

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098452.D
 Acq On : 12 Sep 2017 16:07
 Operator : SJ/JU
 Sample : I5156-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:01 PM

Quant Time: Sep 13 01:21:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	215104	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	914049	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	399310	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	649078	20.00	ng	0.00
75) Chrysene-d12	13.81	240	385079	20.00	ng	0.00
86) Perylene-d12	15.21	264	385418	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1531282	105.25	ng	0.00
7) Phenol-d6	6.32	99	1880628	101.81	ng	0.00
23) Nitrobenzene-d5	7.23	82	1193484	72.79	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	312993	117.44	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1811964	76.91	ng	-0.01
78) Terphenyl-d14	12.76	244	1216824	68.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	215150	28.652	ng	87
3) Pyridine	3.03	79	546594	27.410	ng	# 80
4) n-Nitrosodimethylamine	2.99	42	308705	31.576	ng	99
6) Aniline	6.33	93	538699	23.246	ng	# 6
8) 2-Chlorophenol	6.45	128	563389	35.217	ng	93
9) Benzaldehyde	6.21	77	418017	34.618	ng	92
10) Phenol	6.33	94	756131	35.242	ng	87
11) bis(2-Chloroethyl)ether	6.40	93	558591	34.531	ng	91
12) 1,3-Dichlorobenzene	6.60	146	556469	34.559	ng	97
13) 1,4-Dichlorobenzene	6.68	146	560410	33.977	ng	95
14) 1,2-Dichlorobenzene	6.83	146	521180	34.684	ng	98
15) Benzyl Alcohol	6.82	79	461151	37.512	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	903198	33.934	ng	72
17) 2-Methylphenol	6.94	107	474697	36.389	ng	# 90
18) Hexachloroethane	7.17	117	210763	33.367	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	406831	35.014	ng	97
20) 3+4-Methylphenols	7.09	107	618652	37.579	ng	# 67
22) Acetophenone	7.08	105	806475	34.138	ng	# 91
24) Nitrobenzene	7.25	77	624350	33.431	ng	98
25) Isophorone	7.49	82	1112467	33.536	ng	100
26) 2-Nitrophenol	7.57	139	294352	39.036	ng	# 83
27) 2,4-Dimethylphenol	7.62	122	505824	35.189	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	710811	35.116	ng	99
29) 2,4-Dichlorophenol	7.82	162	441838	36.959	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	468385	36.017	ng	99
31) Naphthalene	7.97	128	1580802	34.984	ng	100
32) Benzoic acid	7.71	122	8584m	8.712	ng	
33) 4-Chloroaniline	8.02	127	369977	20.146	ng	99
34) Hexachlorobutadiene	8.09	225	232236	34.786	ng	98
35) Caprolactam	8.40	113	137732m	33.410	ng	
36) 4-Chloro-3-methylphenol	8.52	107	505912	34.123	ng	# 83
37) 2-Methylnaphthalene	8.66	142	1027460	37.538	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	419628	33.737	ng	99
40) Hexachlorocyclopentadiene	8.81	237	118190	38.291	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
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Instrument :
 BNA_F
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 FK-GF-02-011-AMSD

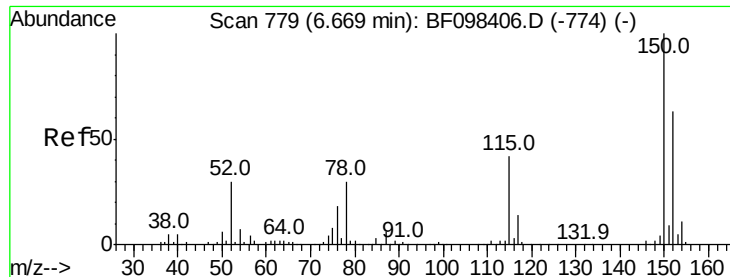
Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:01 PM

Quant Time: Sep 13 01:21:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	278439	38.111	nq	92
43) 2,4,5-Trichlorophenol	8.99	196	289490	37.909	nq	93
45) 1,1'-Biphenyl	9.12	154	1213936	33.965	nq	97
46) 2-Chloronaphthalene	9.15	162	914941	35.845	nq	# 92
47) 2-Nitroaniline	9.25	65	354481	36.183	nq	95
48) Acenaphthylene	9.56	152	1331348	35.080	nq	99
49) Dimethylphthalate	9.43	163	1206153	39.022	nq	99
50) 2,6-Dinitrotoluene	9.50	165	240151	37.824	nq	# 85
51) Acenaphthene	9.73	154	841834	34.895	nq	99
52) 3-Nitroaniline	9.66	138	202743	26.453	nq	100
53) 2,4-Dinitrophenol	9.78	184	28384	16.974	nq	# 79
54) Dibenzofuran	9.90	168	1146003	36.058	nq	99
55) 4-Nitrophenol	9.85	139	301846	68.548	nq	# 44
56) 2,4-Dinitrotoluene	9.90	165	281034	36.408	nq	# 57
57) Fluorene	10.25	166	898900	34.171	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	200568	39.082	nq	99
59) Diethylphthalate	10.13	149	1031269	35.082	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	432122	35.564	nq	# 87
61) 4-Nitroaniline	10.28	138	243076	31.404	nq	91
62) Azobenzene	10.40	77	1083073	34.185	nq	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	78384	22.617	nq	86
65) n-Nitrosodiphenylamine	10.36	169	830212	39.392	nq	98
66) 4-Bromophenyl-phenylether	10.73	248	251370	40.805	nq	94
67) Hexachlorobenzene	10.79	284	231858	37.105	nq	# 86
68) Atrazine	10.89	200	255987	39.453	nq	98
69) Pentachlorophenol	10.99	266	157121	58.815	nq	96
70) Phenanthrene	11.20	178	1283815	37.310	nq	99
71) Anthracene	11.26	178	1293046	36.601	nq	99
72) Carbazole	11.42	167	1102430	33.484	nq	99
73) Di-n-butylphthalate	11.74	149	1456072	36.911	nq	99
74) Fluoranthene	12.39	202	1113512	32.326	nq	98
76) Benzidine	12.52	184	519986	30.511	nq	# 93
77) Pyrene	12.62	202	1111032	36.574	nq	99
79) Butylbenzylphthalate	13.23	149	502889	38.160	nq	# 75
80) Benzo(a)anthracene	13.80	228	802435	35.543	nq	98
81) 3,3'-Dichlorobenzidine	13.76	252	265469	30.257	nq	98
82) Chrysene	13.84	228	816676	35.786	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	633686	38.314	nq	99
84) Di-n-octyl phthalate	14.40	149	1100339	38.776	nq	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	669305	41.803	nq	98
87) Benzo(b)fluoranthene	14.82	252	799433	32.988	nq	97
88) Benzo(k)fluoranthene	14.84	252	794643	35.124	nq	96
89) Benzo(a)pyrene	15.16	252	770979	35.710	nq	99
90) Dibenzo(a,h)anthracene	16.56	278	567631	36.142	nq	96
91) Benzo(g,h,i)perylene	16.96	276	540760	34.233	nq	99

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



#1

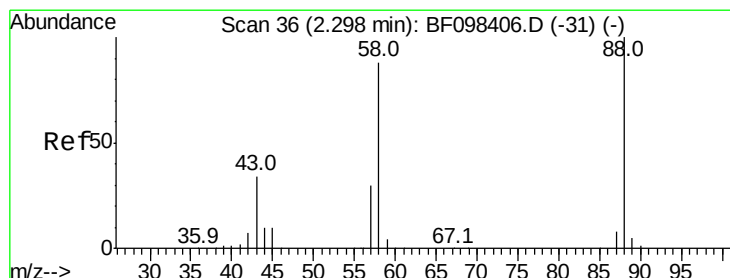
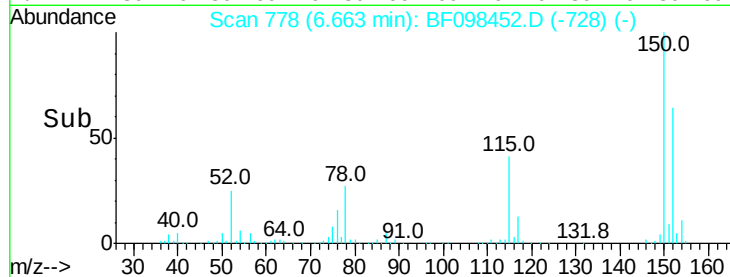
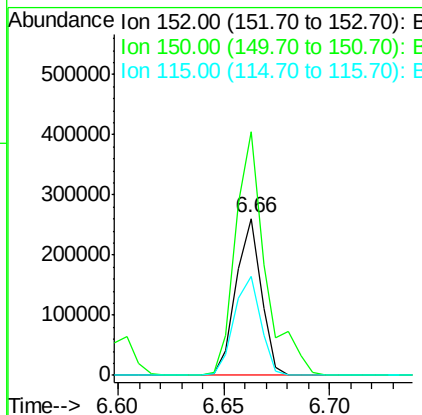
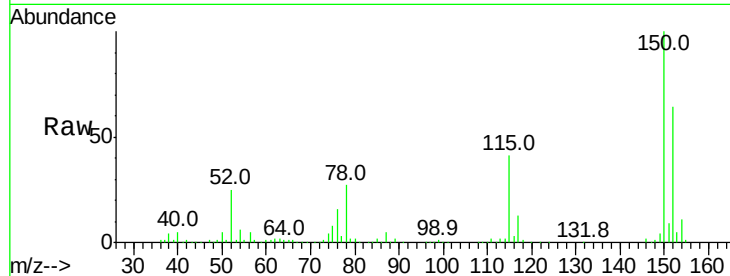
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	63.6	52.2	78.2

Manual Integrations
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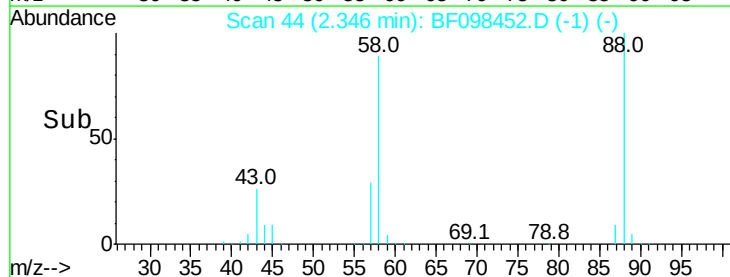
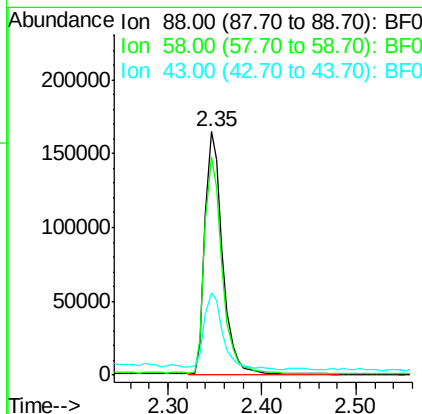
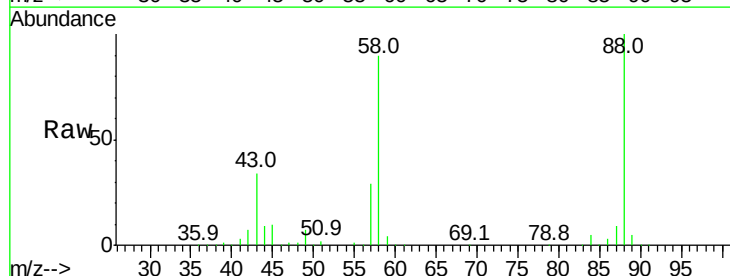
Sohil
9/13/2017 5:00:01 PM

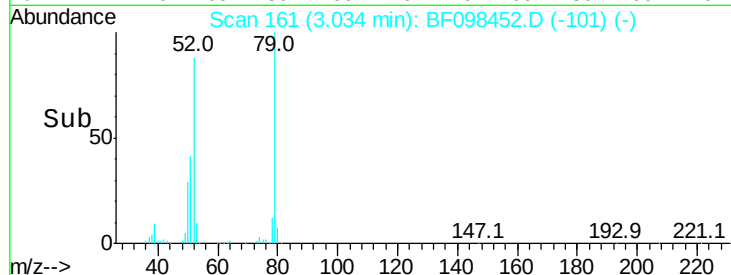
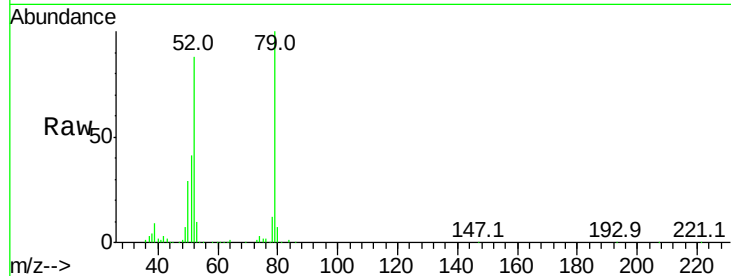
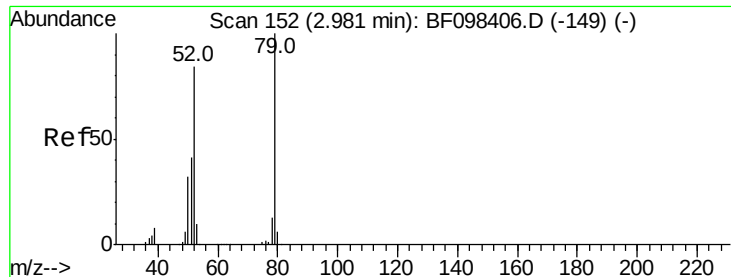


#2

1,4-Dioxane
Concen: 28.652 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.9	61.4	92.0
43	33.4	23.4	35.0





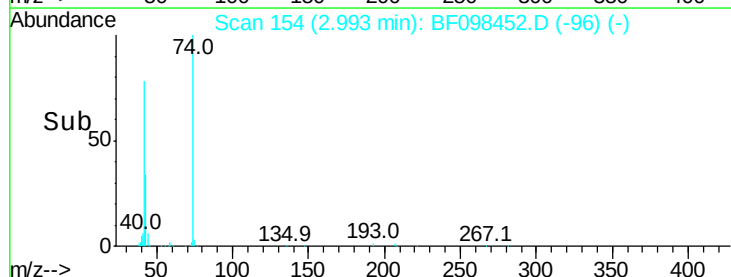
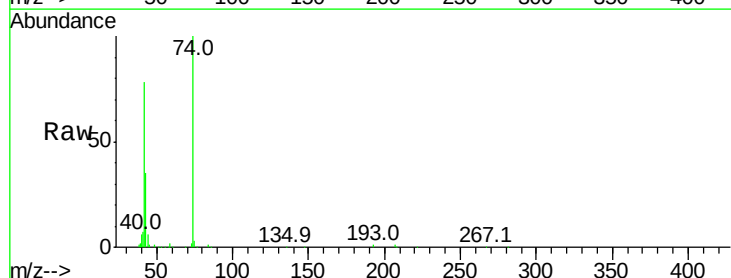
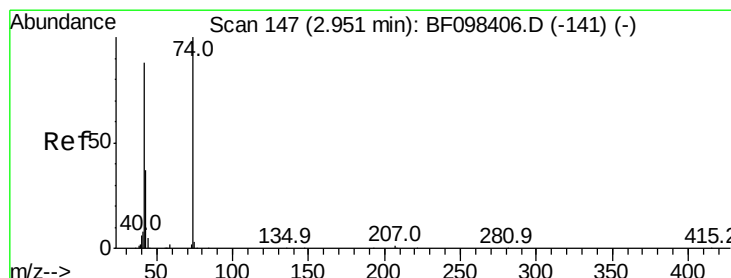
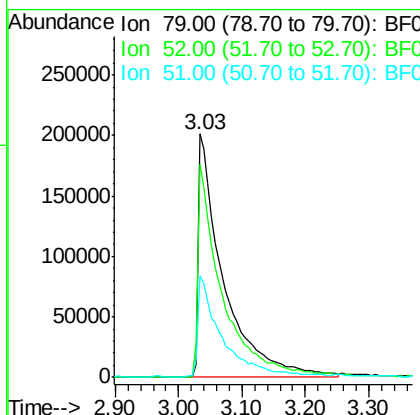
#3
Pvridine
Concen: 27.410 ng
RT: 3.03 min Scan# 161
Delta R.T. 0.05 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.6	54.8	82.2#
51	41.4	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

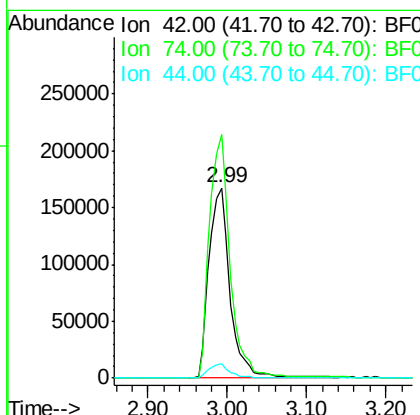
Manual Integrations
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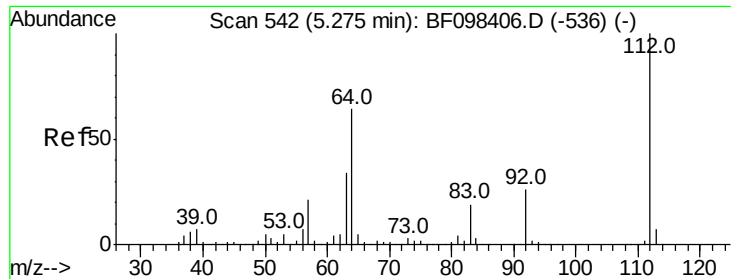
Sohil
9/13/2017 5:00:01 PM



#4
n-Nitrosodimethylamine
Concen: 31.576 ng
RT: 2.99 min Scan# 154
Delta R.T. 0.04 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.2	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 105.253 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:112 Resp: 1531282

Ion Ratio Lower Upper

112 100

64 64.7 46.0 69.0

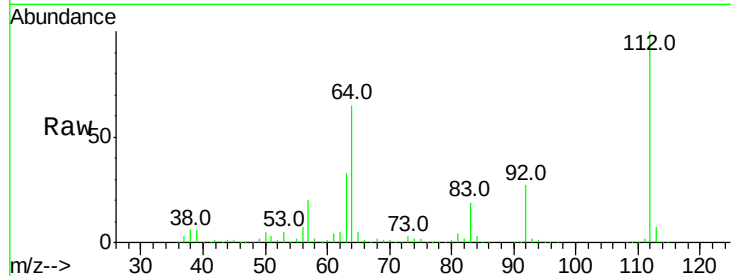
63 33.1 23.4 35.0

Manual Integrations

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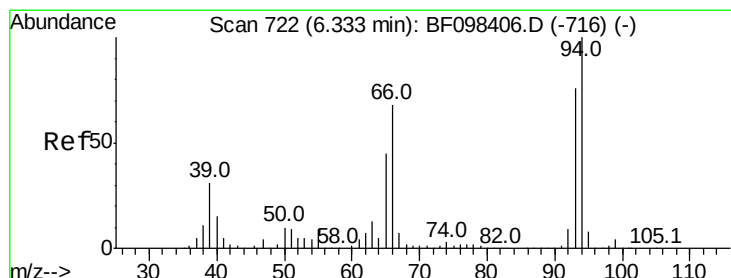
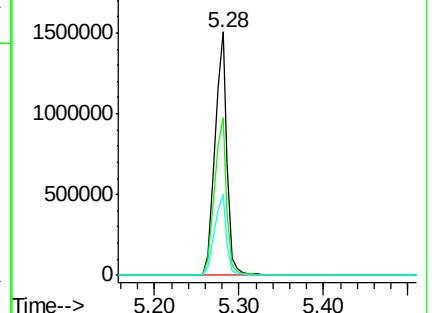
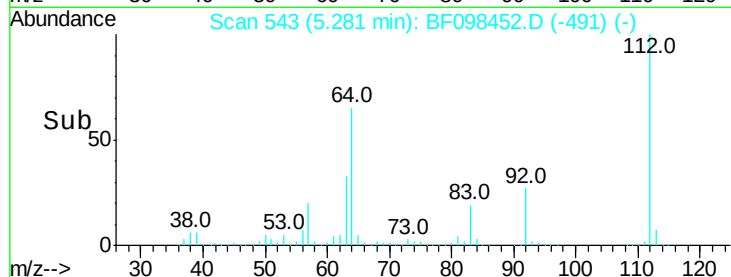
9/13/2017 5:00:01 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.246 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

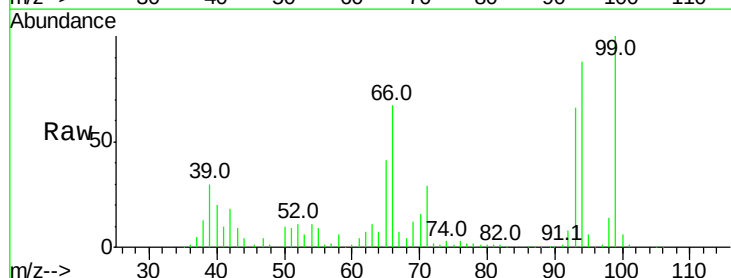
Tgt Ion: 93 Resp: 538699

Ion Ratio Lower Upper

93 100

66 101.0 32.9 49.3#

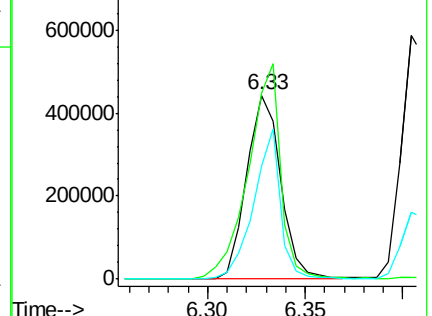
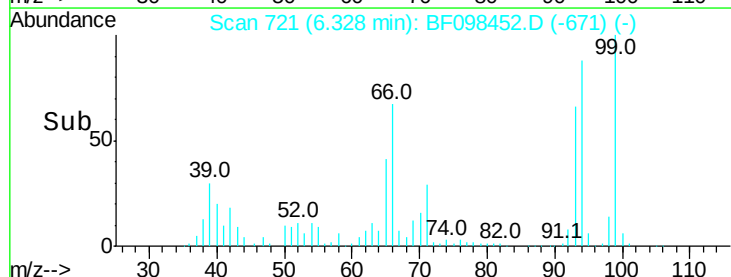
65 61.2 16.0 24.0#

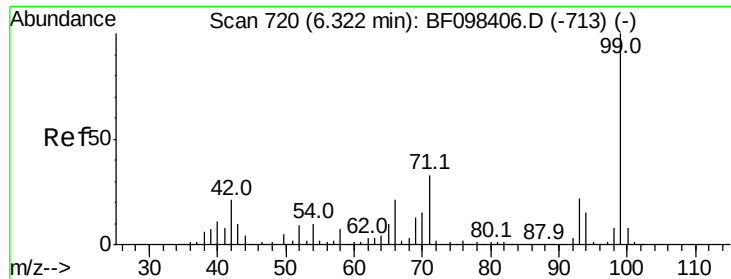


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.811 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion: 99 Resp: 1880628

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

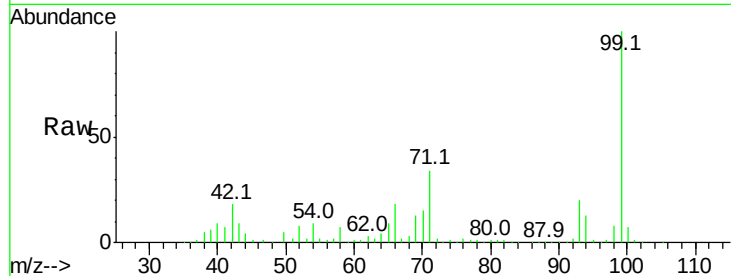
71 33.6 24.5 36.7

Manual Integrations

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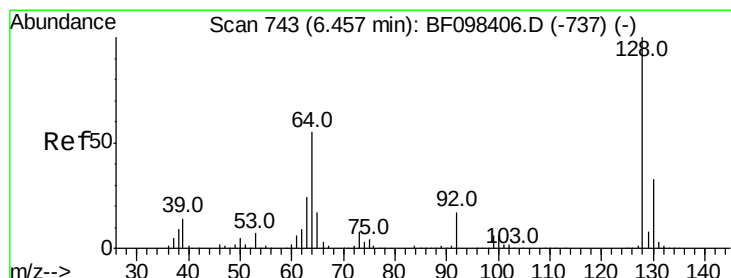
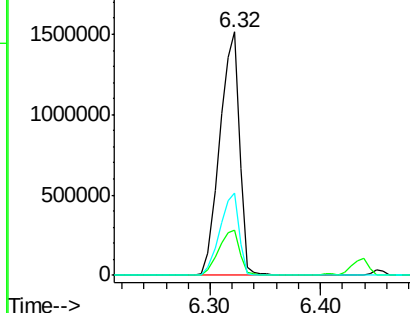
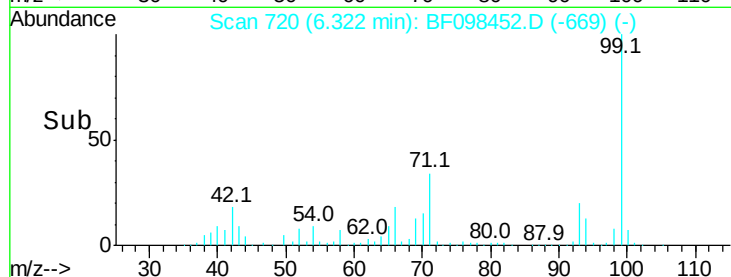
9/13/2017 5:00:01 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.217 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

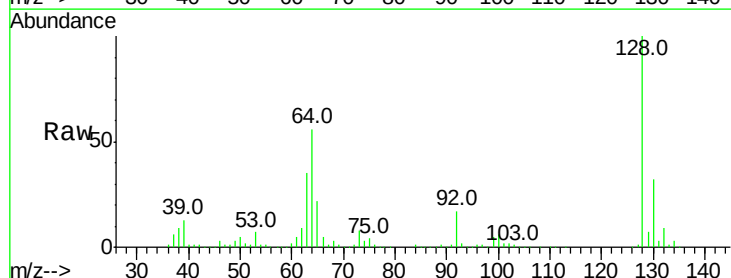
Tgt Ion: 128 Resp: 563389

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

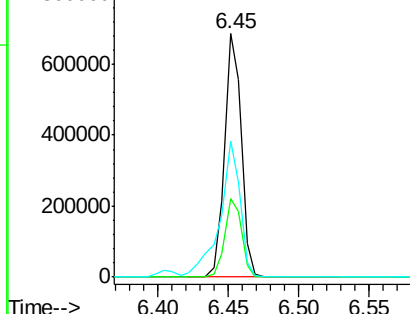
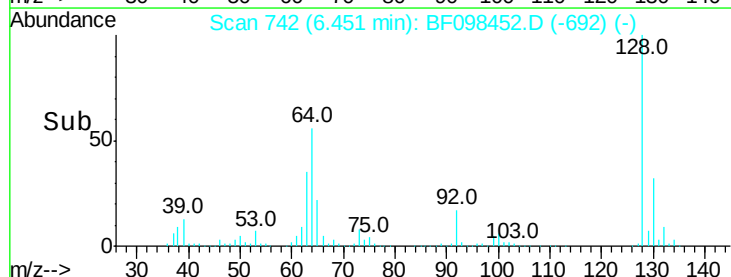
64 55.9 28.4 68.4

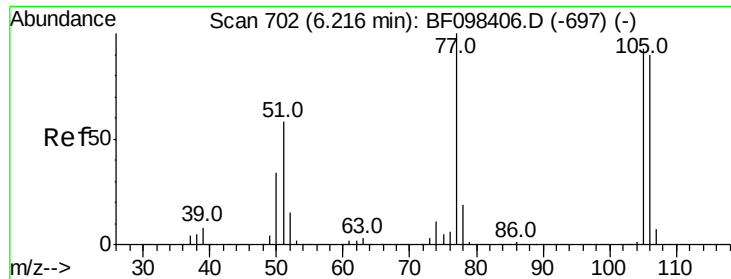


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





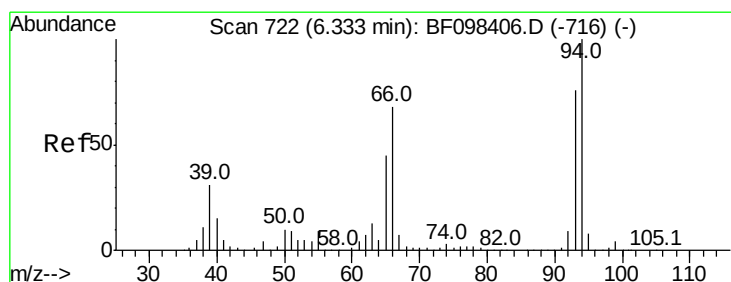
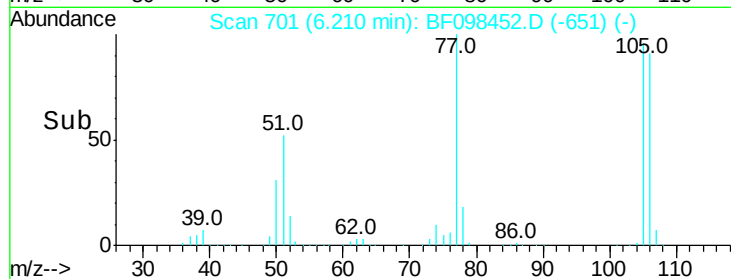
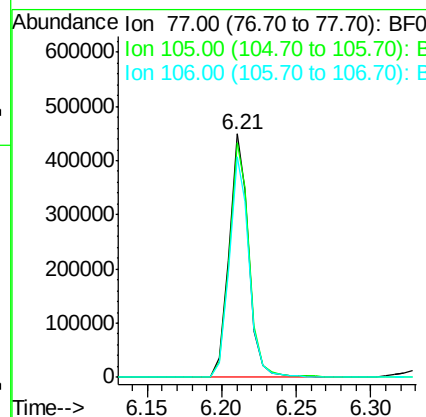
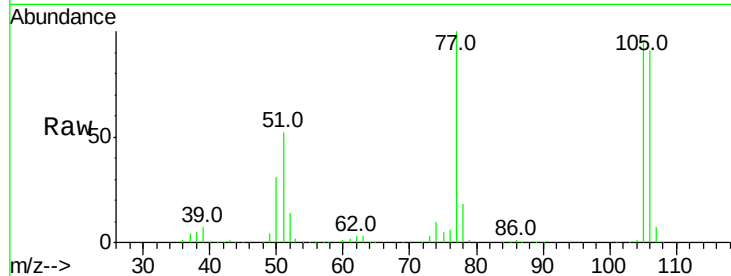
#9
Benzaldehyde
Concen: 34.618 ng
RT: 6.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	83.8	123.8
106	90.7	79.1	119.1

