

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102541.D
 Acq On : 28 Jan 2018 6:08
 Operator : SJ/JU
 Sample : PB106115BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Manual Integrations
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Sohil
 1/29/2018 5:45:06 PM

Quant Time: Jan 29 00:24:36 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	6.72	152	192484	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	761571	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	314718	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	455856	20.00	ng	0.00
75) Chrysene-d12	13.88	240	308828	20.00	ng	0.00
86) Perylene-d12	15.30	264	251532	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1366480	107.64	ng	0.02
7) Phenol-d6	6.37	99	1645450	107.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	1025295	77.37	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	257399	82.54	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1618271	75.61	ng	0.00
78) Terphenyl-d14	12.82	244	1109405	80.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	204200	33.855	ng	98
3) Pyridine	3.16	79	578737	36.716	ng	98
4) n-Nitrosodimethylamine	3.12	42	271091	43.869	ng	96
6) Aniline	6.39	93	324273	16.019	ng	# 45
8) 2-Chlorophenol	6.50	128	508104	38.182	ng	99
9) Benzaldehyde	6.26	77	252136	26.635	ng	98
10) Phenol	6.38	94	598846	35.841	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	502953	39.578	ng	98
12) 1,3-Dichlorobenzene	6.66	146	555715	35.113	ng	98
13) 1,4-Dichlorobenzene	6.73	146	562060	35.453	ng	98
14) 1,2-Dichlorobenzene	6.89	146	504990	34.824	ng	98
15) Benzyl Alcohol	6.87	79	370169	34.280	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	788876	37.013	ng	75
17) 2-Methylphenol	6.98	107	417715	36.143	ng	# 94
18) Hexachloroethane	7.22	117	164918	29.852	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	339765	36.277	ng	99
20) 3+4-Methylphenols	7.14	107	520087	38.263	ng	91
22) Acetophenone	7.13	105	696115	38.344	ng	# 96
24) Nitrobenzene	7.30	77	524580	38.680	ng	99
25) Isophorone	7.54	82	974776	41.259	ng	98
26) 2-Nitrophenol	7.62	139	250699	35.122	ng	90
27) 2,4-Dimethylphenol	7.66	122	460256	44.407	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	626378	42.919	ng	99
29) 2,4-Dichlorophenol	7.86	162	414319	39.244	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	396730	35.055	ng	97
31) Naphthalene	8.02	128	1389921	36.554	ng	100
32) Benzoic acid	7.81	122	241654	27.829	ng	95
33) 4-Chloroaniline	8.07	127	160850	10.060	ng	99
34) Hexachlorobutadiene	8.13	225	208447	34.485	ng	98
35) Caprolactam	8.46	113	141339m	40.536	ng	
36) 4-Chloro-3-methylphenol	8.57	107	434821	39.073	ng	97
37) 2-Methylnaphthalene	8.71	142	921432	36.387	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	350476	37.015	ng	98
40) Hexachlorocyclopentadiene	8.86	237	24560	5.796	ng	99

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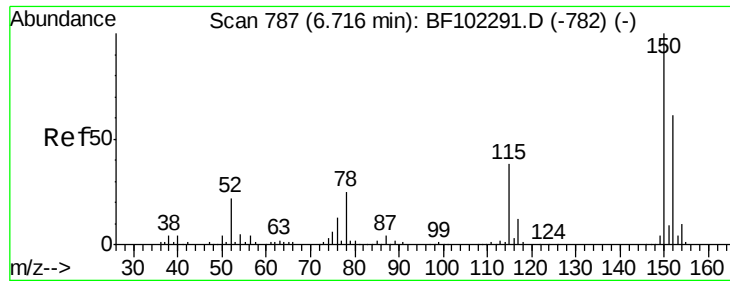
Manual Integrations
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Sohil
 1/29/2018 5:45:06 PM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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	240953	38.014	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	257263	36.048	ng	97
45) 1,1'-Biphenyl	9.17	154	1026898	36.491	ng	99
46) 2-Chloronaphthalene	9.20	162	790113	36.122	ng	98
47) 2-Nitroaniline	9.30	65	282868	41.480	ng	93
48) Acenaphthylene	9.62	152	1174546	34.467	ng	99
49) Dimethylphthalate	9.47	163	985692	37.892	ng	99
50) 2,6-Dinitrotoluene	9.55	165	201232	35.880	ng	89
51) Acenaphthene	9.79	154	687219	34.530	ng	99
52) 3-Nitroaniline	9.72	138	155056	23.370	ng	96
53) 2,4-Dinitrophenol	9.83	184	22238	12.125	ng #	21
54) Dibenzofuran	9.96	168	988677	36.706	ng	96
55) 4-Nitrophenol	9.90	139	263551	60.177	ng	93
56) 2,4-Dinitrotoluene	9.96	165	222240	32.223	ng #	89
57) Fluorene	10.30	166	767894	35.978	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	178757	35.081	ng	97
59) Diethylphthalate	10.17	149	929432	36.767	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	346457	37.440	ng	100
61) 4-Nitroaniline	10.33	138	206501	31.191	ng	90
62) Azobenzene	10.45	77	858010	37.072	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	22065	7.255	ng	97
65) n-Nitrosodiphenylamine	10.42	169	718687	42.954	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	205407	41.858	ng	96
67) Hexachlorobenzene	10.85	284	195202	35.568	ng	92
68) Atrazine	10.95	200	207208	41.931	ng	98
69) Pentachlorophenol	11.05	266	150210	52.101	ng	99
70) Phenanthrene	11.26	178	980570	36.914	ng	99
71) Anthracene	11.32	178	999758	36.873	ng	100
72) Carbazole	11.47	167	947849	35.834	ng	100
73) Di-n-butylphthalate	11.80	149	1325896	40.102	ng	99
74) Fluoranthene	12.45	202	889225	32.827	ng	98
76) Benzidine	12.58	184	669886	64.570	ng	98
77) Pyrene	12.68	202	882199	36.947	ng	99
79) Butylbenzylphthalate	13.29	149	477985	40.225	ng	99
80) Benzo(a)anthracene	13.87	228	762116	40.083	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	280637	40.236	ng	97
82) Chrysene	13.90	228	730094	37.813	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	667419	41.795	ng	99
84) Di-n-octyl phthalate	14.46	149	1068287	41.136	ng	99
85) Indeno(1,2,3-cd)pyrene	16.71	276	524617	32.900	ng	96
87) Benzo(b)fluoranthene	14.90	252	643890	39.495	ng	99
88) Benzo(k)fluoranthene	14.93	252	625291	40.596	ng	98
89) Benzo(a)pyrene	15.24	252	590687	40.173	ng	97
90) Dibenzo(a,h)anthracene	16.72	278	444884	37.352	ng	96
91) Benzo(g,h,i)perylene	17.12	276	424917	36.131	ng	95

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



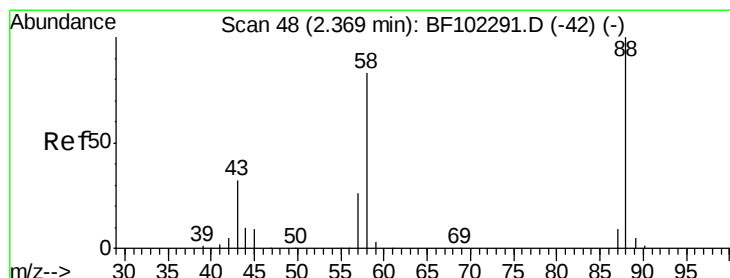
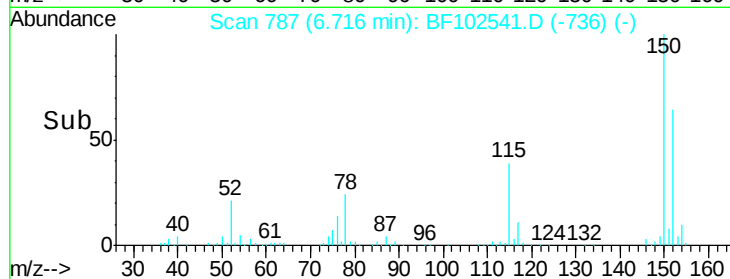
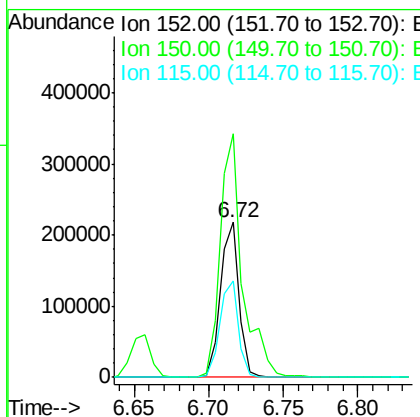
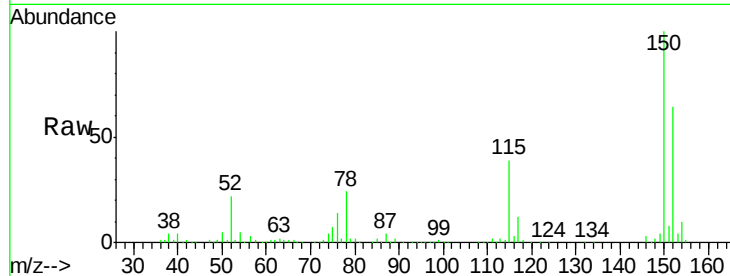
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampled :
 PB106115BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	61.8	50.1	75.1

