

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103754.D
 Acq On : 19 Mar 2018 13:57
 Operator : JU/SJ
 Sample : J1750-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/20/2018 6:26:28 PM

Quant Time: Mar 19 16:56:14 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	156047	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	648089	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	306009	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	554725	20.00	ng	0.00
75) Chrysene-d12	14.16	240	425402	20.00	ng	0.00
86) Perylene-d12	15.69	264	361285	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1243356	121.19	ng	0.02
7) Phenol-d6	6.60	99	1483721	118.21	ng	0.01
23) Nitrobenzene-d5	7.54	82	1045359	112.48	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	419886	159.59	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1733090	90.34	ng	0.00
78) Terphenyl-d14	13.10	244	1793748	97.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	189740	37.559	ng	# 76
3) Pyridine	3.72	79	426808	30.716	ng	87
4) n-Nitrosodimethylamine	3.67	42	214068	41.783	ng	# 76
6) Aniline	6.64	93	274042	15.290	ng	96
8) 2-Chlorophenol	6.76	128	504994	46.987	ng	95
9) Benzaldehyde	6.53	77	161848	19.627	ng	95
10) Phenol	6.62	94	553752	41.518	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	504088	45.782	ng	95
12) 1,3-Dichlorobenzene	6.92	146	525974	42.969	ng	99
13) 1,4-Dichlorobenzene	6.99	146	533923	43.407	ng	99
14) 1,2-Dichlorobenzene	7.15	146	496448	43.495	ng	99
15) Benzyl Alcohol	7.11	79	451501	46.426	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	687558	43.904	ng	93
17) 2-Methylphenol	7.22	107	436169	45.573	ng	98
18) Hexachloroethane	7.49	117	199926	46.208	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	348004	43.262	ng	91
20) 3+4-Methylphenols	7.37	107	514241	42.338	ng	94
22) Acetophenone	7.38	105	689158	41.375	ng	# 95
24) Nitrobenzene	7.56	77	555510	50.915	ng	97
25) Isophorone	7.79	82	1031107	47.928	ng	100
26) 2-Nitrophenol	7.87	139	281355	63.886	ng	96
27) 2,4-Dimethylphenol	7.90	122	491926	53.374	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	653295	50.148	ng	100
29) 2,4-Dichlorophenol	8.11	162	433920	51.749	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	437408	44.976	ng	99
31) Naphthalene	8.28	128	1528795	46.698	ng	100
32) Benzoic acid	8.00	122	175180	31.284	ng	98
33) 4-Chloroaniline	8.32	127	70091	5.103	ng	98
34) Hexachlorobutadiene	8.39	225	230440	43.217	ng	100
35) Caprolactam	8.70	113	117216m	40.597	ng	
36) 4-Chloro-3-methylphenol	8.80	107	475639	51.455	ng	98
37) 2-Methylnaphthalene	8.97	142	994200	47.888	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	393113	45.030	ng	98
40) Hexachlorocyclopentadiene	9.12	237	438583	97.360	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	298979	53.542	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	319041	50.621	ng	98
45) 1,1'-Biphenyl	9.43	154	1136704	44.547	ng	99
46) 2-Chloronaphthalene	9.46	162	906301	44.718	ng	99
47) 2-Nitroaniline	9.56	65	297125	54.900	ng	94
48) Acenaphthylene	9.88	152	1382034	43.975	ng	99
49) Dimethylphthalate	9.73	163	1115796	47.792	ng	99
50) 2,6-Dinitrotoluene	9.80	165	254680	55.694	ng	95
51) Acenaphthene	10.05	154	919156	49.256	ng	99
52) 3-Nitroaniline	9.96	138	126147	25.268	ng	98
53) 2,4-Dinitrophenol	10.07	184	166919	100.084	ng	# 20
54) Dibenzofuran	10.22	168	1246364	46.765	ng	97
55) 4-Nitrophenol	10.13	139	423082	97.801	ng	94
56) 2,4-Dinitrotoluene	10.20	165	342488	58.322	ng	98
57) Fluorene	10.57	166	948434	45.860	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	255984	57.320	ng	95
59) Diethylphthalate	10.43	149	1069395	46.150	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	438108	46.353	ng	95
61) 4-Nitroaniline	10.59	138	289184	54.924	ng	93
62) Azobenzene	10.72	77	1041356	44.202	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	132510	58.697	ng	# 75
65) n-Nitrosodiphenylamine	10.67	169	893857	47.339	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	276388	48.527	ng	96
67) Hexachlorobenzene	11.12	284	306992	47.225	ng	94
68) Atrazine	11.20	200	290013	49.652	ng	99
69) Pentachlorophenol	11.31	266	319443	85.475	ng	96
70) Phenanthrene	11.53	178	1405147	46.306	ng	100
71) Anthracene	11.59	178	1439234	46.698	ng	100
72) Carbazole	11.74	167	1381117	46.106	ng	99
73) Di-n-butylphthalate	12.06	149	1688871	46.987	ng	100
74) Fluoranthene	12.73	202	1479762	47.334	ng	100
76) Benzidine	12.84	184	148330	8.175	ng	97
77) Pyrene	12.96	202	1479947	47.372	ng	100
79) Butylbenzylphthalate	13.56	149	740373	53.489	ng	97
80) Benzo(a)anthracene	14.15	228	1325625	49.229	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	160829	17.856	ng	99
82) Chrysene	14.19	228	1211718	47.205	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	1021941	51.682	ng	99
84) Di-n-octyl phthalate	14.74	149	1672986	58.156	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	1029489	45.925	ng	98
87) Benzo(b)fluoranthene	15.24	252	1235009	54.107	ng	97
88) Benzo(k)fluoranthene	15.27	252	1017798	46.388	ng	99
89) Benzo(a)pyrene	15.63	252	1056034	51.010	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	842640	47.006	ng	99
91) Benzo(g,h,i)perylene	17.76	276	865374	49.621	ng	97

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

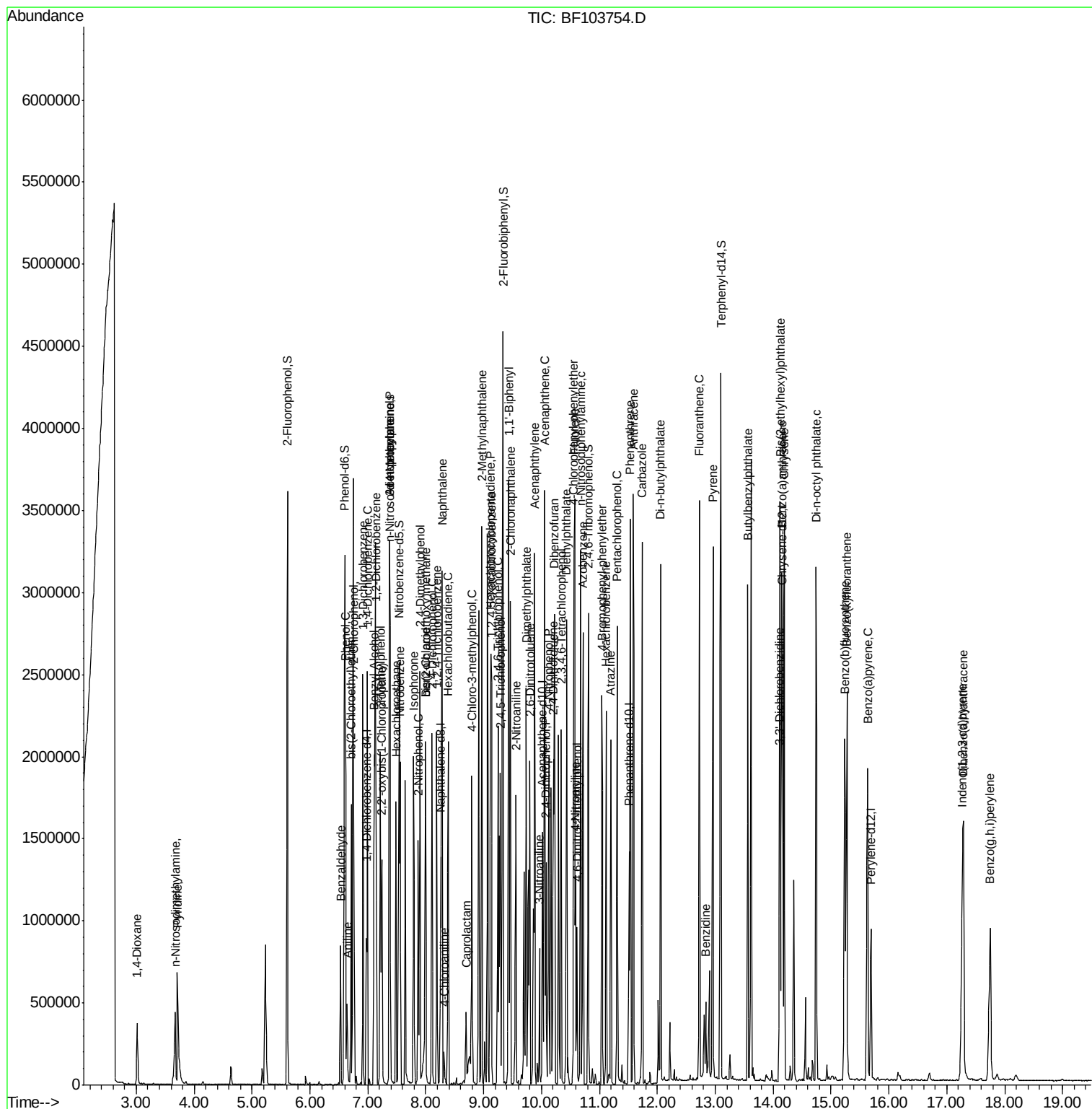
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Operator  : JU/SJ
Sample    : J1750-02MSD
Misc      :
ALS Vial  : 12      Sample Multiplier: 1
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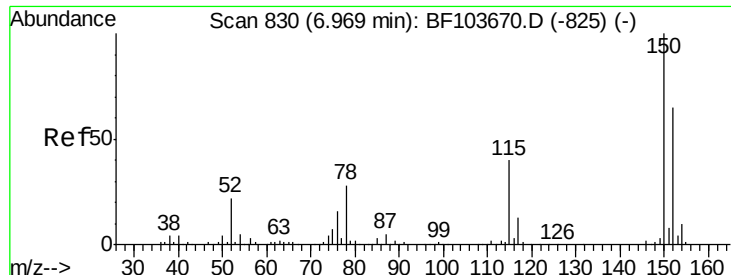
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BNA_F
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HR-05-031518-AMSD

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#1

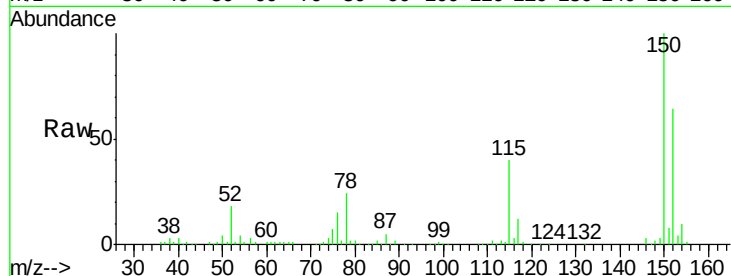
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

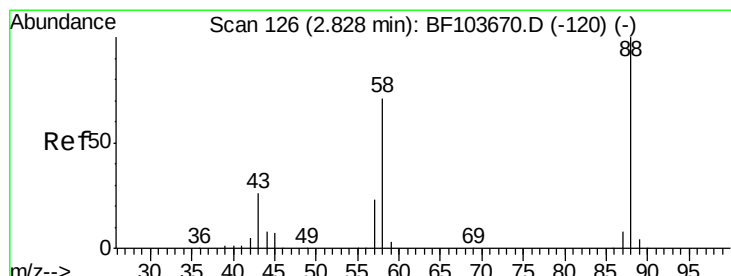
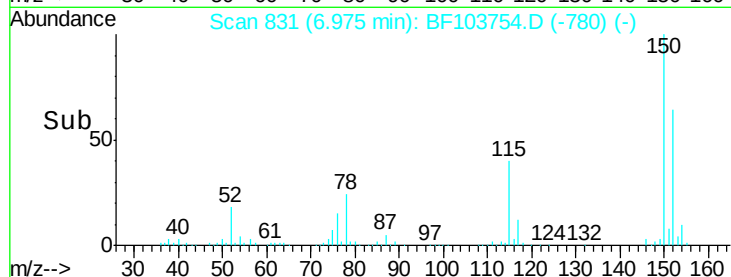
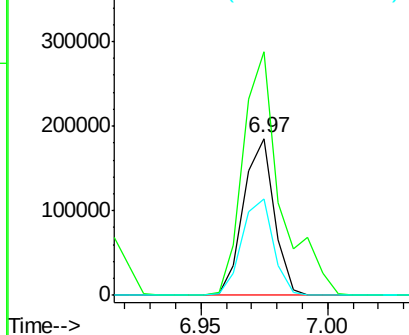
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.3	50.1	75.1

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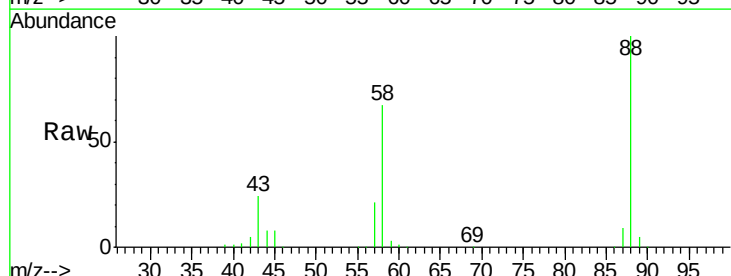
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



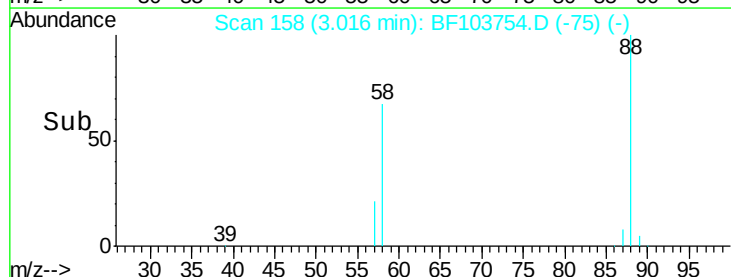
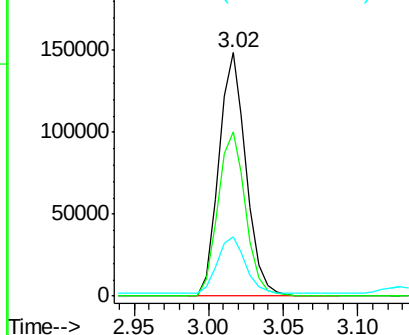
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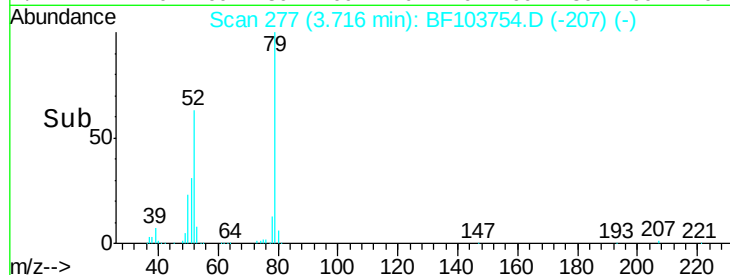
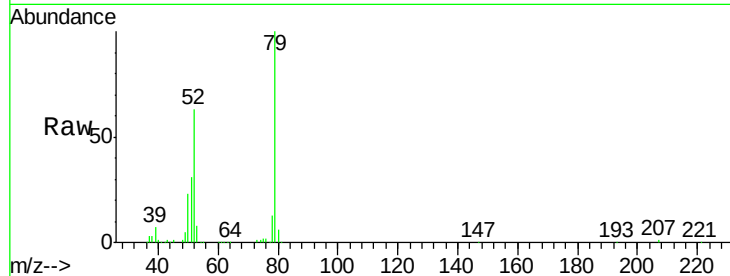
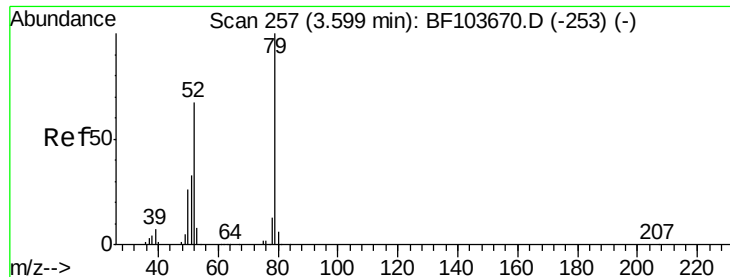
1,4-Dioxane
Concen: 37.559 ng
RT: 3.02 min Scan# 158
Delta R.T. 0.19 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	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





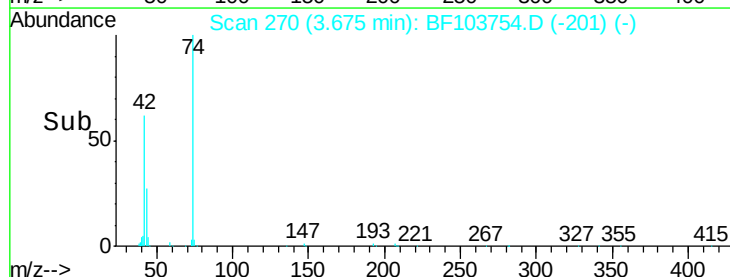
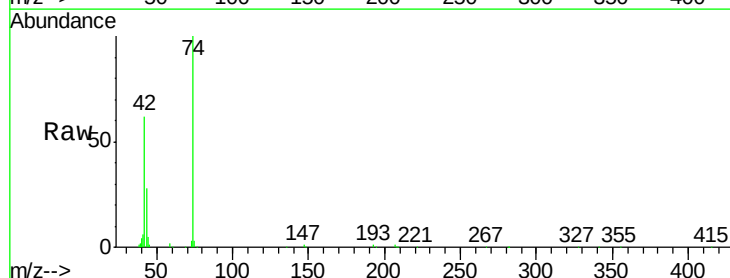
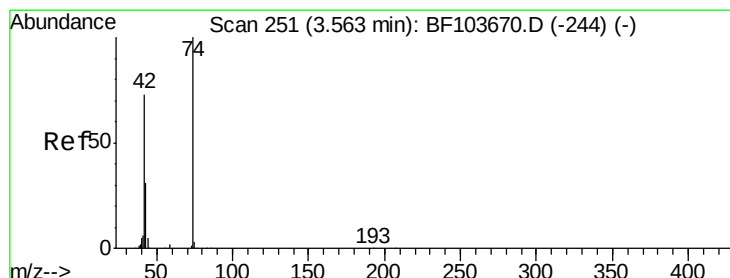
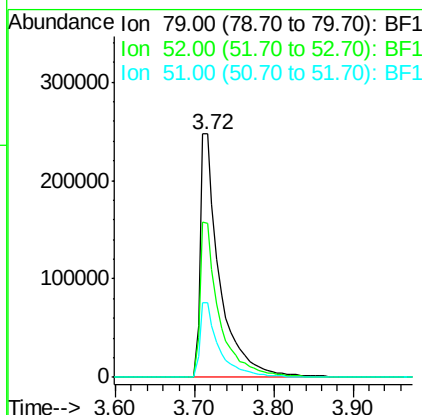
#3
Pvridine
Concen: 30.716 ng
RT: 3.72 min Scan# 277
Delta R.T. 0.11 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.1	59.8	89.6
51	30.8	29.8	44.8

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

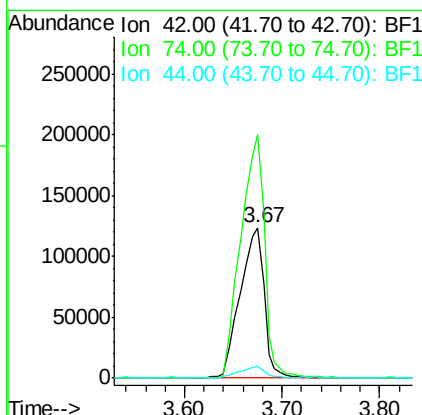
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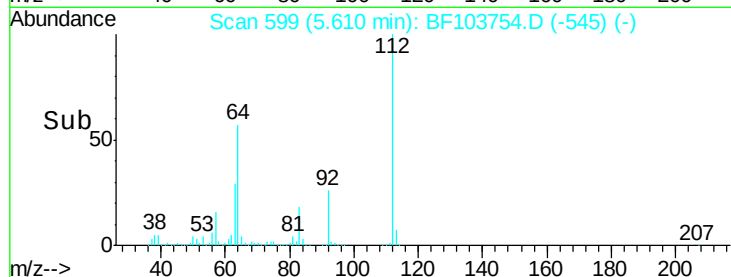
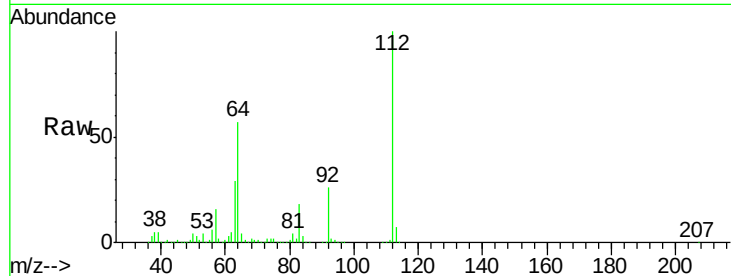
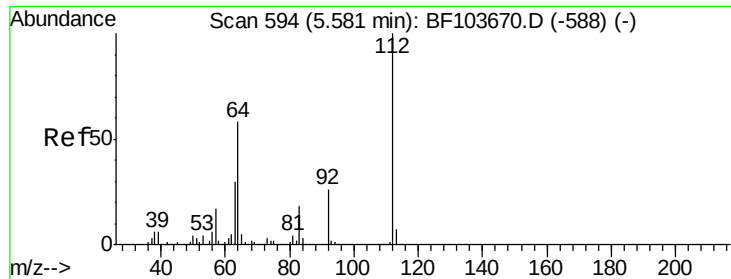
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#4
n-Nitrosodimethylamine
Concen: 41.783 ng
RT: 3.67 min Scan# 270
Delta R.T. 0.11 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.5	104.9	157.3#
44	7.7	6.9	10.3





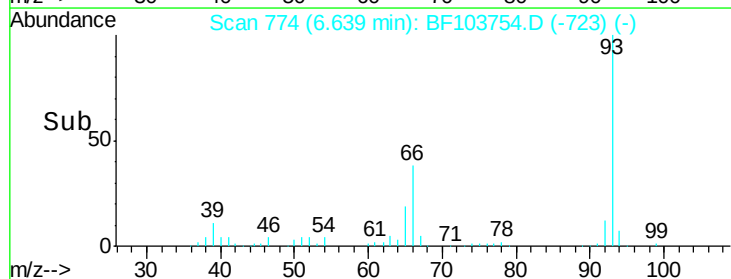
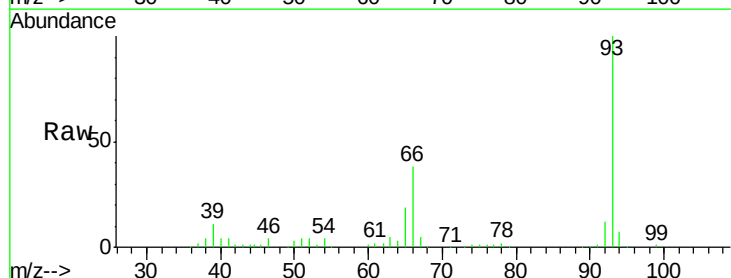
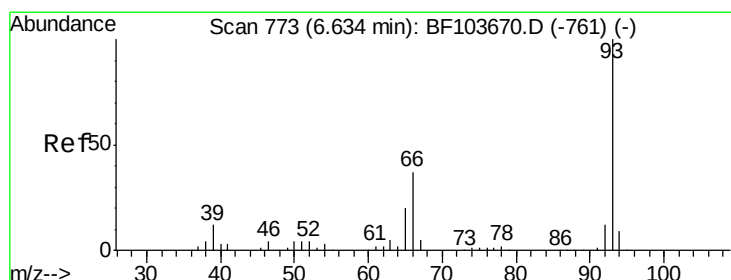
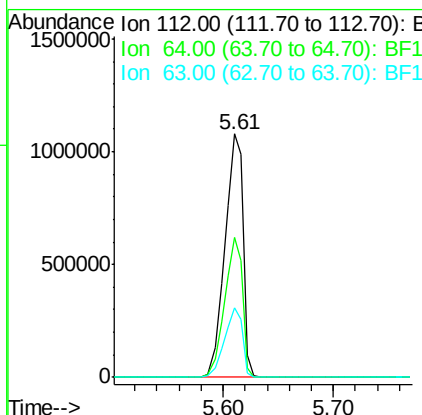
#5
2-Fluorophenol
Concen: 121.190 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.8	23.7	35.5

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ClientSampleId :
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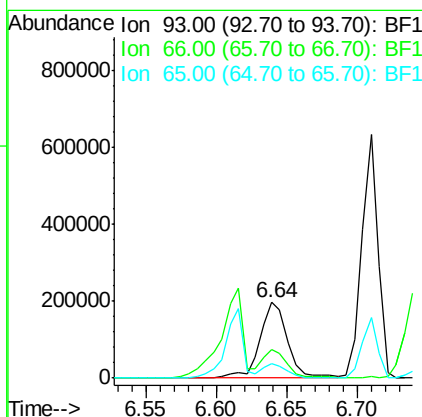
Manual Integrations
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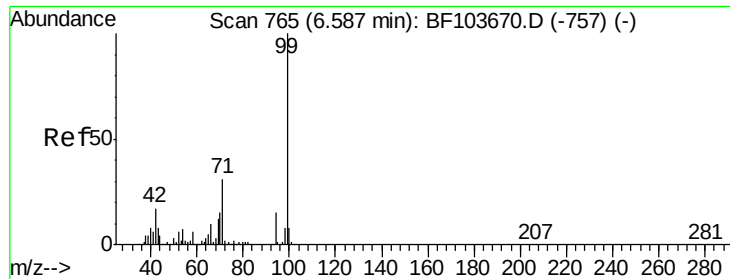
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#6
Aniline
Concen: 15.290 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.6	32.2	48.2
65	18.7	16.4	24.6





#7

Phenol-d6

Concen: 118.208 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMSD

Tot Ion: 99 Resp: 1483721

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

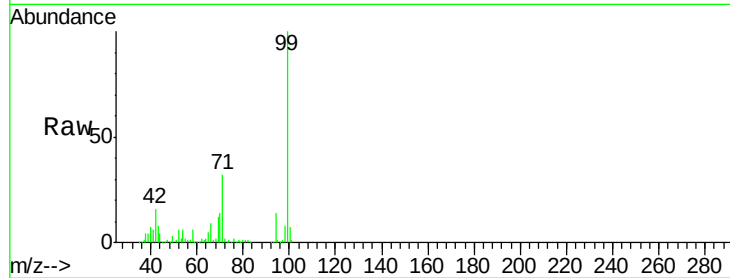
71 32.0 25.4 38.0

Manual Integrations

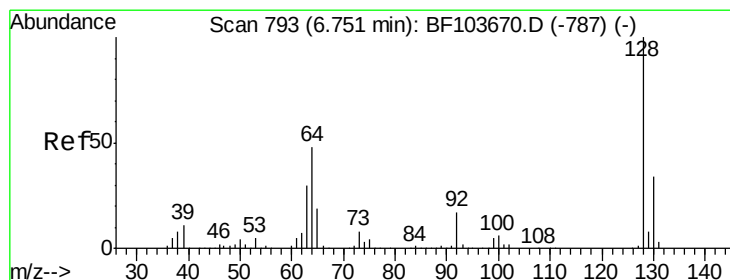
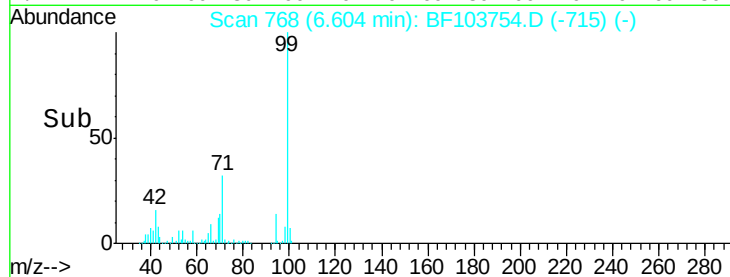
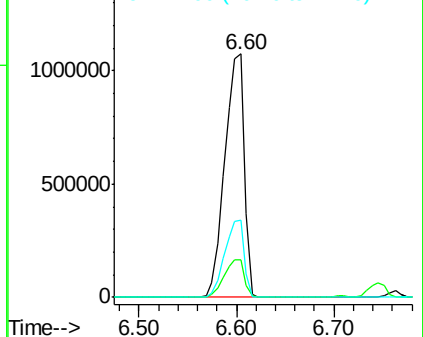
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.987 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

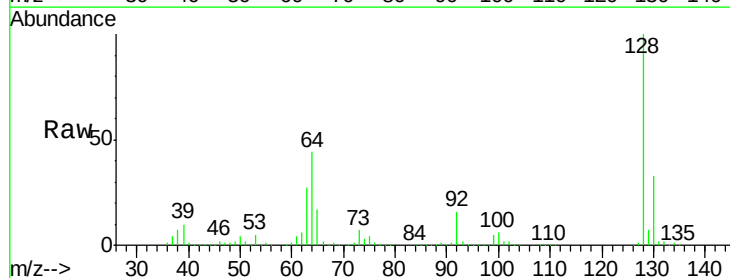
Tgt Ion: 128 Resp: 504994

Ion Ratio Lower Upper

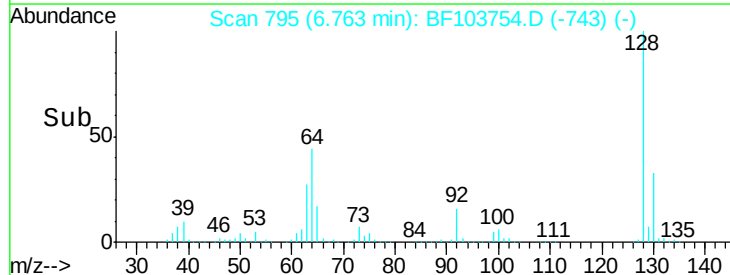
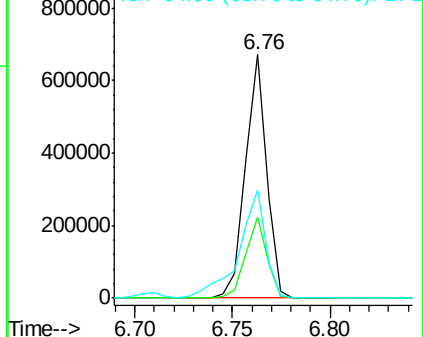
128 100

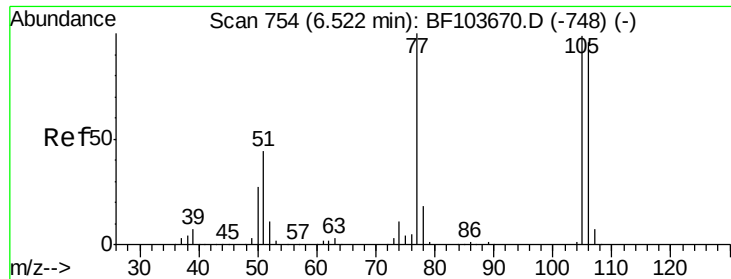
130 33.2 13.0 53.0

64 44.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.627 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

