

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102754.D
 Acq On : 5 Feb 2018 23:30
 Operator : SJ/JU
 Sample : PB106322BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:25:49 PM

Quant Time: Feb 06 02:33:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190024	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	784817	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	339438	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	520446	20.00	ng	0.00
75) Chrysene-d12	14.04	240	292185	20.00	ng	0.00
86) Perylene-d12	15.52	264	282455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1521667	121.61	ng	0.02
7) Phenol-d6	6.51	99	1811502	120.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	1151932	101.82	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	347651	127.25	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1872582	91.54	ng	0.00
78) Terphenyl-d14	12.99	244	1303554	105.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	231625	37.478	ng	# 86
3) Pyridine	3.52	79	649518	38.039	ng	88
4) n-Nitrosodimethylamine	3.47	42	335274	45.893	ng	95
6) Aniline	6.55	93	400002	17.978	ng	96
8) 2-Chlorophenol	6.67	128	561727	43.606	ng	96
9) Benzaldehyde	6.43	77	230422	20.595	ng	94
10) Phenol	6.53	94	709700	43.955	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	561734	41.811	ng	90
12) 1,3-Dichlorobenzene	6.82	146	603696	40.469	ng	97
13) 1,4-Dichlorobenzene	6.90	146	605417	40.742	ng	99
14) 1,2-Dichlorobenzene	7.05	146	560790	40.518	ng	99
15) Benzyl Alcohol	7.02	79	498419	43.030	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1041596	40.812	ng	96
17) 2-Methylphenol	7.13	107	496987	41.826	ng	99
18) Hexachloroethane	7.39	117	202817	39.802	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	392498	39.513	ng	95
20) 3+4-Methylphenols	7.28	107	579493	39.548	ng	# 88
22) Acetophenone	7.29	105	774310	40.318	ng	95
24) Nitrobenzene	7.46	77	606964	45.611	ng	98
25) Isophorone	7.70	82	1135629	43.593	ng	100
26) 2-Nitrophenol	7.78	139	302537	54.012	ng	97
27) 2,4-Dimethylphenol	7.82	122	537262	48.816	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	704292	45.638	ng	99
29) 2,4-Dichlorophenol	8.02	162	465193	46.495	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	469563	41.486	ng	98
31) Naphthalene	8.19	128	1593640	41.561	ng	99
32) Benzoic acid	7.93	122	319212m	42.962	ng	
33) 4-Chloroaniline	8.23	127	157650	9.544	ng	99
34) Hexachlorobutadiene	8.30	225	236593	40.792	ng	99
35) Caprolactam	8.61	113	162992m	46.909	ng	
36) 4-Chloro-3-methylphenol	8.72	107	510116	45.378	ng	95
37) 2-Methylnaphthalene	8.88	142	1056198	42.072	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	404762	43.794	ng	98
40) Hexachlorocyclopentadiene	9.03	237	193171	43.967	ng	98

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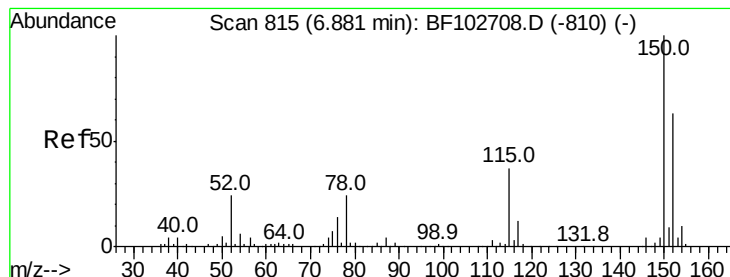
Manual Integrations
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 2/6/2018 2:25:49 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	300648	49.525	nq	97
43) 2,4,5-Trichlorophenol	9.19	196	311833	45.575	nq	98
45) 1,1'-Biphenyl	9.35	154	1204328	42.124	nq	99
46) 2-Chloronaphthalene	9.37	162	946727	42.062	nq	99
47) 2-Nitroaniline	9.46	65	340868	49.000	nq	90
48) Acenaphthylene	9.79	152	1409631	40.323	nq	99
49) Dimethylphthalate	9.65	163	1145840	43.294	nq	100
50) 2,6-Dinitrotoluene	9.70	165	249028	49.456	nq	96
51) Acenaphthene	9.96	154	873157	41.765	nq	98
52) 3-Nitroaniline	9.87	138	167582	27.048	nq	99
53) 2,4-Dinitrophenol	9.97	184	79377	58.369	nq	# 19
54) Dibenzofuran	10.13	168	1241476	42.137	nq	97
55) 4-Nitrophenol	10.03	139	413901	81.227	nq	94
56) 2,4-Dinitrotoluene	10.11	165	324425	48.038	nq	# 92
57) Fluorene	10.47	166	898522	41.916	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	230142	48.531	nq	99
59) Diethylphthalate	10.35	149	1100778	42.122	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	412688	43.520	nq	98
61) 4-Nitroaniline	10.49	138	228510	38.748	nq	94
62) Azobenzene	10.62	77	1055092	40.414	nq	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	59426	32.325	nq	95
65) n-Nitrosodiphenylamine	10.58	169	861541	46.931	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	261084	47.424	nq	97
67) Hexachlorobenzene	11.02	284	266870	43.941	nq	96
68) Atrazine	11.10	200	255620	47.200	nq	98
69) Pentachlorophenol	11.21	266	260788	73.148	nq	98
70) Phenanthrene	11.43	178	1210914	41.777	nq	99
71) Anthracene	11.49	178	1243499	42.180	nq	99
72) Carbazole	11.64	167	1143147	39.580	nq	99
73) Di-n-butylphthalate	11.96	149	1620309	46.184	nq	100
74) Fluoranthene	12.62	202	1049533	35.989	nq	100
76) Benzidine	12.74	184	436617	32.513	nq	99
77) Pyrene	12.85	202	1036376	45.233	nq	100
79) Butylbenzylphthalate	13.46	149	571881	52.092	nq	99
80) Benzo(a)anthracene	14.03	228	812478	44.215	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	287886	42.254	nq	98
82) Chrysene	14.07	228	783702	42.308	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	774904	55.210	nq	99
84) Di-n-octyl phthalate	14.63	149	1240432	58.859	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	701099	45.635	nq	99
87) Benzo(b)fluoranthene	15.09	252	833085	45.492	nq	98
88) Benzo(k)fluoranthene	15.12	252	758582	43.354	nq	98
89) Benzo(a)pyrene	15.46	252	761327	46.187	nq	98
90) Dibenzo(a,h)anthracene	17.03	278	605774	45.277	nq	99
91) Benzo(g,h,i)perylene	17.47	276	559867	42.753	nq	97

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



#1

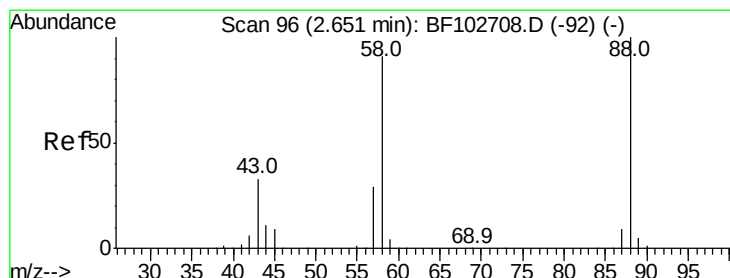
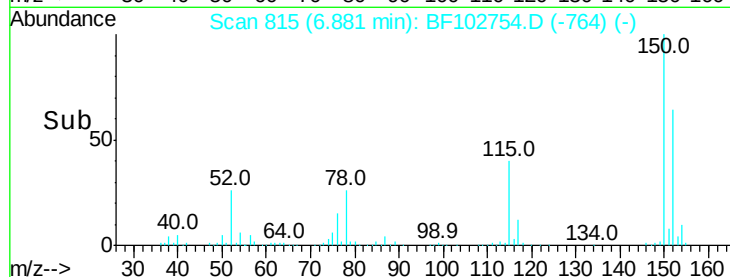
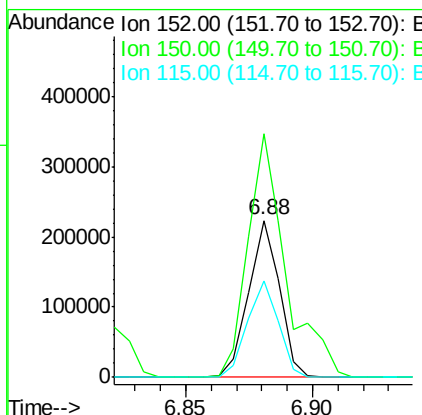
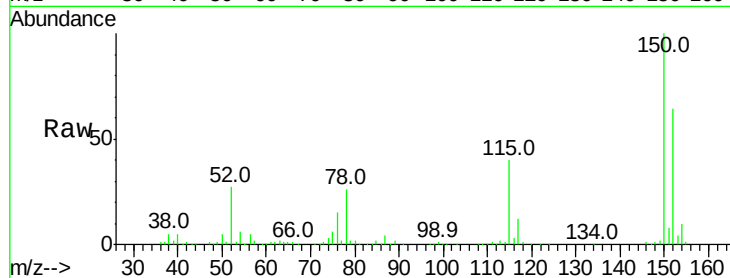
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.7	50.1	75.1

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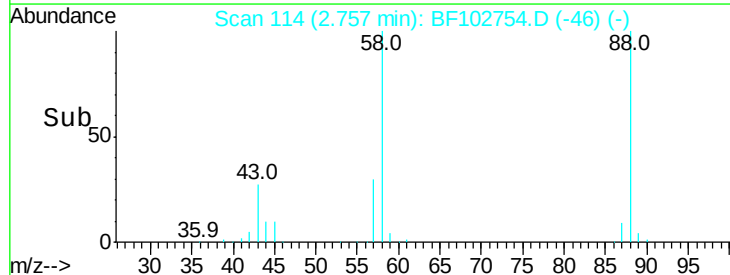
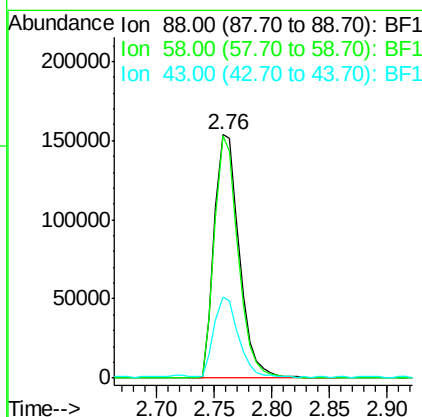
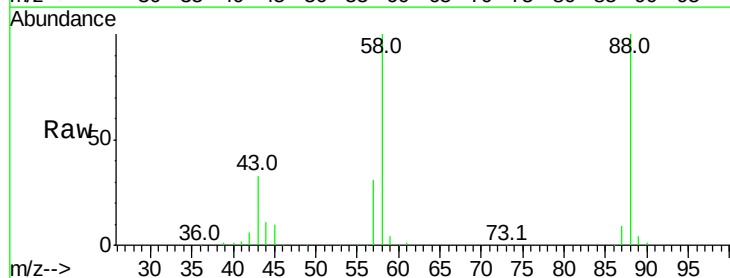
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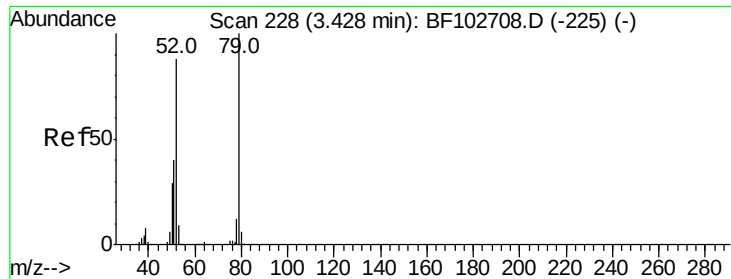


#2

1,4-Dioxane
Concen: 37.478 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.10 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	62.6	93.8#
43	32.0	24.6	37.0





#3

Pvridine

Concen: 38.039 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

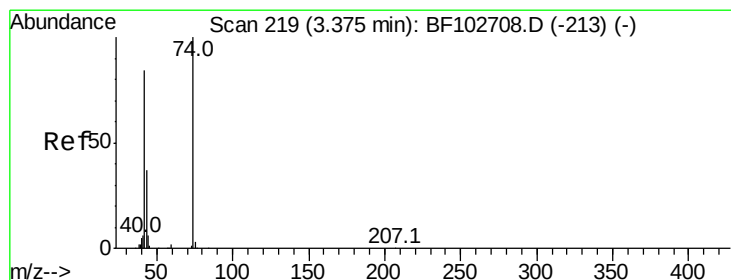
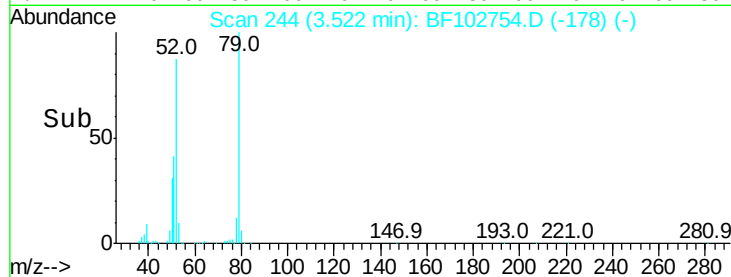
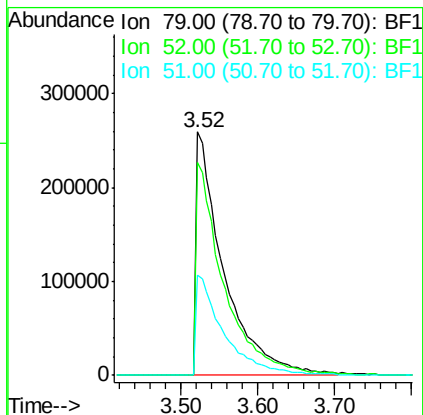
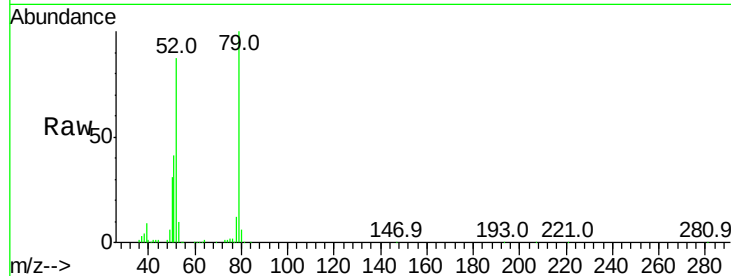
ClientSampleId :

PB106322BS

Tot Ion:	79	Resp:	649518
Ion Ratio	Lower	Upper	
79	100		
52	87.3	59.8	89.6
51	41.4	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.893 ng

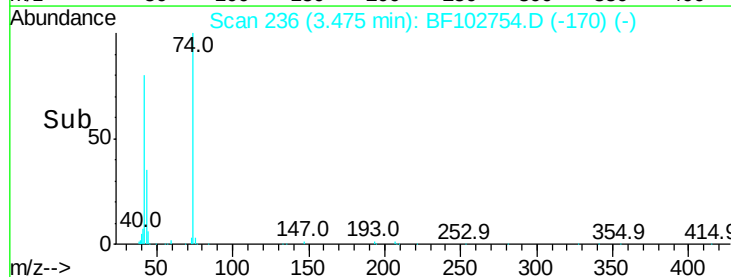
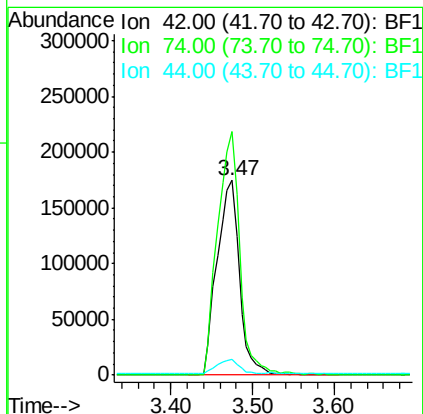
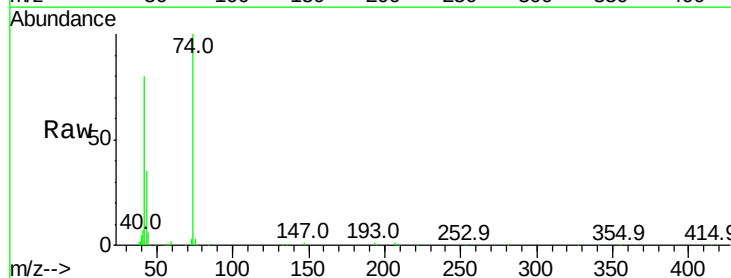
RT: 3.47 min Scan# 236

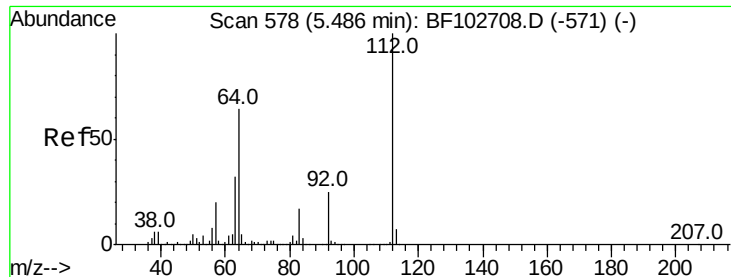
Delta R.T. 0.09 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:	42	Resp:	335274
Ion Ratio	Lower	Upper	
42	100		
74	125.3	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 121.611 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

PB106322BS

Tot Ion:112 Resp: 1521667

Ion Ratio Lower Upper

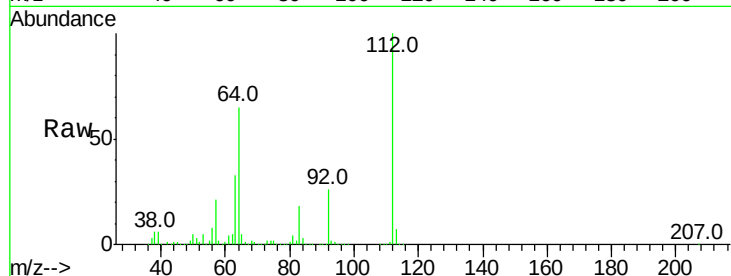
112 100

64 64.8 47.9 71.9

63 32.9 23.7 35.5

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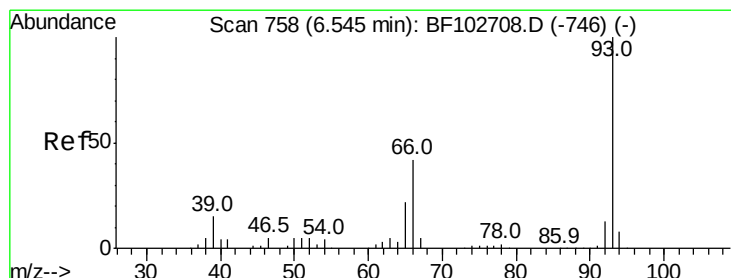
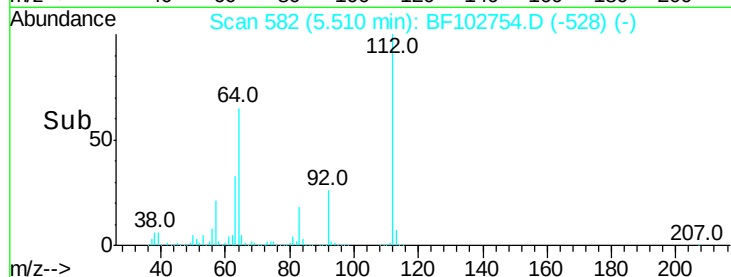
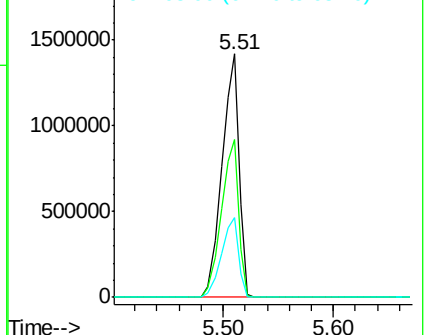
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.978 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

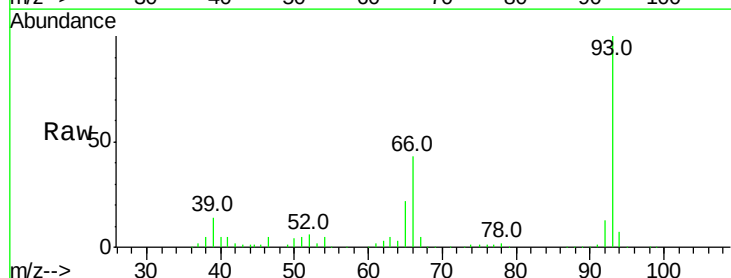
Tgt Ion: 93 Resp: 400002

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

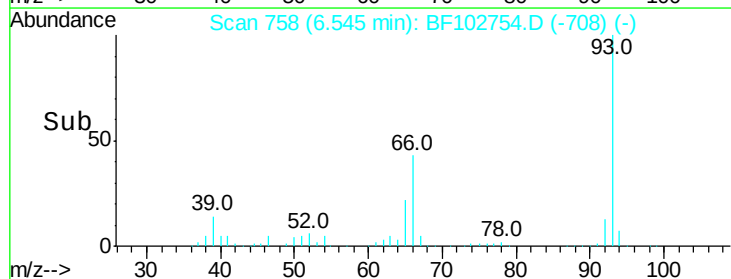
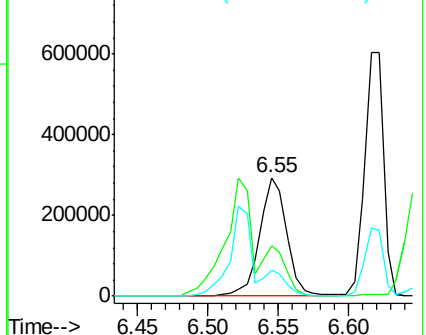
65 21.6 16.4 24.6

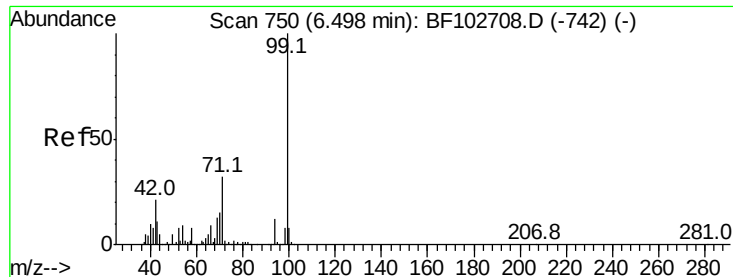


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.238 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

PB106322BS

Tot Ion: 99 Resp: 1811502

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

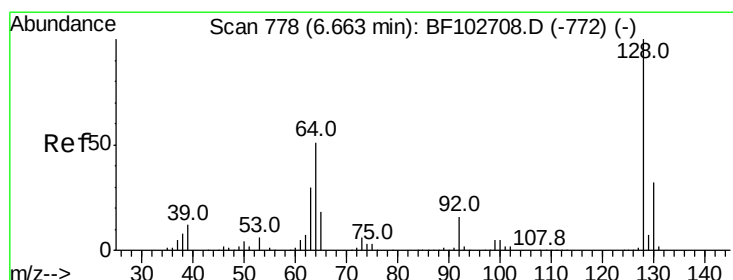
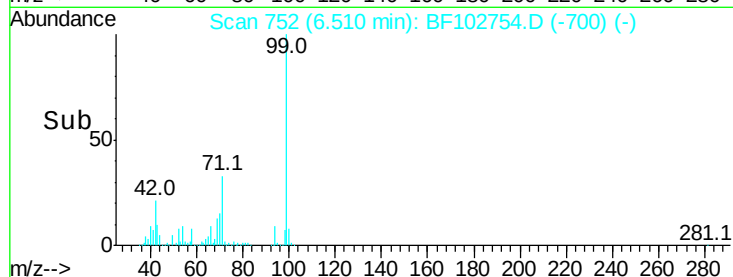
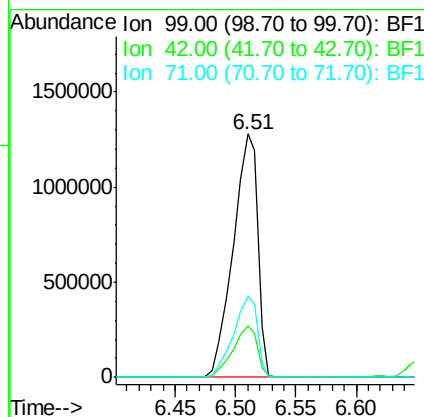
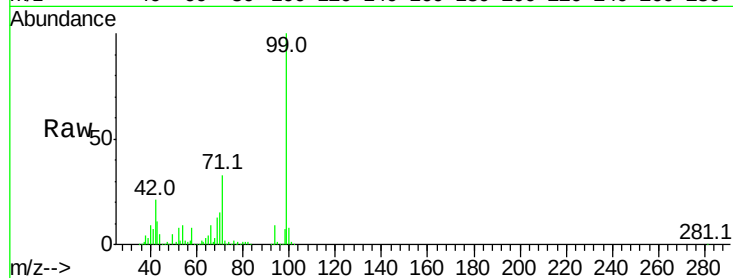
71 33.3 25.4 38.0

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#8

2-Chlorophenol

Concen: 43.606 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

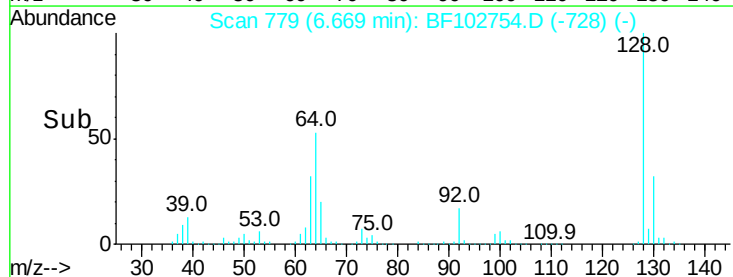
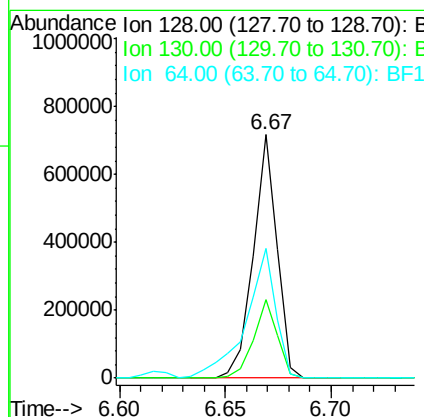
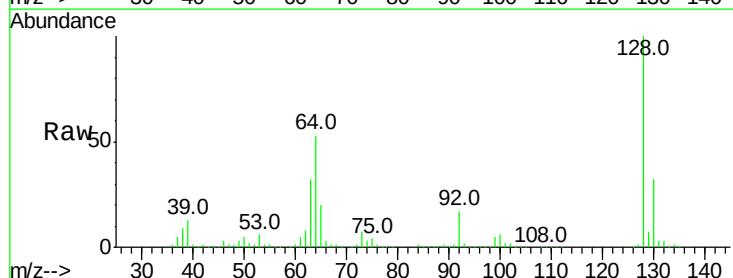
Tgt Ion:128 Resp: 561727

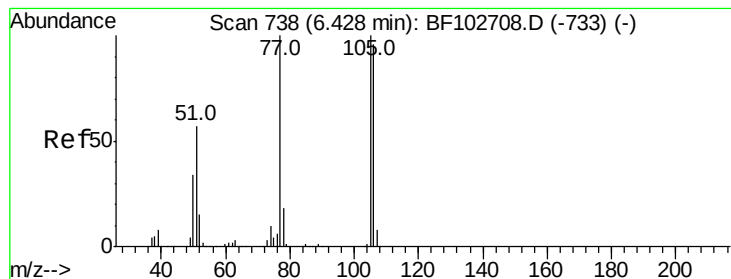
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 53.3 29.4 69.4





#9

Benzaldehyde

Concen: 20.595 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

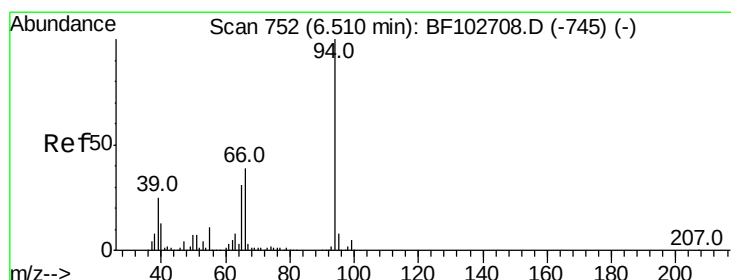
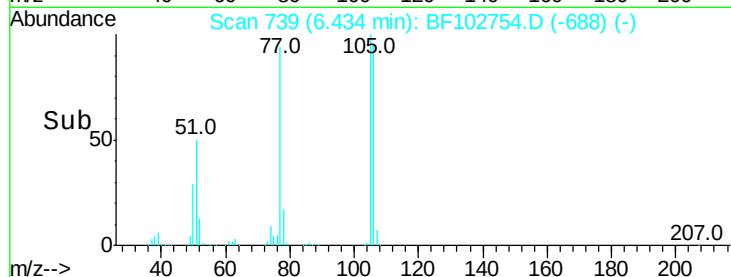
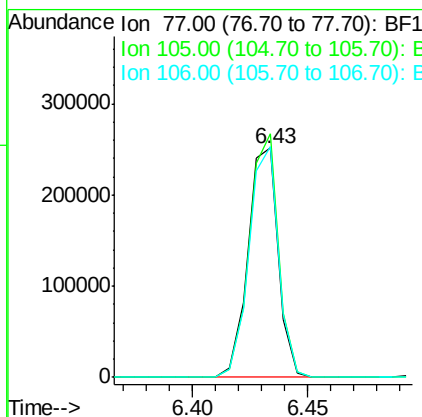
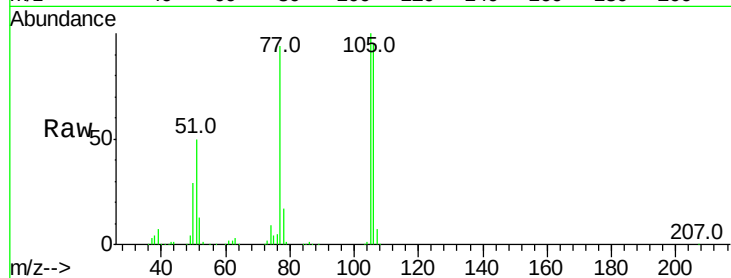
ClientSampleId :

PB106322BS

Tot Ion:	77	Resp:	230422
Ion	Ratio	Lower	Upper
77	100		
105	106.2	81.1	121.1
106	100.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 43.955 ng

