

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103753.D
 Acq On : 19 Mar 2018 13:30
 Operator : JU/SJ
 Sample : J1750-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Manual Integrations
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Quant Time: Mar 19 16:54:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172928	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	726635	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	338111	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	598039	20.00	ng	0.00
75) Chrysene-d12	14.16	240	459794	20.00	ng	0.00
86) Perylene-d12	15.70	264	411242	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1293590	113.78	ng	0.02
7) Phenol-d6	6.60	99	1534020	110.28	ng	0.01
23) Nitrobenzene-d5	7.54	82	1126818	108.14	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	441724	151.95	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1858773	87.69	ng	0.00
78) Terphenyl-d14	13.10	244	1846735	93.23	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	195487	34.919	ng	# 78
3) Pyridine	3.73	79	362551	23.545	ng	89
4) n-Nitrosodimethylamine	3.69	42	225090	39.645	ng	# 74
6) Aniline	6.64	93	167584	8.437	ng	94
8) 2-Chlorophenol	6.76	128	530508	44.543	ng	95
9) Benzaldehyde	6.53	77	111880	12.243	ng	95
10) Phenol	6.62	94	554674	37.527	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	541954	44.416	ng	96
12) 1,3-Dichlorobenzene	6.92	146	557669	41.111	ng	99
13) 1,4-Dichlorobenzene	6.99	146	564369	41.404	ng	98
14) 1,2-Dichlorobenzene	7.15	146	518600	41.000	ng	99
15) Benzyl Alcohol	7.11	79	473686	43.952	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	739836	42.631	ng	95
17) 2-Methylphenol	7.22	107	462269	43.585	ng	99
18) Hexachloroethane	7.49	117	213995	44.631	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	368234	41.308	ng	94
20) 3+4-Methylphenols	7.37	107	539298	40.066	ng	94
22) Acetophenone	7.38	105	723432	38.738	ng	# 96
24) Nitrobenzene	7.56	77	585736	47.882	ng	99
25) Isophorone	7.79	82	1109544	45.999	ng	100
26) 2-Nitrophenol	7.87	139	298266	60.920	ng	96
27) 2,4-Dimethylphenol	7.90	122	524999	50.806	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	712229	48.762	ng	99
29) 2,4-Dichlorophenol	8.11	162	468337	49.816	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	467656	42.888	ng	99
31) Naphthalene	8.28	128	1643894	44.786	ng	99
32) Benzoic acid	7.98	122	81660	18.794	ng	98
33) 4-Chloroaniline	8.32	127	49483	3.213	ng	98
34) Hexachlorobutadiene	8.39	225	247629	41.420	ng	99
35) Caprolactam	8.70	113	133129m	41.124	ng	
36) 4-Chloro-3-methylphenol	8.80	107	509492	49.159	ng	98
37) 2-Methylnaphthalene	8.97	142	1063498	45.688	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	422032	43.752	ng	98
40) Hexachlorocyclopentadiene	9.12	237	466322	93.689	ng	99

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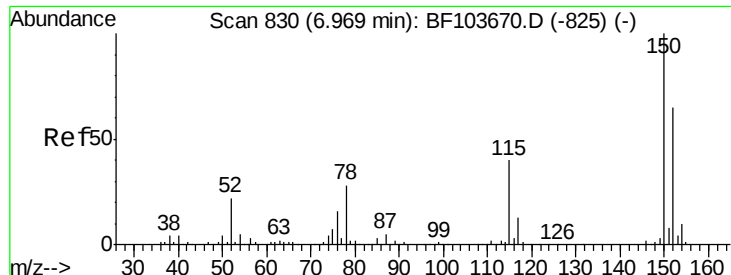
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	323592	52.448	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	344128	49.417	nq	98
45) 1,1'-Biphenyl	9.43	154	1225288	43.460	nq	100
46) 2-Chloronaphthalene	9.46	162	974147	43.502	nq	99
47) 2-Nitroaniline	9.56	65	313104	52.675	nq	96
48) Acenaphthylene	9.88	152	1489265	42.888	nq	99
49) Dimethylphthalate	9.73	163	1183455	45.877	nq	99
50) 2,6-Dinitrotoluene	9.80	165	274450	54.418	nq	95
51) Acenaphthene	10.05	154	968665	46.981	nq	99
52) 3-Nitroaniline	9.96	138	98123	18.917	nq	99
53) 2,4-Dinitrophenol	10.07	184	144835	87.467	nq	20
54) Dibenzofuran	10.23	168	1333045	45.268	nq	100
55) 4-Nitrophenol	10.13	139	424509	89.271	nq	95
56) 2,4-Dinitrotoluene	10.20	165	360553	55.863	nq	98
57) Fluorene	10.57	166	1015734	44.451	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	265916	53.891	nq	96
59) Diethylphthalate	10.43	149	1123073	43.864	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	462415	44.280	nq	96
61) 4-Nitroaniline	10.59	138	286073	49.567	nq	96
62) Azobenzene	10.72	77	1103182	42.381	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	123475	53.280	nq	82
65) n-Nitrosodiphenylamine	10.68	169	934212	45.893	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	292440	47.626	nq	87
67) Hexachlorobenzene	11.12	284	320469	45.728	nq	95
68) Atrazine	11.20	200	288339	45.790	nq	98
69) Pentachlorophenol	11.31	266	331121	82.183	nq	99
70) Phenanthrene	11.54	178	1453779	44.439	nq	99
71) Anthracene	11.59	178	1489116	44.817	nq	100
72) Carbazole	11.74	167	1438168	44.533	nq	99
73) Di-n-butylphthalate	12.06	149	1743091	44.983	nq	100
74) Fluoranthene	12.73	202	1507993	44.744	nq	100
77) Pyrene	12.96	202	1519391	44.996	nq	99
79) Butylbenzylphthalate	13.56	149	768508	51.369	nq	96
80) Benzo(a)anthracene	14.15	228	1358469	46.675	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	115186	11.832	nq	99
82) Chrysene	14.19	228	1267536	45.686	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	1050010	49.129	nq	99
84) Di-n-octyl phthalate	14.75	149	1696936	54.576	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	1162634	47.985	nq	98
87) Benzo(b)fluoranthene	15.24	252	1240634	47.751	nq	98
88) Benzo(k)fluoranthene	15.27	252	1125223	45.054	nq	100
89) Benzo(a)pyrene	15.63	252	1117031	47.402	nq	97
90) Dibenzo(a,h)anthracene	17.30	278	949483	46.532	nq	99
91) Benzo(g,h,i)perylene	17.76	276	973354	49.033	nq	98

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



#1

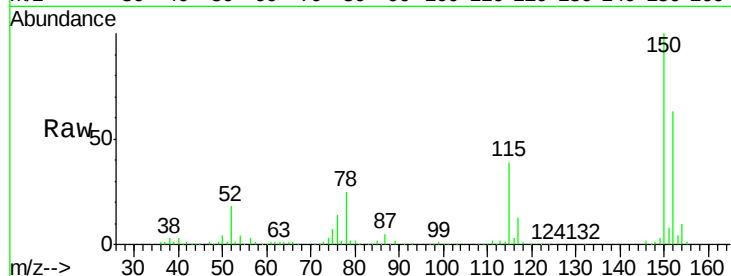
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.7	50.1	75.1

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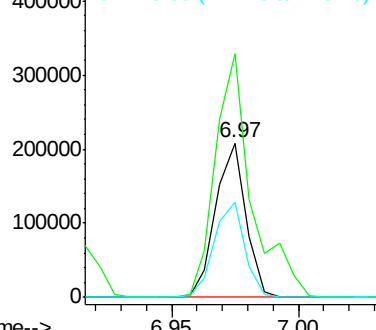


Abundance

Ion 152.00 (151.70 to 152.70): E

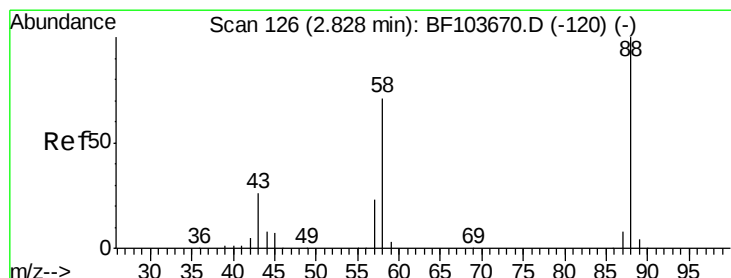
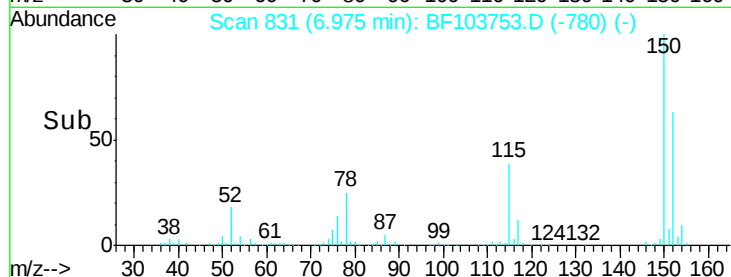
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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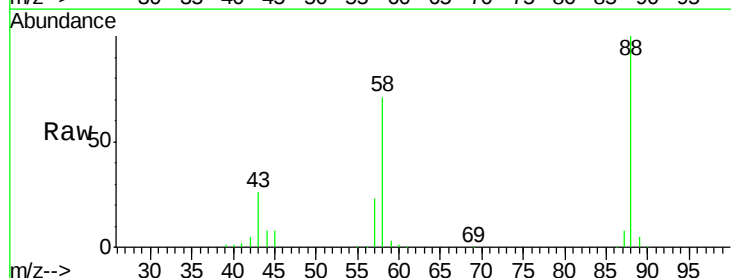
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#2

1,4-Dioxane
Concen: 34.919 ng
RT: 3.05 min Scan# 163
Delta R.T. 0.22 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	62.6	93.8
43	0.0	24.6	37.0

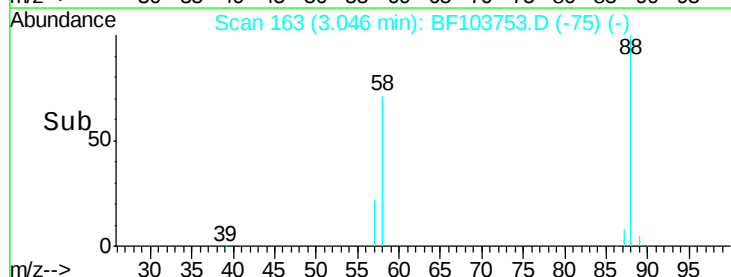
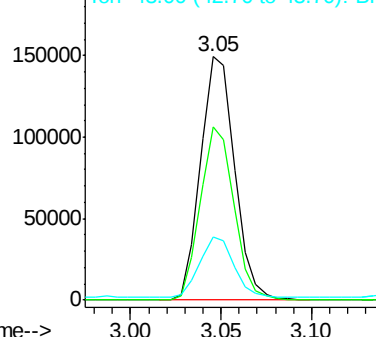


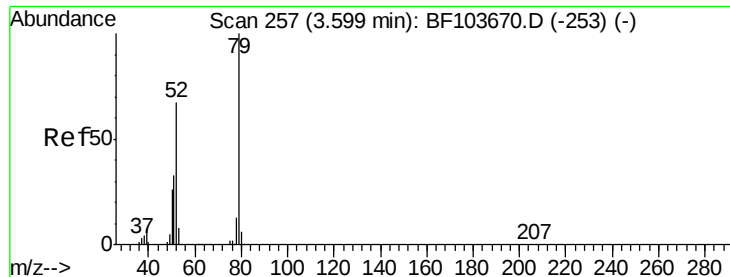
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





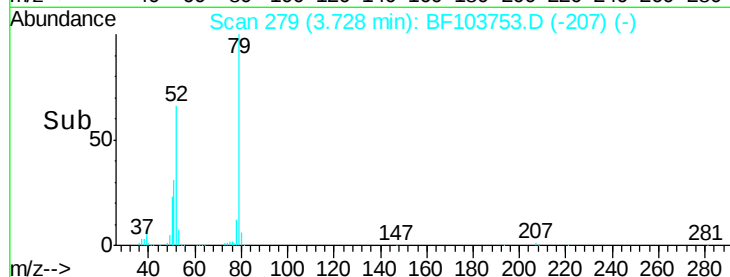
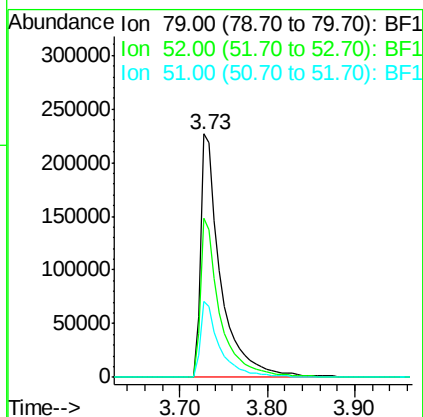
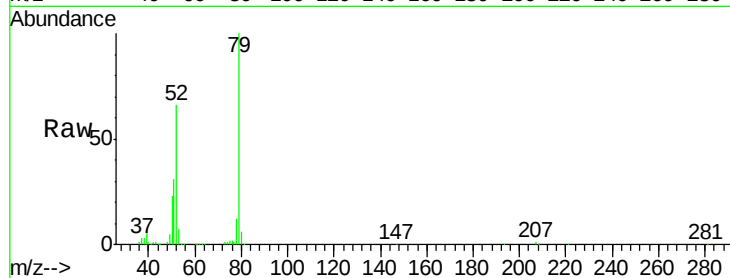
#3
 Pvridine
 Concen: 23.545 ng
 RT: 3.73 min Scan# 279
 Delta R.T. 0.12 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		362551		
52	65.6		59.8	89.6	
51	31.1		29.8	44.8	

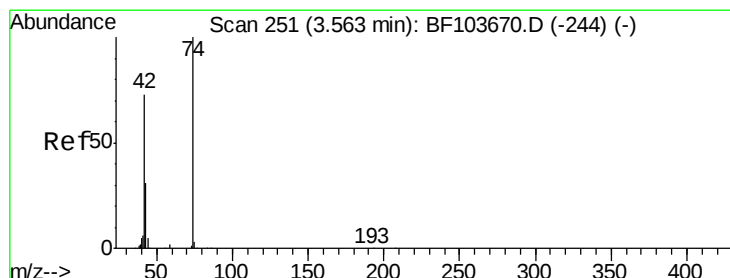
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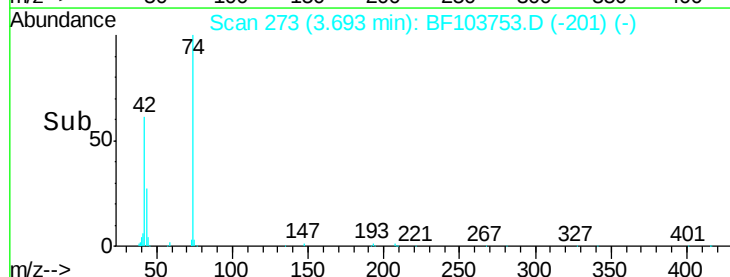
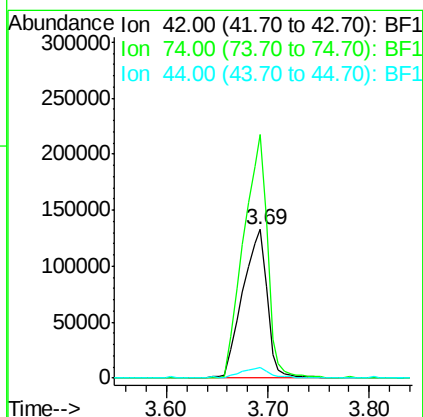
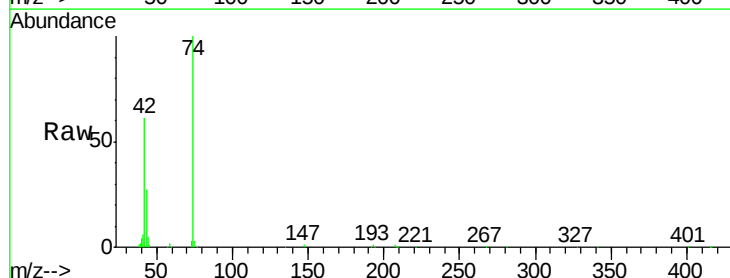
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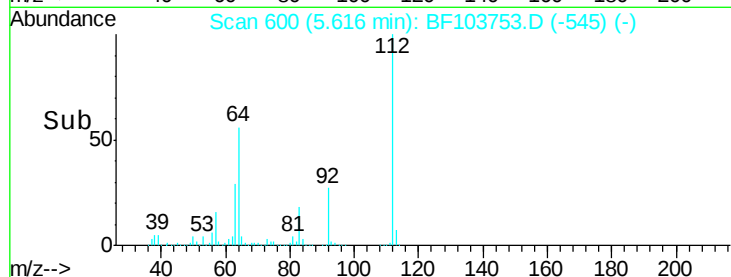
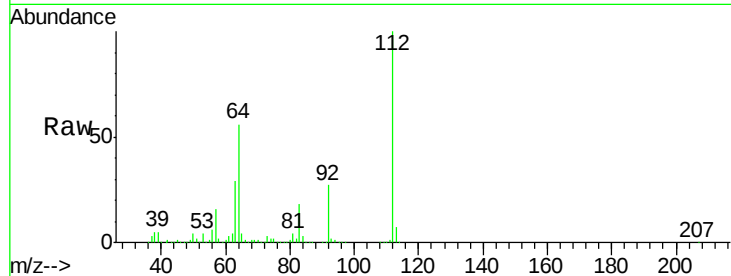
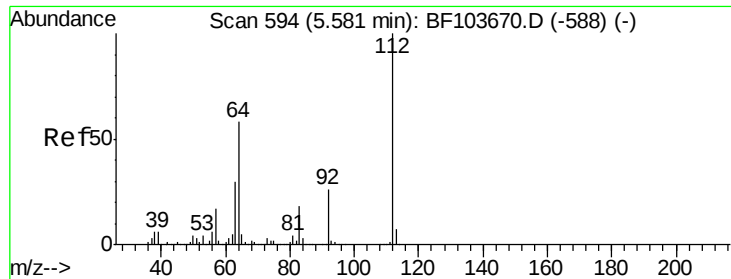
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#4
 n-Nitrosodimethylamine
 Concen: 39.645 ng
 RT: 3.69 min Scan# 273
 Delta R.T. 0.12 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		225090		
74	163.8		104.9	157.3#	
44	7.5		6.9	10.3	





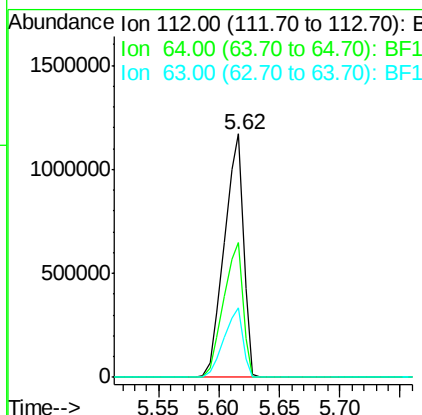
#5
2-Fluorophenol
Concen: 113.778 ng
RT: 5.62 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	28.6	23.7	35.5

Instrument :
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ClientSampleId :
HR-05-031518-AMS

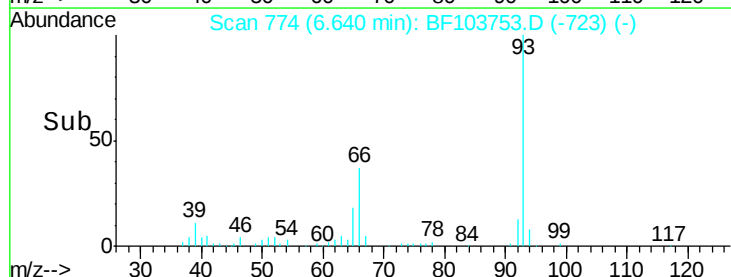
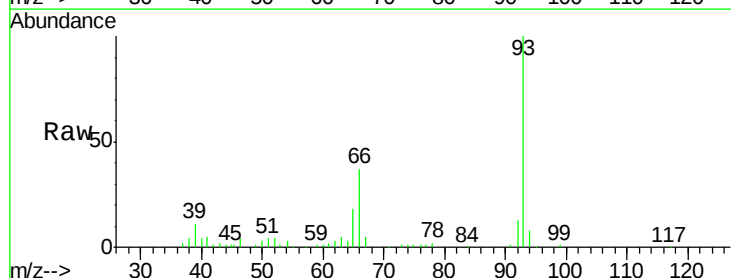
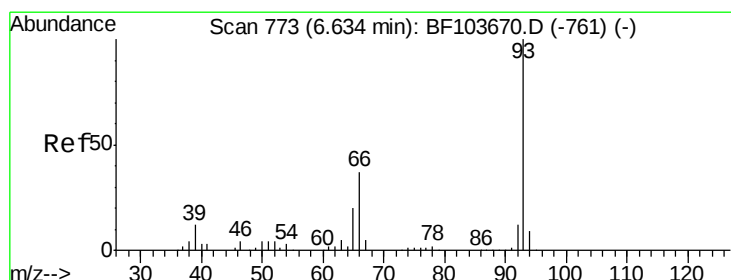
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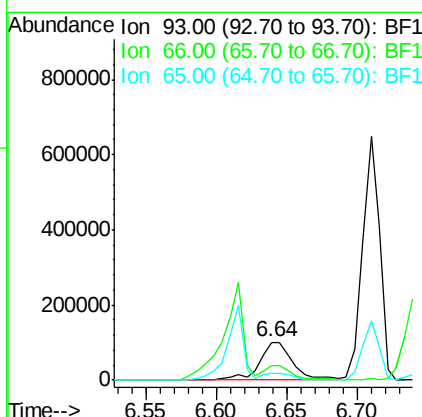
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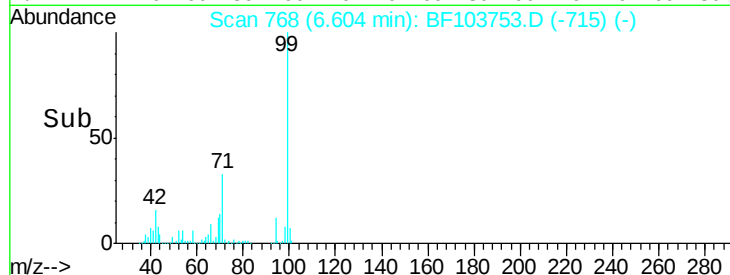
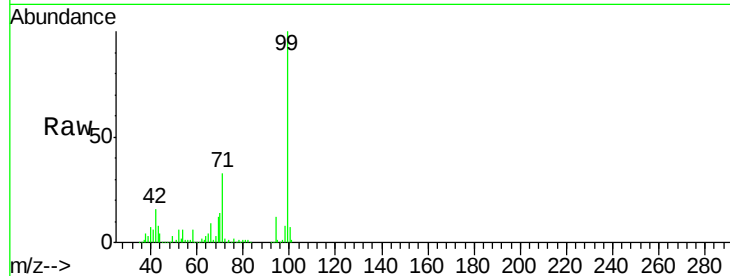
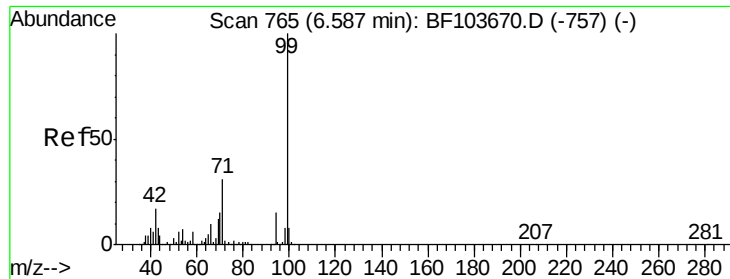
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#6
Aniline
Concen: 8.437 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.7	32.2	48.2
65	18.0	16.4	24.6





#7

Phenol-d6

Concen: 110.284 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tot Ion:	99	Resp:	1534020
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	32.6	25.4	38.0

Instrument :

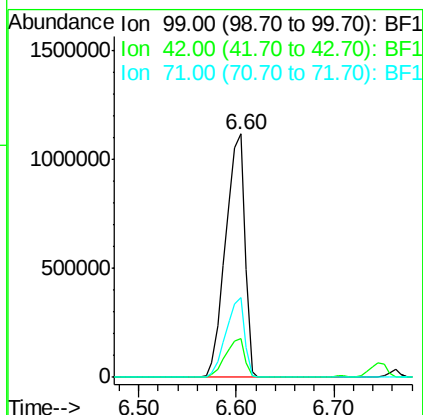
BNA_F

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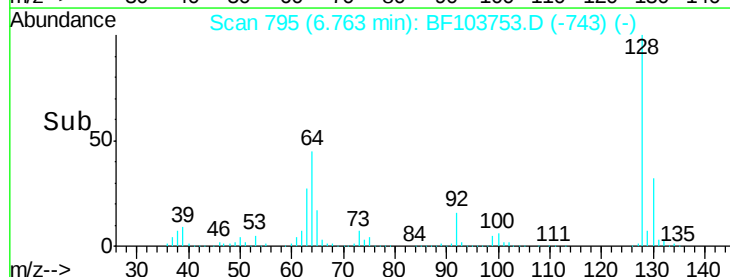
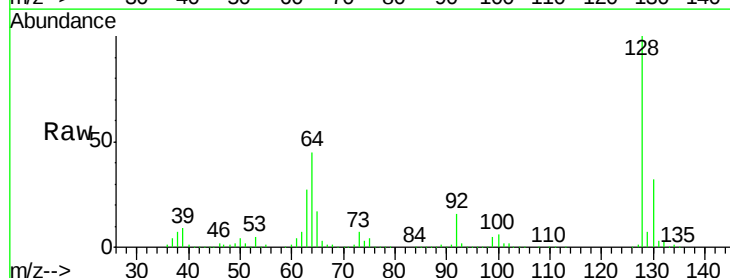
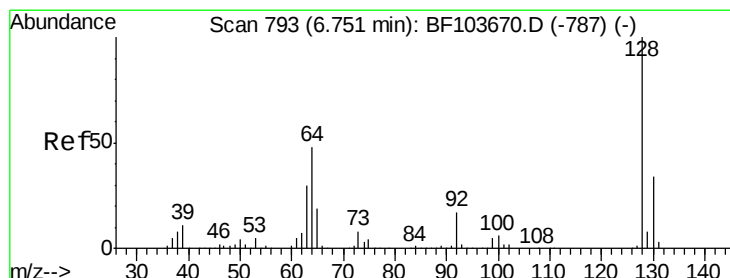
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#8

2-Chlorophenol

Concen: 44.543 ng

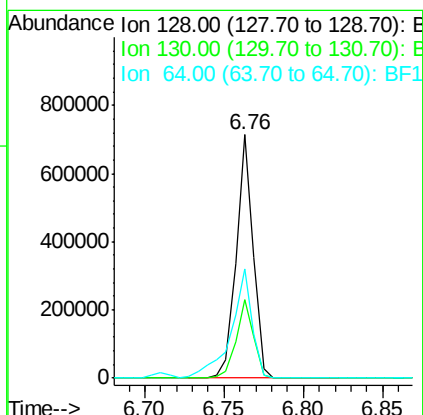
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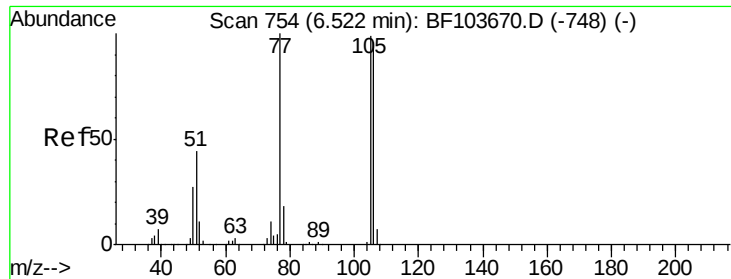
Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:	128	Resp:	530508
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	44.7	29.4	69.4





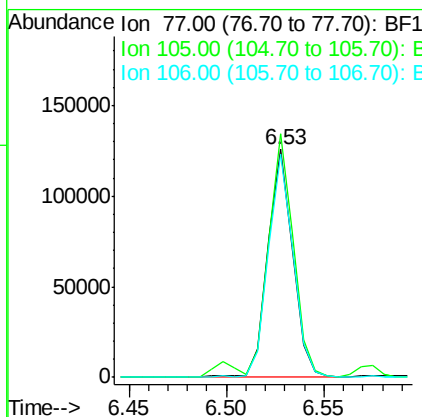
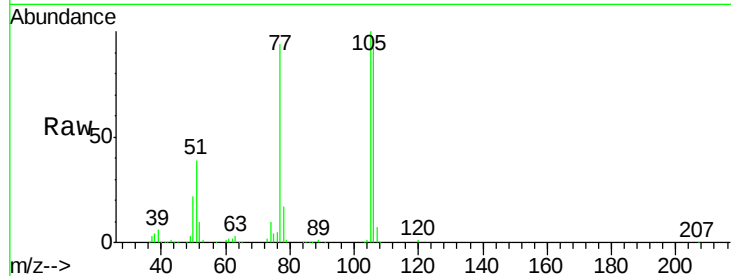
#9
Benzaldehyde
Concen: 12.243 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	106.7	81.1	121.1		
106	98.0	74.5	114.5		