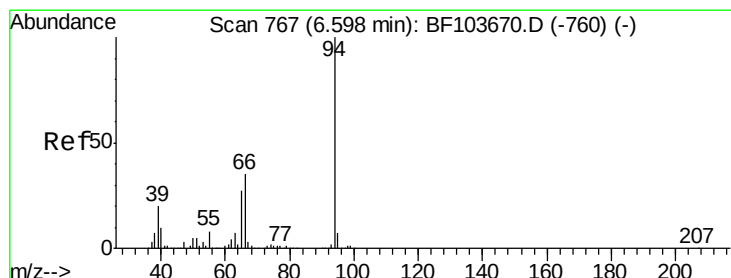
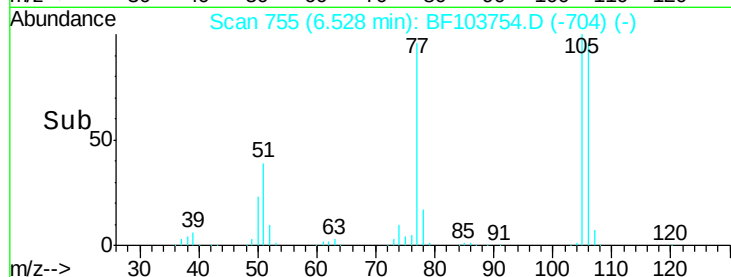
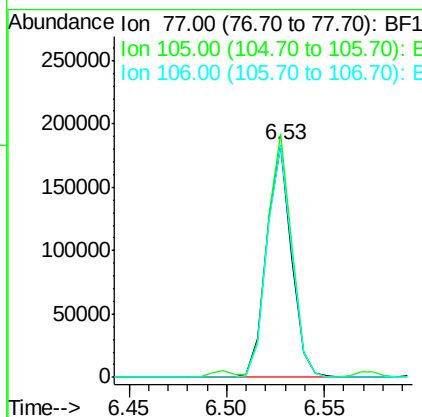
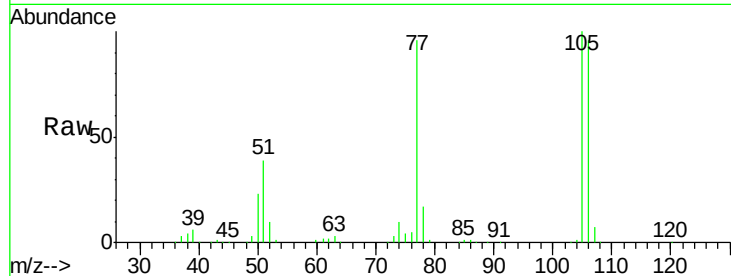
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	77	Resp:	161848
Ion	Ratio	Lower	Upper
77	100		
105	104.6	81.1	121.1
106	99.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 41.518 ng

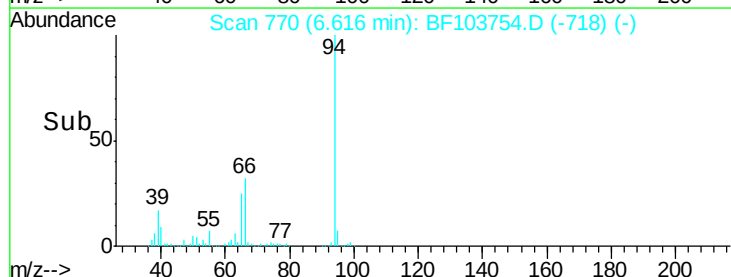
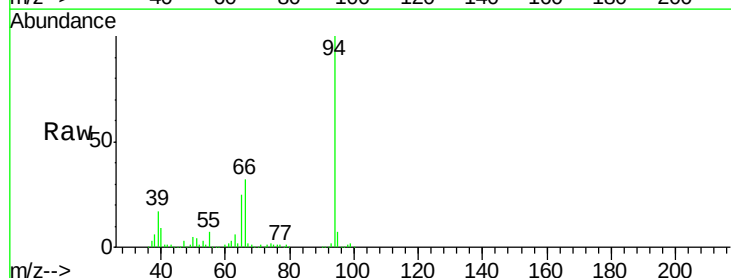
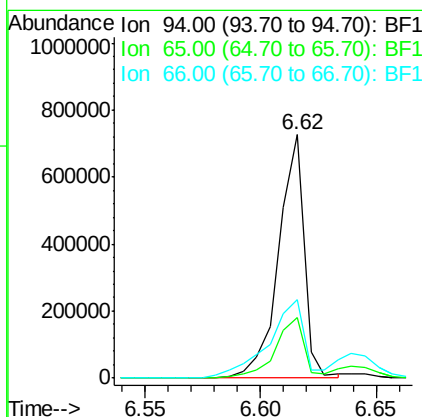
RT: 6.62 min Scan# 770

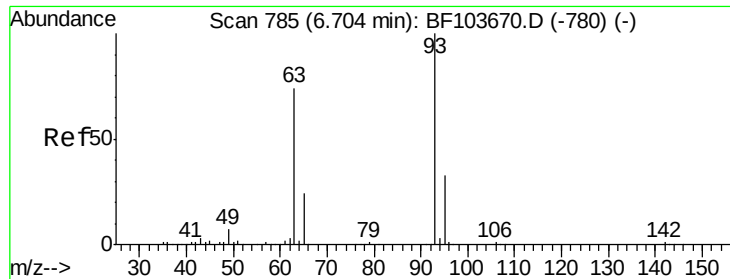
Delta R.T. 0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	94	Resp:	553752
Ion	Ratio	Lower	Upper
94	100		
65	25.1	7.9	47.9
66	32.4	16.2	56.2





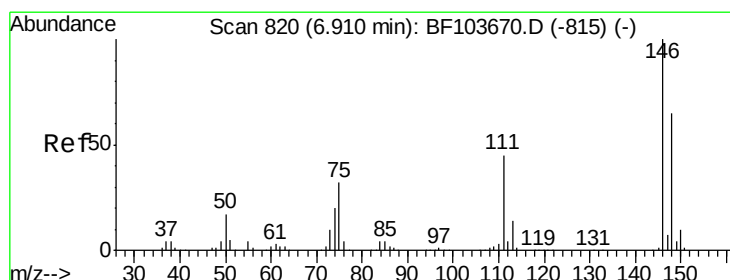
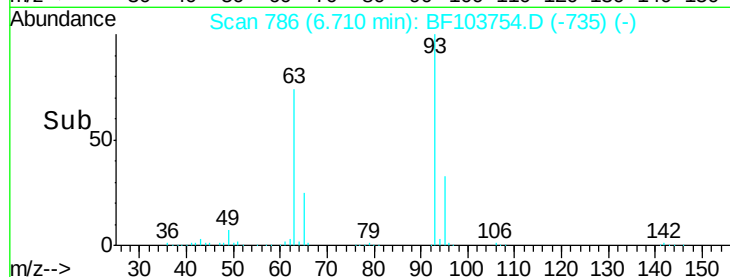
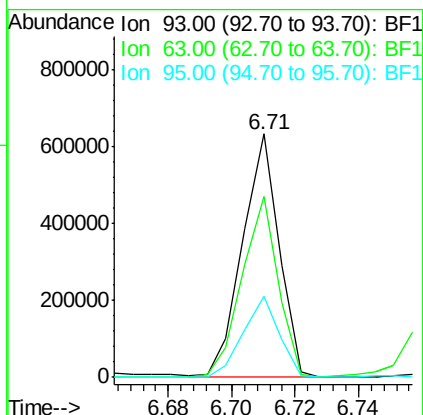
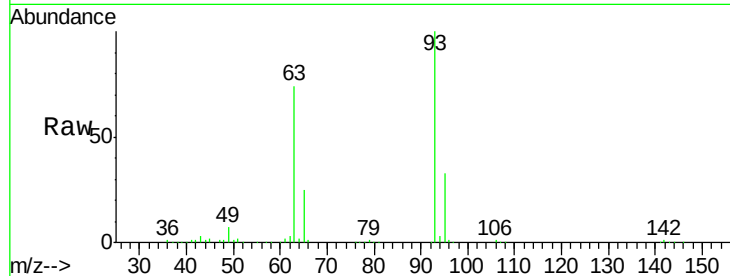
#11
bis(2-Chloroethyl)ether
Concen: 45.782 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	74.1	58.6	98.6	
95	33.4	11.8	51.8	

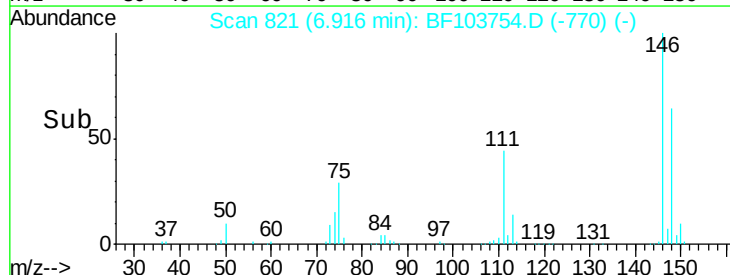
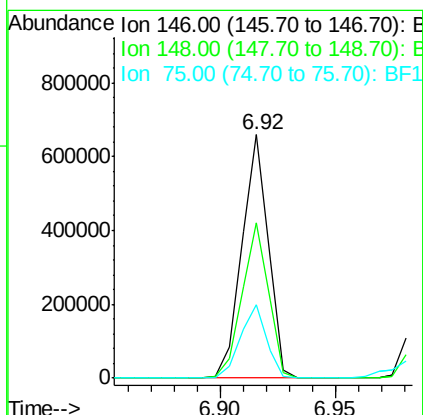
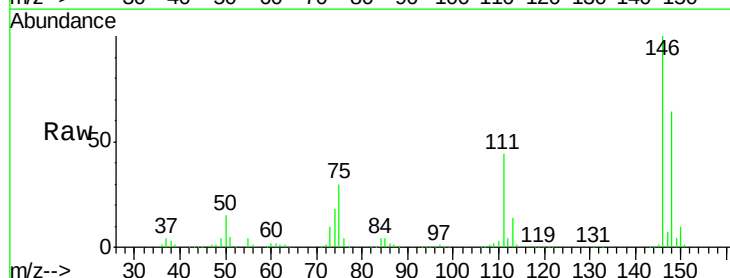
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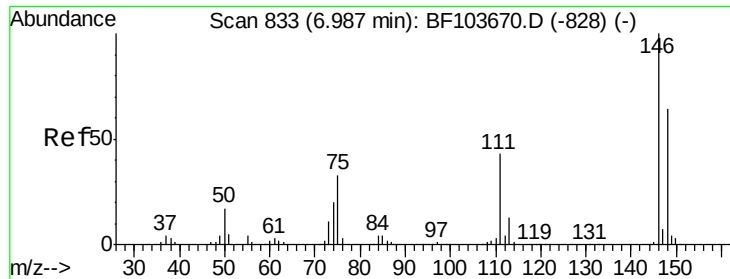
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#12
1,3-Dichlorobenzene
Concen: 42.969 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.7	51.8	77.8	
75	30.2	24.2	36.4	





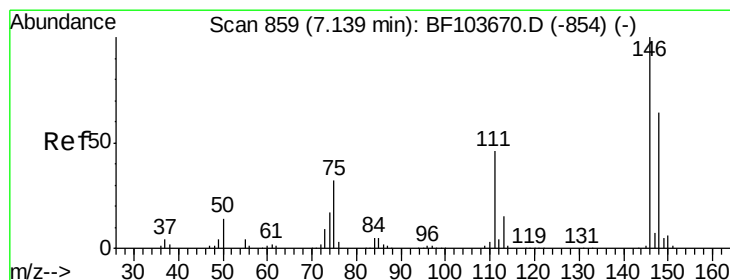
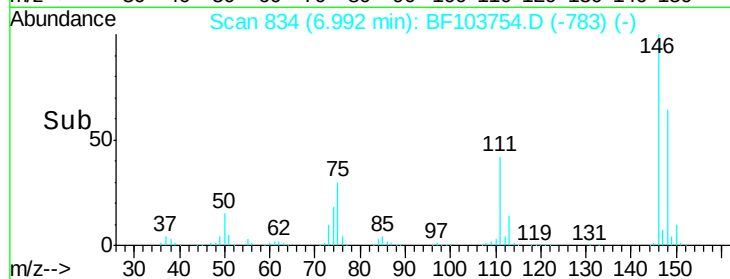
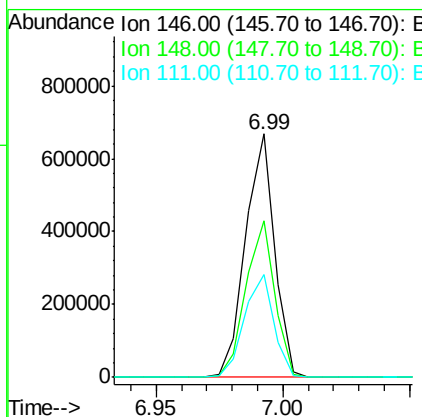
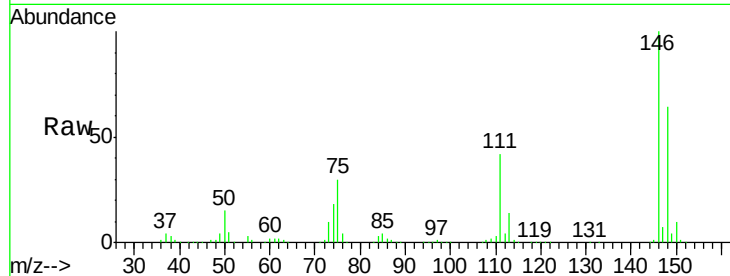
#13
 1,4-Dichlorobenzene
 Concen: 43.407 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	42.2	34.2	51.2

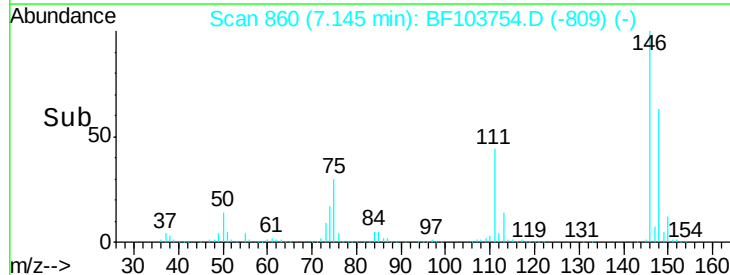
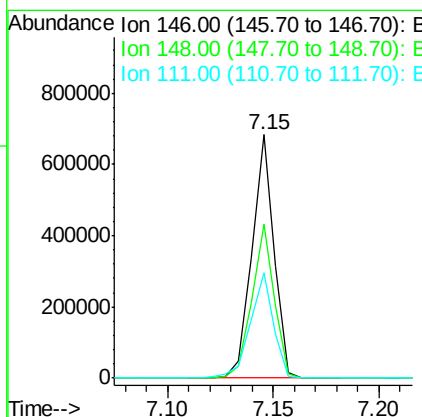
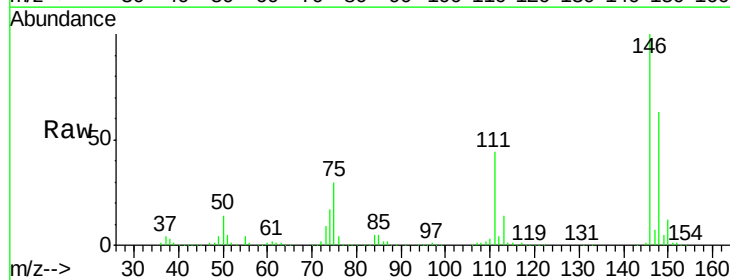
Manual Integrations
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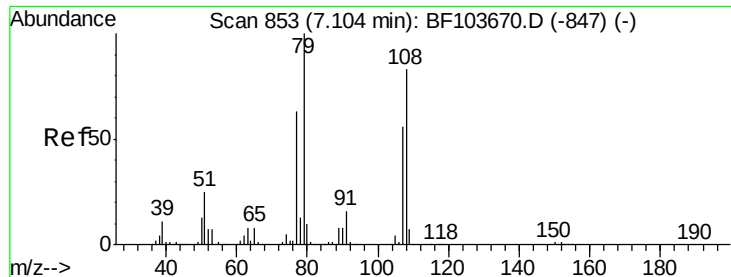
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#14
 1,2-Dichlorobenzene
 Concen: 43.495 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	43.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 46.426 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

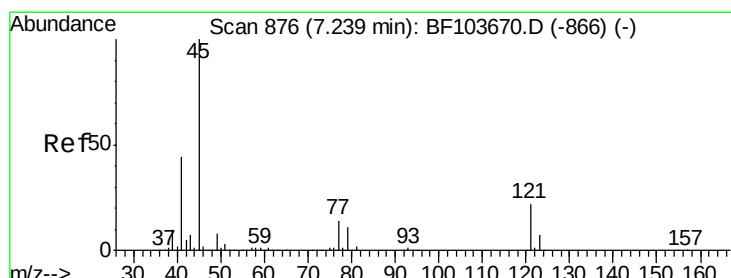
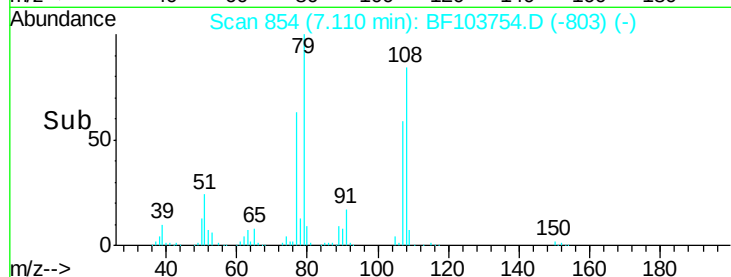
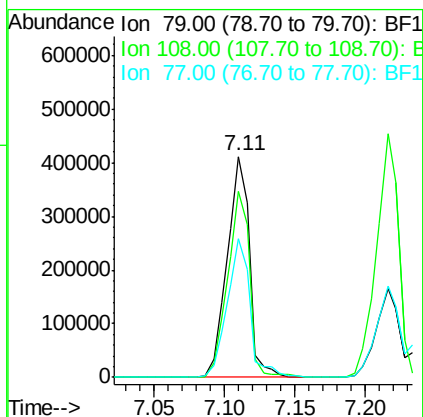
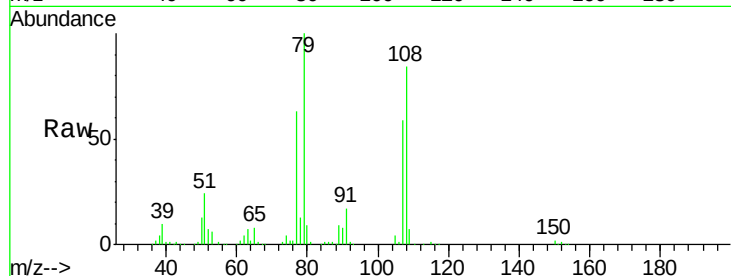
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	79	Resp:	451501
Ion	Ratio	Lower	Upper
79	100		
108	84.0	65.1	97.7
77	62.8	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.904 ng

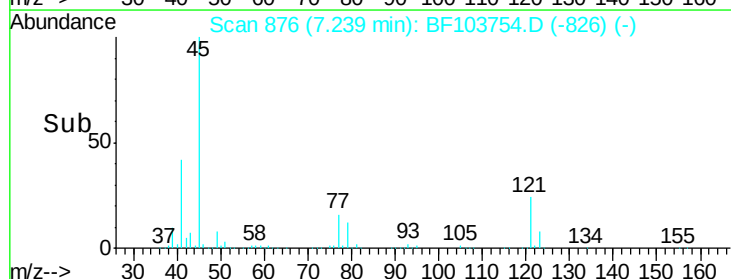
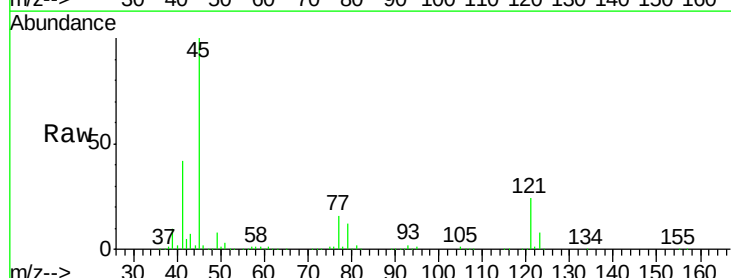
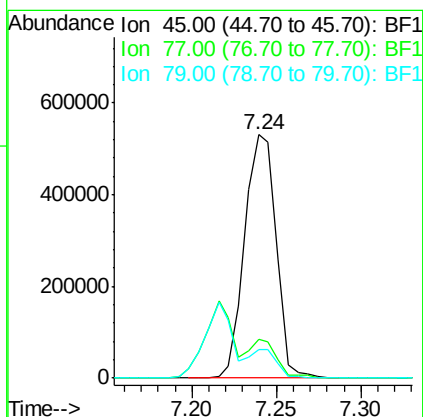
RT: 7.24 min Scan# 876

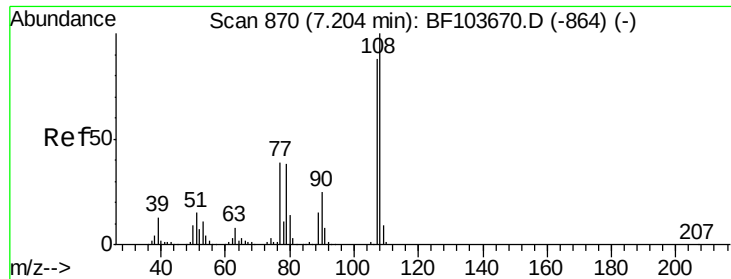
Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	45	Resp:	687558
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	32.9
79	11.6	0.0	29.6





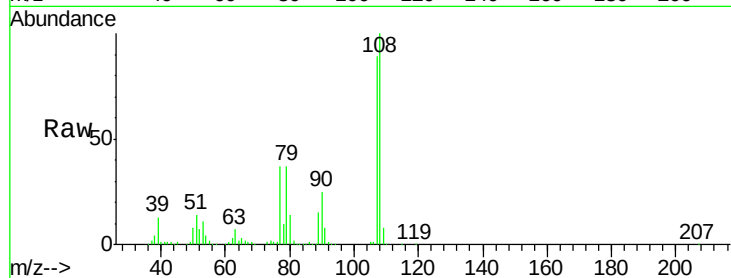
#17
2-Methylphenol
Concen: 45.573 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

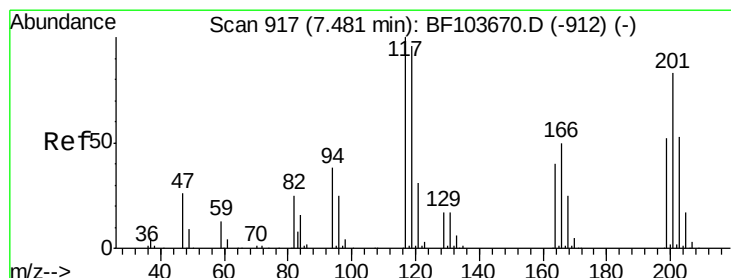
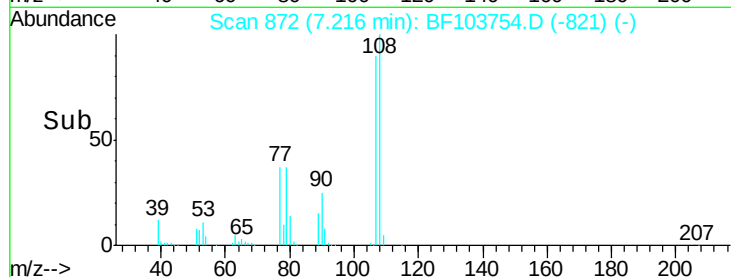
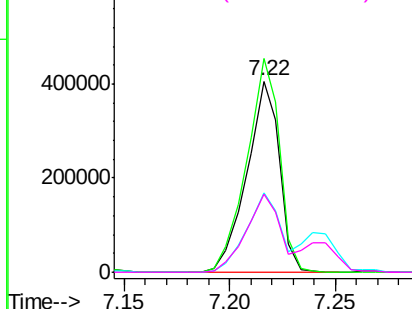
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	91.7	137.5	
77	41.8	33.8	50.8	
79	40.8	33.8	50.8	

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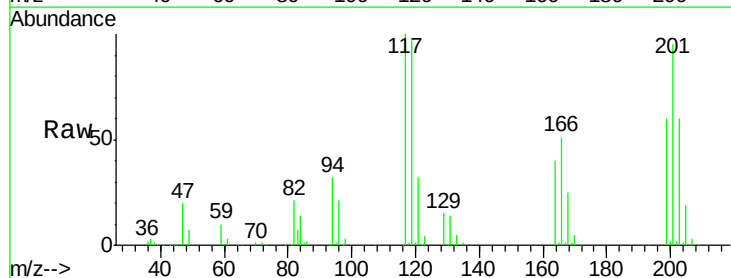


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

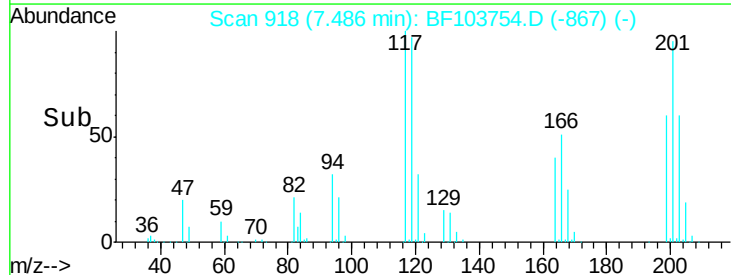
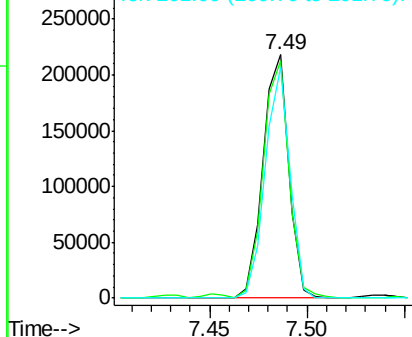


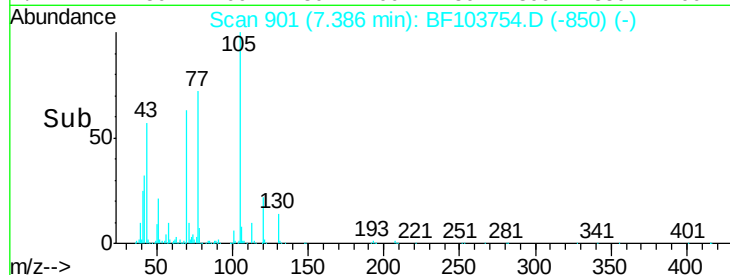
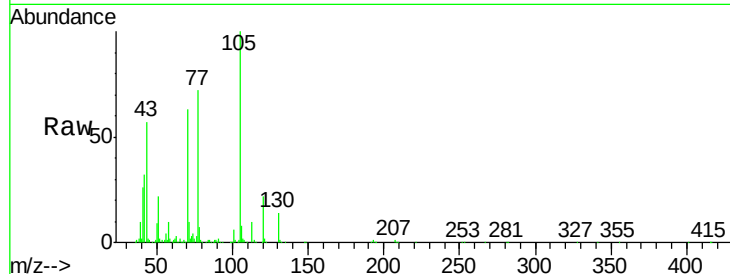
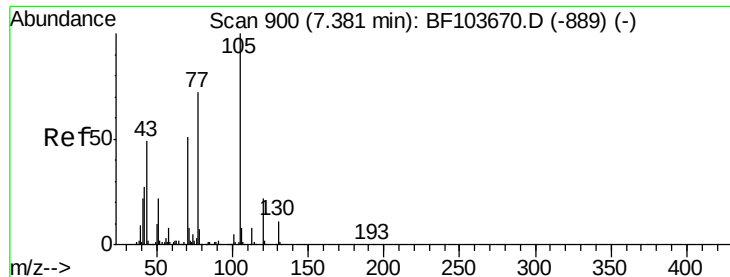
#18
Hexachloroethane
Concen: 46.208 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	75.8	113.8	
201	95.0	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





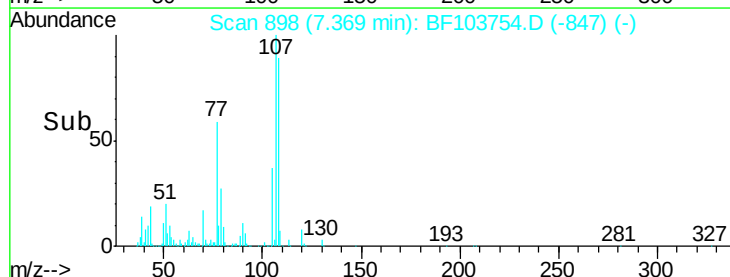
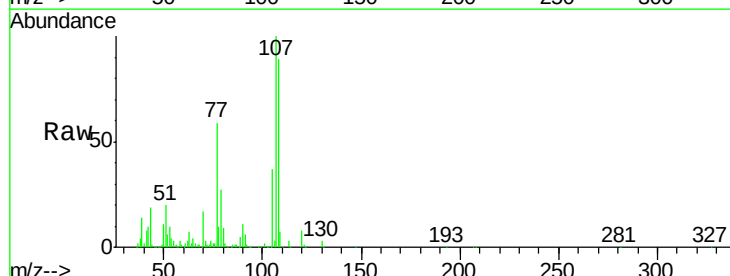
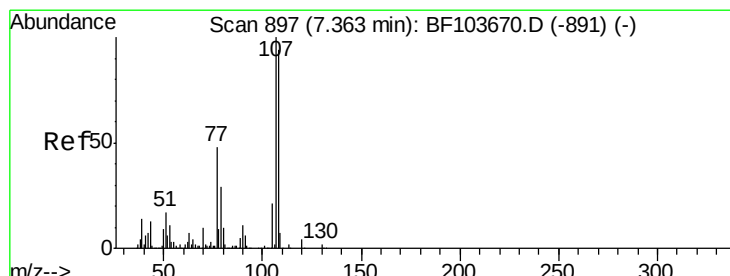
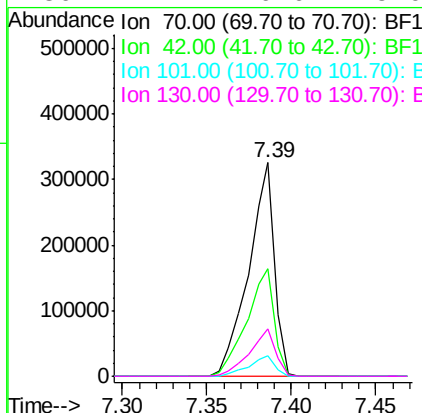
#19
n-Nitroso-di-n-propylamine
Concen: 43.262 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	70	Resp	348004
Ion Ratio	Lower	Upper	
70	100		
42	50.6	47.5	71.3
101	9.8	7.4	11.2
130	22.4	16.6	25.0