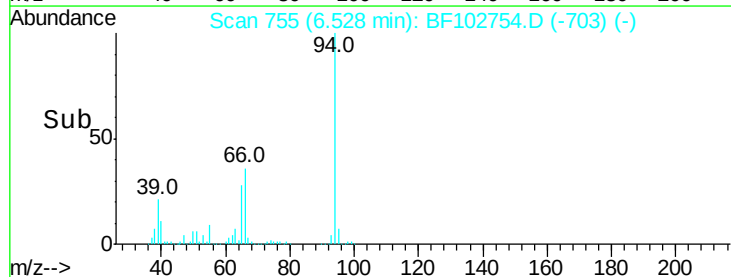
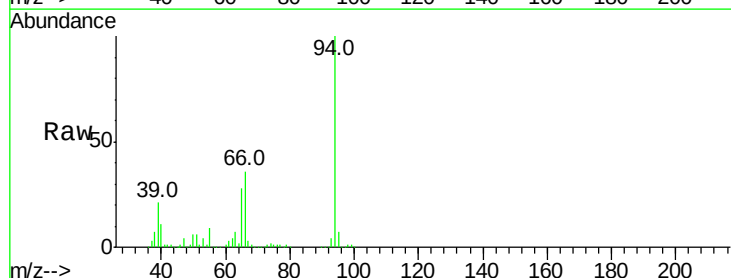
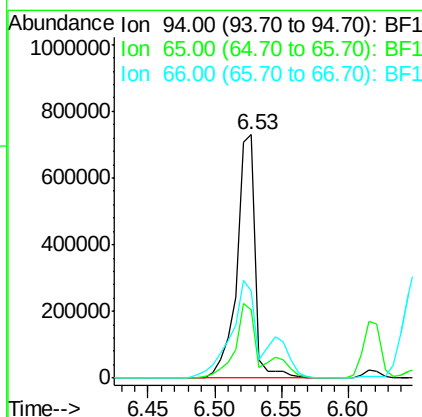
RT: 6.53 min Scan# 755

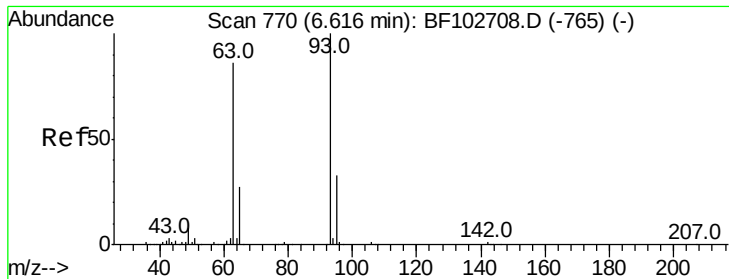
Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:	94	Resp:	709700
Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	35.7	16.2	56.2





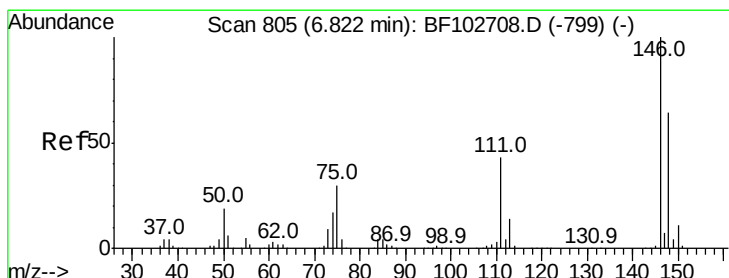
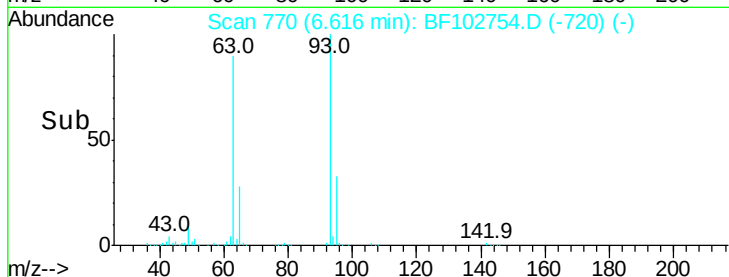
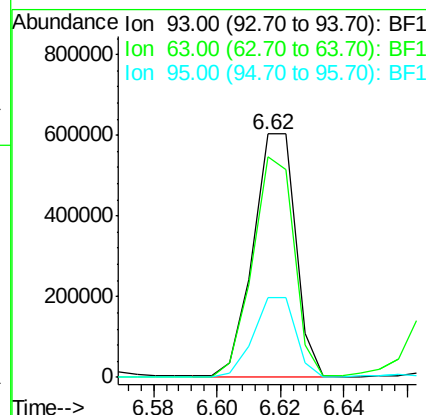
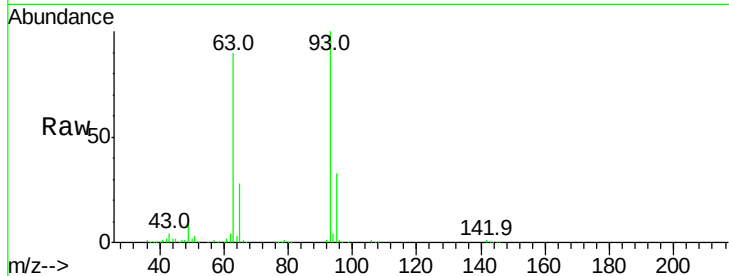
#11
bis(2-Chloroethyl)ether
Concen: 41.811 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	93	Resp	561734
Ion Ratio	100	Lower	Upper
93	100		
63	90.4	58.6	98.6
95	32.8	11.8	51.8

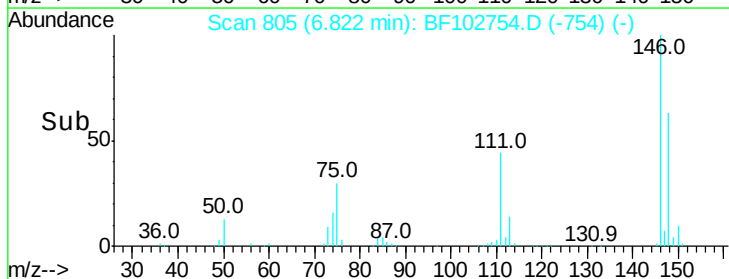
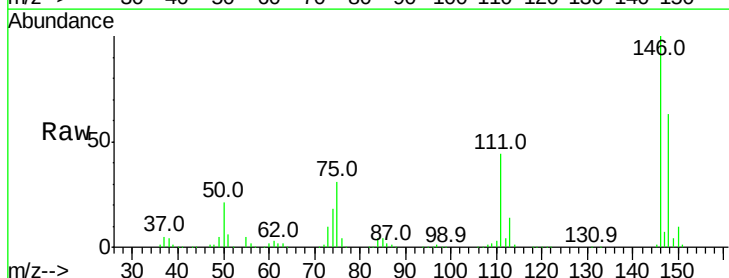
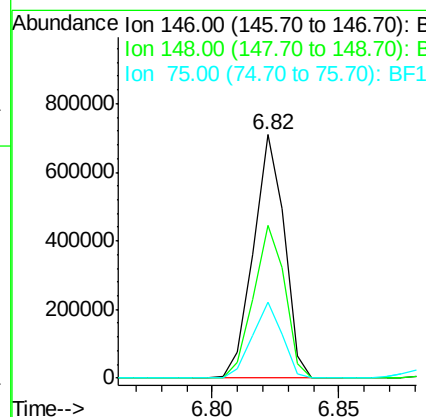
Manual Integrations
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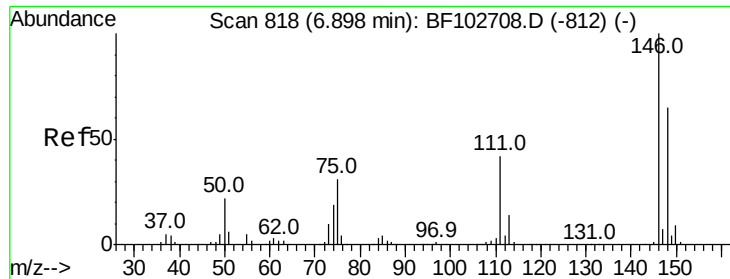
Sohil
2/6/2018 2:25:49 PM



#12
1,3-Dichlorobenzene
Concen: 40.469 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	146	Resp	603696
Ion Ratio	100	Lower	Upper
146	100		
148	62.5	51.8	77.8
75	31.3	24.2	36.4





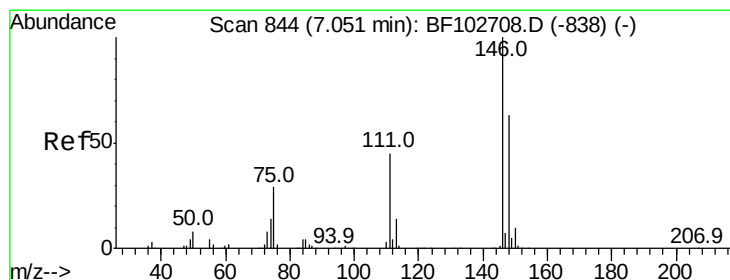
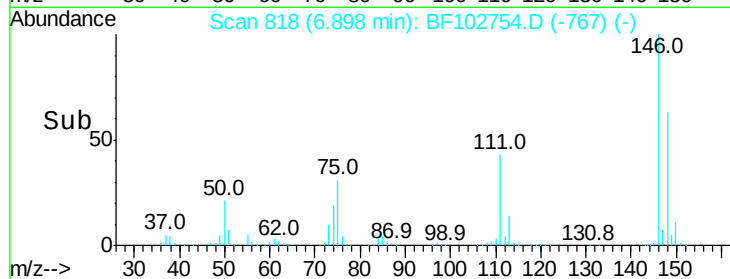
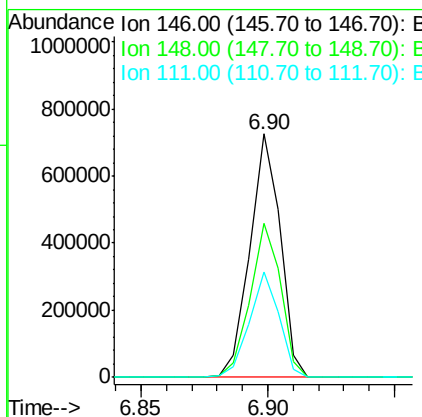
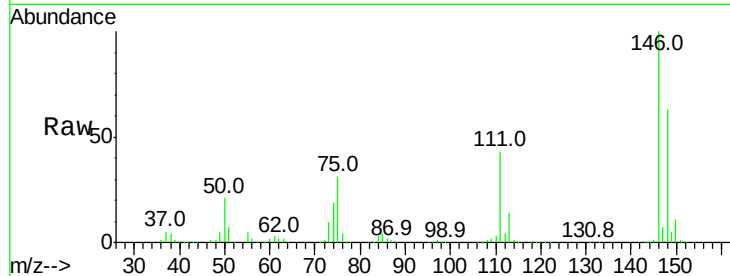
#13
 1,4-Dichlorobenzene
 Concen: 40.742 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	43.0	34.2	51.2

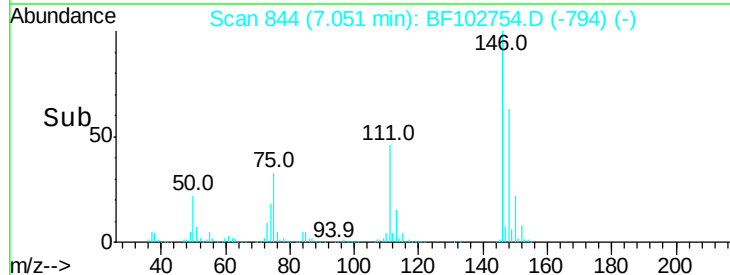
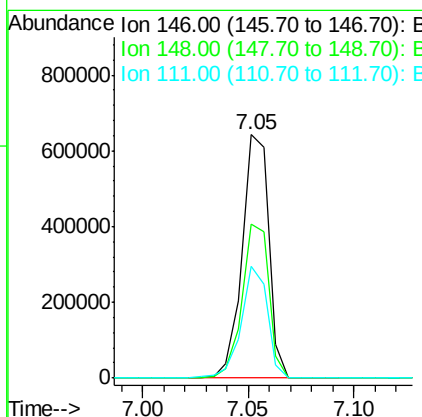
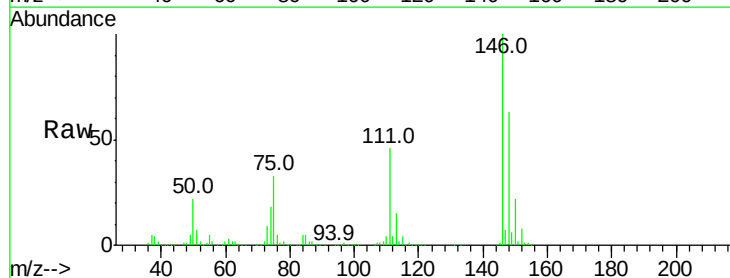
Manual Integrations
 APPROVED

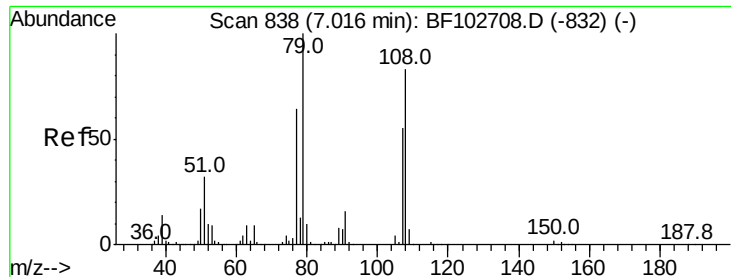
Sohil
 2/6/2018 2:25:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.518 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	46.0	36.0	54.0





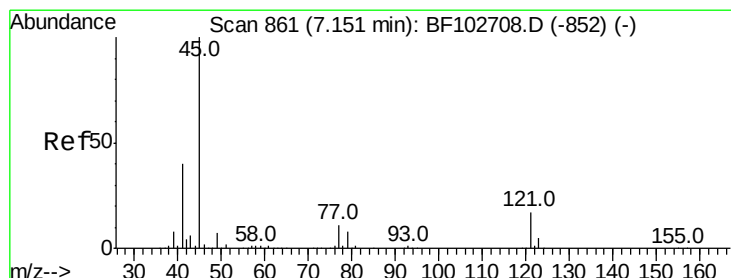
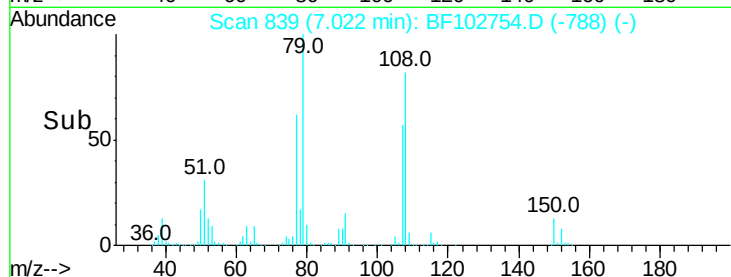
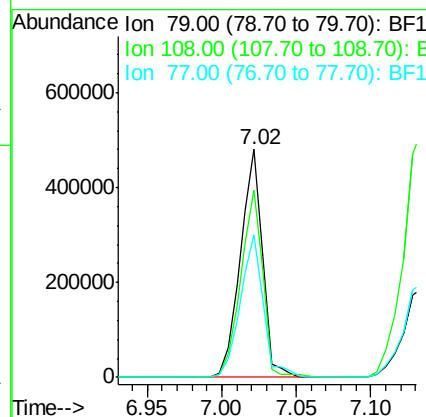
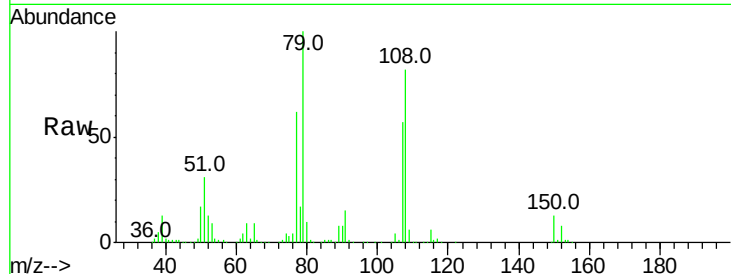
#15
Benzyl Alcohol
Concen: 43.030 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	65.1	97.7
77	62.4	50.6	75.8

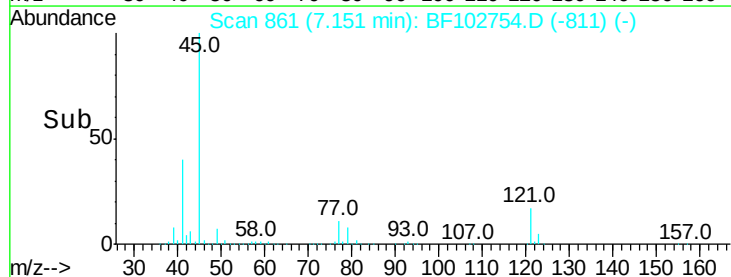
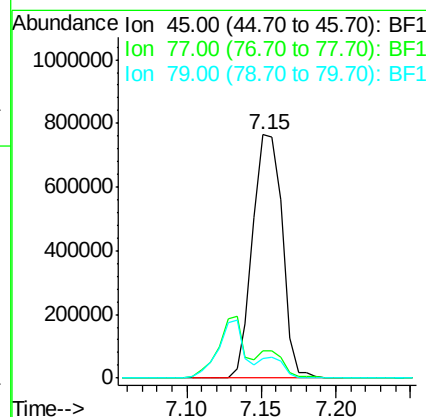
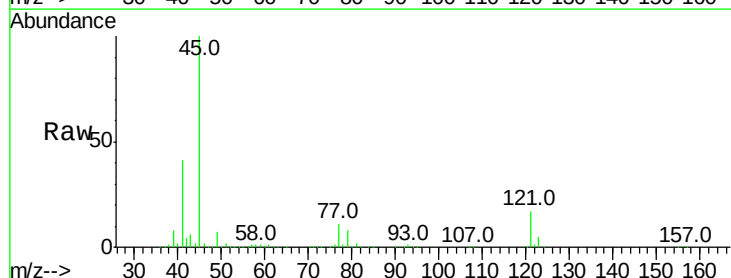
Manual Integrations
APPROVED

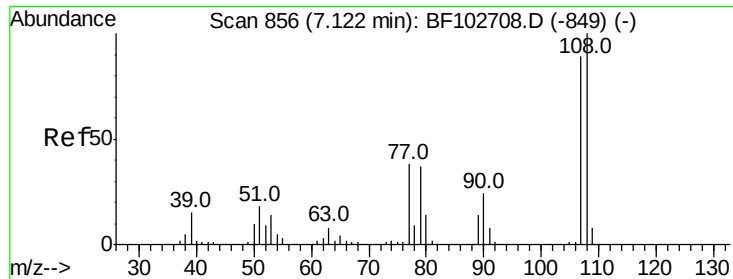
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.812 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	32.9
79	8.3	0.0	29.6





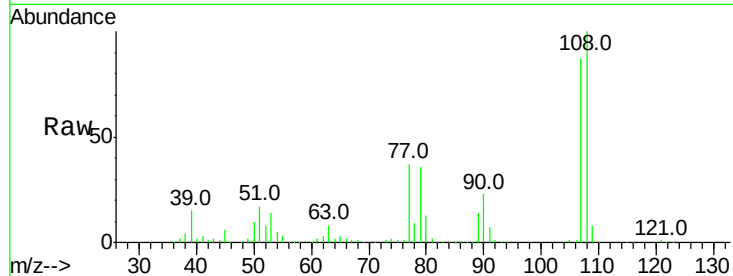
#17
2-Methylphenol
Concen: 41.826 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

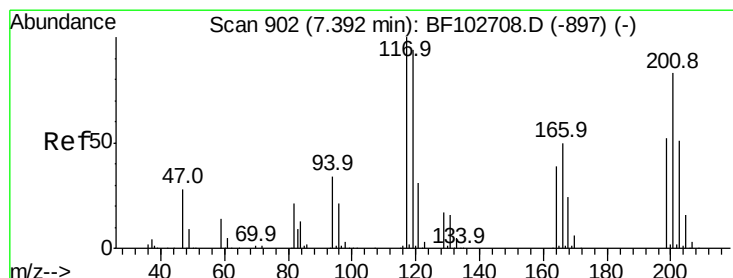
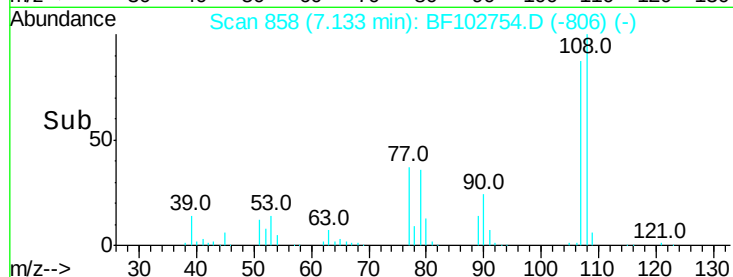
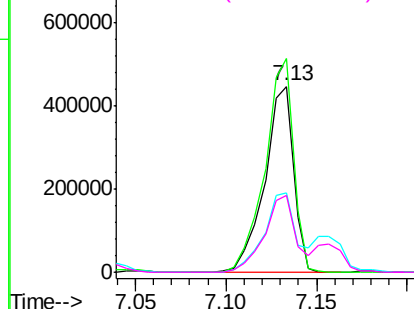
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.7	137.5	
77	43.0	33.8	50.8	
79	40.9	33.8	50.8	

Manual Integrations
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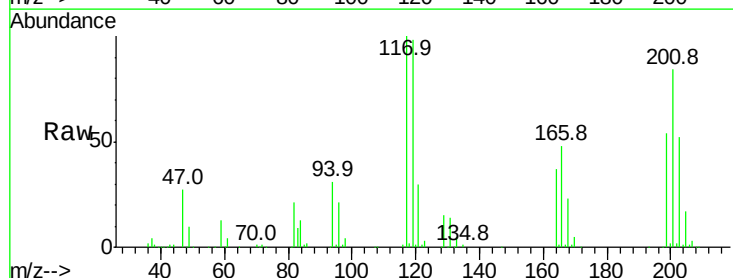


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

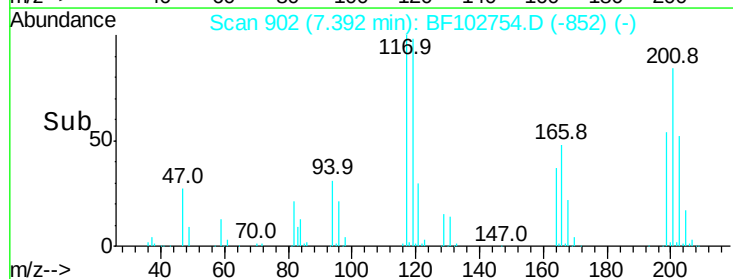
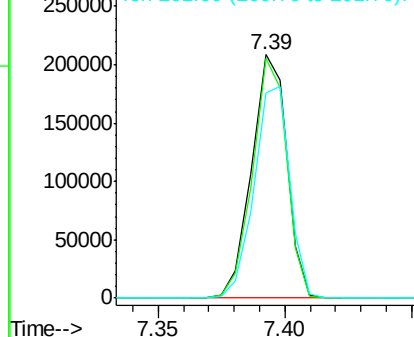


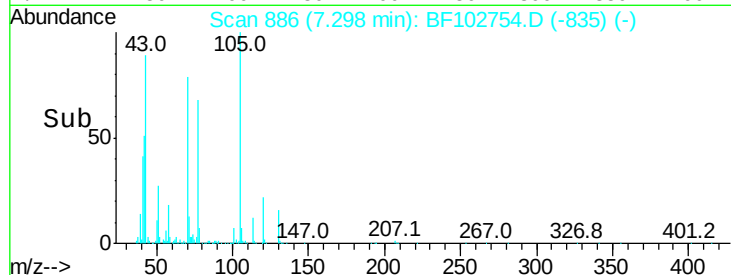
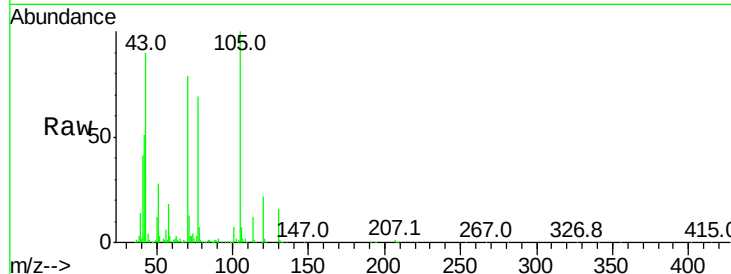
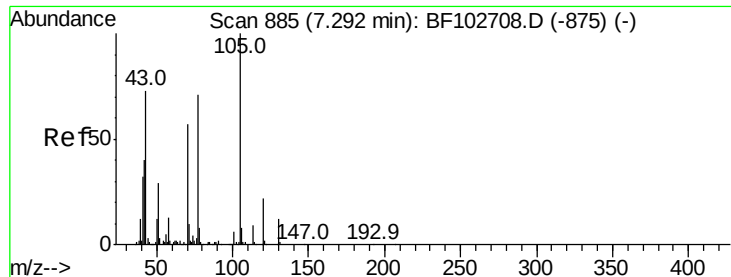
#18
Hexachloroethane
Concen: 39.802 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	75.8	113.8	
201	84.1	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





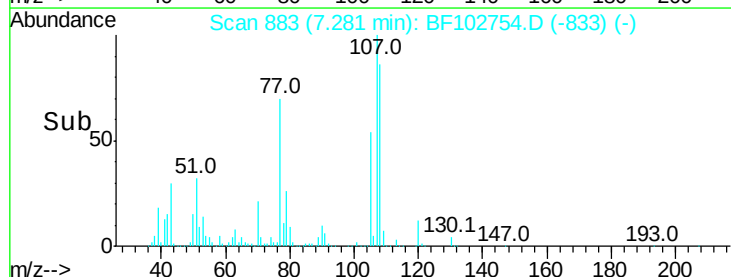
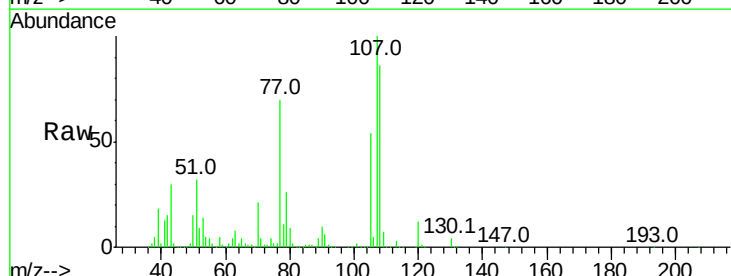
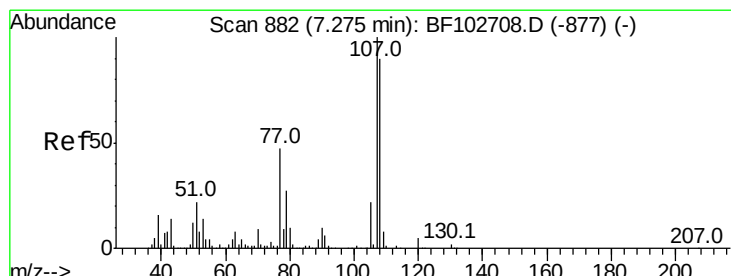
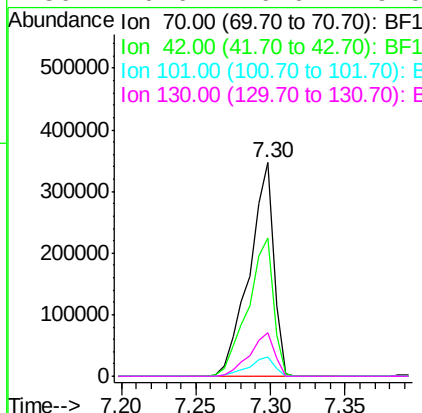
#19
n-Nitroso-di-n-propylamine
Concen: 39.513 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	70	Resp	392498
Ion Ratio	Lower	Upper	
70	100		
42	64.6	47.5	71.3
101	9.2	7.4	11.2
130	20.6	16.6	25.0

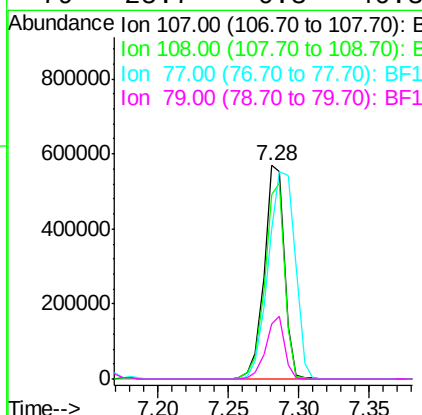
Manual Integrations
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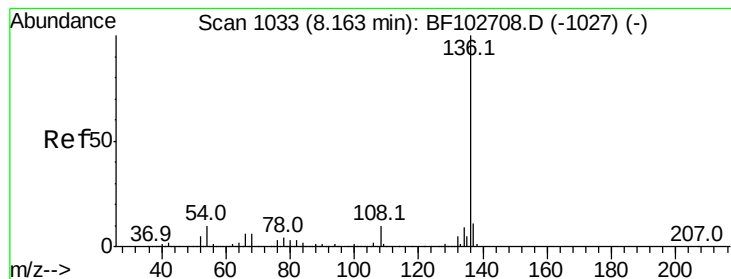
Sohil
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#20
3+4-Methylphenols
Concen: 39.548 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	107	Resp	579493
Ion Ratio	Lower	Upper	
107	100		
108	86.4	68.2	108.2
77	70.3	26.7	66.7#
79	25.7	6.3	46.3





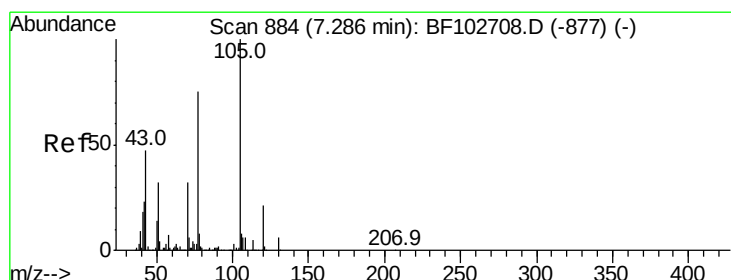
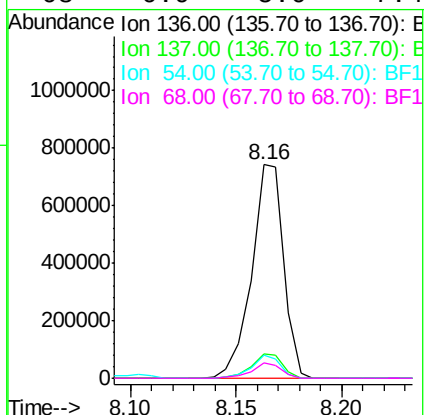
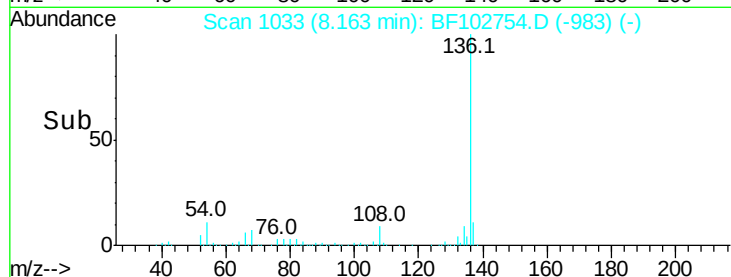
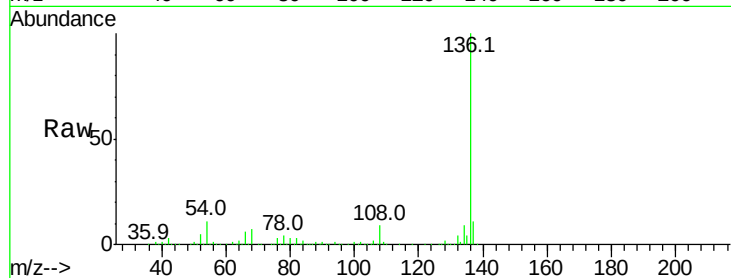
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.6	6.6	9.8
68	6.9	5.0	7.4