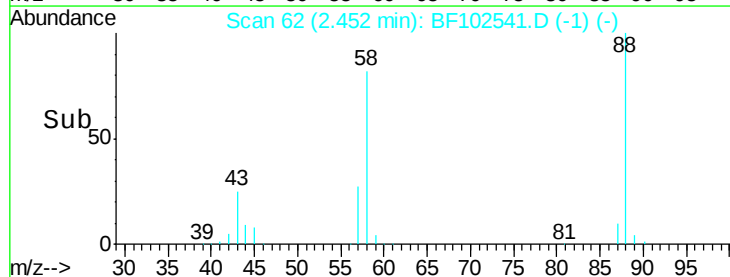
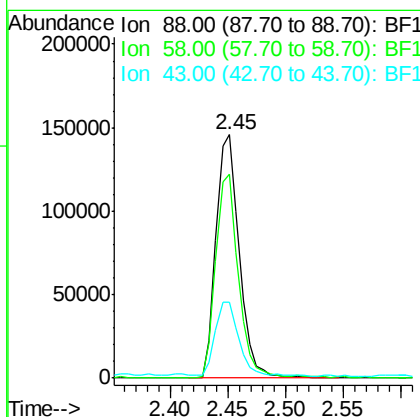
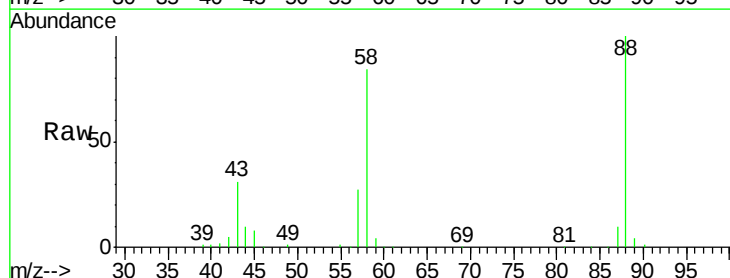
Manual Integrations
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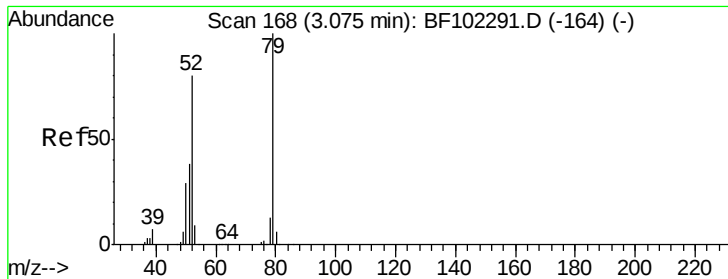
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#2
 1,4-Dioxane
 Concen: 33.855 ng
 RT: 2.45 min Scan# 62
 Delta R.T. 0.09 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.6	93.8
43	31.0	24.6	37.0





#3

Pyridine

Concen: 36.716 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.09 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

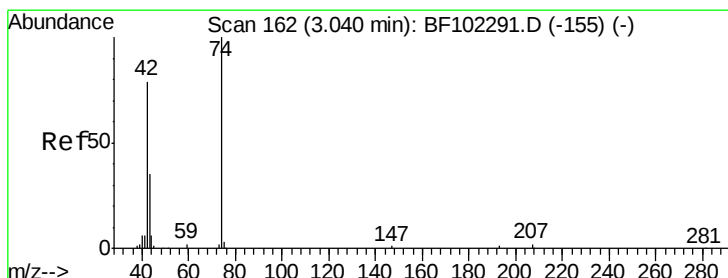
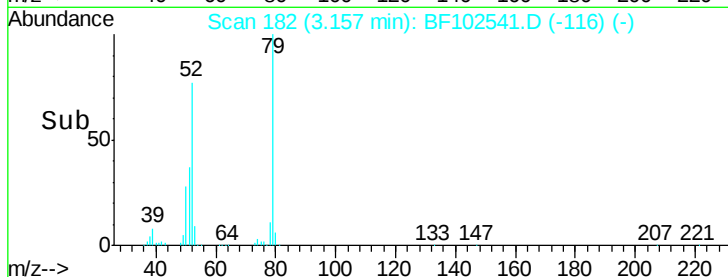
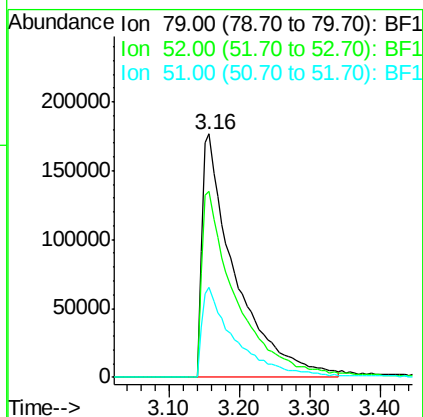
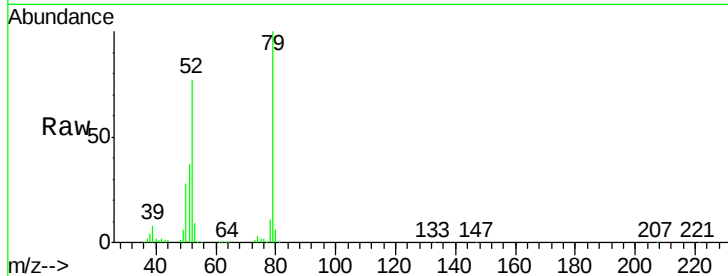
PB106115BS

Tgt Ion:	79	Resp:	578737
Ion Ratio	Lower	Upper	
79	100		
52	76.6	59.8	89.6
51	37.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 43.869 ng

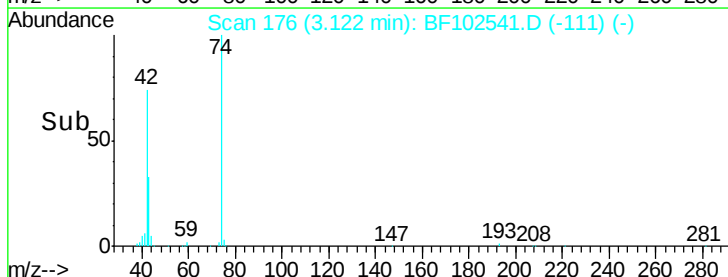
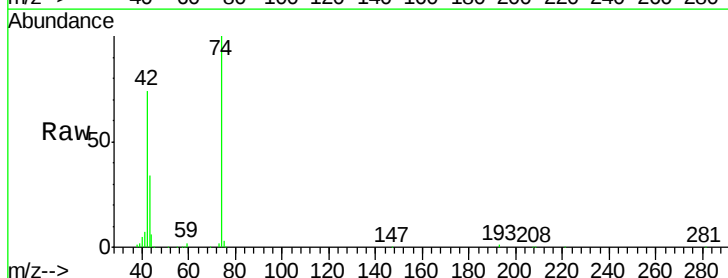
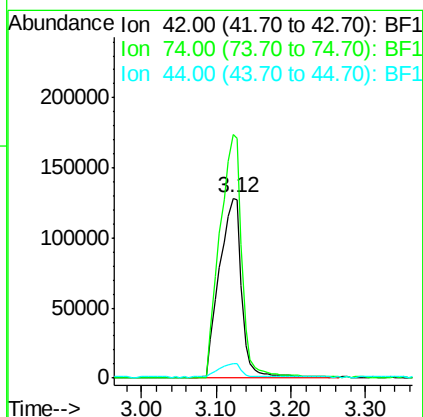
RT: 3.12 min Scan# 176

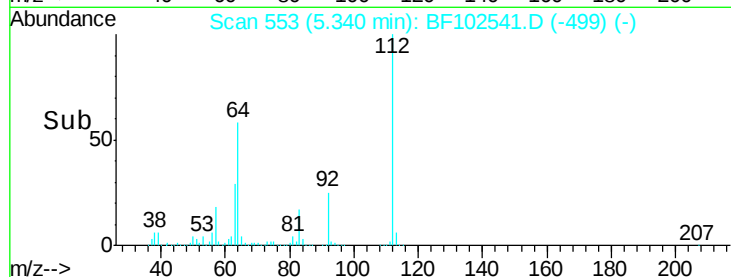
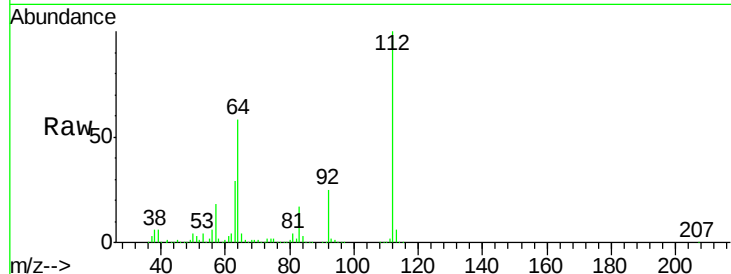
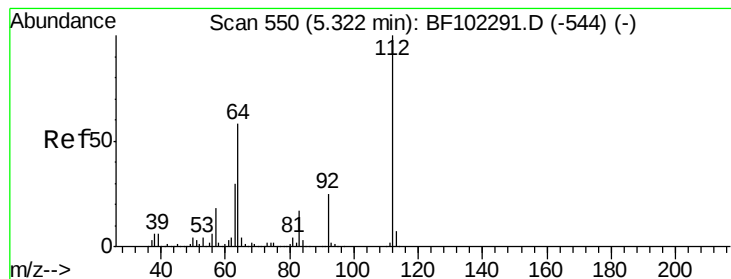
Delta R.T. 0.08 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion:	42	Resp:	271091
Ion Ratio	Lower	Upper	
42	100		
74	135.5	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 107.642 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion:	112	Resp:	1366480
Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	29.3	23.7	35.5

Instrument :