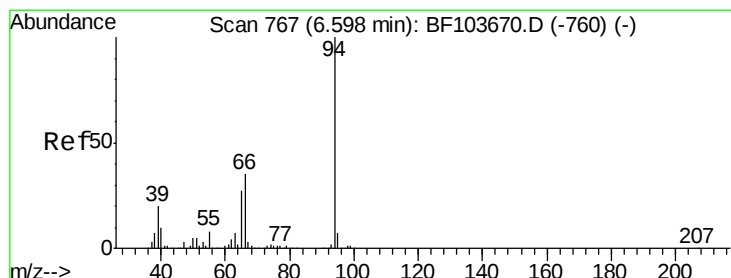
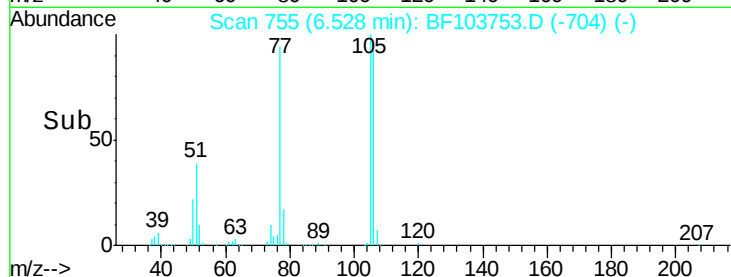
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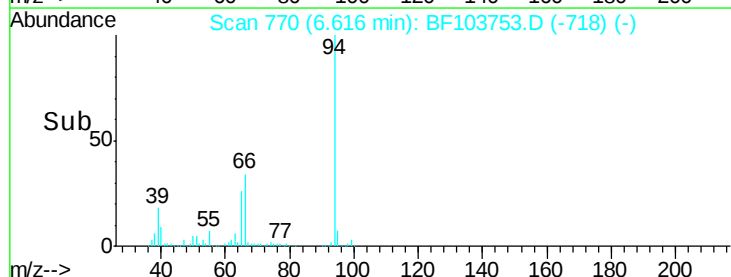
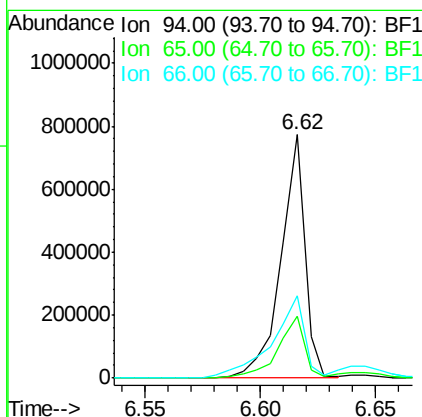
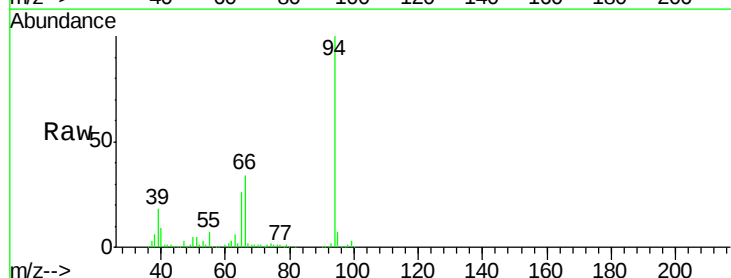
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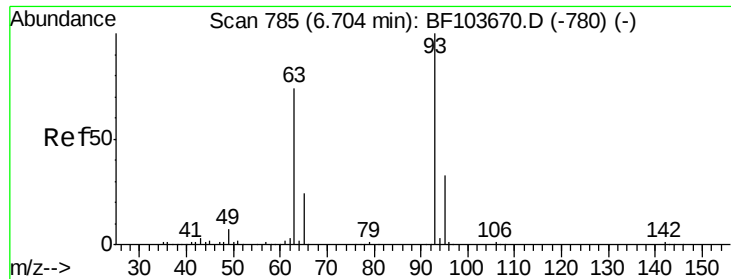
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#10
Phenol
Concen: 37.527 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	25.7	7.9	47.9		
66	33.7	16.2	56.2		





#11

bis(2-Chloroethyl)ether

Concen: 44.416 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

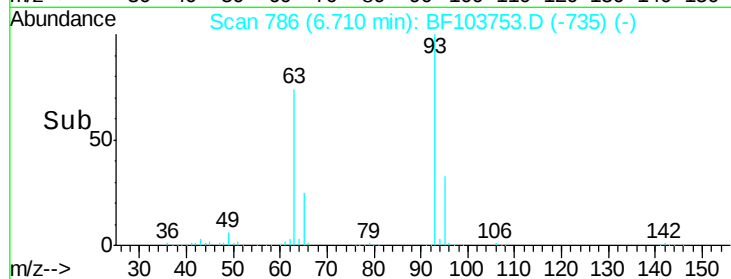
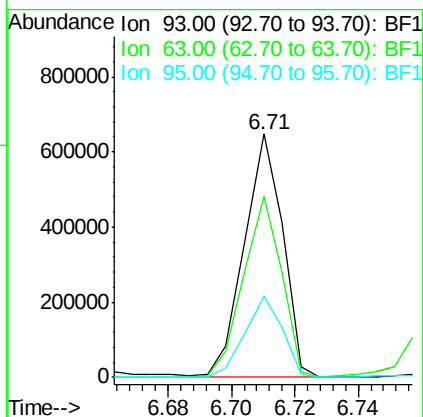
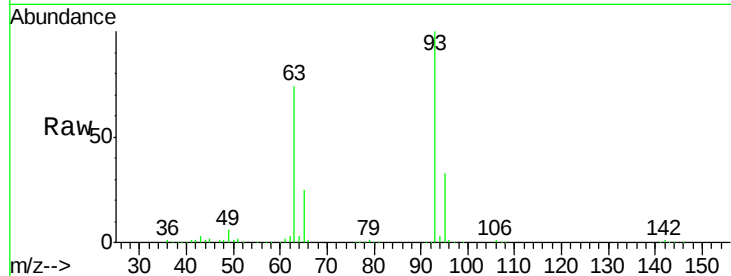
ClientSampleId :

HR-05-031518-AMS

Tot Ion:	93	Resp:	541954
Ion	Ratio	Lower	Upper
93	100		
63	74.2	58.6	98.6
95	33.1	11.8	51.8

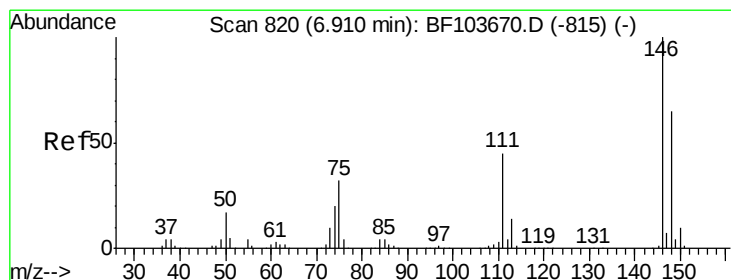
Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.111 ng

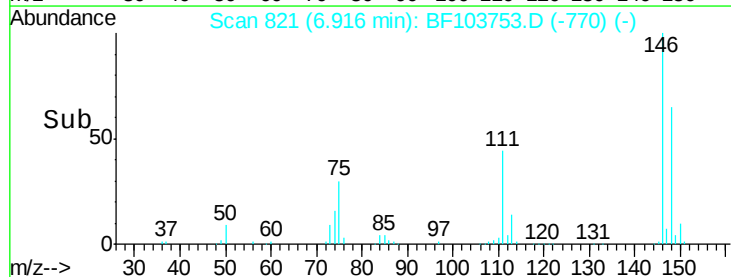
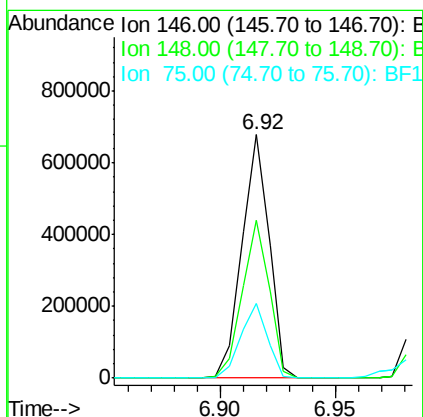
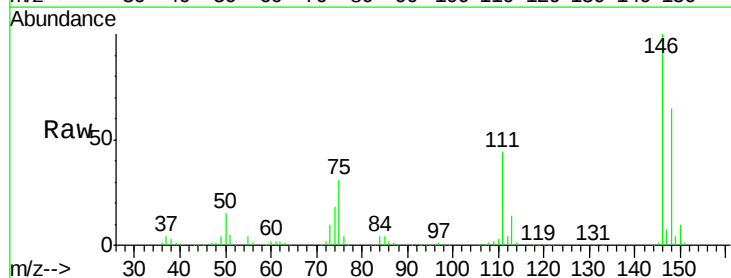
RT: 6.92 min Scan# 821

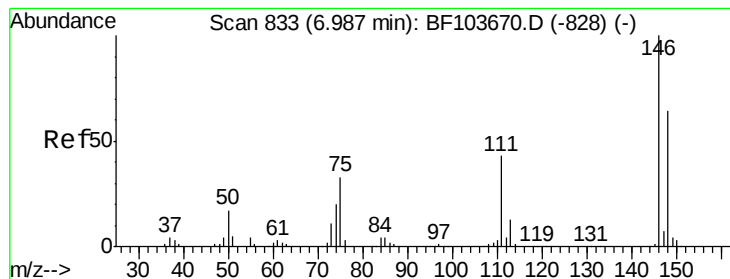
Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:	146	Resp:	557669
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	30.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.404 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

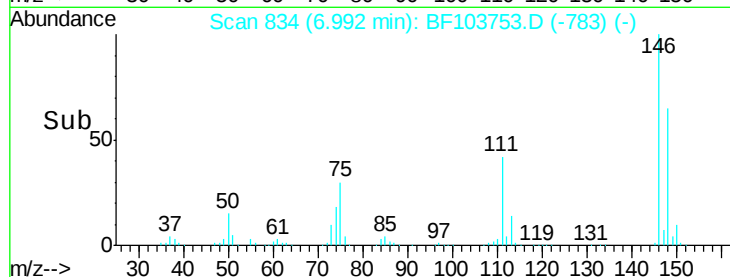
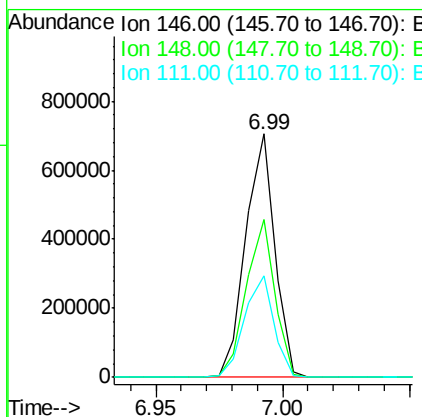
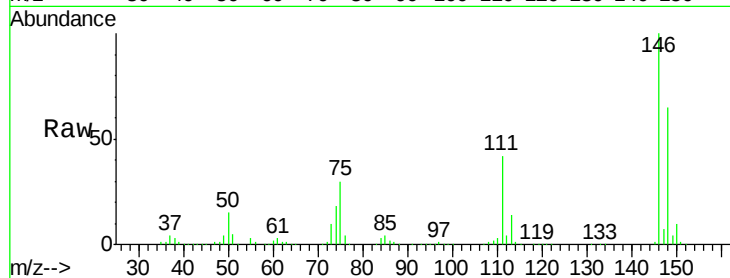
ClientSampleId :

HR-05-031518-AMS

Tot Ion:	146	Resp:	564369
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.8	76.2
111	41.9	34.2	51.2

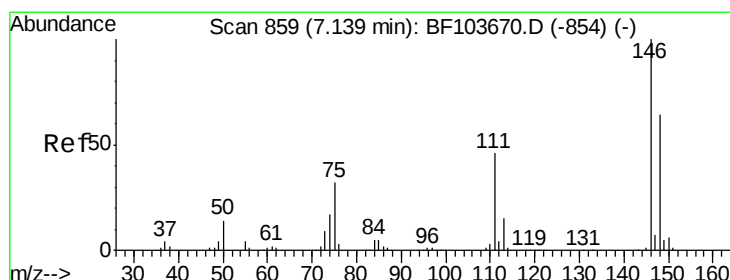
Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.000 ng

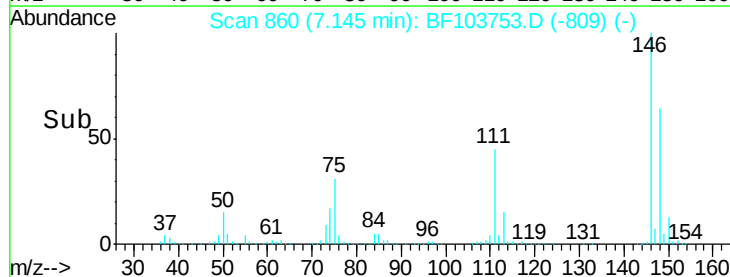
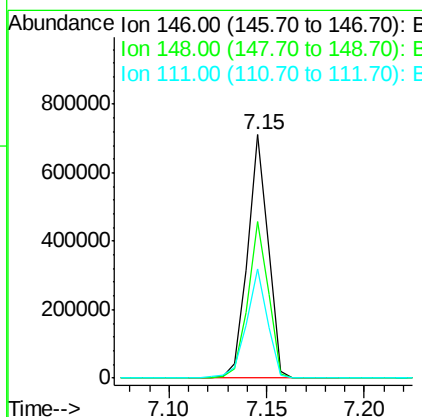
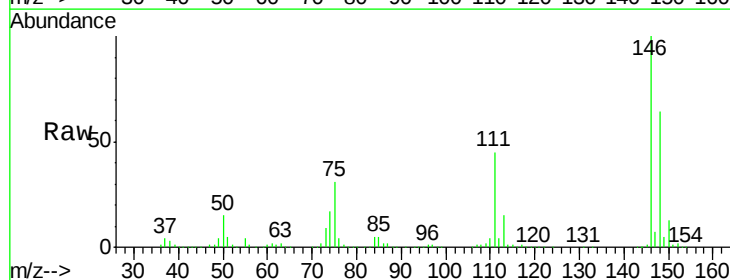
RT: 7.15 min Scan# 860

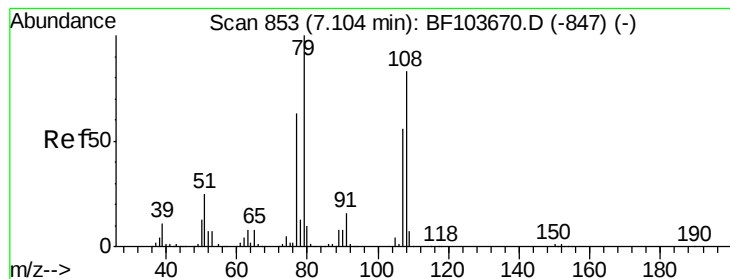
Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:	146	Resp:	518600
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	44.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.952 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

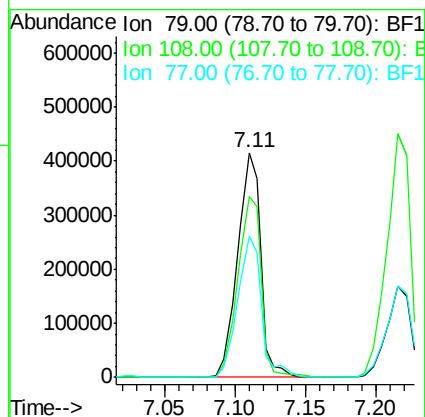
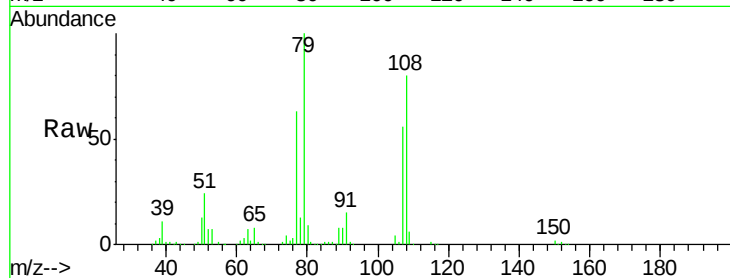
ClientSampled :

HR-05-031518-AMS

Tot Ion:	79	Resp:	473686
Ion	Ratio	Lower	Upper
79	100		
108	80.5	65.1	97.7
77	63.0	50.6	75.8

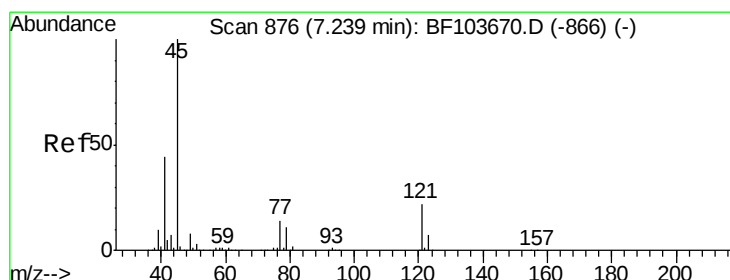
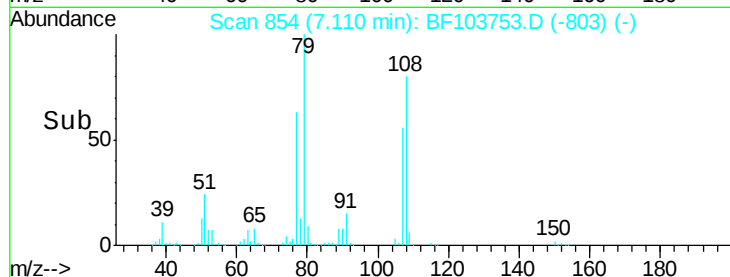
Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.631 ng

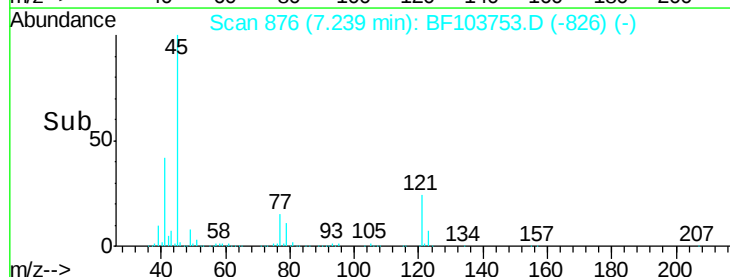
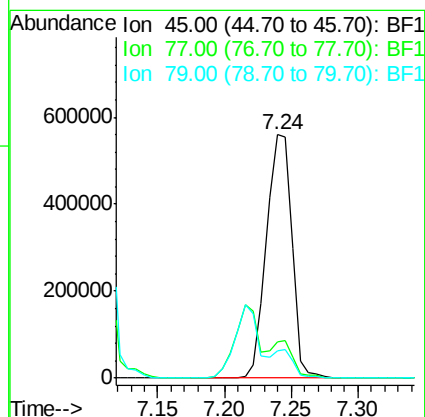
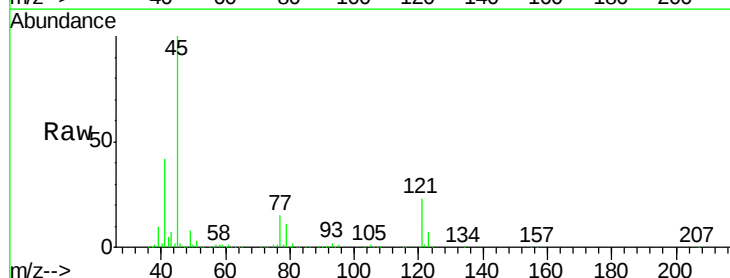
RT: 7.24 min Scan# 876

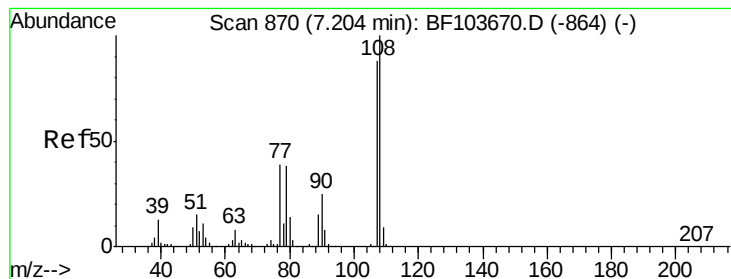
Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:	45	Resp:	739836
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	32.9
79	11.3	0.0	29.6





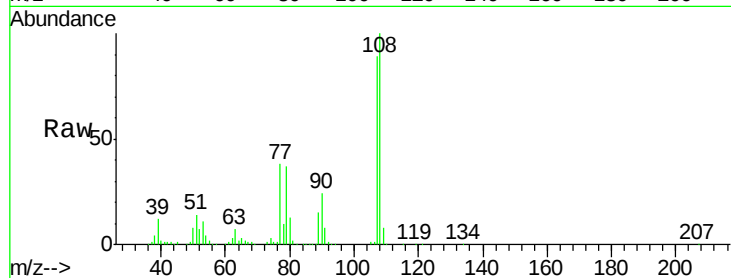
#17
2-Methylphenol
Concen: 43.585 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

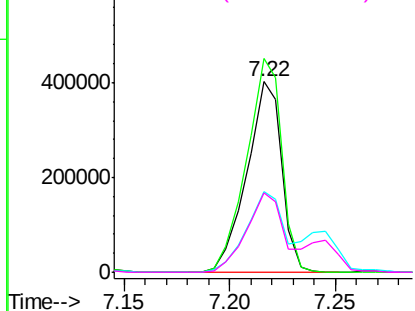
Tot Ion:	107	Resp:	462269
Ion Ratio	Lower	Upper	
107	100		
108	112.3	91.7	137.5
77	42.2	33.8	50.8
79	41.8	33.8	50.8

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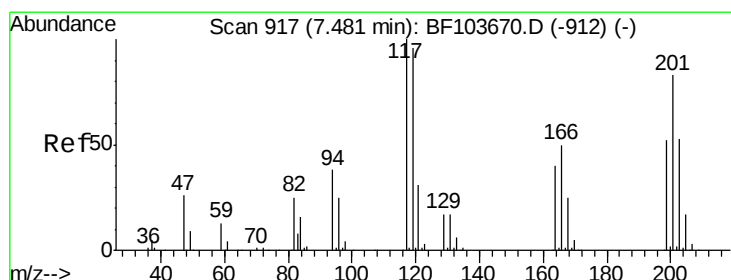
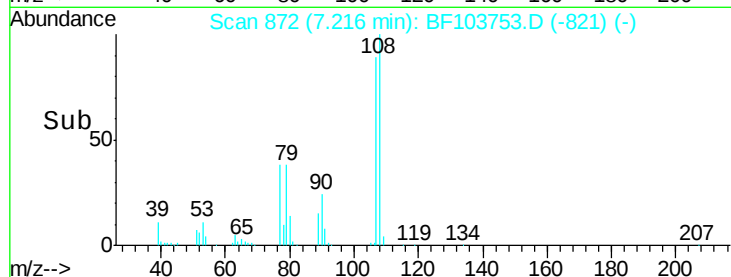


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



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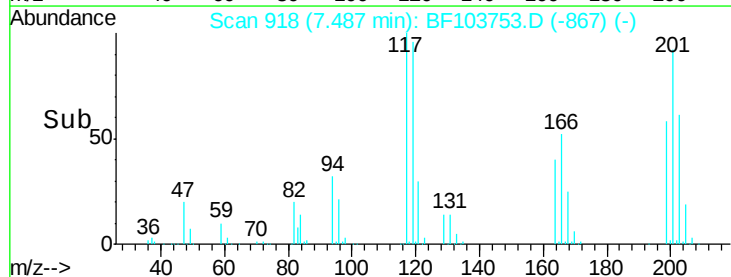
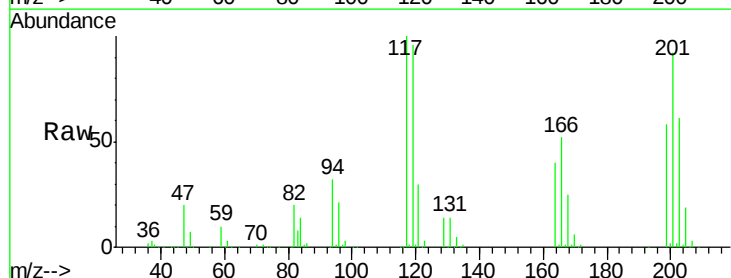
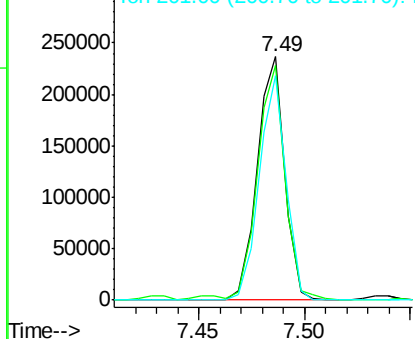
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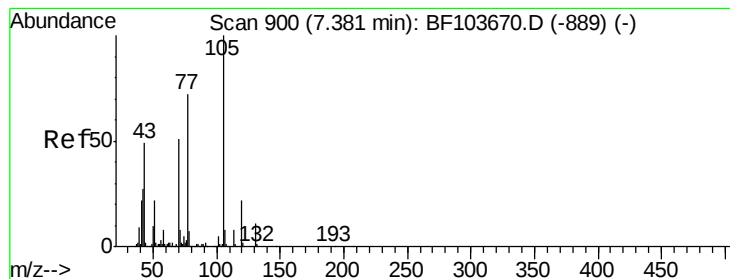


#18
Hexachloroethane
Concen: 44.631 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:	117	Resp:	213995
Ion Ratio	Lower	Upper	
117	100		
119	96.3	75.8	113.8
201	92.3	75.7	113.5

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.308 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMS

Tot Ion: 70 Resp: 368234

Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 9.6 7.4 11.2

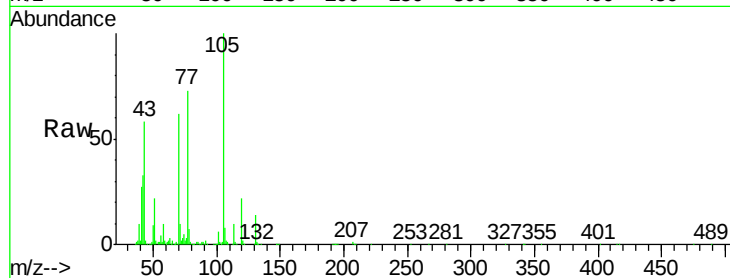
130 22.6 16.6 25.0

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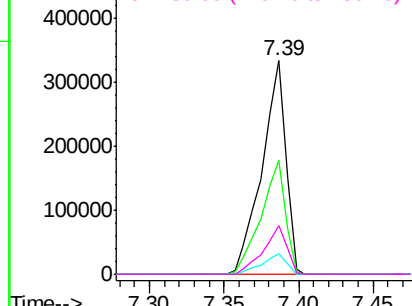
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

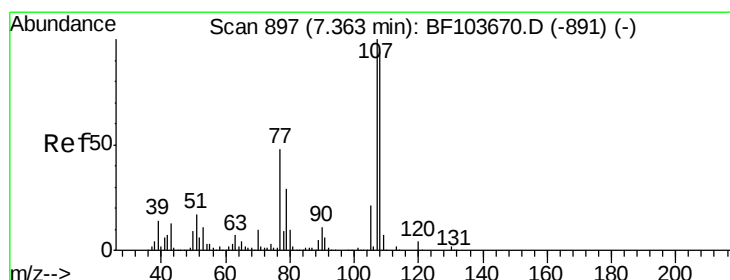
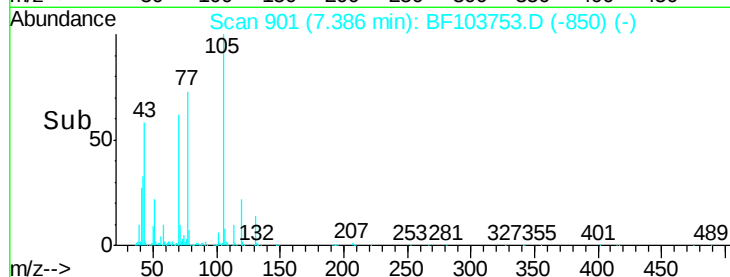
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



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#20

3+4-Methylphenols

Concen: 40.066 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:107 Resp: 539298

Ion Ratio Lower Upper

107 100

108 87.4 68.2 108.2

77 58.4 26.7 66.7

79 26.2 6.3 46.3

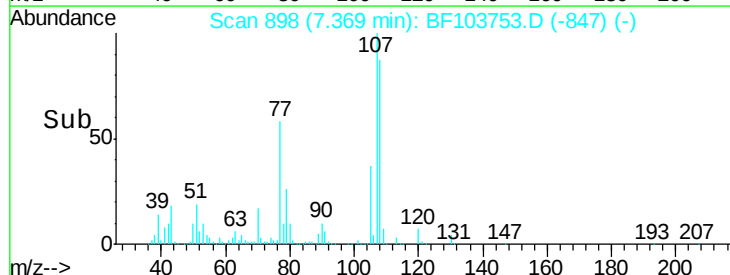
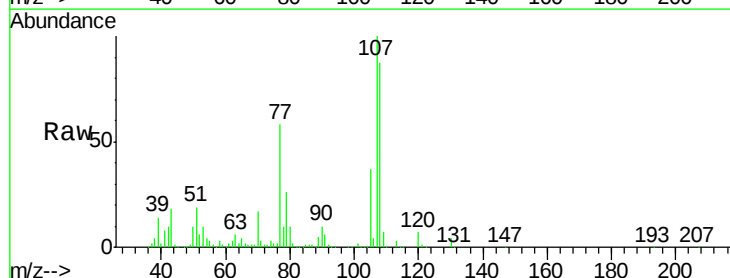
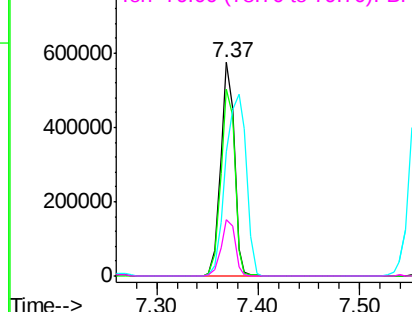
Abundance

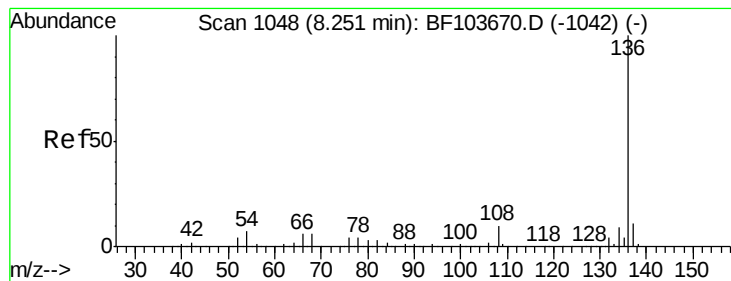
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

