

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098451.D
 Acq On : 12 Sep 2017 15:40
 Operator : SJ/JU
 Sample : I5156-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 9/13/2017 4:59:58 PM

Quant Time: Sep 13 01:15:09 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	222845	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	940781	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	419236	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	709094	20.00	ng	0.00
75) Chrysene-d12	13.81	240	402857	20.00	ng	0.00
86) Perylene-d12	15.21	264	392465	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1469893	97.52	ng	0.00
7) Phenol-d6	6.32	99	1816272	94.91	ng	0.00
23) Nitrobenzene-d5	7.23	82	1132780	67.13	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	305031	109.02	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1757054	71.04	ng	-0.01
78) Terphenyl-d14	12.76	244	1188414	63.67	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	207624	26.689	ng	89
3) Pyridine	3.03	79	592335	28.672	ng	# 83
4) n-Nitrosodimethylamine	2.99	42	295342	29.160	ng	100
6) Aniline	6.33	93	521581	21.726	ng	# 1
8) 2-Chlorophenol	6.45	128	546977	33.003	ng	94
9) Benzaldehyde	6.21	77	410803	32.839	ng	91
10) Phenol	6.33	94	760640	34.221	ng	89
11) bis(2-Chloroethyl)ether	6.40	93	538214	32.115	ng	90
12) 1,3-Dichlorobenzene	6.60	146	550579	33.005	ng	98
13) 1,4-Dichlorobenzene	6.68	146	549068	32.133	ng	94
14) 1,2-Dichlorobenzene	6.83	146	506968	32.566	ng	98
15) Benzyl Alcohol	6.82	79	451844	35.478	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	877305	31.816	ng	74
17) 2-Methylphenol	6.94	107	459354	33.989	ng	# 89
18) Hexachloroethane	7.17	117	208424	31.851	ng	# 81
19) n-Nitroso-di-n-propylamine	7.09	70	391254	32.504	ng	99
20) 3+4-Methylphenols	7.09	107	602190	35.309	ng	# 66
22) Acetophenone	7.08	105	772365	31.765	ng	# 92
24) Nitrobenzene	7.25	77	608428	31.653	ng	98
25) Isophorone	7.49	82	1083041	31.721	ng	100
26) 2-Nitrophenol	7.57	139	286667	36.937	ng	# 83
27) 2,4-Dimethylphenol	7.62	122	489792	33.106	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	696576	33.435	ng	98
29) 2,4-Dichlorophenol	7.82	162	436051	35.438	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	456368	34.096	ng	99
31) Naphthalene	7.97	128	1549377	33.314	ng	99
32) Benzoic acid	7.72	122	18625	9.535	ng	93
33) 4-Chloroaniline	8.02	127	327550	17.329	ng	99
34) Hexachlorobutadiene	8.09	225	230898	33.603	ng	99
35) Caprolactam	8.40	113	155444m	36.635	ng	
36) 4-Chloro-3-methylphenol	8.52	107	497531	32.604	ng	# 82
37) 2-Methylnaphthalene	8.66	142	1016203	36.072	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	416425	31.888	ng	99
40) Hexachlorocyclopentadiene	8.81	237	128782	39.368	ng	98

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Quant Time: Sep 13 01:15:09 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	276597	36.060	nq	92
43) 2,4,5-Trichlorophenol	8.99	196	290624	36.249	nq	93
45) 1,1'-Biphenyl	9.12	154	1190067	31.715	nq	97
46) 2-Chloronaphthalene	9.15	162	899751	33.574	nq	94
47) 2-Nitroaniline	9.25	65	352394	34.260	nq	93
48) Acenaphthylene	9.56	152	1321649	33.169	nq	99
49) Dimethylphthalate	9.43	163	1259515	38.811	nq	99
50) 2,6-Dinitrotoluene	9.50	165	236718	35.511	nq	# 85
51) Acenaphthene	9.73	154	822286	32.465	nq	98
52) 3-Nitroaniline	9.66	138	193621	24.062	nq	98
53) 2,4-Dinitrophenol	9.78	184	60451	25.665	nq	# 76
54) Dibenzofuran	9.90	168	1155764	34.637	nq	98
55) 4-Nitrophenol	9.85	139	304524	65.870	nq	# 46
56) 2,4-Dinitrotoluene	9.90	165	285577	35.238	nq	# 58
57) Fluorene	10.25	166	893978	32.369	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	212639	39.464	nq	94
59) Diethylphthalate	10.13	149	1028090	33.311	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	428882	33.620	nq	# 87
61) 4-Nitroaniline	10.28	138	242209	29.805	nq	88
62) Azobenzene	10.40	77	1074367	32.298	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	102558	26.106	nq	89
65) n-Nitrosodiphenylamine	10.36	169	832338	36.150	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	247796	36.820	nq	95
67) Hexachlorobenzene	10.79	284	232096	34.000	nq	# 86
68) Atrazine	10.89	200	260100	36.694	nq	98
69) Pentachlorophenol	10.99	266	178274	60.818	nq	95
70) Phenanthrene	11.20	178	1310793	34.870	nq	99
71) Anthracene	11.26	178	1321941	34.252	nq	99
72) Carbazole	11.42	167	1125435	31.289	nq	99
73) Di-n-butylphthalate	11.75	149	1485821	34.477	nq	100
74) Fluoranthene	12.39	202	1202466	31.954	nq	98
76) Benzidine	12.52	184	471741	26.459	nq	# 92
77) Pyrene	12.62	202	1196604	37.653	nq	99
79) Butylbenzylphthalate	13.23	149	500571	36.308	nq	# 76
80) Benzo(a)anthracene	13.80	228	851825	36.066	nq	97
81) 3,3'-Dichlorobenzidine	13.77	252	244939	26.685	nq	# 94
82) Chrysene	13.84	228	814041	34.096	nq	100
83) Bis(2-ethylhexyl)phthalate	13.79	149	629224	36.365	nq	100
84) Di-n-octyl phthalate	14.40	149	1078160	36.318	nq	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	679418	40.562	nq	98
87) Benzo(b)fluoranthene	14.82	252	897110	36.354	nq	97
88) Benzo(k)fluoranthene	14.84	252	702006	30.472	nq	96
89) Benzo(a)pyrene	15.16	252	784154	35.668	nq	99
90) Dibenzo(a,h)anthracene	16.56	278	564060	35.270	nq	98
91) Benzo(g,h,i)perylene	16.96	276	547877	34.061	nq	100

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

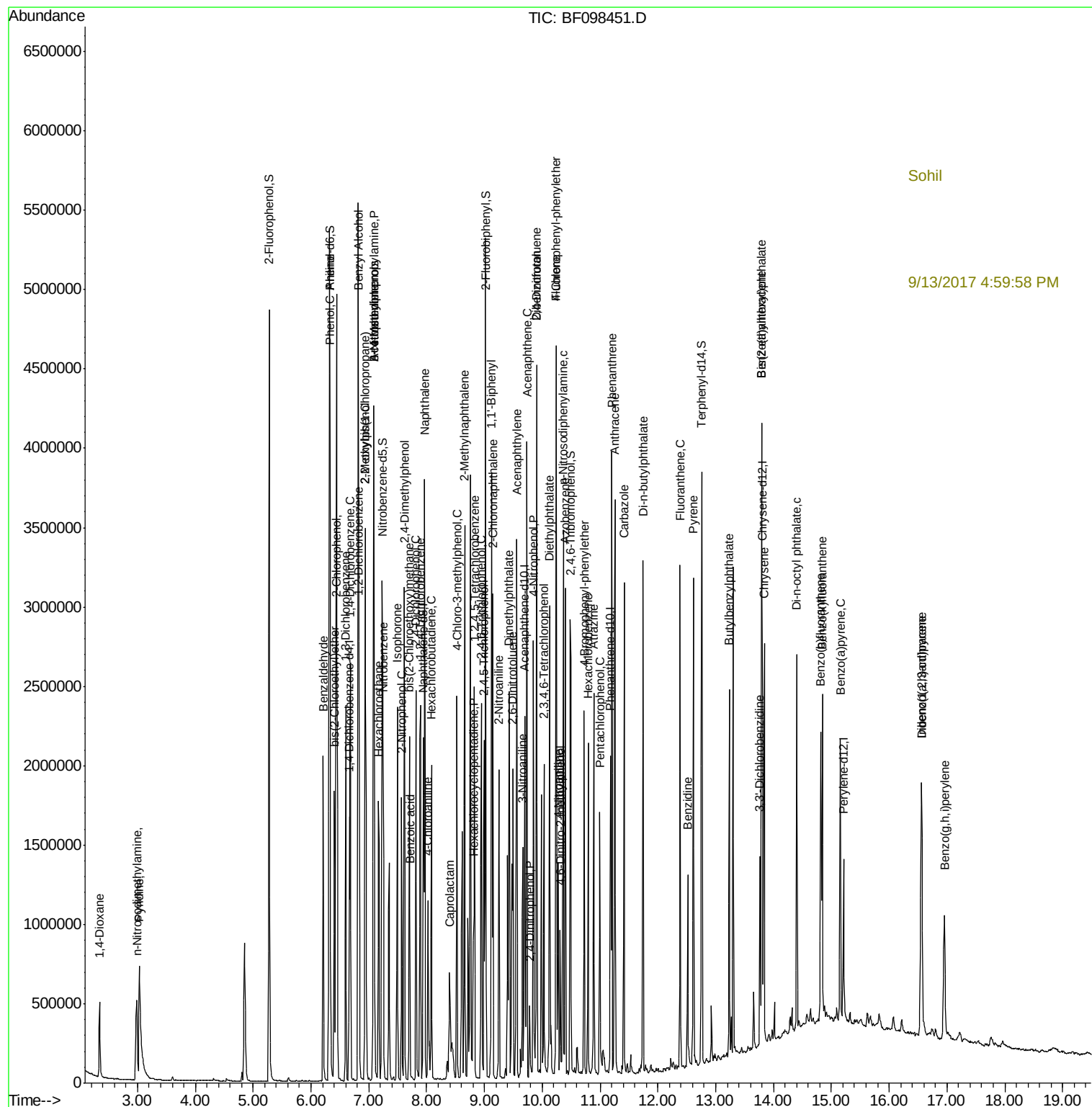
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
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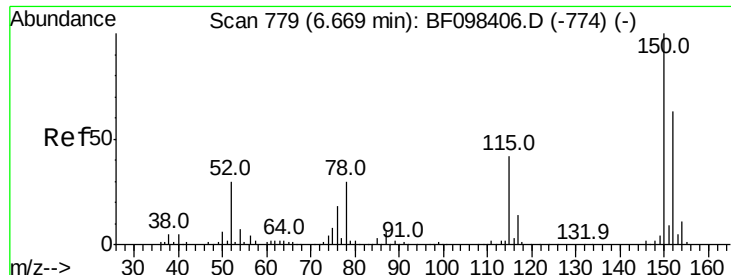
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#1

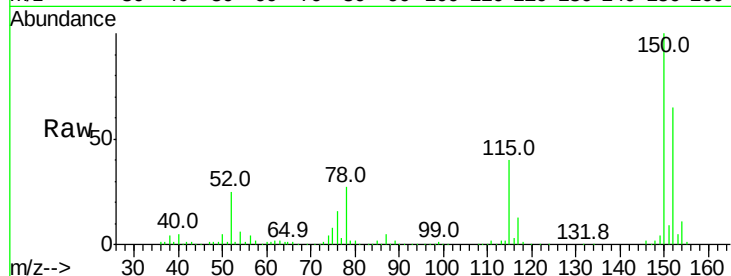
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

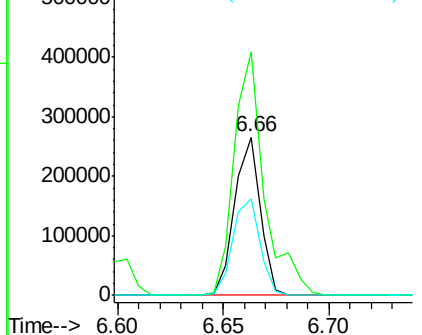
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	61.1	52.2	78.2

Manual Integrations
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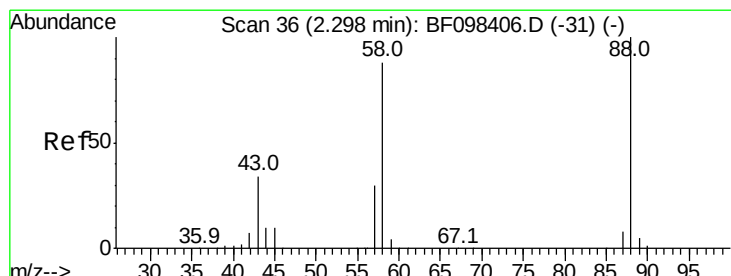
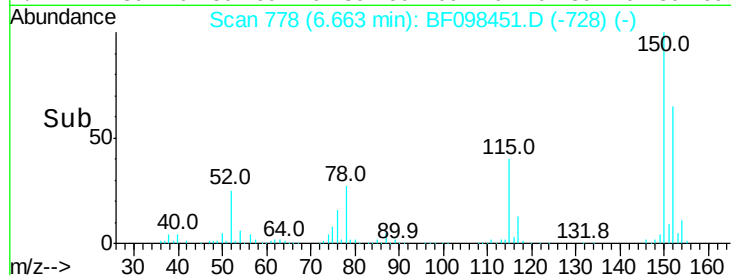


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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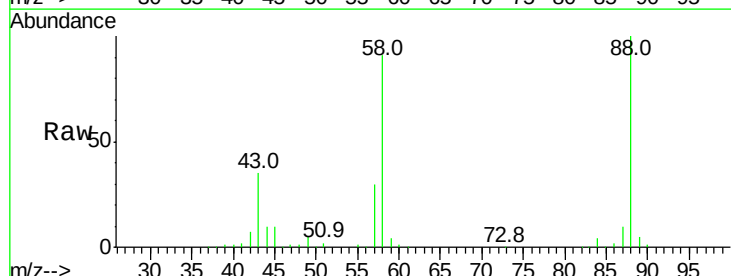
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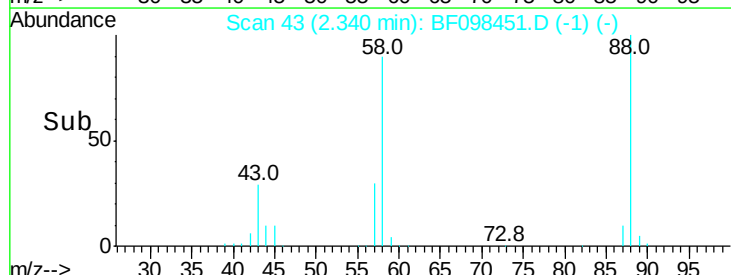
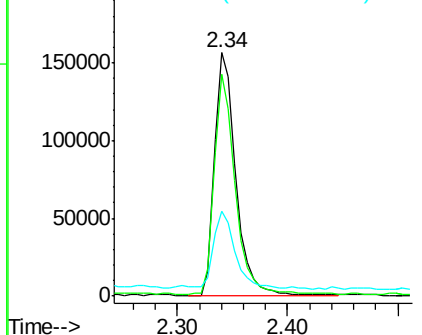
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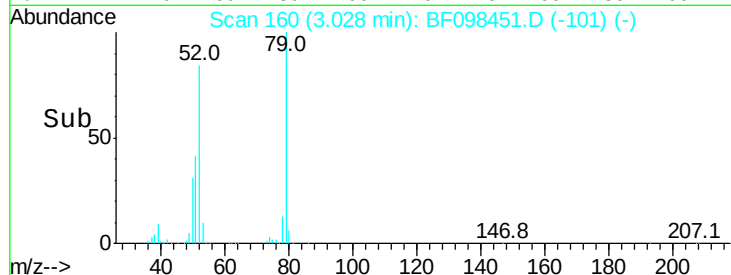
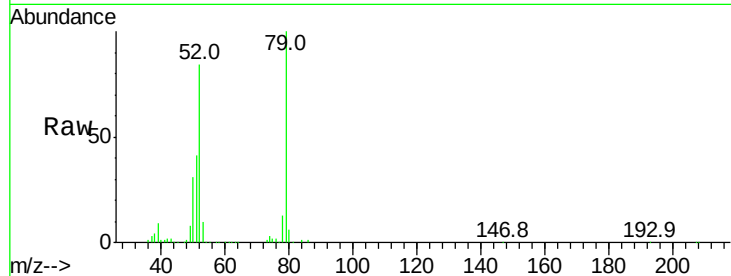
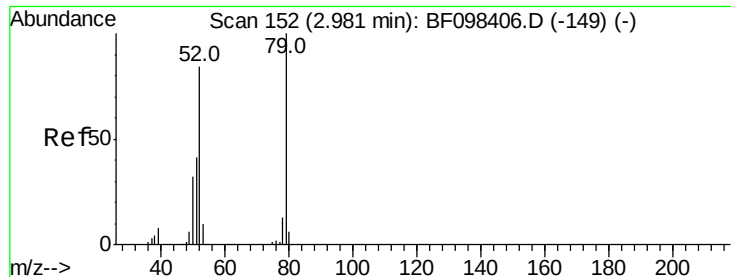
1,4-Dioxane
Concen: 26.689 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.04 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	61.4	92.0
43	32.0	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





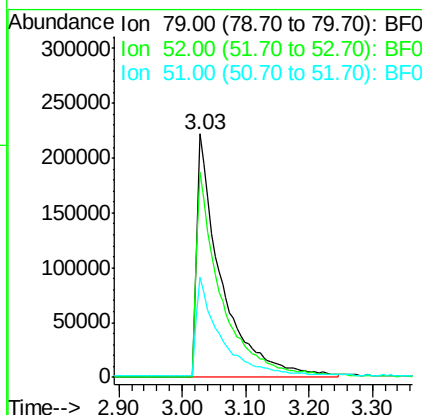
#3
Pvridine
Concen: 28.672 ng
RT: 3.03 min Scan# 160
Delta R.T. 0.05 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	84.2	54.8	82.2#
51	41.4	27.0	40.4#

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

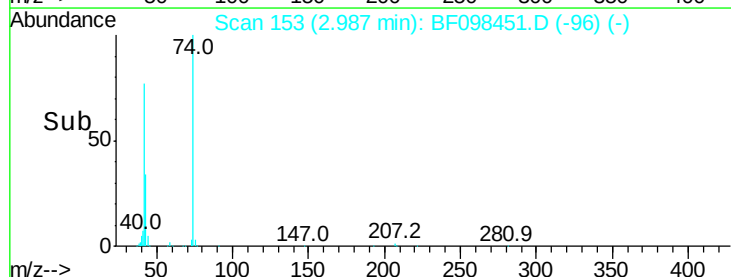
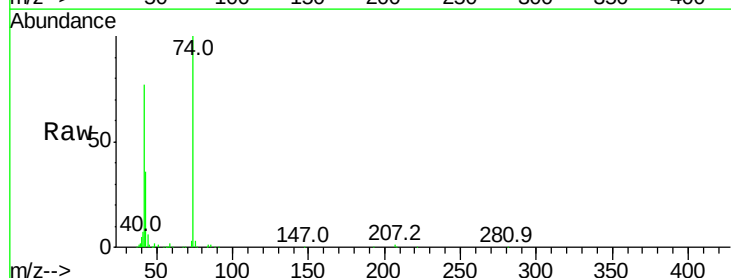
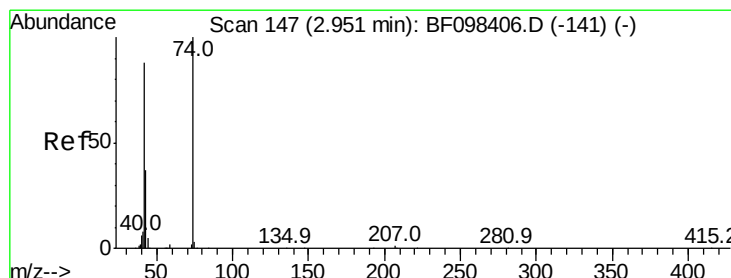
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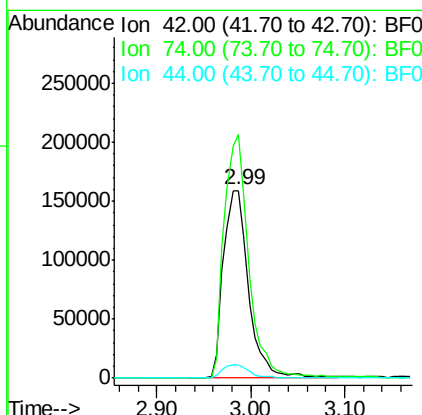
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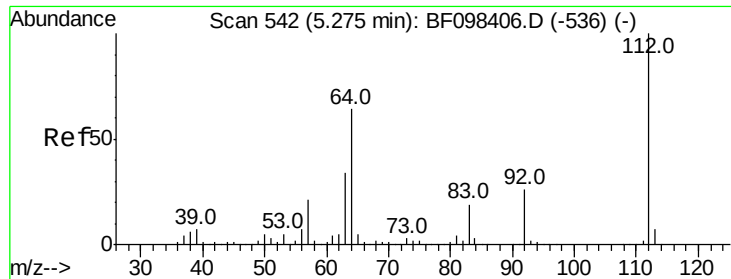
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#4
n-Nitrosodimethylamine
Concen: 29.160 ng
RT: 2.99 min Scan# 153
Delta R.T. 0.04 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	129.8	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 97.524 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:112 Resp: 1469893

Ion Ratio Lower Upper

112 100

64 62.7 46.0 69.0

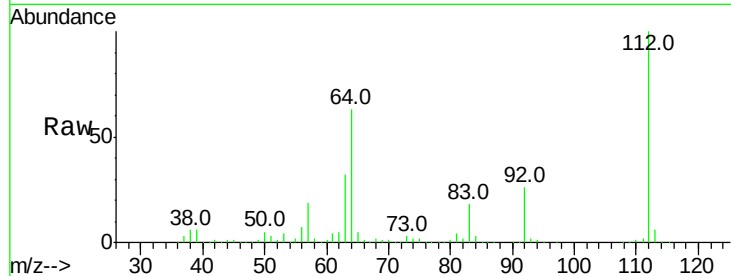
63 31.9 23.4 35.0

Manual Integrations

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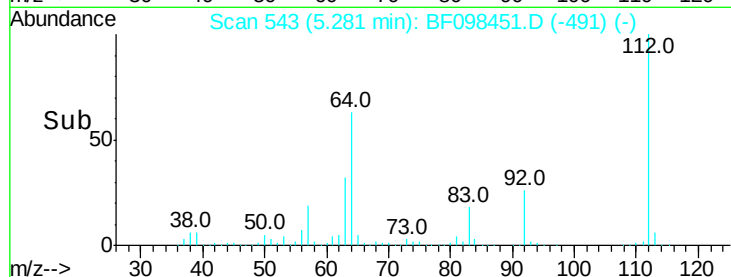
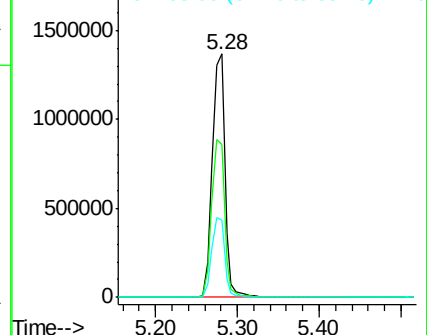
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Abundance Ion 112.00 (111.70 to 112.70): E

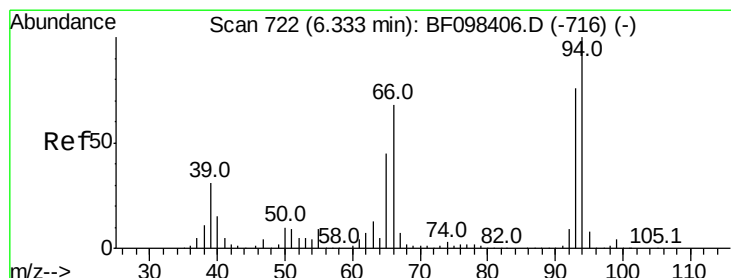
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 21.726 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

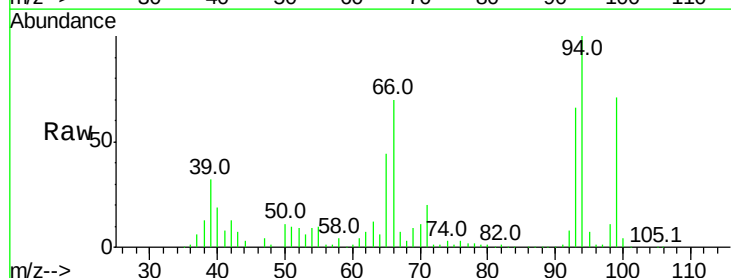
Tgt Ion: 93 Resp: 521581

Ion Ratio Lower Upper

93 100

66 106.6 32.9 49.3#

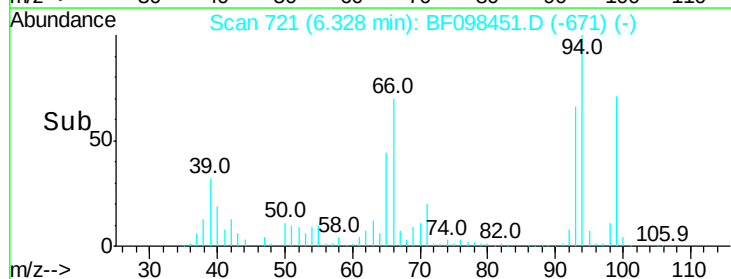
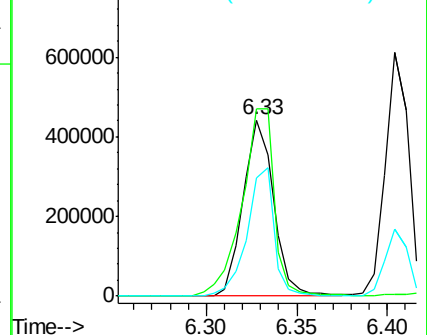
65 67.3 16.0 24.0#

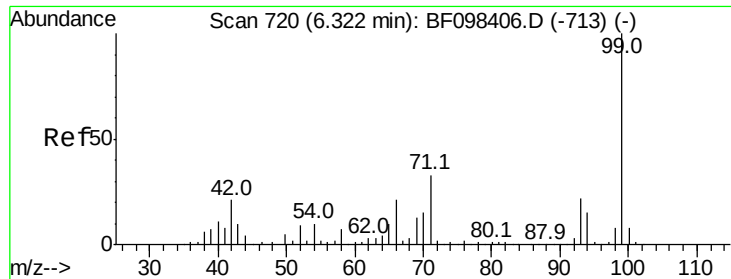


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.911 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampled :

FK-GF-02-011-AMS

Tot Ion: 99 Resp: 1816272

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

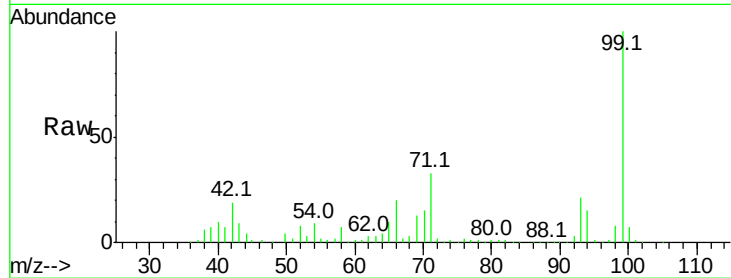
71 33.3 24.5 36.7

Manual Integrations

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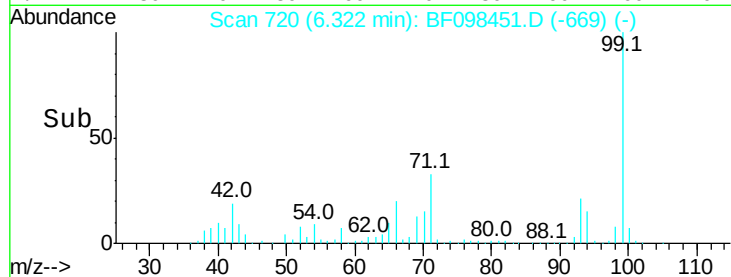
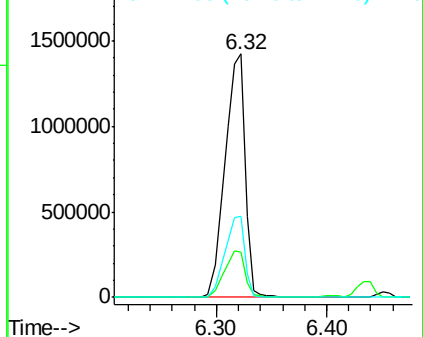
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Abundance Ion 99.00 (98.70 to 99.70): BF0

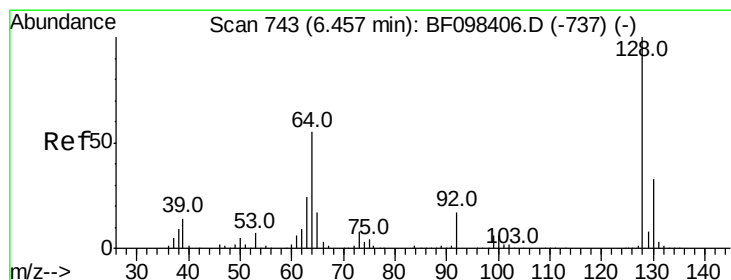
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 33.003 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

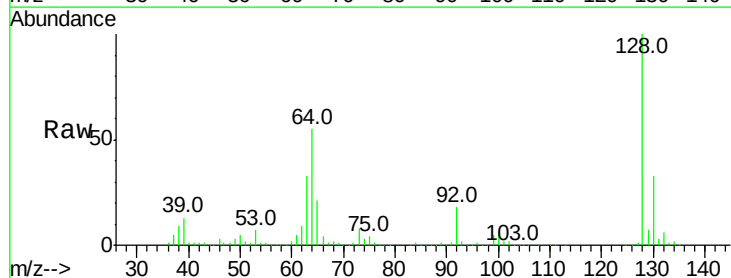
Tgt Ion: 128 Resp: 546977

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

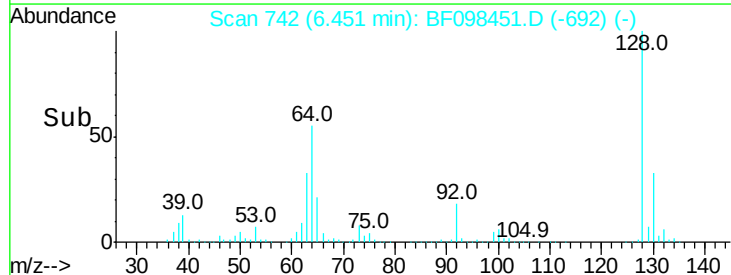
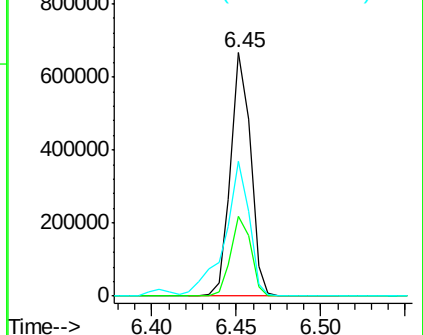
64 55.4 28.4 68.4