BNA_F

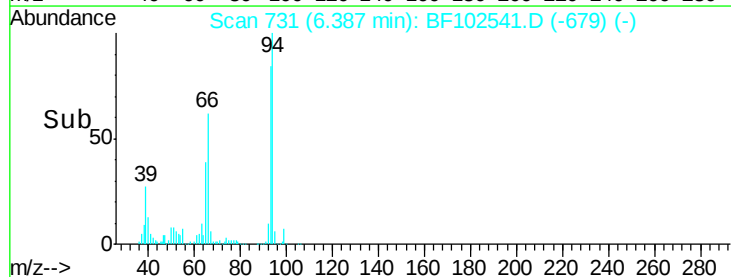
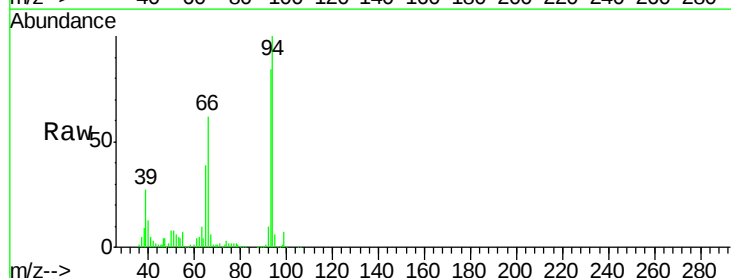
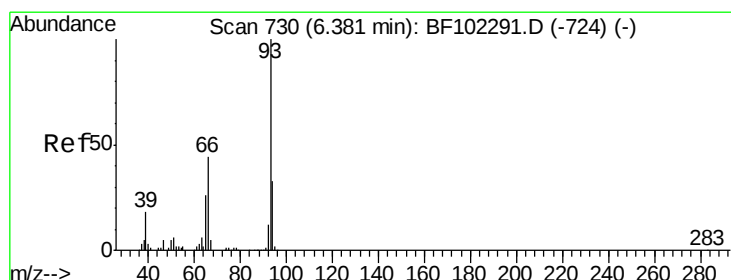
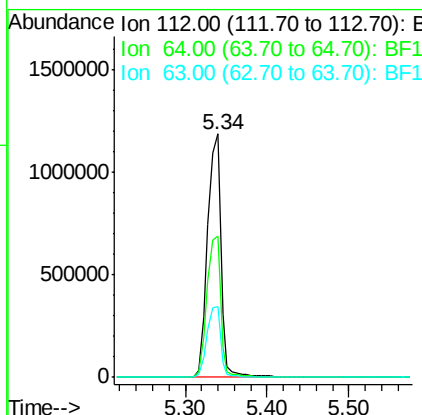
ClientSampleId :

PB106115BS

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#6

Aniline

Concen: 16.019 ng

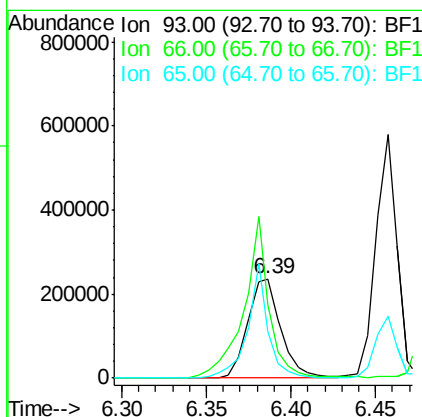
RT: 6.39 min Scan# 731

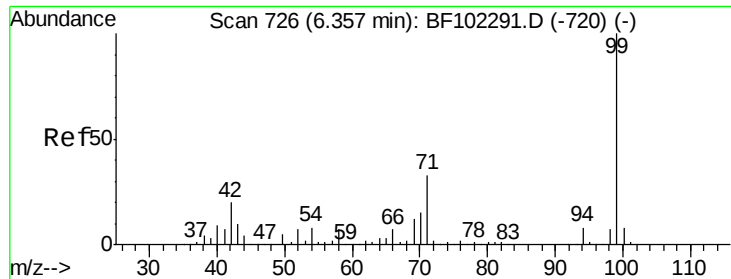
Delta R.T. 0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion:	93	Resp:	324273
Ion	Ratio	Lower	Upper
93	100		
66	73.8	32.2	48.2#
65	46.1	16.4	24.6#





#7

Phenol-d6

Concen: 107.514 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion: 99 Resp: 1645450

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

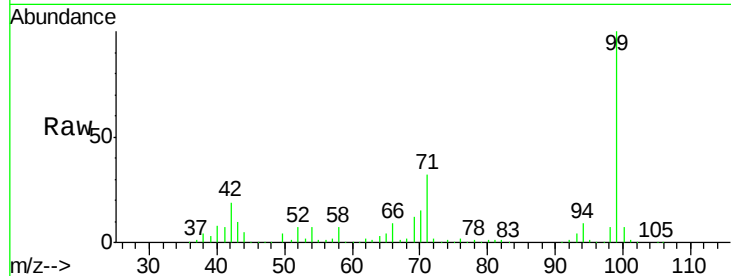
71 32.2 25.4 38.0

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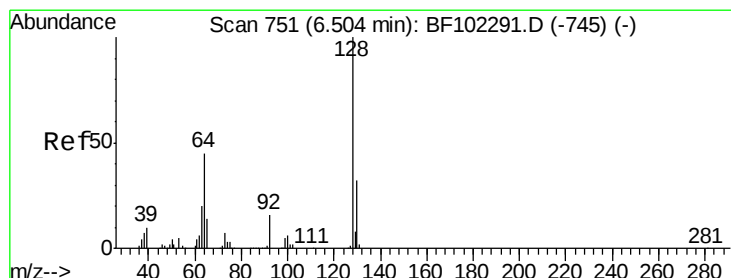
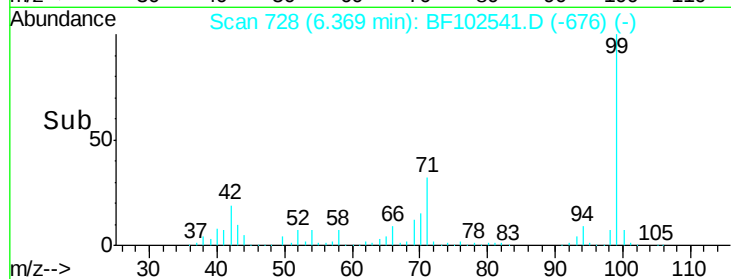
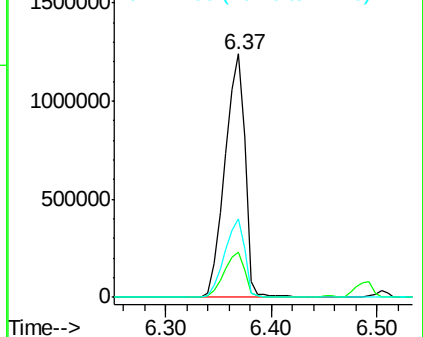
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.182 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

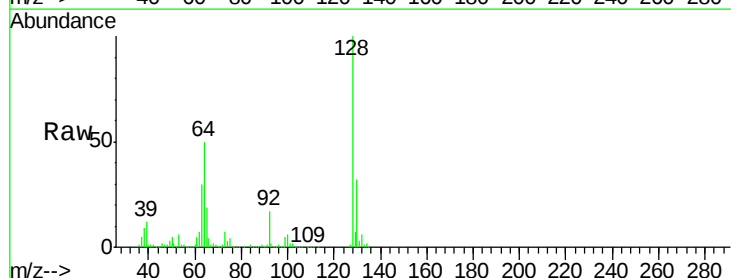
Tgt Ion: 128 Resp: 508104

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

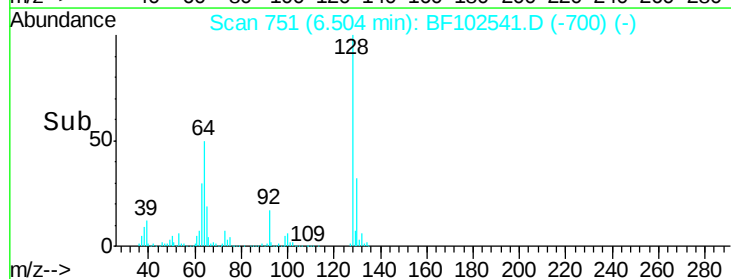
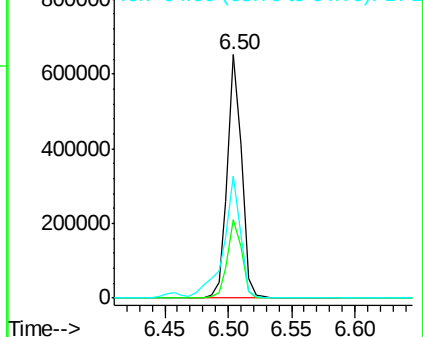
64 50.1 29.4 69.4

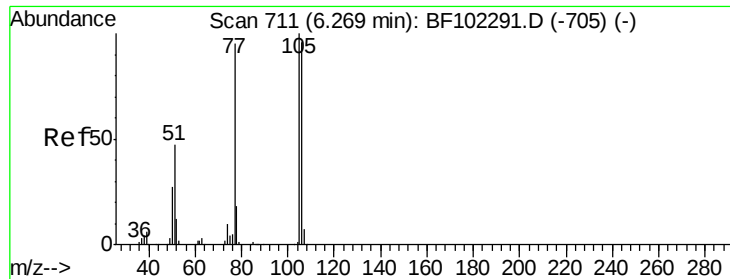


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.635 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion: 77 Resp: 252136
Ion Ratio Lower Upper

77 100

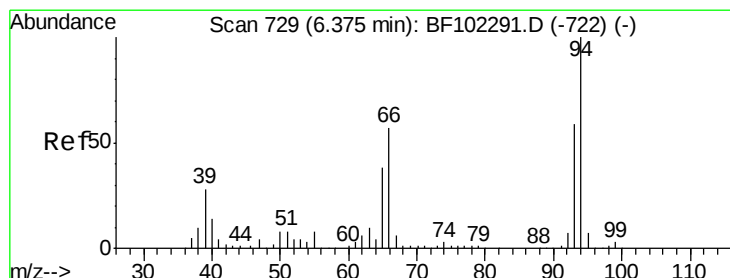
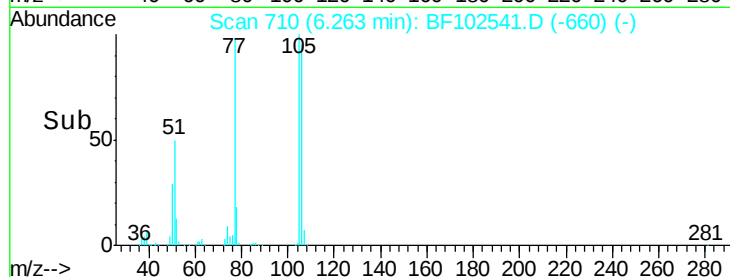
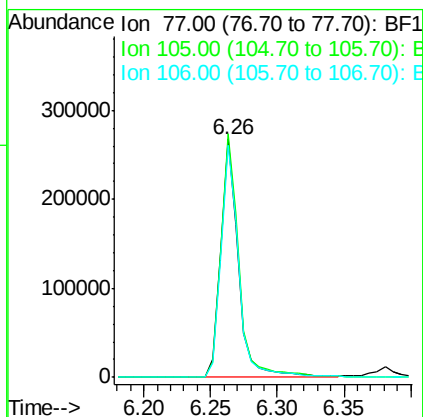
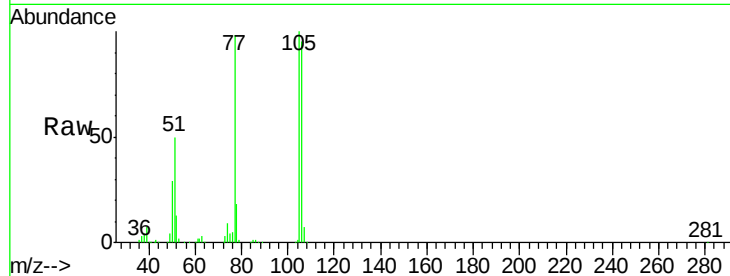
105 102.2 81.1 121.1