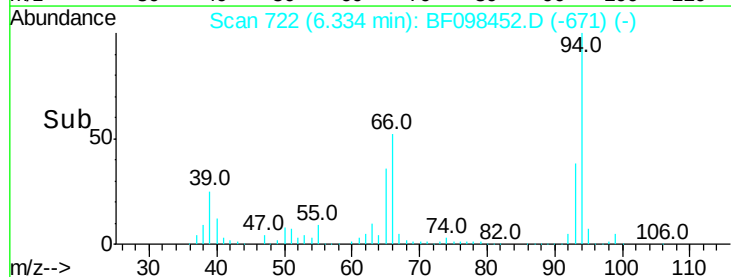
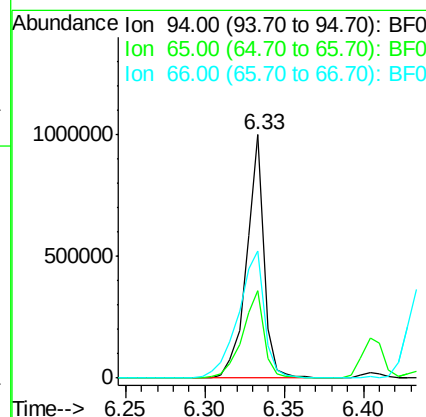
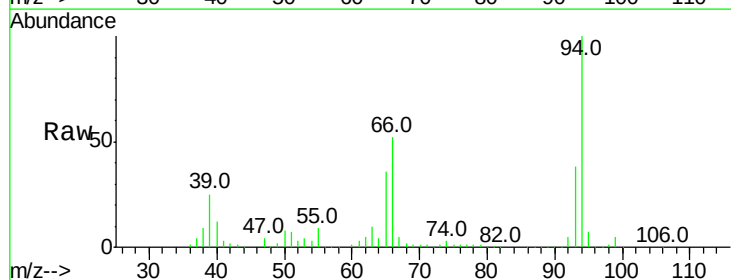
Manual Integrations
APPROVED

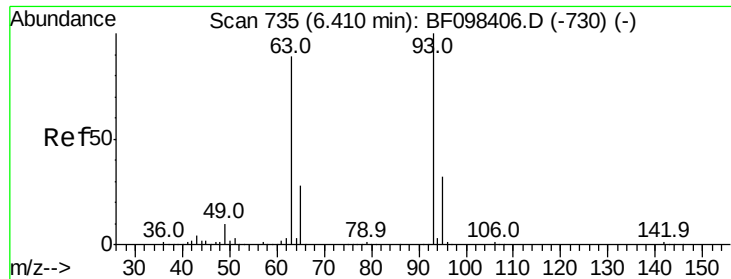
Sohil
9/13/2017 5:00:01 PM



#10
Phenol
Concen: 35.242 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	9.9	49.9
66	52.0	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 34.531 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

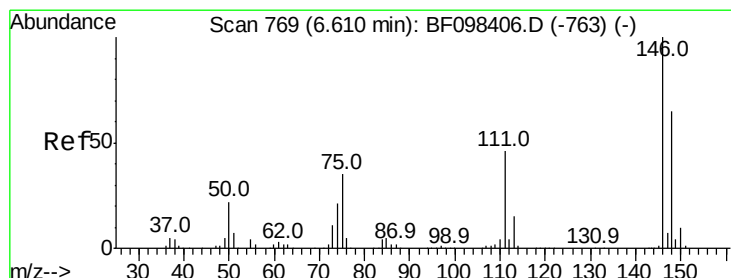
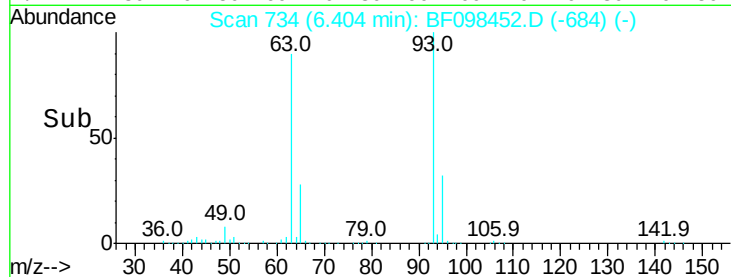
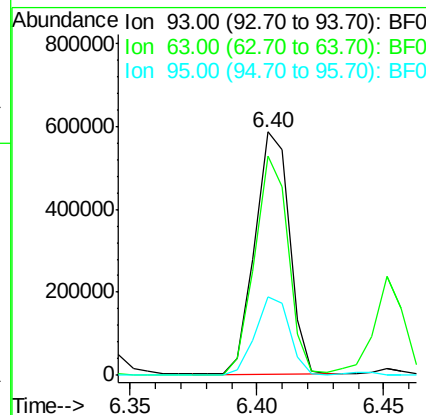
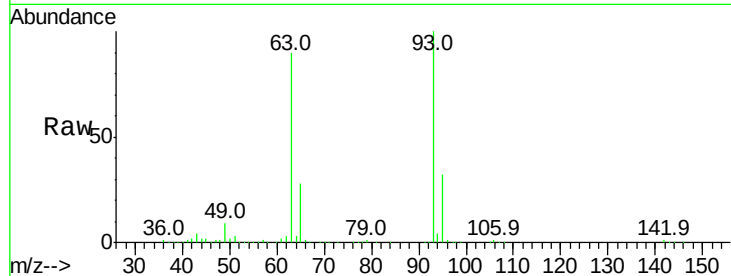
ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:	93	Resp:	558591
Ion Ratio	Lower	Upper	
93	100		
63	90.0	59.2	99.2
95	32.2	12.8	52.8

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9/13/2017 5:00:01 PM



#12

1,3-Dichlorobenzene

Concen: 34.559 ng

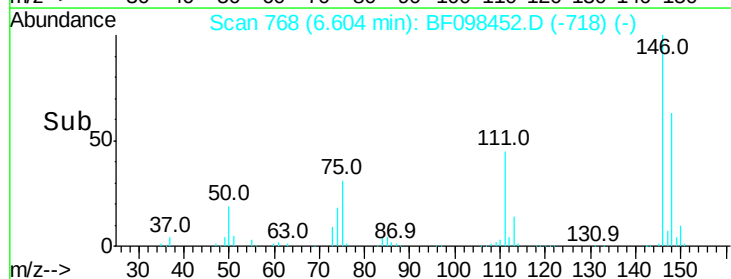
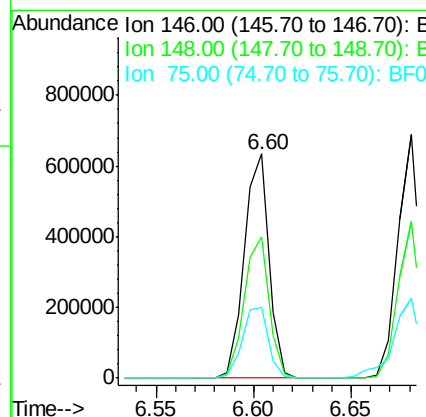
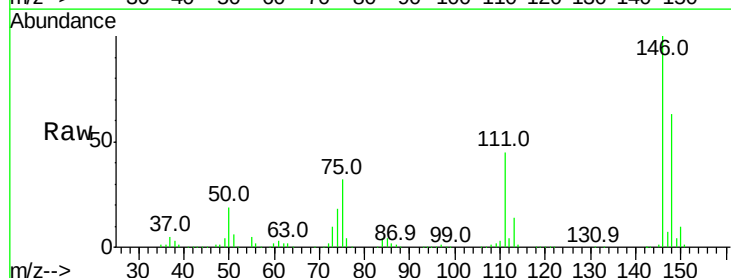
RT: 6.60 min Scan# 768

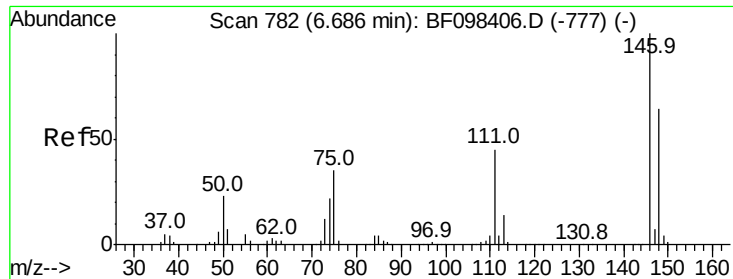
Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:	146	Resp:	556469
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.6
75	31.6	23.1	34.7





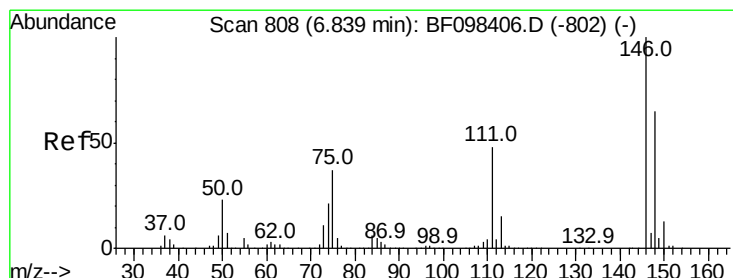
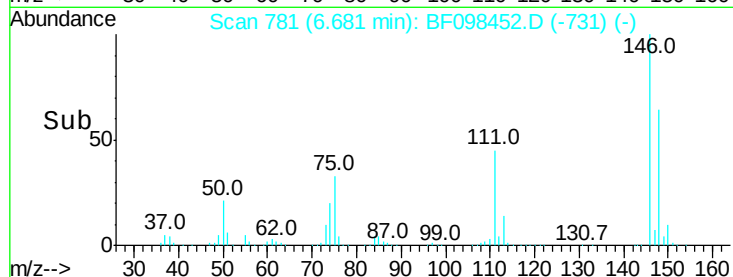
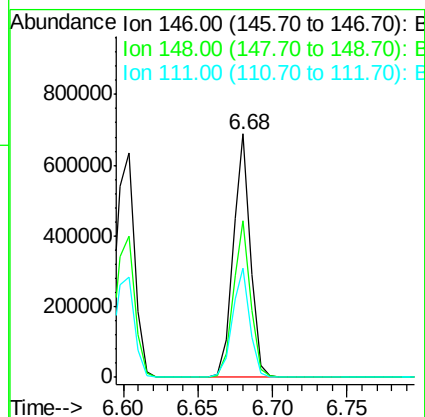
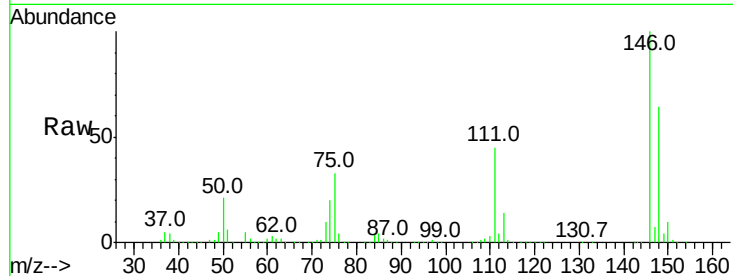
#13
 1,4-Dichlorobenzene
 Concen: 33.977 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	44.8	30.3	45.5

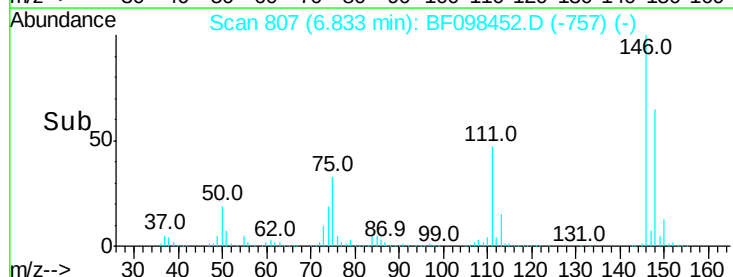
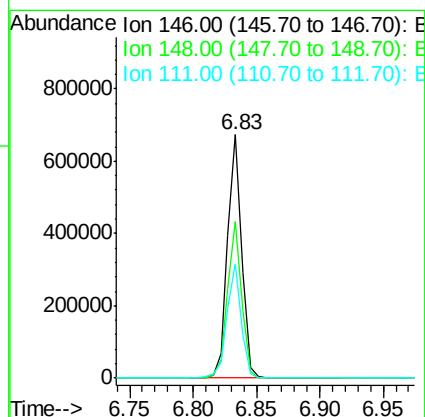
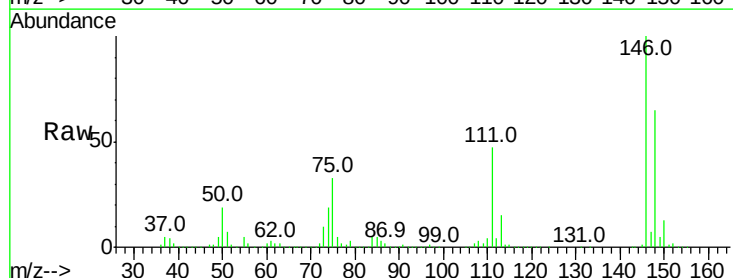
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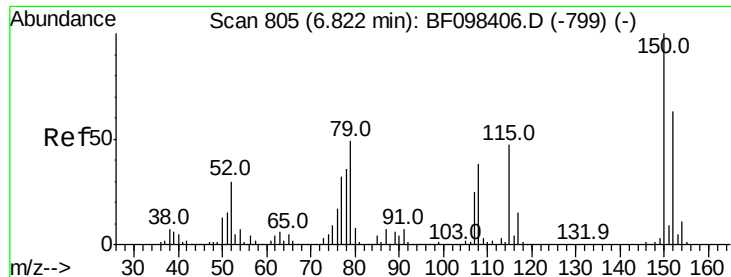
Sohil
 9/13/2017 5:00:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.684 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	46.8	38.2	57.4





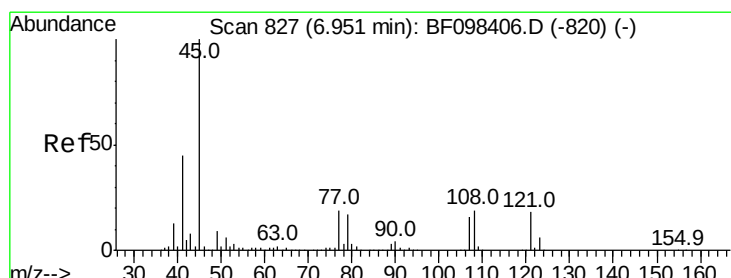
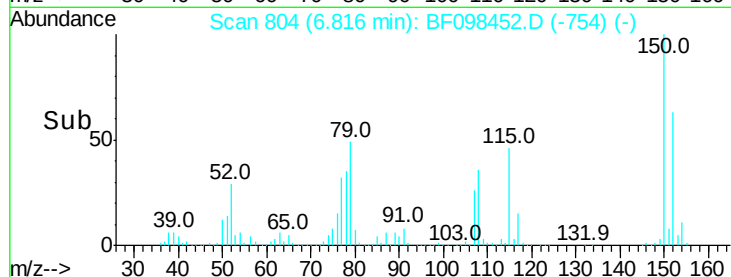
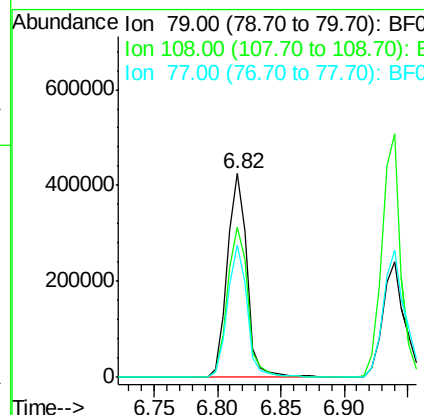
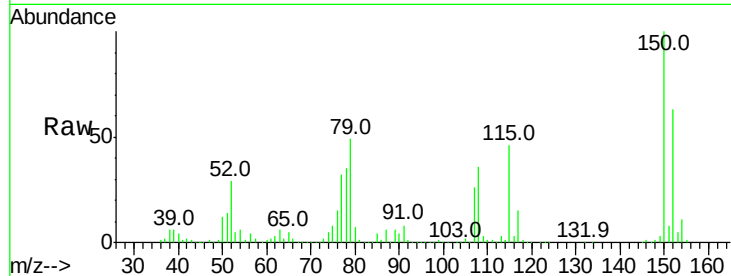
#15
Benzyl Alcohol
Concen: 37.512 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.0	63.4	95.0
77	64.7	49.2	73.8

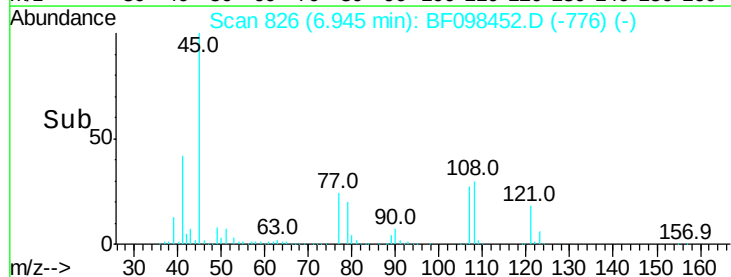
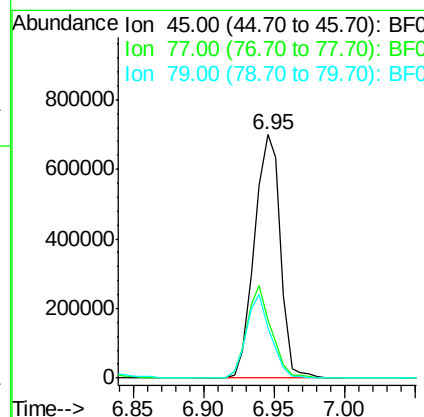
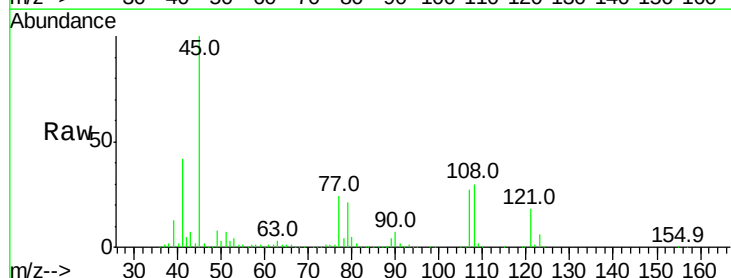
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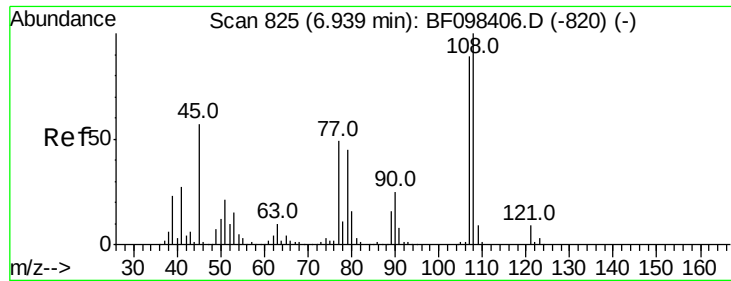
Sohil
9/13/2017 5:00:01 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.934 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.0	0.0	33.2
79	20.6	0.0	30.0





#17

2-Methylphenol

Concen: 36.389 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:107 Resp: 474697

Ion Ratio Lower Upper

107 100

108 112.6 93.4 140.0

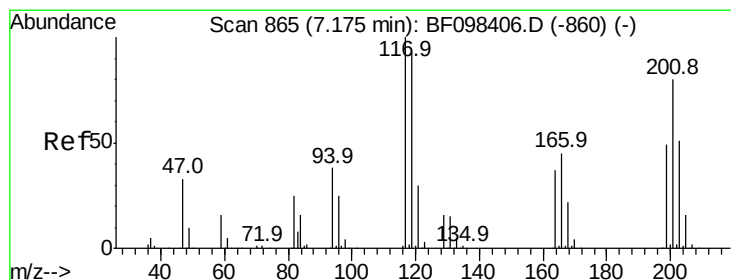
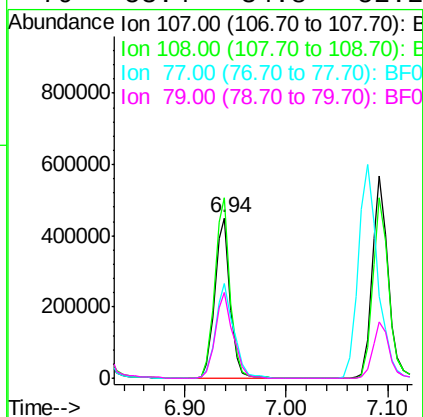
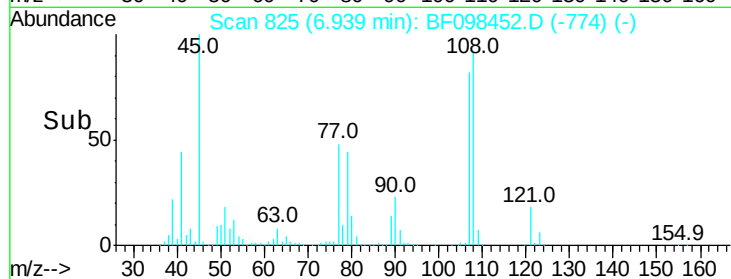
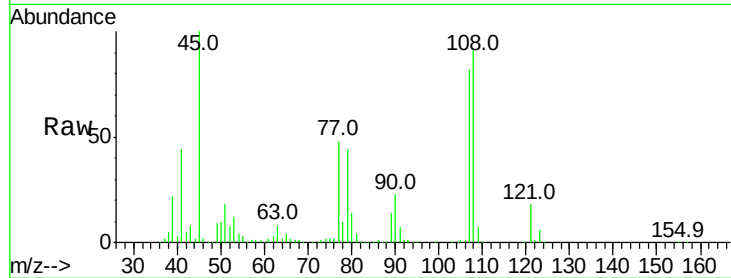
77 58.8 35.8 53.6#

79 53.4 34.8 52.2#

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9/13/2017 5:00:01 PM



#18

Hexachloroethane

Concen: 33.367 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

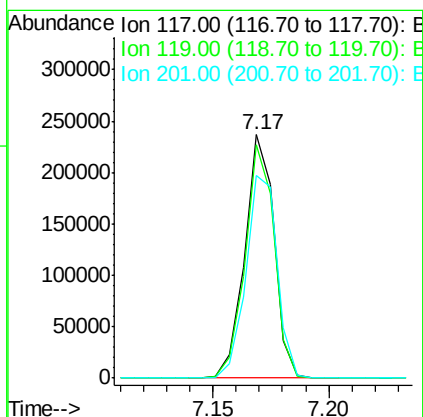
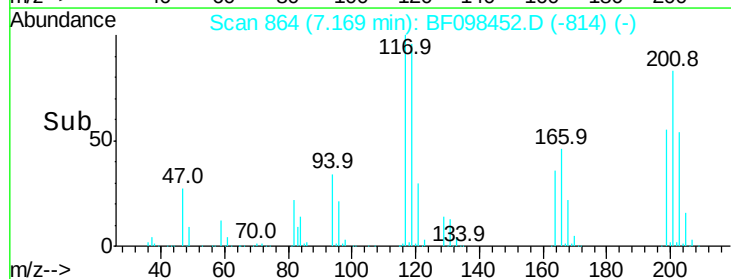
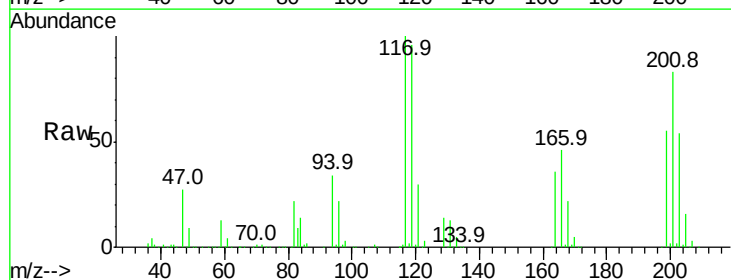
Tgt Ion:117 Resp: 210763

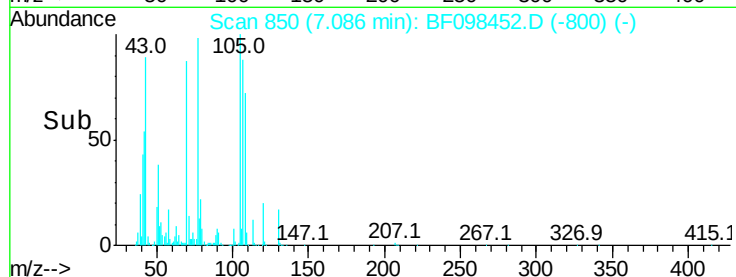
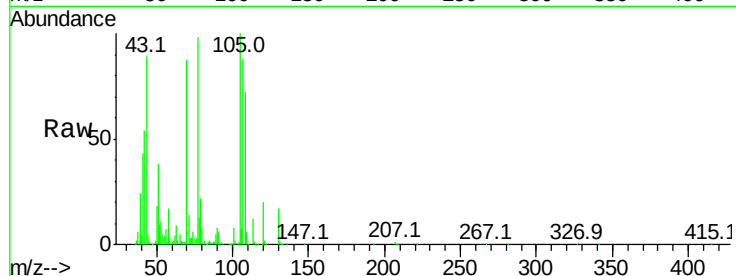
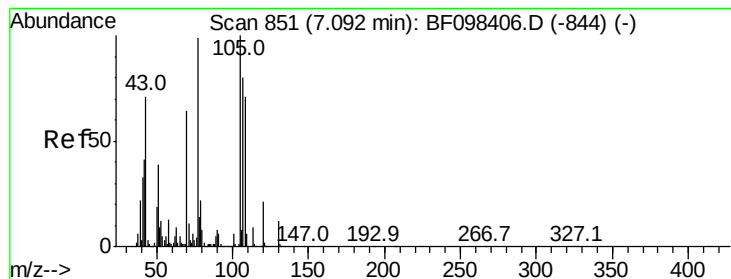
Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

201 83.5 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 35.014 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

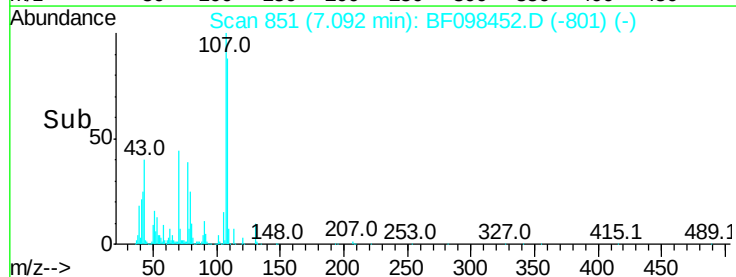
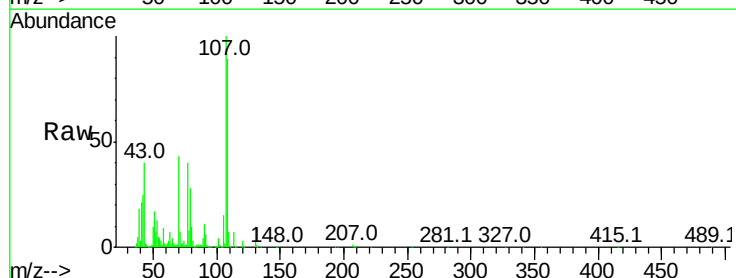
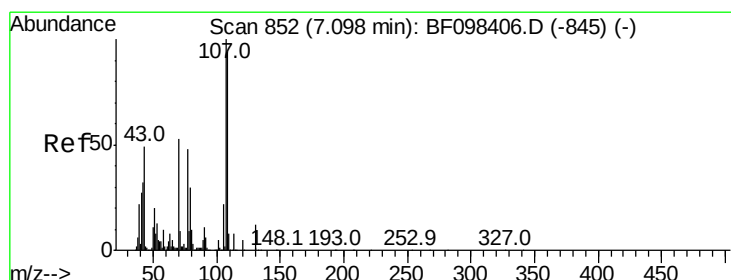
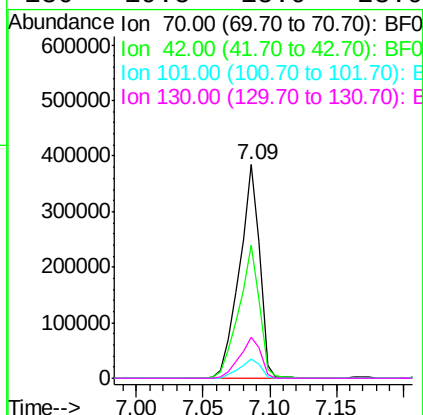
ClientSampleId :

FK-GF-02-011-AMSD

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9/13/2017 5:00:01 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		406831		
42	62.5	47.2	70.8		
101	9.1	7.2	10.8		
130	19.5	15.9	23.9		



#20

3+4-Methylphenols

Concen: 37.579 ng

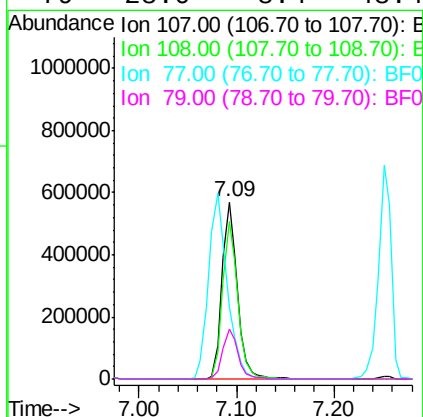
RT: 7.09 min Scan# 851

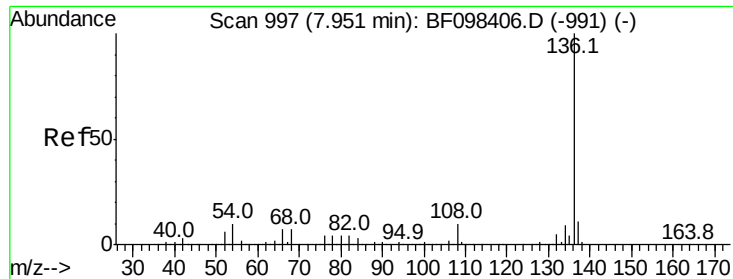
Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		618652		
108	88.9	71.0	111.0		
77	40.4	90.5	130.5#		
79	28.0	8.4	48.4		





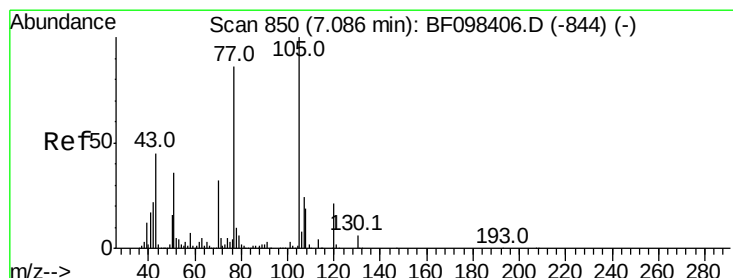
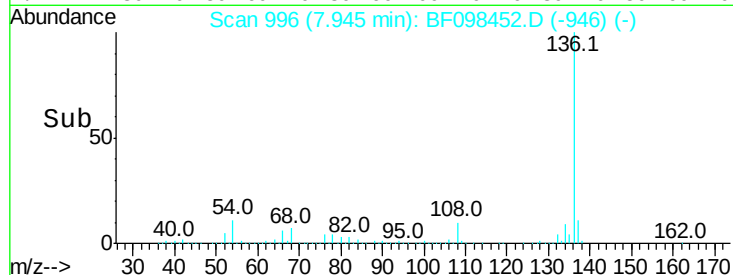
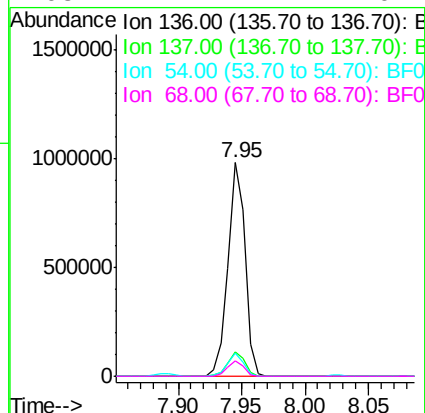
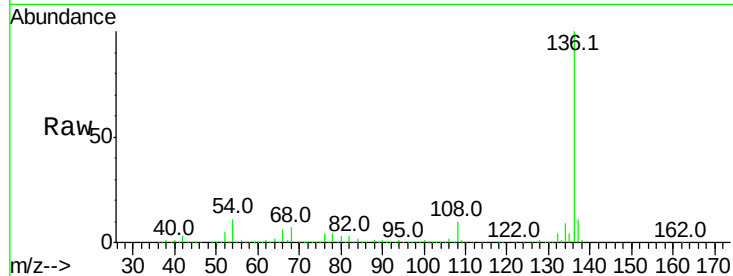
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	10.6	4.9	7.3#	
68	7.2	4.1	6.1#	

