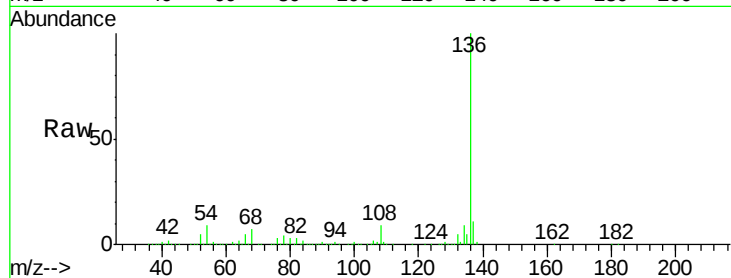
Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

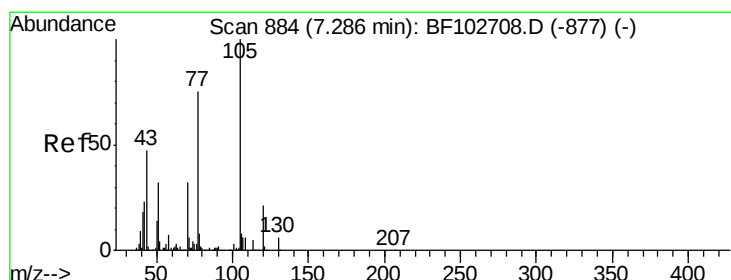
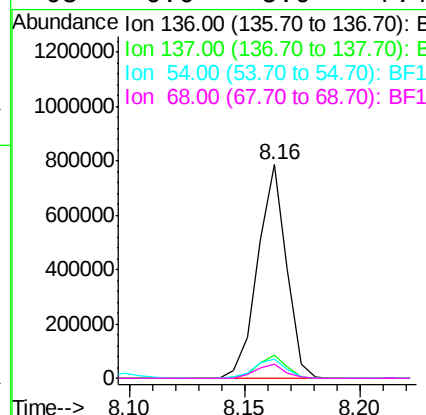
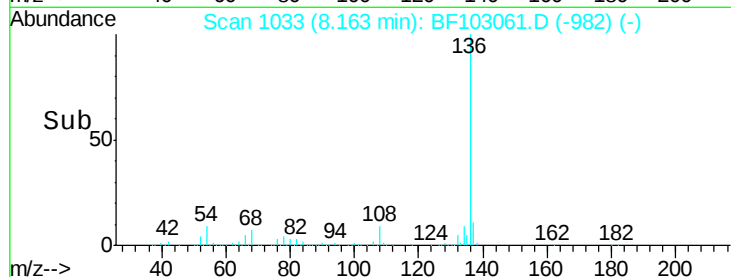
FK-GF-02-012-AMSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	683810		
137	11.0	8.9	13.3	
54	9.3	6.6	9.8	
68	6.6	5.0	7.4	

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#22

Acetophenone

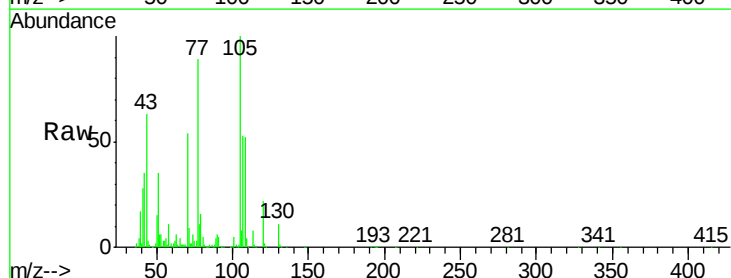
Concen: 39.000 ng

RT: 7.29 min Scan# 885

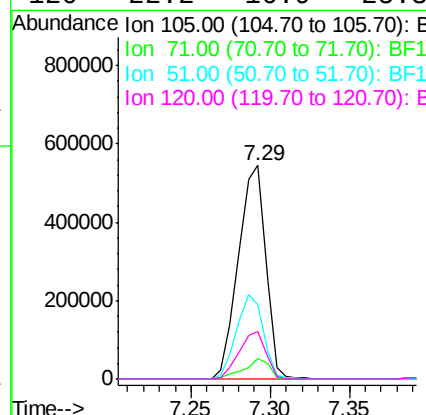
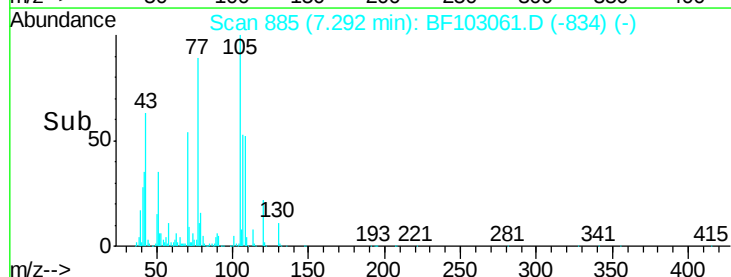
Delta R.T. -0.00 min

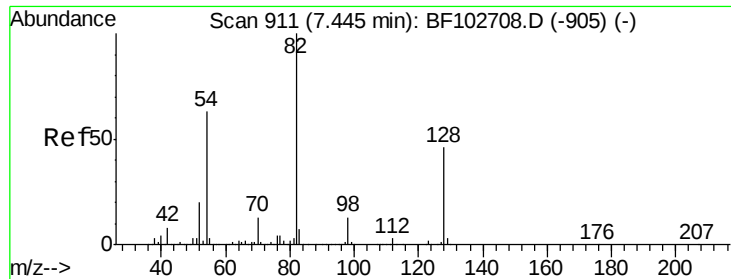
Lab File: BF103061.D

Acq: 16 Feb 2018 19:13



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	652604		
71	9.3	4.4	6.6#	
51	34.9	22.3	33.5#	
120	22.2	16.9	25.3	





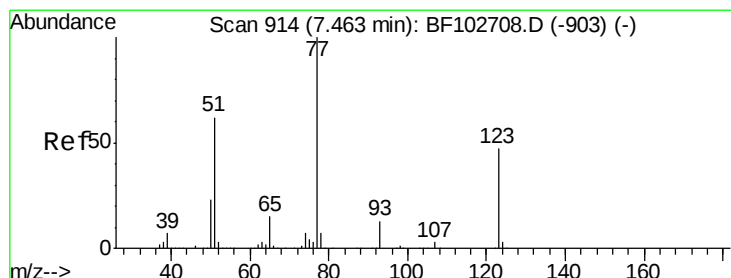
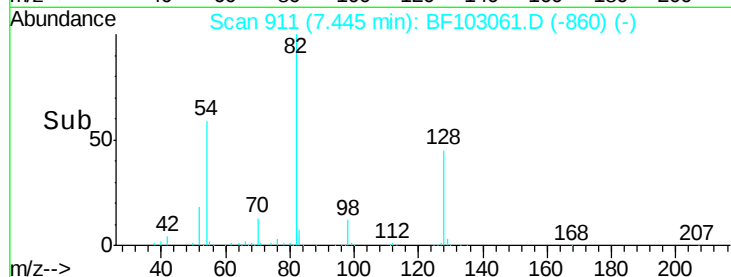
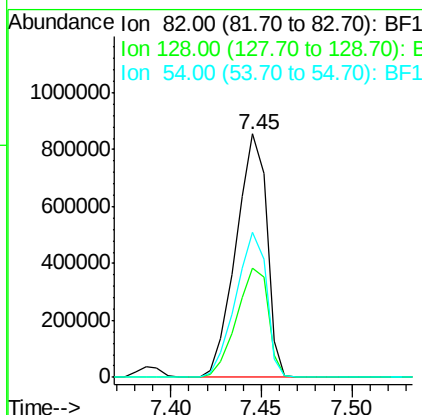
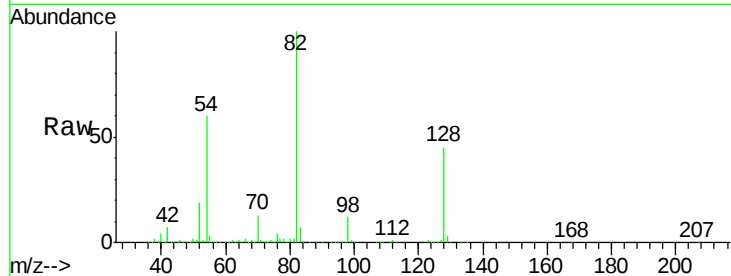
#23
 Nitrobenzene-d5
 Concen: 102.920 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion: 82 Resp: 1014517
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 59.7 41.4 62.2

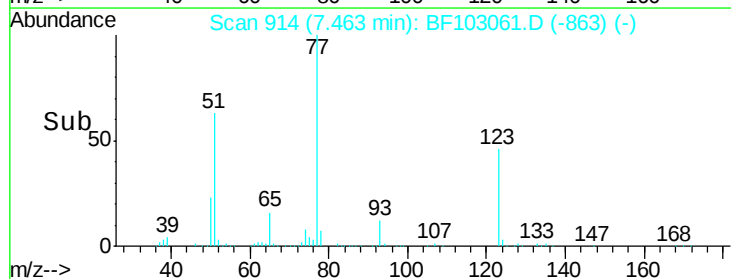
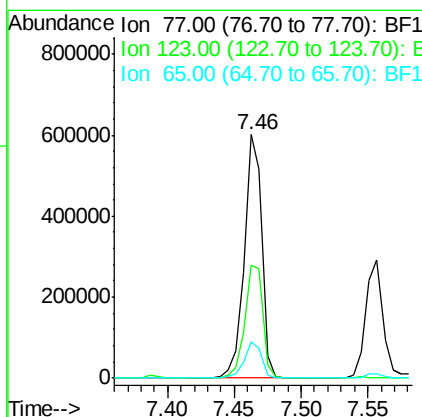
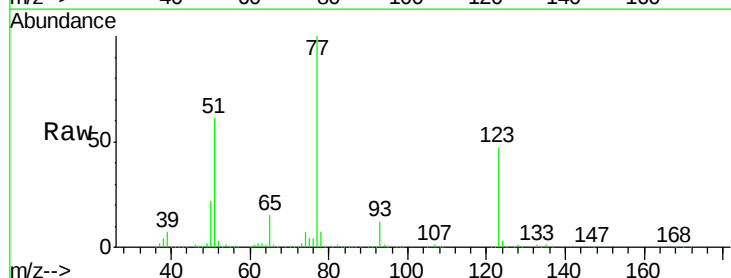
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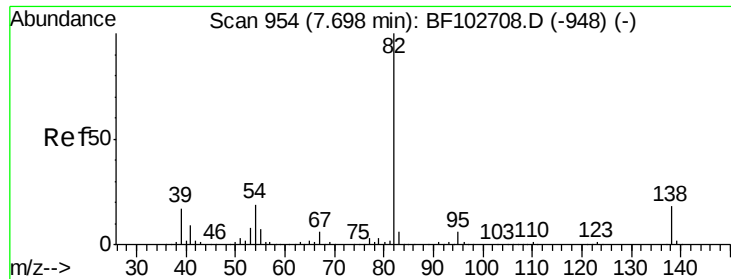
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#24
 Nitrobenzene
 Concen: 46.512 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion: 77 Resp: 539281
 Ion Ratio Lower Upper
 77 100
 123 46.5 37.9 56.9
 65 15.0 11.0 16.4





#25

Isophorone

Concen: 43.715 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

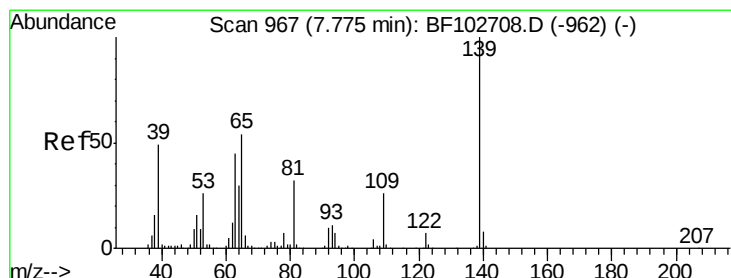
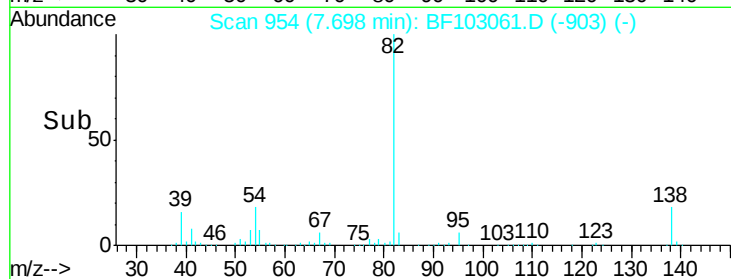
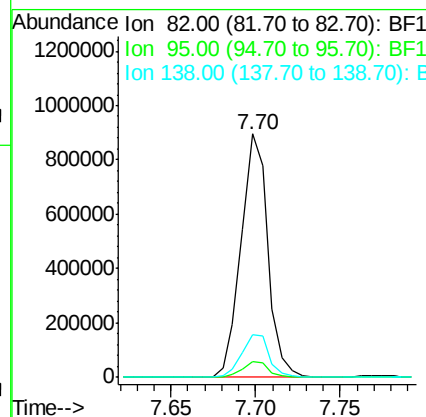
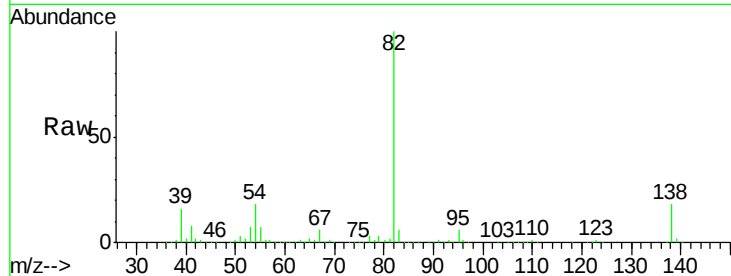
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	82	Resp:	992239
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 51.099 ng

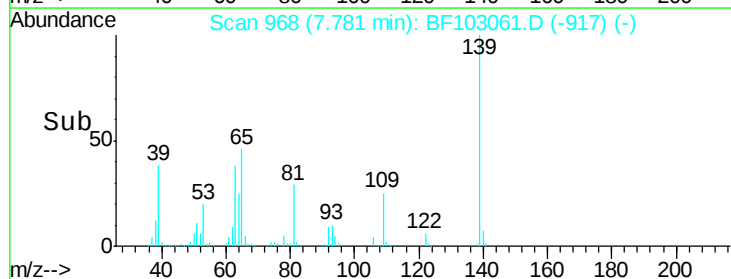
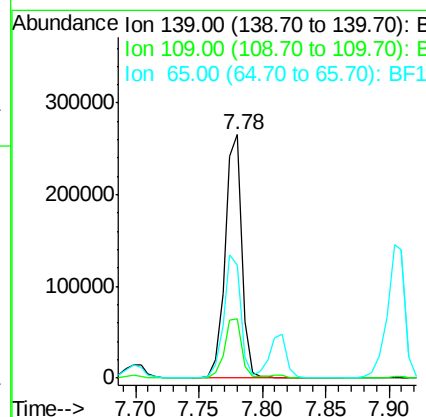
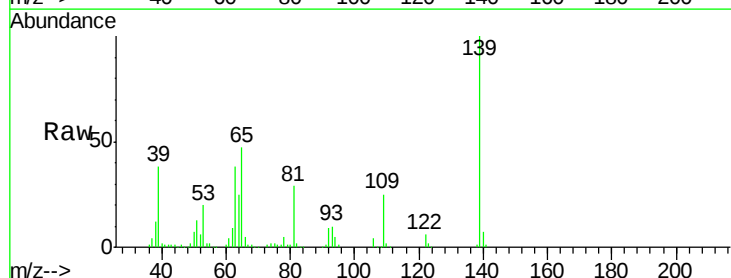
RT: 7.78 min Scan# 968

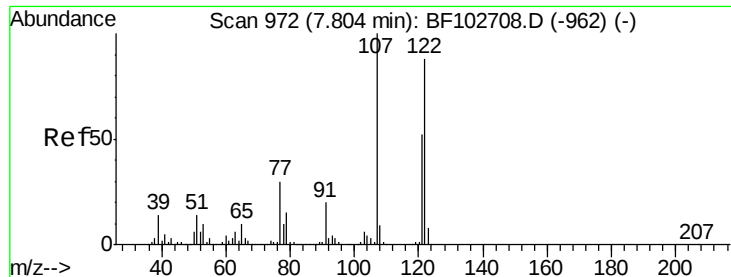
Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	139	Resp:	246670
Ion Ratio	Lower	Upper	
139	100		
109	24.6	22.7	34.1
65	46.6	40.5	60.7





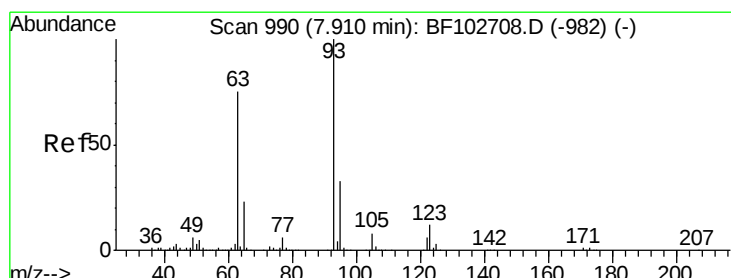
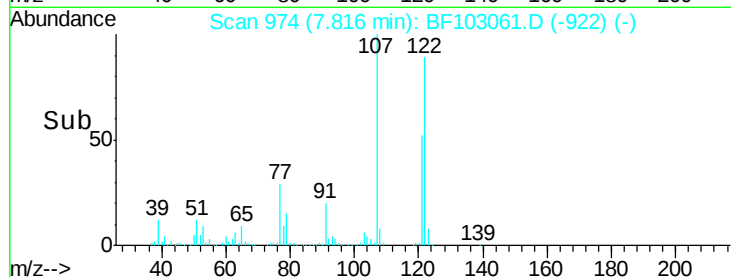
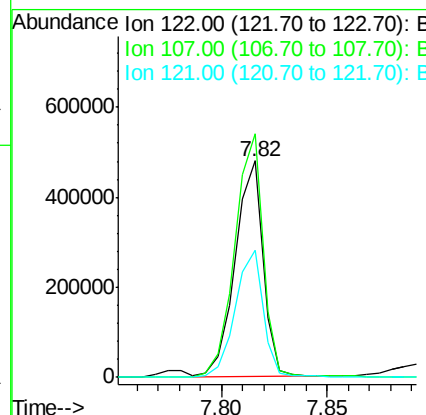
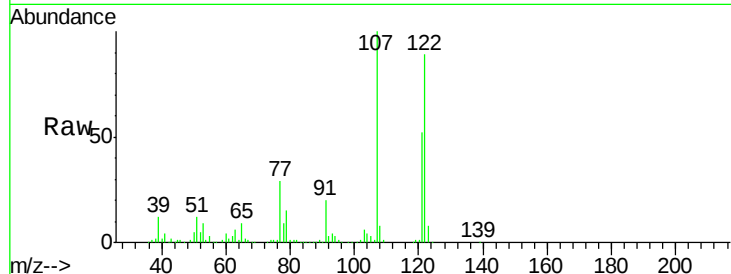
#27
 2,4-Dimethylphenol
 Concen: 45.639 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	437651		
107	112.6	91.2	136.8	
121	58.9	47.2	70.8	

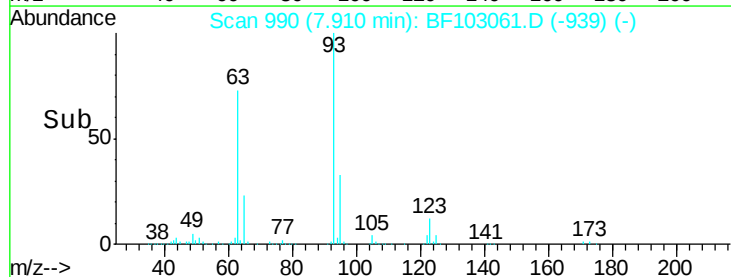
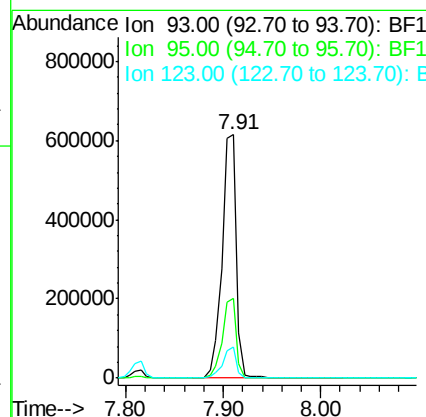
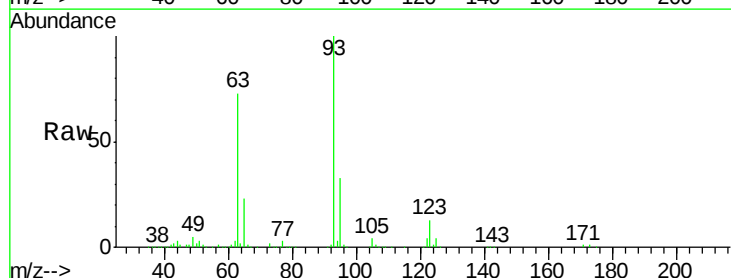
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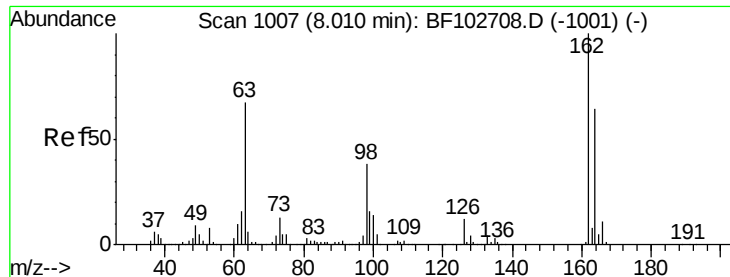
Sohil
 2/19/2018 11:09:50 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.168 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	620778		
95	32.8	26.3	39.5	
123	12.6	9.8	14.6	





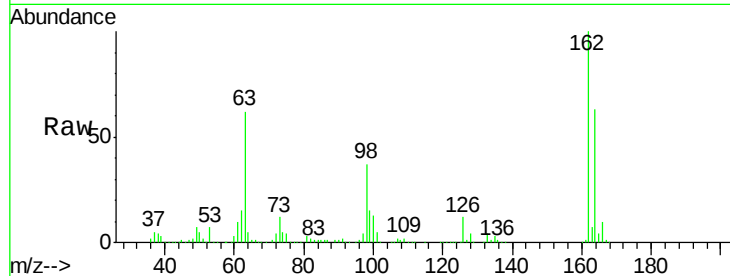
#29
2,4-Dichlorophenol
Concen: 45.354 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

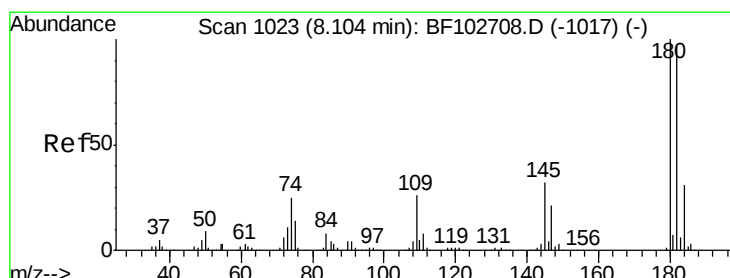
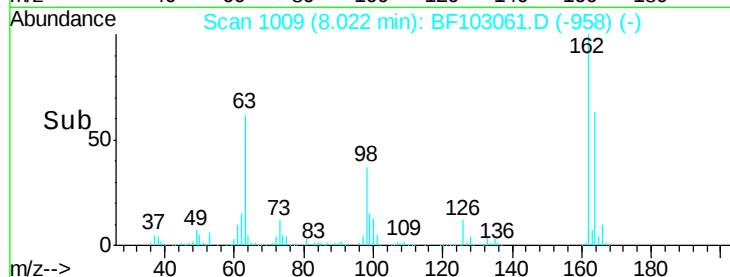
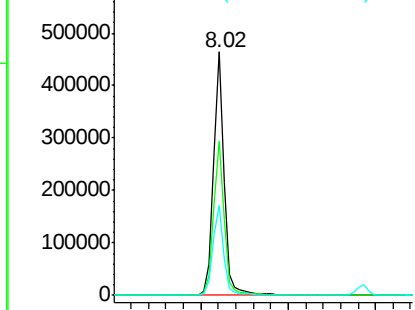
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	395369		
164	63.3	42.7	82.7	
98	37.0	18.1	58.1	