106 97.4 74.5 114.5

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#10

Phenol

Concen: 35.841 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102541.D

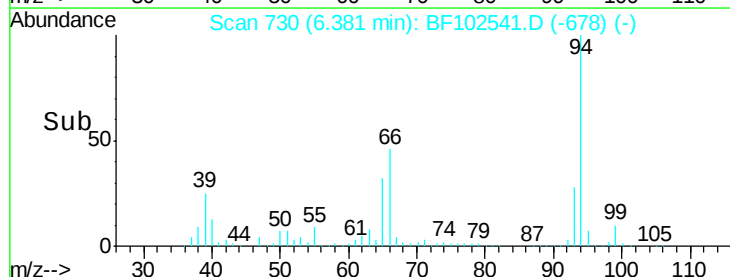
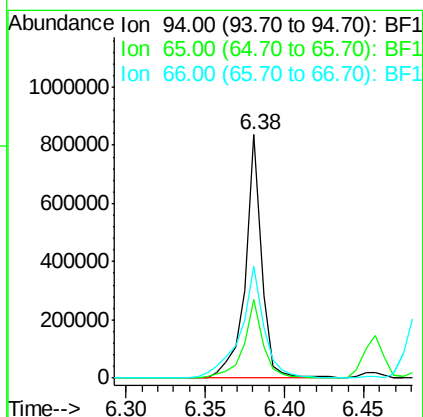
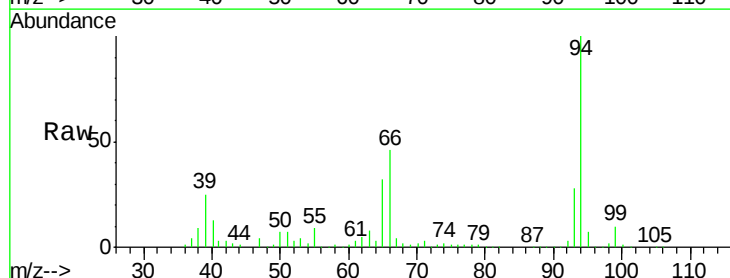
Acq: 28 Jan 2018 6:08

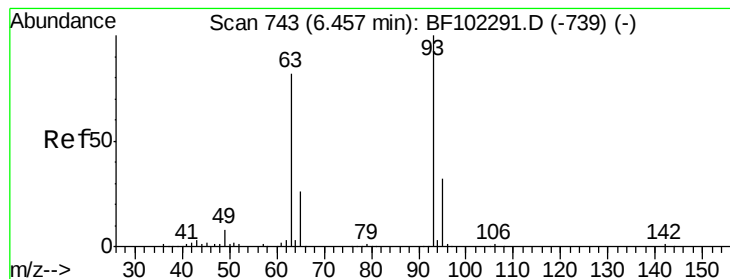
Tgt Ion: 94 Resp: 598846
Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

66 45.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.578 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion: 93 Resp: 502953
Ion Ratio Lower Upper

93 100

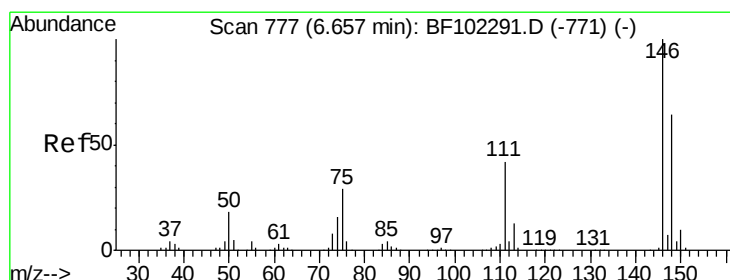
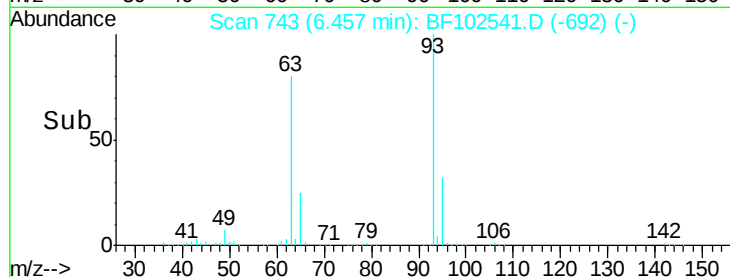
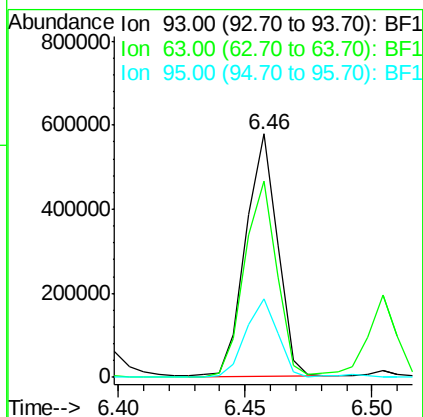
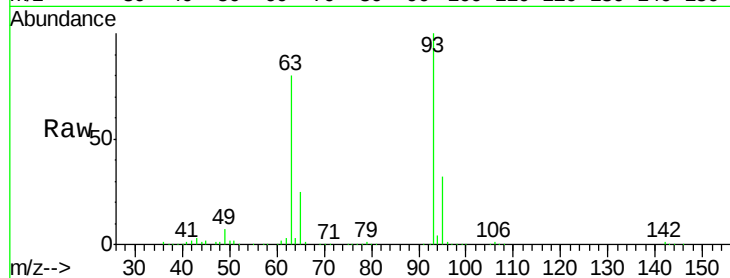
63 80.4 58.6 98.6

95 32.4 11.8 51.8

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#12

1,3-Dichlorobenzene

Concen: 35.113 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF102541.D

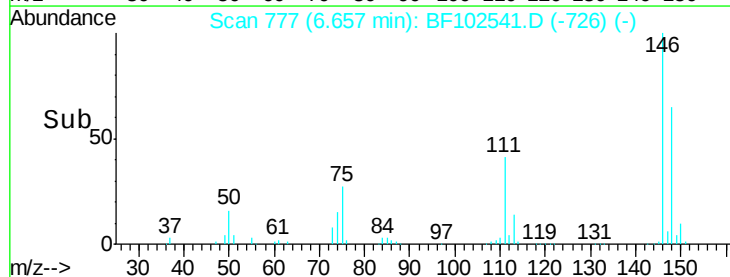
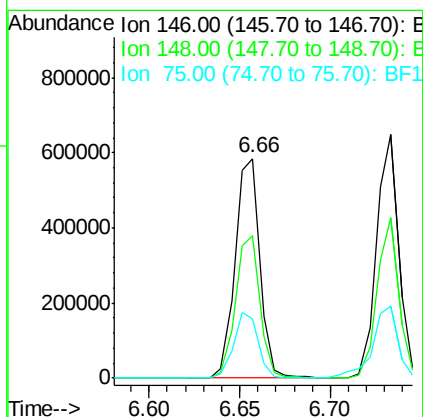
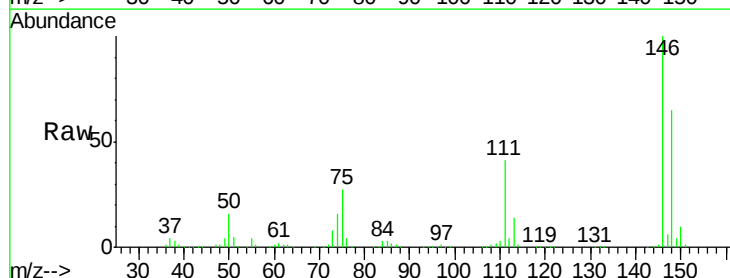
Acq: 28 Jan 2018 6:08

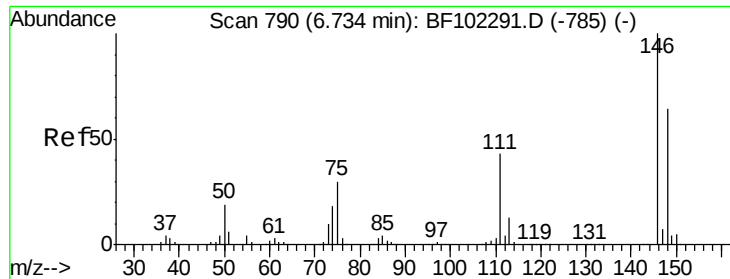
Tgt Ion: 146 Resp: 555715
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 26.9 24.2 36.4