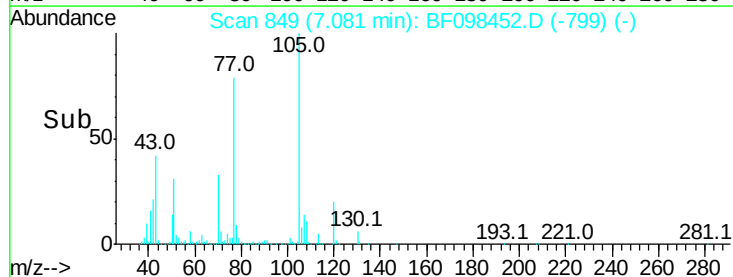
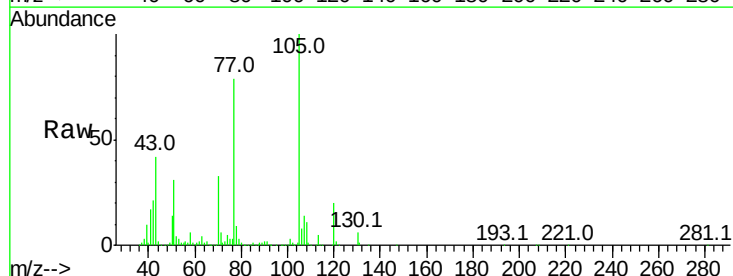
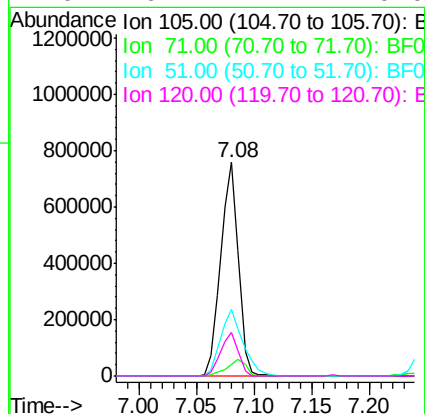
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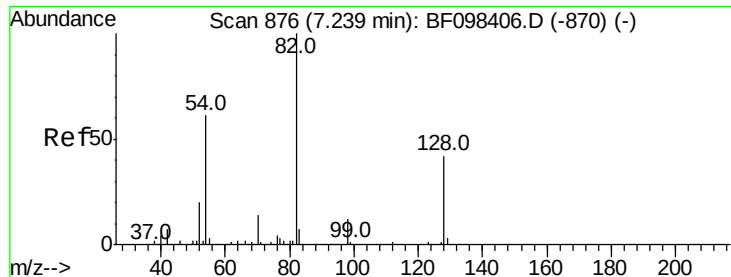
Sohil
9/13/2017 5:00:01 PM



#22
Acetophenone
Concen: 34.138 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	2.8	4.2#	
51	31.1	30.7	46.1	
120	20.4	17.4	26.0	





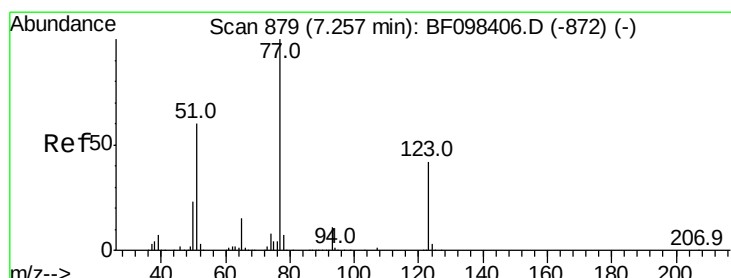
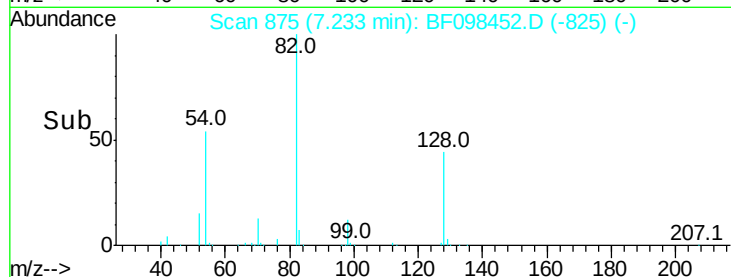
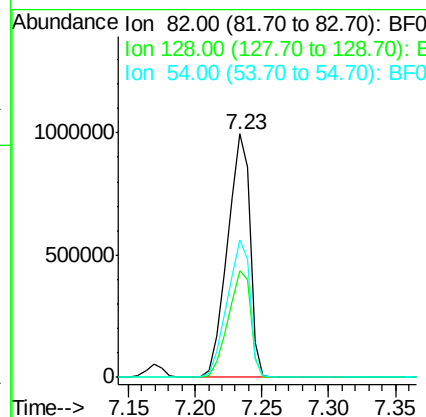
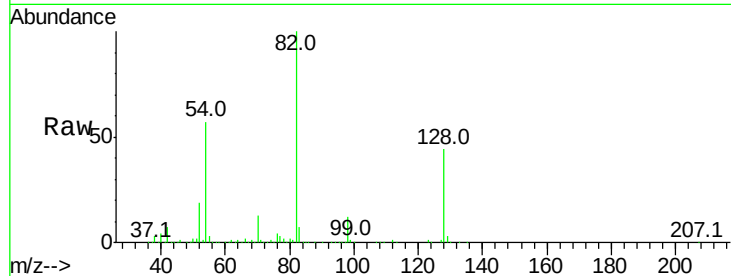
#23
 Nitrobenzene-d5
 Concen: 72.793 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	82	Resp	1193484
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	56.5	42.2	63.2

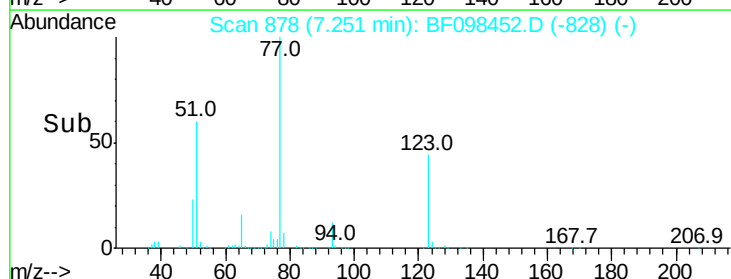
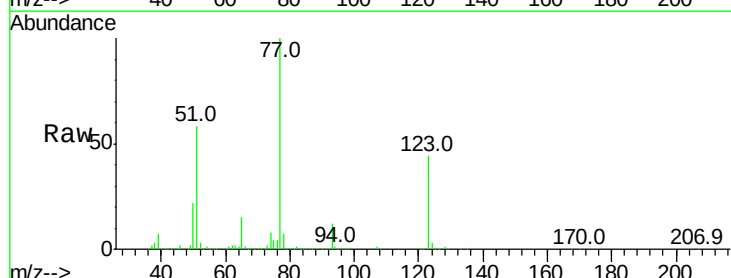
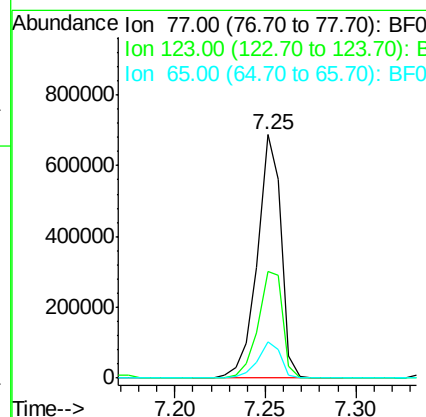
Manual Integrations
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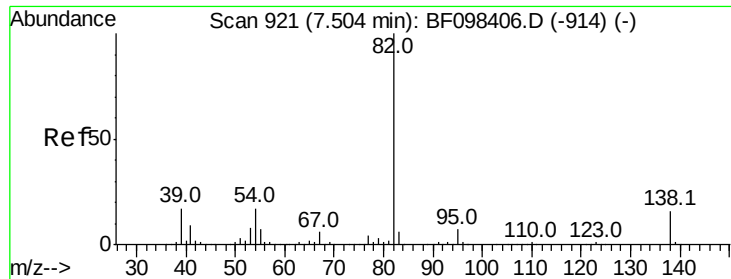
Sohil
 9/13/2017 5:00:01 PM



#24
 Nitrobenzene
 Concen: 33.431 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	77	Resp	624350
Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 33.536 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion: 82 Resp: 1112467

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

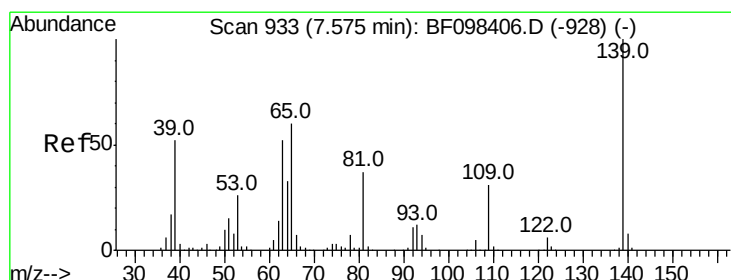
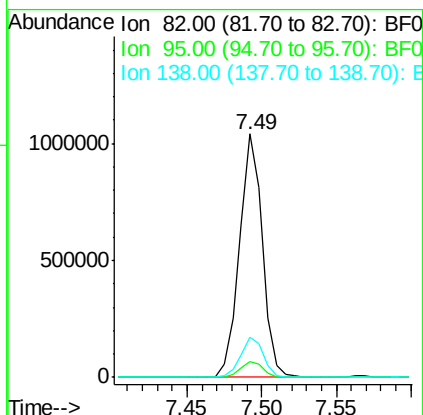
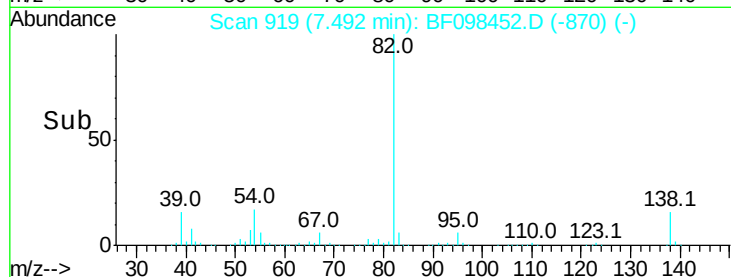
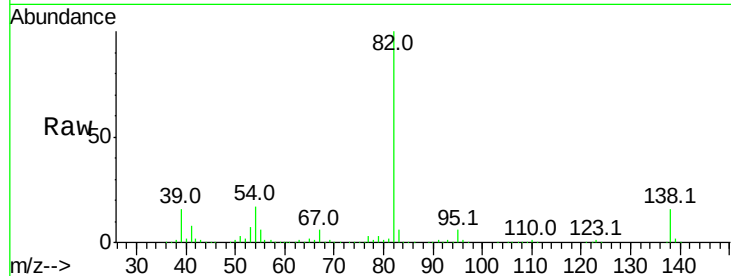
138 16.3 13.1 19.7

Manual Integrations

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9/13/2017 5:00:01 PM



#26

2-Nitrophenol

Concen: 39.036 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

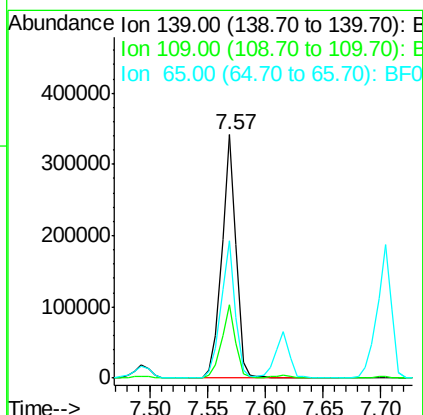
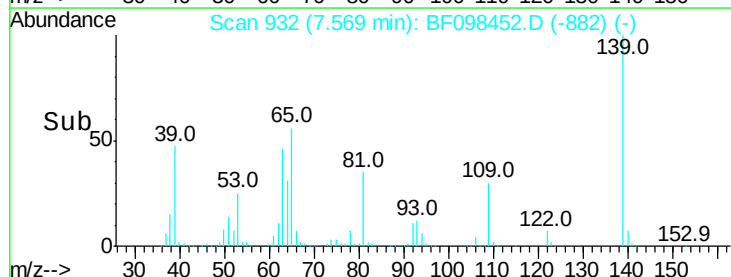
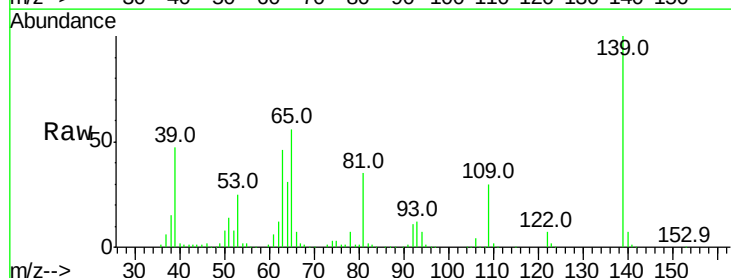
Tgt Ion: 139 Resp: 294352

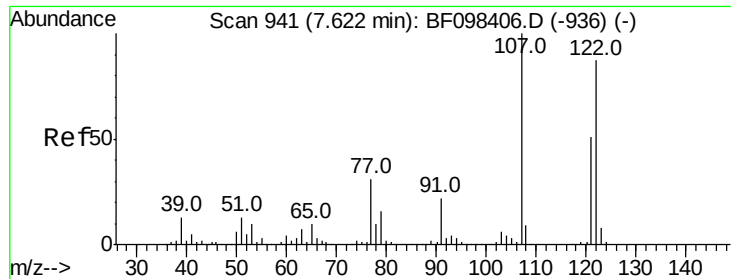
Ion Ratio Lower Upper

139 100

109 30.0 21.0 31.6

65 56.2 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 35.189 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

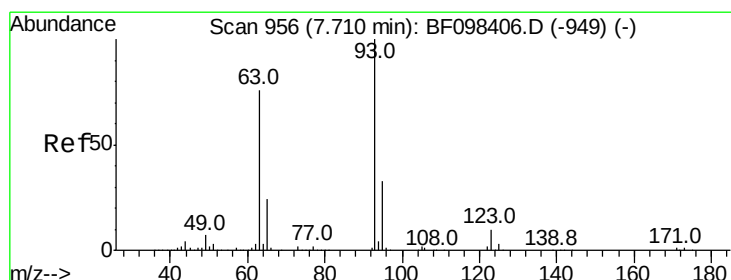
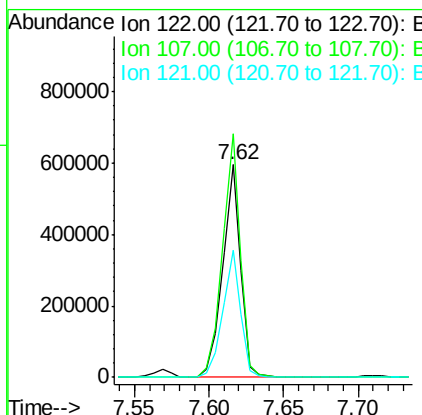
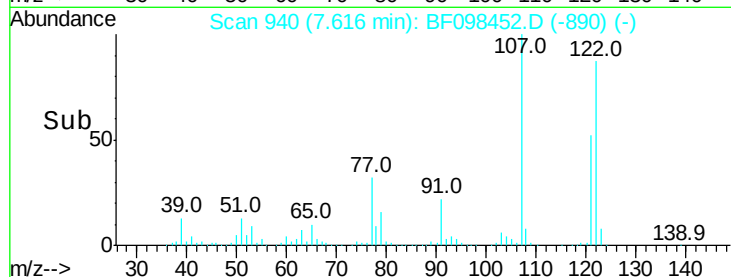
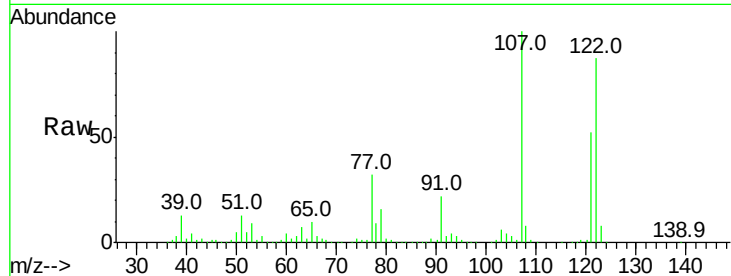
ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:	122	Resp:	505824
Ion Ratio	Lower	Upper	
122	100		
107	114.4	89.2	133.8
121	59.7	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.116 ng

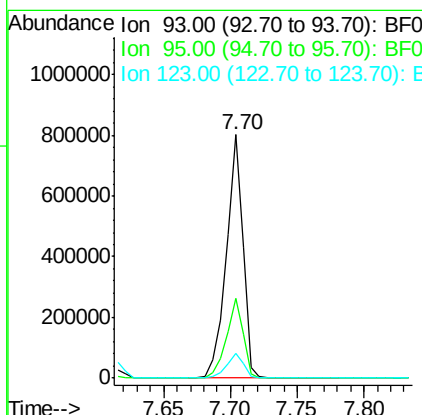
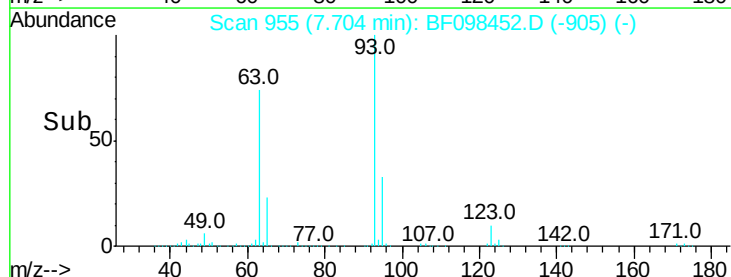
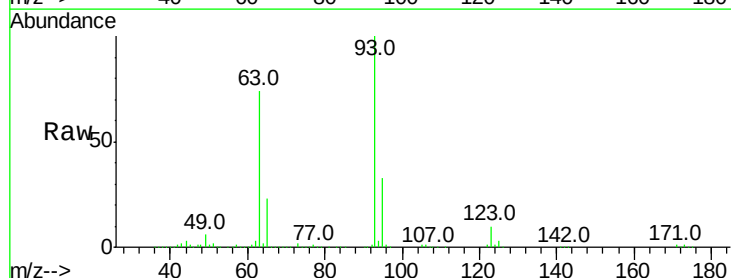
RT: 7.70 min Scan# 955

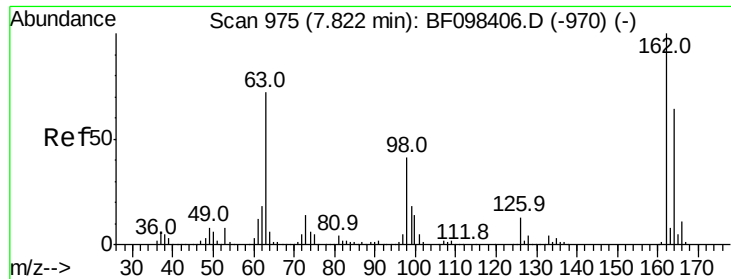
Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:	93	Resp:	710811
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	10.3	9.0	13.4





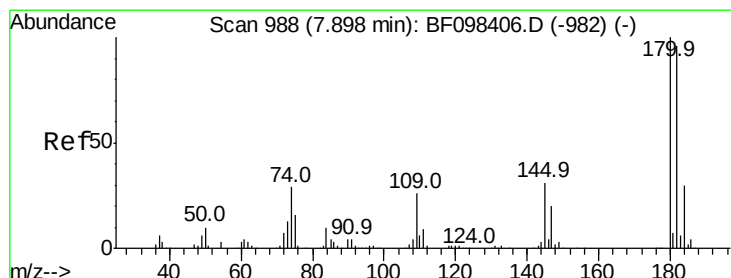
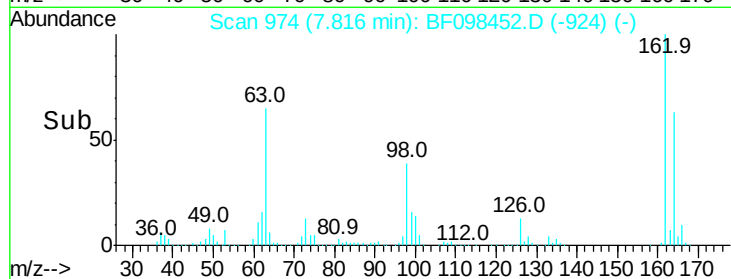
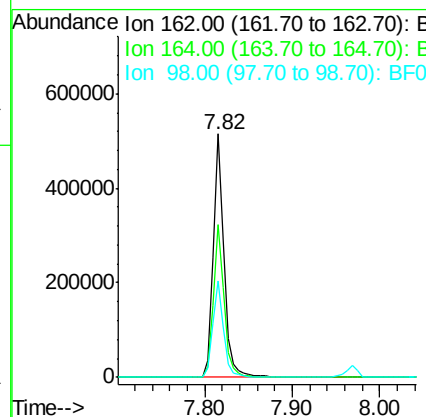
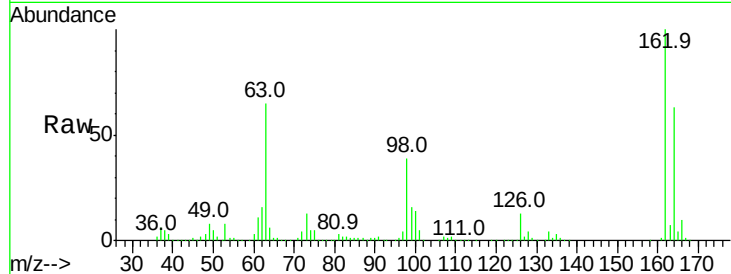
#29
2,4-Dichlorophenol
Concen: 36.959 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	441838		
164	62.6	44.6	84.6	
98	39.4	14.8	54.8	

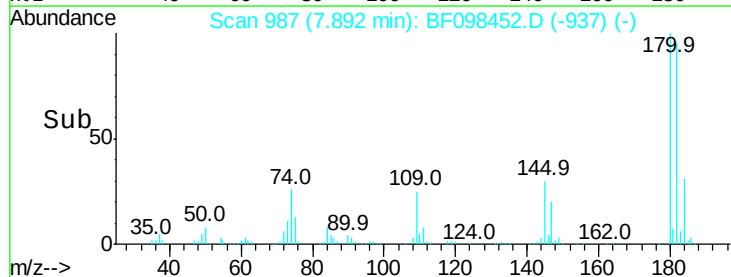
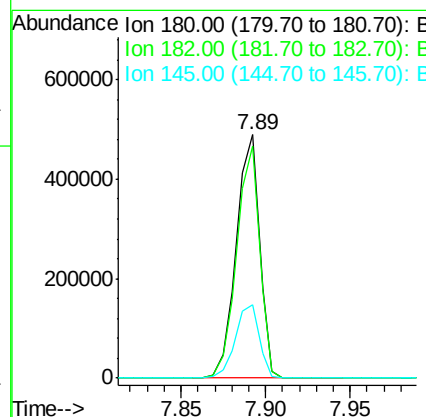
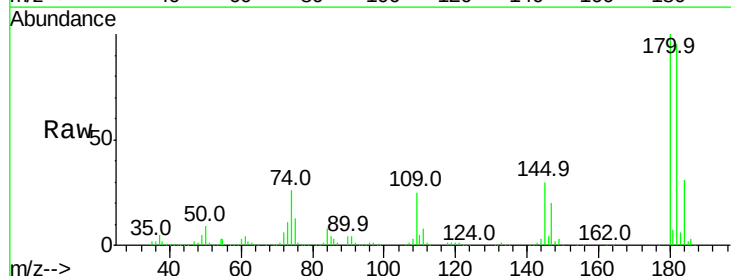
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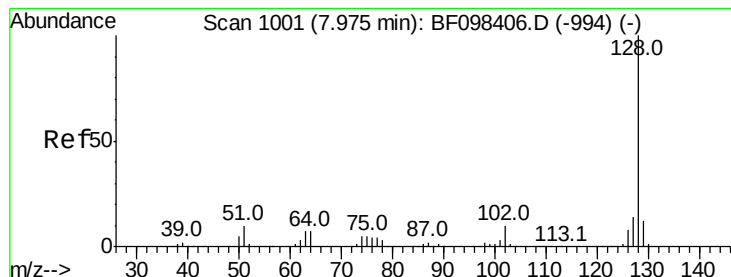
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#30
1,2,4-Trichlorobenzene
Concen: 36.017 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	468385		
182	95.1	75.8	113.6	
145	30.4	25.3	37.9	





#31

Naphthalene

Concen: 34.984 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:128 Resp: 1580802

Ion Ratio Lower Upper

128 100

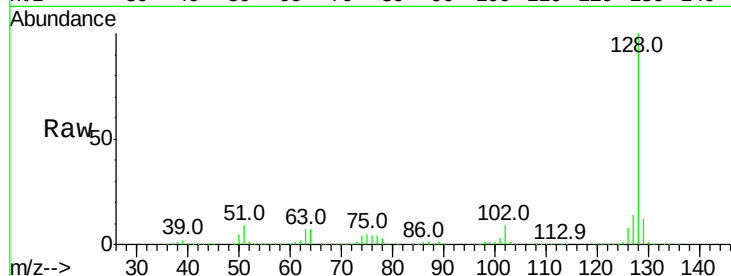
129 11.5 9.0 13.6

127 13.7 10.8 16.2

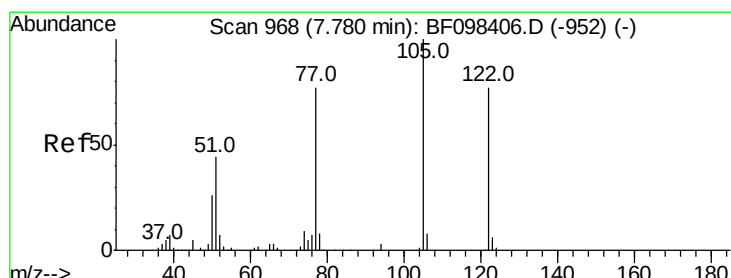
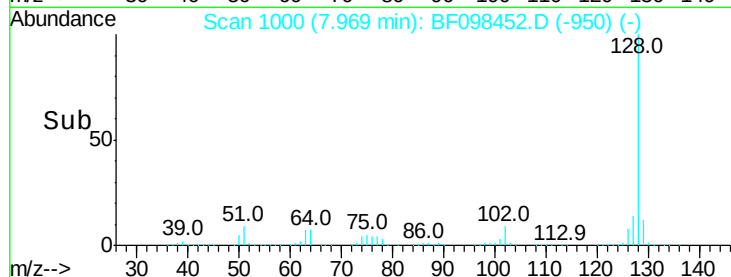
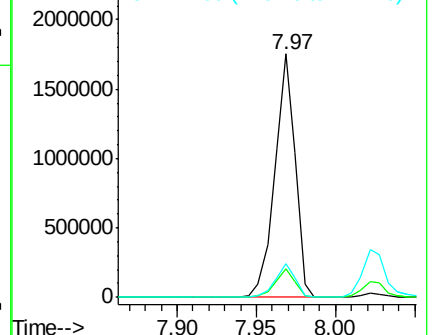
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.712 ng m

RT: 7.71 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

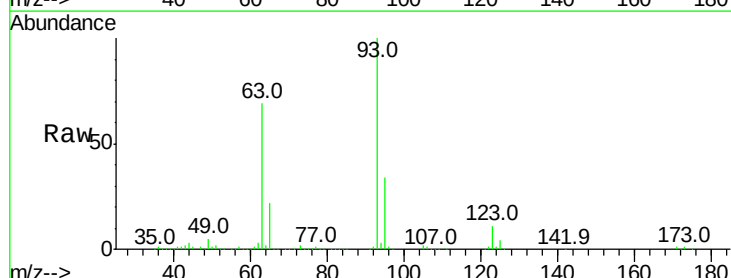
Tgt Ion:122 Resp: 8584

Ion Ratio Lower Upper

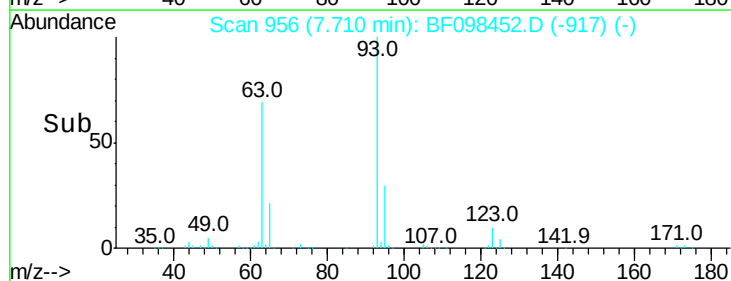
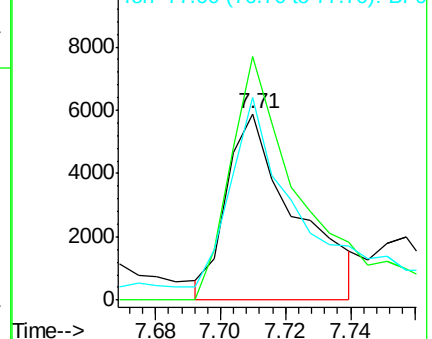
122 100

