

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF013018\
 Data File : BF102633.D
 Acq On : 30 Jan 2018 12:26
 Operator : SJ/JU
 Sample : PB106136BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Manual Integrations
 APPROVED

Sohil
 1/31/2018 4:47:25 PM

Quant Time: Jan 30 22:35:06 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	147298	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	627853	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	283839	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	506412	20.00	ng	0.00
75) Chrysene-d12	13.88	240	413161	20.00	ng	0.00
86) Perylene-d12	15.30	264	378189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1151954	118.58	ng	0.01
7) Phenol-d6	6.37	99	1383287	118.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	869079	79.55	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	292734	104.09	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1533277	79.43	ng	0.00
78) Terphenyl-d14	12.82	244	1471032	80.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	183807	39.822	ng	98
3) Pyridine	3.15	79	491875	40.778	ng	95
4) n-Nitrosodimethylamine	3.11	42	236775	50.070	ng	100
6) Aniline	6.38	93	204740	13.217	ng	# 1
8) 2-Chlorophenol	6.50	128	448116	44.004	ng	99
9) Benzaldehyde	6.26	77	209702	29.622	ng	95
10) Phenol	6.38	94	522799	40.888	ng	88
11) bis(2-Chloroethyl)ether	6.45	93	419477	43.135	ng	95
12) 1,3-Dichlorobenzene	6.65	146	475656	39.274	ng	99
13) 1,4-Dichlorobenzene	6.73	146	473096	38.996	ng	99
14) 1,2-Dichlorobenzene	6.88	146	435004	39.200	ng	99
15) Benzyl Alcohol	6.87	79	332699	40.261	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	639153	39.188	ng	# 26
17) 2-Methylphenol	6.99	107	364187	41.178	ng	# 89
18) Hexachloroethane	7.22	117	172644	40.837	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	300694	41.954	ng	97
20) 3+4-Methylphenols	7.14	107	487051	46.824	ng	98
22) Acetophenone	7.13	105	619324	41.379	ng	98
24) Nitrobenzene	7.30	77	458798	41.034	ng	94
25) Isophorone	7.54	82	836546	42.950	ng	99
26) 2-Nitrophenol	7.62	139	253592	43.094	ng	98
27) 2,4-Dimethylphenol	7.66	122	403772	47.254	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	532501	44.257	ng	99
29) 2,4-Dichlorophenol	7.86	162	381737	43.858	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	356834	38.245	ng	98
31) Naphthalene	8.02	128	1254559	40.021	ng	99
32) Benzoic acid	7.82	122	273591	38.217	ng	96
33) 4-Chloroaniline	8.08	127	107038	8.120	ng	96
34) Hexachlorobutadiene	8.13	225	185014	37.128	ng	98
35) Caprolactam	8.46	113	132305m	46.026	ng	
36) 4-Chloro-3-methylphenol	8.57	107	404062	44.042	ng	100
37) 2-Methylnaphthalene	8.71	142	857317	41.066	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	336372	39.390	ng	99
40) Hexachlorocyclopentadiene	8.85	237	216497	56.650	ng	95

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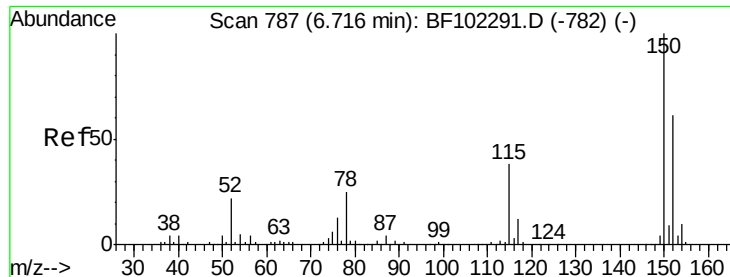
Manual Integrations
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 1/31/2018 4:47:25 PM

Quant Time: Jan 30 22:35:06 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	232421	40.657	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	246408	38.283	ng	96
45) 1,1'-Biphenyl	9.17	154	994153	39.171	ng	98
46) 2-Chloronaphthalene	9.20	162	773920	39.231	ng	99
47) 2-Nitroaniline	9.30	65	263009	42.763	ng	94
48) Acenaphthylene	9.62	152	1176846	38.291	ng	99
49) Dimethylphthalate	9.47	163	915727	39.032	ng	100
50) 2,6-Dinitrotoluene	9.55	165	205672	40.661	ng	87
51) Acenaphthene	9.78	154	690497	38.469	ng	99
52) 3-Nitroaniline	9.72	138	94534	15.798	ng	98
53) 2,4-Dinitrophenol	9.84	184	190103	83.590	ng	# 22
54) Dibenzofuran	9.96	168	997183	41.049	ng	97
55) 4-Nitrophenol	9.90	139	241312	61.093	ng	90
56) 2,4-Dinitrotoluene	9.96	165	249489	40.109	ng	# 84
57) Fluorene	10.30	166	817030	42.444	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	193512	42.108	ng	96
59) Diethylphthalate	10.17	149	891580	39.107	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	350221	41.964	ng	95
61) 4-Nitroaniline	10.34	138	211489	35.419	ng	91
62) Azobenzene	10.45	77	850541	40.748	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	129216	38.246	ng	92
65) n-Nitrosodiphenylamine	10.42	169	737493	39.677	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	219130	40.196	ng	93
67) Hexachlorobenzene	10.85	284	221781	36.376	ng	99
68) Atrazine	10.95	200	234368	42.692	ng	98
69) Pentachlorophenol	11.05	266	195609	61.075	ng	98
70) Phenanthrene	11.26	178	1156281	39.183	ng	99
71) Anthracene	11.32	178	1207434	40.087	ng	99
72) Carbazole	11.47	167	1174220	39.960	ng	99
73) Di-n-butylphthalate	11.79	149	1426504	38.837	ng	99
74) Fluoranthene	12.45	202	1236155	41.078	ng	98
76) Benzidine	12.57	184	287999	20.750	ng	99
77) Pyrene	12.68	202	1245683	38.996	ng	100
79) Butylbenzylphthalate	13.29	149	646186	40.648	ng	100
80) Benzo(a)anthracene	13.87	228	1092065	42.932	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	223389	23.940	ng	96
82) Chrysene	13.91	228	1032666	39.978	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	866739	40.570	ng	100
84) Di-n-octyl phthalate	14.46	149	1449896	41.732	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.72	276	807694	37.861	ng	97
87) Benzo(b)fluoranthene	14.90	252	1019797	41.603	ng	97
88) Benzo(k)fluoranthene	14.93	252	895620	38.673	ng	99
89) Benzo(a)pyrene	15.25	252	910559	41.188	ng	# 97
90) Dibenzo(a,h)anthracene	16.73	278	666997	37.246	ng	99
91) Benzo(g,h,i)perylene	17.14	276	675436	38.199	ng	97

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



#1

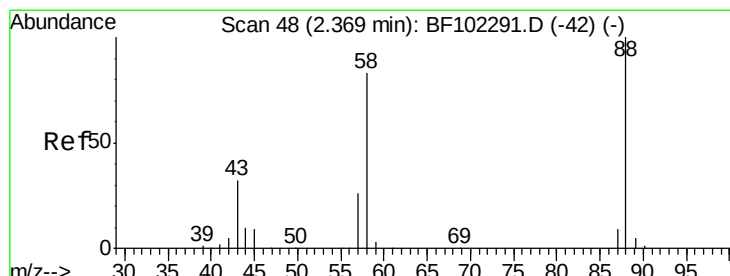
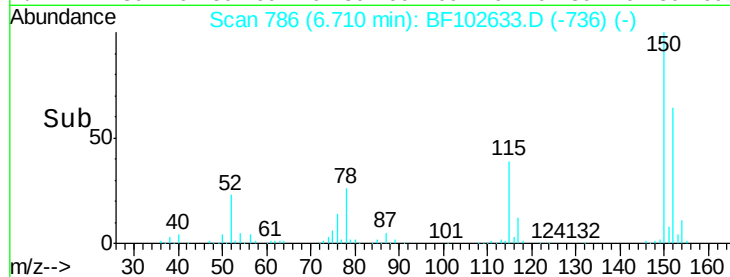
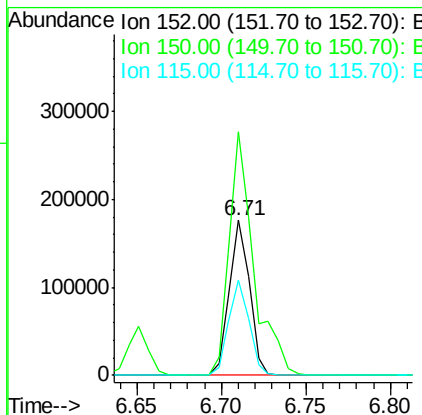
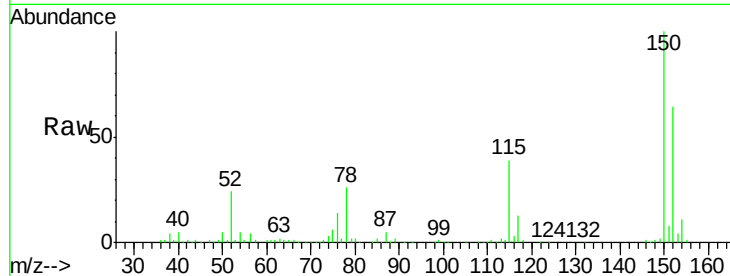
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	61.6	50.1	75.1

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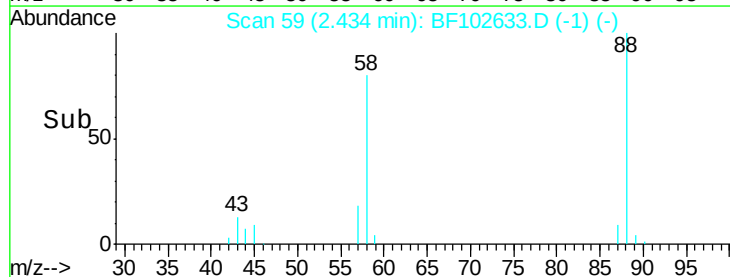
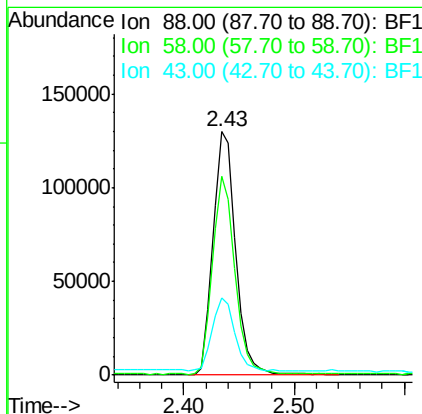
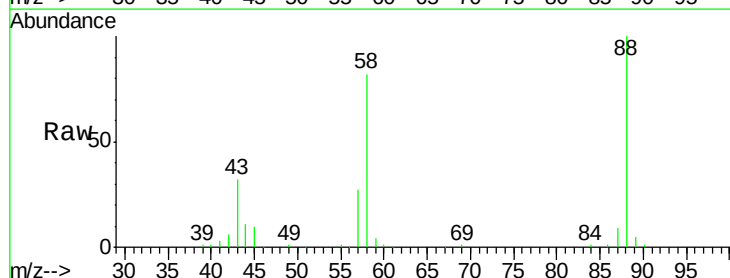
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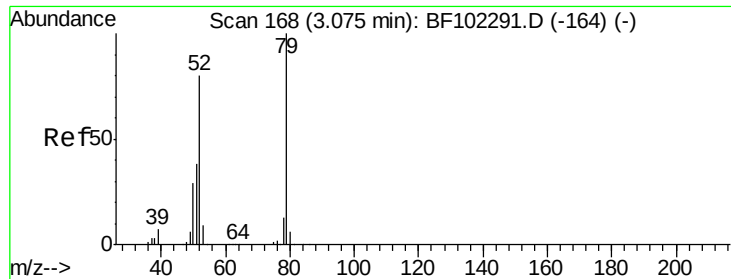


#2

1,4-Dioxane
Concen: 39.822 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.07 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	62.6	93.8
43	30.0	24.6	37.0





#3

Pyridine

Concen: 40.778 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

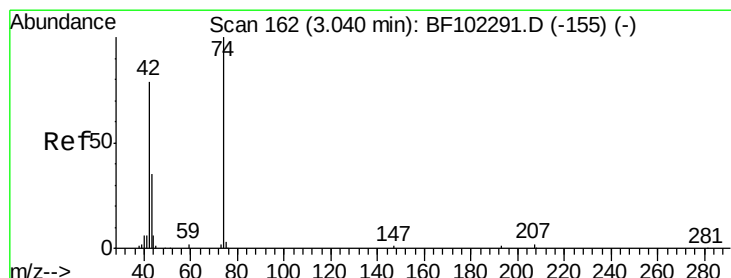
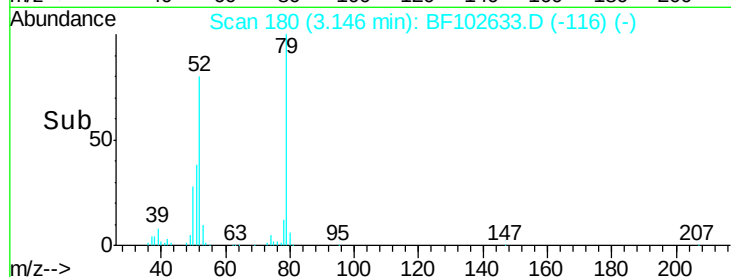
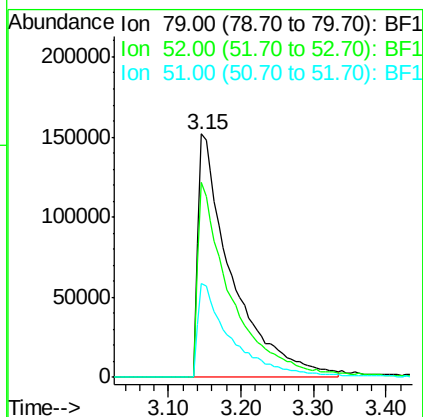
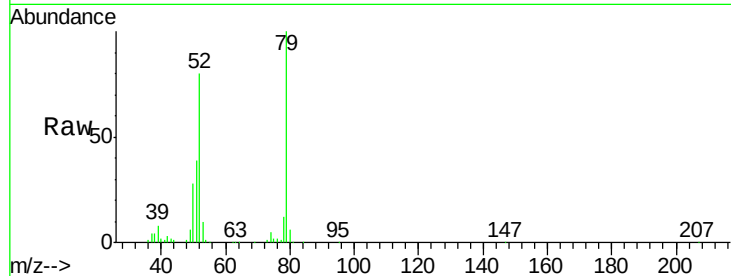
ClientSampleId :

PB106136BS

Tgt Ion:	79	Resp:	491875
Ion Ratio	Lower	Upper	
79	100		
52	80.0	59.8	89.6
51	38.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.070 ng

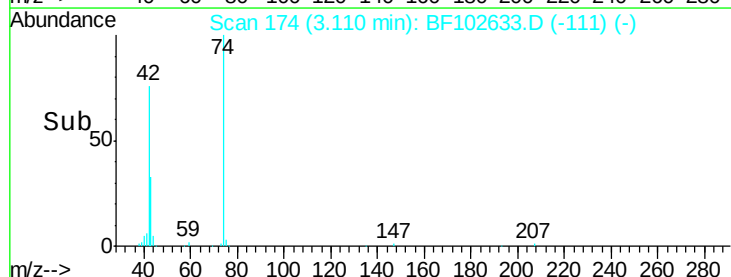
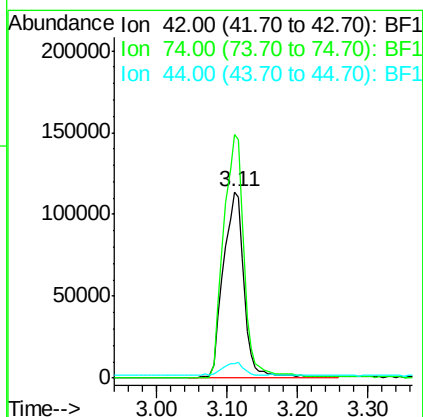
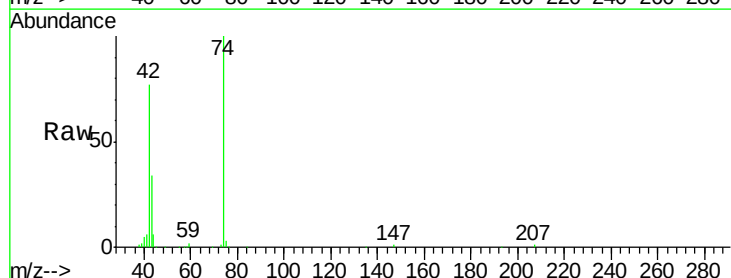
RT: 3.11 min Scan# 174

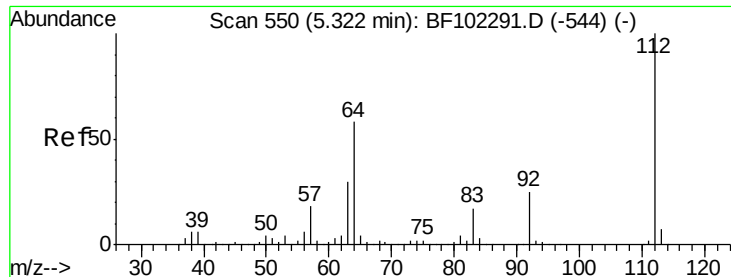
Delta R.T. 0.07 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:	42	Resp:	236775
Ion Ratio	Lower	Upper	
42	100		
74	130.7	104.9	157.3
44	7.8	6.9	10.3





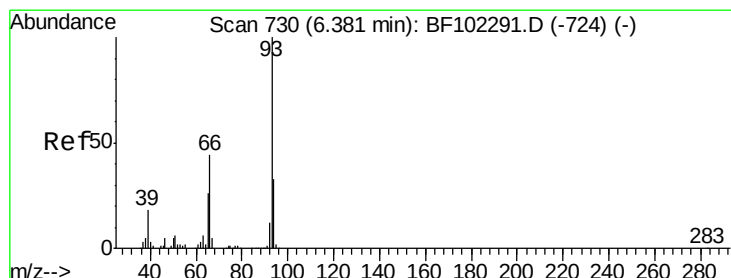
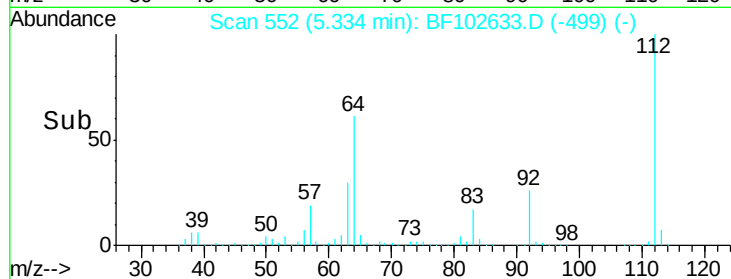
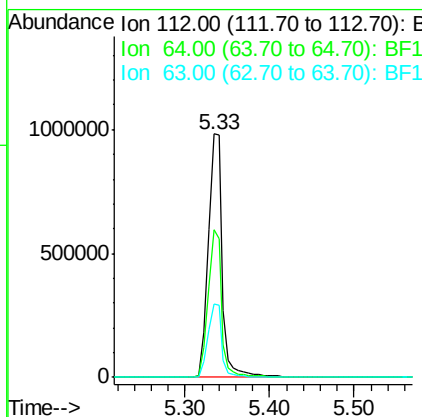
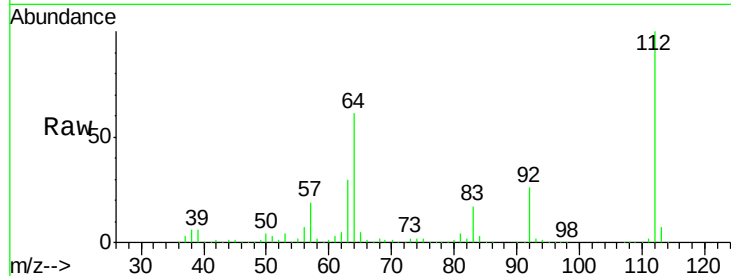
#5
 2-Fluorophenol
 Concen: 118.580 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.3	23.7	35.5

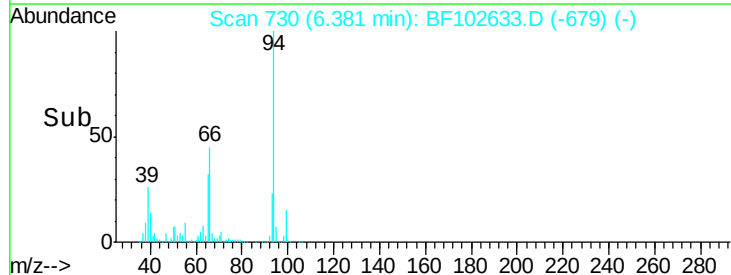
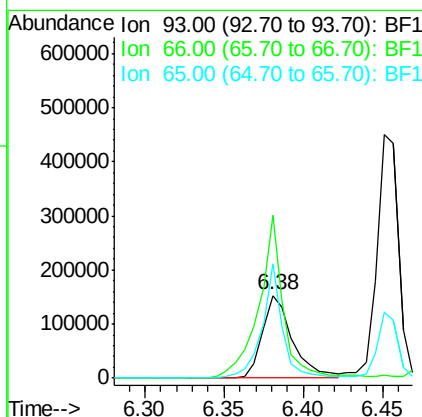
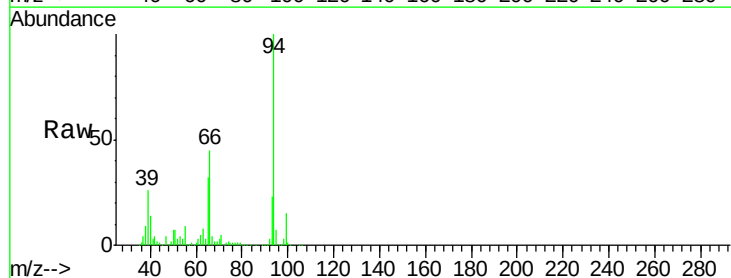
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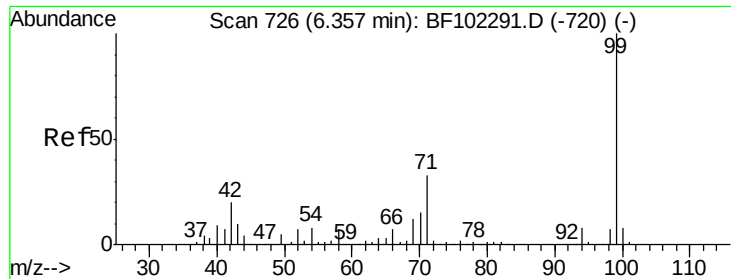
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#6
 Aniline
 Concen: 13.217 ng
 RT: 6.38 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
66	197.3	32.2	48.2#
65	138.5	16.4	24.6#





#7

Phenol-d6

Concen: 118.111 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB106136BS

Tgt Ion: 99 Resp: 1383287

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

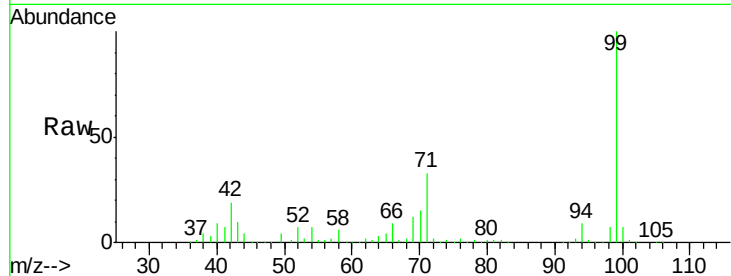
71 33.3 25.4 38.0

Manual Integrations

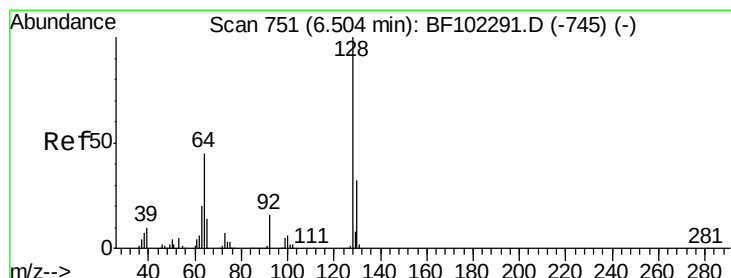
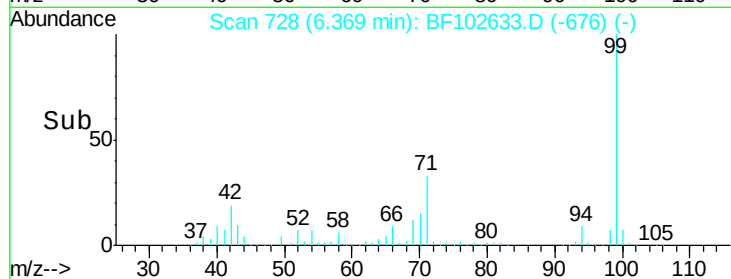
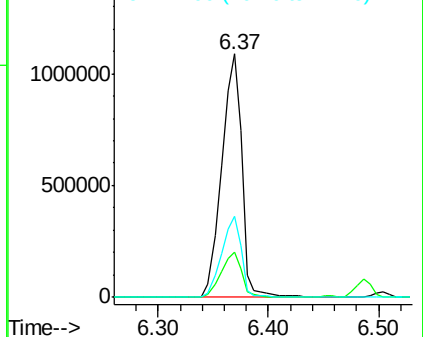
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.004 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

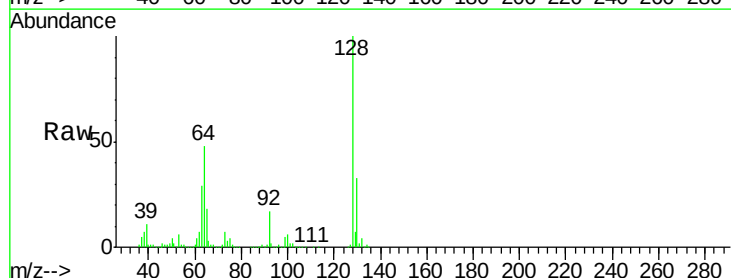
Tgt Ion: 128 Resp: 448116

Ion Ratio Lower Upper

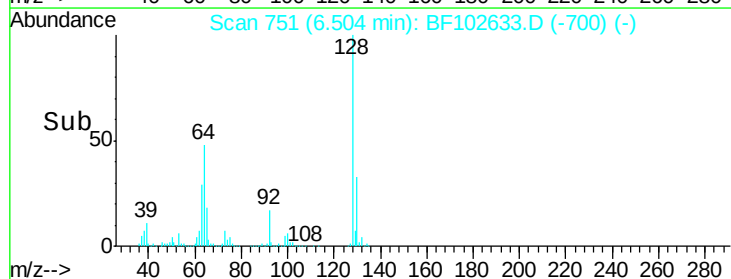
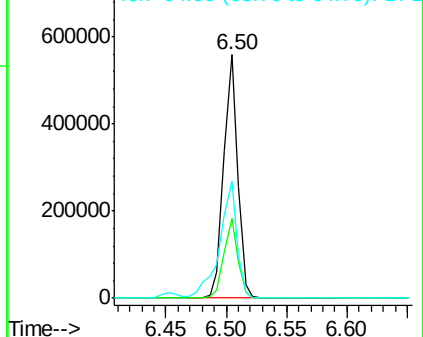
128 100

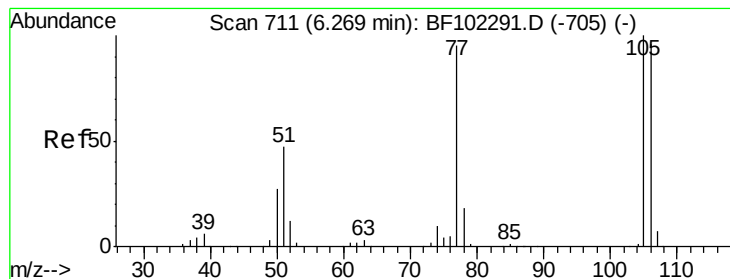
130 32.9 13.0 53.0

64 47.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 29.622 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB106136BS

Tgt Ion: 77 Resp: 209702

Ion Ratio Lower Upper

77 100

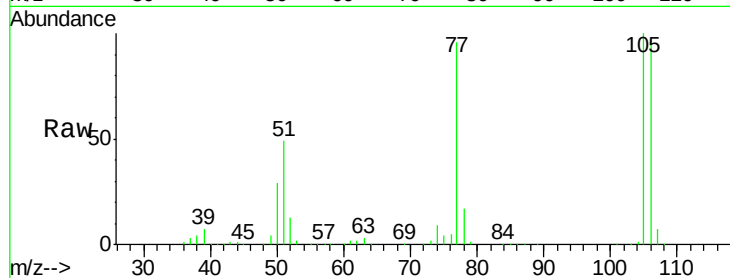
105 104.6 81.1 121.1

106 101.5 74.5 114.5

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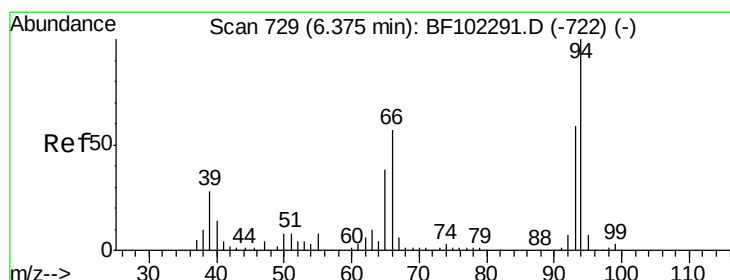
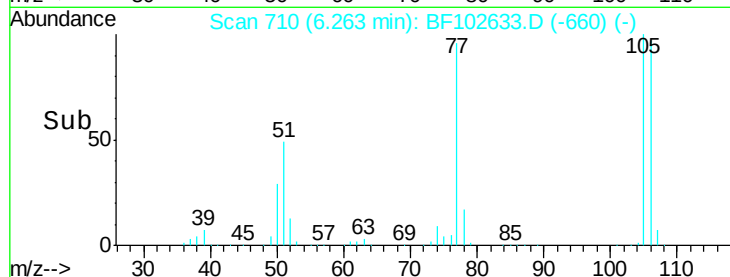
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.26