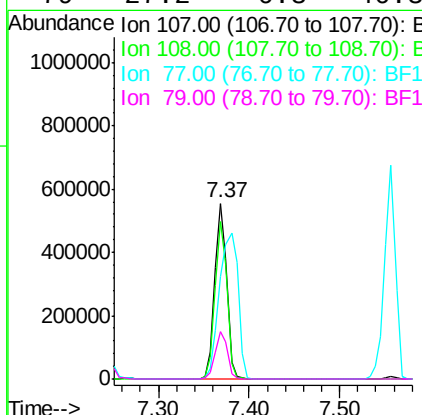
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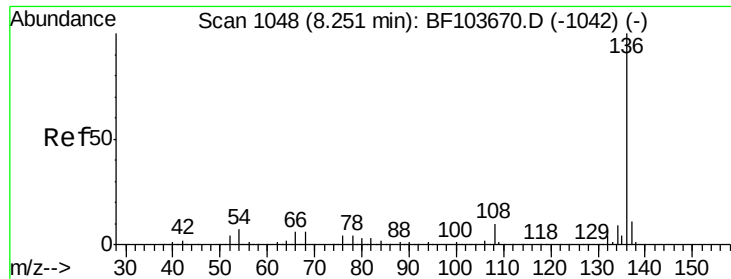
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#20
3+4-Methylphenols
Concen: 42.338 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	107	Resp	514241
Ion Ratio	Lower	Upper	
107	100		
108	89.5	68.2	108.2
77	58.6	26.7	66.7
79	27.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

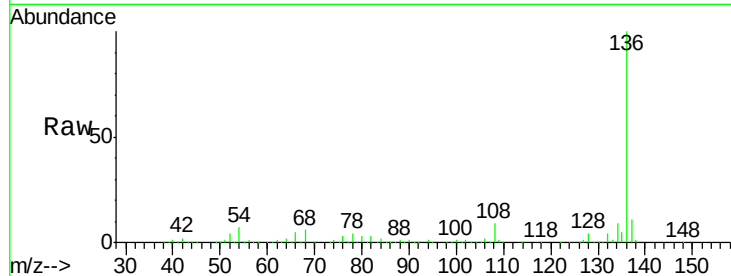
ClientSampleId :

HR-05-031518-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		648089		
137	11.0		8.9	13.3	
54	7.0		6.6	9.8	
68	6.3		5.0	7.4	

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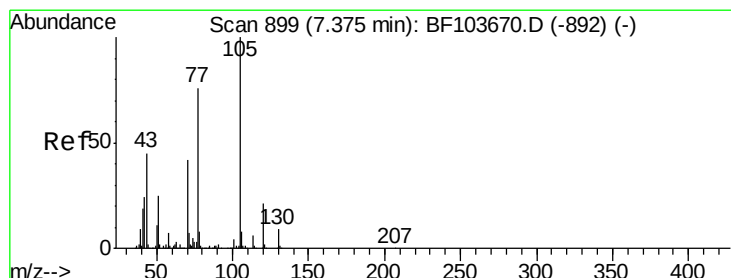
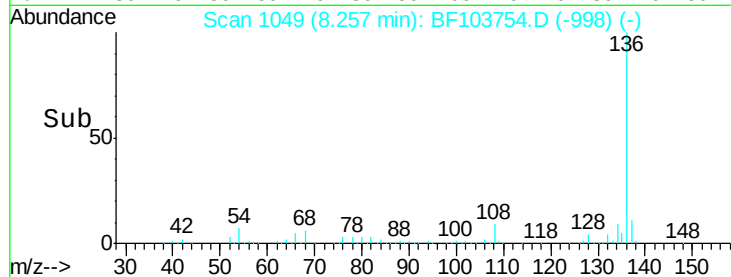
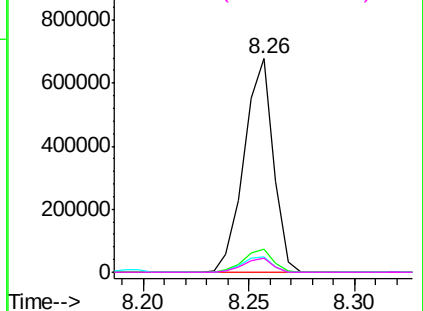
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.375 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		689158		
71	7.2		4.4	6.6#	
51	23.7		22.3	33.5	
120	21.6		16.9	25.3	

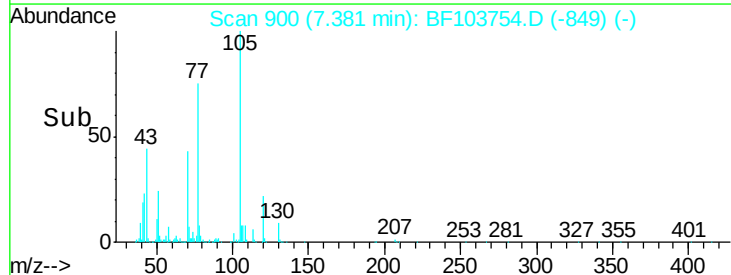
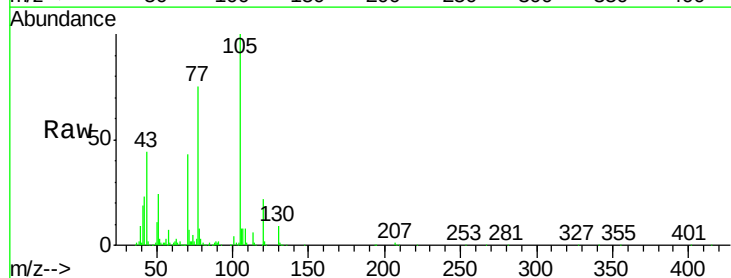
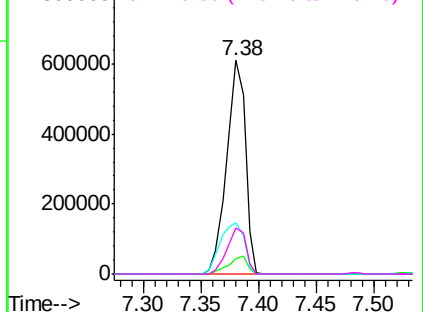
Abundance

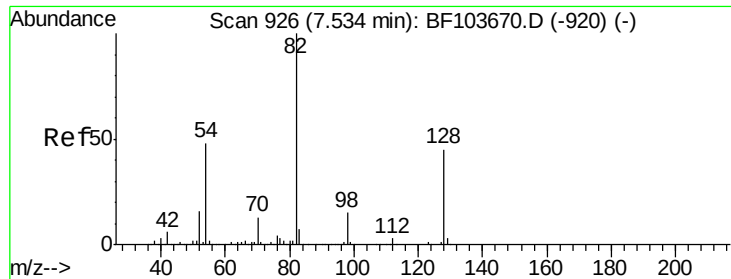
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





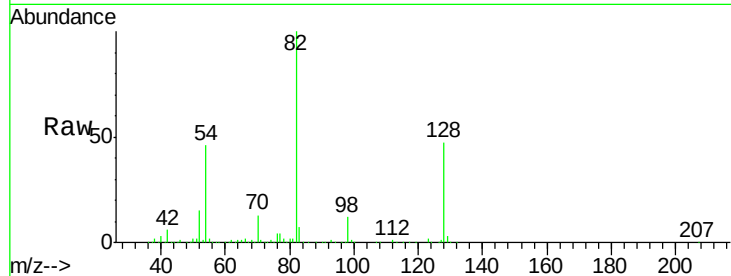
#23
 Nitrobenzene-d5
 Concen: 112.483 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	45.5	41.4	62.2

Manual Integrations
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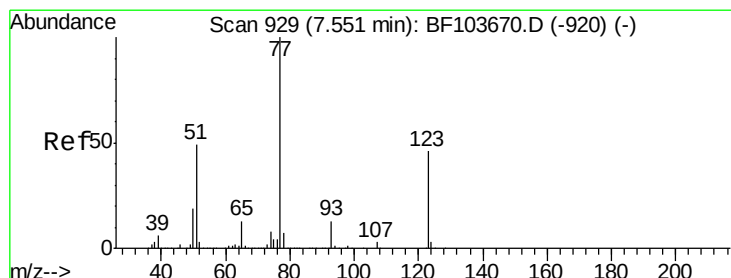
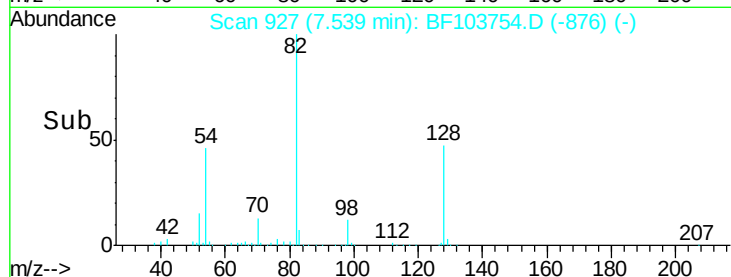
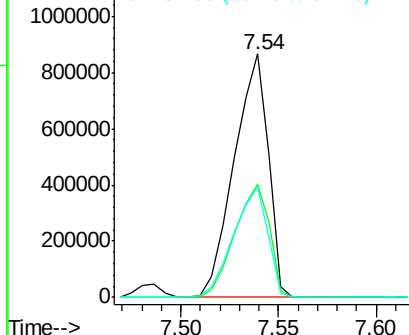


Abundance

Ion 82.00 (81.70 to 82.70): BF1

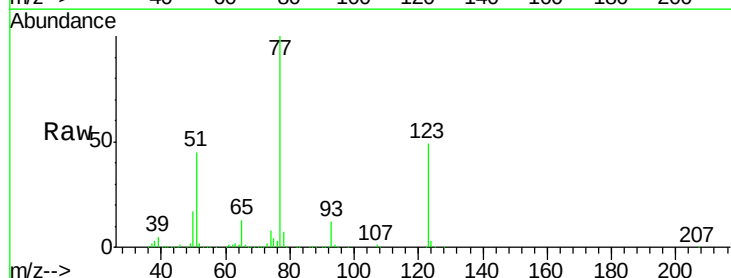
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 50.915 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.9	56.9
65	12.9	11.0	16.4

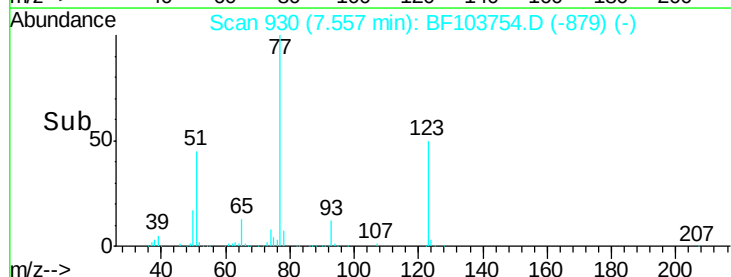
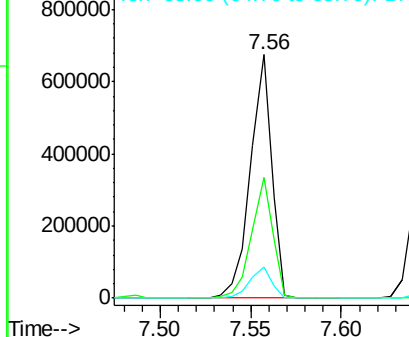


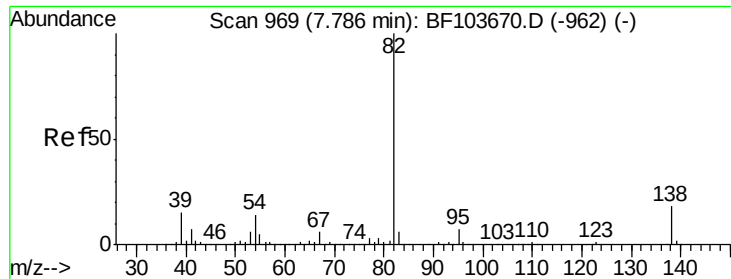
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.928 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

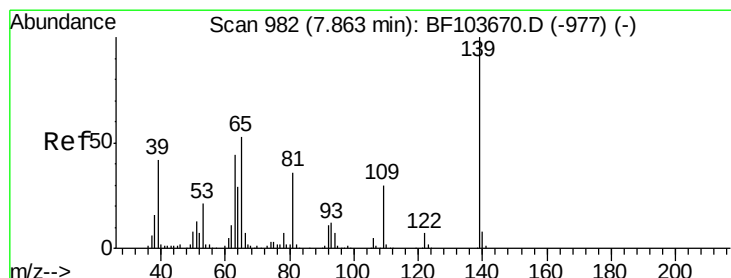
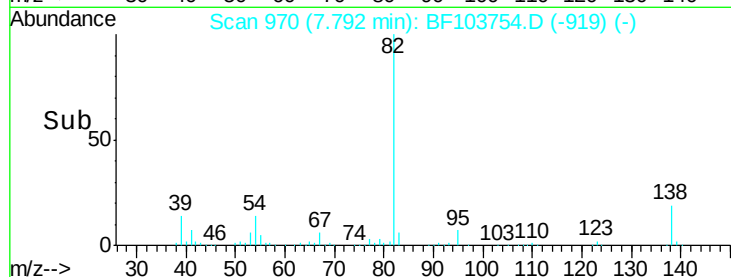
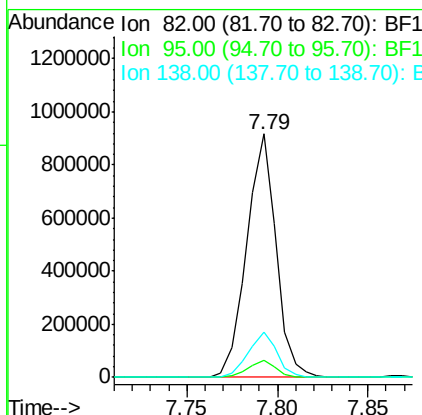
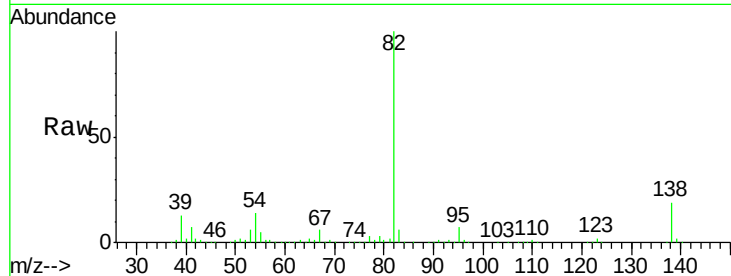
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	82	Resp:	1031107
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	18.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 63.886 ng

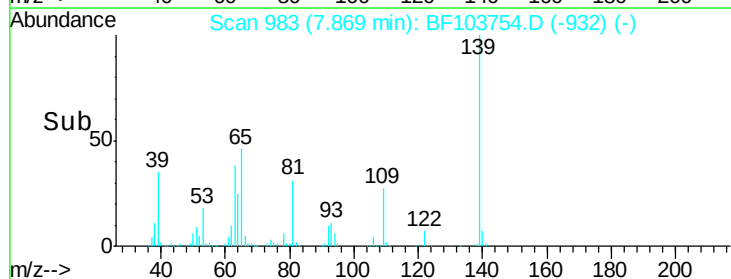
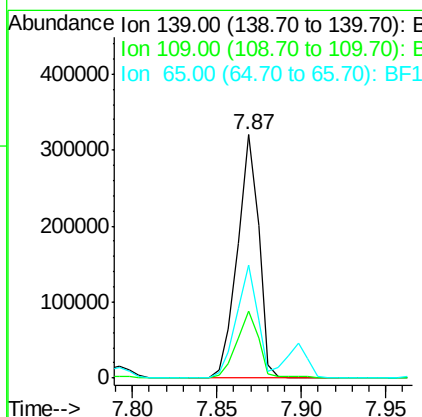
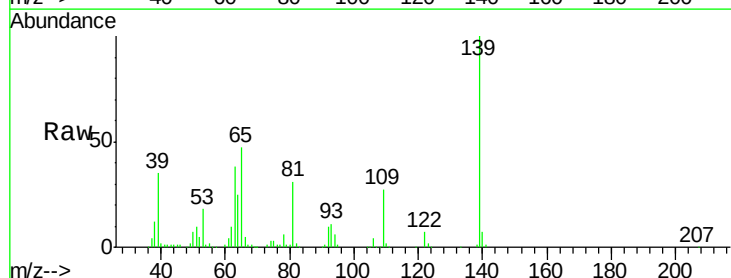
RT: 7.87 min Scan# 983

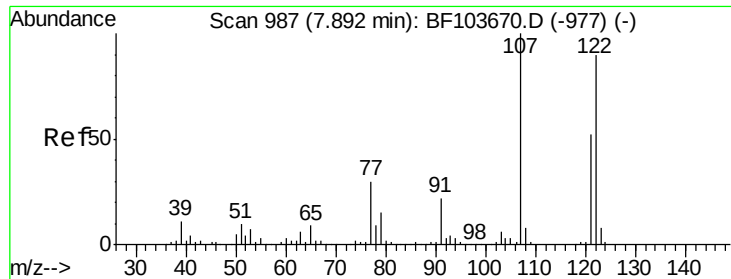
Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	139	Resp:	281355
Ion	Ratio	Lower	Upper
139	100		
109	27.5	22.7	34.1
65	46.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 53.374 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

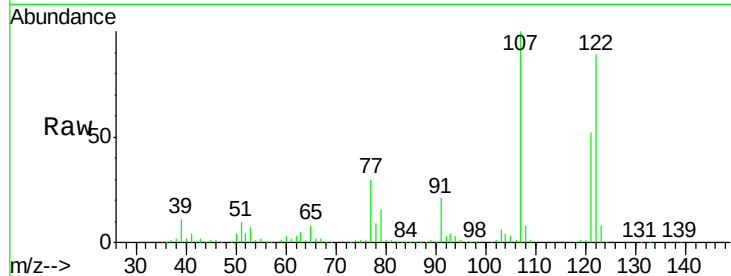
ClientSampleId :

HR-05-031518-AMSD

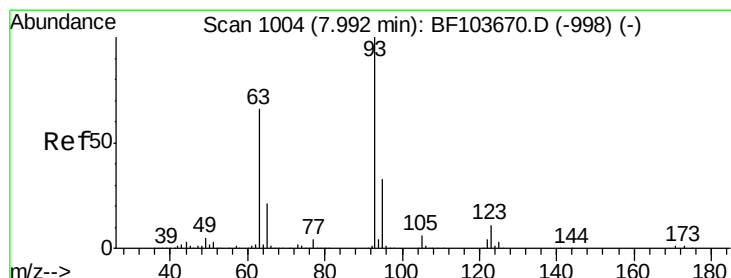
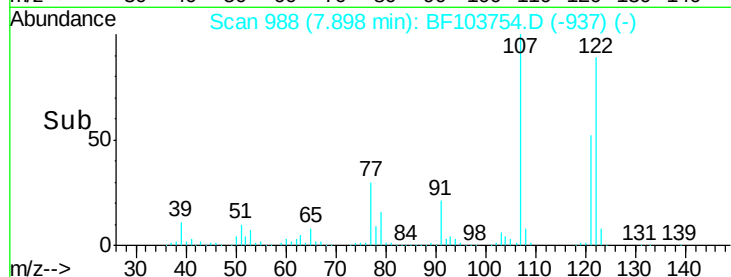
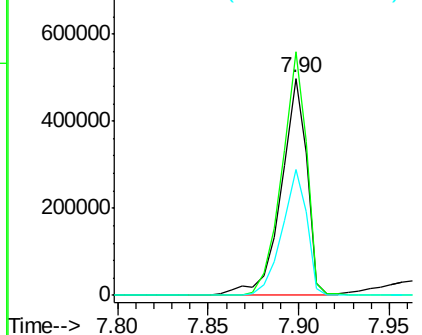
Tot Ion:	122	Resp:	491926
Ion Ratio	Lower	Upper	
122	100		
107	112.2	91.2	136.8
121	58.2	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.148 ng

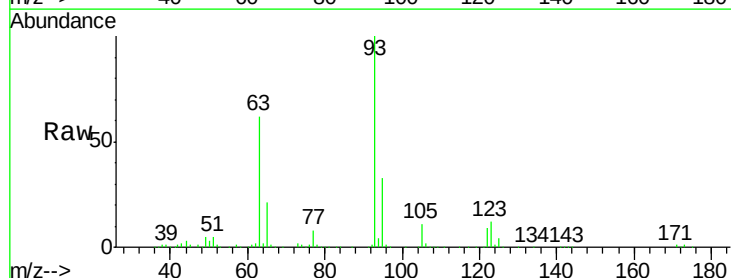
RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

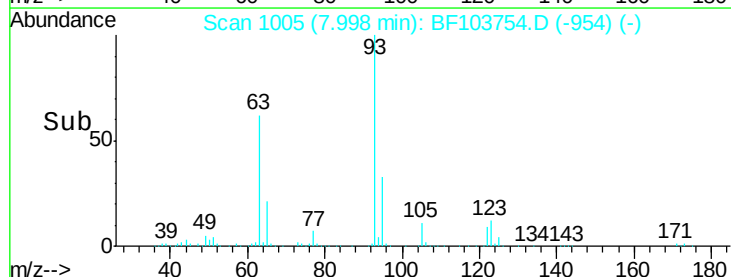
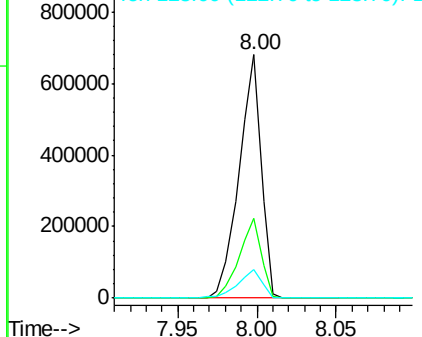
Lab File: BF103754.D

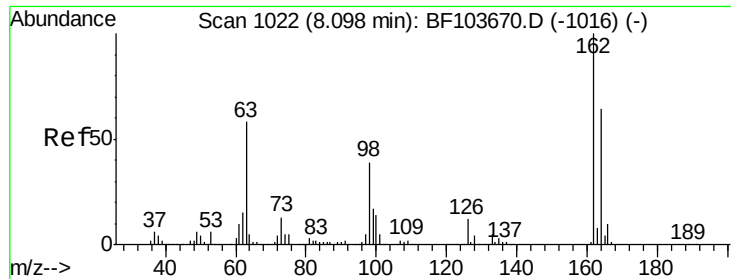
Acq: 19 Mar 2018 13:57

Tgt Ion:	93	Resp:	653295
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





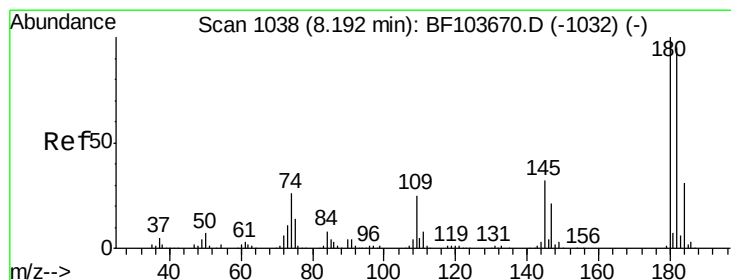
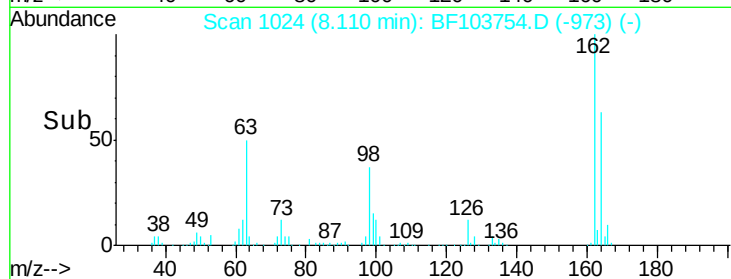
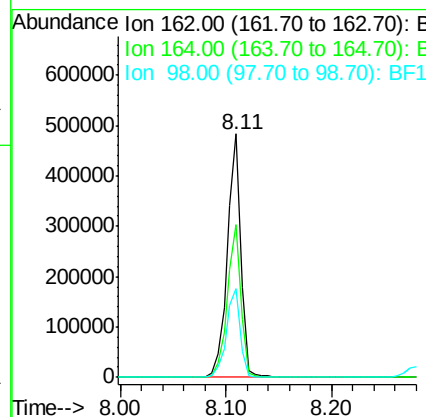
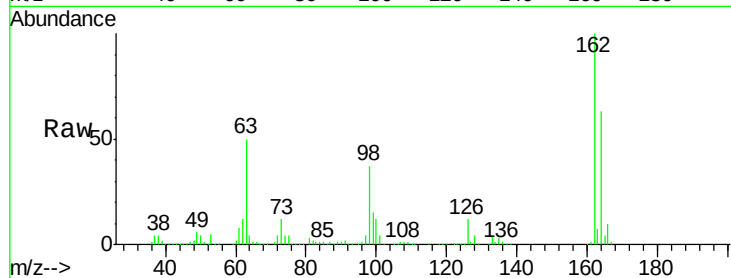
#29
2,4-Dichlorophenol
Concen: 51.749 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	433920		
164	62.6		42.7	82.7
98	36.6		18.1	58.1

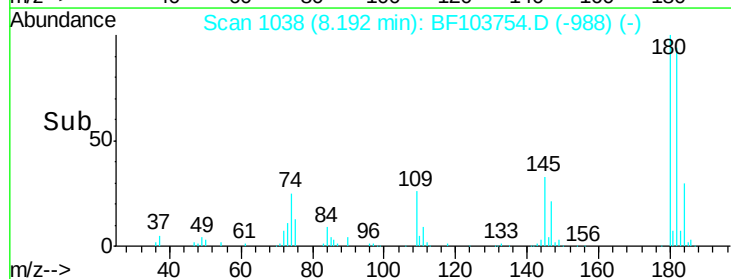
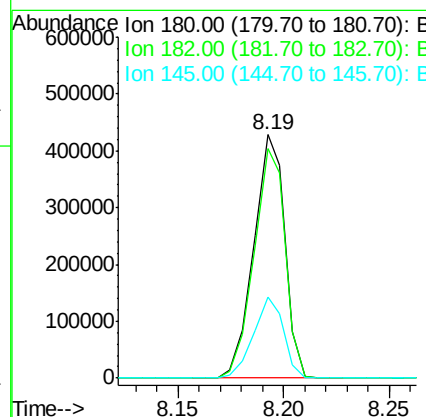
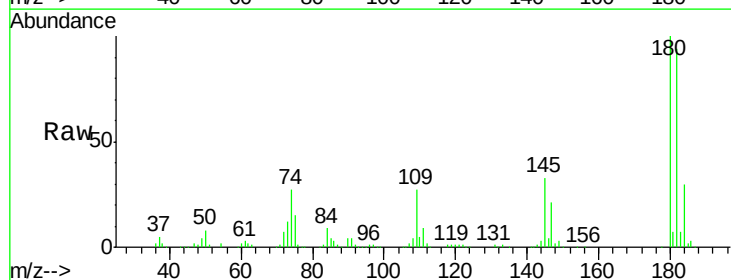
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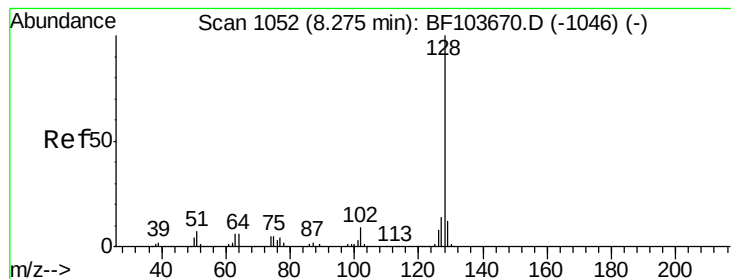
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#30
1,2,4-Trichlorobenzene
Concen: 44.976 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	437408		
182	94.3		76.8	115.2
145	33.3		26.5	39.7





#31

Naphthalene

Concen: 46.698 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMSD

Tot Ion:128 Resp: 1528795

Ion Ratio Lower Upper

128 100

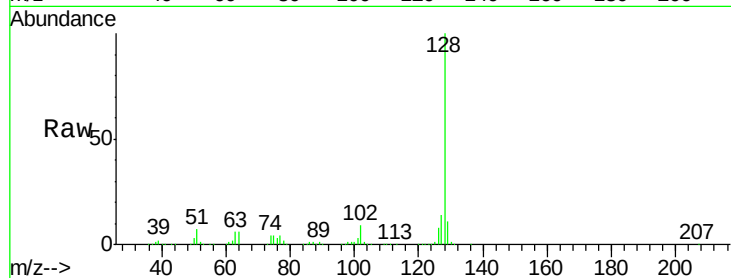
129 11.3 8.8 13.2

127 13.7 10.9 16.3

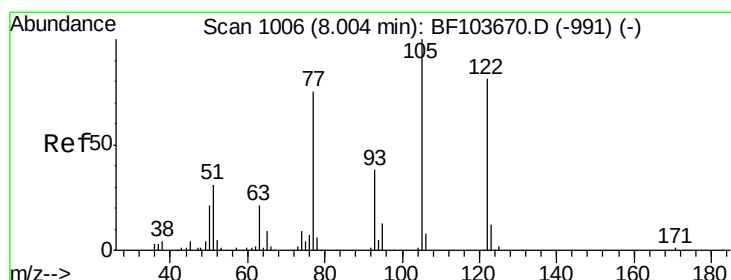
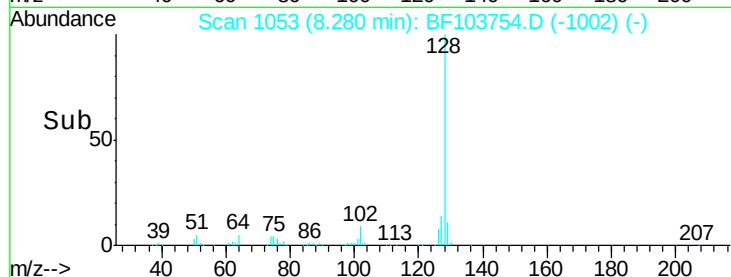
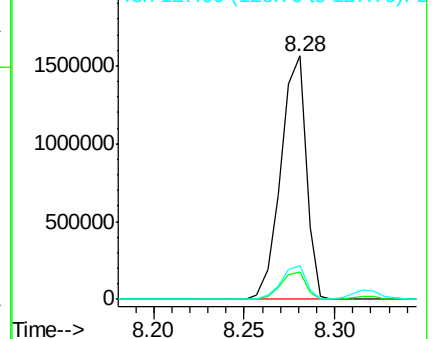
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.284 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