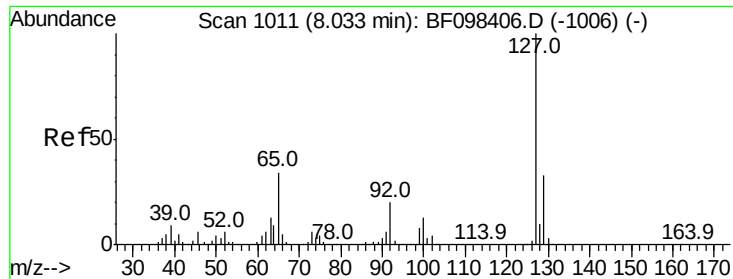
105 130.7 103.3 143.3

77 108.6 73.7 113.7



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): BF0





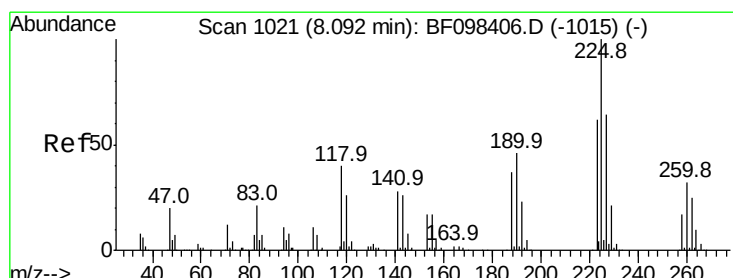
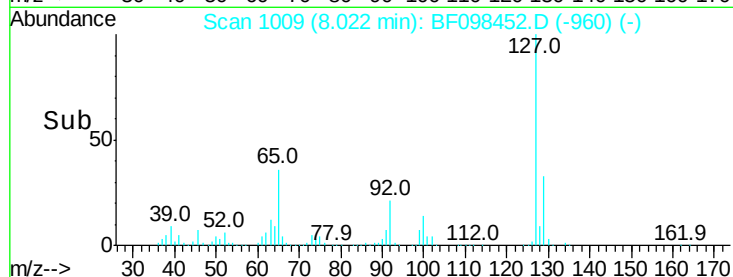
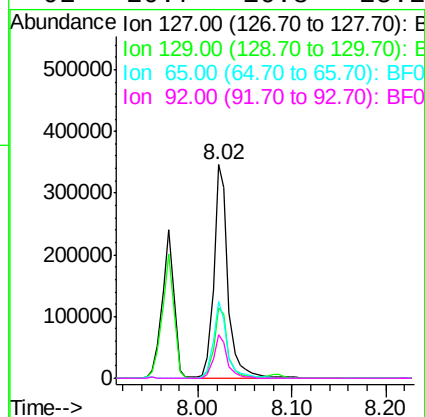
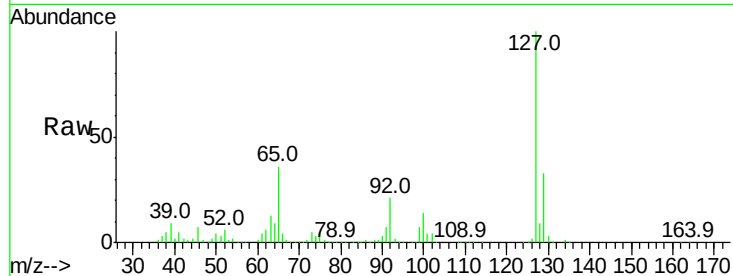
#33
4-Chloroaniline
Concen: 20.146 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	369977		
129	32.9	26.2	39.2	
65	36.0	27.8	41.8	
92	20.7	16.8	25.2	

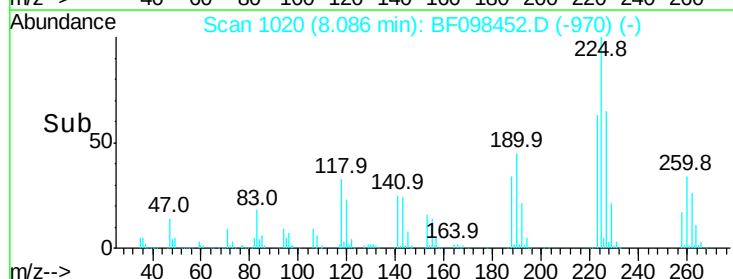
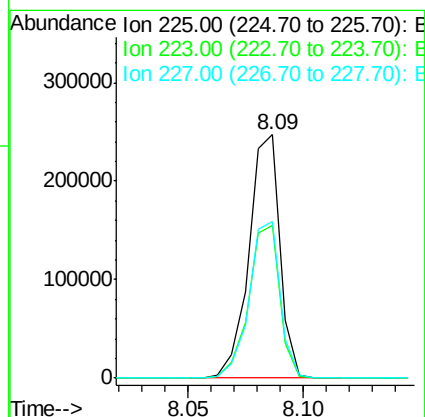
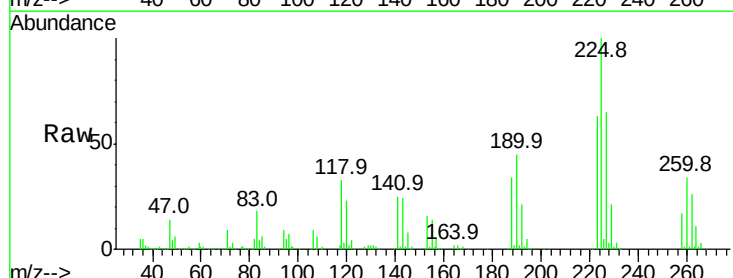
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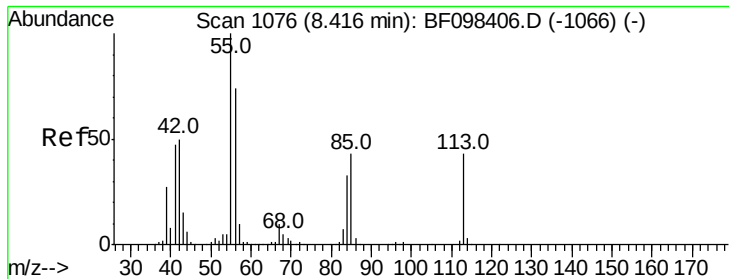
Sohil
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#34
Hexachlorobutadiene
Concen: 34.786 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	232236		
223	62.9	48.8	73.2	
227	64.6	51.1	76.7	





#35

Caprolactam

Concen: 33.410 ng/ml

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:113 Resp: 137732

Ion Ratio Lower Upper

113 100

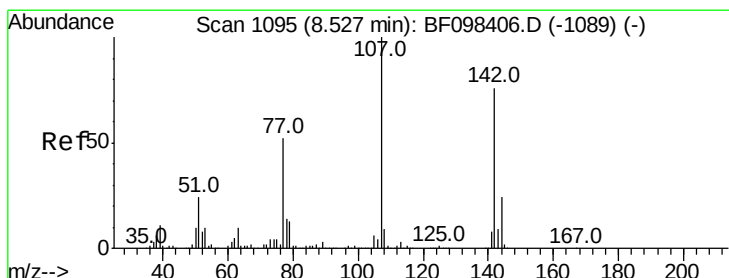
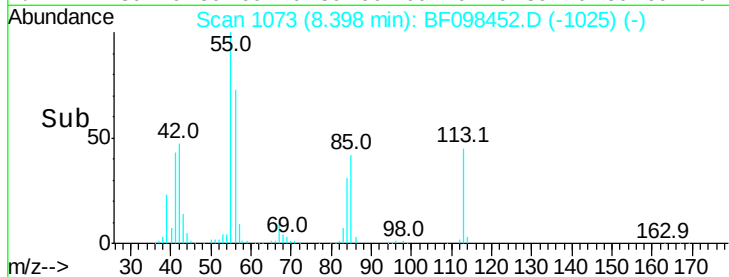
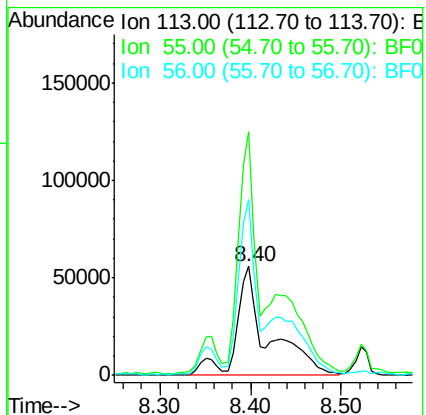
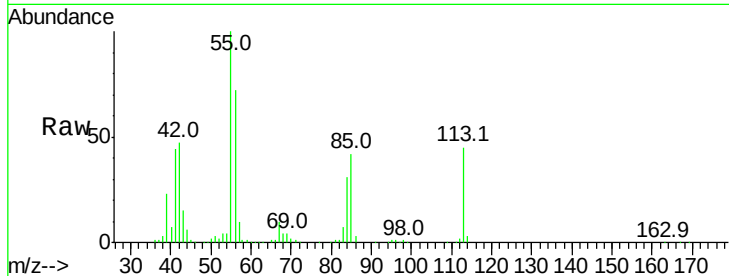
55 224.0 150.2 190.2#

56 161.8 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 34.123 ng/ml

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

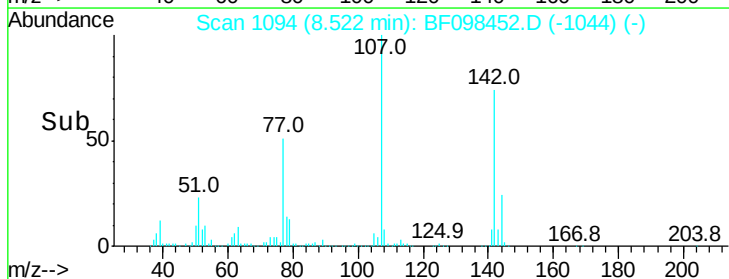
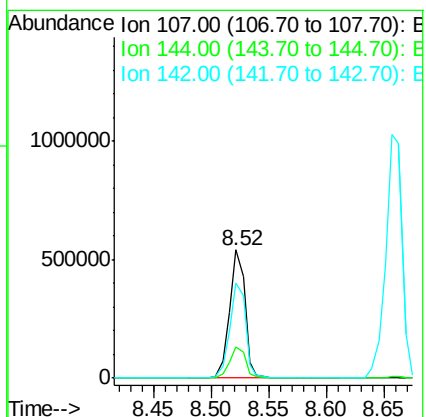
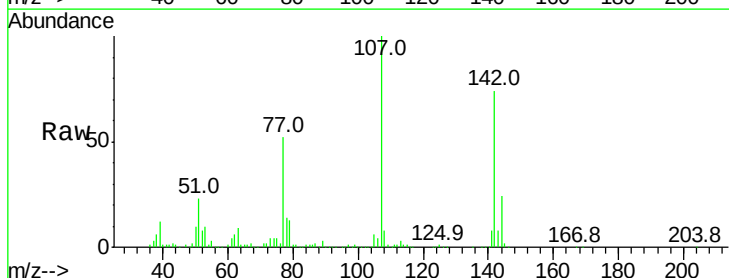
Tgt Ion:107 Resp: 505912

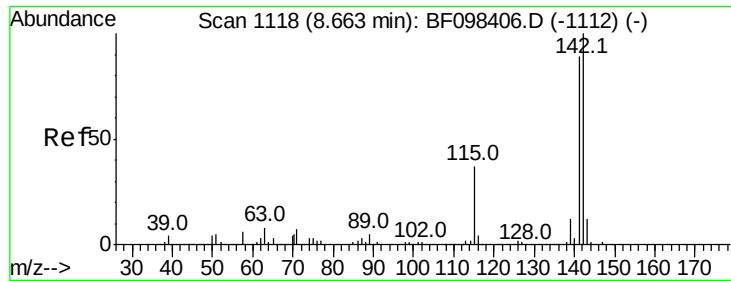
Ion Ratio Lower Upper

107 100

144 24.0 24.2 36.4#

142 74.2 73.4 110.0





#37

2-Methylnaphthalene

Concen: 37.538 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:142 Resp: 1027460

Ion Ratio Lower Upper

142 100

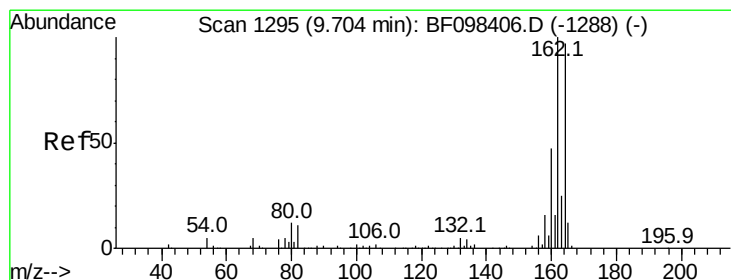
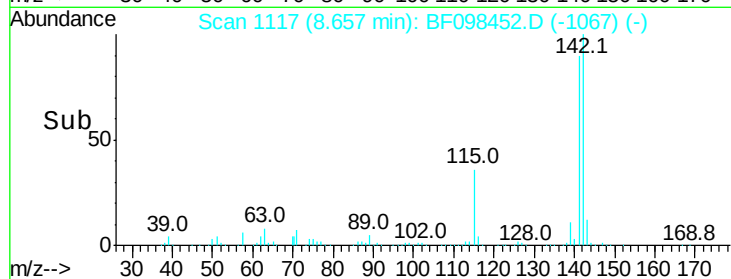
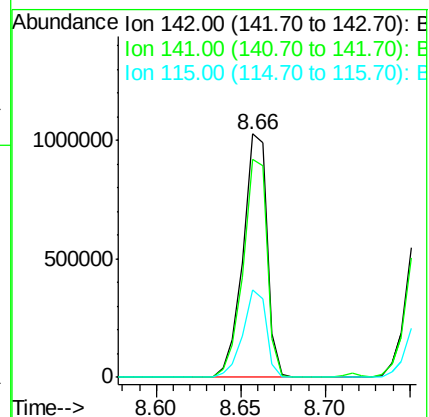
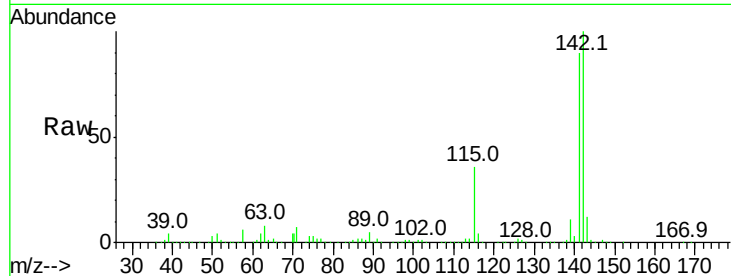
141 89.7 71.3 106.9

115 35.8 27.1 40.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

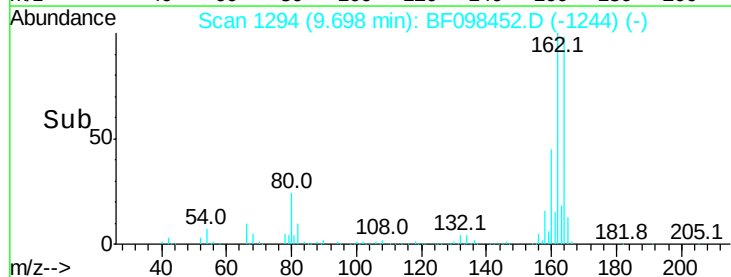
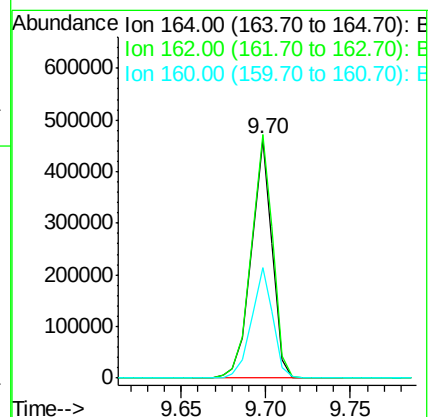
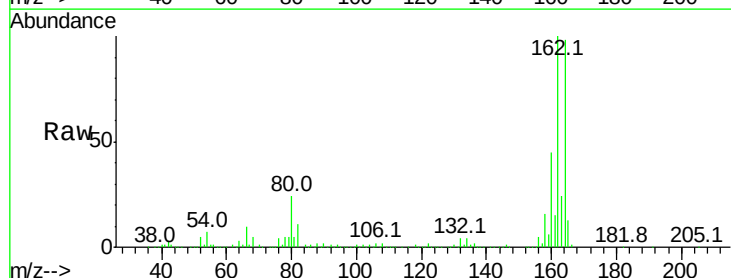
Tgt Ion:164 Resp: 399310

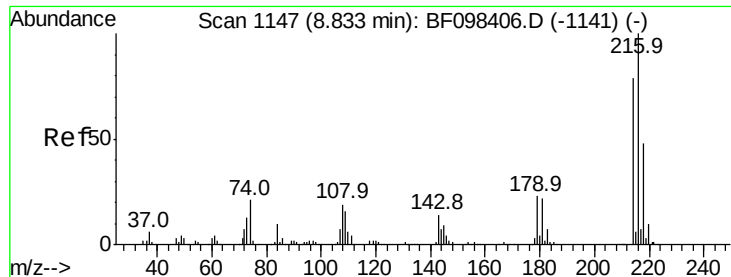
Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

160 46.3 36.2 54.2





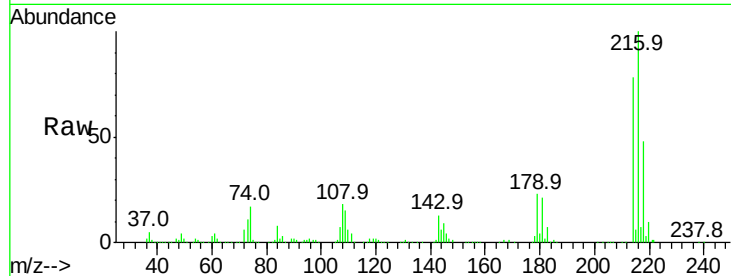
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.737 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

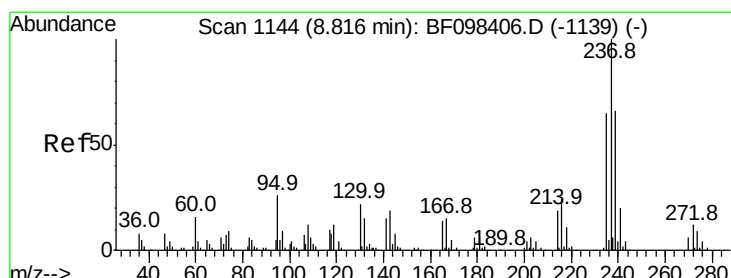
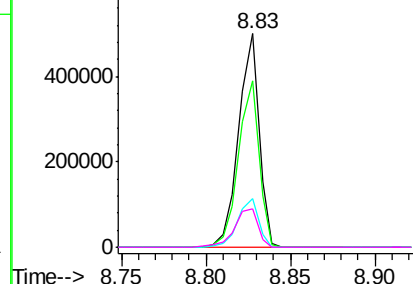
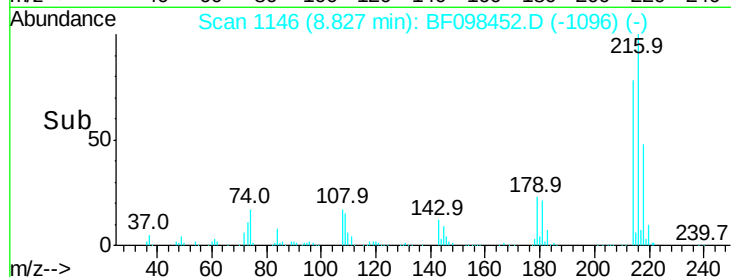
Tot Ion	Ratio	Resp	Lower	Upper
216	100	419628		
214	78.8	63.4	95.2	
179	23.2	17.9	26.9	
108	21.2	16.5	24.7	

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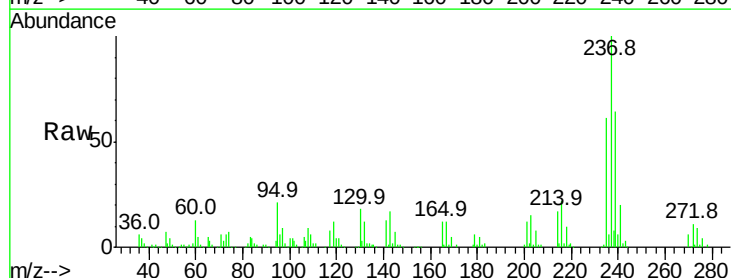


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

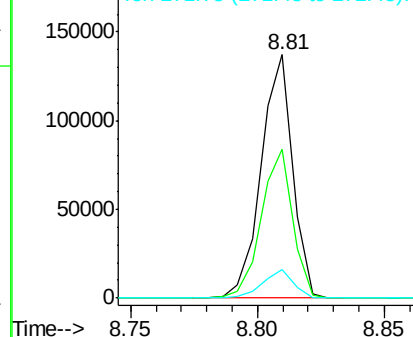
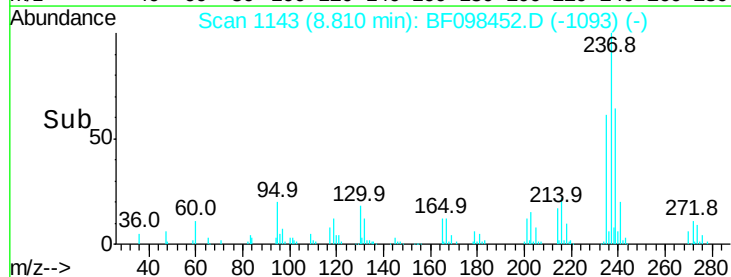


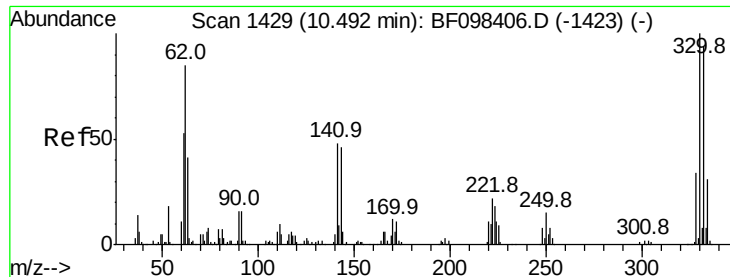
#40
 Hexachlorocyclopentadiene
 Concen: 38.291 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	118190		
235	61.4	42.6	82.6	
272	11.5	0.0	31.9	



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





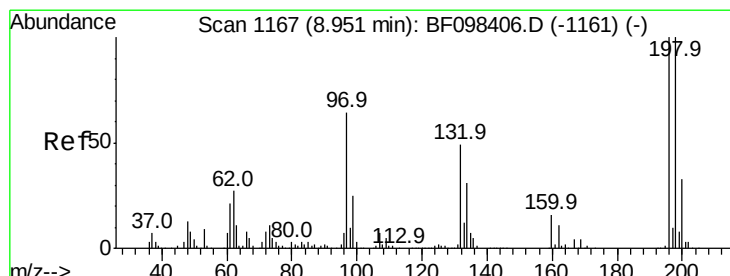
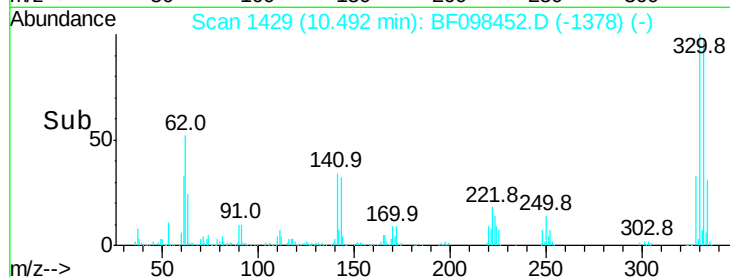
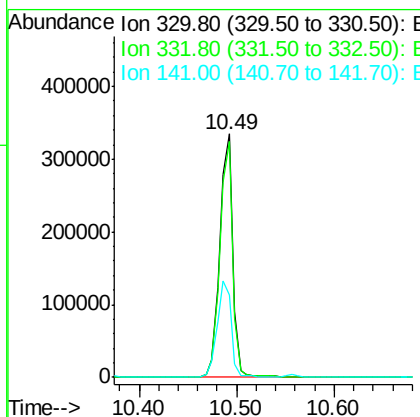
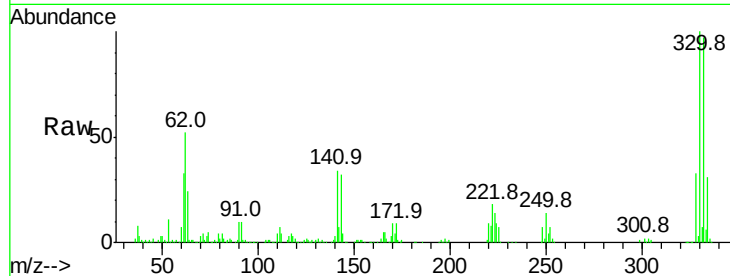
#41
 2,4,6-Tribromophenol
 Concen: 117.443 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	312993		
332	95.8	76.6	115.0	
141	42.5	31.4	47.2	

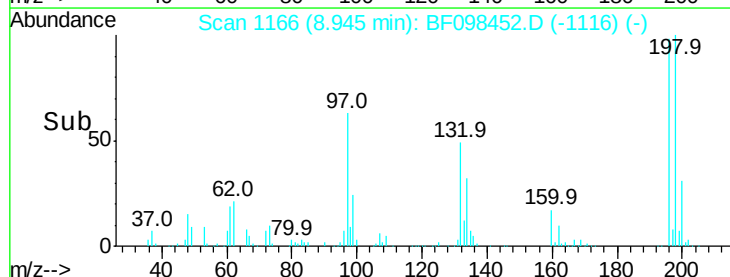
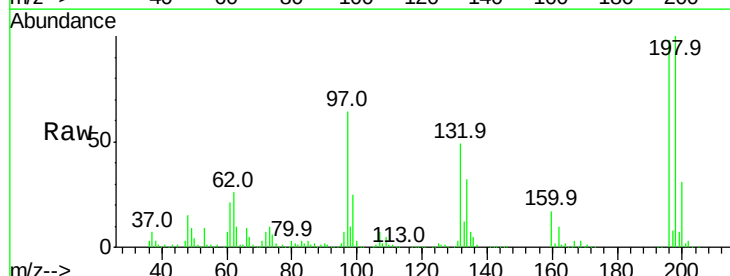
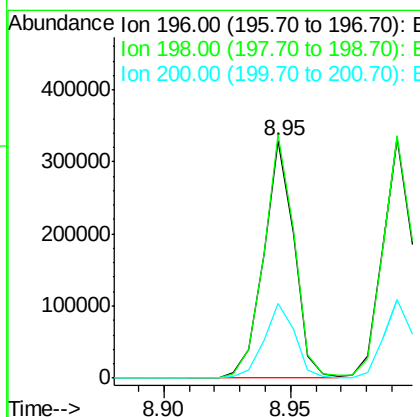
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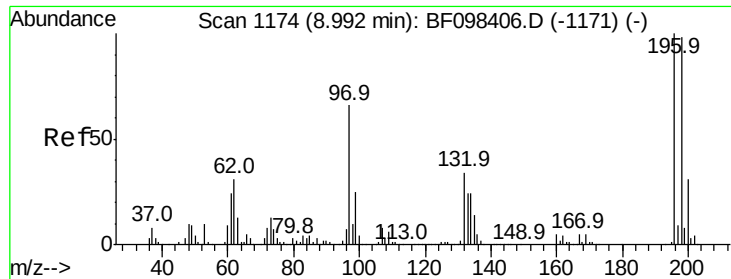
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 38.111 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278439		
198	102.4	74.2	111.4	
200	31.4	24.0	36.0	





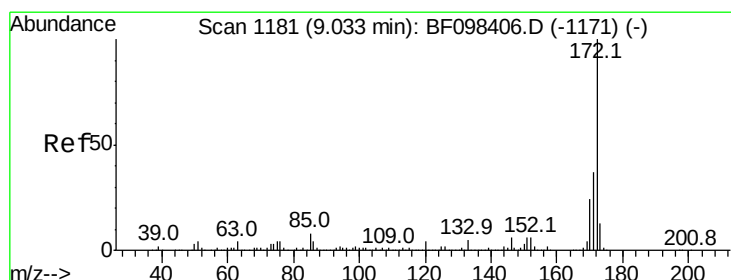
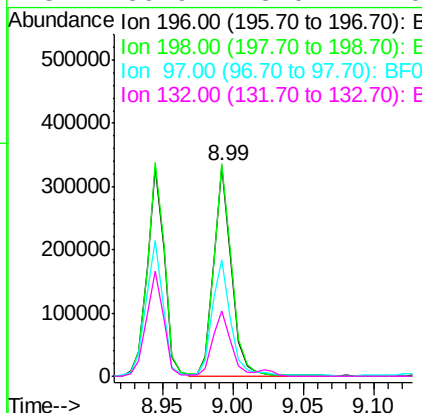
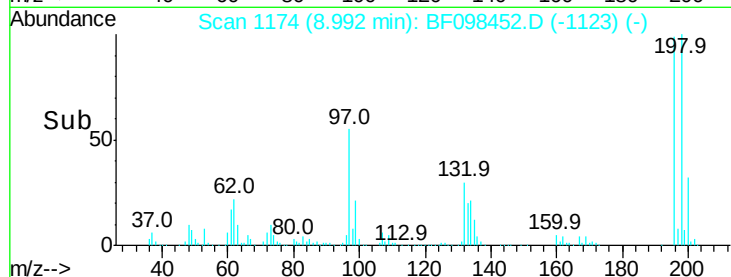
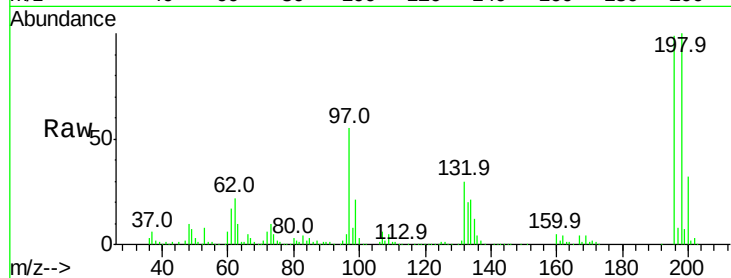
#43
 2,4,5-Trichlorophenol
 Concen: 37.909 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion:	196	Resp:	289490
Ion Ratio	Lower	Upper	
196	100		
198	101.4	75.7	113.5
97	55.5	47.7	71.5
132	30.9	28.0	42.0

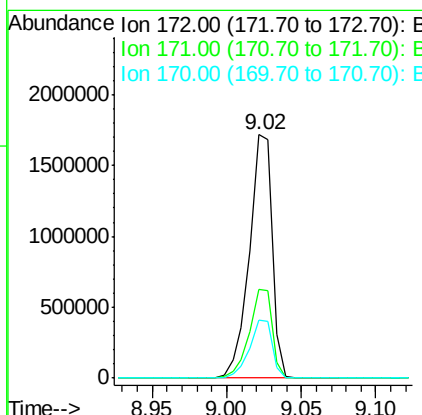
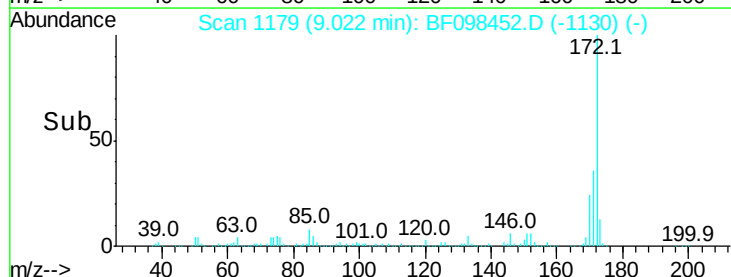
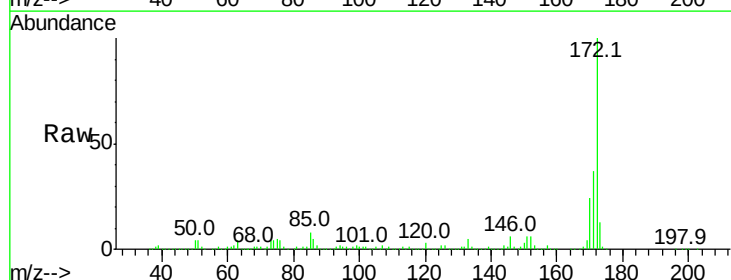
Manual Integrations
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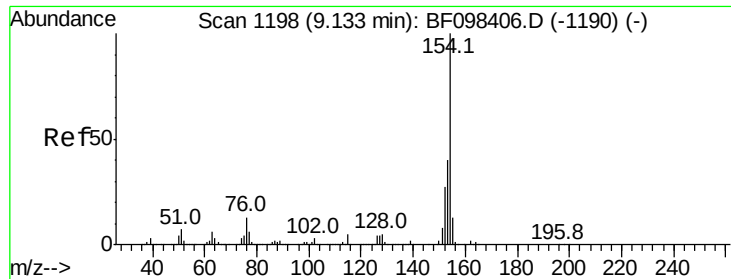
Sohil
 9/13/2017 5:00:01 PM