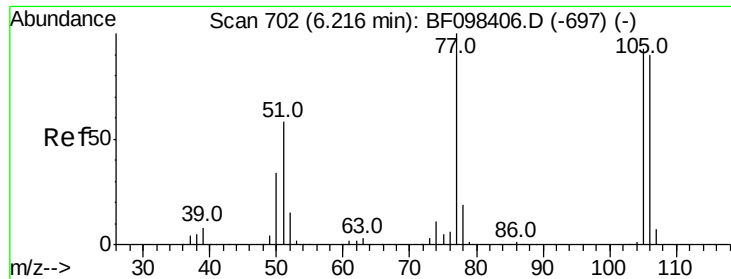


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





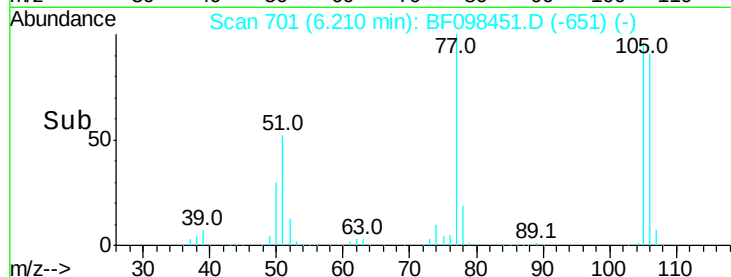
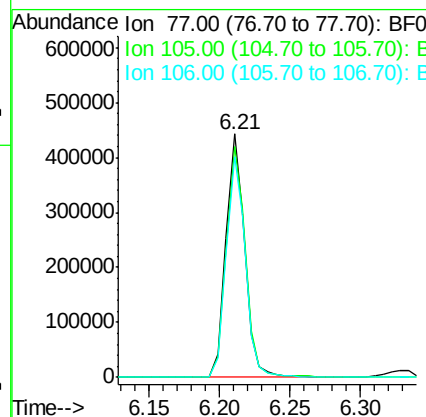
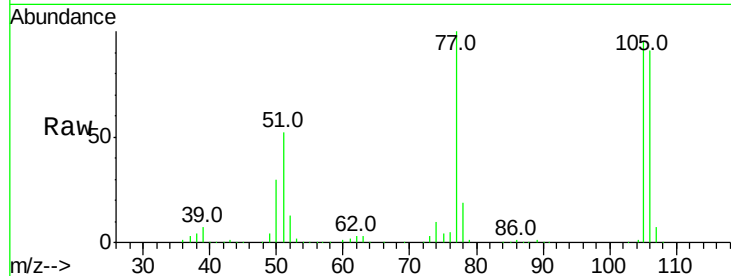
#9
Benzaldehyde
Concen: 32.839 ng
RT: 6.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	94.7	83.8	123.8		
106	90.6	79.1	119.1		

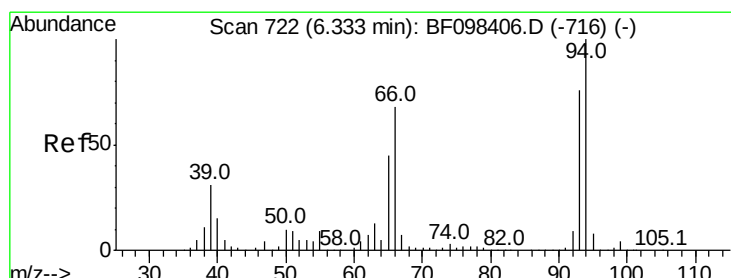
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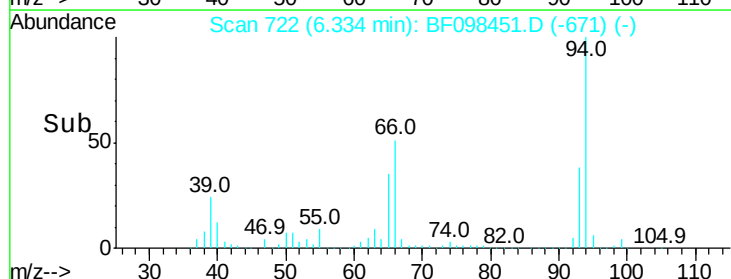
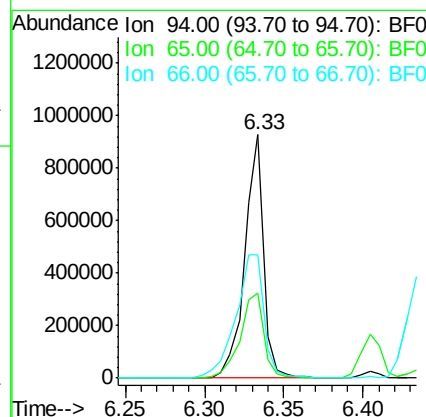
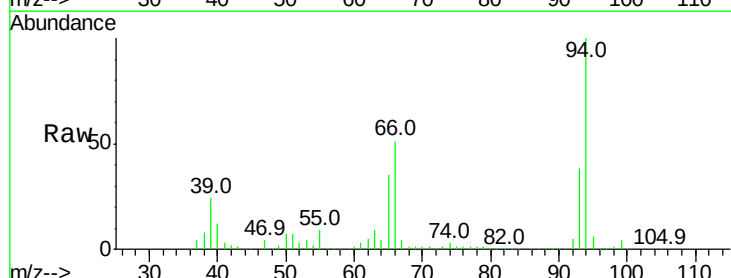
Sohil

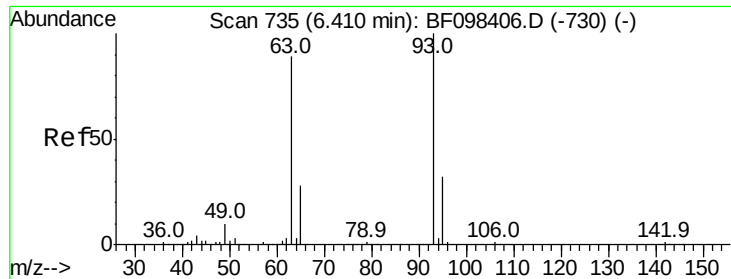
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#10
Phenol
Concen: 34.221 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.9	9.9	49.9		
66	50.6	23.1	63.1		





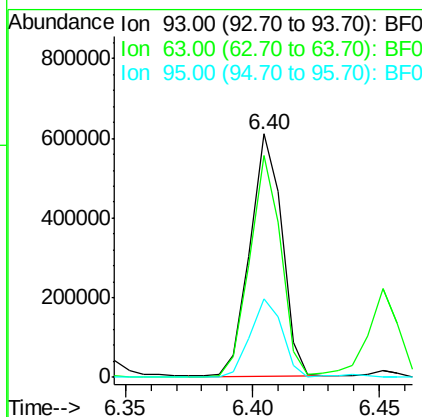
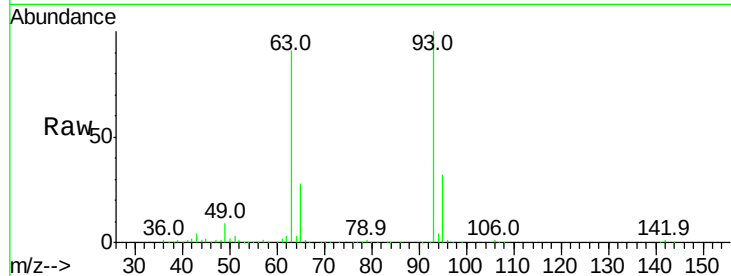
#11
 bis(2-Chloroethyl)ether
 Concen: 32.115 ng
 RT: 6.40 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion:	93	Resp:	538214
Ion Ratio	Lower	Upper	
93	100		
63	91.0	59.2	99.2
95	32.2	12.8	52.8

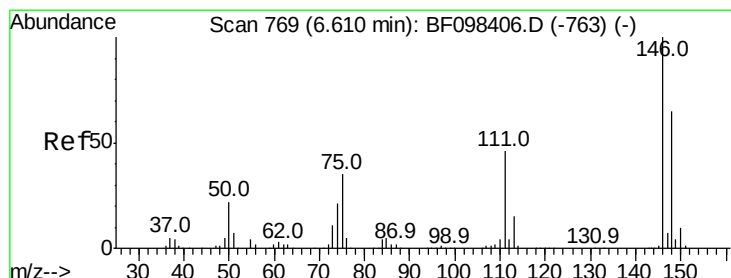
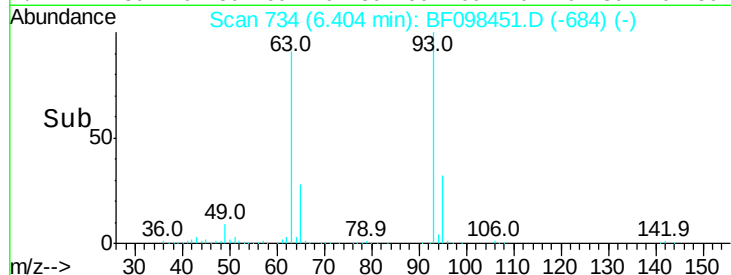
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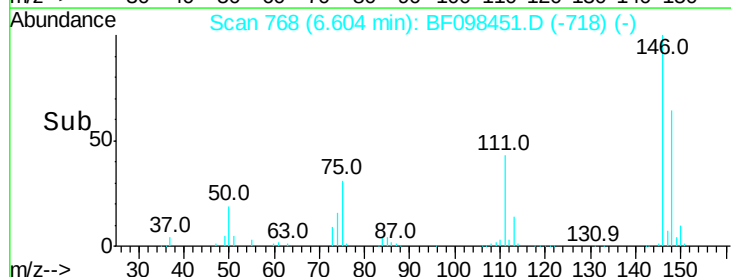
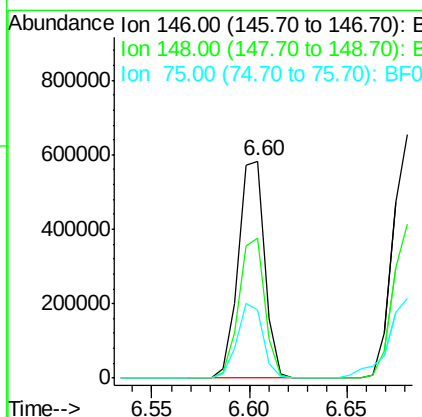
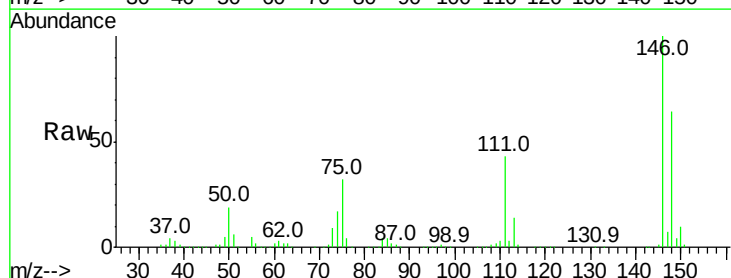
Sohil

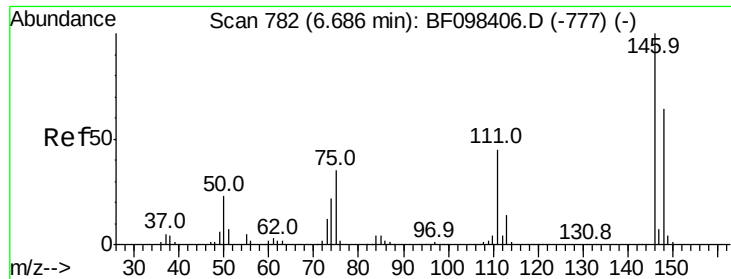
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#12
 1,3-Dichlorobenzene
 Concen: 33.005 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion:	146	Resp:	550579
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
75	31.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 32.133 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

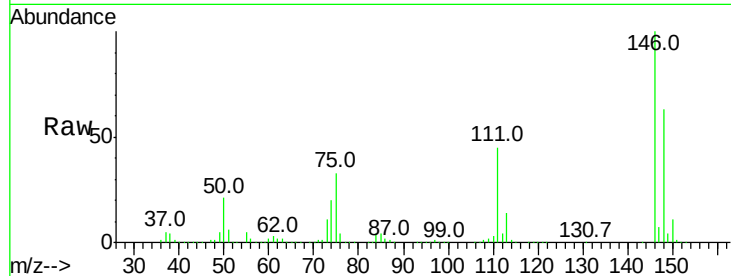
ClientSampleId :

FK-GF-02-011-AMS

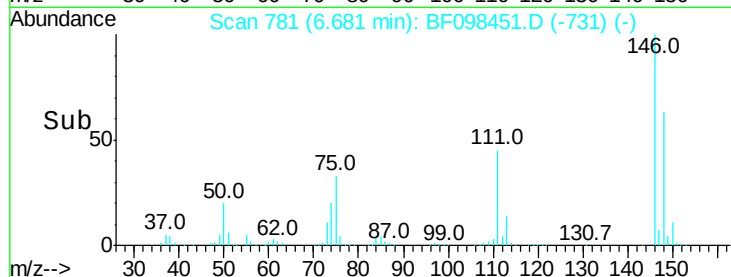
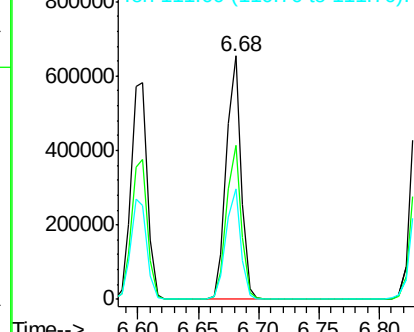
Tot Ion:	146	Resp:	549068
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.2
111	45.3	30.3	45.5

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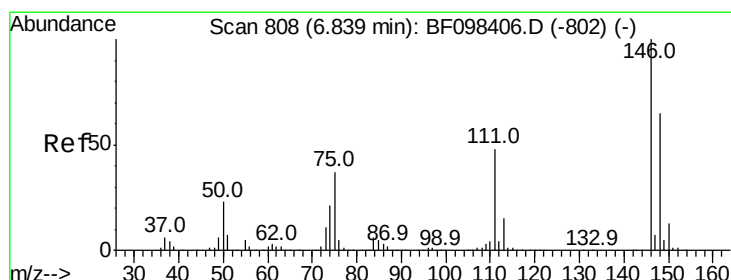


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 32.566 ng

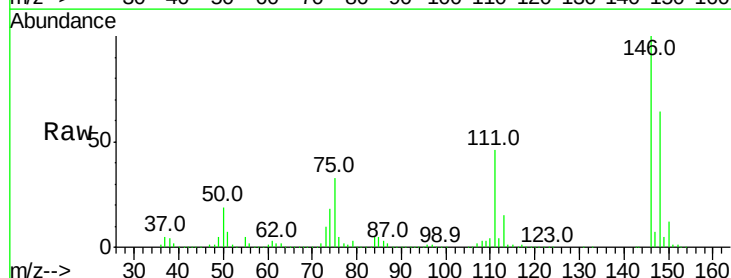
RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

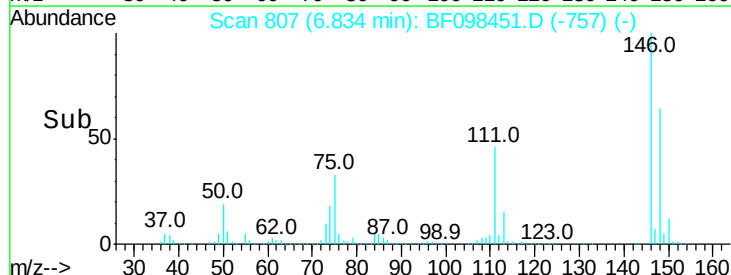
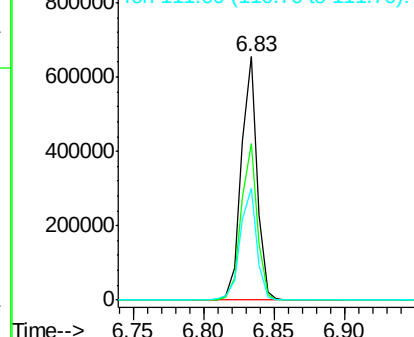
Lab File: BF098451.D

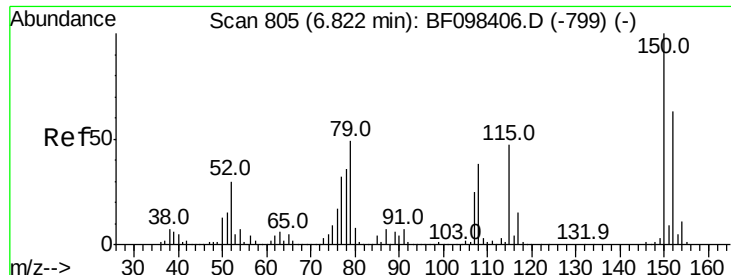
Acq: 12 Sep 2017 15:40

Tgt Ion:	146	Resp:	506968
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.4	75.6
111	45.8	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





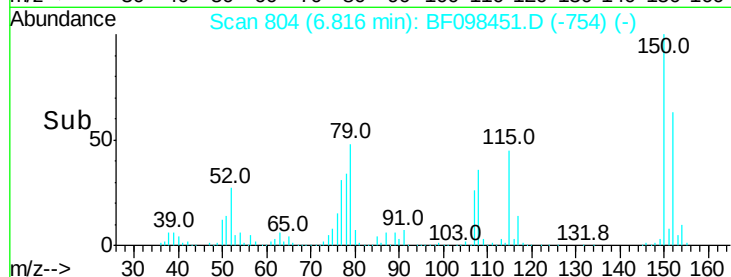
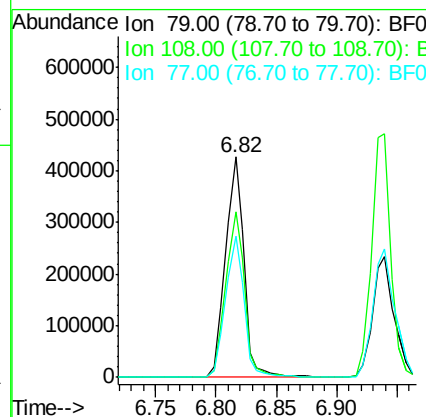
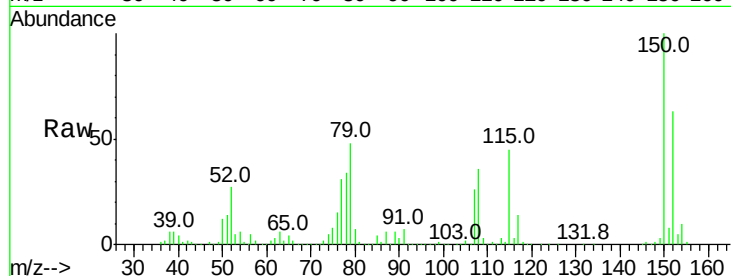
#15
Benzyl Alcohol
Concen: 35.478 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion: 79 Resp: 451844
Ion Ratio Lower Upper
79 100
108 74.9 63.4 95.0
77 64.2 49.2 73.8

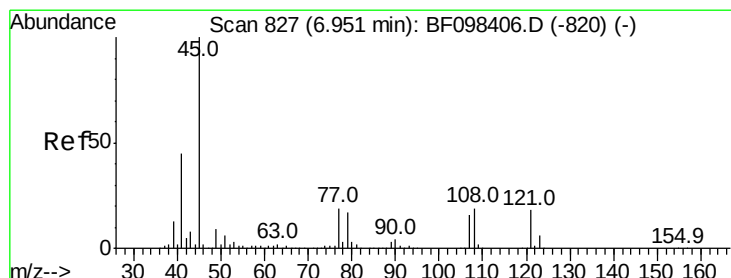
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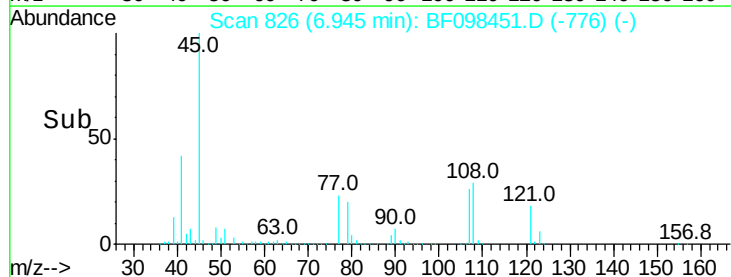
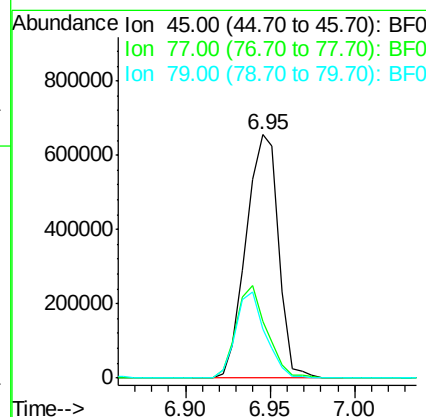
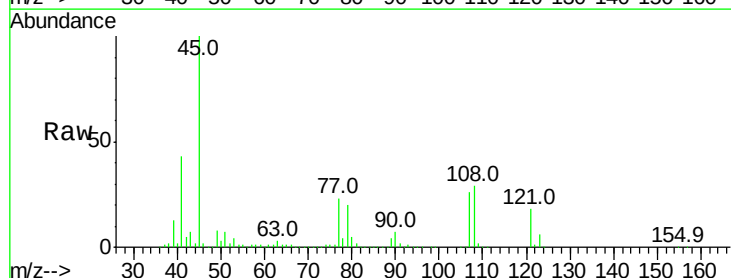
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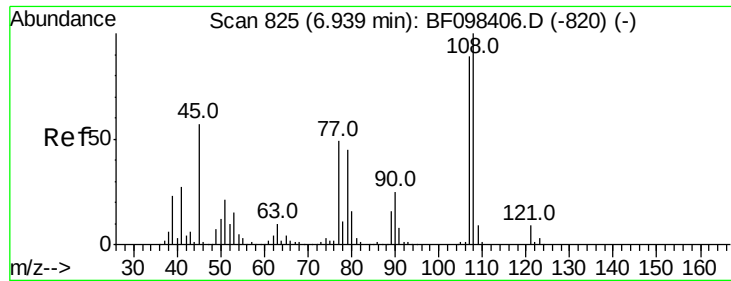
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.816 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion: 45 Resp: 877305
Ion Ratio Lower Upper
45 100
77 23.3 0.0 33.2
79 20.3 0.0 30.0





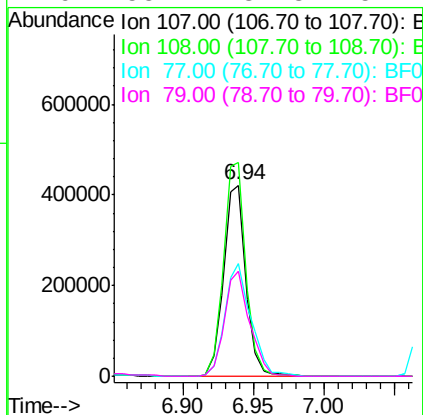
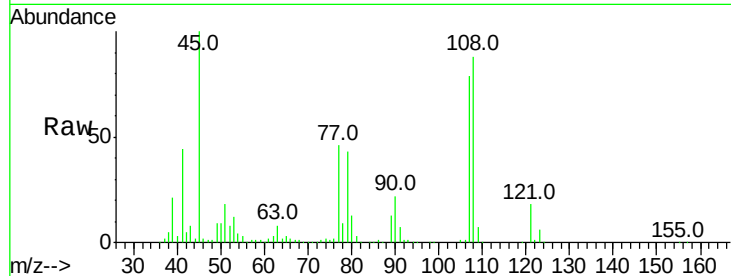
#17
2-Methylphenol
Concen: 33.989 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	459354		
108	111.9	93.4	140.0	
77	58.8	35.8	53.6#	
79	55.2	34.8	52.2#	

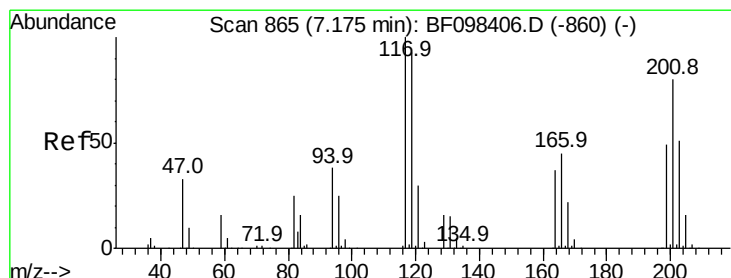
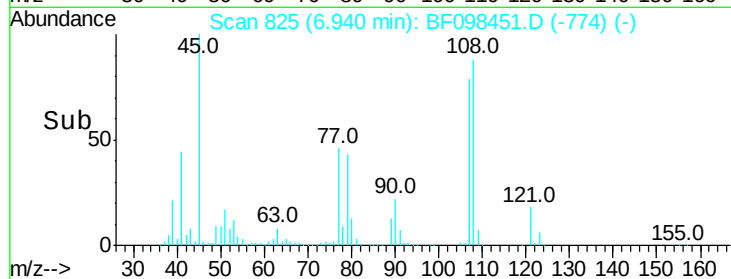
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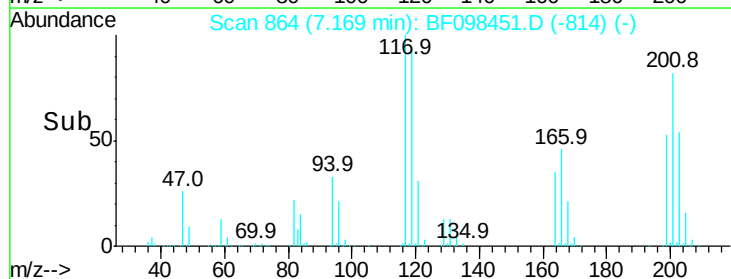
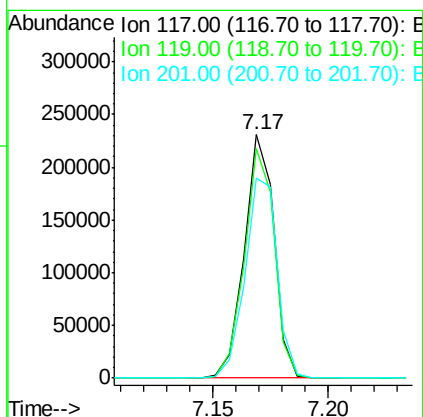
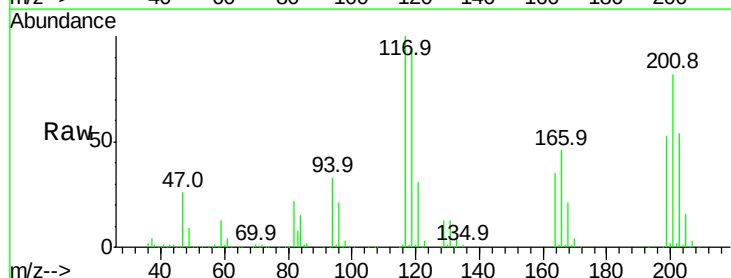
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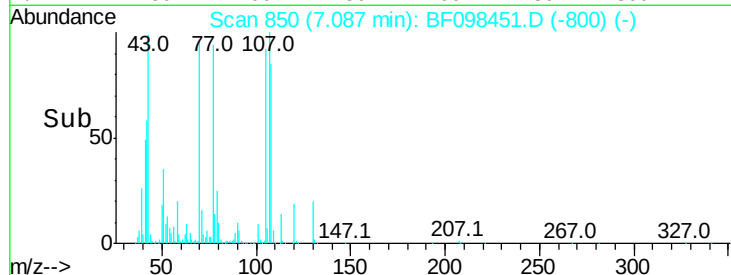
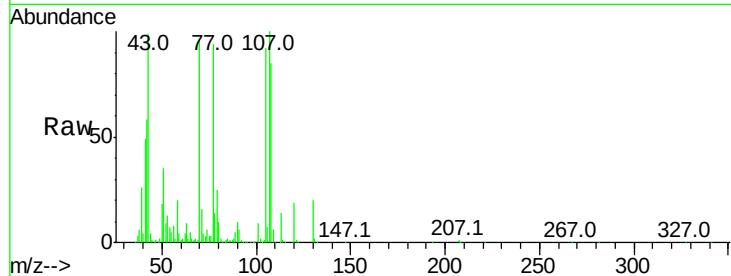
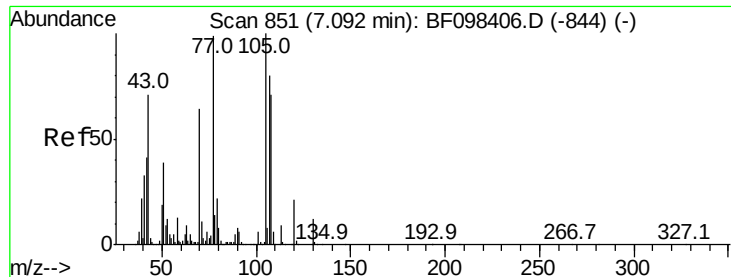
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#18
Hexachloroethane
Concen: 31.851 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	208424		
119	94.3	77.4	116.0	
201	82.3	94.6	141.8#	





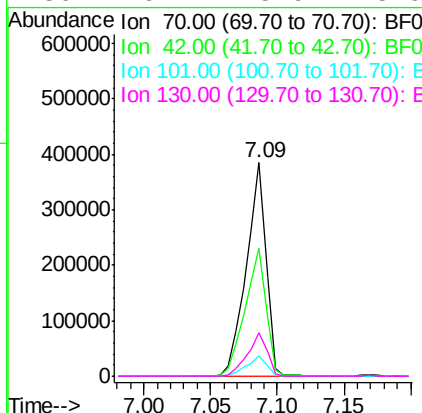
#19
n-Nitroso-di-n-propylamine
Concen: 32.504 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.2	70.8
101	9.5	7.2	10.8
130	20.2	15.9	23.9

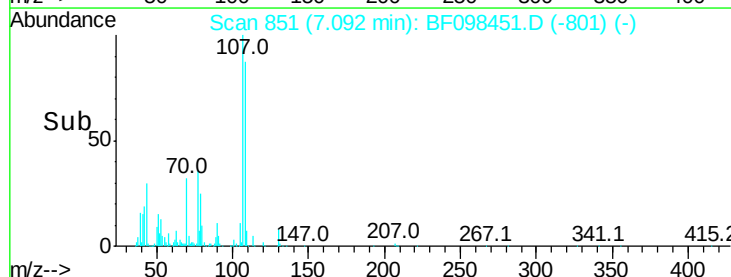
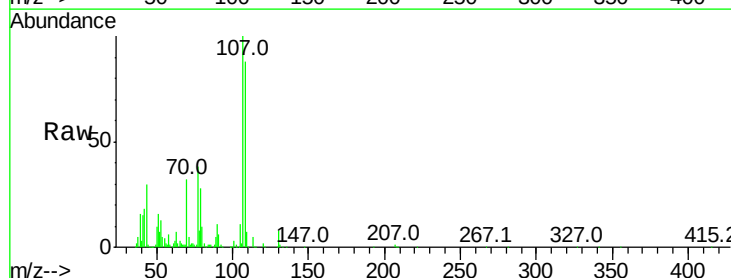
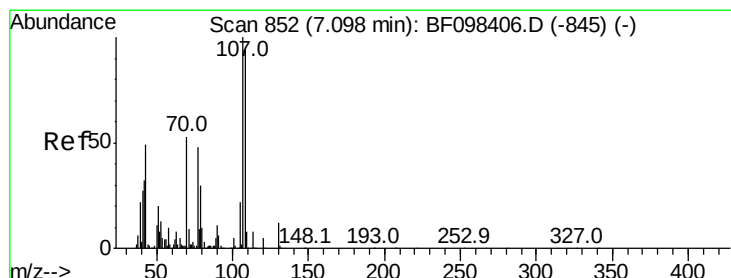
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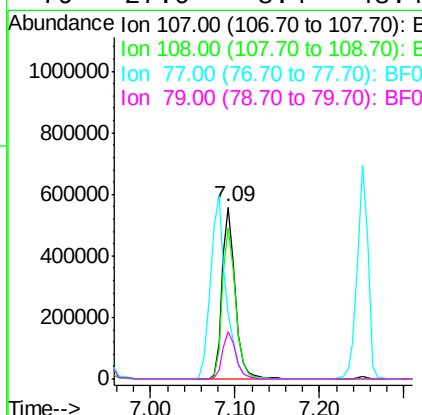
Sohil