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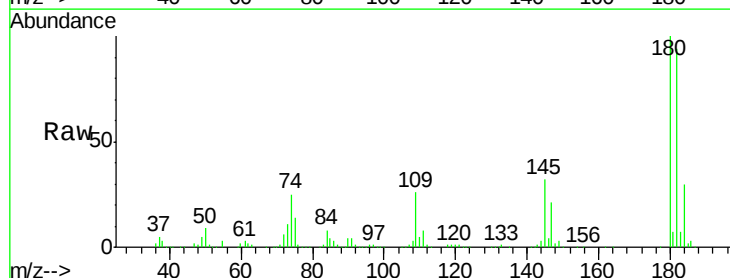


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

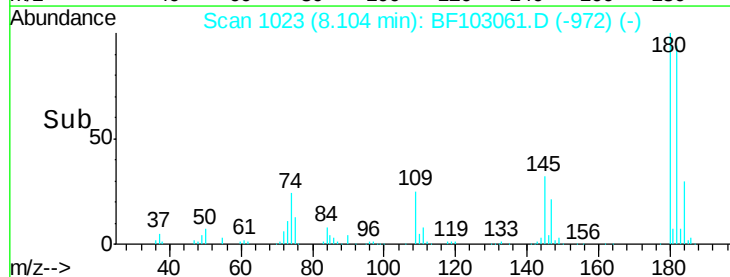
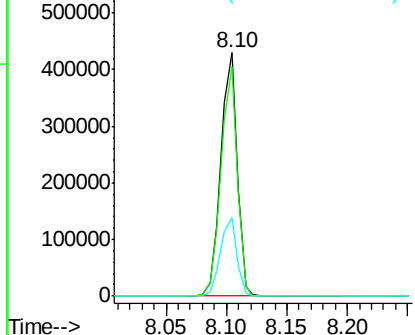


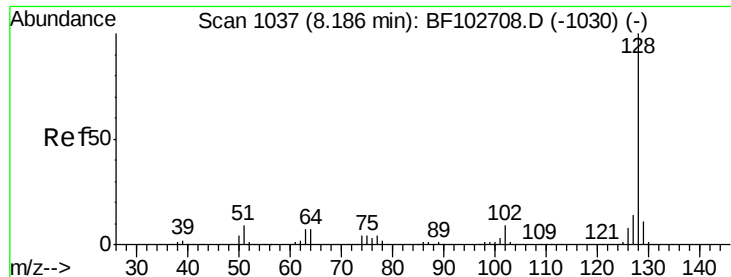
#30
1,2,4-Trichlorobenzene
Concen: 40.546 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	399855		
182	94.2	76.8	115.2	
145	32.5	26.5	39.7	



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





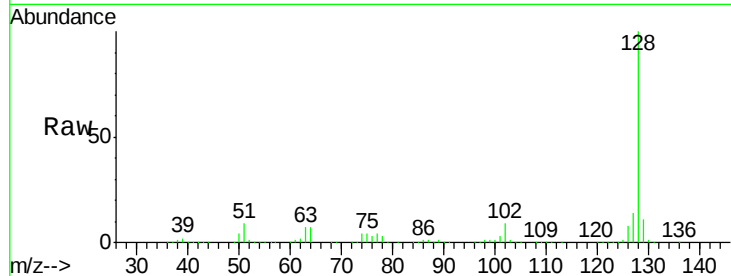
#31
Naphthalene
Concen: 40.370 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

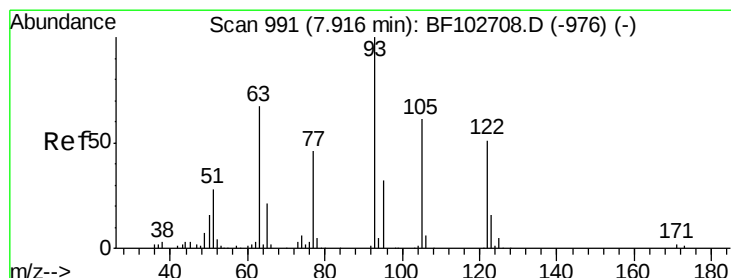
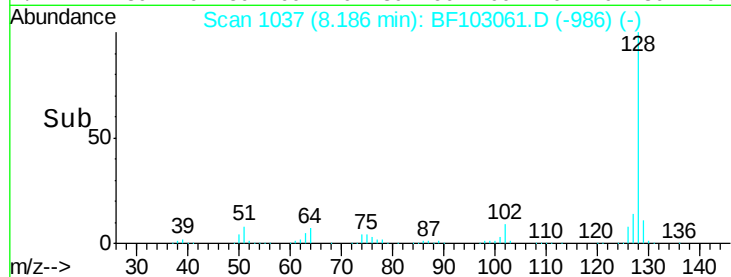
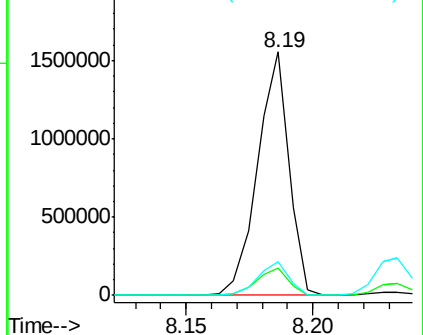
Tgt Ion:128 Resp: 1348756
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3

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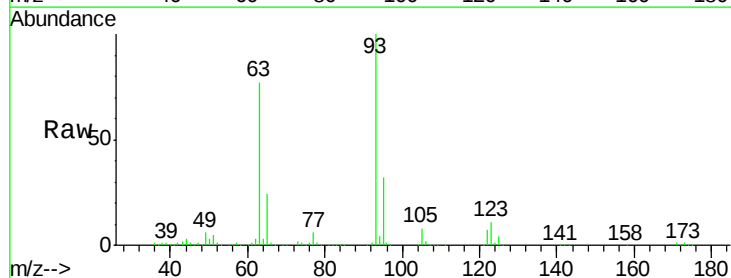


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

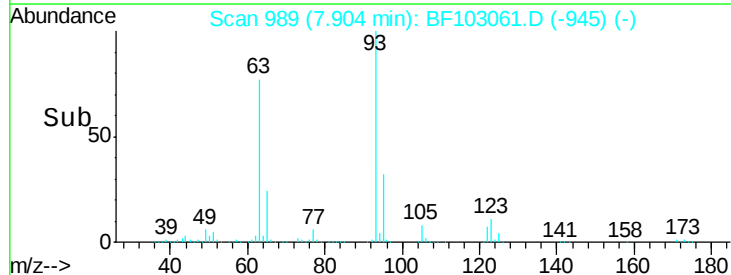
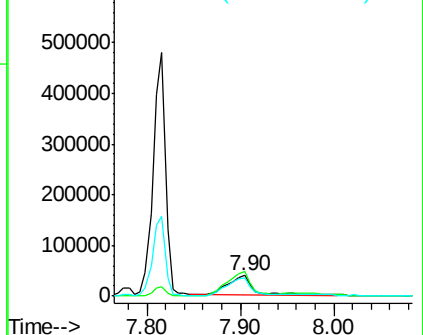


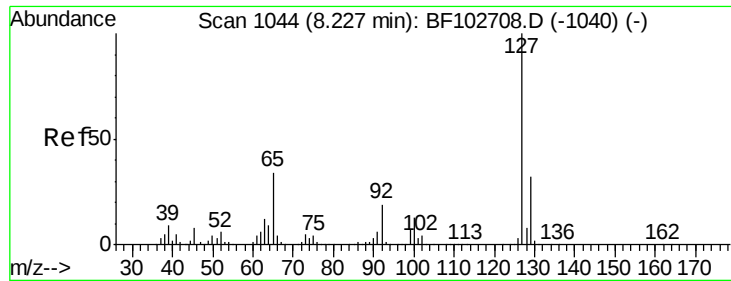
#32
Benzoic acid
Concen: 18.701 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:122 Resp: 74251
Ion Ratio Lower Upper
122 100
105 119.5 101.1 141.1
77 89.5 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





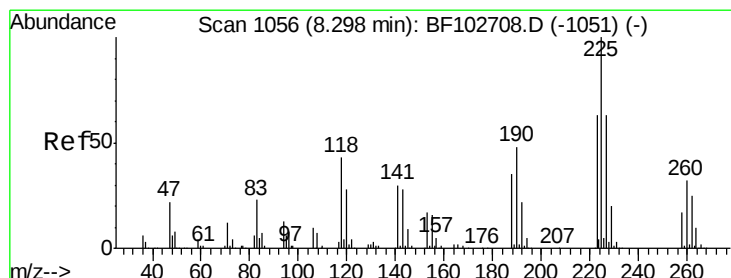
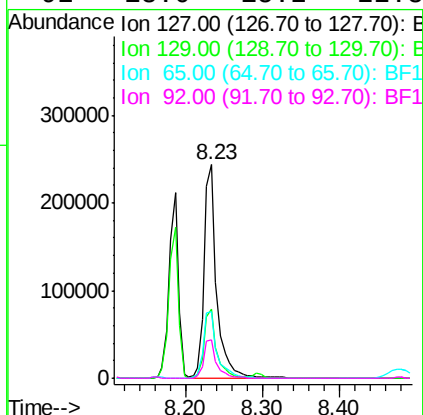
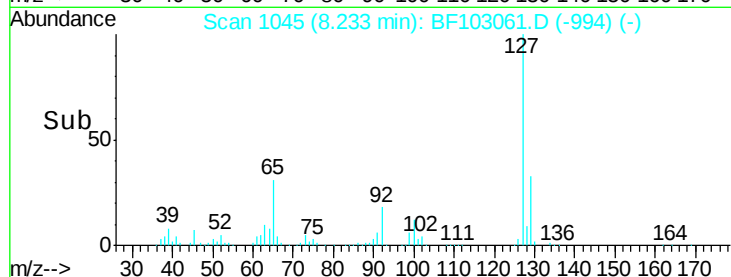
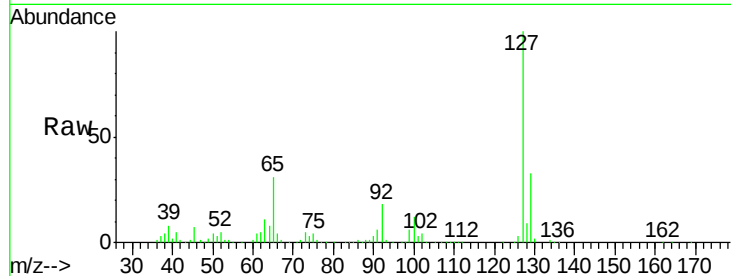
#33
4-Chloroaniline
Concen: 19.307 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	277871		
129	32.6	25.9	38.9	
65	31.3	25.0	37.4	
92	18.0	15.2	22.8	

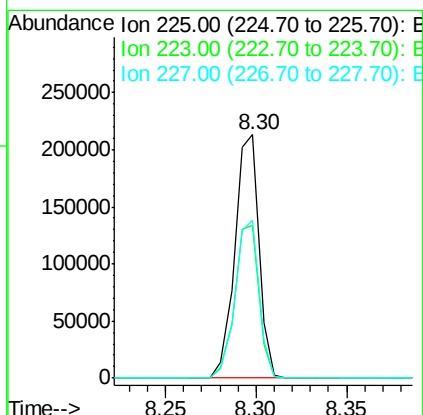
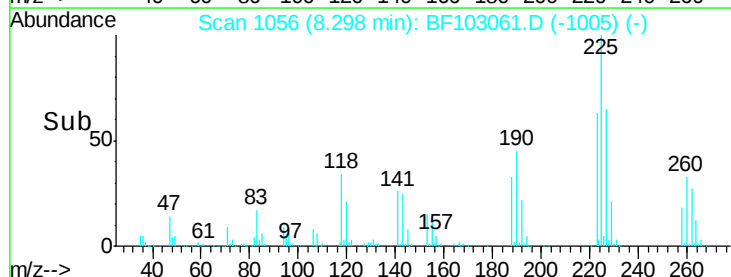
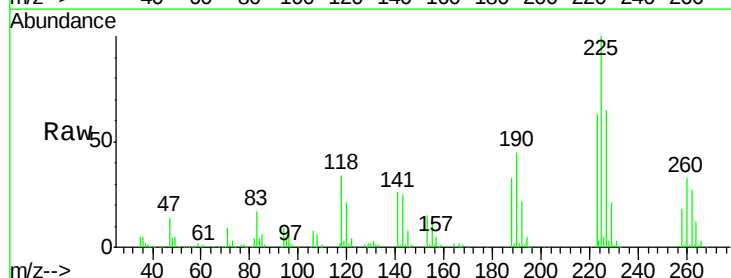
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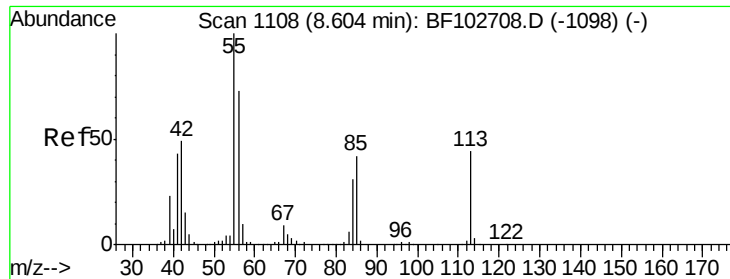
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#34
Hexachlorobutadiene
Concen: 39.085 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197515		
223	62.7	50.6	76.0	
227	64.8	51.9	77.9	





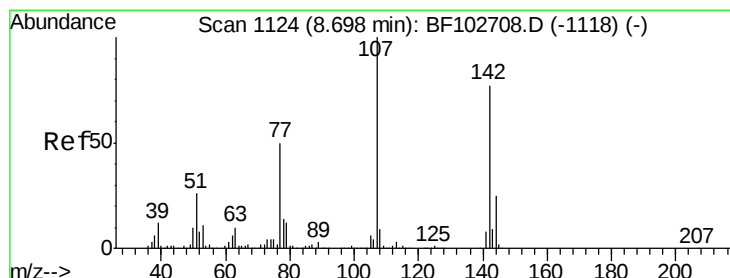
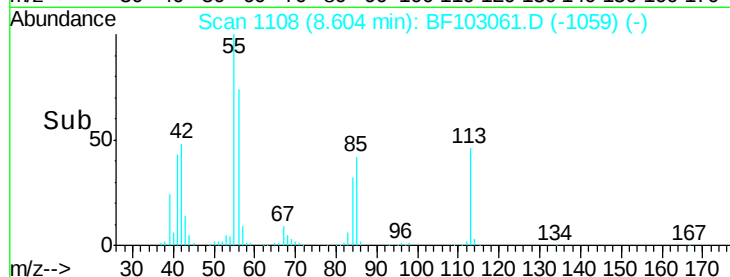
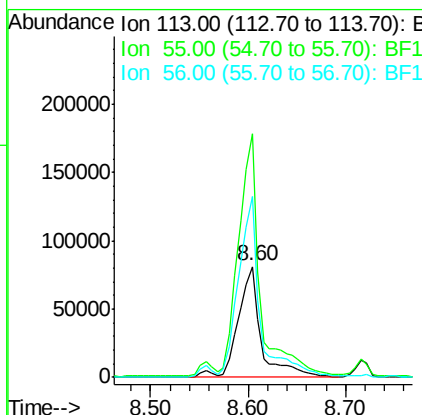
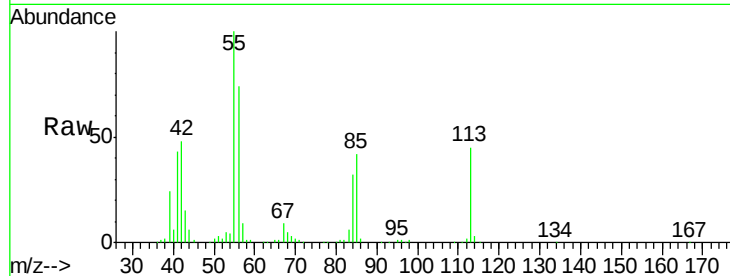
#35
 Caprolactam
 Concen: 44.158 ng m
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion:113 Resp: 133687
 Ion Ratio Lower Upper
 113 100
 55 220.0 163.3 203.3#
 56 162.9 115.7 155.7#

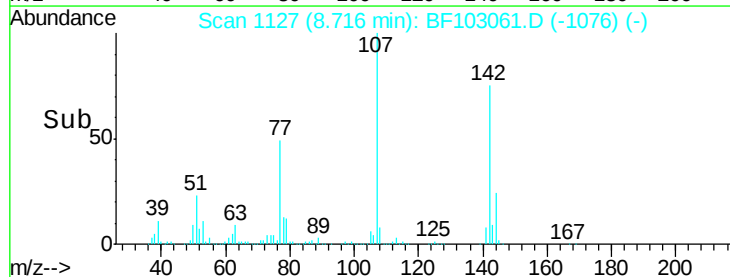
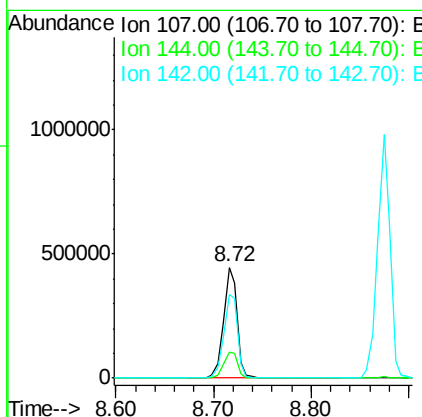
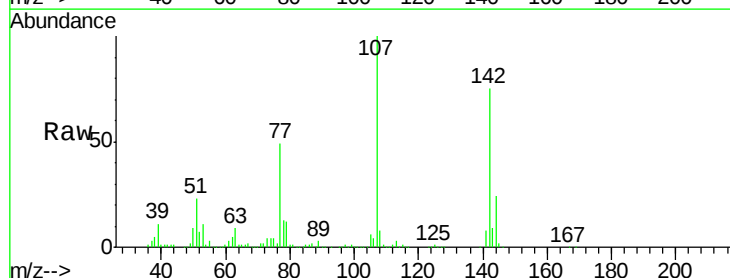
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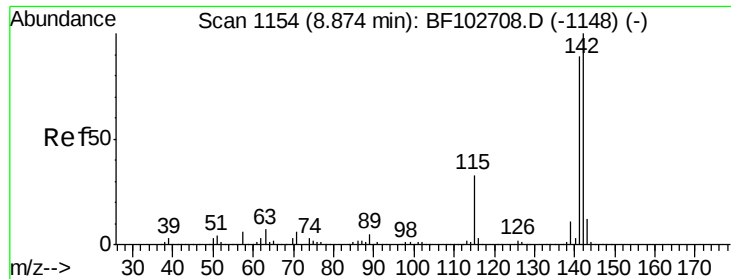
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#36
 4-Chloro-3-methylphenol
 Concen: 43.578 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion:107 Resp: 426832
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.5 30.7
 142 75.2 62.0 93.0





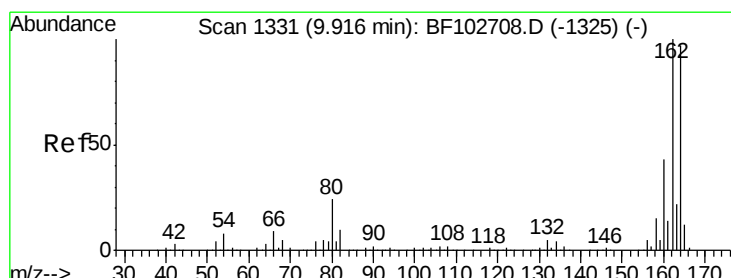
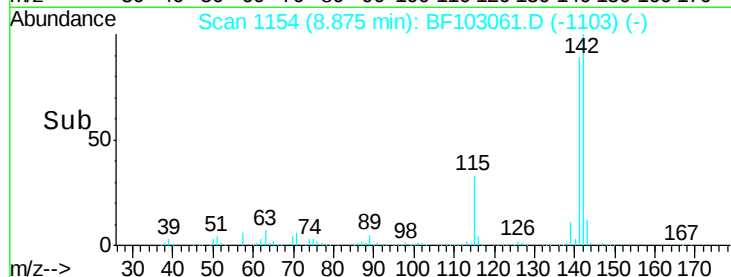
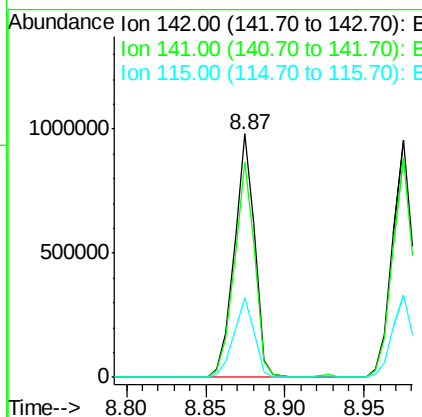
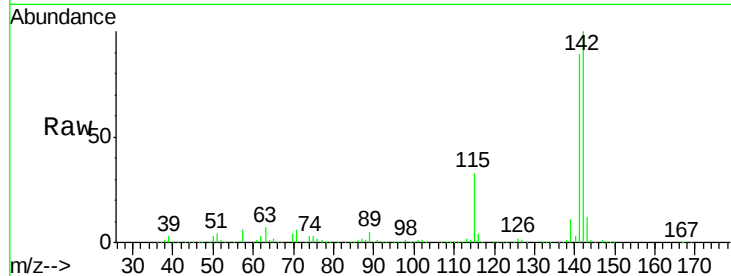
#37
2-Methylnaphthalene
Concen: 40.060 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	32.6	26.1	39.1