#44
 2-Fluorobiphenyl
 Concen: 76.911 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:	172	Resp:	1811964
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 33.965 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:154 Resp: 1213936

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

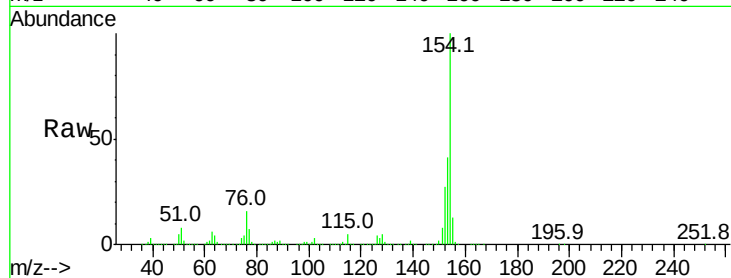
76 15.5 0.0 29.9

Manual Integrations

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Sohil

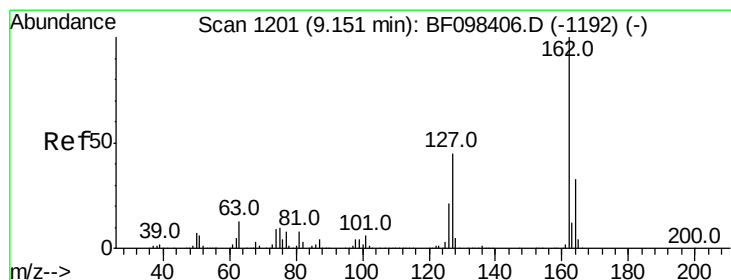
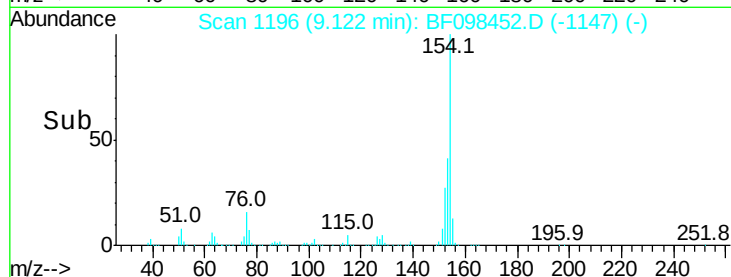
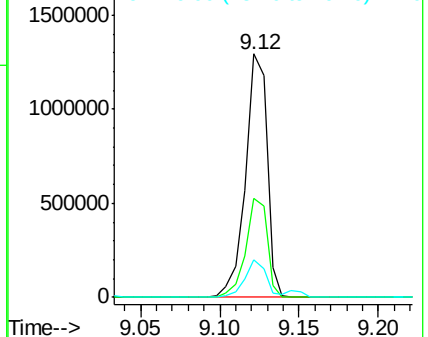
9/13/2017 5:00:01 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.845 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

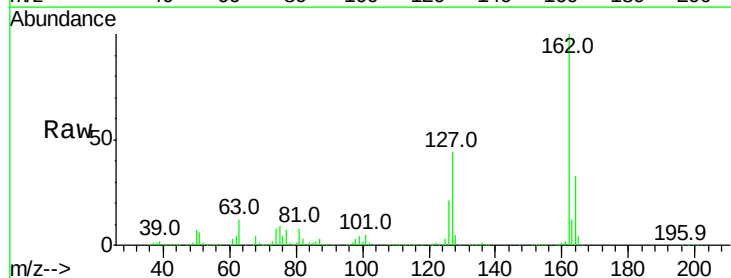
Tgt Ion:162 Resp: 914941

Ion Ratio Lower Upper

162 100

127 43.8 28.3 42.5#

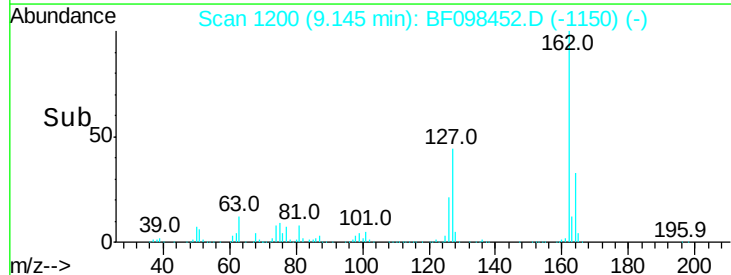
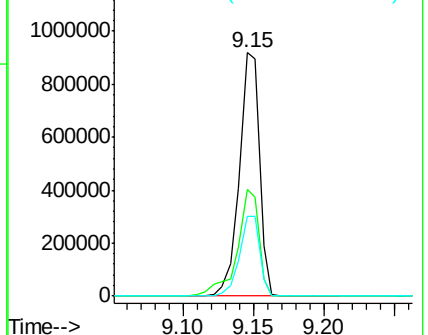
164 32.7 27.0 40.4

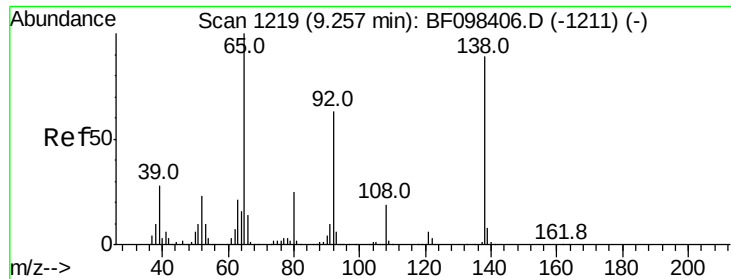


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





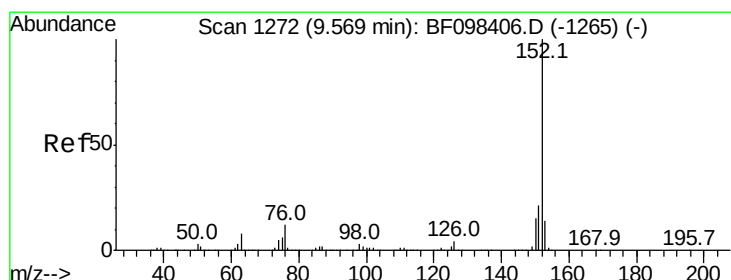
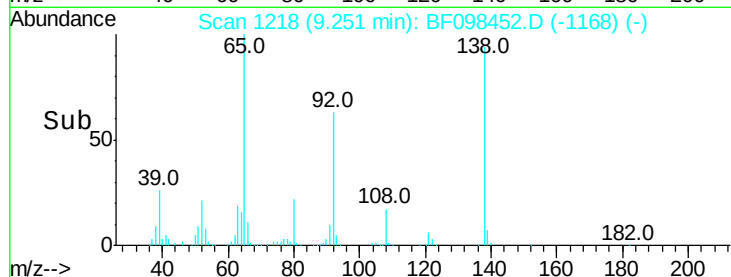
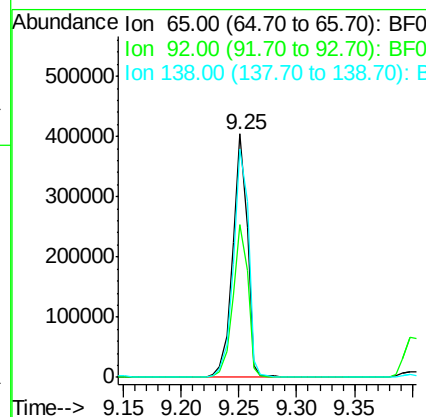
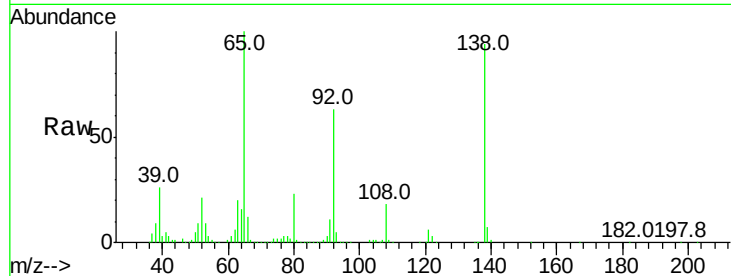
#47
2-Nitroaniline
Concen: 36.183 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	53.9	80.9
138	93.7	78.8	118.2

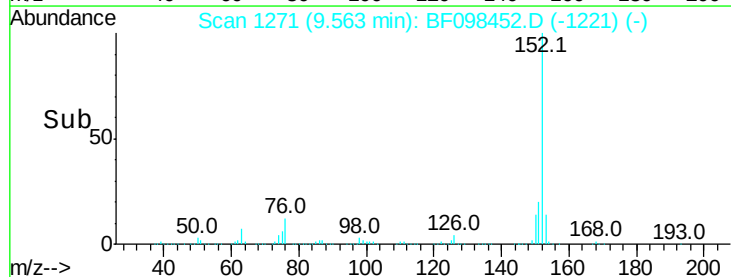
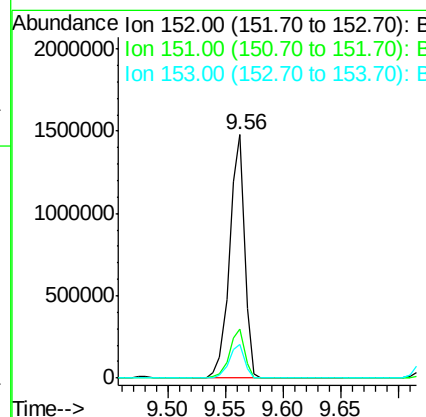
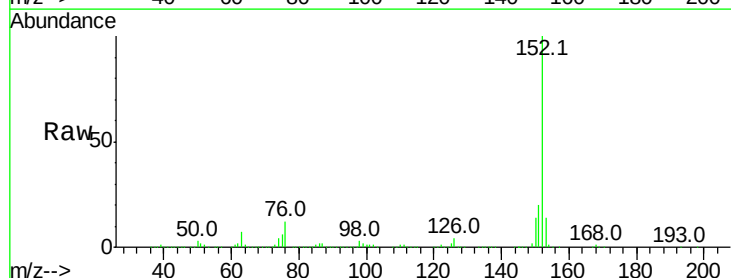
Manual Integrations
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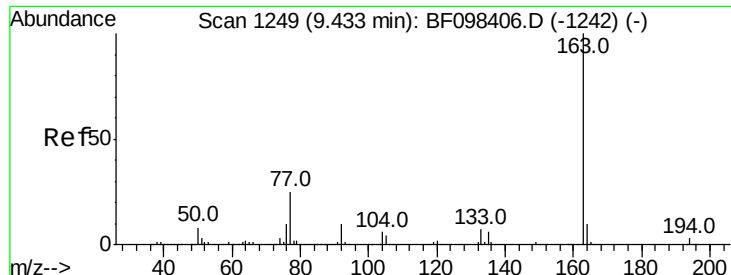
Sohil
9/13/2017 5:00:01 PM



#48
Acenaphthylene
Concen: 35.080 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.0	10.8	16.2





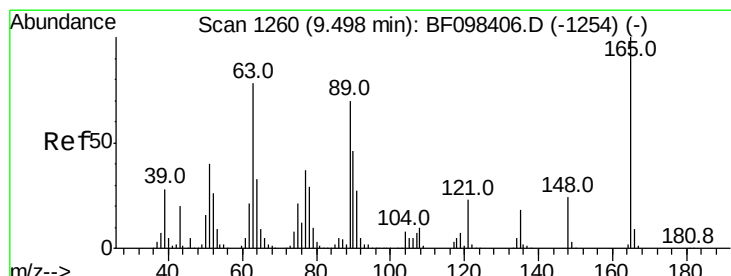
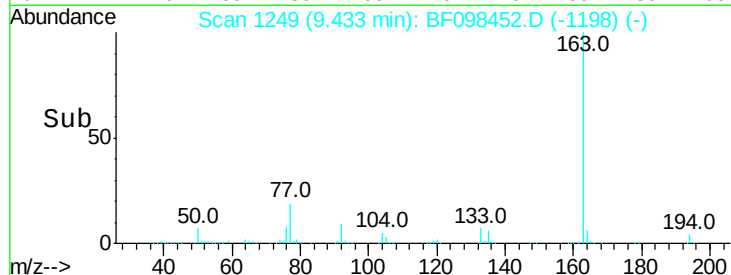
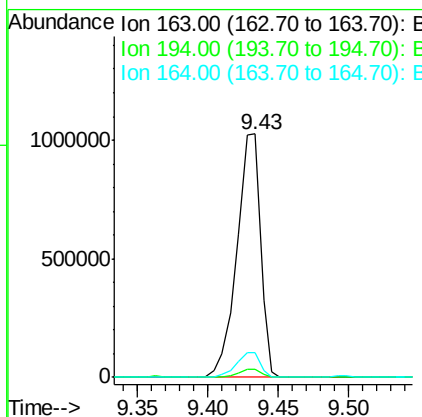
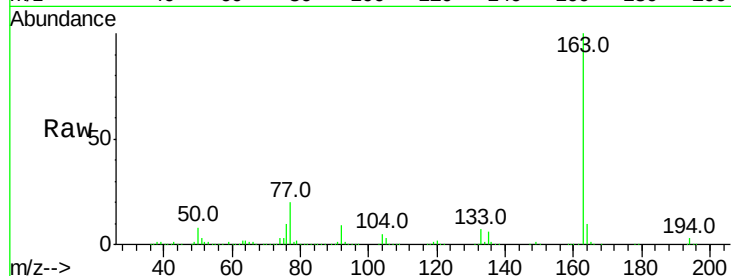
#49
Dimethylphthalate
Concen: 39.022 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

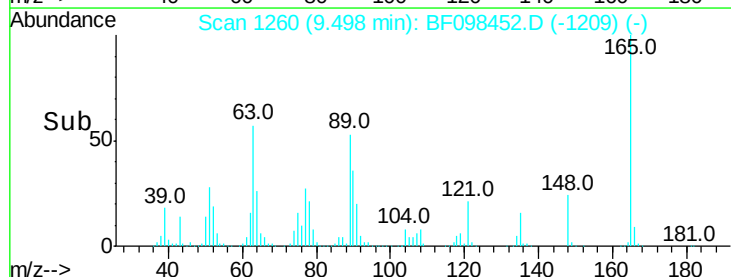
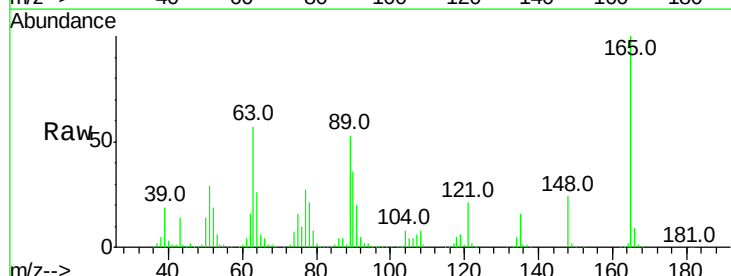
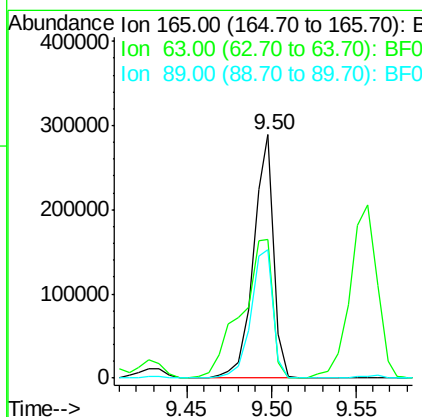
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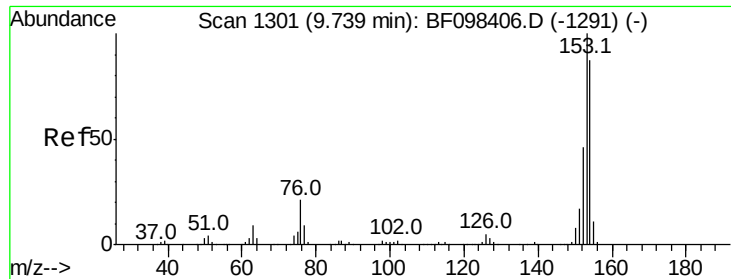
Sohil
9/13/2017 5:00:01 PM



#50
2,6-Dinitrotoluene
Concen: 37.824 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.8	34.3	51.5#
89	52.8	37.1	55.7





#51

Acenaphthene

Concen: 34.895 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

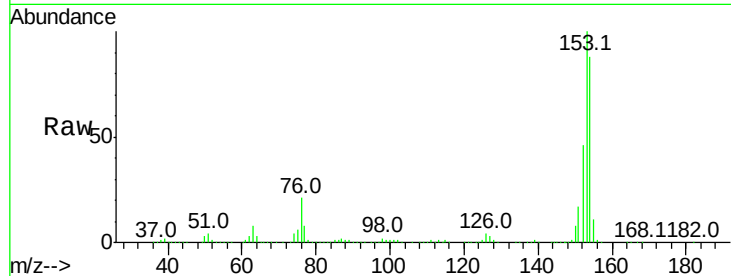
ClientSampleId :

FK-GF-02-011-AMSD

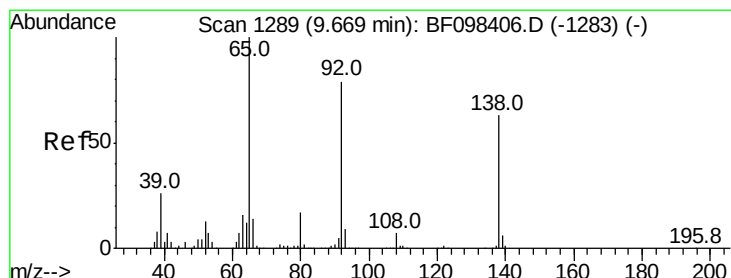
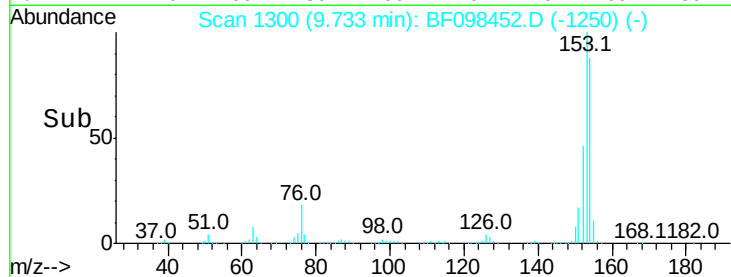
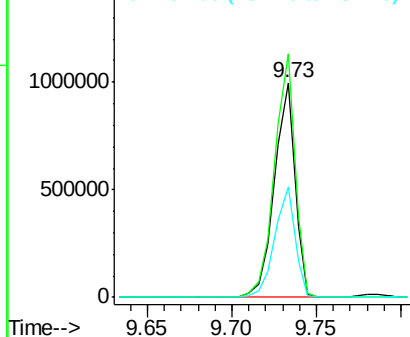
Tot Ion:	154	Resp:	841834
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	51.7	43.6	65.4

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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: 26.453 ng

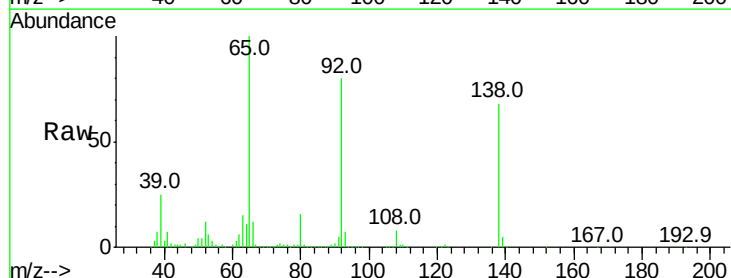
RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

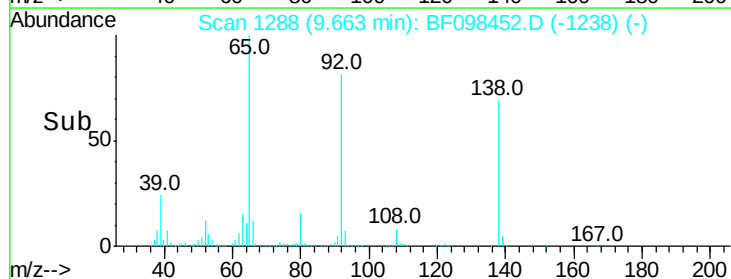
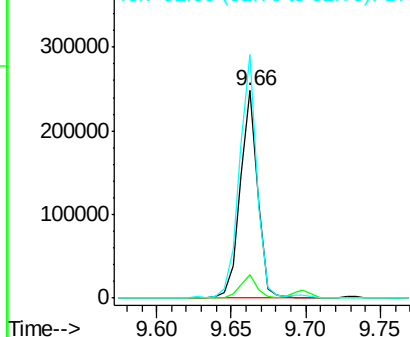
Lab File: BF098452.D

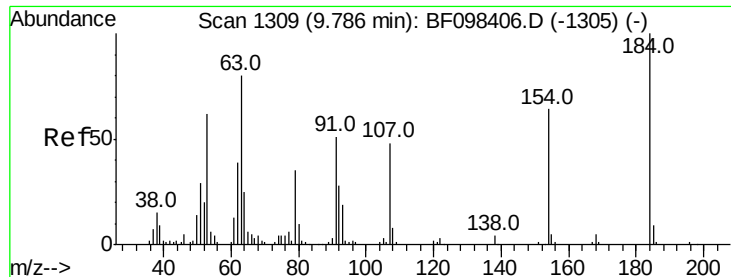
Acq: 12 Sep 2017 16:07

Tgt Ion:	138	Resp:	202743
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.1	13.7
92	117.5	93.8	140.6



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): BF0





#53

2,4-Dinitrophenol

Concen: 16.974 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

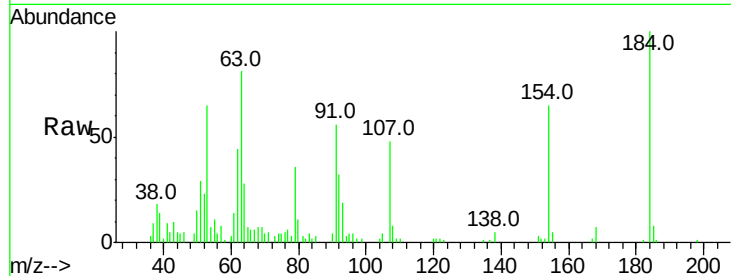
ClientSampleId :

FK-GF-02-011-AMSD

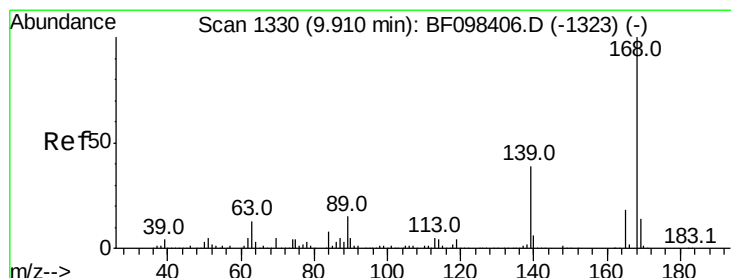
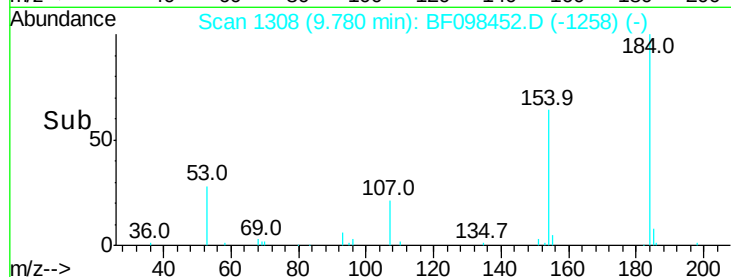
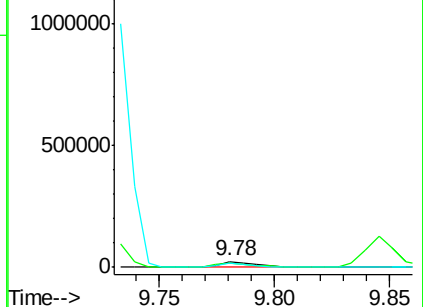
Tot Ion:	184	Resp:	28384
Ion Ratio	Lower	Upper	
184	100		
63	80.6	62.7	94.1
154	65.3	81.1	121.7#

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.058 ng

RT: 9.90 min Scan# 1329

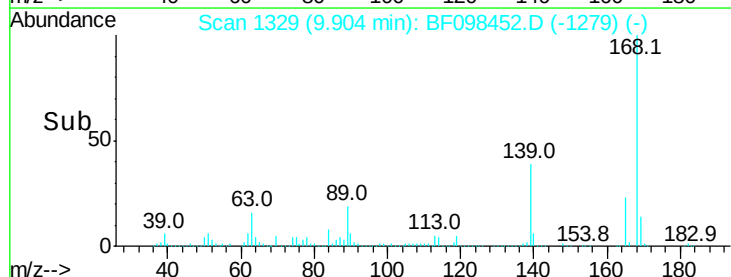
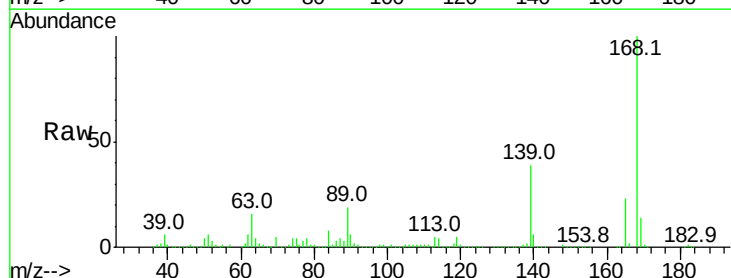
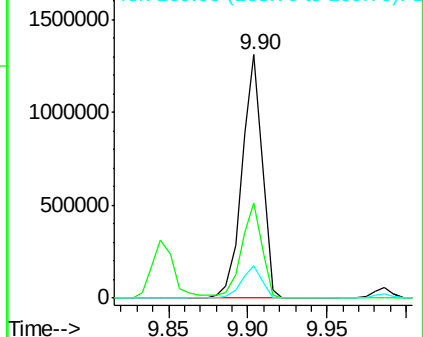
Delta R.T. -0.01 min

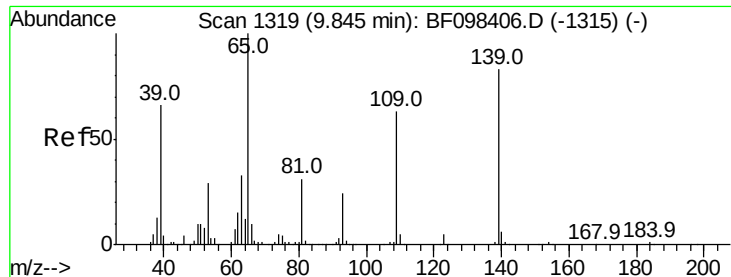
Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:	168	Resp:	1146003
Ion Ratio	Lower	Upper	
168	100		
139	39.1	30.6	45.8
169	13.5	10.8	16.2

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.548 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:139 Resp: 301846

Ion Ratio Lower Upper

139 100

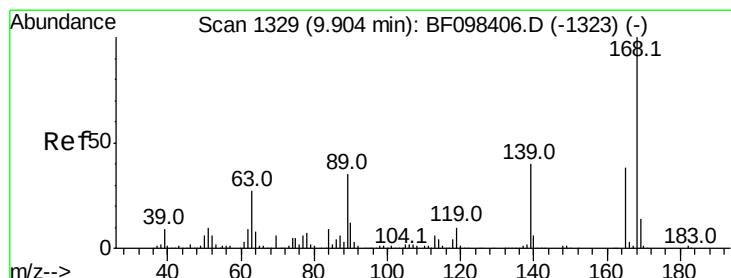
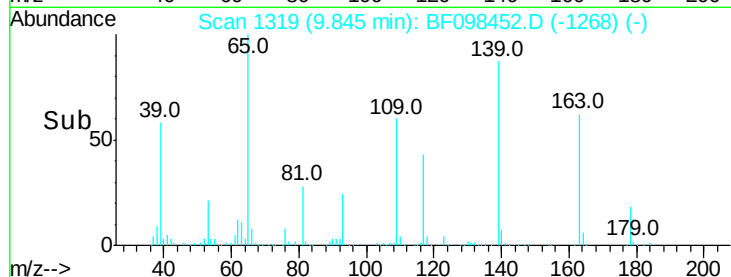
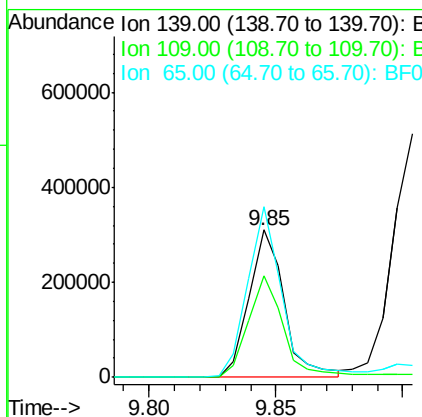
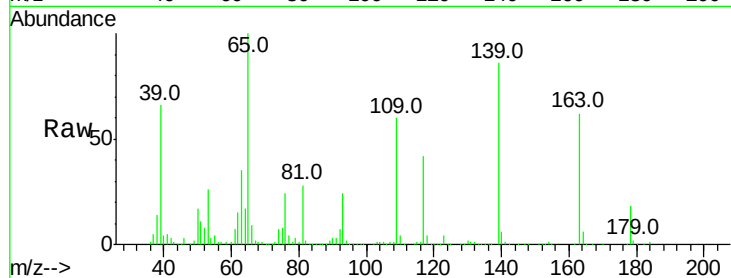
109 69.4 34.1 74.1

65 116.1 31.4 71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 36.408 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:165 Resp: 281034