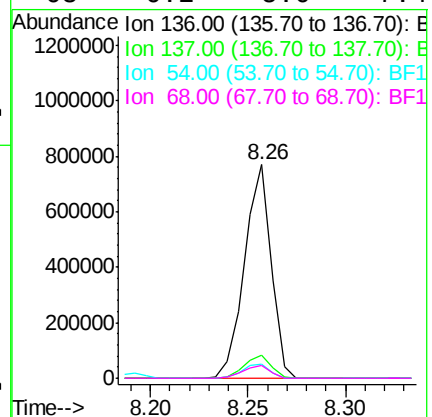
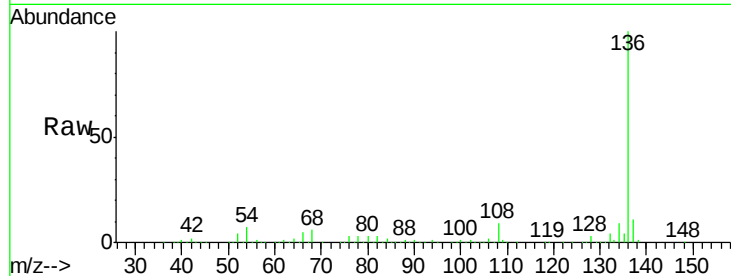
ClientSampleId :

HR-05-031518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	726635		
137	11.1	8.9	13.3	
54	6.8	6.6	9.8	
68	6.2	5.0	7.4	

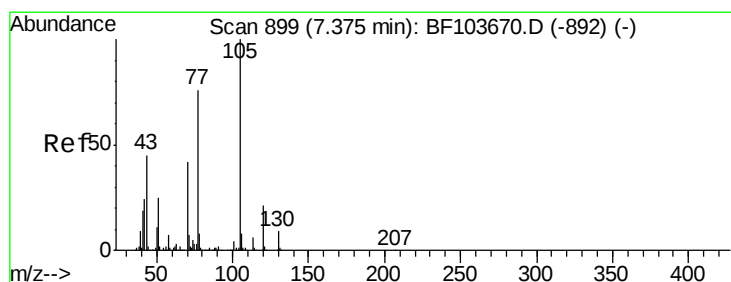
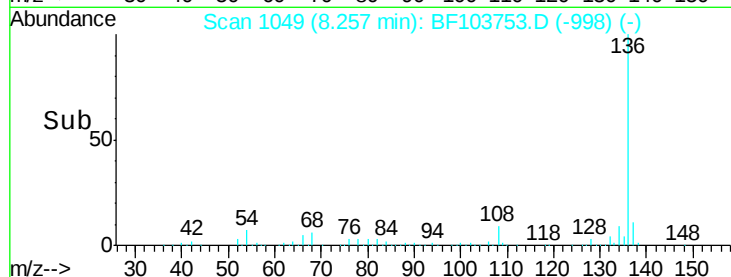
Manual Integrations
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#22

Acetophenone

Concen: 38.738 ng

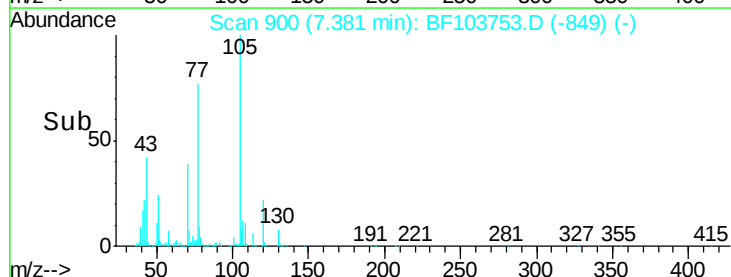
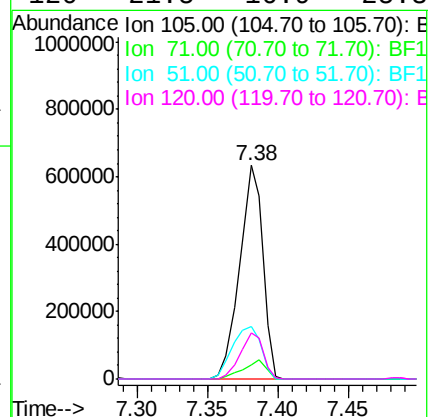
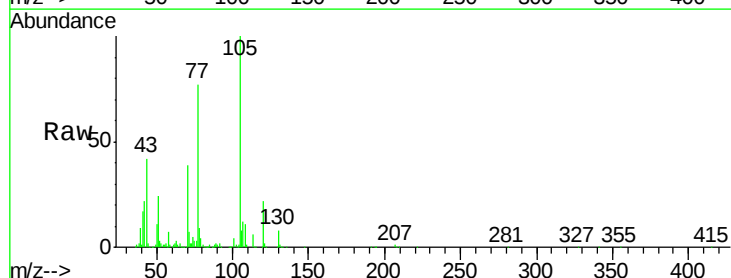
RT: 7.38 min Scan# 900

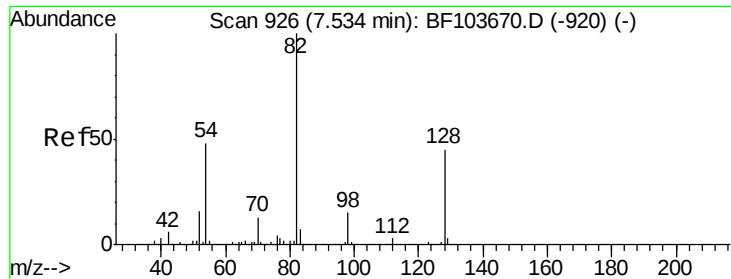
Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	723432		
71	6.7	4.4	6.6#	
51	24.3	22.3	33.5	
120	21.5	16.9	25.3	





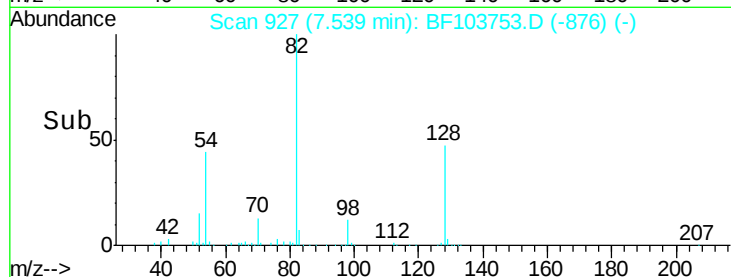
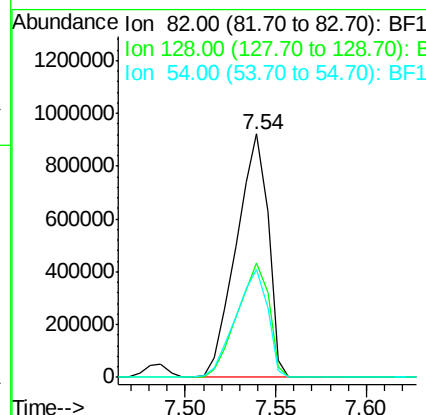
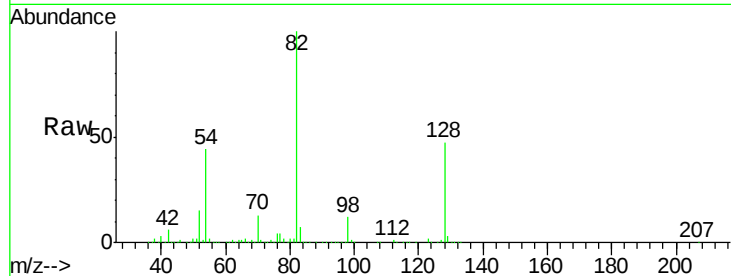
#23
Nitrobenzene-d5
Concen: 108.142 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	82	Resp	1126818
Ion Ratio	100	Lower	Upper
128	47.1	36.1	54.1
54	44.1	41.4	62.2

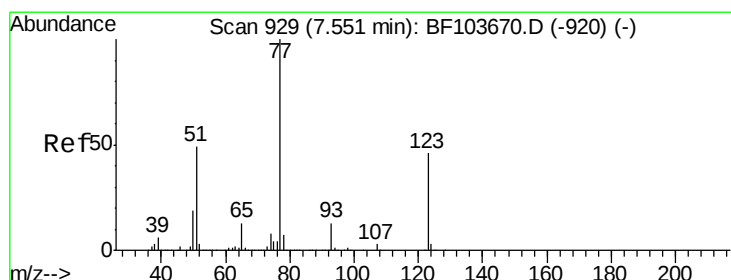
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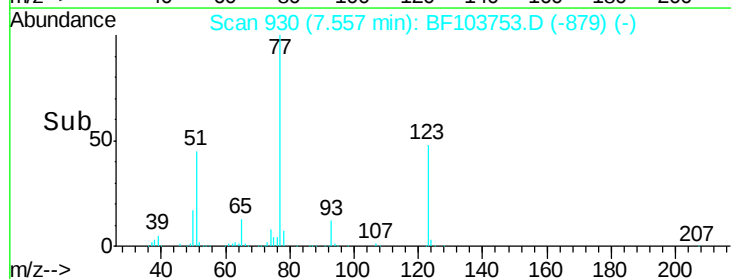
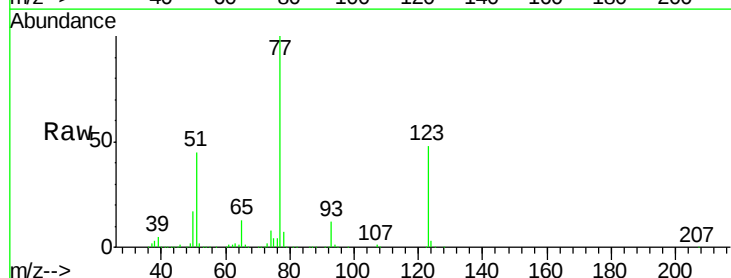
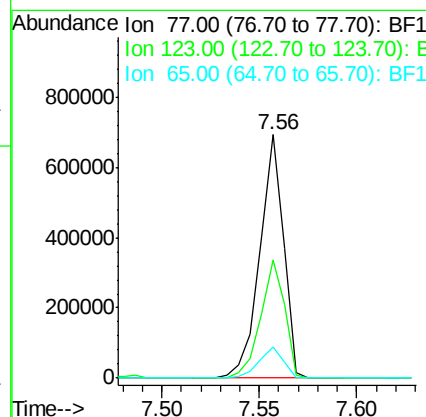
Sohil

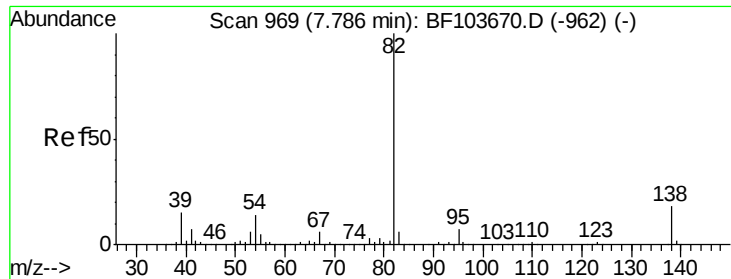
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#24
Nitrobenzene
Concen: 47.882 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	77	Resp	585736
Ion Ratio	100	Lower	Upper
123	48.3	37.9	56.9
65	13.0	11.0	16.4





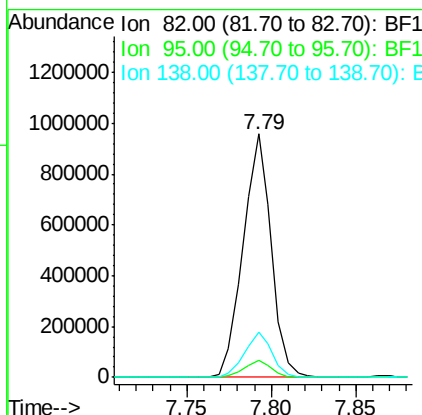
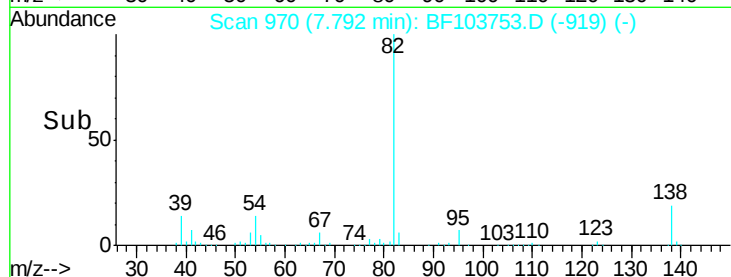
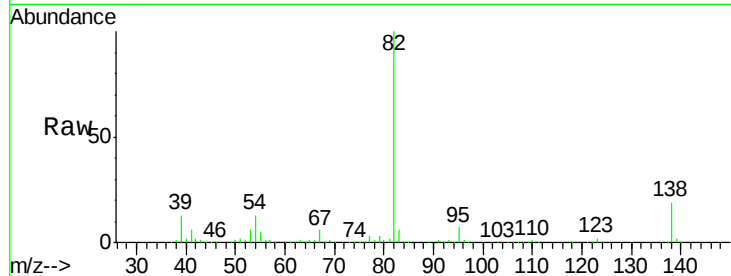
#25
Isophorone
Concen: 45.999 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion: 82 Resp: 1109544
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.7 14.9 22.3

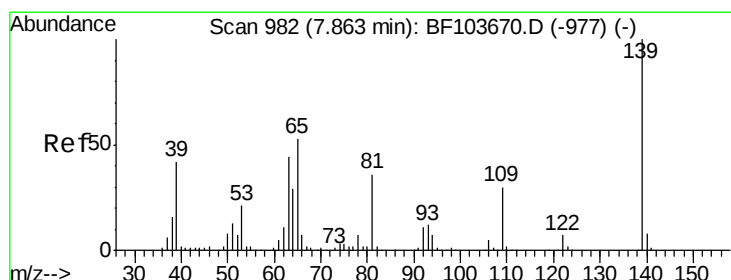
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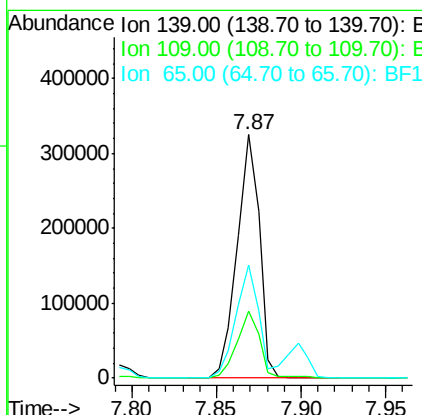
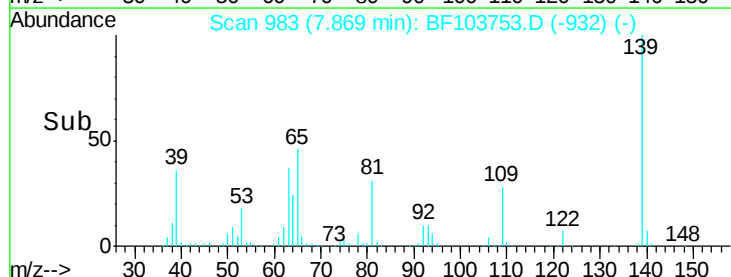
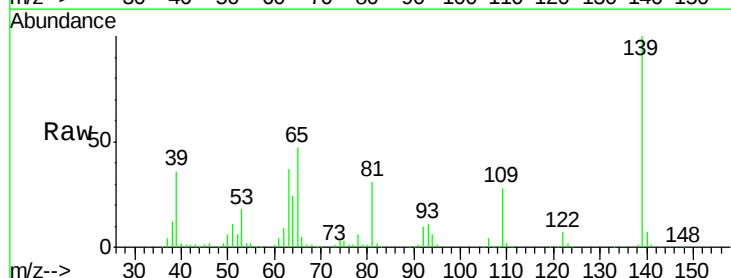
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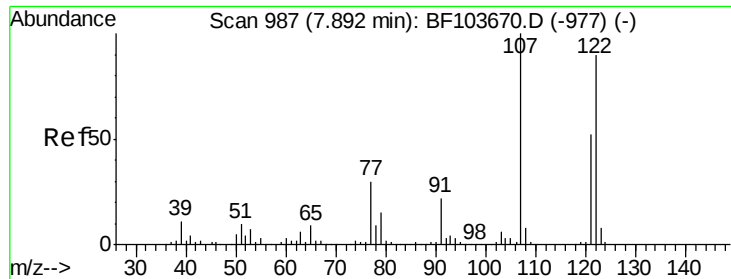
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#26
2-Nitrophenol
Concen: 60.920 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion: 139 Resp: 298266
Ion Ratio Lower Upper
139 100
109 27.6 22.7 34.1
65 46.6 40.5 60.7





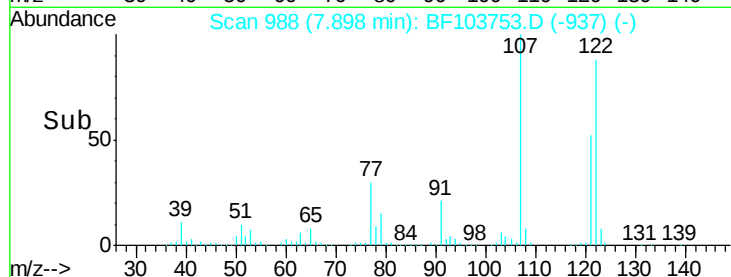
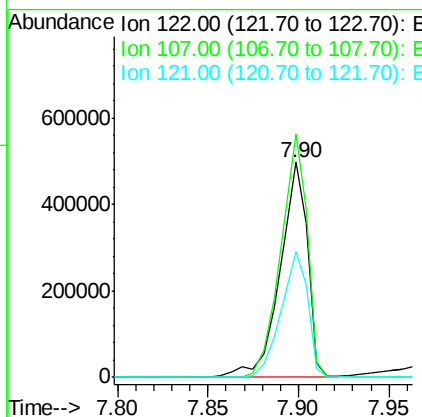
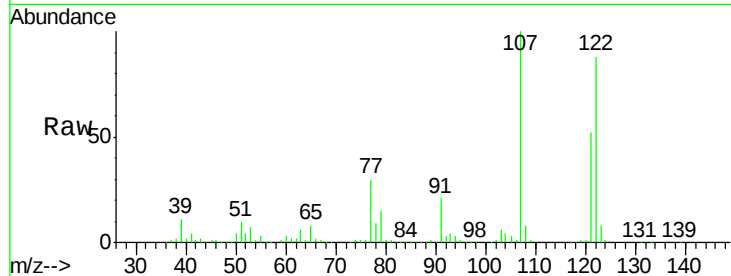
#27
2,4-Dimethylphenol
Concen: 50.806 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	58.8	47.2	70.8

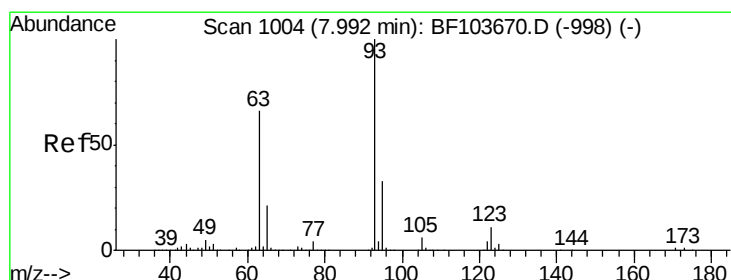
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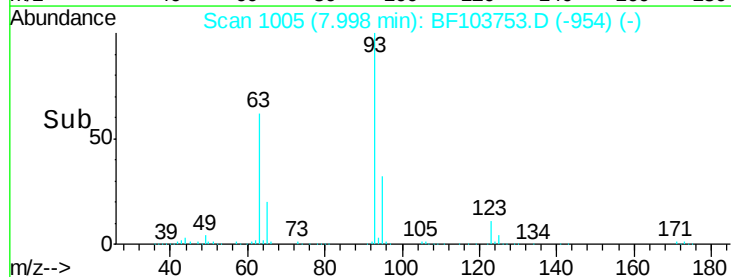
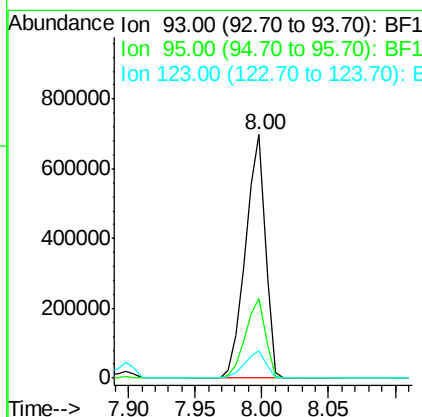
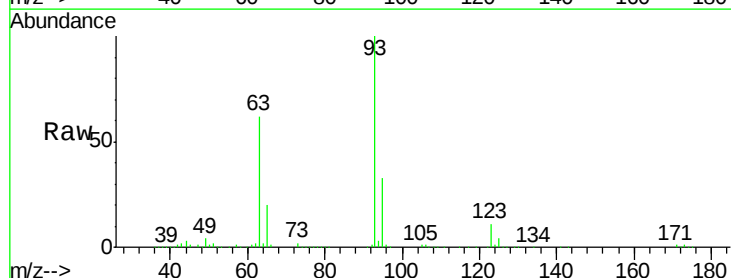
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#28
bis(2-Chloroethoxy)methane
Concen: 48.762 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.5	9.8	14.6





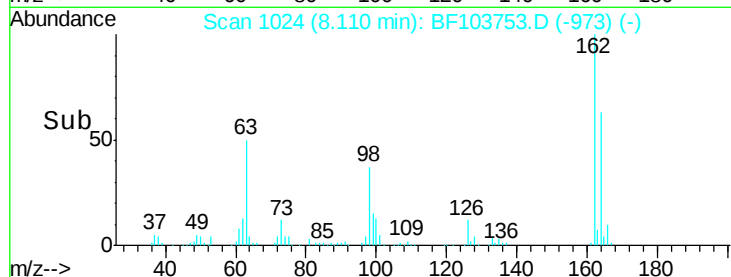
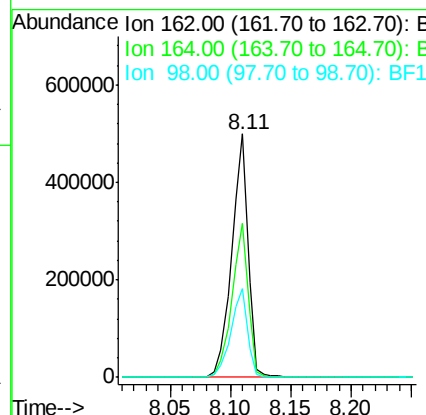
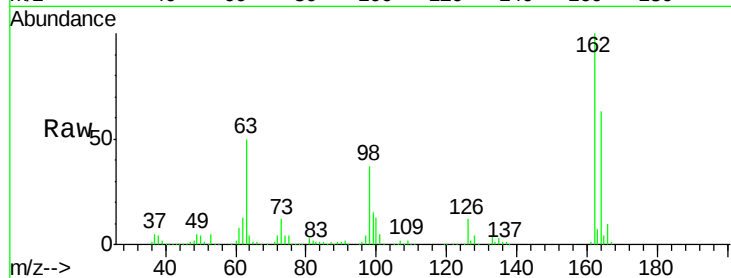
#29
 2,4-Dichlorophenol
 Concen: 49.816 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Tot Ion:	162	Resp:	468337
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.7	82.7
98	36.6	18.1	58.1

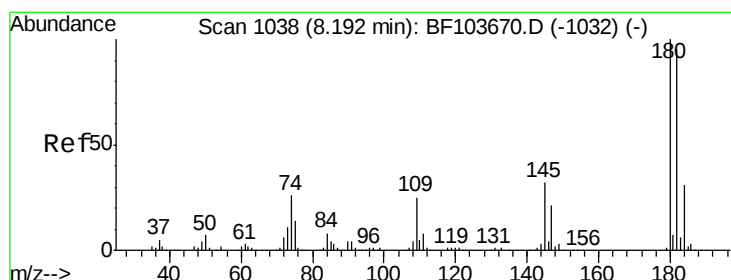
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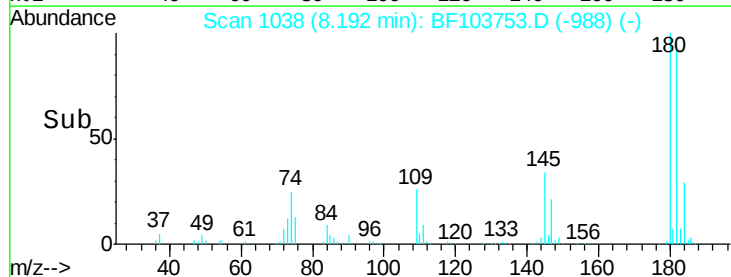
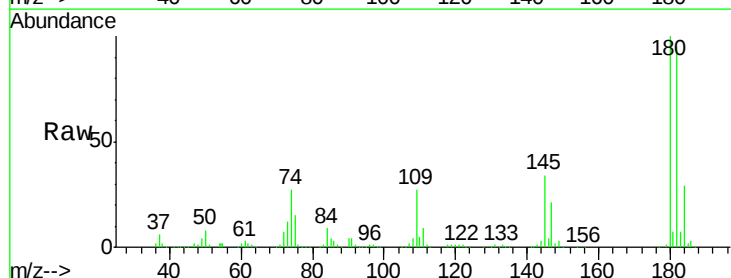
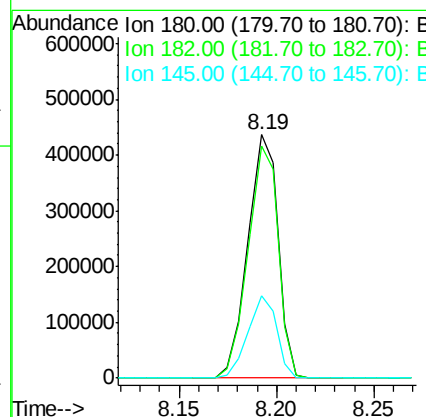
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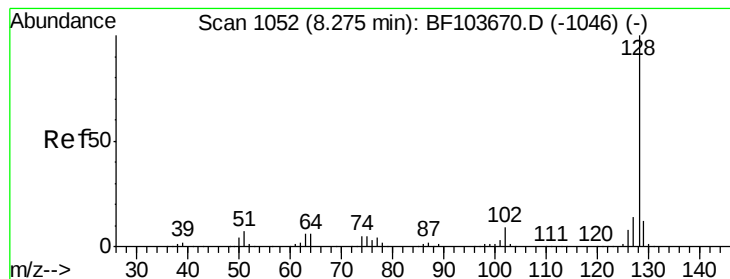
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.888 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:	180	Resp:	467656
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.8	115.2
145	33.8	26.5	39.7





#31

Naphthalene

Concen: 44.786 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMS

Tot Ion:128 Resp: 1643894

Ion Ratio Lower Upper

128 100

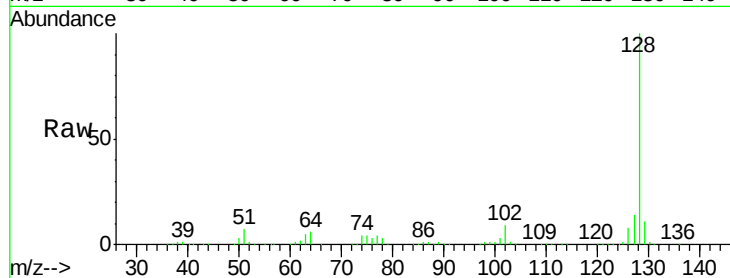
129 11.4 8.8 13.2

127 13.5 10.9 16.3

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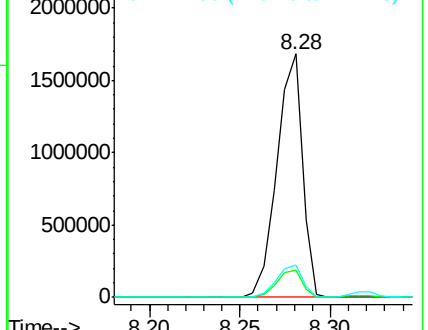
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Abundance Ion 128.00 (127.70 to 128.70): E

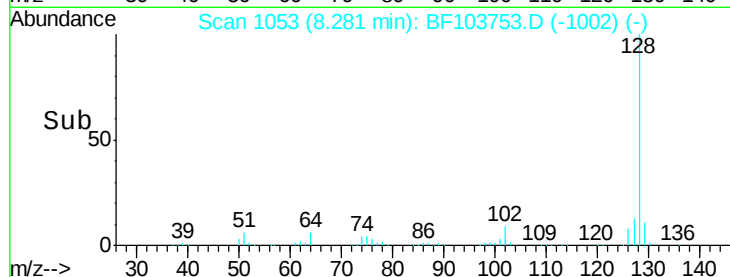
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 18.794 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.04 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

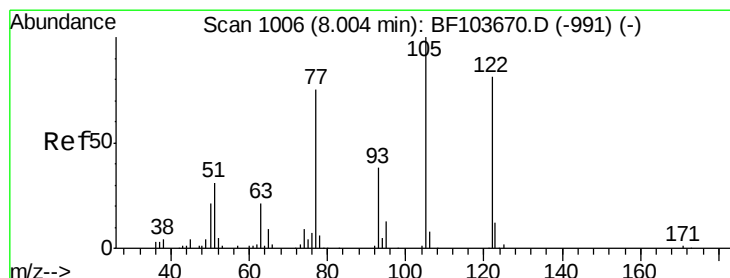
Tgt Ion:122 Resp: 81660

Ion Ratio Lower Upper

122 100

105 120.0 101.1 141.1

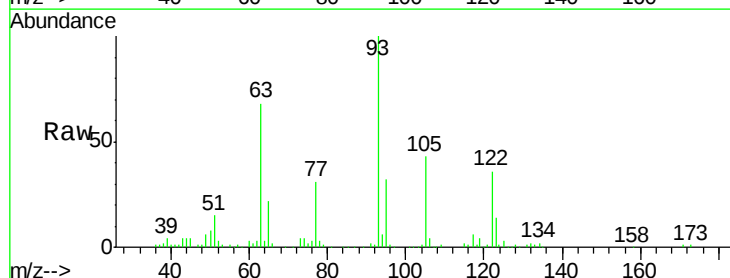
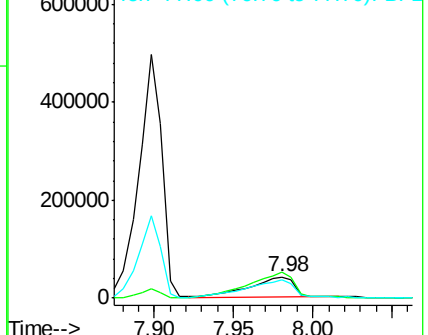
77 86.9 70.7 110.7