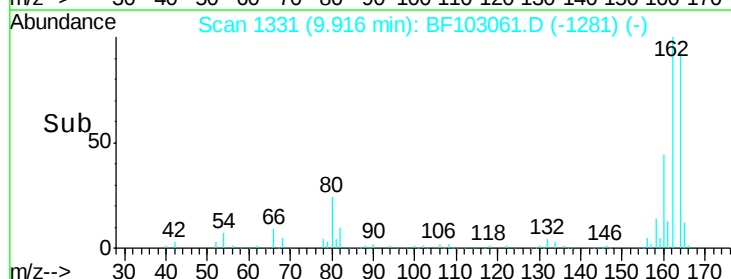
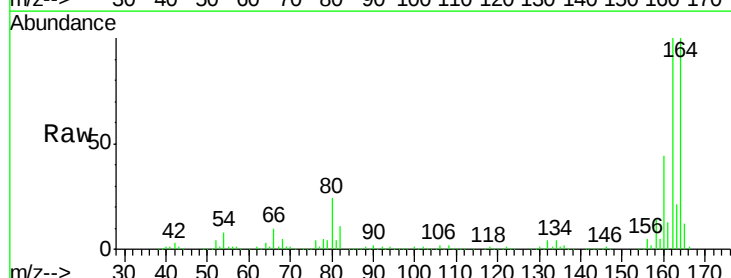
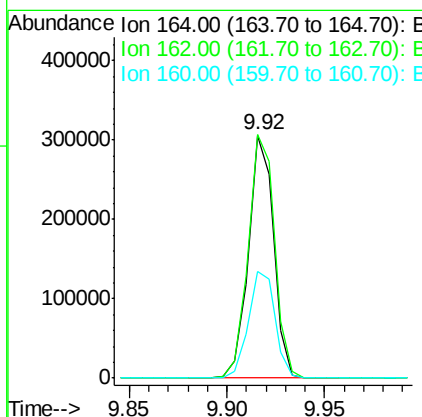
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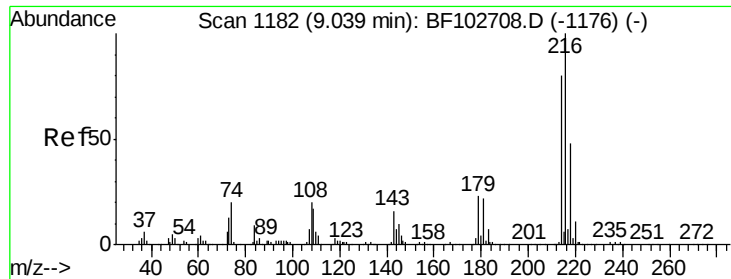
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	44.1	38.3	57.5





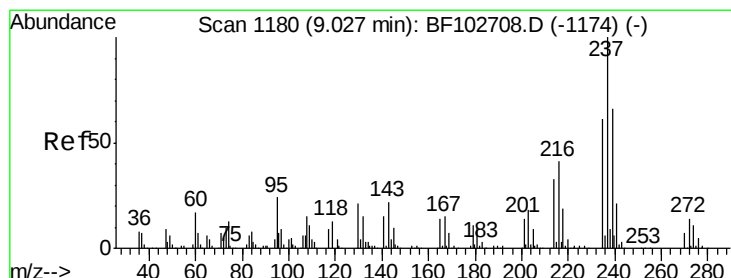
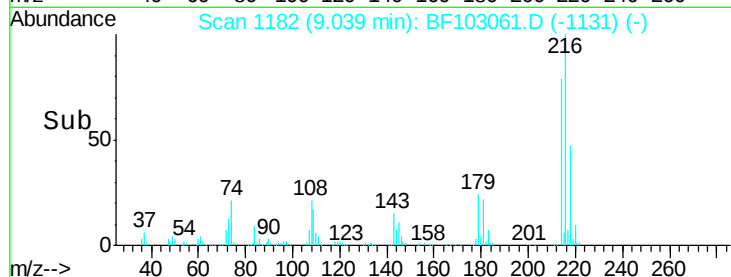
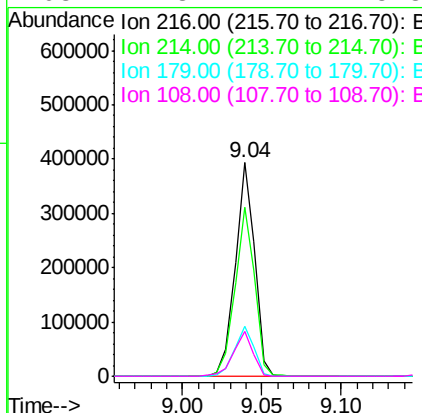
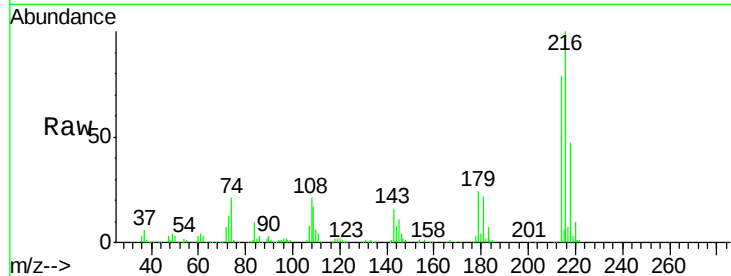
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.004 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	333499		
214	80.1	63.0	94.4	
179	23.6	18.1	27.1	
108	21.3	17.2	25.8	

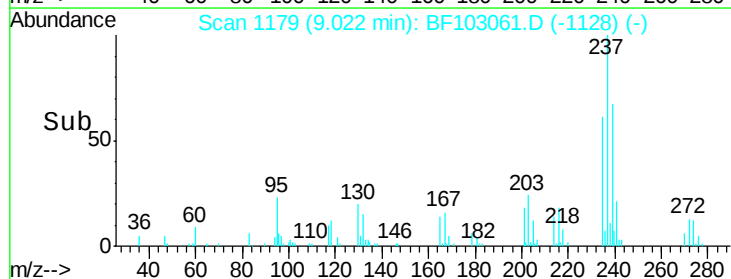
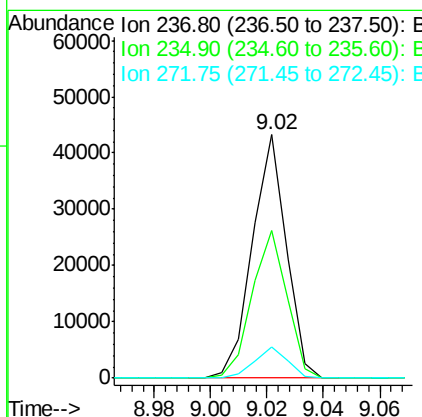
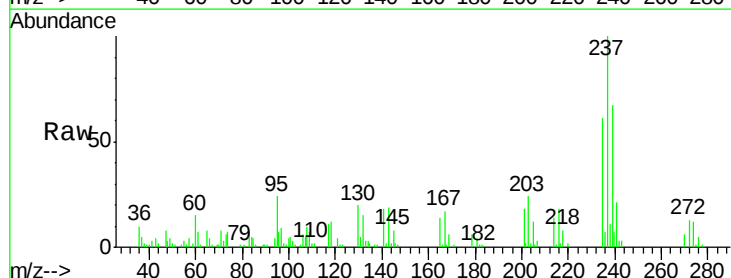
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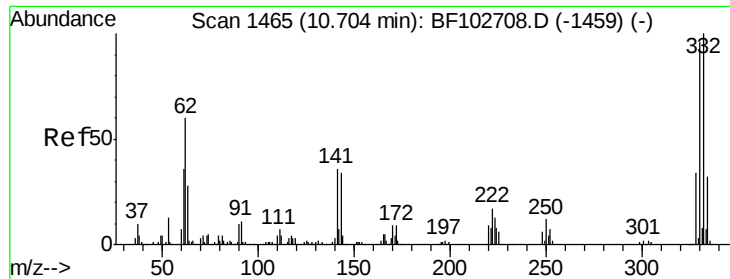
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#40
 Hexachlorocyclopentadiene
 Concen: 10.257 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	36133		
235	60.9	44.8	84.8	
272	13.0	0.0	33.3	





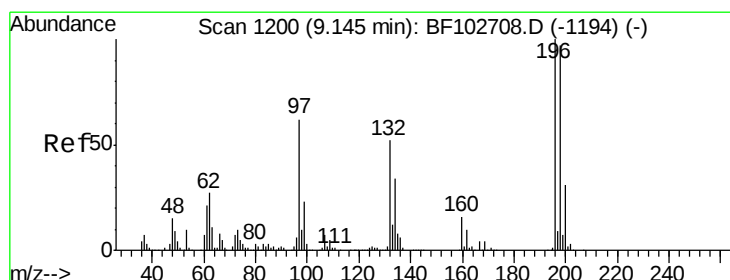
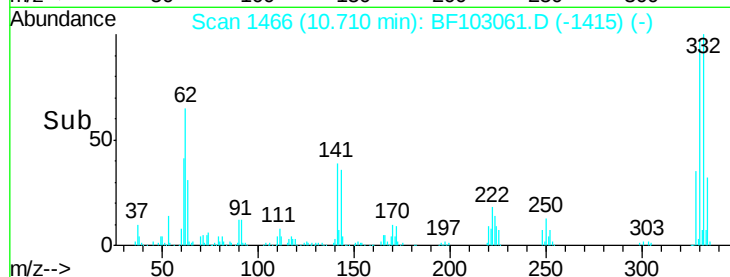
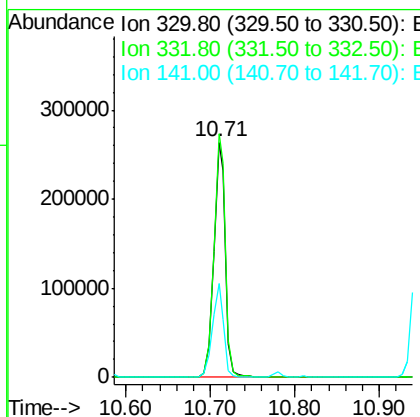
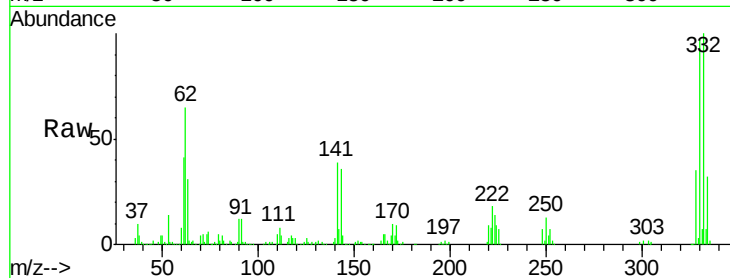
#41
 2,4,6-Tribromophenol
 Concen: 118.373 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	259304		
332	102.8	77.0	115.6	
141	39.1	29.9	44.9	

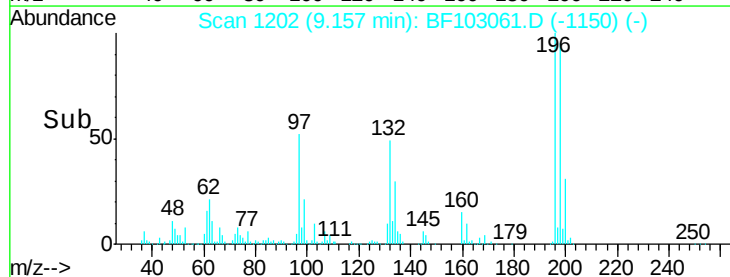
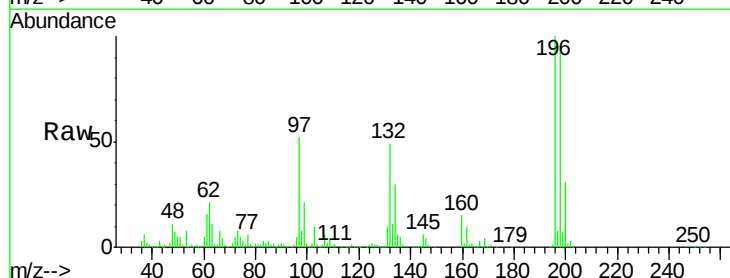
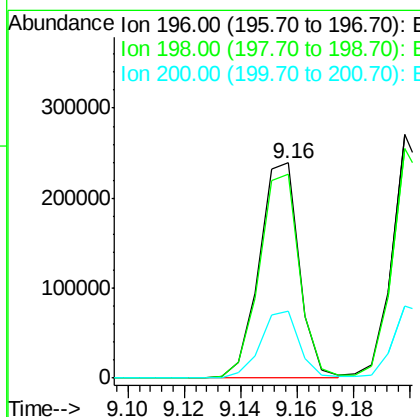
Manual Integrations
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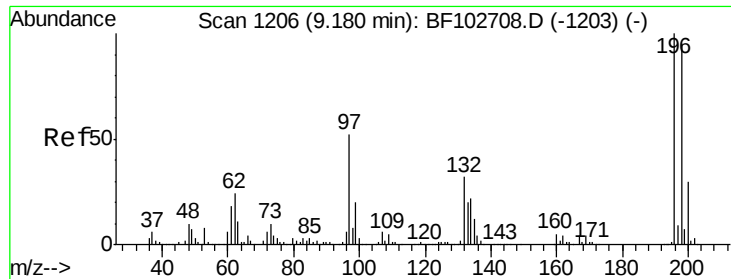
Sohil
 2/19/2018 11:09:50 AM



#42
 2,4,6-Trichlorophenol
 Concen: 48.420 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235677		
198	94.6	75.7	113.5	
200	31.0	24.5	36.7	





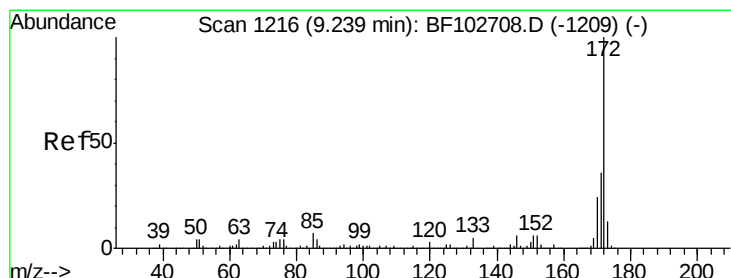
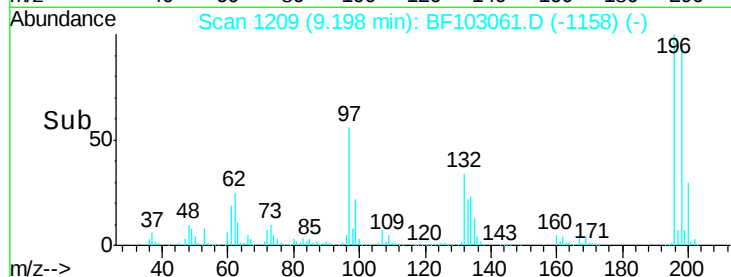
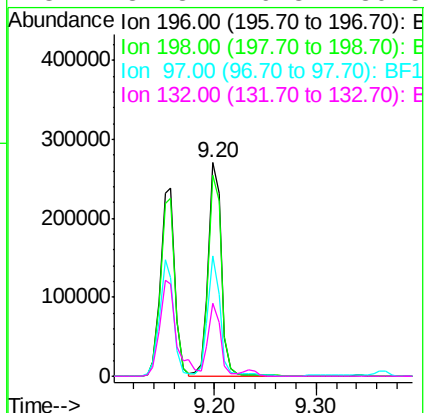
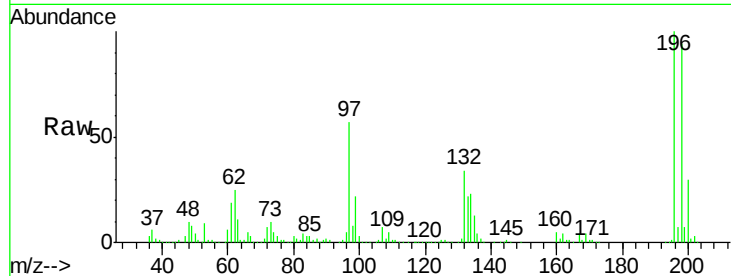
#43
 2,4,5-Trichlorophenol
 Concen: 44.512 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244190		
198	94.3	74.6	112.0	
97	56.5	42.9	64.3	
132	34.3	26.3	39.5	

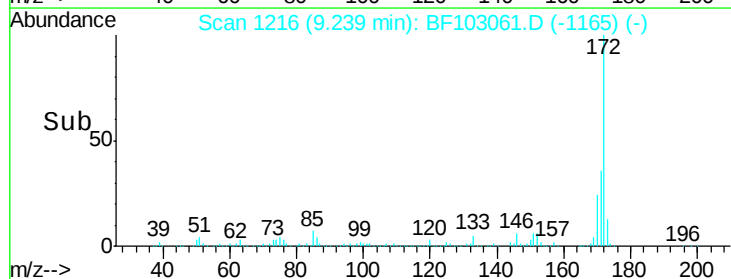
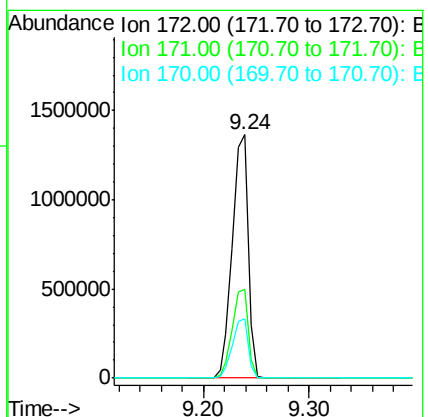
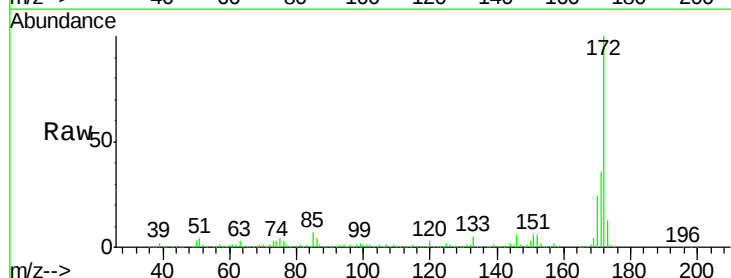
Manual Integrations
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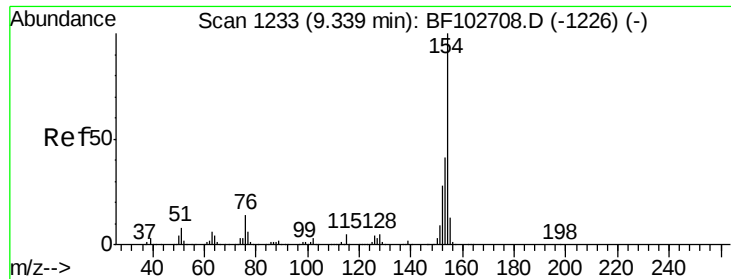
Sohil
 2/19/2018 11:09:50 AM



#44
 2-Fluorobiphenyl
 Concen: 86.199 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1413800		
171	36.3	29.7	44.5	
170	24.4	19.6	29.4	





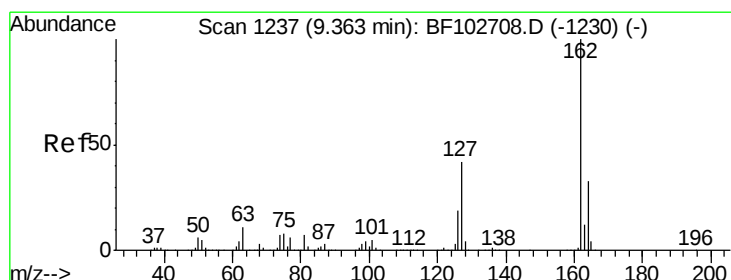
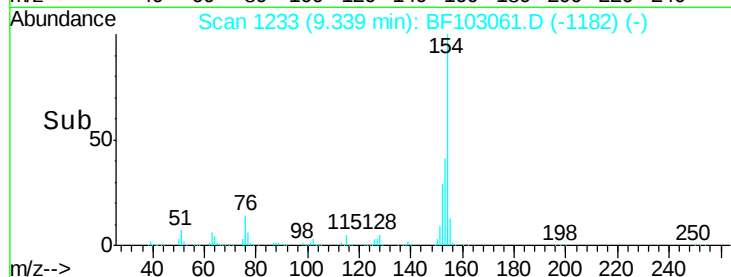
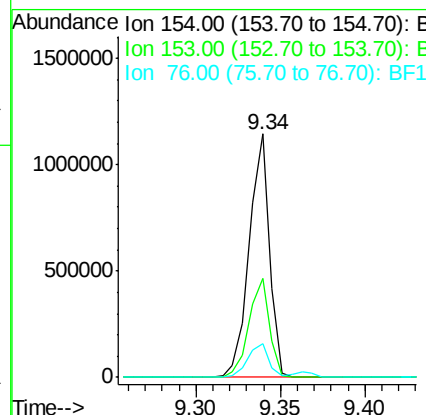
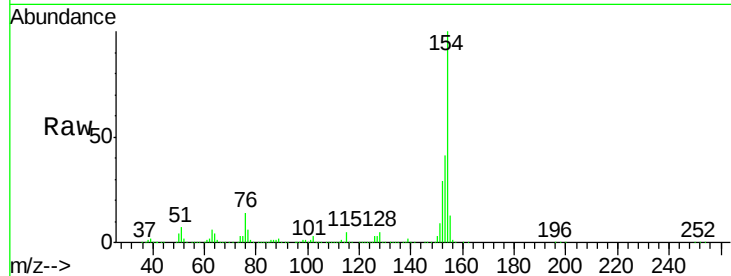
#45
 1,1'-Biphenyl
 Concen: 42.134 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.5	21.3	61.3
76	13.6	0.0	34.0

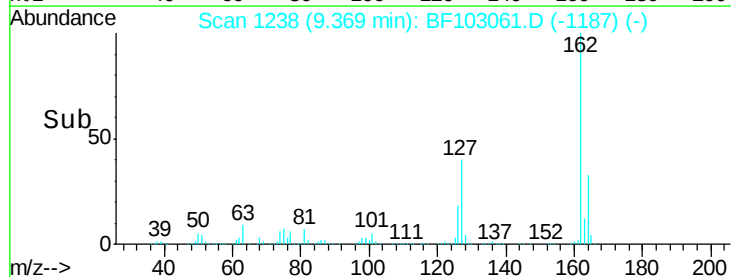
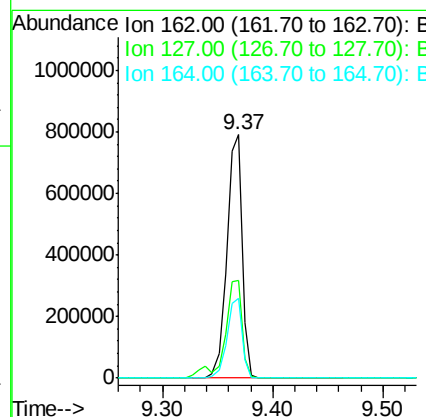
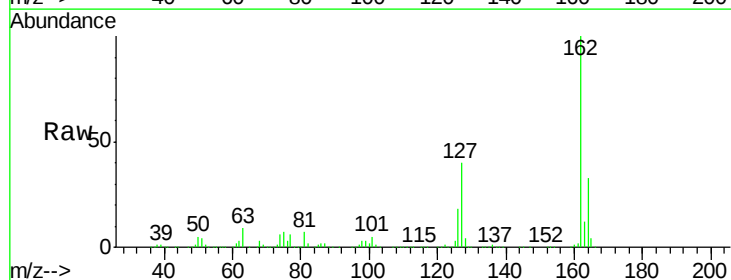
Manual Integrations
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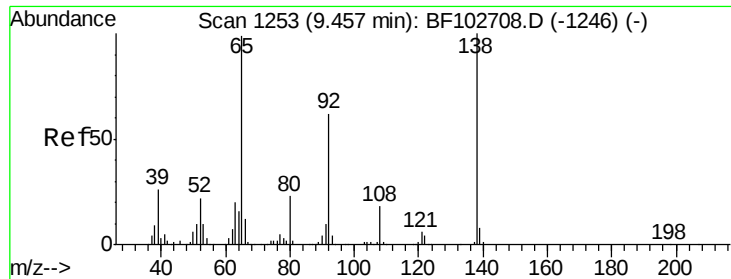
Sohil
 2/19/2018 11:09:50 AM



#46
 2-Chloronaphthalene
 Concen: 42.195 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.1	33.9	50.9
164	32.9	26.5	39.7