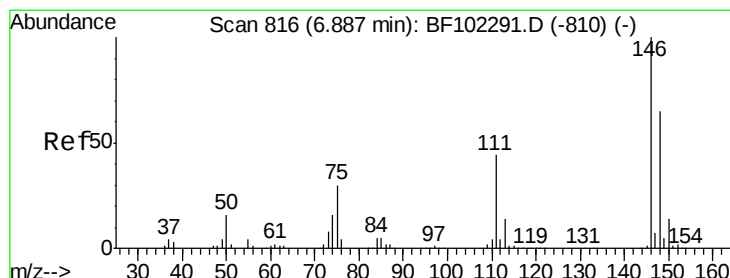
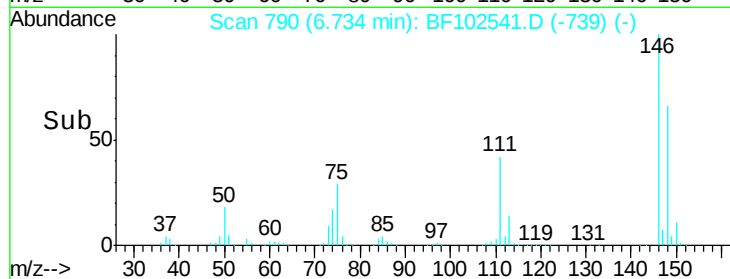
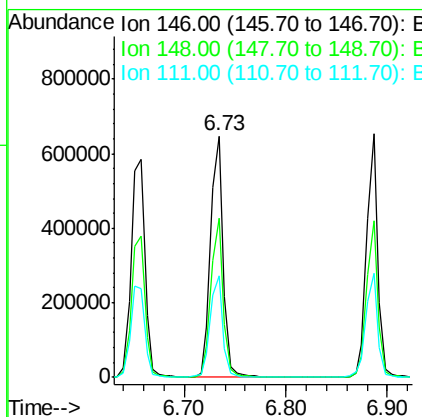
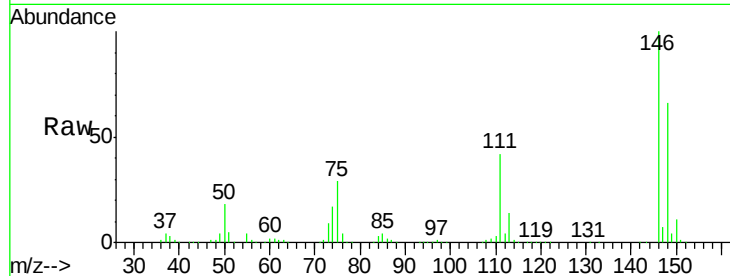
#13
 1,4-Dichlorobenzene
 Concen: 35.453 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
111	41.8	34.2	51.2

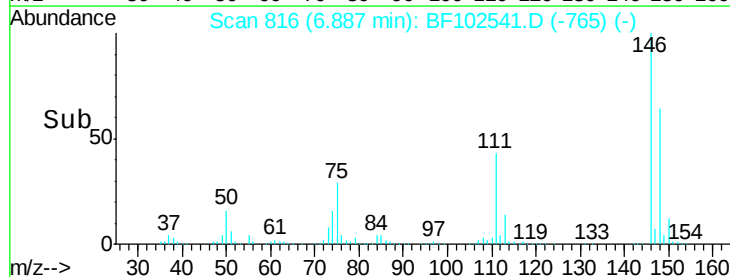
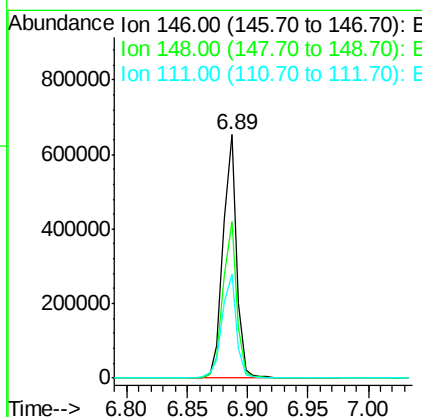
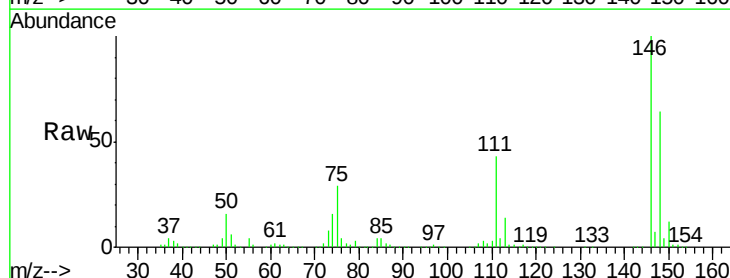
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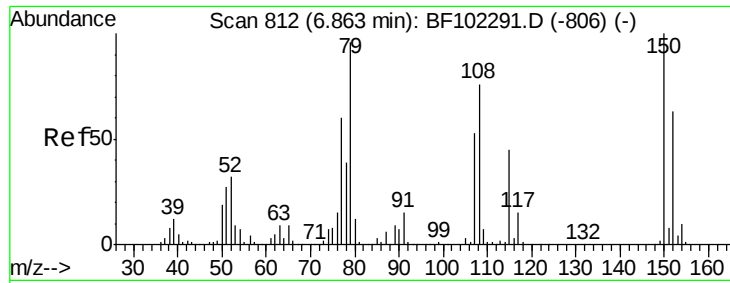
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#14
 1,2-Dichlorobenzene
 Concen: 34.824 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.7	36.0	54.0





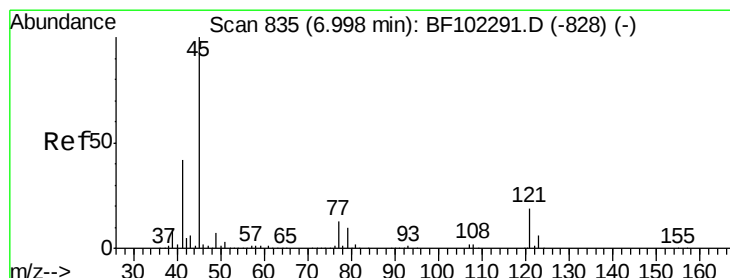
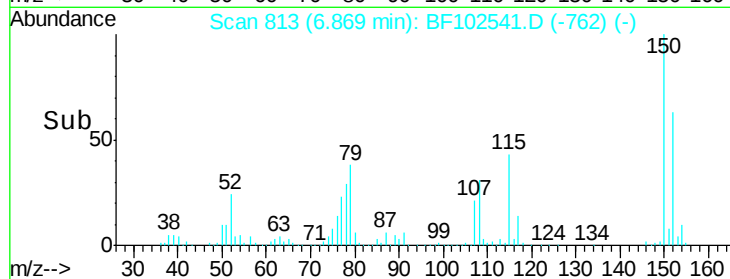
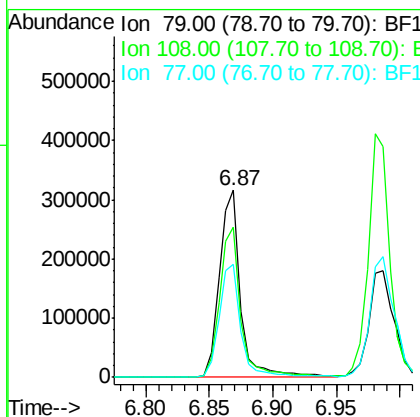
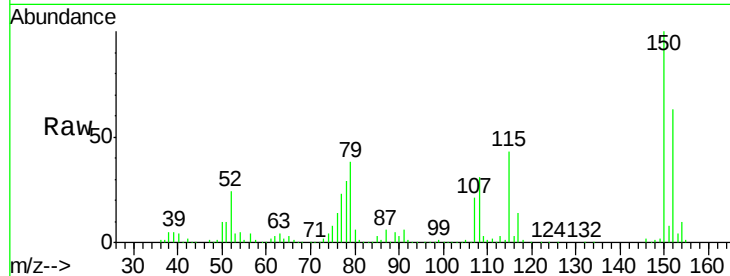
#15
Benzyl Alcohol
Concen: 34.280 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampled :
PB106115BS

Tgt Ion: 79 Resp: 370169
Ion Ratio Lower Upper
79 100
108 80.1 65.1 97.7
77 60.8 50.6 75.8

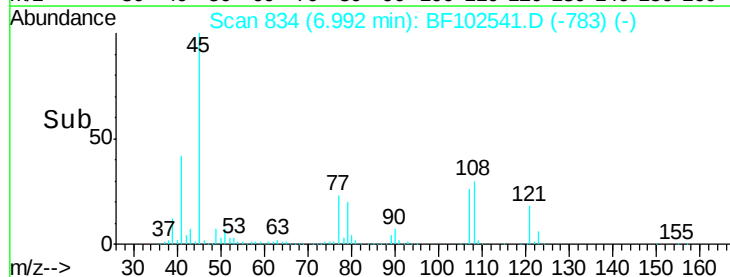
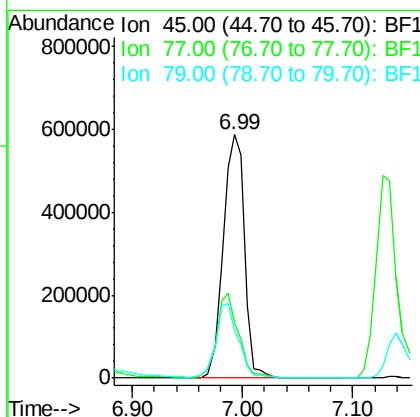
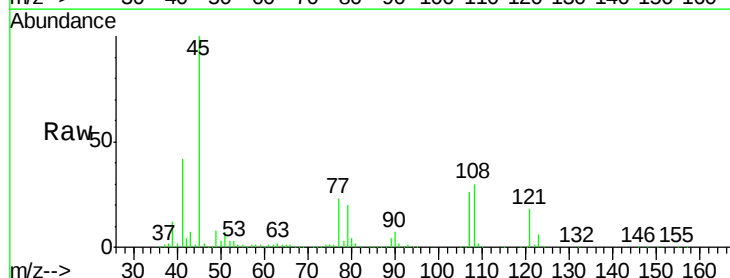
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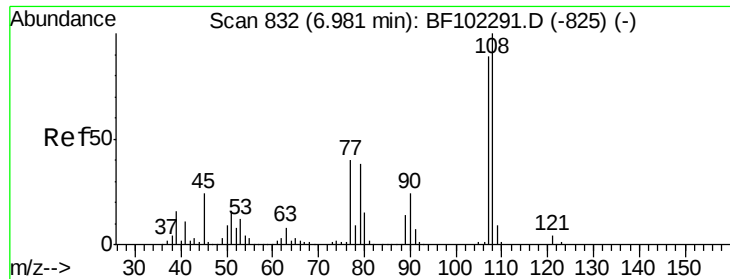
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.013 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion: 45 Resp: 788876
Ion Ratio Lower Upper
45 100
77 22.5 0.0 32.9
79 19.5 0.0 29.6