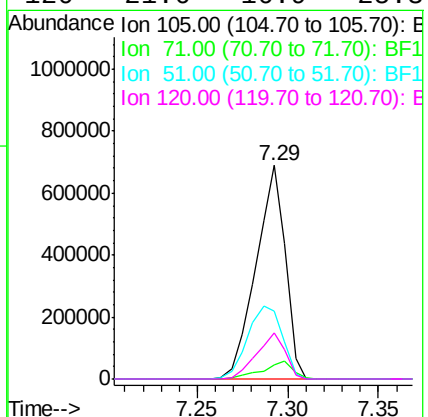
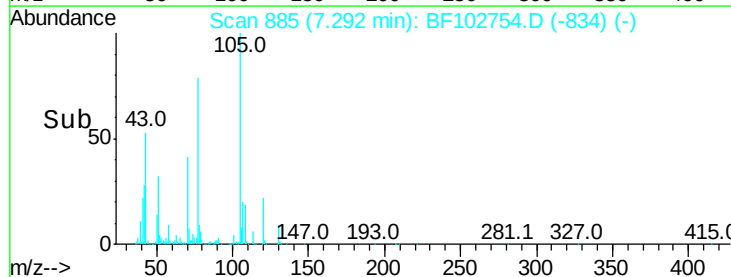
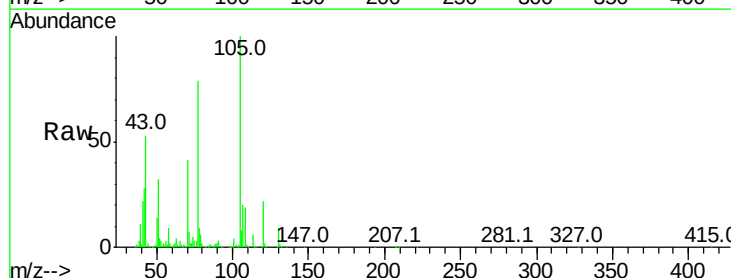
Manual Integrations
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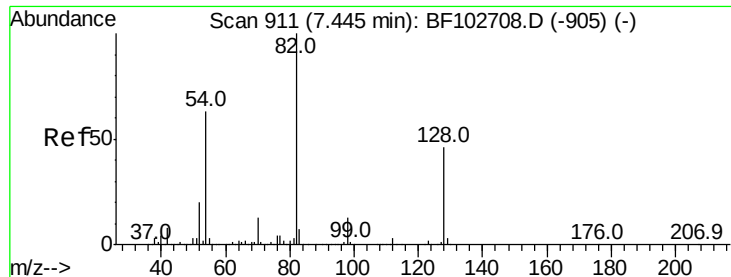
Sohil
2/6/2018 2:25:49 PM



#22
Acetophenone
Concen: 40.318 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.6	4.4	6.6
51	32.0	22.3	33.5
120	21.6	16.9	25.3





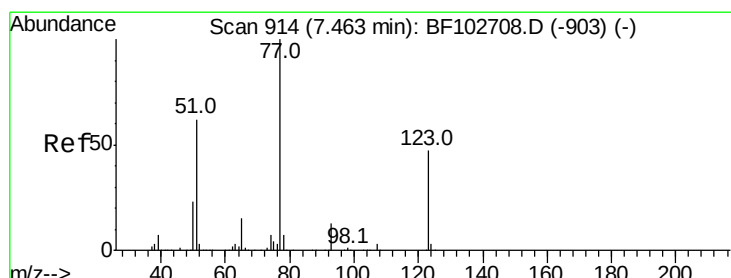
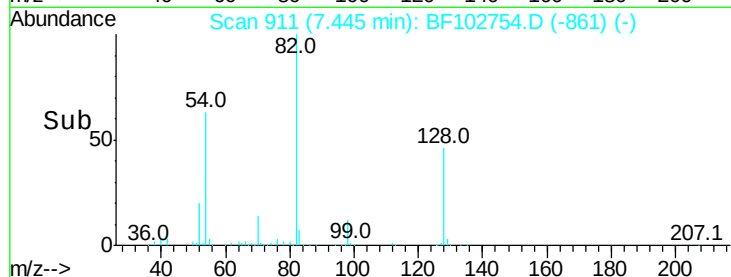
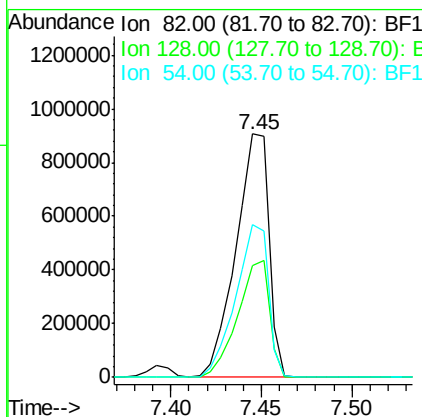
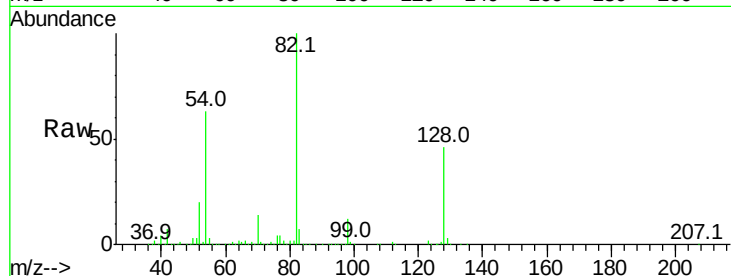
#23
Nitrobenzene-d5
Concen: 101.820 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	62.9	41.4	62.2

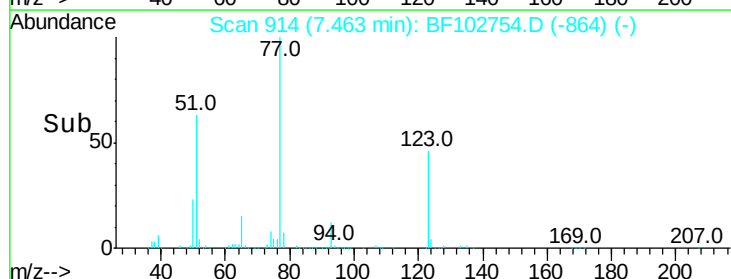
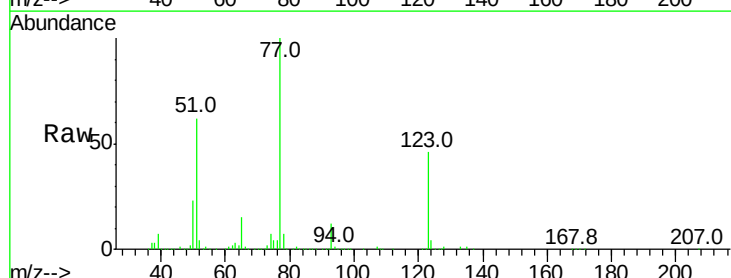
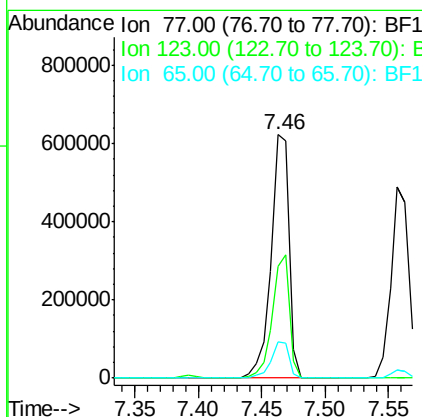
Manual Integrations
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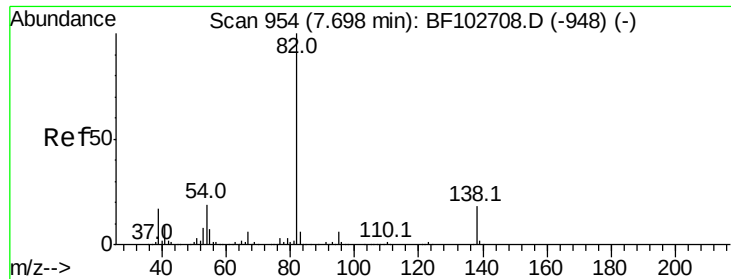
Sohil
2/6/2018 2:25:49 PM



#24
Nitrobenzene
Concen: 45.611 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.9	56.9
65	15.1	11.0	16.4





#25

Isophorone

Concen: 43.593 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

PB106322BS

Tot Ion: 82 Resp: 1135629

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

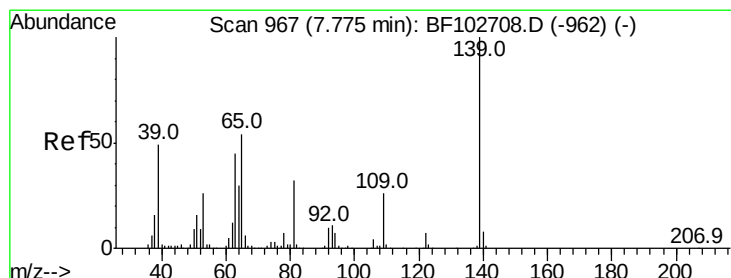
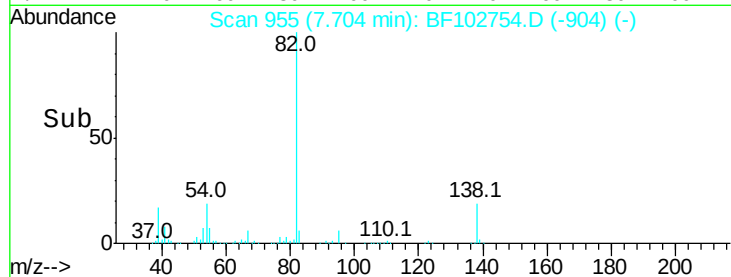
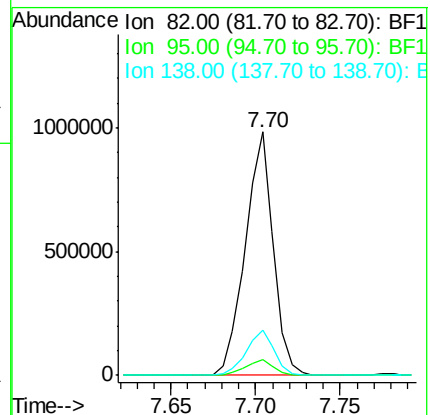
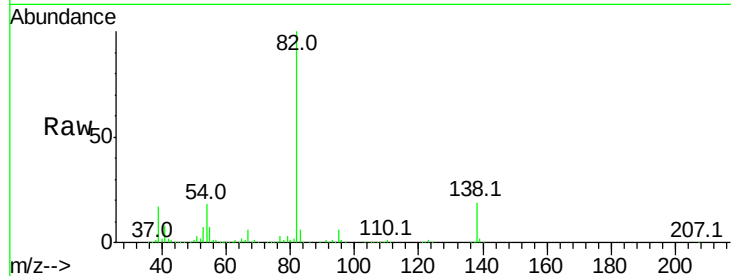
138 18.5 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.012 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

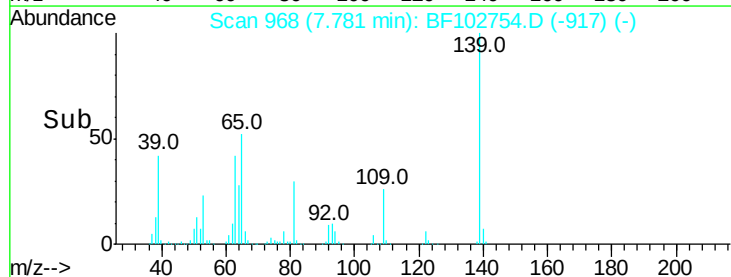
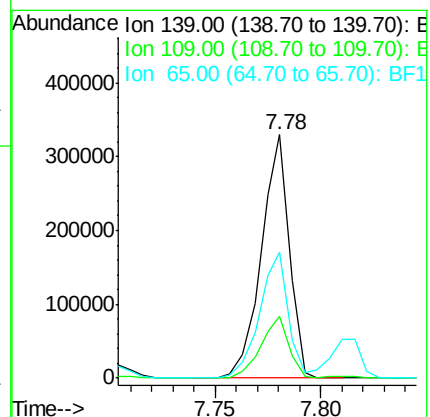
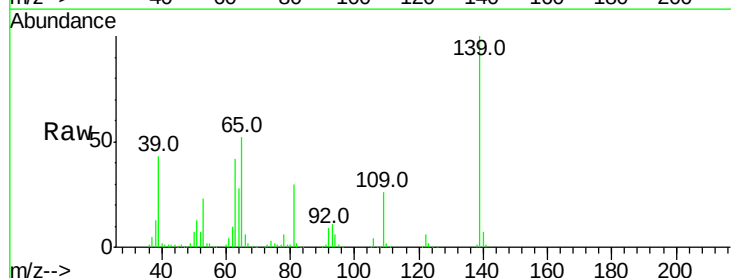
Tgt Ion: 139 Resp: 302537

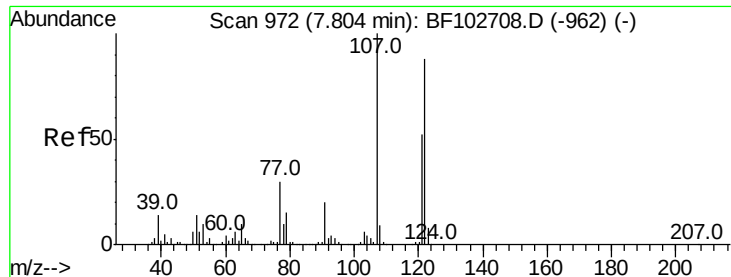
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 51.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.816 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

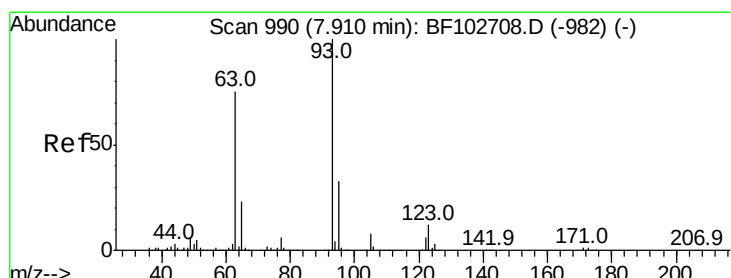
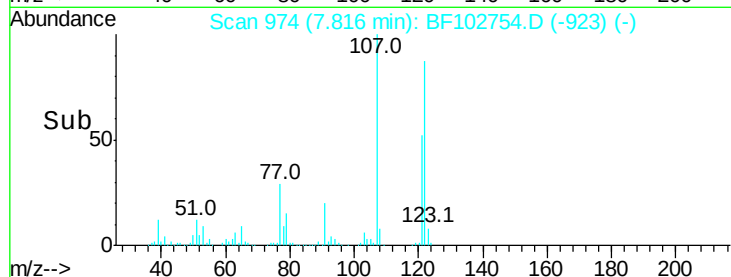
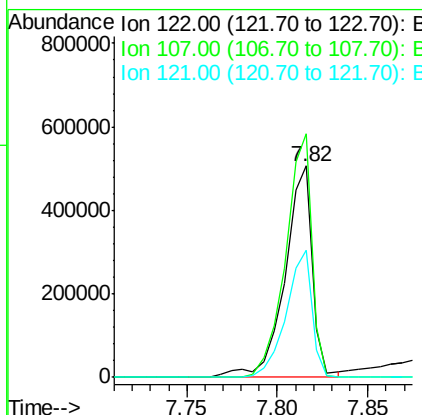
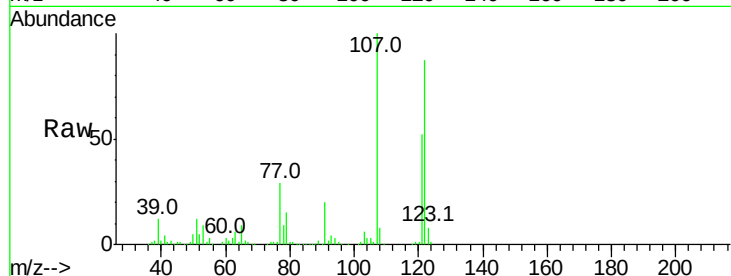
ClientSampleId :

PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	537262		
107	115.1	91.2	136.8	
121	59.9	47.2	70.8	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 45.638 ng

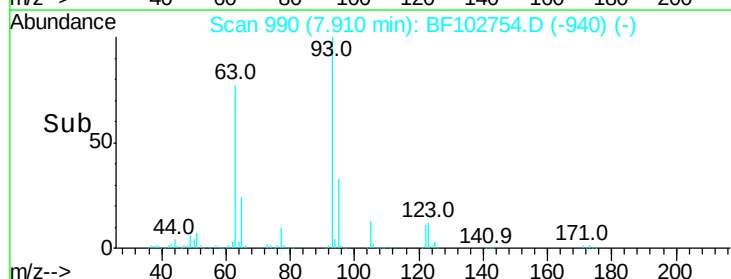
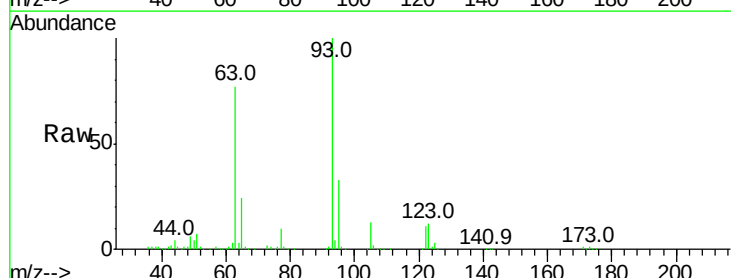
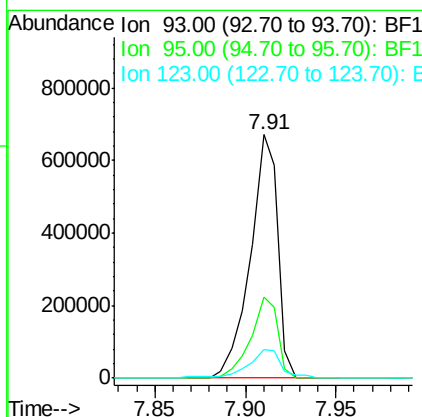
RT: 7.91 min Scan# 990

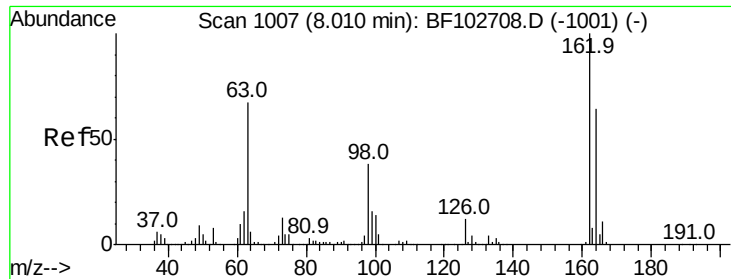
Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	704292		
95	33.2	26.3	39.5	
123	11.8	9.8	14.6	





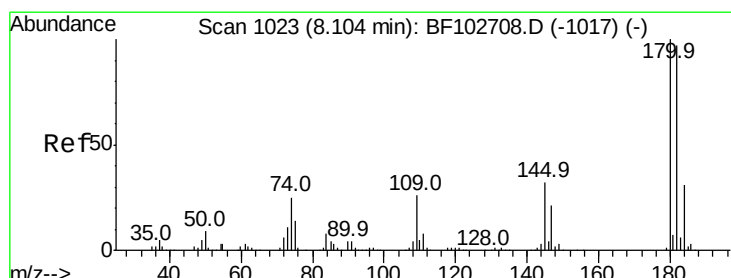
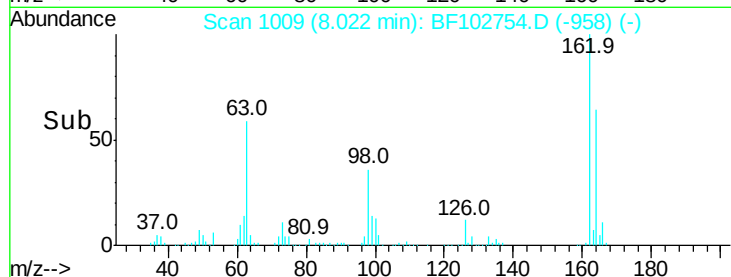
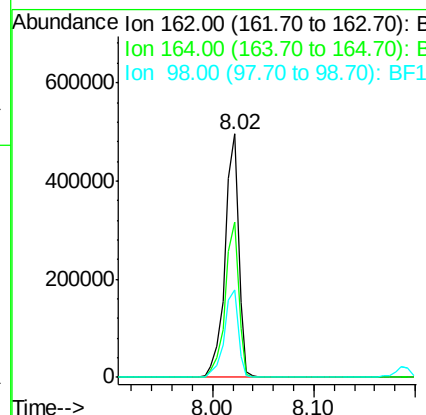
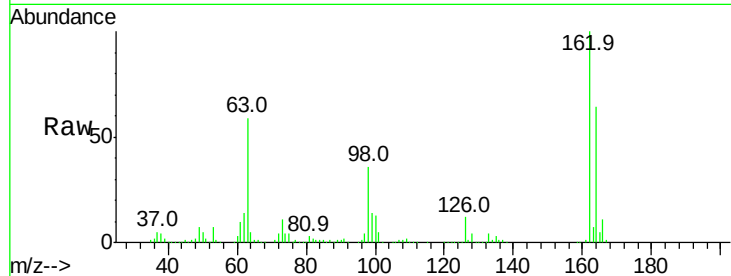
#29
 2,4-Dichlorophenol
 Concen: 46.495 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	465193		
164	64.0		42.7	82.7
98	35.8		18.1	58.1

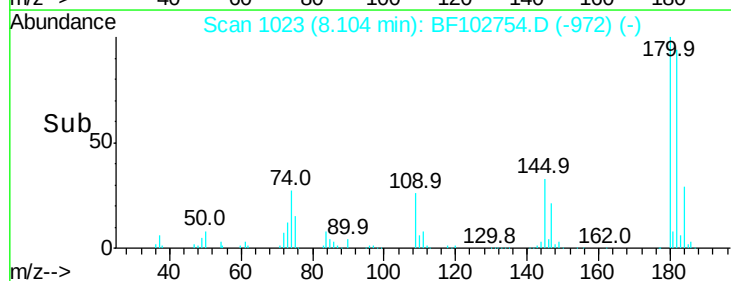
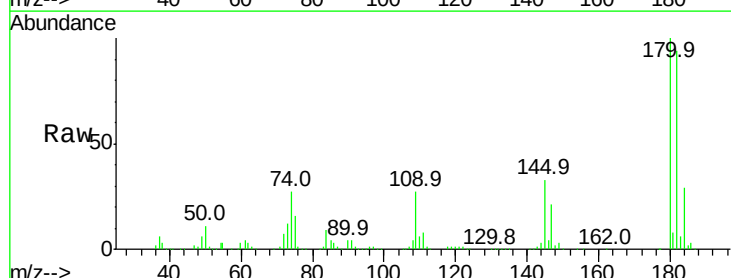
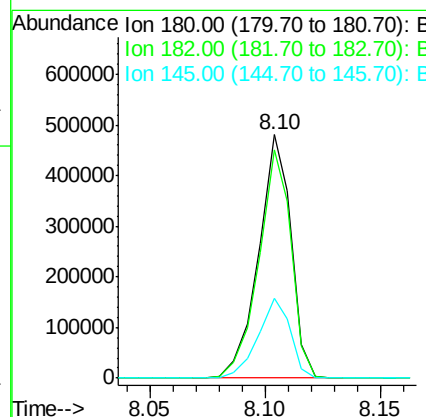
Manual Integrations
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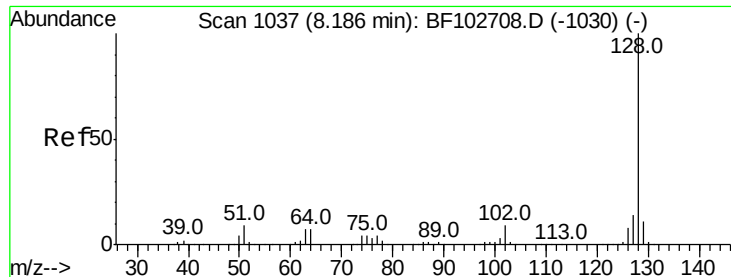
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.486 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	469563		
182	93.6		76.8	115.2
145	32.8		26.5	39.7





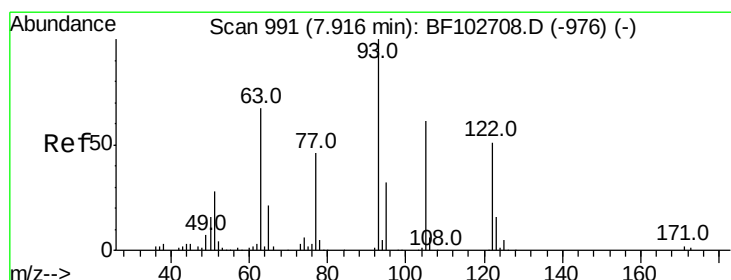
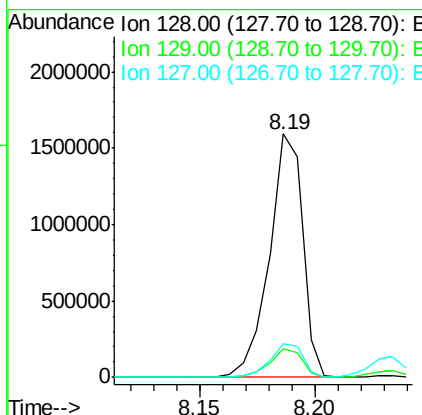
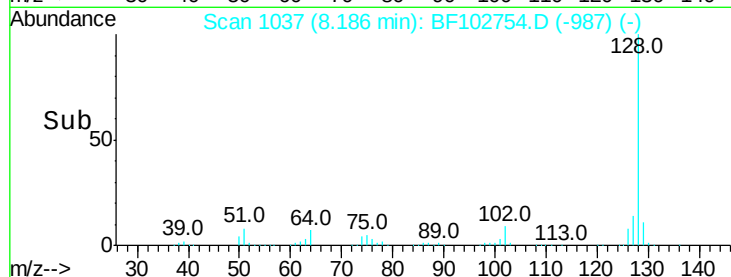
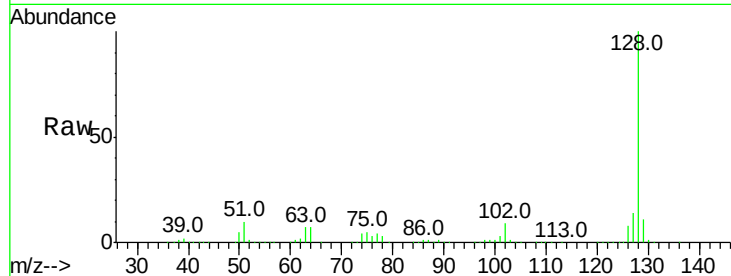
#31
Naphthalene
Concen: 41.561 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion:128 Resp: 1593640
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.9 10.9 16.3

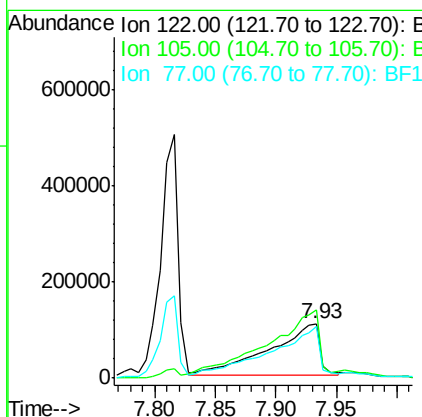
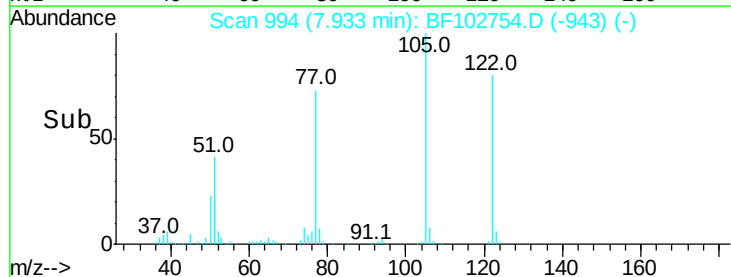
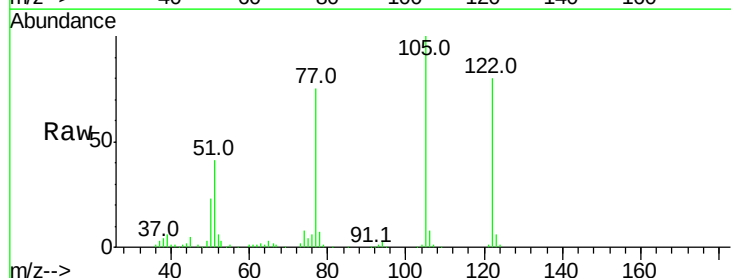
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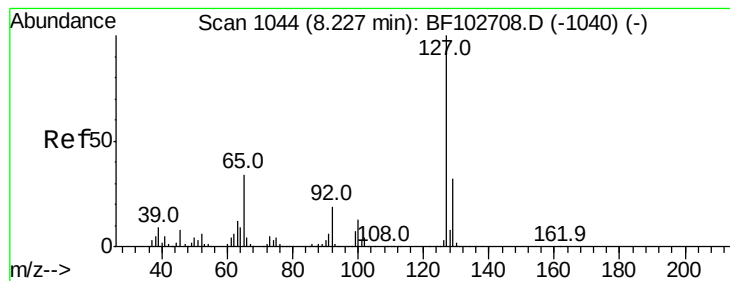
Sohil
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#32
Benzoic acid
Concen: 42.962 ng m
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:122 Resp: 319212
Ion Ratio Lower Upper
122 100
105 125.4 101.1 141.1
77 93.7 70.7 110.7