#47

2-Nitroaniline

Concen: 52.668 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

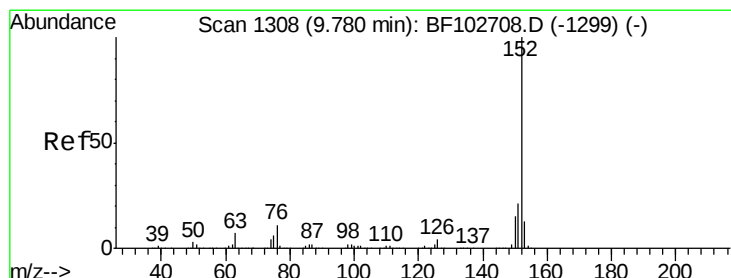
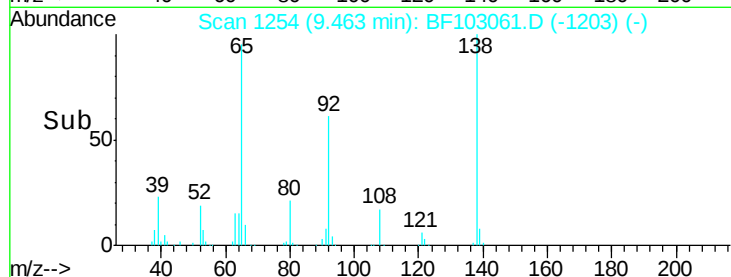
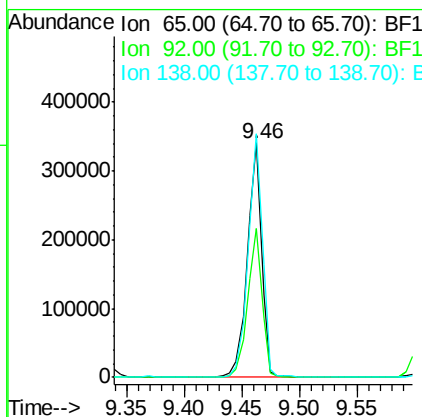
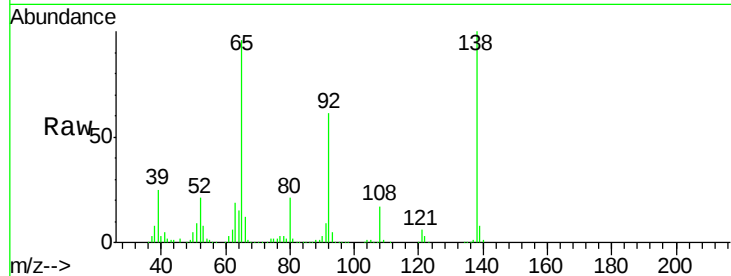
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	65	Resp:	295323
Ion Ratio	Lower	Upper	
65	100		
92	63.7	55.8	83.6
138	104.0	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 39.803 ng

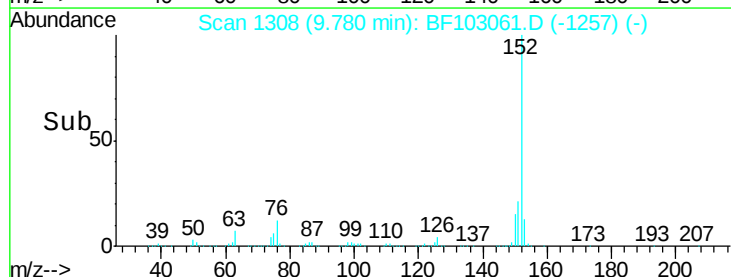
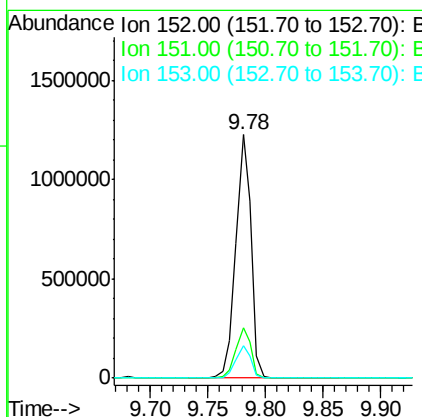
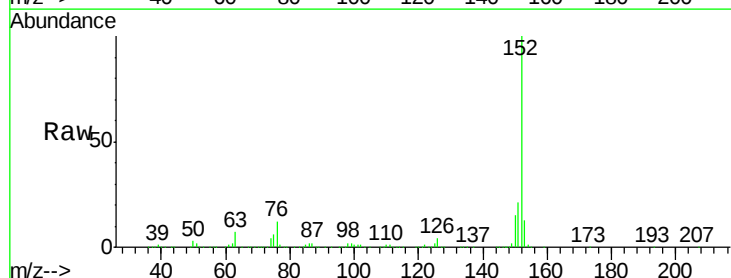
RT: 9.78 min Scan# 1308

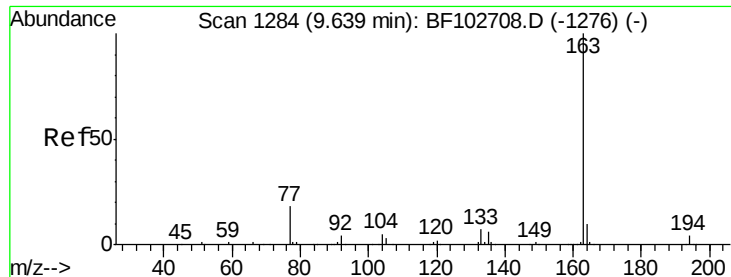
Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	152	Resp:	1115672
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





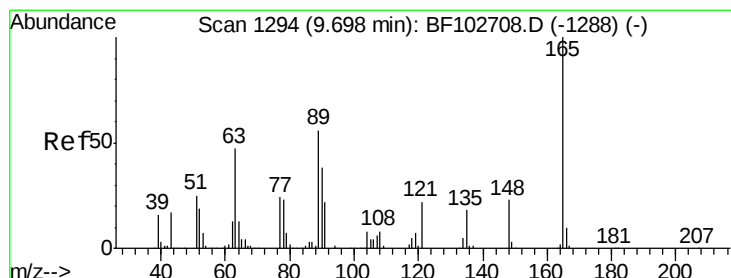
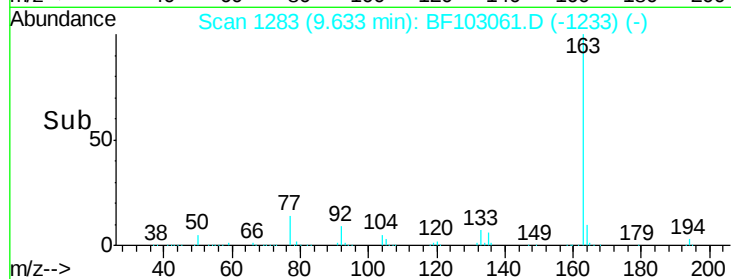
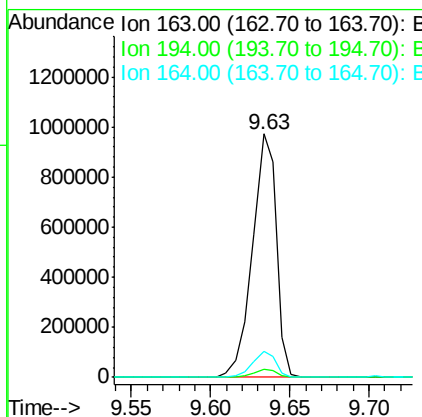
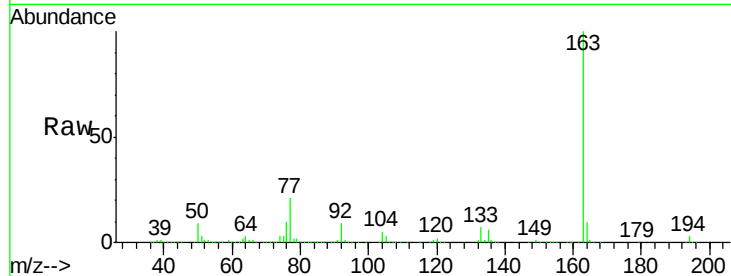
#49
Dimethylphthalate
Concen: 47.999 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion:163 Resp: 1018573
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

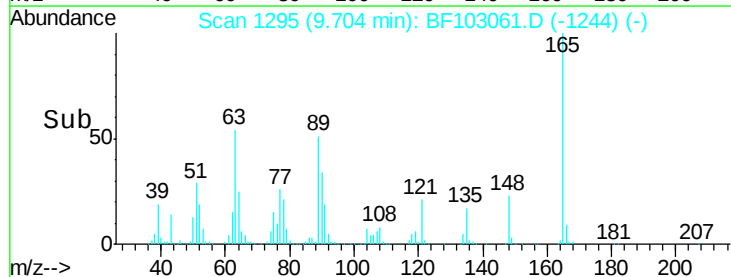
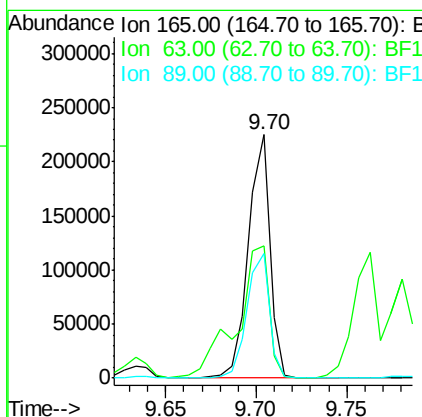
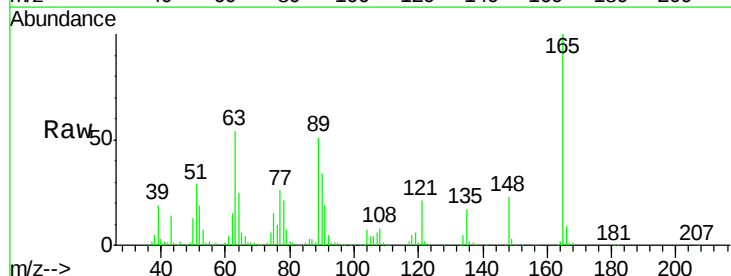
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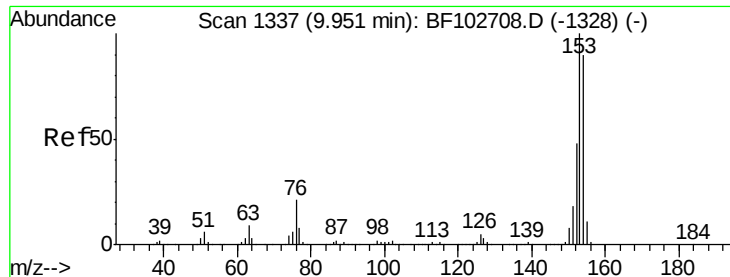
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#50
2,6-Dinitrotoluene
Concen: 46.288 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:165 Resp: 186880
Ion Ratio Lower Upper
165 100
63 54.3 44.7 67.1
89 51.1 44.0 66.0





#51

Acenaphthene

Concen: 38.388 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

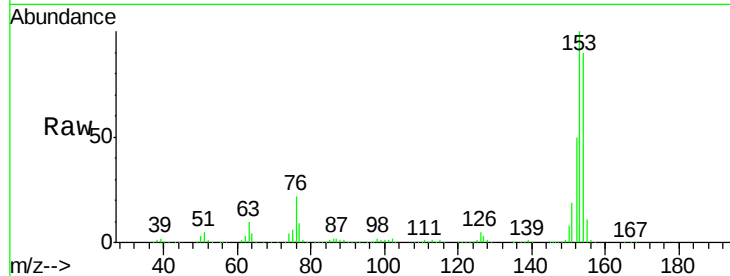
ClientSampleId :

FK-GF-02-012-AMSD

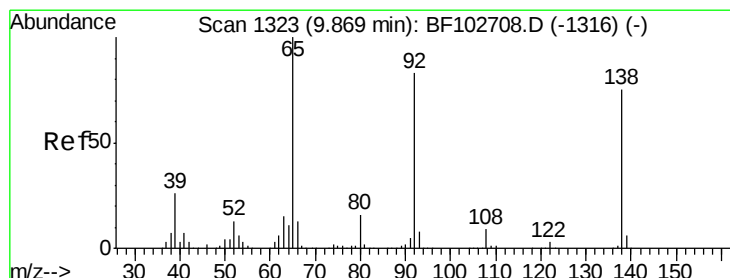
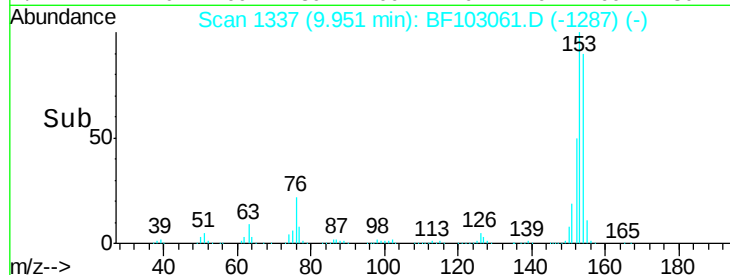
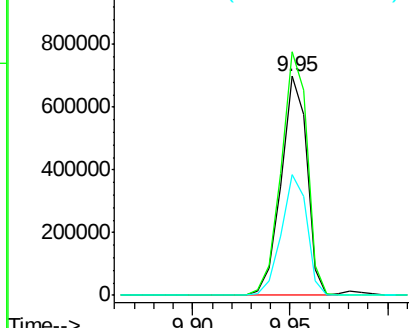
Tgt Ion:	154	Resp:	643484
Ion Ratio	Lower	Upper	
154	100		
153	111.2	91.2	136.8
152	55.0	43.8	65.8

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



#52

3-Nitroaniline

Concen: 41.216 ng

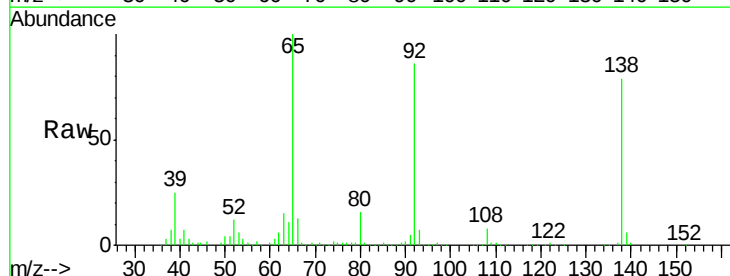
RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

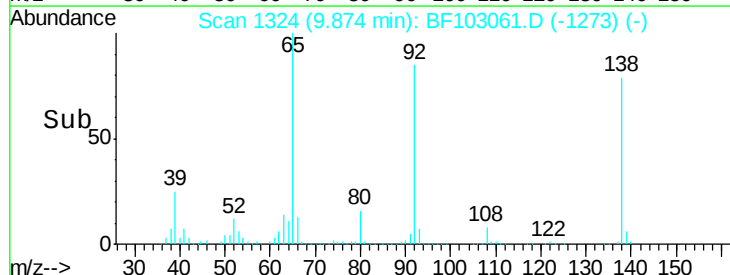
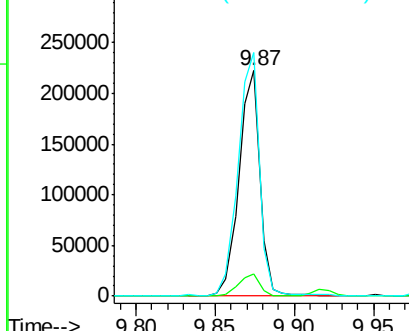
Lab File: BF103061.D

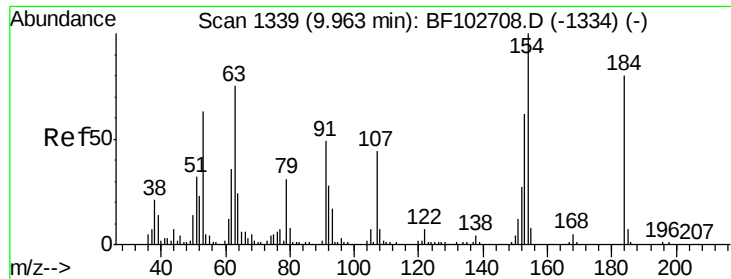
Acq: 16 Feb 2018 19:13

Tgt Ion:	138	Resp:	204749
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	108.2	89.4	134.2



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





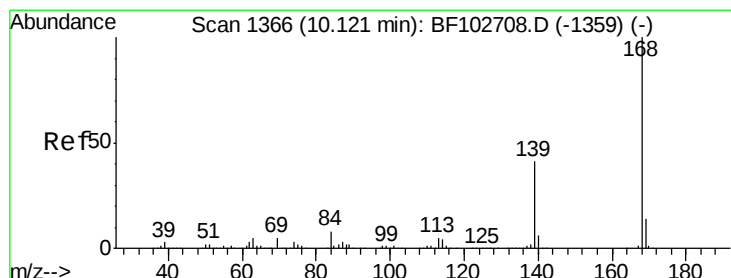
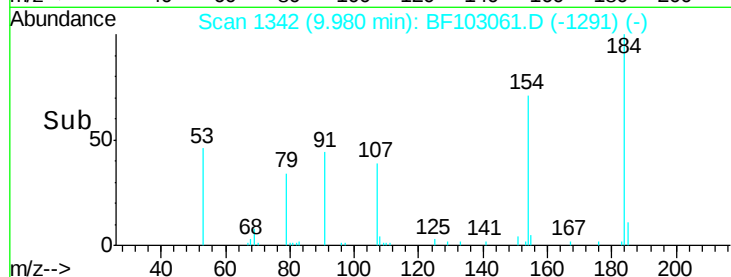
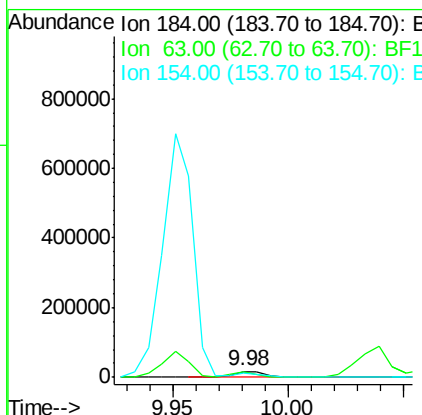
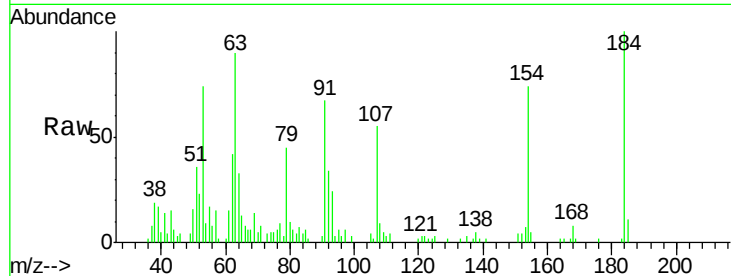
#53
2,4-Dinitrophenol
Concen: 26.955 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion:184 Resp: 17224
Ion Ratio Lower Upper
184 100
63 90.2 54.2 81.2#
154 73.5 184.0 276.0#

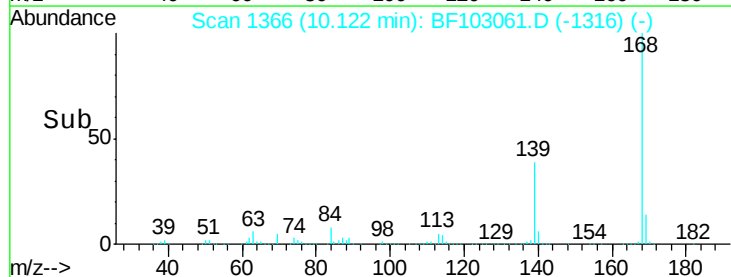
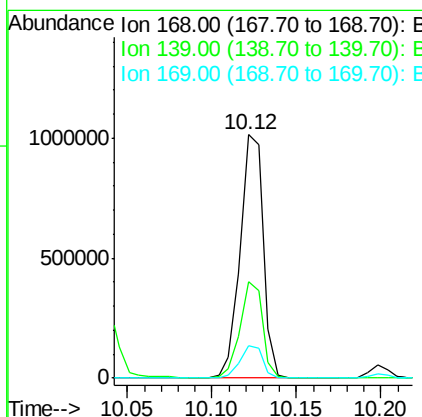
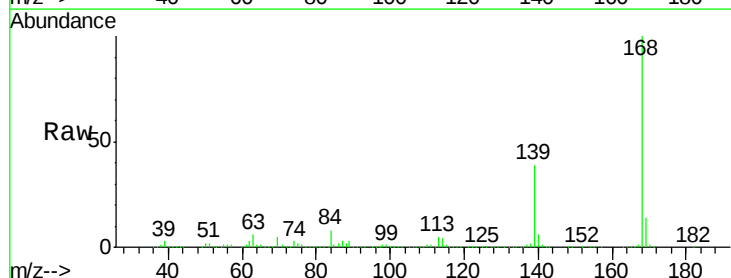
Manual Integrations
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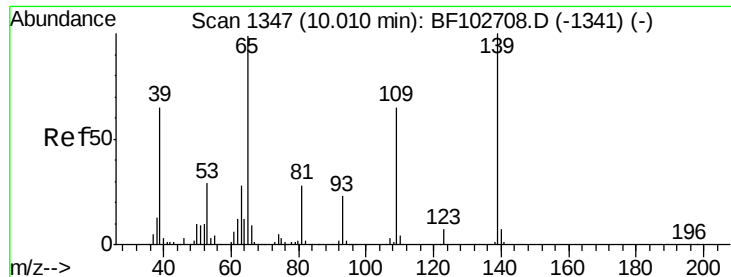
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#54
Dibenzofuran
Concen: 40.982 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:168 Resp: 968114
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.5 10.9 16.3





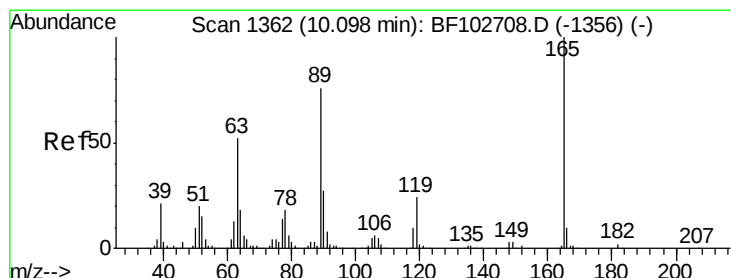
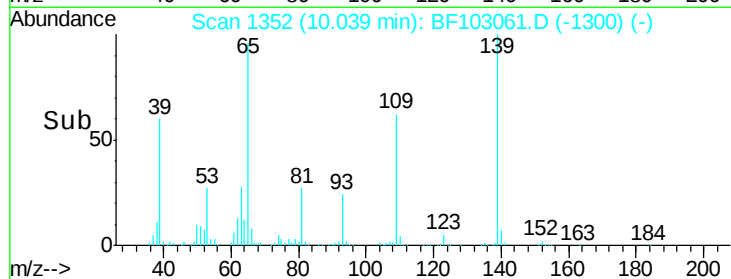
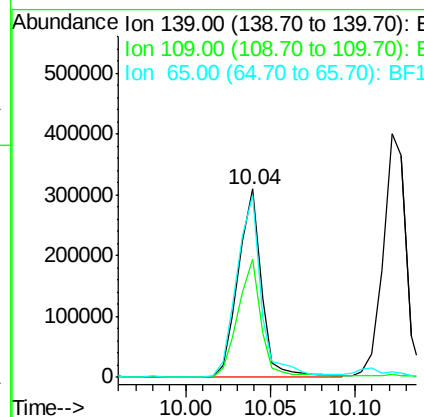
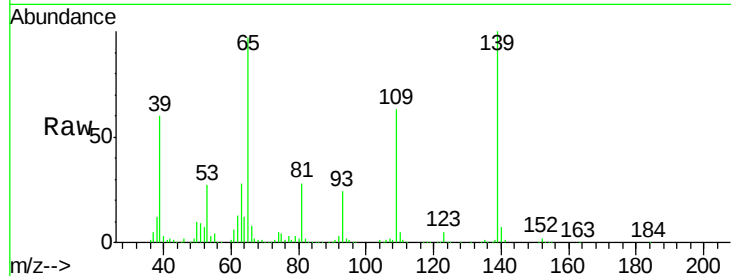
#55
4-Nitrophenol
Concen: 73.967 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	300654		
109	62.5	48.4	88.4	
65	96.6	72.6	112.6	