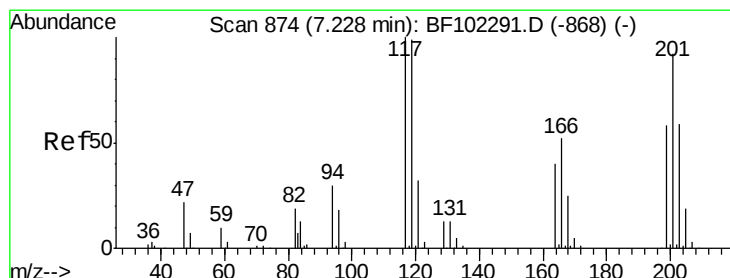
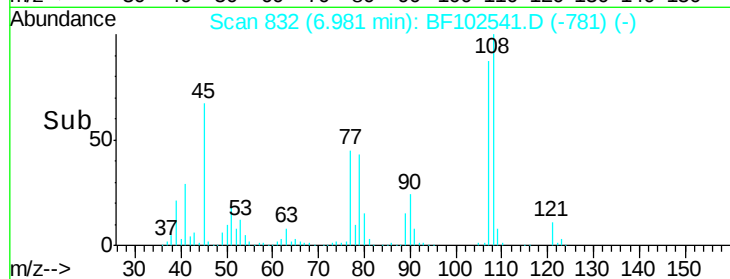
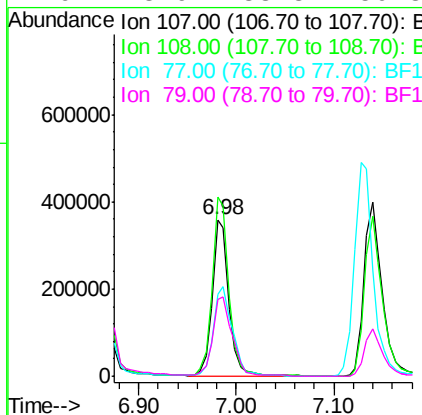
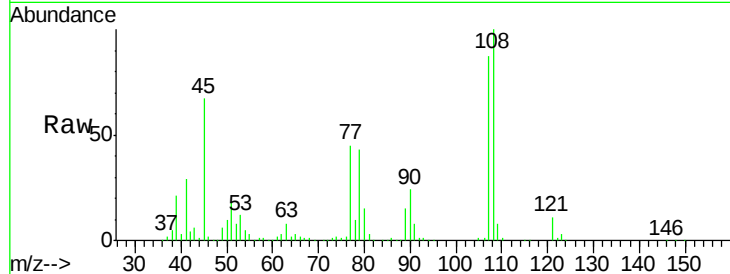
#17
2-Methylphenol
Concen: 36.143 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	417715		
108	114.8	91.7	137.5	
77	52.2	33.8	50.8	
79	48.9	33.8	50.8	

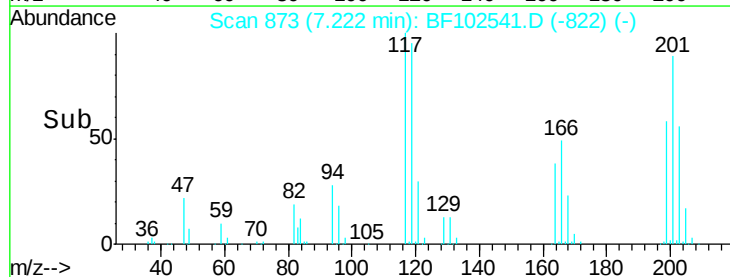
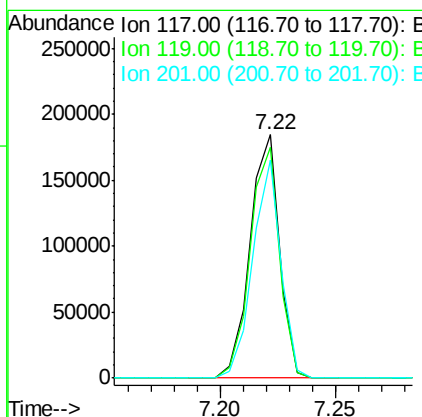
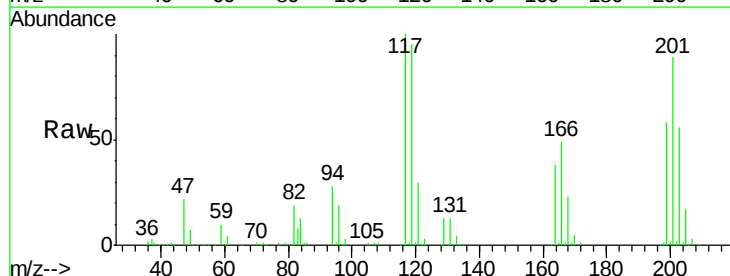
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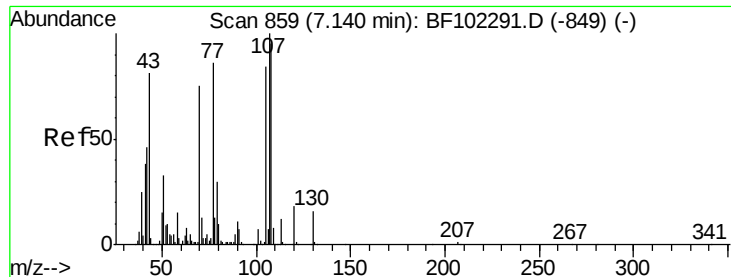
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#18
Hexachloroethane
Concen: 29.852 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	164918		
119	94.8	75.8	113.8	
201	89.3	75.7	113.5	





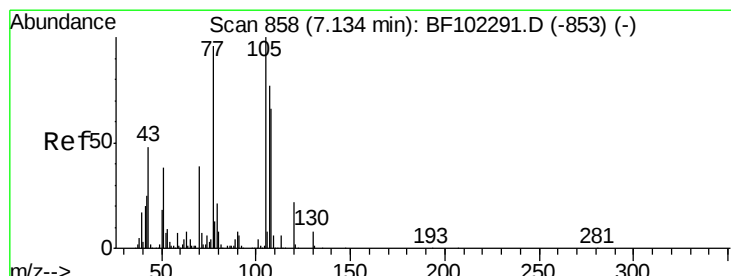
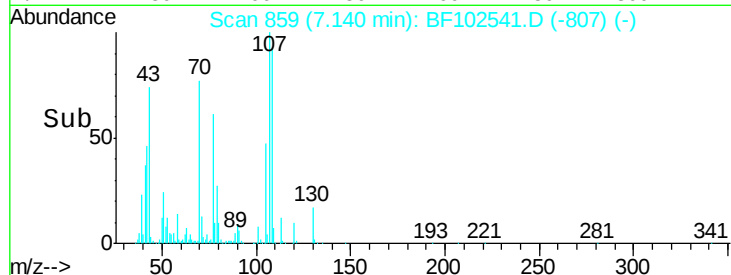
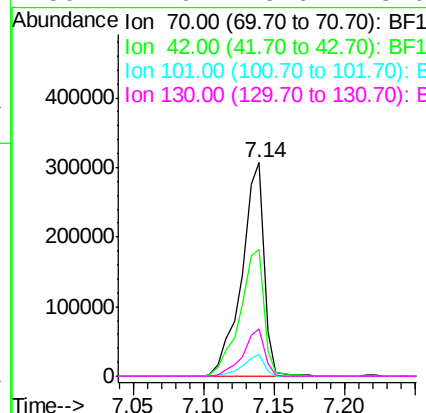
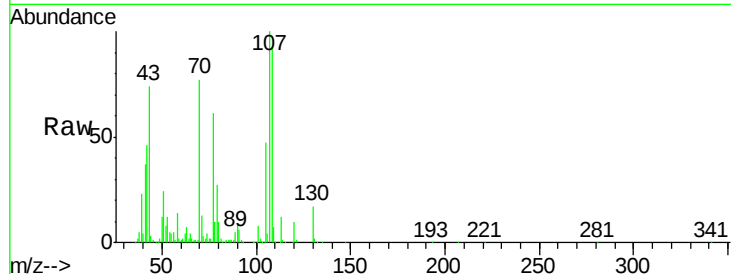
#19
n-Nitroso-di-n-propylamine
Concen: 36.277 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.5	71.3
101	9.9	7.4	11.2
130	21.9	16.6	25.0

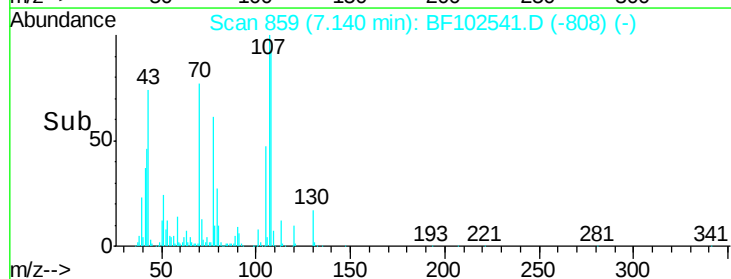
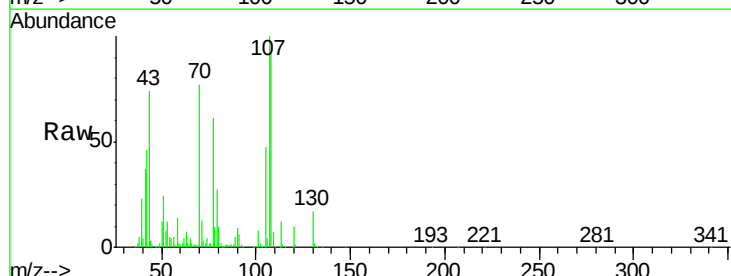
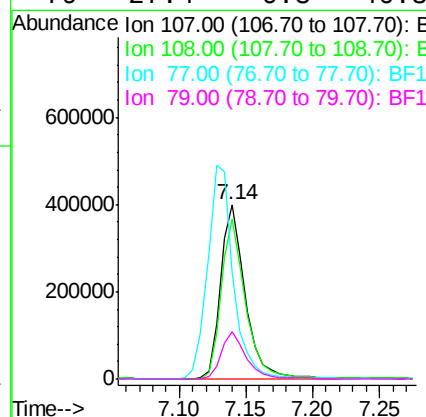
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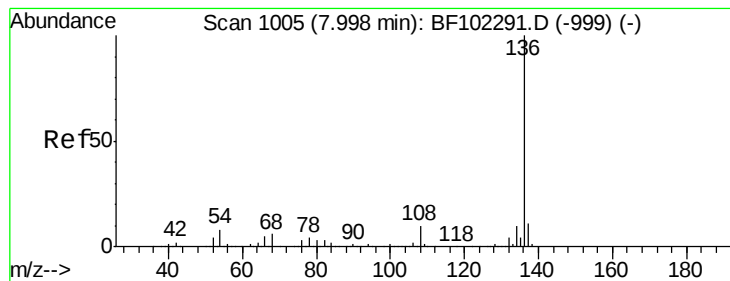
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#20
3+4-Methylphenols
Concen: 38.263 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.2	108.2
77	61.2	26.7	66.7
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampled :