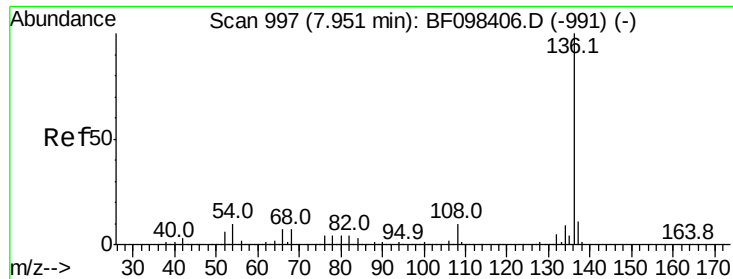
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#20
3+4-Methylphenols
Concen: 35.309 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.0	111.0
77	38.0	90.5	130.5#
79	27.9	8.4	48.4





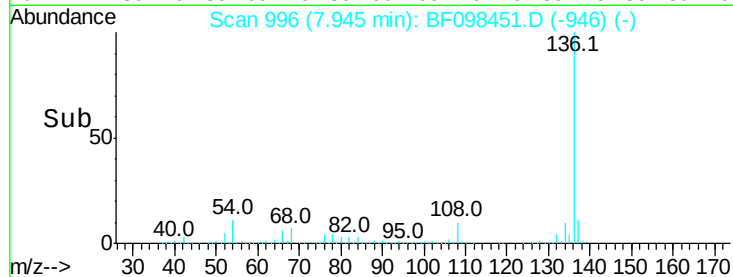
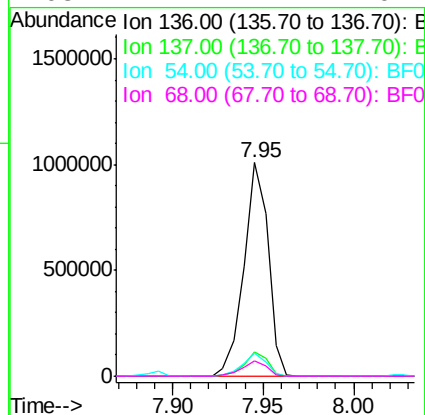
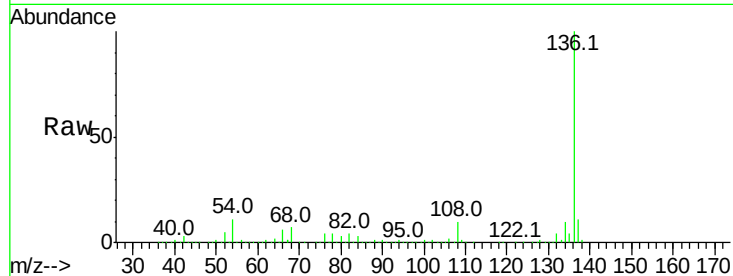
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	10.5	4.9	7.3#	
68	7.4	4.1	6.1#	

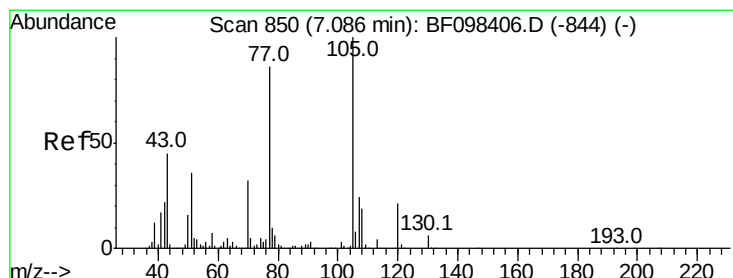
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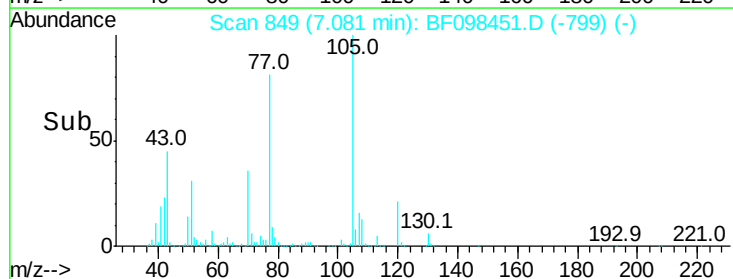
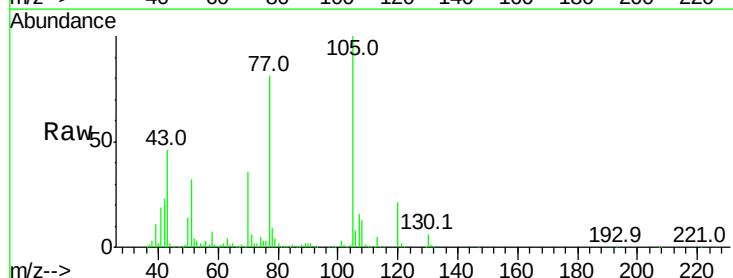
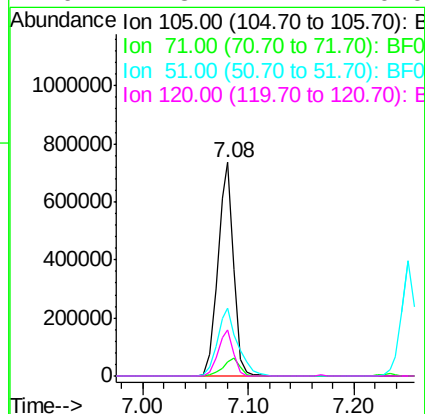
Sohil

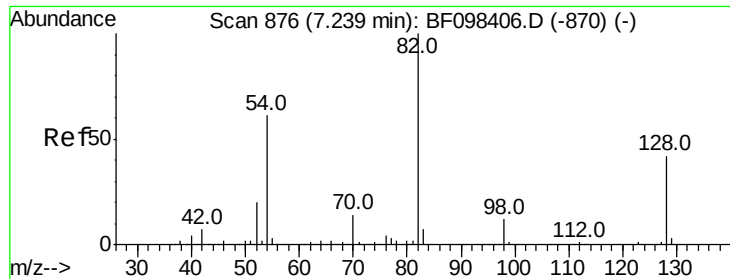
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#22
Acetophenone
Concen: 31.765 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	2.8	4.2#	
51	31.5	30.7	46.1	
120	21.3	17.4	26.0	





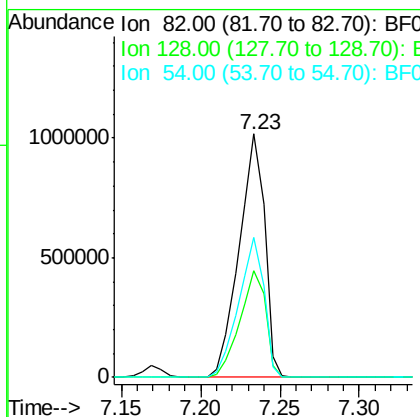
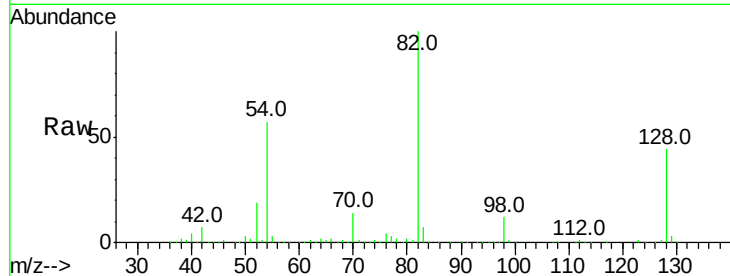
#23
Nitrobenzene-d5
Concen: 67.127 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion: 82 Resp: 1132780
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 57.3 42.2 63.2

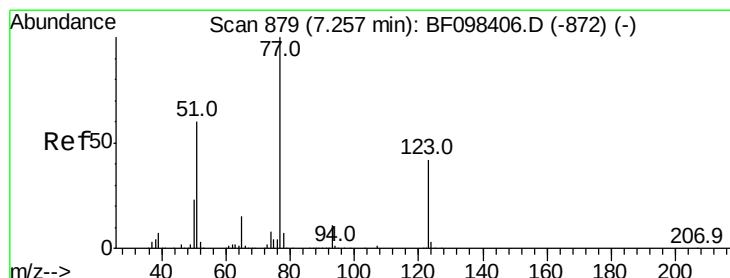
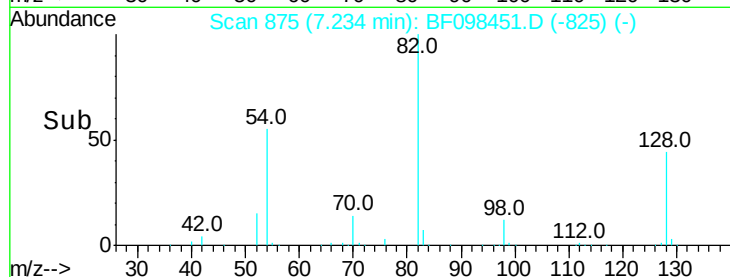
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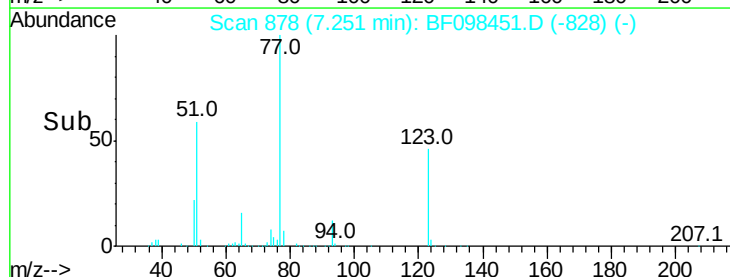
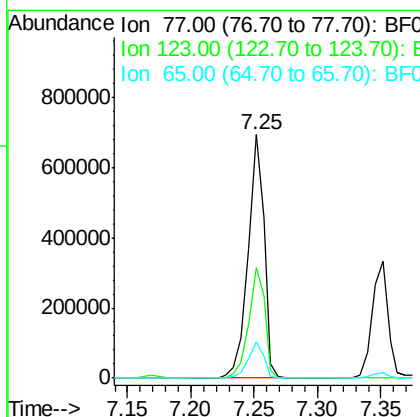
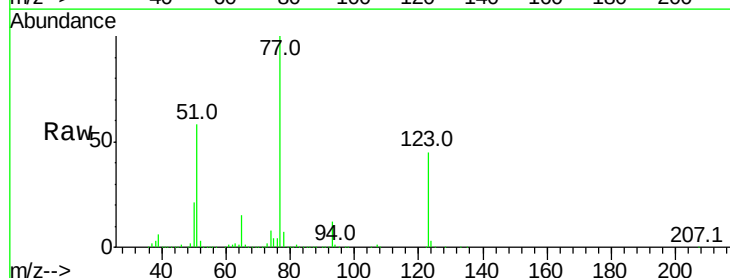
Sohil

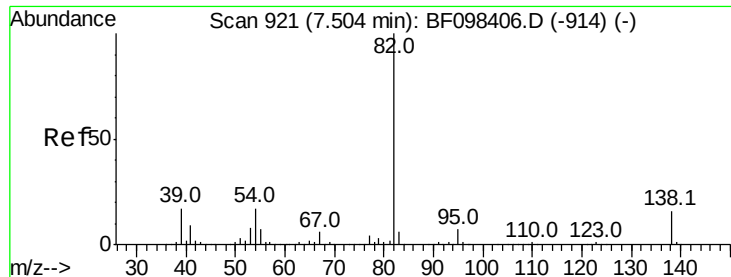
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#24
Nitrobenzene
Concen: 31.653 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion: 77 Resp: 608428
Ion Ratio Lower Upper
77 100
123 45.5 35.8 53.8
65 14.9 10.6 15.8





#25

Isophorone

Concen: 31.721 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion: 82 Resp: 1083041

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

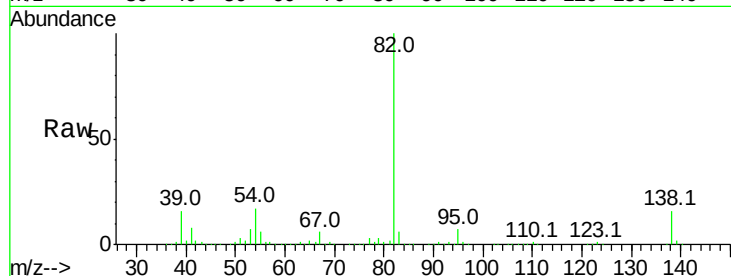
138 16.5 13.1 19.7

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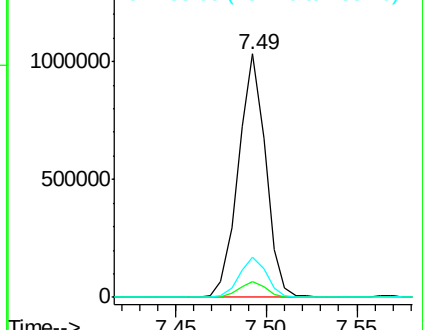
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Abundance Ion 82.00 (81.70 to 82.70): BF0

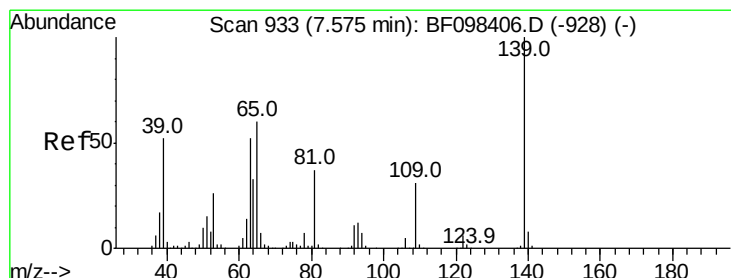
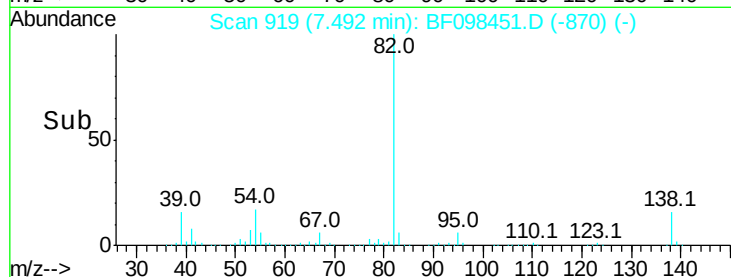
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



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#26

2-Nitrophenol

Concen: 36.937 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

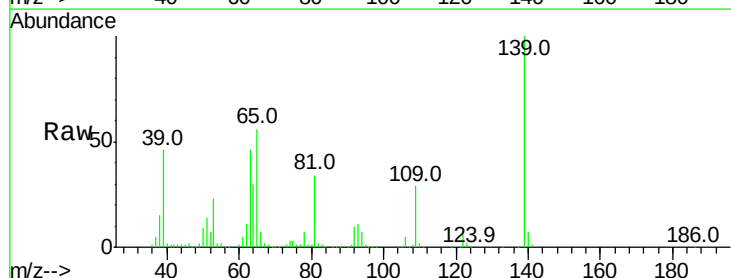
Tgt Ion: 139 Resp: 286667

Ion Ratio Lower Upper

139 100

109 29.0 21.0 31.6

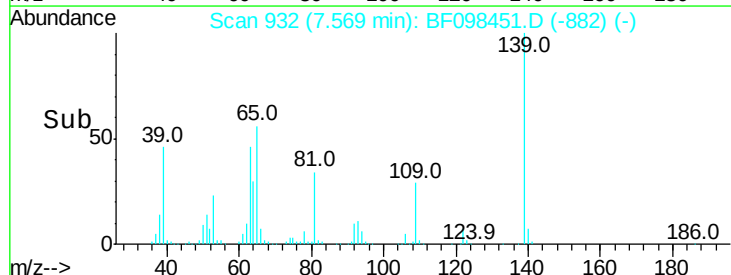
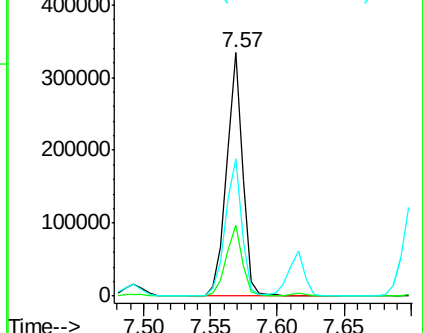
65 56.4 33.0 49.6#

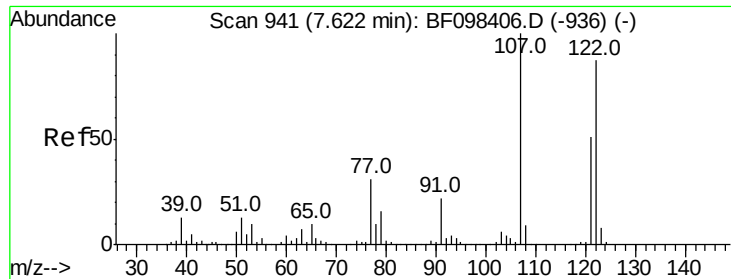


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





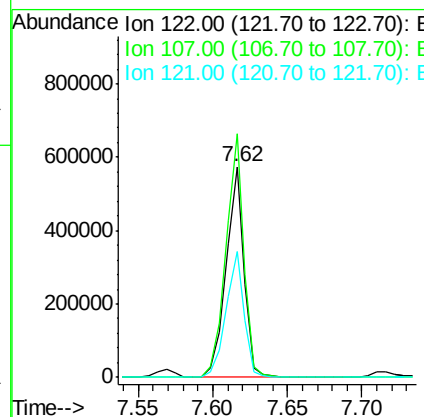
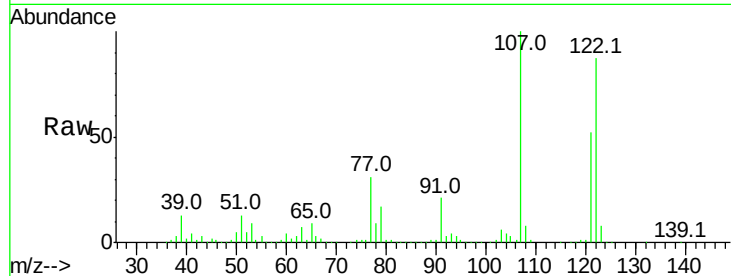
#27
2,4-Dimethylphenol
Concen: 33.106 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		489792		
107	115.4	89.2		133.8	
121	59.5	45.2		67.8	

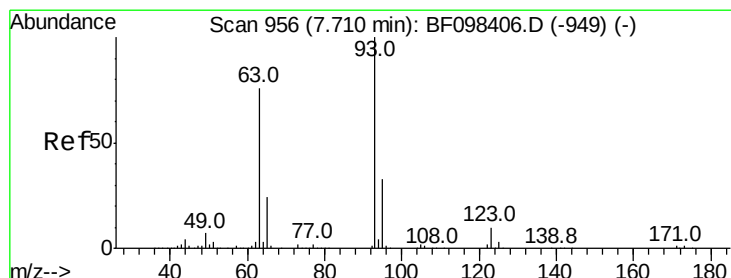
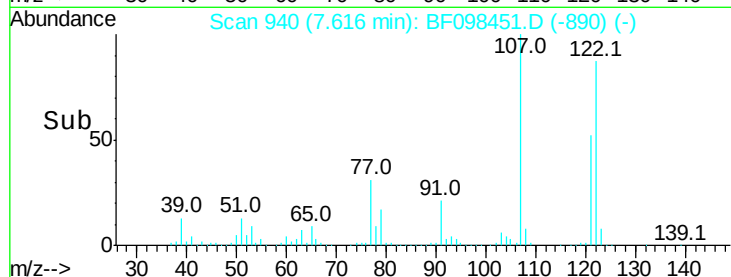
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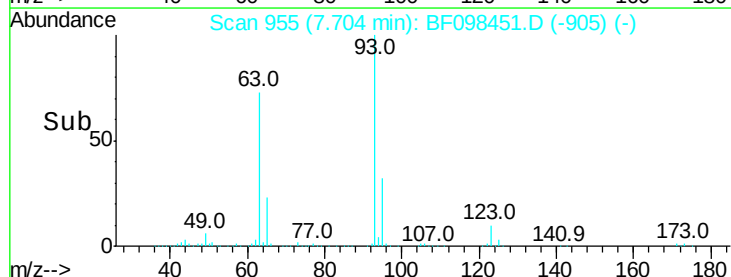
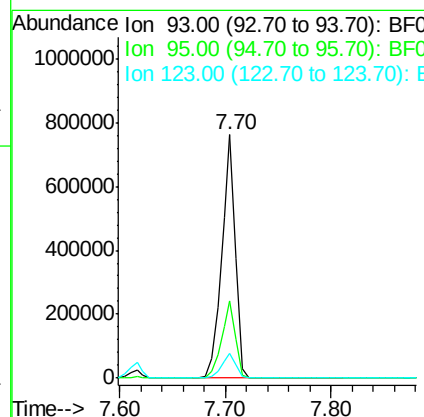
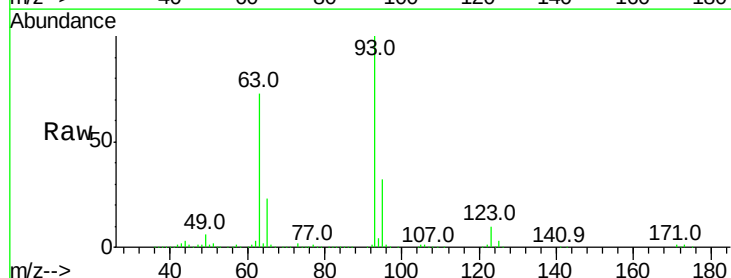
Sohil

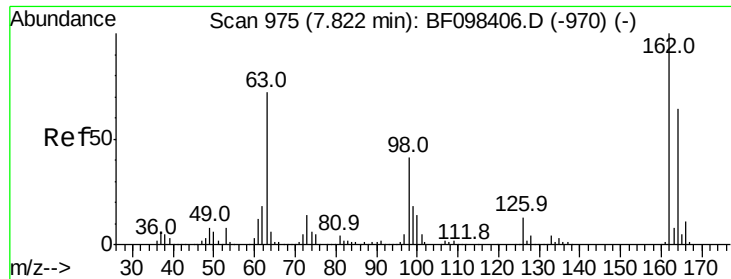
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#28
bis(2-Chloroethoxy)methane
Concen: 33.435 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		696576		
95	31.8	26.5		39.7	
123	10.3	9.0		13.4	





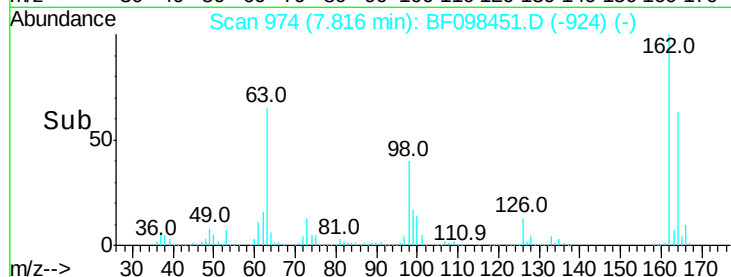
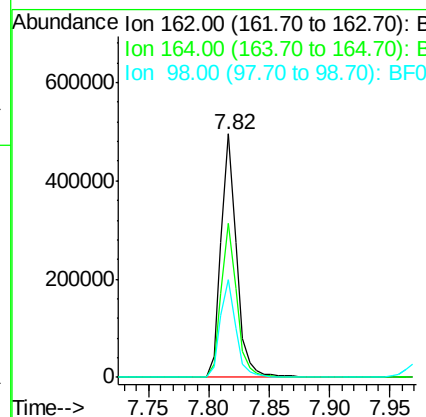
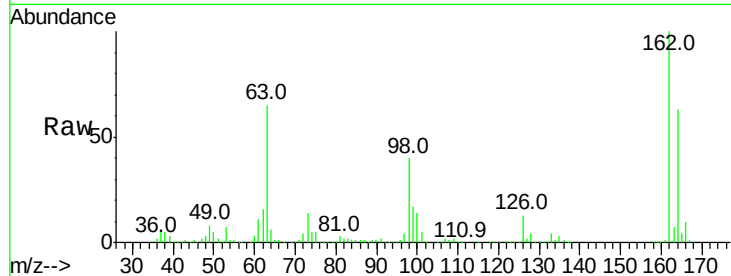
#29
2,4-Dichlorophenol
Concen: 35.438 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	44.6	84.6
98	40.0	14.8	54.8

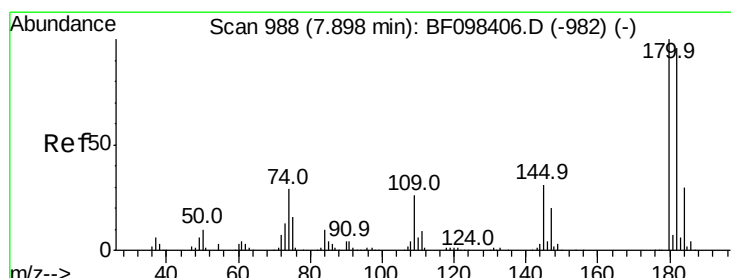
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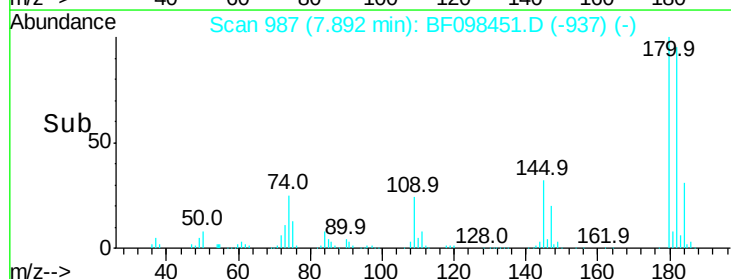
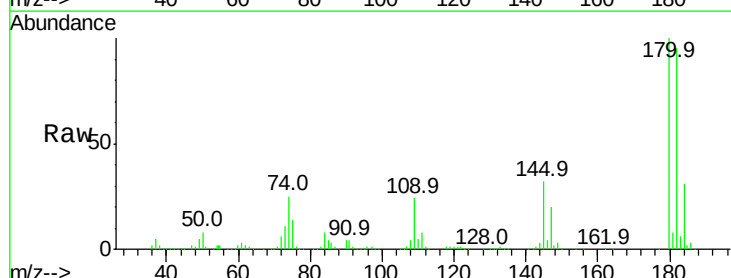
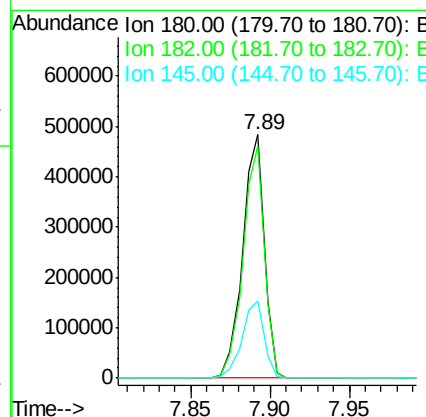
Sohil

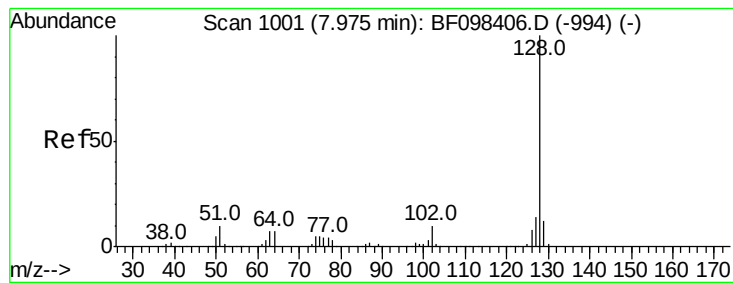
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#30
1,2,4-Trichlorobenzene
Concen: 34.096 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	75.8	113.6
145	31.5	25.3	37.9





#31

Naphthalene

Concen: 33.314 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:128 Resp: 1549377

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

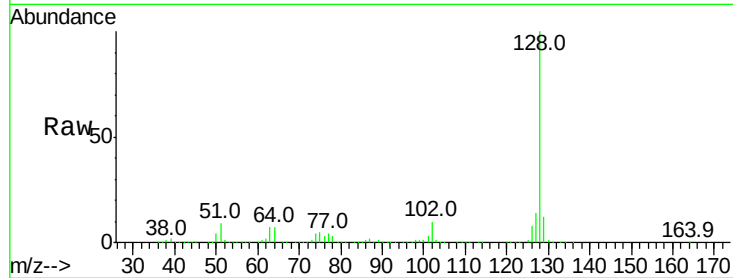
127 13.8 10.8 16.2

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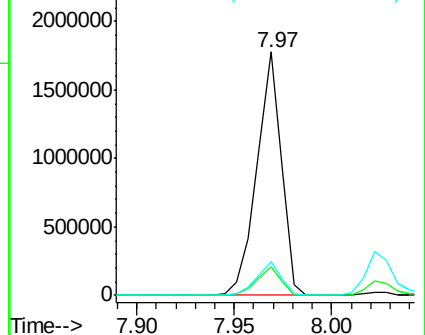
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Abundance Ion 128.00 (127.70 to 128.70): E

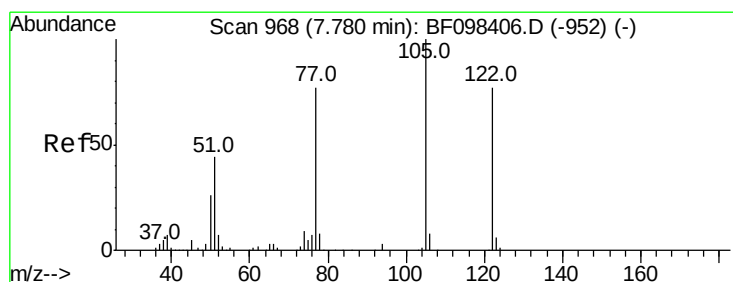
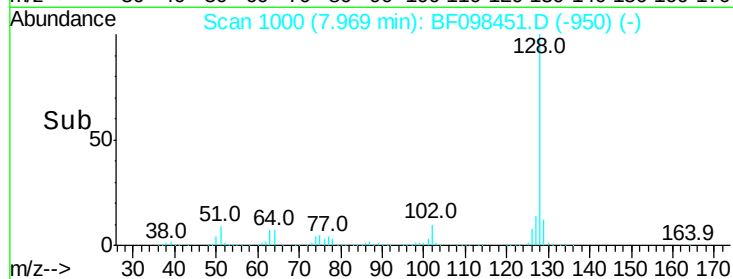
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 9.535 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.06 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