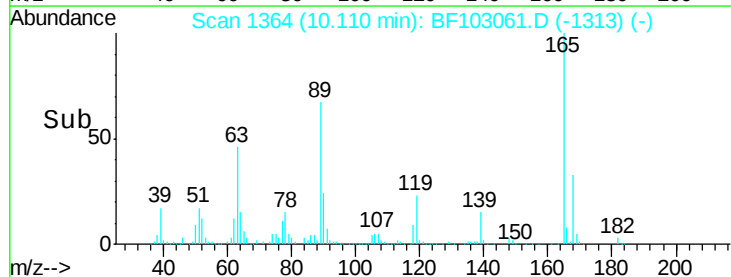
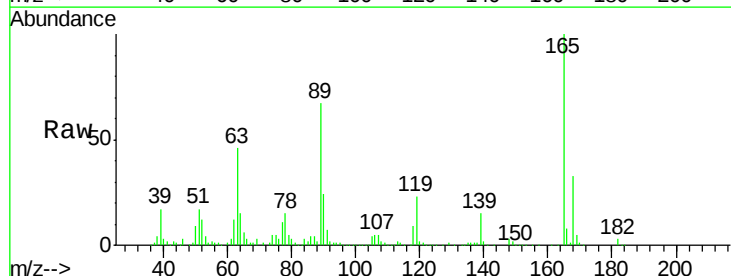
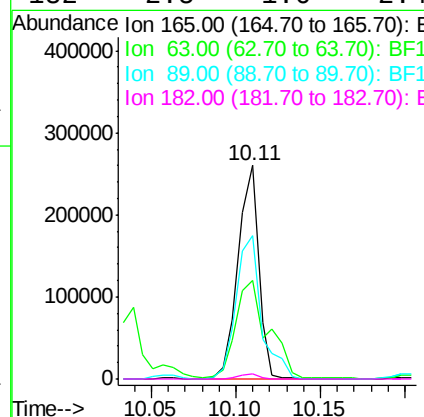
Manual Integrations
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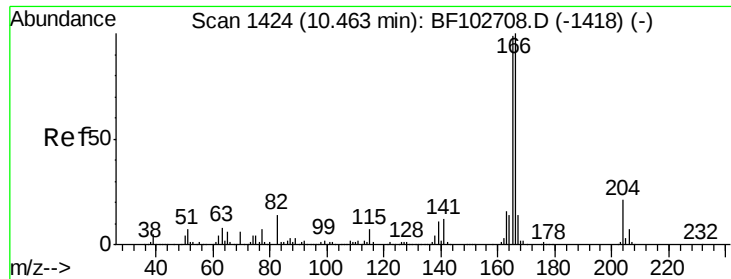
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.516 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222389		
63	46.0	36.4	54.6	
89	67.0	57.8	86.6	
182	2.5	1.6	2.4#	





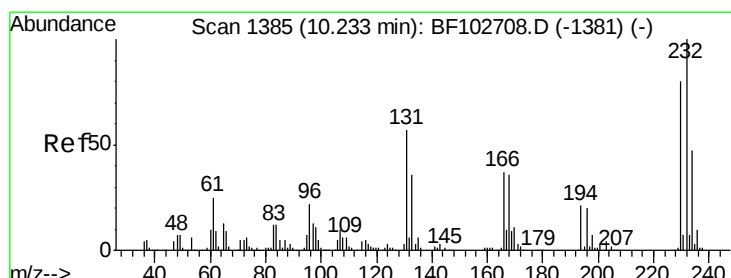
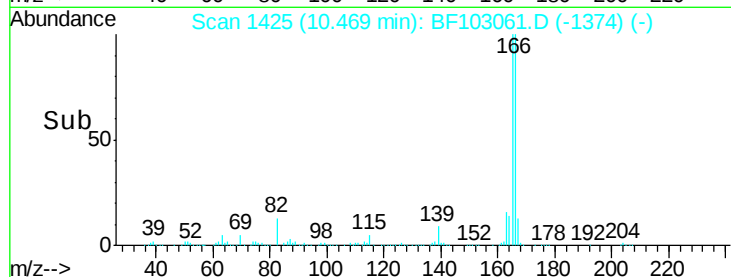
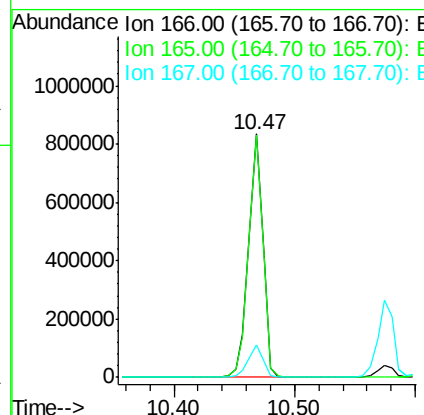
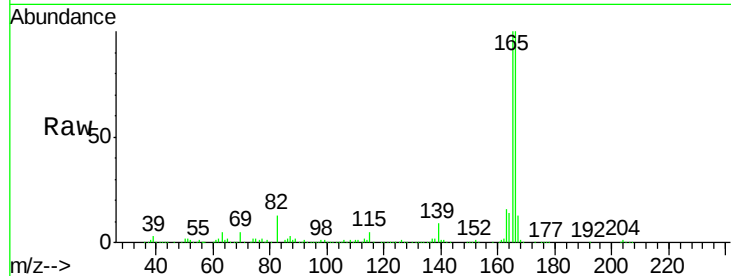
#57
Fluorene
 Concen: 41.200 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	708133		
165	99.5	79.8	119.8	
167	13.3	10.6	16.0	

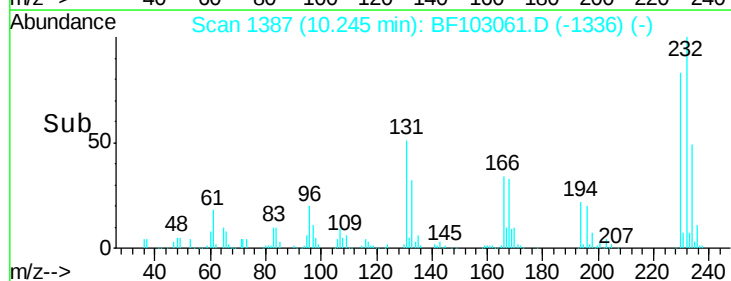
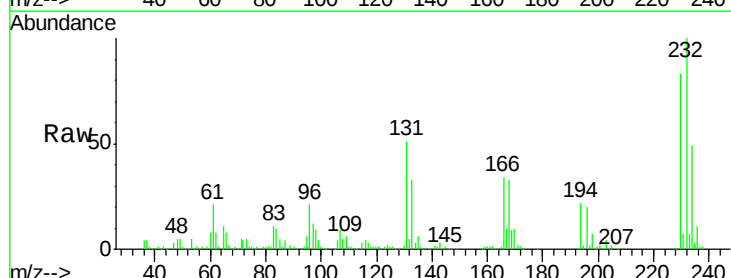
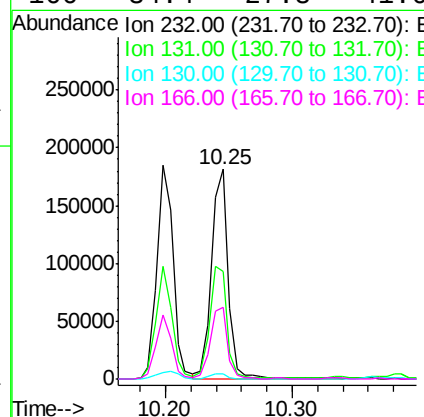
Manual Integrations
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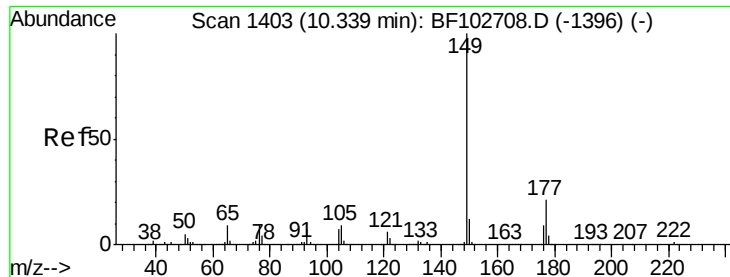
Sohil
 2/19/2018 11:09:50 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.113 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	167728		
131	55.1	43.8	65.8	
130	2.7	2.1	3.1	
166	34.4	27.8	41.6	





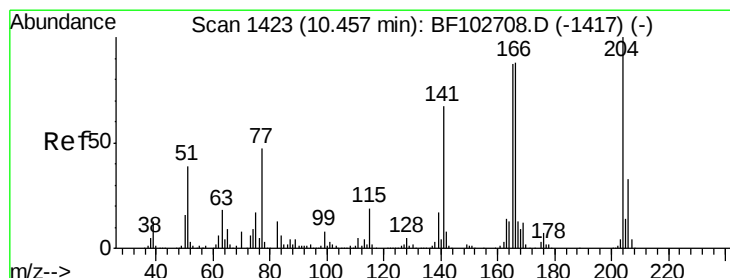
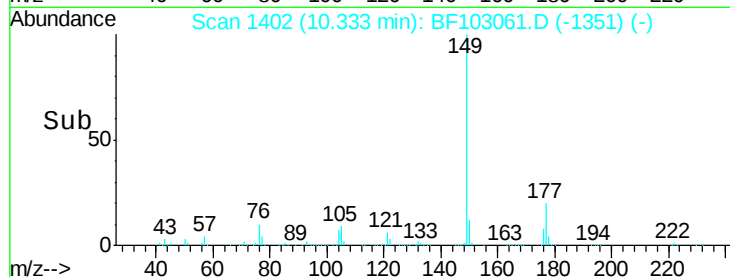
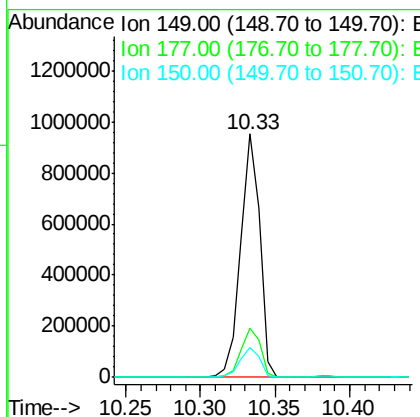
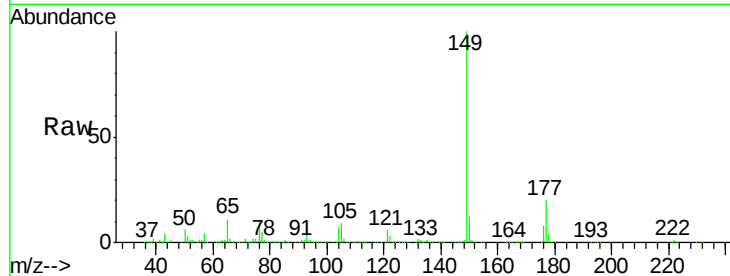
#59
Diethylphthalate
Concen: 40.709 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	852990		
177	20.2	16.1	24.1	
150	12.3	10.1	15.1	

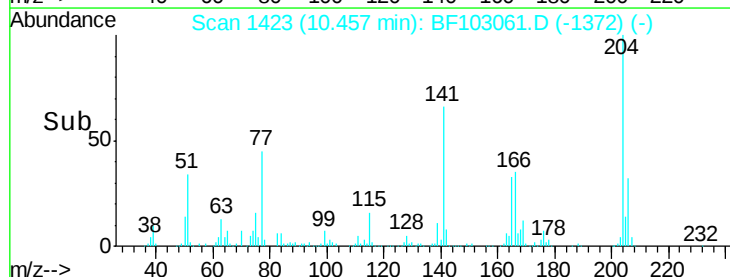
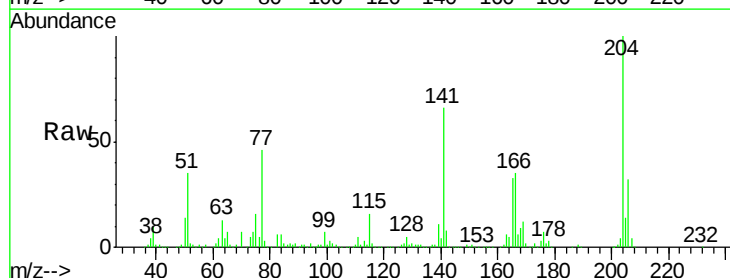
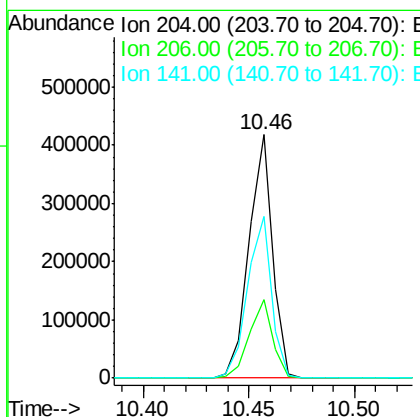
Manual Integrations
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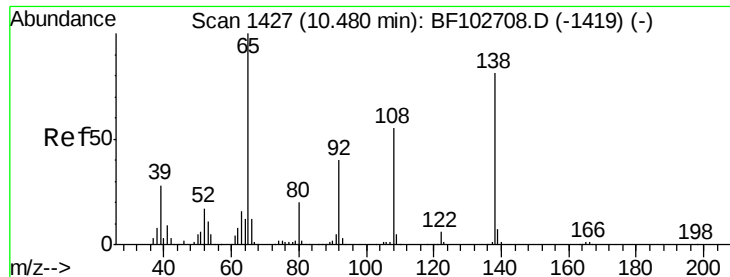
Sohil
2/19/2018 11:09:50 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.806 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	325462		
206	32.4	26.5	39.7	
141	66.5	54.6	81.8	





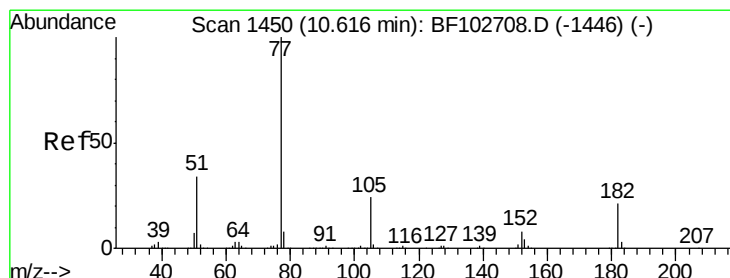
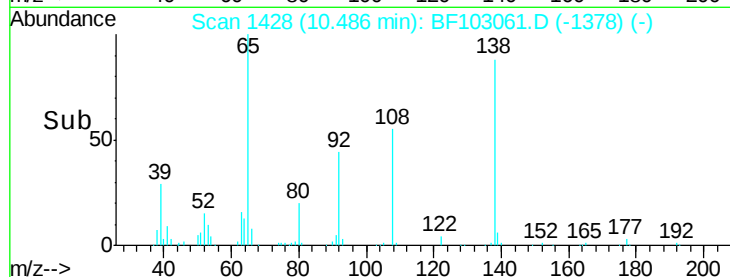
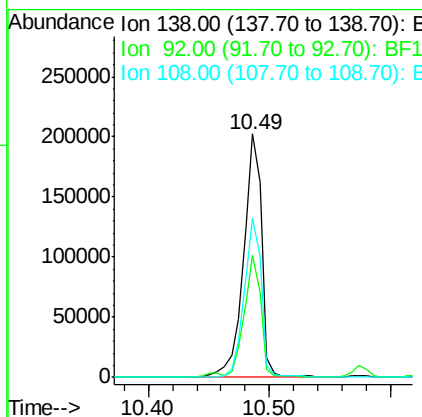
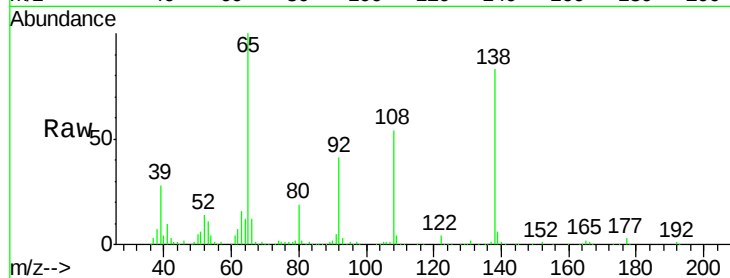
#61
4-Nitroaniline
Concen: 44.878 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	212204		
92	50.1	30.2	70.2	
108	65.3	52.5	92.5	

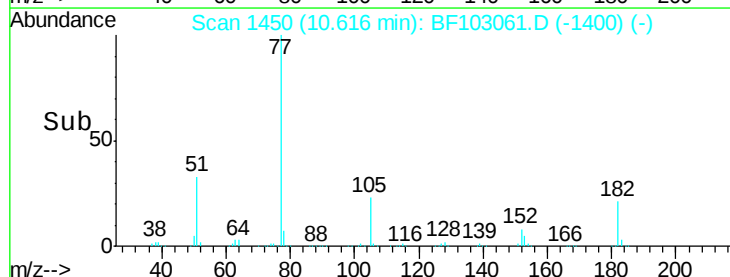
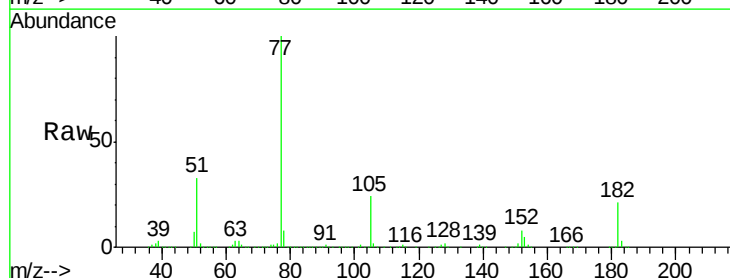
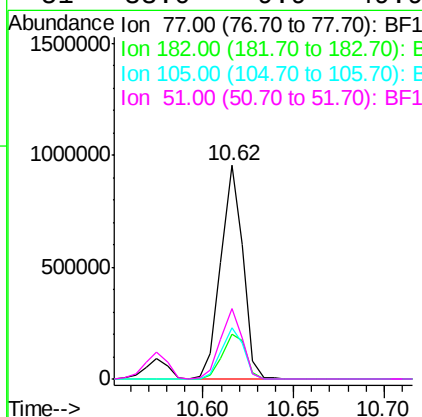
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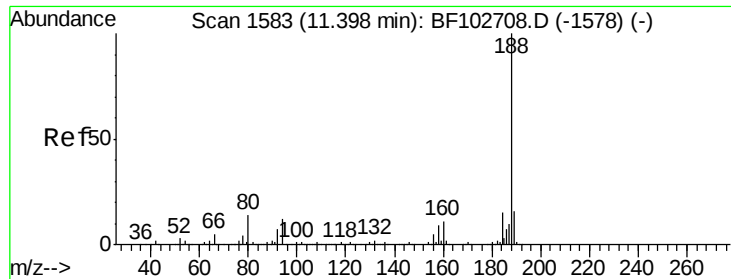
Sohil
2/19/2018 11:09:50 AM



#62
Azobenzene
Concen: 38.709 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	810281		
182	21.0	1.7	41.7	
105	24.3	3.0	43.0	
51	33.0	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

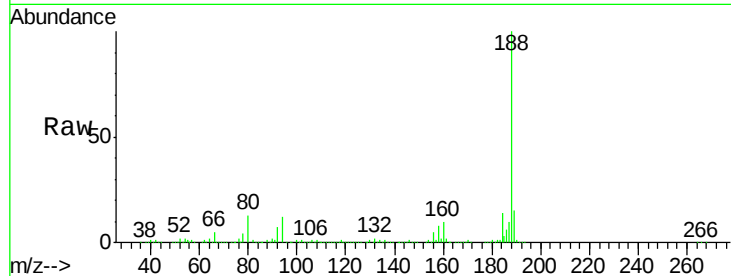
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	188	Resp:	417901
Ion Ratio	Lower	Upper	
188	100		
94	12.4	8.5	12.7
80	13.5	9.2	13.8

Manual Integrations
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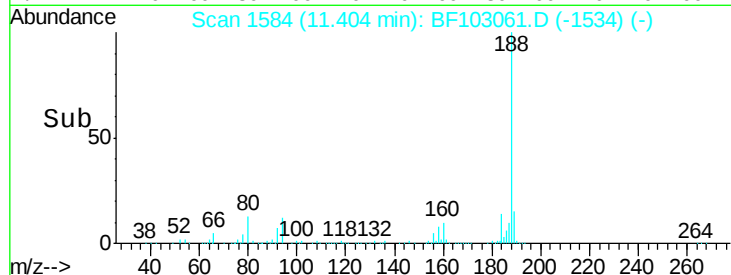


Abundance Ion 188.00 (187.70 to 188.70): E

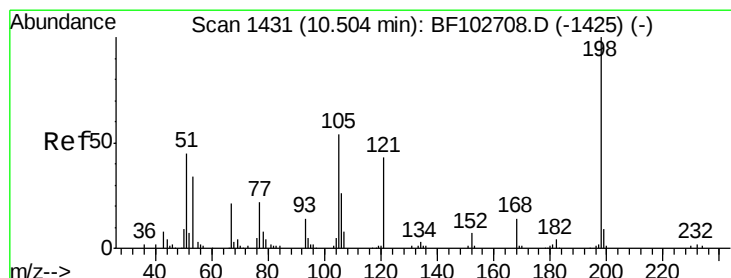
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 18.142 ng

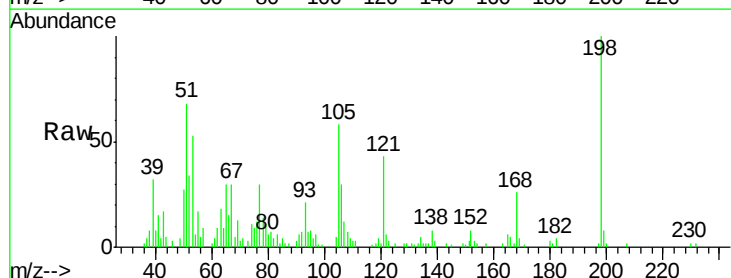
RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	198	Resp:	18102
Ion Ratio	Lower	Upper	
198	100		
51	68.5	37.7	77.7
105	57.5	36.3	76.3

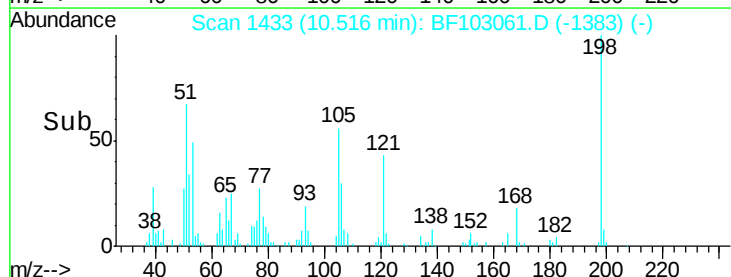


Abundance Ion 198.00 (197.70 to 198.70): E

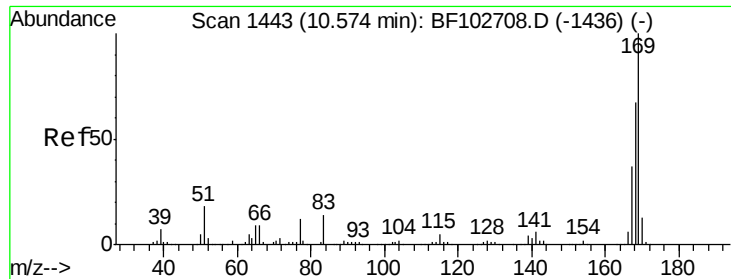
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