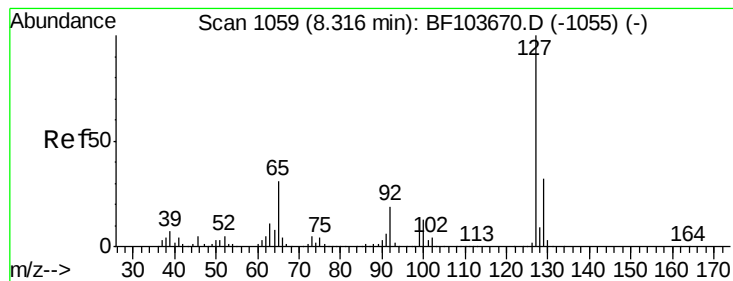


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





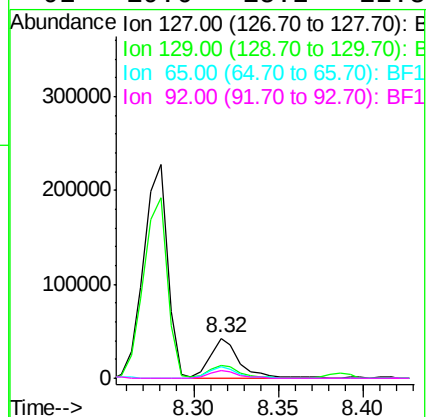
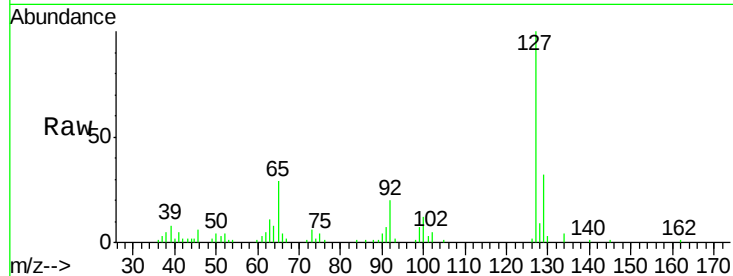
#33
4-Chloroaniline
Concen: 3.213 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		49483		
129	32.3		25.9	38.9	
65	29.2		25.0	37.4	
92	19.6		15.2	22.8	

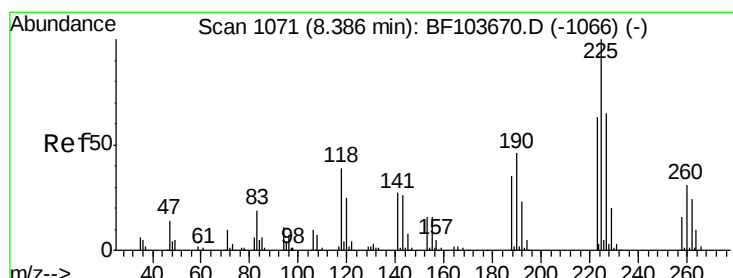
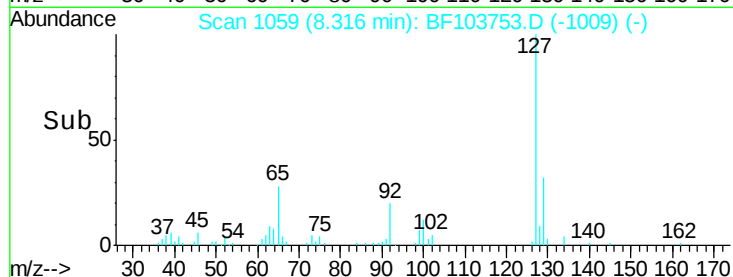
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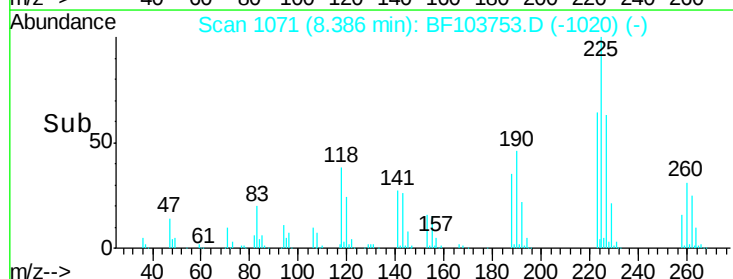
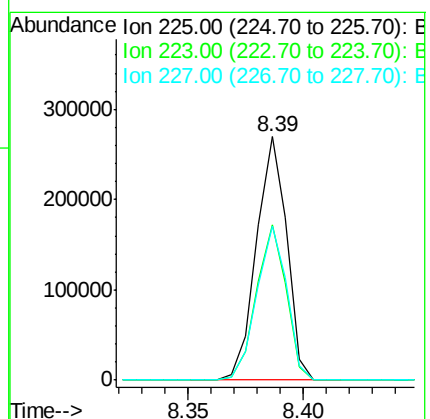
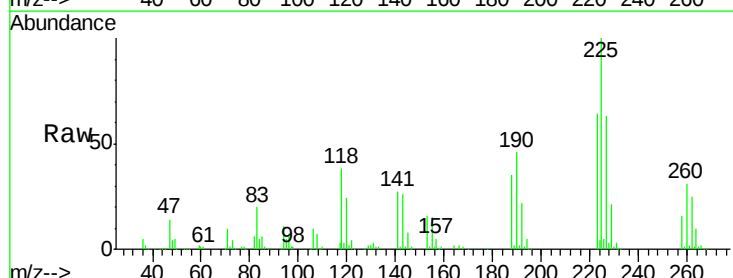
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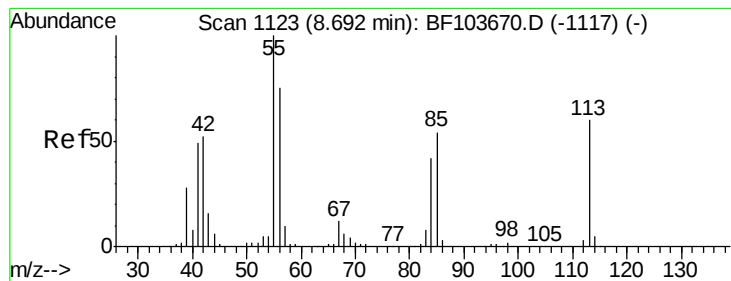
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#34
Hexachlorobutadiene
Concen: 41.420 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		247629		
223	63.7		50.6	76.0	
227	63.3		51.9	77.9	





#35

Caprolactam

Concen: 41.124 ng/mL

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMS

Tot Ion: 113 Resp: 133129

Ion Ratio Lower Upper

113 100

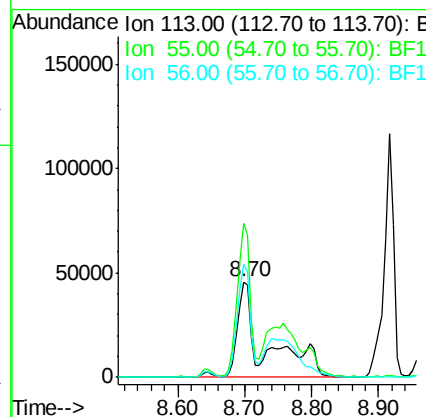
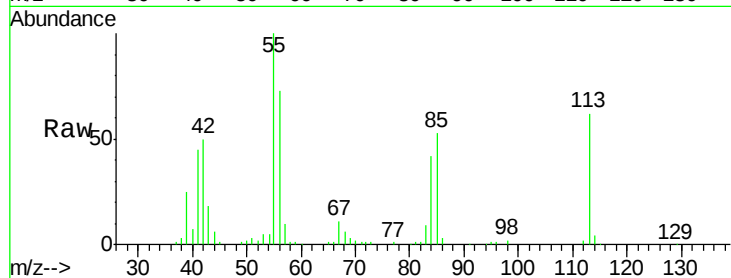
55 161.8 163.3 203.3#

56 118.7 115.7 155.7

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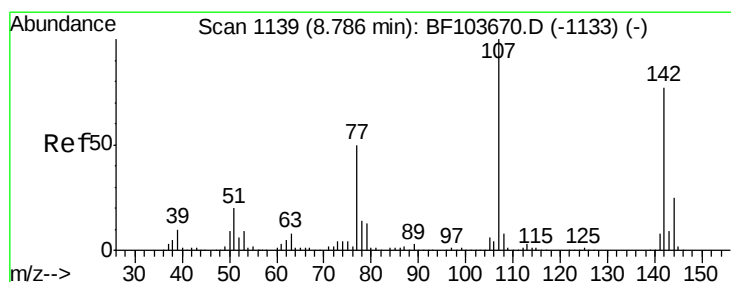
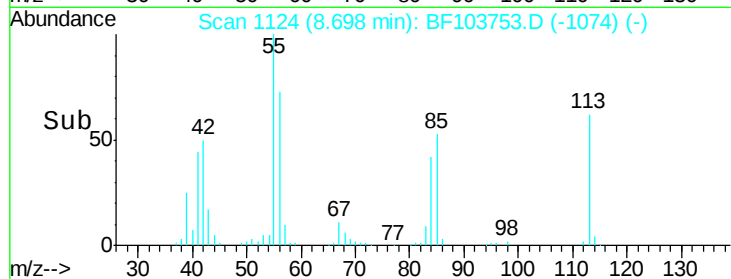
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#36

4-Chloro-3-methylphenol

Concen: 49.159 ng/mL

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

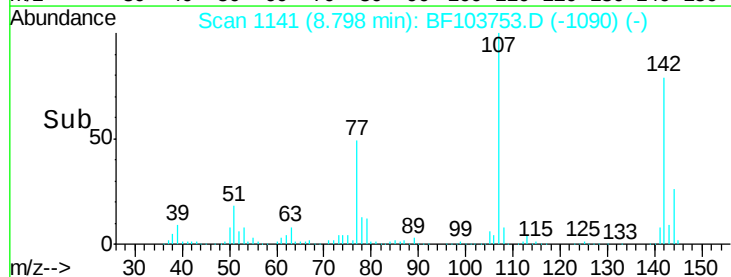
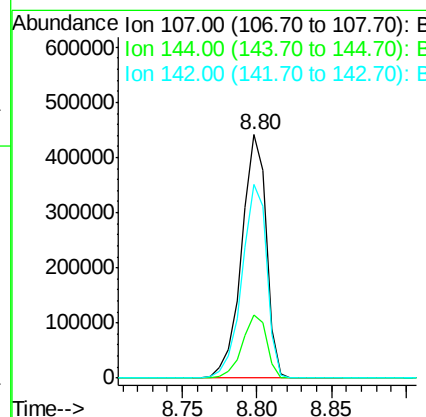
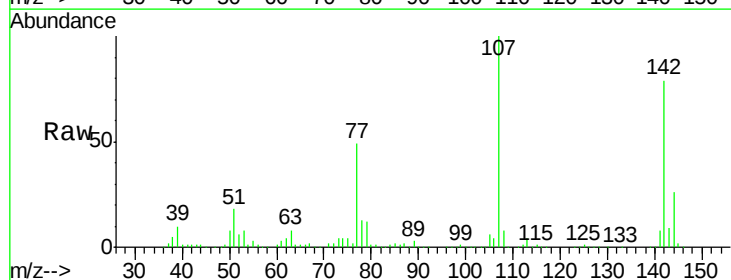
Tgt Ion: 107 Resp: 509492

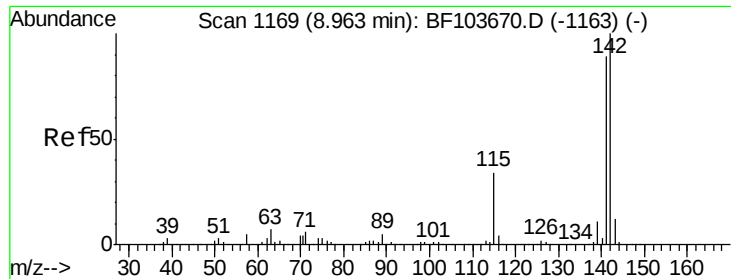
Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

142 79.5 62.0 93.0





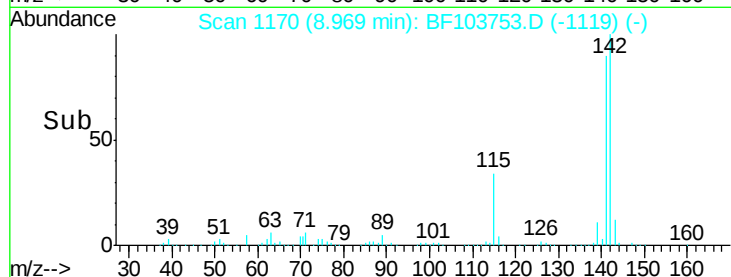
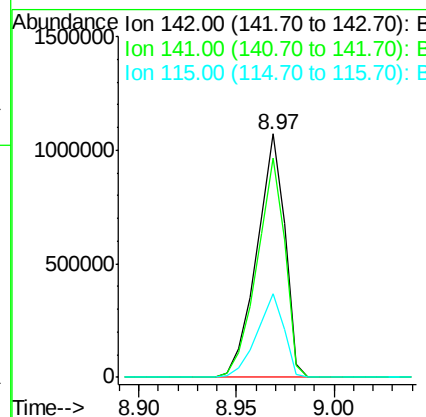
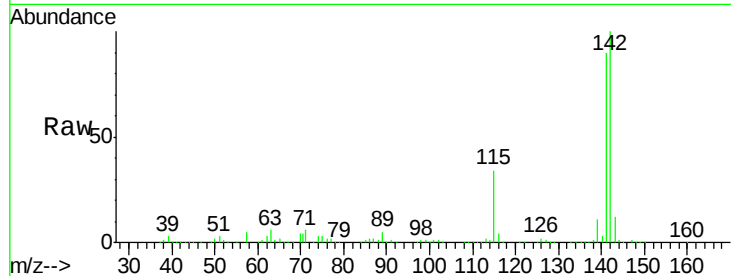
#37
2-Methylnaphthalene
Concen: 45.688 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.3	26.1	39.1

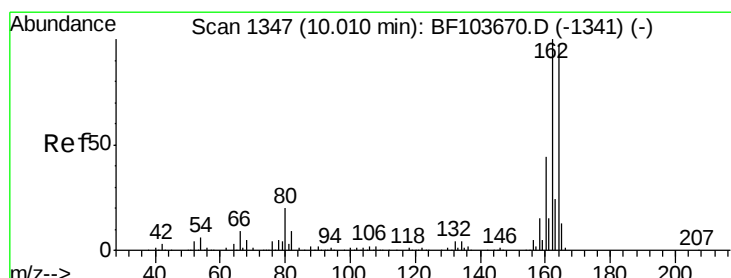
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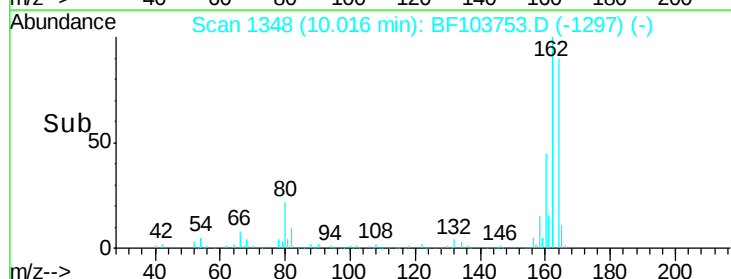
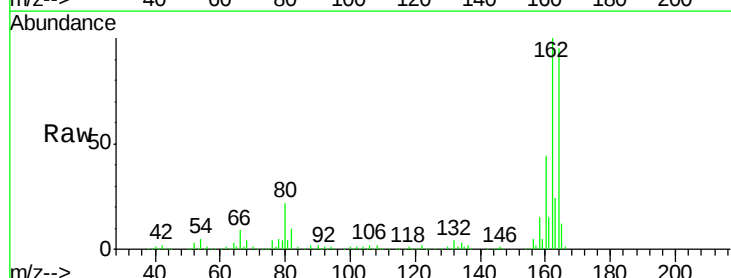
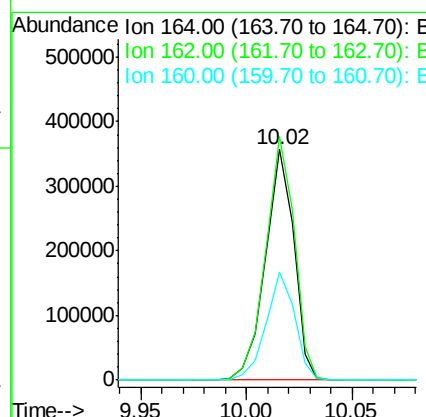
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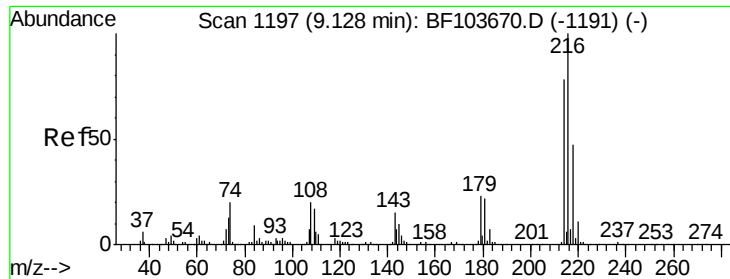
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.8	38.3	57.5





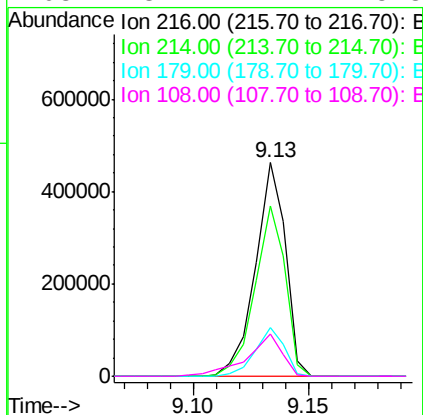
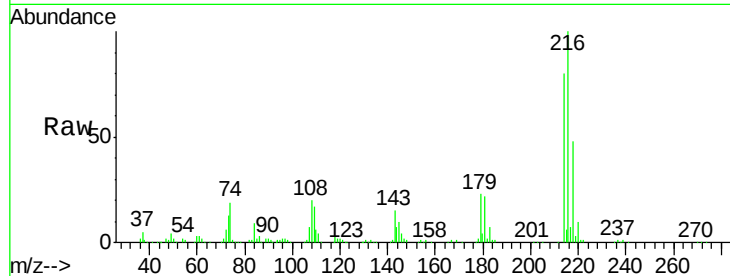
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.752 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.5	18.1	27.1
108	23.2	17.2	25.8

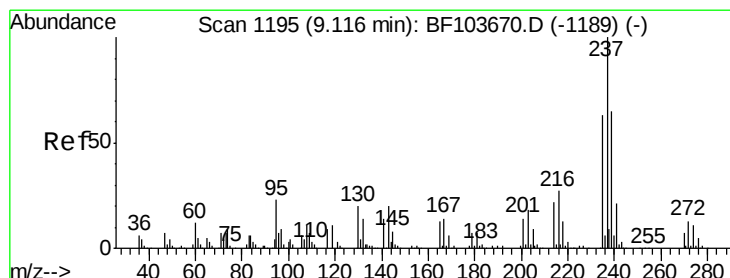
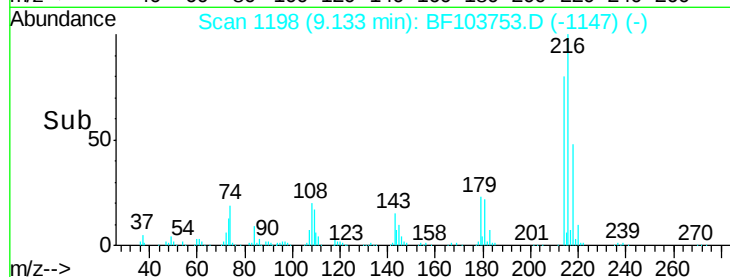
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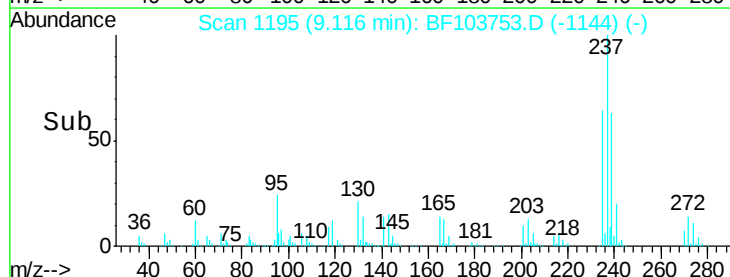
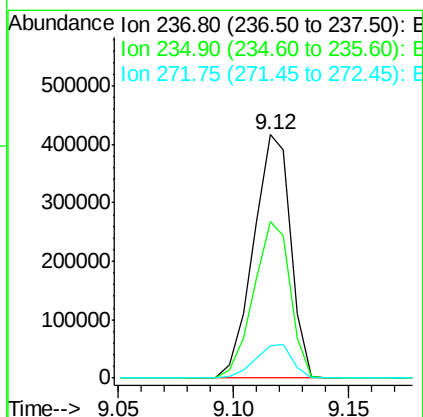
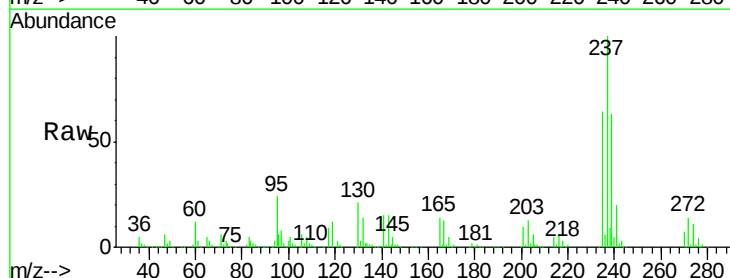
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#40
 Hexachlorocyclopentadiene
 Concen: 93.689 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.5	0.0	33.3





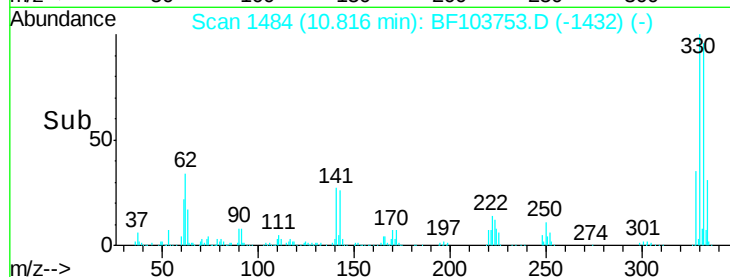
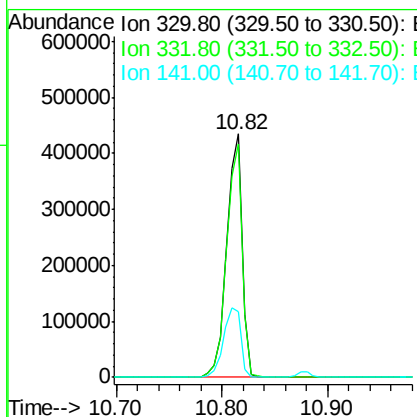
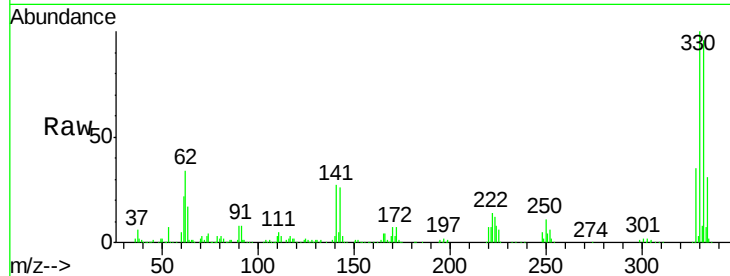
#41
 2,4,6-Tribromophenol
 Concen: 151.947 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.3	29.9	44.9

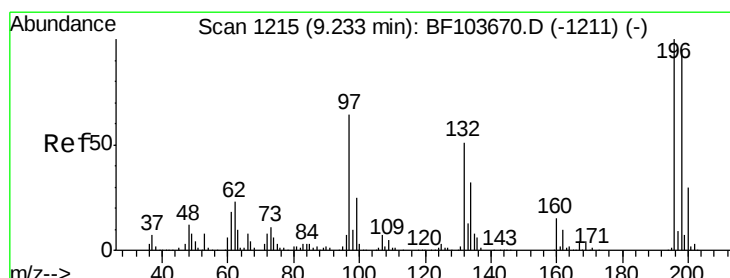
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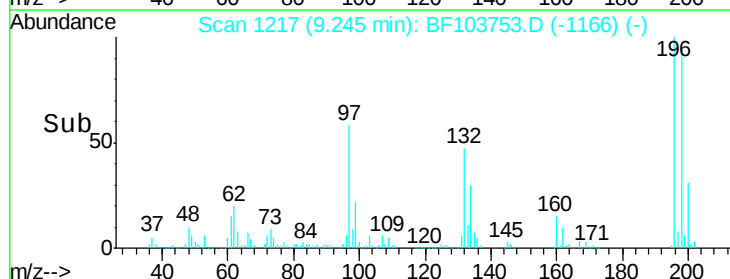
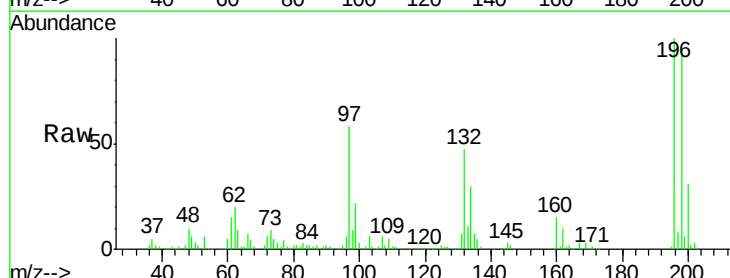
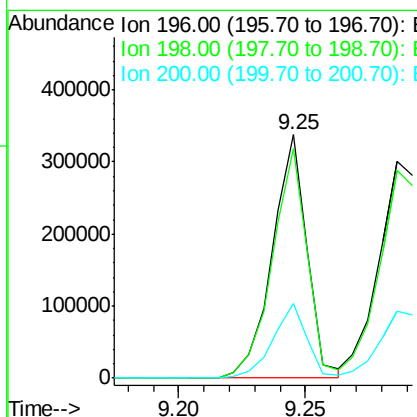
Sohil

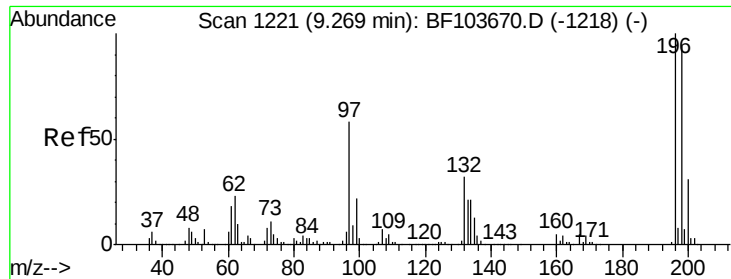
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#42
 2,4,6-Trichlorophenol
 Concen: 52.448 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.5	24.5	36.7





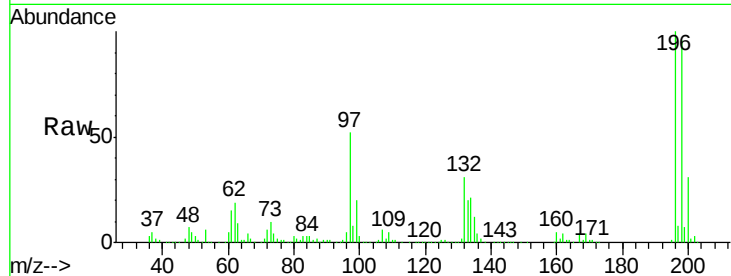
#43
2,4,5-Trichlorophenol
Concen: 49.417 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	196	Resp	344128
Ion Ratio	Lower	Upper	
196	100		
198	95.9	74.6	112.0
97	52.5	42.9	64.3
132	31.0	26.3	39.5

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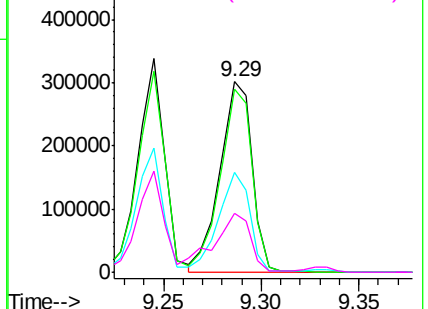
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

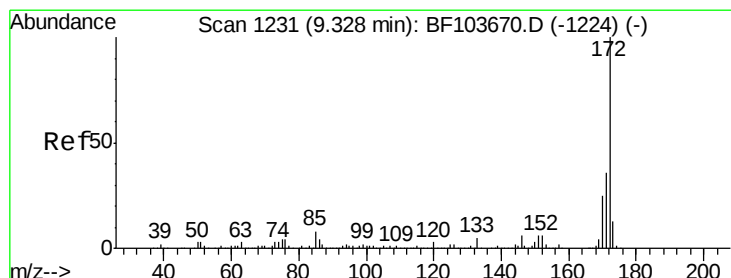
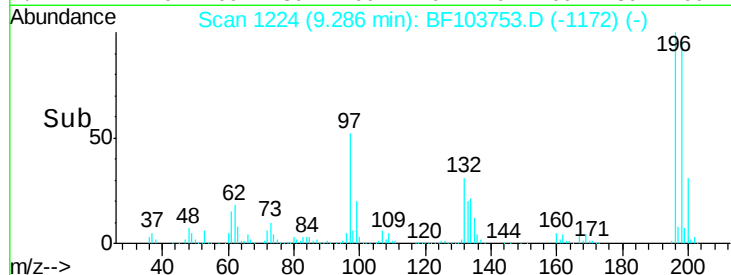
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