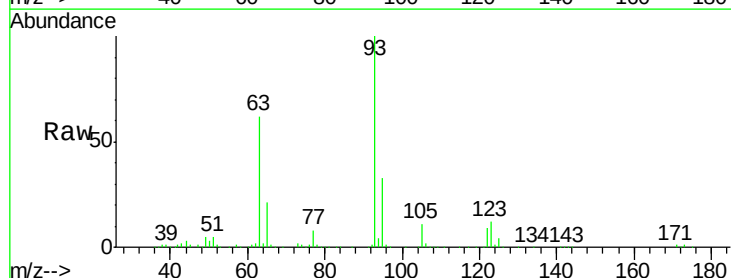
Tgt Ion:122 Resp: 175180

Ion Ratio Lower Upper

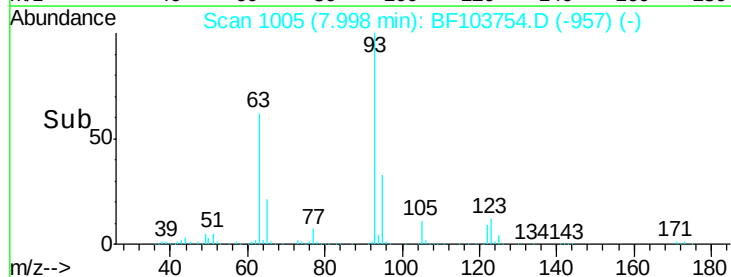
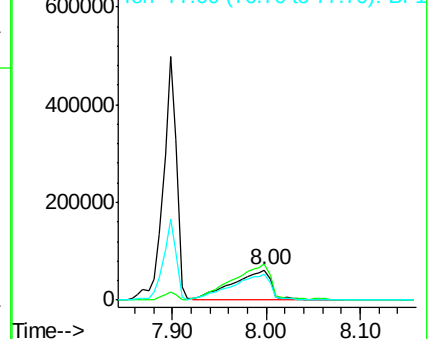
122 100

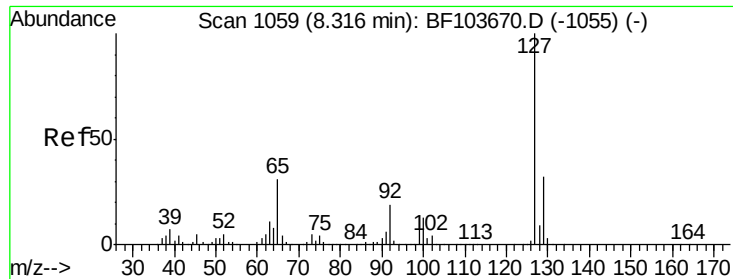
105 119.7 101.1 141.1

77 87.3 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





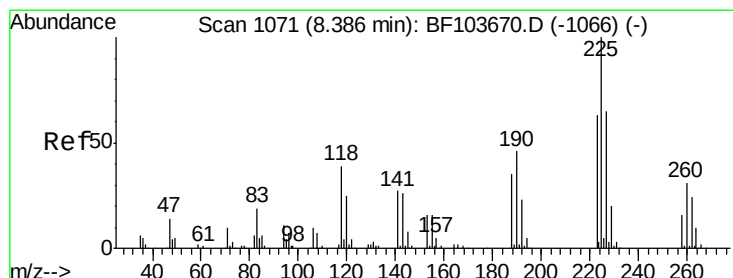
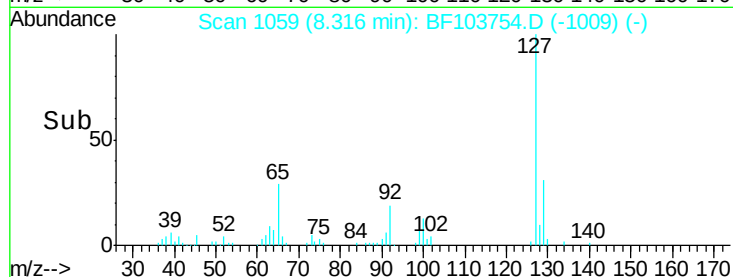
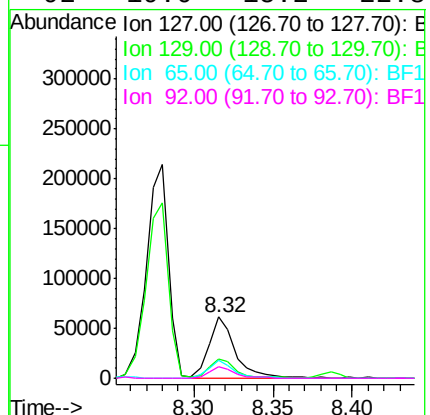
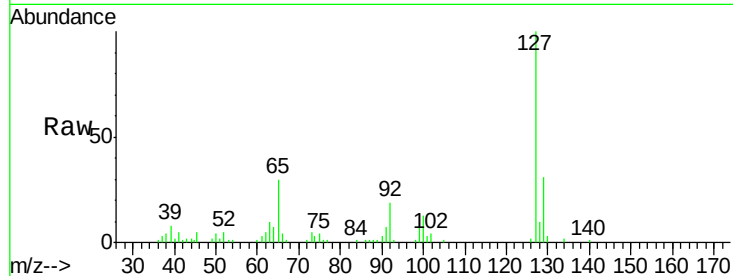
#33
4-Chloroaniline
Concen: 5.103 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		70091		
129	31.0		25.9	38.9	
65	30.1		25.0	37.4	
92	19.0		15.2	22.8	

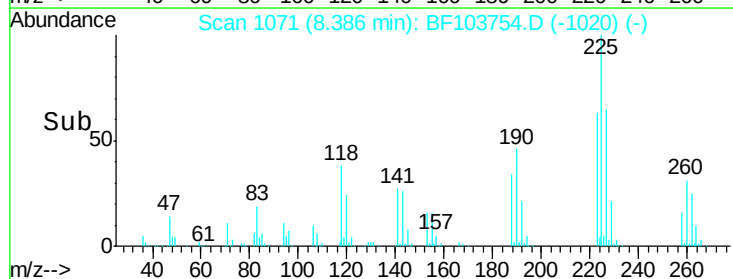
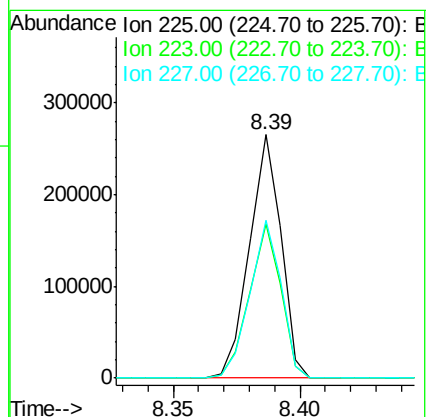
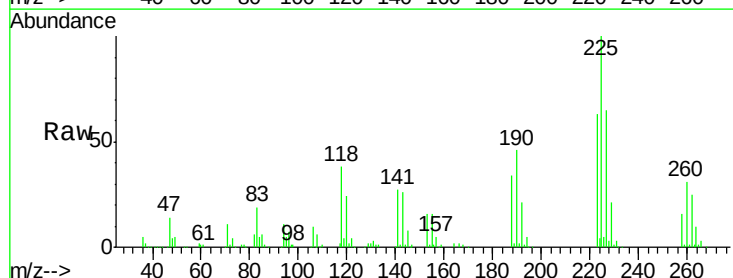
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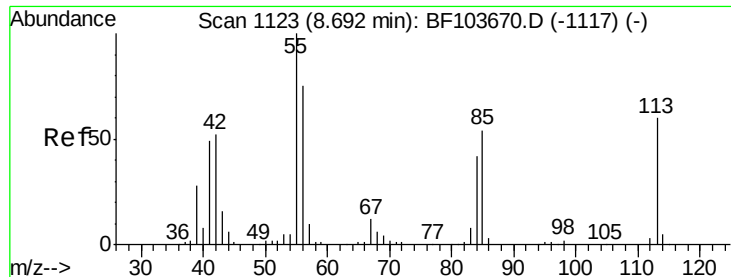
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#34
Hexachlorobutadiene
Concen: 43.217 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		230440		
223	63.2		50.6	76.0	
227	64.8		51.9	77.9	





#35

Caprolactam

Concen: 40.597 ng/mL

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

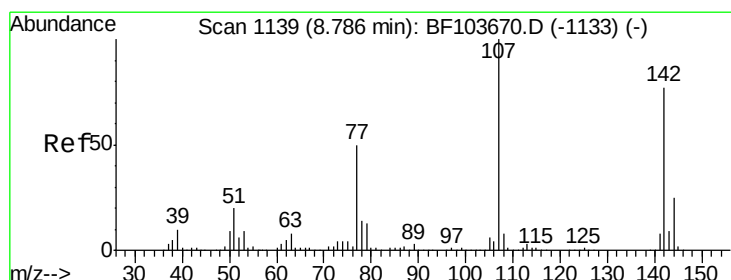
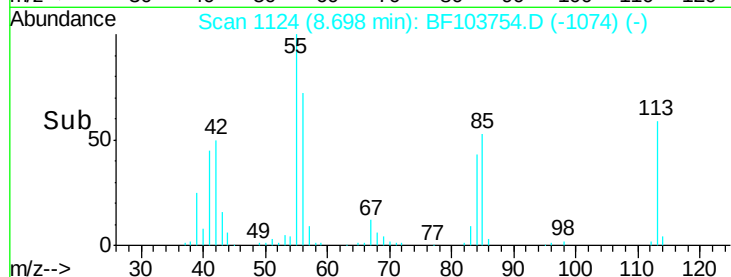
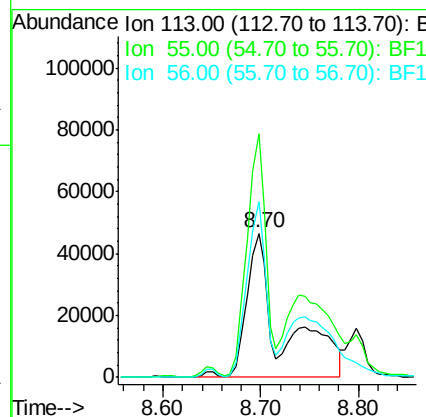
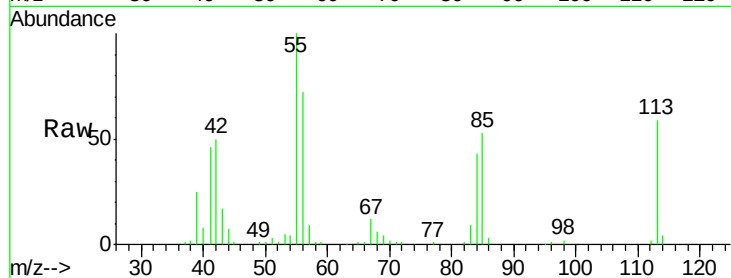
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	113	Resp:	117216
Ion Ratio	Lower	Upper	
113	100		
55	169.2	163.3	203.3
56	122.0	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 51.455 ng/mL

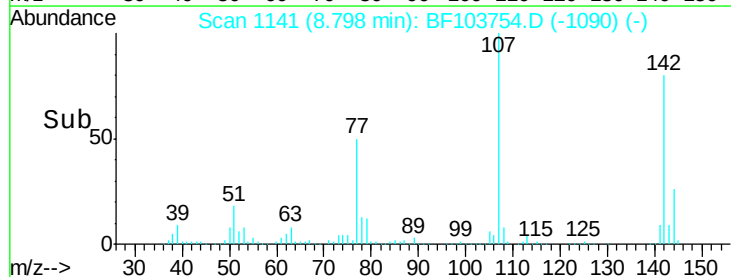
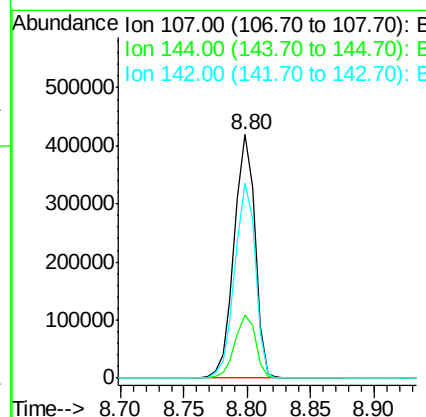
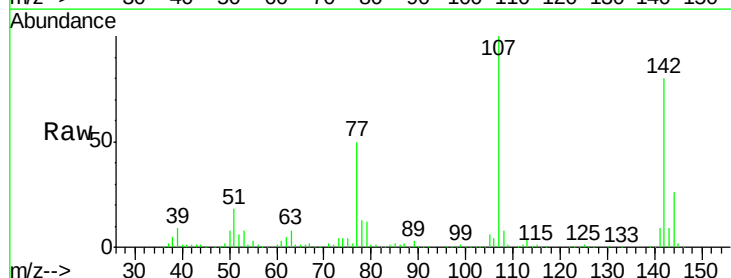
RT: 8.80 min Scan# 1141

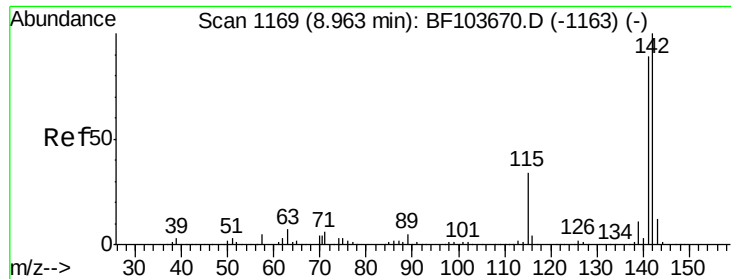
Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	107	Resp:	475639
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.5	30.7
142	80.0	62.0	93.0





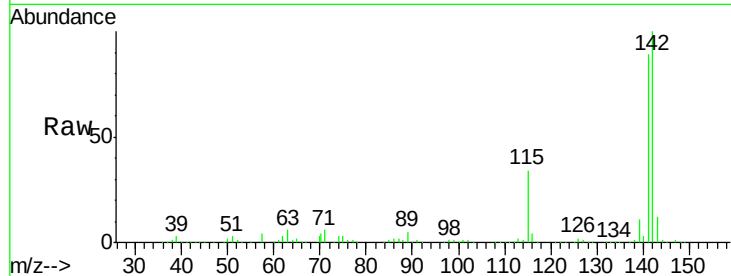
#37
2-Methylnaphthalene
Concen: 47.888 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

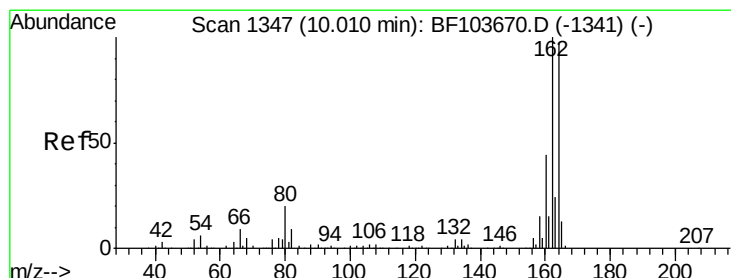
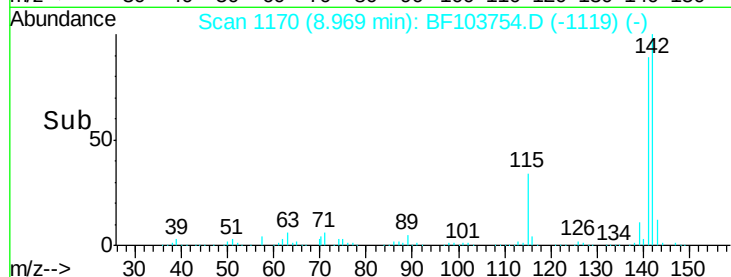
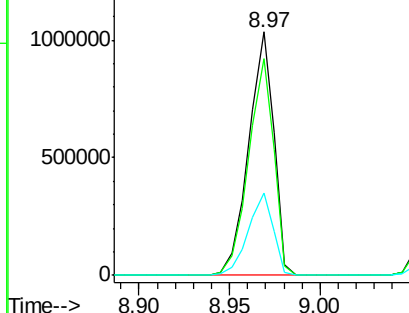
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.9	26.1	39.1

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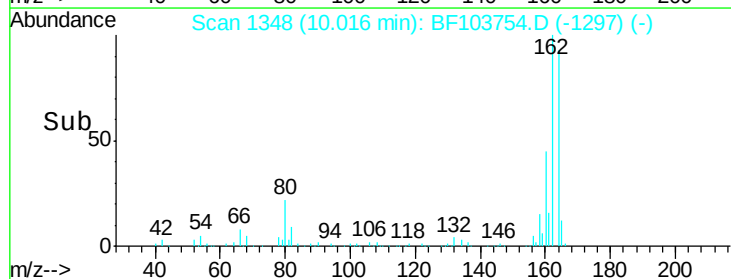
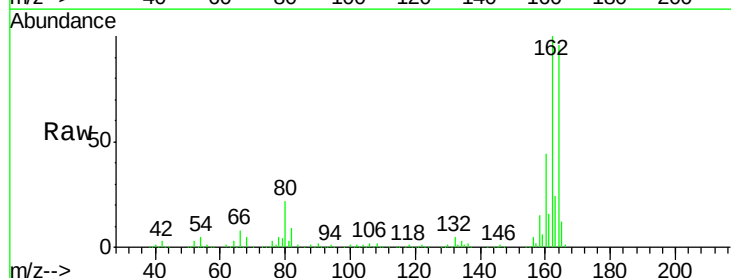
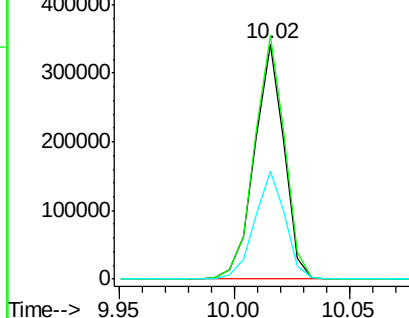
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

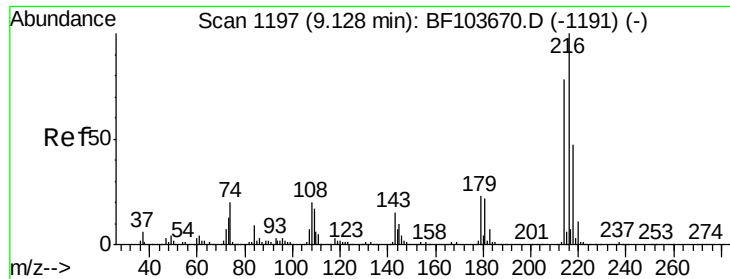


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.0	38.3	57.5

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





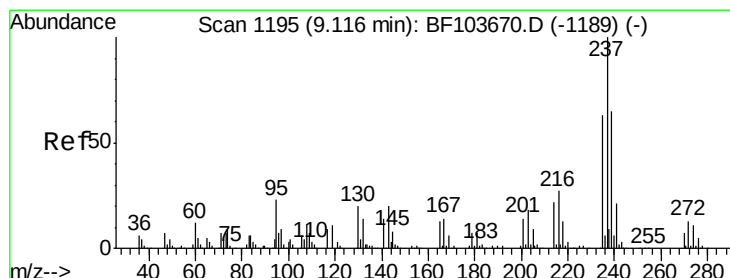
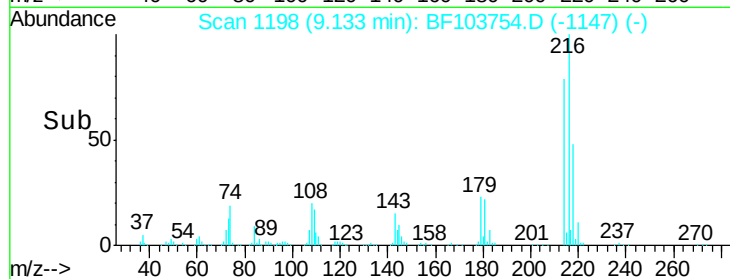
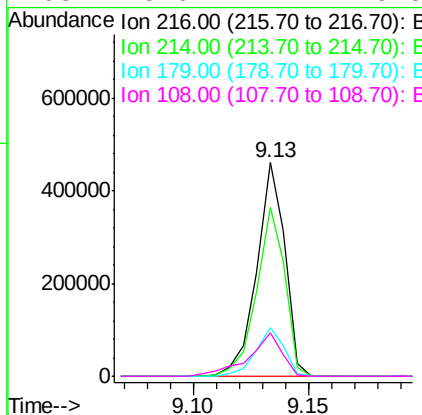
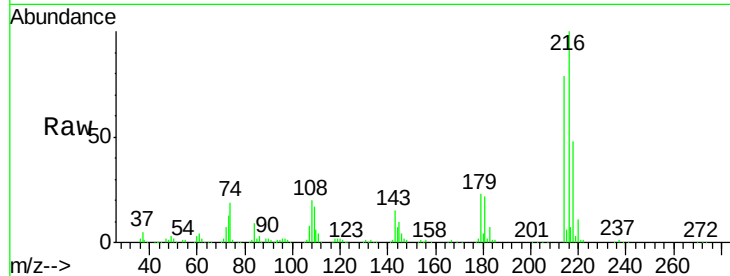
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.030 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		393113		
214	79.6		63.0	94.4	
179	22.7		18.1	27.1	
108	23.6		17.2	25.8	

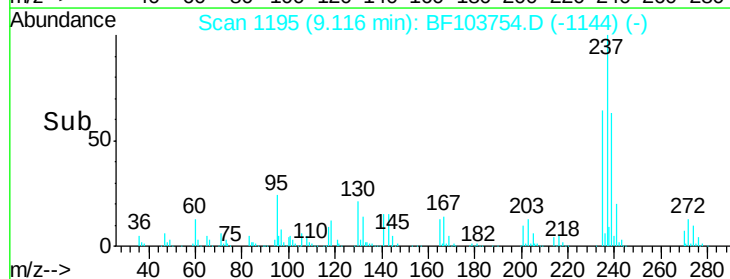
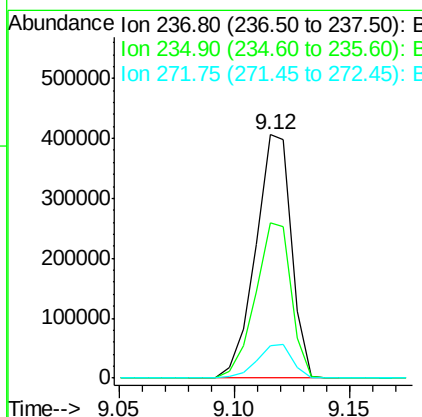
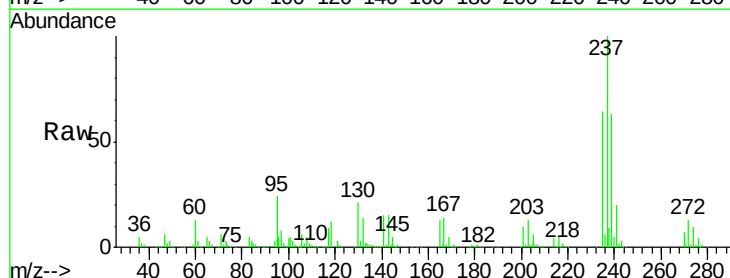
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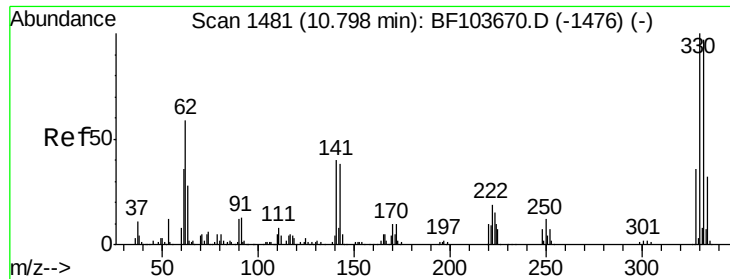
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#40
 Hexachlorocyclopentadiene
 Concen: 97.360 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		438583		
235	63.7		44.8	84.8	
272	13.1		0.0	33.3	





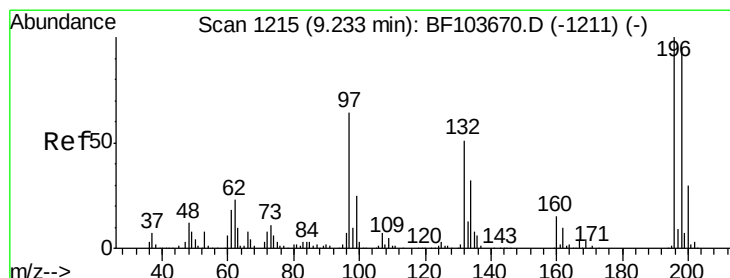
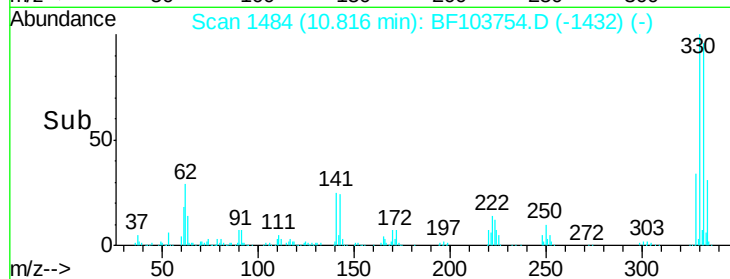
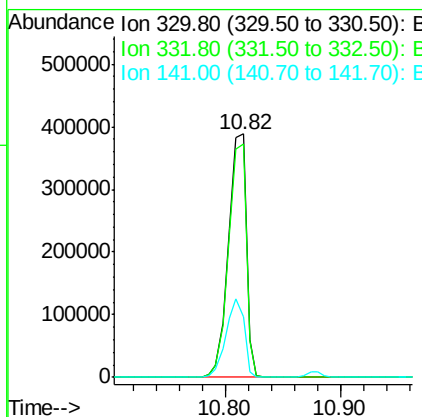
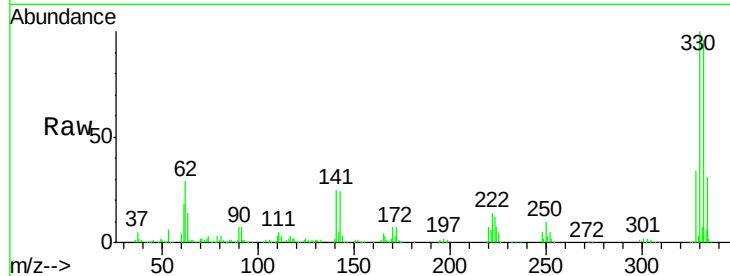
#41
 2,4,6-Tribromophenol
 Concen: 159.587 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	32.7	29.9	44.9	

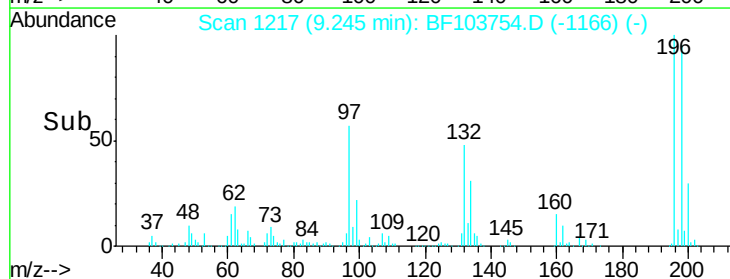
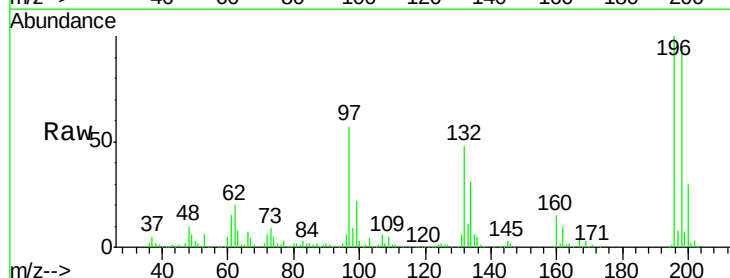
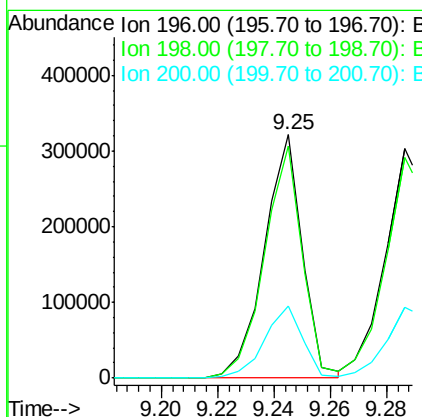
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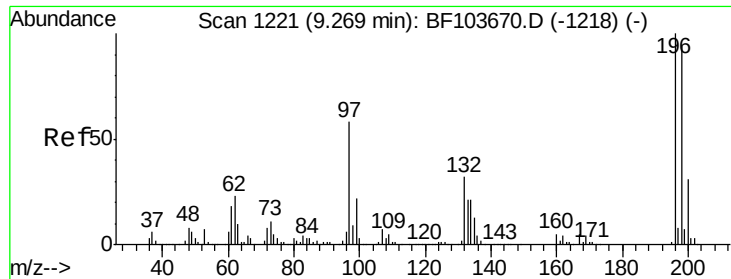
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#42
 2,4,6-Trichlorophenol
 Concen: 53.542 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	75.7	113.5	
200	29.8	24.5	36.7	





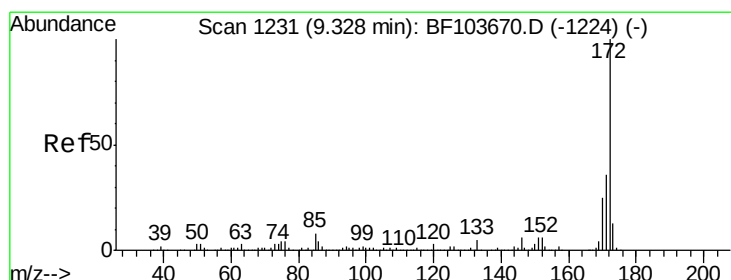
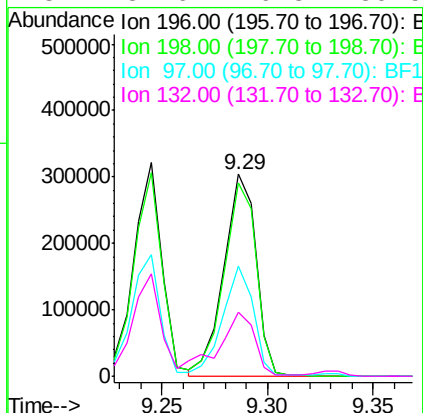
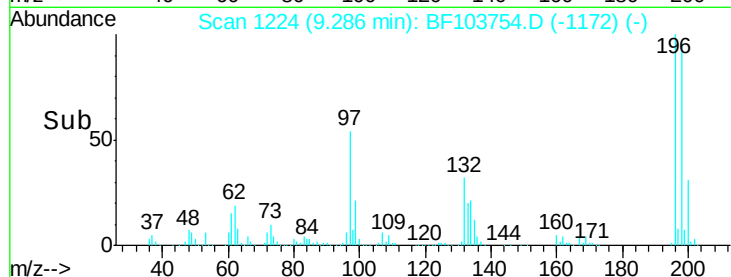
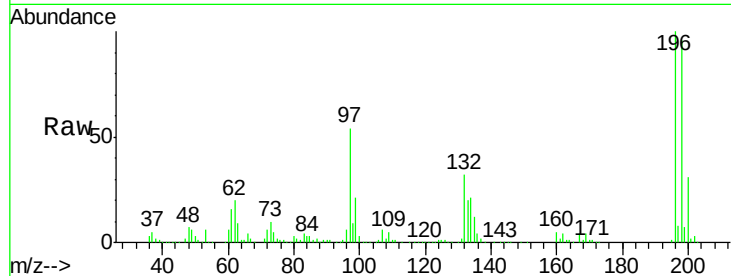
#43
 2,4,5-Trichlorophenol
 Concen: 50.621 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		319041		
198	95.7		74.6	112.0	
97	54.3		42.9	64.3	
132	31.6		26.3	39.5	