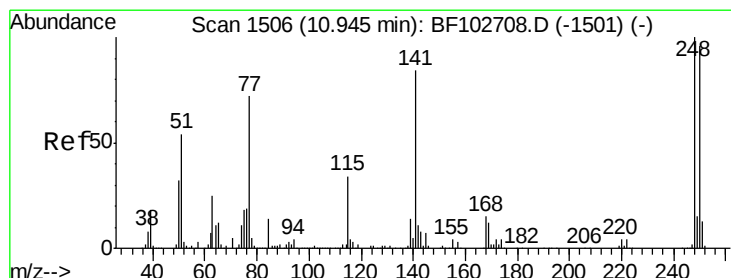
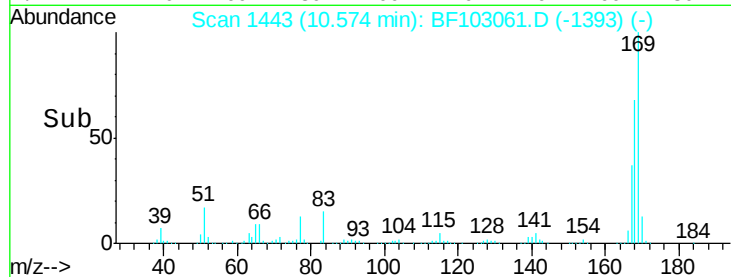
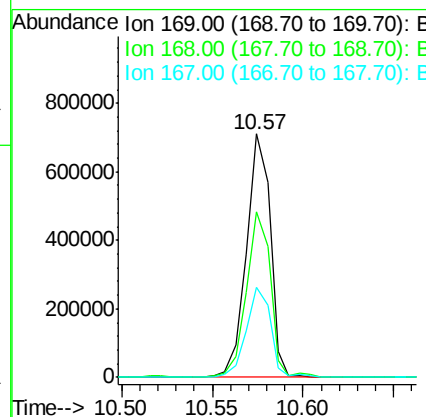
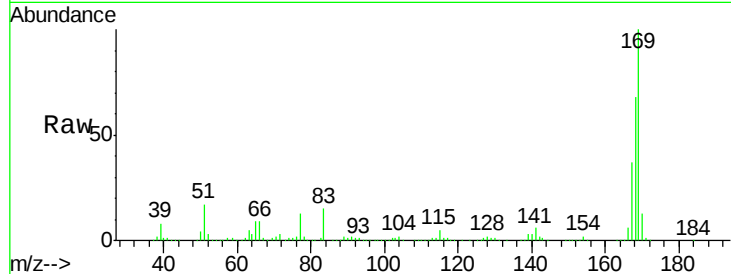
#65
 n-Nitrosodiphenylamine
 Concen: 44.205 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	68.0	54.4	81.6
167	37.0	29.8	44.6

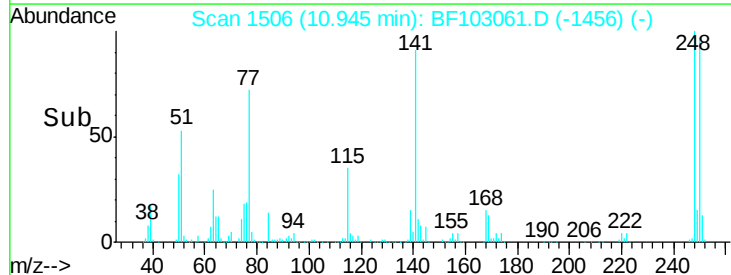
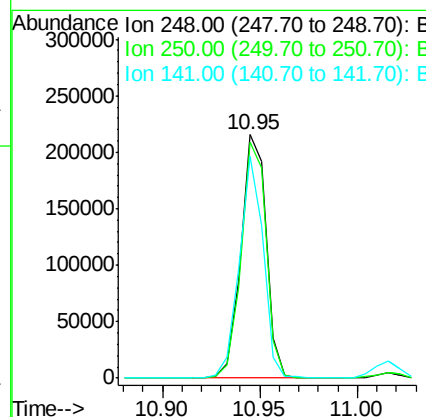
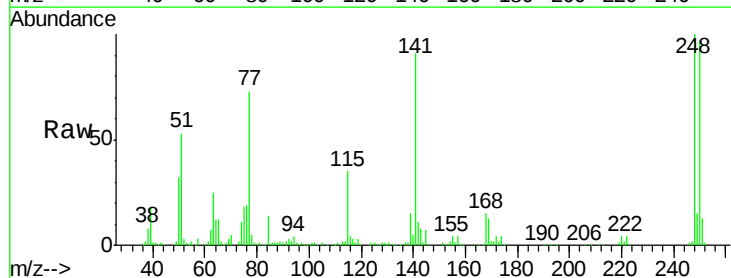
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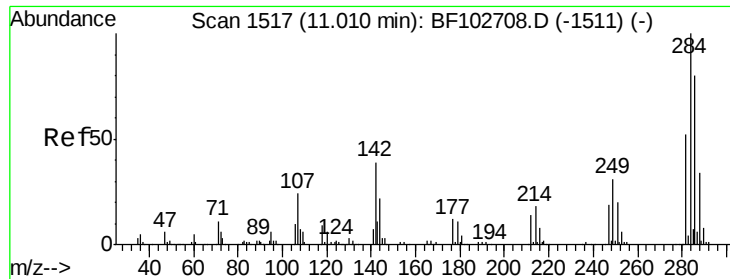
Sohil
 2/19/2018 11:09:50 AM



#66
 4-Bromophenyl-phenylether
 Concen: 43.775 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.9	76.9	115.3
141	90.9	74.4	111.6





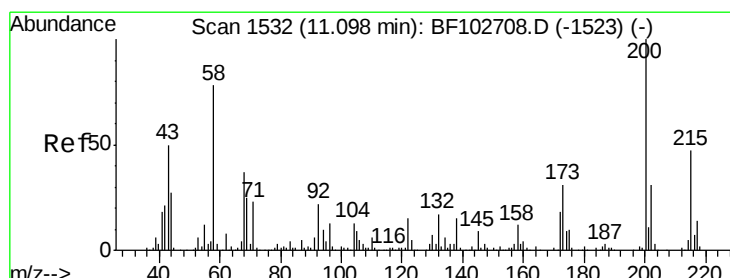
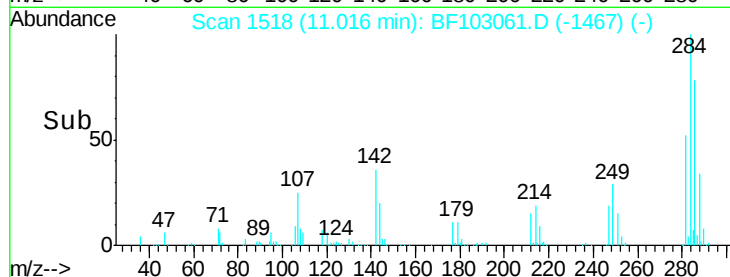
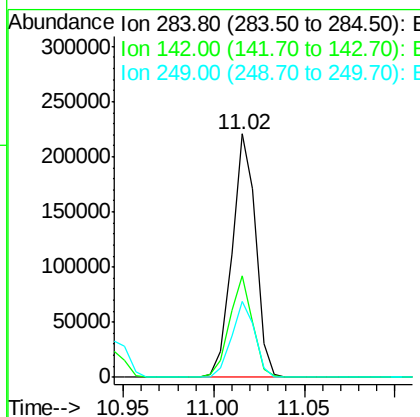
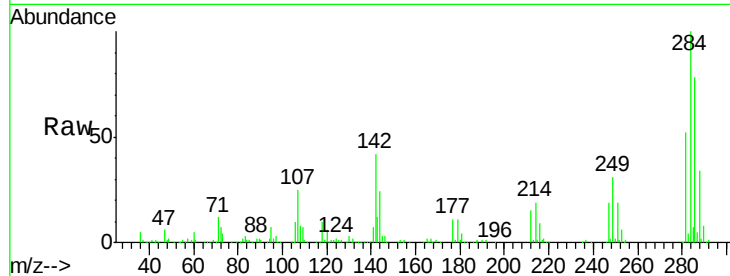
#67
Hexachlorobenzene
Concen: 40.805 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	198994		
142	41.7	34.6	52.0	
249	31.1	24.8	37.2	

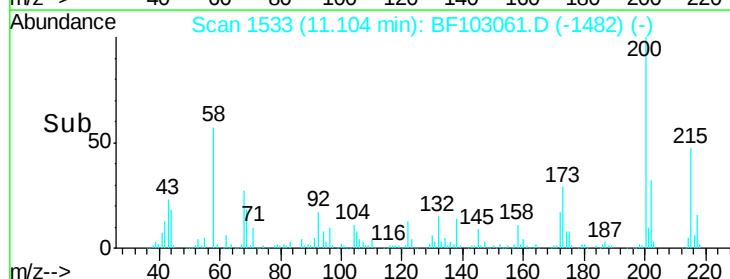
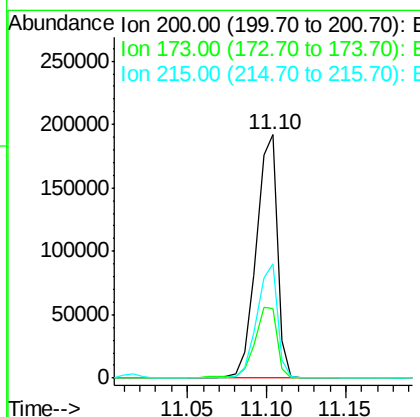
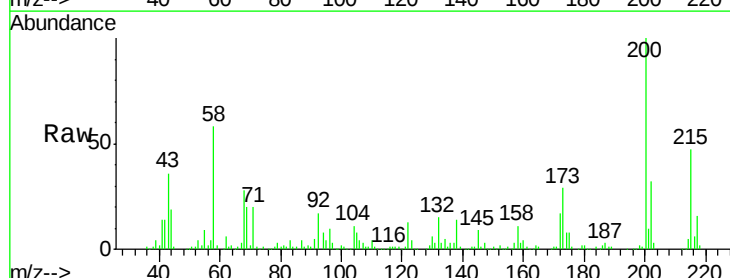
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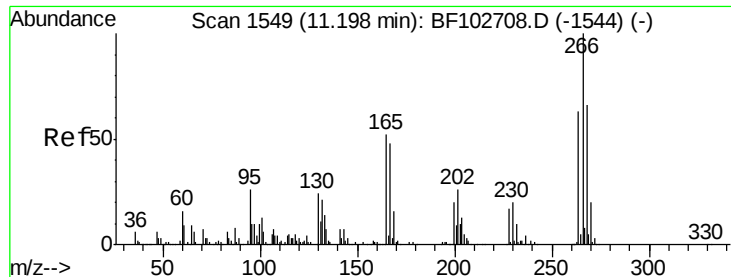
Sohil
2/19/2018 11:09:50 AM



#68
Atrazine
Concen: 41.224 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	179270		
173	28.8	8.6	48.6	
215	47.1	25.1	65.1	





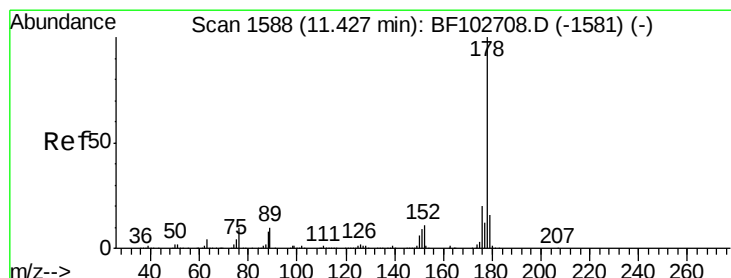
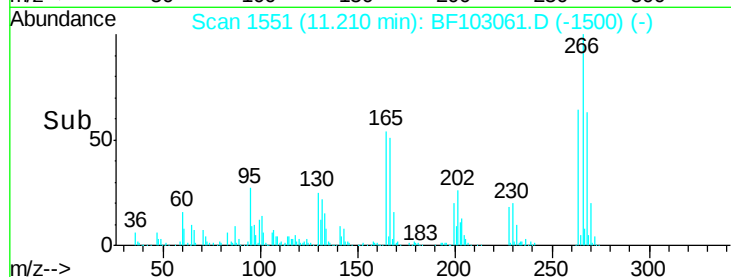
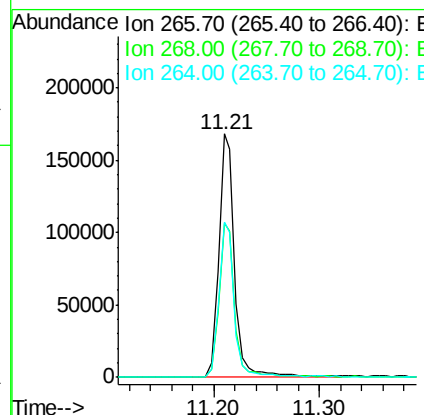
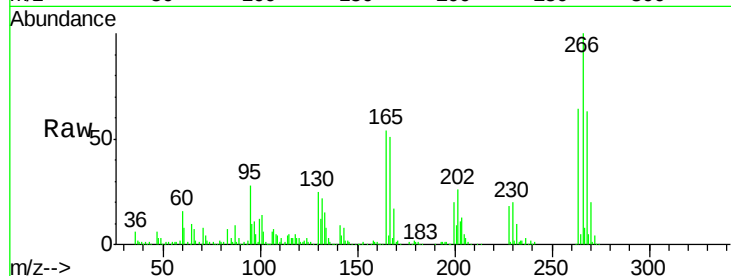
#69
 Pentachlorophenol
 Concen: 62.543 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	179046		
268	63.3	51.1	76.7	
264	63.5	49.5	74.3	

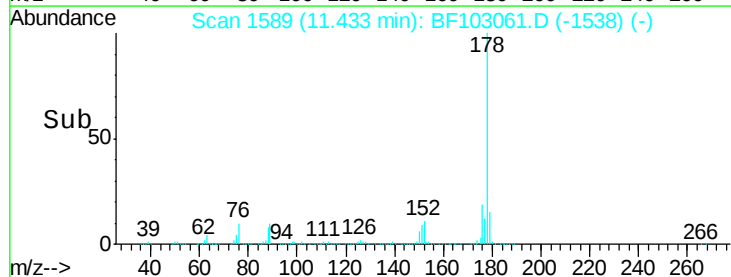
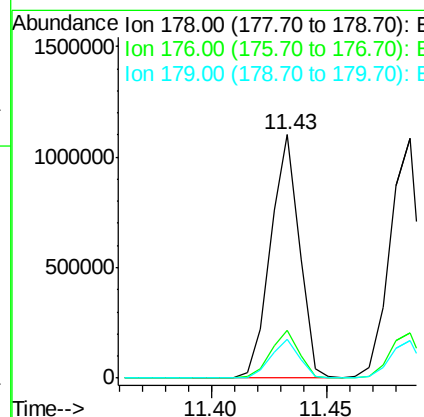
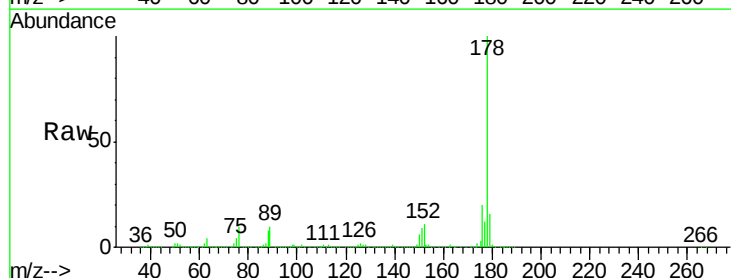
Manual Integrations
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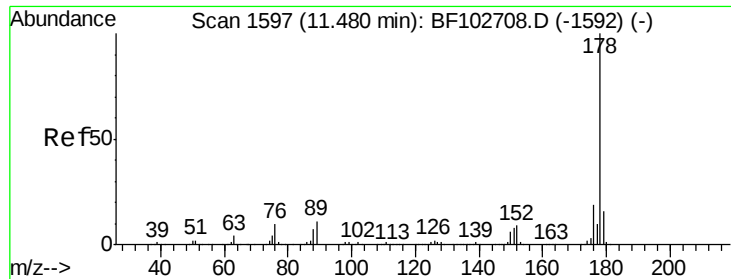
Sohil
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#70
 Phenanthrene
 Concen: 40.908 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	952113		
176	19.5	15.8	23.8	
179	15.8	13.0	19.6	





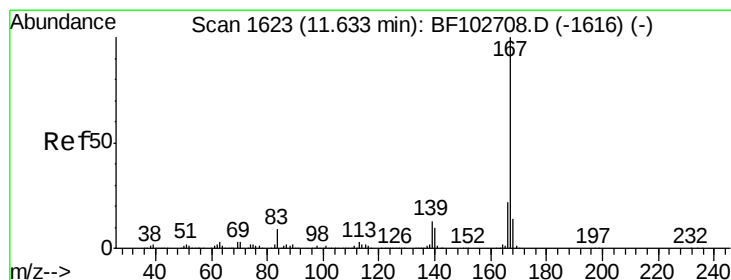
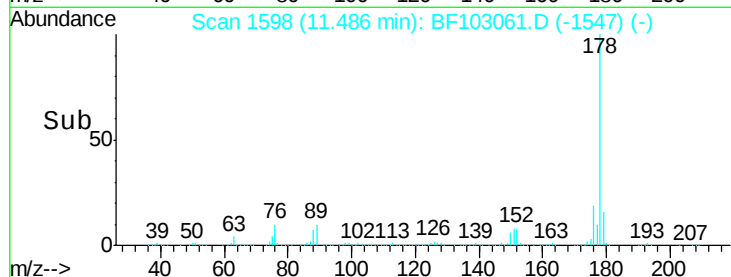
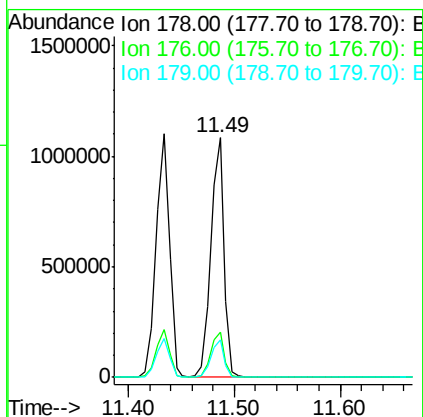
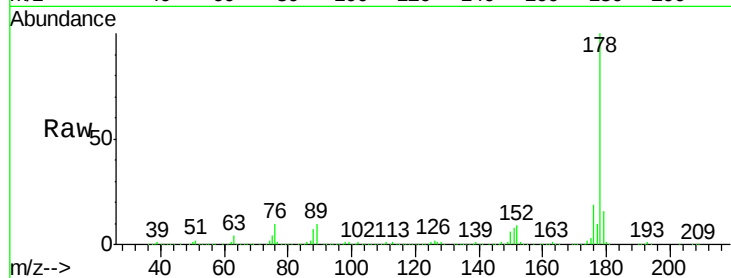
#71
 Anthracene
 Concen: 40.592 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	12.6	19.0

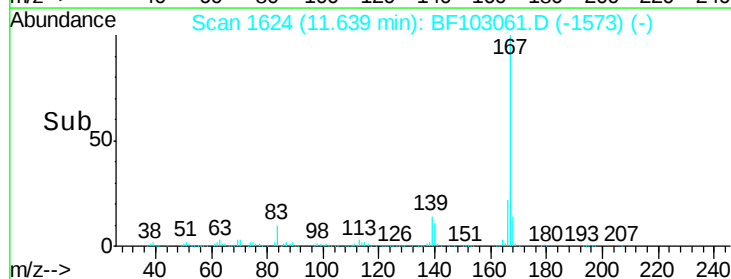
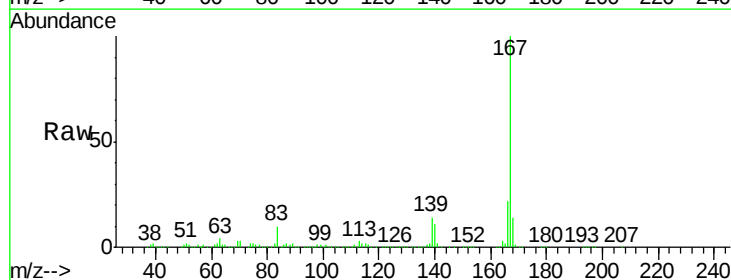
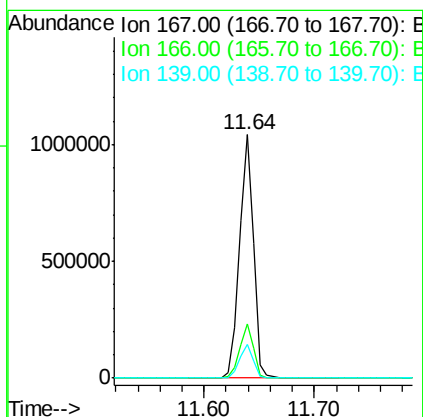
Manual Integrations
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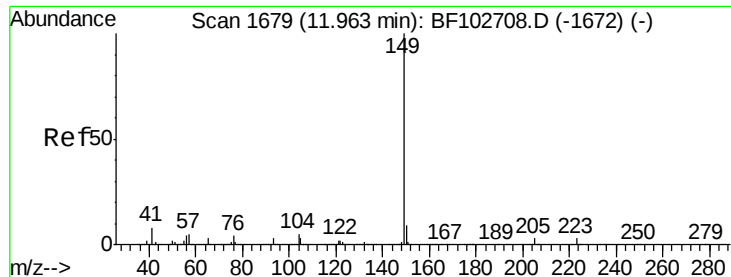
Sohil
 2/19/2018 11:09:50 AM



#72
 Carbazole
 Concen: 39.982 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.087 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

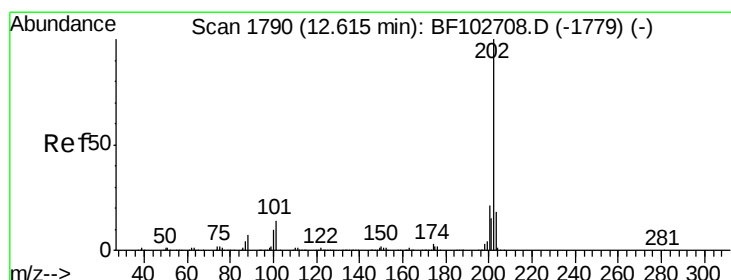
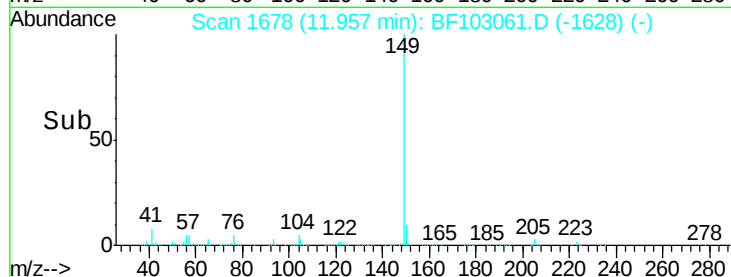
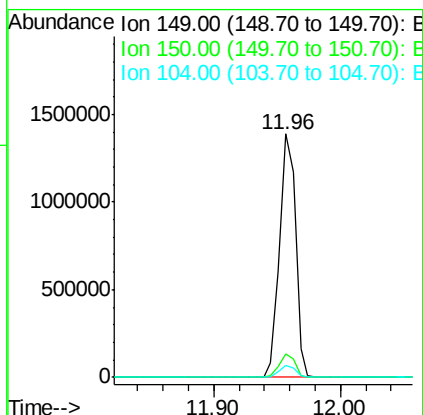
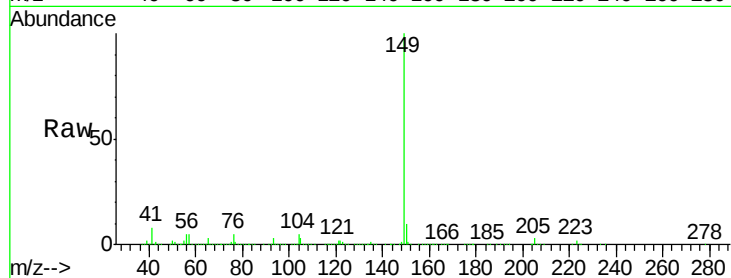
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	149	Resp:	1213830
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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2/19/2018 11:09:50 AM