Time-->



#10

Phenol

Concen: 40.888 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

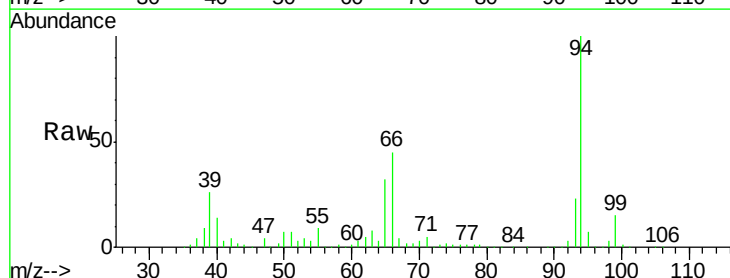
Tgt Ion: 94 Resp: 522799

Ion Ratio Lower Upper

94 100

65 31.8 7.9 47.9

66 45.3 16.2 56.2



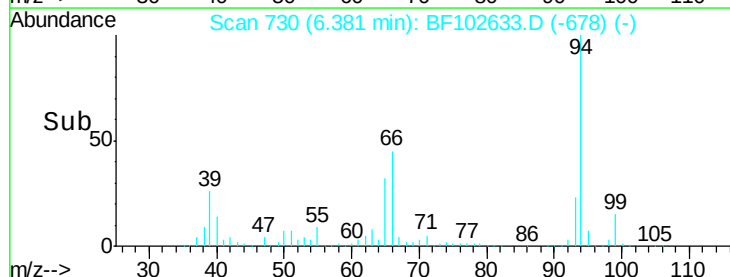
Abundance Ion 94.00 (93.70 to 94.70): BF1

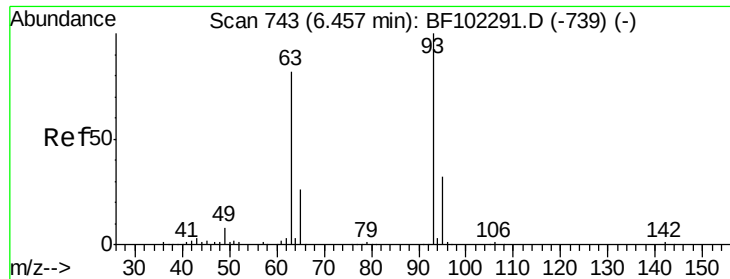
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.38

Time-->





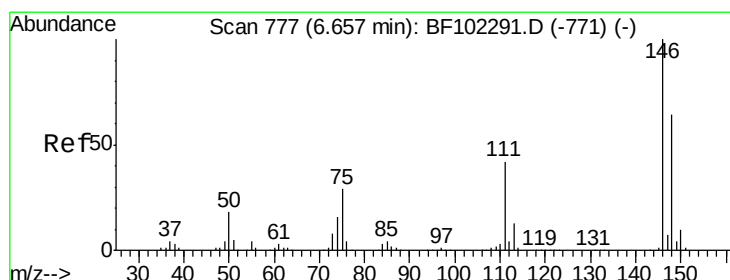
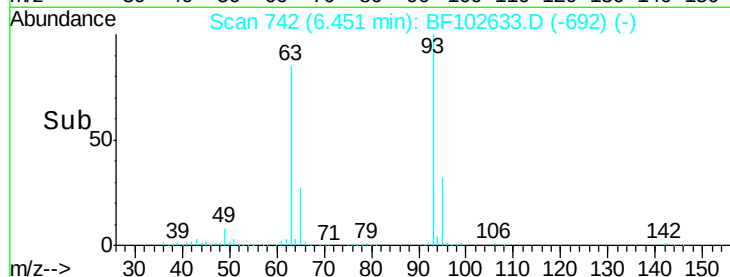
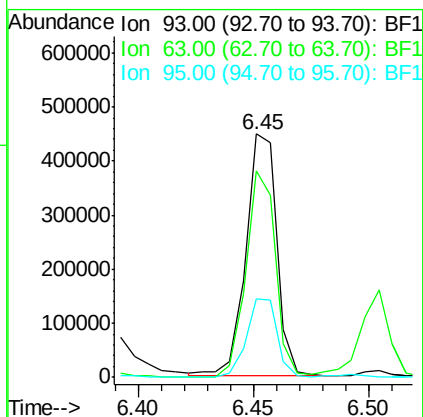
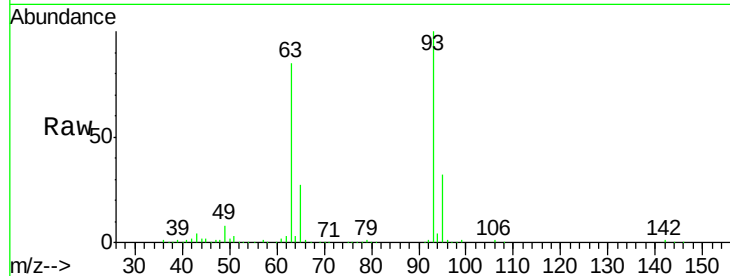
#11
bis(2-Chloroethyl)ether
Concen: 43.135 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.0	58.6	98.6
95	32.2	11.8	51.8

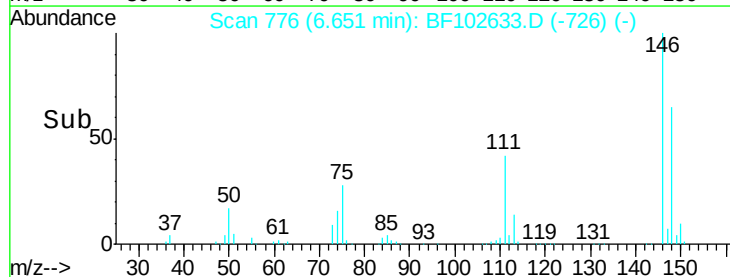
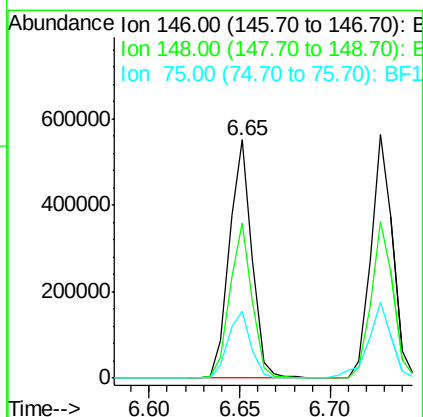
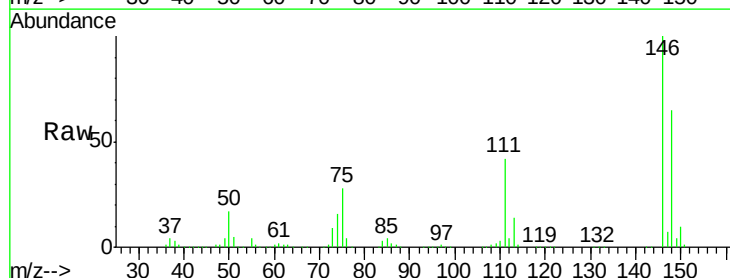
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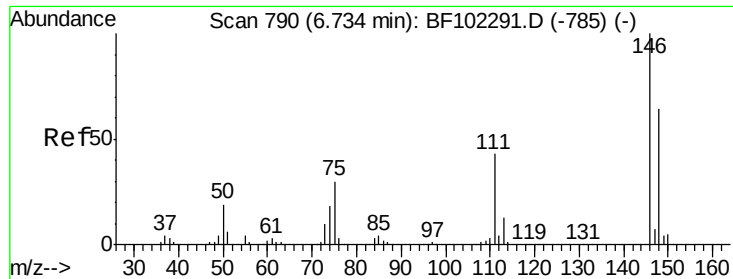
Sohil
1/31/2018 4:47:25 PM



#12
1,3-Dichlorobenzene
Concen: 39.274 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	28.4	24.2	36.4





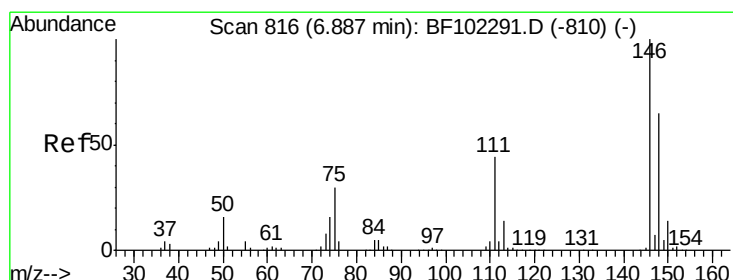
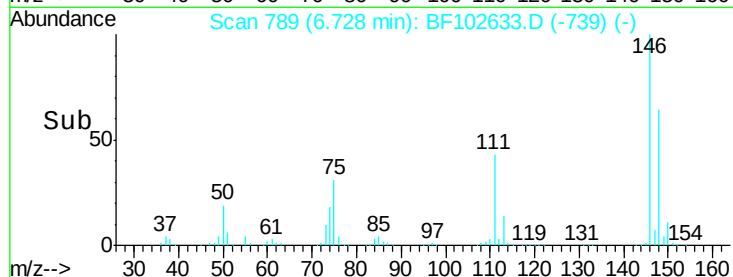
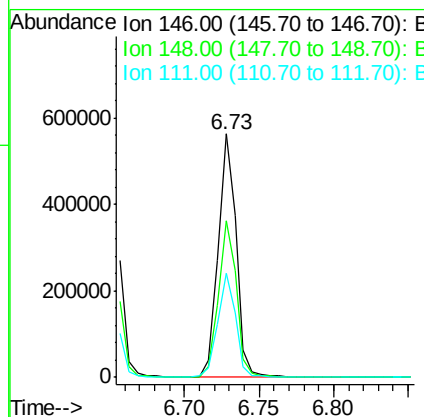
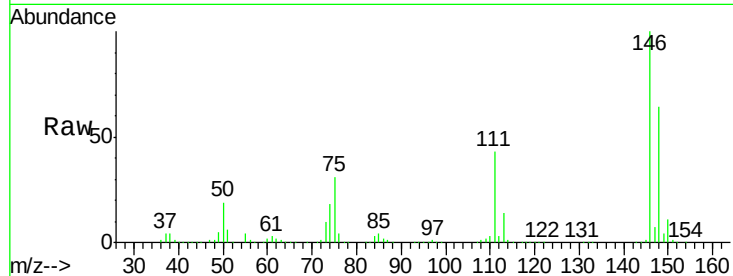
#13
 1,4-Dichlorobenzene
 Concen: 38.996 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	43.0	34.2	51.2

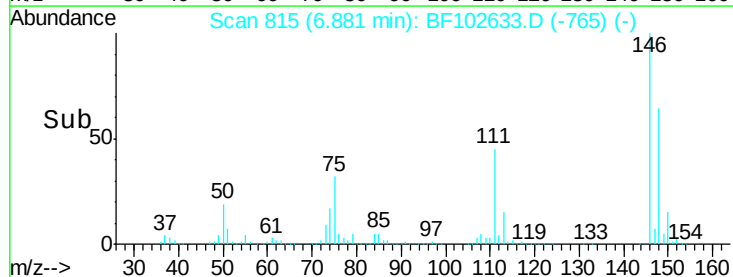
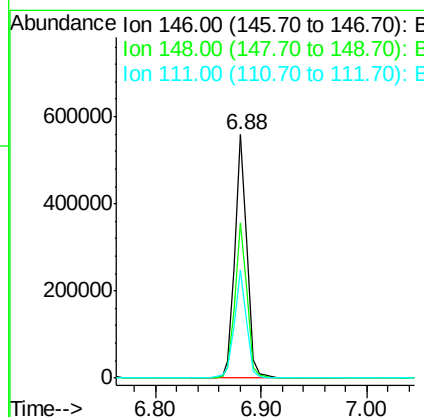
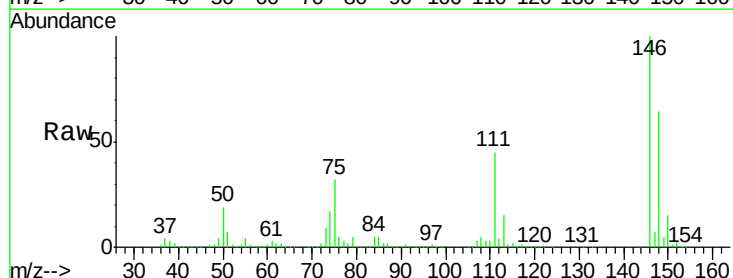
Manual Integrations
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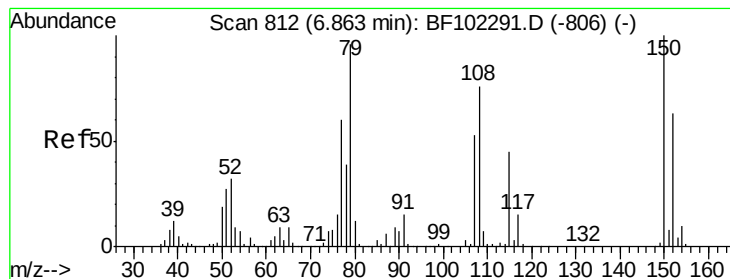
Sohil
 1/31/2018 4:47:25 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.200 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.261 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB106136BS

Tgt Ion: 79 Resp: 332699
Ion Ratio Lower Upper

79 100

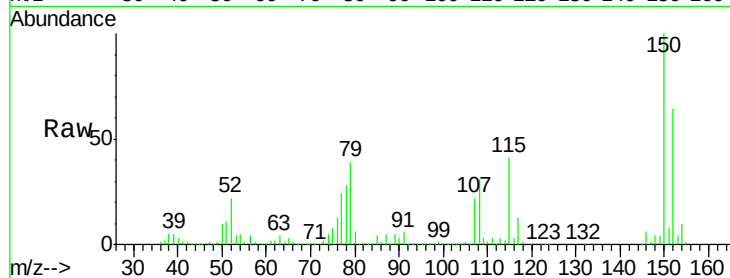
108 79.5 65.1 97.7

77 62.0 50.6 75.8

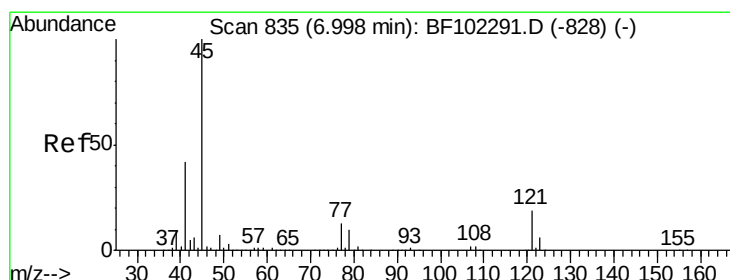
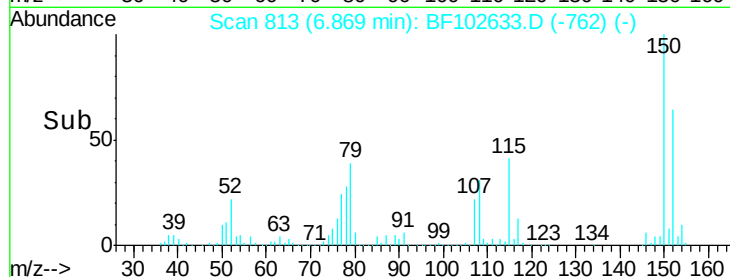
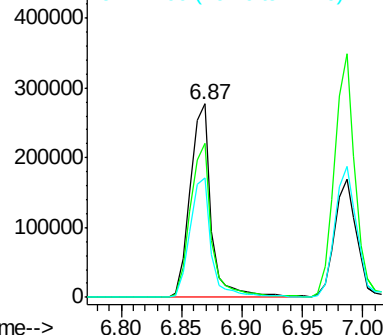
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.188 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF102633.D

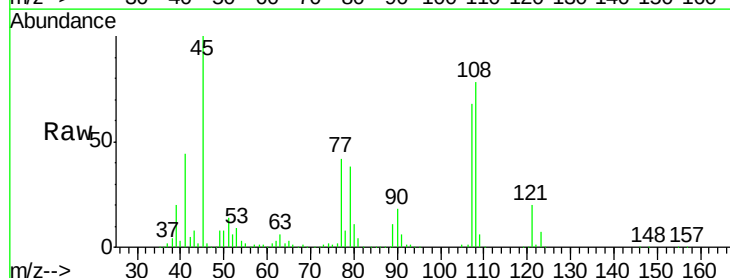
Acq: 30 Jan 2018 12:26

Tgt Ion: 45 Resp: 639153
Ion Ratio Lower Upper

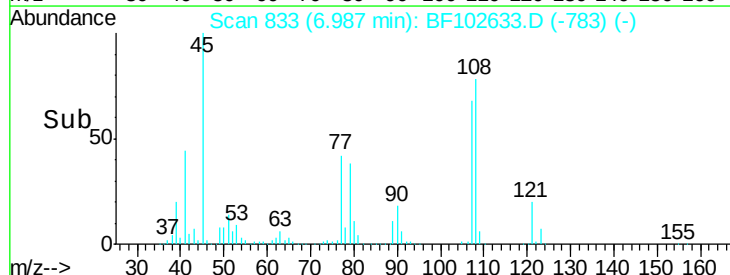
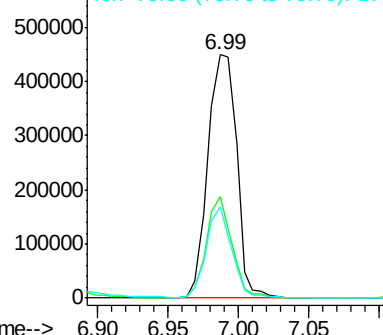
45 100

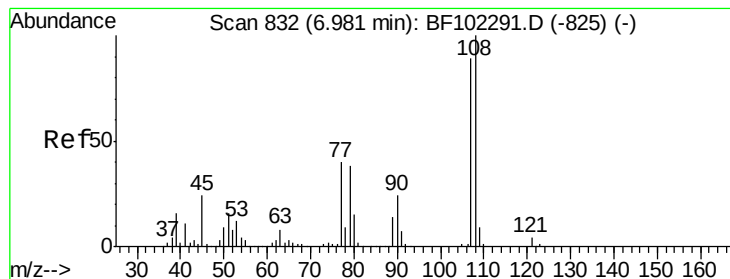
77 41.7 0.0 32.9#

79 37.8 0.0 29.6#



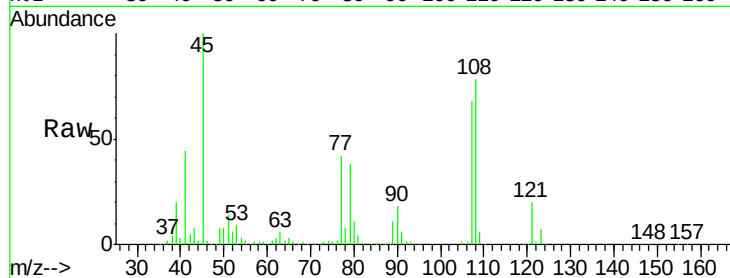
Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17
2-Methylphenol
Concen: 41.178 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

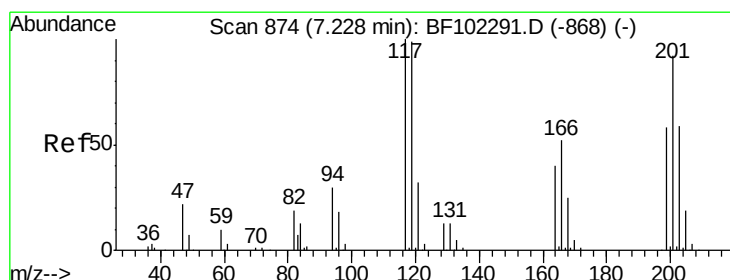
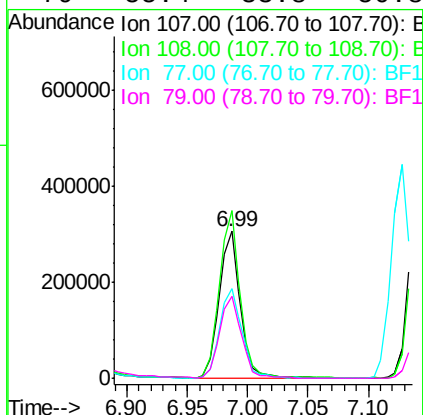
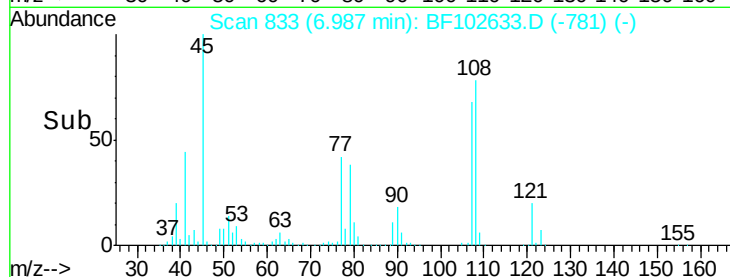
Instrument :
BNA_F
ClientSampleId :
PB106136BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.9	91.7	137.5
77	61.3	33.8	50.8#
79	55.4	33.8	50.8#

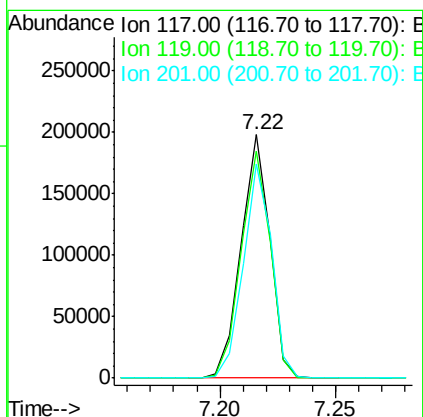
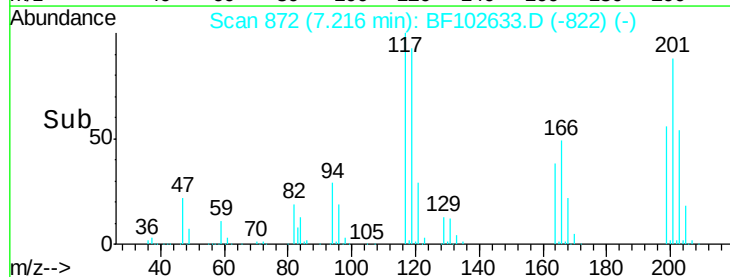
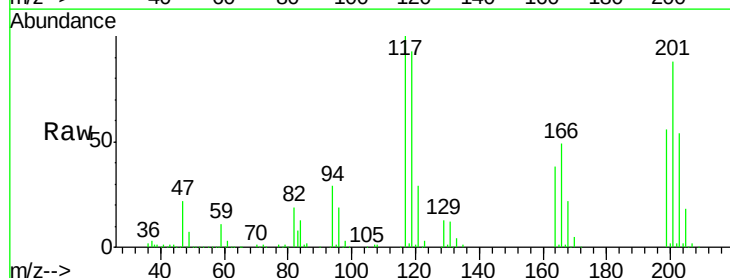
Manual Integrations
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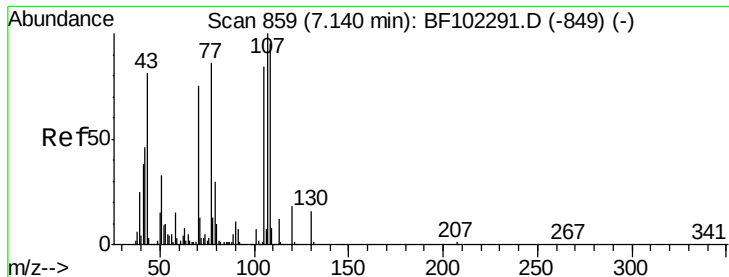
Sohil
1/31/2018 4:47:25 PM



#18
Hexachloroethane
Concen: 40.837 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	93.2	75.8	113.8
201	87.9	75.7	113.5





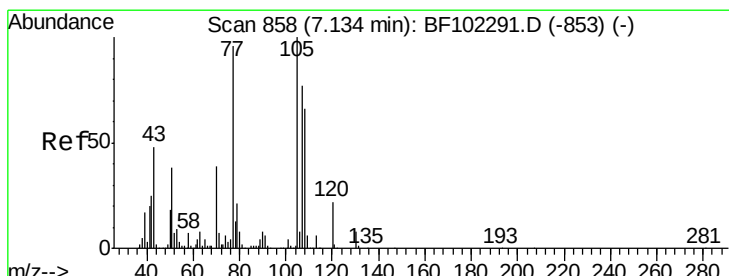
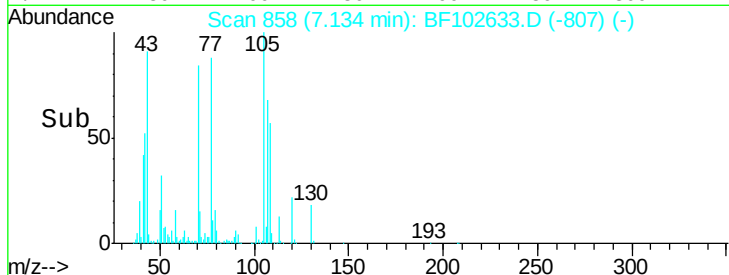
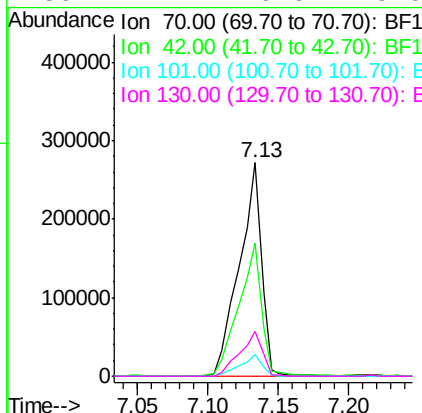
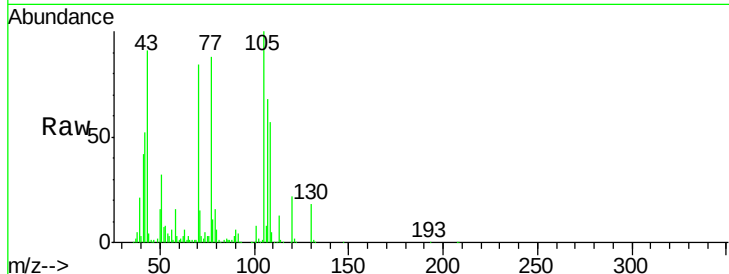
#19
n-Nitroso-di-n-propylamine
Concen: 41.954 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	10.0	7.4	11.2
130	21.1	16.6	25.0

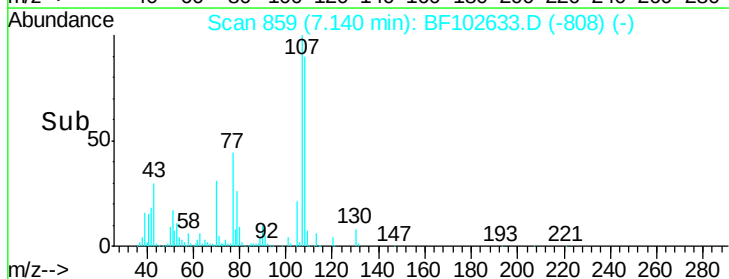
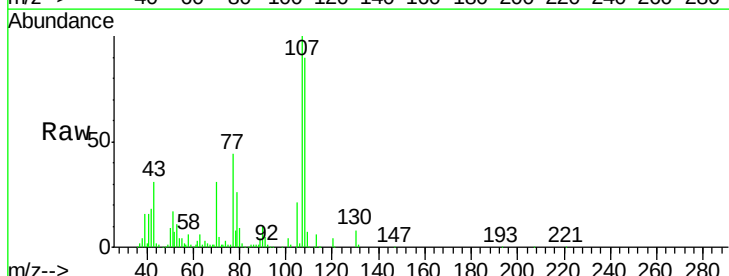
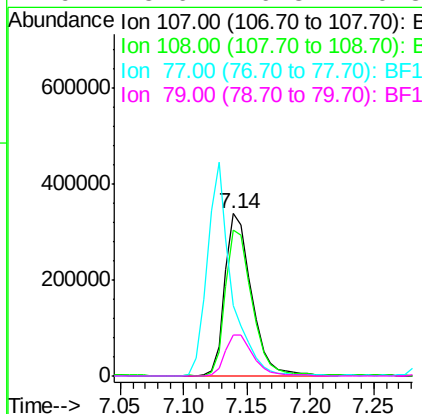
Manual Integrations
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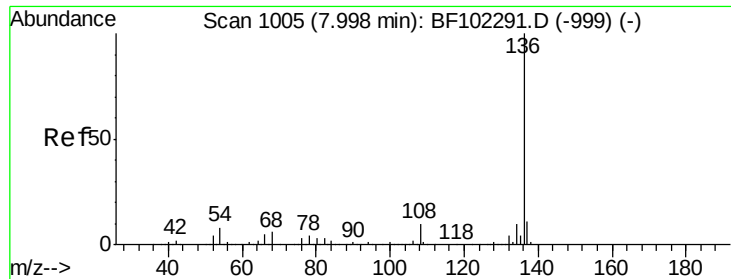
Sohil
1/31/2018 4:47:25 PM



#20
3+4-Methylphenols
Concen: 46.824 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	43.7	26.7	66.7
79	25.6	6.3	46.3





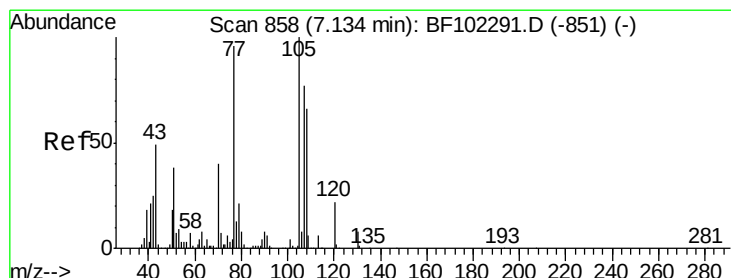
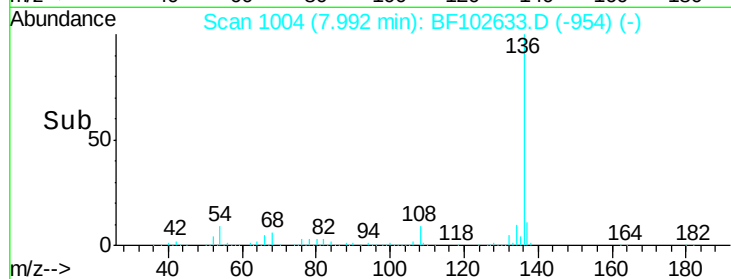
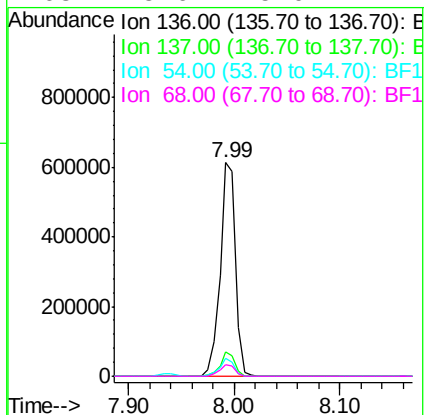
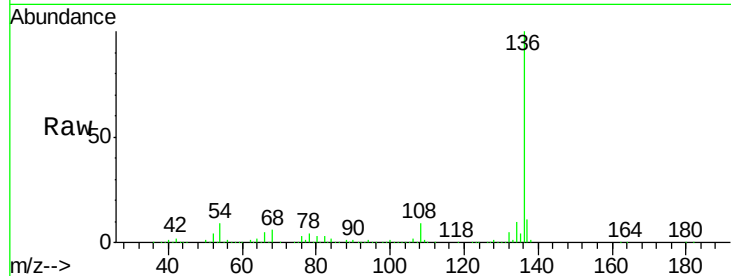
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	627853		
137	11.2	8.9	13.3	
54	8.6	6.6	9.8	
68	5.6	5.0	7.4	