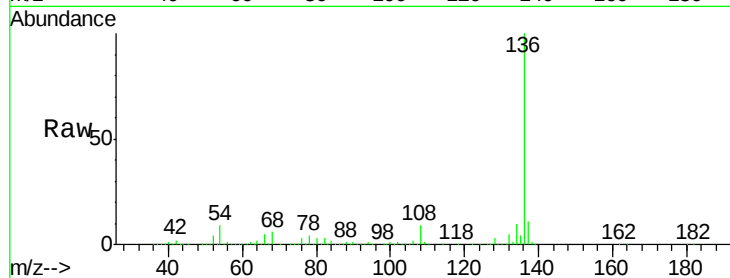
PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	761571		
137	10.9	8.9	13.3	
54	8.5	6.6	9.8	
68	6.1	5.0	7.4	

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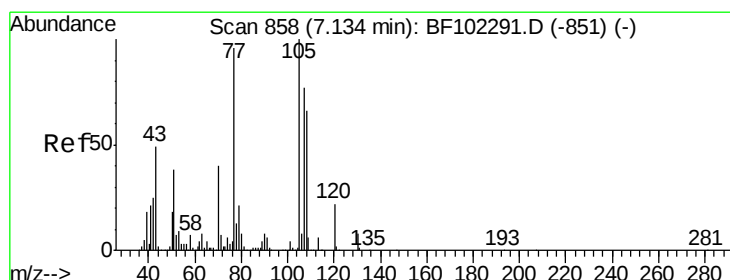
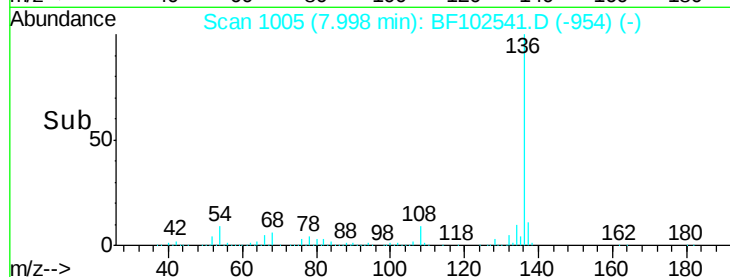
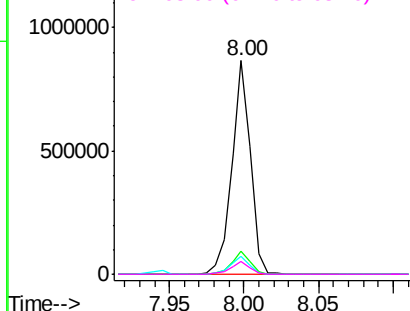


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.344 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

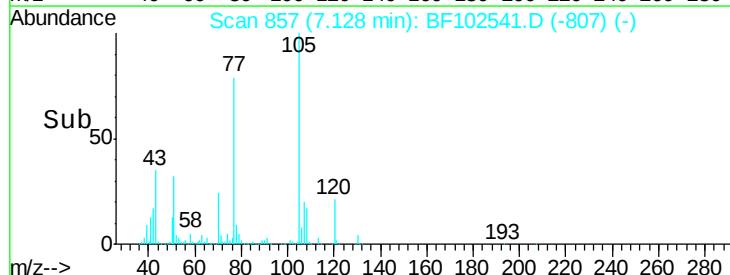
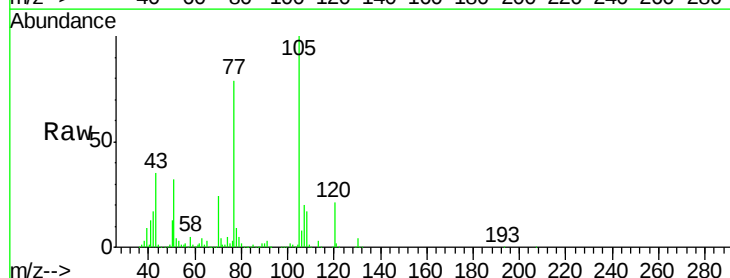
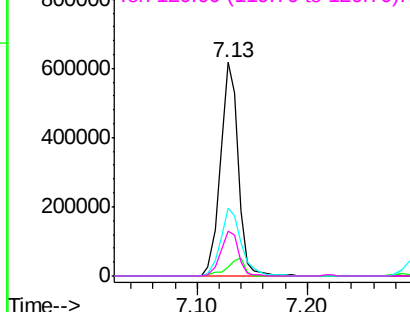
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	696115		
71	4.3	4.4	6.6#	
51	31.6	22.3	33.5	
120	20.8	16.9	25.3	

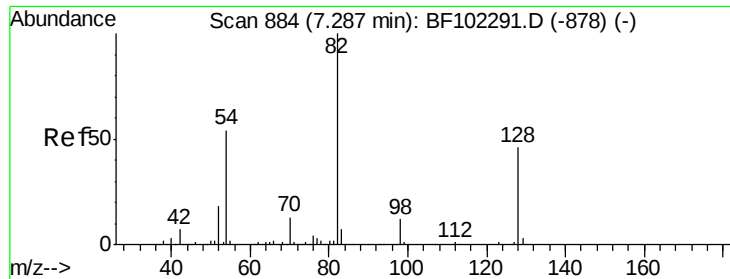
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





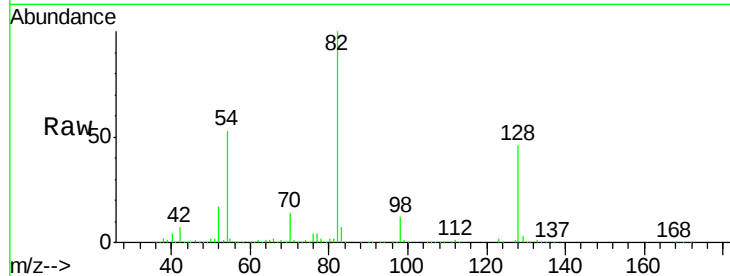
#23
 Nitrobenzene-d5
 Concen: 77.367 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

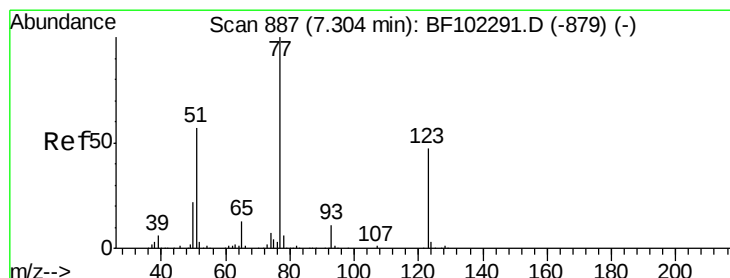
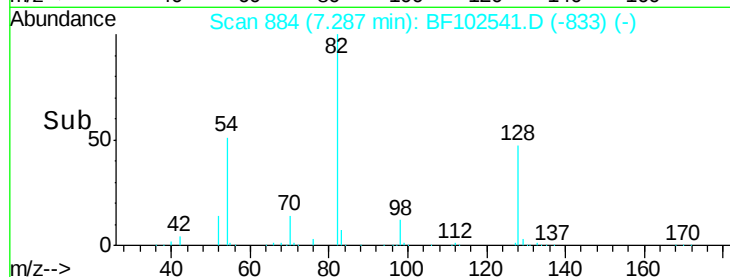
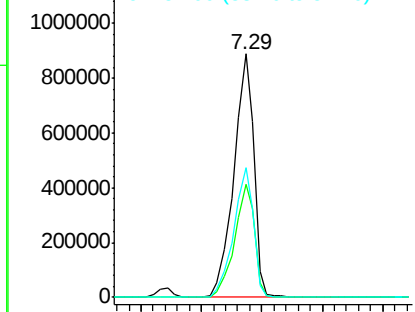
Tgt Ion: 82 Resp: 1025295
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 53.2 41.4 62.2

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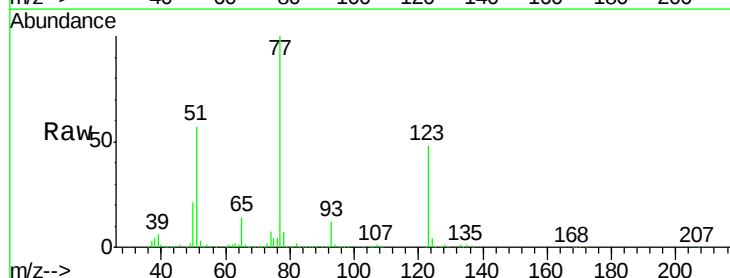


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1200000
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