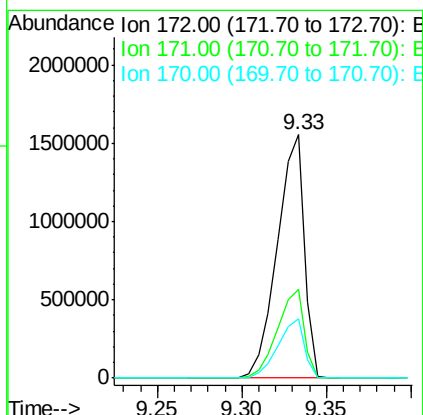
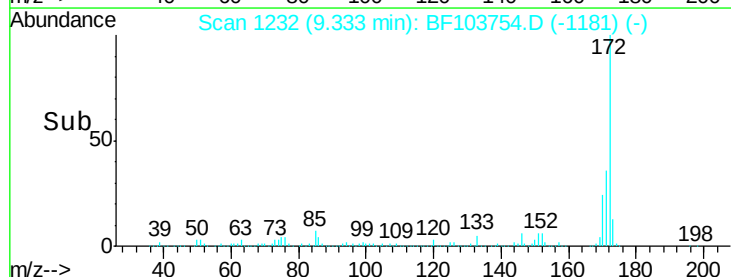
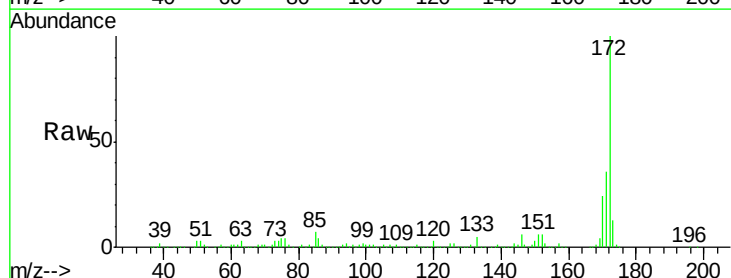
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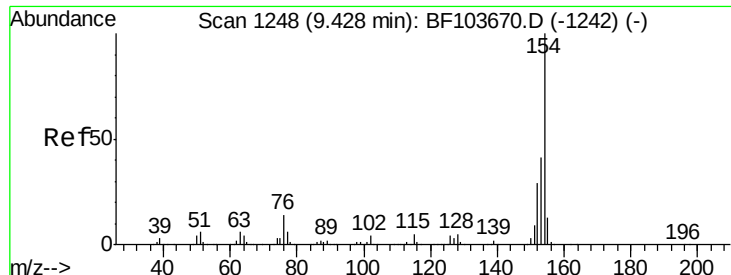
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#44
 2-Fluorobiphenyl
 Concen: 90.342 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1733090		
171	36.4		29.7	44.5	
170	24.4		19.6	29.4	





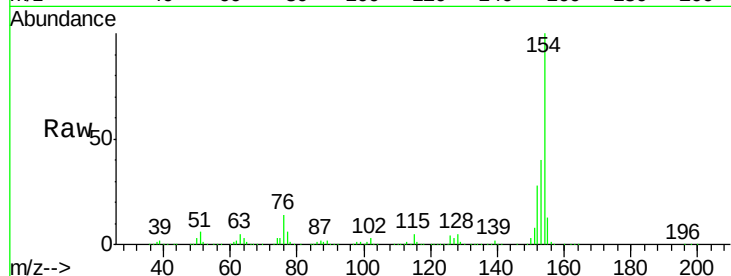
#45
1,1'-Biphenyl
Concen: 44.547 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

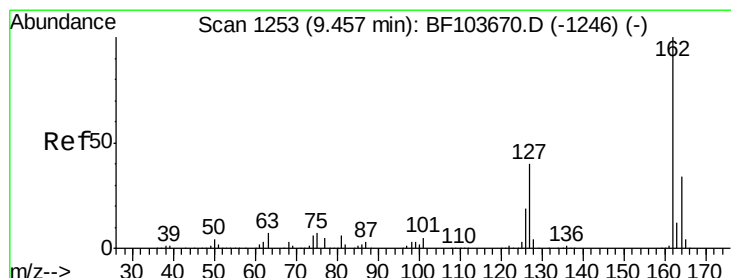
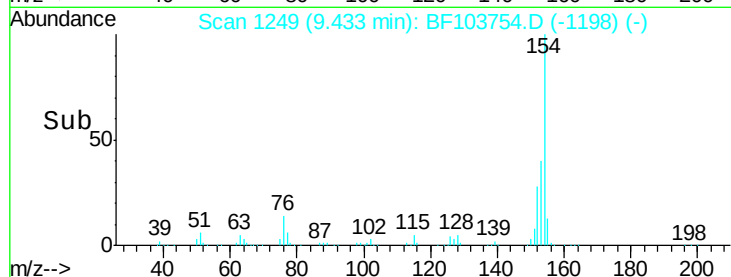
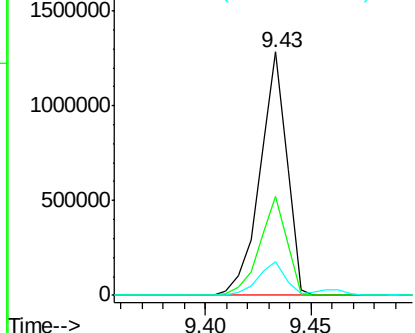
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	14.0	0.0	34.0

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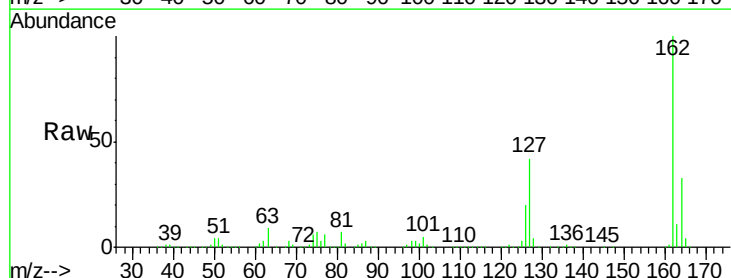


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

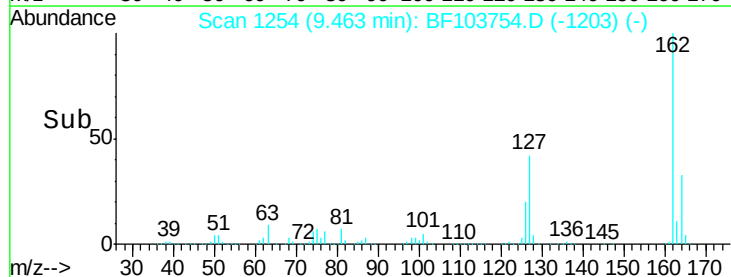
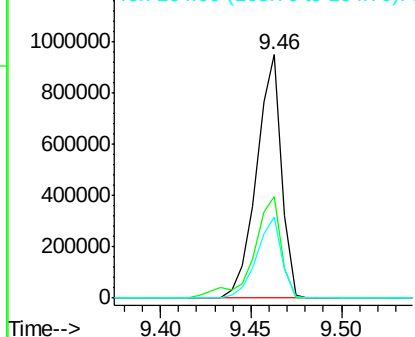


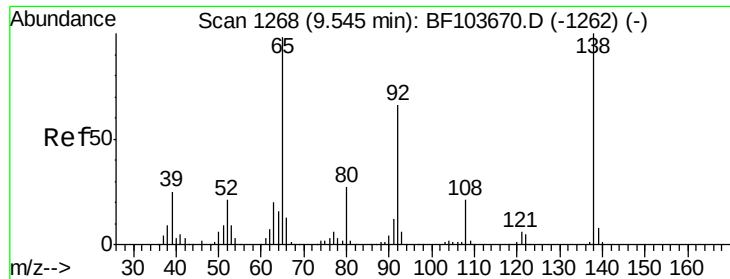
#46
2-Chloronaphthalene
Concen: 44.718 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	33.5	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: 54.900 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

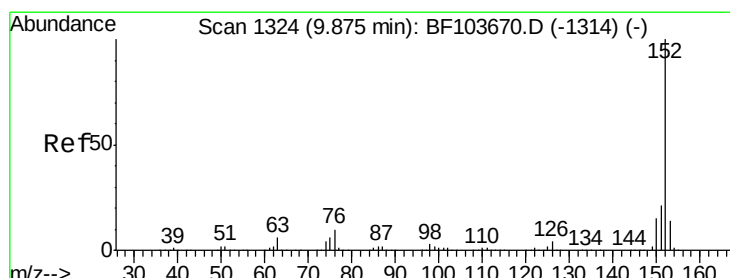
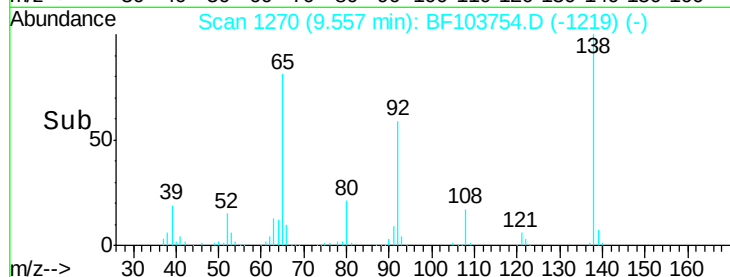
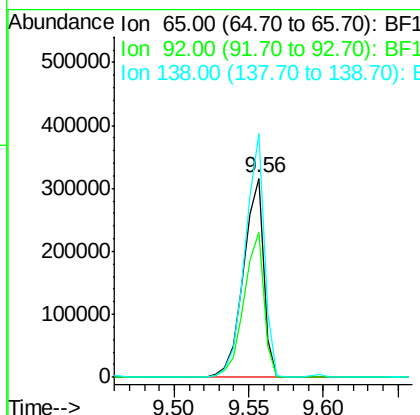
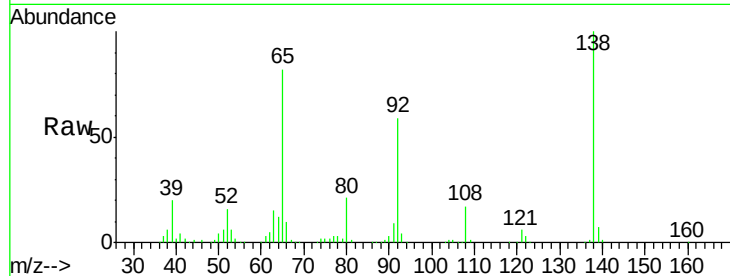
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	65	Resp:	297125
Ion Ratio	Lower	Upper	
65	100		
92	72.6	55.8	83.6
138	122.2	91.2	136.8

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#48

Acenaphthylene

Concen: 43.975 ng

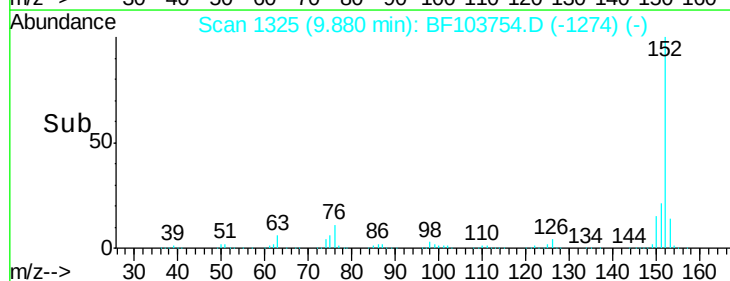
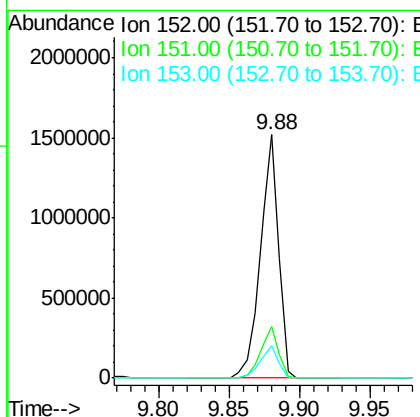
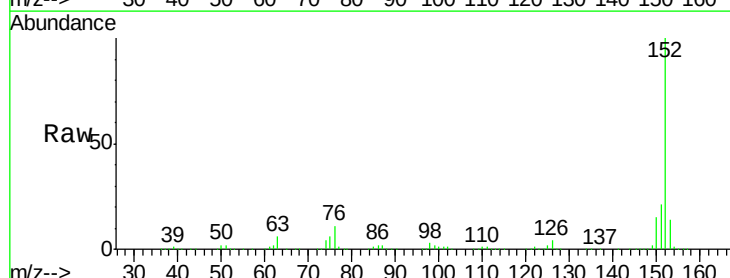
RT: 9.88 min Scan# 1325

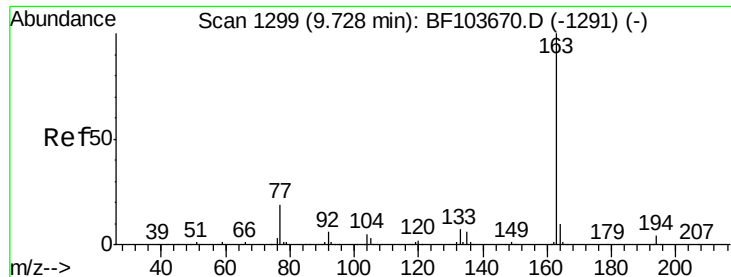
Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	152	Resp:	1382034
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1





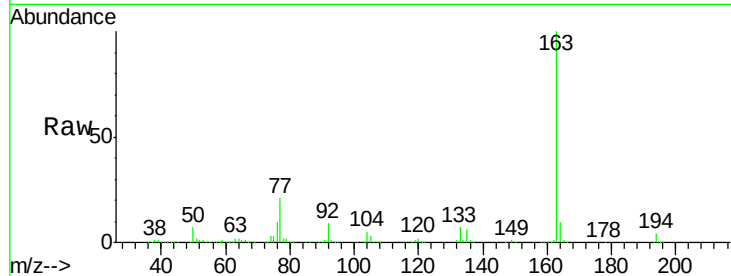
#49
Dimethylphthalate
Concen: 47.792 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

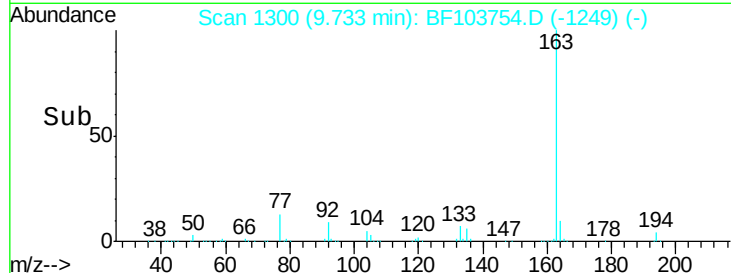
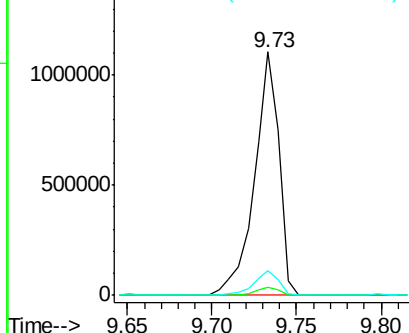
Tot Ion:163 Resp: 1115796
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

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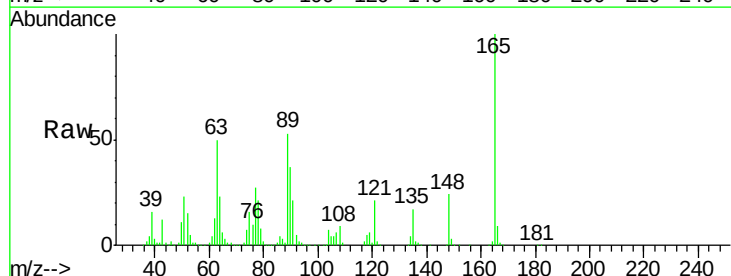
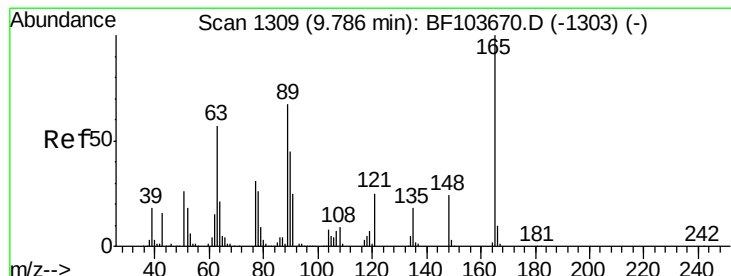
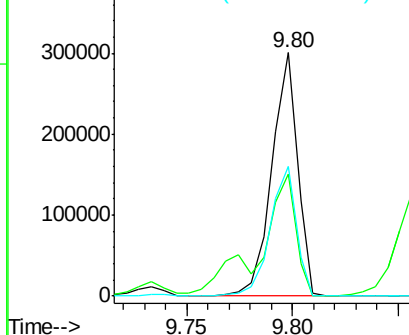
Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

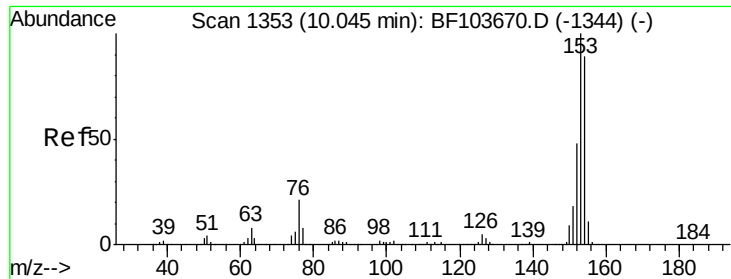


#50
2,6-Dinitrotoluene
Concen: 55.694 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:165 Resp: 254680
Ion Ratio Lower Upper
165 100
63 50.2 44.7 67.1
89 53.1 44.0 66.0

Abundance Ion 165.00 (164.70 to 165.70): E
400000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 49.256 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

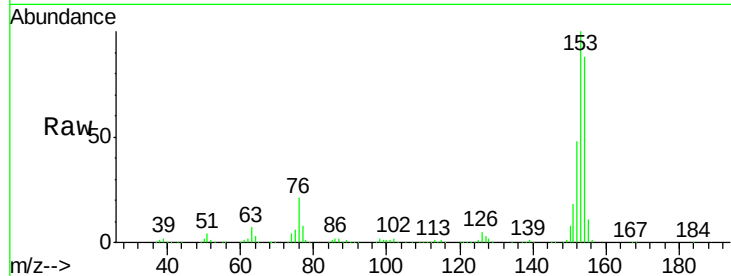
ClientSampleId :

HR-05-031518-AMSD

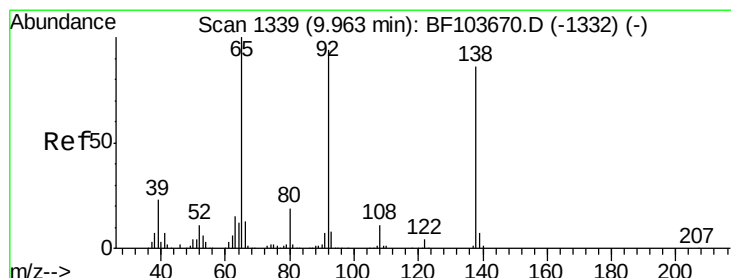
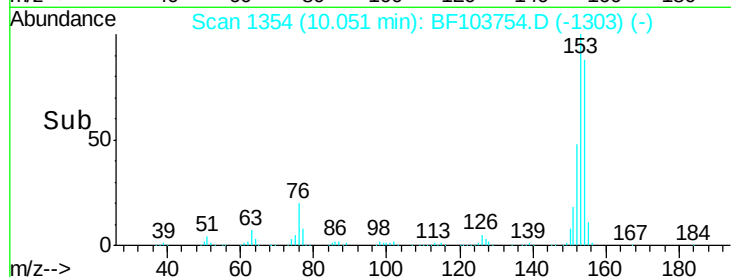
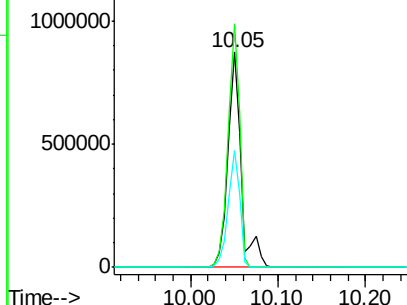
Tot Ion:	154	Resp:	919156
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	54.1	43.8	65.8

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



#52

3-Nitroaniline

Concen: 25.268 ng

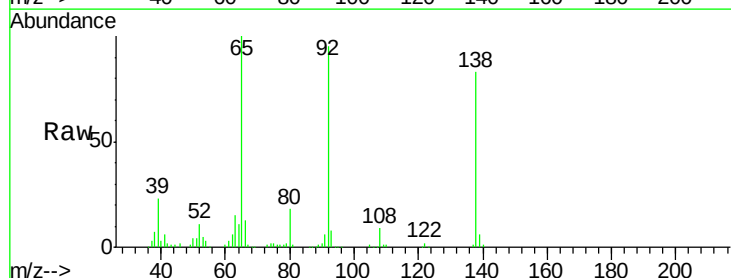
RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

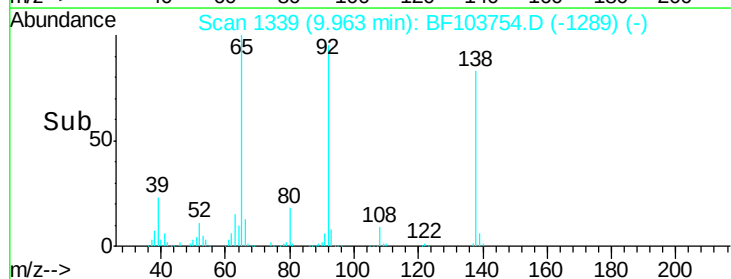
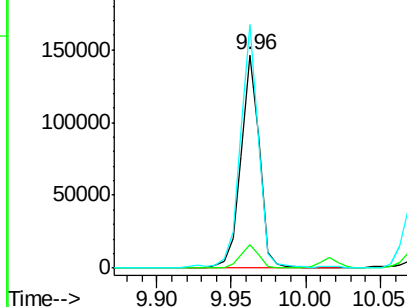
Lab File: BF103754.D

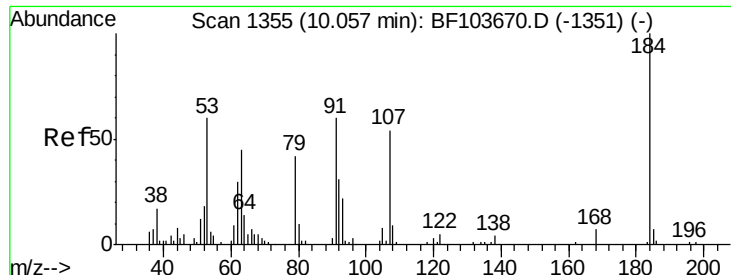
Acq: 19 Mar 2018 13:57

Tgt Ion:	138	Resp:	126147
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	114.2	89.4	134.2



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





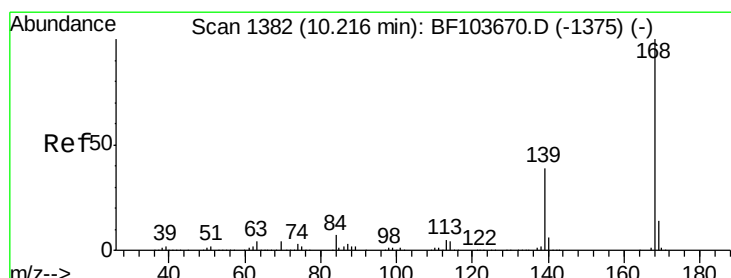
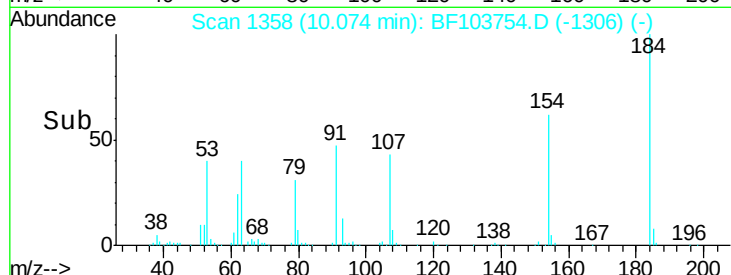
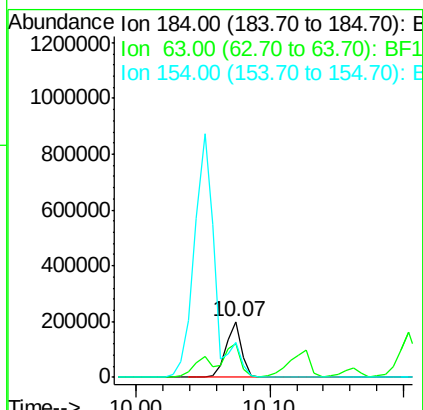
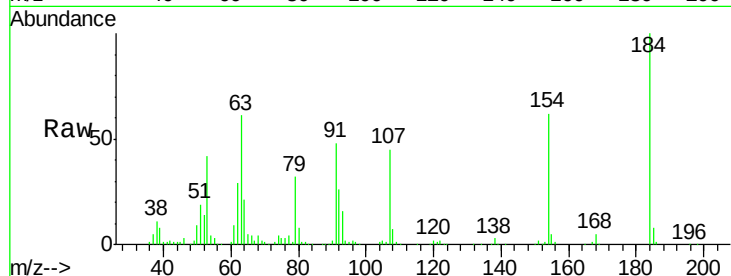
#53
2,4-Dinitrophenol
Concen: 100.084 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.4	54.2	81.2
154	62.4	184.0	276.0#

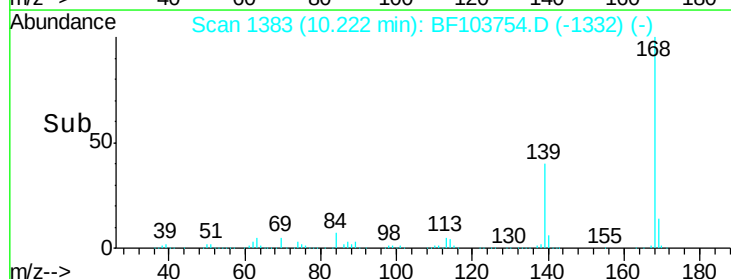
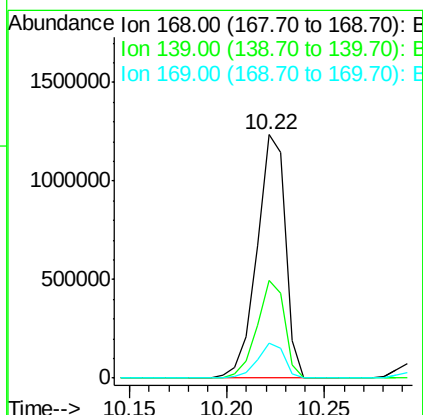
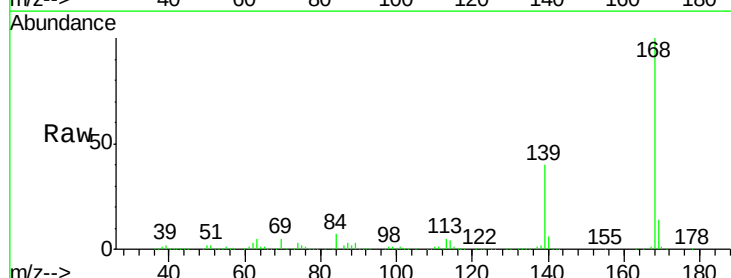
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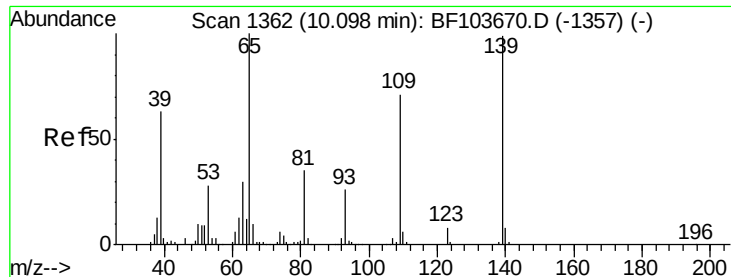
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#54
Dibenzofuran
Concen: 46.765 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	14.2	10.9	16.3





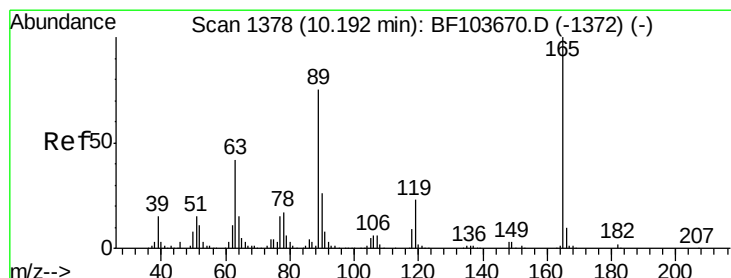
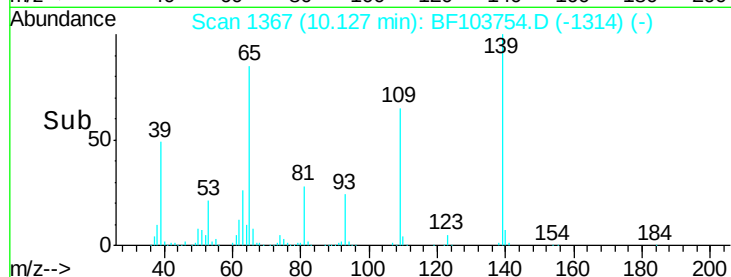
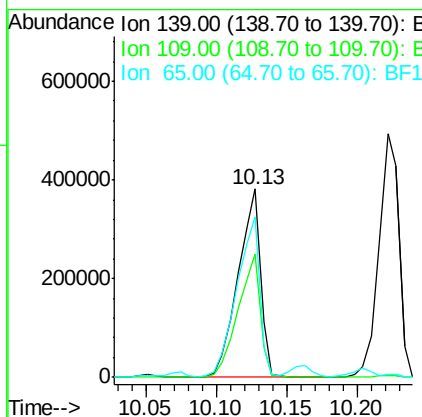
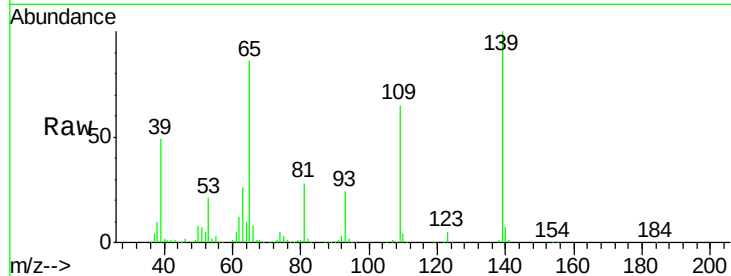
#55
4-Nitrophenol
Concen: 97.801 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.5	48.4	88.4
65	85.5	72.6	112.6