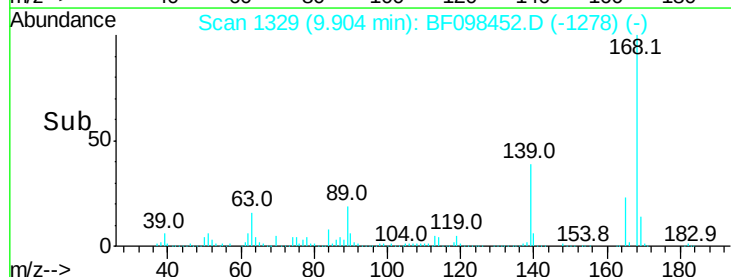
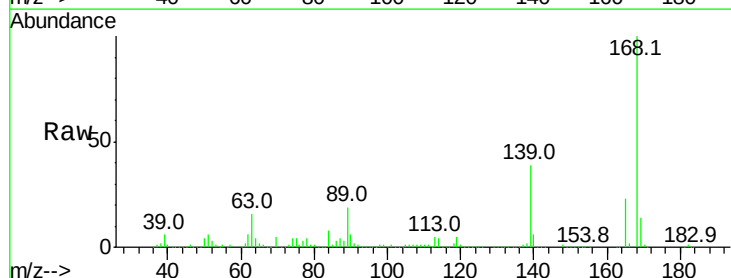
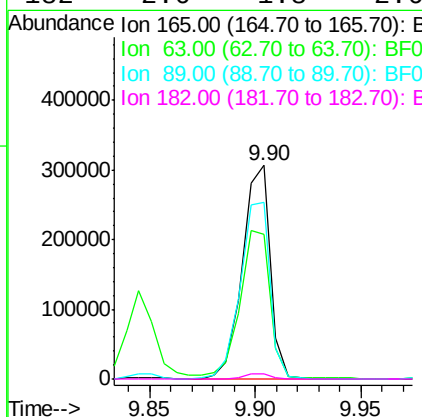
Ion Ratio Lower Upper

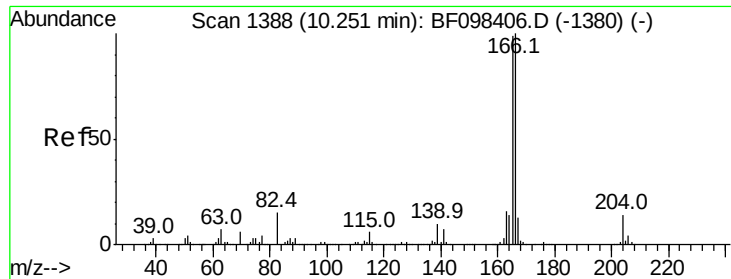
165 100

63 67.6 25.4 38.0#

89 82.6 46.4 69.6#

182 2.6 1.8 2.6





#57

Fluorene

Concen: 34.171 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

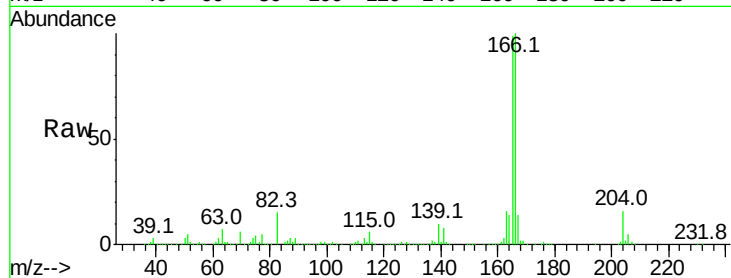
ClientSampleId :

FK-GF-02-011-AMSD

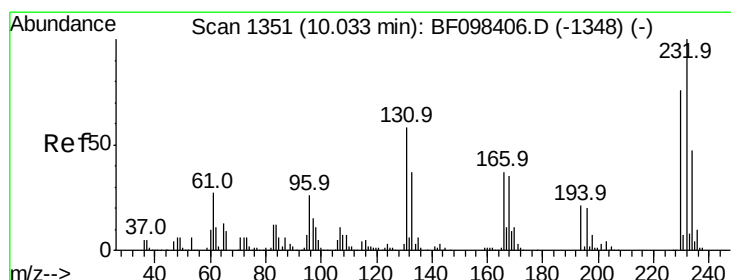
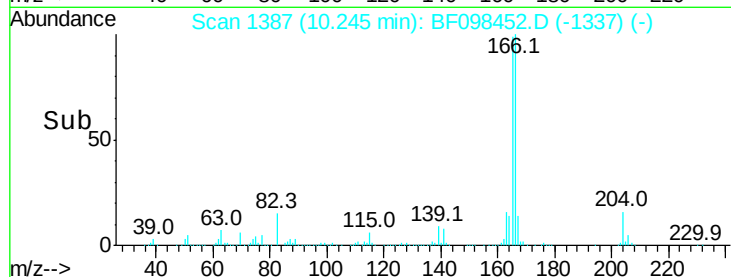
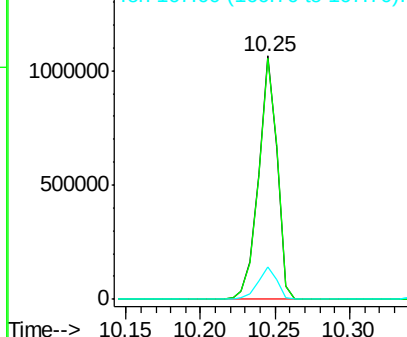
Tot Ion:	166	Resp:	898900
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.8	118.2
167	13.6	10.6	16.0

Manual Integrations
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9/13/2017 5:00:01 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.082 ng

RT: 10.03 min Scan# 1350

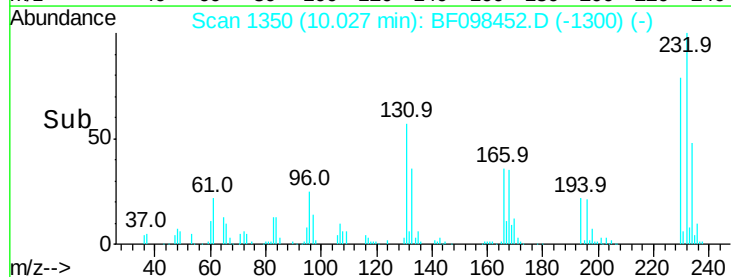
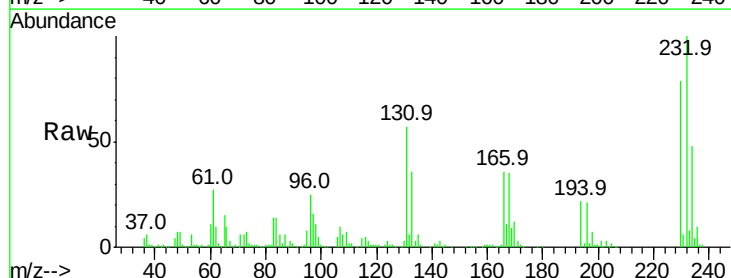
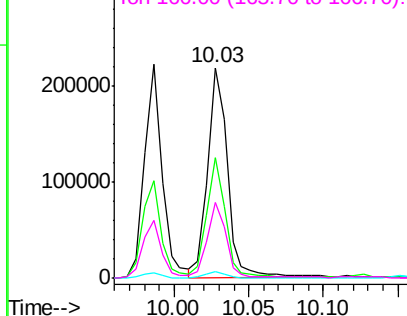
Delta R.T. -0.01 min

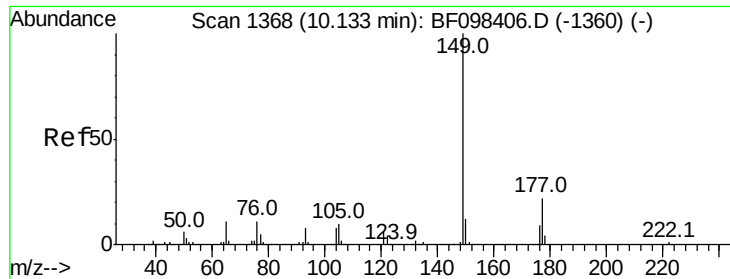
Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:	232	Resp:	200568
Ion Ratio	Lower	Upper	
232	100		
131	55.4	44.8	67.2
130	2.7	2.3	3.5
166	34.7	29.0	43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





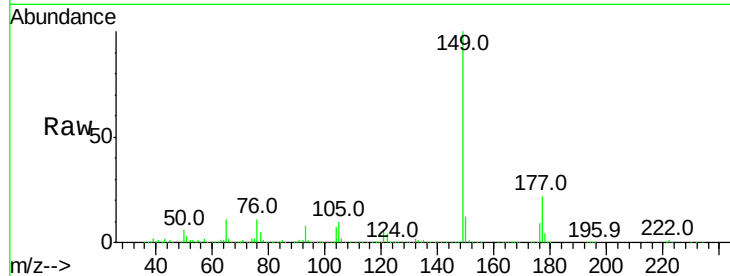
#59
Diethylphthalate
Concen: 35.082 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.5	10.2	15.2

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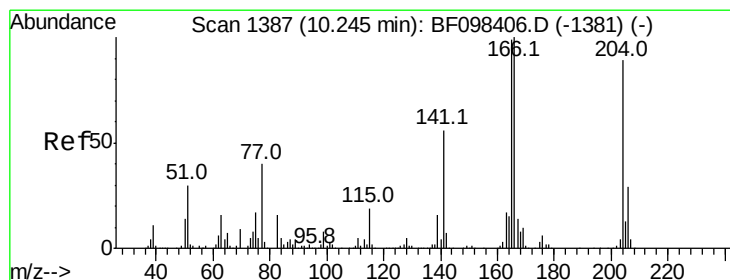
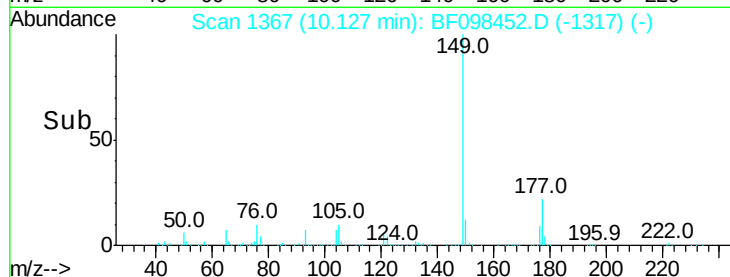
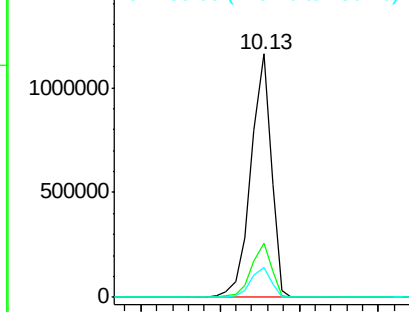


Abundance

Ion 149.00 (148.70 to 149.70): E

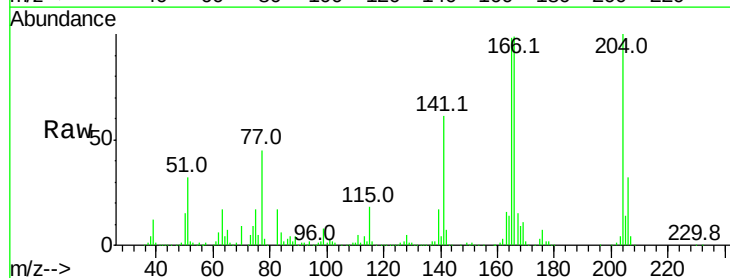
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 35.564 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	60.6	60.8	91.2#

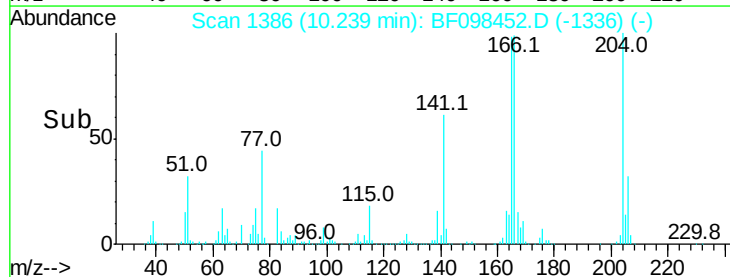
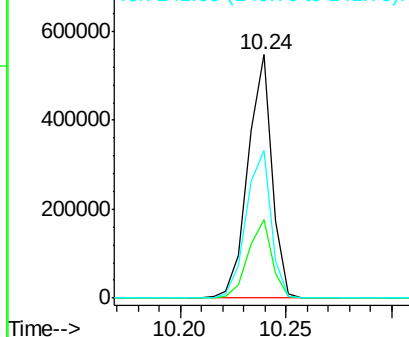


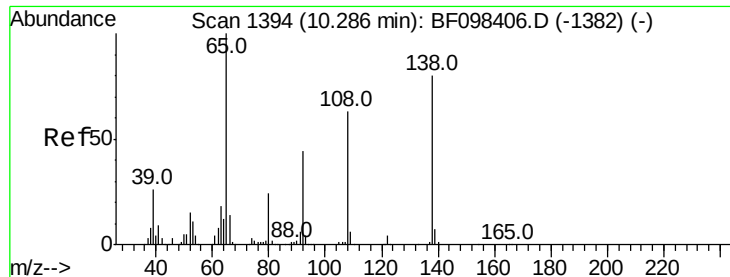
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.404 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:138 Resp: 243076

Ion Ratio Lower Upper

138 100

92 49.4 21.8 61.8

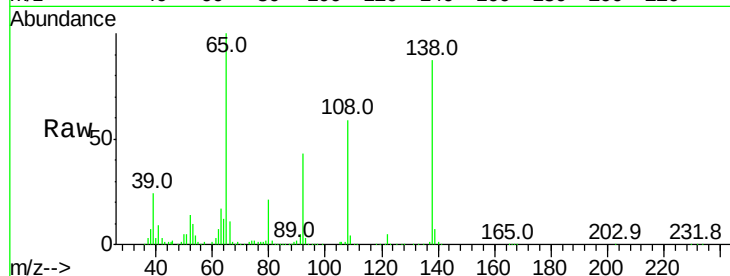
108 67.4 42.3 82.3

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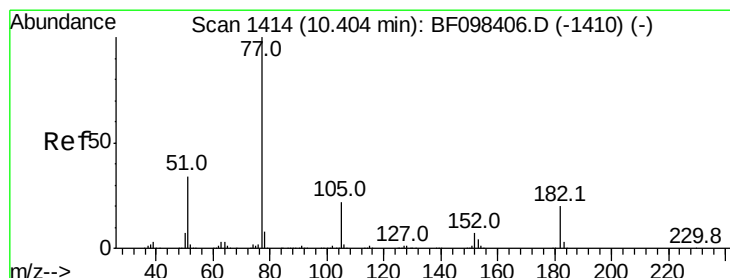
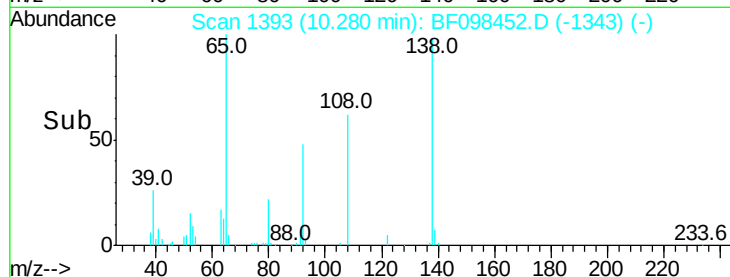
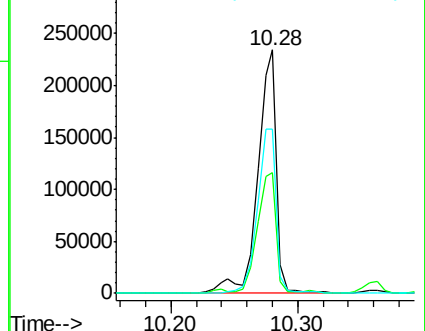
9/13/2017 5:00:01 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.185 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion: 77 Resp: 1083073

Ion Ratio Lower Upper

77 100

182 21.0 0.1 40.1

105 22.5 3.6 43.6

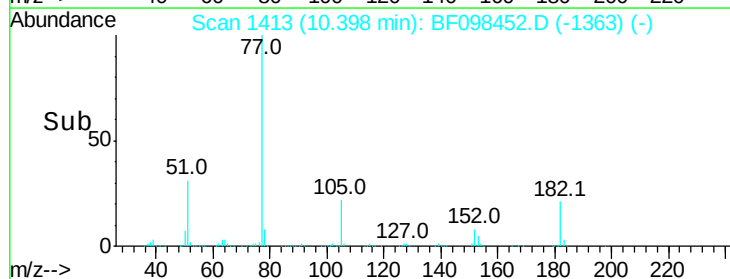
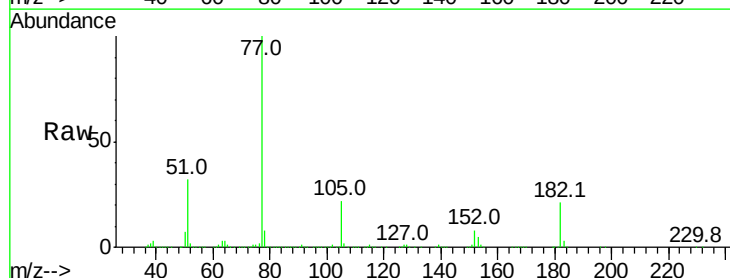
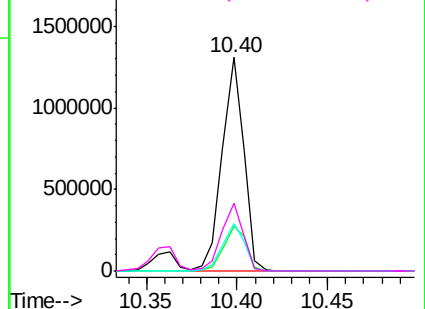
51 31.5 9.4 49.4

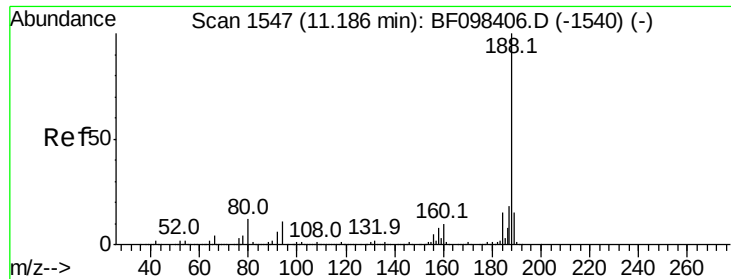
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





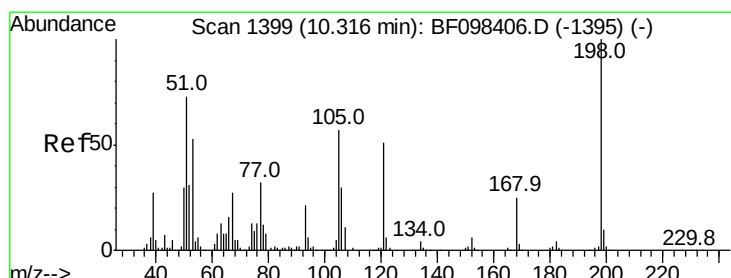
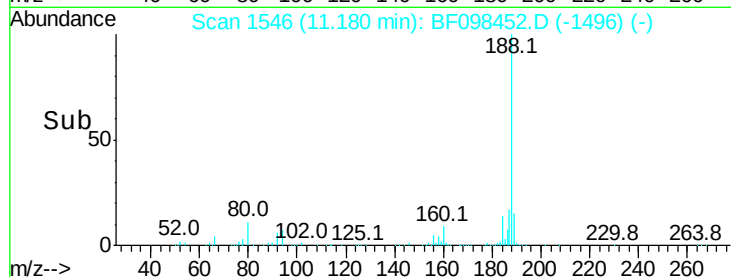
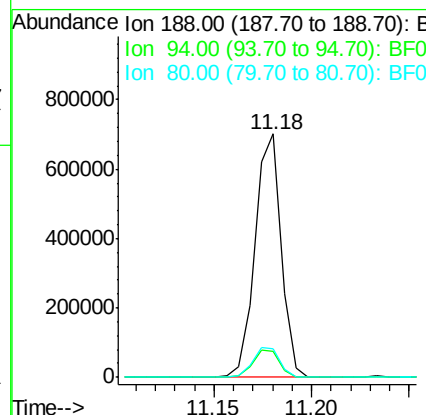
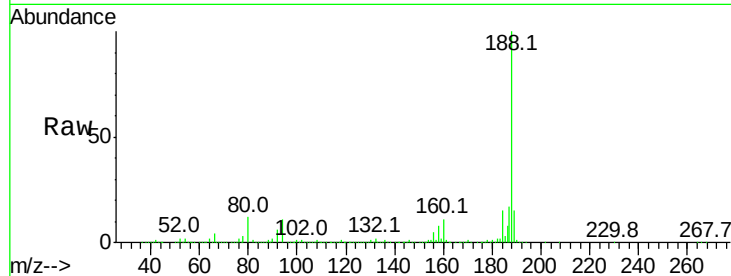
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	649078		
94	10.8		9.4	14.2
80	11.7		10.2	15.2

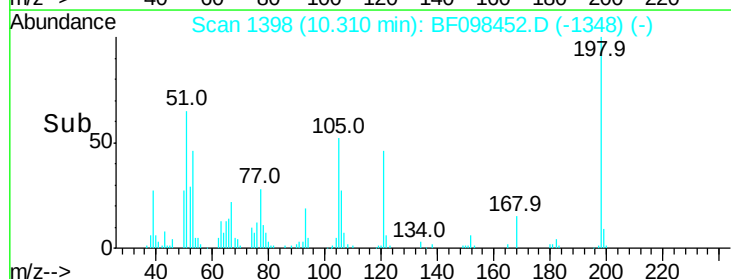
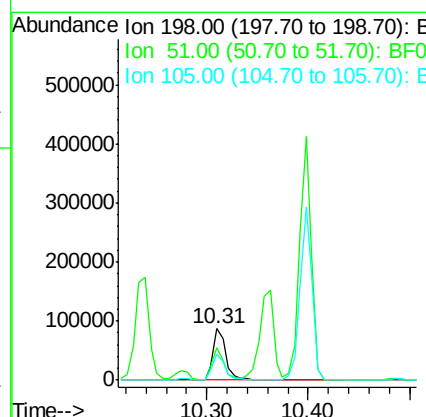
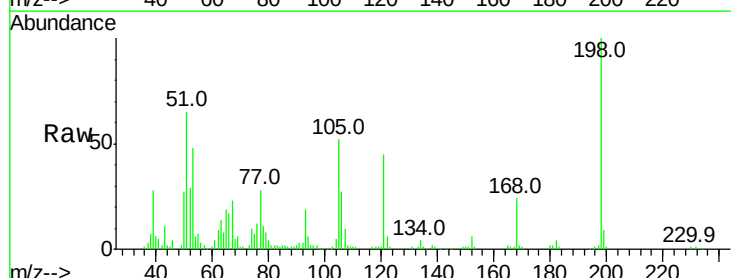
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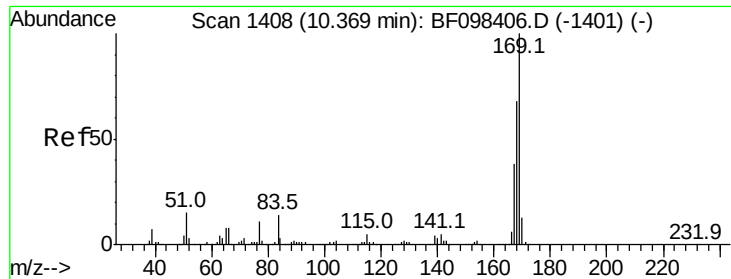
Sohil
9/13/2017 5:00:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 22.617 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	78384		
51	64.5		53.2	93.2
105	51.7		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 39.392 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

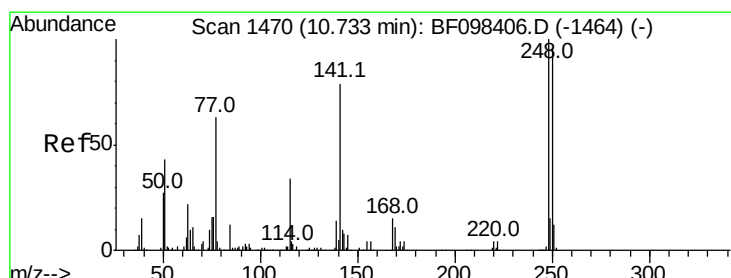
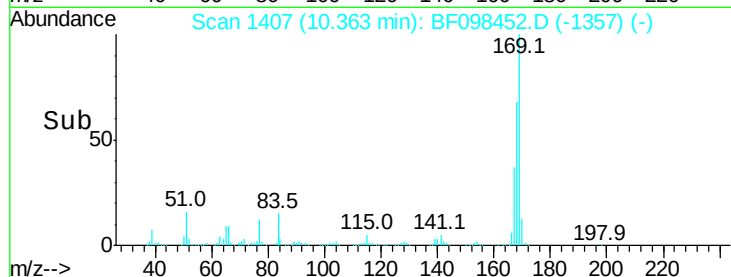
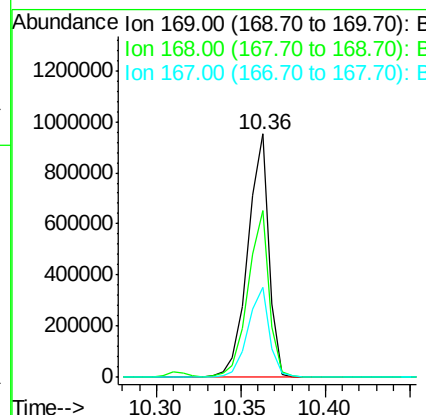
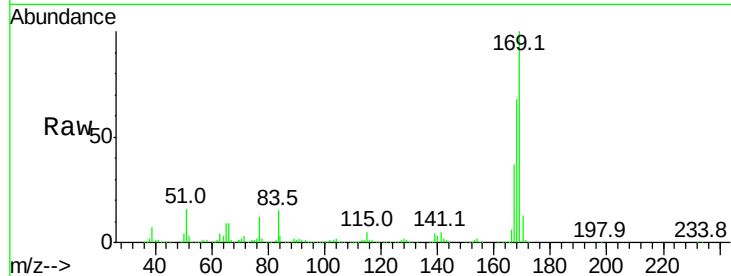
ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:	169	Resp:	830212
Ion Ratio	Lower	Upper	
169	100		
168	68.5	53.2	79.8
167	36.9	29.5	44.3

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9/13/2017 5:00:01 PM



#66

4-Bromophenyl-phenylether

Concen: 40.805 ng

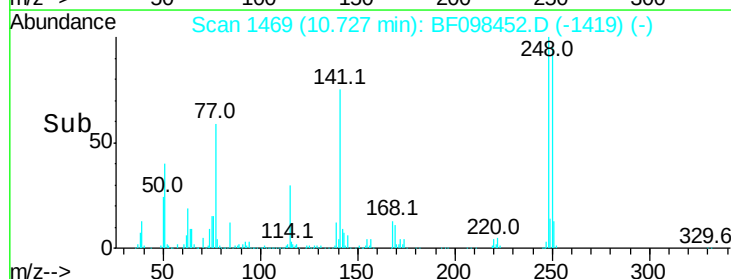
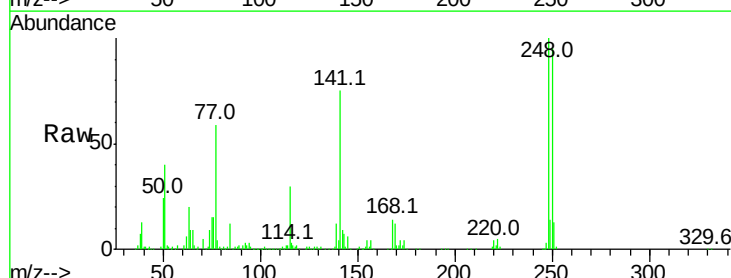
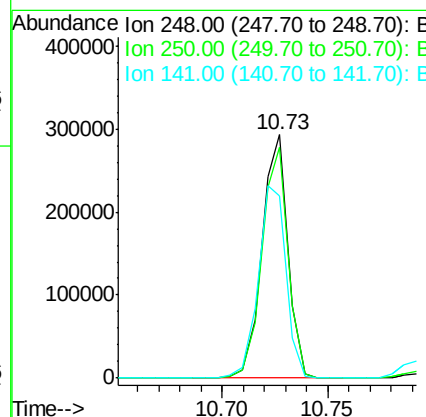
RT: 10.73 min Scan# 1469

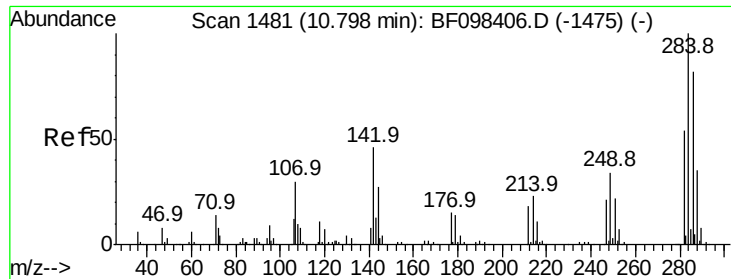
Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:	248	Resp:	251370
Ion Ratio	Lower	Upper	
248	100		
250	94.8	76.8	115.2
141	75.0	68.6	103.0





#67

Hexachlorobenzene

Concen: 37.105 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

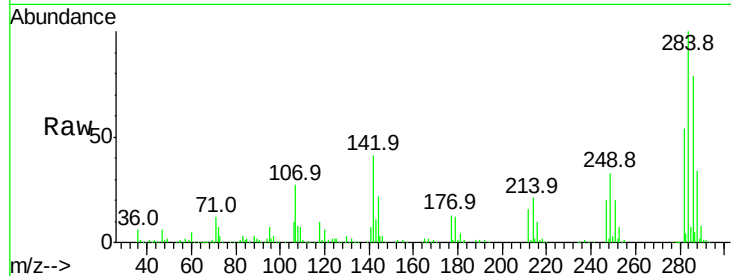
FK-GF-02-011-AMSD

Tot Ion:	284	Resp:	231858
Ion Ratio		Lower	Upper
284	100		
142	41.2	22.8	34.2#
249	32.9	24.0	36.0

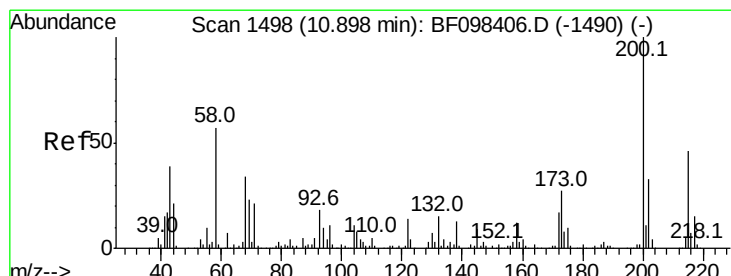
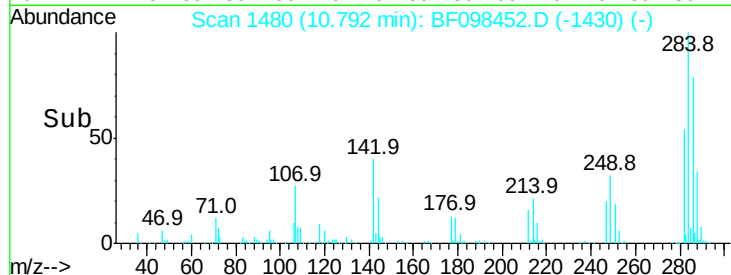
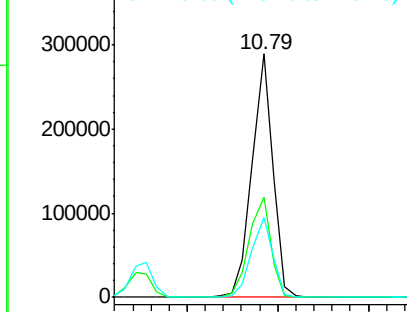
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.453 ng