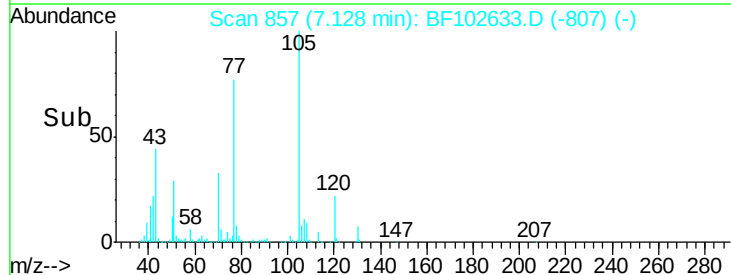
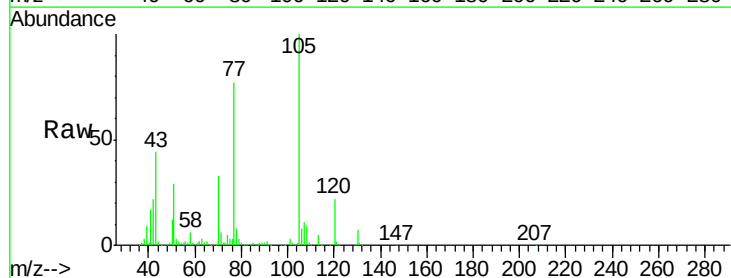
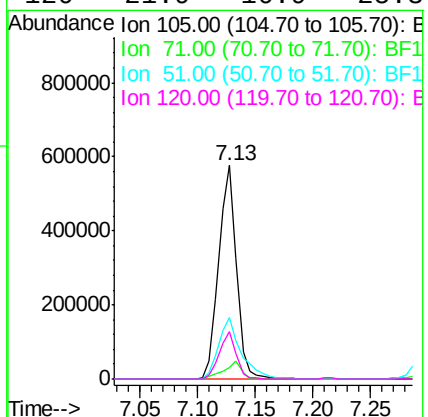
Manual Integrations
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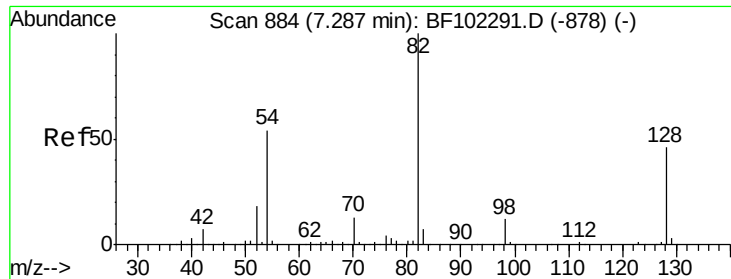
Sohil
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#22
Acetophenone
Concen: 41.379 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	619324		
71	5.6	4.4	6.6	
51	28.7	22.3	33.5	
120	21.9	16.9	25.3	





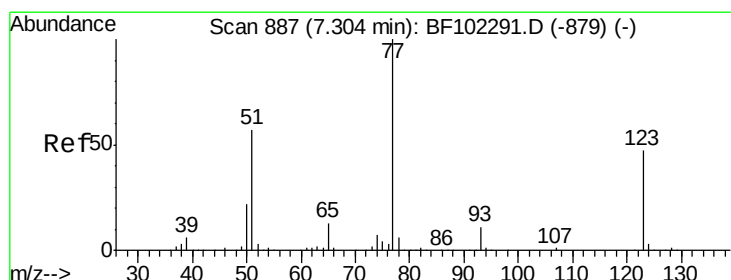
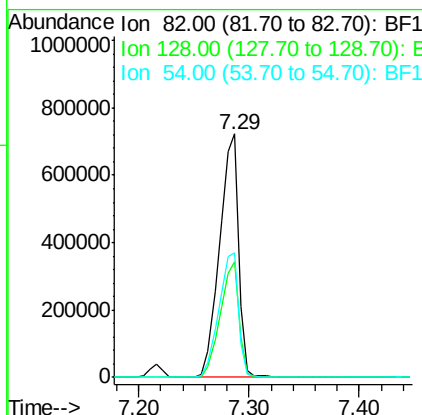
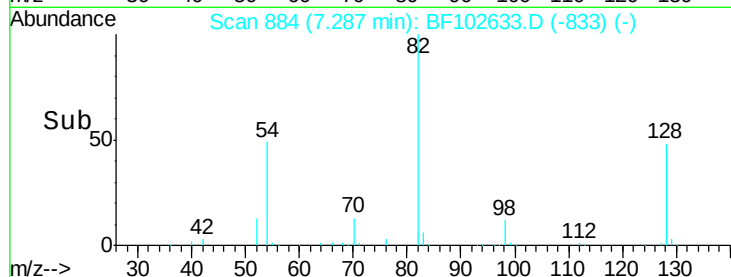
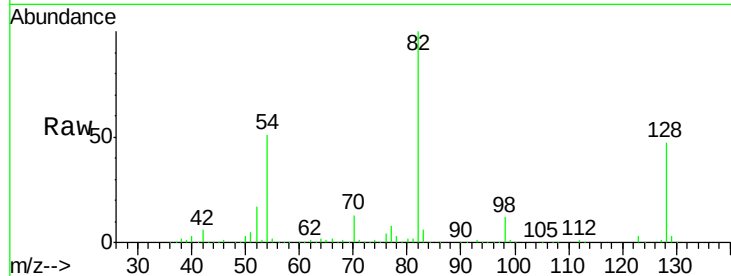
#23
 Nitrobenzene-d5
 Concen: 79.546 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampled :
 PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	869079		
128	47.4	36.1	54.1	
54	51.2	41.4	62.2	

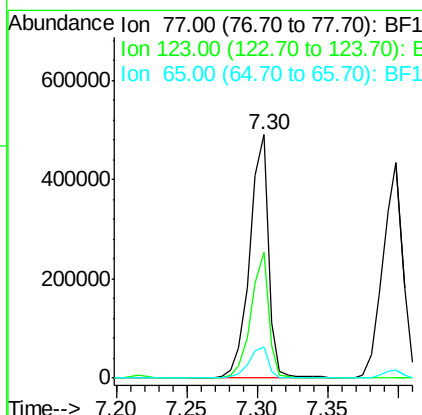
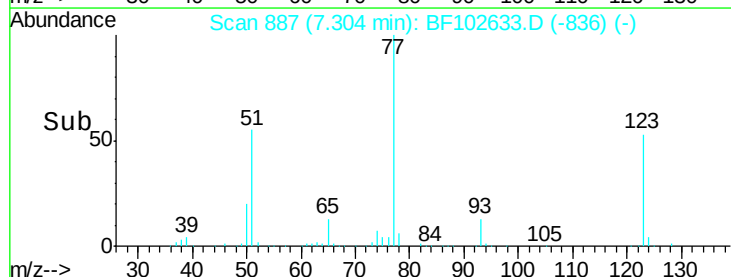
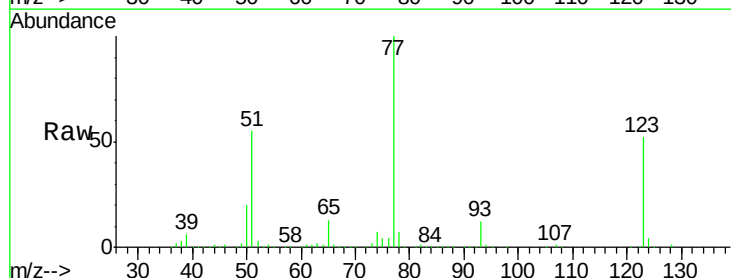
Manual Integrations
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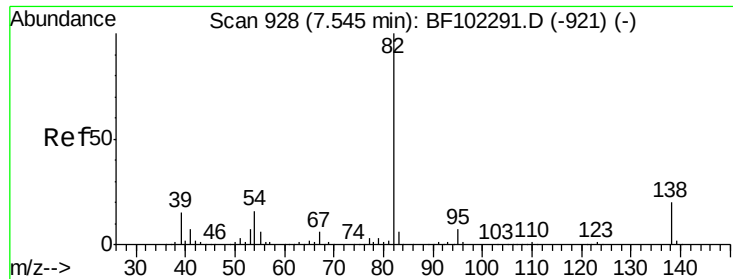
Sohil
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#24
 Nitrobenzene
 Concen: 41.034 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	458798		
123	51.9	37.9	56.9	
65	12.9	11.0	16.4	





#25

Isophorone

Concen: 42.950 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

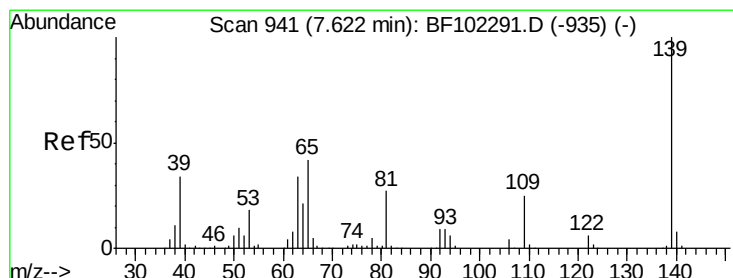
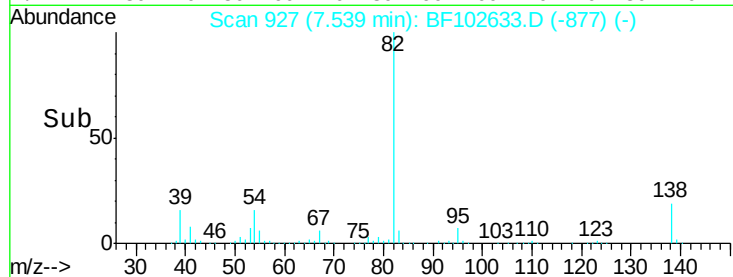
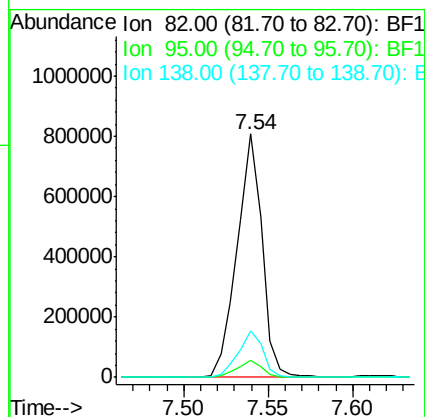
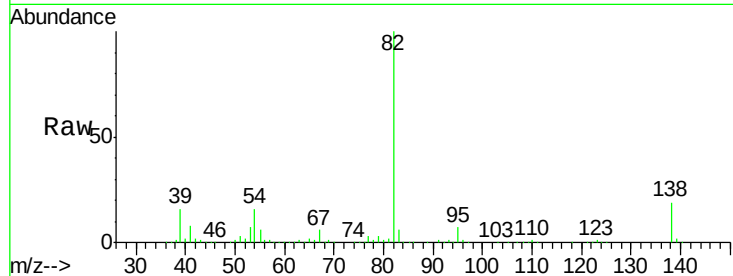
ClientSampleId :

PB106136BS

Tgt Ion:	82	Resp:	836546
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.094 ng

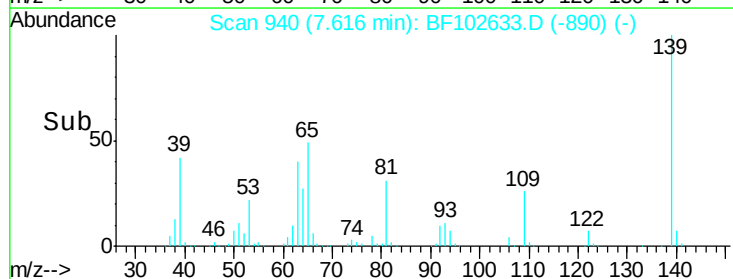
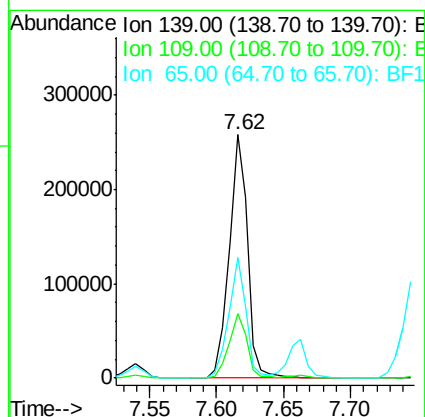
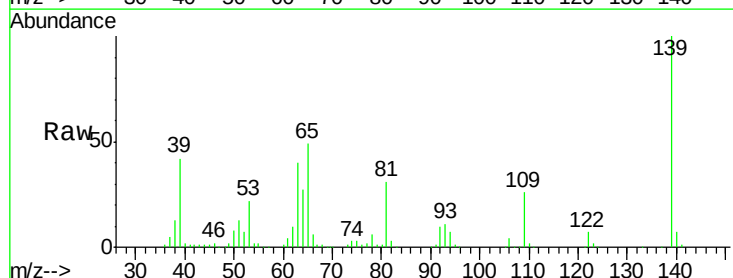
RT: 7.62 min Scan# 940

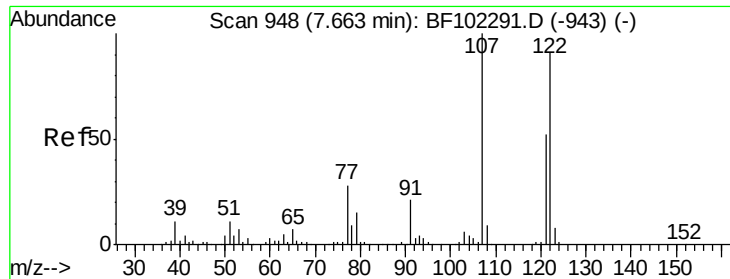
Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:	139	Resp:	253592
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	49.5	40.5	60.7





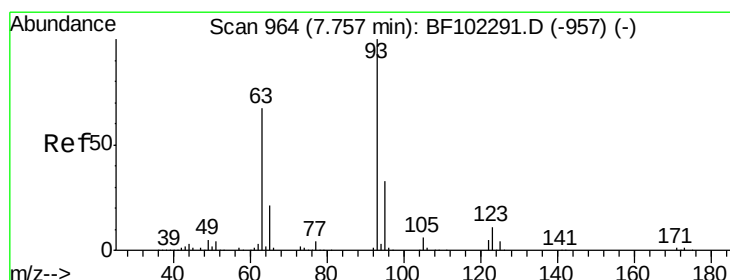
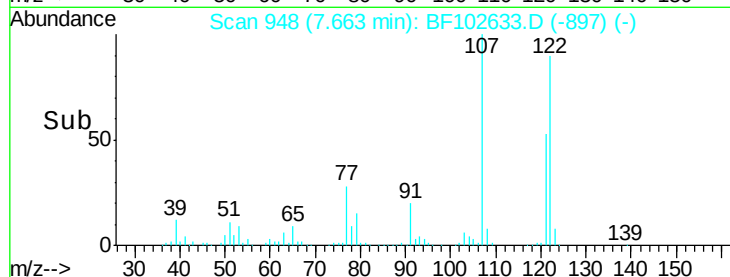
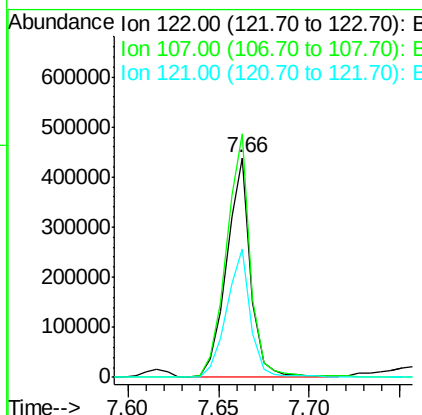
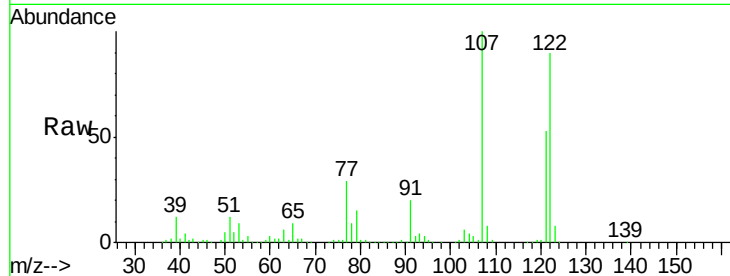
#27
2,4-Dimethylphenol
Concen: 47.254 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	403772		
107	110.7	91.2	136.8	
121	58.3	47.2	70.8	

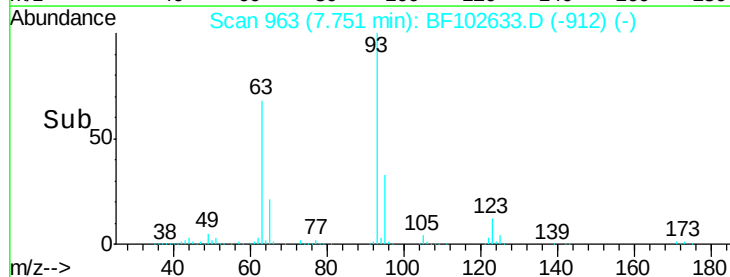
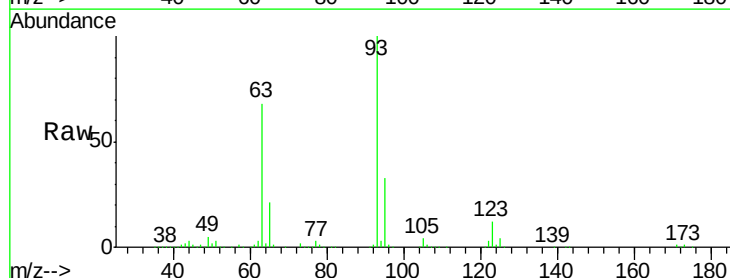
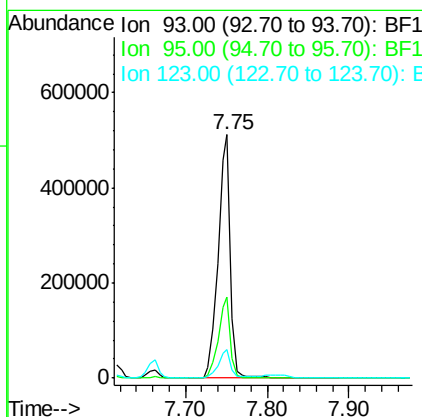
Manual Integrations
APPROVED

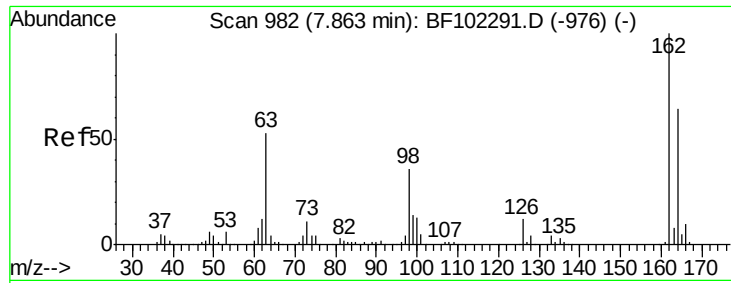
Sohil
1/31/2018 4:47:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.257 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	532501		
95	33.2	26.3	39.5	
123	11.8	9.8	14.6	





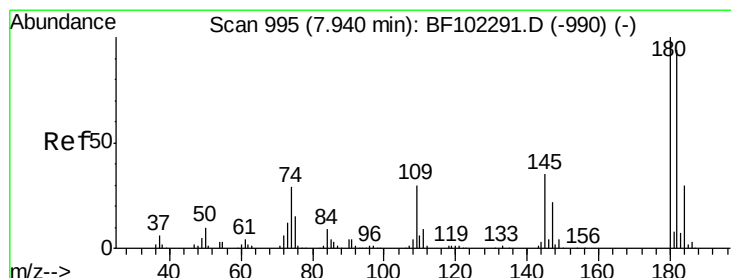
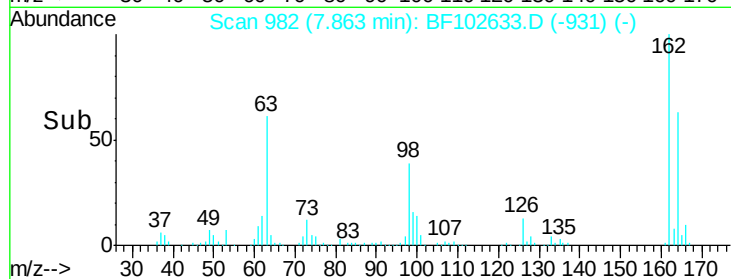
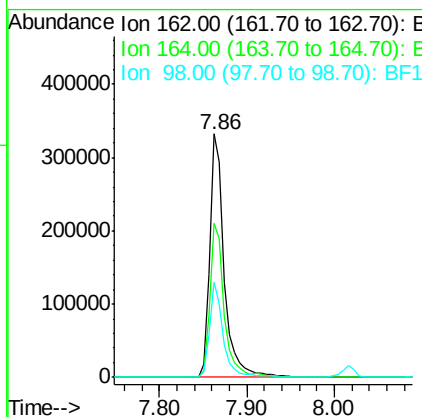
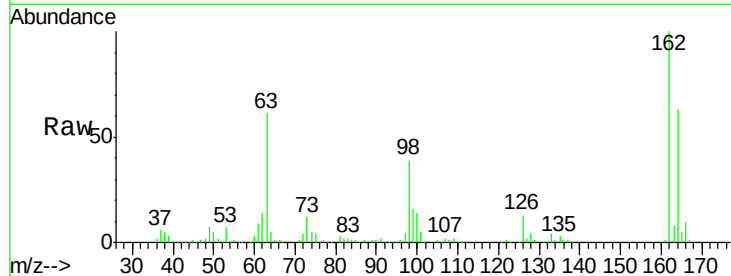
#29
2,4-Dichlorophenol
Concen: 43.858 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	381737		
164	63.1	42.7	82.7	
98	38.9	18.1	58.1	

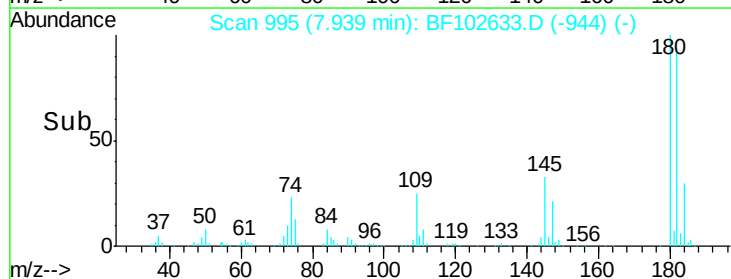
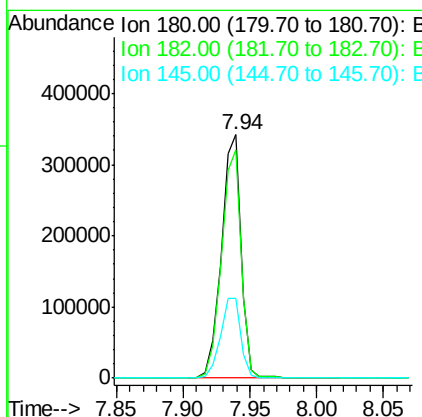
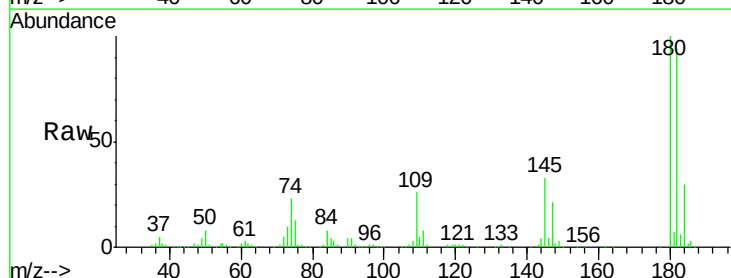
Manual Integrations
APPROVED

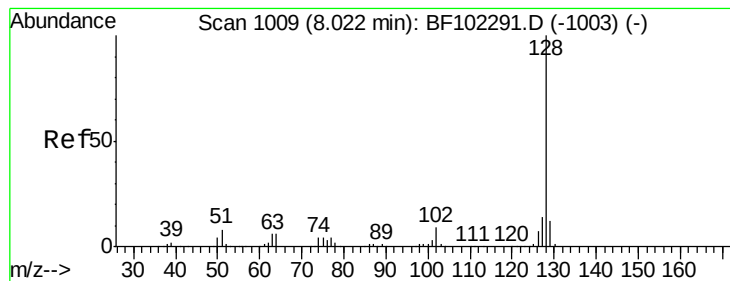
Sohil
1/31/2018 4:47:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.245 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	356834		
182	93.8	76.8	115.2	
145	32.6	26.5	39.7	





#31

Naphthalene

Concen: 40.021 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB106136BS

Tgt Ion:128 Resp: 1254559

Ion Ratio Lower Upper

128 100

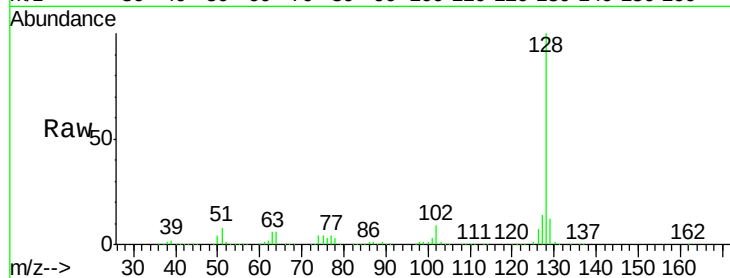
129 11.5 8.8 13.2

127 13.6 10.9 16.3

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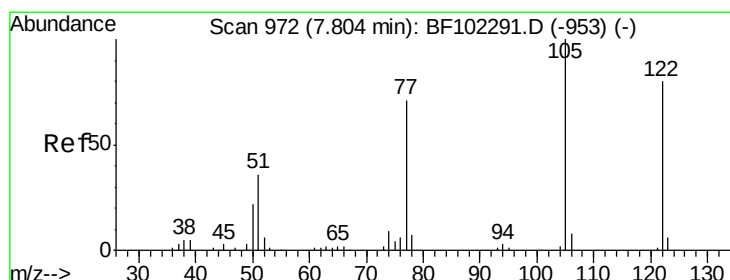
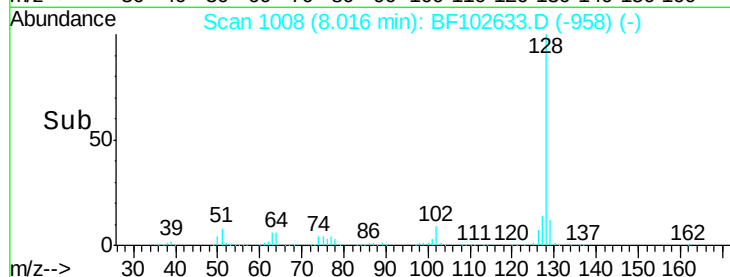
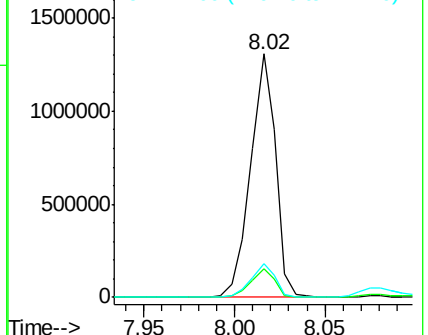
1/31/2018 4:47:25 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.217 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

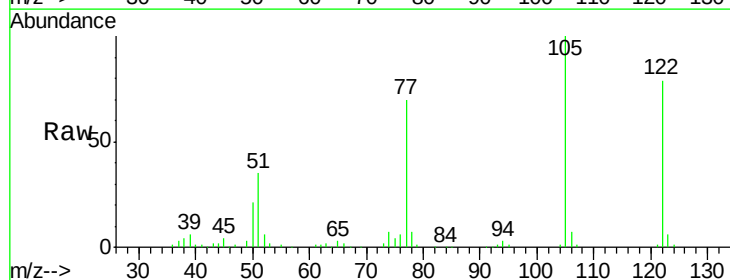
Tgt Ion:122 Resp: 273591

Ion Ratio Lower Upper

122 100

105 126.1 101.1 141.1

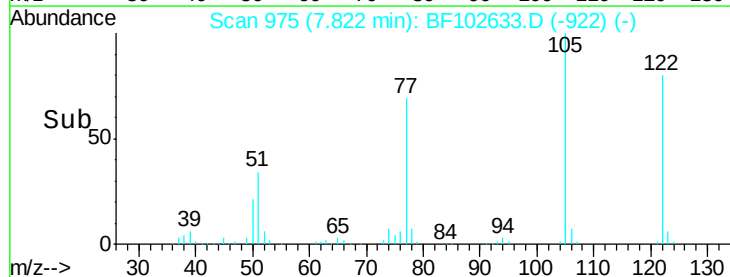
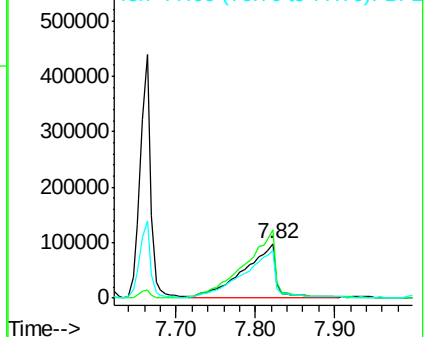
77 88.0 70.7 110.7

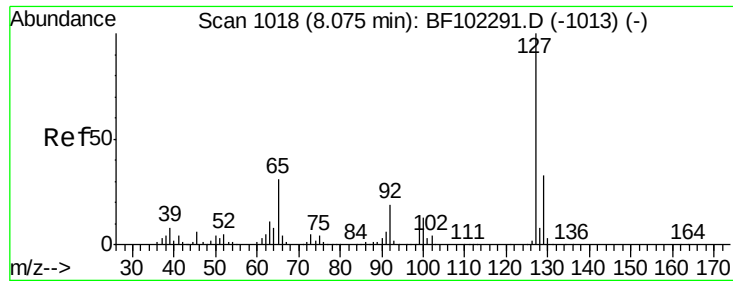


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





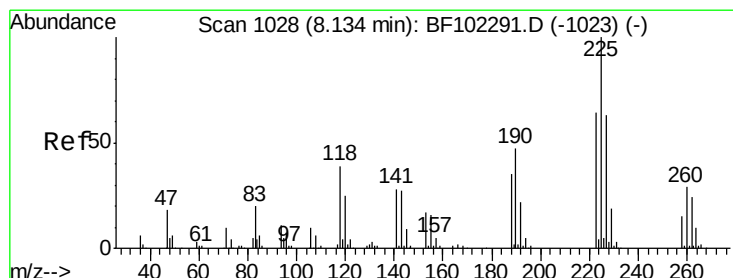
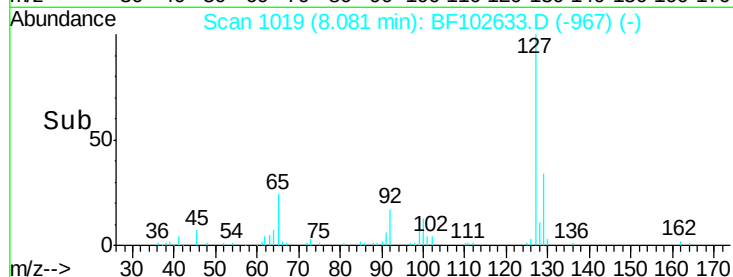
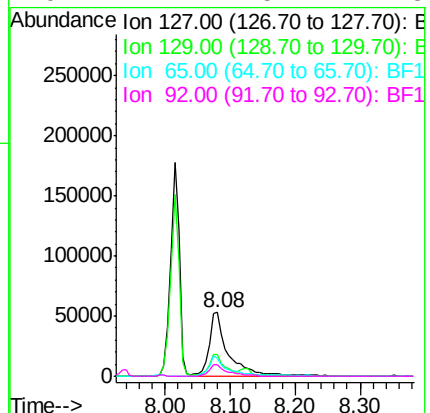
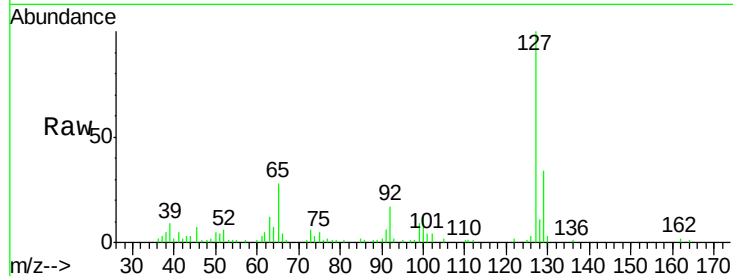
#33
4-Chloroaniline
Concen: 8.120 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampled :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	107038		
129	34.0	25.9	38.9	
65	28.5	25.0	37.4	
92	17.2	15.2	22.8	