#74

Fluoranthene

Concen: 40.838 ng

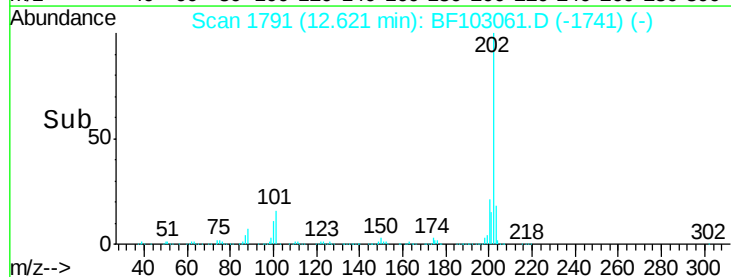
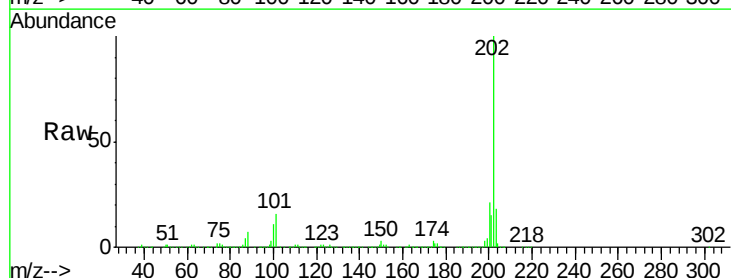
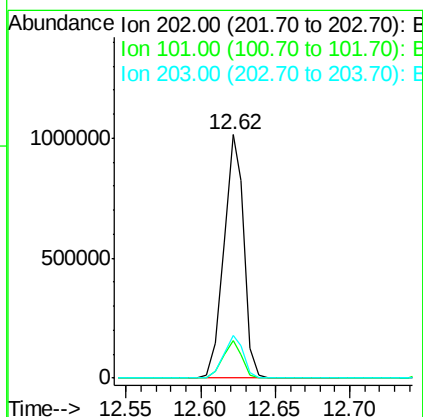
RT: 12.62 min Scan# 1791

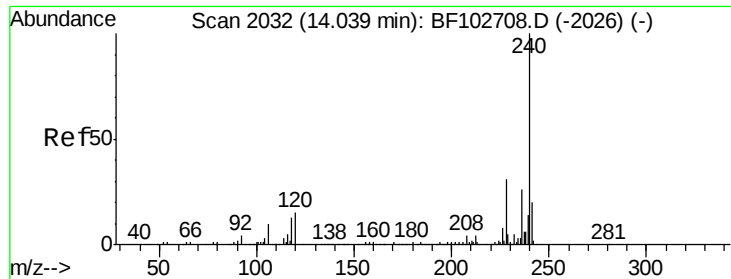
Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	202	Resp:	956299
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

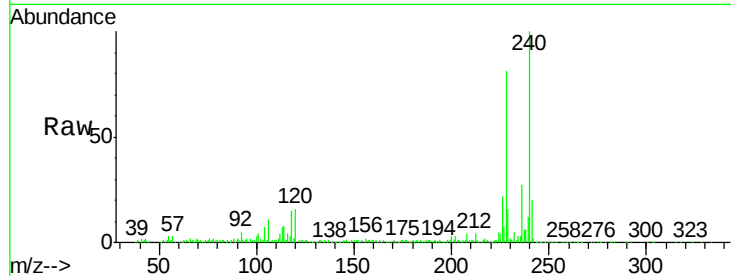
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	275375		
120	15.7	9.5	14.3#	
236	26.6	20.7	31.1	

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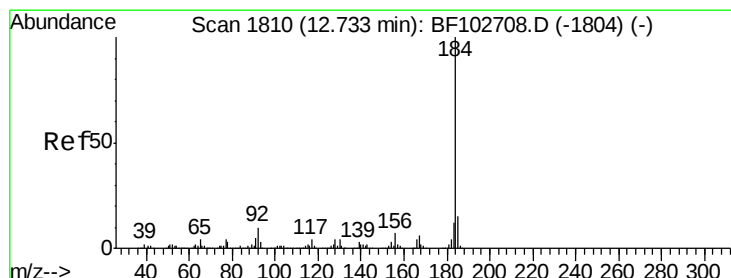
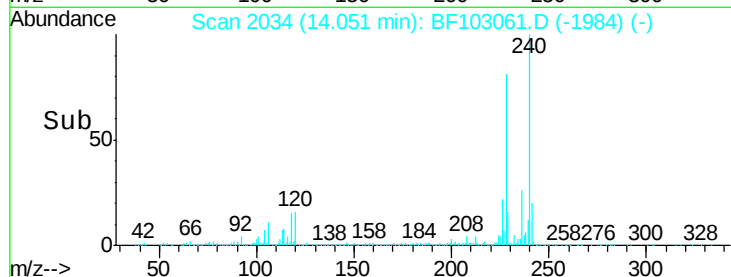
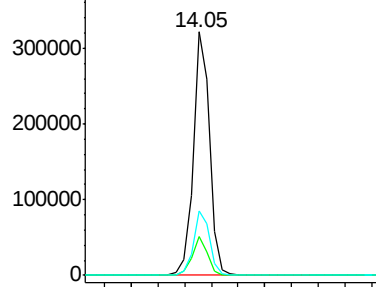
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.562 ng

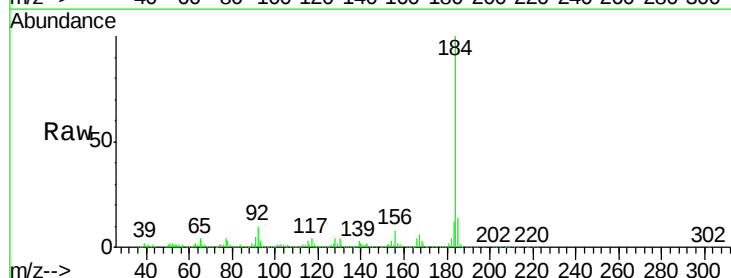
RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

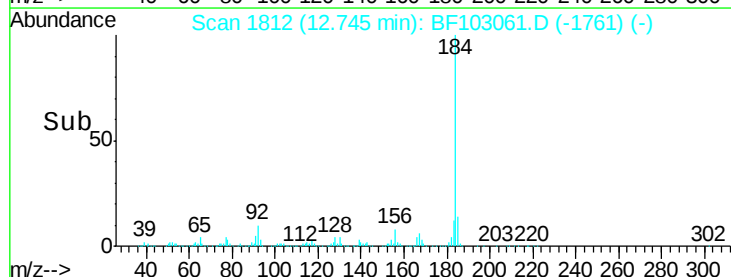
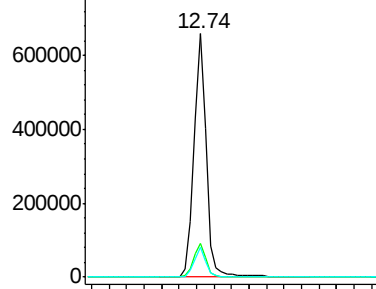
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	652578		
185	14.1	12.6	18.8	
183	12.0	9.3	13.9	

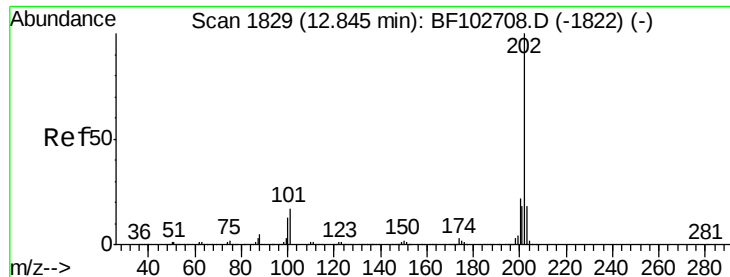


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.180 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

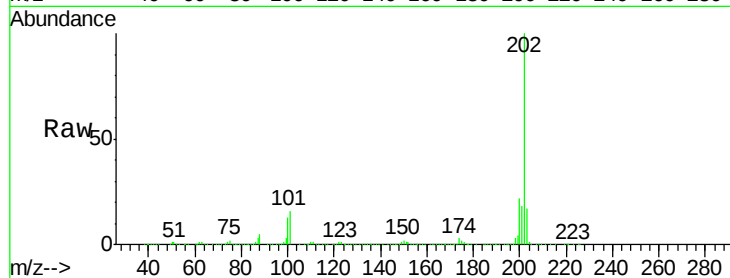
ClientSampleId :

FK-GF-02-012-AMSD

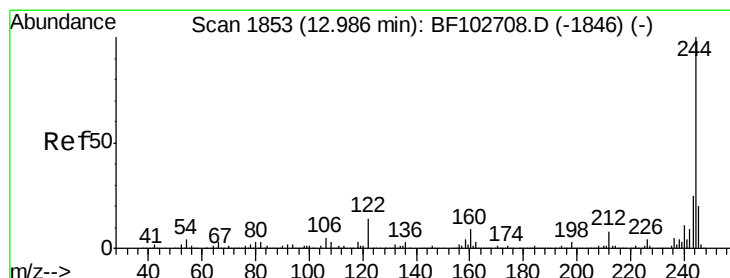
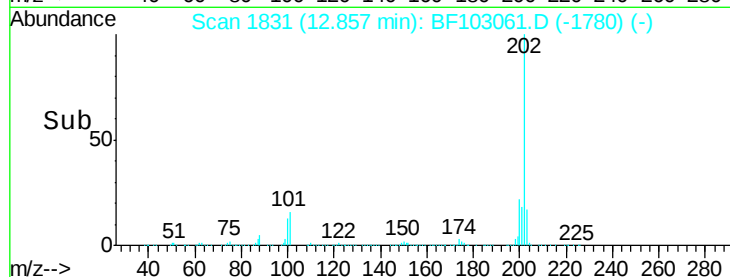
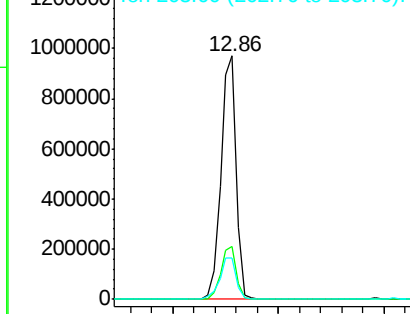
Tgt Ion:	202	Resp:	975612
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.1	14.3	21.5

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



#78

Terphenyl-d14

Concen: 92.203 ng

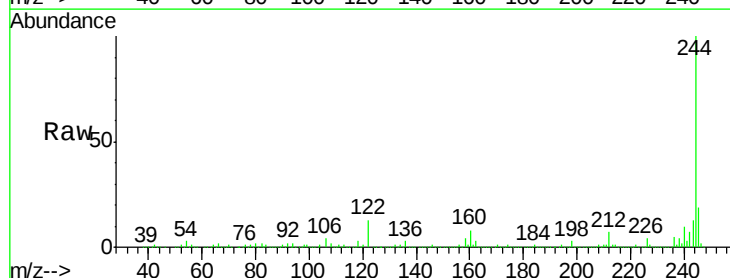
RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

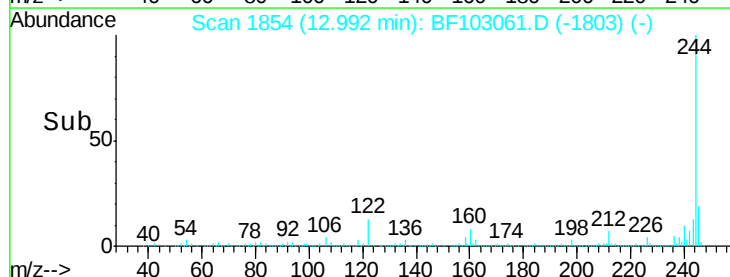
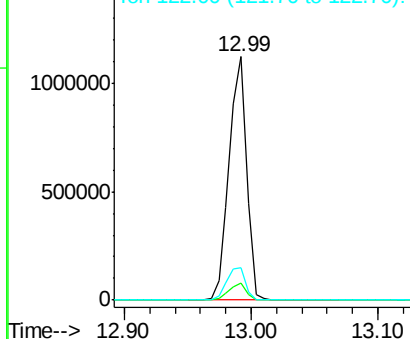
Lab File: BF103061.D

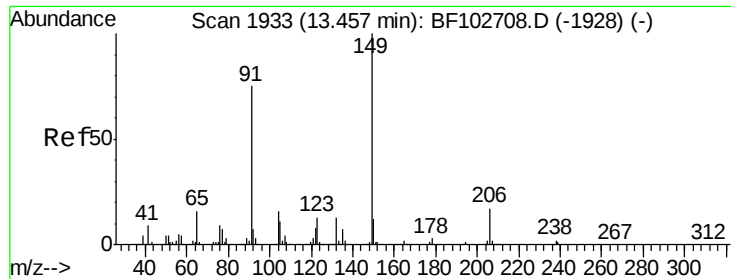
Acq: 16 Feb 2018 19:13

Tgt Ion:	244	Resp:	1072331
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4



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





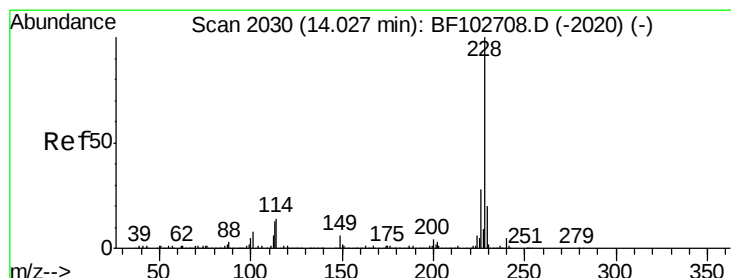
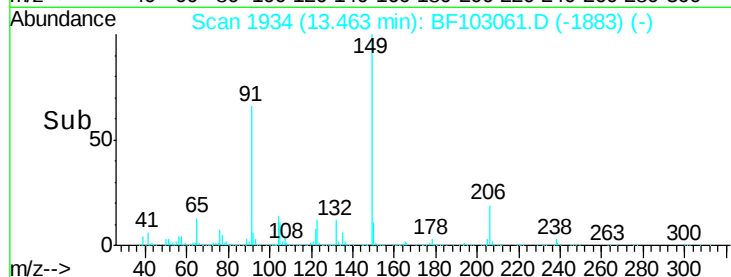
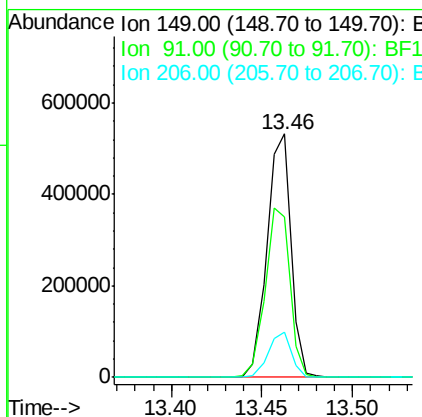
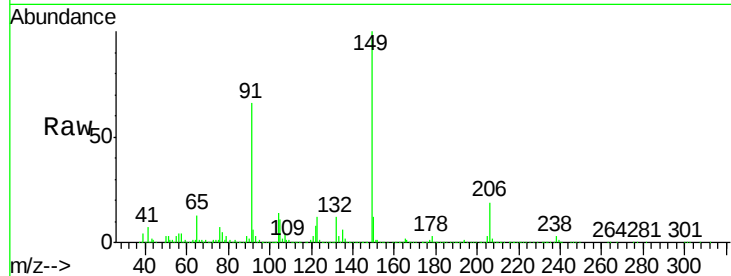
#79
Butylbenzylphthalate
Concen: 47.293 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.7	56.8	85.2
206	18.6	14.1	21.1

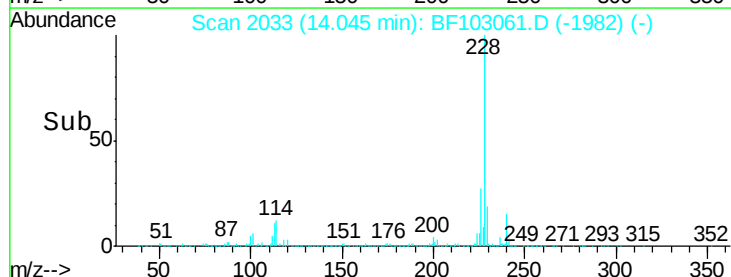
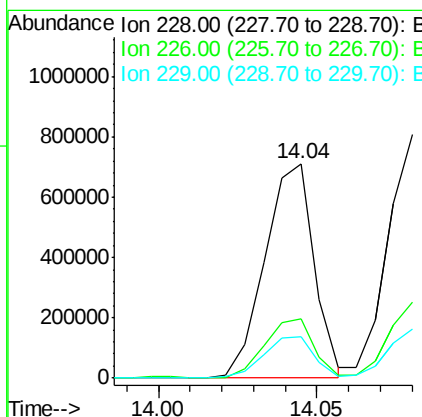
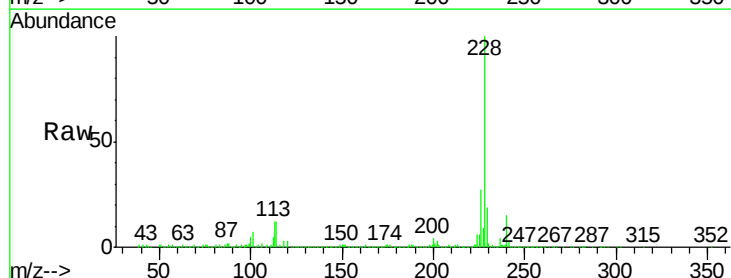
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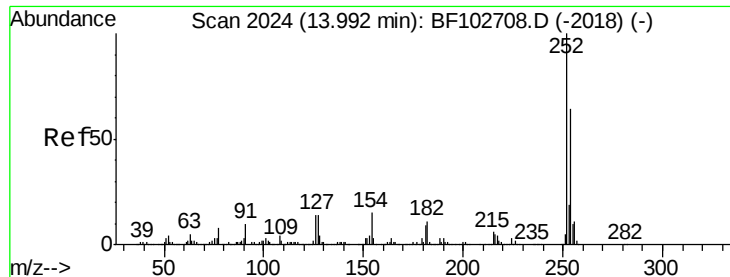
Sohil
2/19/2018 11:09:50 AM



#80
Benzo(a)anthracene
Concen: 44.232 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6





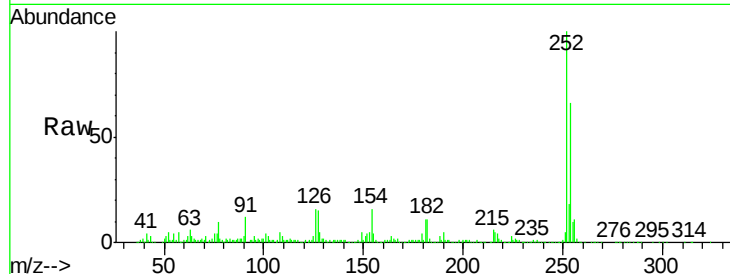
#81
 3,3'-Dichlorobenzidine
 Concen: 44.521 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.6	50.4	75.6
126	15.7	11.3	16.9

Manual Integrations
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Sohil
 2/19/2018 11:09:50 AM

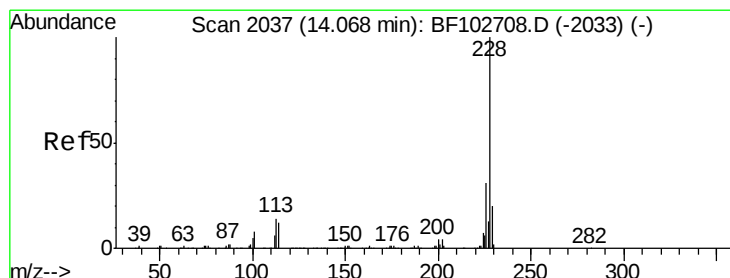
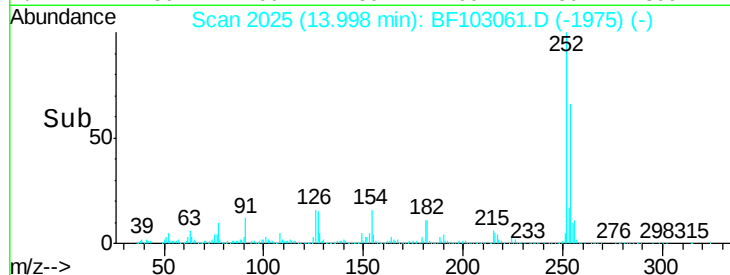
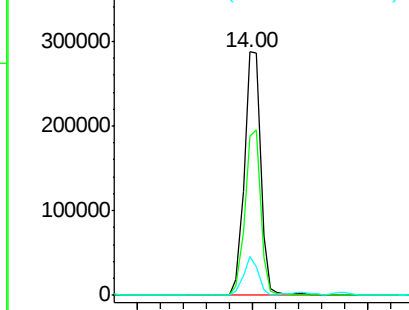


Abundance

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: 41.300 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

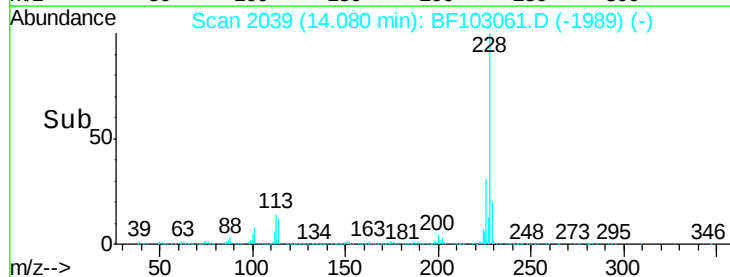
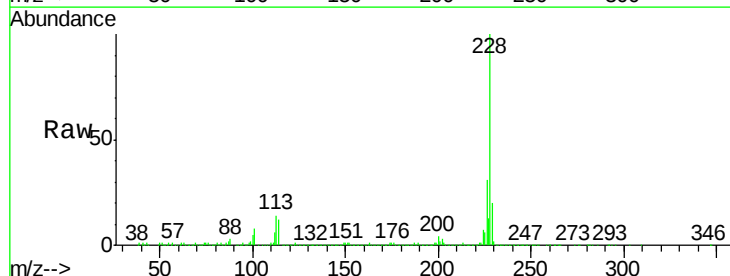
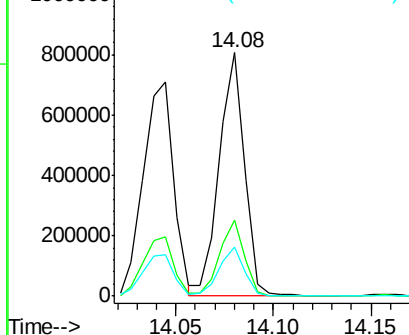
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.0	37.6
229	19.9	16.2	24.4