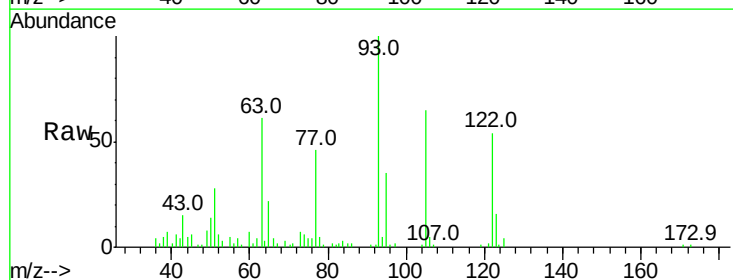
Tgt Ion:122 Resp: 18625

Ion Ratio Lower Upper

122 100

105 118.9 103.3 143.3

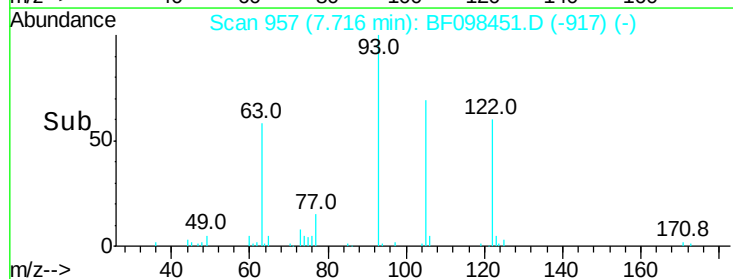
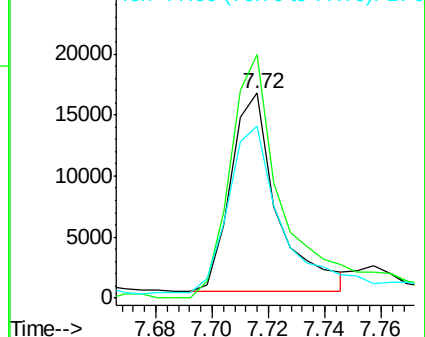
77 83.9 73.7 113.7

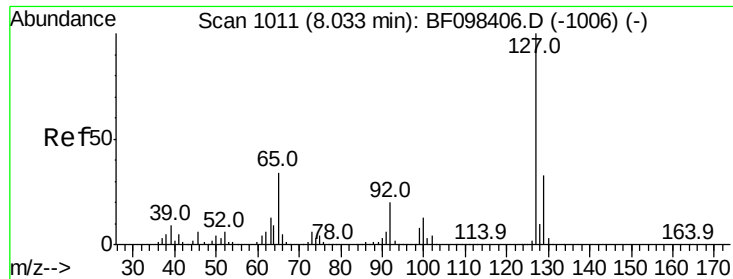


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





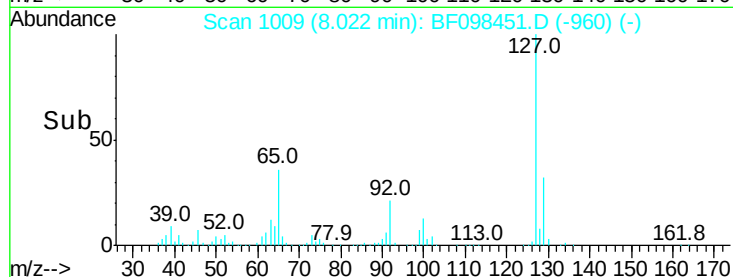
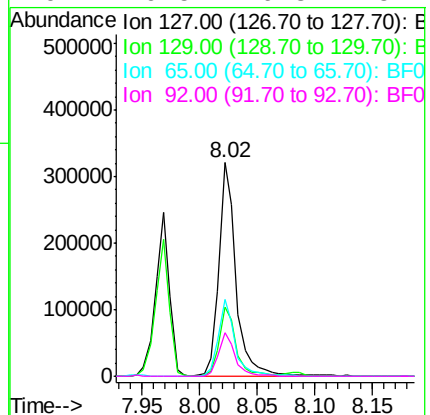
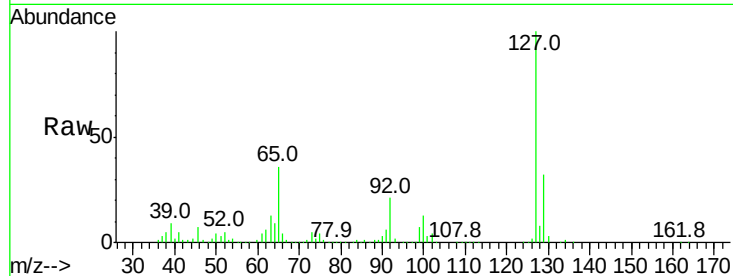
#33
4-Chloroaniline
Concen: 17.329 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.2	
65	36.0	27.8	41.8	
92	20.5	16.8	25.2	

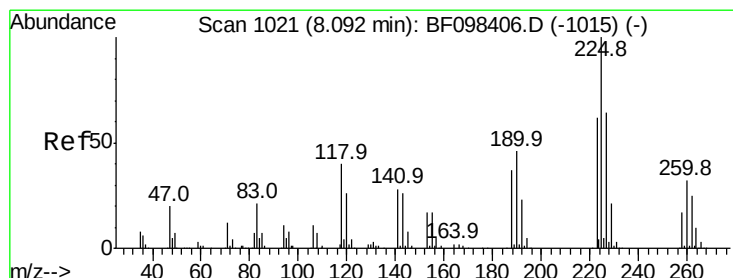
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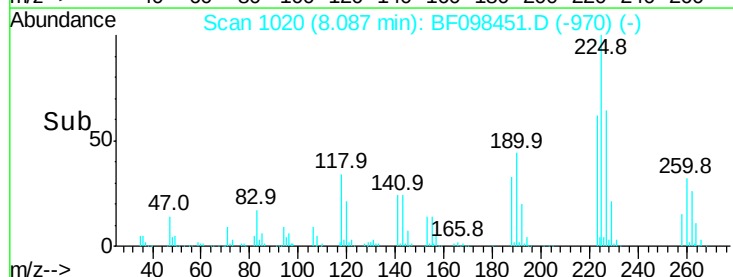
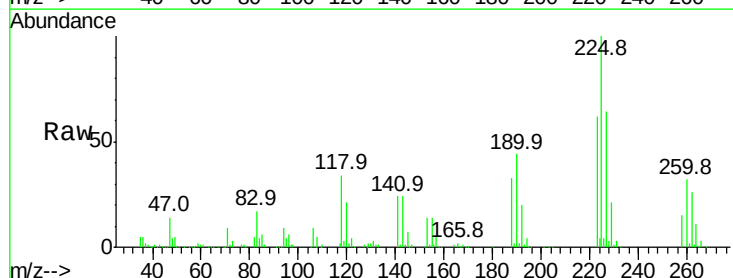
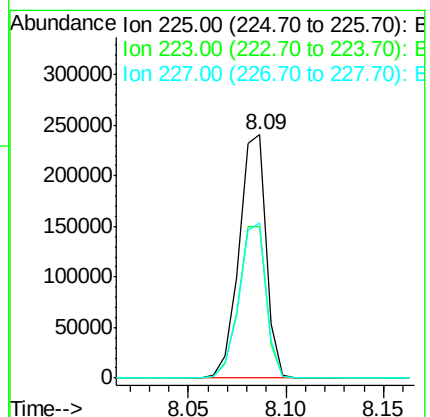
Sohil

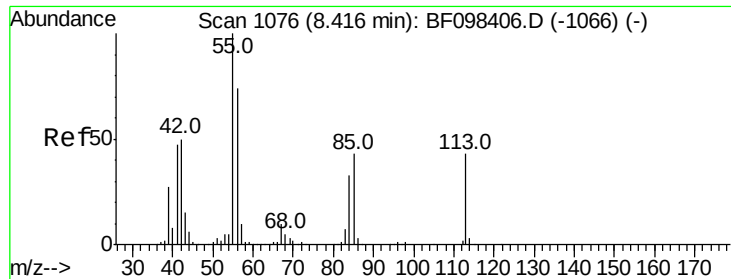
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#34
Hexachlorobutadiene
Concen: 33.603 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	48.8	73.2	
227	63.6	51.1	76.7	





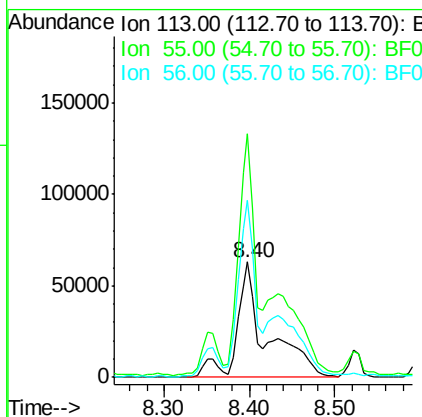
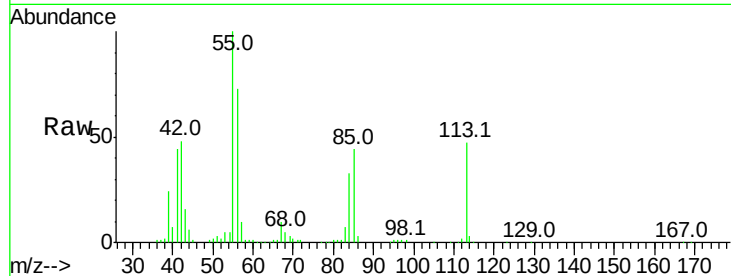
#35
 Caprolactam
 Concen: 36.635 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion: 113 Resp: 155444
 Ion Ratio Lower Upper
 113 100
 55 211.7 150.2 190.2#
 56 154.1 107.8 147.8#

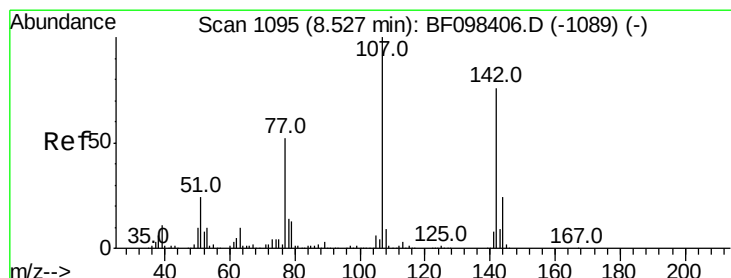
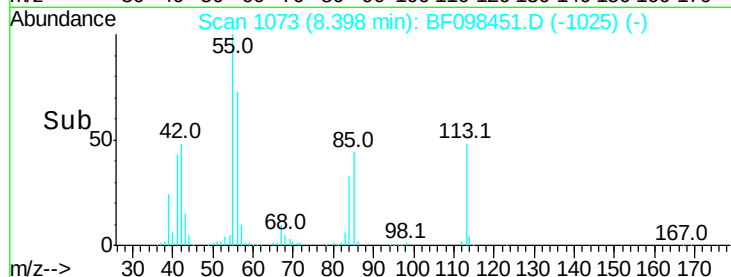
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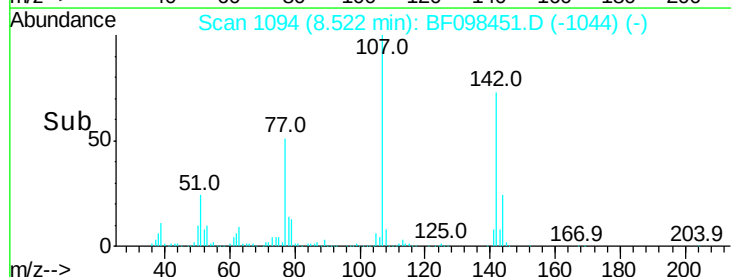
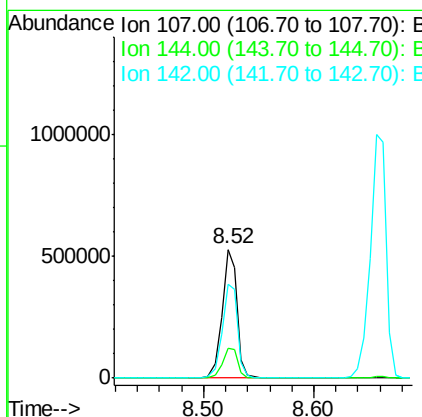
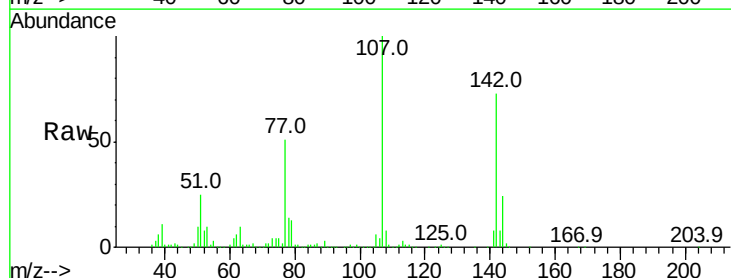
Sohil

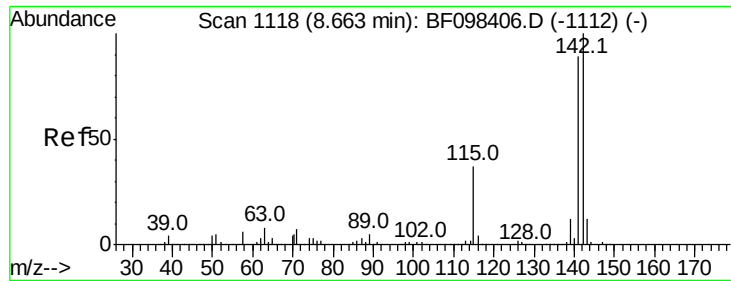
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#36
 4-Chloro-3-methylphenol
 Concen: 32.604 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion: 107 Resp: 497531
 Ion Ratio Lower Upper
 107 100
 144 23.6 24.2 36.4#
 142 72.6 73.4 110.0#





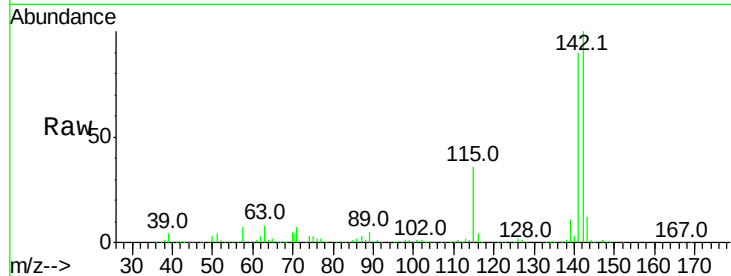
#37
2-Methylnaphthalene
Concen: 36.072 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

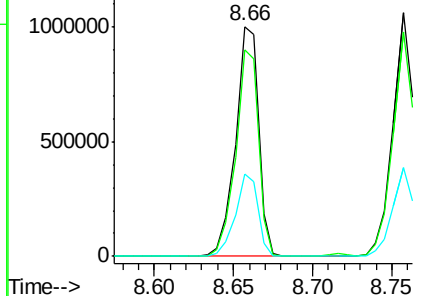
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	35.7	27.1	40.7

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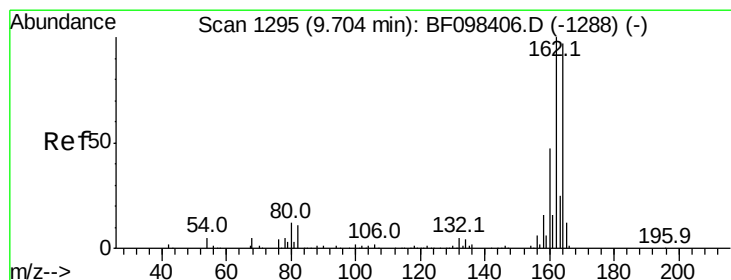
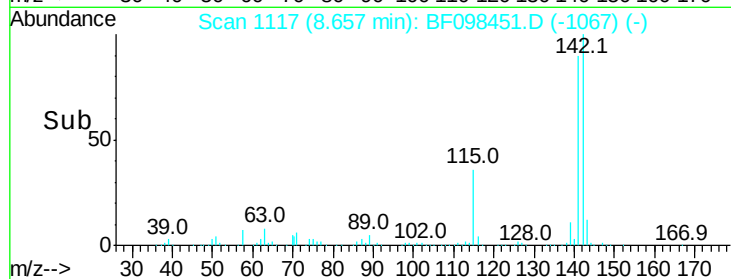


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



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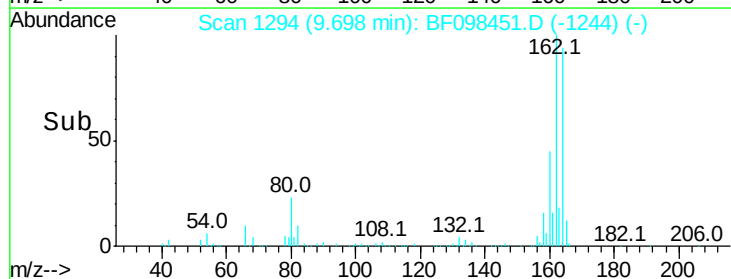
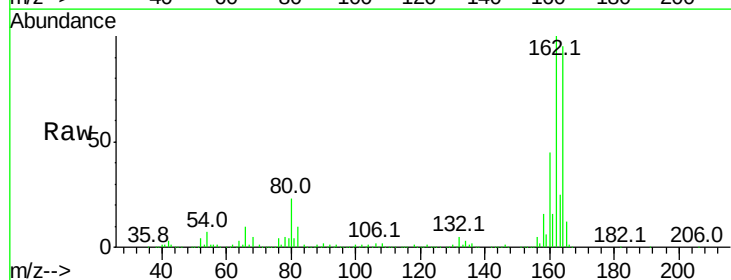
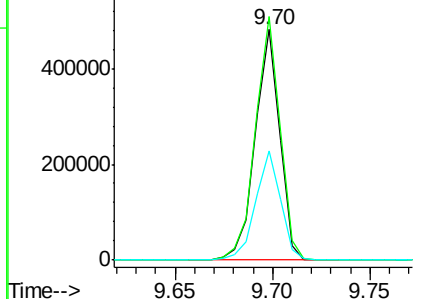
9/13/2017 4:59:58 PM

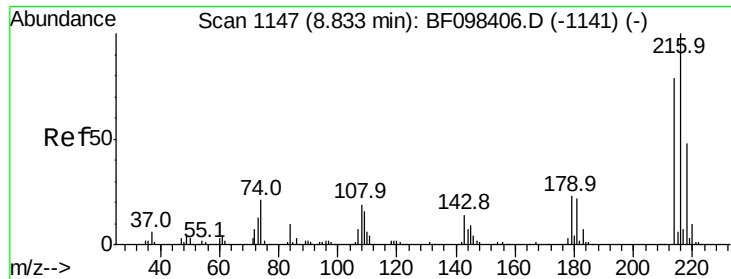


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	47.4	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





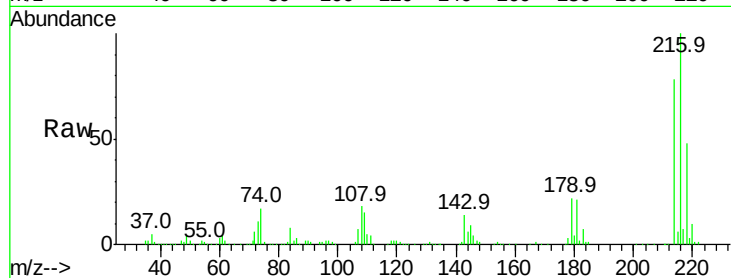
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.888 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

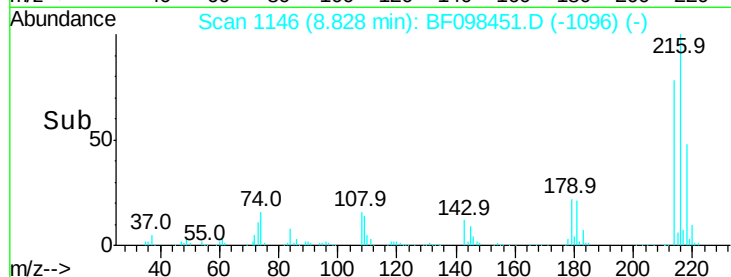
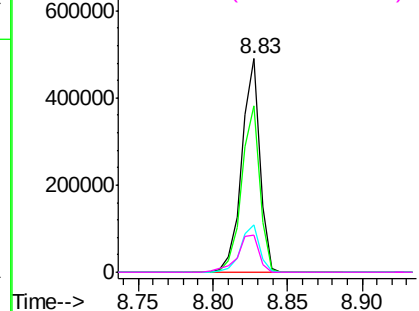
Tot Ion	Ratio	Resp	Lower	Upper
216	100	416425		
214	78.7	63.4	95.2	
179	23.1	17.9	26.9	
108	20.8	16.5	24.7	

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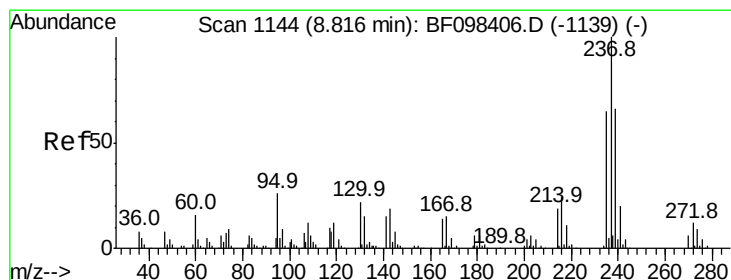


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



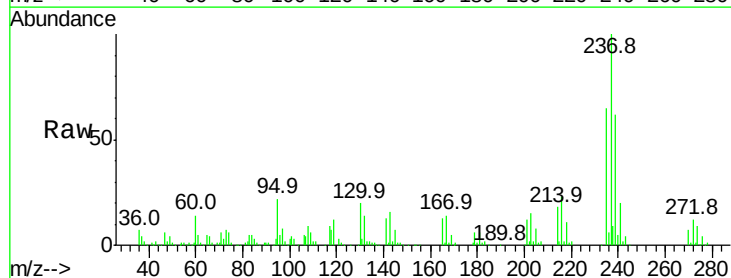
Sohil

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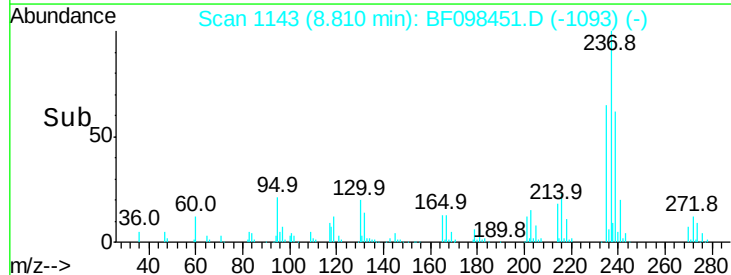
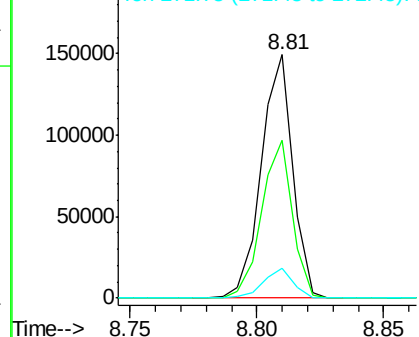


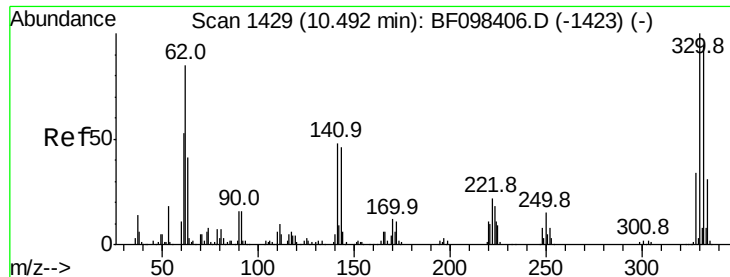
#40
 Hexachlorocyclopentadiene
 Concen: 39.368 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	128782		
235	64.6	42.6	82.6	
272	12.3	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





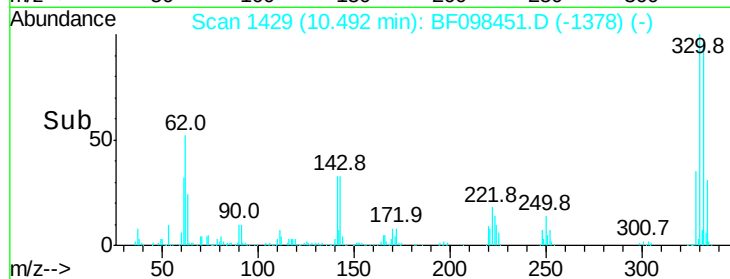
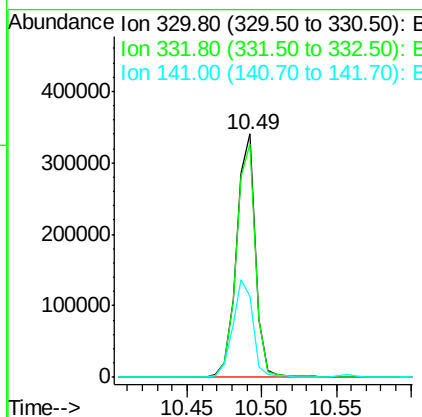
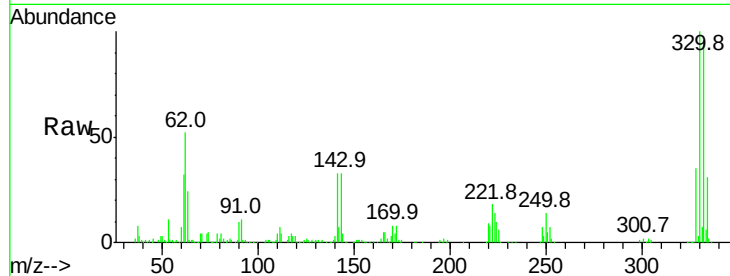
#41
 2,4,6-Tribromophenol
 Concen: 109.015 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.6	115.0	
141	43.0	31.4	47.2	

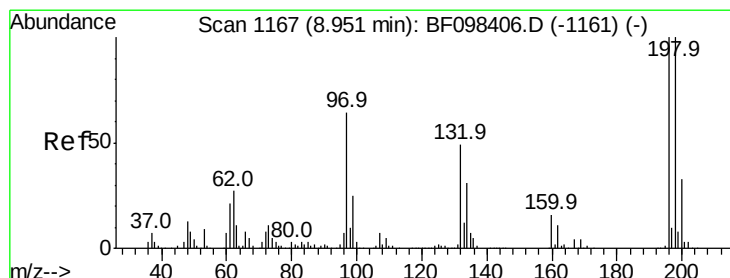
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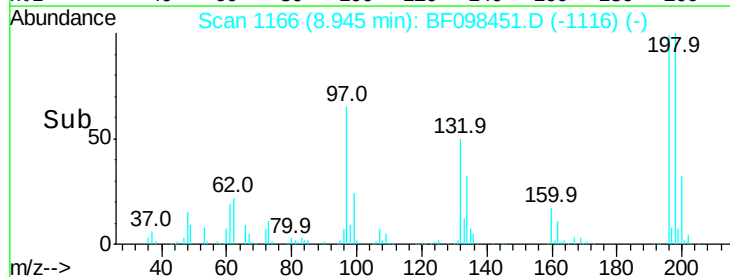
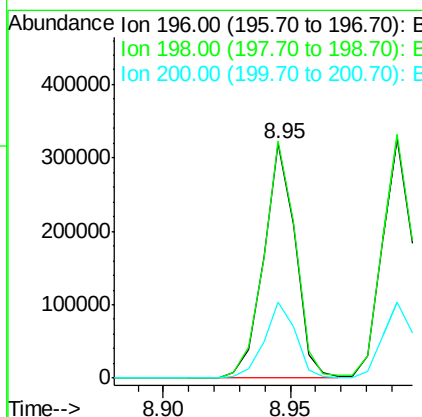
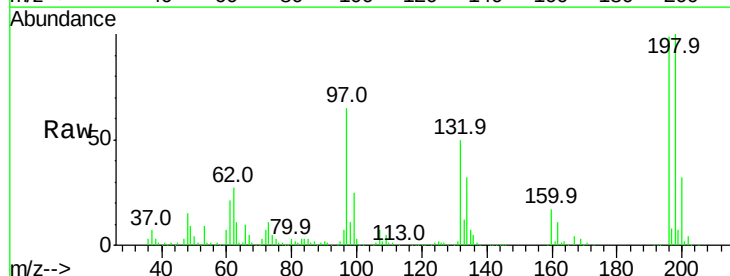
Sohil

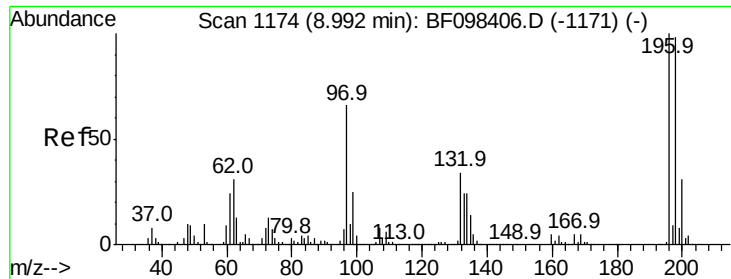
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#42
 2,4,6-Trichlorophenol
 Concen: 36.060 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	74.2	111.4	
200	32.5	24.0	36.0	





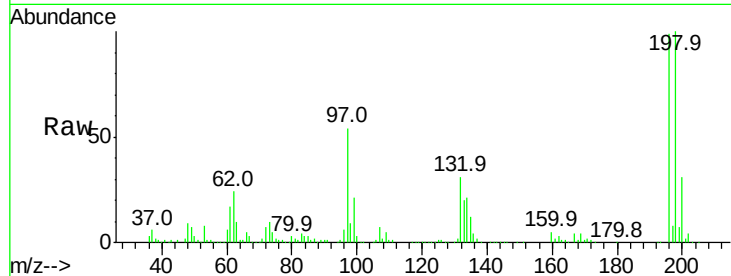
#43
 2,4,5-Trichlorophenol
 Concen: 36.249 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

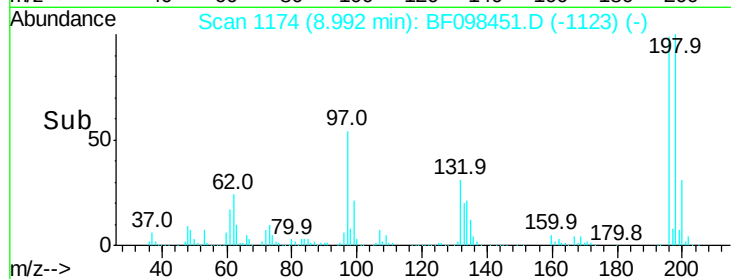
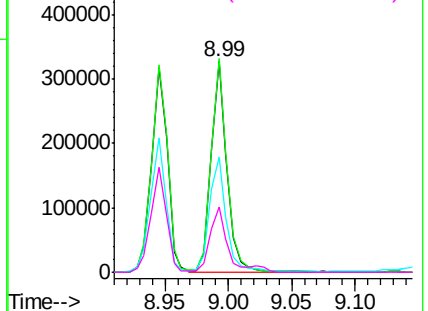
Tot Ion:	196	Resp:	290624
Ion Ratio	Lower	Upper	
196	100		
198	101.3	75.7	113.5
97	54.9	47.7	71.5
132	31.3	28.0	42.0