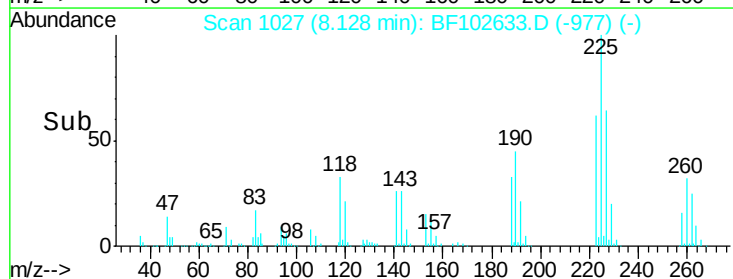
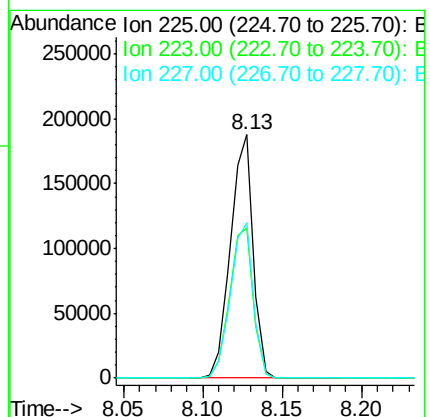
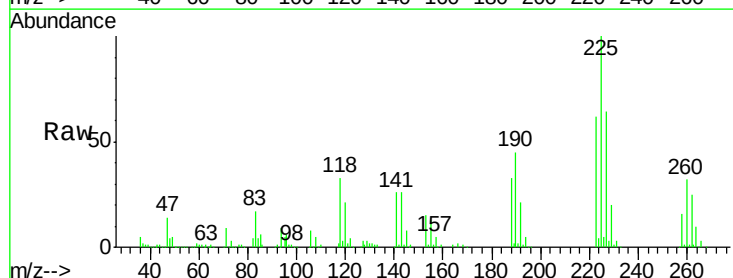
Manual Integrations
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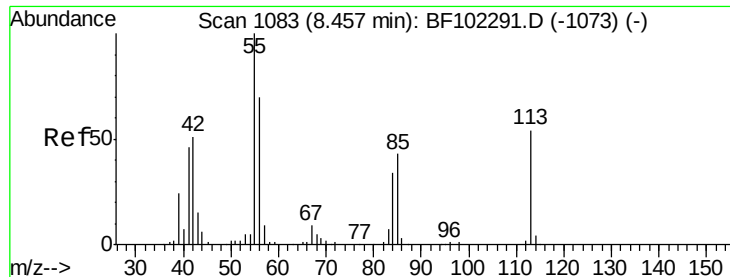
Sohil
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#34
Hexachlorobutadiene
Concen: 37.128 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	185014		
223	61.7	50.6	76.0	
227	64.0	51.9	77.9	





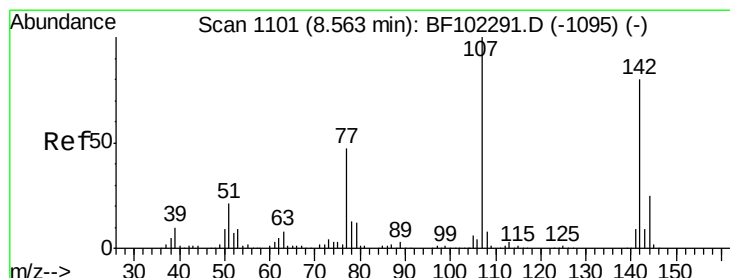
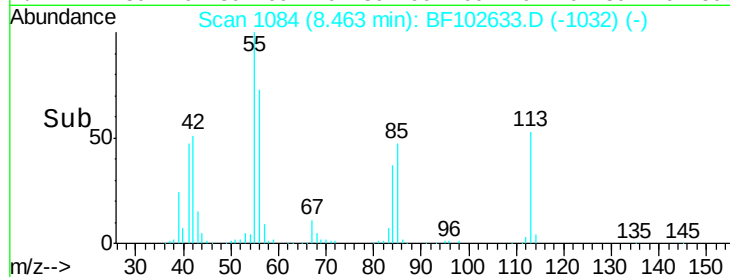
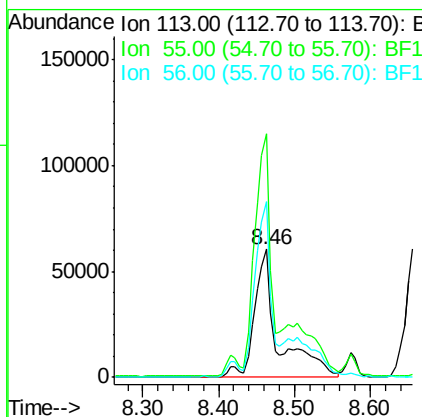
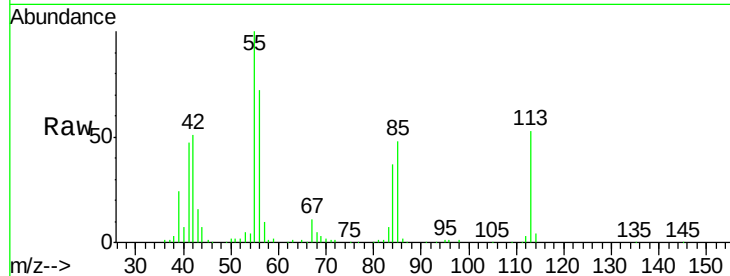
#35
 Caprolactam
 Concen: 46.026 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	189.8	163.3	203.3
56	137.5	115.7	155.7

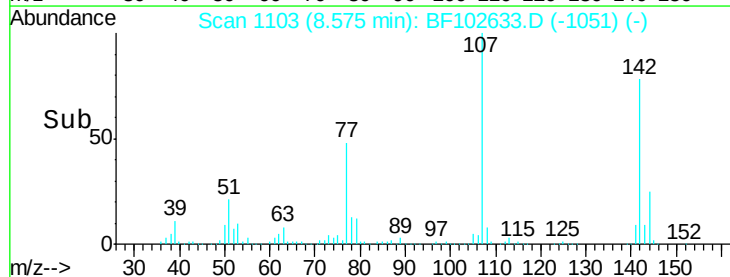
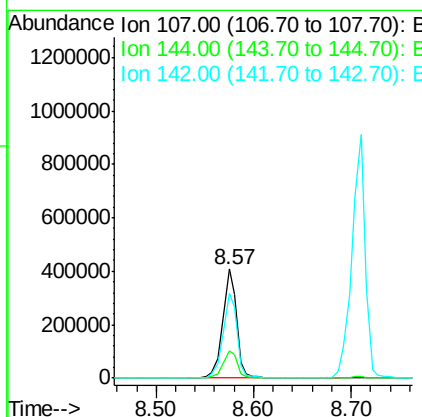
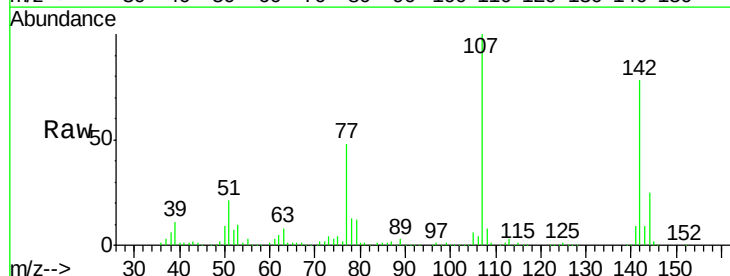
Manual Integrations
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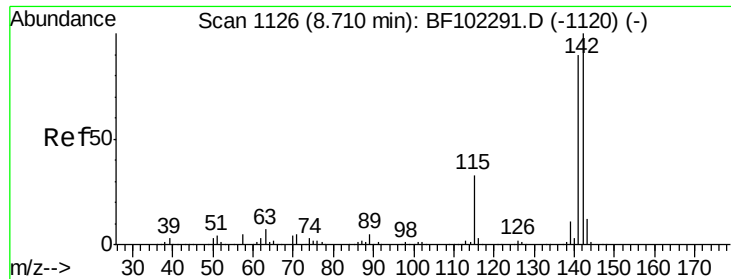
Sohil
 1/31/2018 4:47:25 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.042 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.5	30.7
142	77.7	62.0	93.0





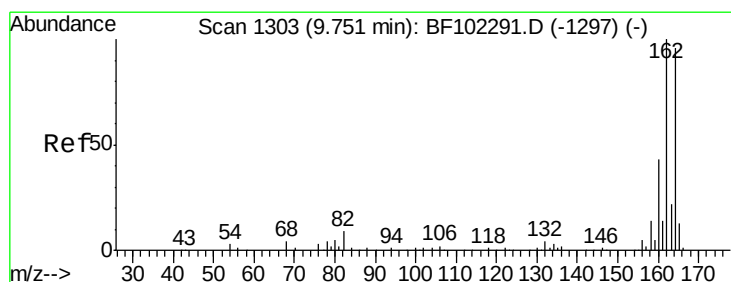
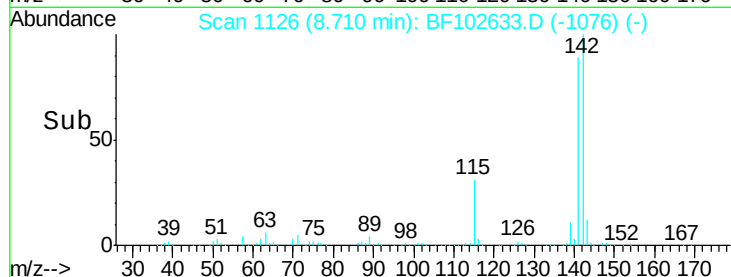
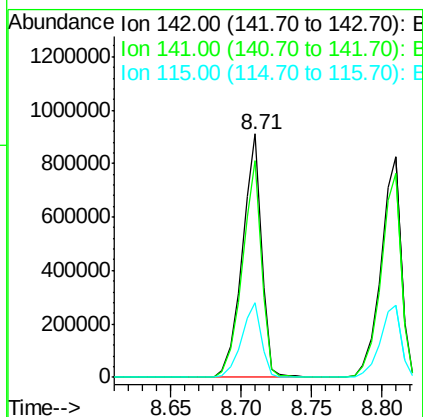
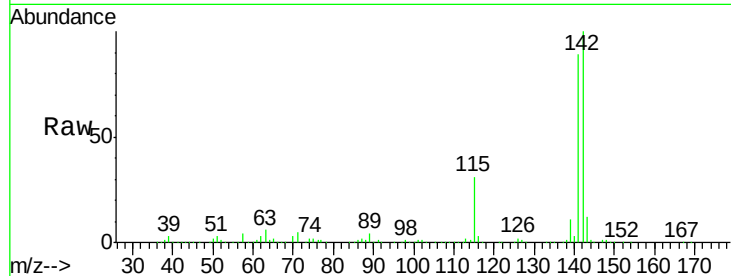
#37
2-Methylnaphthalene
Concen: 41.066 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	30.9	26.1	39.1

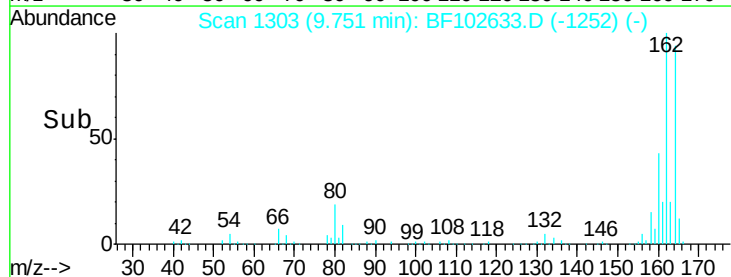
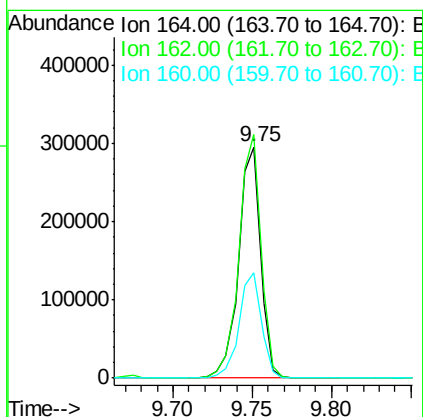
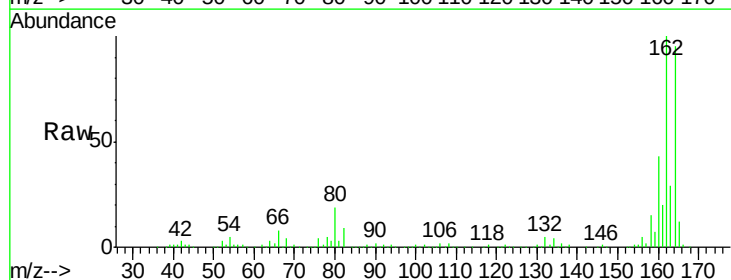
Manual Integrations
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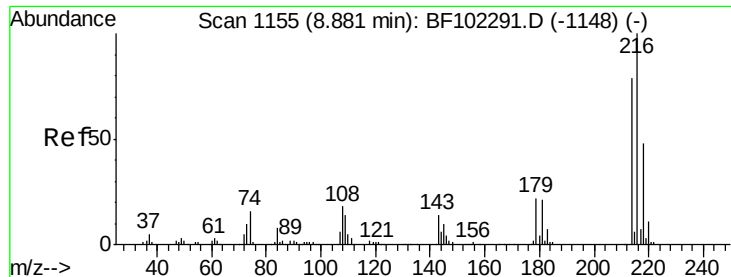
Sohil
1/31/2018 4:47:25 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.5	38.3	57.5





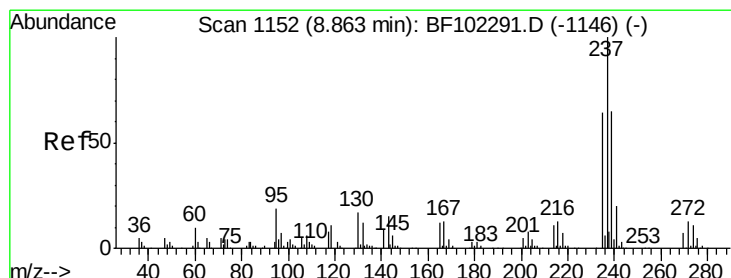
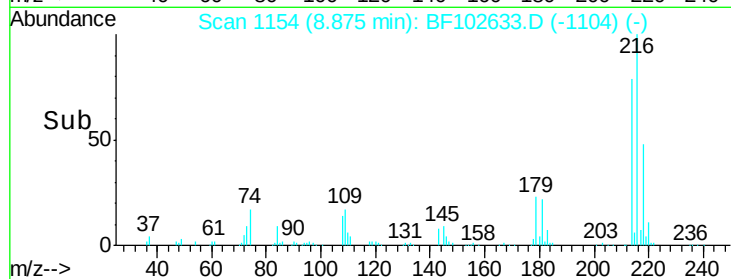
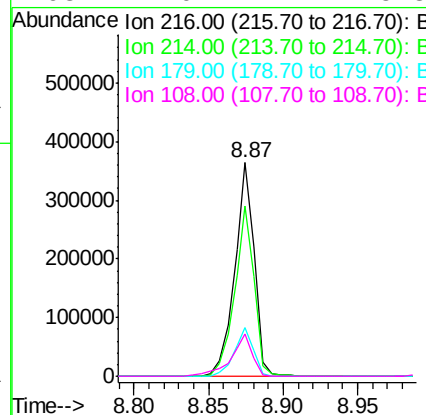
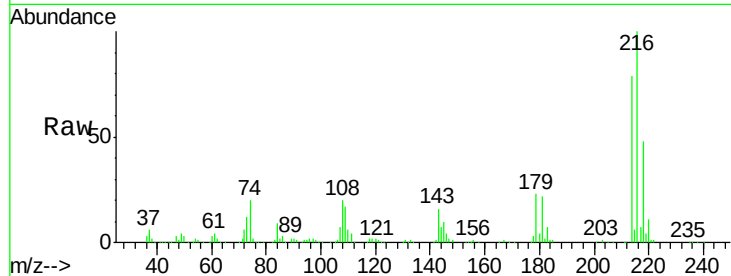
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.390 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	336372		
214	79.1	63.0	94.4	
179	22.4	18.1	27.1	
108	22.0	17.2	25.8	

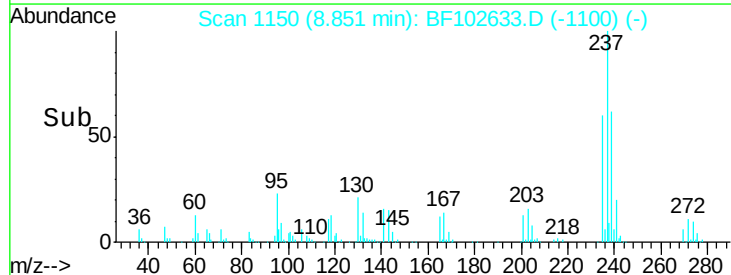
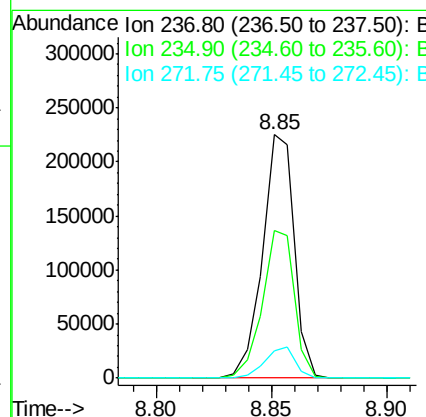
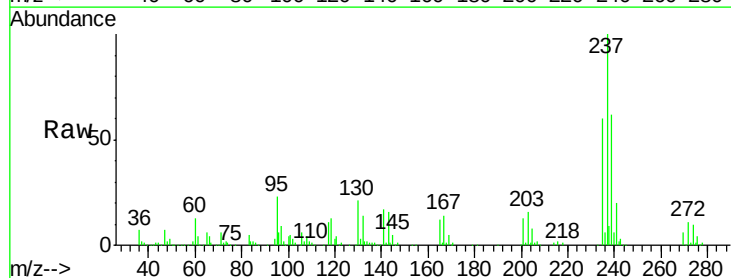
Manual Integrations
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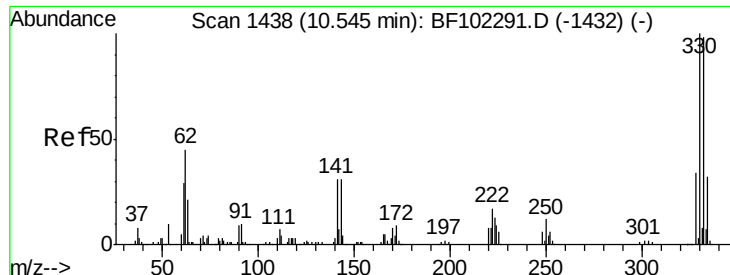
Sohil
 1/31/2018 4:47:25 PM



#40
 Hexachlorocyclopentadiene
 Concen: 56.650 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	216497		
235	60.5	44.8	84.8	
272	11.4	0.0	33.3	





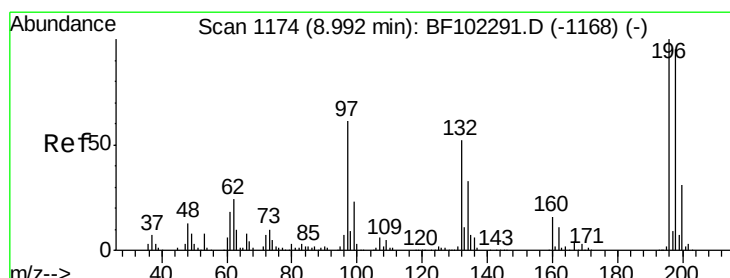
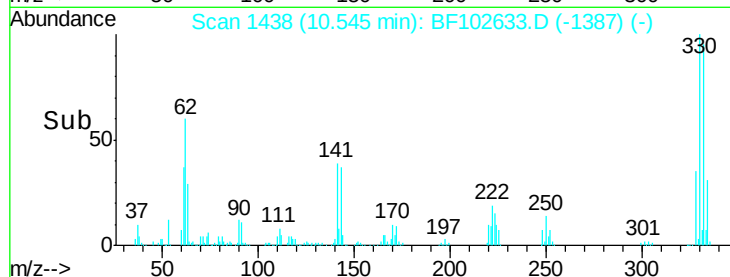
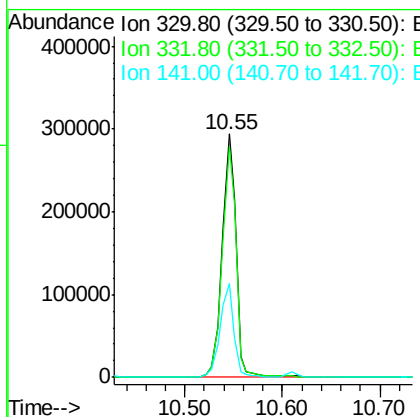
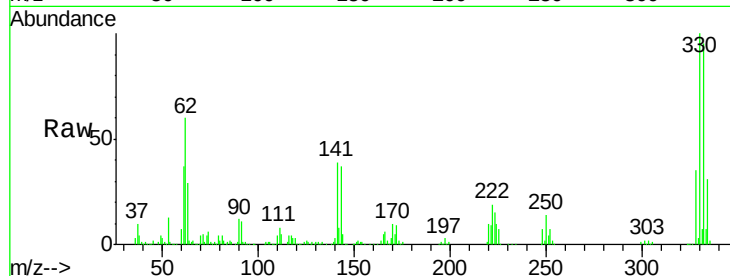
#41
 2,4,6-Tribromophenol
 Concen: 104.086 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampled :
 PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	292734		
332	95.4	77.0	115.6	
141	38.2	29.9	44.9	

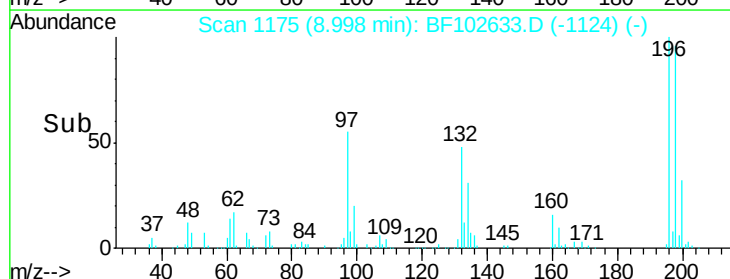
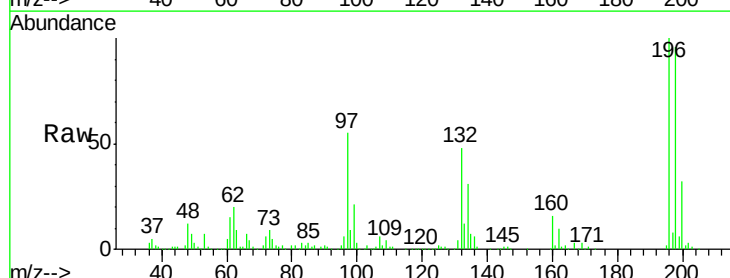
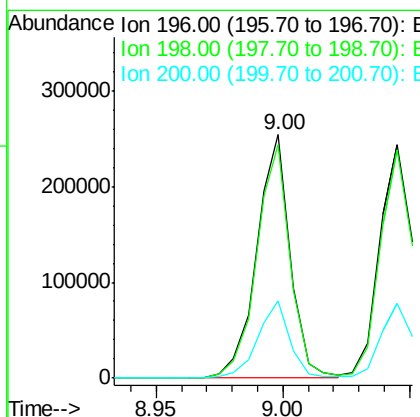
Manual Integrations
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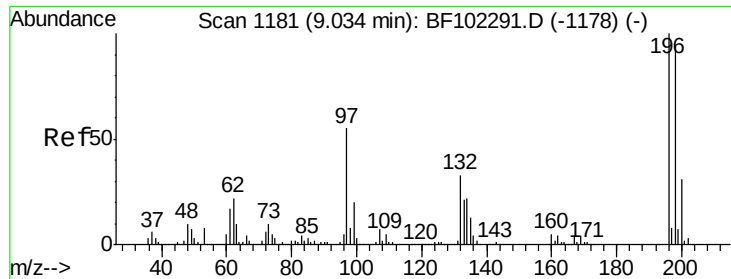
Sohil
 1/31/2018 4:47:25 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.657 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232421		
198	95.8	75.7	113.5	
200	31.7	24.5	36.7	





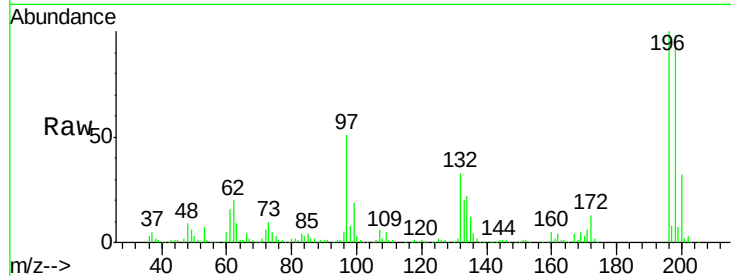
#43
2,4,5-Trichlorophenol
Concen: 38.283 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246408		
198	98.1	74.6	112.0	
97	51.5	42.9	64.3	
132	33.1	26.3	39.5	

Manual Integrations
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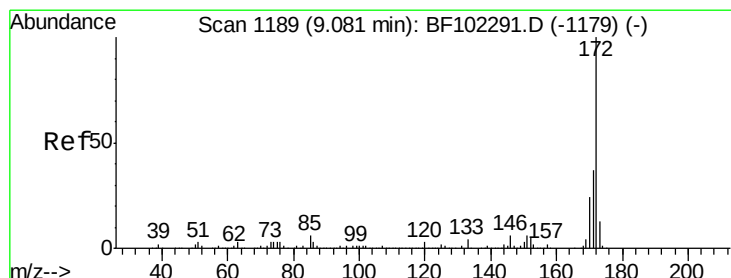
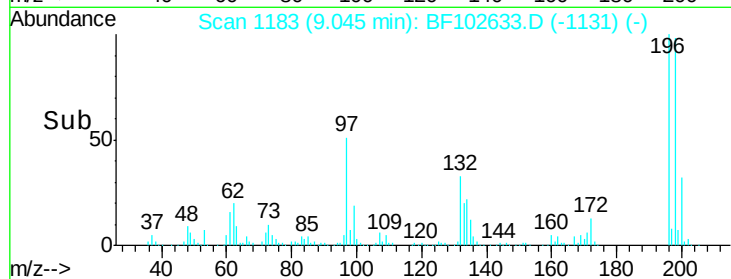
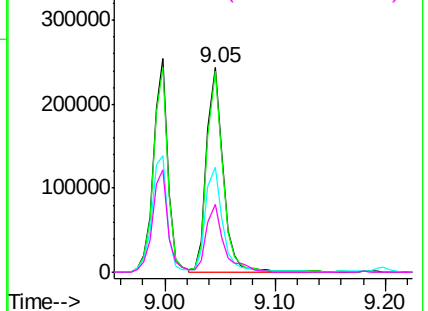
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 79.427 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

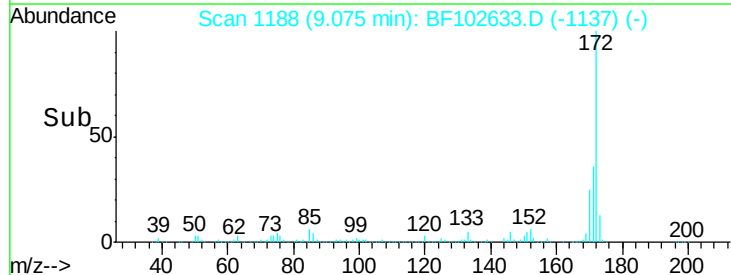
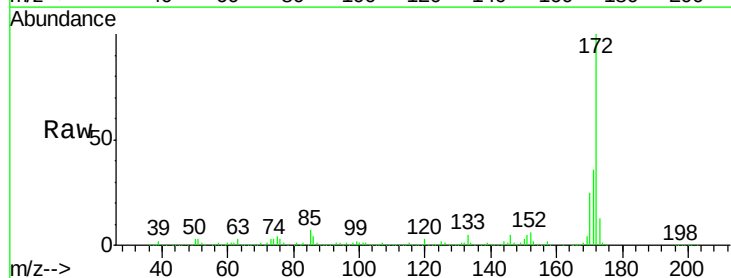
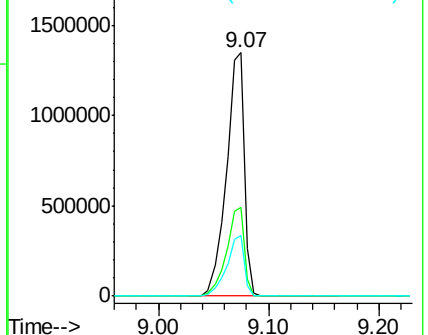
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1533277		
171	36.4	29.7	44.5	
170	24.7	19.6	29.4	

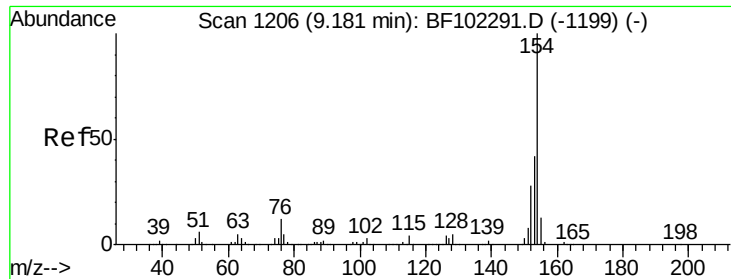
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