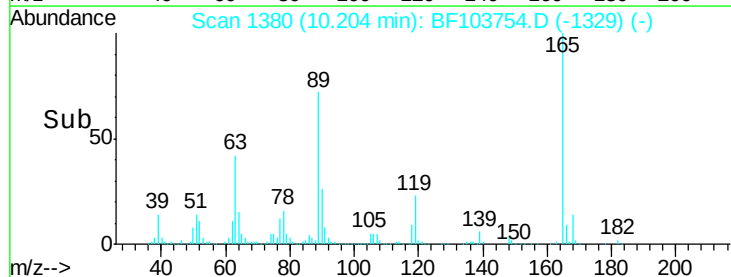
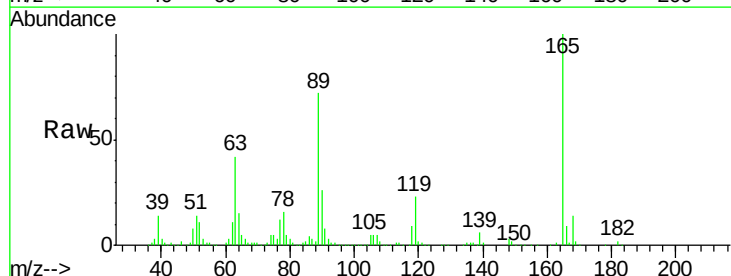
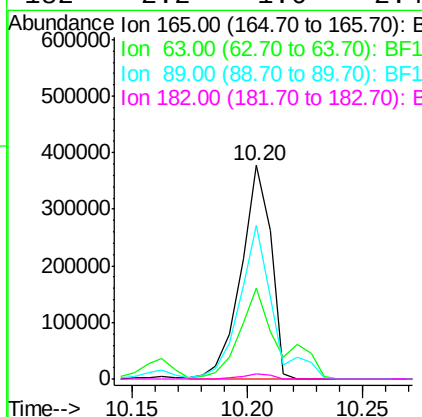
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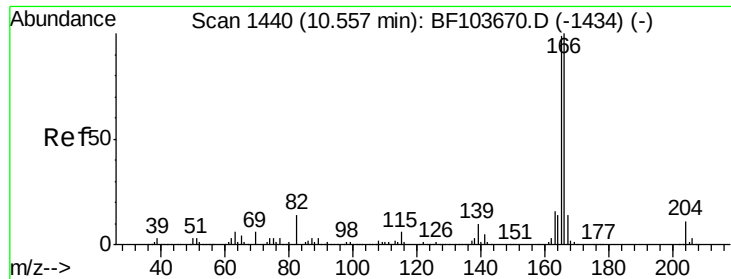
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#56
2,4-Dinitrotoluene
Concen: 58.322 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	36.4	54.6
89	71.7	57.8	86.6
182	2.2	1.6	2.4





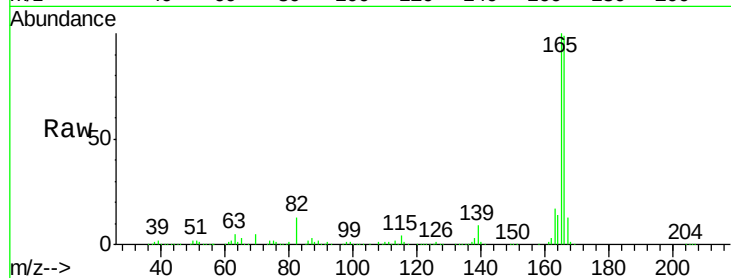
#57
Fluorene
Concen: 45.860 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

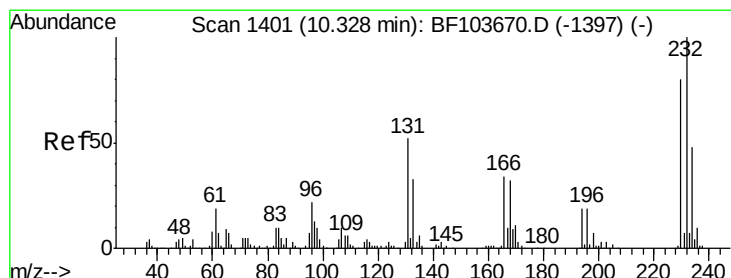
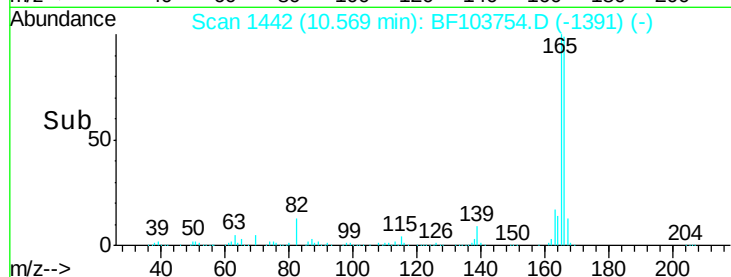
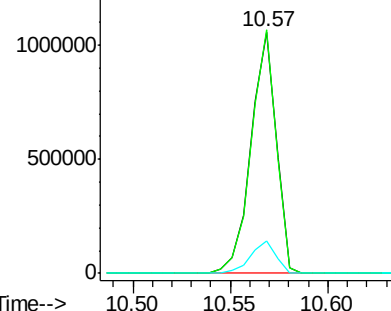
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.5	10.6	16.0

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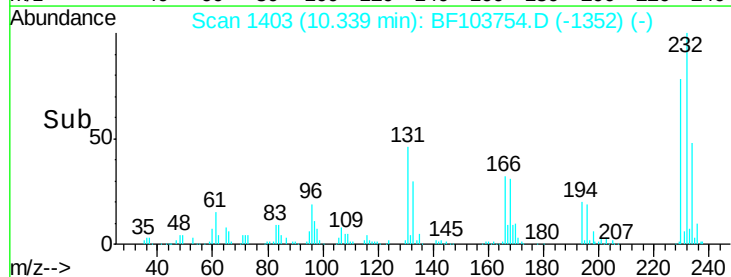
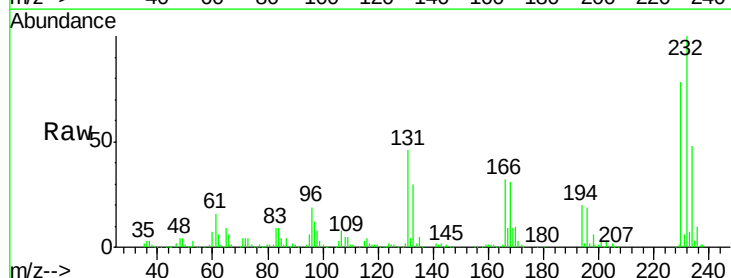
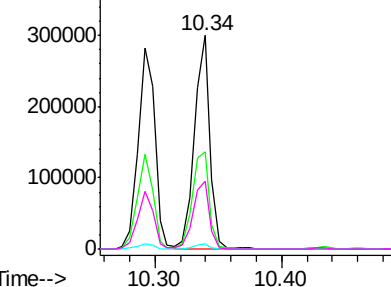
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

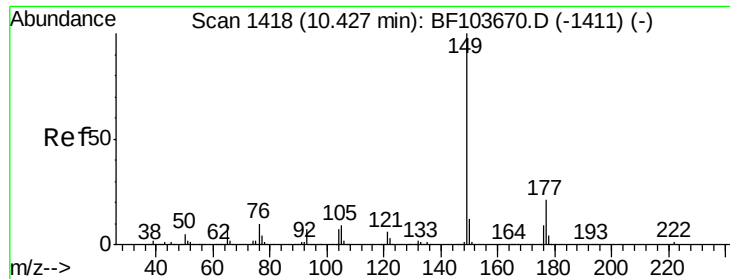


#58
2,3,4,6-Tetrachlorophenol
Concen: 57.320 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.5	43.8	65.8
130	2.5	2.1	3.1
166	33.1	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





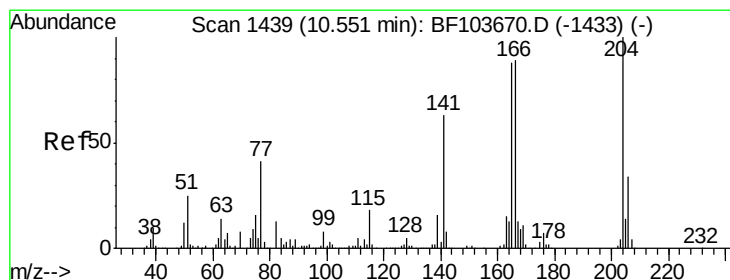
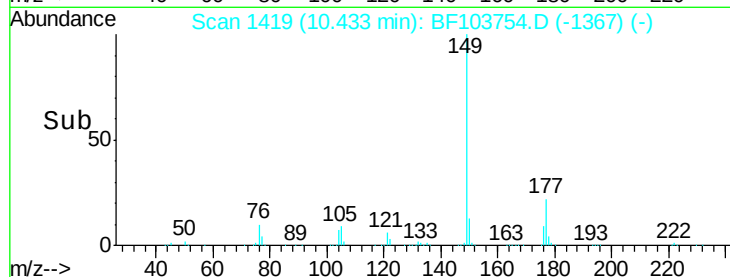
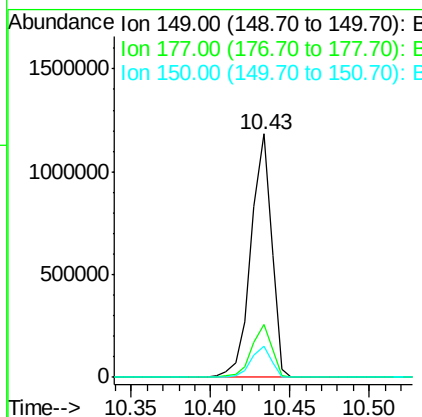
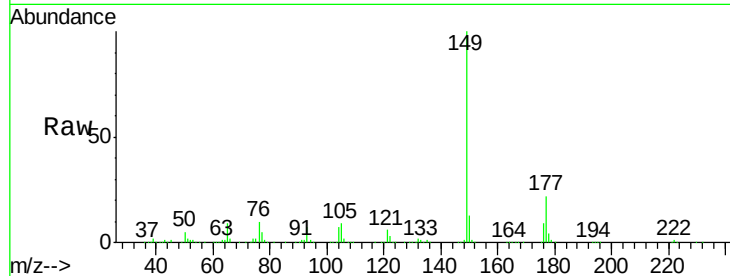
#59
Diethylphthalate
Concen: 46.150 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion:149 Resp: 1069395
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1

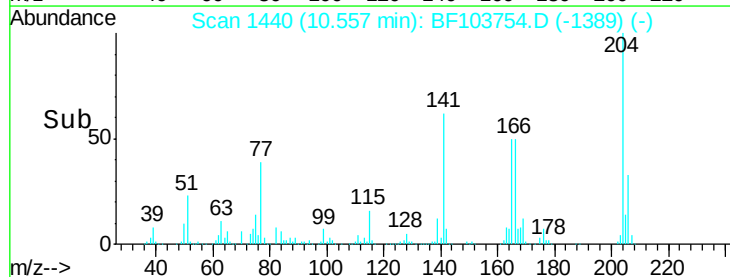
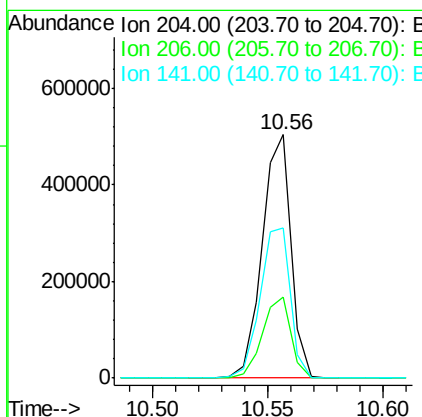
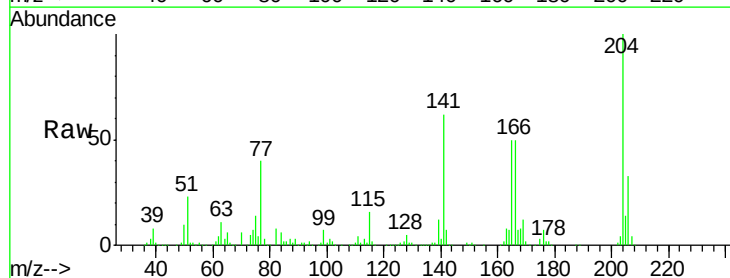
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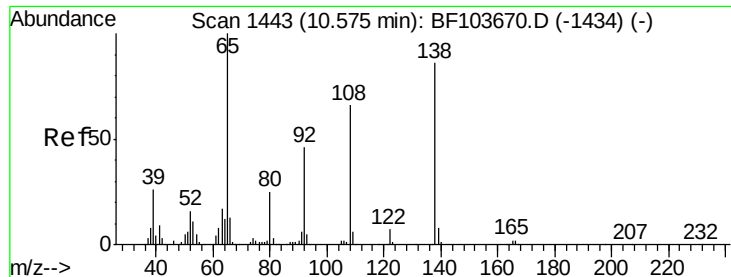
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 46.353 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:204 Resp: 438108
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 61.8 54.6 81.8





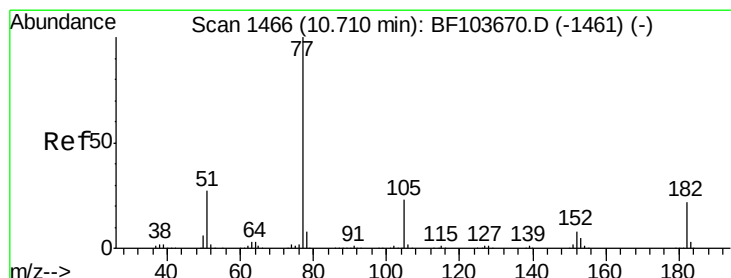
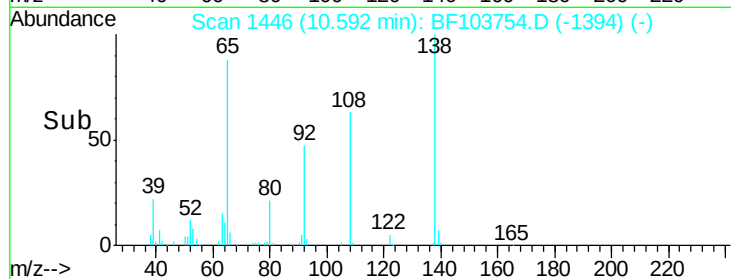
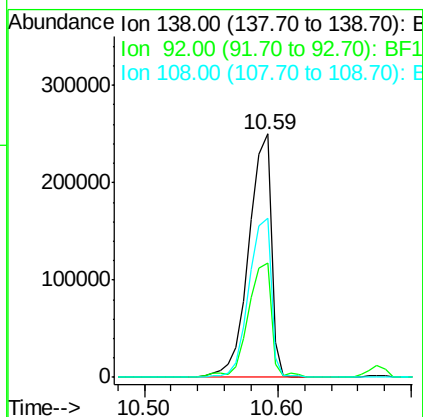
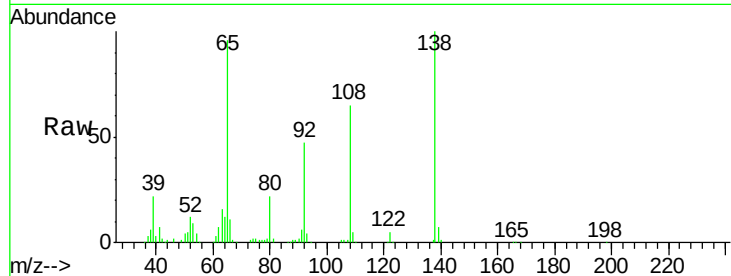
#61
4-Nitroaniline
Concen: 54.924 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.1	30.2	70.2
108	65.4	52.5	92.5

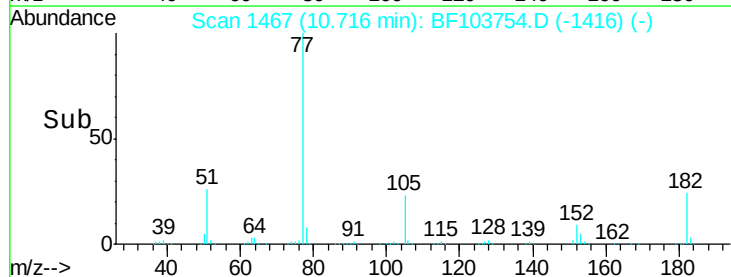
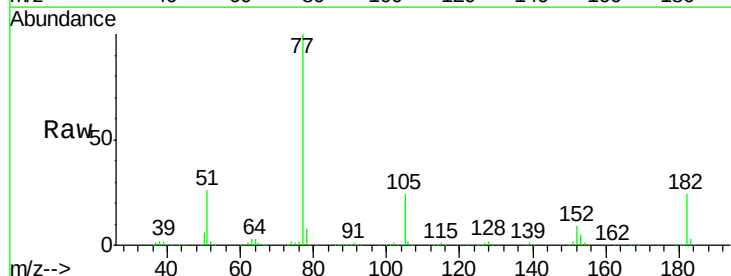
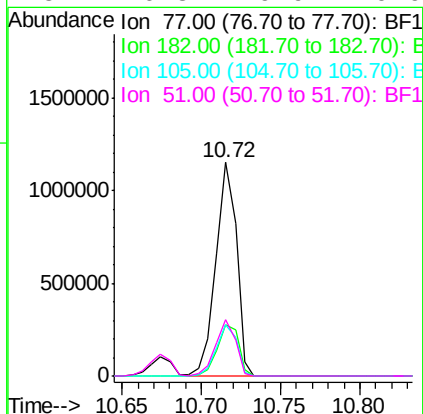
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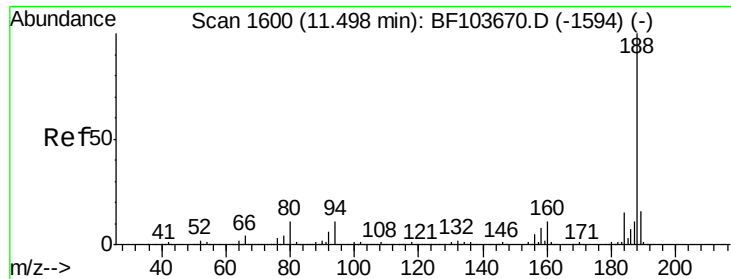
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#62
Azobenzene
Concen: 44.202 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.7	41.7
105	23.7	3.0	43.0
51	26.3	9.9	49.9





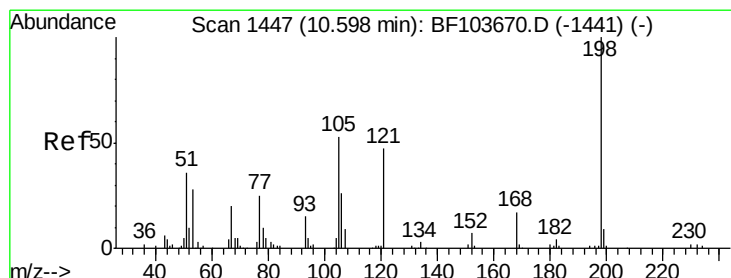
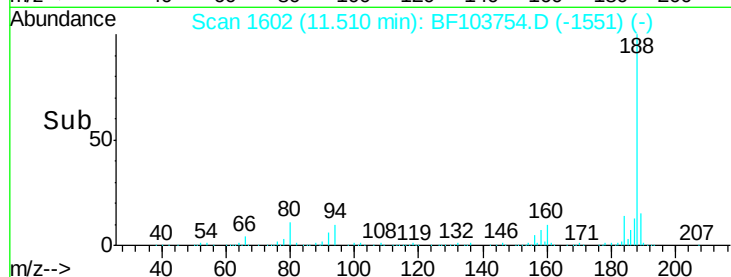
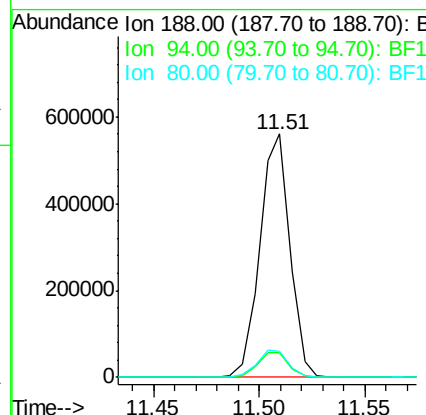
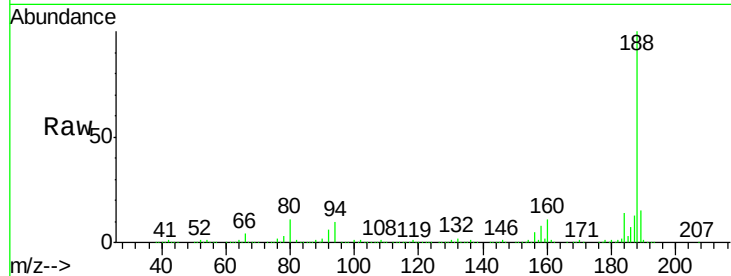
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.7	9.2	13.8

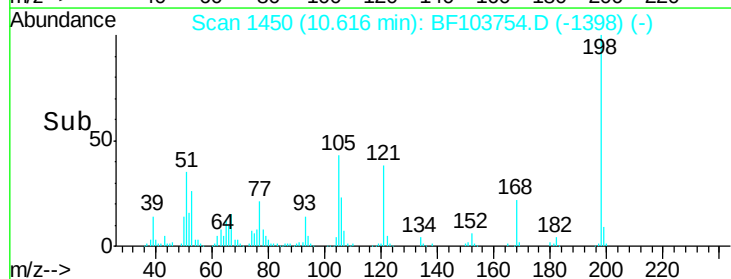
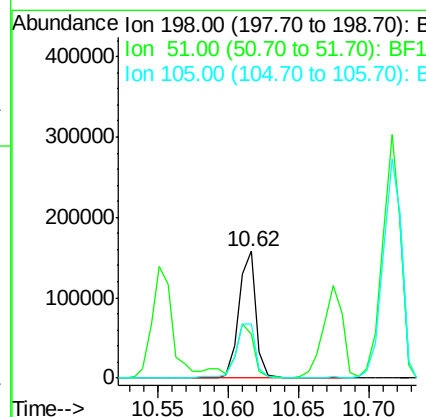
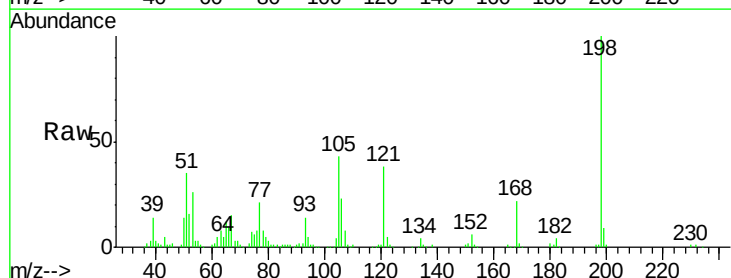
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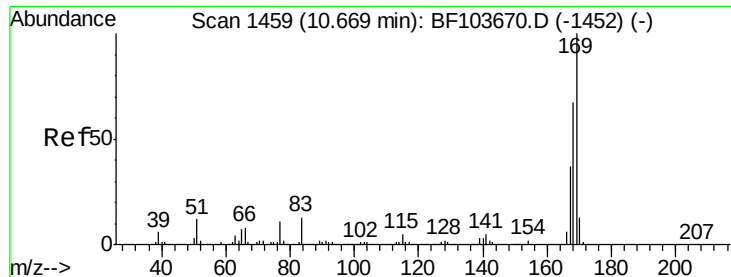
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 58.697 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	35.1	37.7	77.7#
105	42.6	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 47.339 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

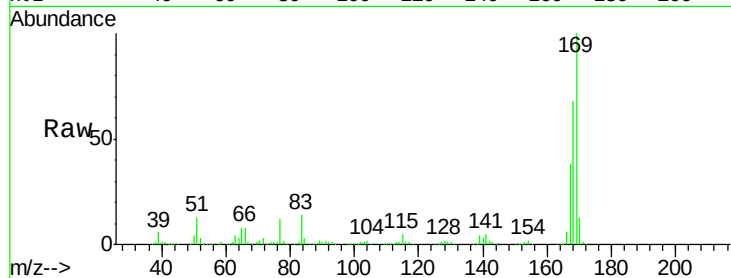
ClientSampleId :

HR-05-031518-AMSD

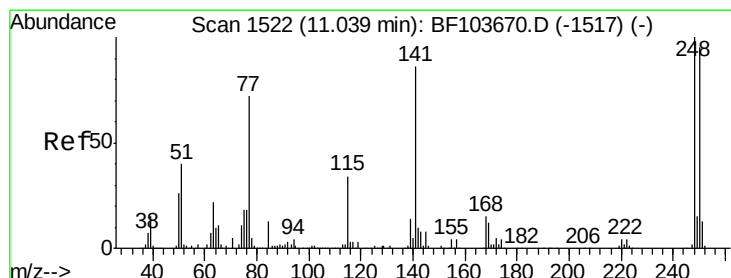
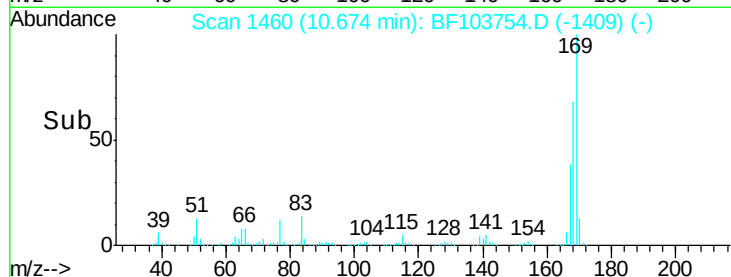
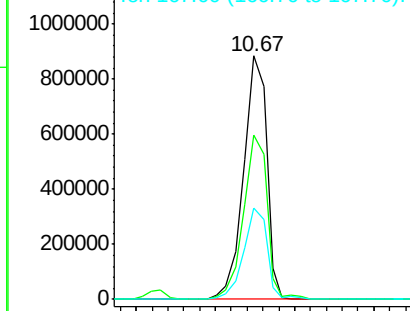
Tot Ion:	169	Resp:	893857
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.4	81.6
167	37.6	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.527 ng

RT: 11.04 min Scan# 1523

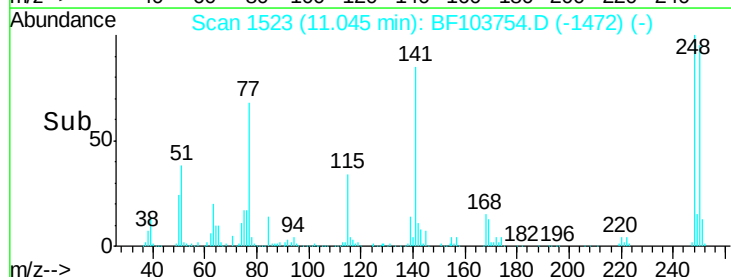
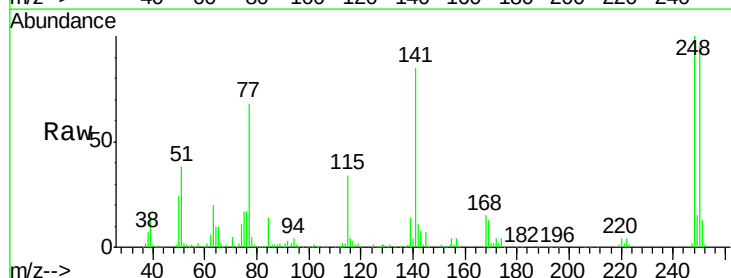
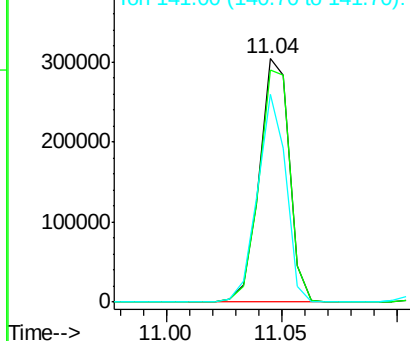
Delta R.T. -0.00 min

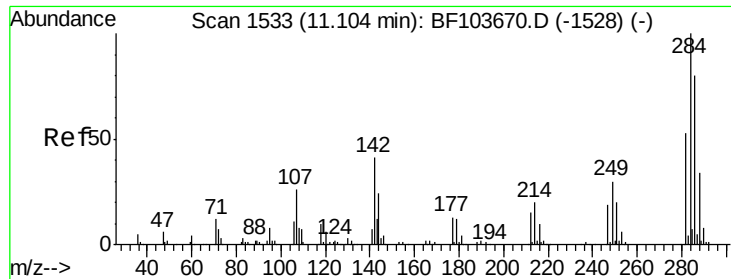
Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	248	Resp:	276388
Ion Ratio	Lower	Upper	
248	100		
250	95.5	76.9	115.3
141	85.4	74.4	111.6

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.225 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

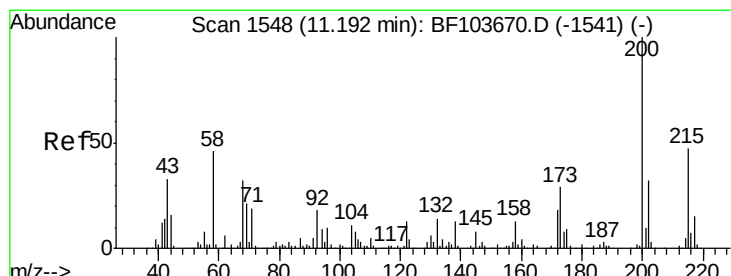
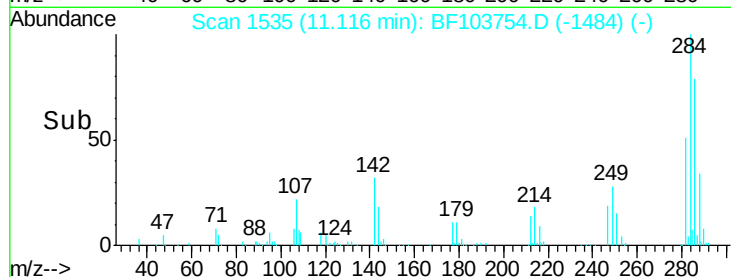
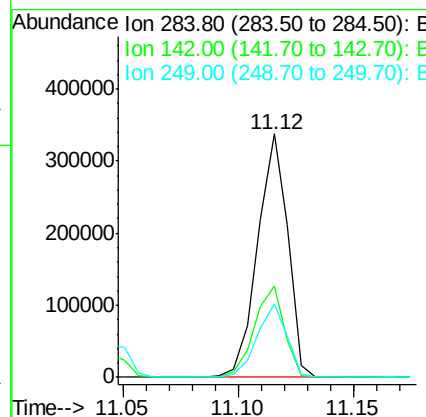
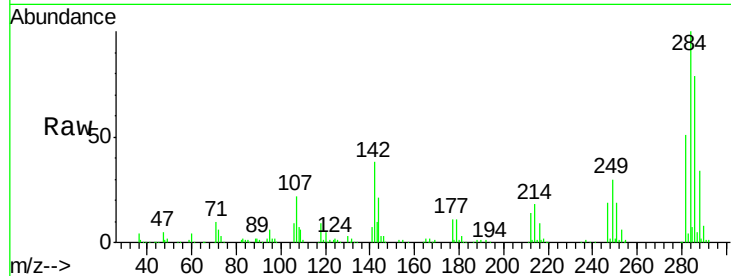
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	284	Resp:	306992
Ion Ratio	Lower	Upper	
284	100		
142	37.7	34.6	52.0
249	30.3	24.8	37.2