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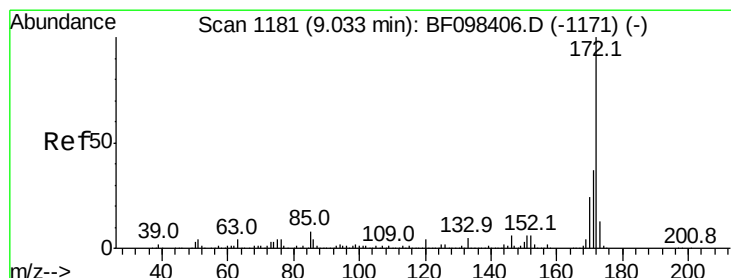


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



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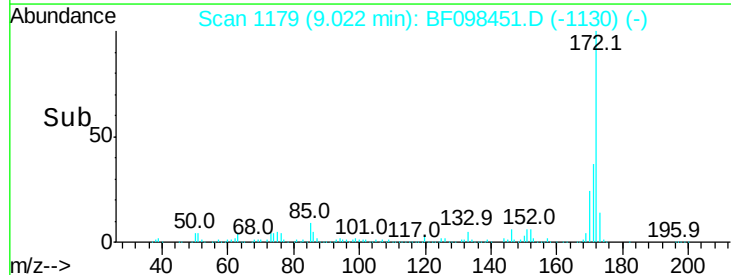
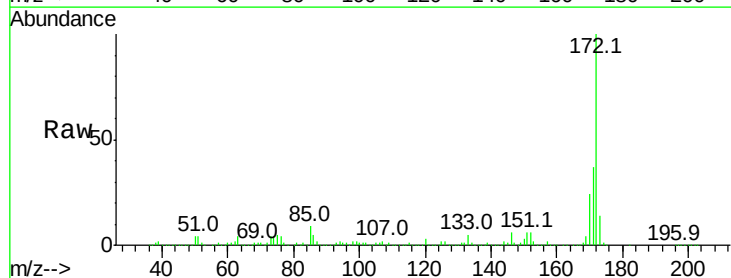
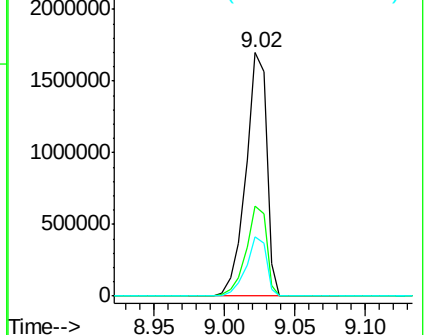
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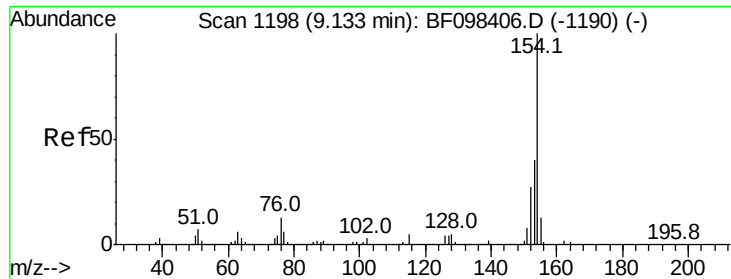


#44
 2-Fluorobiphenyl
 Concen: 71.035 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion:	172	Resp:	1757054
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.6	44.4
170	24.1	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 31.715 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:154 Resp: 1190067

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

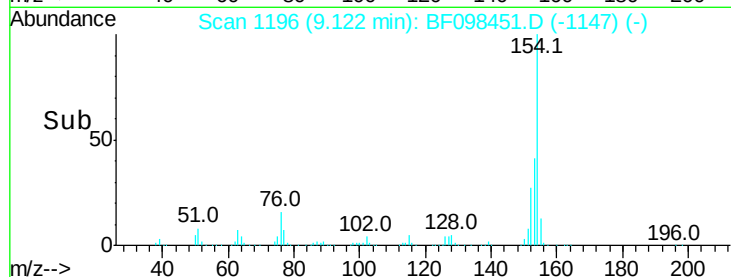
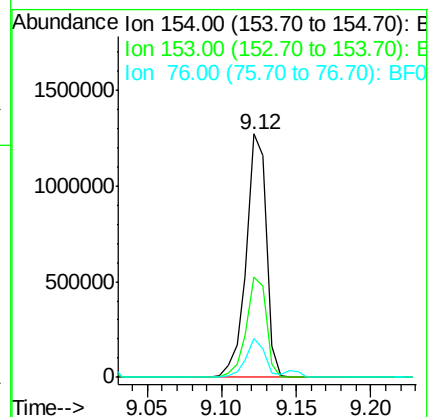
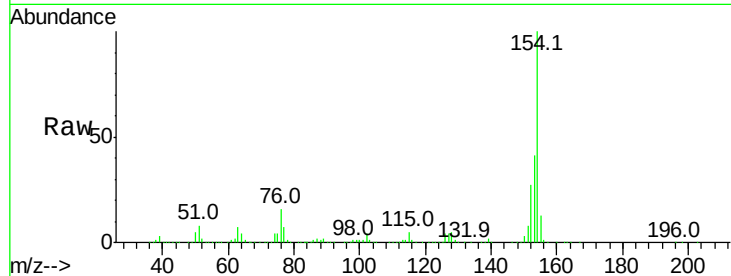
76 15.9 0.0 29.9

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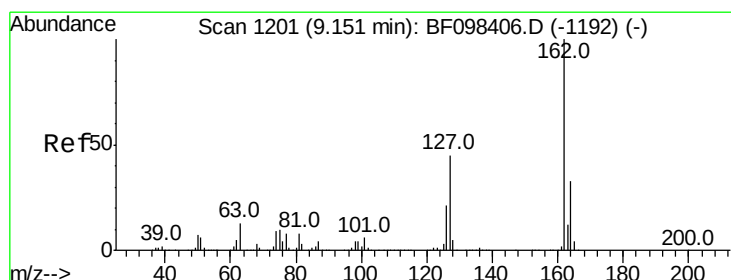
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#46

2-Chloronaphthalene

Concen: 33.574 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

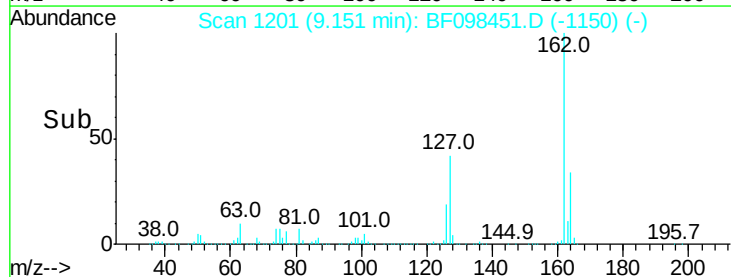
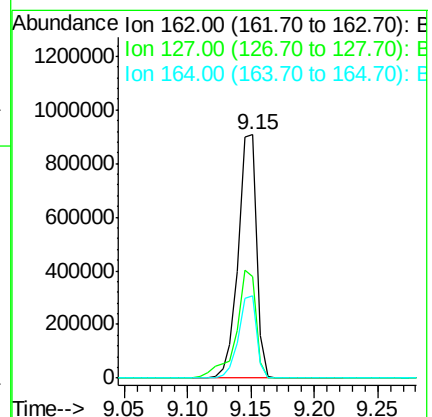
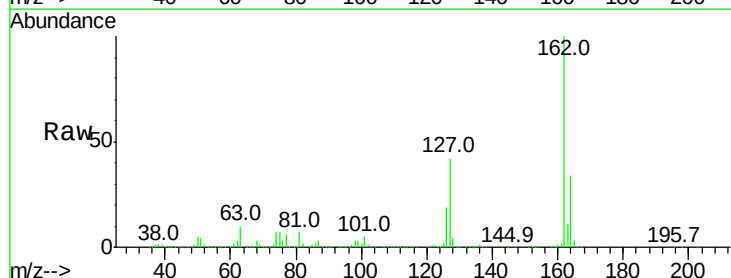
Tgt Ion:162 Resp: 899751

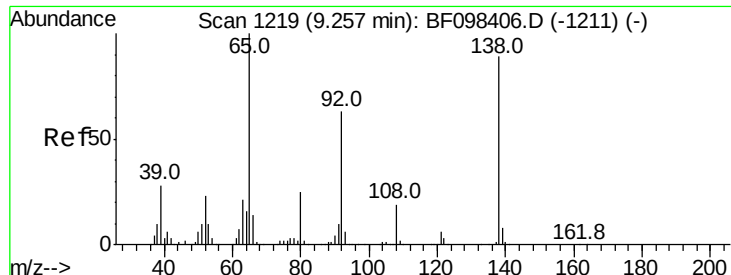
Ion Ratio Lower Upper

162 100

127 41.7 28.3 42.5

164 33.6 27.0 40.4





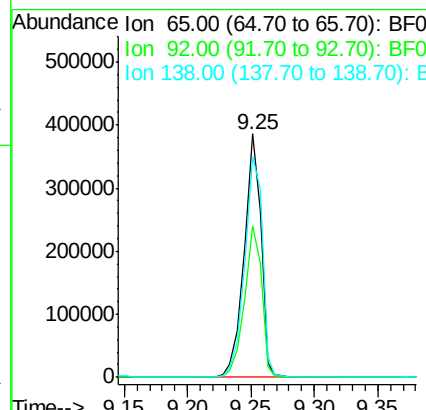
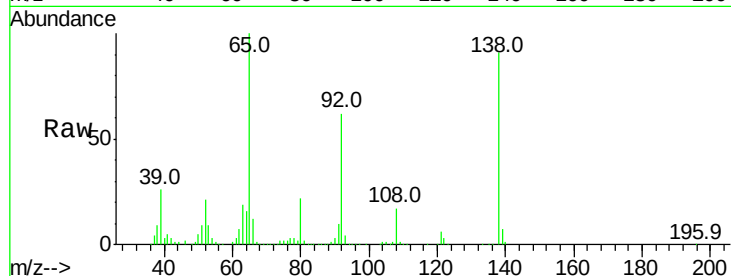
#47
2-Nitroaniline
Concen: 34.260 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	53.9	80.9
138	90.8	78.8	118.2

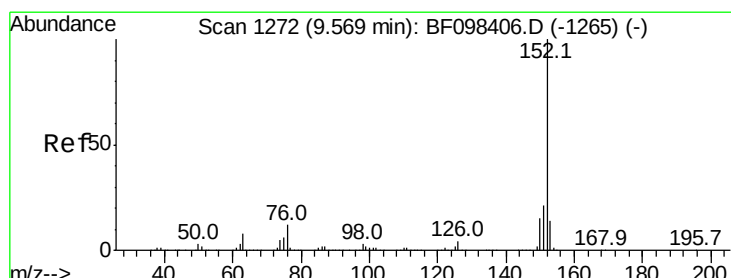
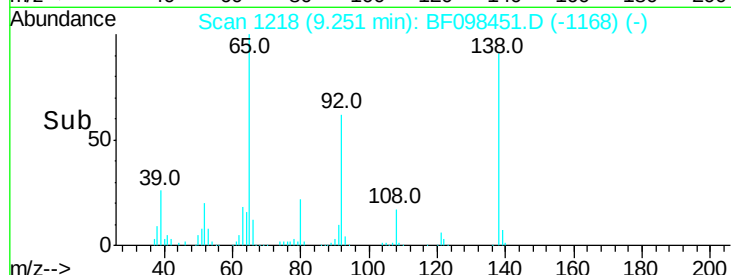
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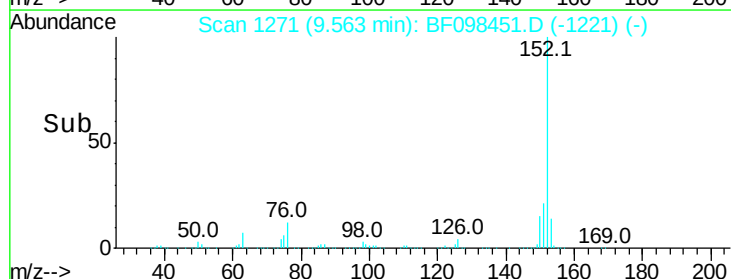
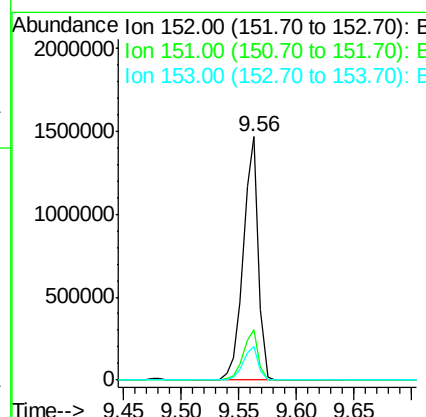
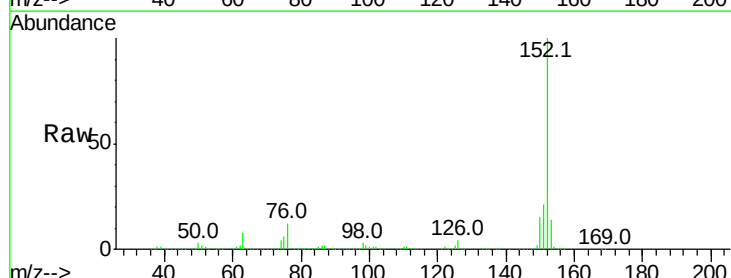
Sohil

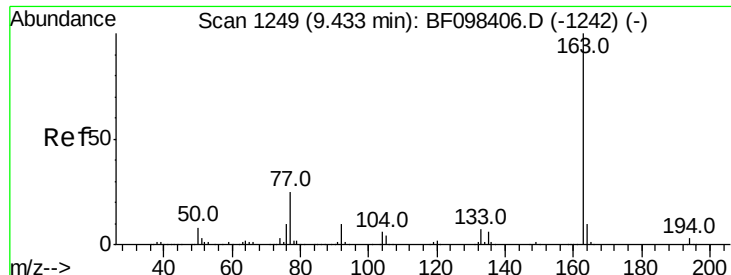
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#48
Acenaphthylene
Concen: 33.169 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.9	10.8	16.2





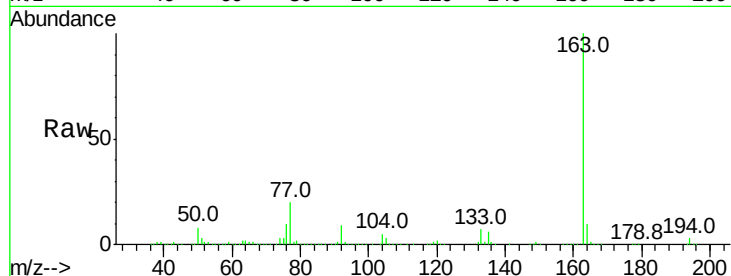
#49
Dimethylphthalate
Concen: 38.811 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

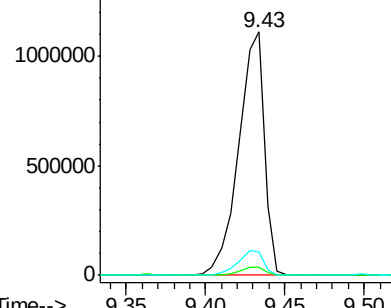
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6

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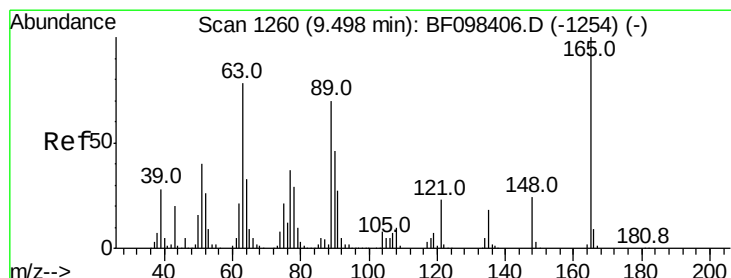


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



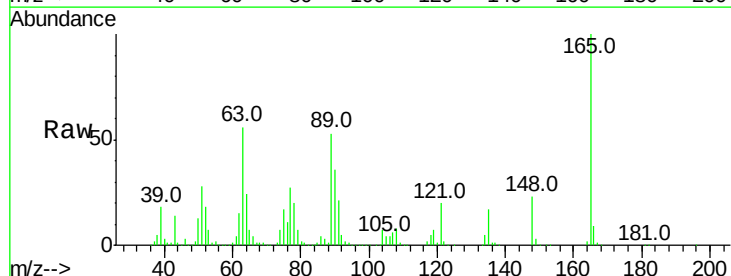
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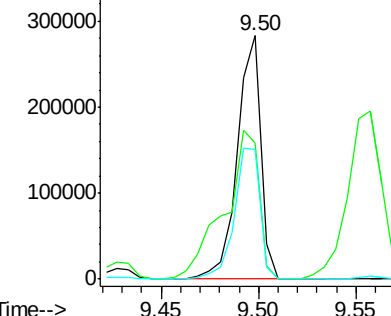


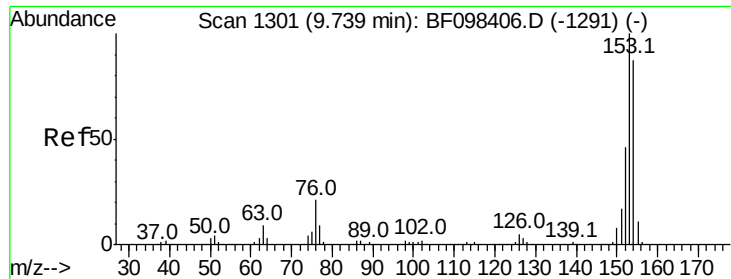
#50
2,6-Dinitrotoluene
Concen: 35.511 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.1	34.3	51.5#
89	53.1	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.465 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

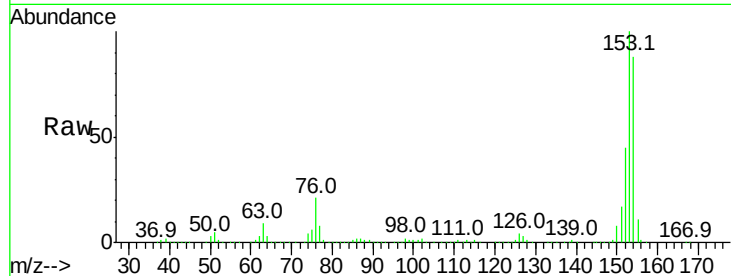
FK-GF-02-011-AMS

Tot Ion:	154	Resp:	822286
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.5	135.7
152	51.7	43.6	65.4

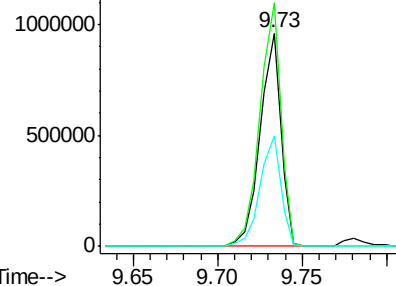
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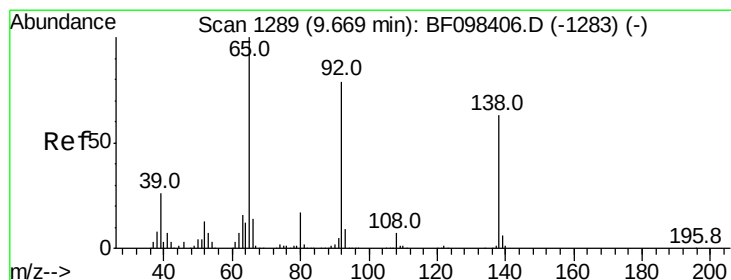
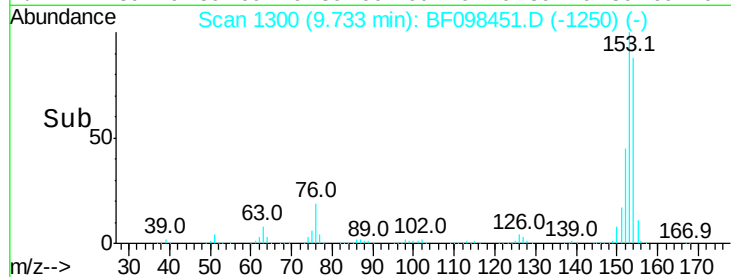


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 24.062 ng

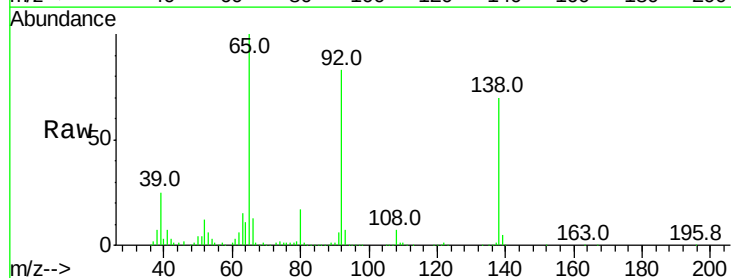
RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

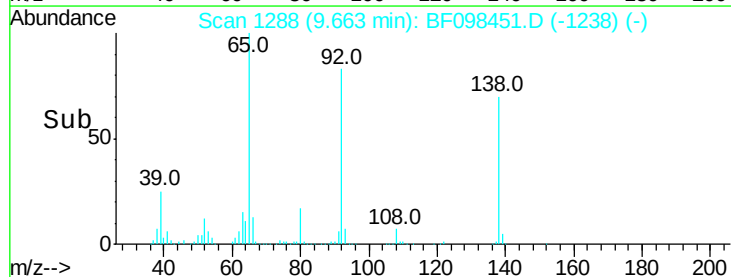
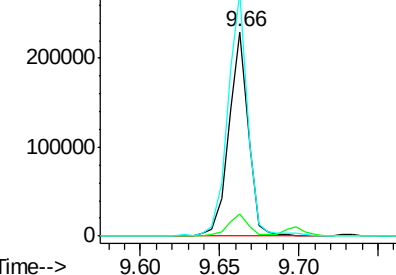
Lab File: BF098451.D

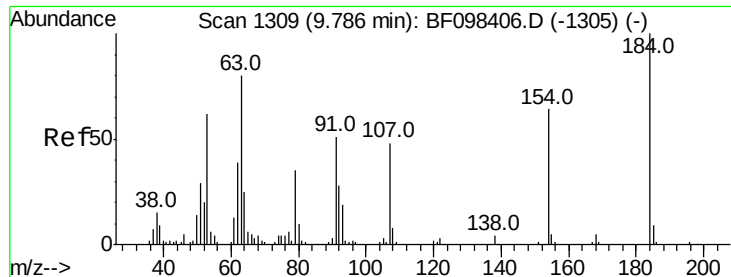
Acq: 12 Sep 2017 15:40

Tgt Ion:	138	Resp:	193621
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.1	13.7
92	119.4	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





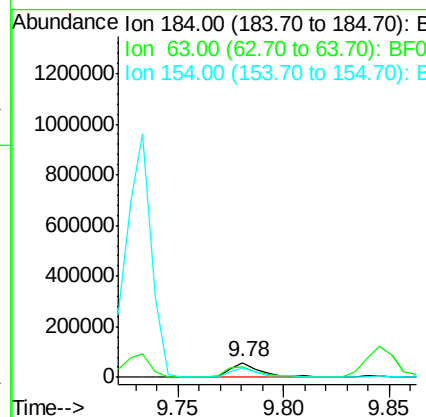
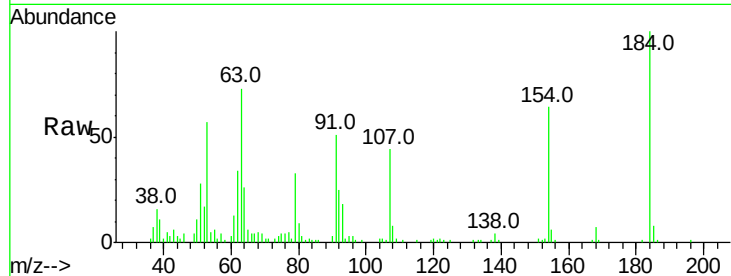
#53
 2,4-Dinitrophenol
 Concen: 25.665 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.6	62.7	94.1
154	63.8	81.1	121.7

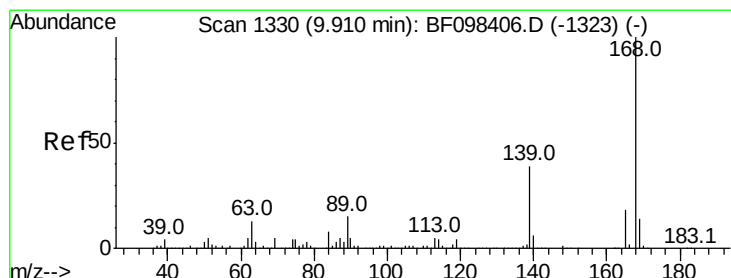
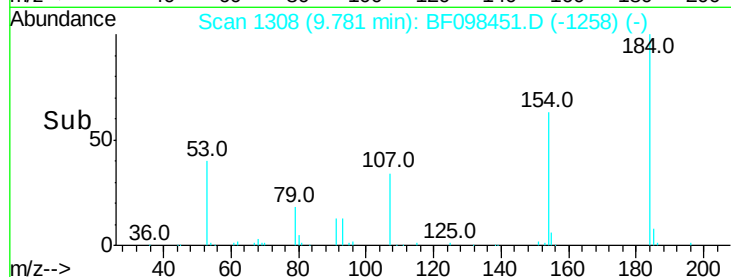
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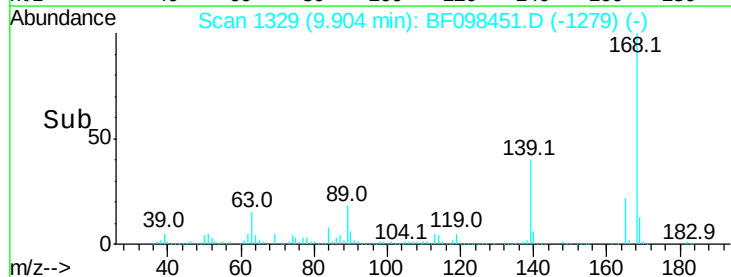
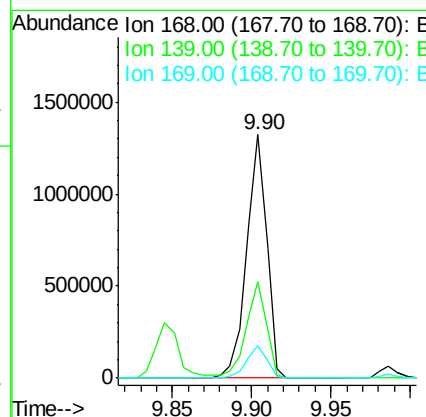
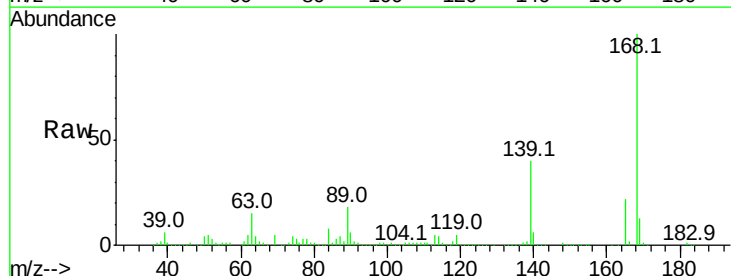
Sohil

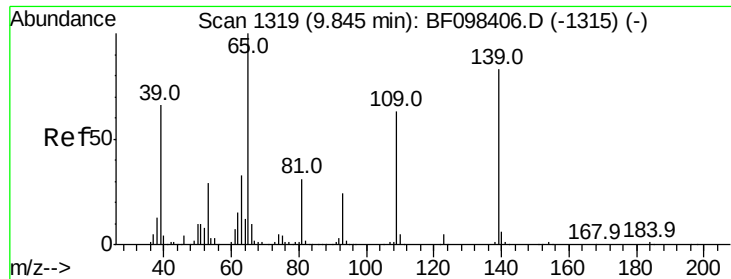
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#54
 Dibenzofuran
 Concen: 34.637 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.6	45.8
169	13.4	10.8	16.2





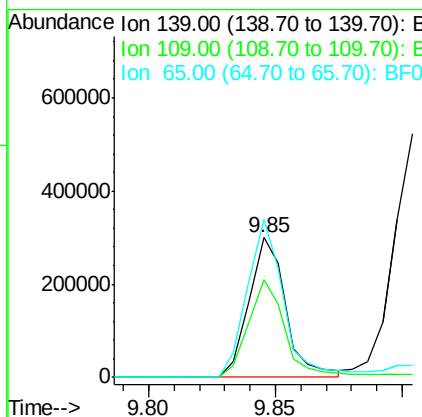
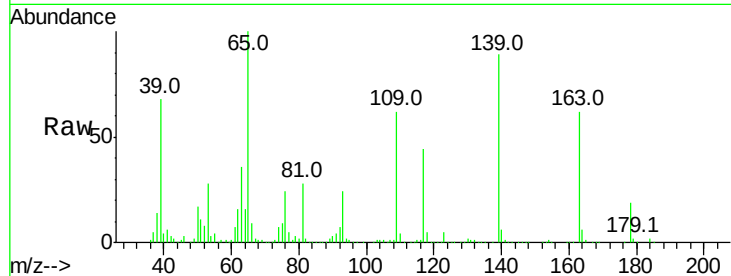
#55
4-Nitrophenol
Concen: 65.870 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.1	34.1	74.1	
65	112.9	31.4	71.4	

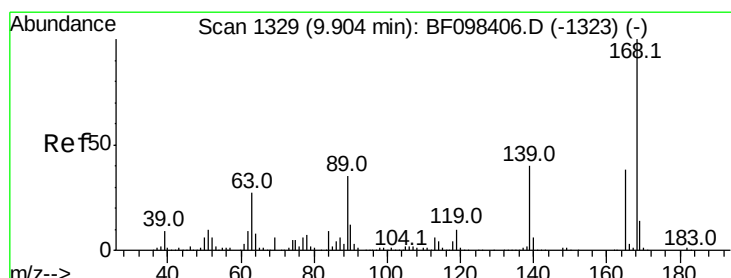
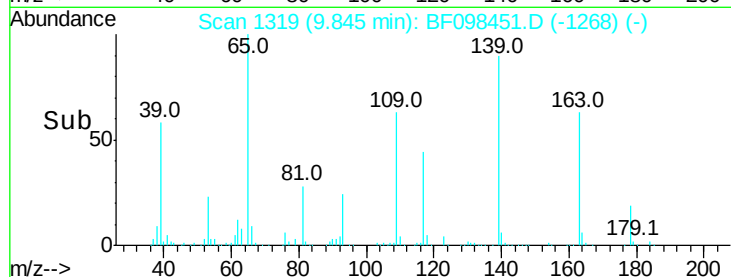
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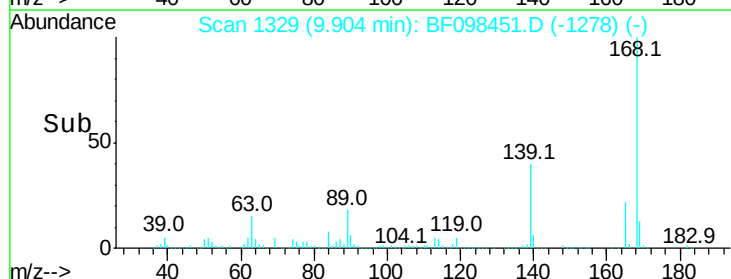
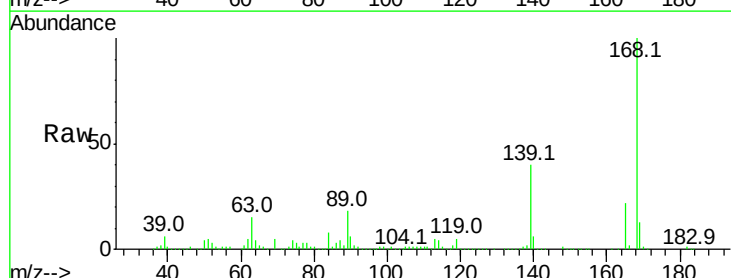
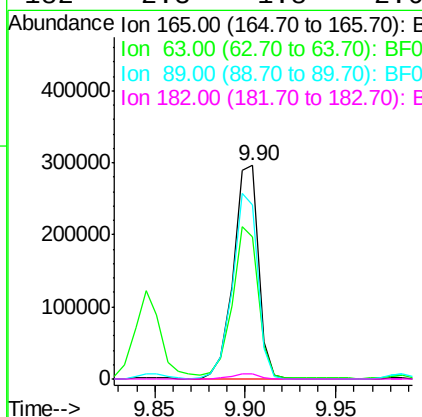
Sohil