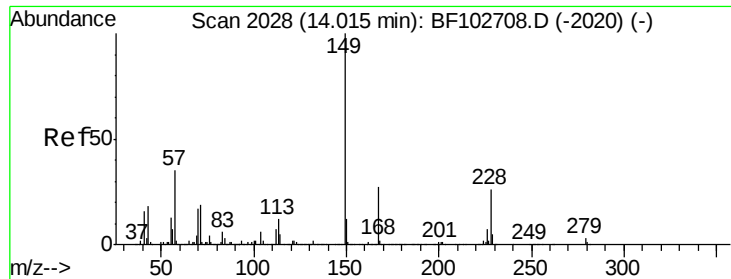
Abundance

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





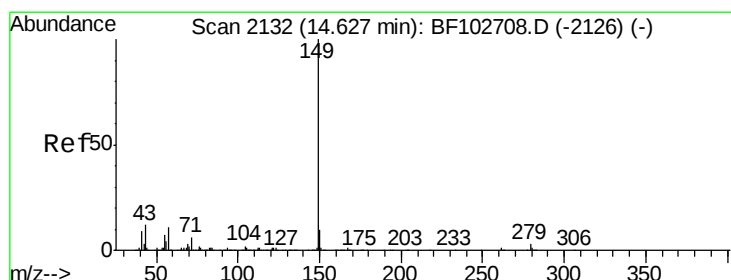
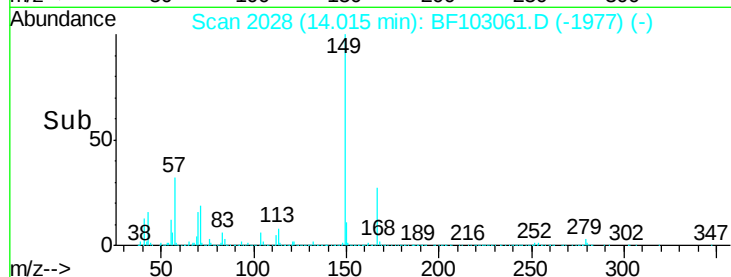
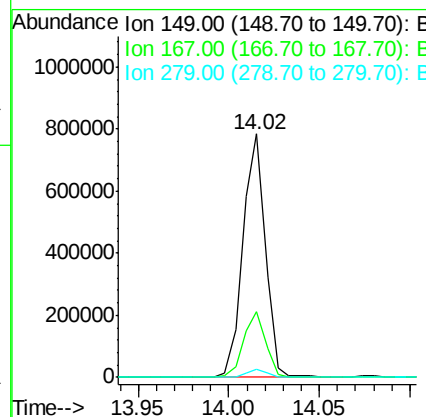
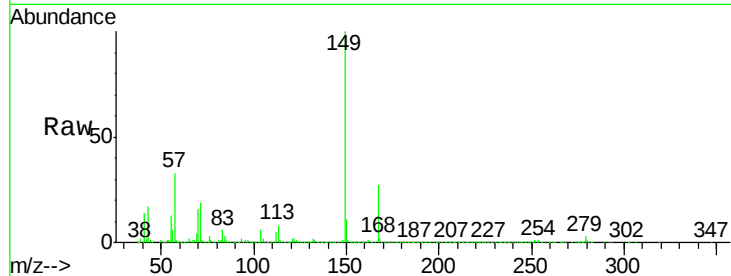
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.522 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.3	3.0	4.4

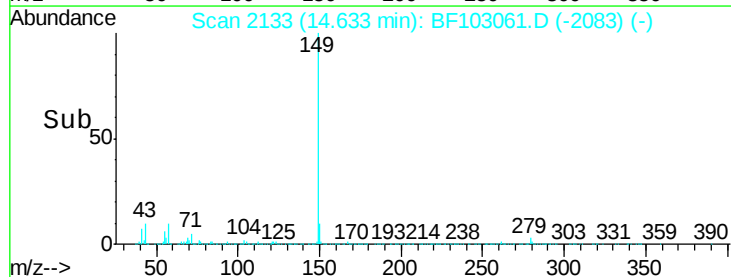
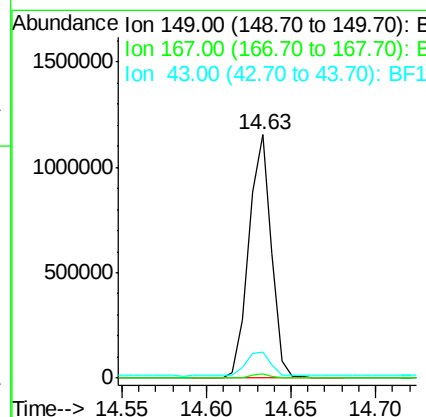
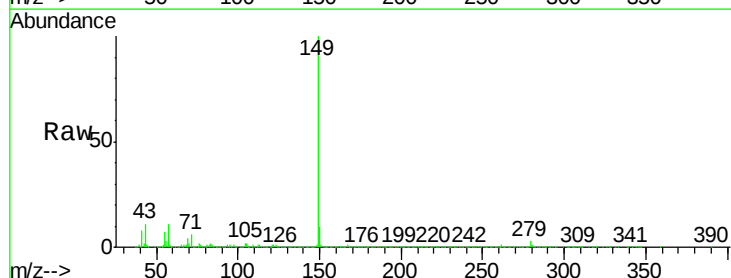
Manual Integrations
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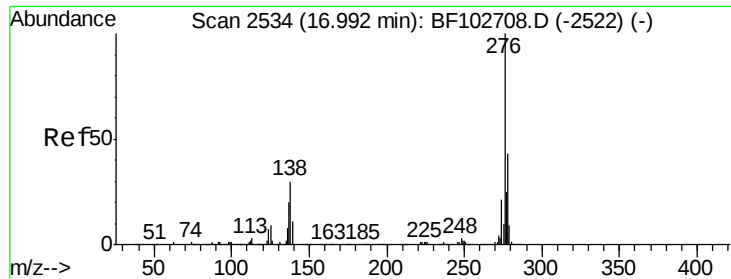
Sohil
 2/19/2018 11:09:50 AM



#84
 Di-n-octyl phthalate
 Concen: 53.765 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.4	8.4	12.6





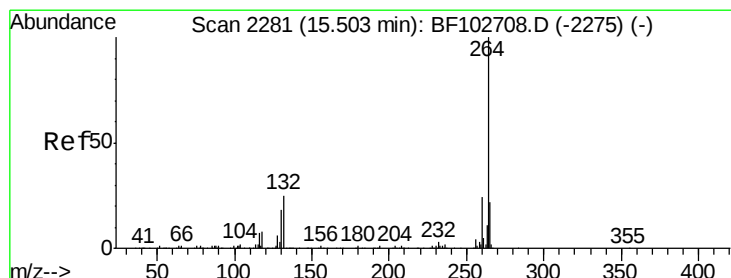
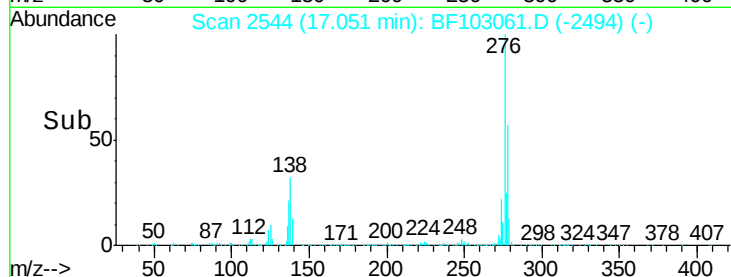
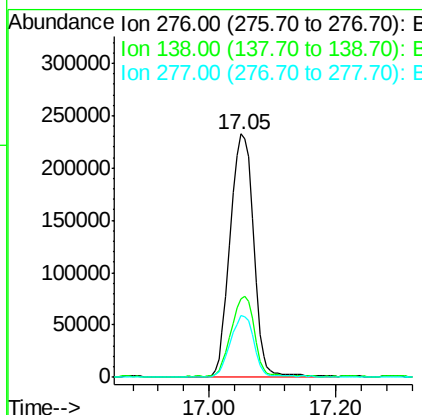
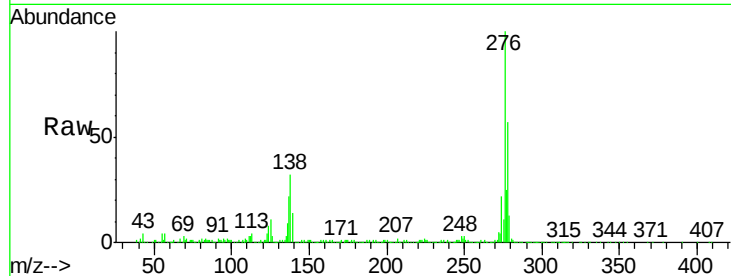
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.907 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	24.7	20.1	30.1

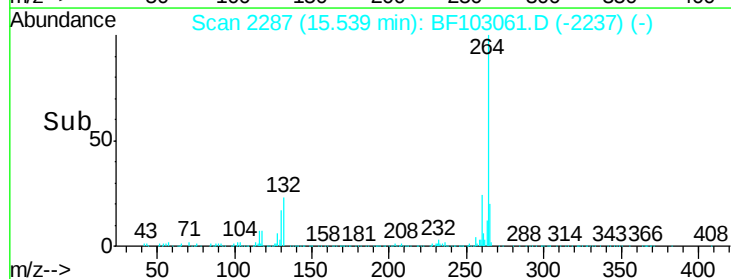
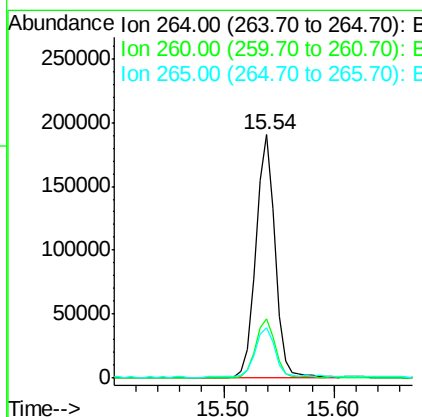
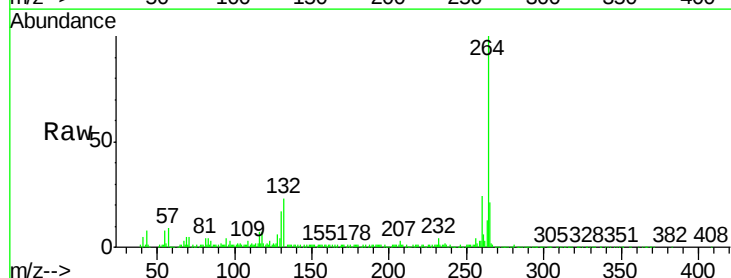
Manual Integrations
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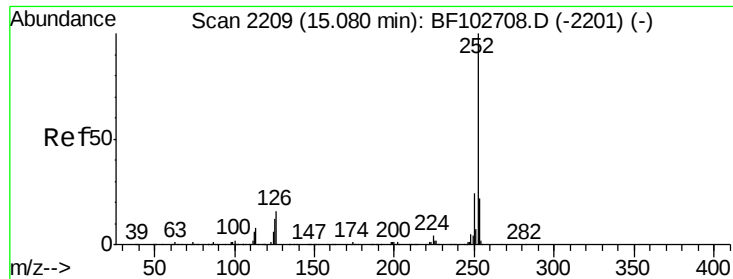
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.442 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

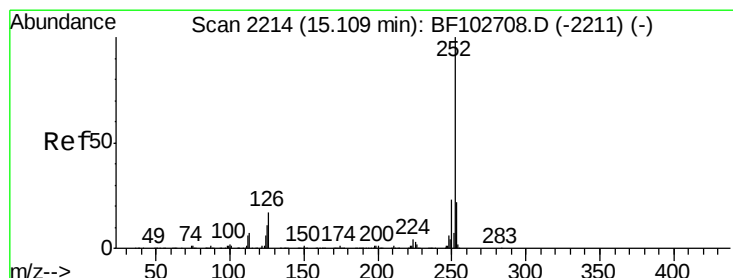
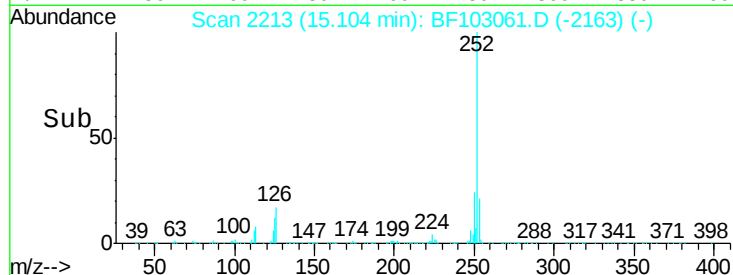
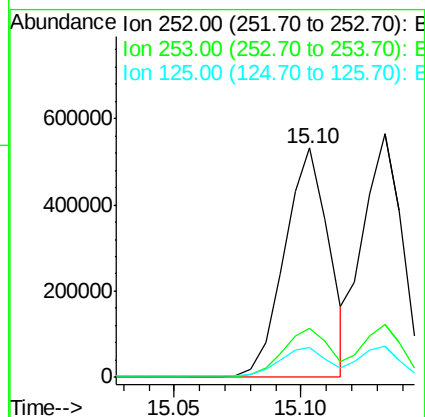
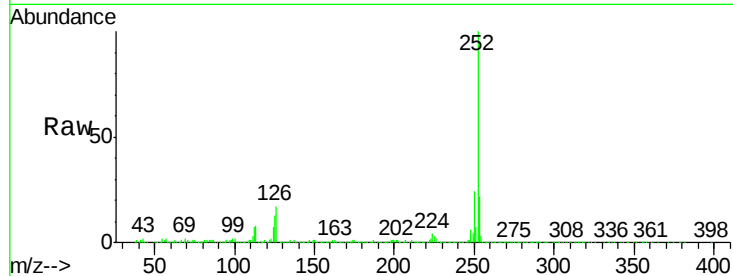
ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	252	Resp:	645956
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	13.0	9.0	13.6

Manual Integrations
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Sohil
2/19/2018 11:09:50 AM



#88

Benzo(k)fluoranthene

Concen: 41.595 ng

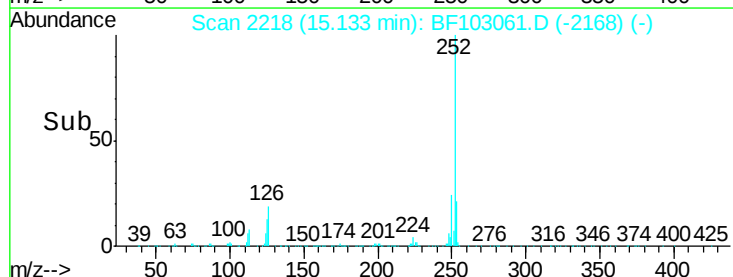
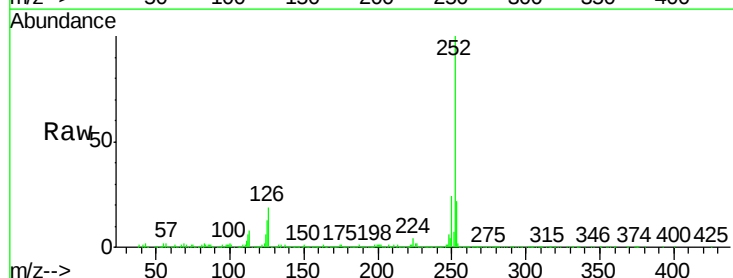
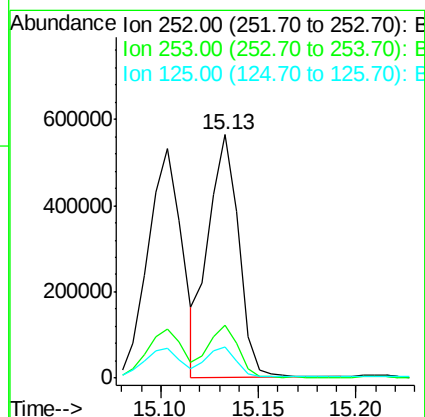
RT: 15.13 min Scan# 2218

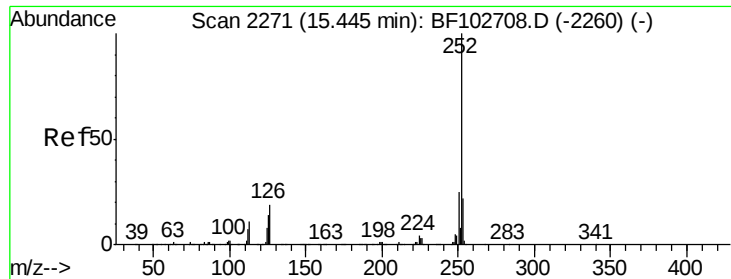
Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:	252	Resp:	604885
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	13.1	10.2	15.2





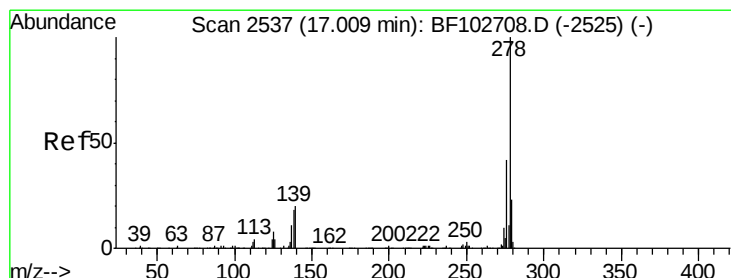
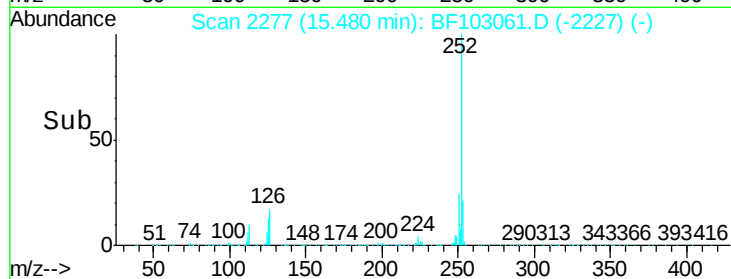
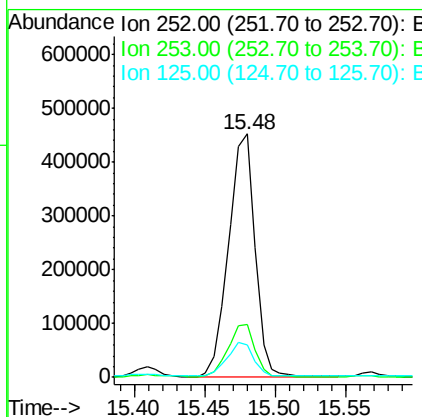
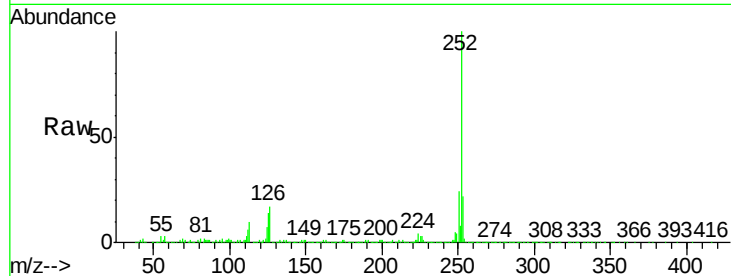
#89
Benzo(a)pyrene
Concen: 43.032 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.5	9.8	14.6

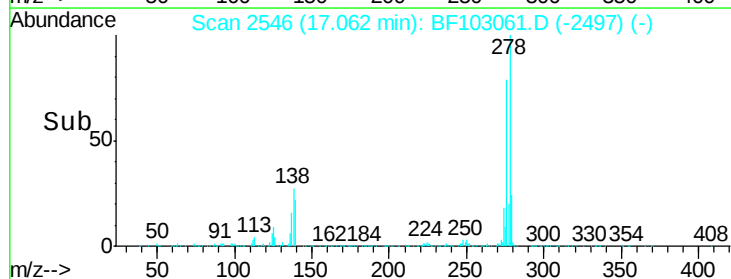
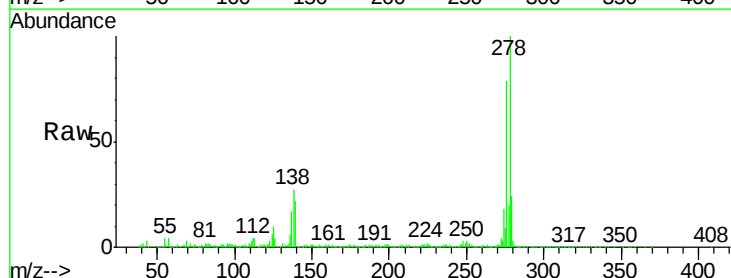
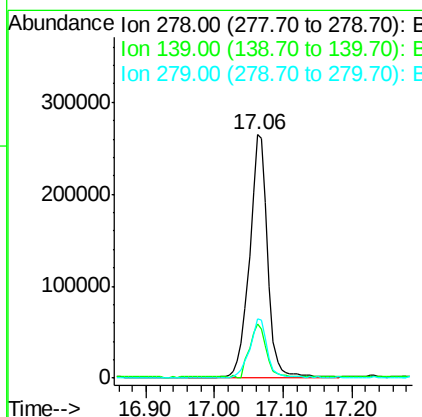
Manual Integrations
APPROVED

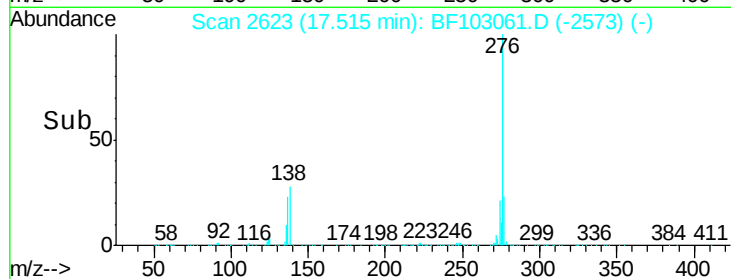
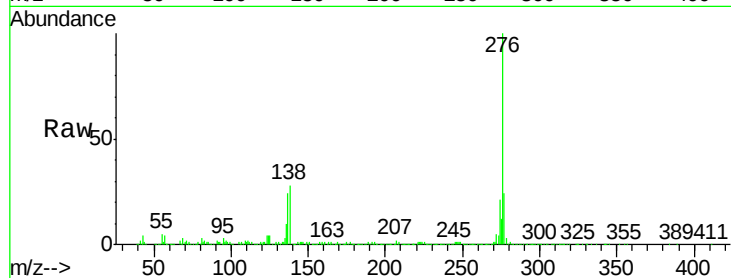
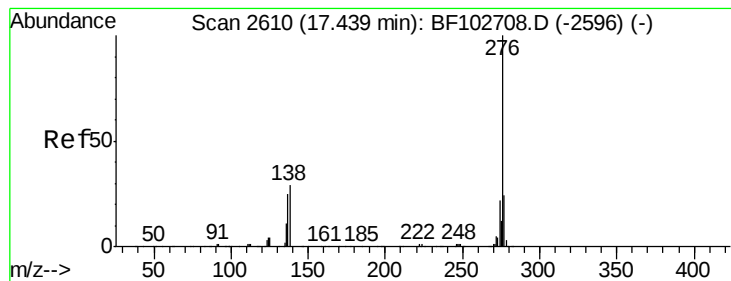
Sohil
2/19/2018 11:09:50 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.232 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 45.132 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-012-AMSD

Tgt Ion:	276	Resp:	491203
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	28.4	21.8	32.8

Manual Integrations
APPROVED

Sohil
2/19/2018 11:09:50 AM