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#44
2-Fluorobiphenyl
Concen: 87.694 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

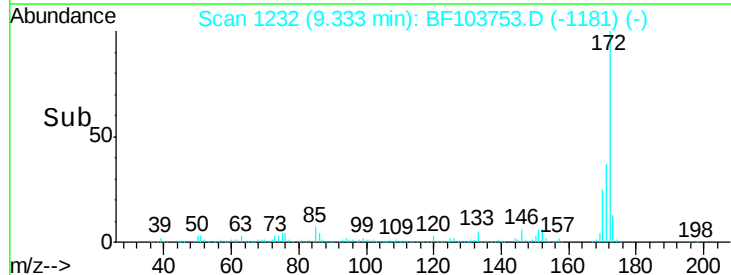
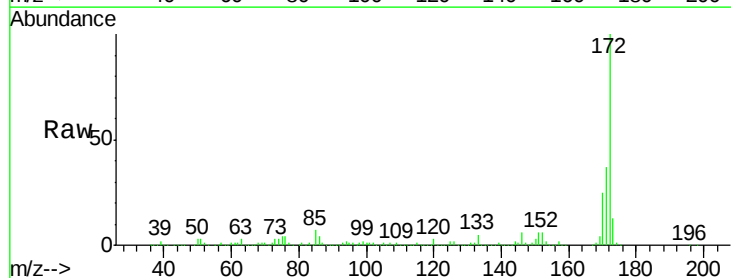
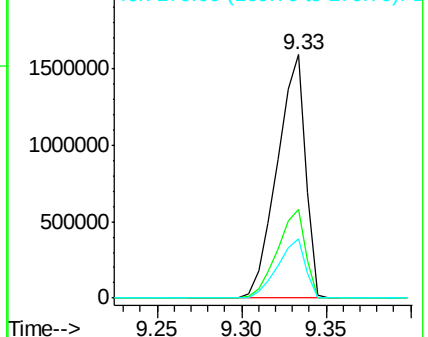
Tgt Ion	172	Resp	1858773
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

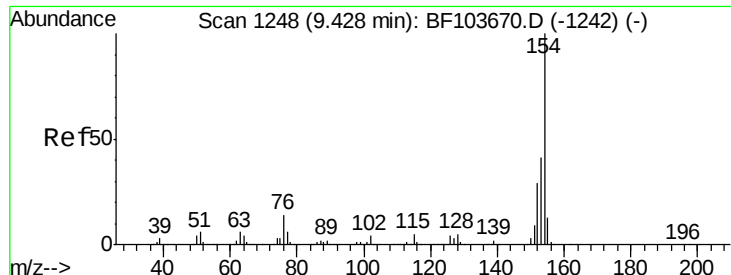
Abundance

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: 43.460 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:154 Resp: 1225288

Ion Ratio Lower Upper

154 100

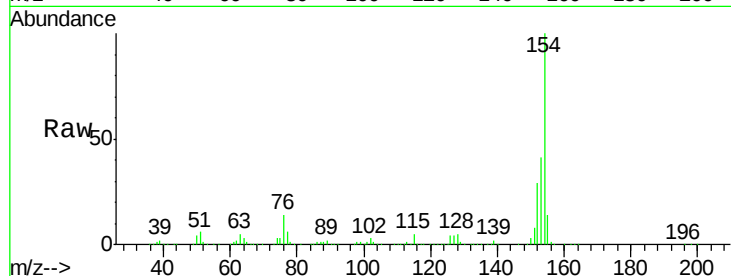
153 41.4 21.3 61.3

76 14.4 0.0 34.0

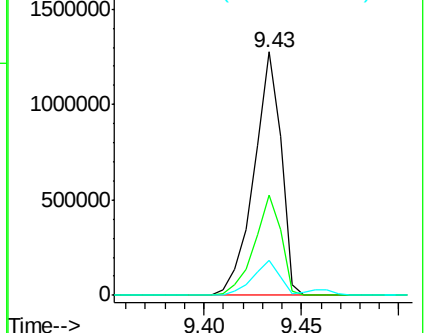
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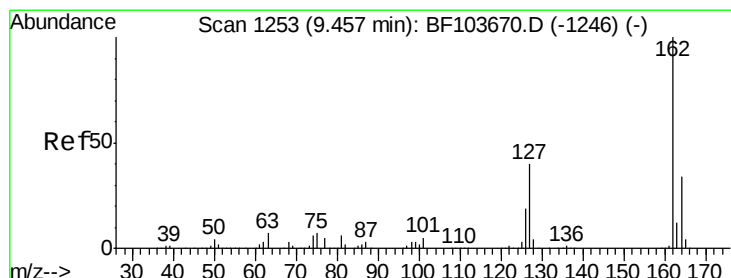
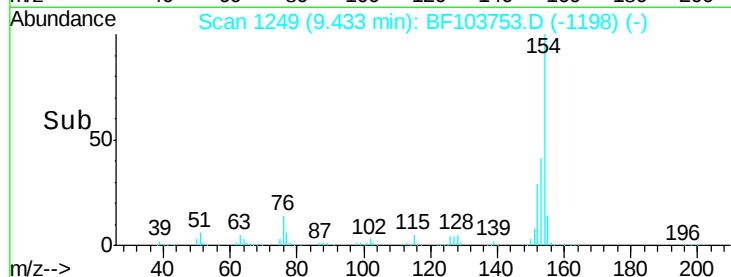


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



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#46

2-Chloronaphthalene

Concen: 43.502 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

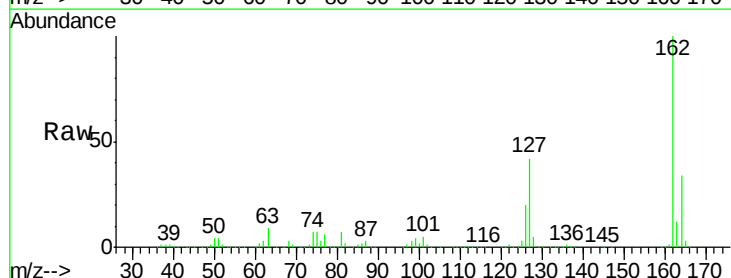
Tgt Ion:162 Resp: 974147

Ion Ratio Lower Upper

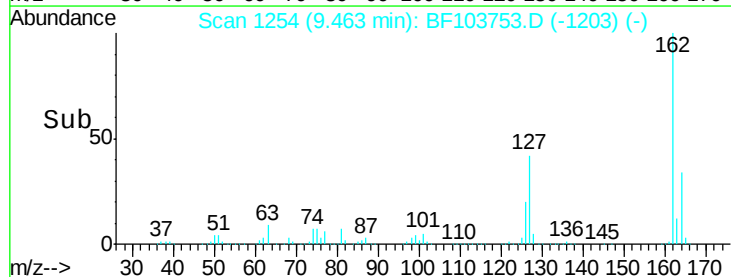
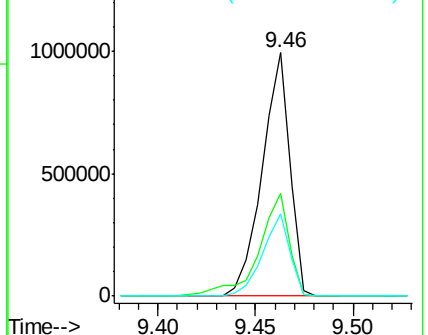
162 100

127 42.0 33.9 50.9

164 33.8 26.5 39.7



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





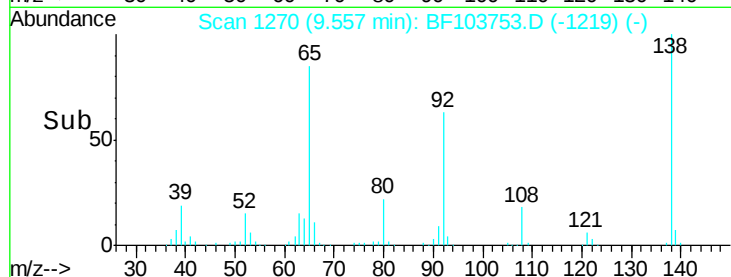
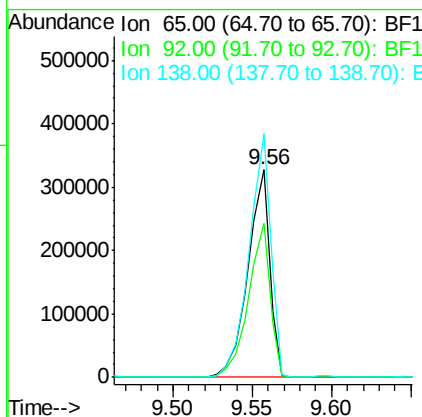
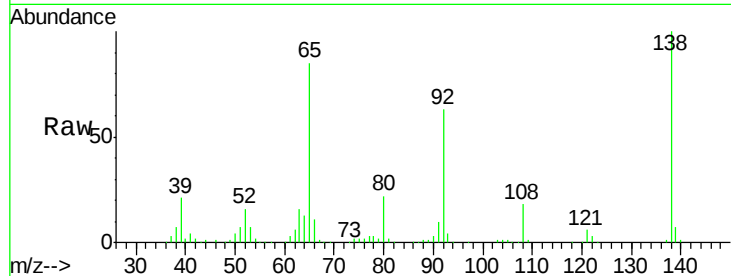
#47
2-Nitroaniline
Concen: 52.675 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion: 65 Resp: 313104
Ion Ratio Lower Upper
65 100
92 74.2 55.8 83.6
138 117.4 91.2 136.8

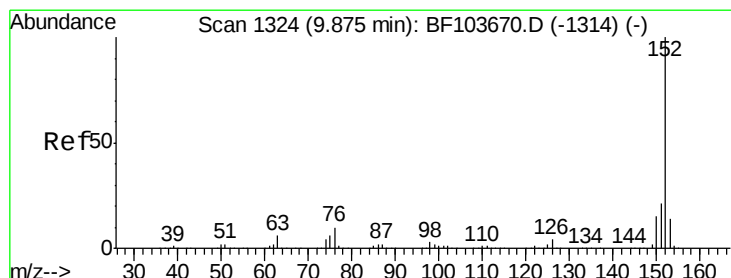
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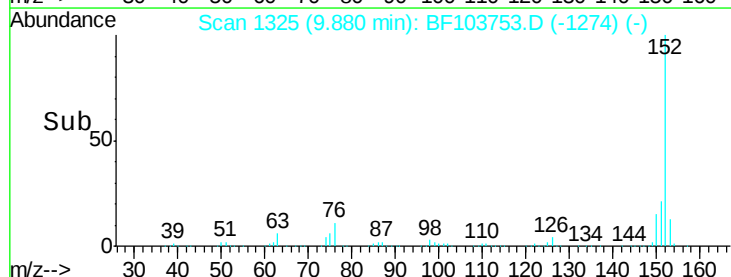
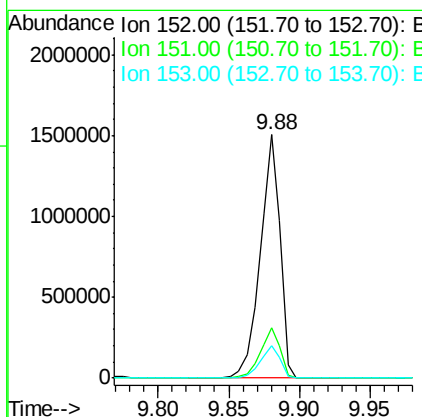
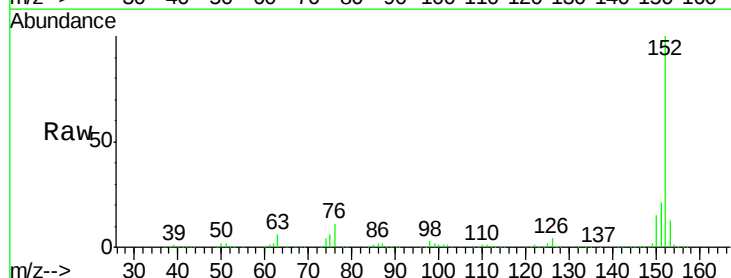
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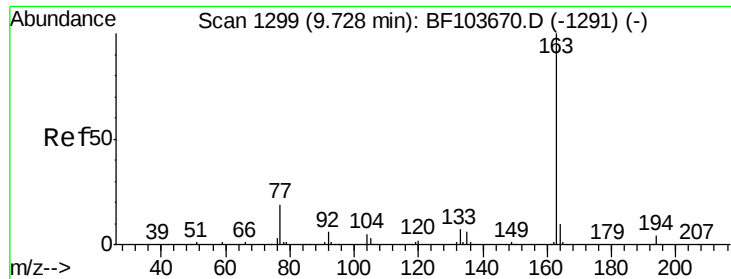
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#48
Acenaphthylene
Concen: 42.888 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion: 152 Resp: 1489265
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.3 10.7 16.1





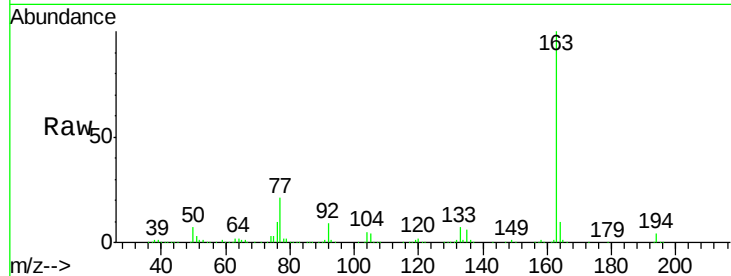
#49
Dimethylphthalate
Concen: 45.877 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

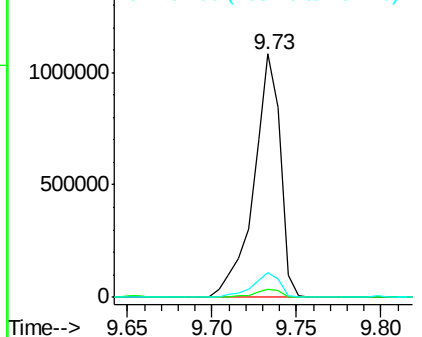
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2

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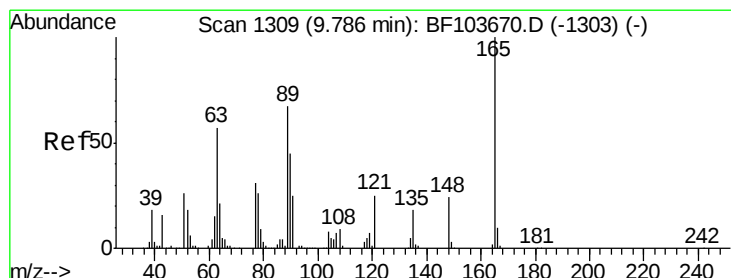
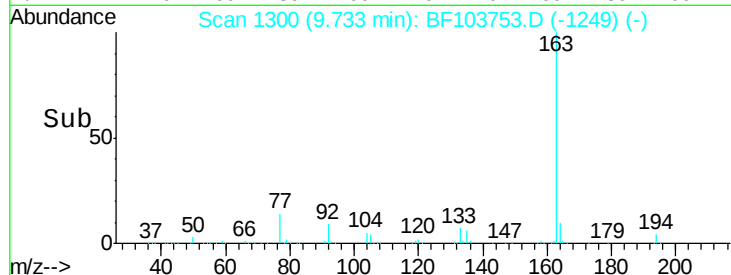


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



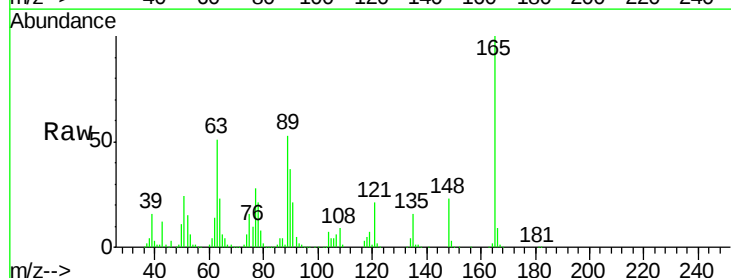
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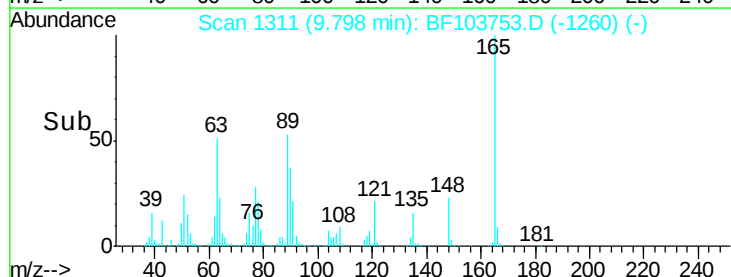
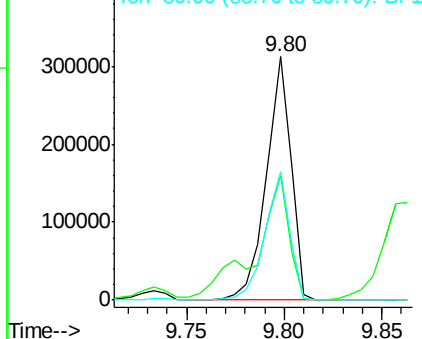


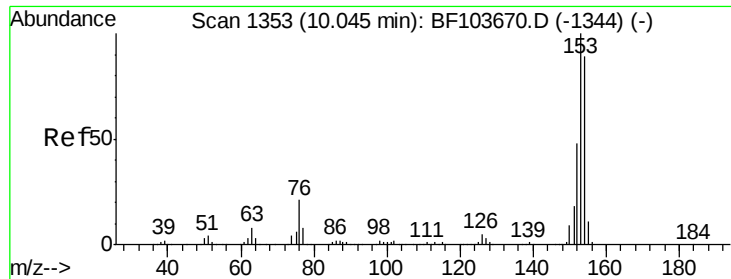
#50
2,6-Dinitrotoluene
Concen: 54.418 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.9	44.7	67.1
89	53.0	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





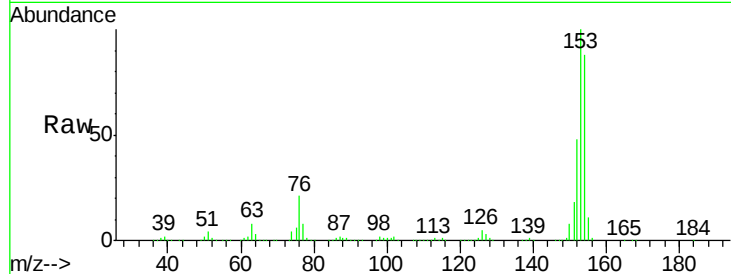
#51
Acenaphthene
Concen: 46.981 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

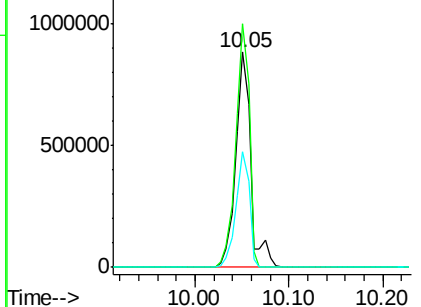
Tot Ion	Ratio	Resp	Lower	Upper
154	100	968665		
153	113.1	91.2	136.8	
152	54.0	43.8	65.8	

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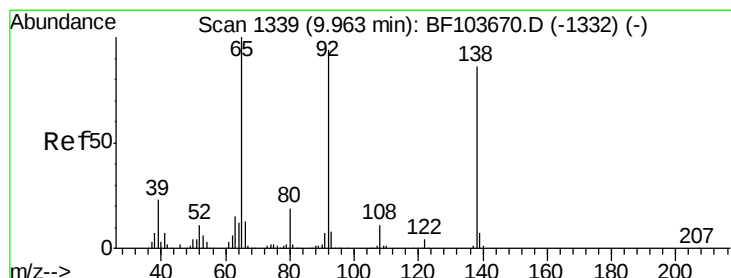


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



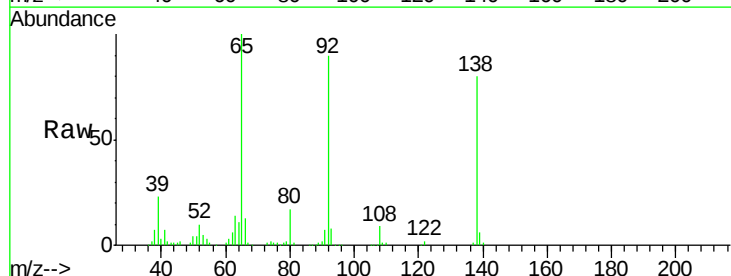
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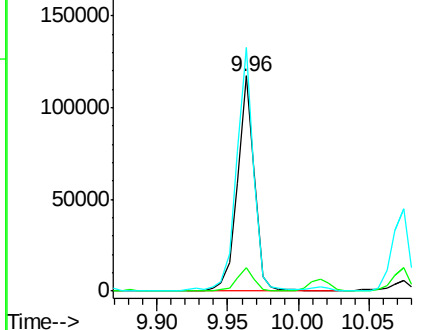


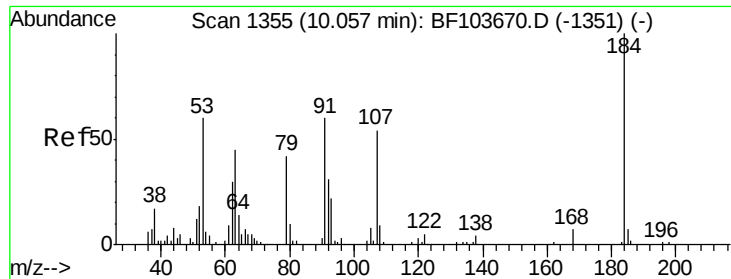
#52
3-Nitroaniline
Concen: 18.917 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	98123		
108	10.7	9.4	14.0	
92	113.1	89.4	134.2	



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





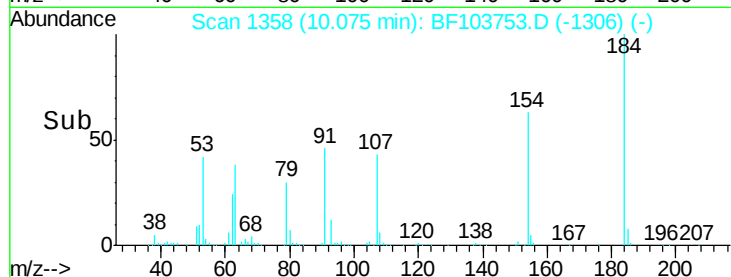
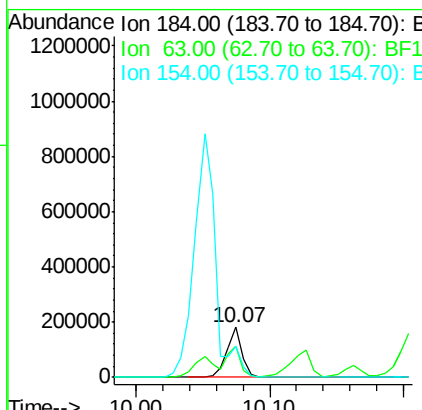
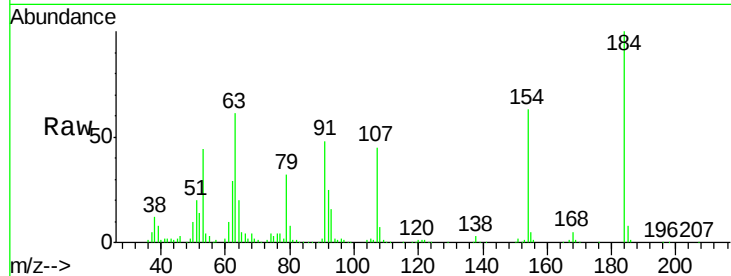
#53
2,4-Dinitrophenol
Concen: 87.467 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.5	54.2	81.2
154	63.0	184.0	276.0#

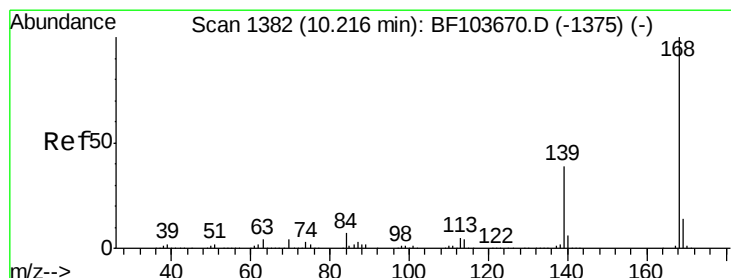
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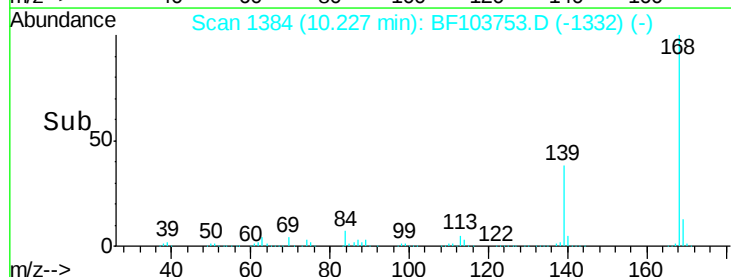
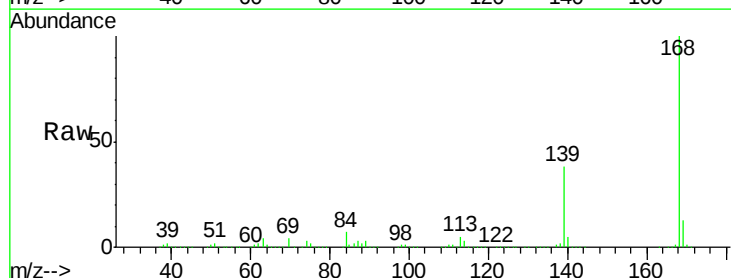
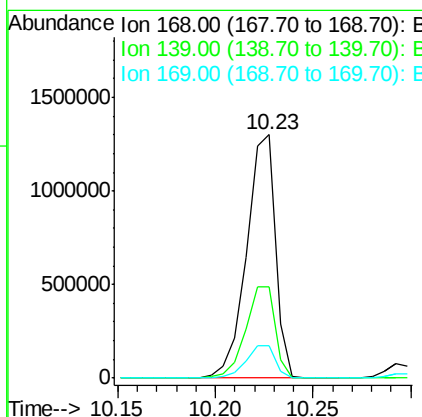
Sohil

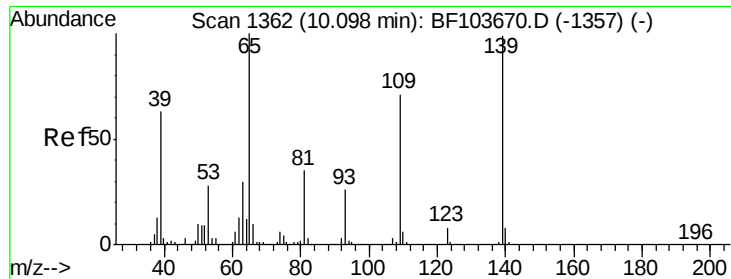
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#54
Dibenzofuran
Concen: 45.268 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.4	10.9	16.3





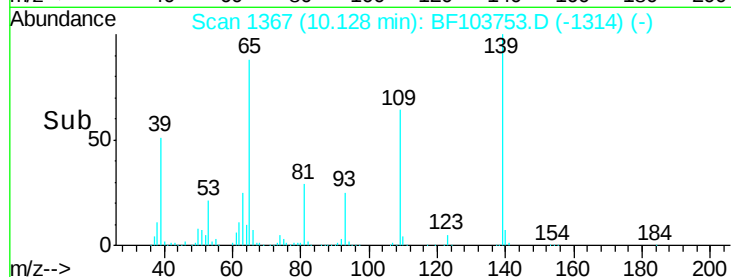
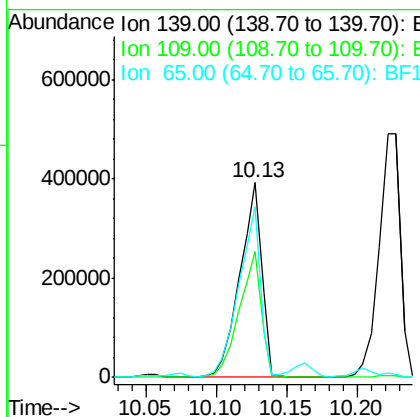
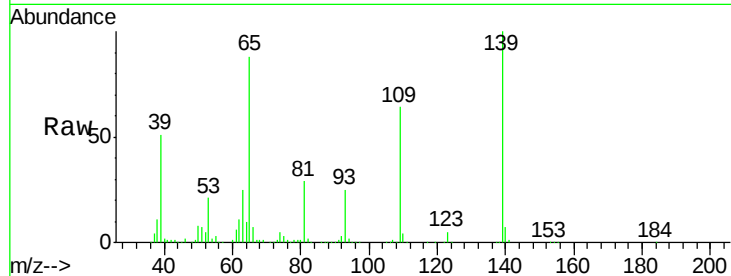
#55
4-Nitrophenol
Concen: 89.271 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.5	48.4	88.4
65	87.7	72.6	112.6