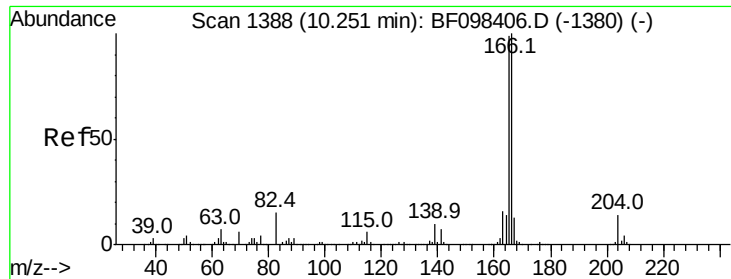
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#56
2,4-Dinitrotoluene
Concen: 35.238 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.5	25.4	38.0	
89	81.6	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 32.369 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:166 Resp: 893978

Ion Ratio Lower Upper

166 100

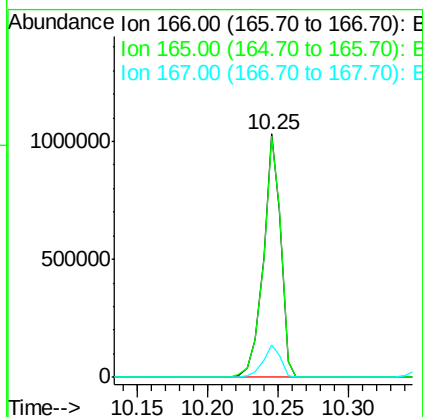
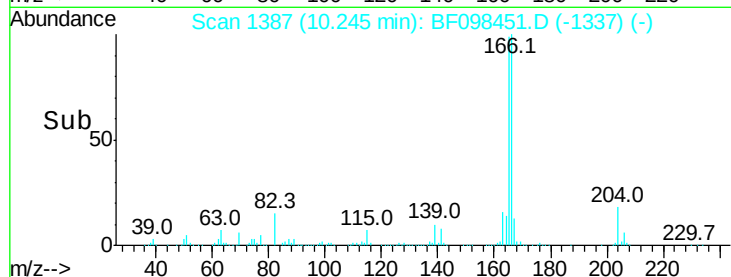
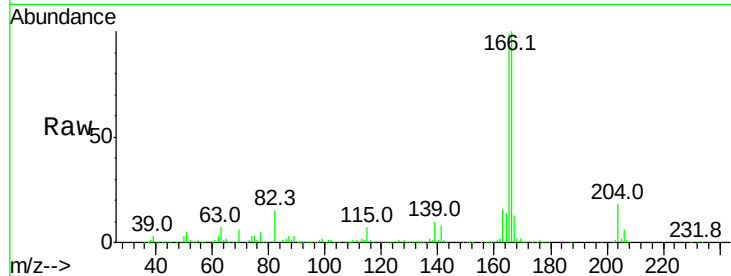
165 98.8 78.8 118.2

167 13.4 10.6 16.0

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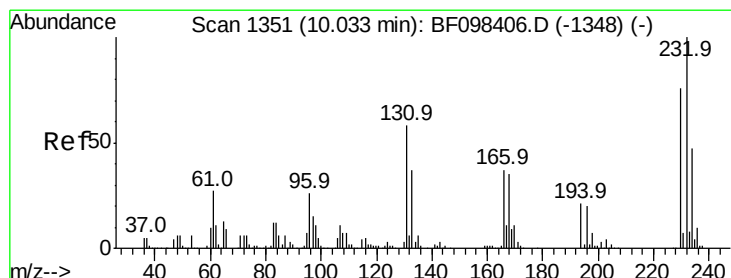
Sohil

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Sohil

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.464 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Tgt Ion:232 Resp: 212639

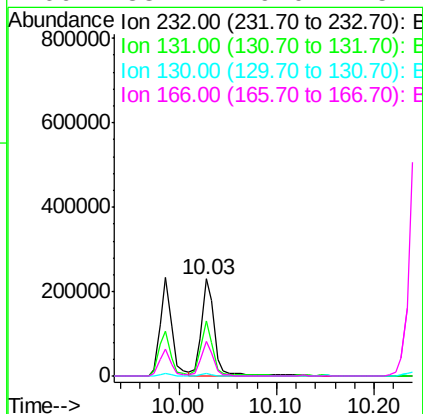
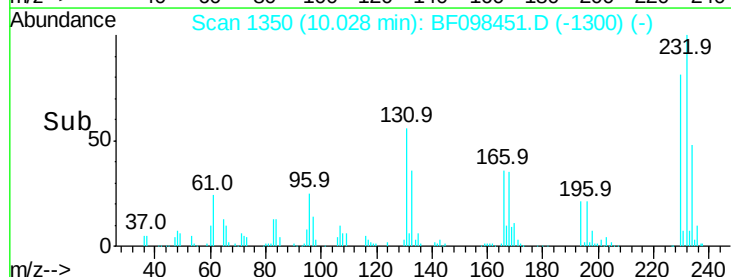
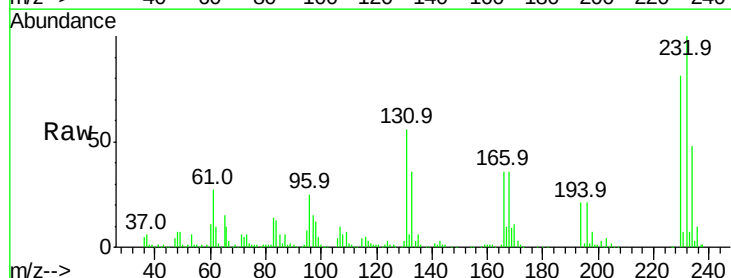
Ion Ratio Lower Upper

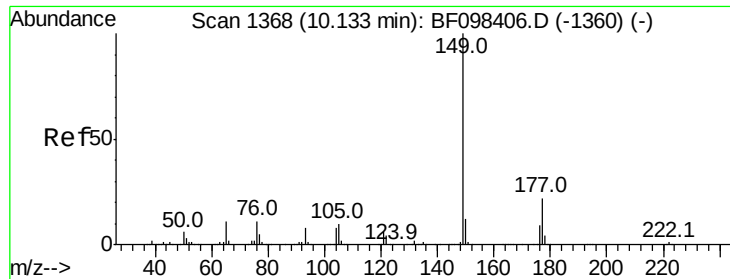
232 100

131 50.5 44.8 67.2

130 2.9 2.3 3.5

166 33.4 29.0 43.4





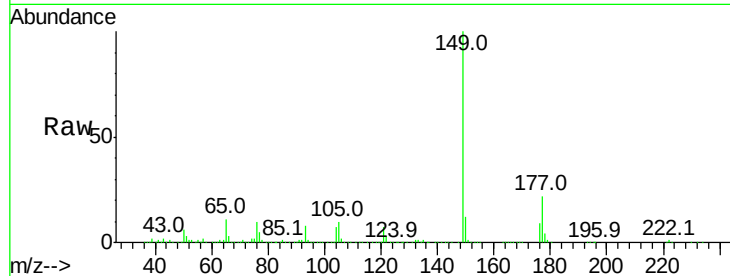
#59
Diethylphthalate
Concen: 33.311 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

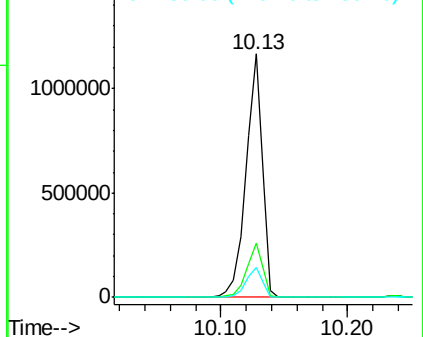
Tot Ion:149 Resp: 1028090
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.4 10.2 15.2

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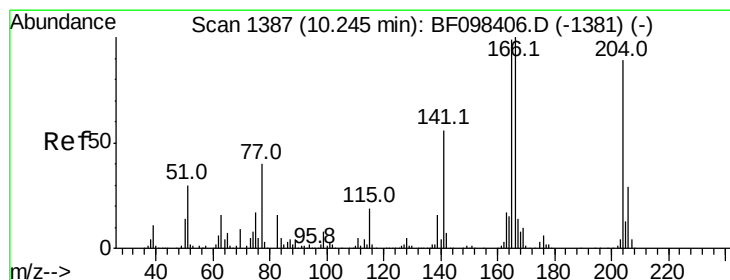
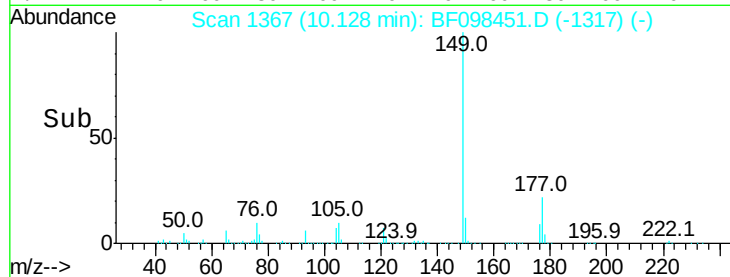


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



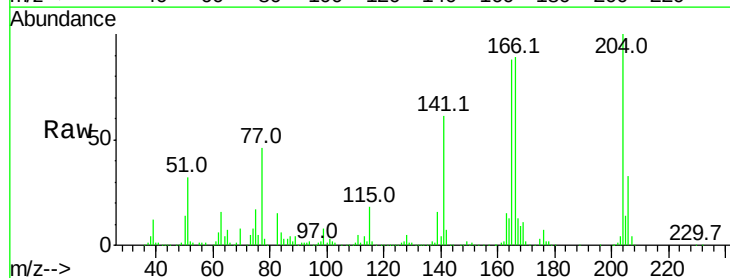
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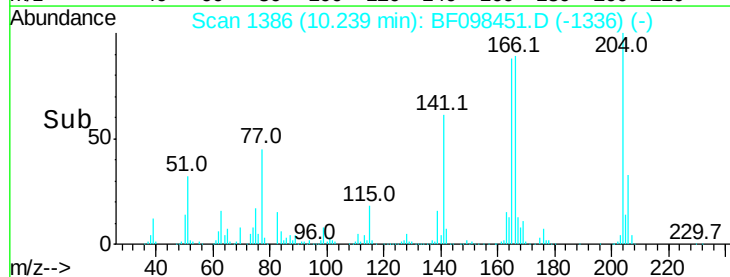
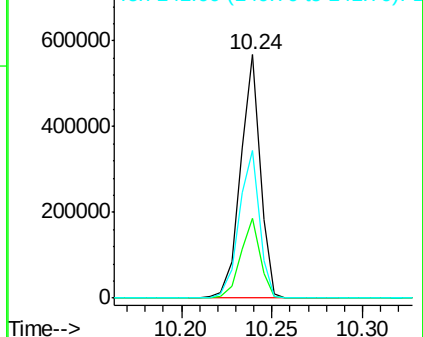


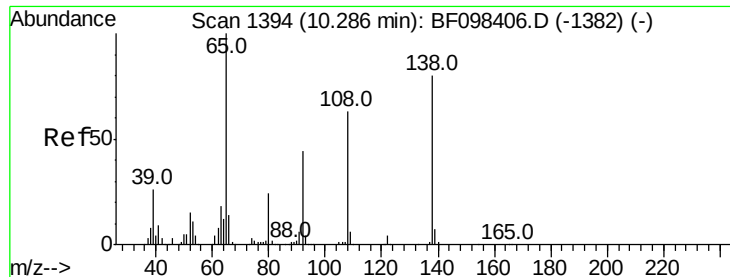
#60
4-Chlorophenyl-phenylether
Concen: 33.620 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion:204 Resp: 428882
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.7 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





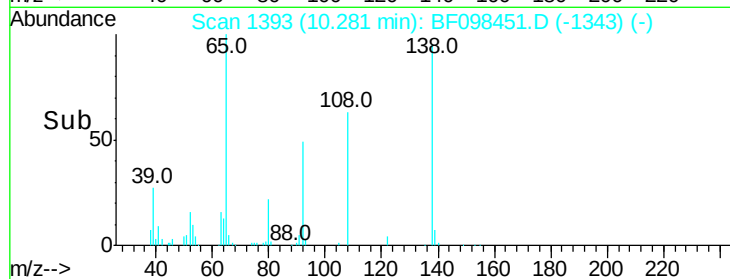
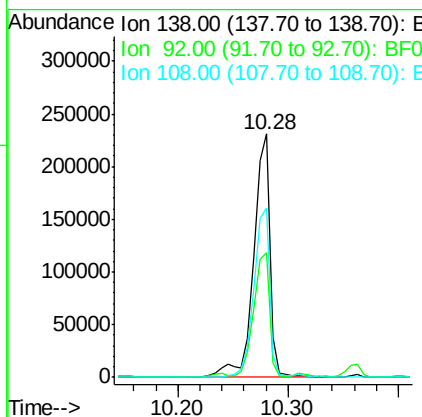
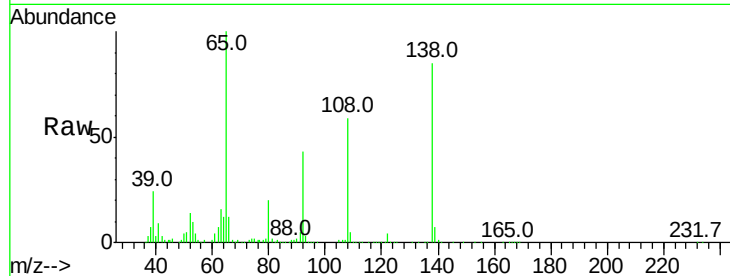
#61
4-Nitroaniline
Concen: 29.805 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	21.8	61.8
108	69.6	42.3	82.3

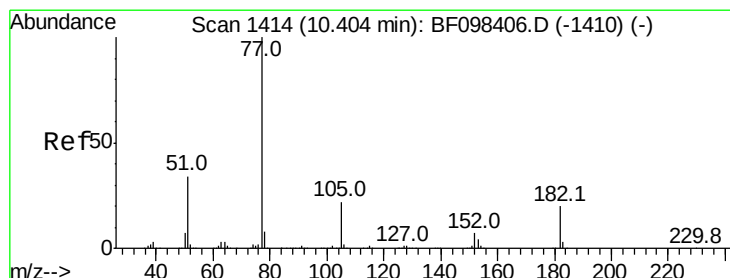
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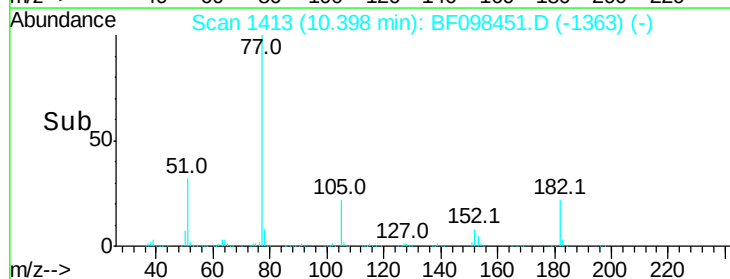
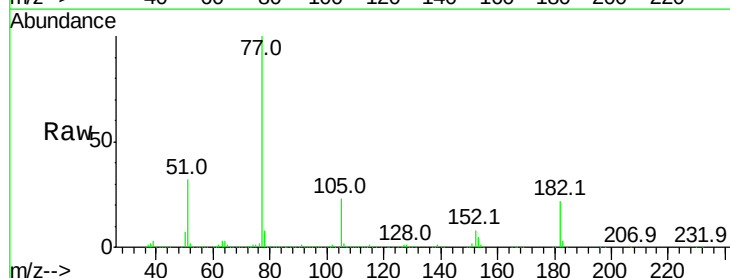
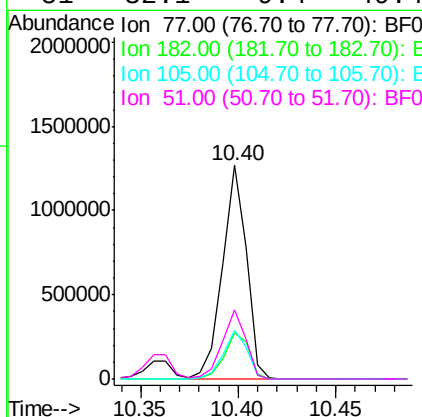
Sohil

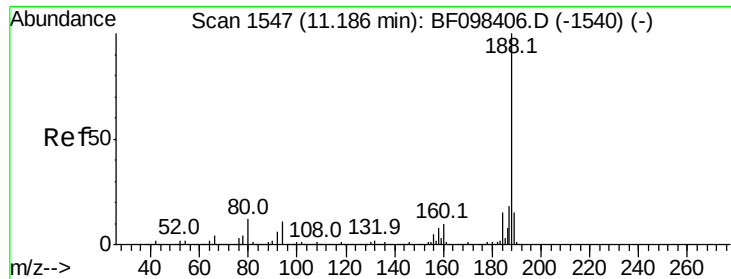
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#62
Azobenzene
Concen: 32.298 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	0.1	40.1
105	22.6	3.6	43.6
51	32.1	9.4	49.4





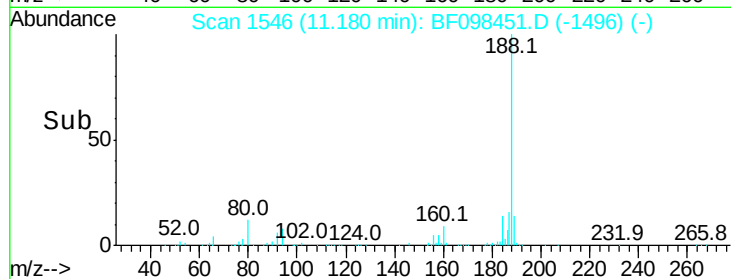
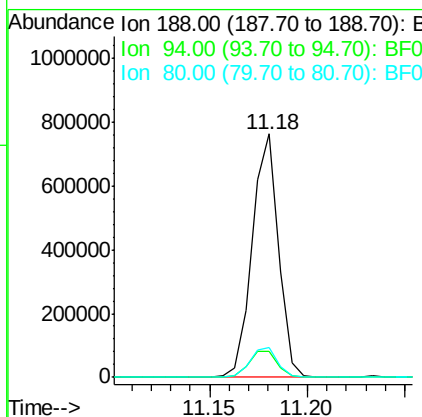
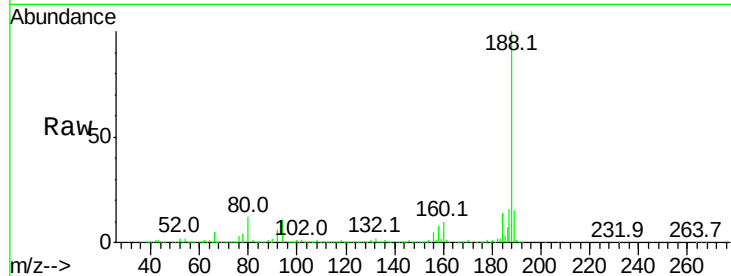
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	709094		
94	10.9		9.4	14.2
80	12.5		10.2	15.2

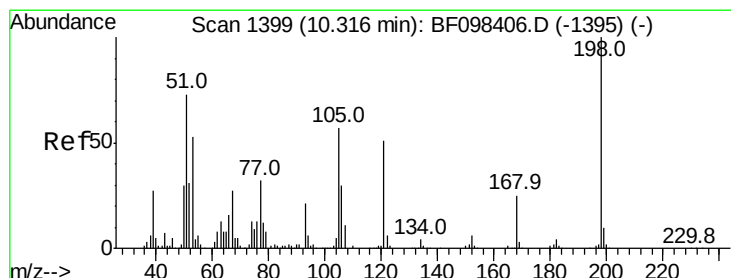
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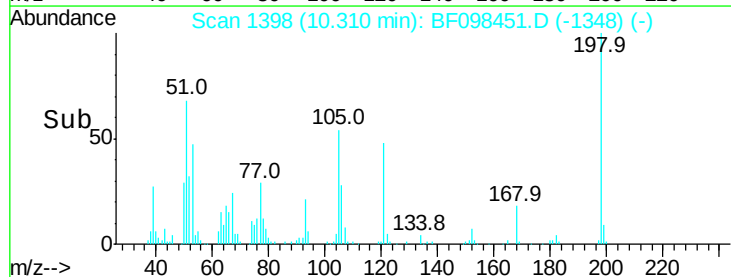
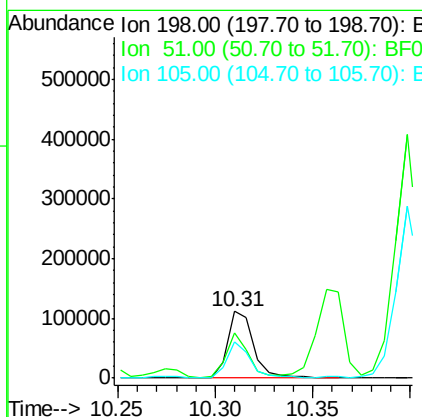
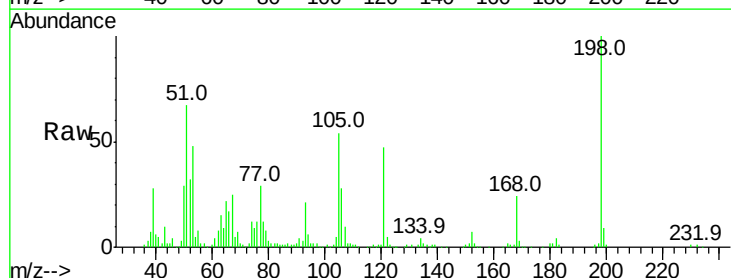
Sohil

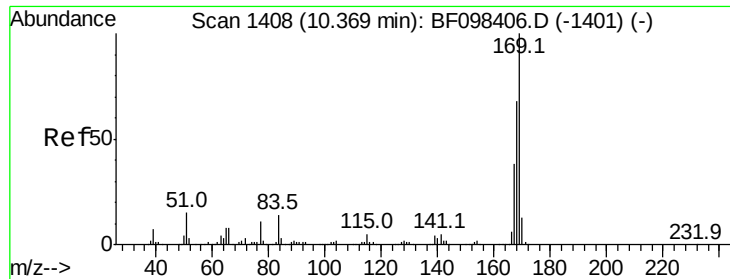
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.106 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	102558		
51	67.5		53.2	93.2
105	53.8		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 36.150 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:169 Resp: 832338

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

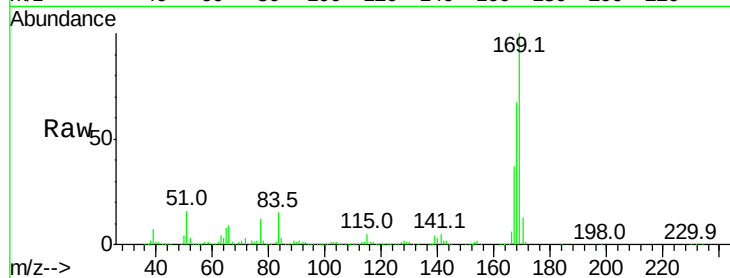
167 37.0 29.5 44.3

Manual Integrations

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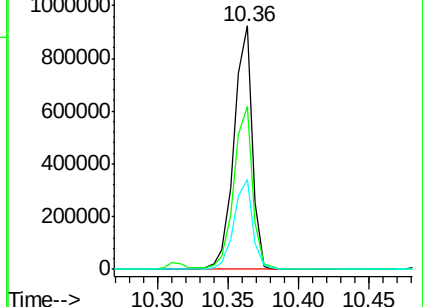
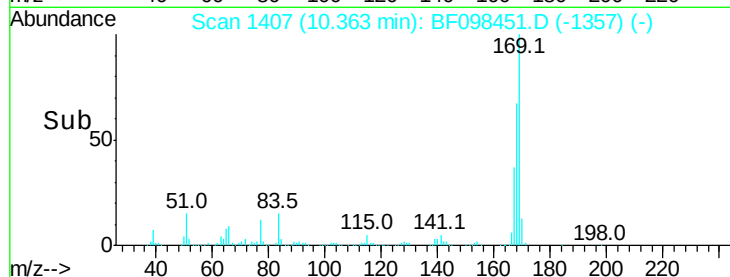
9/13/2017 4:59:58 PM



Abundance Ion 169.00 (168.70 to 169.70): E

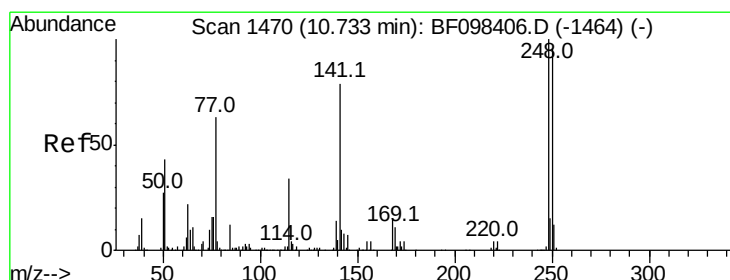
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



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#66

4-Bromophenyl-phenylether

Concen: 36.820 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

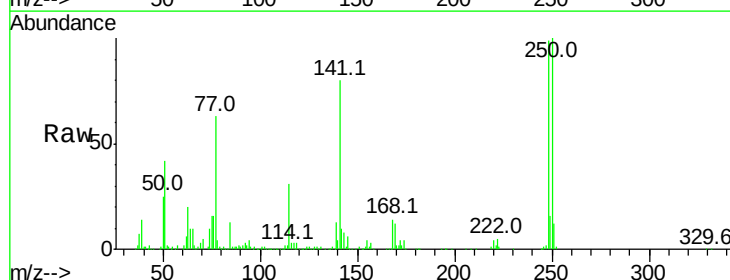
Tgt Ion:248 Resp: 247796

Ion Ratio Lower Upper

248 100

250 100.9 76.8 115.2

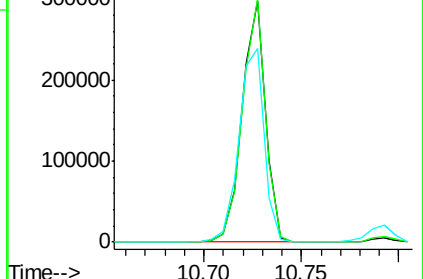
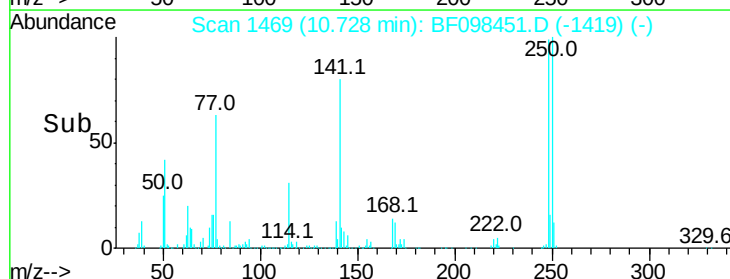
141 80.3 68.6 103.0

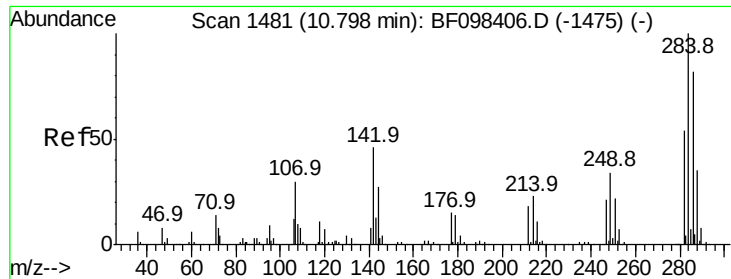


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.000 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

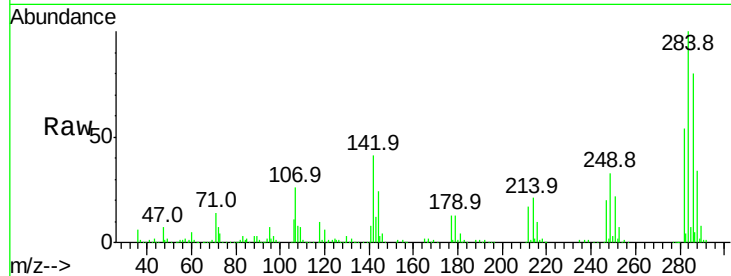
FK-GF-02-011-AMS

Tot Ion:	284	Resp:	232096
Ion Ratio	Lower	Upper	
284	100		
142	41.0	22.8	34.2#
249	33.1	24.0	36.0

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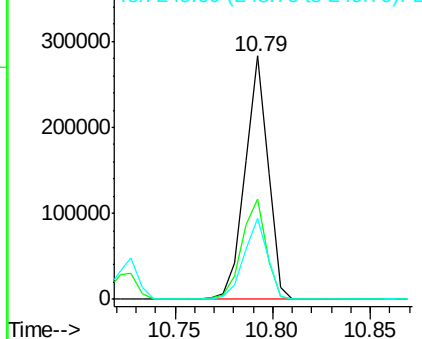
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Abundance Ion 283.80 (283.50 to 284.50): E

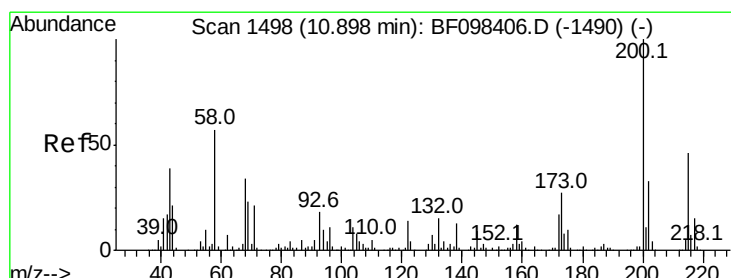
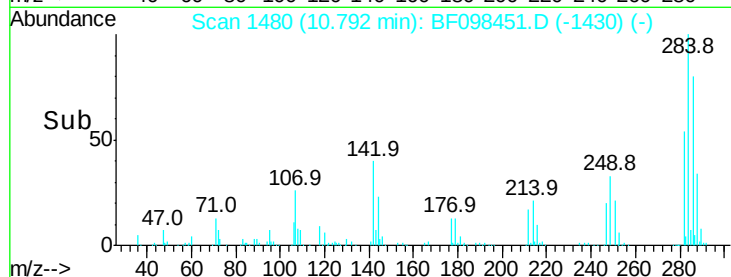
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