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#68

Atrazine

Concen: 49.652 ng

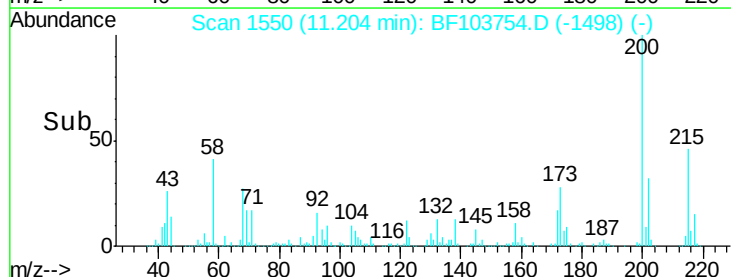
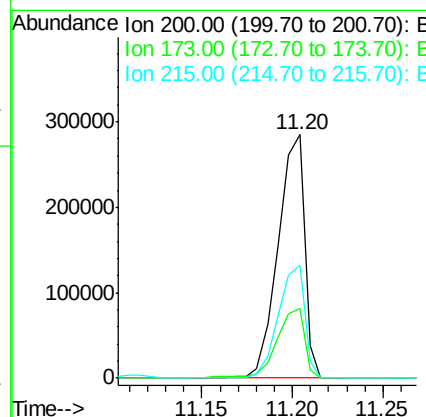
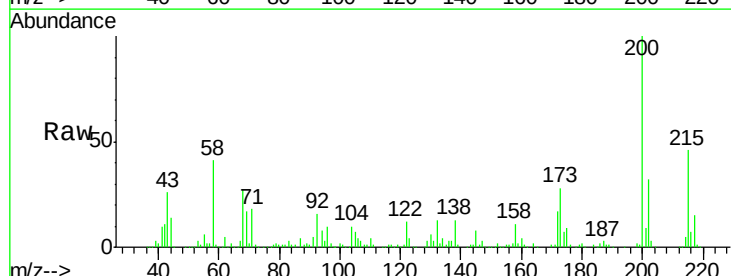
RT: 11.20 min Scan# 1550

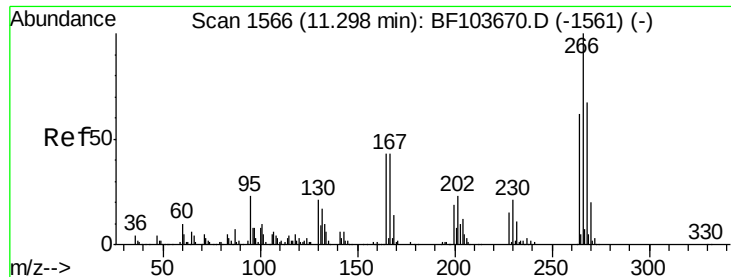
Delta R.T. 0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	200	Resp:	290013
Ion Ratio	Lower	Upper	
200	100		
173	28.3	8.6	48.6
215	46.3	25.1	65.1





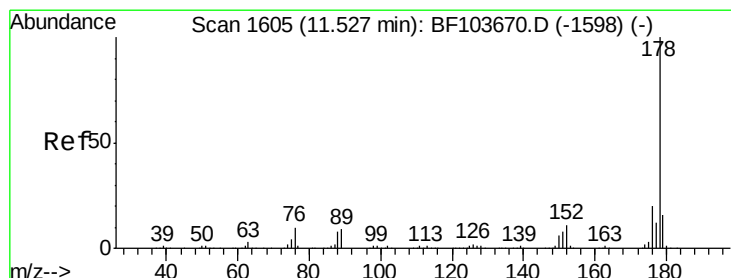
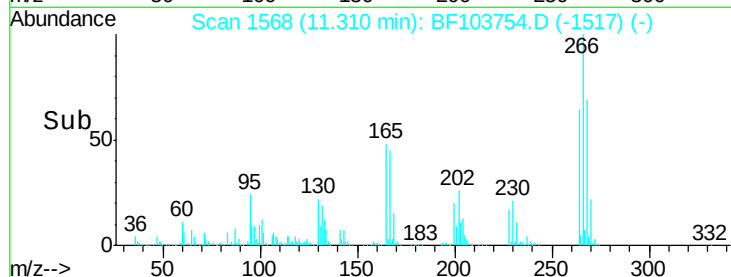
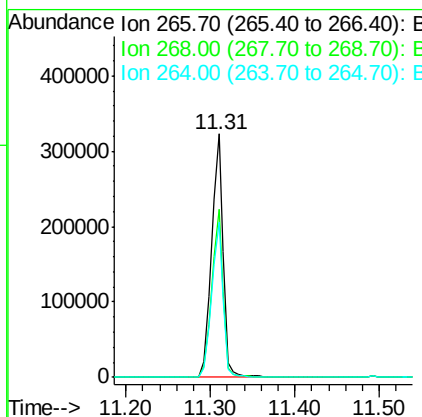
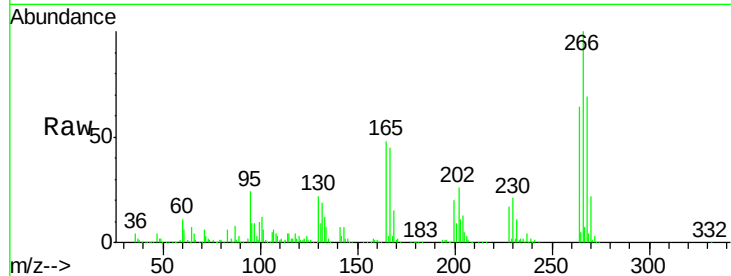
#69
 Pentachlorophenol
 Concen: 85.475 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.9	51.1	76.7
264	63.7	49.5	74.3

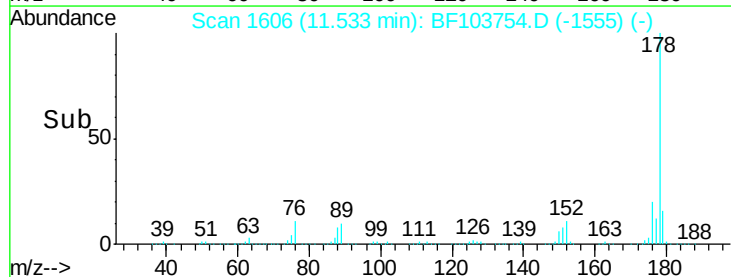
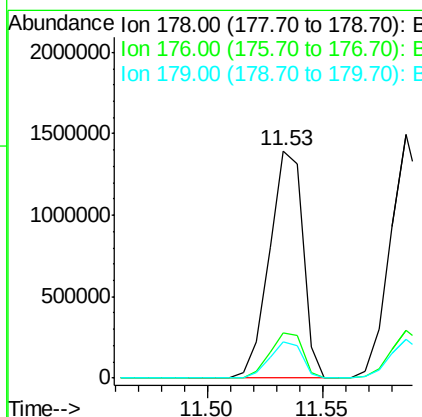
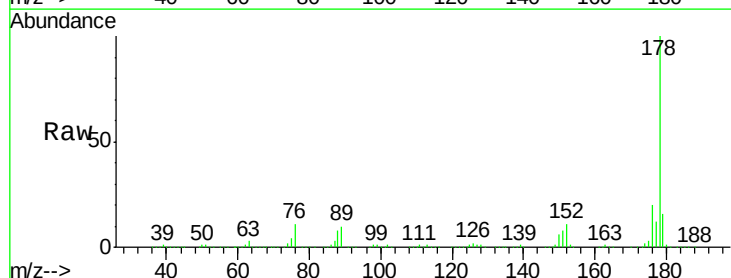
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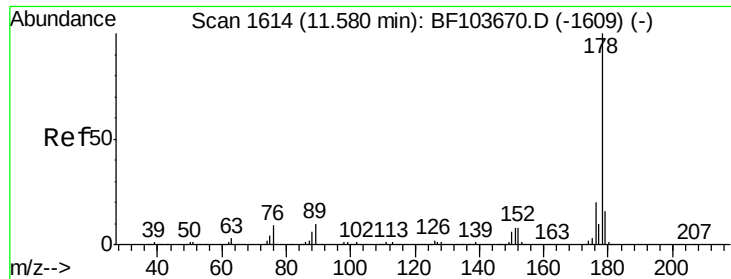
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#70
 Phenanthrene
 Concen: 46.306 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	13.0	19.6





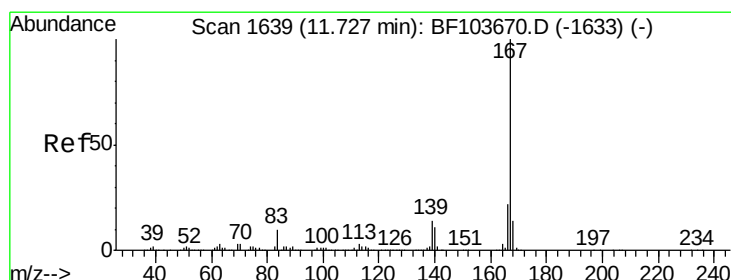
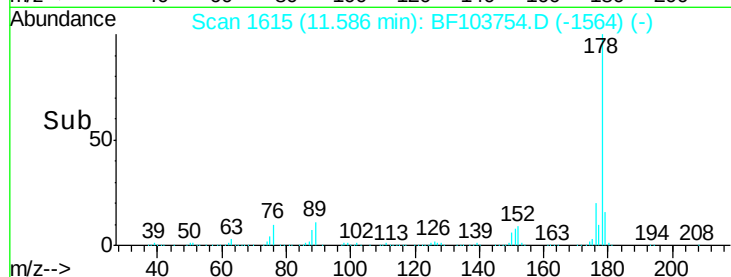
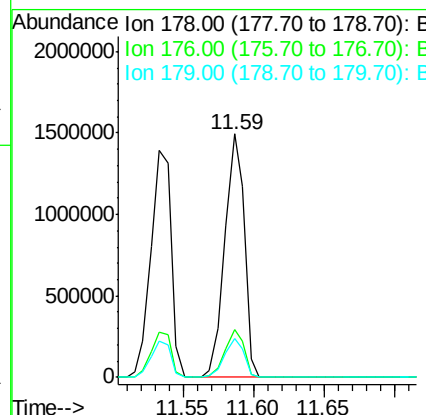
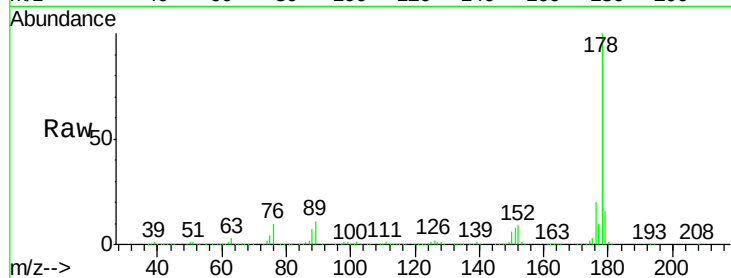
#71
 Anthracene
 Concen: 46.698 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion:178 Resp: 1439234
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.8 12.6 19.0

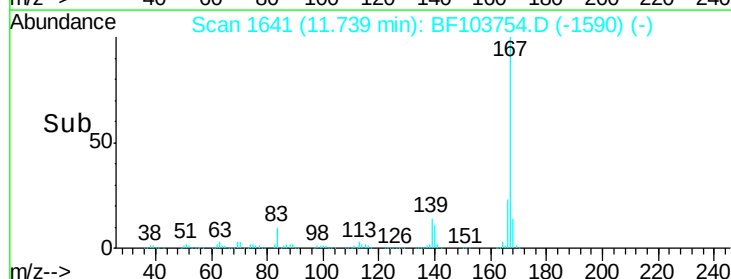
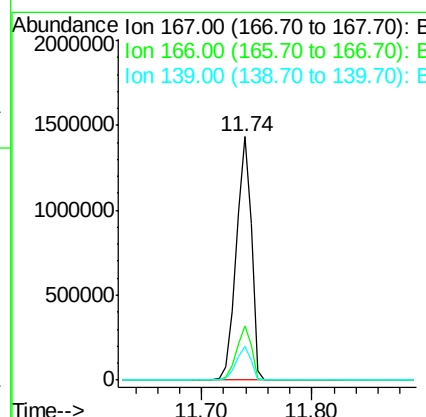
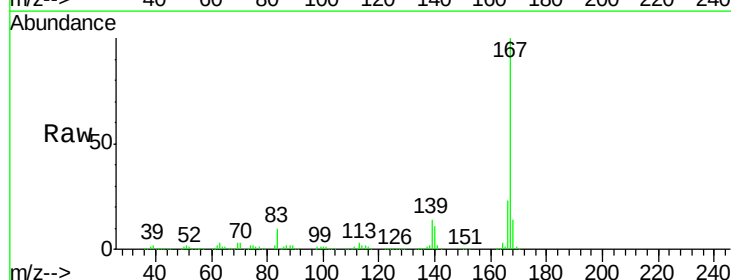
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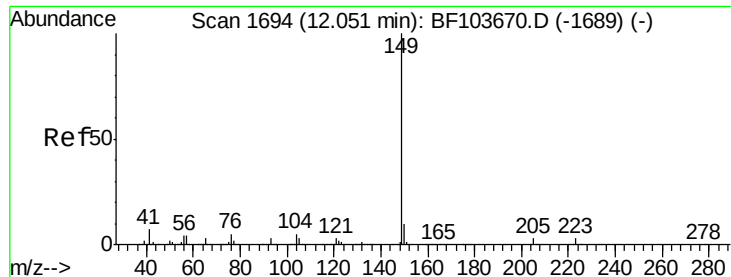
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#72
 Carbazole
 Concen: 46.106 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:167 Resp: 1381117
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.987 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

HR-05-031518-AMSD

Tot Ion:149 Resp: 1688871

Ion Ratio Lower Upper

149 100

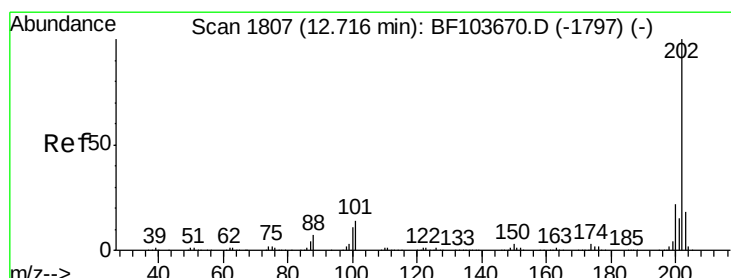
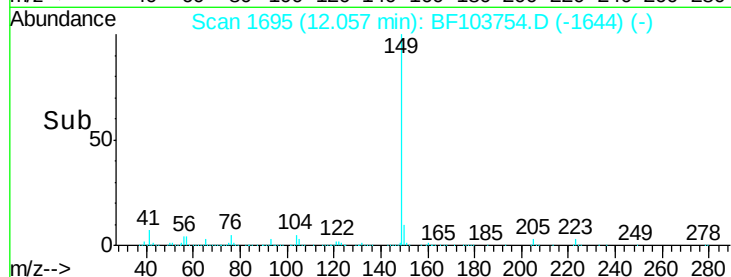
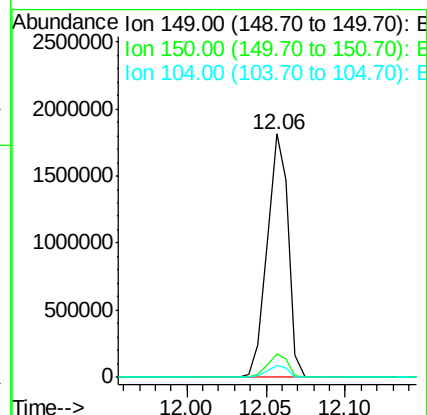
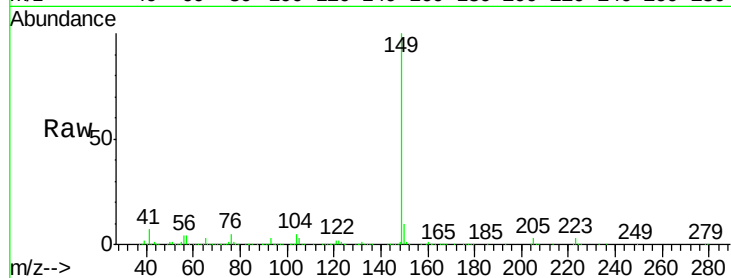
150 9.6 7.8 11.6

104 5.0 3.8 5.8

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#74

Fluoranthene

Concen: 47.334 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

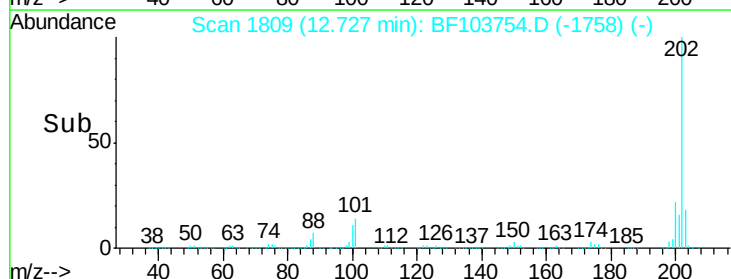
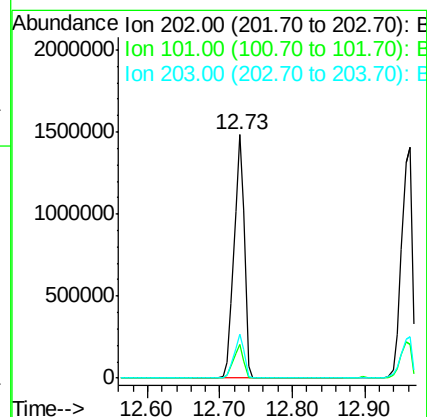
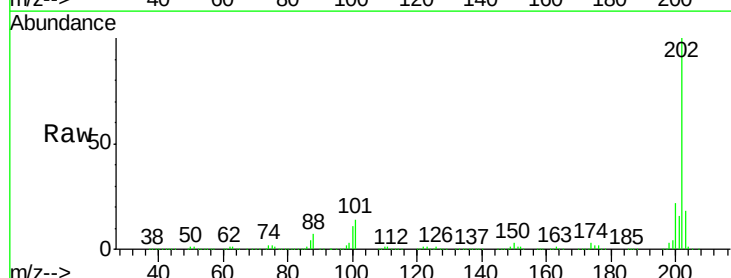
Tgt Ion:202 Resp: 1479762

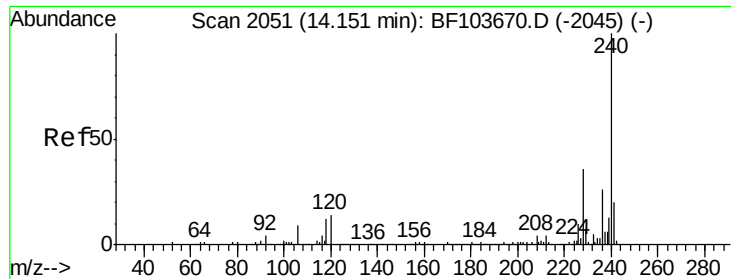
Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

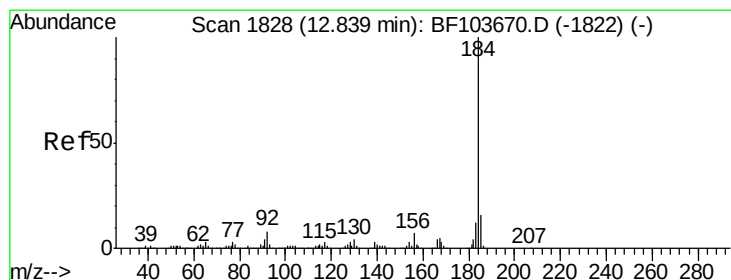
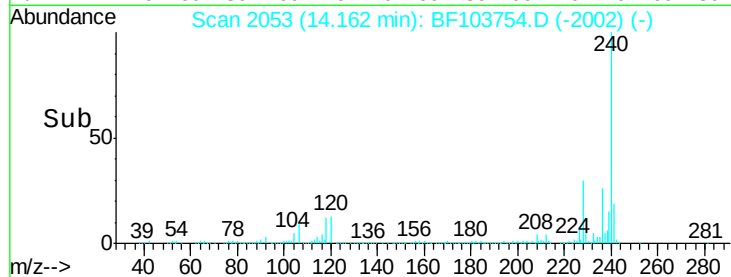
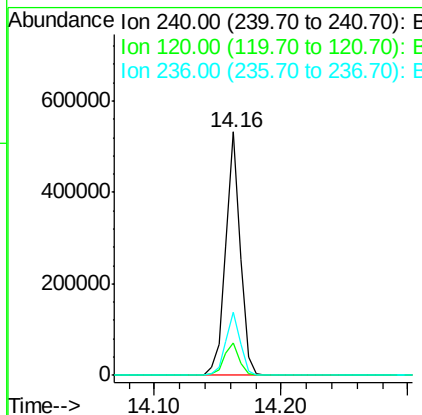
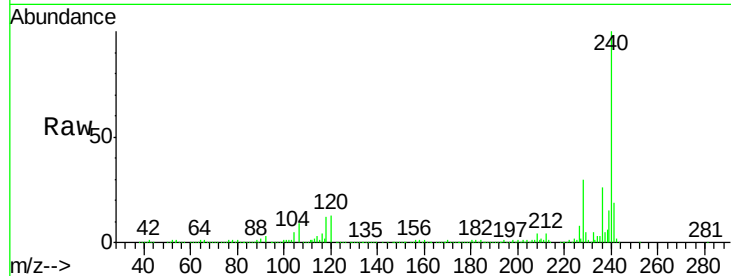
ClientSampleId :

HR-05-031518-AMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 8.175 ng

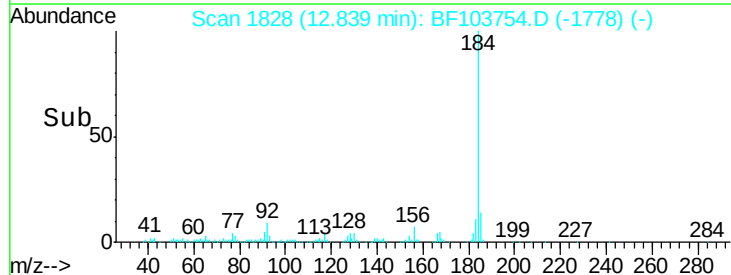
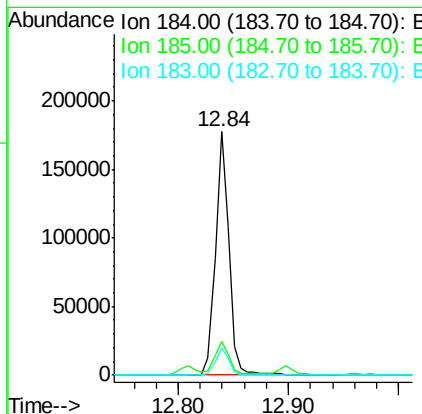
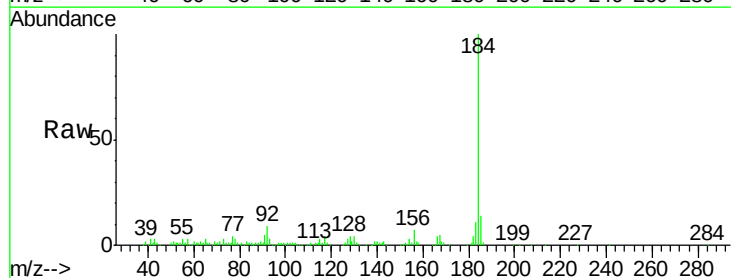
RT: 12.84 min Scan# 1828

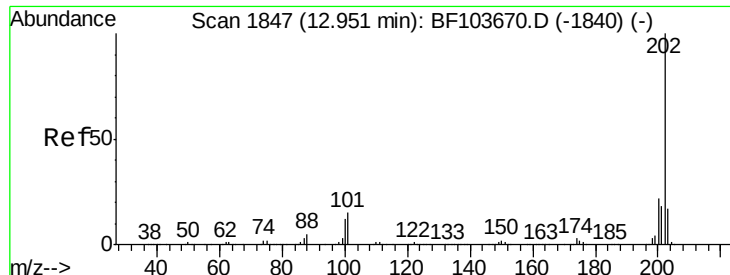
Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.0	9.3	13.9





#77
Pvrene
Concen: 47.372 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

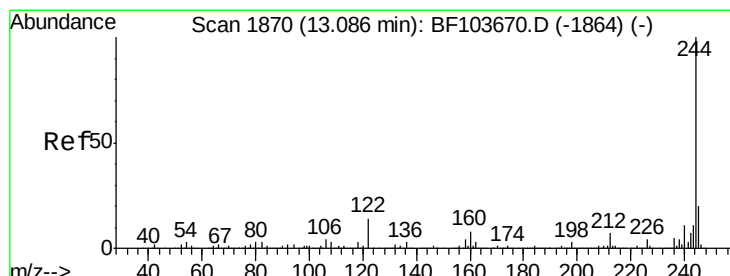
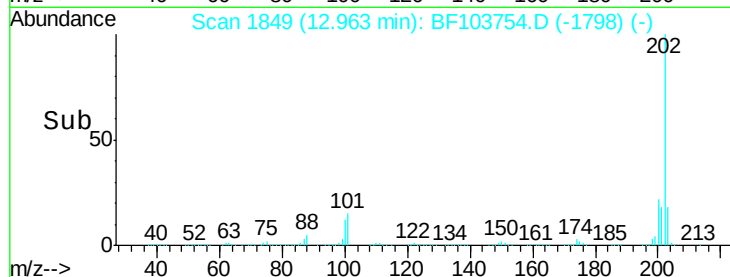
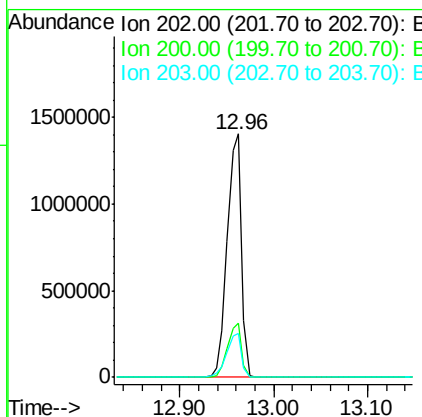
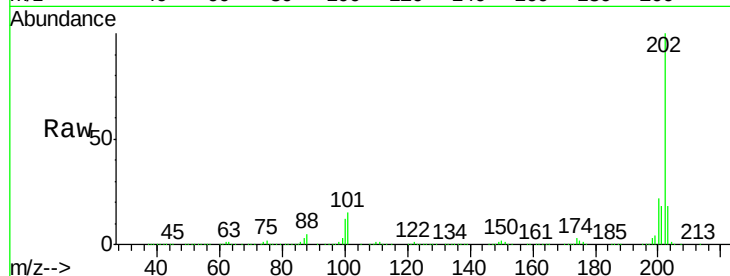
Instrument :
BNA_F
ClientSampleId :
HR-05-031518-AMSD

Tot Ion: 202 Resp: 1479947

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.3	21.5

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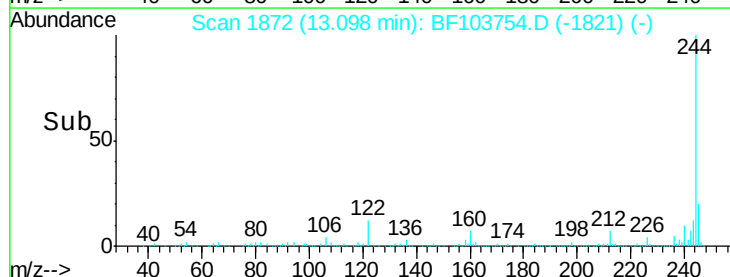
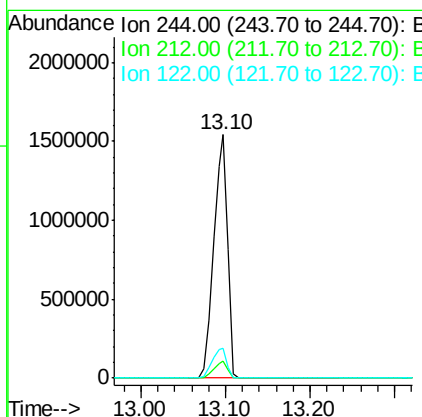
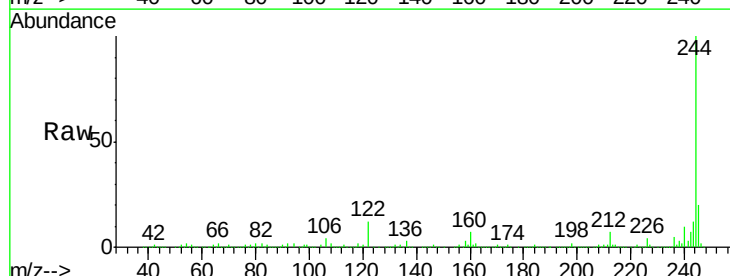
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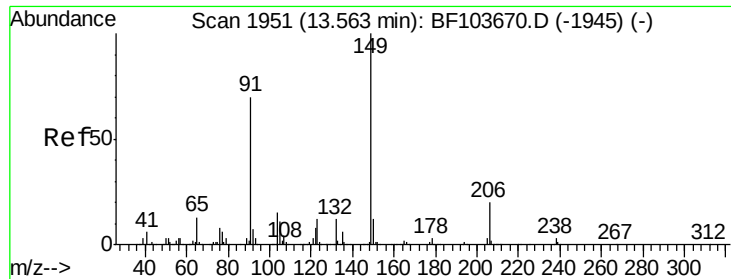


#78
Terphenyl-d14
Concen: 97.873 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion: 244 Resp: 1793748

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.1	11.0	16.4





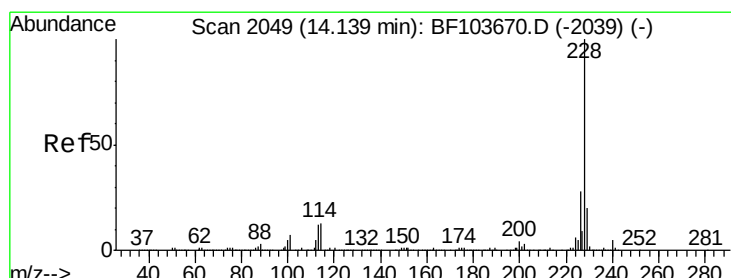
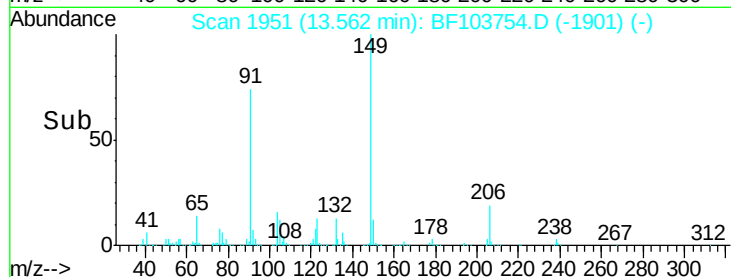
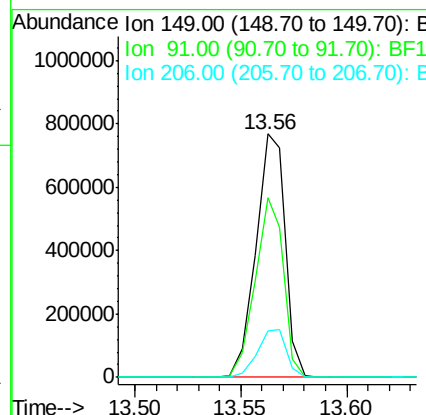
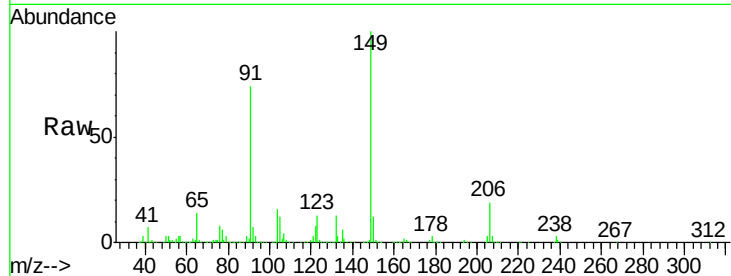
#79
Butylbenzylphthalate
Concen: 53.489 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	56.8	85.2
206	19.1	14.1	21.1