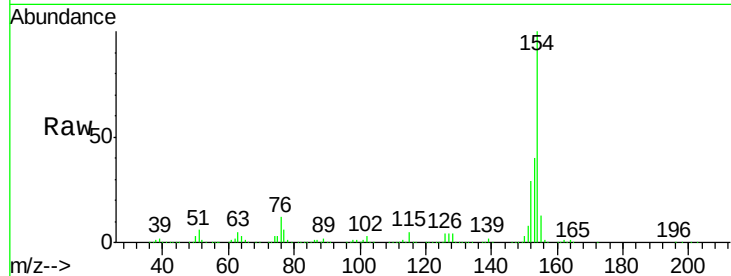
#45
 1,1'-Biphenyl
 Concen: 39.171 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampled :
 PB106136BS

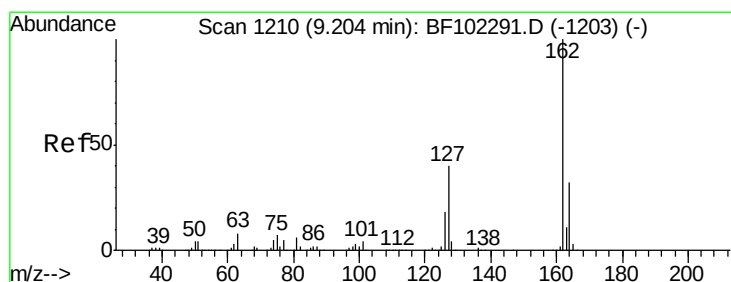
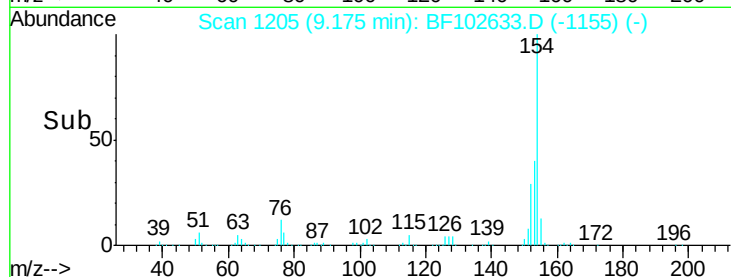
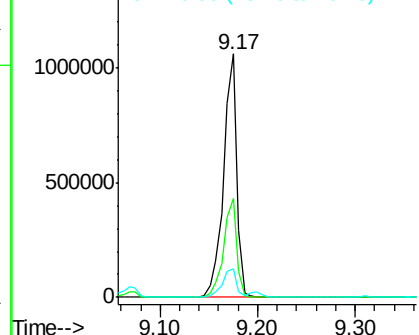
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	994153		
153	40.4	21.3	61.3	
76	11.7	0.0	34.0	

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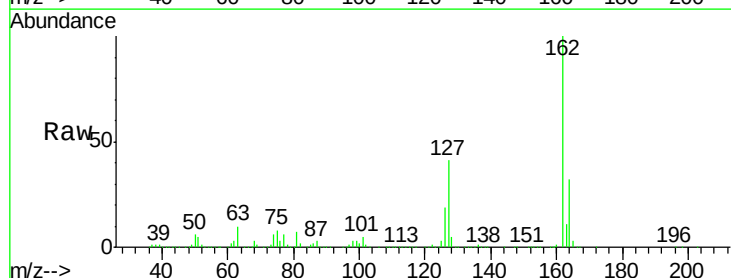


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

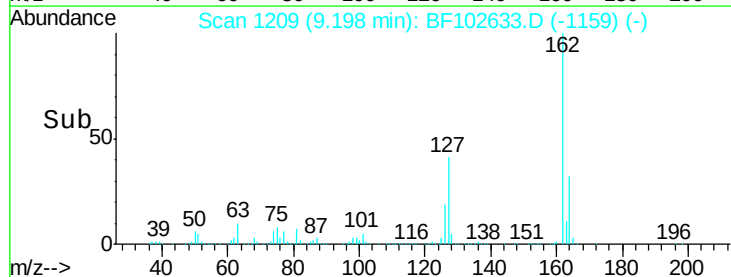
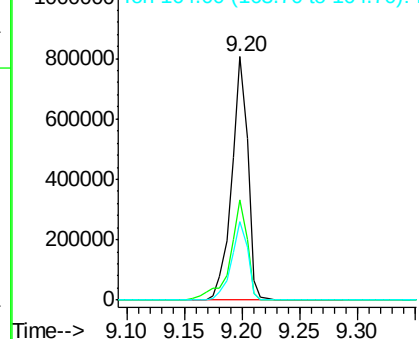


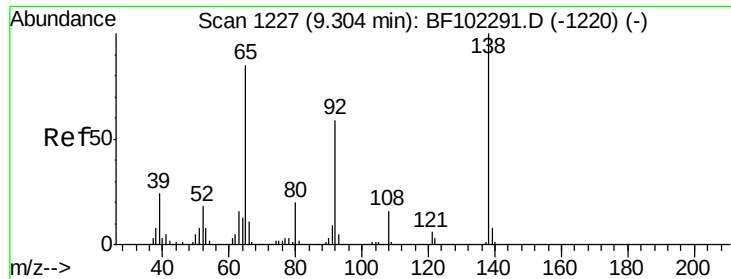
#46
 2-Chloronaphthalene
 Concen: 39.231 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	773920		
127	41.4	33.9	50.9	
164	32.5	26.5	39.7	



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





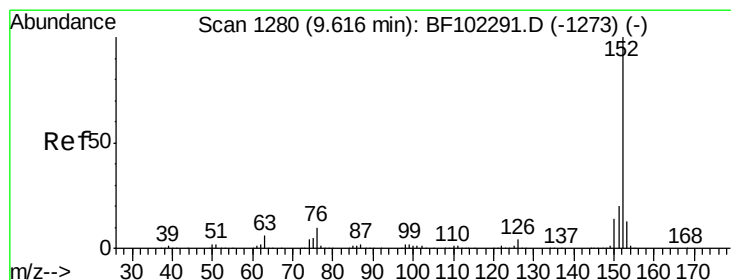
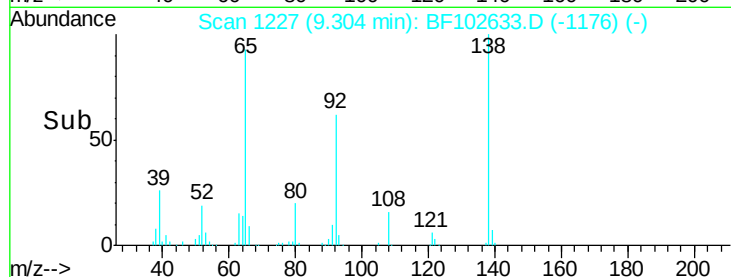
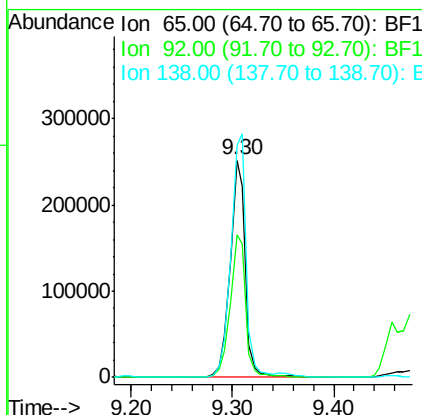
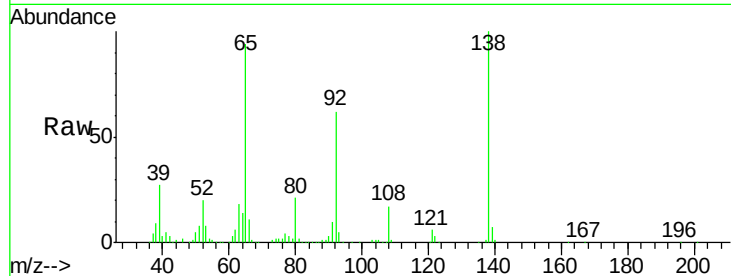
#47
2-Nitroaniline
Concen: 42.763 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	263009		
92	65.8		55.8	83.6
138	106.6		91.2	136.8

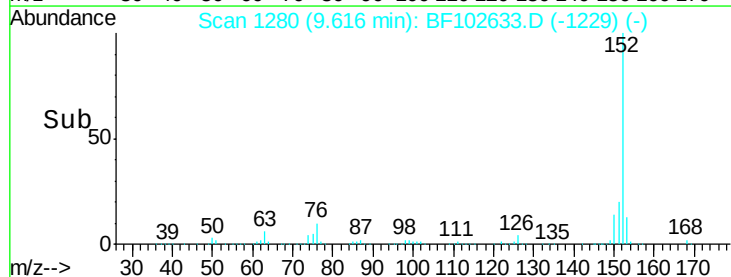
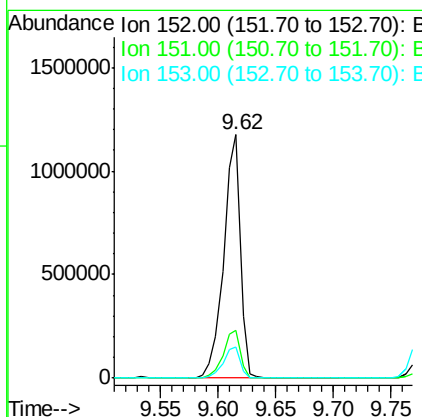
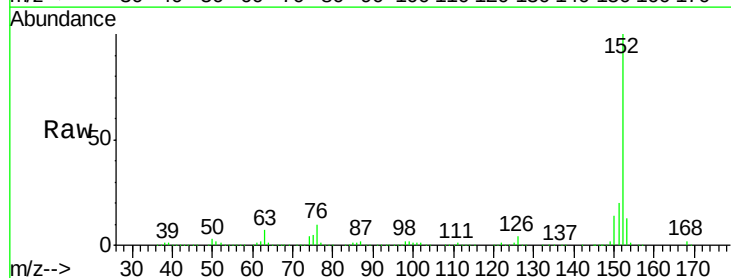
Manual Integrations
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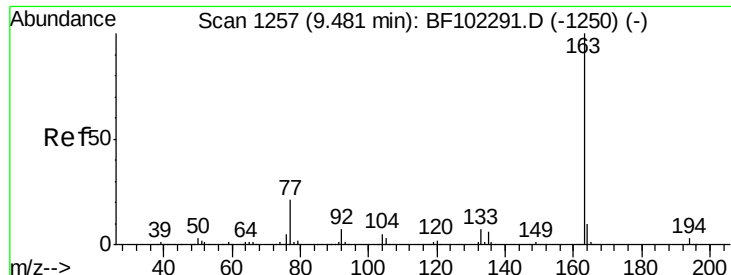
Sohil
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#48
Acenaphthylene
Concen: 38.291 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1176846		
151	19.7		16.3	24.5
153	13.0		10.7	16.1





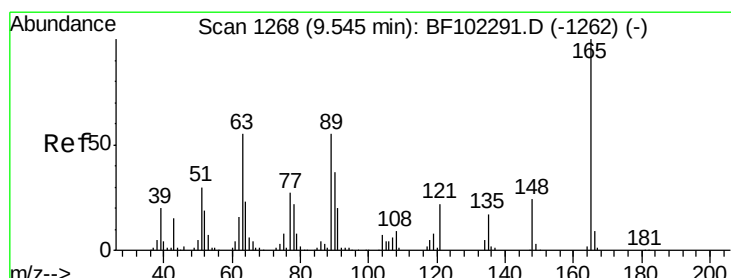
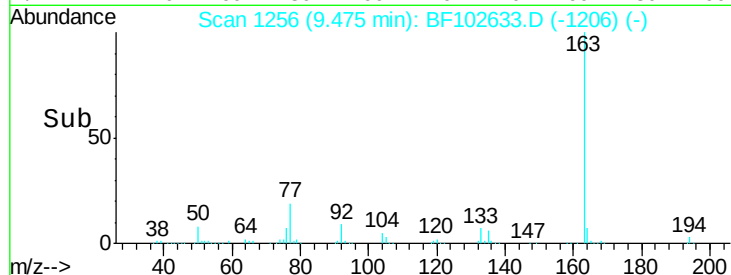
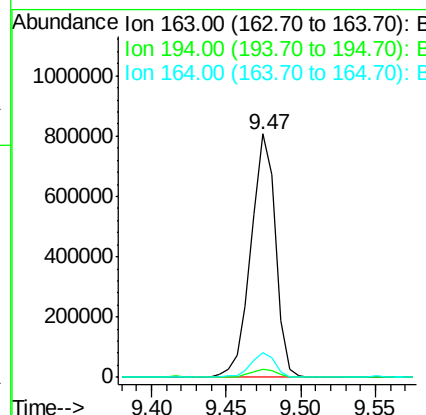
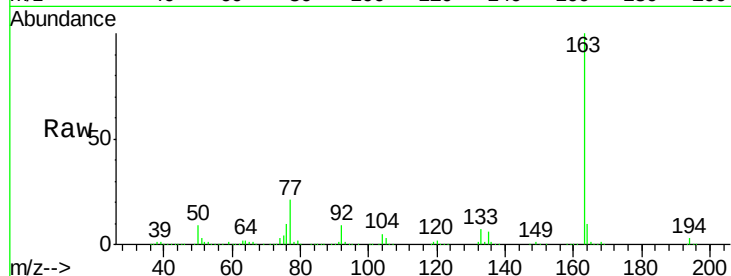
#49
Dimethylphthalate
Concen: 39.032 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	915727		
194	3.3	2.7	4.1	
164	10.3	8.2	12.2	

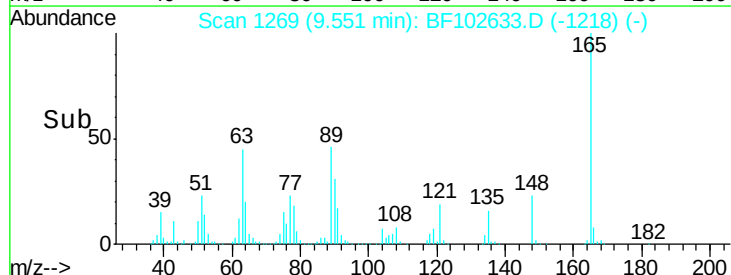
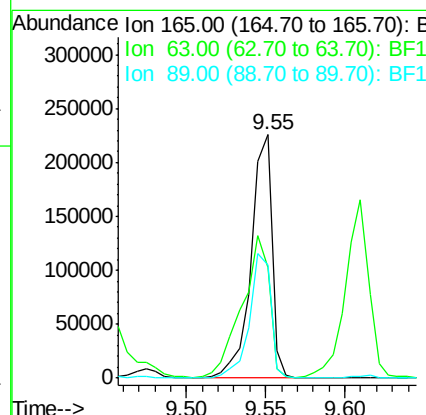
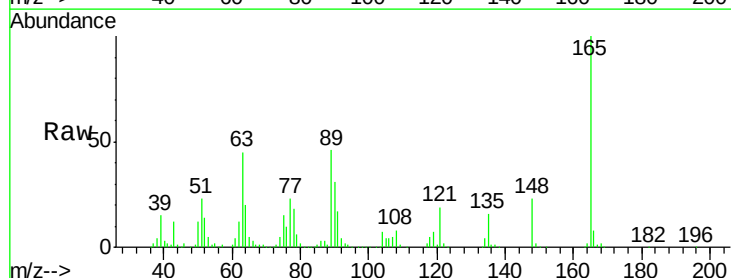
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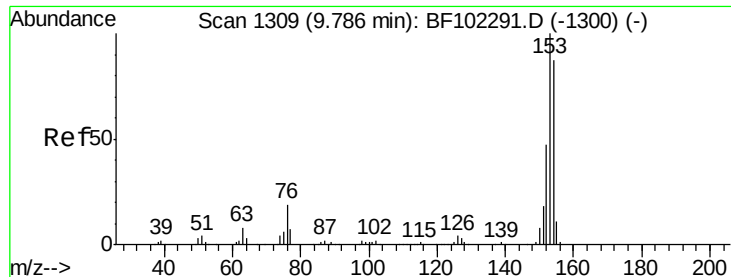
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.661 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	205672		
63	45.4	44.7	67.1	
89	46.2	44.0	66.0	





#51

Acenaphthene

Concen: 38.469 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

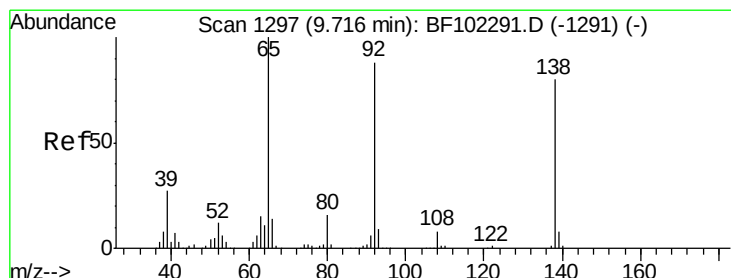
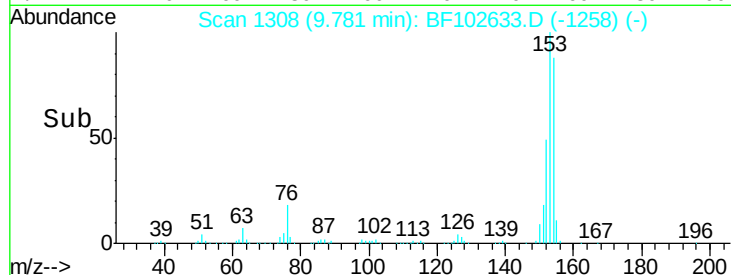
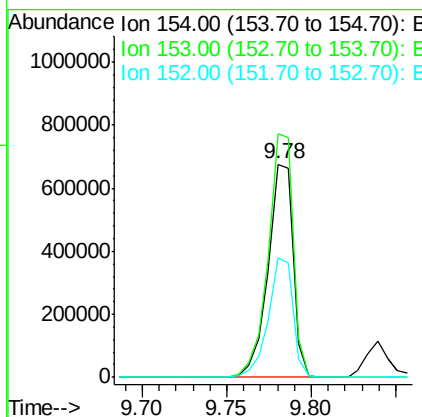
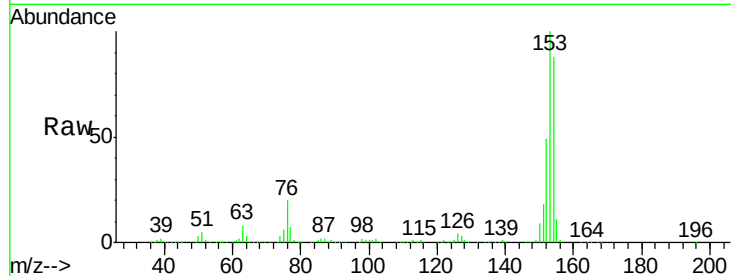
ClientSampled :

PB106136BS

Tgt Ion:	154	Resp:	690497
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.2	136.8
152	56.1	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 15.798 ng

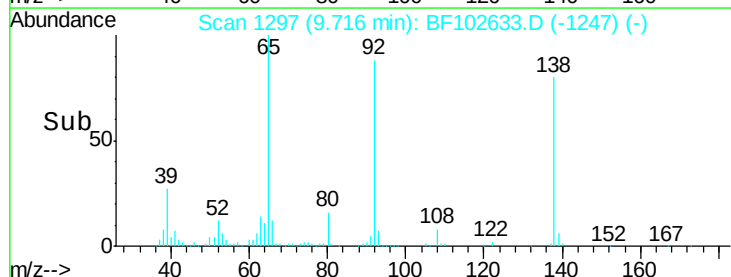
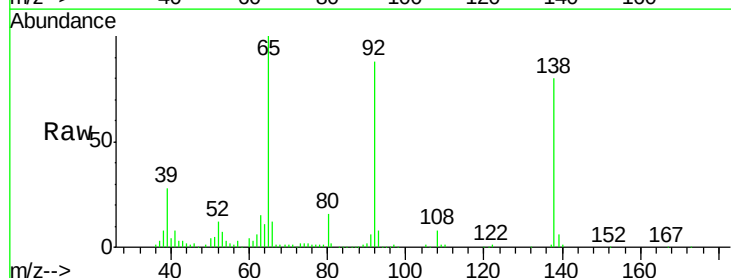
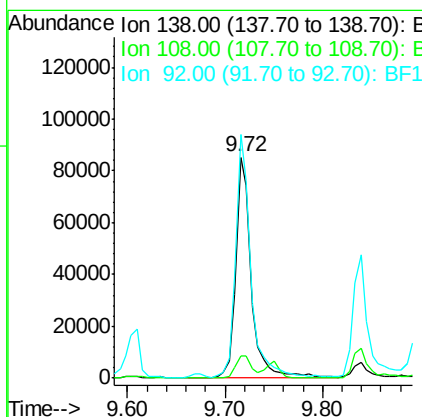
RT: 9.72 min Scan# 1297

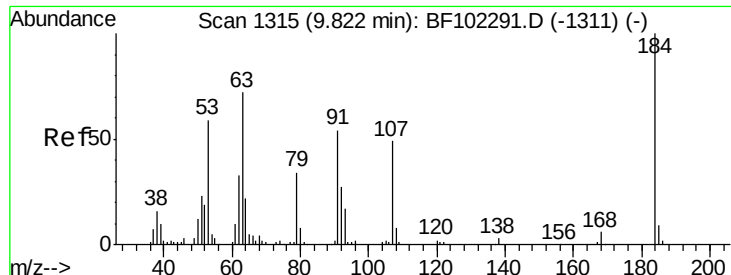
Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:	138	Resp:	94534
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	110.2	89.4	134.2





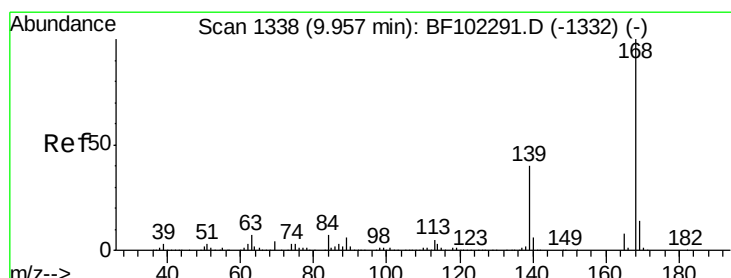
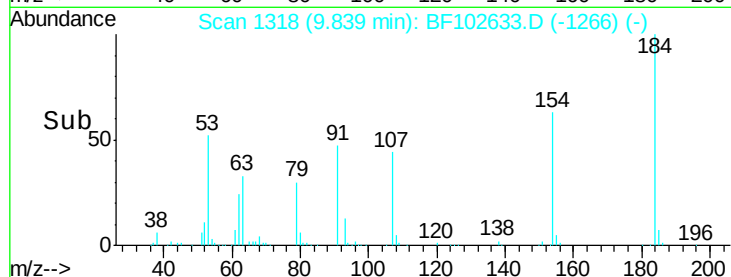
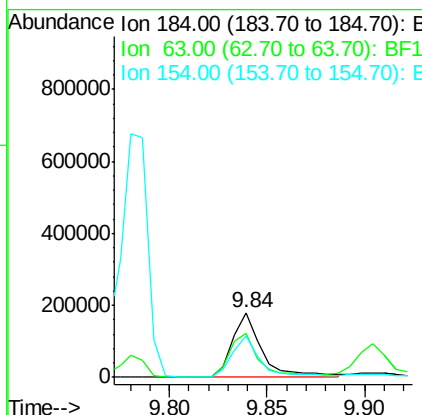
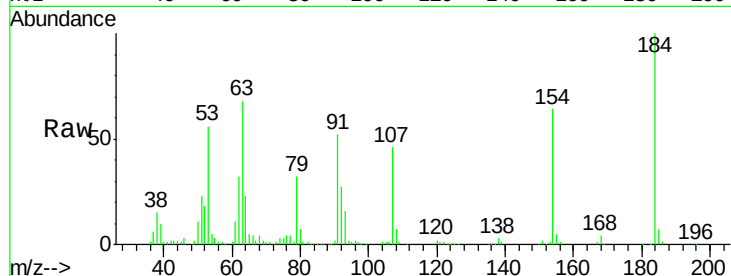
#53
2,4-Dinitrophenol
Concen: 83.590 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	190103		
63	68.3	54.2	81.2	
154	63.7	184.0	276.0#	

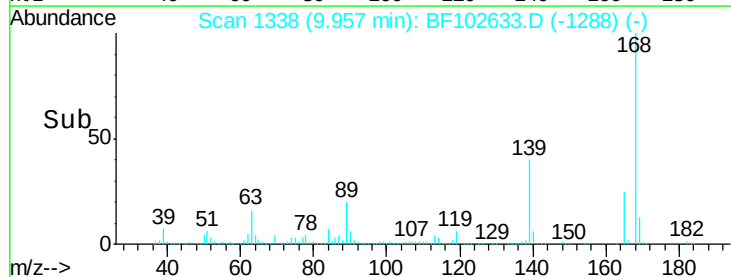
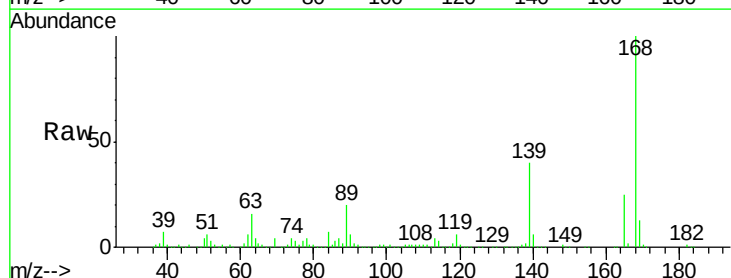
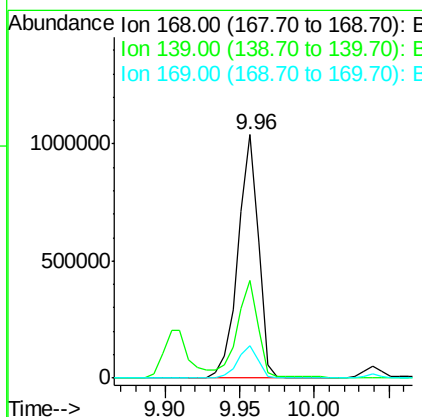
Manual Integrations
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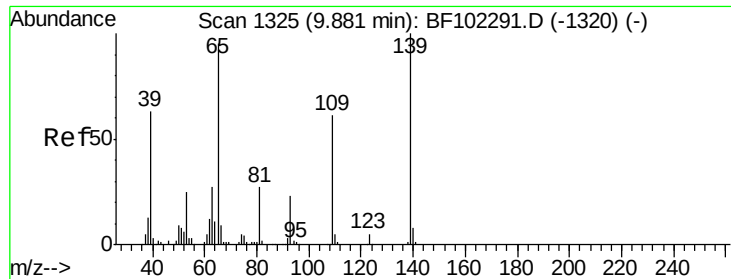
Sohil
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#54
Dibenzofuran
Concen: 41.049 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	997183		
139	40.3	30.1	45.1	
169	13.3	10.9	16.3	





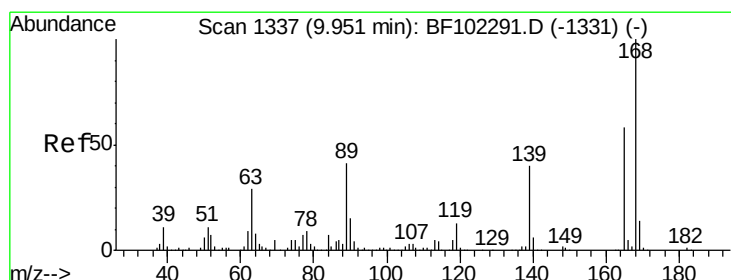
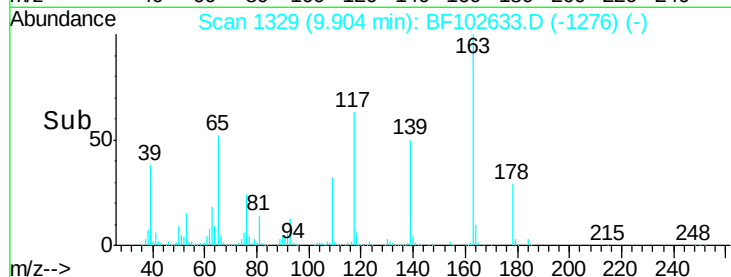
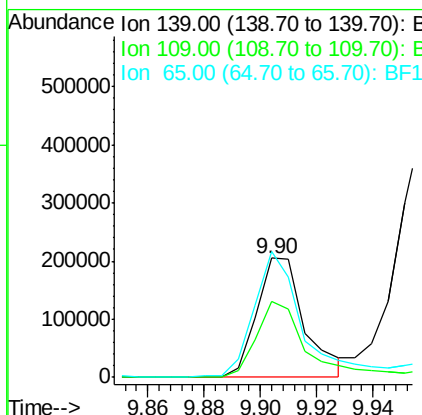
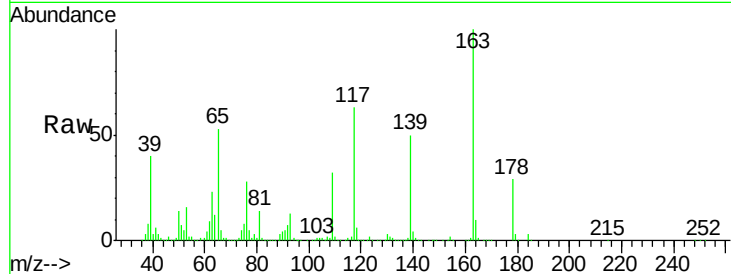
#55
4-Nitrophenol
Concen: 61.093 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampled :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	241312		
109	63.9	48.4	88.4	
65	105.4	72.6	112.6	

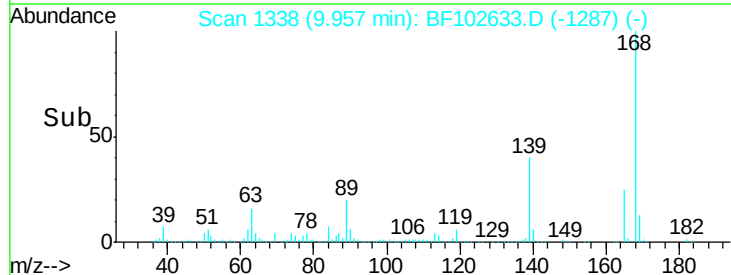
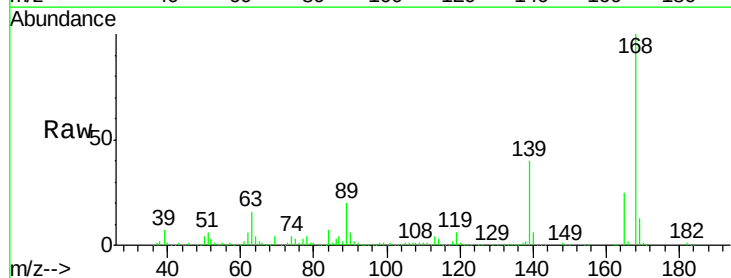
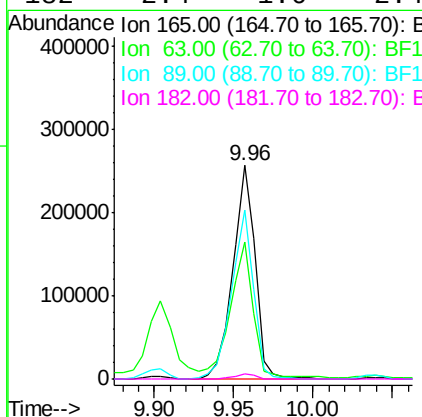
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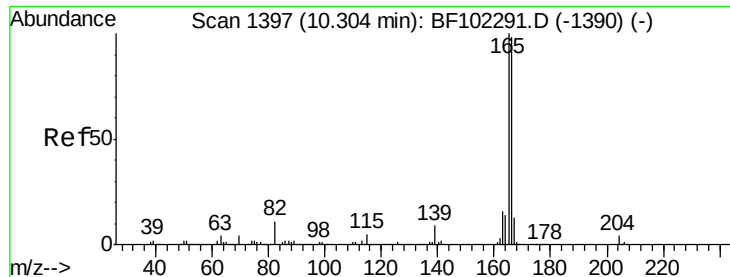
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.109 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249489		
63	64.4	36.4	54.6#	
89	79.1	57.8	86.6	
182	2.4	1.6	2.4#	