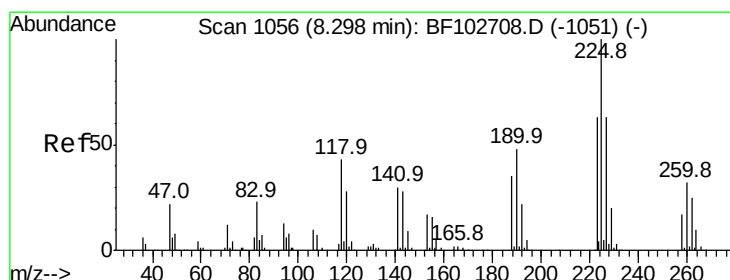
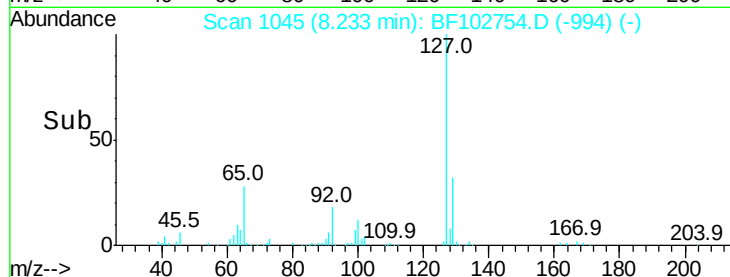
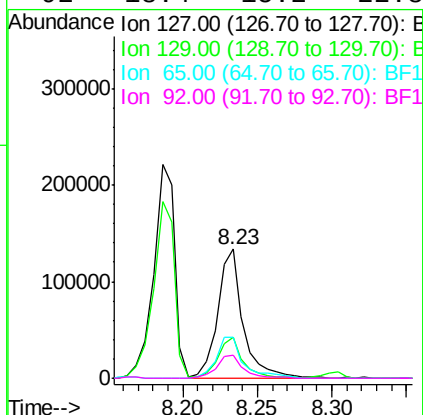
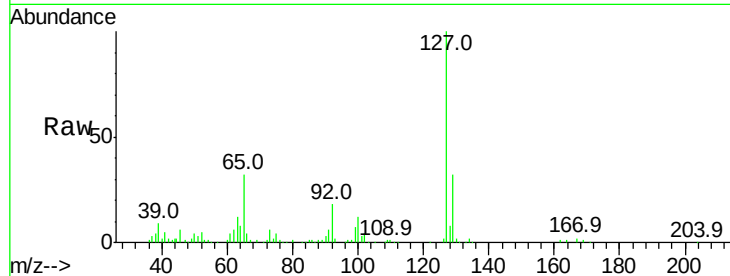
#33
4-Chloroaniline
Concen: 9.544 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		157650		
129	32.1	25.9	38.9		
65	31.7	25.0	37.4		
92	18.4	15.2	22.8		

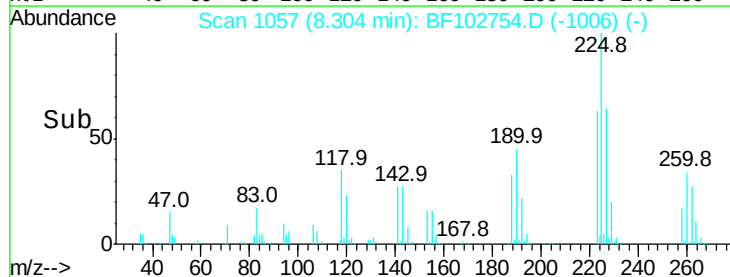
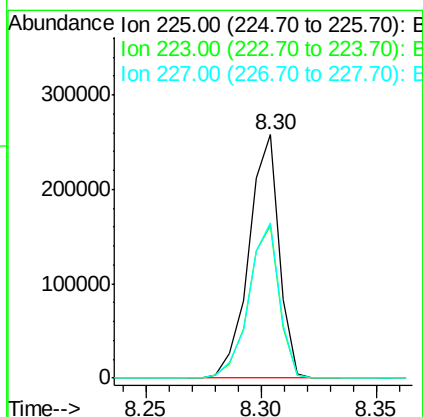
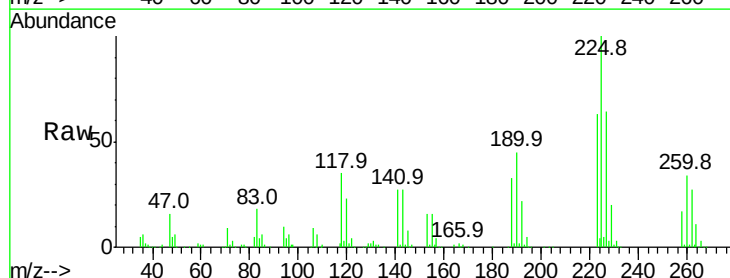
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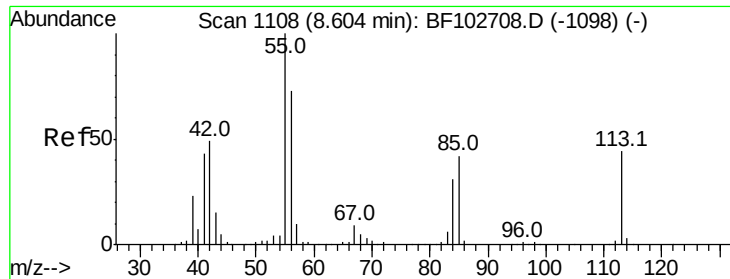
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#34
Hexachlorobutadiene
Concen: 40.792 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		236593		
223	63.0	50.6	76.0		
227	64.0	51.9	77.9		





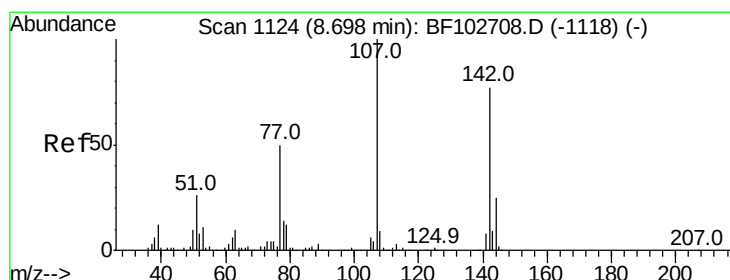
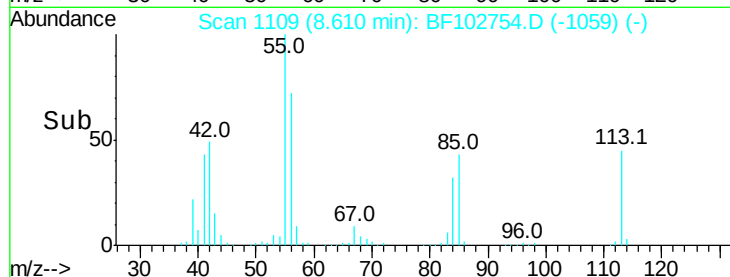
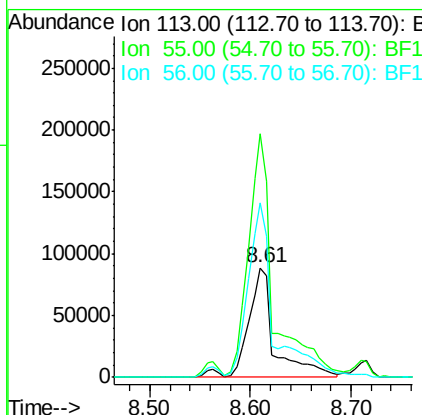
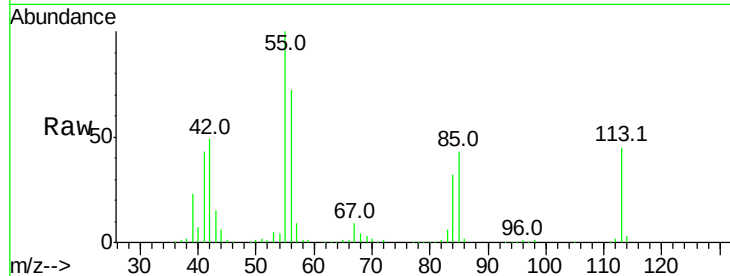
#35
 Caprolactam
 Concen: 46.909 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.7	163.3	203.3#
56	159.6	115.7	155.7#

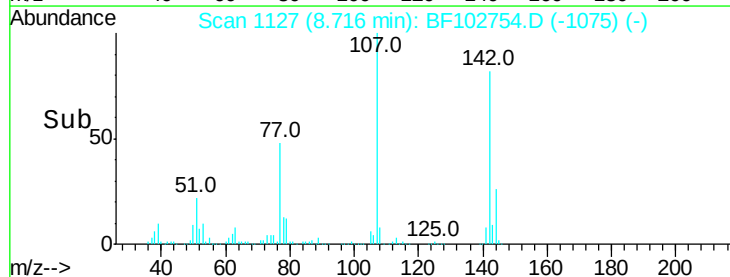
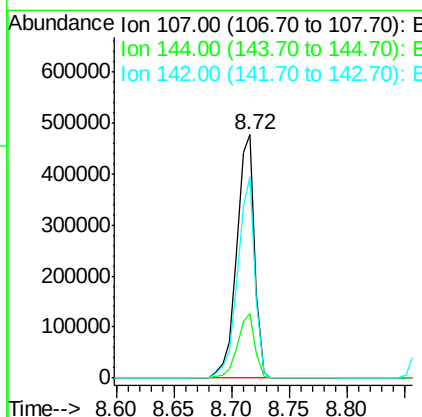
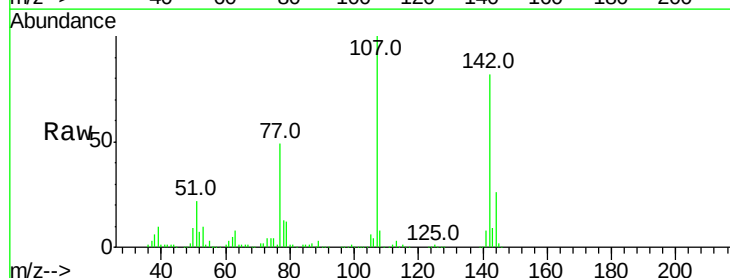
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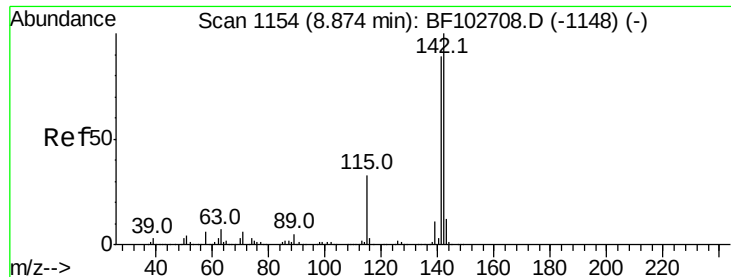
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#36
 4-Chloro-3-methylphenol
 Concen: 45.378 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	82.5	62.0	93.0





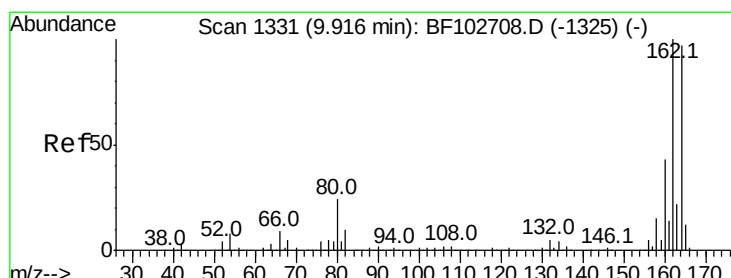
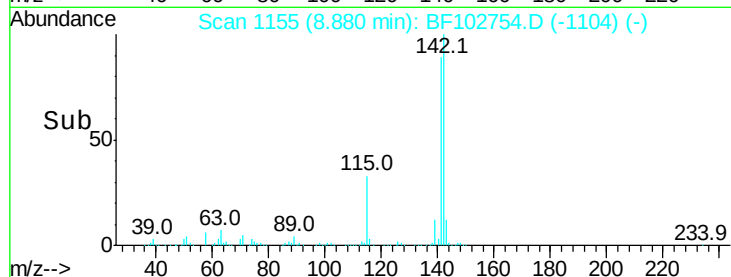
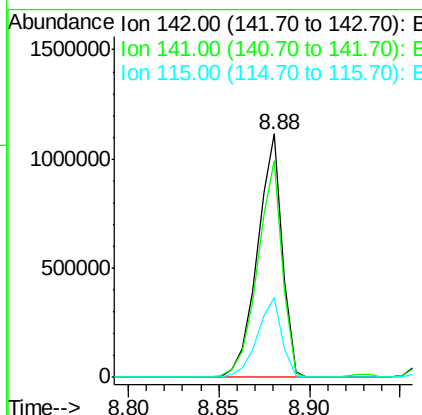
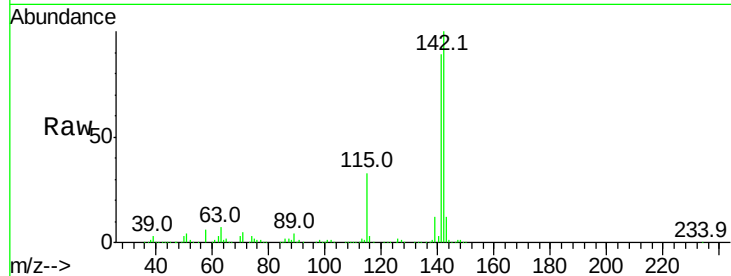
#37
2-Methylnaphthalene
Concen: 42.072 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	32.8	26.1	39.1

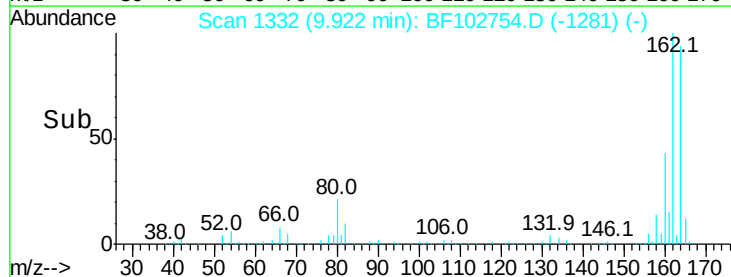
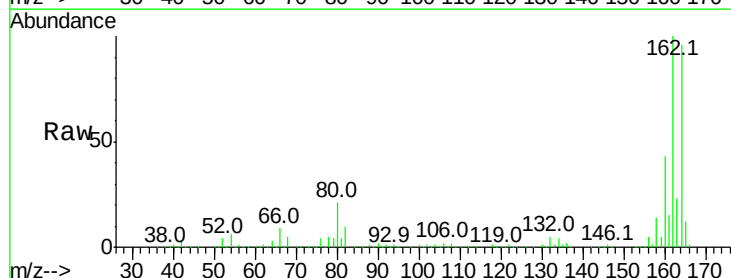
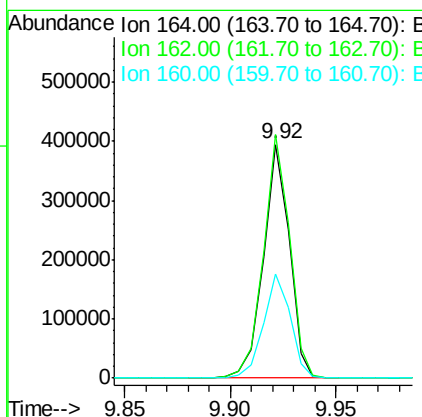
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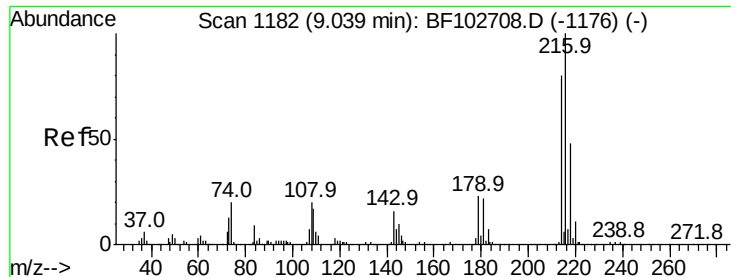
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	44.4	38.3	57.5





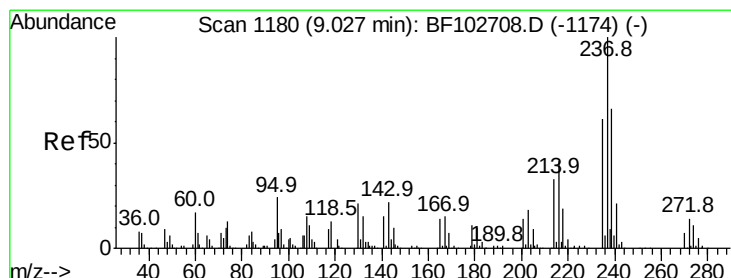
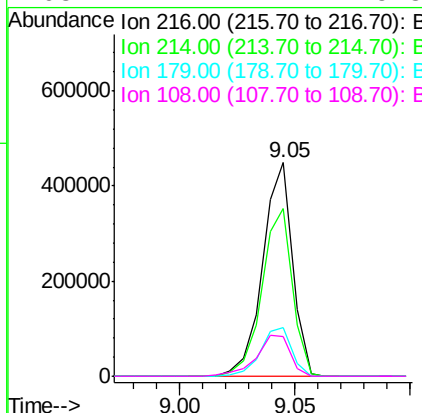
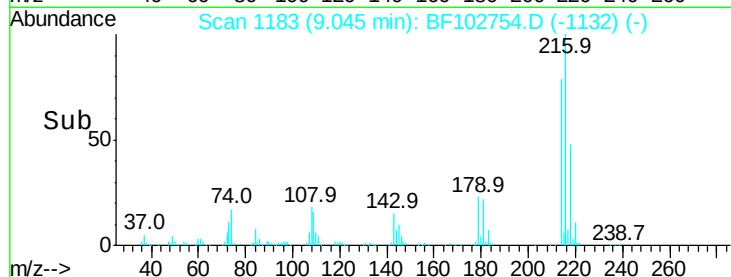
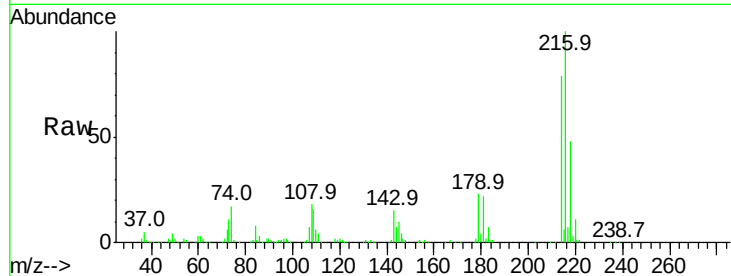
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.794 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	404762		
214	80.1	63.0	94.4	
179	23.6	18.1	27.1	
108	22.2	17.2	25.8	

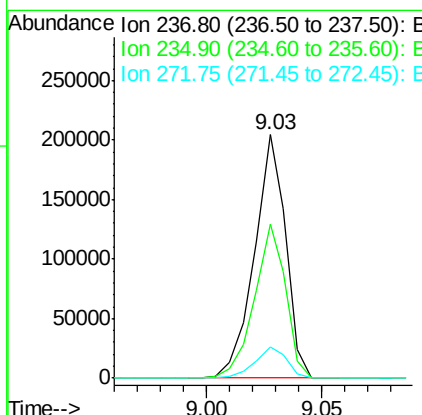
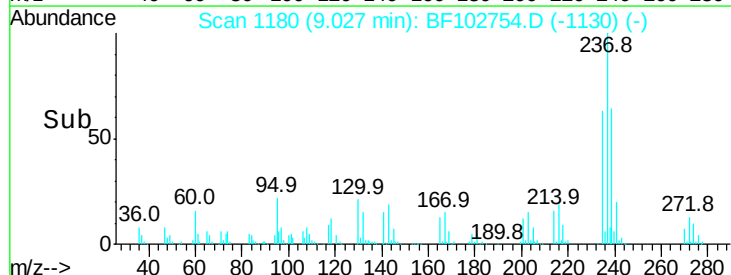
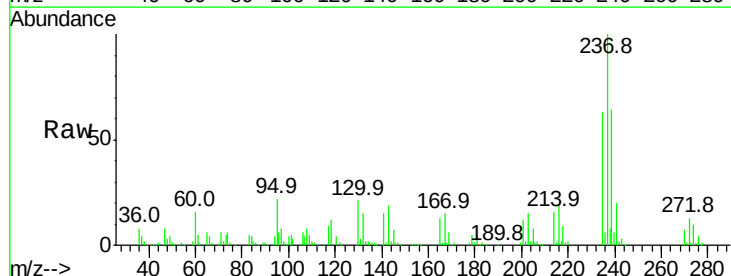
Manual Integrations
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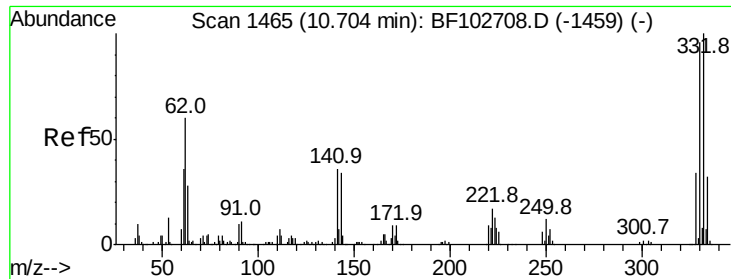
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#40
 Hexachlorocyclopentadiene
 Concen: 43.967 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	193171		
235	63.0	44.8	84.8	
272	12.6	0.0	33.3	





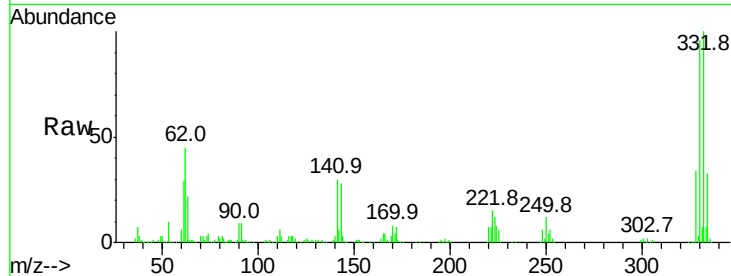
#41
 2,4,6-Tribromophenol
 Concen: 127.248 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.6	77.0	115.6	
141	38.1	29.9	44.9	

Manual Integrations
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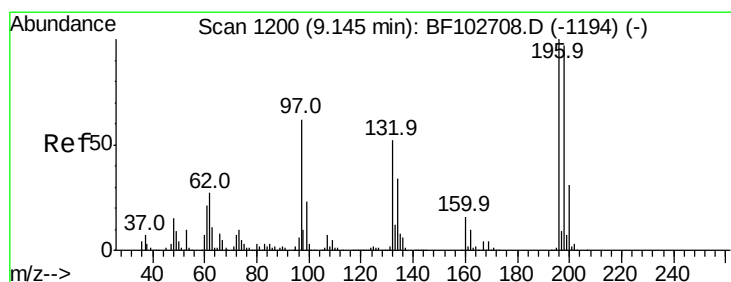
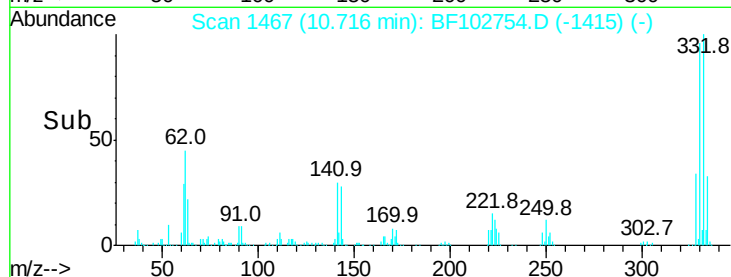
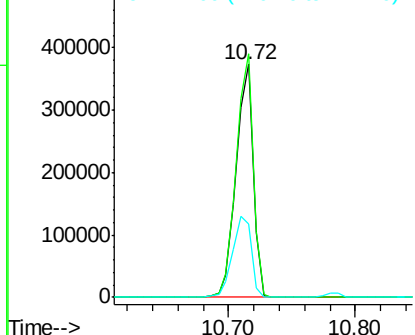


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.525 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

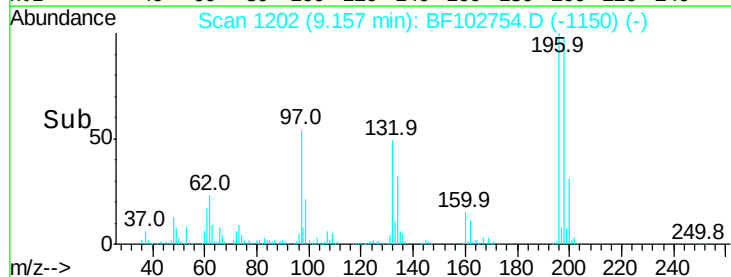
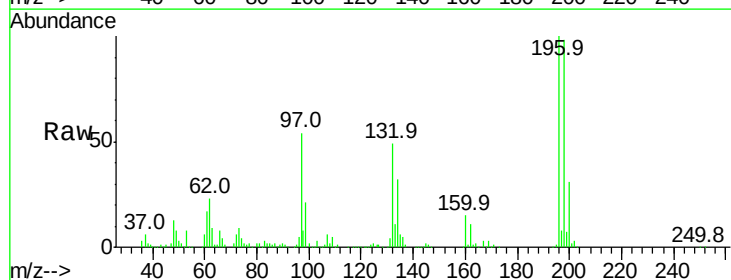
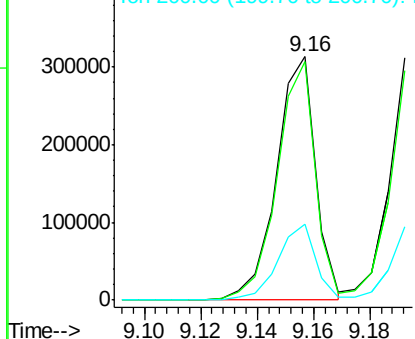
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	75.7	113.5	
200	31.4	24.5	36.7	

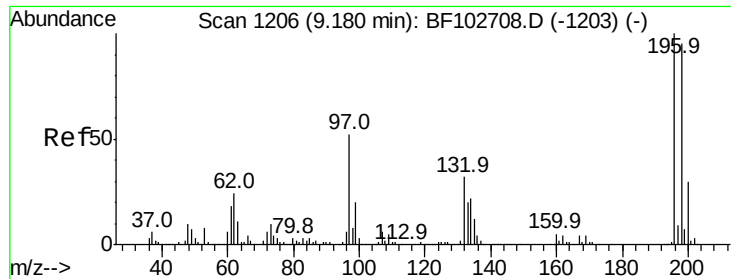
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





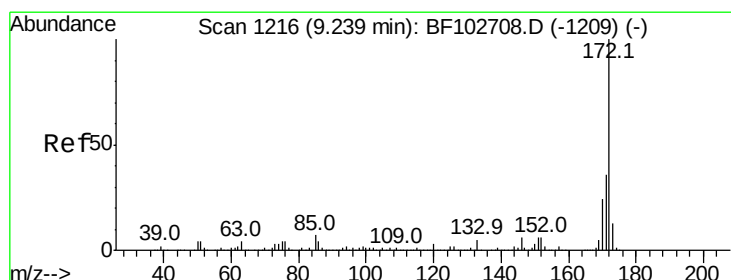
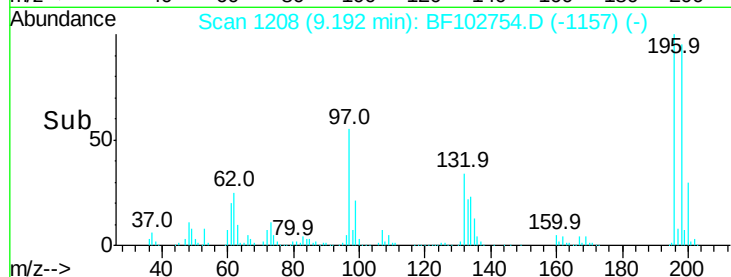
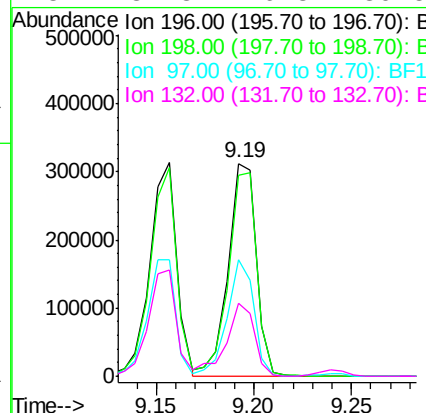
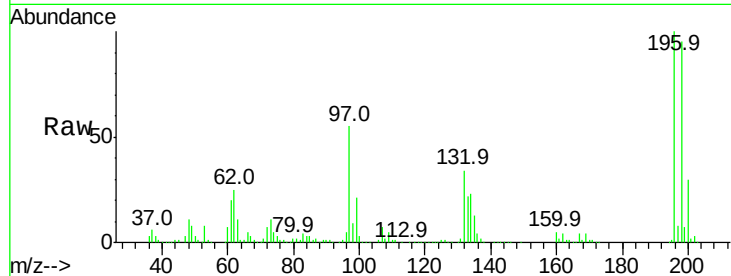
#43
 2,4,5-Trichlorophenol
 Concen: 45.575 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	311833		
198	94.6	74.6	112.0	
97	54.7	42.9	64.3	
132	34.3	26.3	39.5	

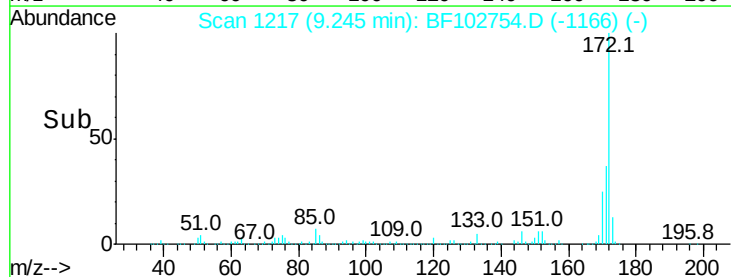
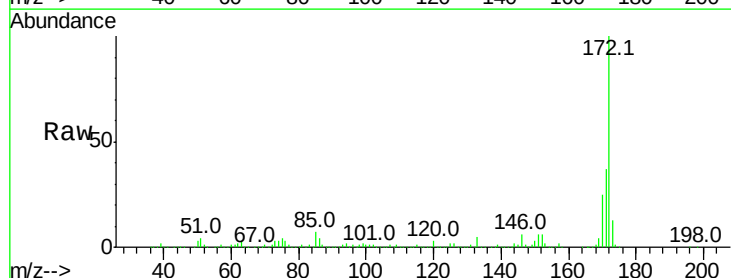
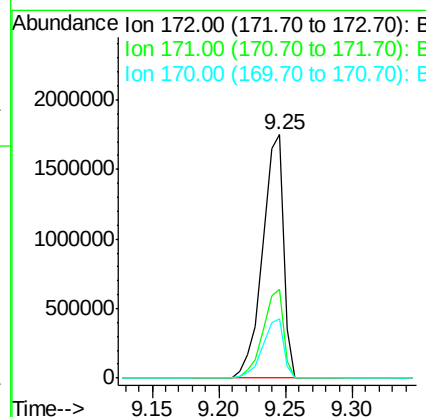
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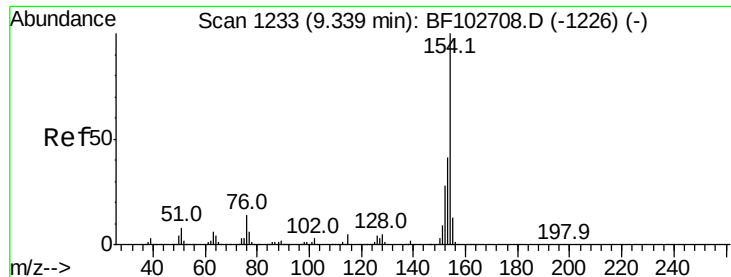
Sohil
 2/6/2018 2:25:49 PM