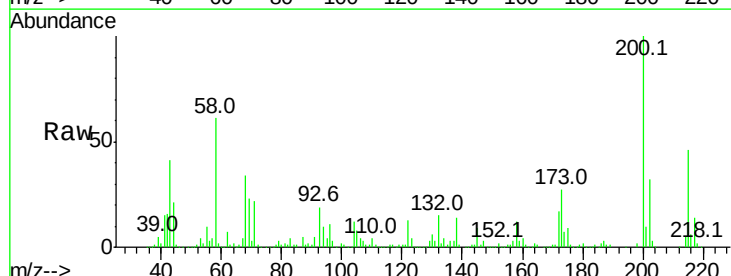
RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

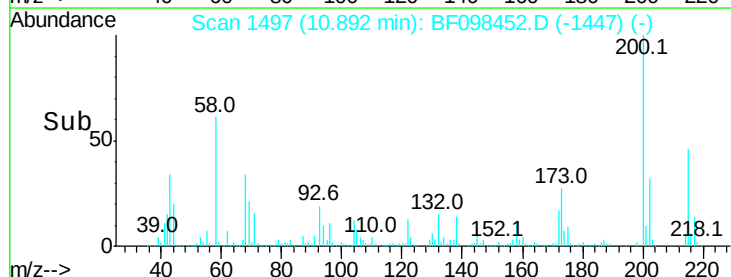
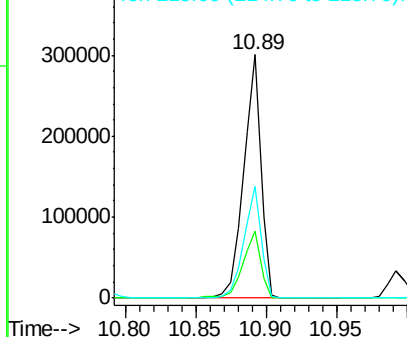
Lab File: BF098452.D

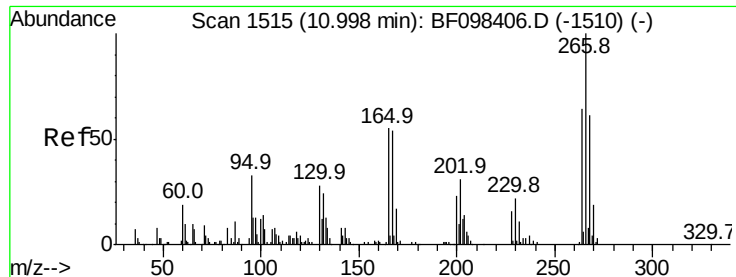
Acq: 12 Sep 2017 16:07

Tgt Ion:	200	Resp:	255987
Ion Ratio		Lower	Upper
200	100		
173	27.4	6.3	46.3
215	46.0	27.2	67.2



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





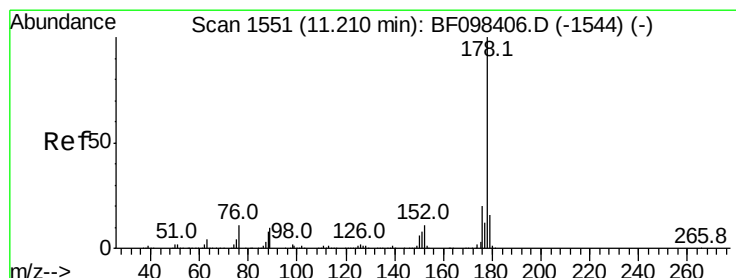
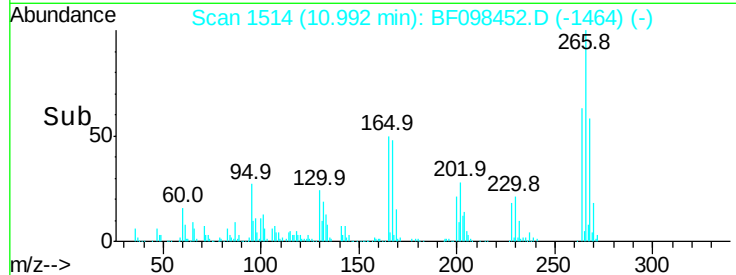
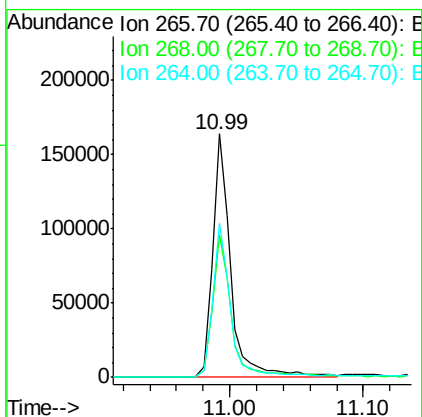
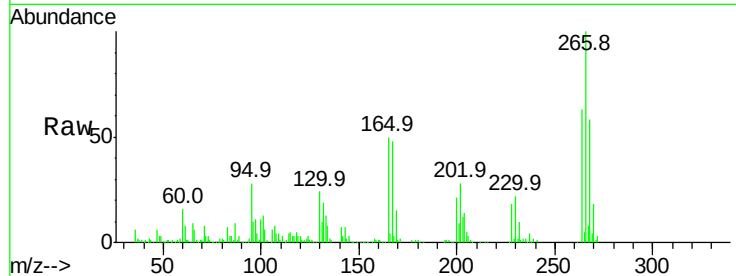
#69
 Pentachlorophenol
 Concen: 58.815 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157121		
268	58.4		51.1	76.7
264	63.2		51.7	77.5

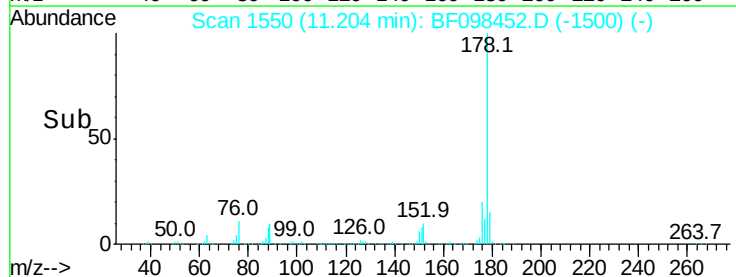
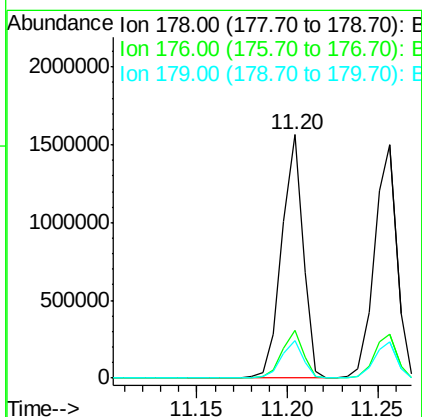
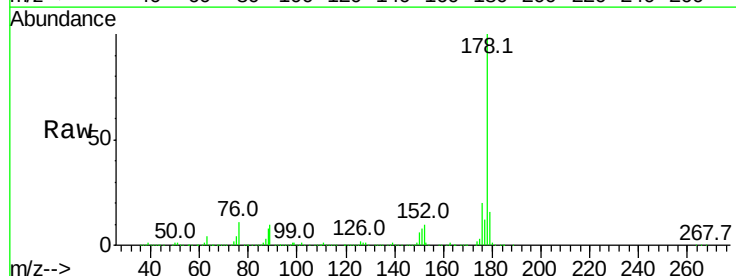
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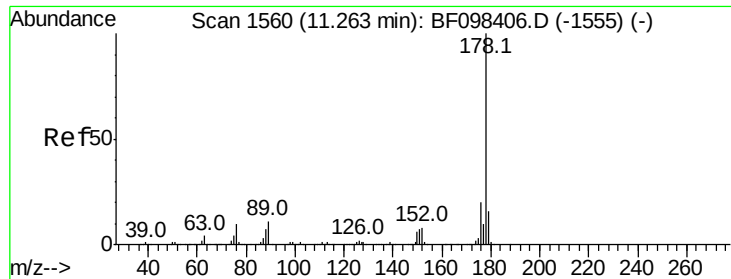
Sohil
 9/13/2017 5:00:01 PM



#70
 Phenanthrene
 Concen: 37.310 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1283815		
176	19.7		16.2	24.4
179	15.5		12.6	19.0





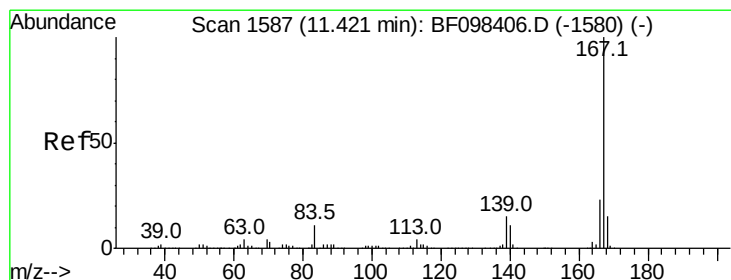
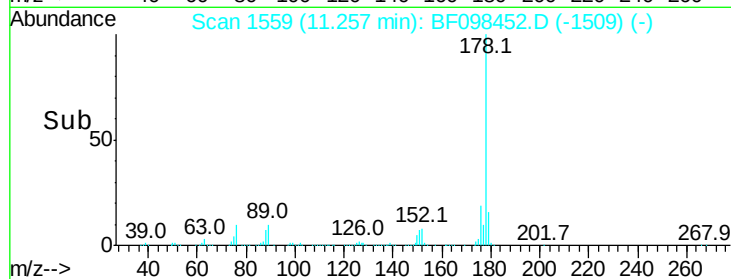
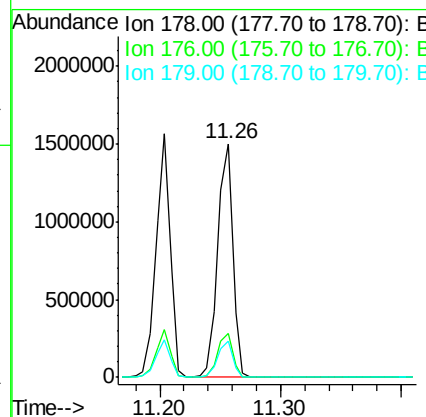
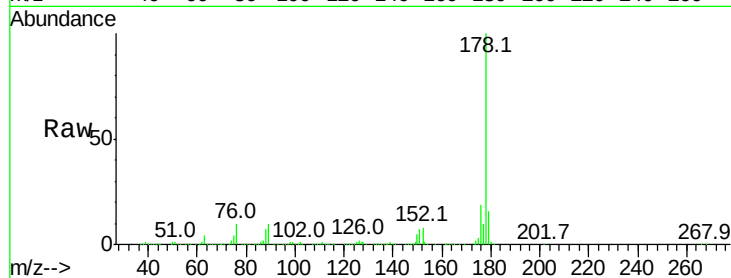
#71
 Anthracene
 Concen: 36.601 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion:178 Resp: 1293046
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1

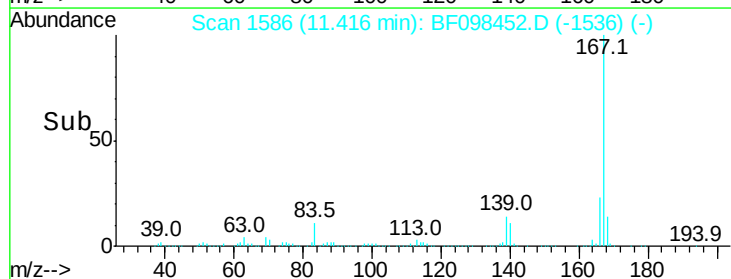
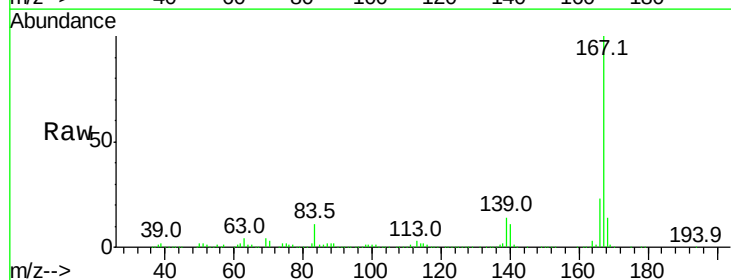
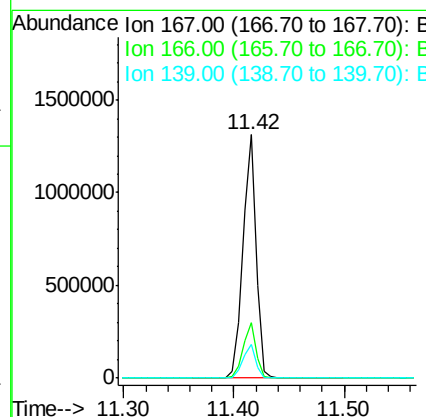
Manual Integrations
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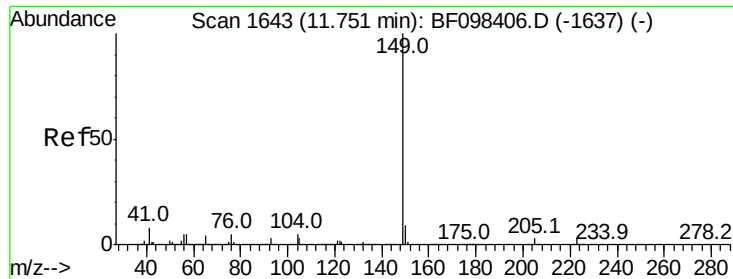
Sohil
 9/13/2017 5:00:01 PM



#72
 Carbazole
 Concen: 33.484 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:167 Resp: 1102430
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 36.911 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:149 Resp: 1456072

Ion Ratio Lower Upper

149 100

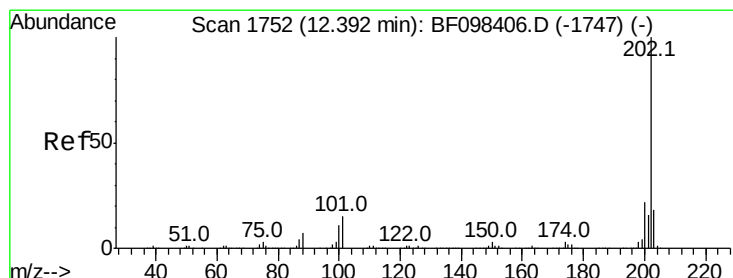
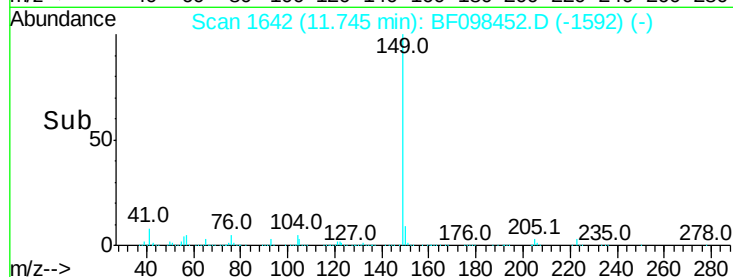
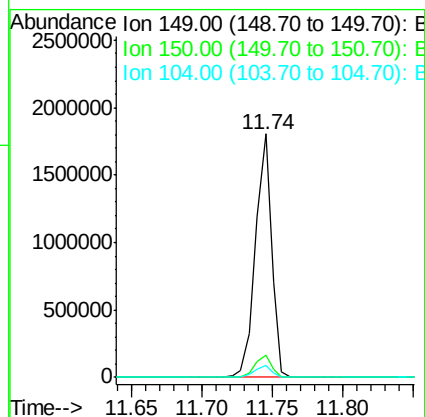
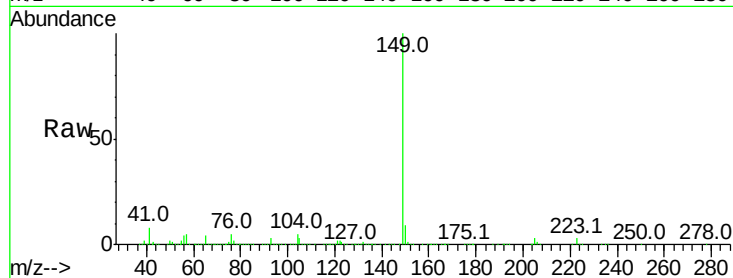
150 9.2 7.7 11.5

104 5.0 4.0 6.0

Manual Integrations
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Sohil

9/13/2017 5:00:01 PM



#74

Fluoranthene

Concen: 32.326 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

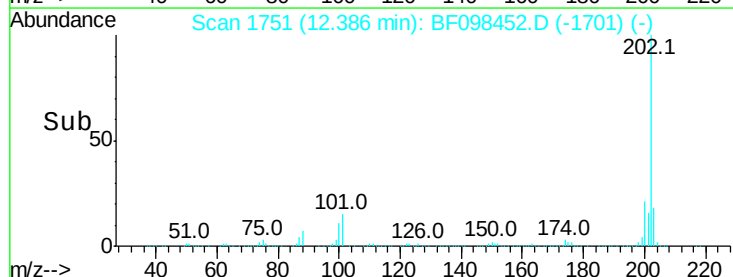
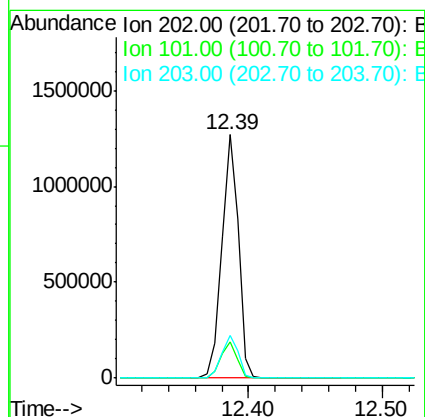
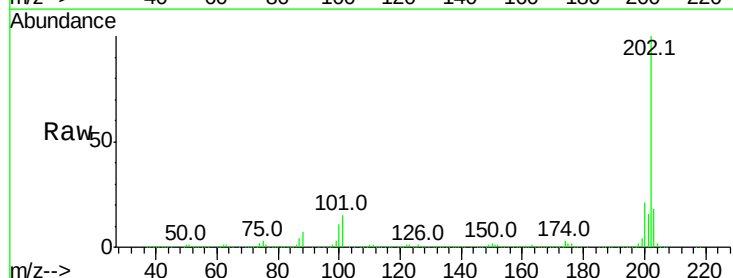
Tgt Ion:202 Resp: 1113512

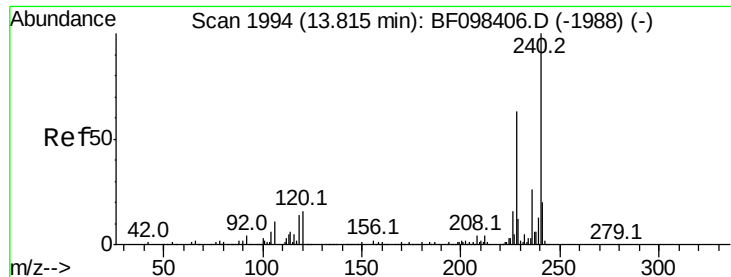
Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:240 Resp: 385079

Ion Ratio Lower Upper

240 100

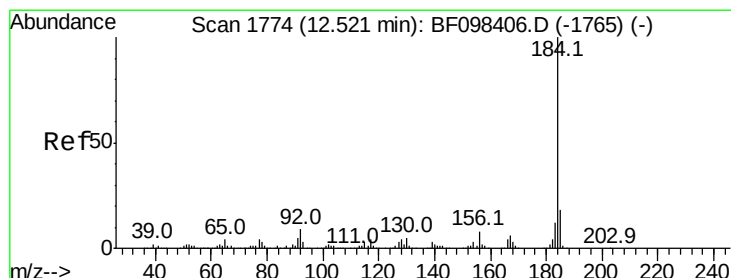
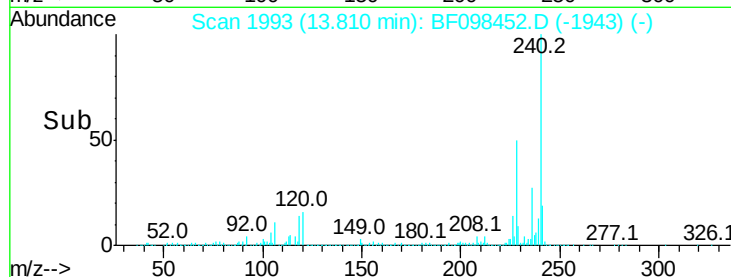
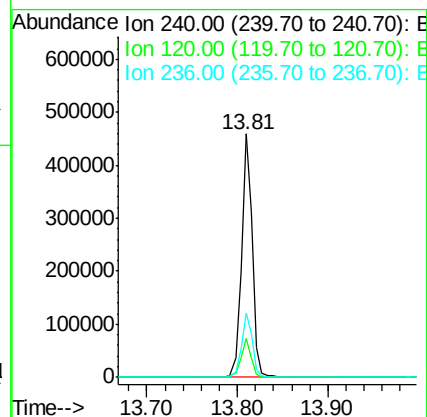
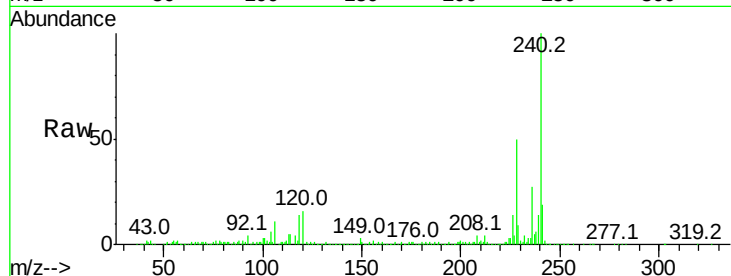
120 15.9 5.8 8.8#

236 26.6 20.5 30.7

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#76

Benzidine

Concen: 30.511 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

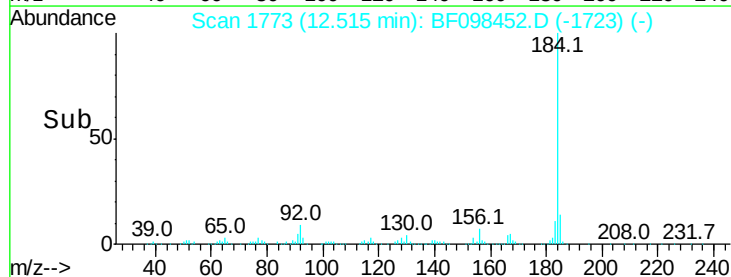
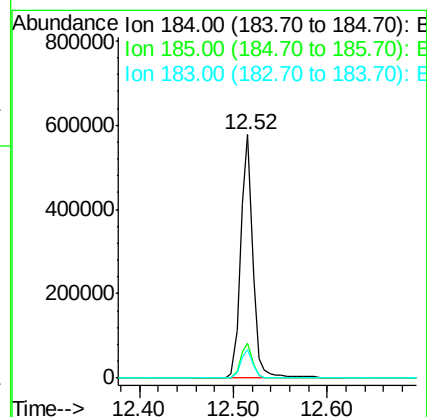
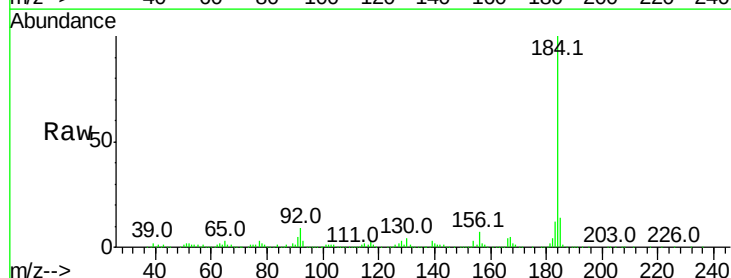
Tgt Ion:184 Resp: 519986

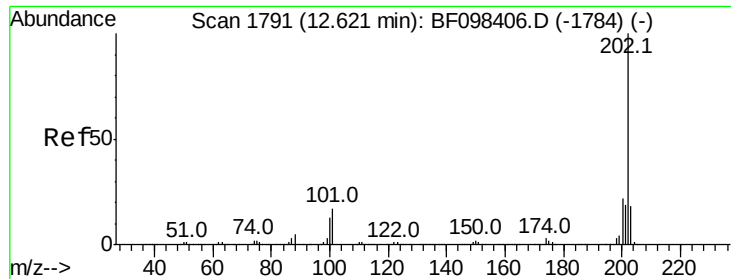
Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

183 11.5 9.8 14.6





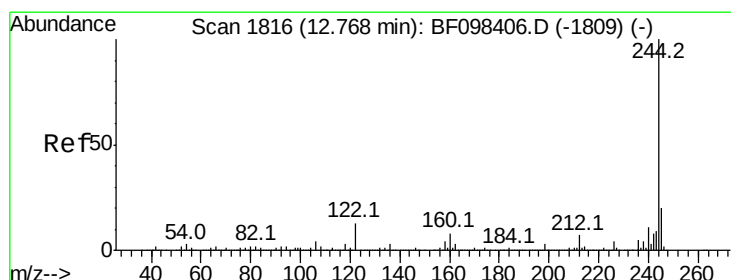
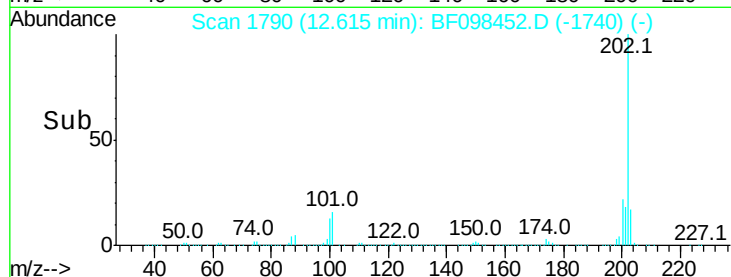
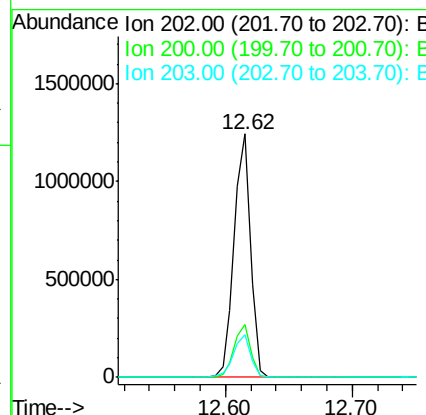
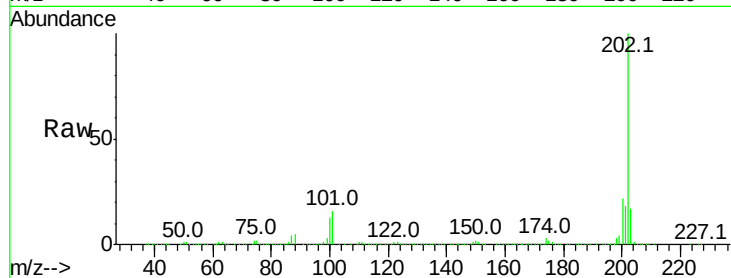
#77
Pvrene
Concen: 36.574 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.5	14.4	21.6

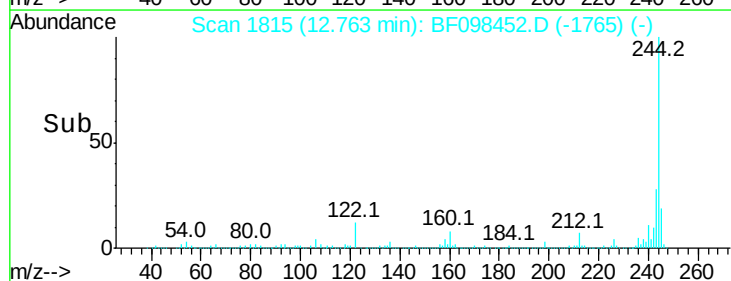
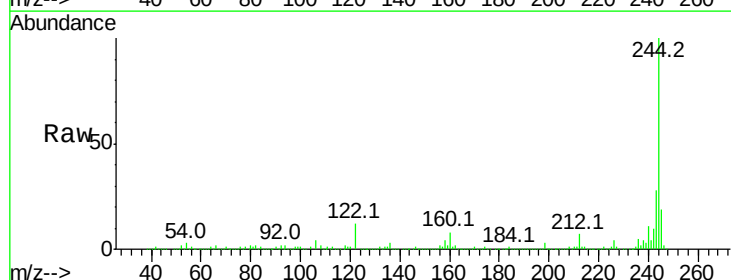
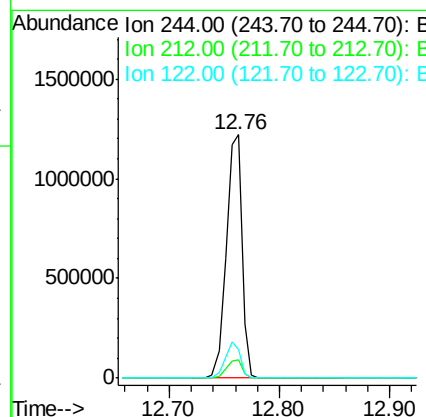
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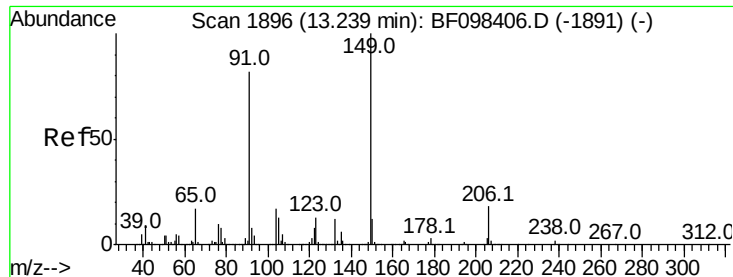
Sohil
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#78
Terphenyl-d14
Concen: 68.206 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.8	10.3	15.5