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#68

Atrazine

Concen: 36.694 ng

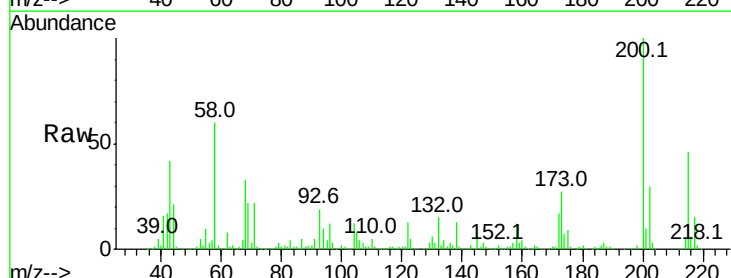
RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

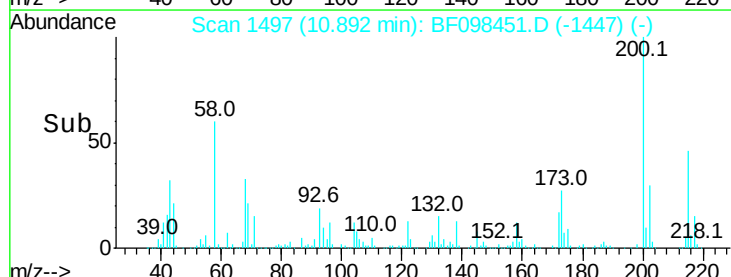
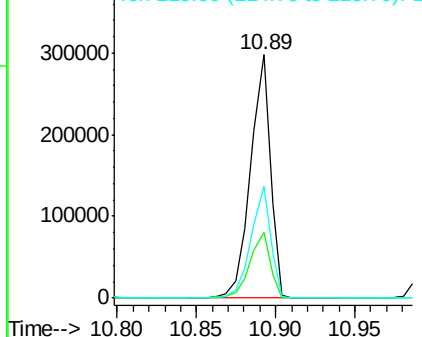
Tgt Ion:	200	Resp:	260100
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.3	46.3
215	46.0	27.2	67.2

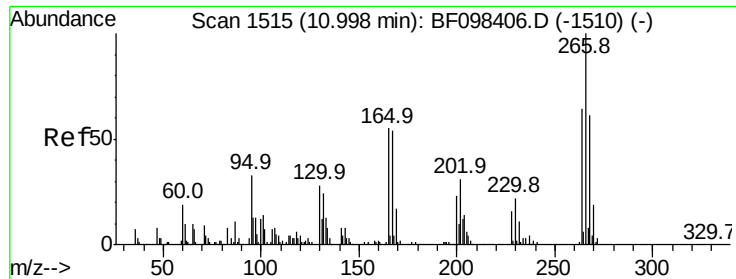


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





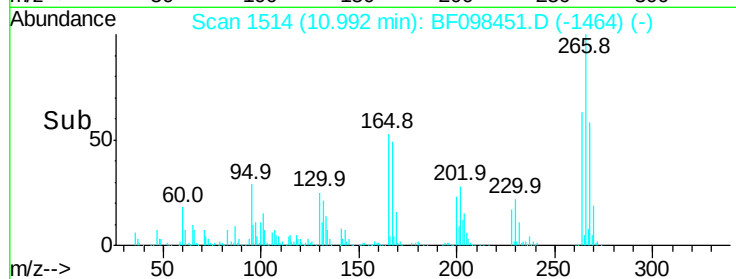
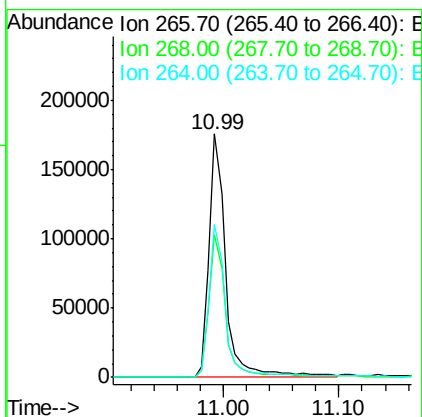
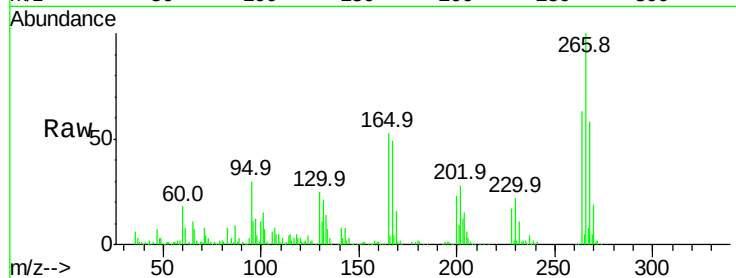
#69
 Pentachlorophenol
 Concen: 60.818 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.3	51.1	76.7
264	63.0	51.7	77.5

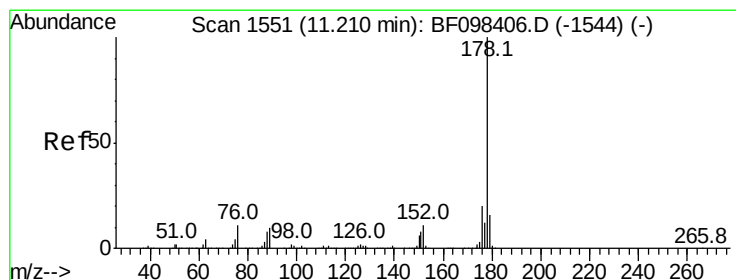
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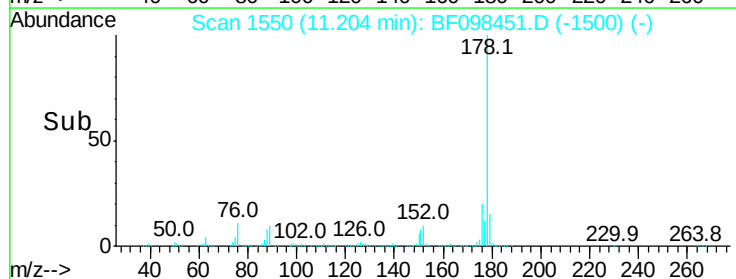
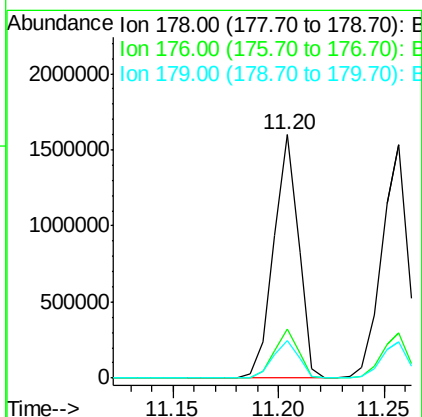
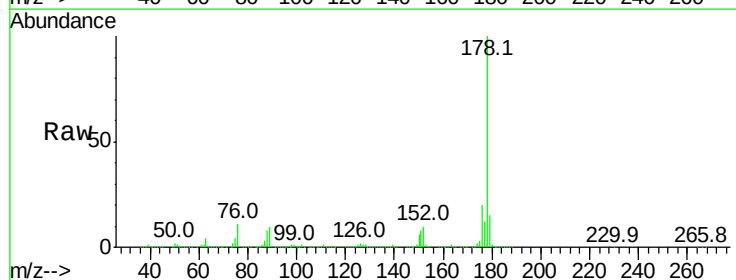
Sohil

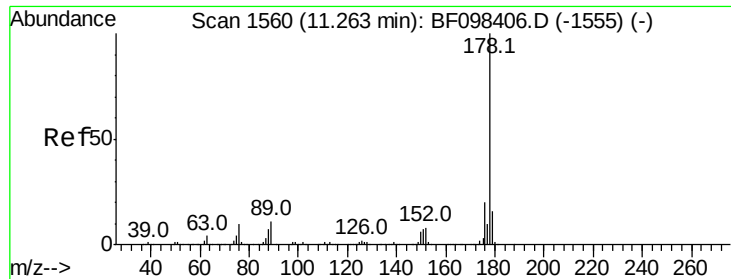
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#70
 Phenanthrene
 Concen: 34.870 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.4	12.6	19.0





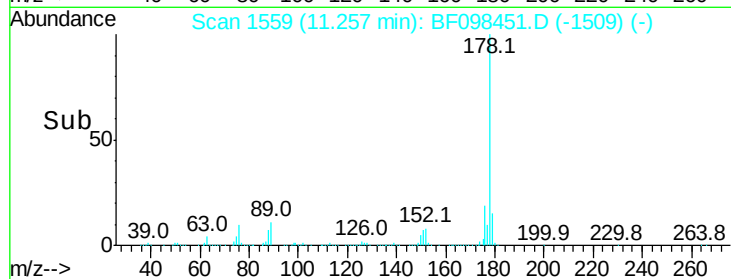
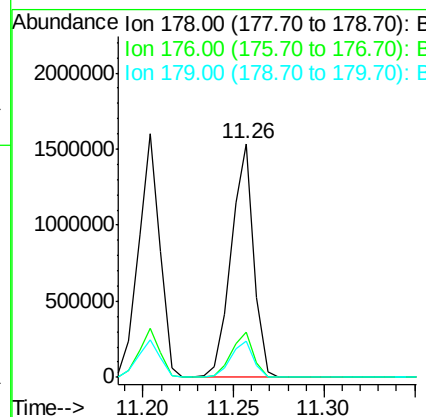
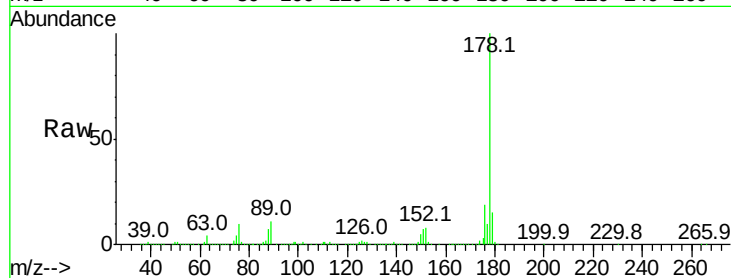
#71
 Anthracene
 Concen: 34.252 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion:178 Resp: 1321941
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.5 12.7 19.1

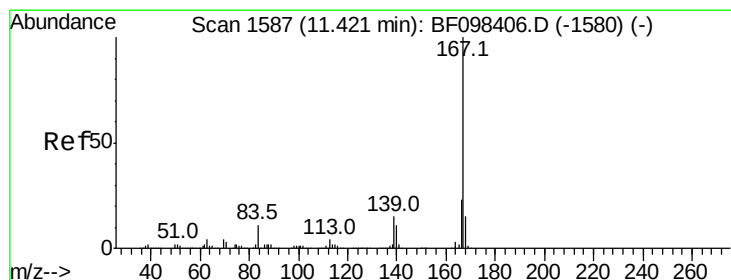
Manual Integrations
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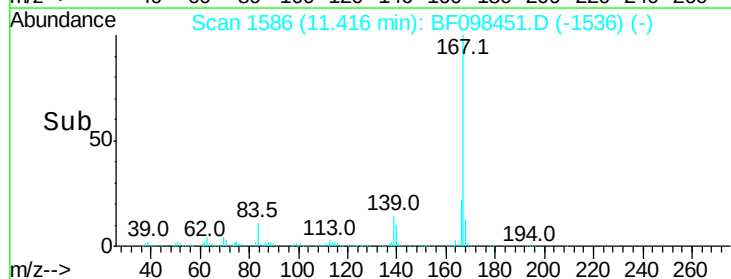
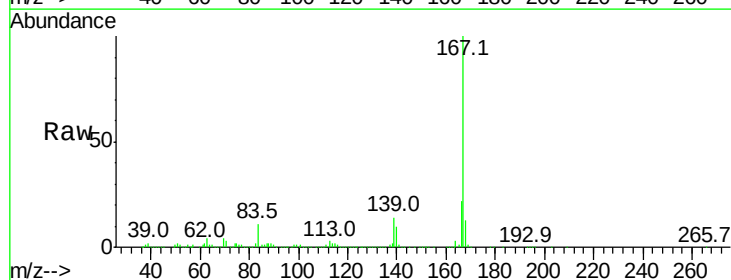
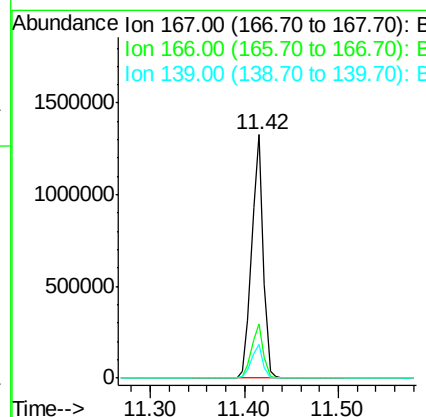
Sohil

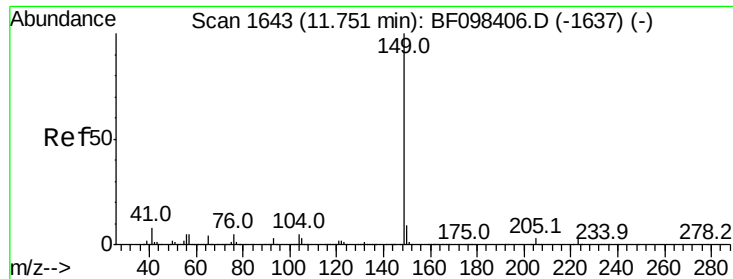
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#72
 Carbazole
 Concen: 31.289 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion:167 Resp: 1125435
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 34.477 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

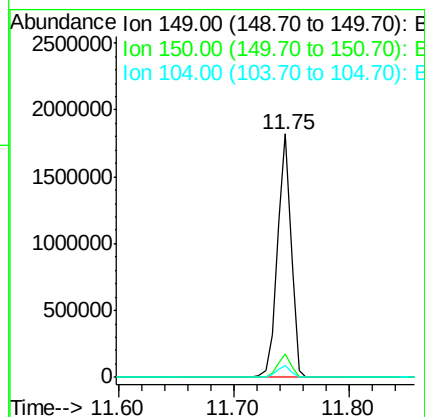
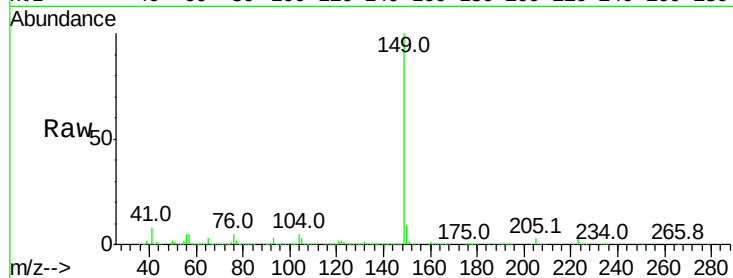
ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:	149	Resp:	1485821
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.1	4.0	6.0

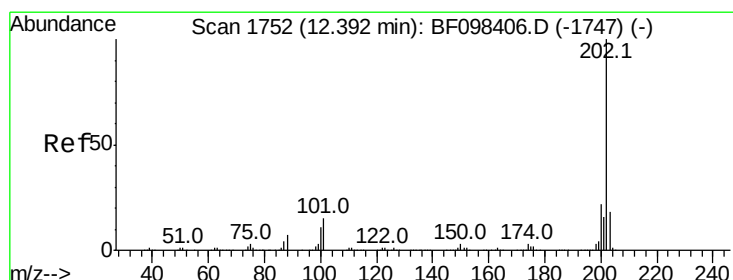
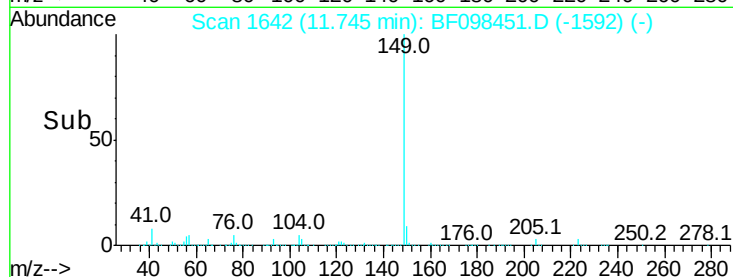
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#74

Fluoranthene

Concen: 31.954 ng

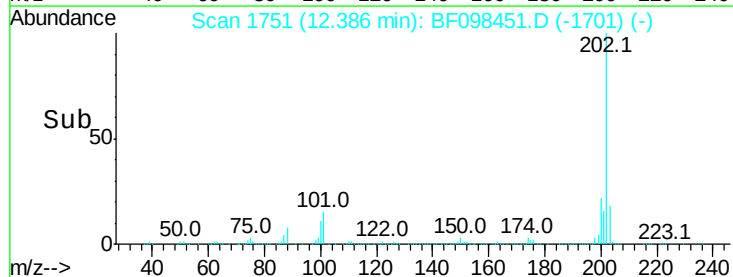
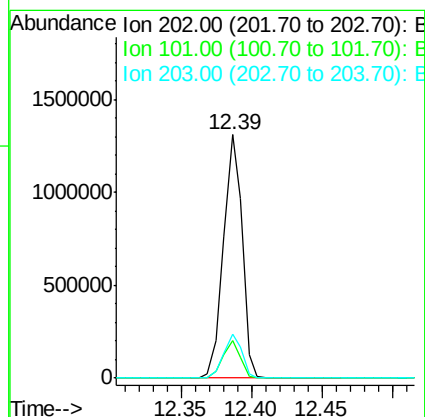
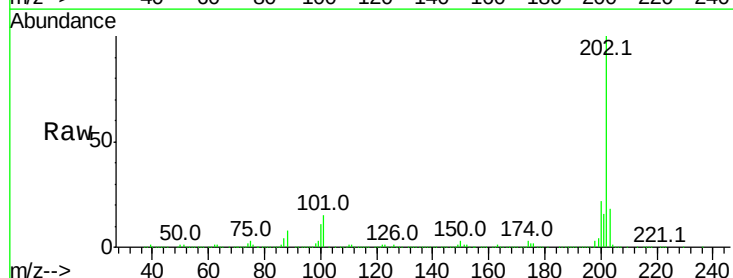
RT: 12.39 min Scan# 1751

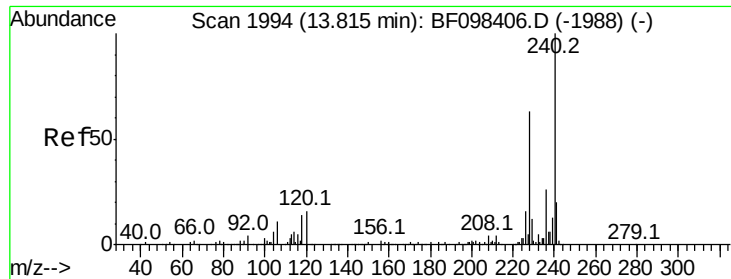
Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Tgt Ion:	202	Resp:	1202466
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	33.2
203	18.0	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: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:240 Resp: 402857
Ion Ratio Lower Upper

240 100

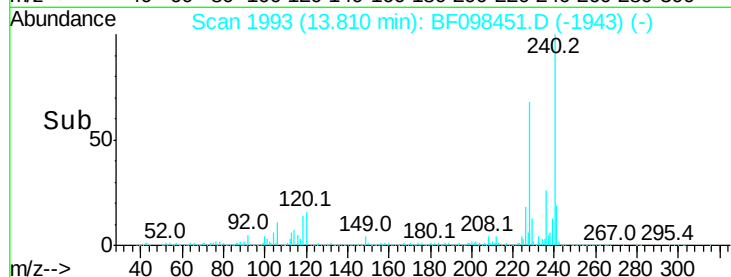
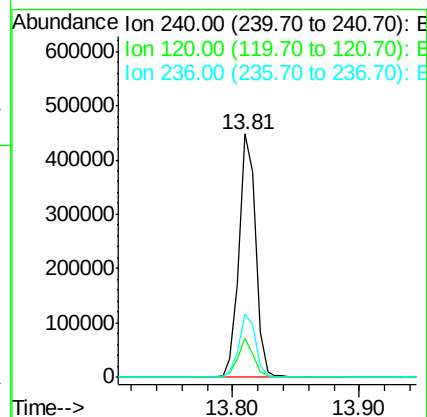
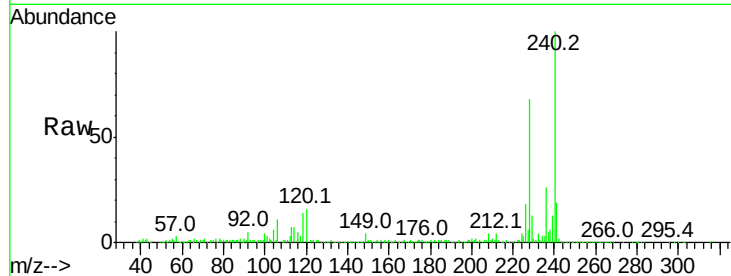
120 16.0 5.8 8.8#

236 25.8 20.5 30.7

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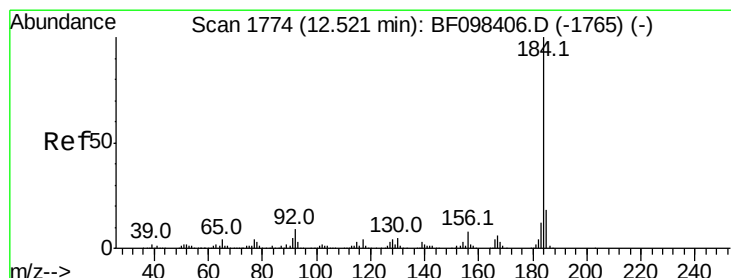
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#76

Benzidine

Concen: 26.459 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098451.D

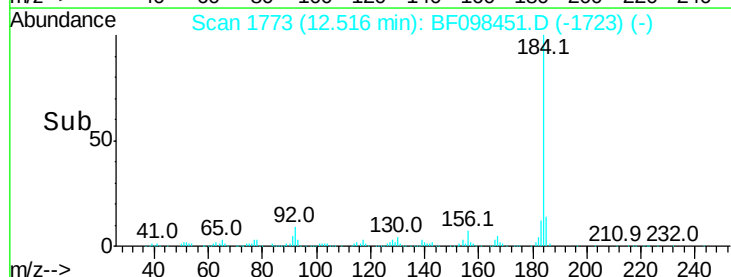
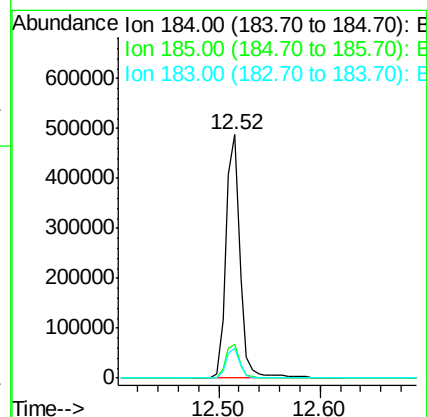
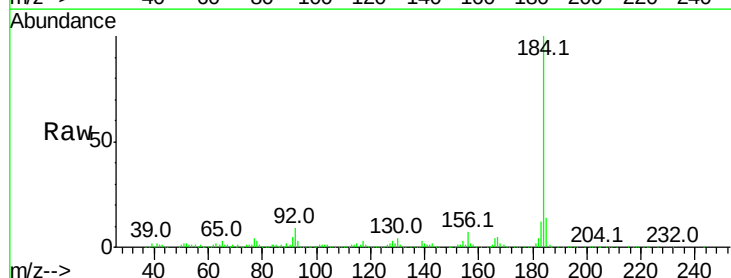
Acq: 12 Sep 2017 15:40

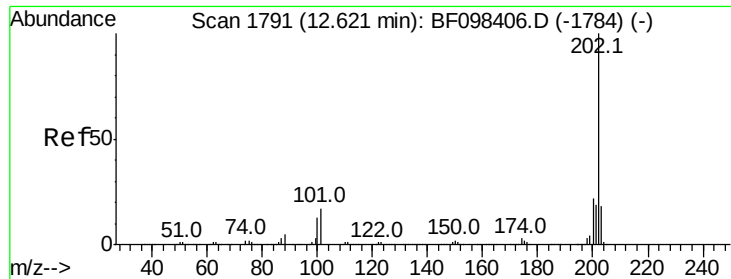
Tgt Ion:184 Resp: 471741
Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

183 12.4 9.8 14.6





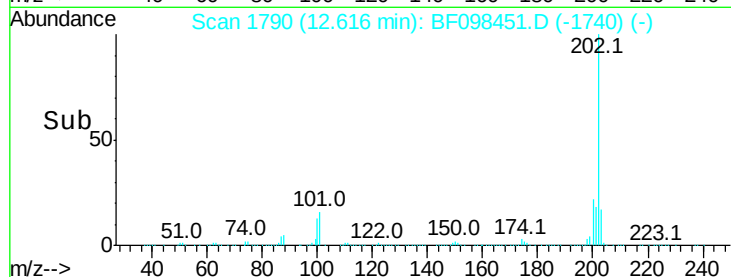
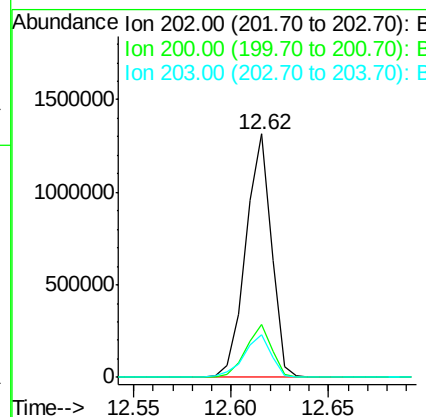
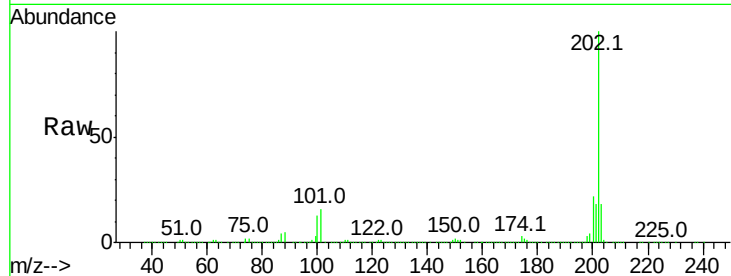
#77
Pvrene
Concen: 37.653 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

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

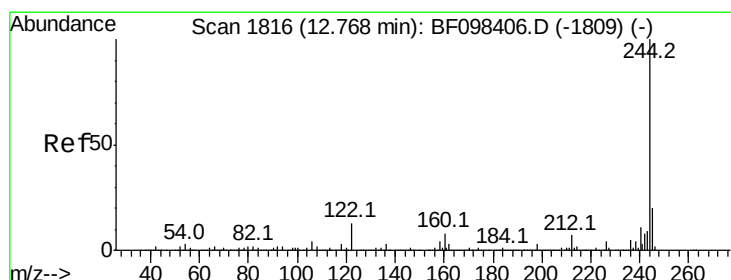
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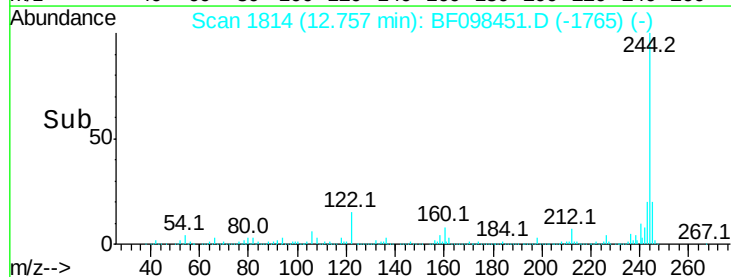
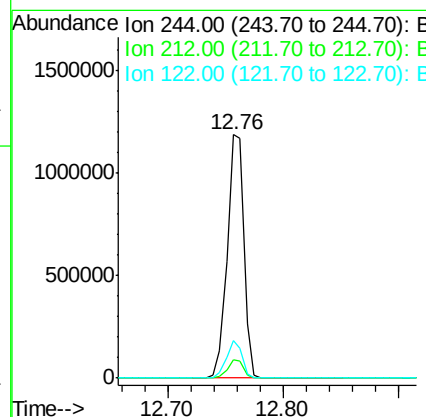
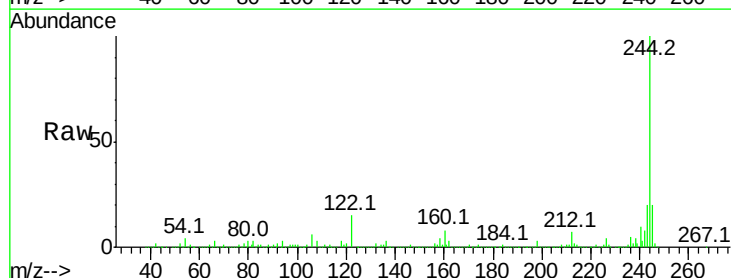
Sohil

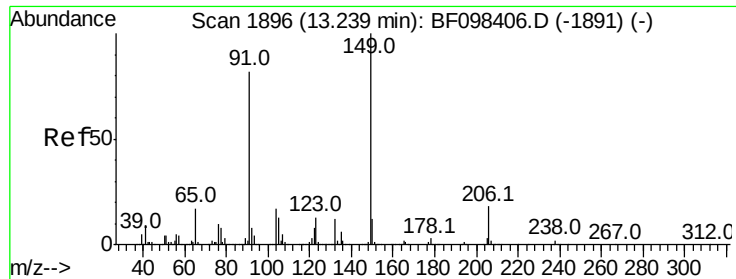
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#78
Terphenyl-d14
Concen: 63.674 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	15.4	10.3	15.5





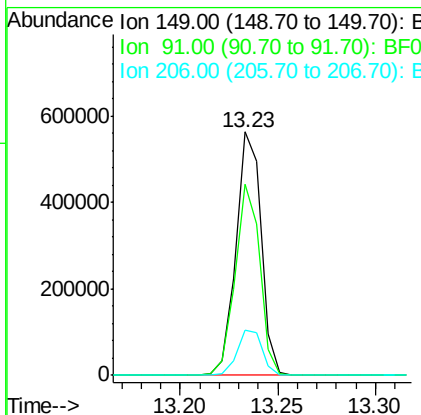
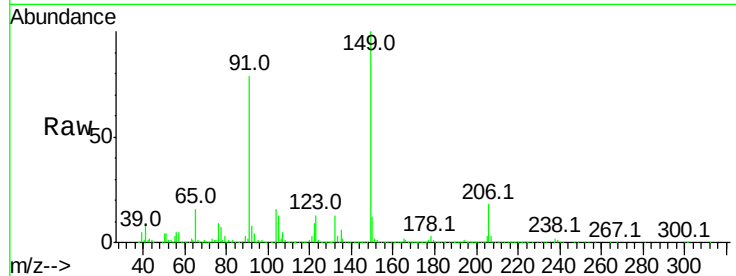
#79
 Butylbenzylphthalate
 Concen: 36.308 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion:	149	Resp:	500571
Ion Ratio	Lower	Upper	
149	100		
91	78.7	45.0	67.4#
206	18.5	17.0	25.6