#44
 2-Fluorobiphenyl
 Concen: 91.542 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1872582		
171	36.5	29.7	44.5	
170	24.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 42.124 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

PB106322BS

Tot Ion:154 Resp: 1204328

Ion Ratio Lower Upper

154 100

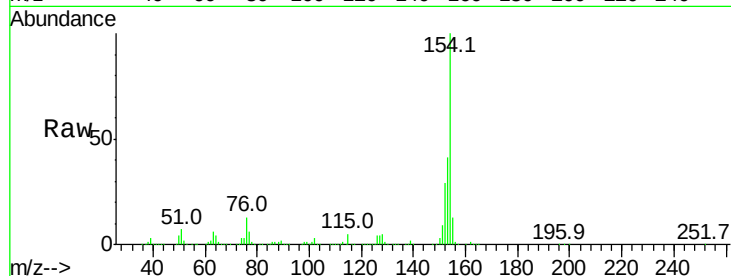
153 40.8 21.3 61.3

76 13.2 0.0 34.0

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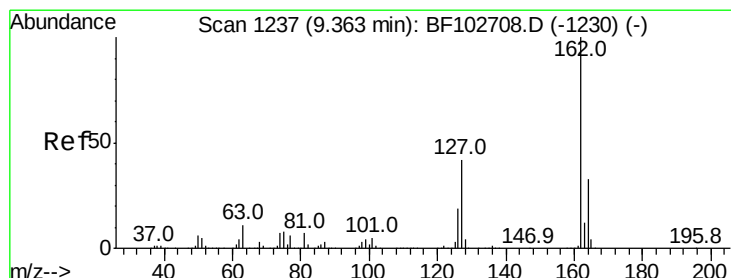
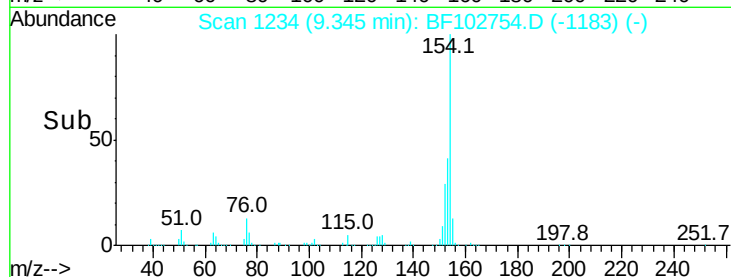
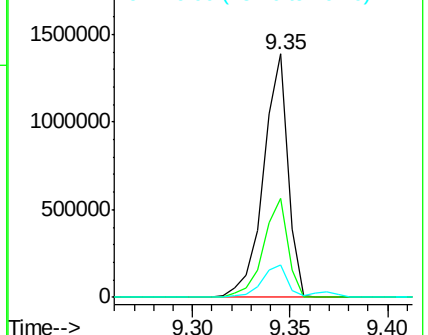
2/6/2018 2:25:49 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.062 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

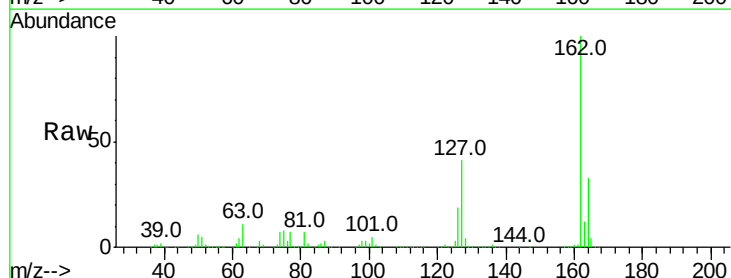
Tgt Ion:162 Resp: 946727

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

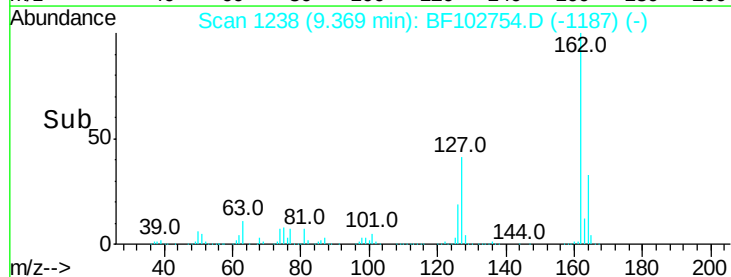
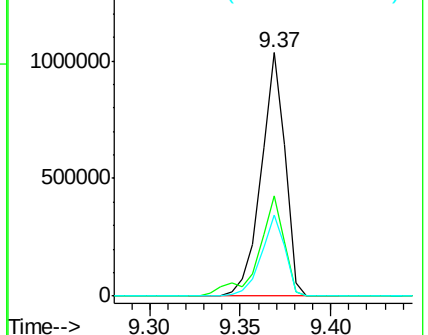
164 33.2 26.5 39.7

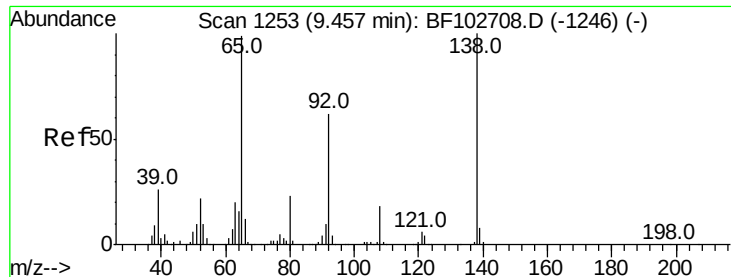


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.000 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

PB106322BS

Tot Ion: 65 Resp: 340868

Ion Ratio Lower Upper

65 100

92 62.1 55.8 83.6

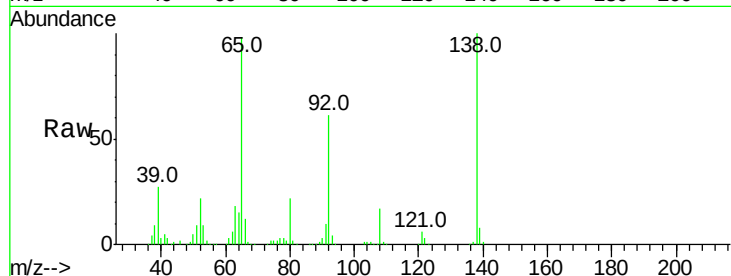
138 101.9 91.2 136.8

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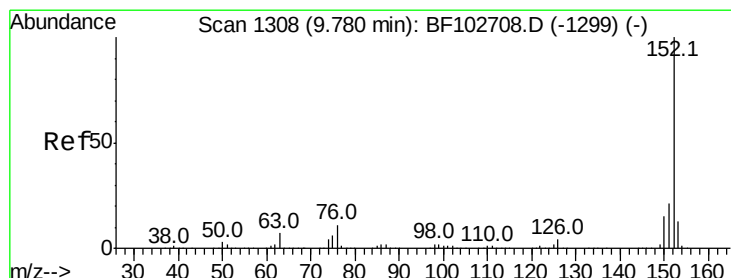
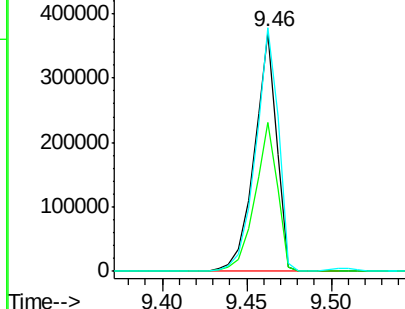
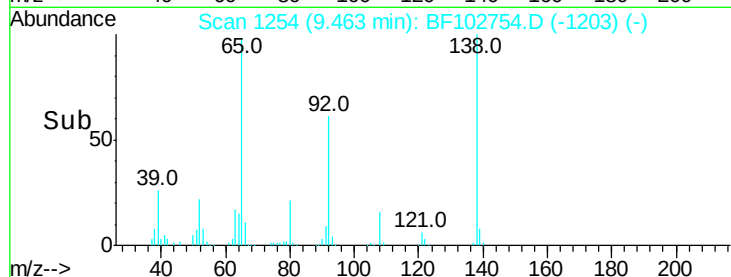
2/6/2018 2:25:49 PM



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 40.323 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

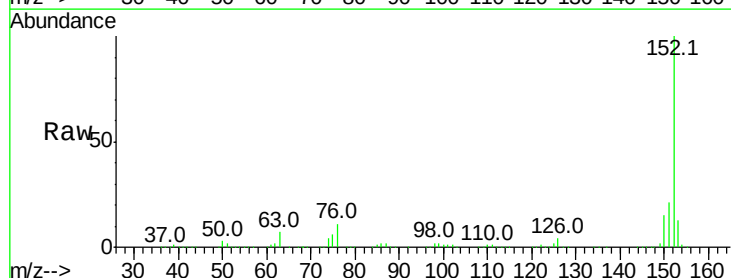
Tgt Ion: 152 Resp: 1409631

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

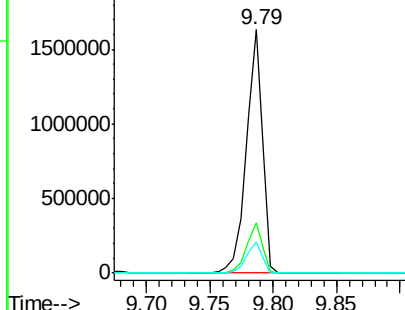
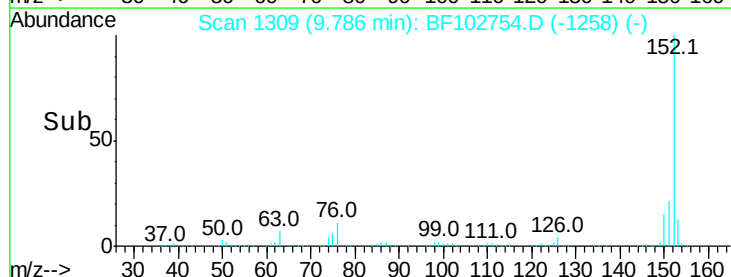
153 13.0 10.7 16.1

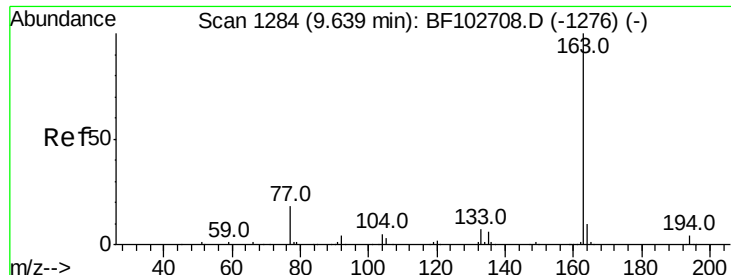


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





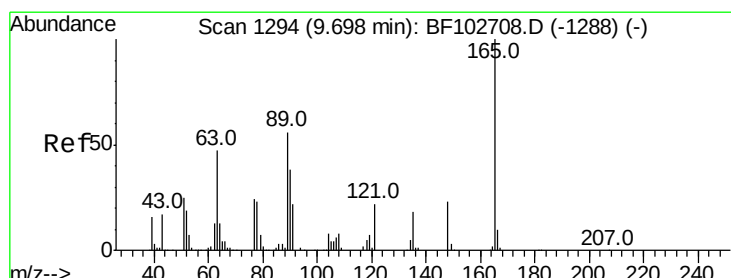
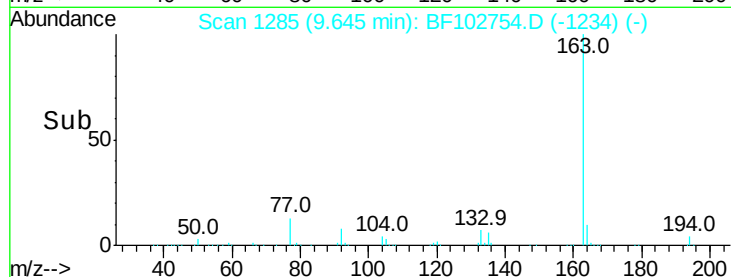
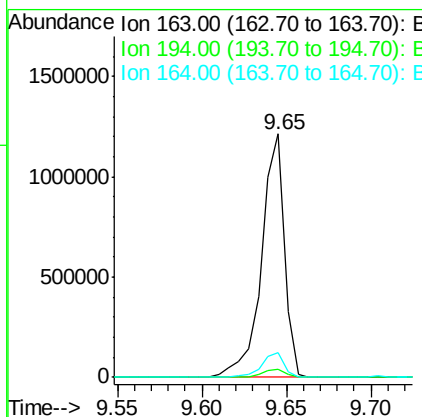
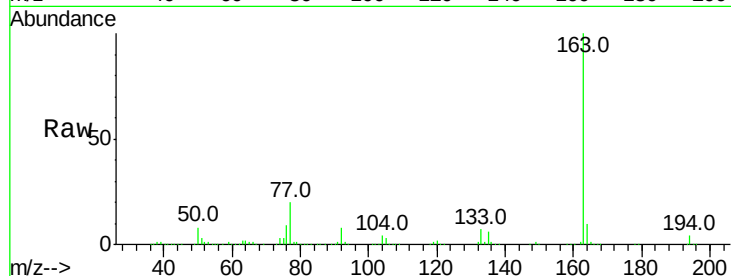
#49
 Dimethylphthalate
 Concen: 43.294 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion:	163	Resp:	1145840
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

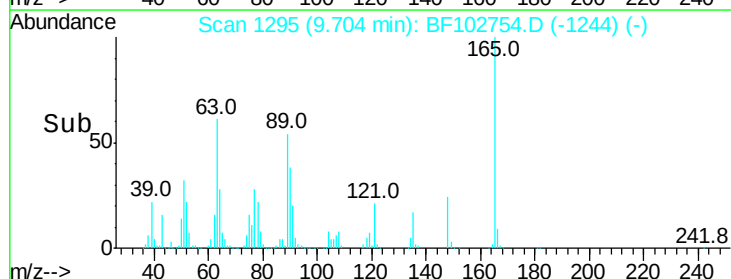
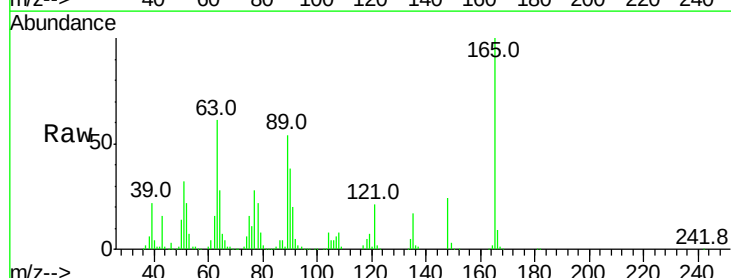
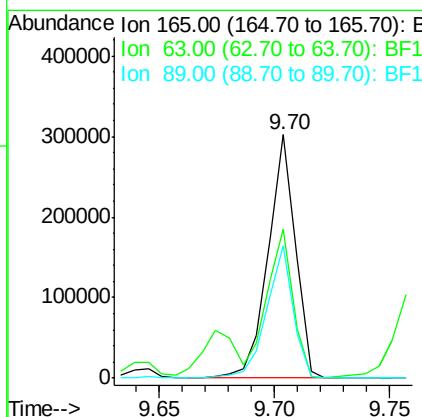
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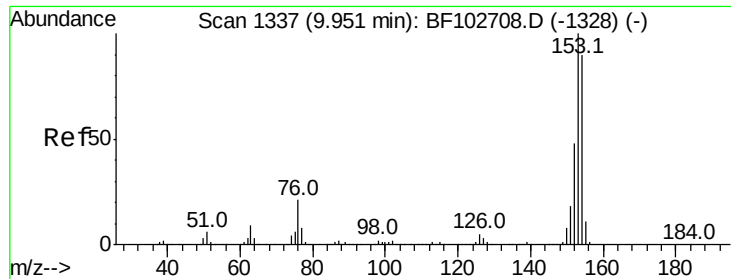
Sohil
 2/6/2018 2:25:49 PM



#50
 2,6-Dinitrotoluene
 Concen: 49.456 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion:	165	Resp:	249028
Ion	Ratio	Lower	Upper
165	100		
63	60.9	44.7	67.1
89	54.4	44.0	66.0





#51

Acenaphthene

Concen: 41.765 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

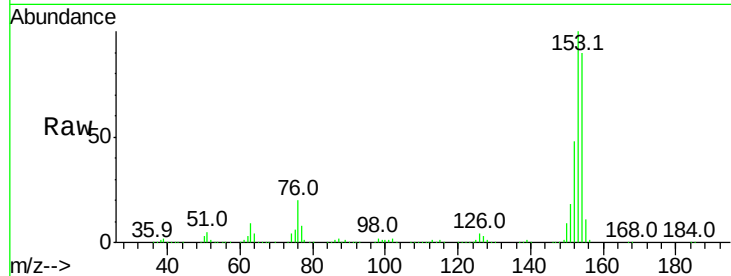
ClientSampleId :

PB106322BS

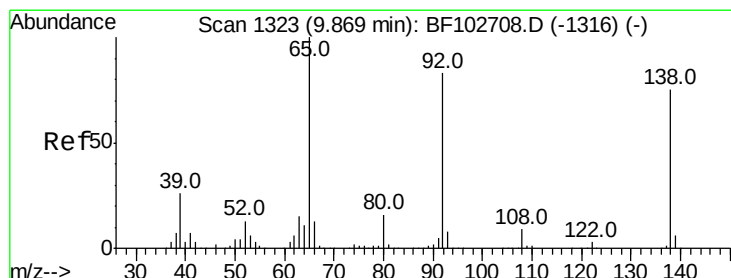
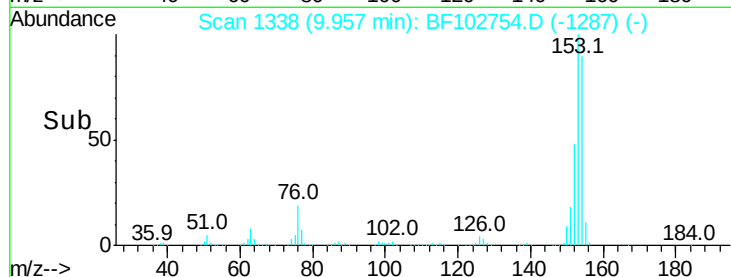
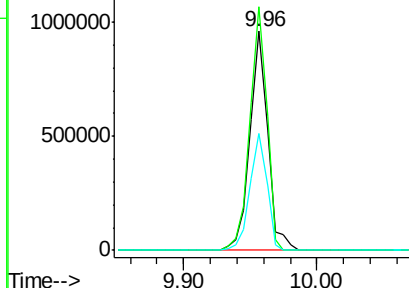
Tot Ion:	154	Resp:	873157
Ion Ratio	Lower	Upper	
154	100		
153	111.3	91.2	136.8
152	53.7	43.8	65.8

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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: 27.048 ng

RT: 9.87 min Scan# 1323

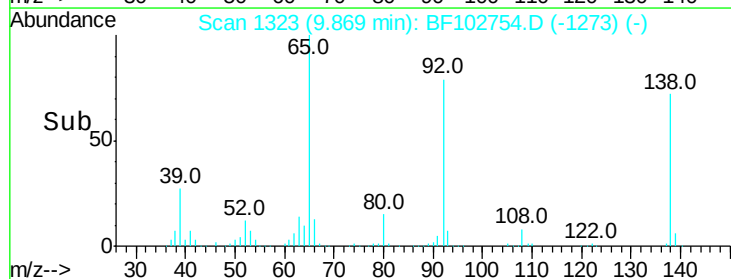
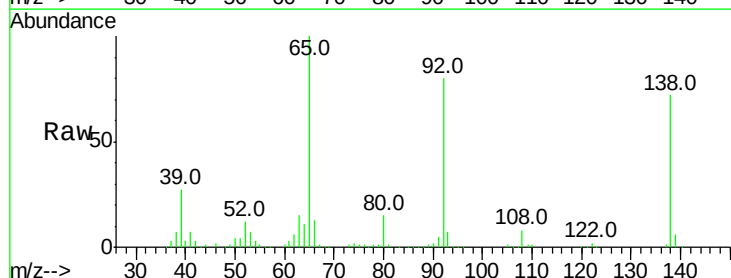
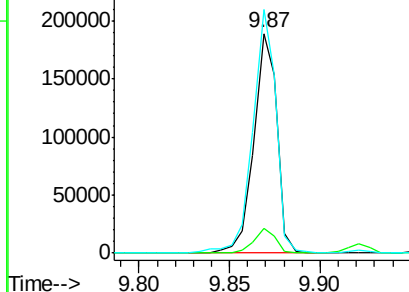
Delta R.T. -0.01 min

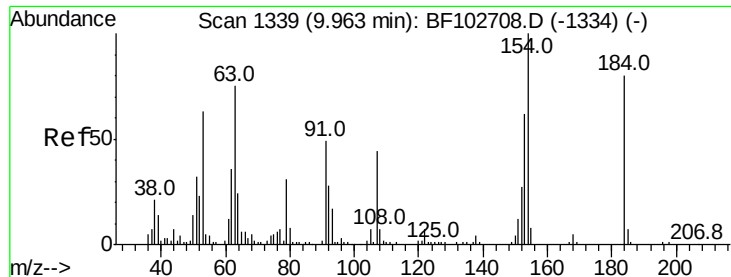
Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:	138	Resp:	167582
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	110.9	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: 58.369 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

PB106322BS

Tot Ion:184 Resp: 79377

Ion Ratio Lower Upper

184 100

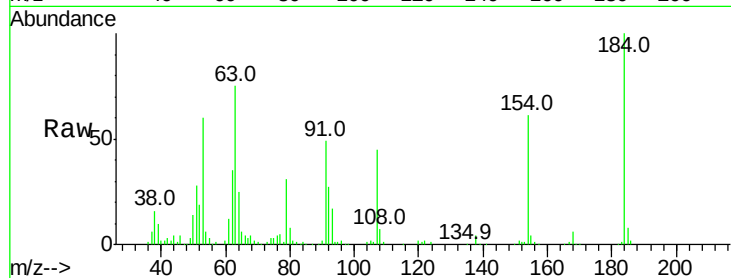
63 75.2 54.2 81.2

154 61.5 184.0 276.0#

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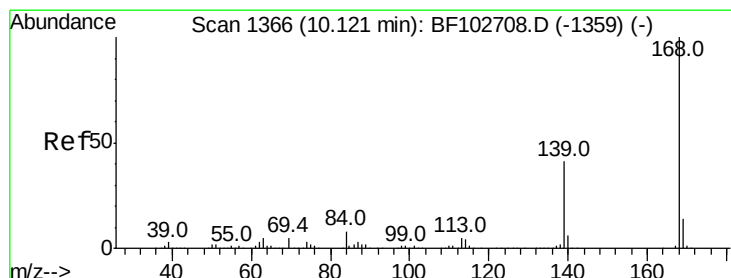
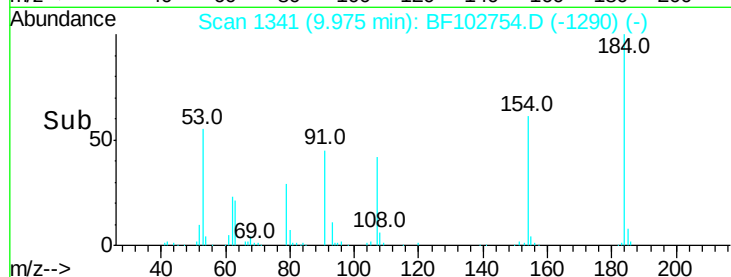
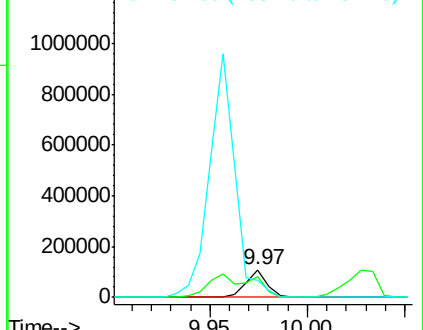
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.137 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

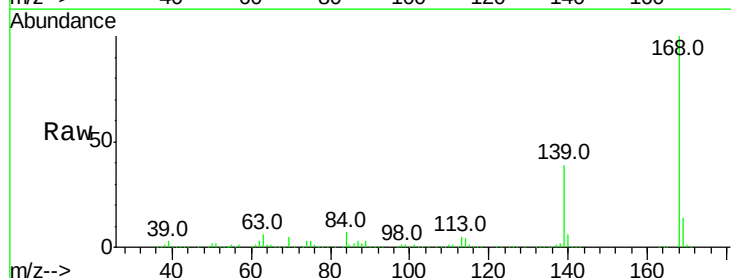
Tgt Ion:168 Resp: 1241476

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

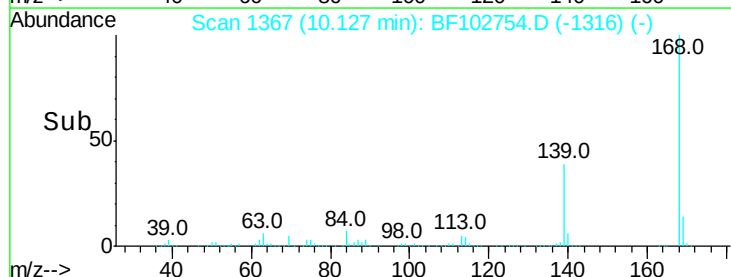
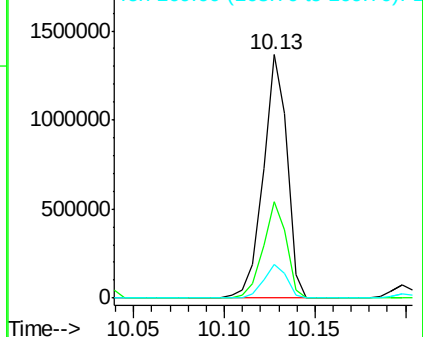
169 14.0 10.9 16.3

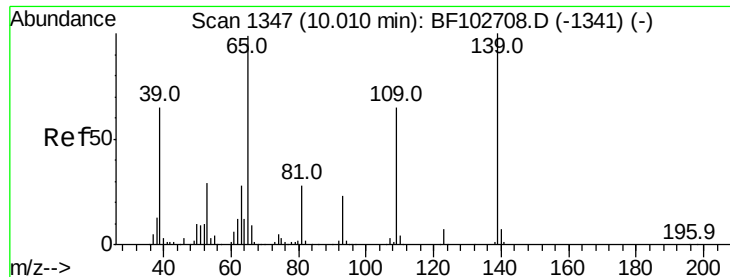


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





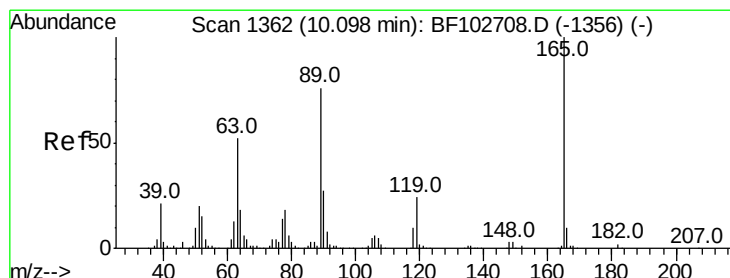
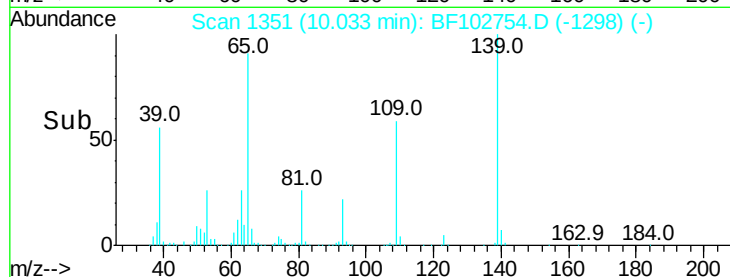
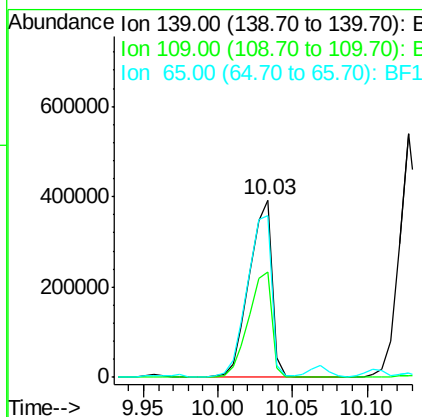
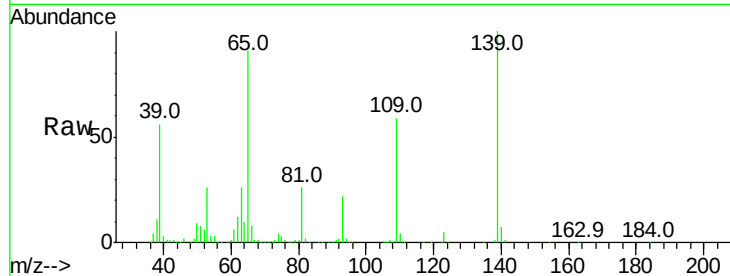
#55
4-Nitrophenol
Concen: 81.227 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	413901		
109	59.3	48.4	88.4	
65	91.0	72.6	112.6	