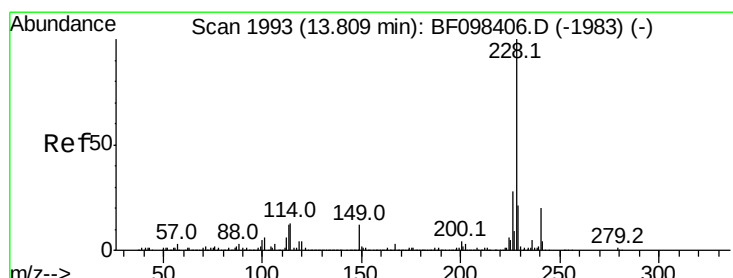
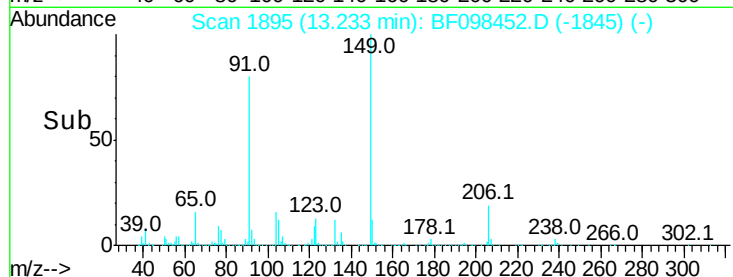
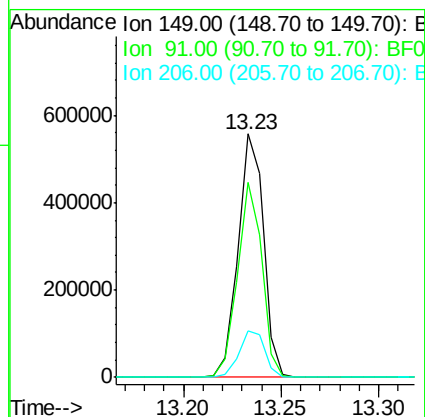
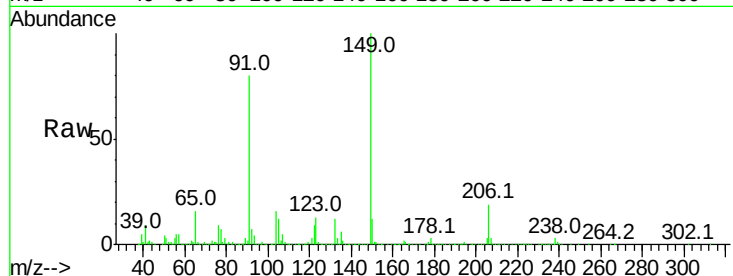
#79
Butylbenzylphthalate
Concen: 38.160 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	502889		
91	80.1	45.0	67.4#	
206	18.9	17.0	25.6	

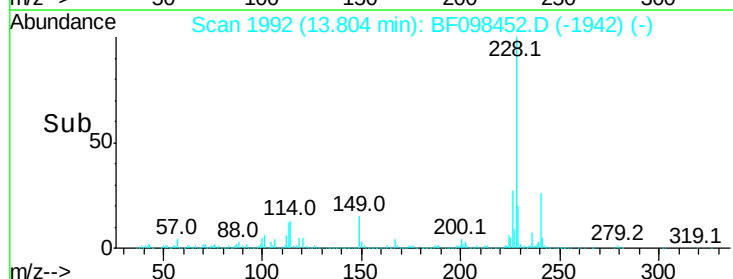
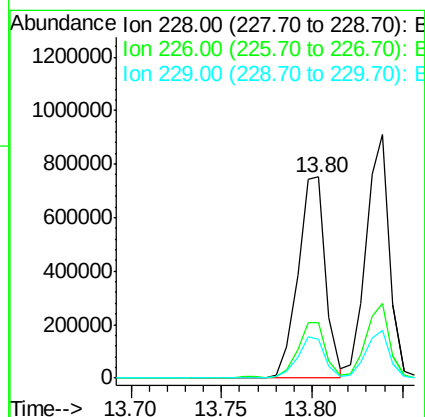
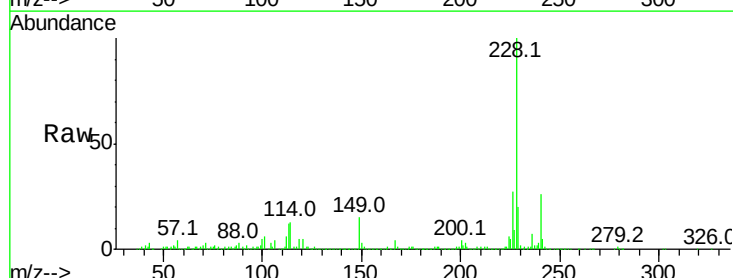
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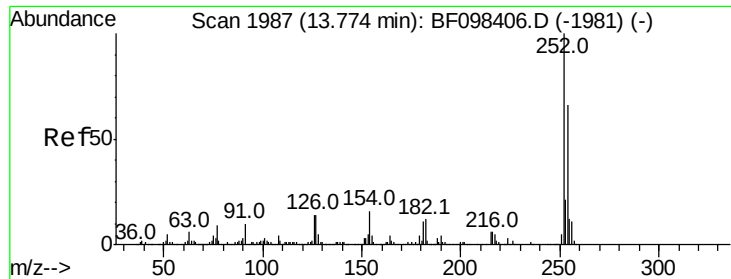
Sohil
9/13/2017 5:00:01 PM



#80
Benzo(a)anthracene
Concen: 35.543 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	802435		
226	27.4	22.6	33.8	
229	19.6	16.3	24.5	





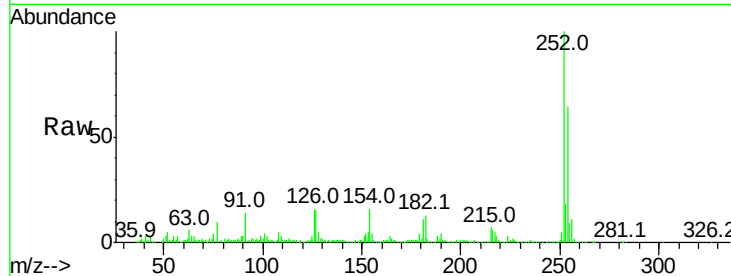
#81
 3,3'-Dichlorobenzidine
 Concen: 30.257 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

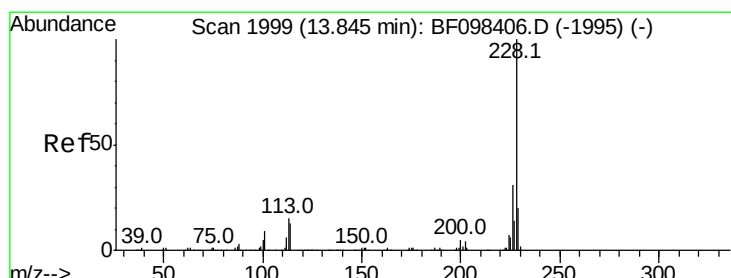
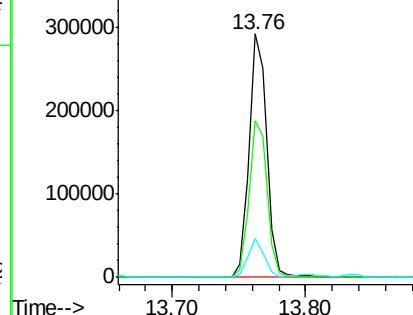
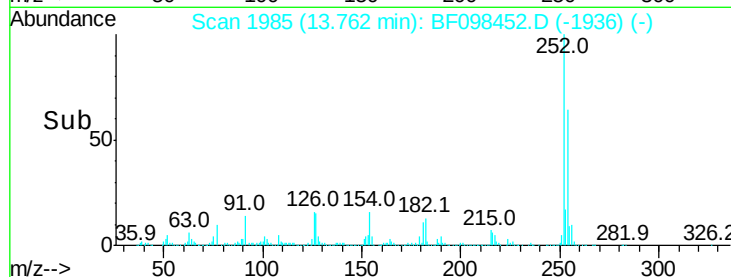
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	51.5	77.3
126	15.9	15.8	23.8

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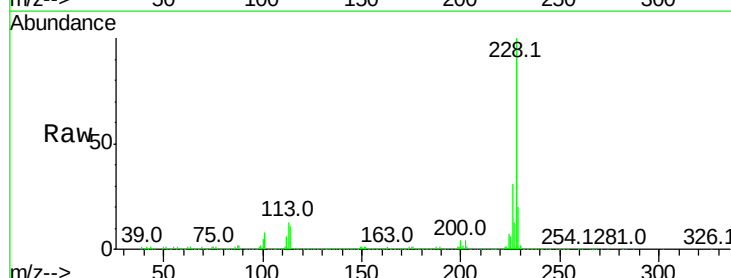


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

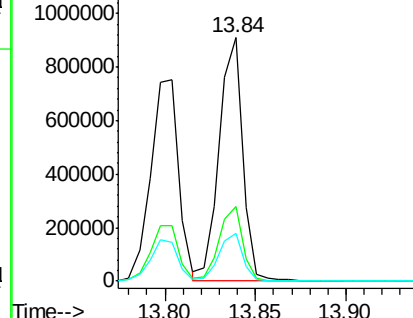
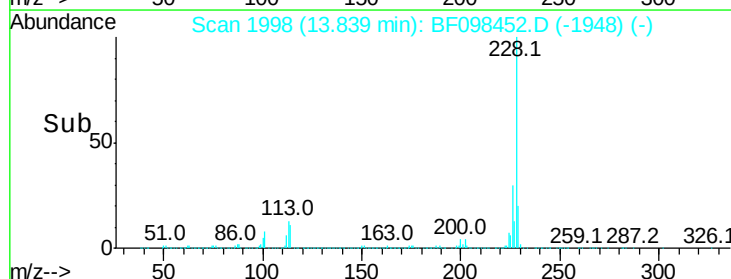


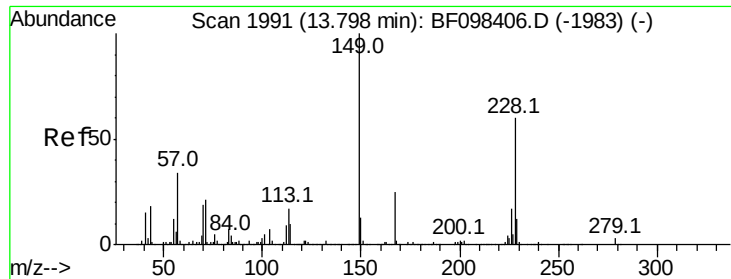
#82
 Chrysene
 Concen: 35.786 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.7	15.8	23.6



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: 38.314 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

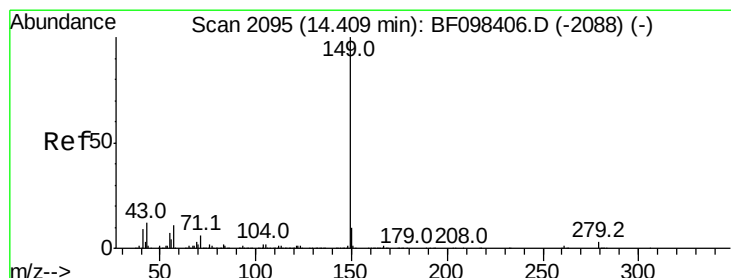
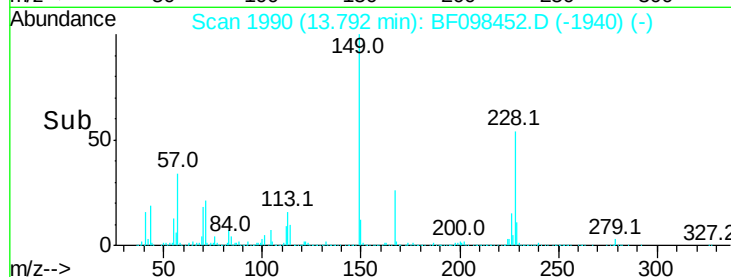
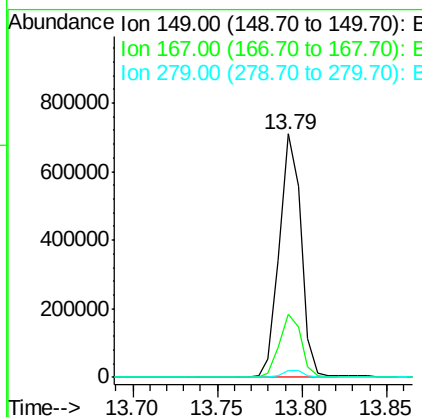
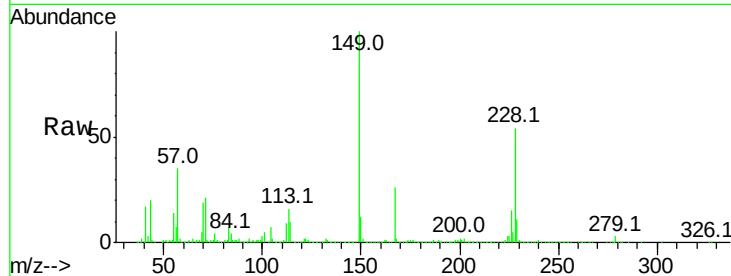
ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:	149	Resp:	633686
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.0	31.4
279	2.6	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 38.776 ng

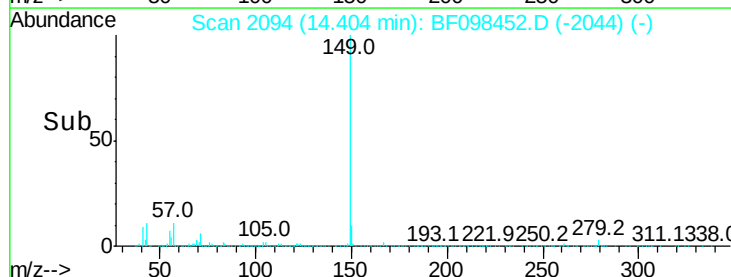
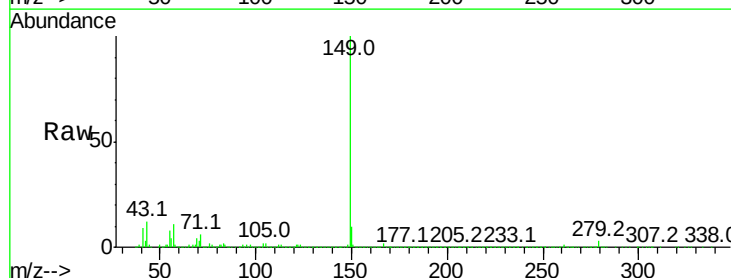
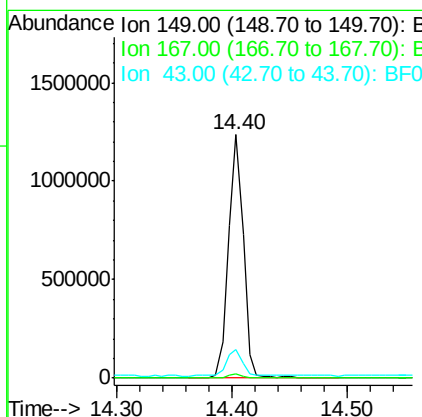
RT: 14.40 min Scan# 2094

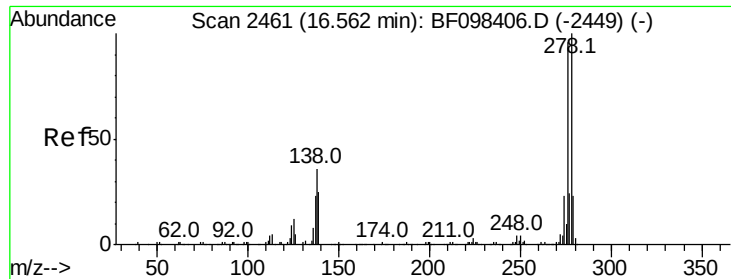
Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:	149	Resp:	1100339
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.7	8.5	12.7





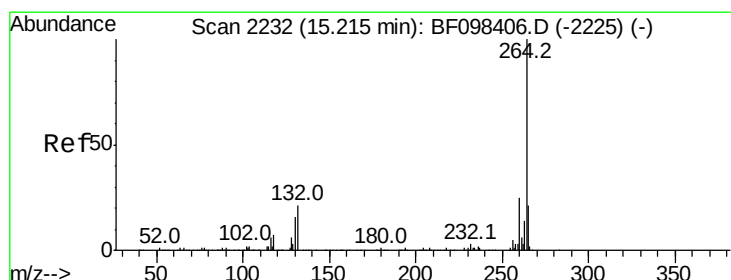
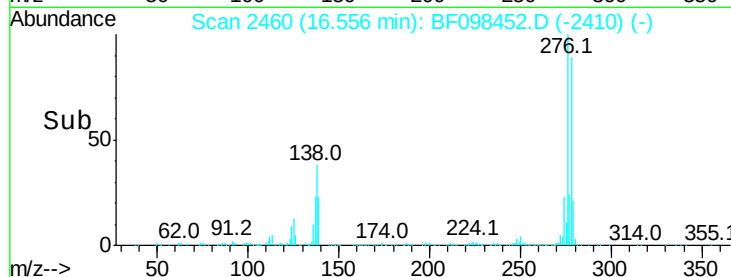
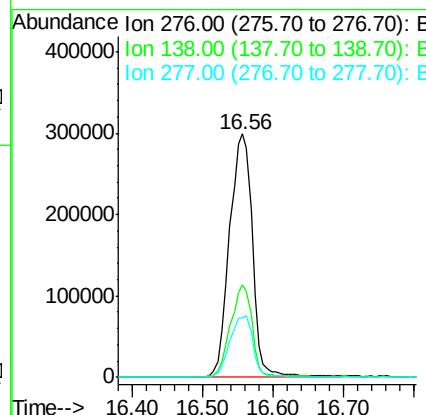
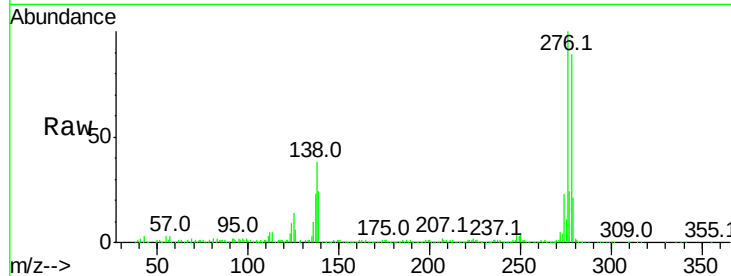
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.803 ng
 RT: 16.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	669305		
138	36.0		27.8	41.6
277	25.9		20.2	30.4

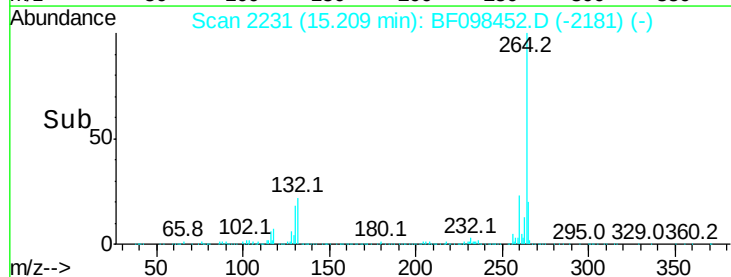
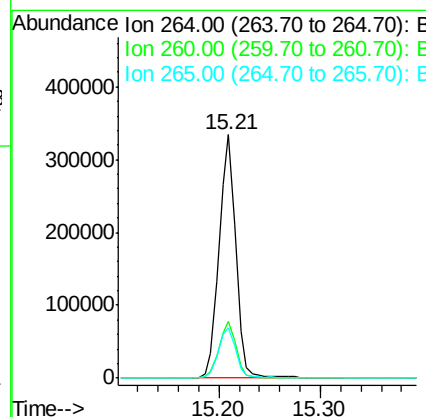
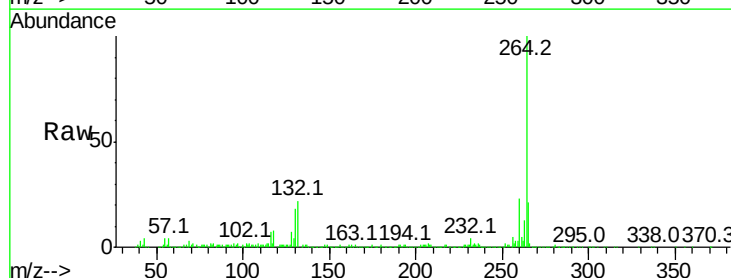
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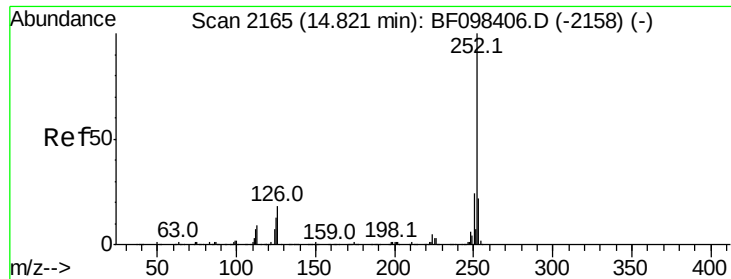
Sohil
 9/13/2017 5:00:01 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	385418		
260	23.3		19.5	29.3
265	20.7		17.2	25.8





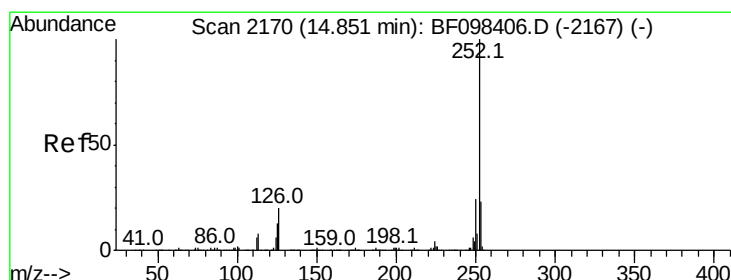
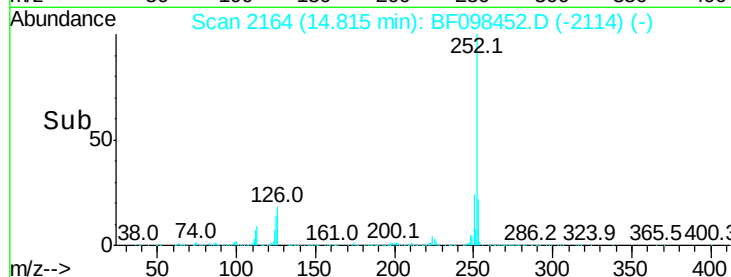
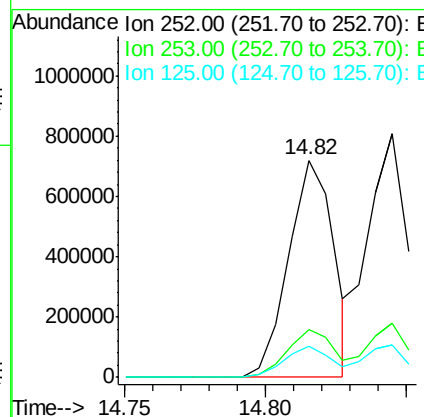
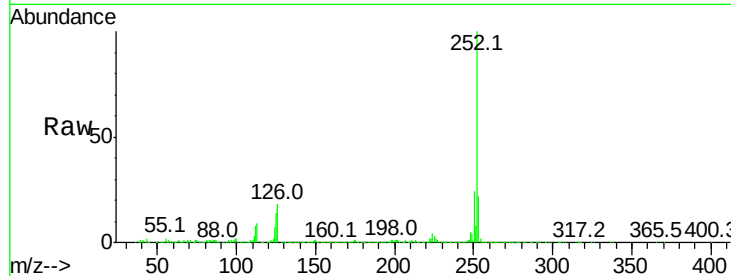
#87
Benzo(b)fluoranthene
Concen: 32.988 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.4	9.8	14.8

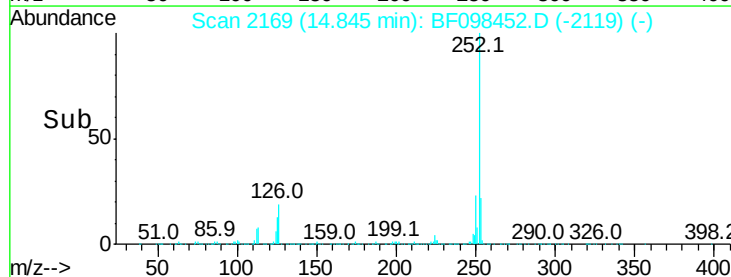
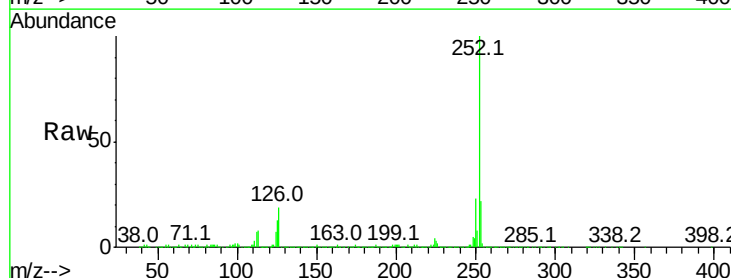
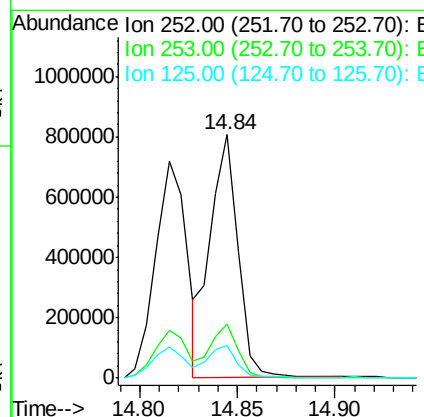
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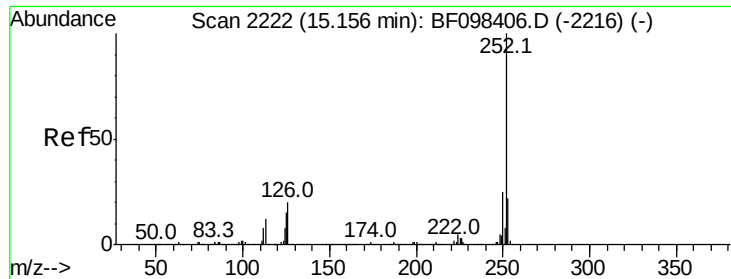
Sohil
9/13/2017 5:00:01 PM



#88
Benzo(k)fluoranthene
Concen: 35.124 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.2	13.1	19.7





#89

Benzo(a)pyrene

Concen: 35.710 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

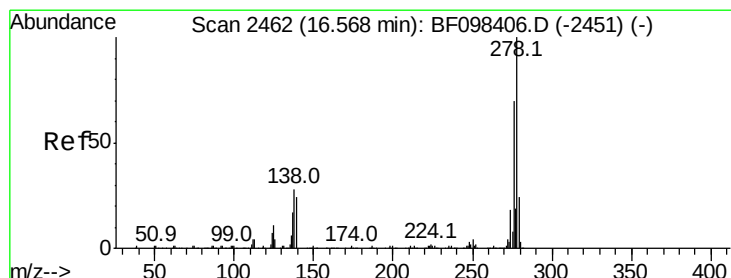
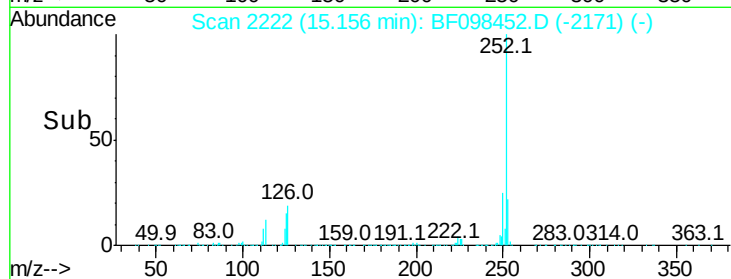
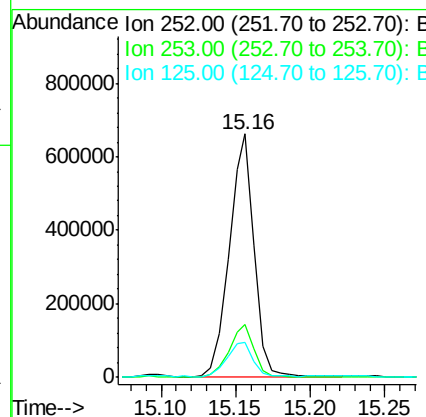
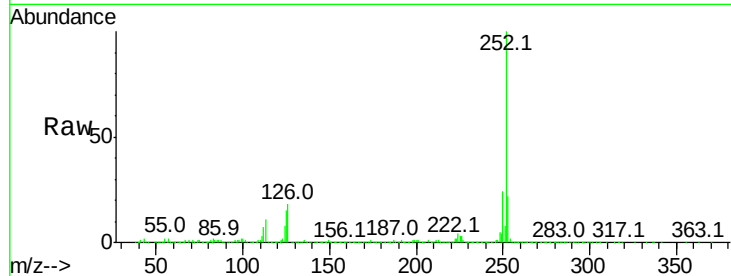
Instrument :
BNA_F

ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.5	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 36.142 ng

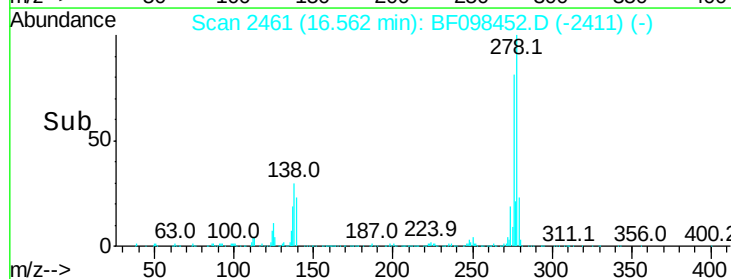
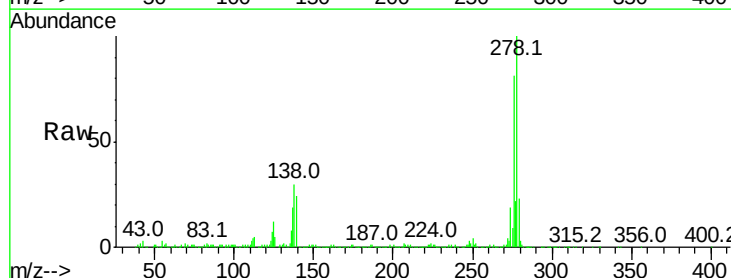
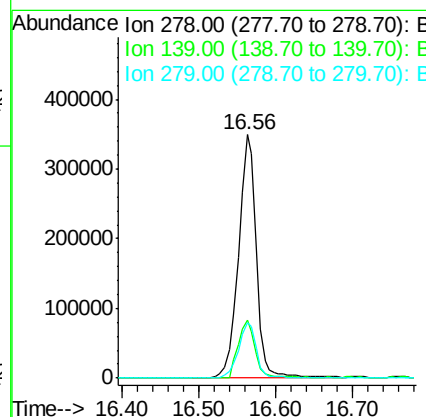
RT: 16.56 min Scan# 2461

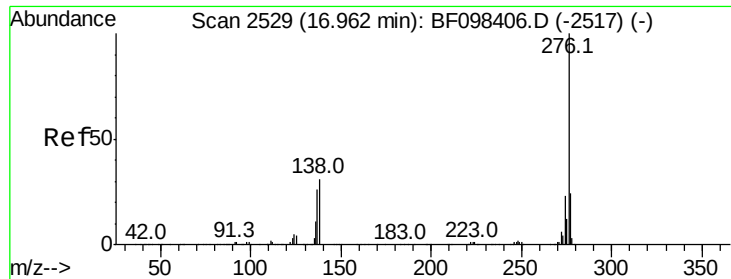
Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.6	24.8
279	22.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 34.233 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	18.6	28.0
138	30.7	25.4	38.0

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