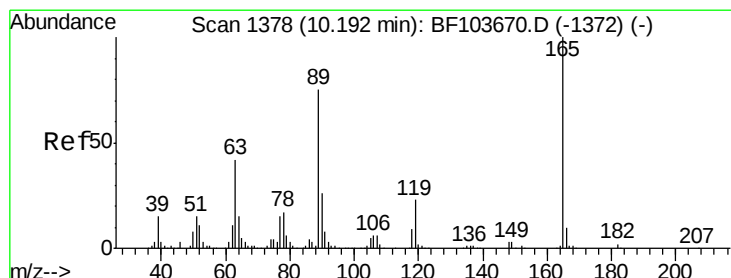
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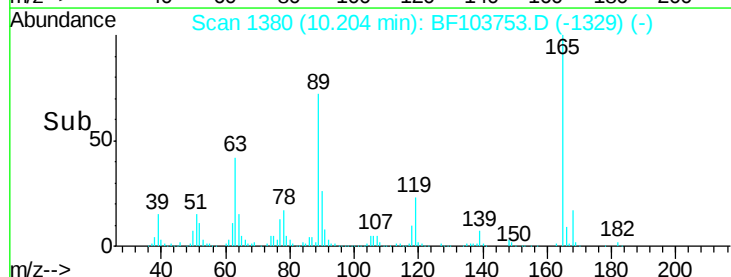
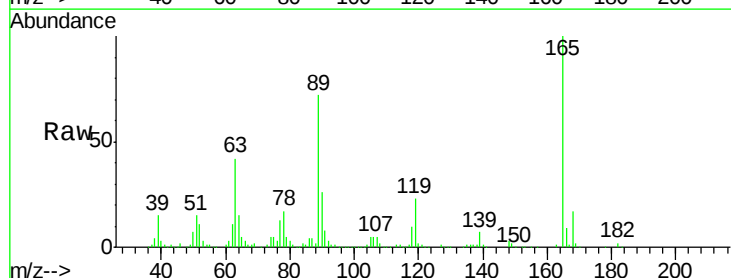
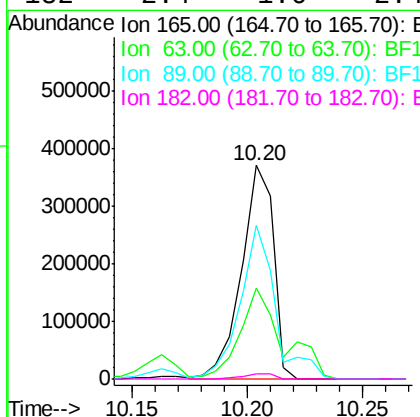
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#56
2,4-Dinitrotoluene
Concen: 55.863 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.3	36.4	54.6
89	71.7	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 44.451 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMS

Tot Ion:166 Resp: 1015734

Ion Ratio Lower Upper

166 100

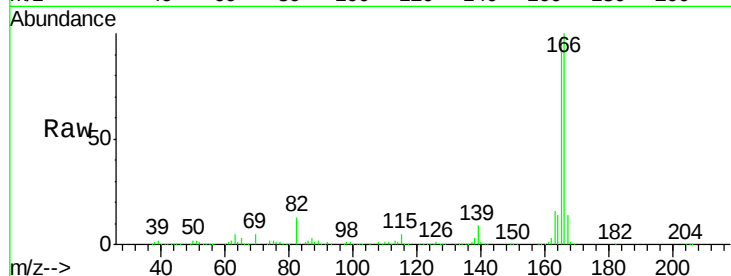
165 98.2 79.8 119.8

167 13.7 10.6 16.0

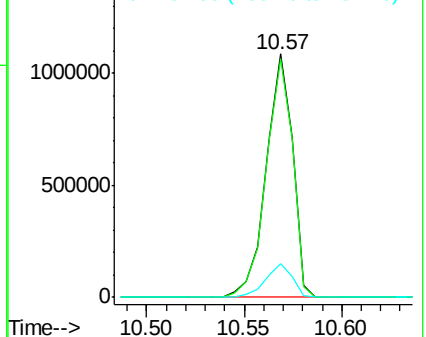
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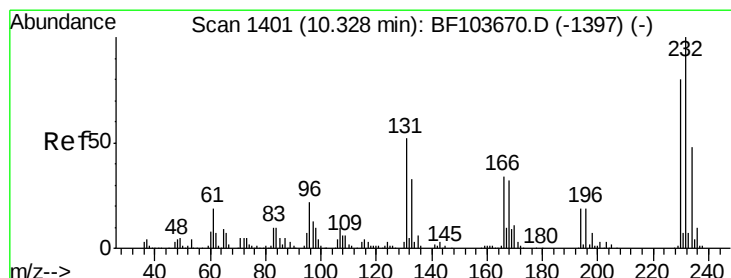
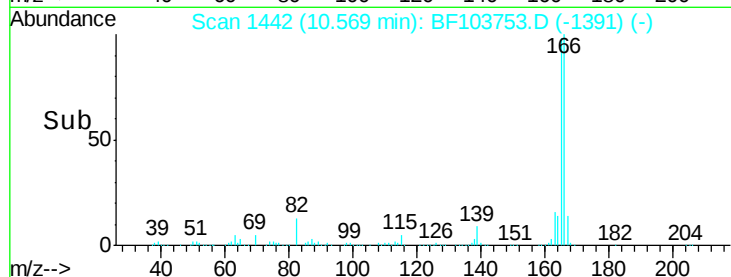


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.891 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:232 Resp: 265916

Ion Ratio Lower Upper

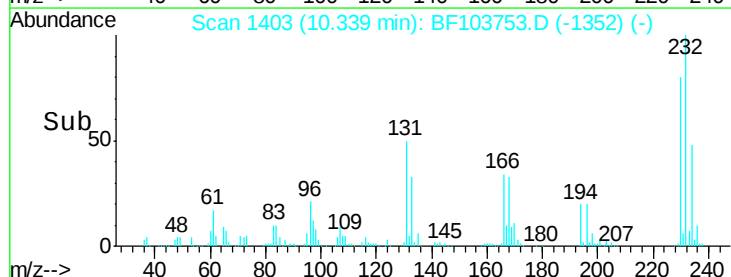
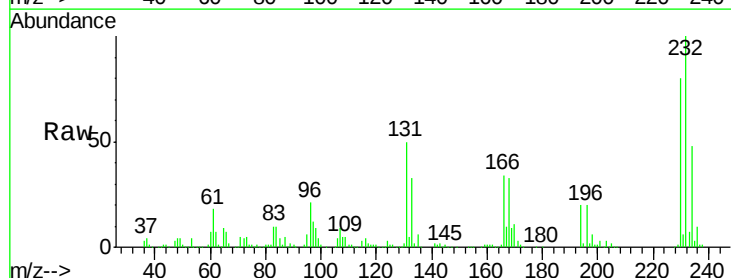
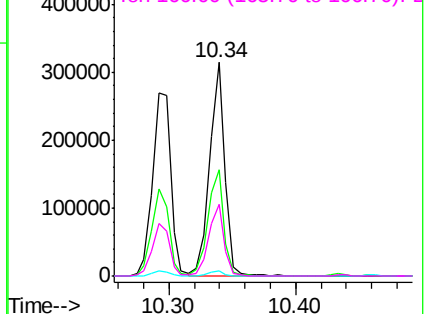
232 100

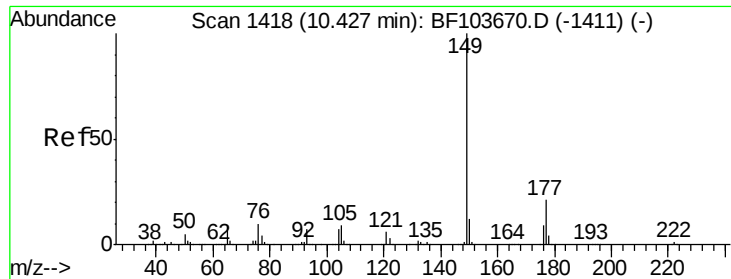
131 51.2 43.8 65.8

130 2.5 2.1 3.1

166 33.8 27.8 41.6

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





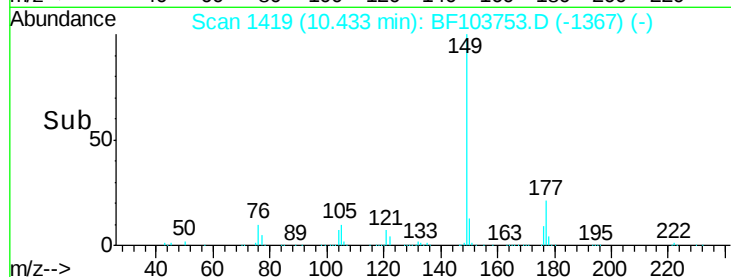
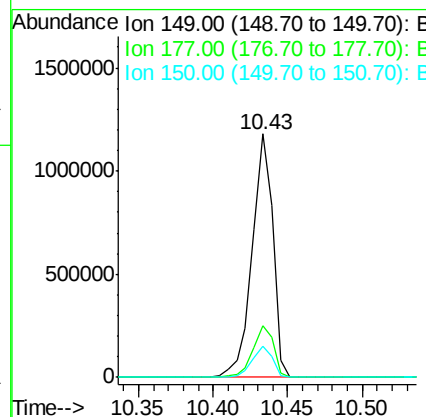
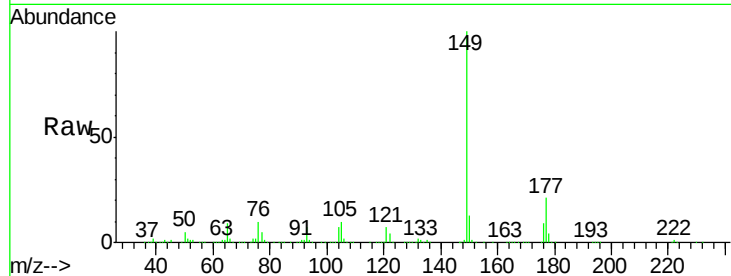
#59
Diethylphthalate
Concen: 43.864 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion:149 Resp: 1123073
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.7 10.1 15.1

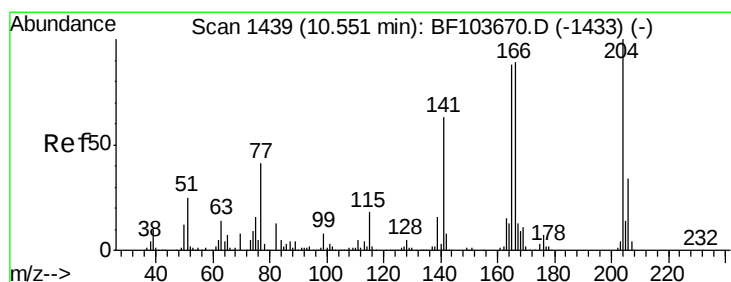
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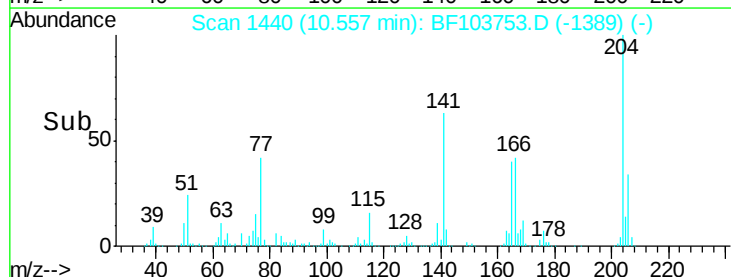
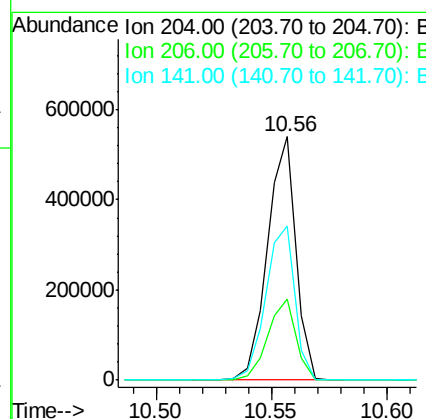
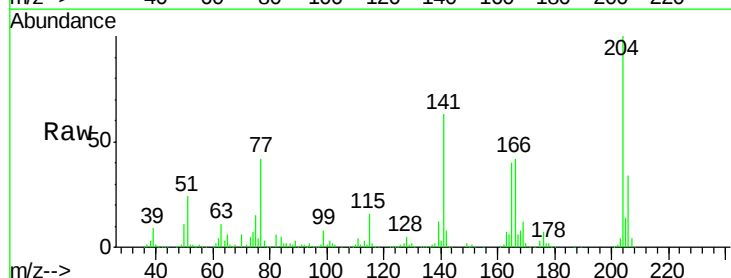
Sohil

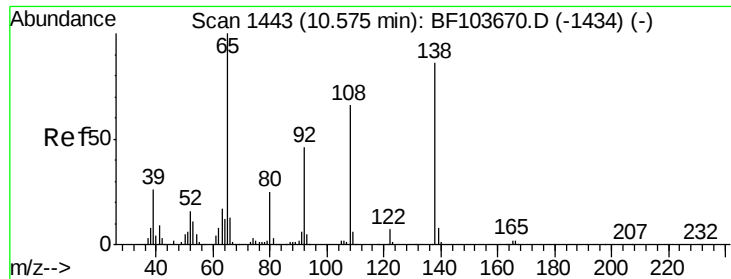
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#60
4-Chlorophenyl-phenylether
Concen: 44.280 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:204 Resp: 462415
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 63.3 54.6 81.8





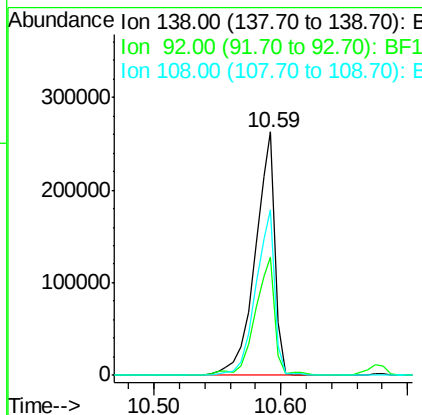
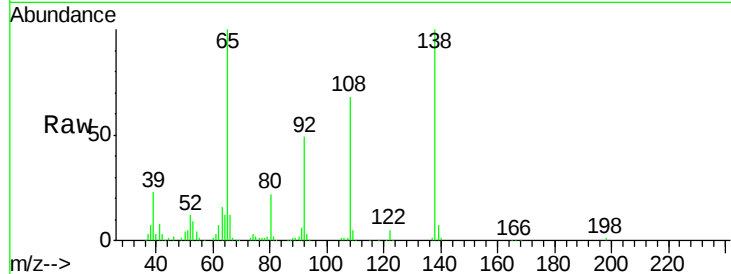
#61
4-Nitroaniline
Concen: 49.567 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.2	70.2
108	67.8	52.5	92.5

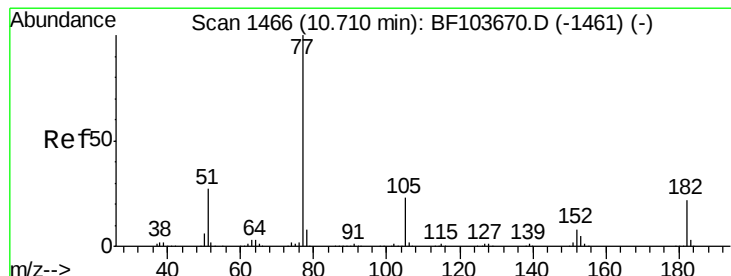
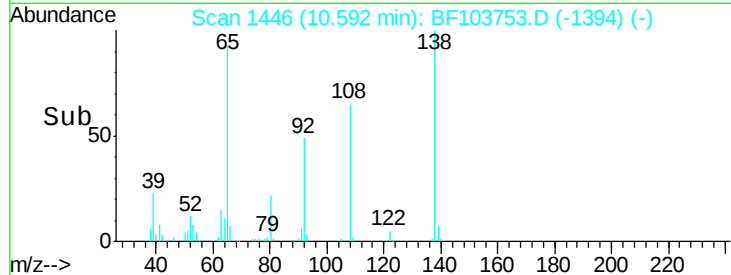
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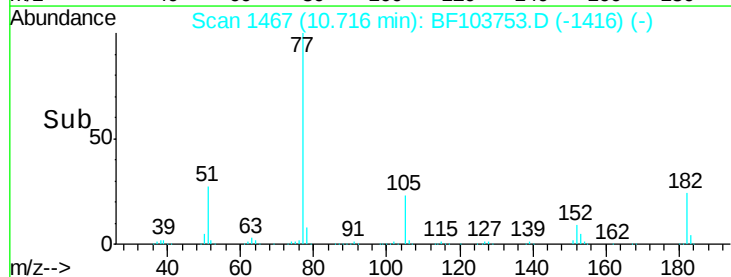
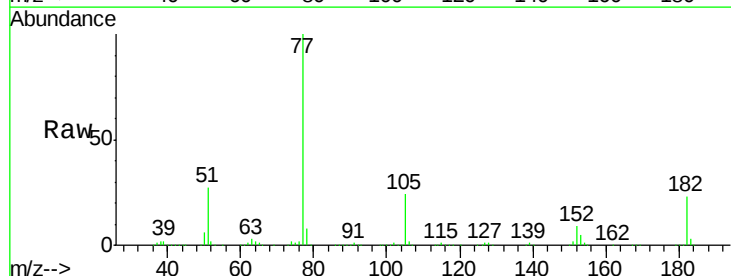
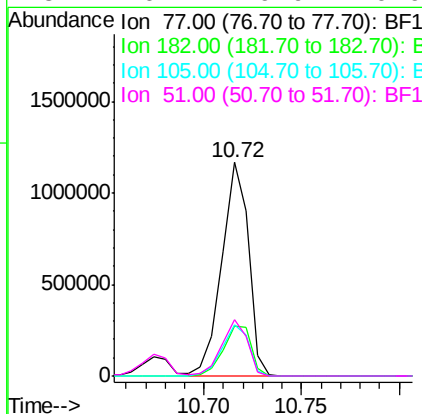
Sohil

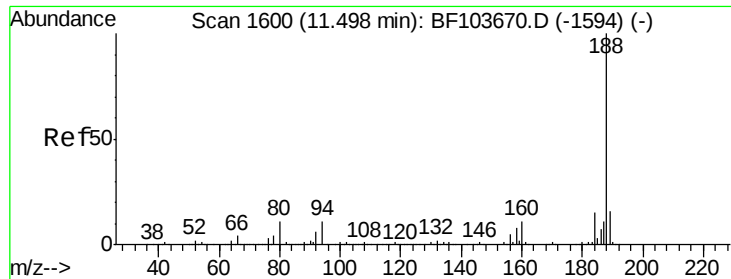
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#62
Azobenzene
Concen: 42.381 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	23.9	3.0	43.0
51	26.7	9.9	49.9





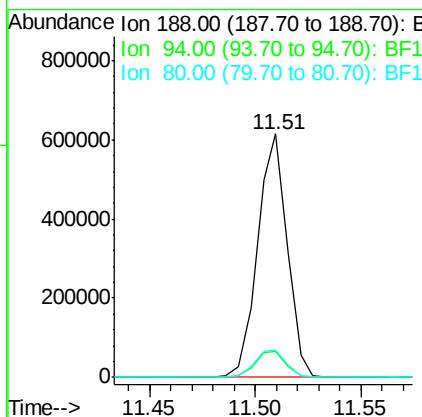
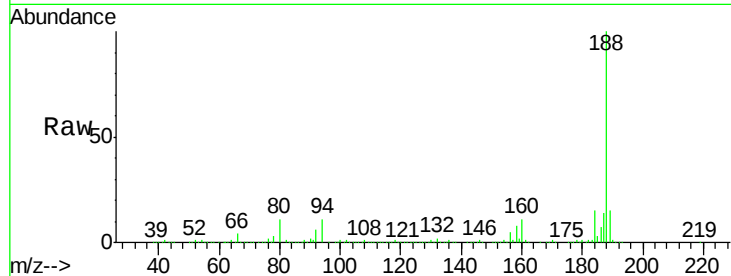
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	598039		
94	10.8		8.5	12.7
80	11.4		9.2	13.8

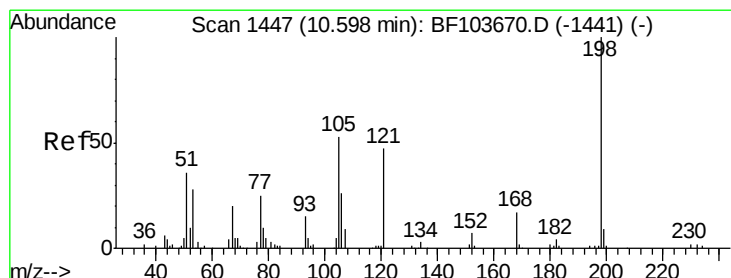
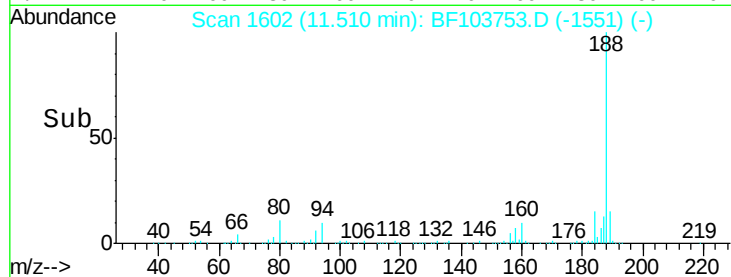
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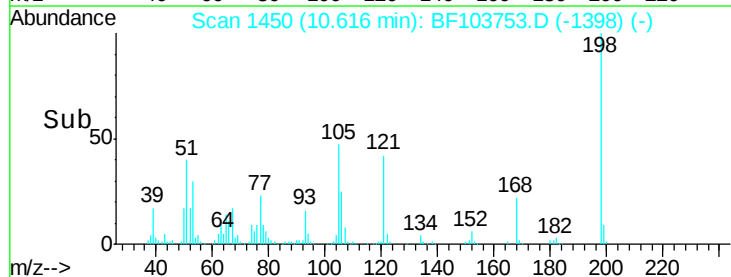
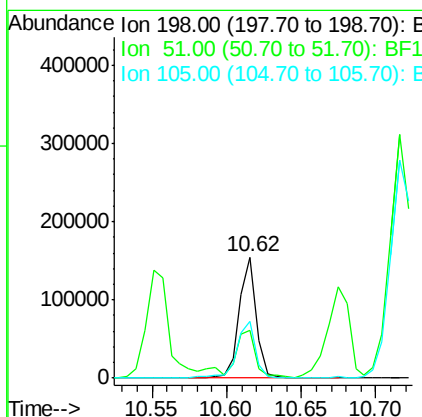
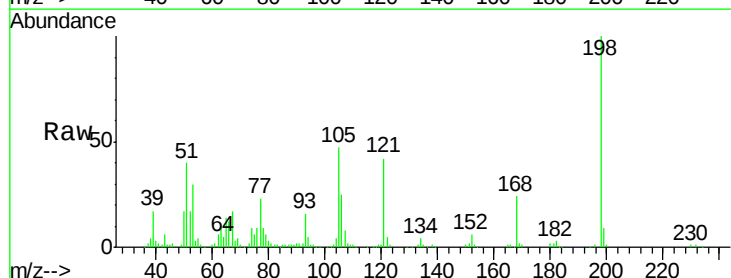
Sohil

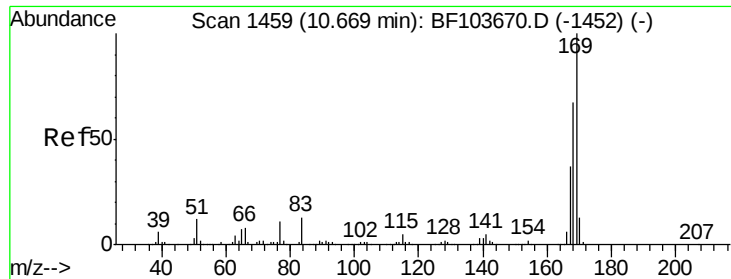
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.280 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	123475		
51	39.8		37.7	77.7
105	47.1		36.3	76.3





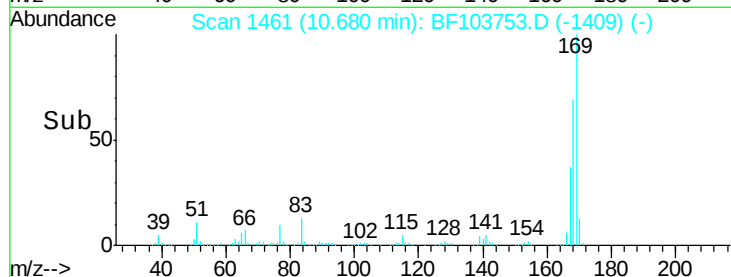
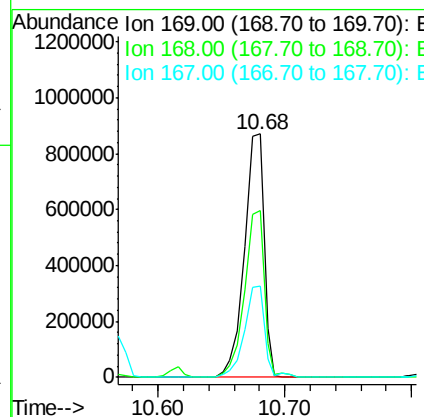
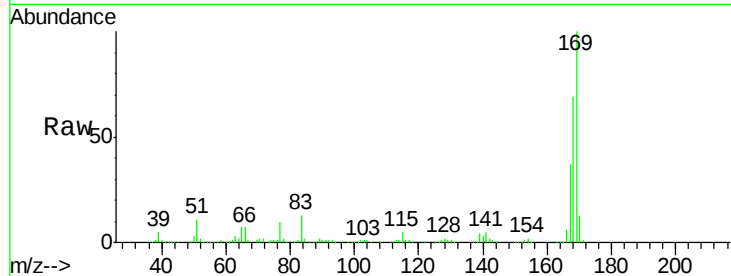
#65
n-Nitrosodiphenylamine
Concen: 45.893 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	68.6	54.4	81.6		
167	37.4	29.8	44.6		

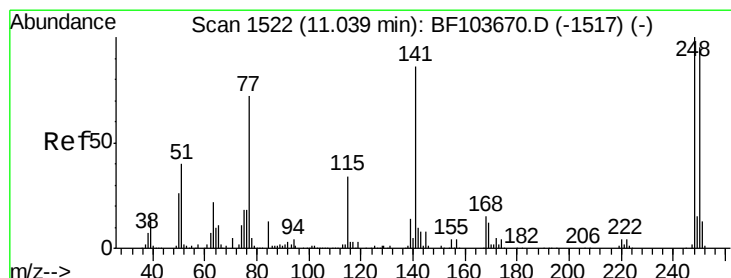
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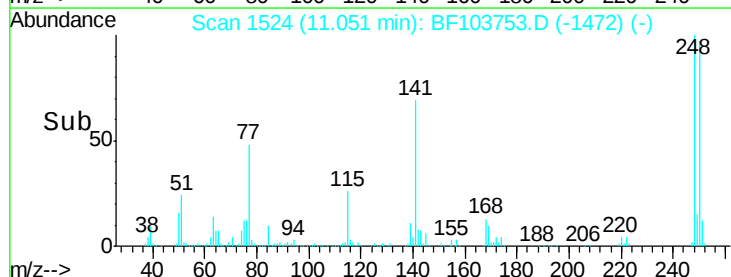
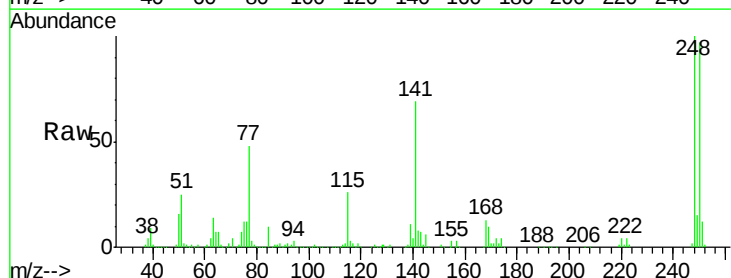
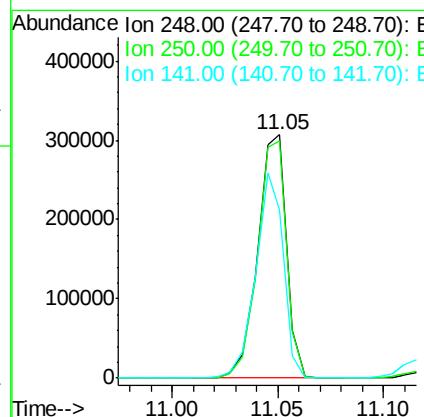
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#66
4-Bromophenyl-phenylether
Concen: 47.626 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	97.2	76.9	115.3		
141	69.0	74.4	111.6		





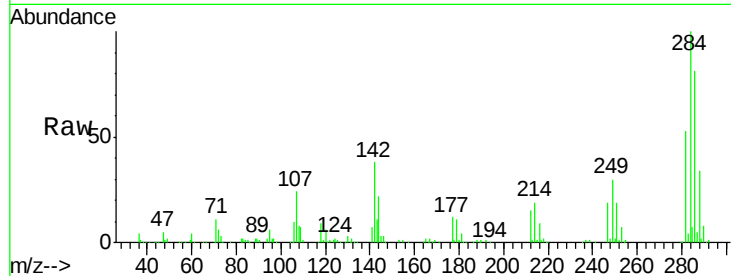
#67
Hexachlorobenzene
Concen: 45.728 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

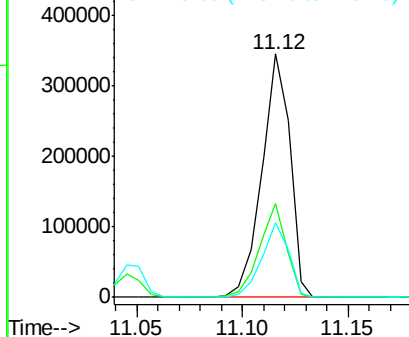
Tot Ion	Ratio	Resp	Lower	Upper
284	100	320469		
142	38.4	34.6	52.0	
249	30.5	24.8	37.2	