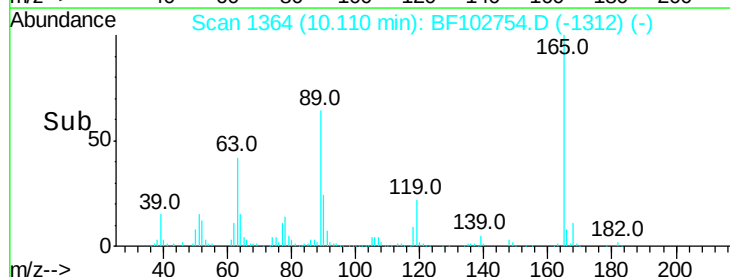
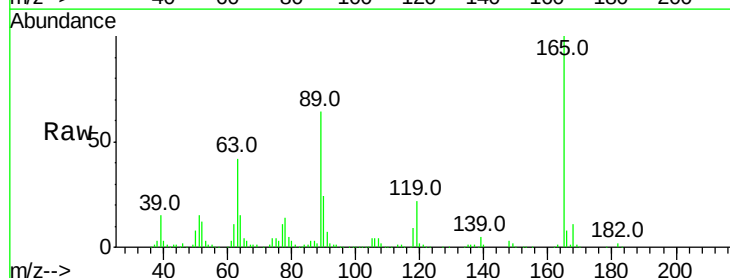
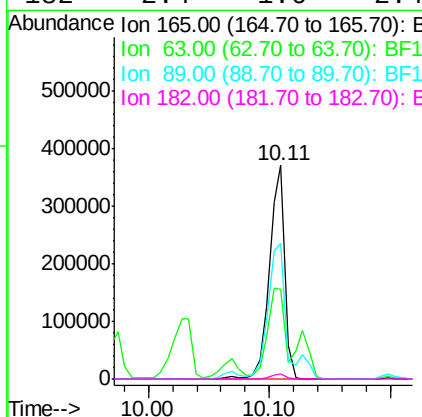
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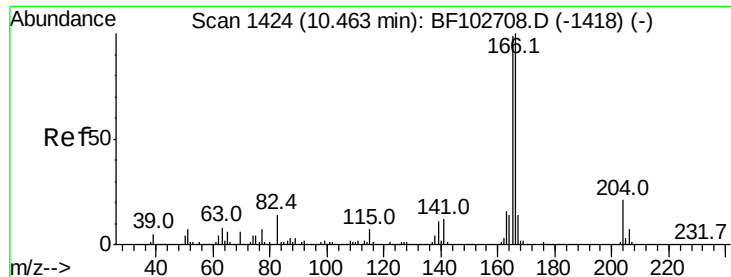
Sohil
2/6/2018 2:25:49 PM



#56
2,4-Dinitrotoluene
Concen: 48.038 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	324425		
63	42.0	36.4	54.6	
89	63.7	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 41.916 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

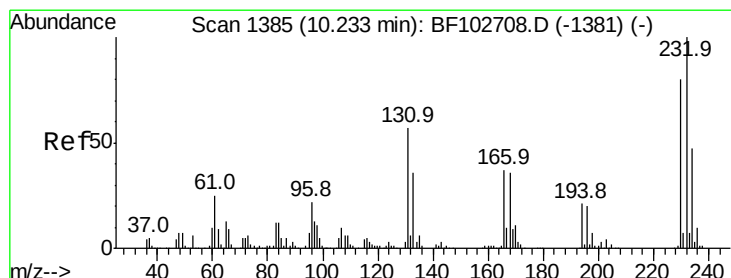
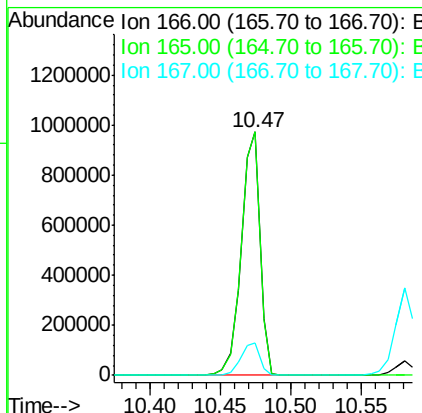
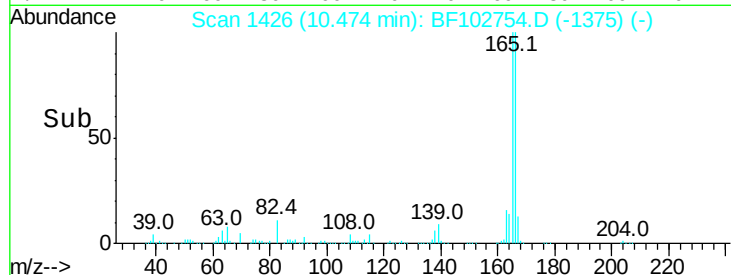
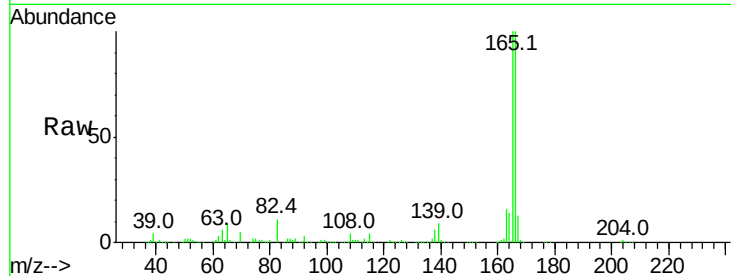
ClientSampleId :

PB106322BS

Tot Ion:	166	Resp:	898522
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.531 ng

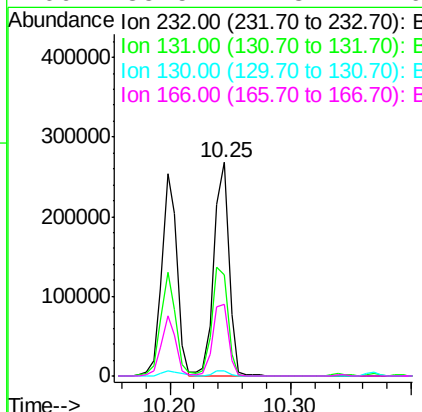
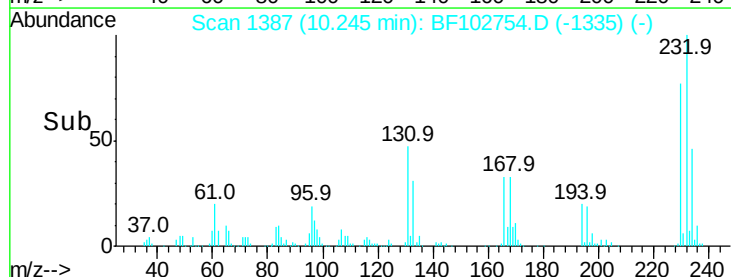
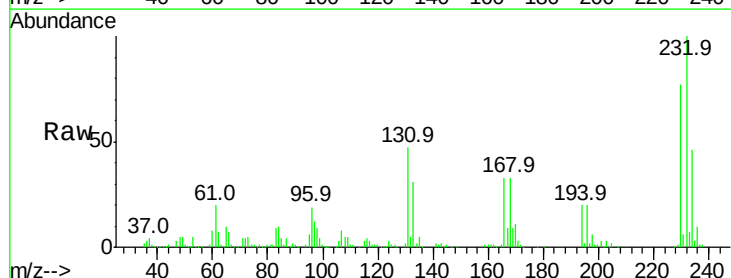
RT: 10.25 min Scan# 1387

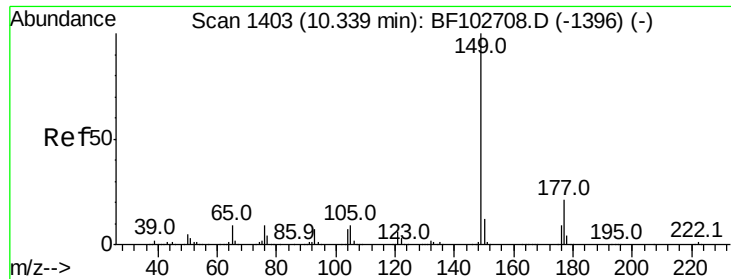
Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:	232	Resp:	230142
Ion Ratio	Lower	Upper	
232	100		
131	53.9	43.8	65.8
130	2.4	2.1	3.1
166	35.5	27.8	41.6





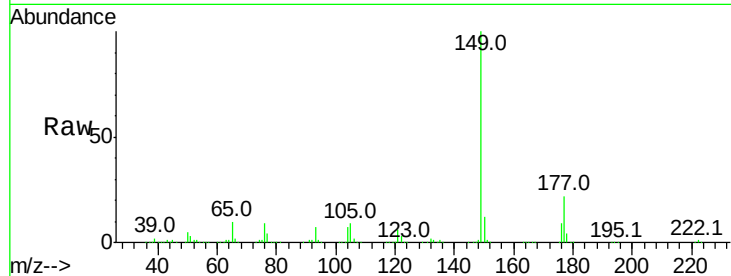
#59
Diethylphthalate
Concen: 42.122 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampled :
PB106322BS

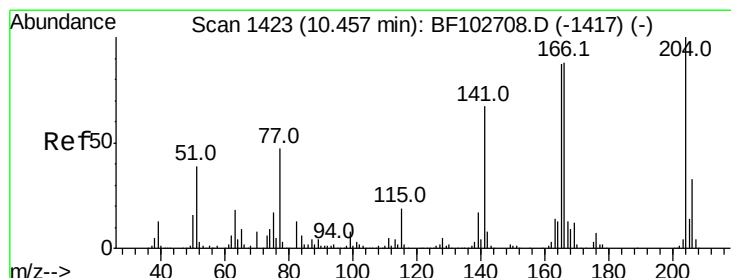
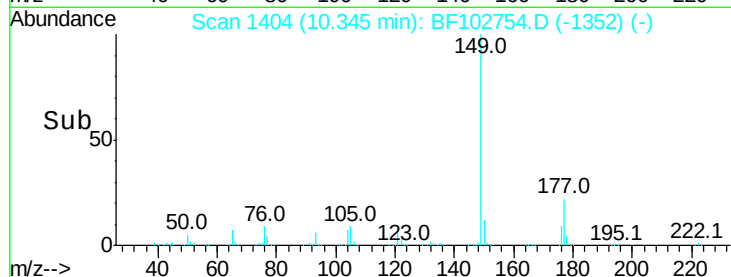
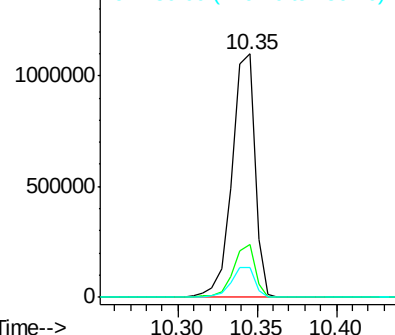
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.3	10.1	15.1

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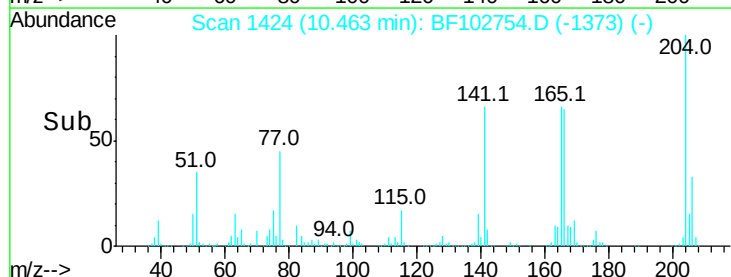
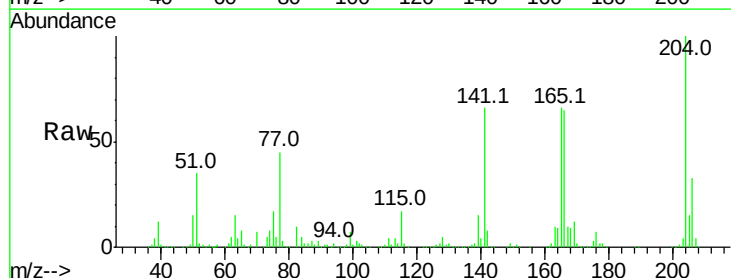
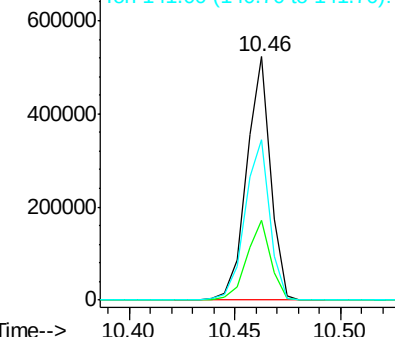
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

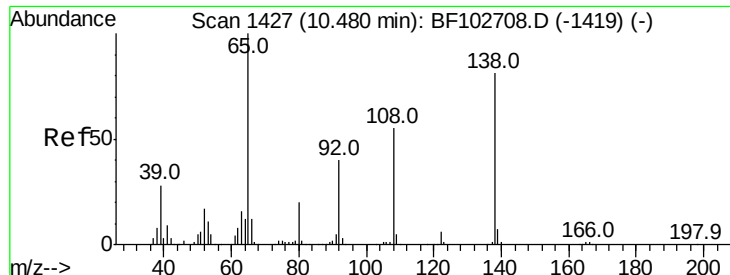


#60
4-Chlorophenyl-phenylether
Concen: 43.520 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	65.8	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





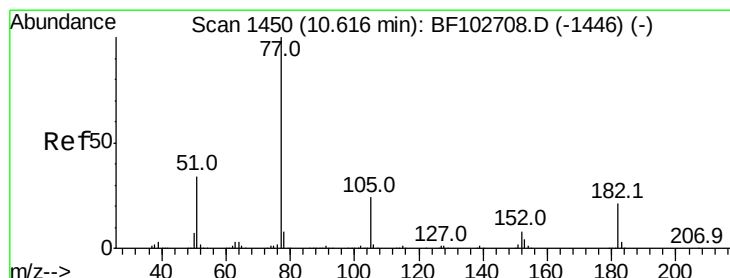
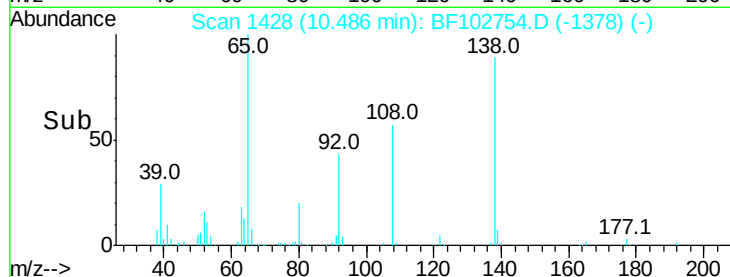
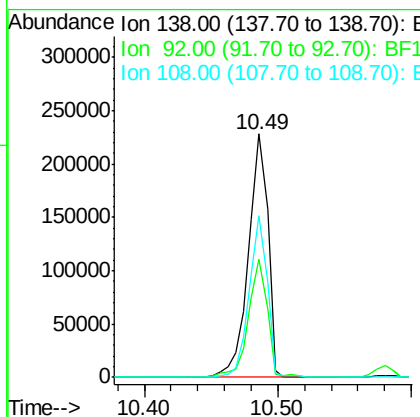
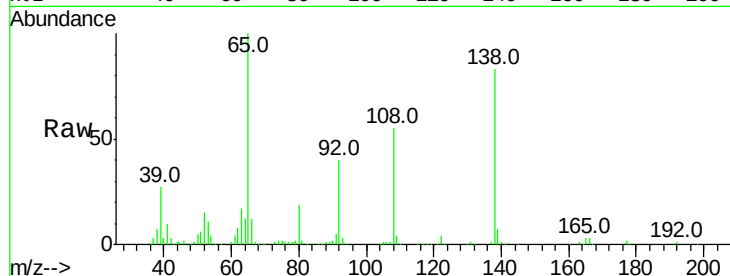
#61
4-Nitroaniline
Concen: 38.748 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	228510		
92	48.4	30.2	70.2	
108	66.2	52.5	92.5	

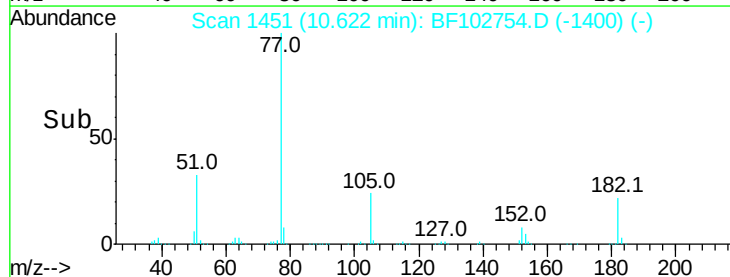
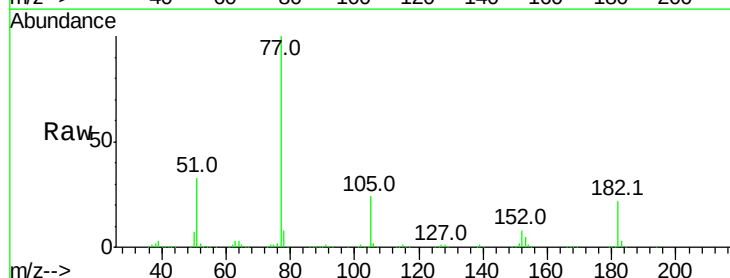
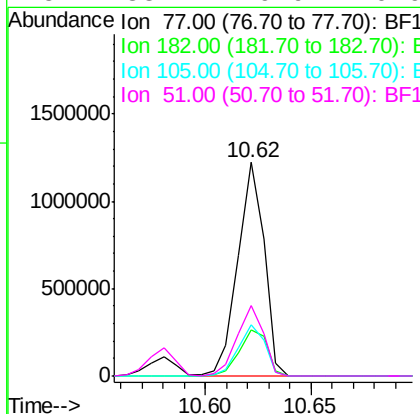
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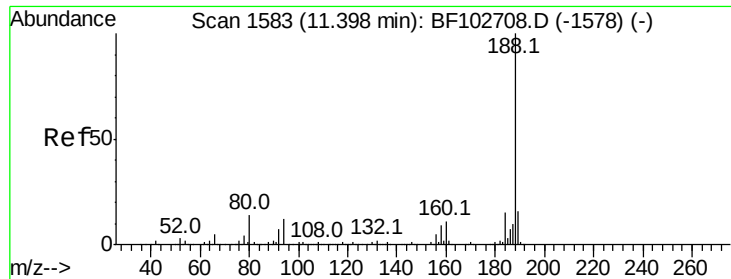
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#62
Azobenzene
Concen: 40.414 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1055092		
182	21.8	1.7	41.7	
105	24.0	3.0	43.0	
51	33.2	9.9	49.9	





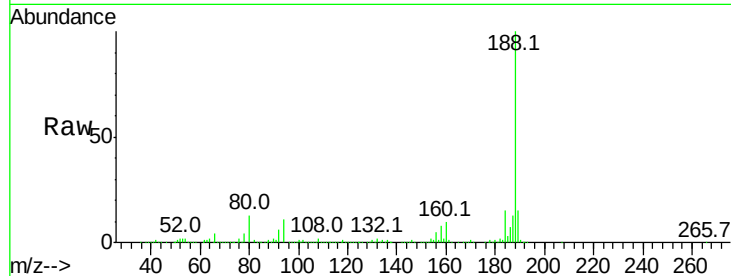
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

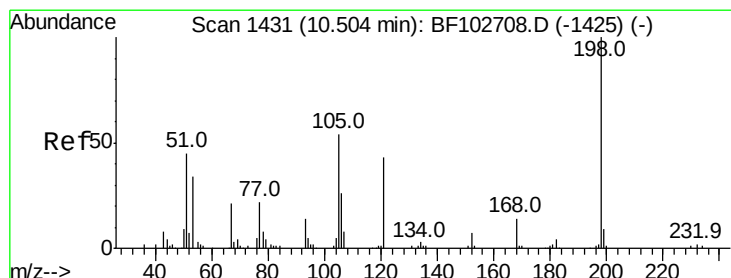
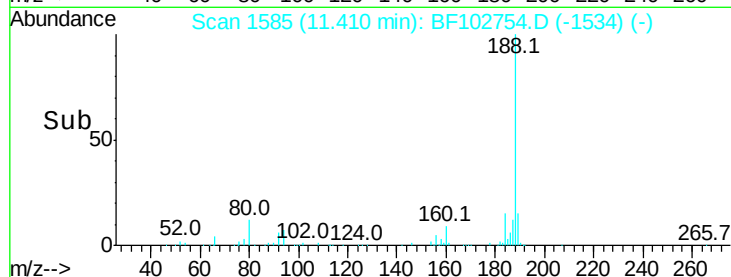
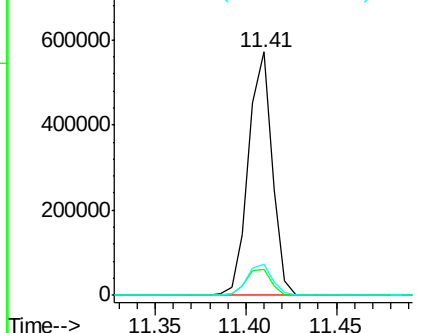
Tot Ion	Ratio	Resp	Lower	Upper
188	100	520446		
94	10.7		8.5	12.7
80	13.0		9.2	13.8

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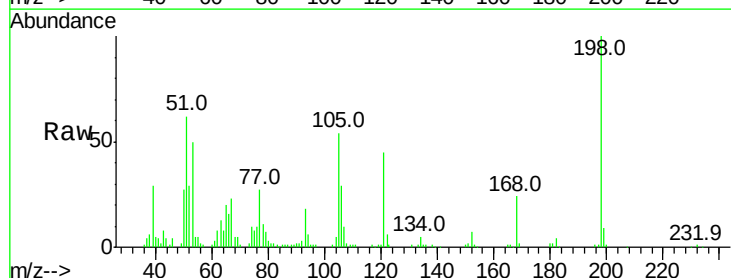


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

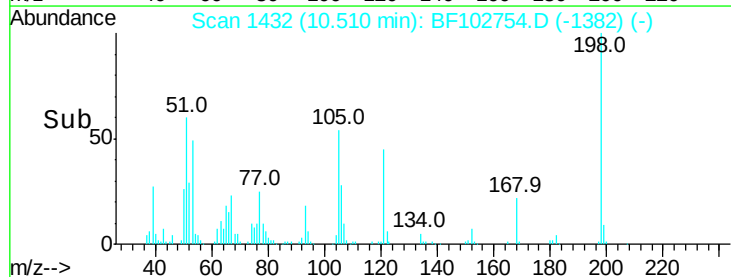
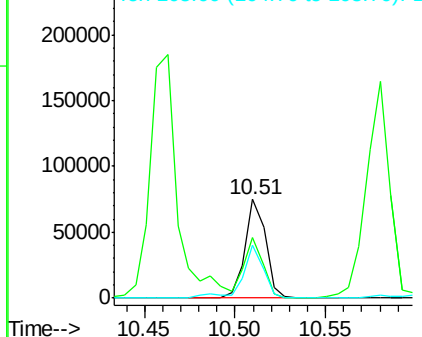


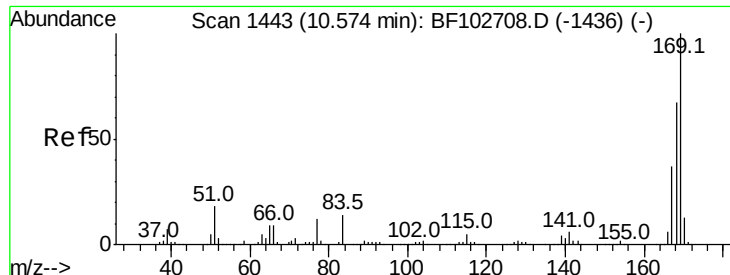
#64
4,6-Dinitro-2-methylphenol
Concen: 32.325 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	59426		
51	62.0		37.7	77.7
105	53.5		36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





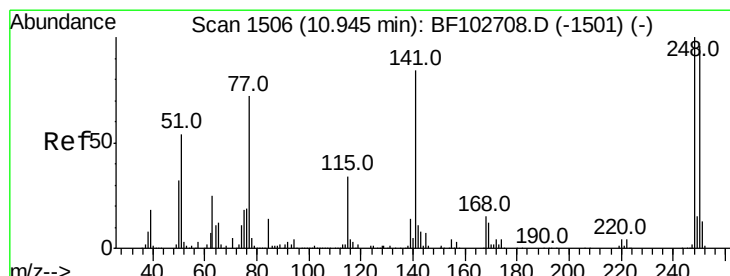
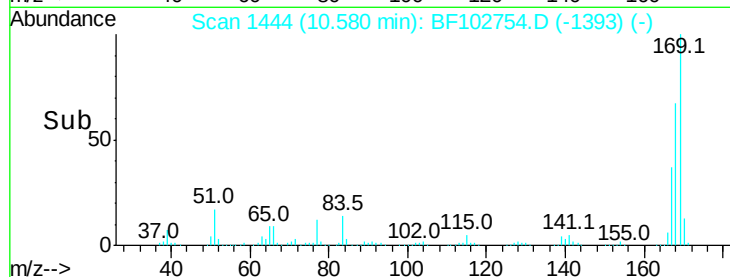
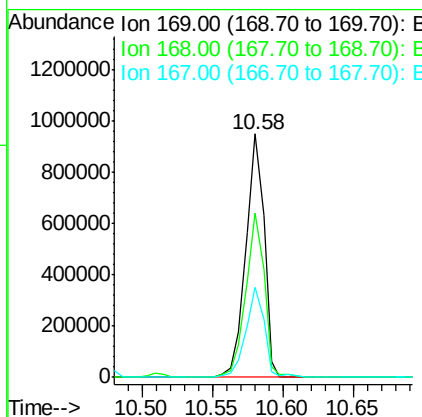
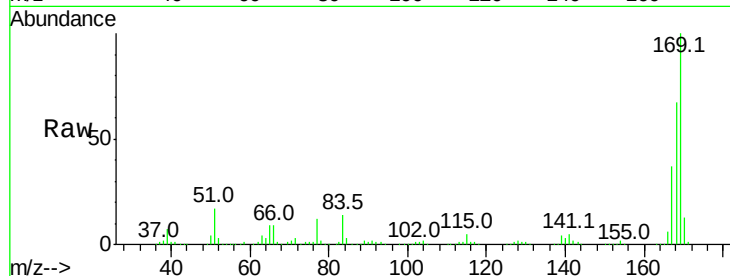
#65
n-Nitrosodiphenylamine
Concen: 46.931 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.2	54.4	81.6	
167	36.8	29.8	44.6	

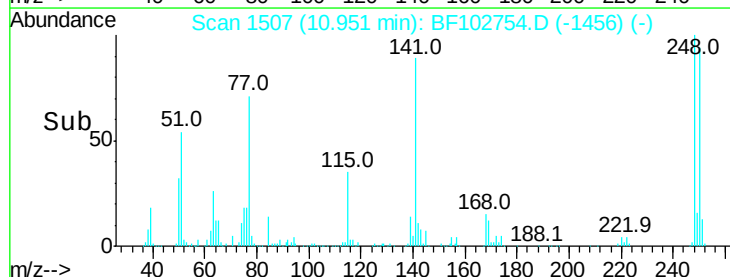
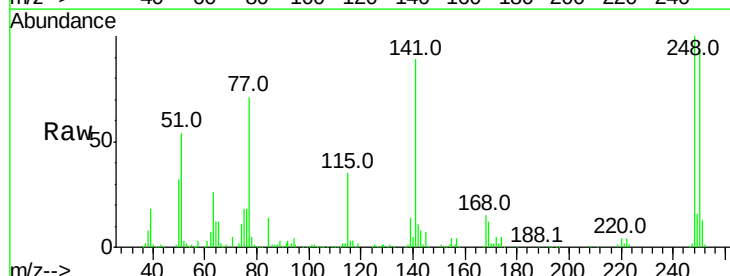
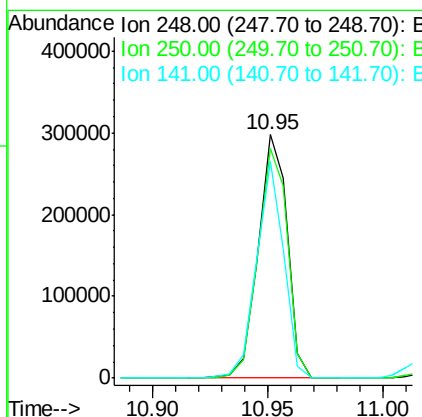
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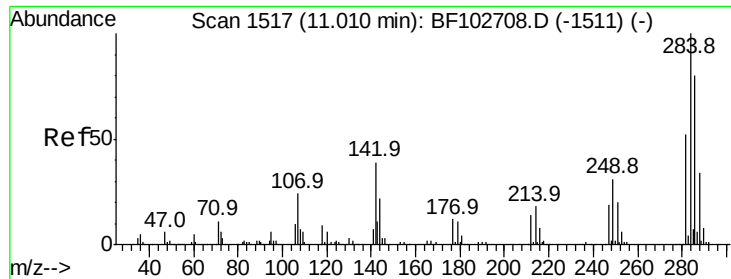
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#66
4-Bromophenyl-phenylether
Concen: 47.424 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.3	76.9	115.3	
141	88.9	74.4	111.6	





#67

Hexachlorobenzene

Concen: 43.941 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

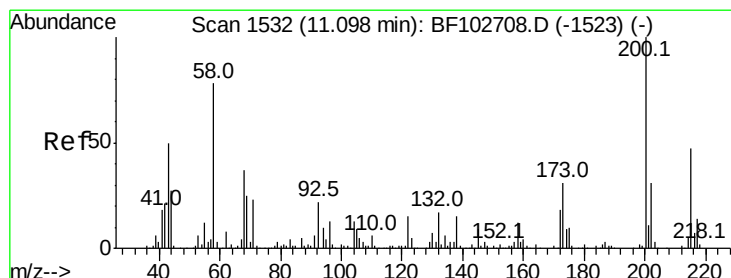
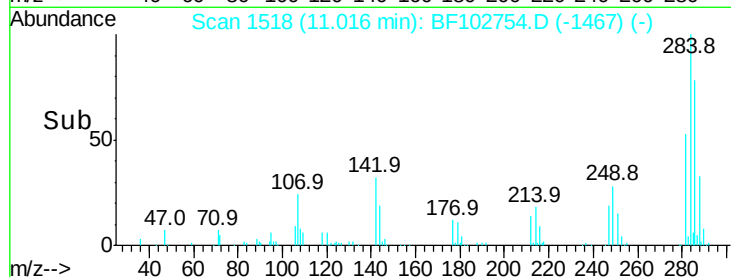
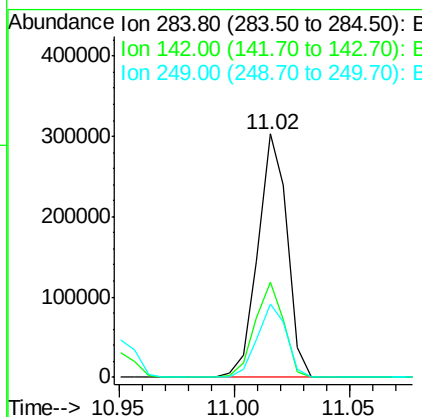
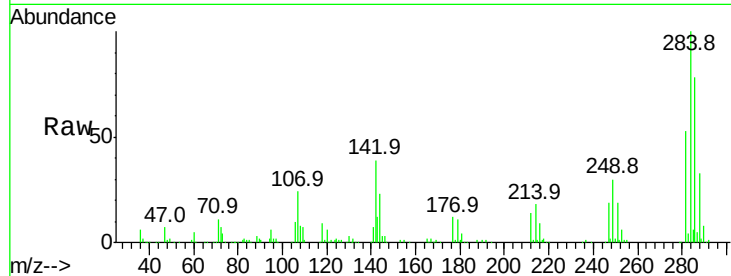
ClientSampleId :