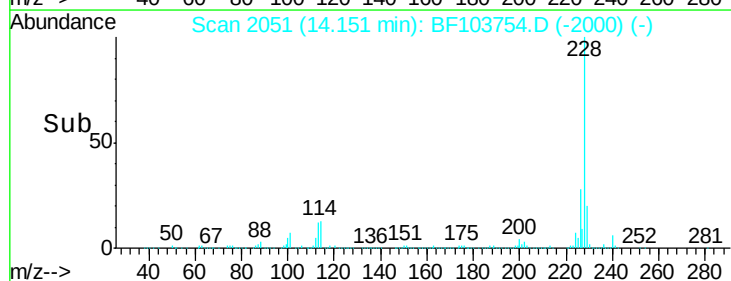
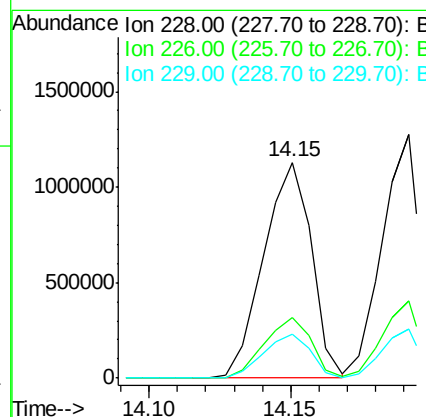
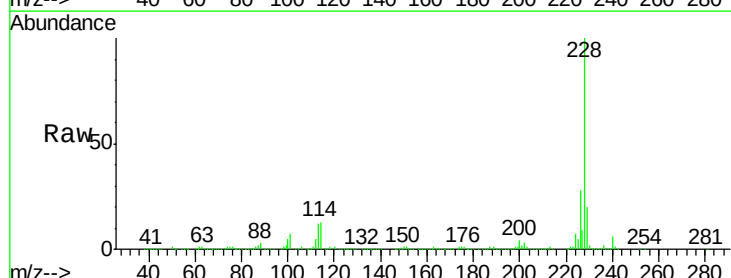
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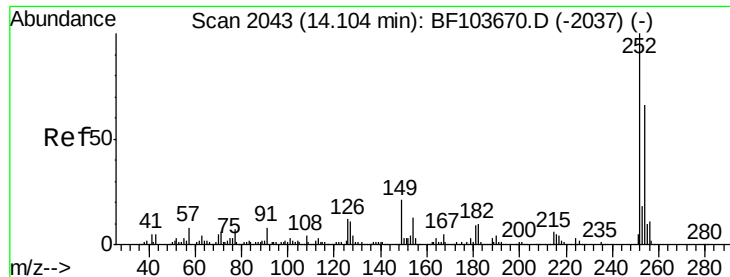
Sohil
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#80
Benzo(a)anthracene
Concen: 49.229 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.8	23.6





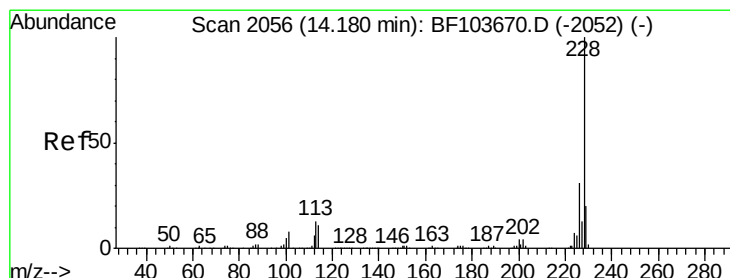
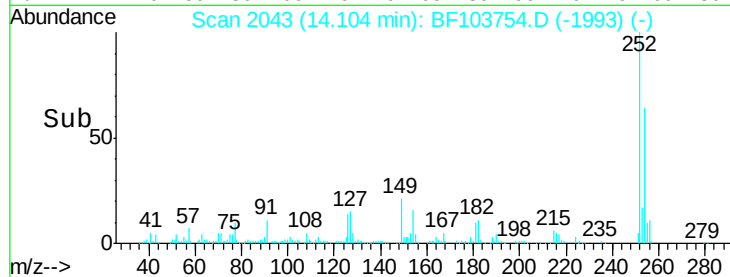
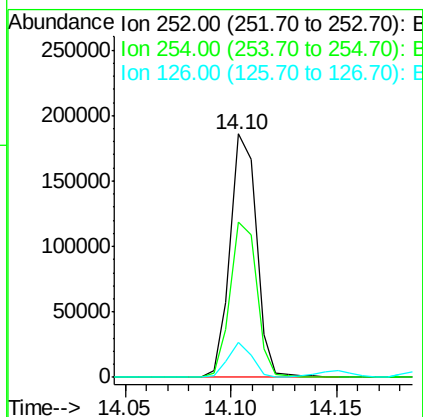
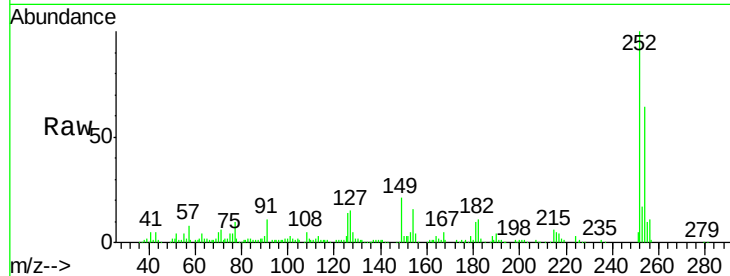
#81
 3,3'-Dichlorobenzidine
 Concen: 17.856 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	160829		
254	64.0		50.4	75.6
126	14.3		11.3	16.9

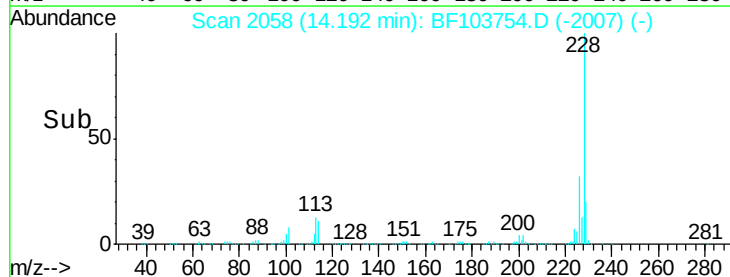
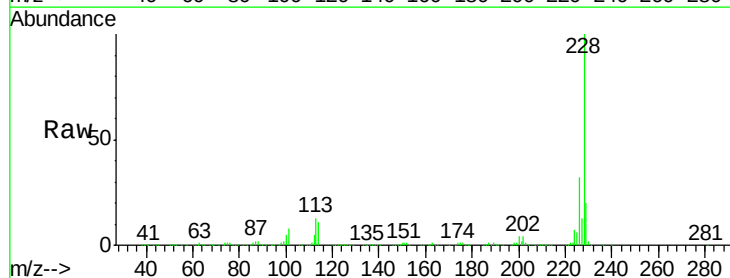
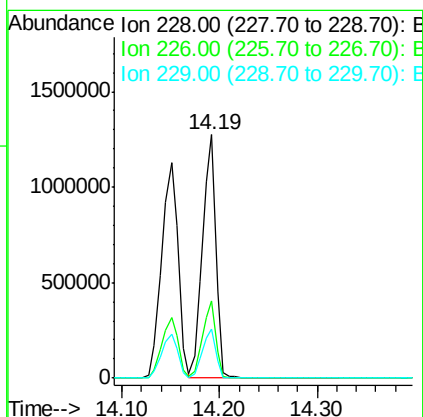
Manual Integrations
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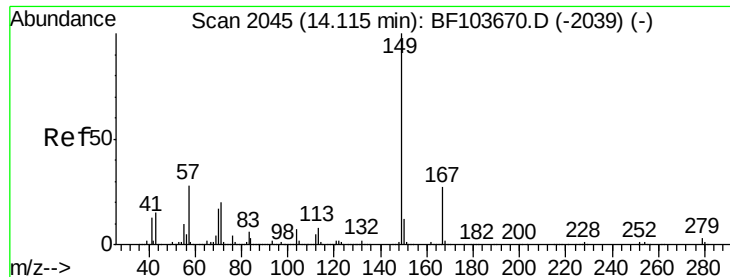
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#82
 Chrysene
 Concen: 47.205 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1211718		
226	31.5		25.0	37.6
229	20.1		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.682 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

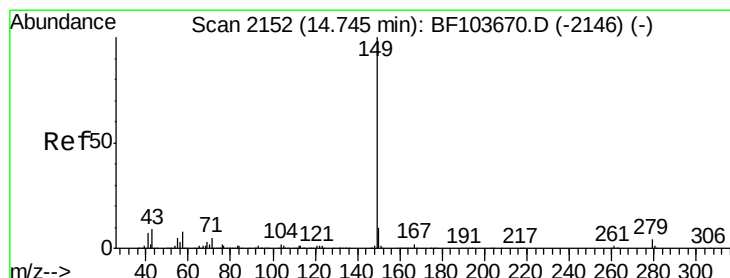
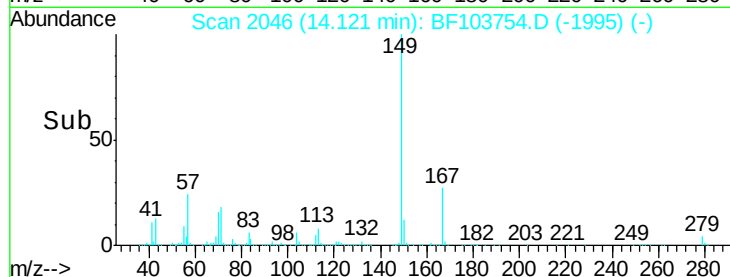
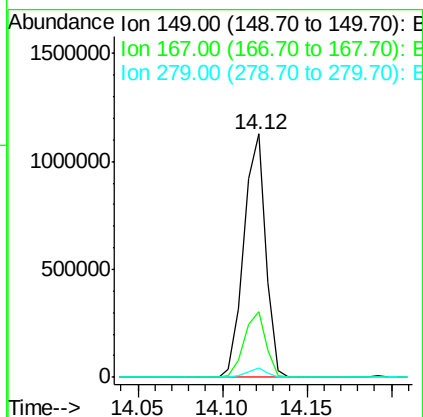
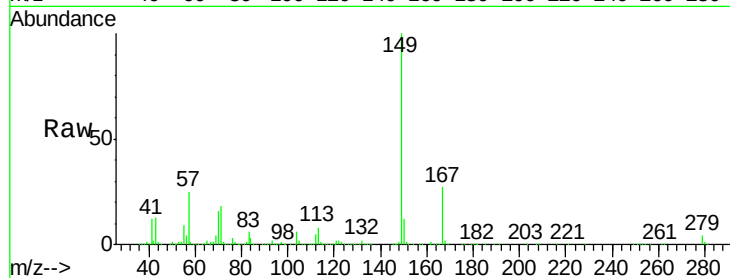
ClientSampleId :

HR-05-031518-AMSD

Tot Ion:	149	Resp:	1021941
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 58.156 ng

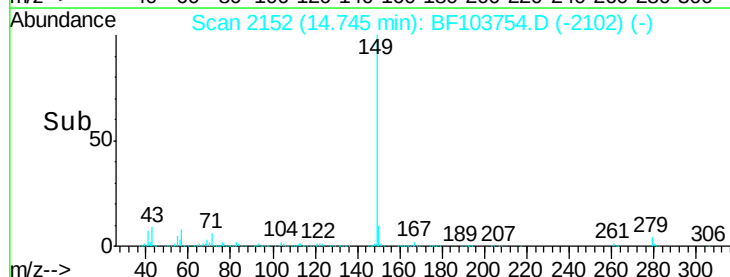
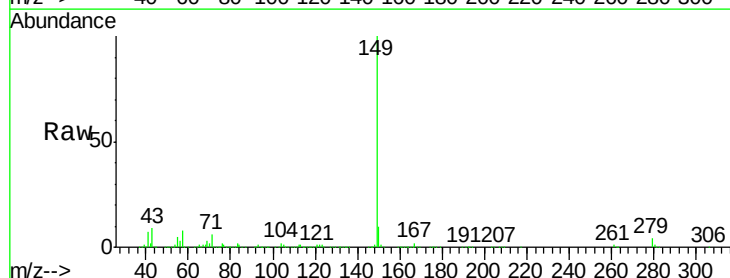
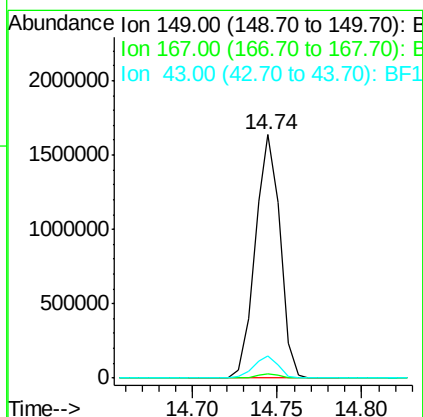
RT: 14.74 min Scan# 2152

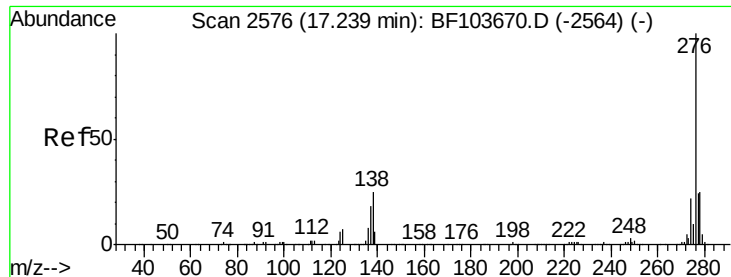
Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:	149	Resp:	1672986
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	8.4	12.6





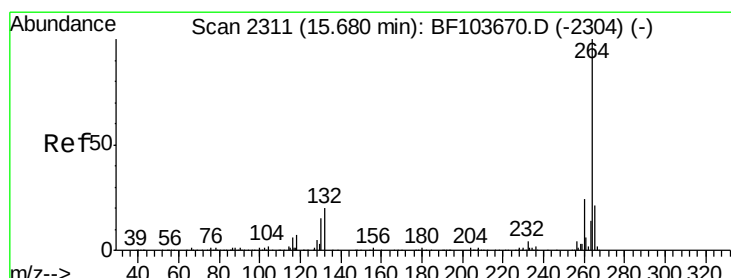
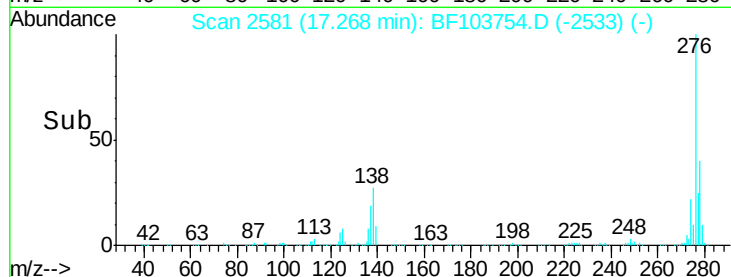
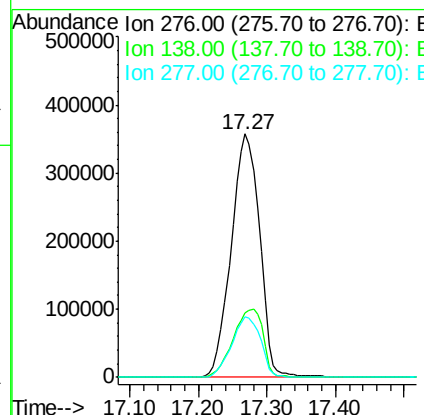
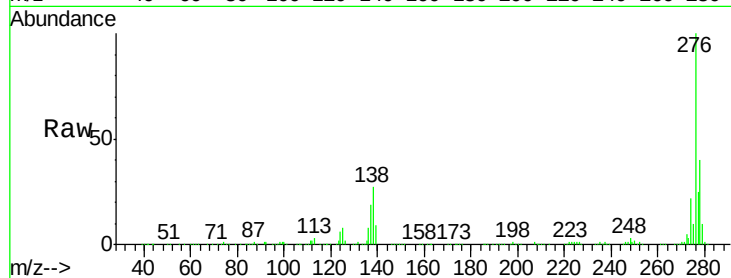
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.925 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.02 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.4	20.1	30.1

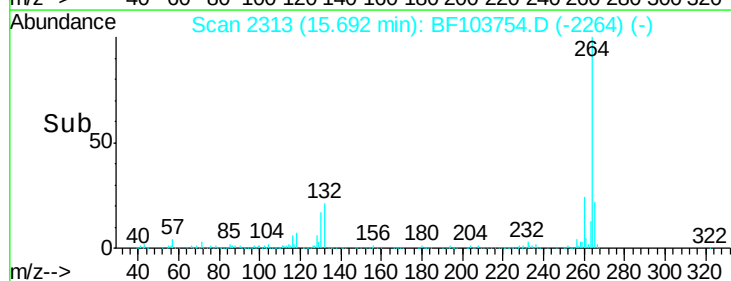
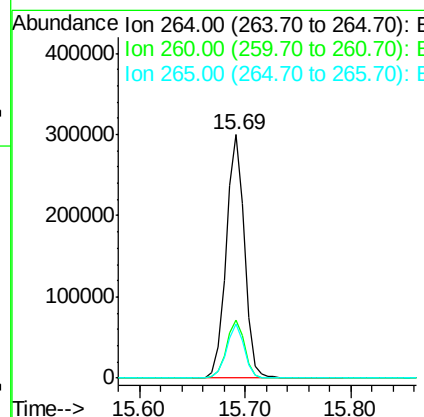
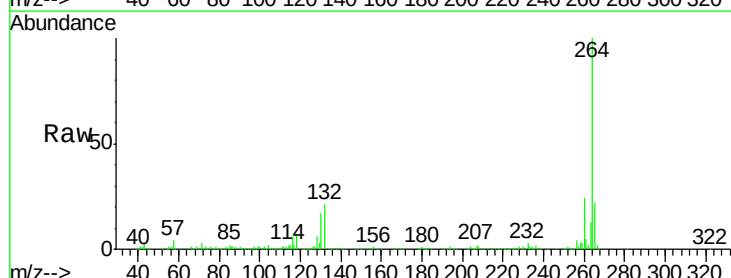
Manual Integrations
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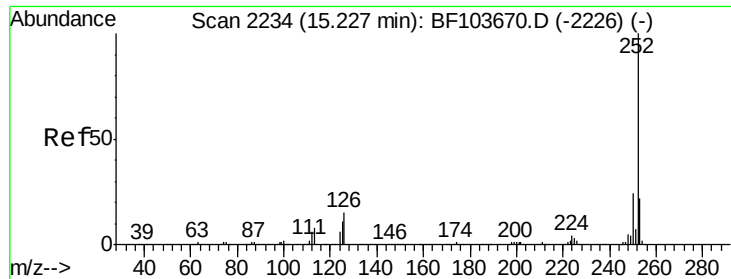
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.5	26.3





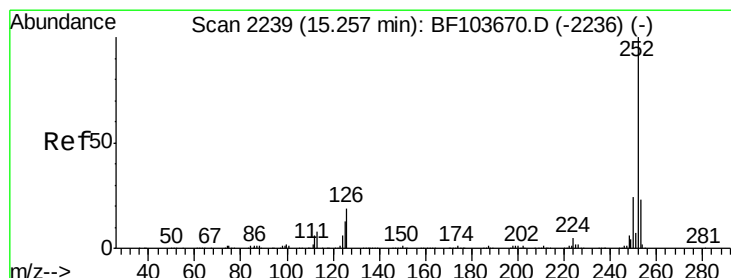
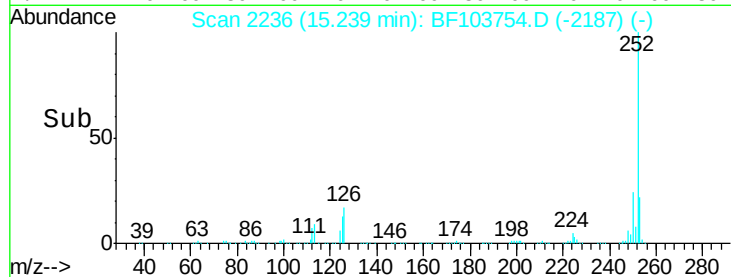
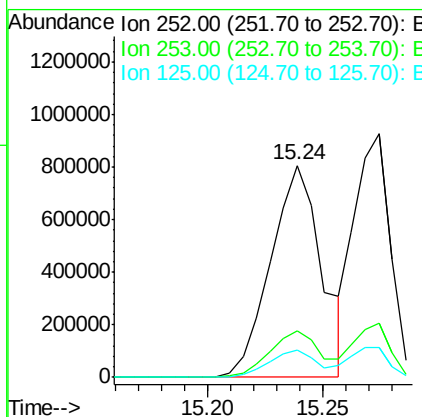
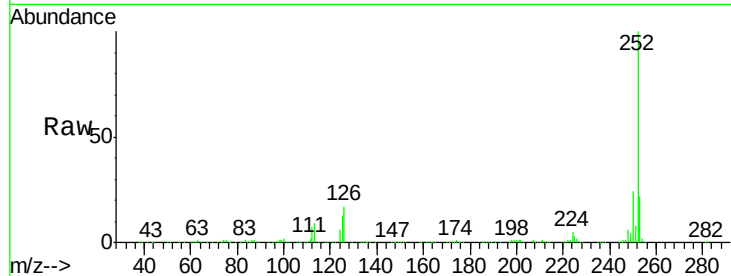
#87
Benzo(b)fluoranthene
Concen: 54.107 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion:252 Resp: 1235009
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.0 9.0 13.6

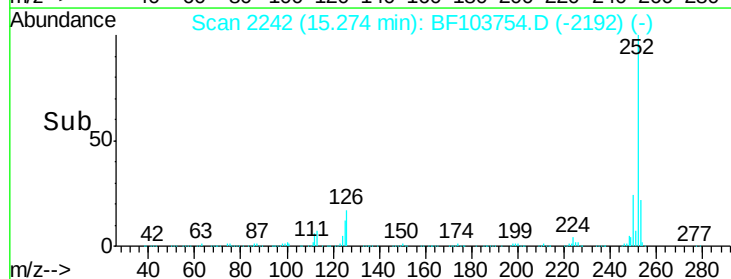
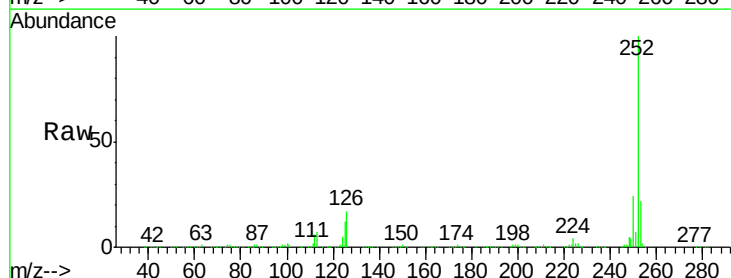
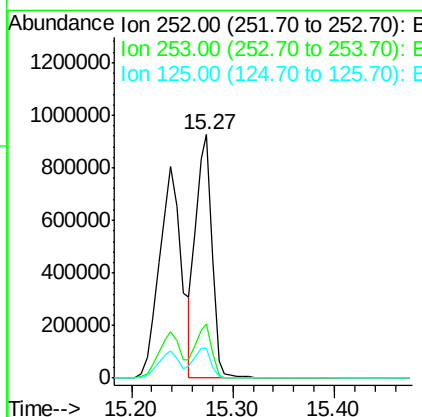
Manual Integrations
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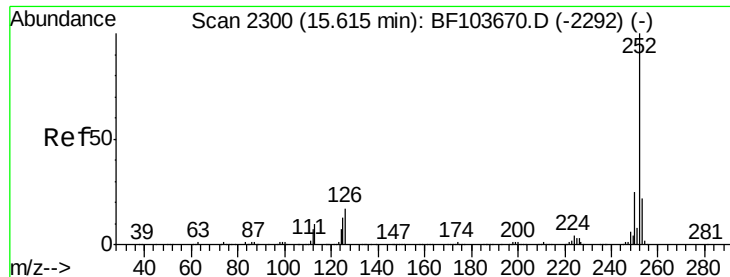
Sohil
3/20/2018 6:26:28 PM



#88
Benzo(k)fluoranthene
Concen: 46.388 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:252 Resp: 1017798
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.2 10.2 15.2





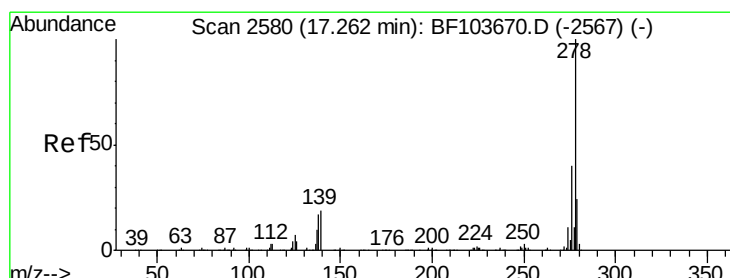
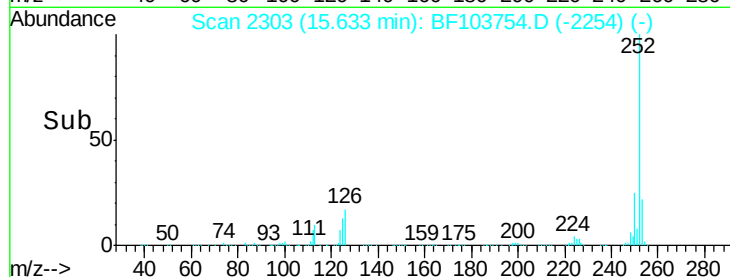
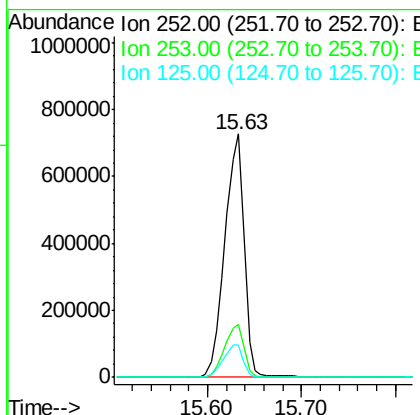
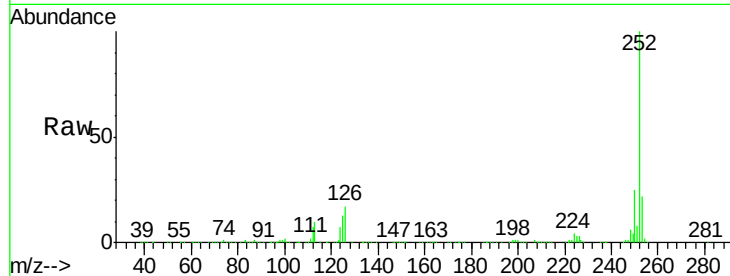
#89
Benzo(a)pyrene
Concen: 51.010 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

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

Tot Ion:252 Resp: 1056034
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.4 9.8 14.6

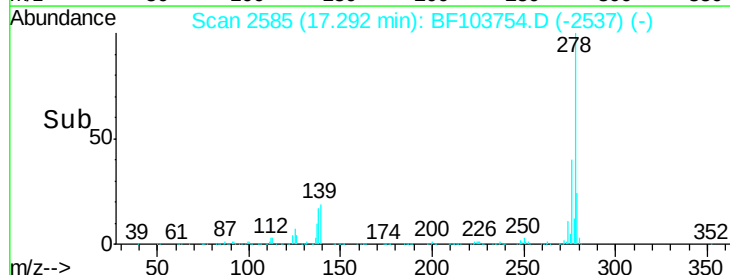
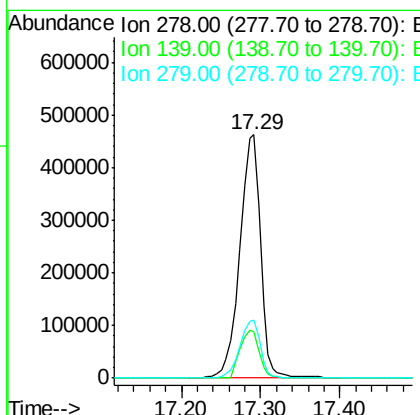
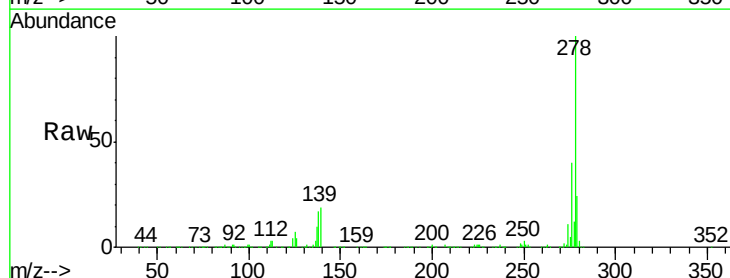
Manual Integrations
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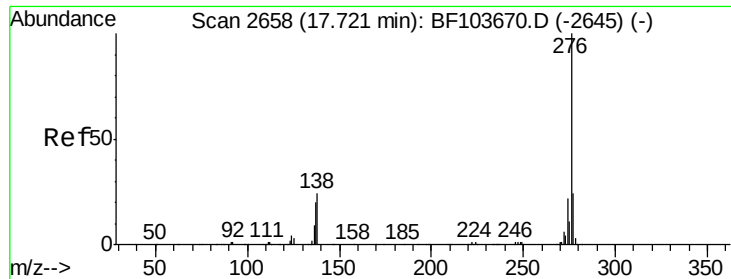
Sohil
3/20/2018 6:26:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.006 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:278 Resp: 842640
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 24.0 19.0 28.4





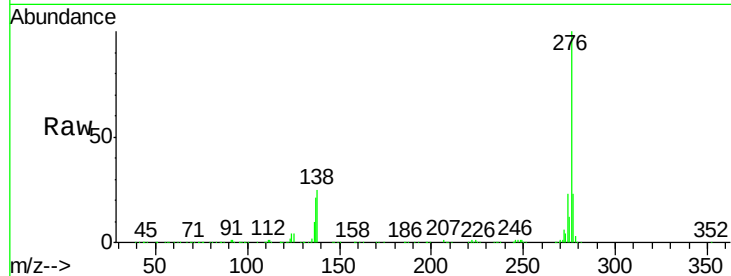
#91
 Benzo(a,h,i)perylene
 Concen: 49.621 ng
 RT: 17.76 min Scan# 2664
 Delta R.T. -0.02 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

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

Tot Ion:	276	Resp:	865374
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	24.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/20/2018 6:26:28 PM



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