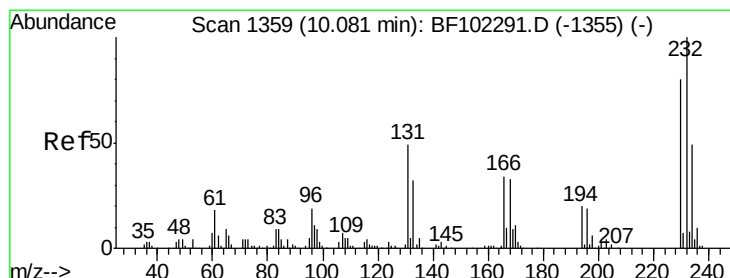
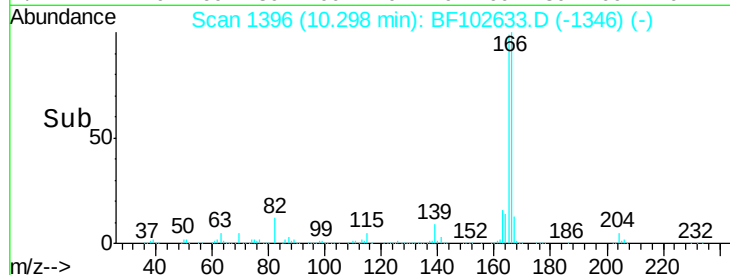
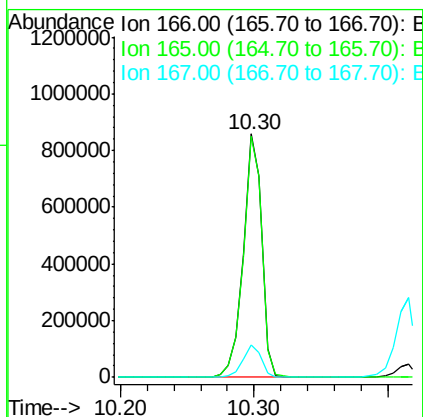
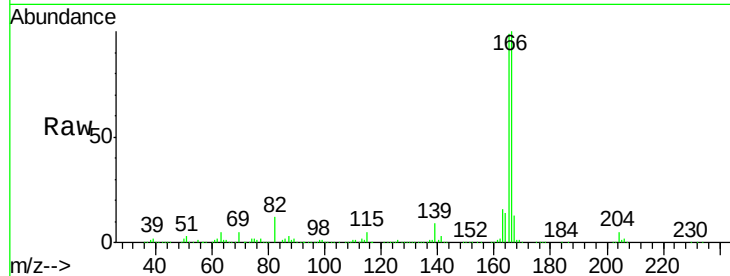
#57
 Fluorene
 Concen: 42.444 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	817030		
165	99.2	79.8	119.8	
167	13.4	10.6	16.0	

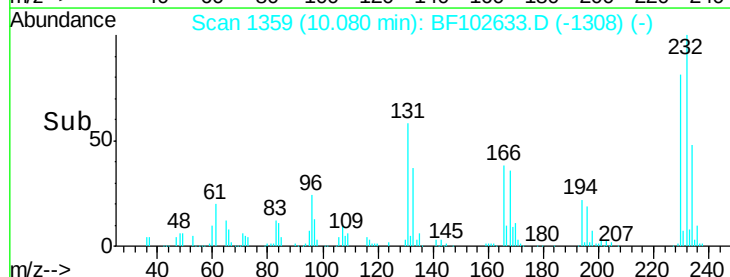
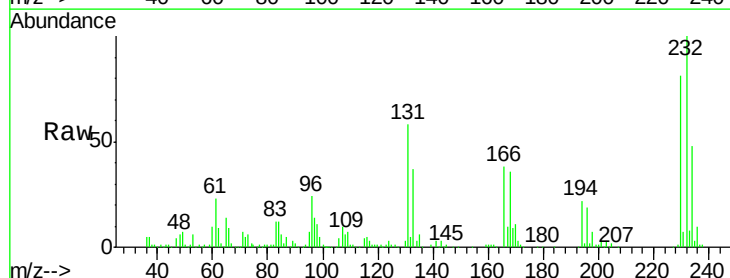
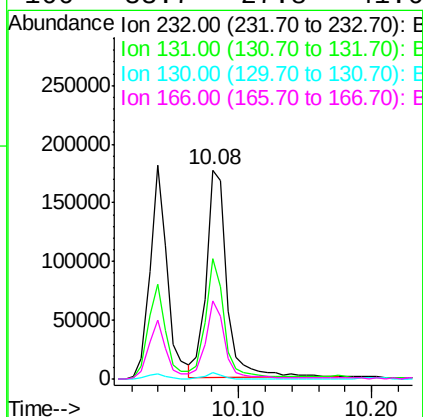
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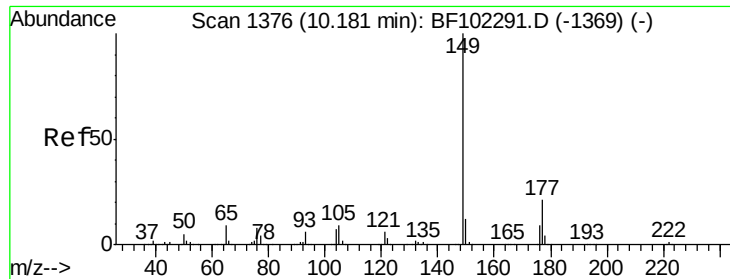
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.108 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	193512		
131	51.3	43.8	65.8	
130	2.7	2.1	3.1	
166	33.7	27.8	41.6	





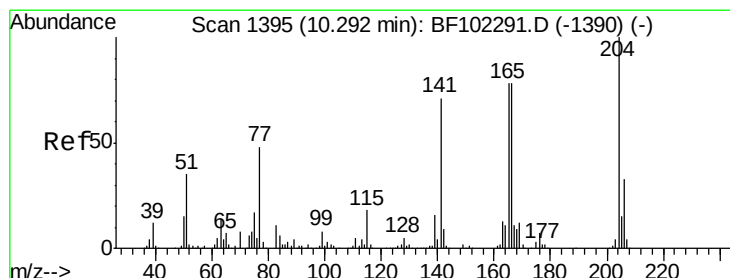
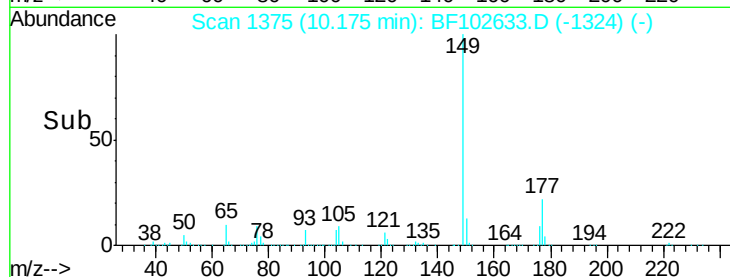
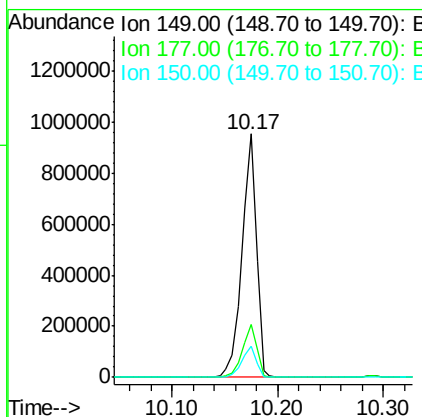
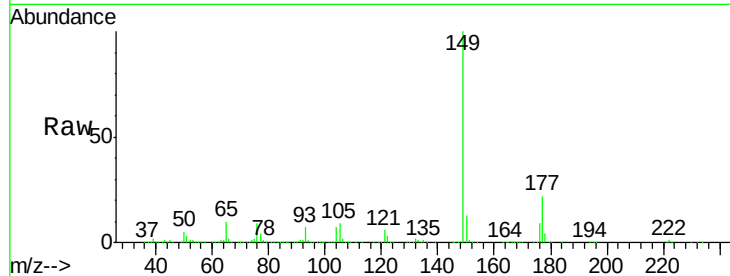
#59
Diethylphthalate
Concen: 39.107 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	891580		
177	21.7	16.1	24.1	
150	12.7	10.1	15.1	

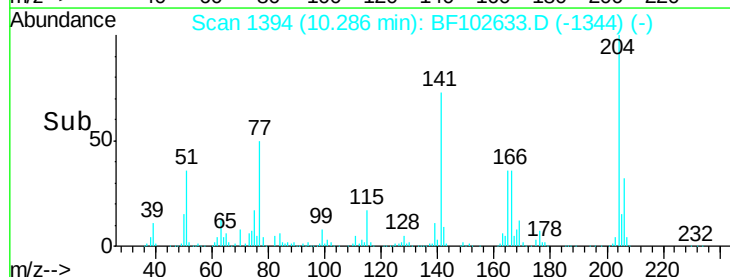
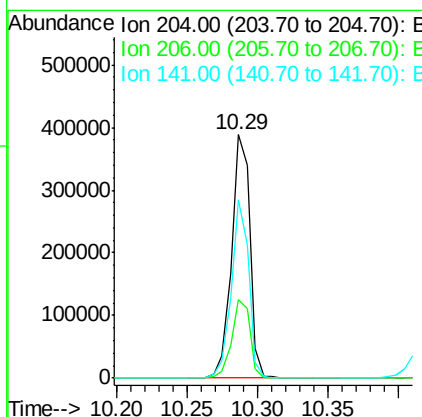
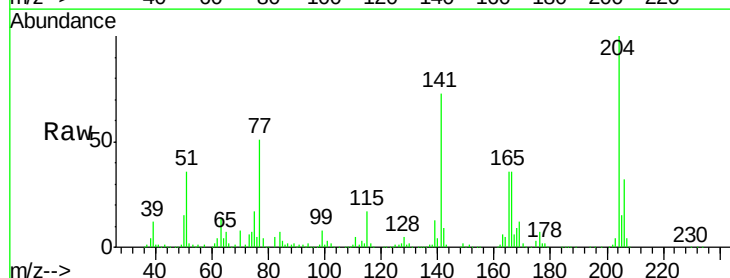
Manual Integrations
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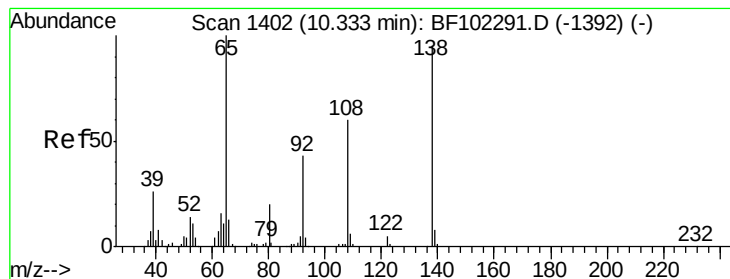
Sohil
1/31/2018 4:47:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.964 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	350221		
206	32.4	26.5	39.7	
141	73.4	54.6	81.8	





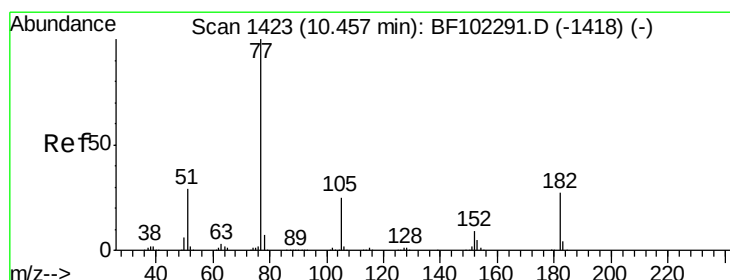
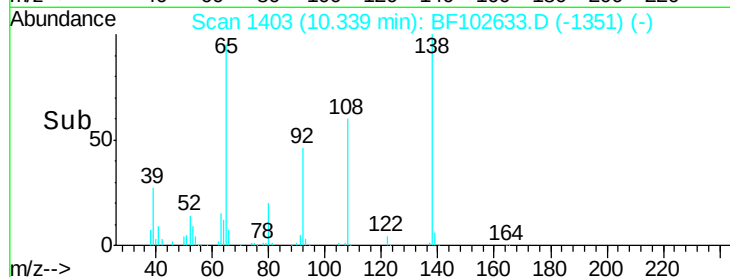
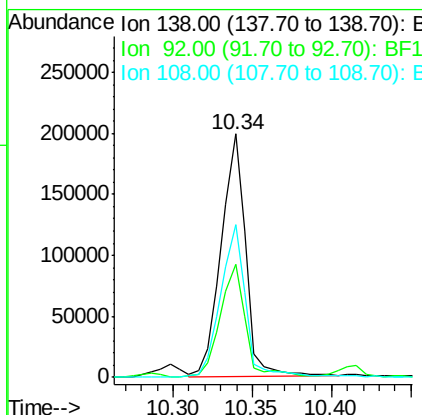
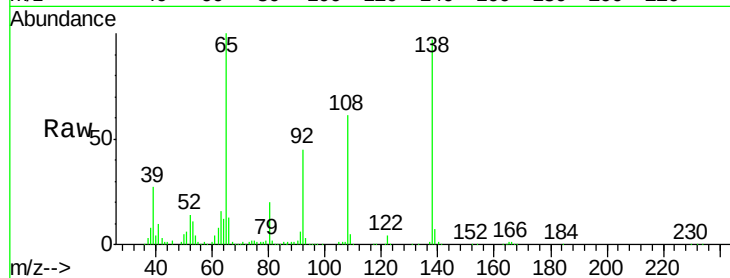
#61
4-Nitroaniline
Concen: 35.419 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampled :
PB106136BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	30.2	70.2
108	62.7	52.5	92.5

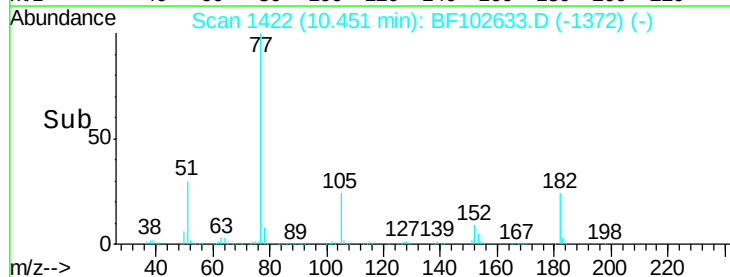
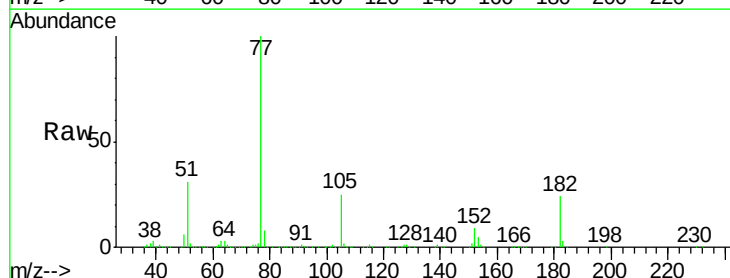
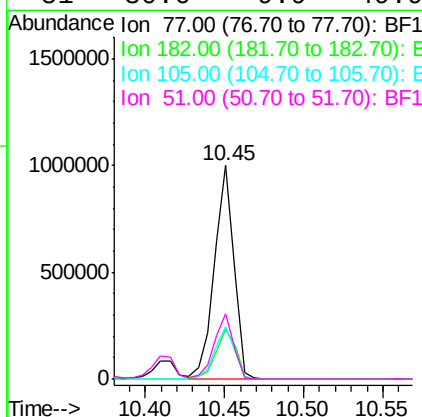
Manual Integrations
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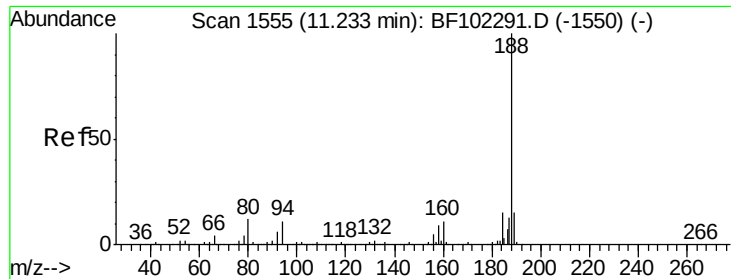
Sohil
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#62
Azobenzene
Concen: 40.748 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	24.9	3.0	43.0
51	30.6	9.9	49.9





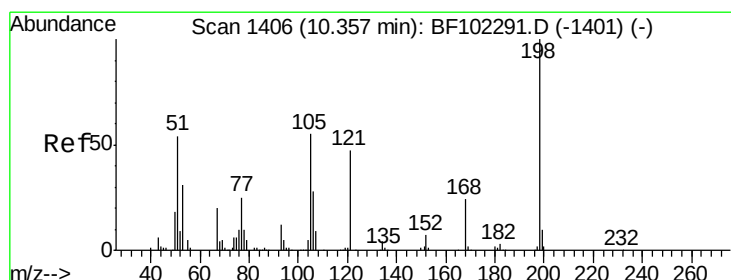
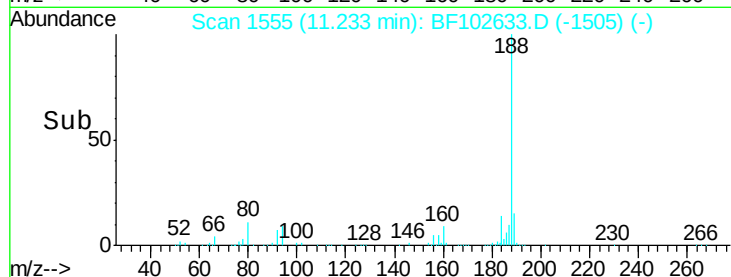
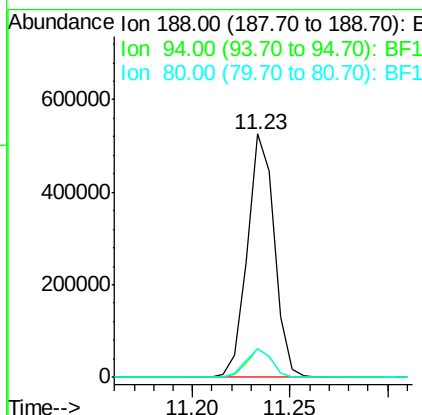
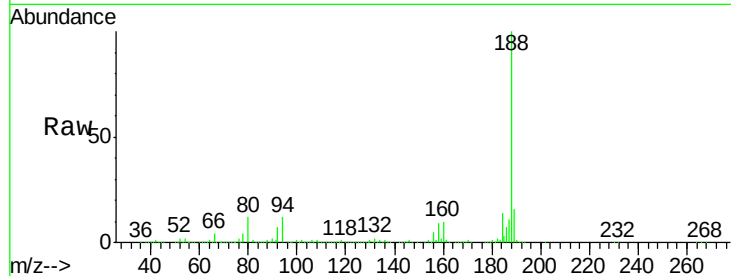
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.7	8.5	12.7
80	11.9	9.2	13.8

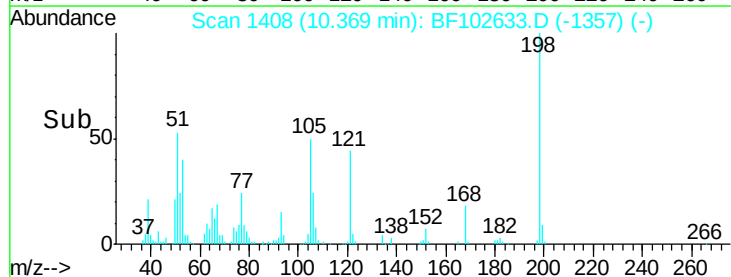
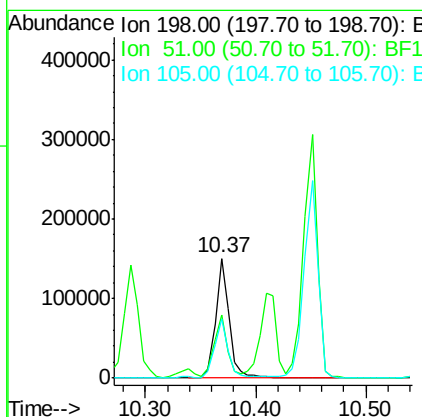
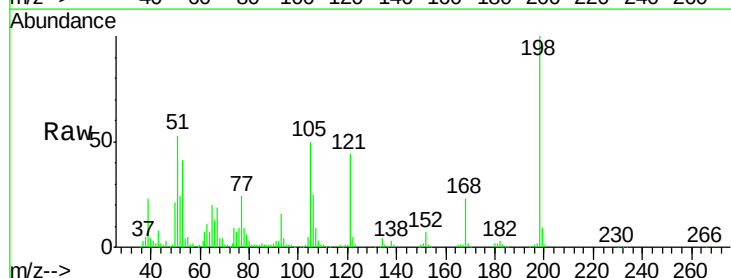
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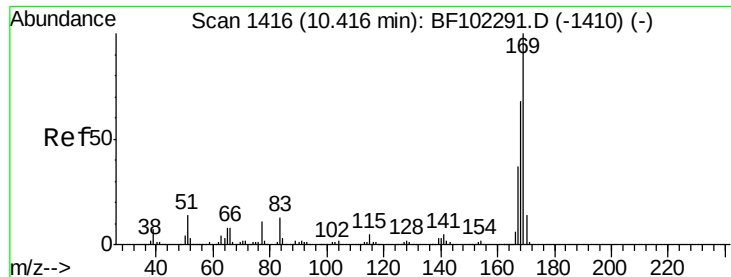
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.246 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	53.1	37.7	77.7
105	49.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.677 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB106136BS

Tgt Ion:169 Resp: 737493
Ion Ratio Lower Upper

169 100

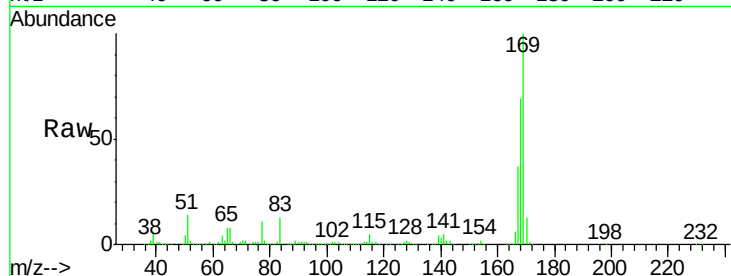
168 68.7 54.4 81.6

167 37.2 29.8 44.6

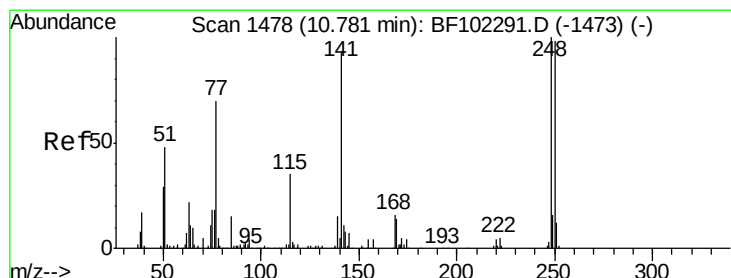
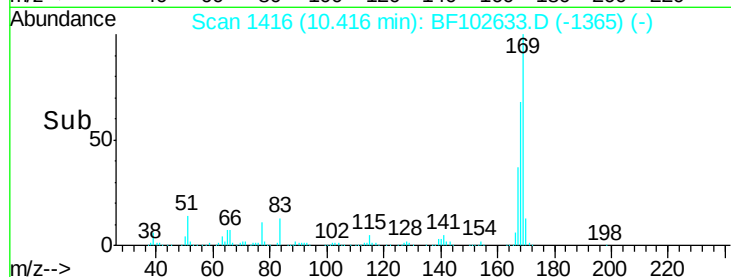
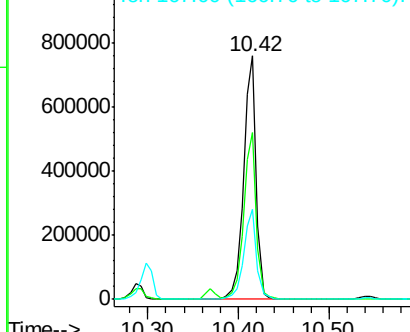
Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.196 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF102633.D

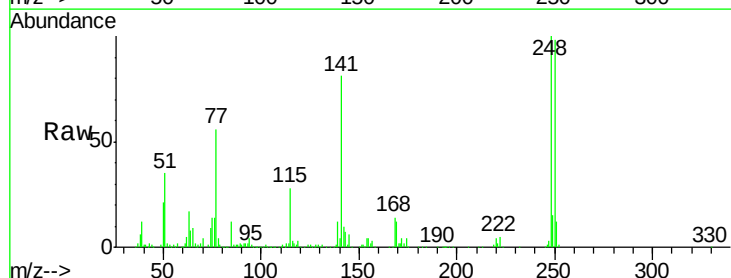
Acq: 30 Jan 2018 12:26

Tgt Ion:248 Resp: 219130
Ion Ratio Lower Upper

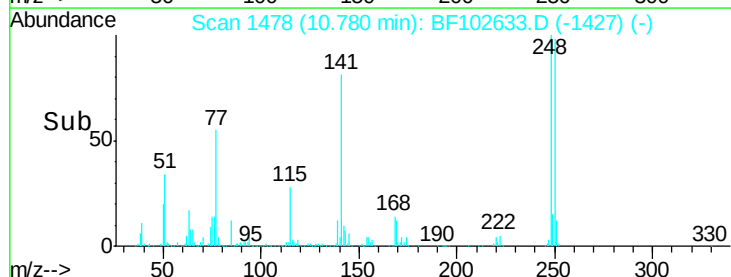
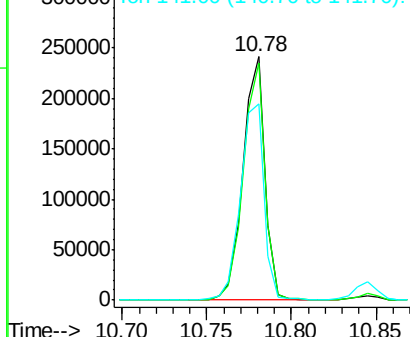
248 100

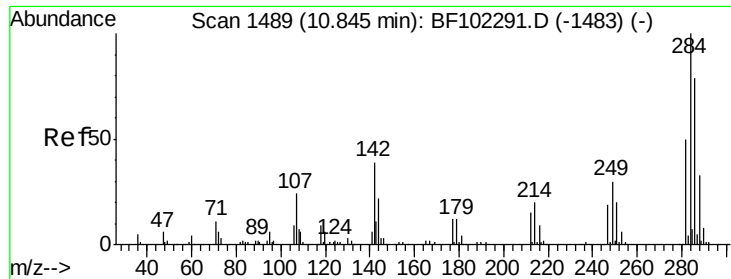
250 97.5 76.9 115.3

141 80.7 74.4 111.6



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





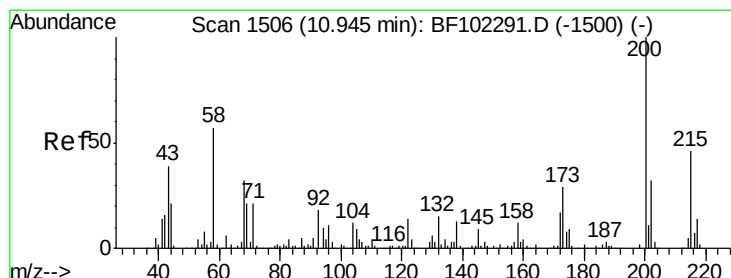
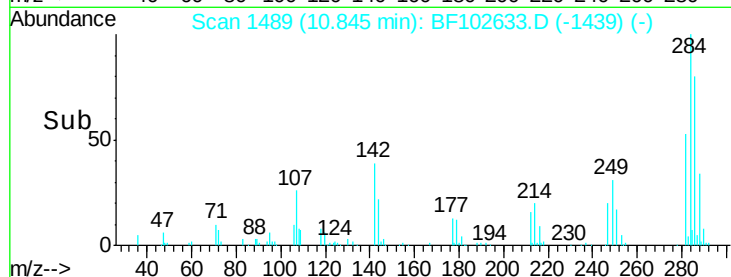
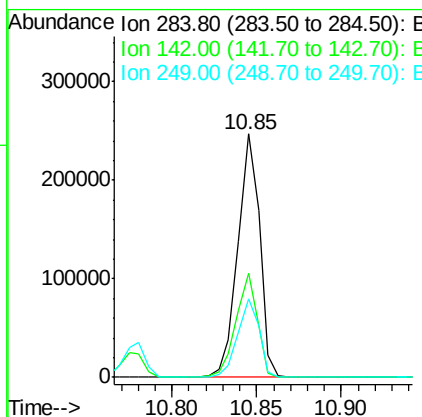
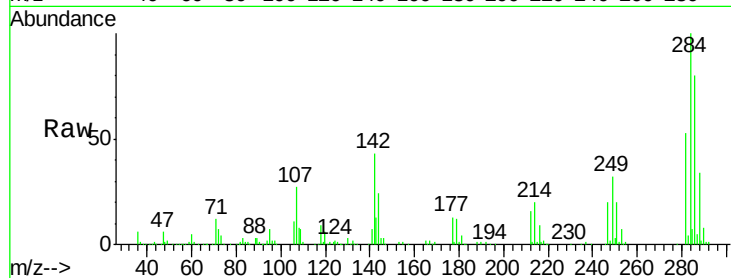
#67
Hexachlorobenzene
Concen: 36.376 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	221781		
142	43.0	34.6	52.0	
249	32.0	24.8	37.2	