PB106322BS

Tot Ion:	284	Resp:	266870
Ion Ratio	Lower	Upper	
284	100		
142	39.3	34.6	52.0
249	30.3	24.8	37.2

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#68

Atrazine

Concen: 47.200 ng

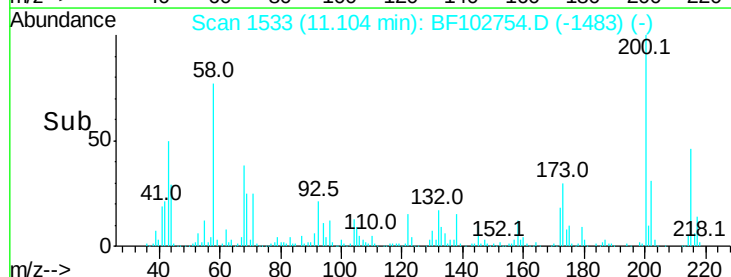
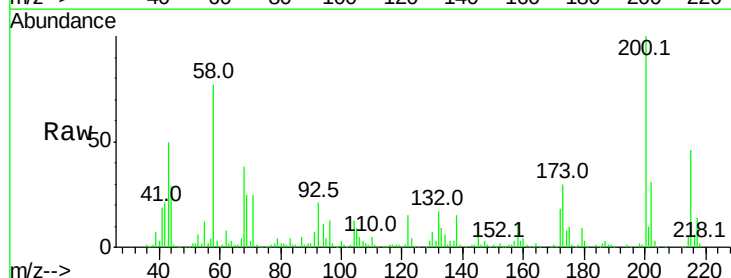
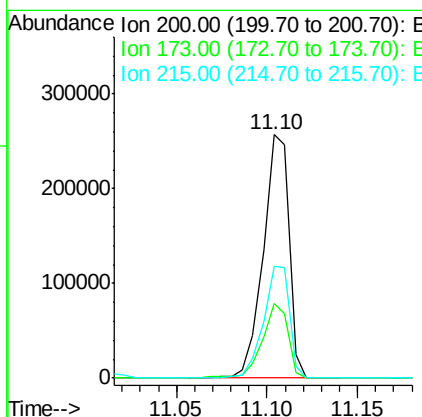
RT: 11.10 min Scan# 1533

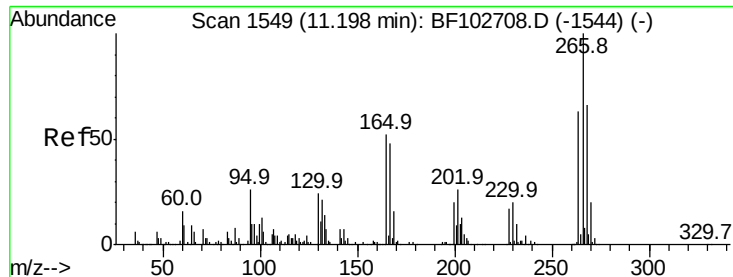
Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:	200	Resp:	255620
Ion Ratio	Lower	Upper	
200	100		
173	30.5	8.6	48.6
215	46.1	25.1	65.1





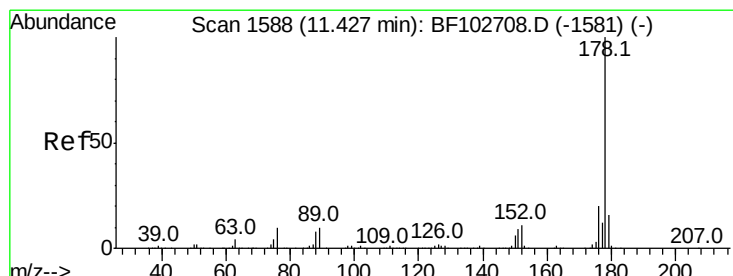
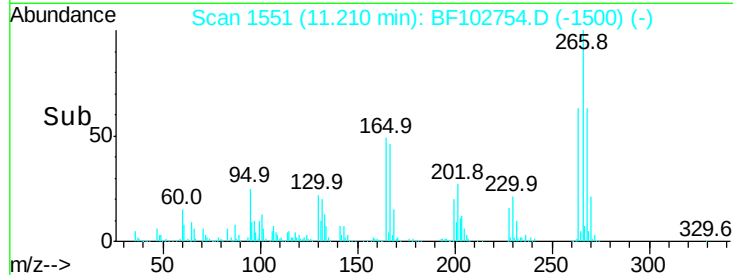
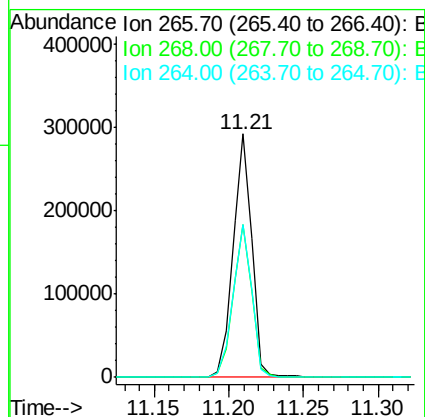
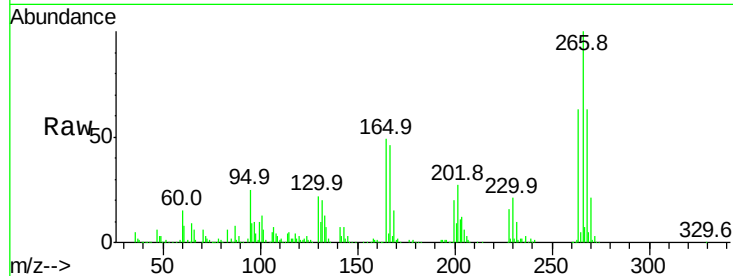
#69
 Pentachlorophenol
 Concen: 73.148 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.5	51.1	76.7	
264	62.9	49.5	74.3	

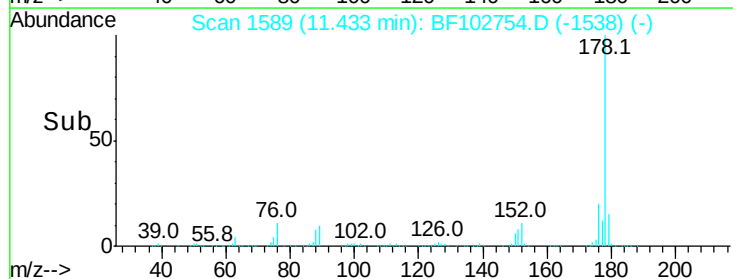
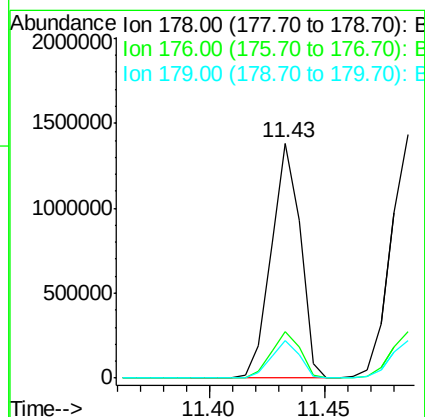
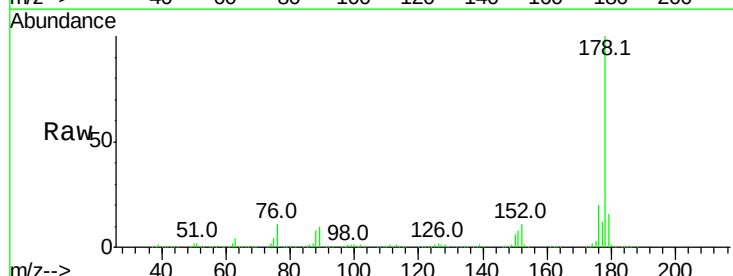
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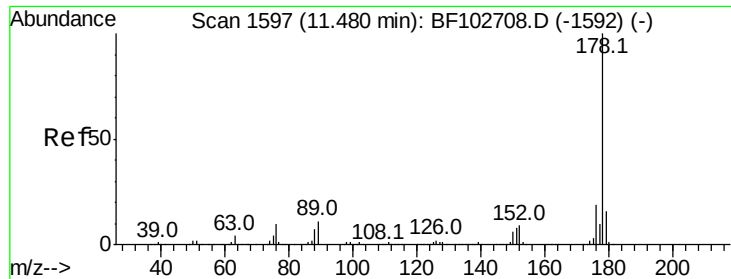
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#70
 Phenanthrene
 Concen: 41.777 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.8	15.8	23.8	
179	15.7	13.0	19.6	





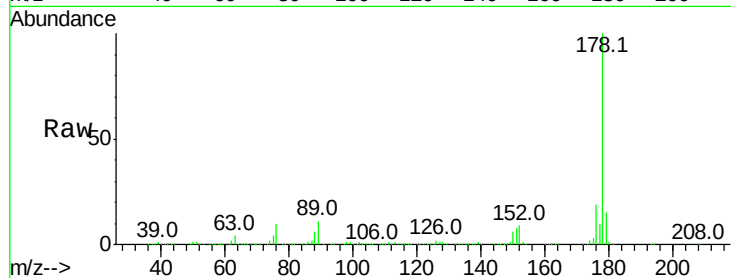
#71
 Anthracene
 Concen: 42.180 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

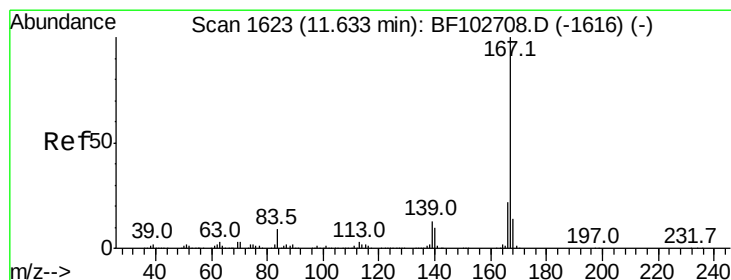
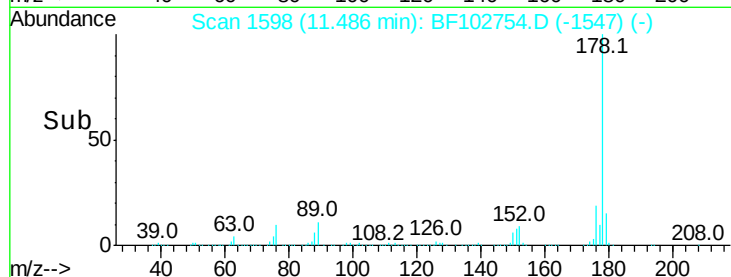
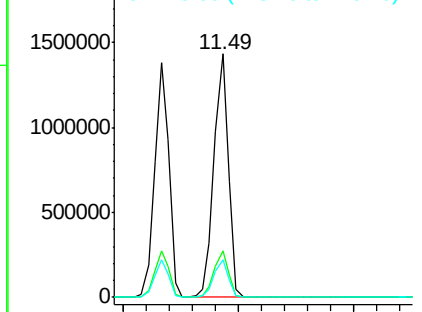
Tot Ion:178 Resp: 1243499
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0

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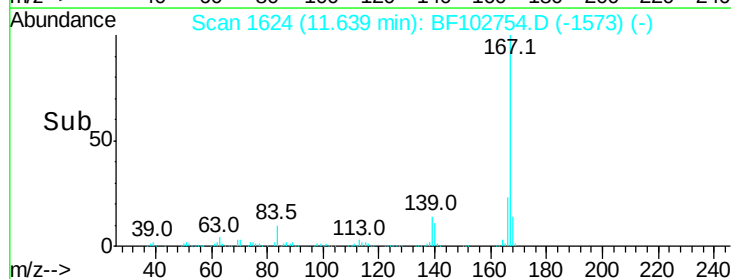
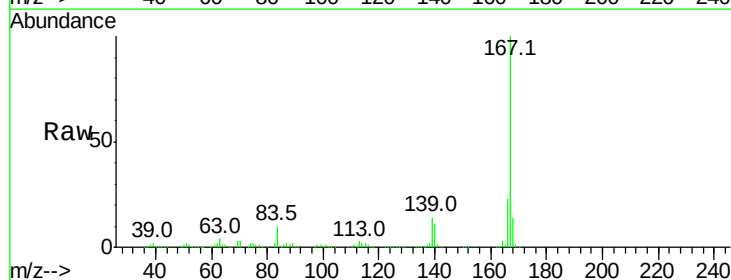
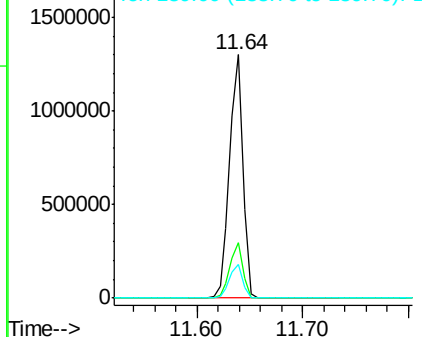
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

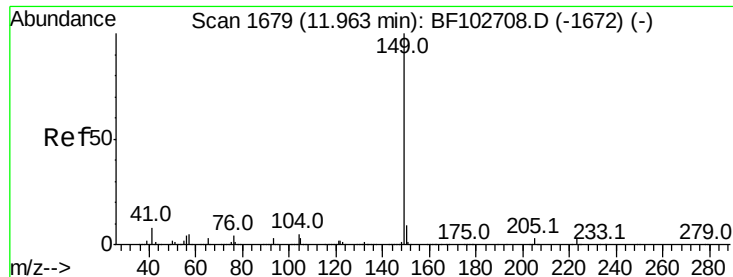


#72
 Carbazole
 Concen: 39.580 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion:167 Resp: 1143147
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.8 10.9 16.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.184 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

PB106322BS

Tot Ion:149 Resp: 1620309

Ion Ratio Lower Upper

149 100

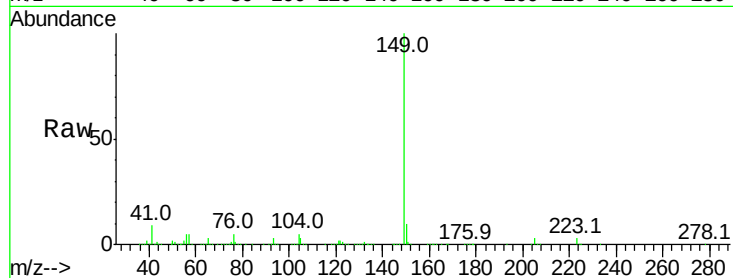
150 9.7 7.8 11.6

104 5.0 3.8 5.8

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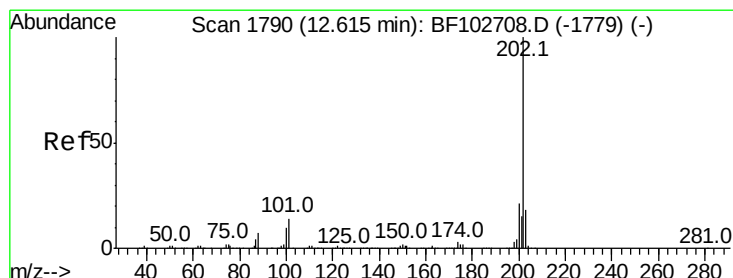
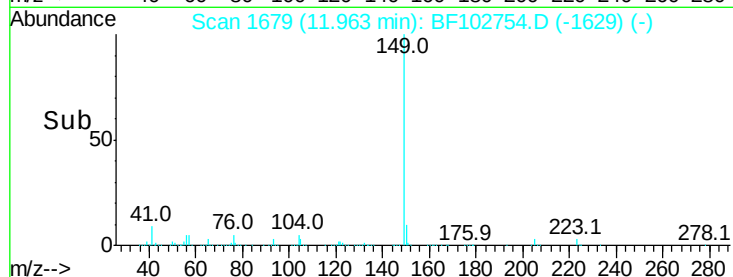
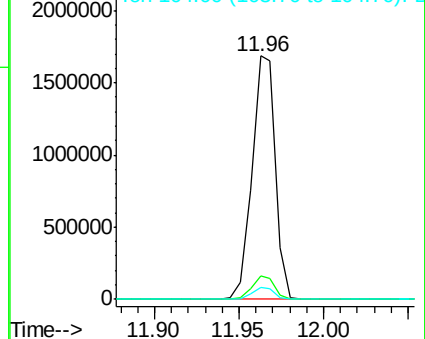
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.989 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

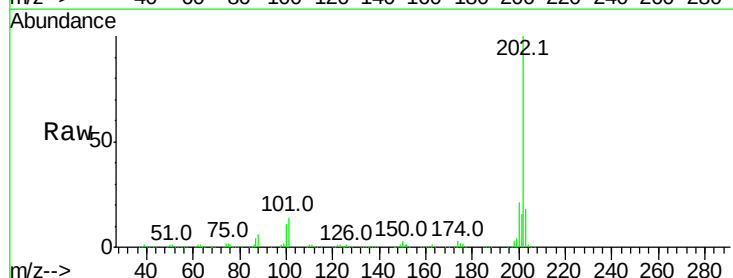
Tgt Ion:202 Resp: 1049533

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

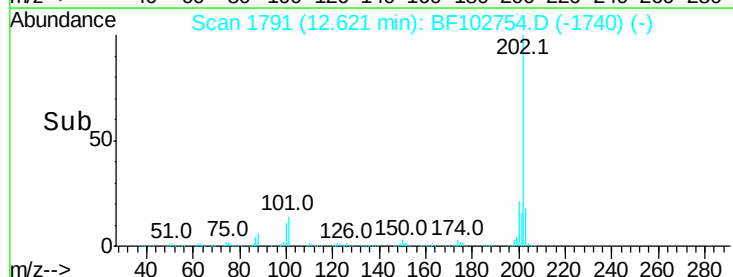
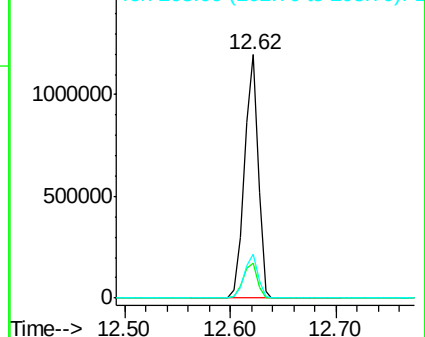
203 18.1 0.0 38.1

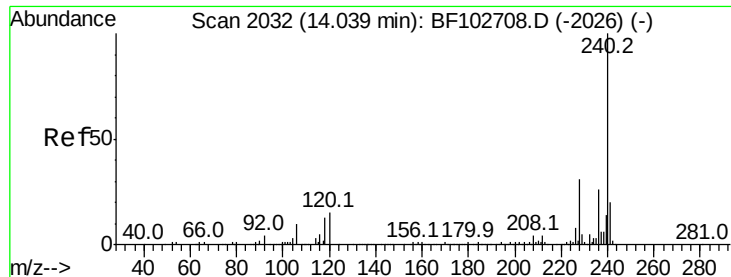


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

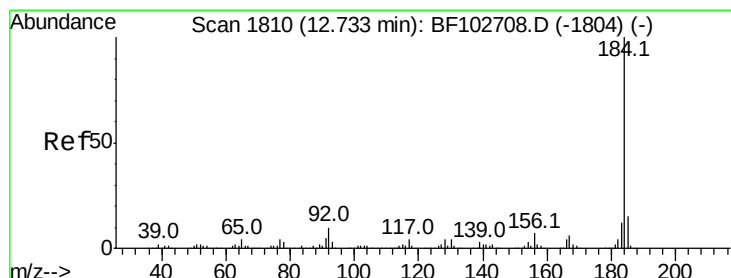
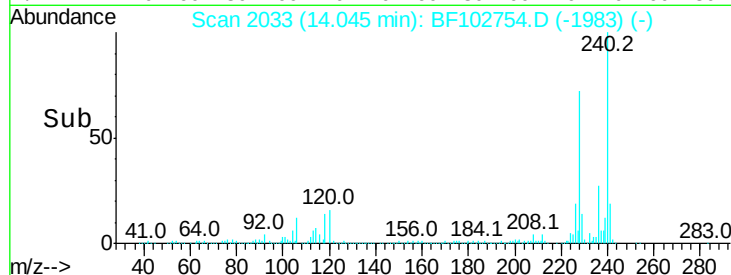
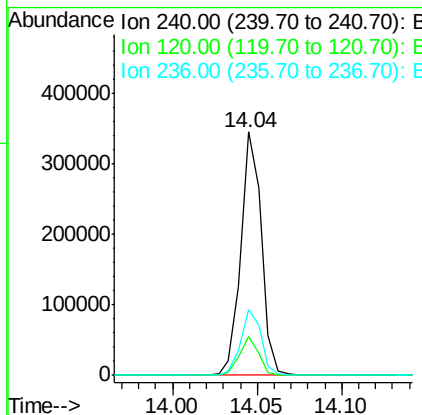
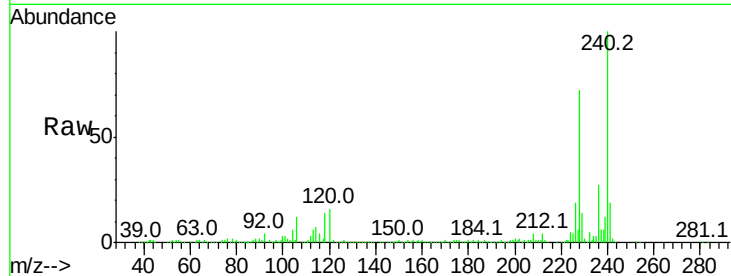
ClientSampleId :

PB106322BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	16.1	9.5	14.3
236	27.2	20.7	31.1

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#76

Benzidine

Concen: 32.513 ng

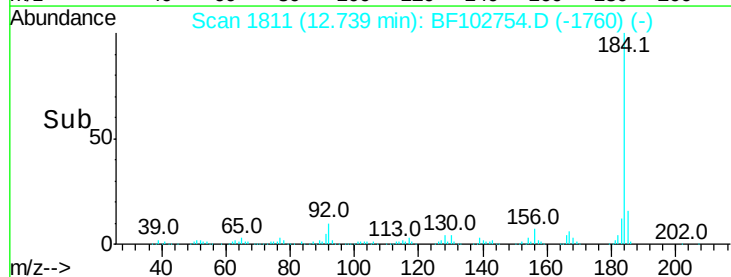
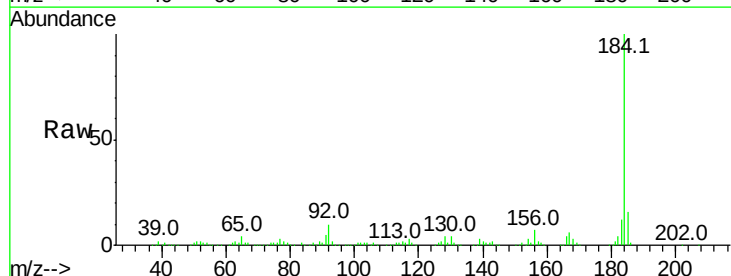
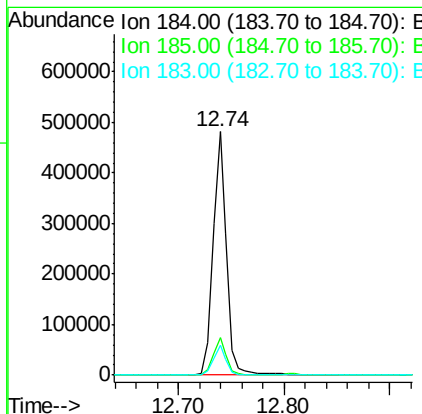
RT: 12.74 min Scan# 1811

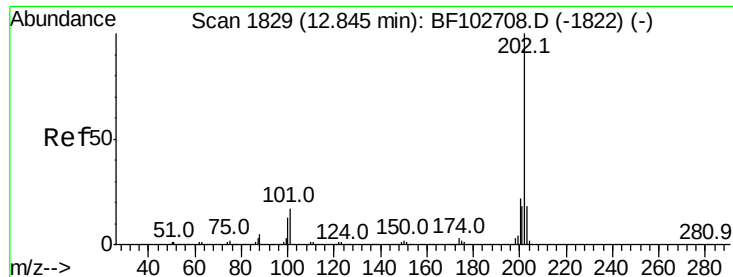
Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.5	12.6	18.8
183	12.0	9.3	13.9





#77

Pvrene

Concen: 45.233 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

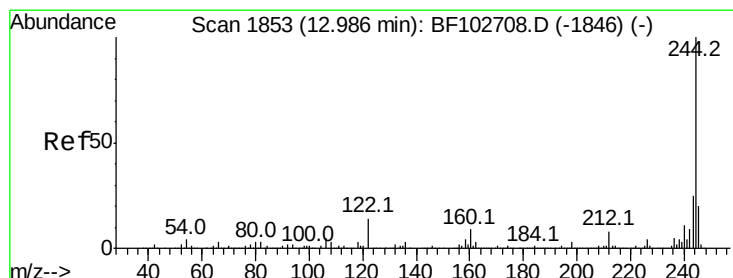
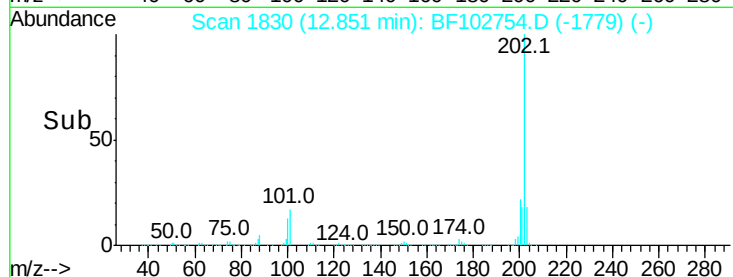
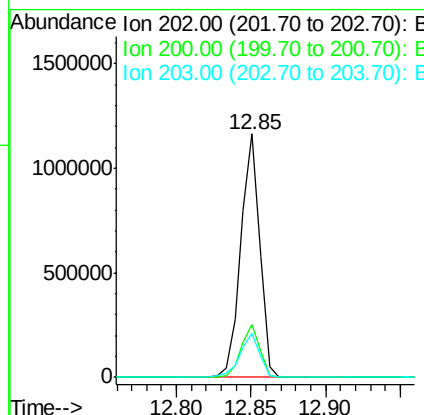
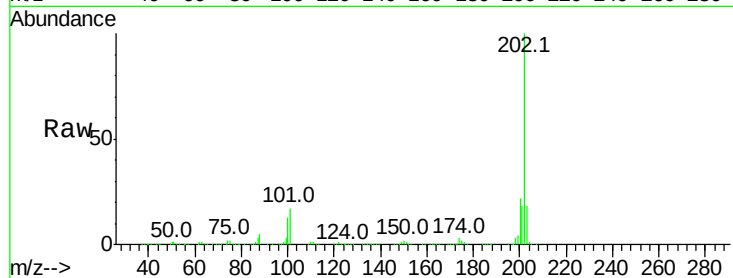
PB106322BS

Tot Ion:202 Resp: 1036376

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 105.636 ng

RT: 12.99 min Scan# 1854

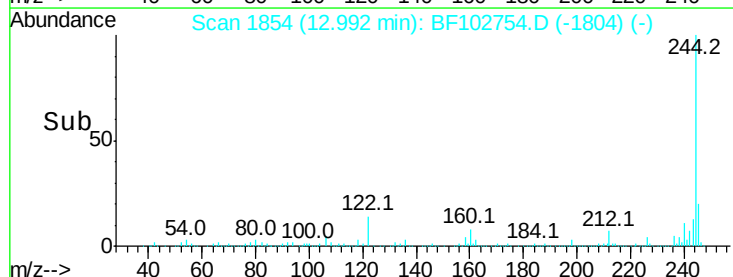
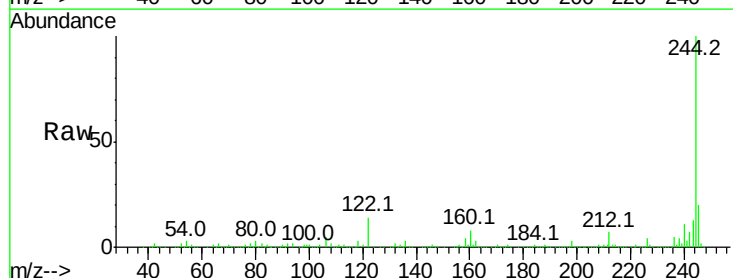
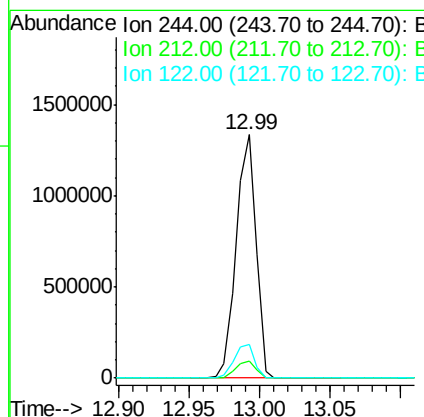
Delta R.T. -0.01 min

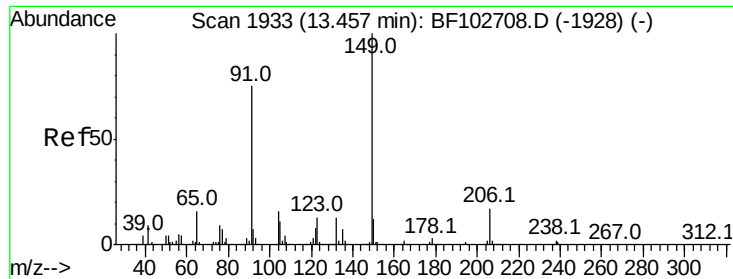
Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:244 Resp: 1303554