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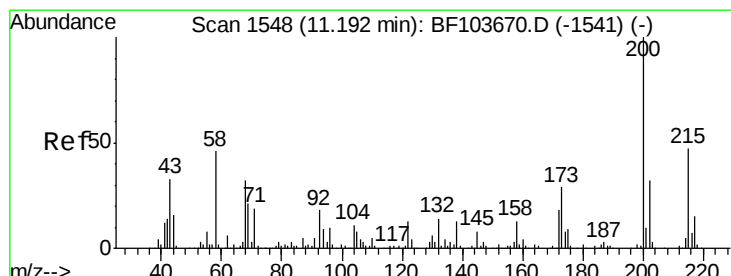
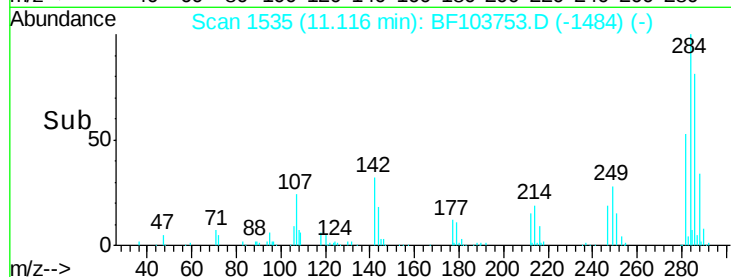


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



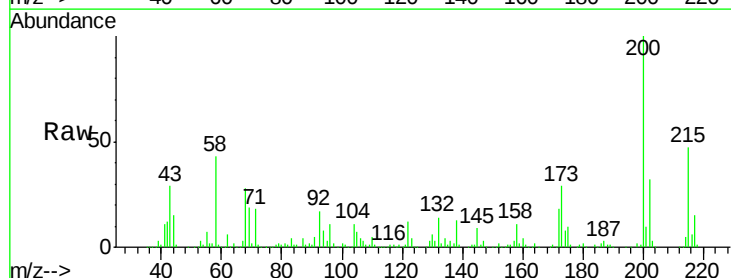
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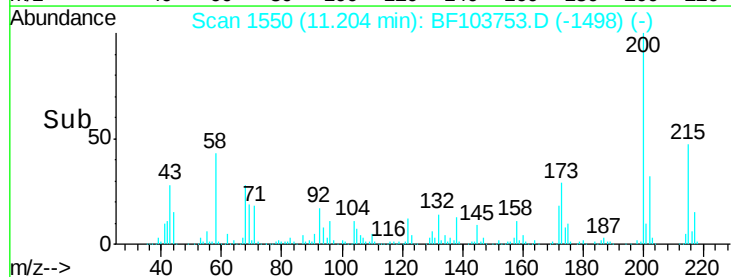
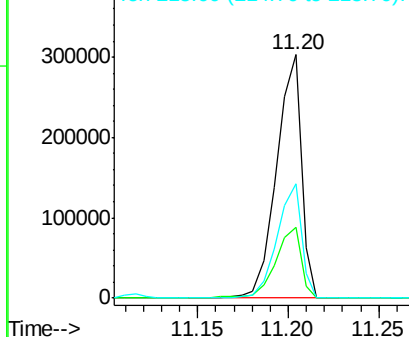


#68
Atrazine
Concen: 45.790 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	288339		
173	29.0	8.6	48.6	
215	47.1	25.1	65.1	



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





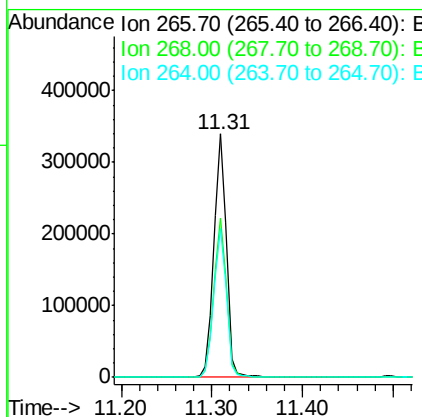
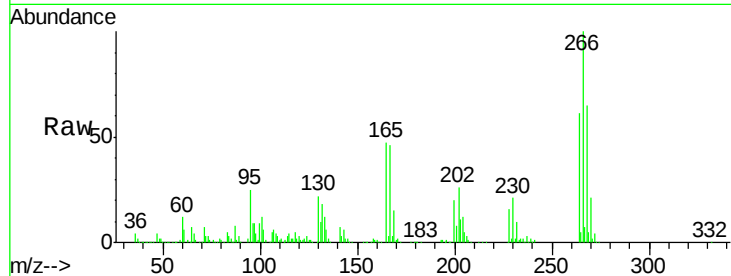
#69
 Pentachlorophenol
 Concen: 82.183 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	331121		
268	65.2	51.1	76.7	
264	61.0	49.5	74.3	

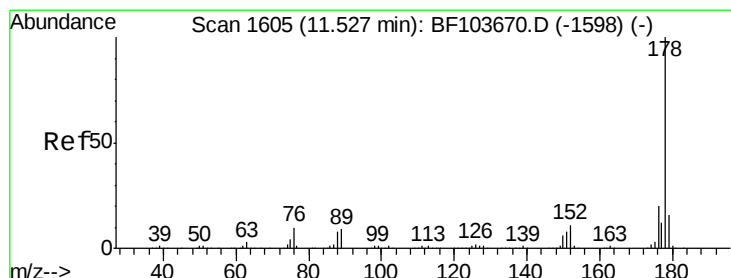
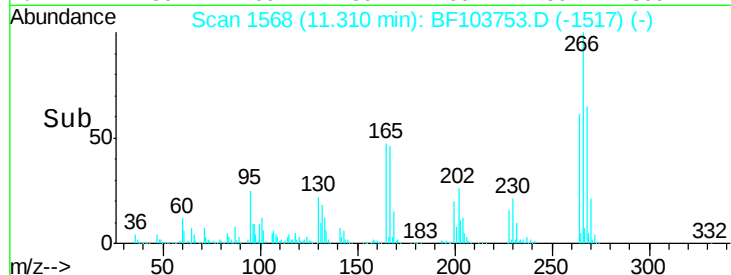
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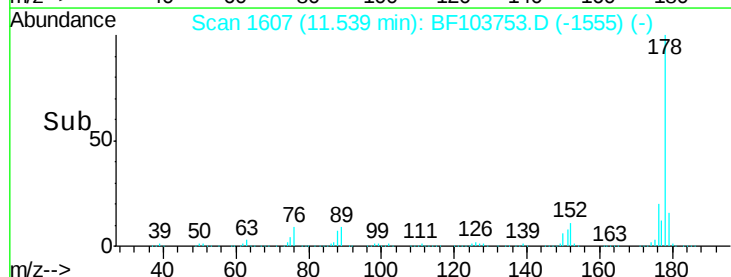
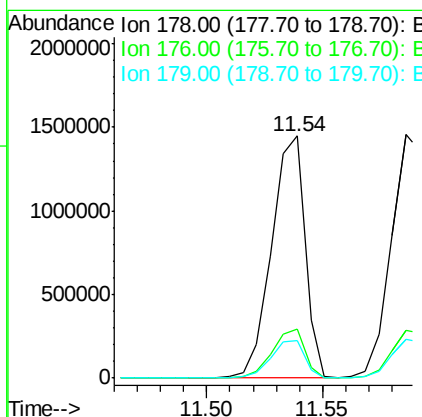
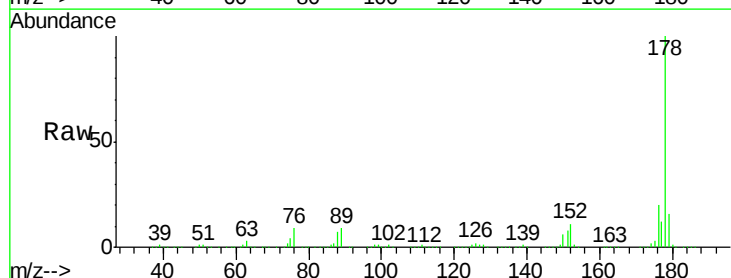
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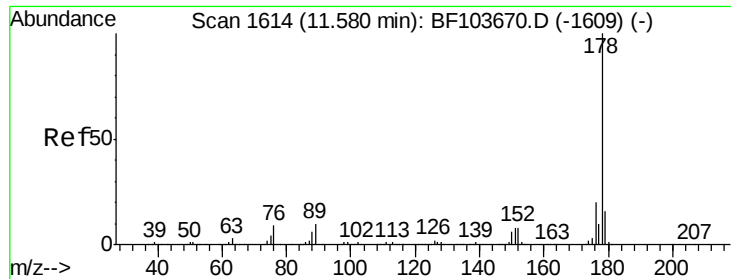
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#70
 Phenanthrene
 Concen: 44.439 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1453779		
176	20.1	15.8	23.8	
179	15.8	13.0	19.6	





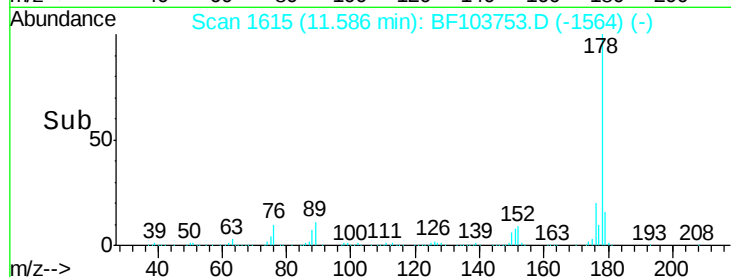
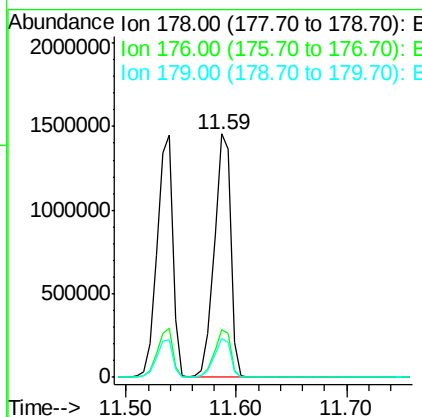
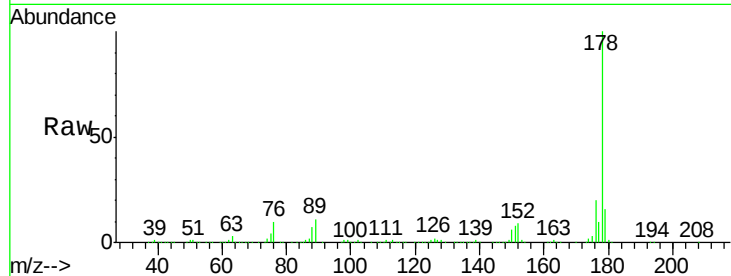
#71
 Anthracene
 Concen: 44.817 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Tot Ion:178 Resp: 1489116
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.9 12.6 19.0

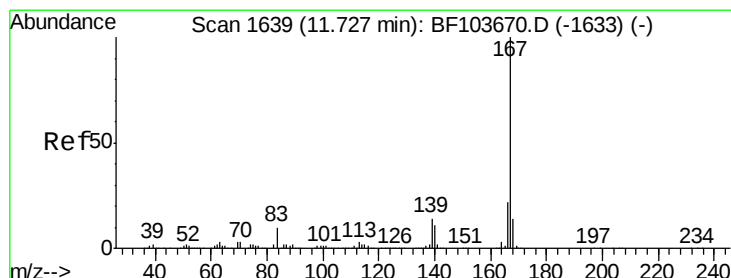
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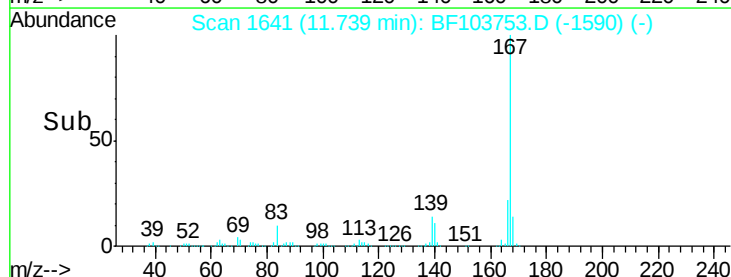
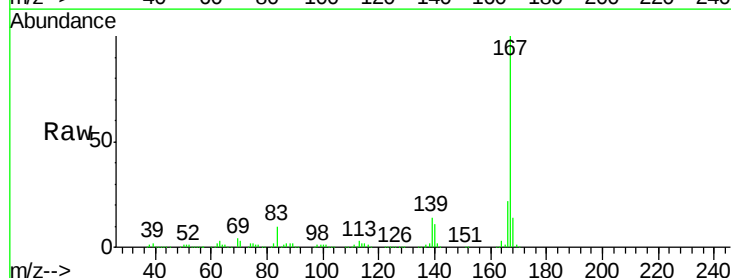
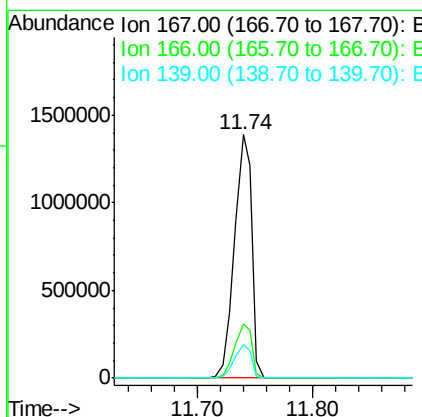
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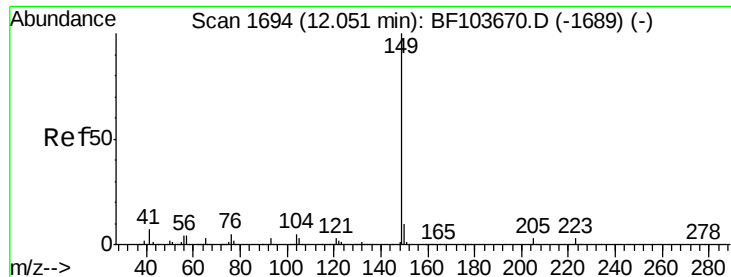
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#72
 Carbazole
 Concen: 44.533 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:167 Resp: 1438168
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.983 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMS

Tot Ion:149 Resp: 1743091

Ion Ratio Lower Upper

149 100

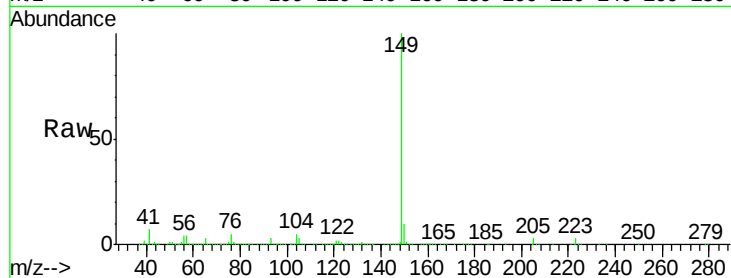
150 9.8 7.8 11.6

104 5.1 3.8 5.8

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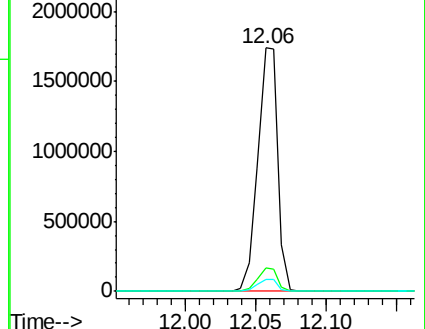
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Abundance Ion 149.00 (148.70 to 149.70): E

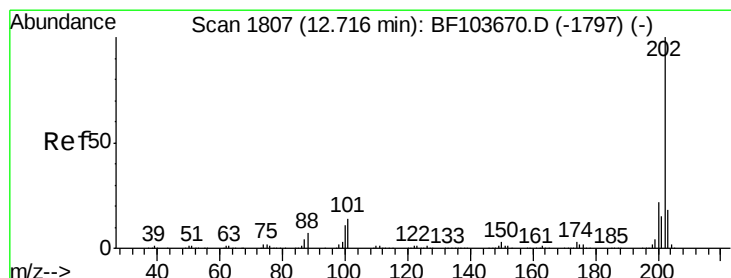
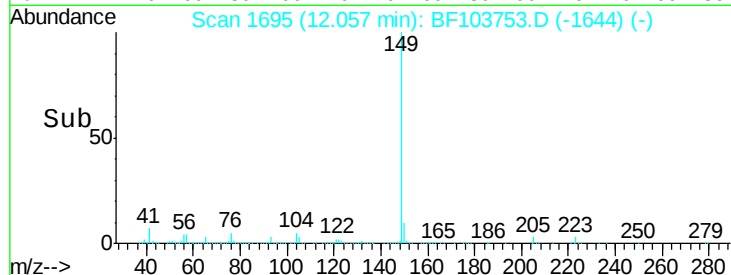
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



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#74

Fluoranthene

Concen: 44.744 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

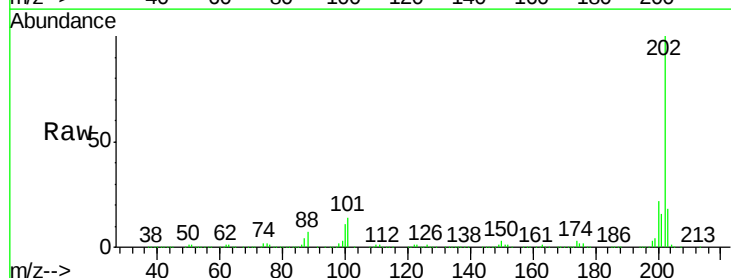
Tgt Ion:202 Resp: 1507993

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

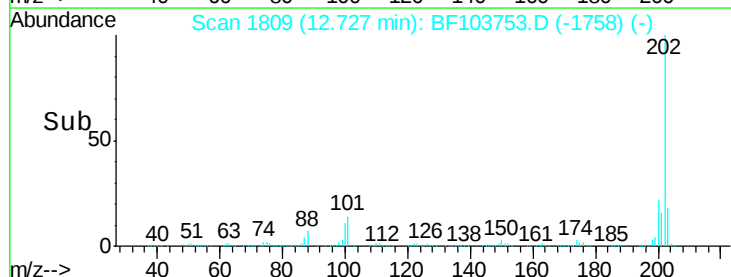
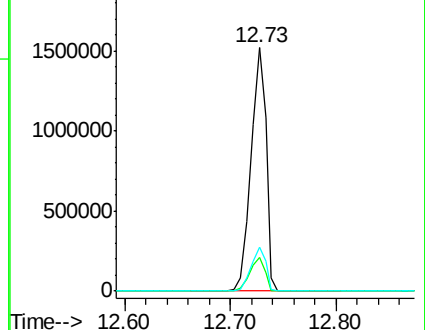
203 18.1 0.0 38.1

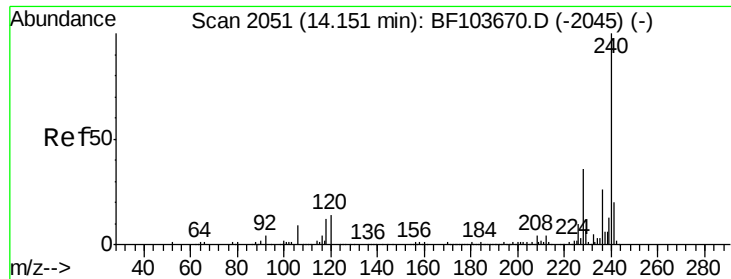


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

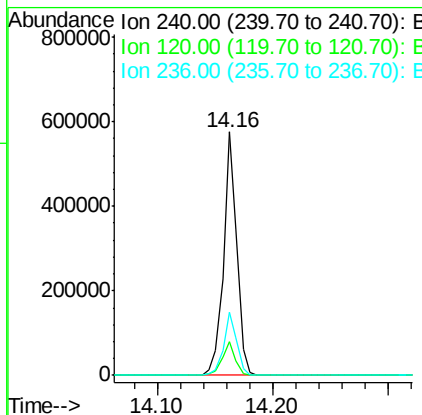
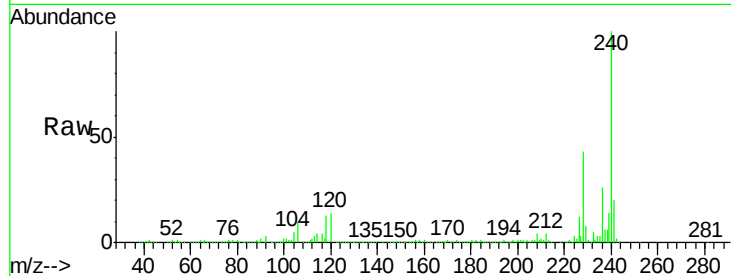
HR-05-031518-AMS

Tot Ion:	240	Resp:	459794
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	25.9	20.7	31.1

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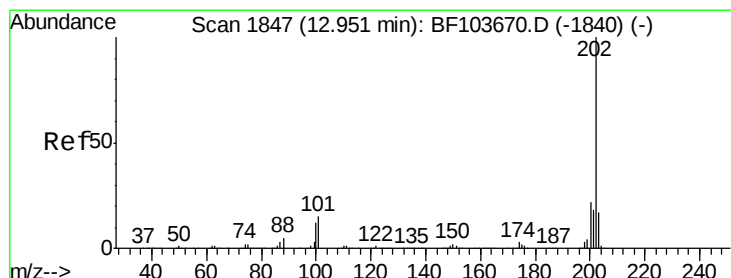
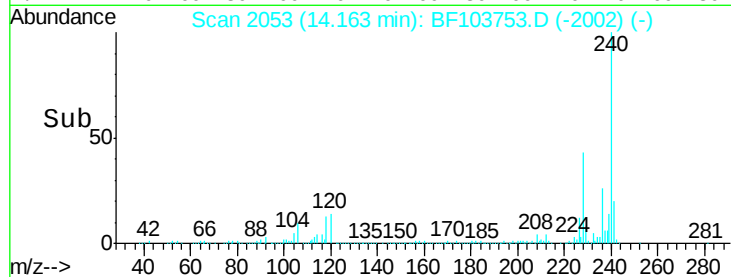
Sohil

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#77

Pyrene

Concen: 44.996 ng

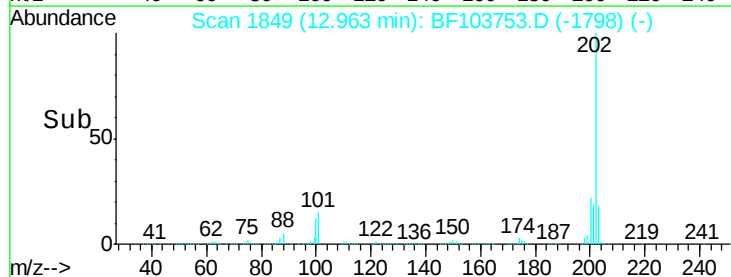
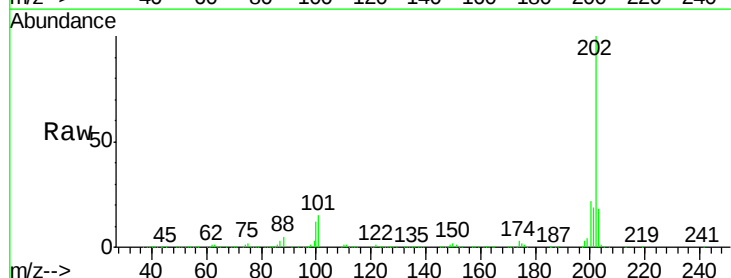
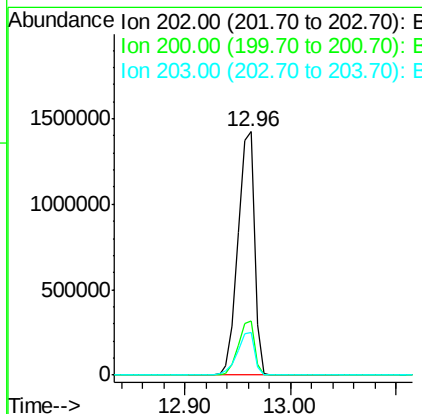
RT: 12.96 min Scan# 1849

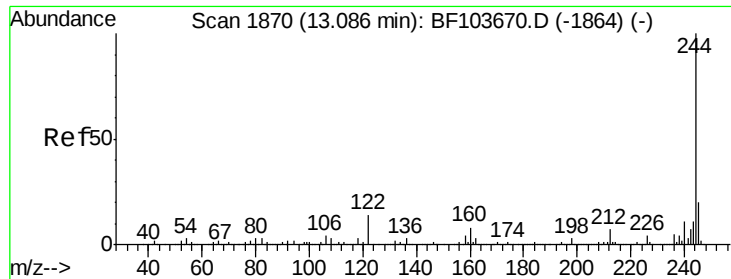
Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:	202	Resp:	1519391
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.4	26.2
203	17.8	14.3	21.5





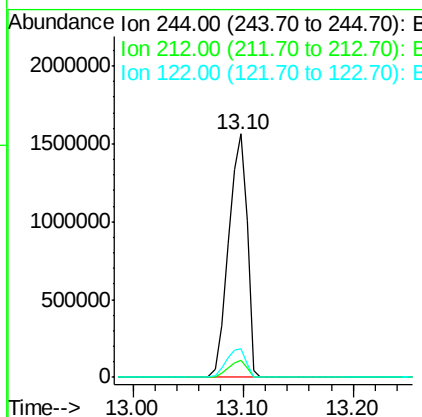
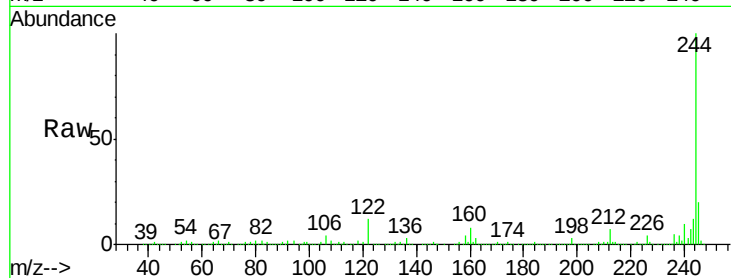
#78
 Terphenyl-d14
 Concen: 93.227 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-AMS

Tot Ion:244 Resp: 1846735
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.7 11.0 16.4

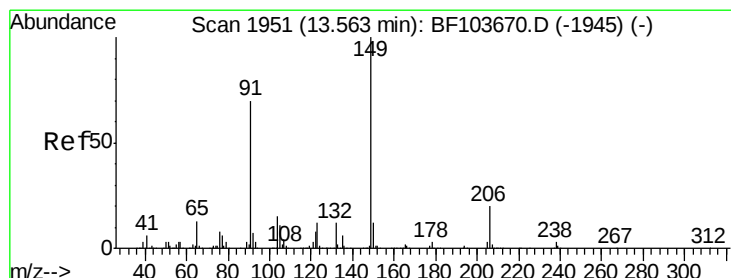
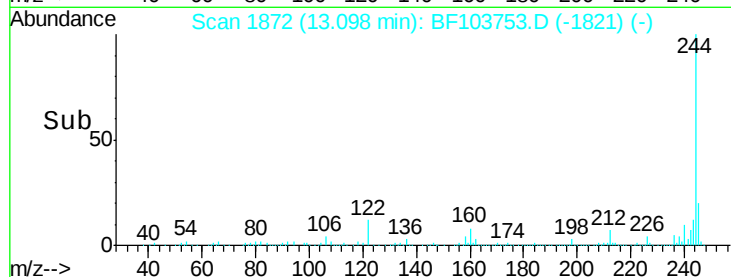
Manual Integrations
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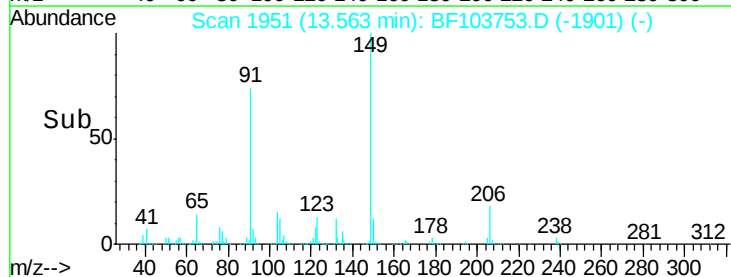
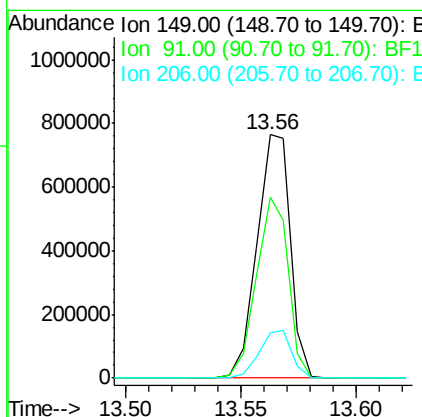
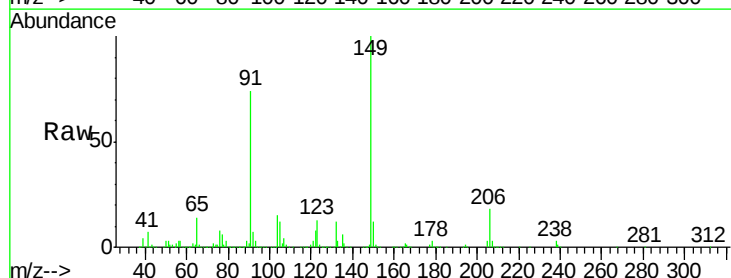
Sohil

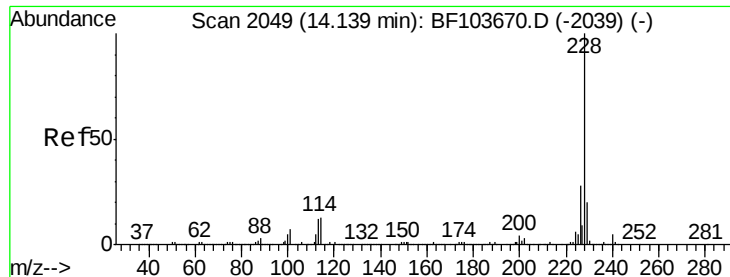
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#79
 Butylbenzylphthalate
 Concen: 51.369 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:149 Resp: 768508
 Ion Ratio Lower Upper
 149 100
 91 74.3 56.8 85.2
 206 18.4 14.1 21.1