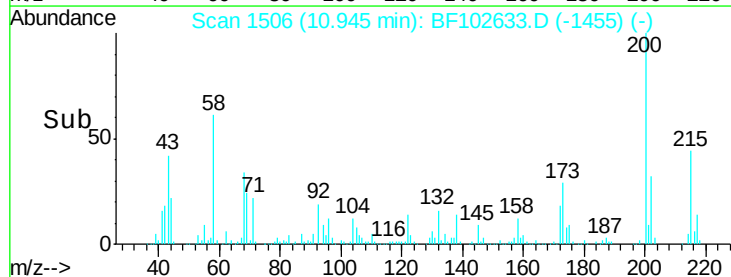
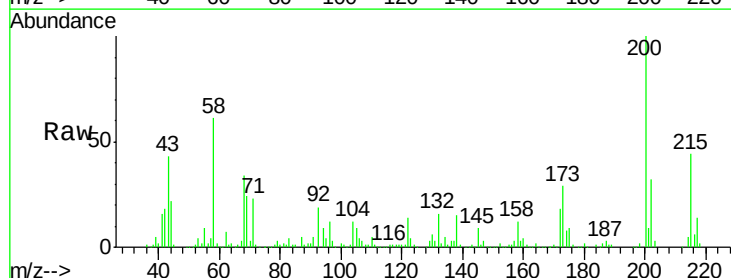
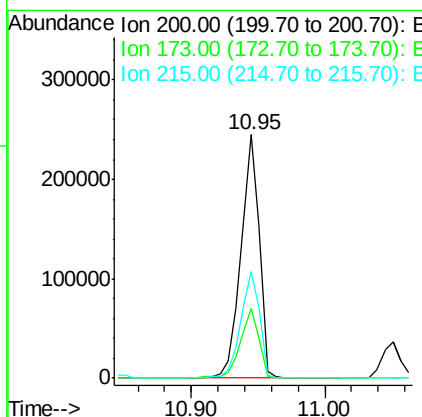
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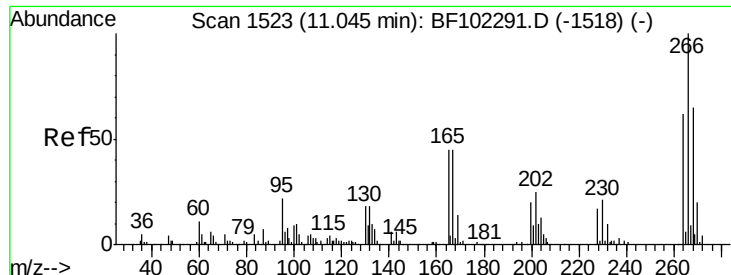
Sohil
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#68
Atrazine
Concen: 42.692 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	234368		
173	28.8	8.6	48.6	
215	43.6	25.1	65.1	





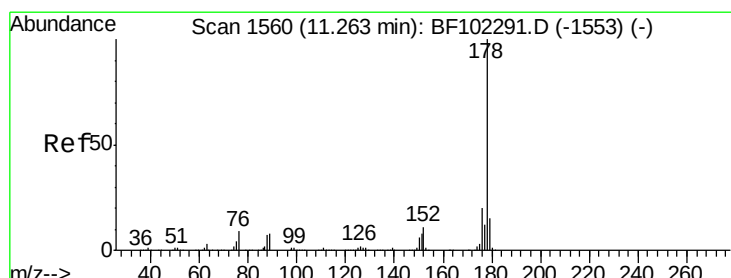
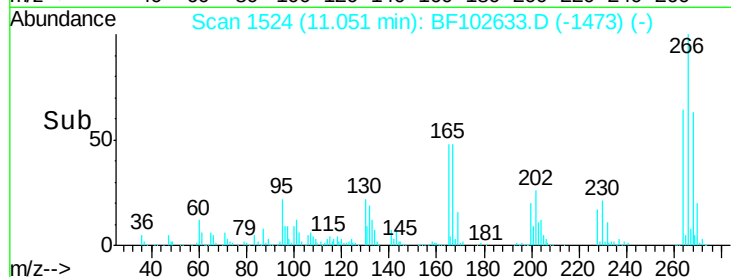
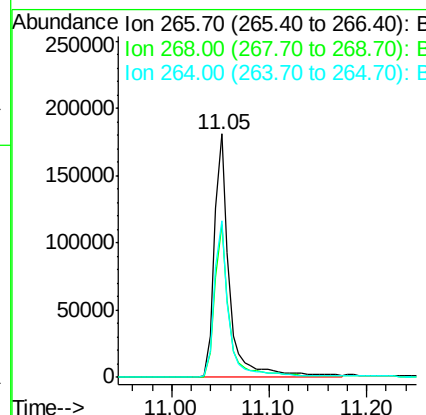
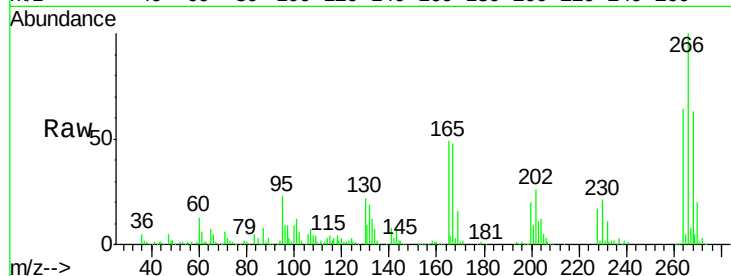
#69
 Pentachlorophenol
 Concen: 61.075 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleID :
 PB106136BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	64.1	49.5	74.3

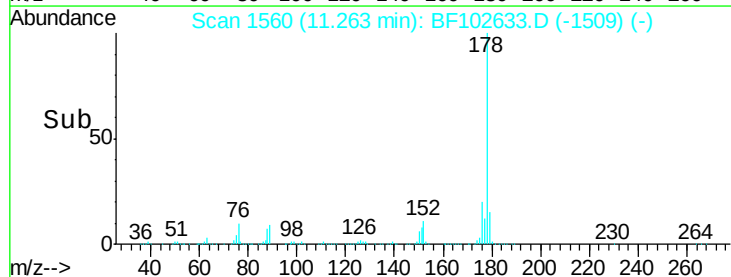
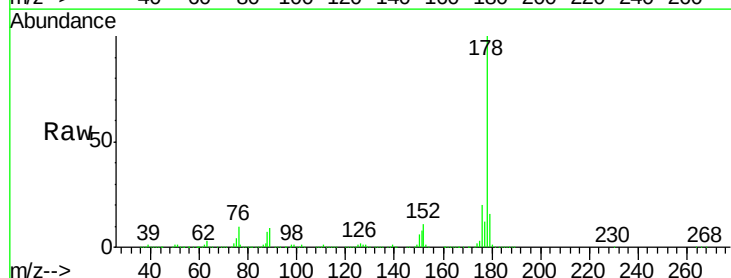
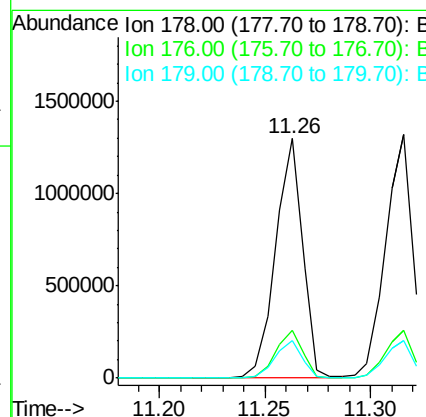
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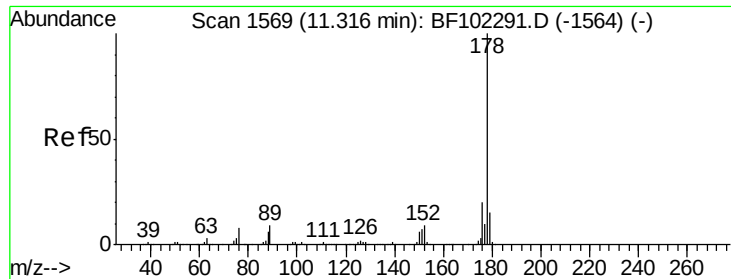
Sohil
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#70
 Phenanthrene
 Concen: 39.183 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.7	13.0	19.6





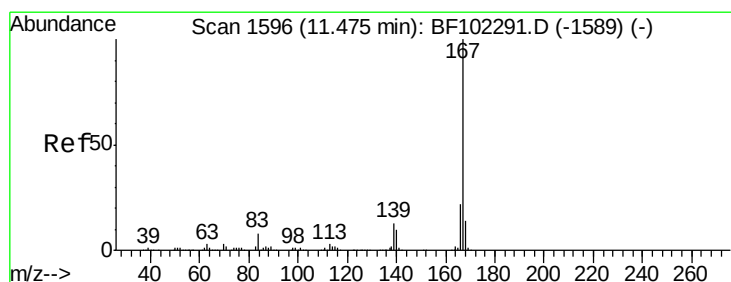
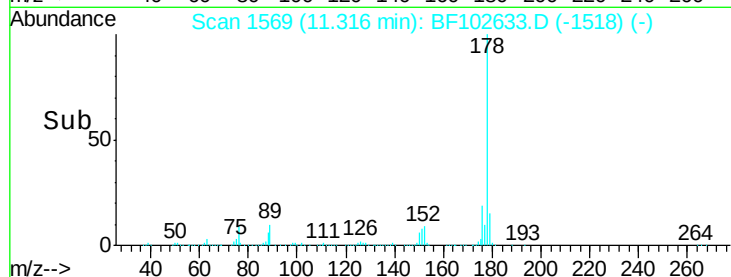
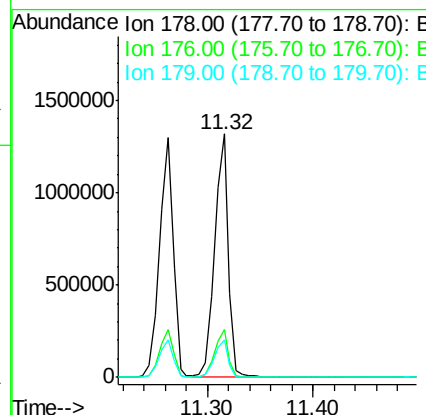
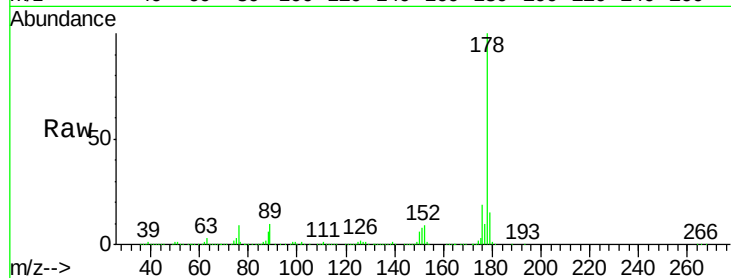
#71
 Anthracene
 Concen: 40.087 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion:178 Resp: 1207434
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.4 12.6 19.0

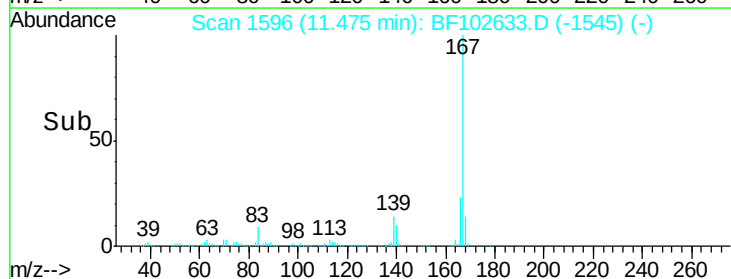
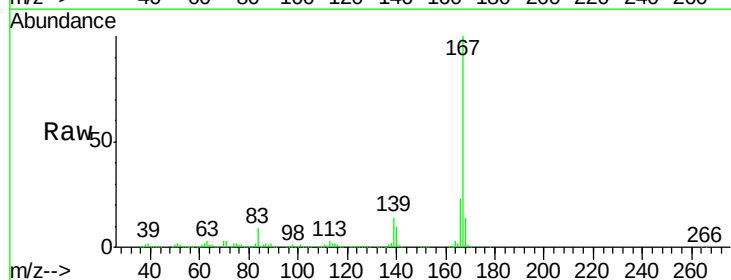
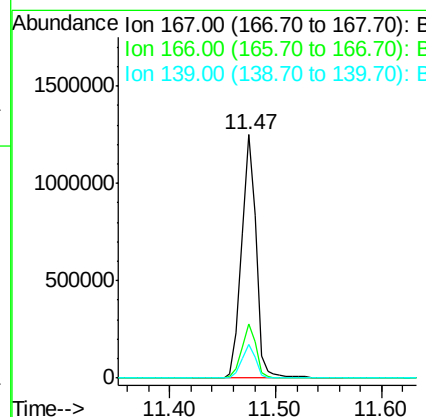
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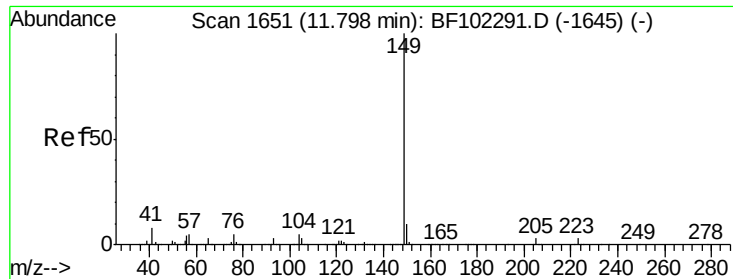
Sohil
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#72
 Carbazole
 Concen: 39.960 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion:167 Resp: 1174220
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.837 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

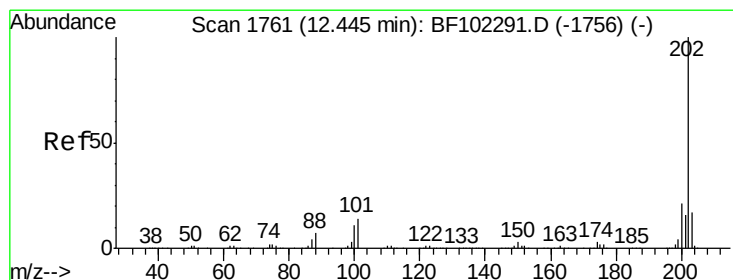
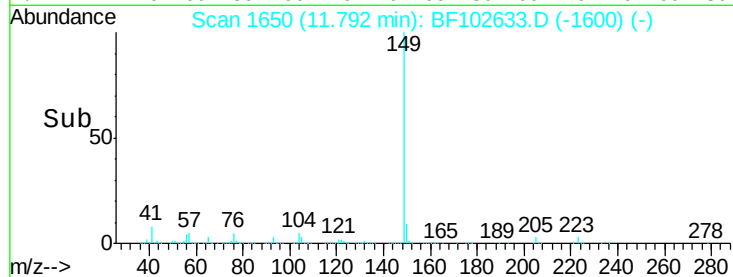
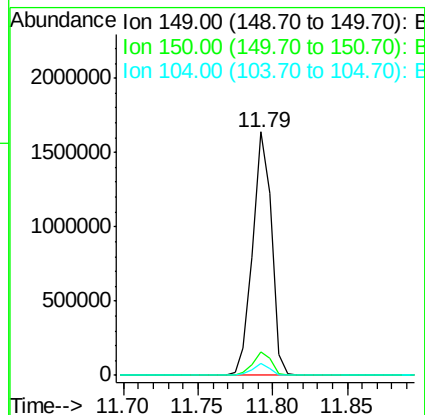
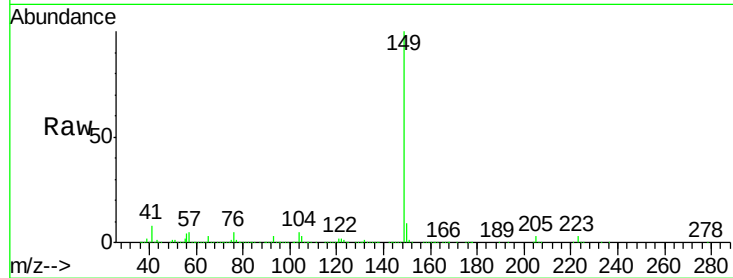
ClientSampleId :

PB106136BS

Tgt Ion:	149	Resp:	1426504
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 41.078 ng

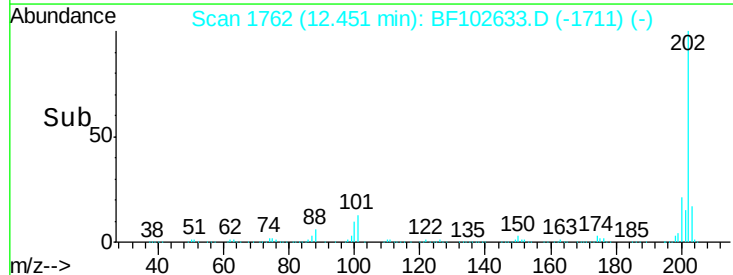
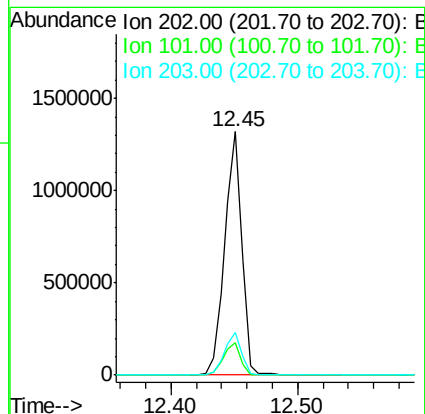
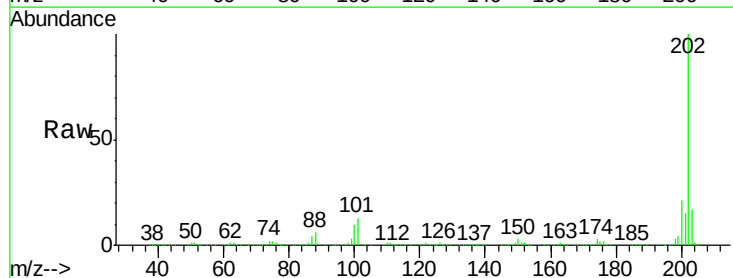
RT: 12.45 min Scan# 1762

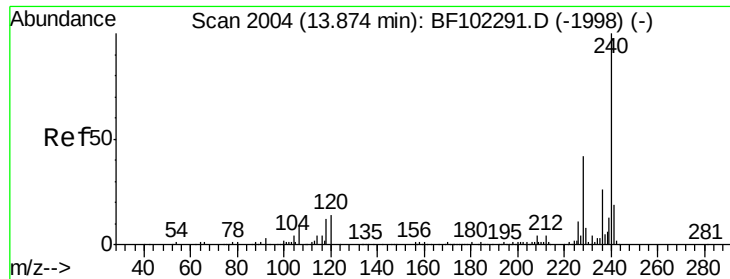
Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:	202	Resp:	1236155
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

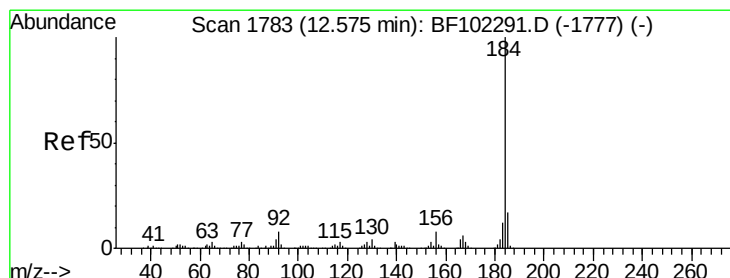
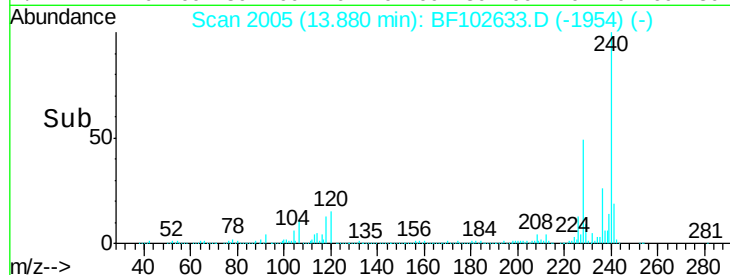
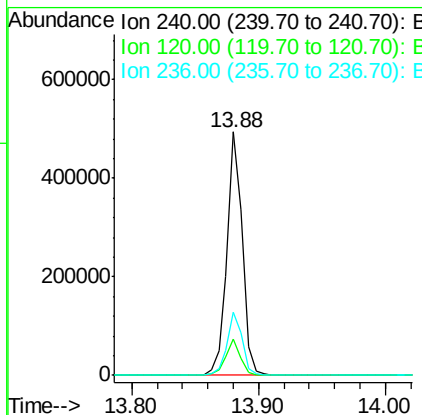
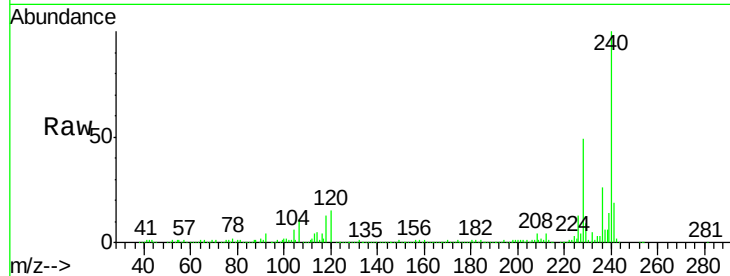
ClientSampleId :

PB106136BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	413161		
120	14.7	9.5	14.3#	
236	25.9	20.7	31.1	

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#76

Benzidine

Concen: 20.750 ng

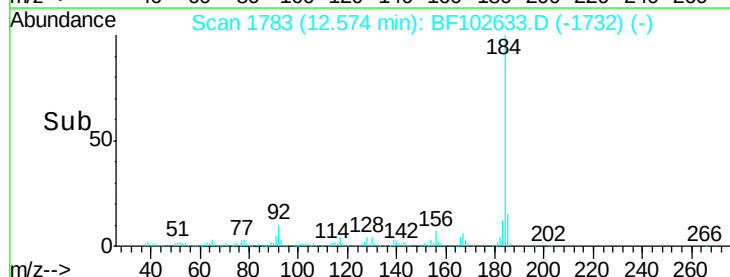
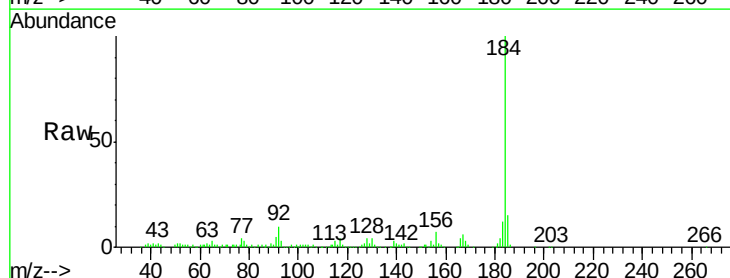
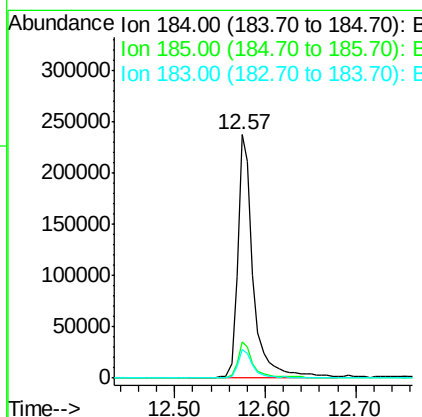
RT: 12.57 min Scan# 1783

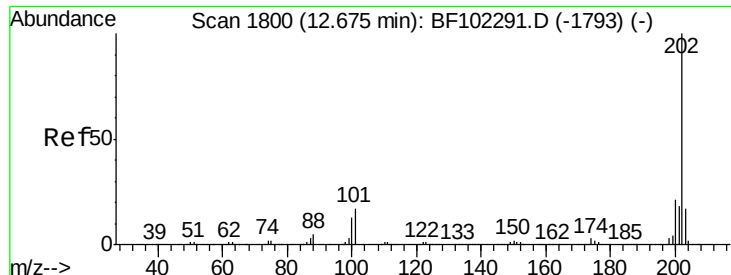
Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	287999		
185	15.0	12.6	18.8	
183	11.9	9.3	13.9	





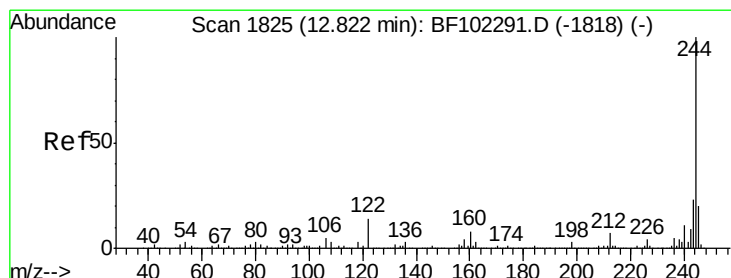
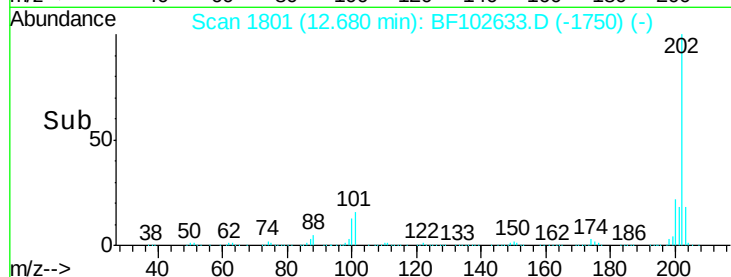
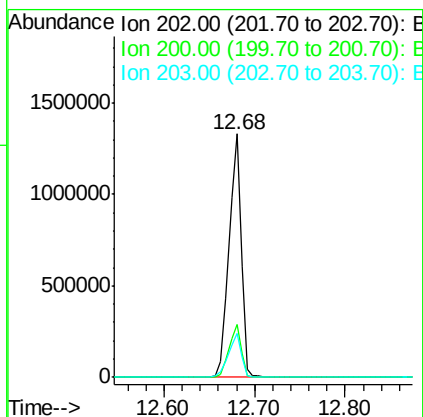
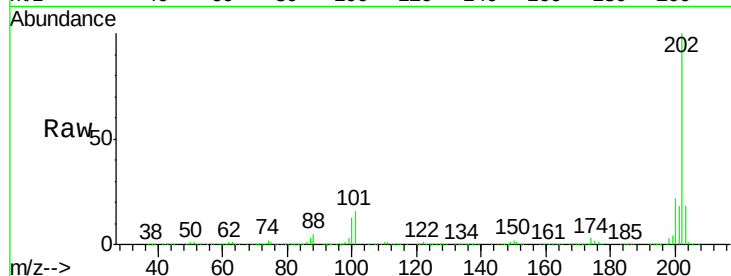
#77
 Pyrene
 Concen: 38.996 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

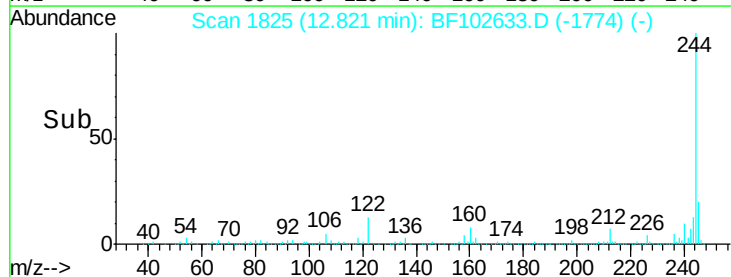
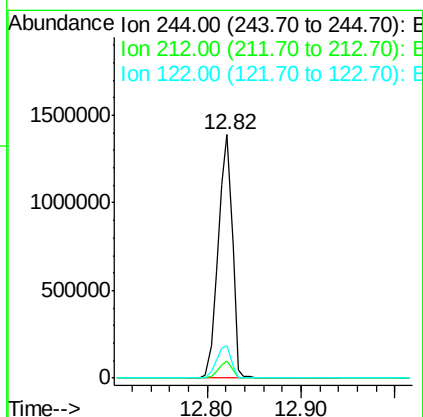
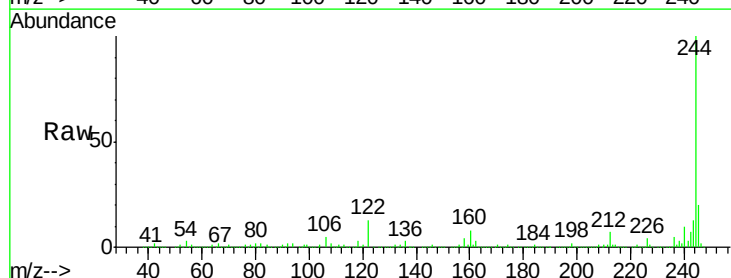
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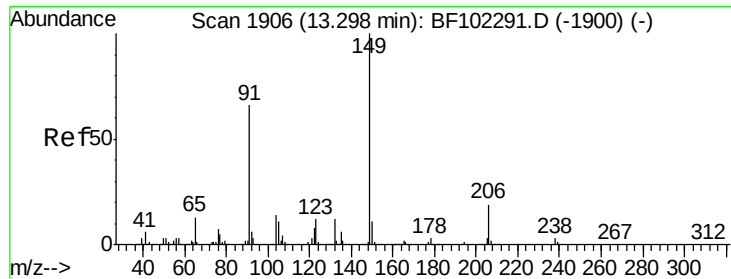
Sohil
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#78
 Terphenyl-d14
 Concen: 80.265 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.3	11.0	16.4





#79

Butylbenzylphthalate

Concen: 40.648 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

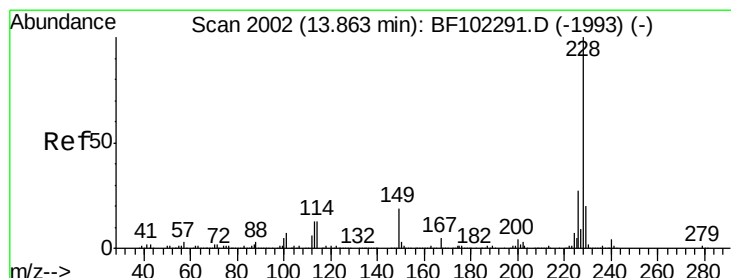
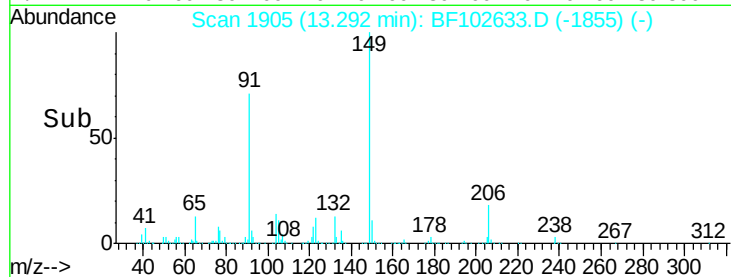
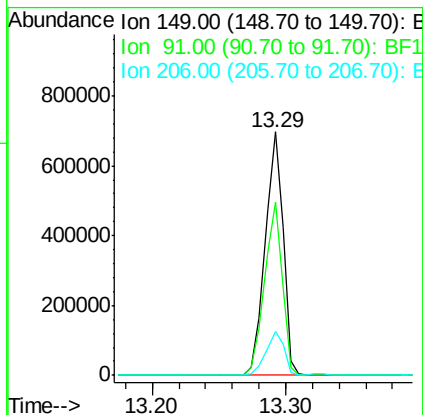
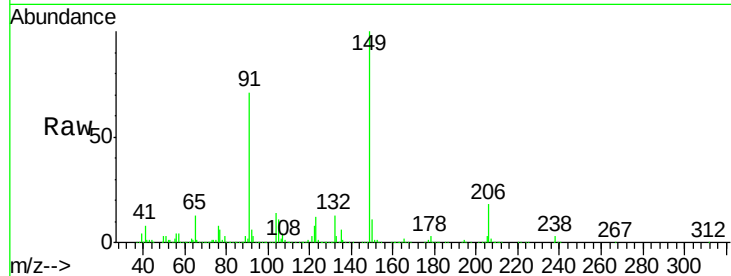
ClientSampleId :