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.1	11.0	16.4





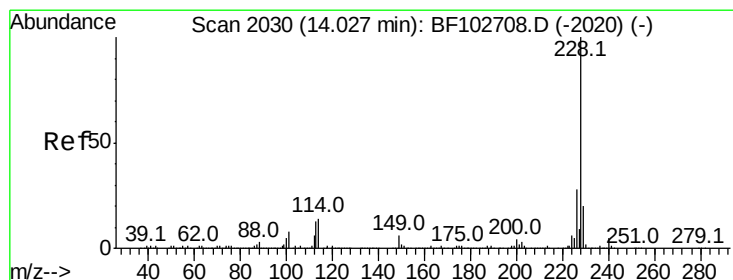
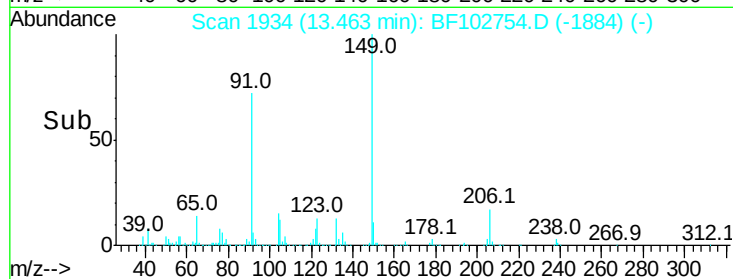
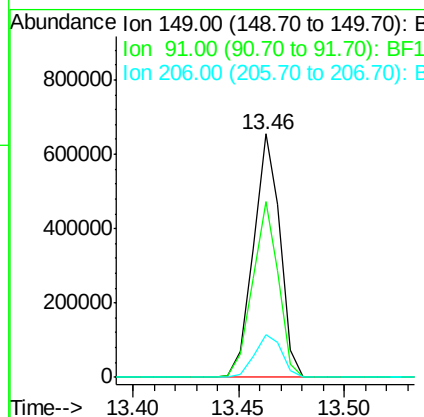
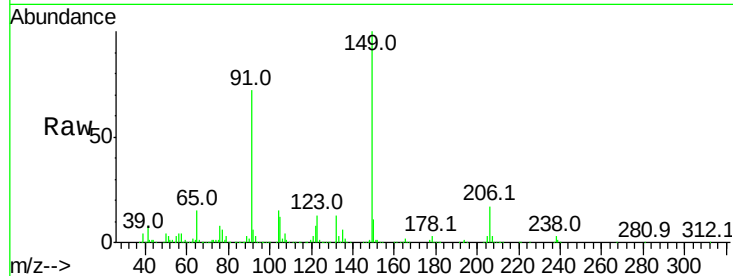
#79
Butylbenzylphthalate
Concen: 52.092 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleID :
PB106322BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	571881		
91	72.0	56.8	85.2	
206	17.3	14.1	21.1	

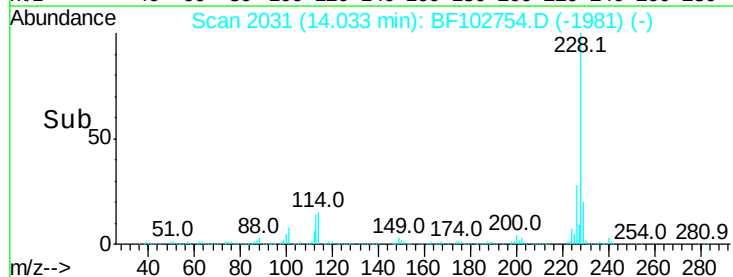
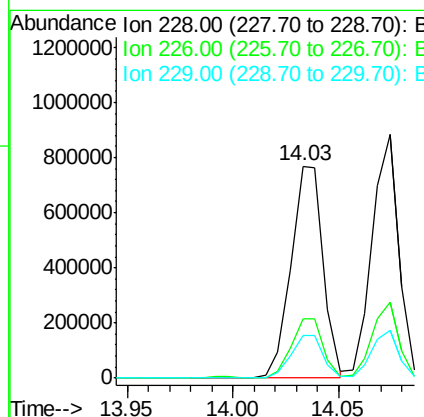
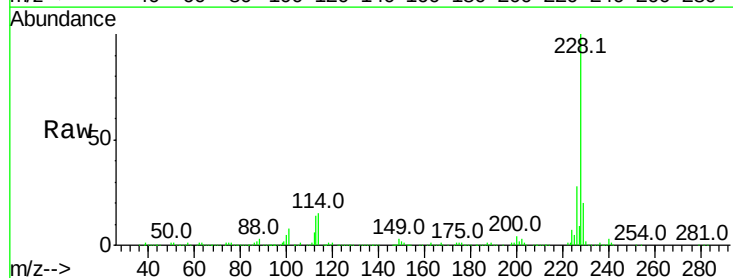
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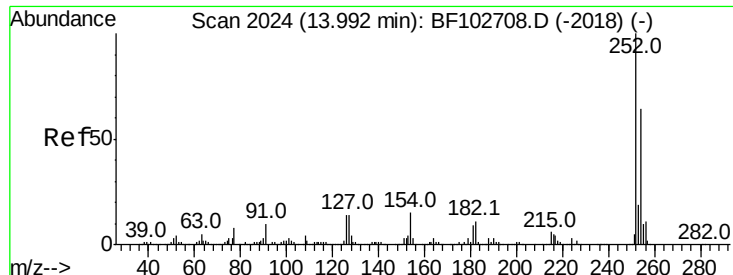
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#80
Benzo(a)anthracene
Concen: 44.215 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	812478		
226	28.1	22.6	33.8	
229	20.2	15.8	23.6	





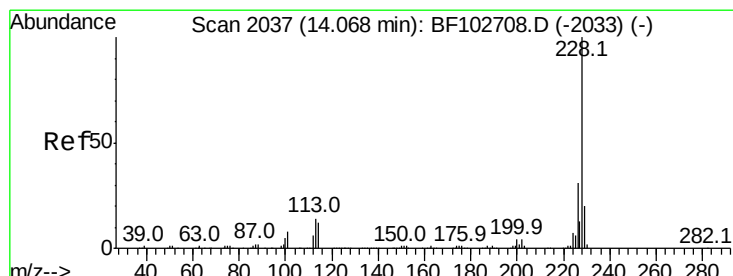
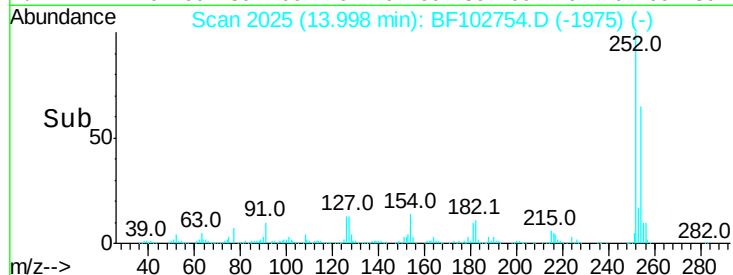
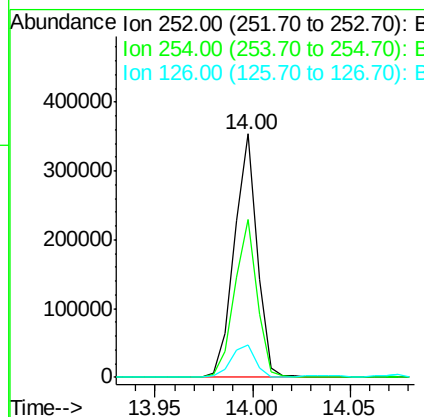
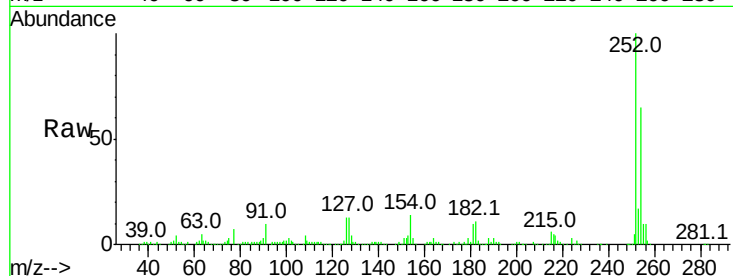
#81
 3,3'-Dichlorobenzidine
 Concen: 42.254 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	50.4	75.6
126	13.4	11.3	16.9

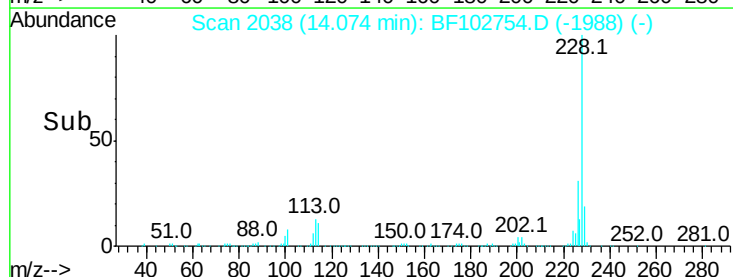
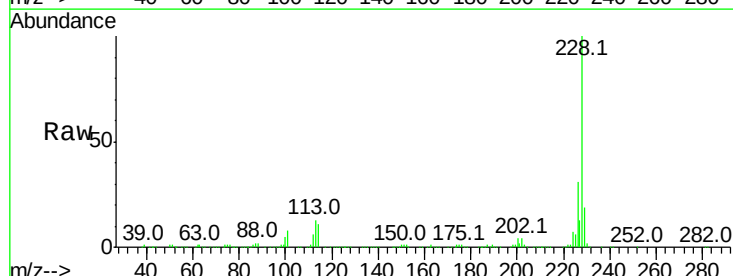
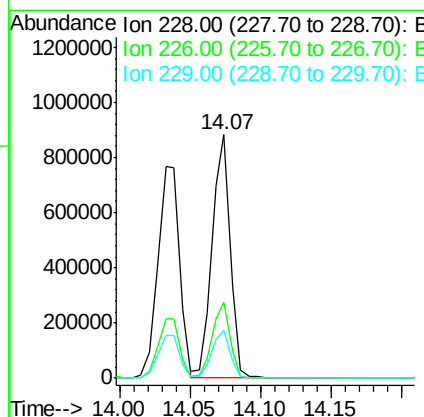
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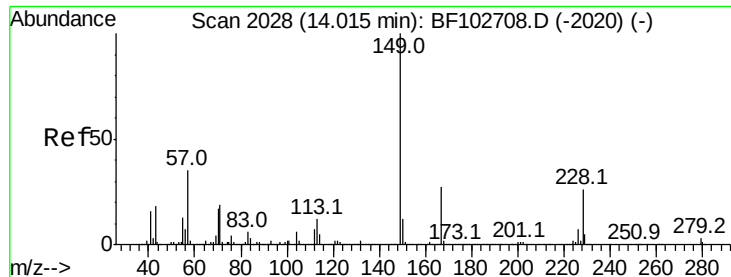
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#82
 Chrysene
 Concen: 42.308 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	25.0	37.6
229	19.5	16.2	24.4





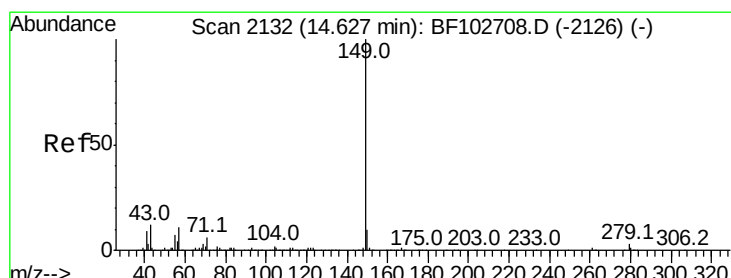
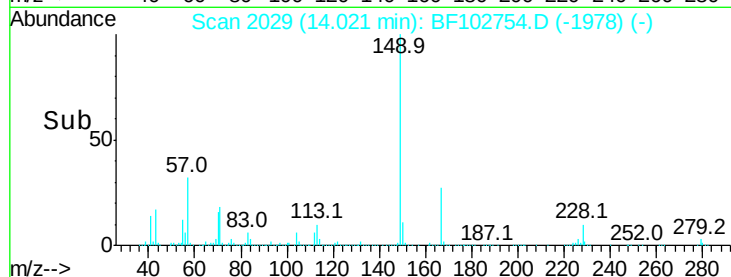
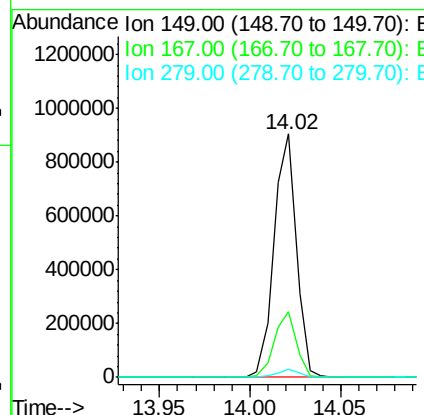
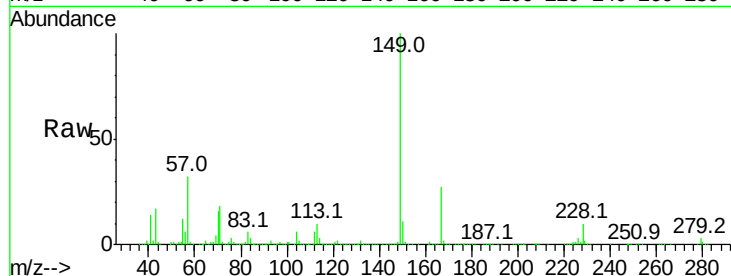
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.210 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.3	3.0	4.4

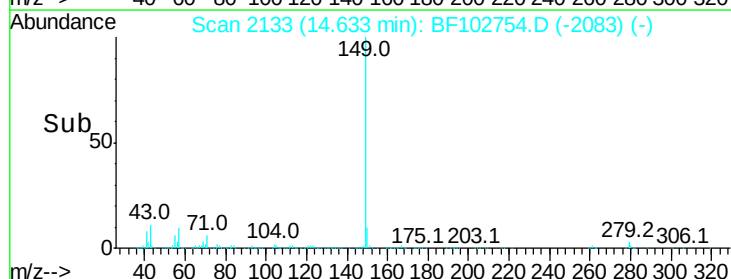
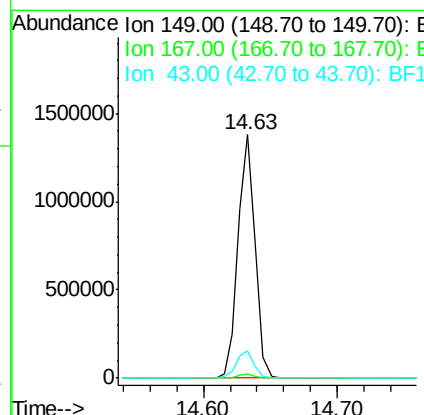
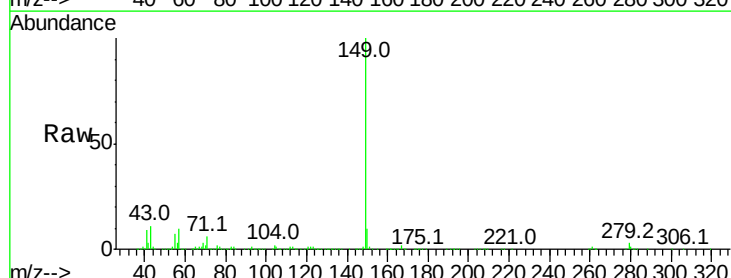
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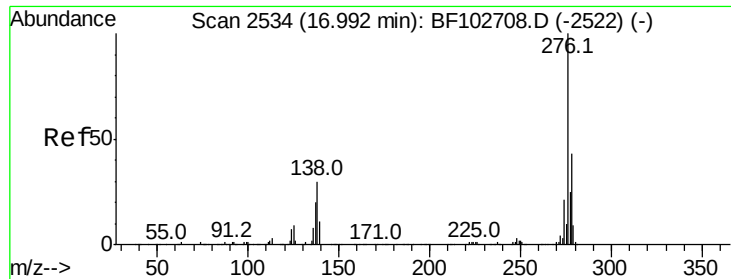
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#84
 Di-n-octyl phthalate
 Concen: 58.859 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

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





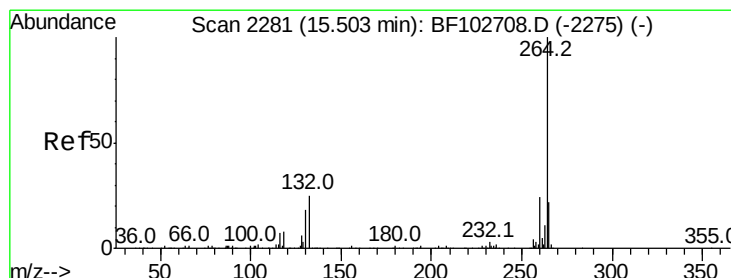
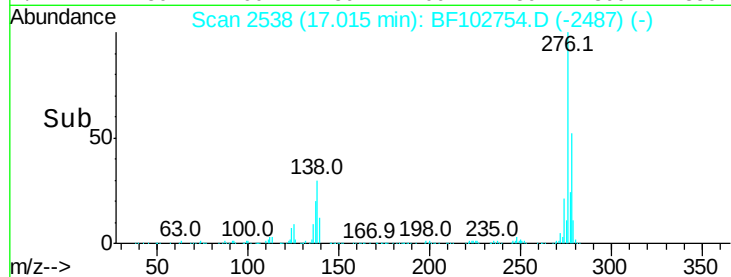
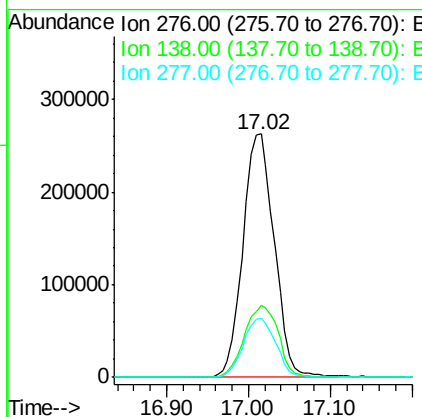
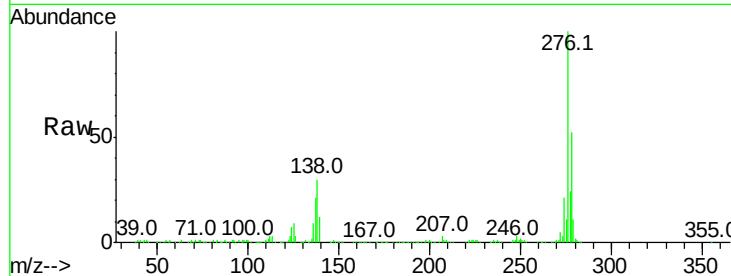
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.635 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.0	37.6
277	25.2	20.1	30.1

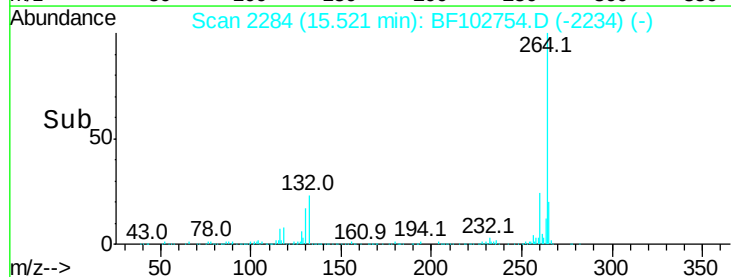
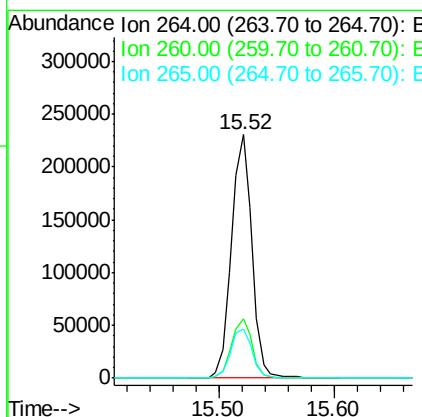
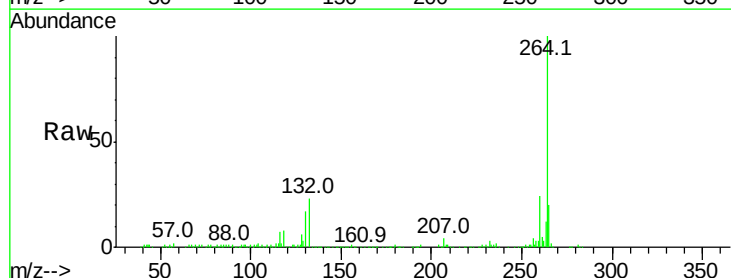
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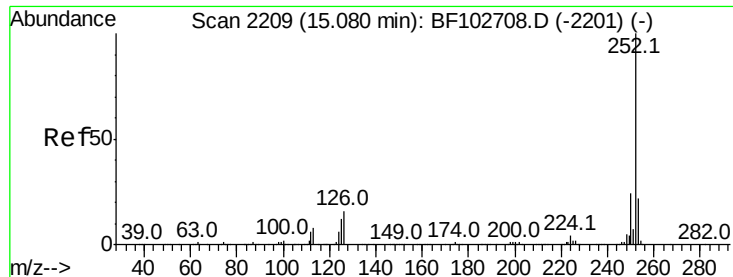
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.492 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

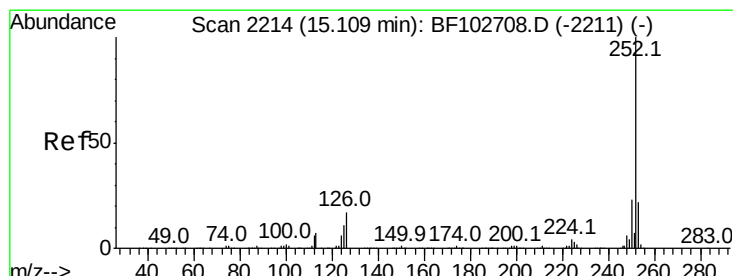
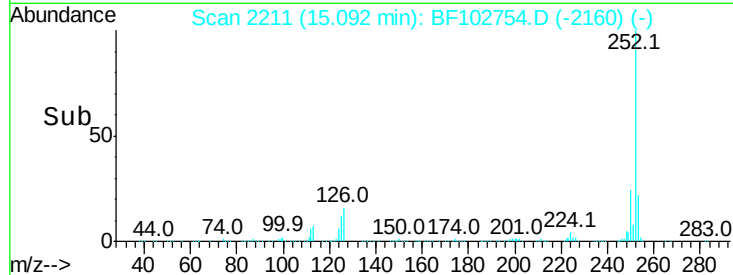
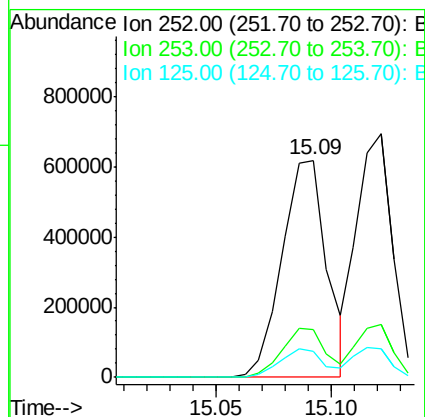
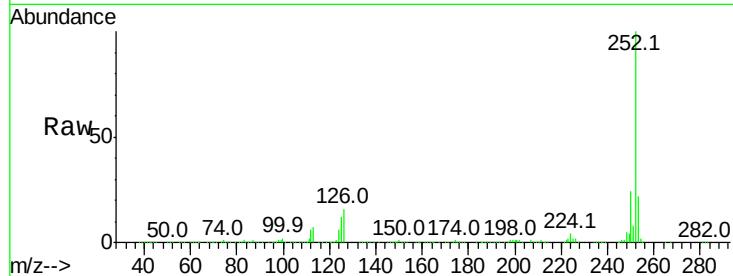
Instrument :
BNA_F

ClientSampleId :
PB106322BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.354 ng

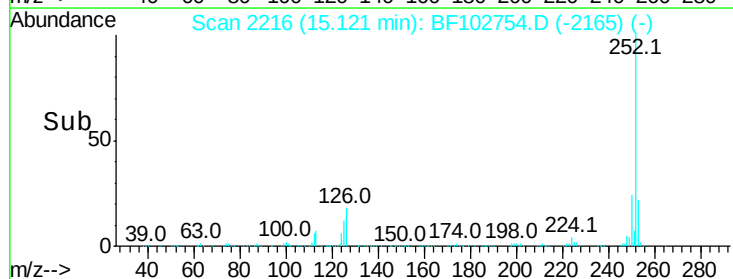
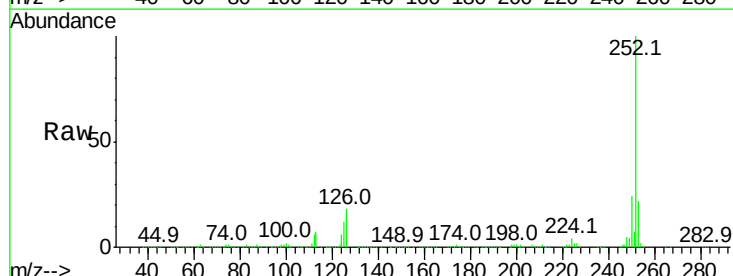
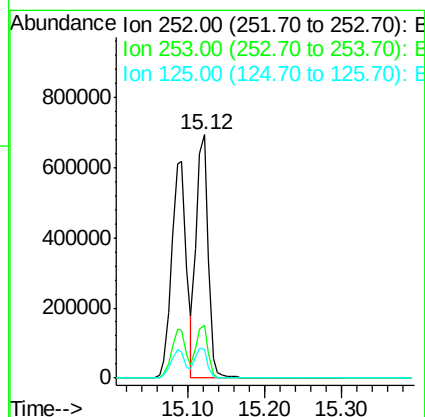
RT: 15.12 min Scan# 2216

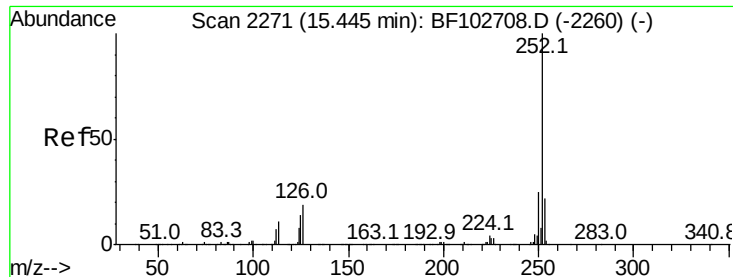
Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.8	10.2	15.2





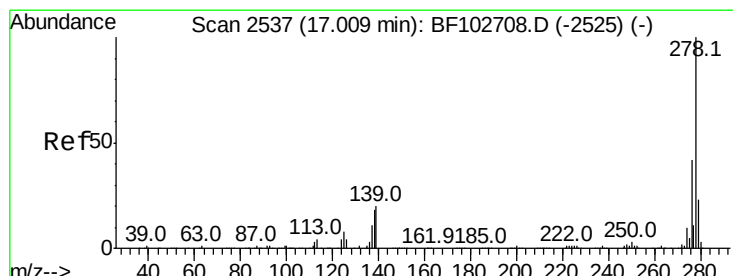
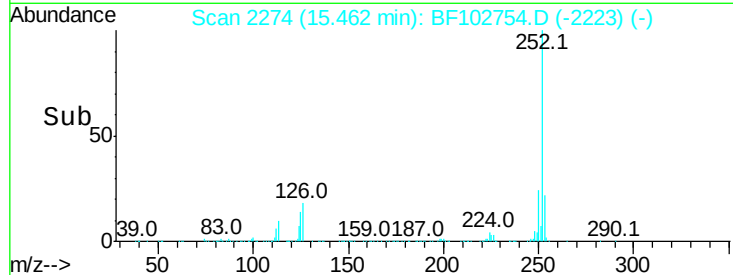
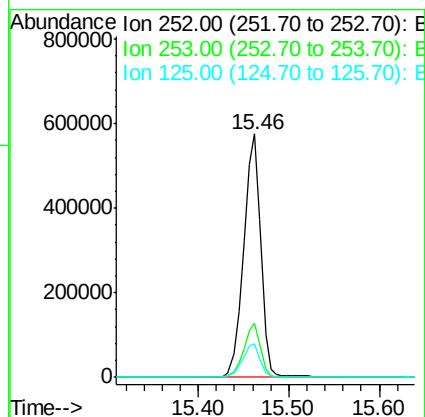
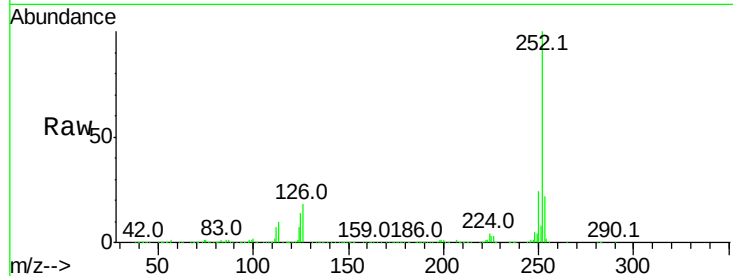
#89
Benzo(a)pyrene
Concen: 46.187 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.8	9.8	14.6

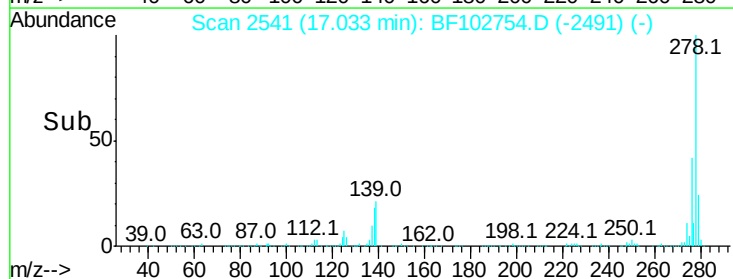
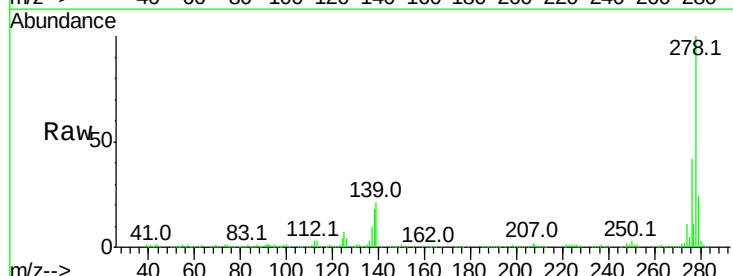
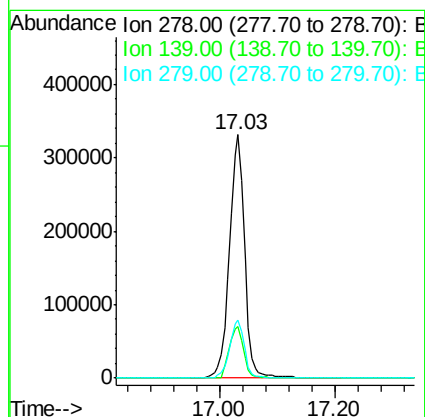
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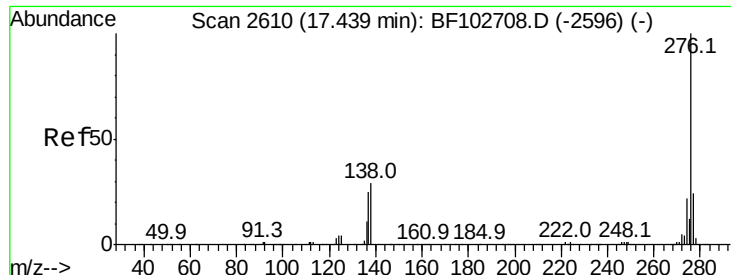
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#90
Dibenzo(a,h)anthracene
Concen: 45.277 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.753 ng
 RT: 17.47 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB106322BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	26.1	21.8	32.8

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