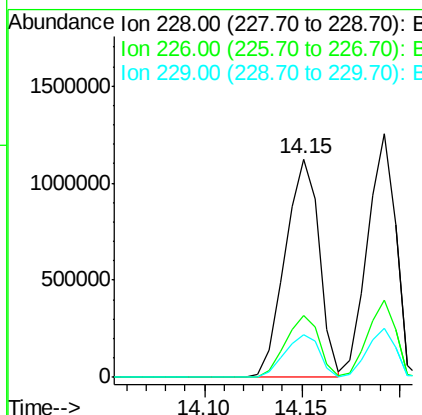
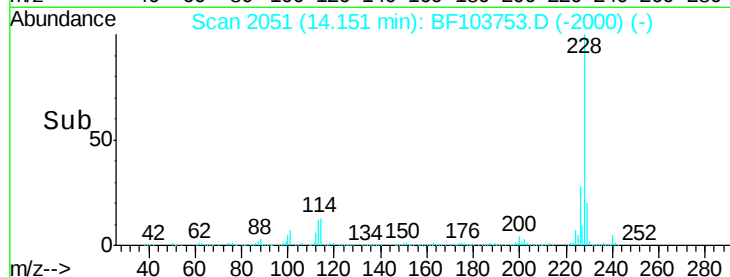
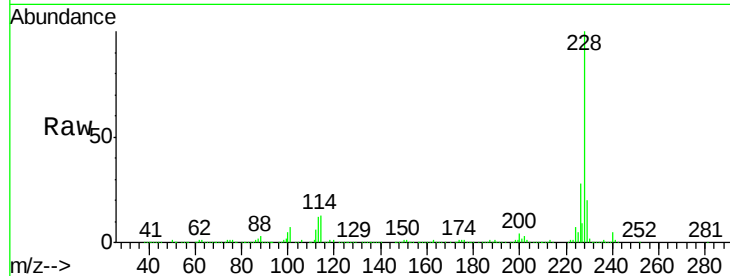
#80
Benzo(a)anthracene
Concen: 46.675 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.8	15.8	23.6

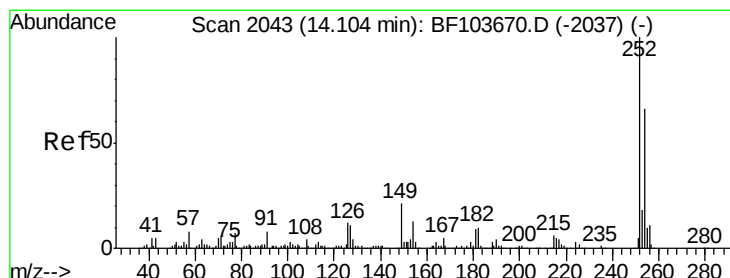
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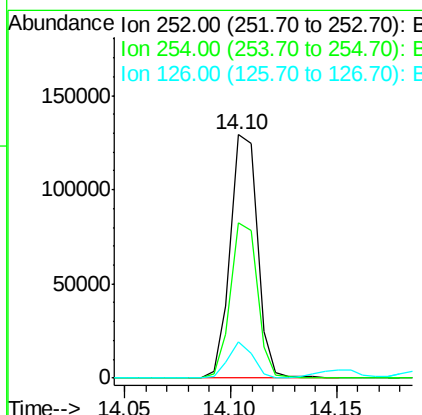
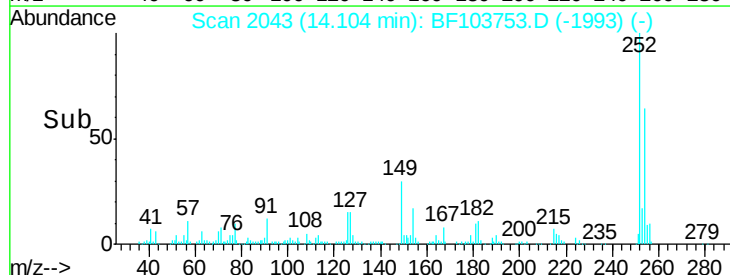
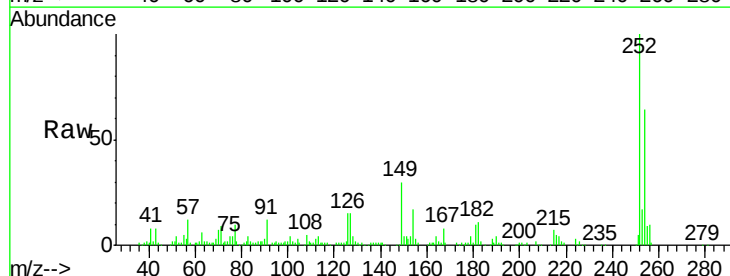
Sohil

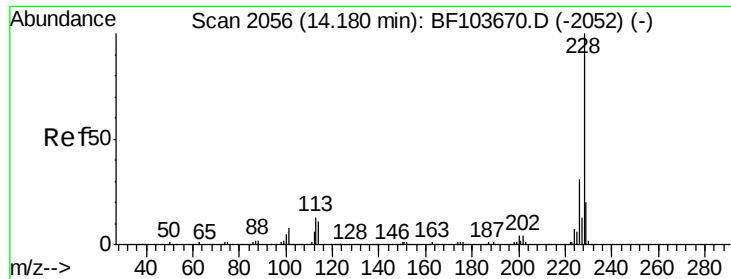
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#81
3,3'-Dichlorobenzidine
Concen: 11.832 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	15.0	11.3	16.9





#82

Chrysene

Concen: 45.686 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMS

Tot Ion:228 Resp: 1267536

Ion Ratio Lower Upper

228 100

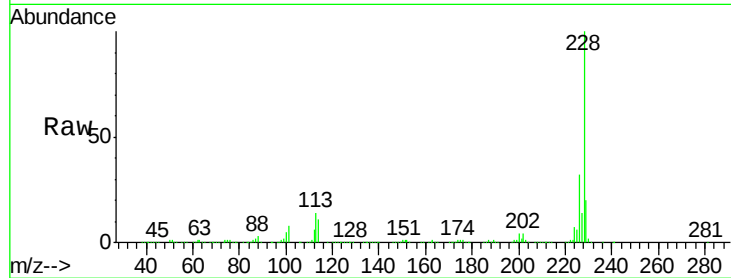
226 31.9 25.0 37.6

229 20.3 16.2 24.4

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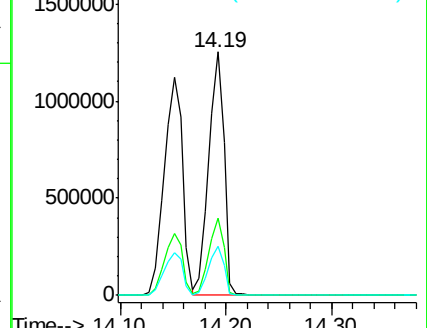
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Abundance Ion 228.00 (227.70 to 228.70): E

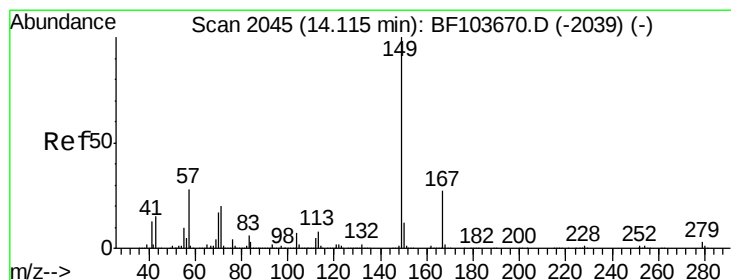
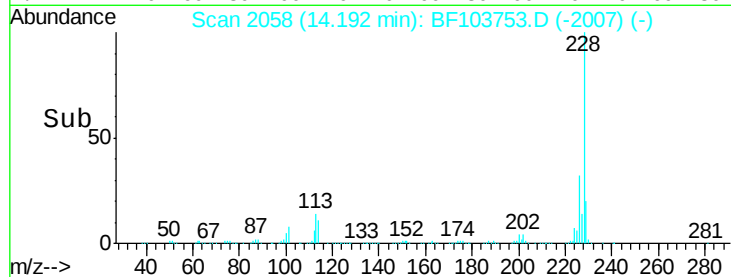
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 49.129 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

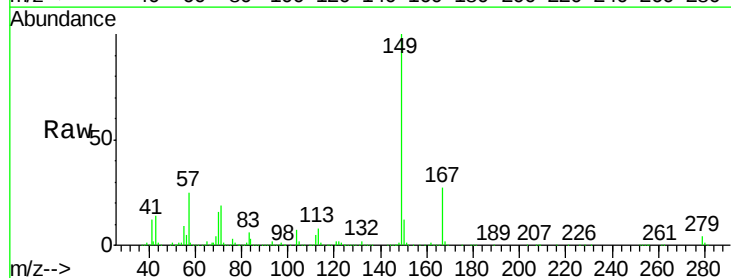
Tgt Ion:149 Resp: 1050010

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

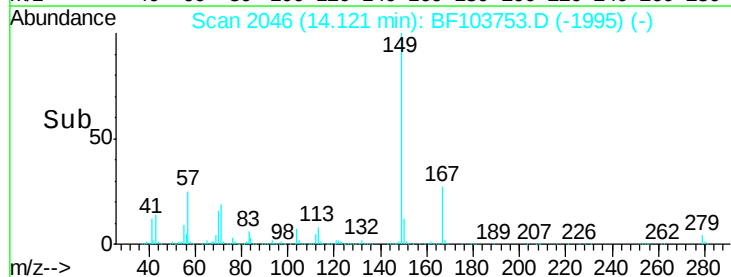
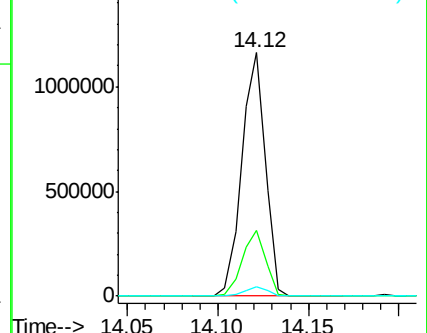
279 3.6 3.0 4.4

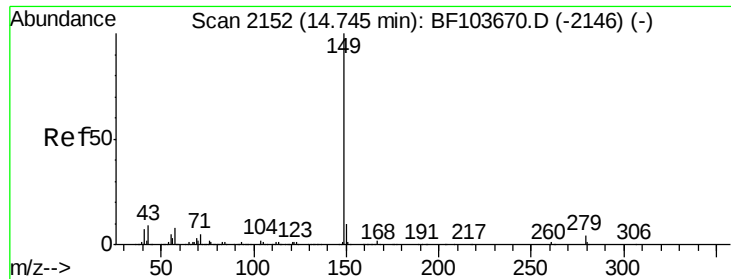


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.576 ng

RT: 14.75 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMS

Tot Ion:149 Resp: 1696936

Ion Ratio Lower Upper

149 100

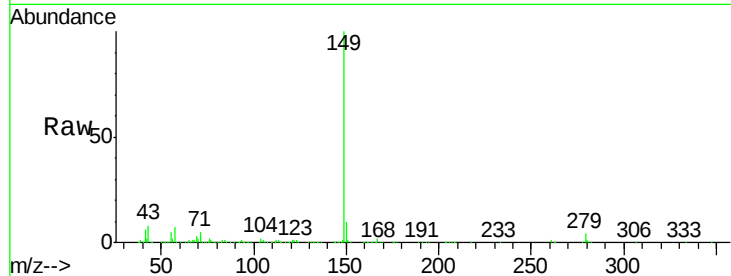
167 1.6 1.2 1.8

43 8.8 8.4 12.6

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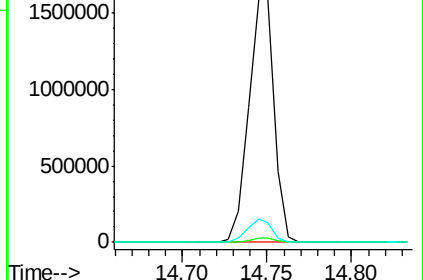
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Abundance Ion 149.00 (148.70 to 149.70): E

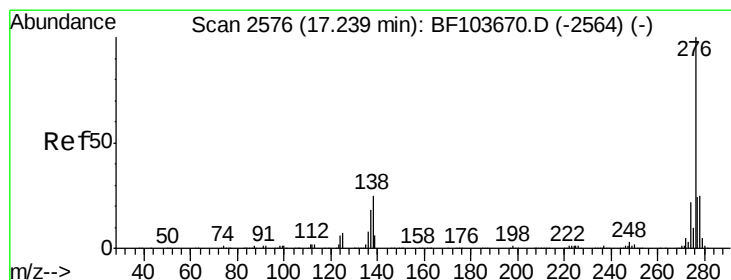
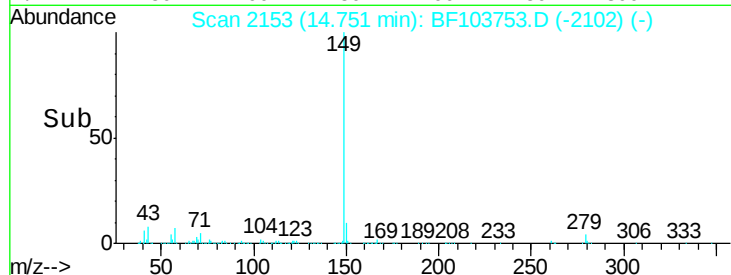
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



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#85

Indeno(1,2,3-cd)pyrene

Concen: 47.985 ng

RT: 17.27 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

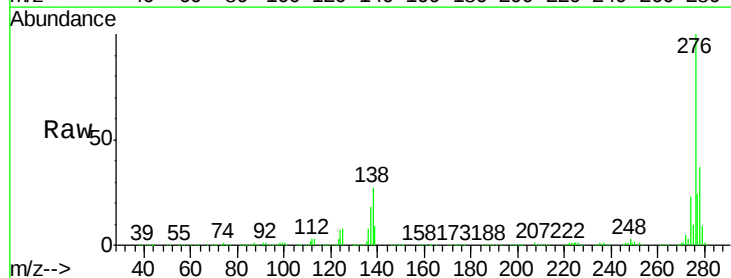
Tgt Ion:276 Resp: 1162634

Ion Ratio Lower Upper

276 100

138 30.0 25.0 37.6

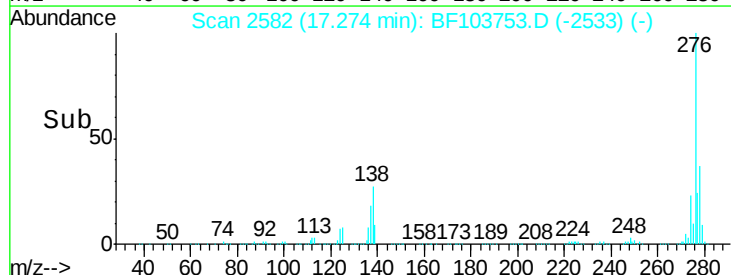
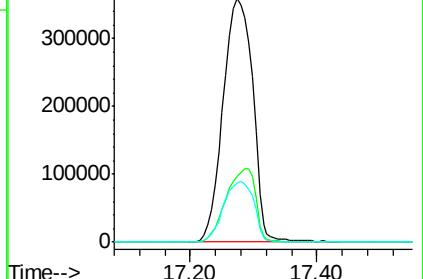
277 25.4 20.1 30.1

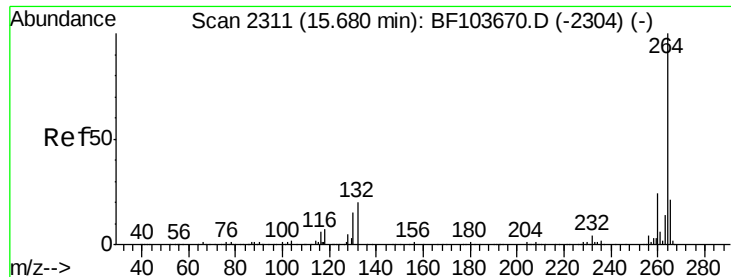


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





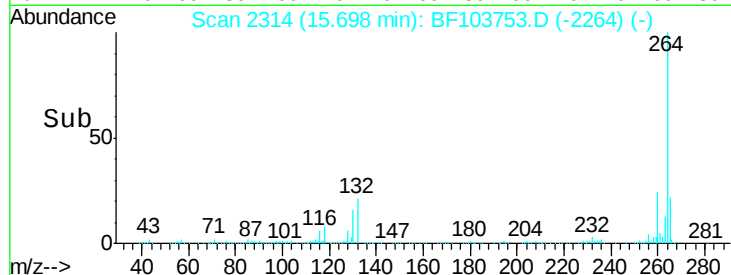
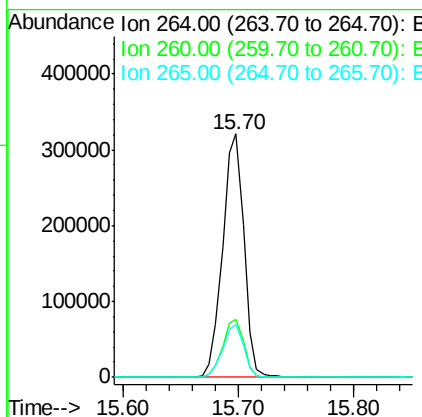
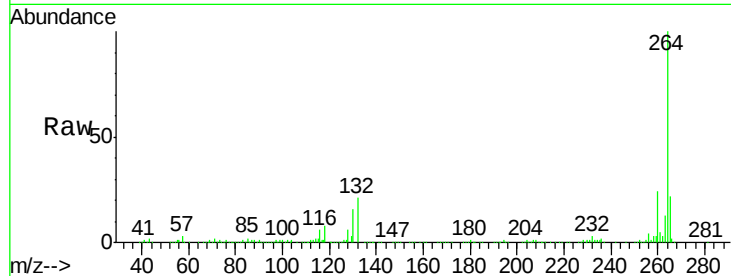
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3

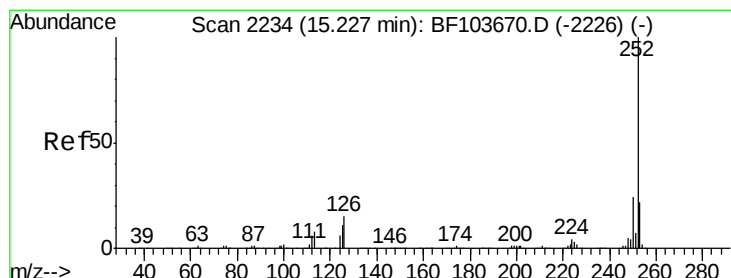
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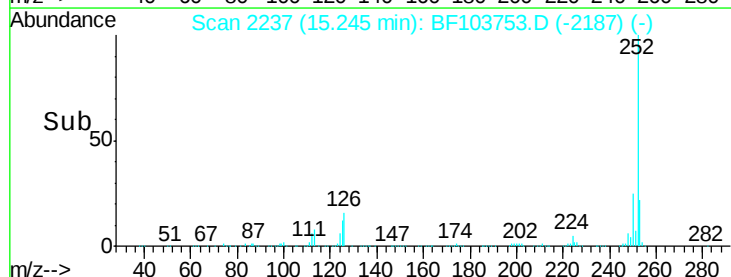
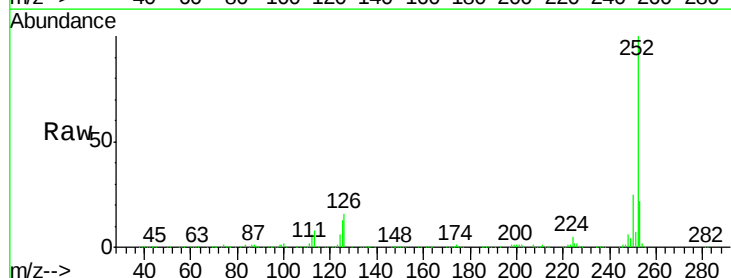
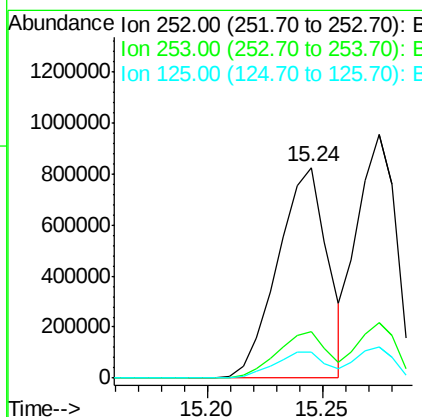
Sohil

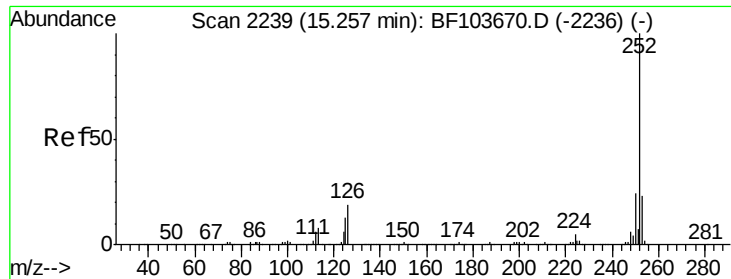
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#87
Benzo(b)fluoranthene
Concen: 47.751 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.5	9.0	13.6





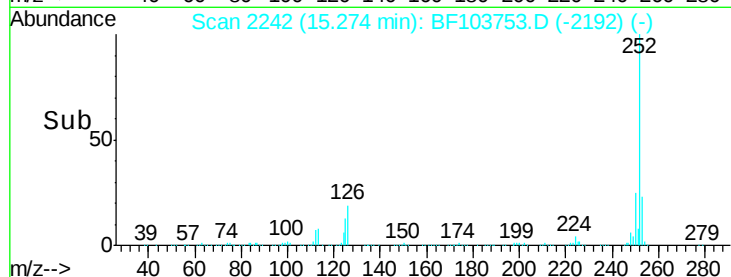
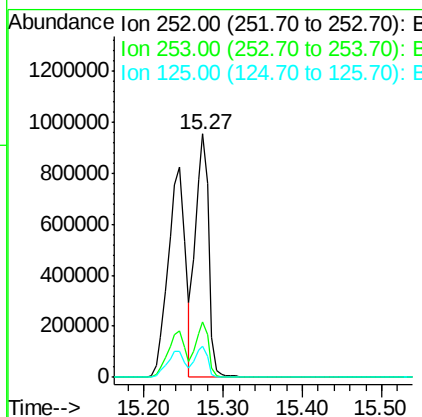
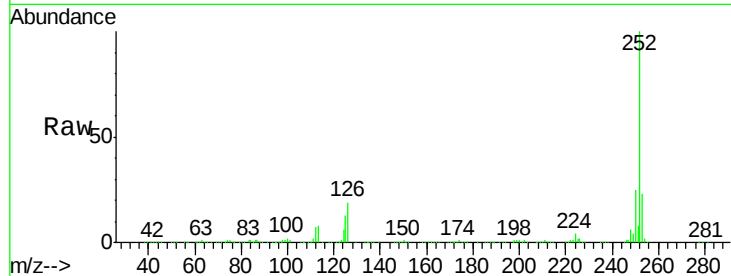
#88
Benzo(k)fluoranthene
Concen: 45.054 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

Tot Ion:252 Resp: 1125223
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.8 10.2 15.2

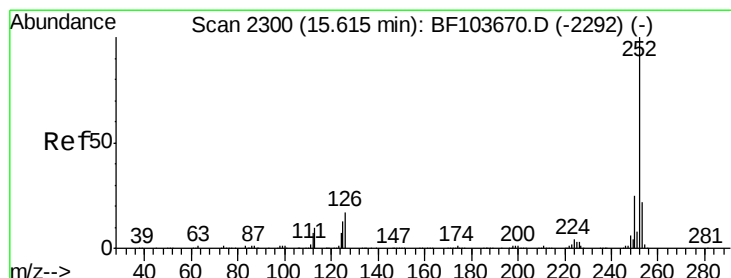
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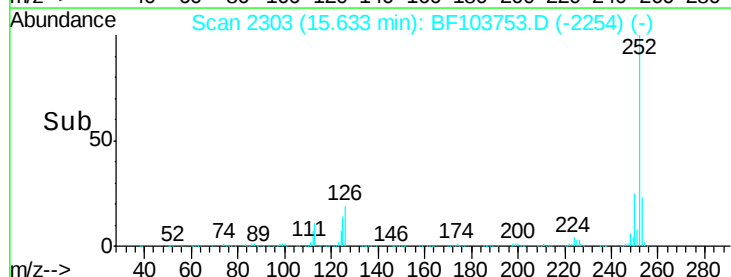
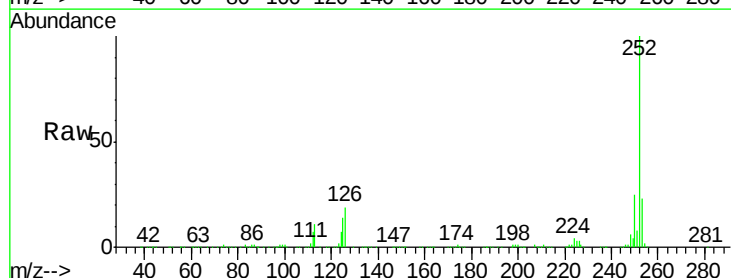
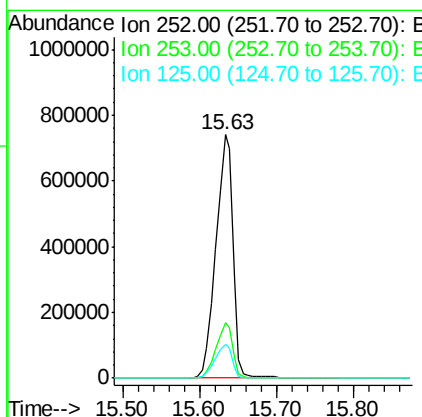
Sohil

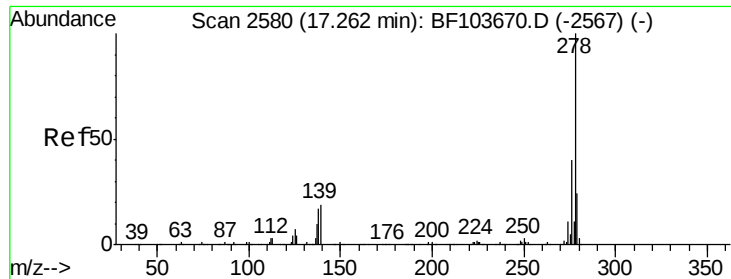
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#89
Benzo(a)pyrene
Concen: 47.402 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:252 Resp: 1117031
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.1 9.8 14.6





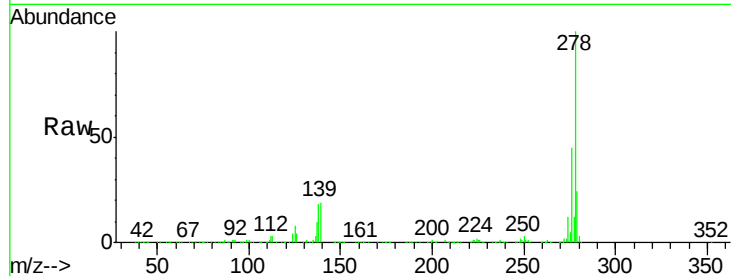
#90
Dibenzo(a,h)anthracene
Concen: 46.532 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMS

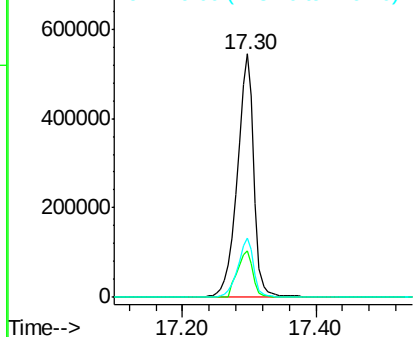
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	24.1	19.0	28.4

Manual Integrations
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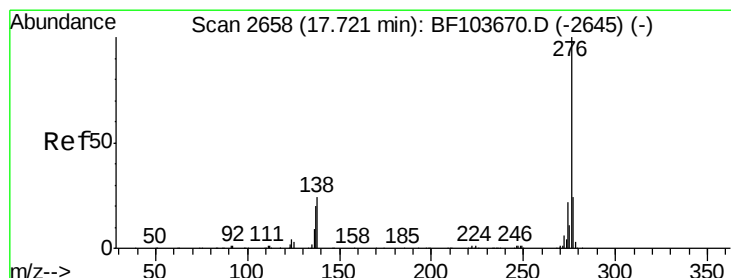
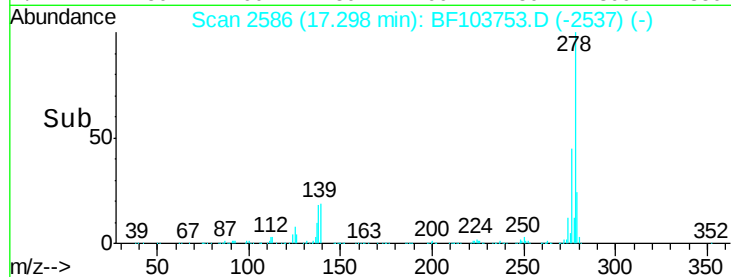


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



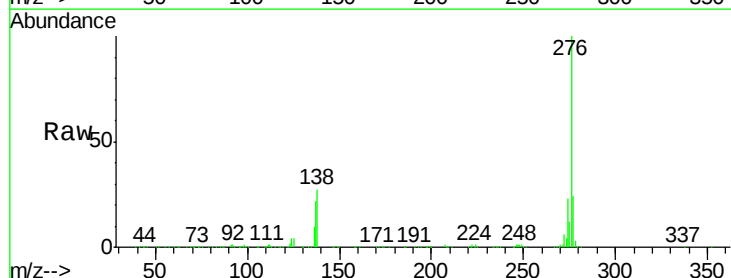
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#91
Benzo(g,h,i)perylene
Concen: 49.033 ng
RT: 17.76 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	26.6	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