PB106136BS

Tgt Ion:	149	Resp:	646186
Ion Ratio	Lower	Upper	
149	100		
91	71.0	56.8	85.2
206	18.2	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 42.932 ng

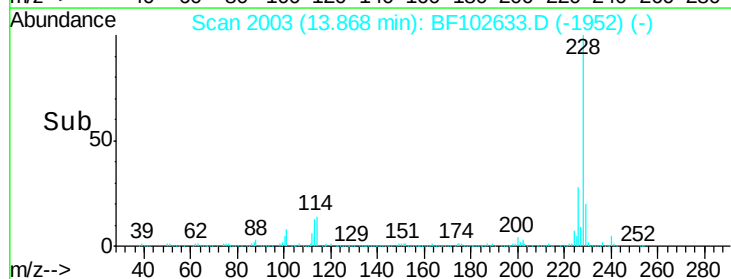
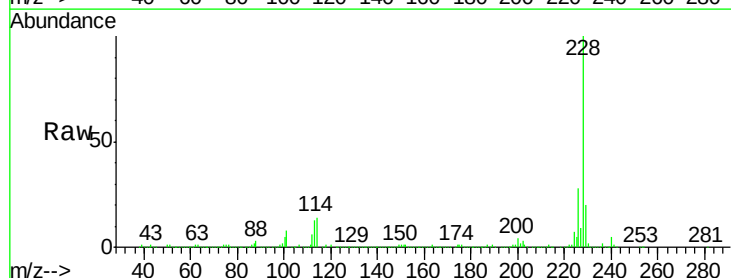
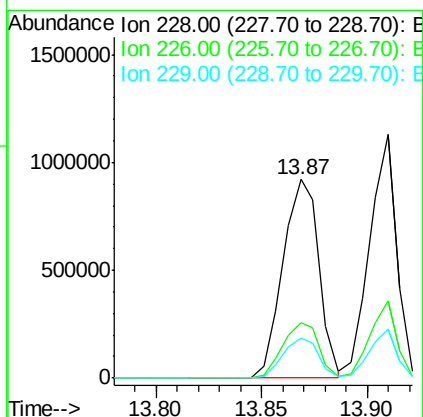
RT: 13.87 min Scan# 2003

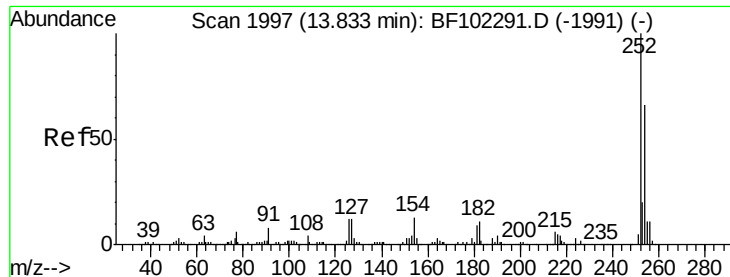
Delta R.T. 0.00 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:	228	Resp:	1092065
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.0	15.8	23.6





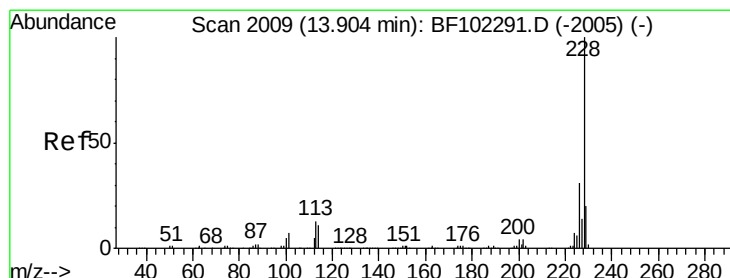
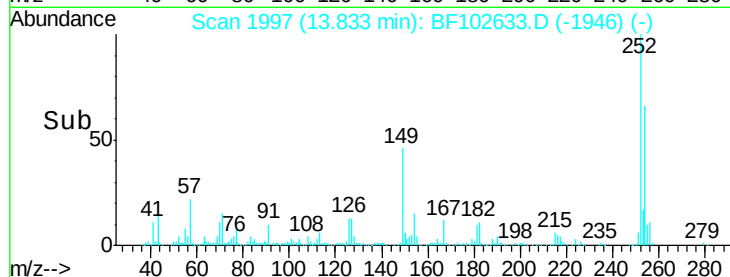
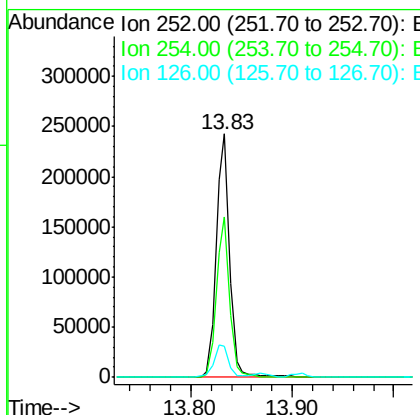
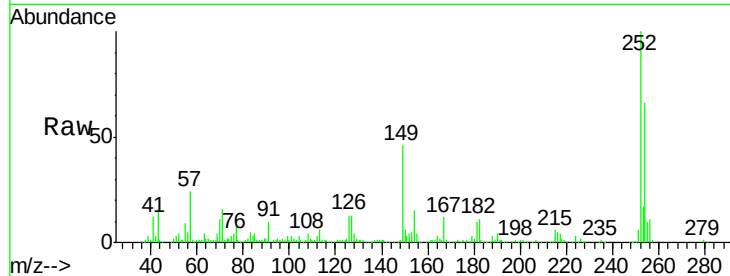
#81
 3,3'-Dichlorobenzidine
 Concen: 23.940 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.9	50.4	75.6
126	12.7	11.3	16.9

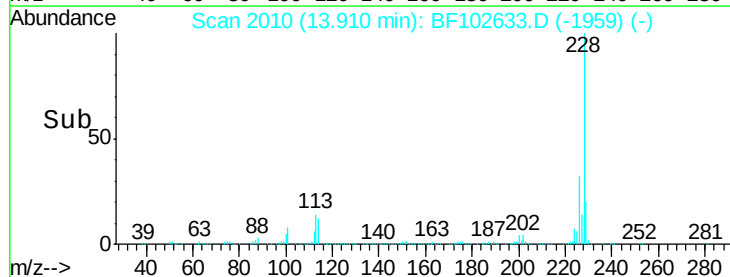
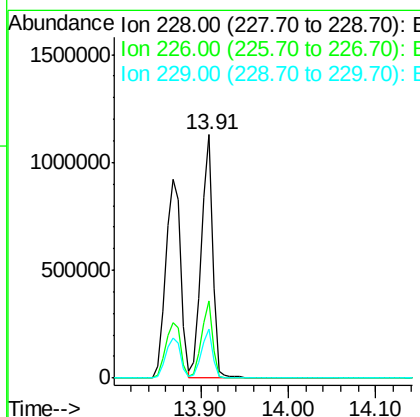
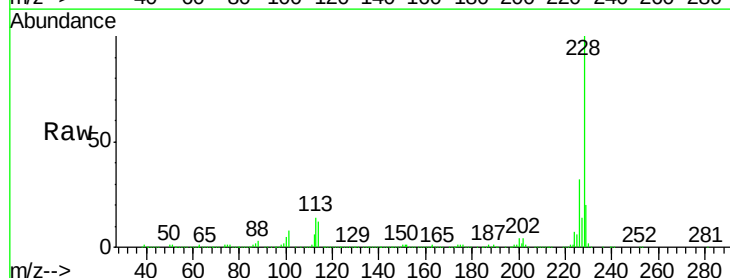
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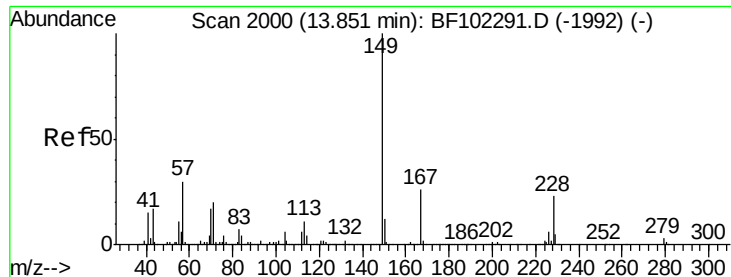
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#82
 Chrysene
 Concen: 39.978 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.570 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

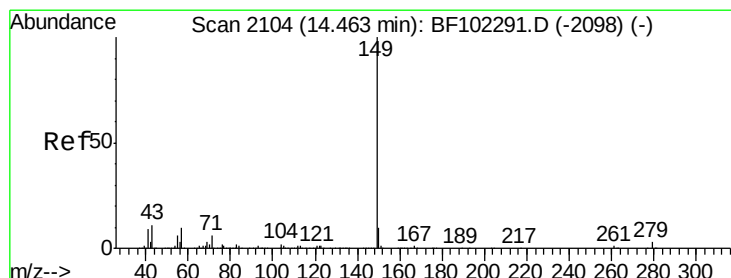
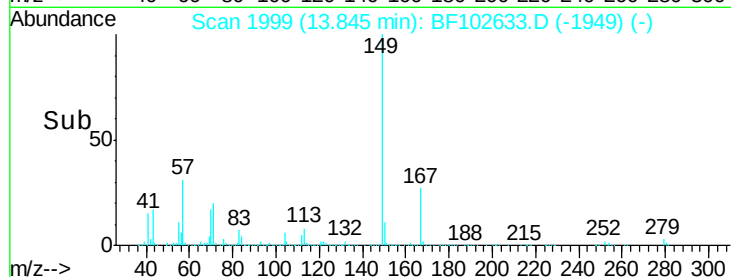
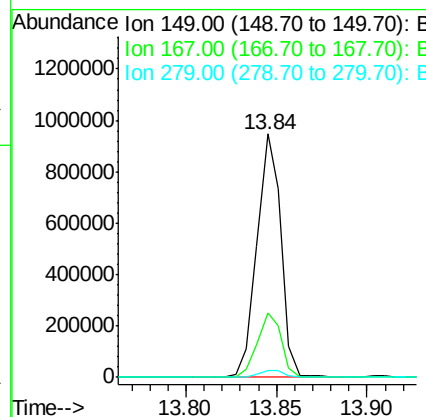
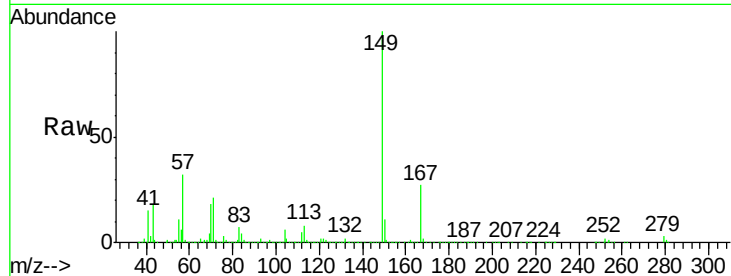
ClientSampleId :

PB106136BS

Tgt Ion:	149	Resp:	866739
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.0	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 41.732 ng

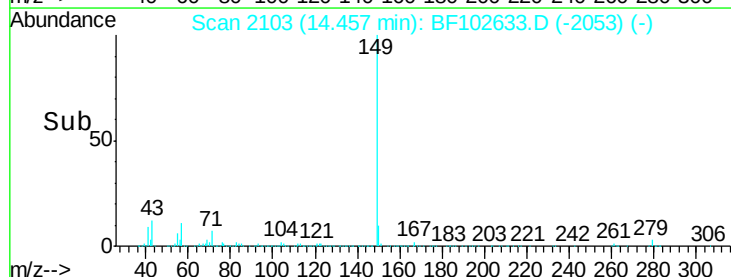
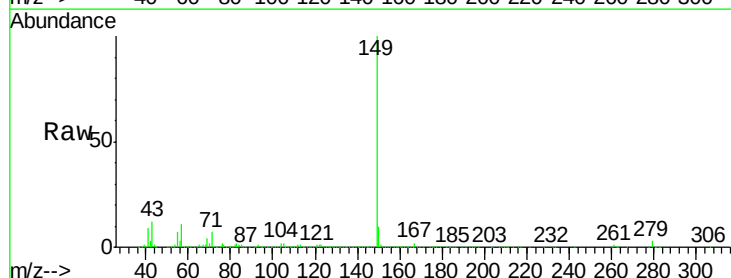
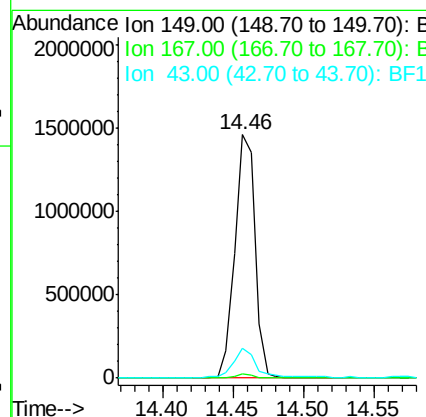
RT: 14.46 min Scan# 2103

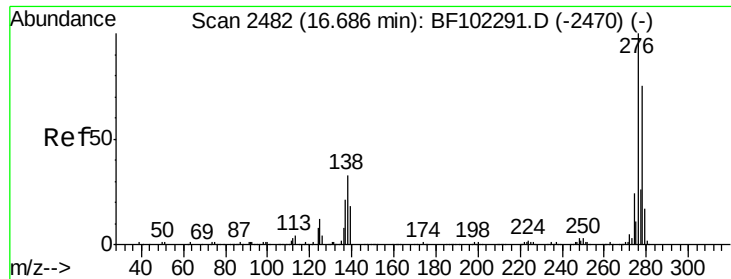
Delta R.T. -0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:	149	Resp:	1449896
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.6	8.4	12.6#





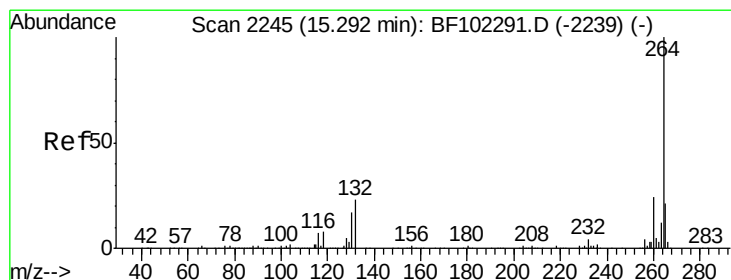
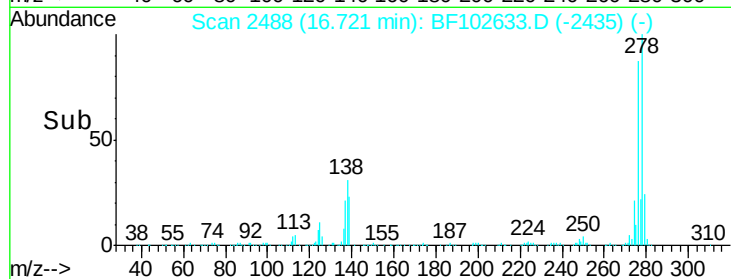
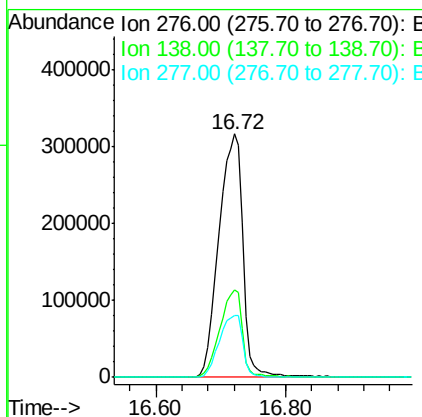
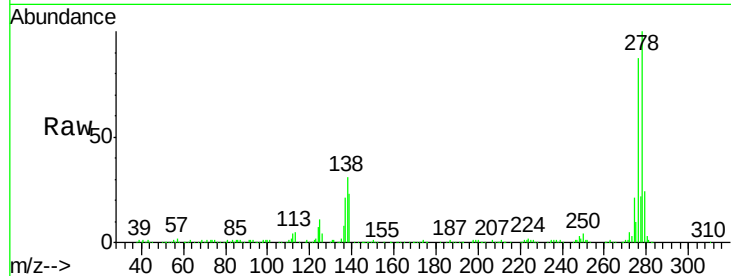
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.861 ng
 RT: 16.72 min Scan# 2488
 Delta R.T. 0.01 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106136BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.0	37.6
277	25.3	20.1	30.1

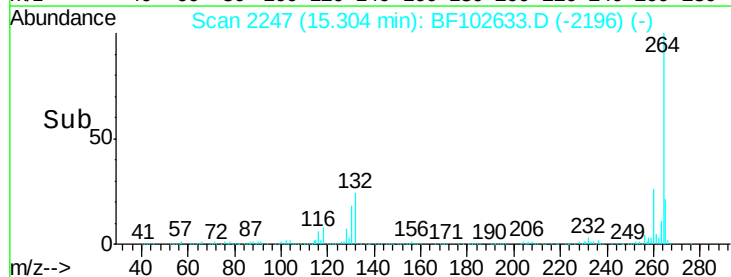
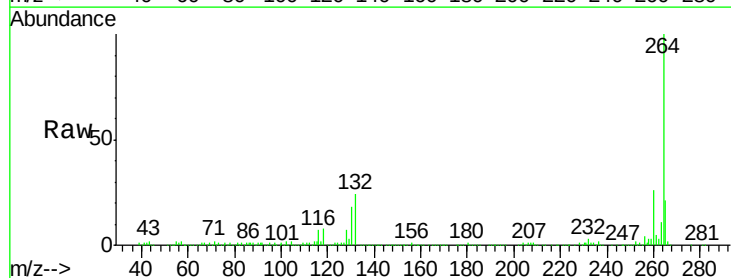
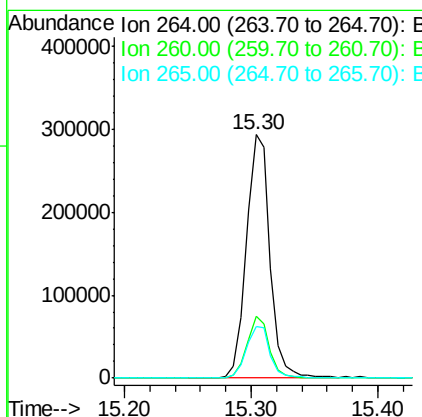
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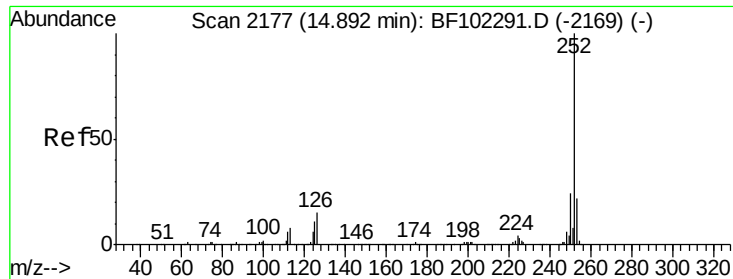
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102633.D
 Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.603 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

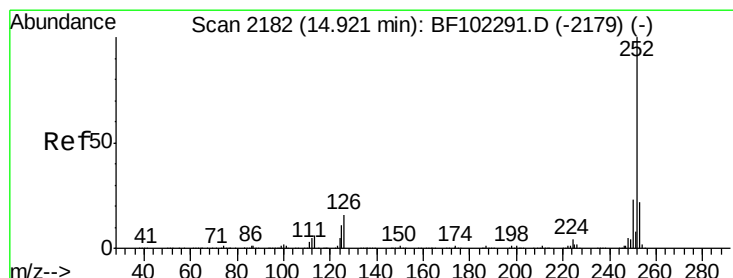
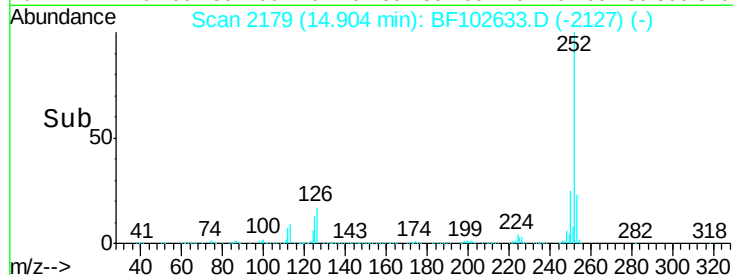
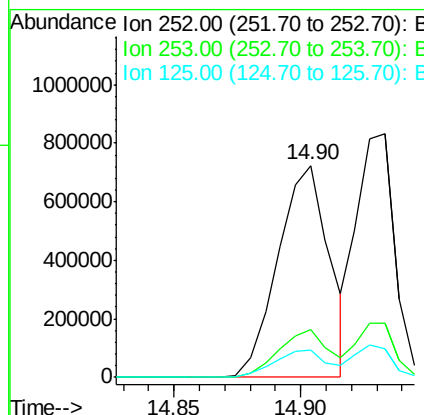
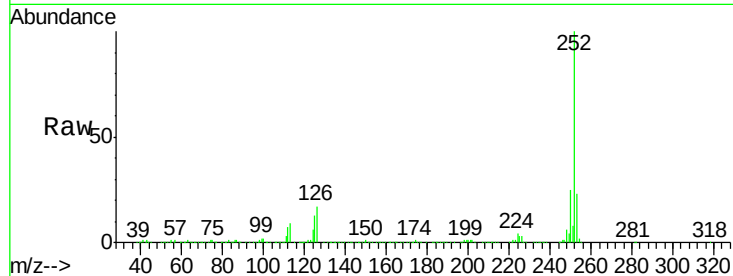
ClientSampleId :

PB106136BS

Tgt Ion:	252	Resp:	1019797
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	12.9	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 38.673 ng

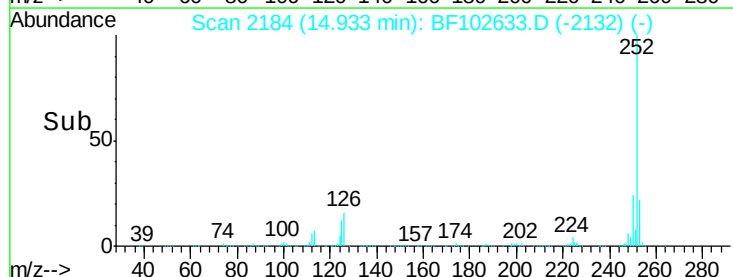
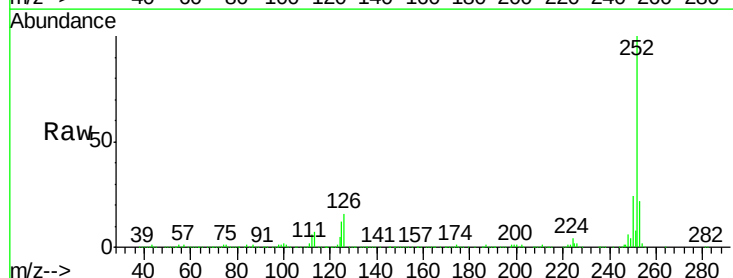
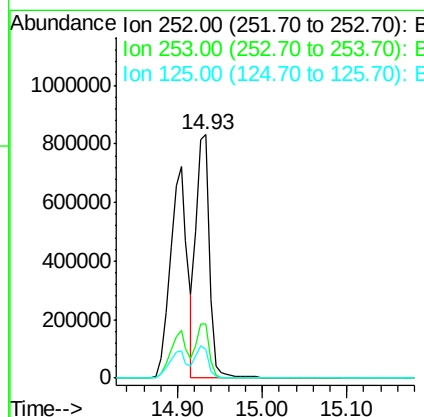
RT: 14.93 min Scan# 2184

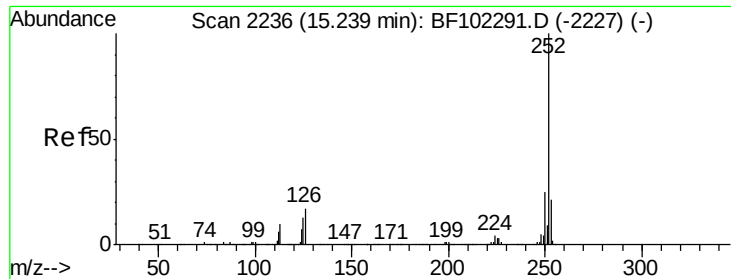
Delta R.T. 0.01 min

Lab File: BF102633.D

Acq: 30 Jan 2018 12:26

Tgt Ion:	252	Resp:	895620
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	11.8	10.2	15.2





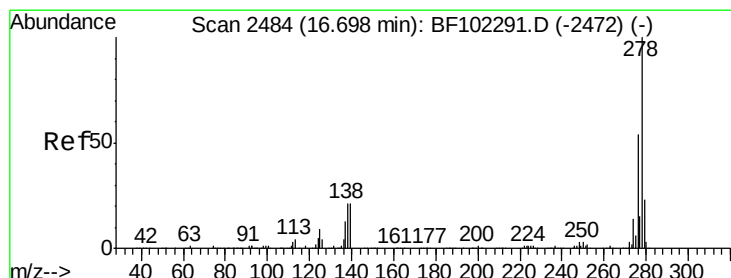
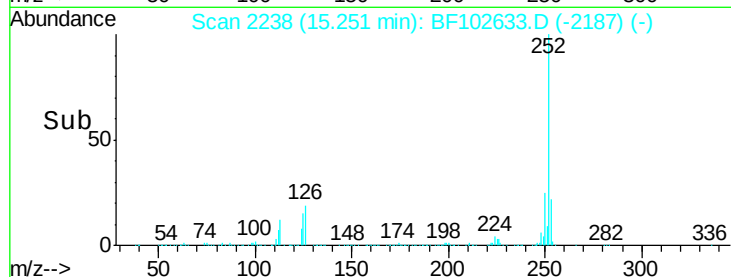
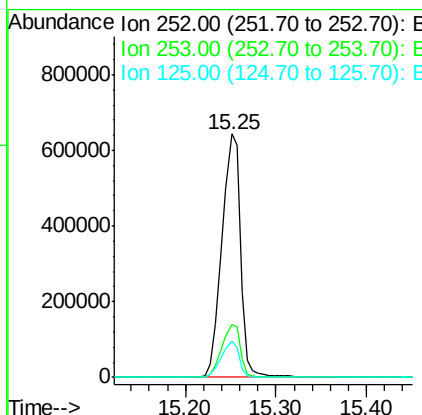
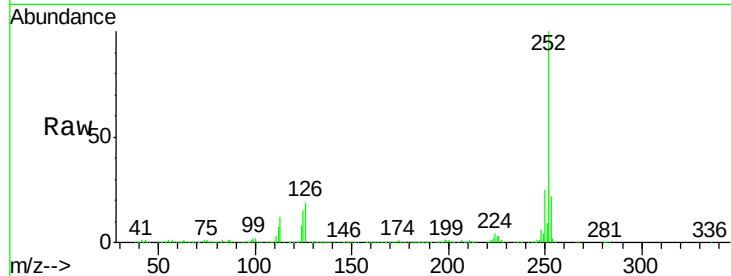
#89
Benzo(a)pyrene
Concen: 41.188 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Instrument :
BNA_F
ClientSampleId :
PB106136BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.9	9.8	14.6

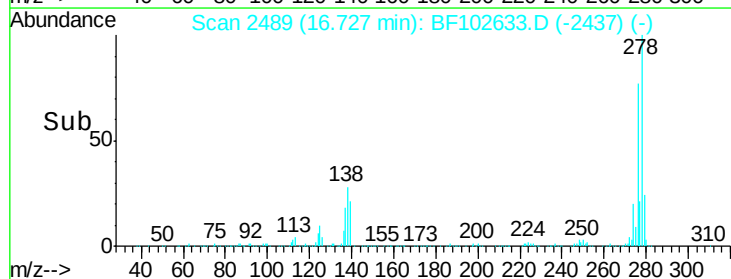
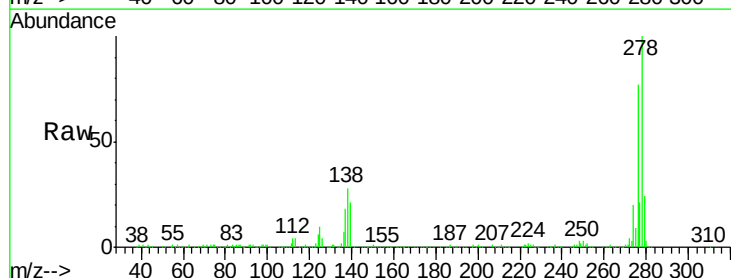
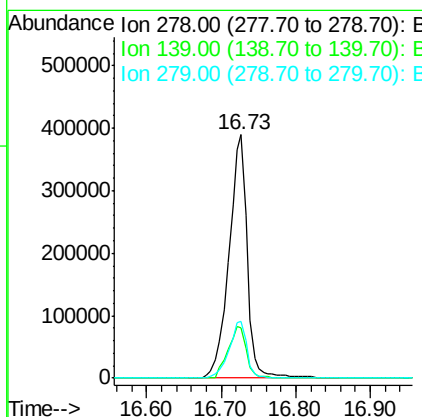
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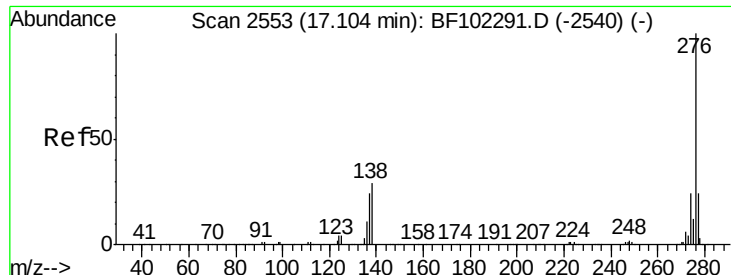
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#90
Dibenzo(a,h)anthracene
Concen: 37.246 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF102633.D
Acq: 30 Jan 2018 12:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 38.199 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102633.D

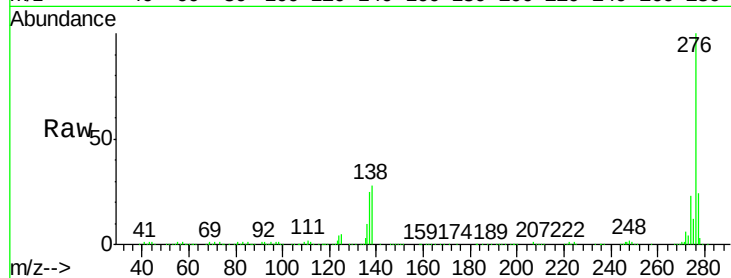
Acq: 30 Jan 2018 12:26

Instrument :

BNA_F

ClientSampleId :

PB106136BS



Tgt Ion: 276 Resp: 675436

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.3 21.8 32.8

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