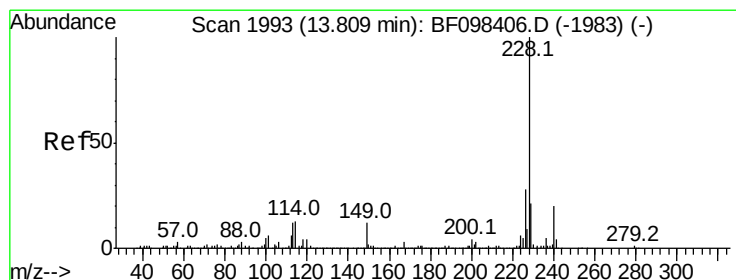
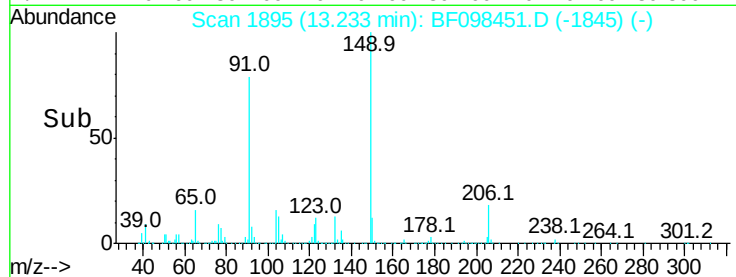
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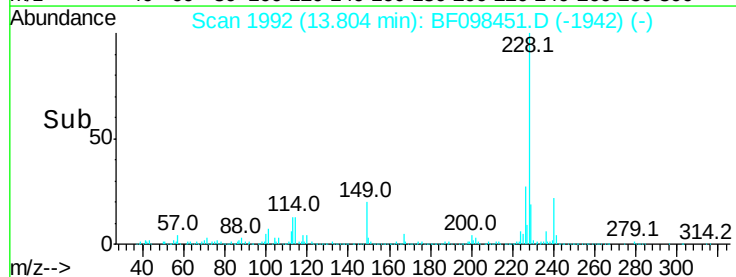
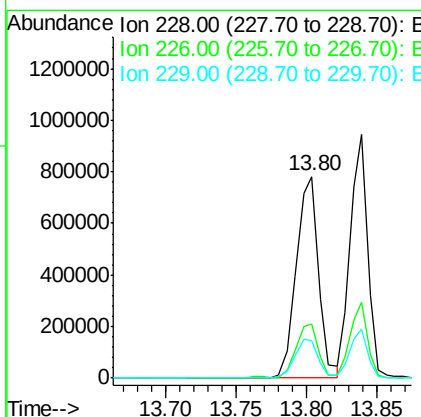
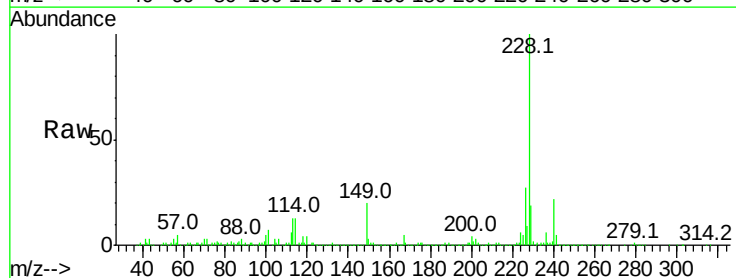
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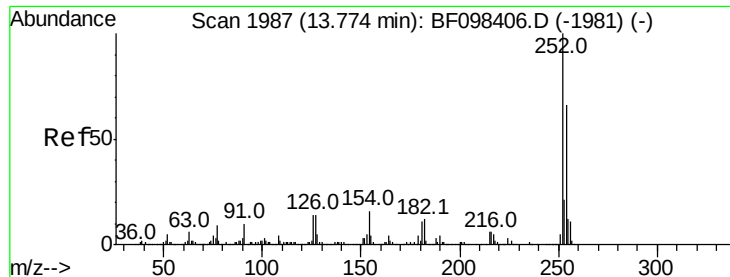
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#80
 Benzo(a)anthracene
 Concen: 36.066 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion:	228	Resp:	851825
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.6	33.8
229	18.7	16.3	24.5





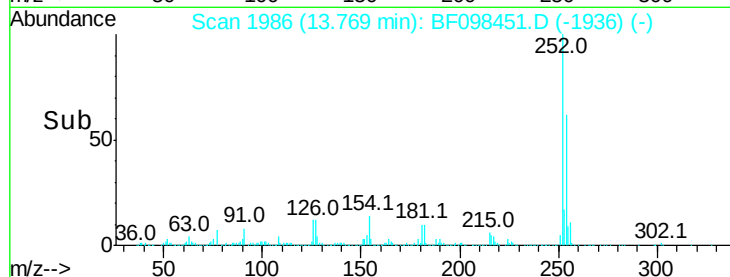
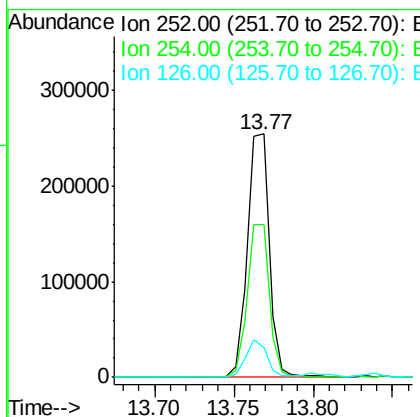
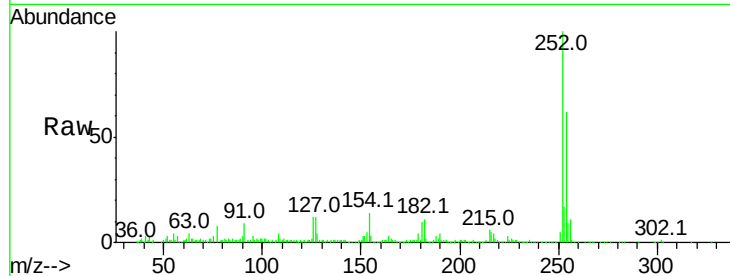
#81
 3,3'-Dichlorobenzidine
 Concen: 26.685 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	244939		
254	62.5	51.5	77.3	
126	12.2	15.8	23.8	

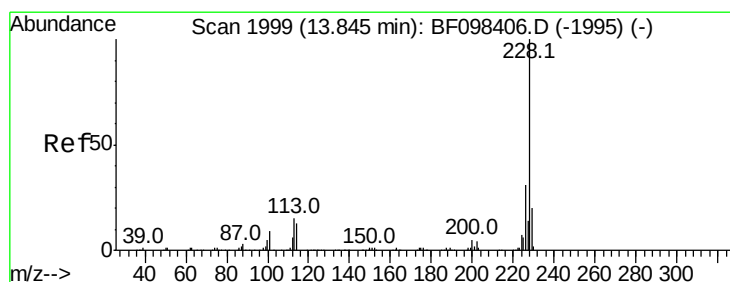
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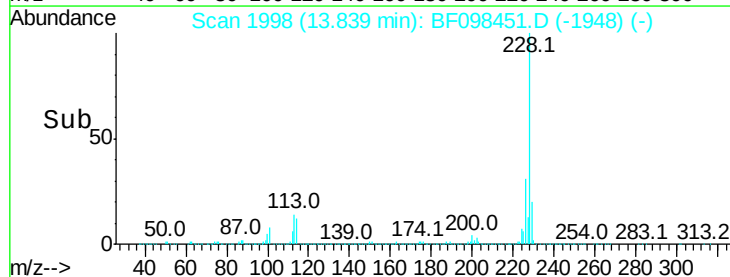
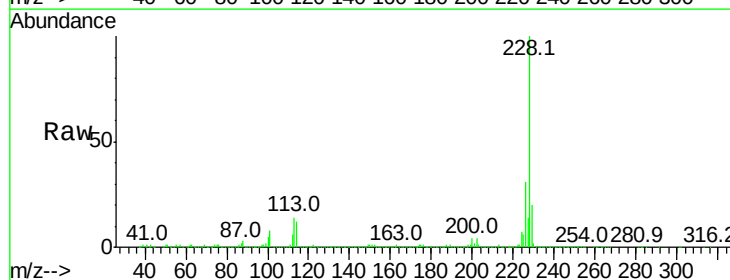
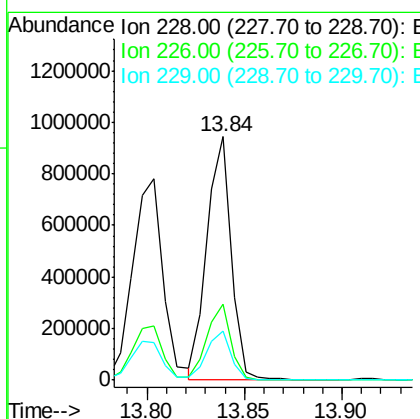
Sohil

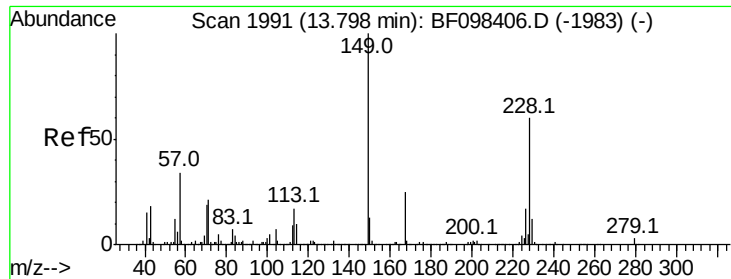
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#82
 Chrysene
 Concen: 34.096 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	814041		
226	31.1	24.9	37.3	
229	20.0	15.8	23.6	





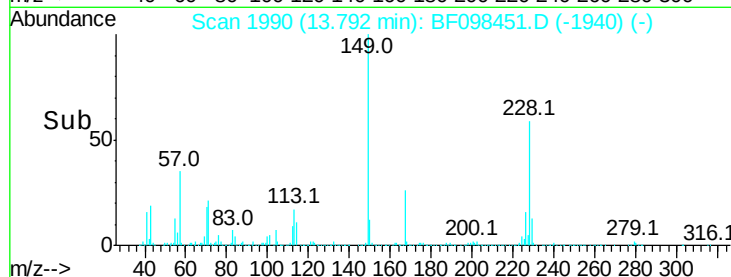
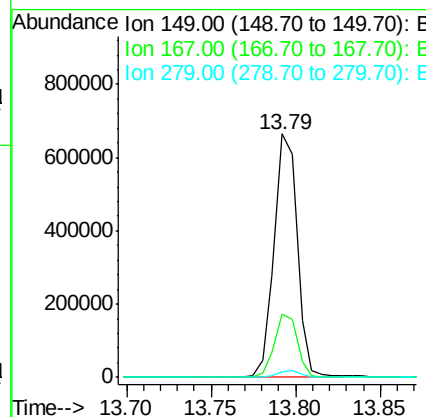
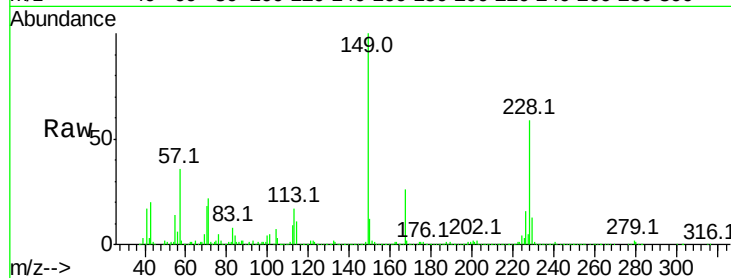
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.365 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.5	1.9	2.9

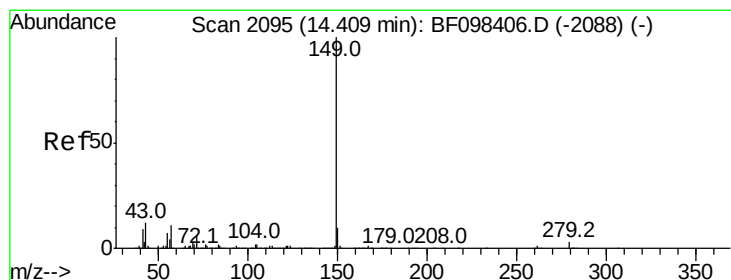
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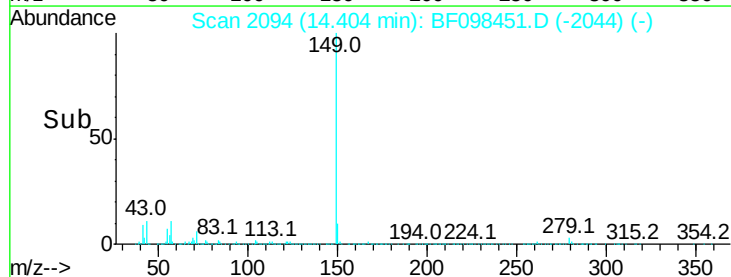
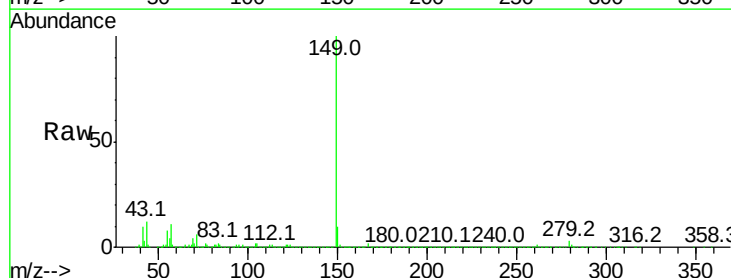
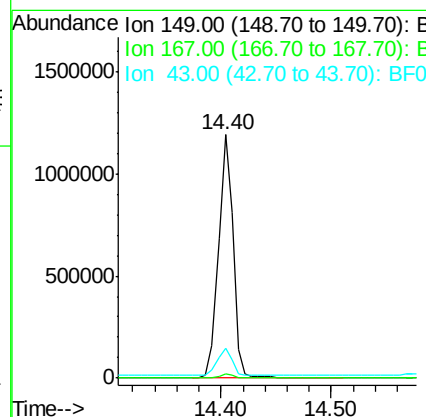
Sohil

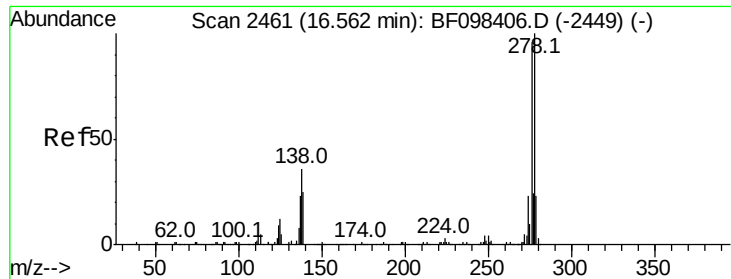
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#84
 Di-n-octyl phthalate
 Concen: 36.318 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098451.D
 Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.8	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.562 ng

RT: 16.56 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMS

Tot Ion:276 Resp: 679418

Ion Ratio Lower Upper

276 100

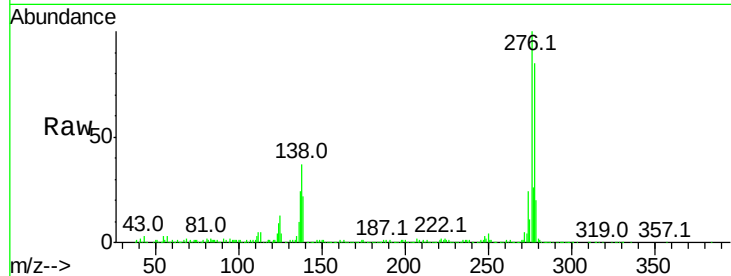
138 35.9 27.8 41.6

277 25.8 20.2 30.4

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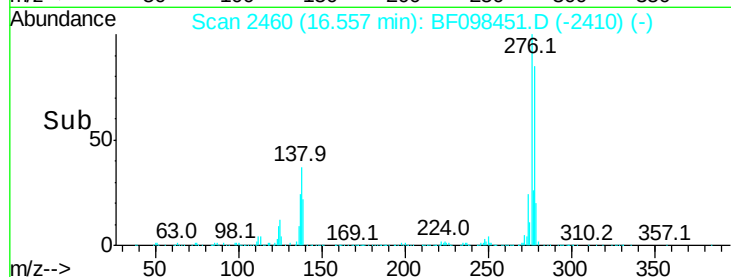


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

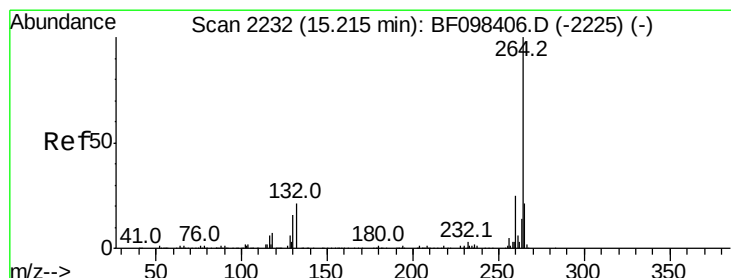
16.56



Time-->

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

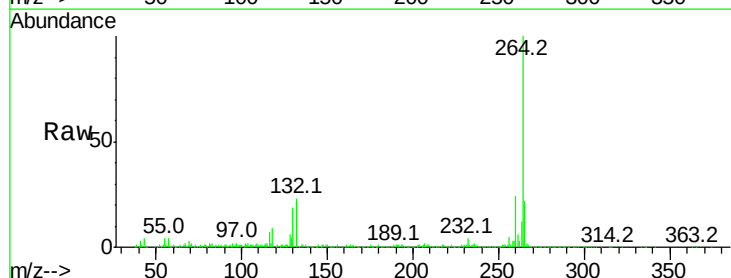
Tgt Ion:264 Resp: 392465

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.7 17.2 25.8

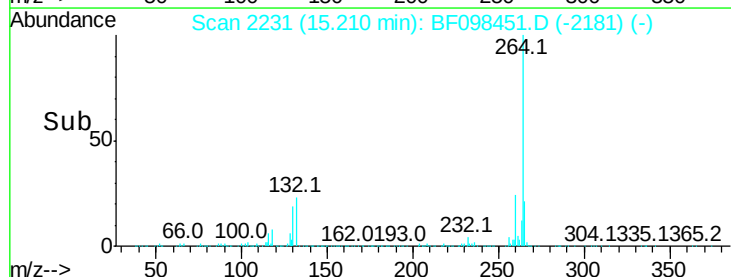


Abundance Ion 264.00 (263.70 to 264.70): E

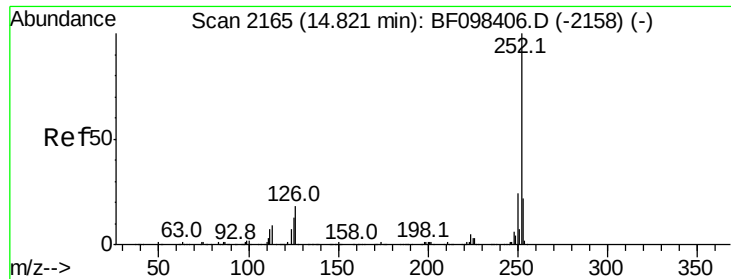
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.21



Time-->



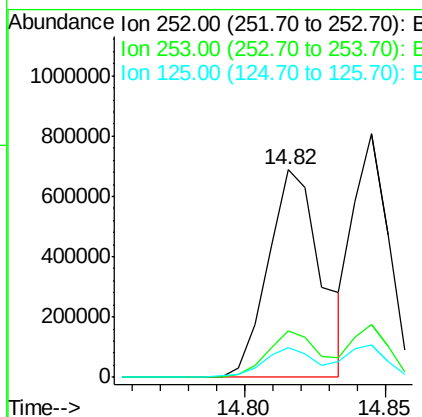
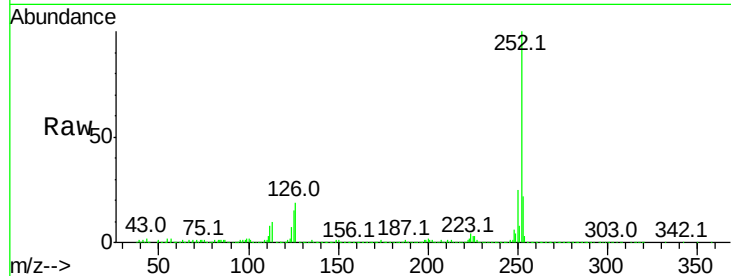
#87
Benzo(b)fluoranthene
Concen: 36.354 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion:	252	Resp:	897110
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	14.6	9.8	14.8

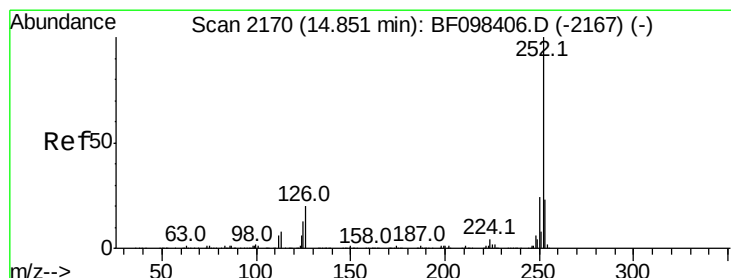
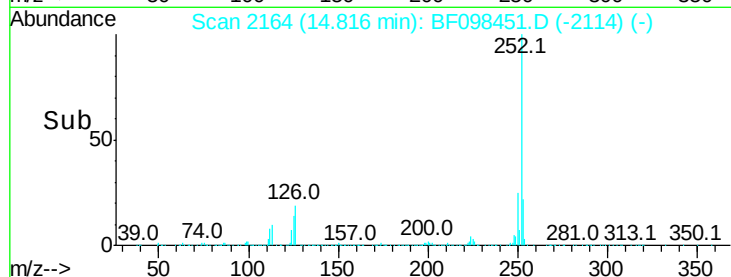
Manual Integrations
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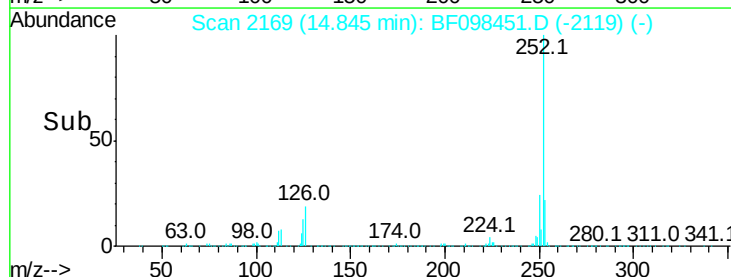
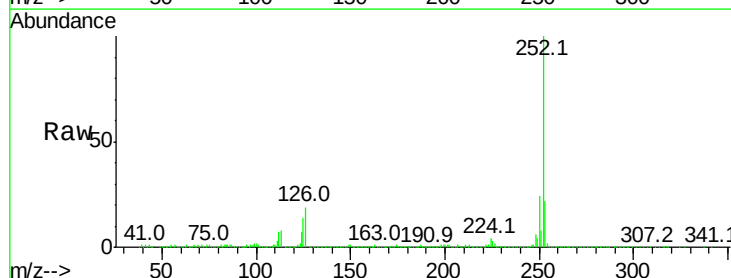
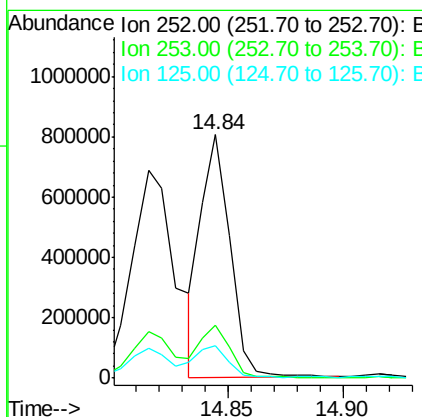
Sohil

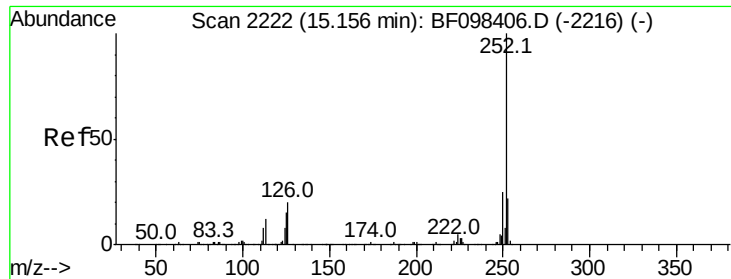
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#88
Benzo(k)fluoranthene
Concen: 30.472 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion:	252	Resp:	702006
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	13.5	13.1	19.7





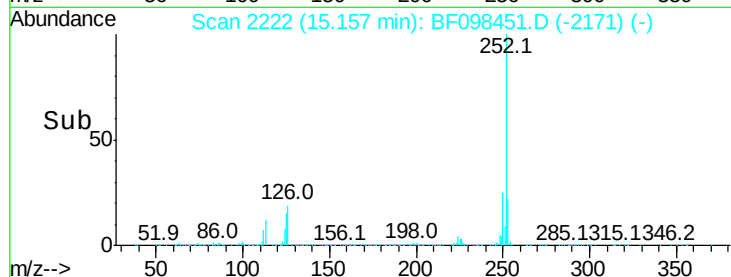
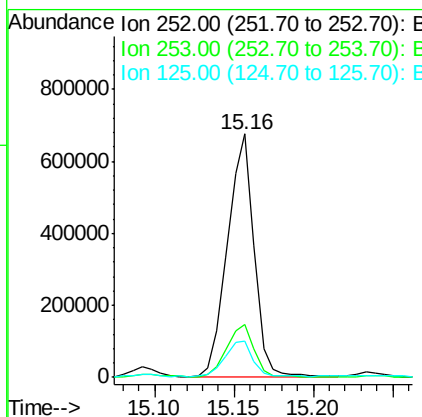
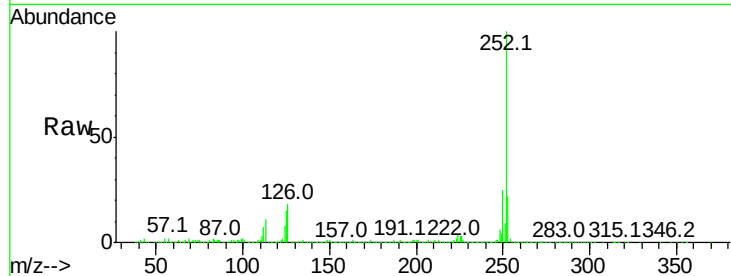
#89
Benzo(a)pyrene
Concen: 35.668 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.0	11.0	16.4

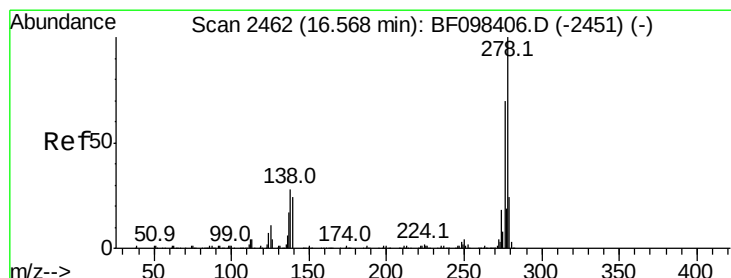
Manual Integrations
APPROVED

Sohil
9/13/2017 4:59:58 PM



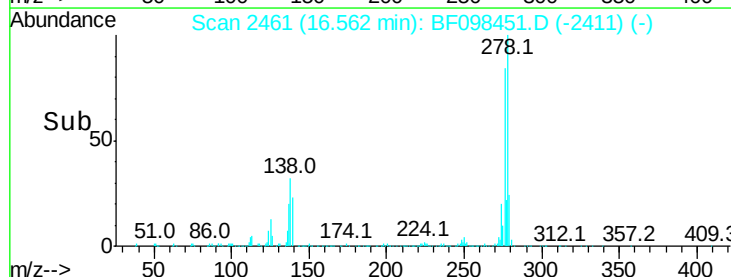
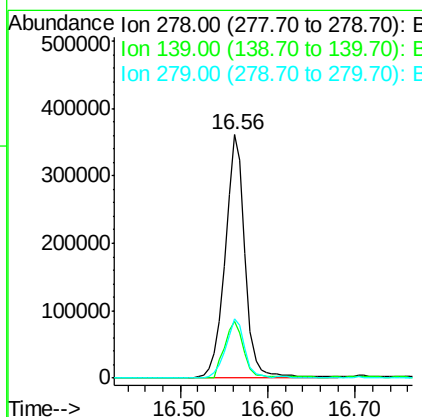
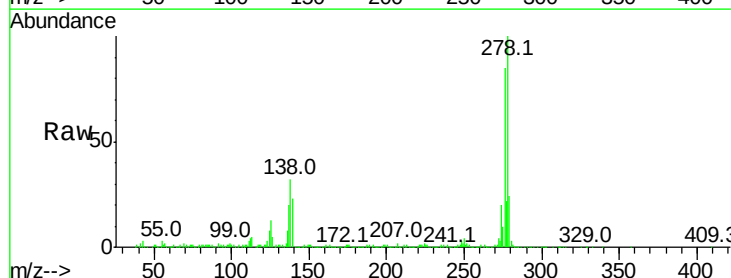
Sohil

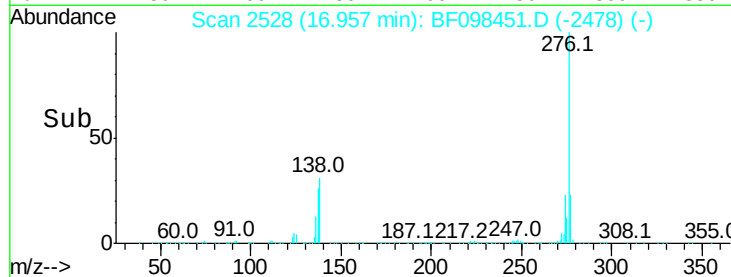
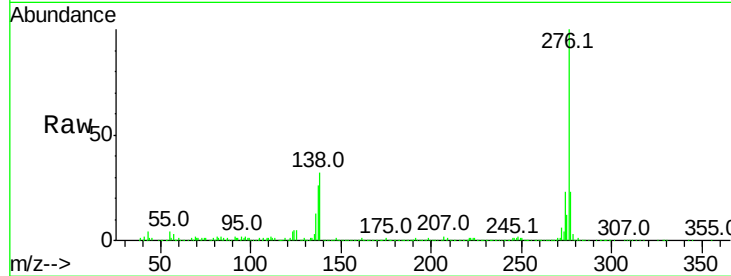
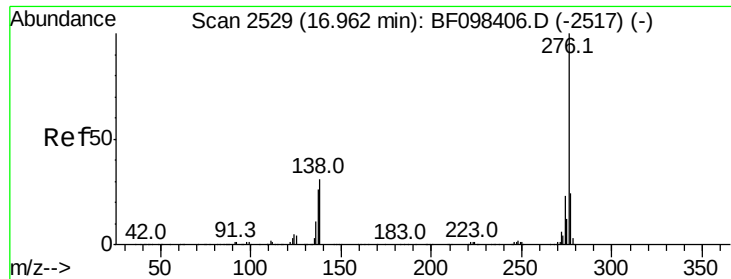
9/13/2017 4:59:58 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.270 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF098451.D
Acq: 12 Sep 2017 15:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 34.061 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098451.D

Acq: 12 Sep 2017 15:40

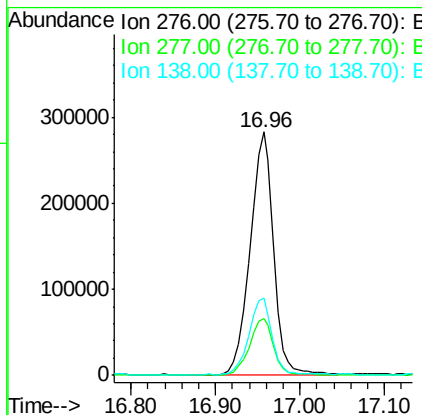
Instrument :
BNA_F

ClientSampleId :
FK-GF-02-011-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	31.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
9/13/2017 4:59:58 PM



Sohil

9/13/2017 4:59:58 PM