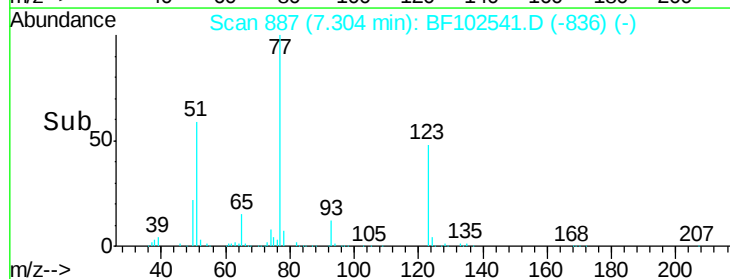
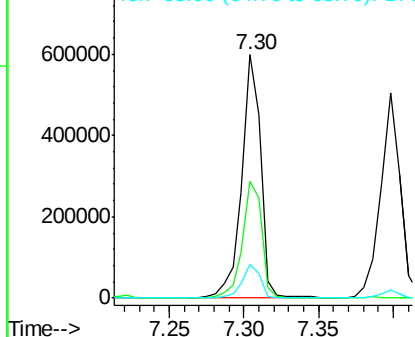


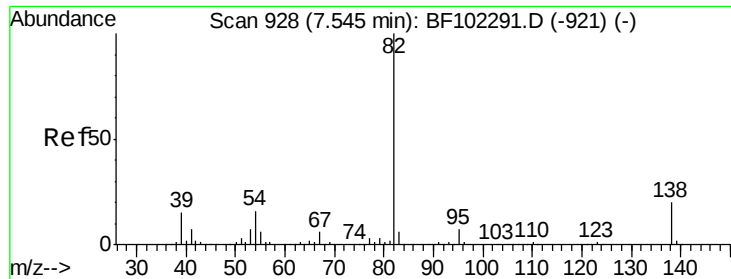
#24
 Nitrobenzene
 Concen: 38.680 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion: 77 Resp: 524580
 Ion Ratio Lower Upper
 77 100
 123 47.8 37.9 56.9
 65 14.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 800000
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.259 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion: 82 Resp: 974776
Ion Ratio Lower Upper

82 100

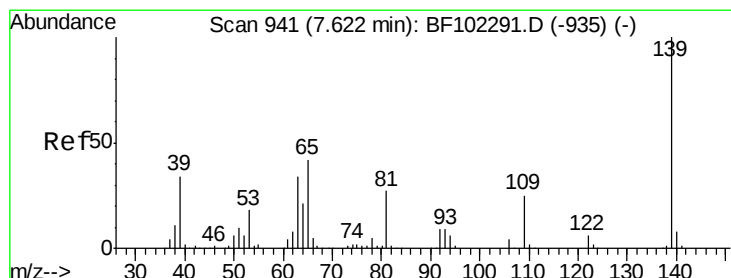
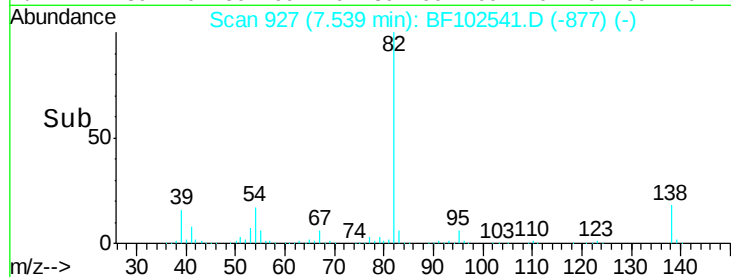
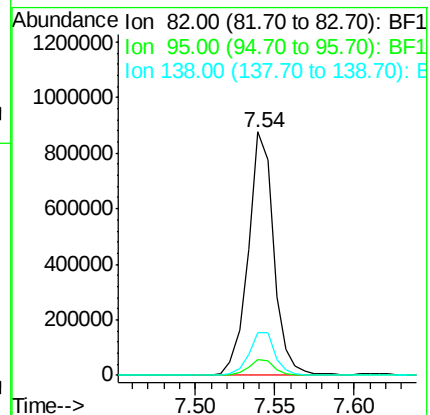
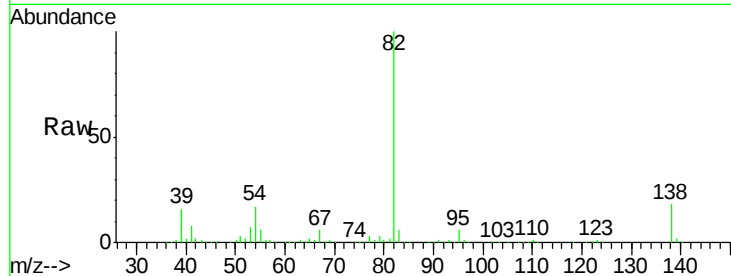
95 6.3 5.2 7.8

138 17.8 14.9 22.3

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#26

2-Nitrophenol

Concen: 35.122 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102541.D

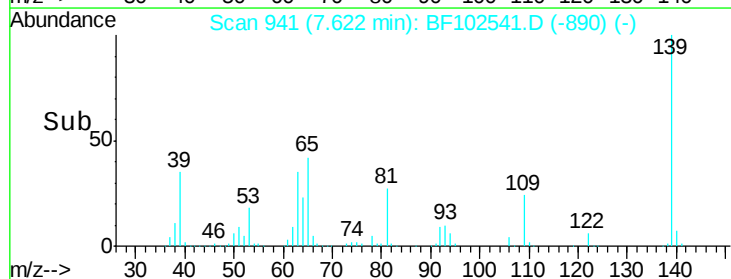
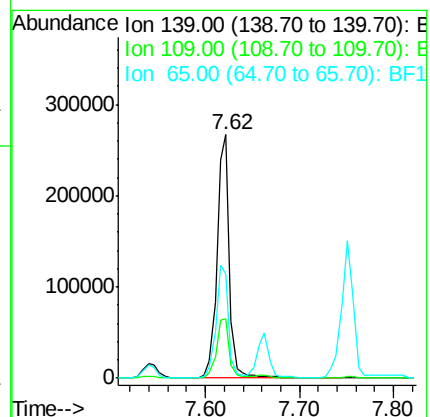
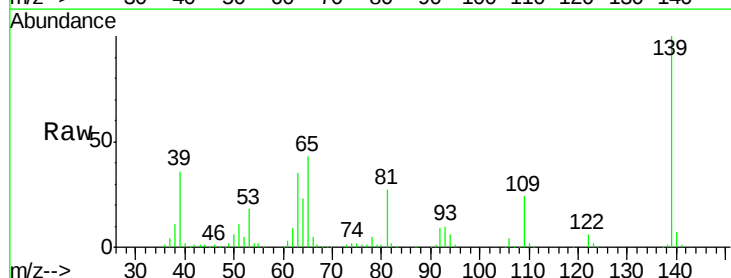
Acq: 28 Jan 2018 6:08

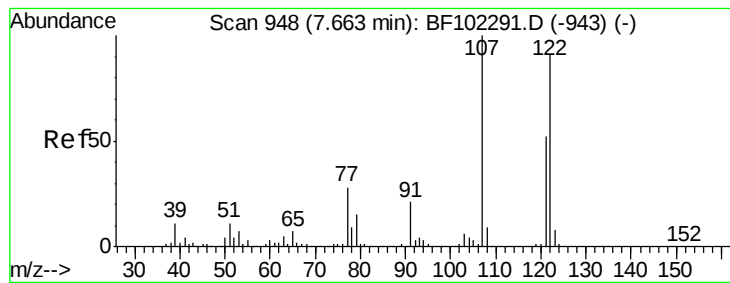
Tgt Ion: 139 Resp: 250699
Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

65 42.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.407 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

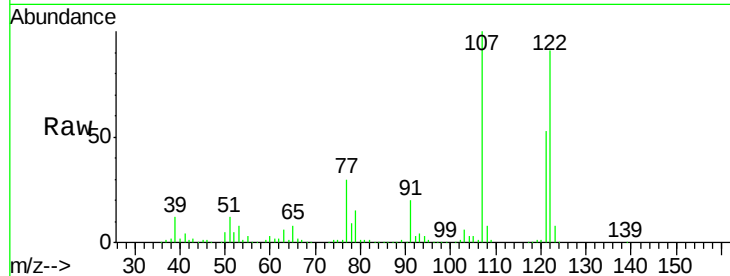
PB106115BS

Tgt Ion:	122	Resp:	460256
Ion Ratio	Lower	Upper	
122	100		
107	109.8	91.2	136.8
121	57.8	47.2	70.8

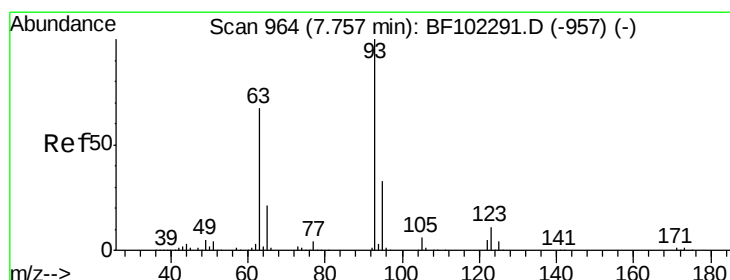
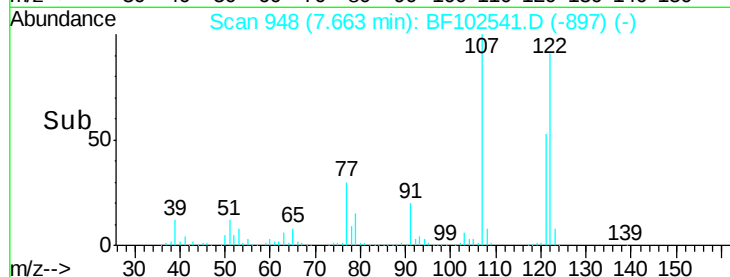
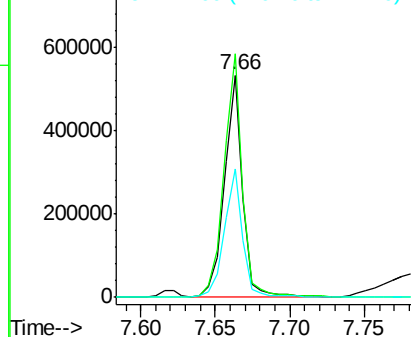
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.919 ng

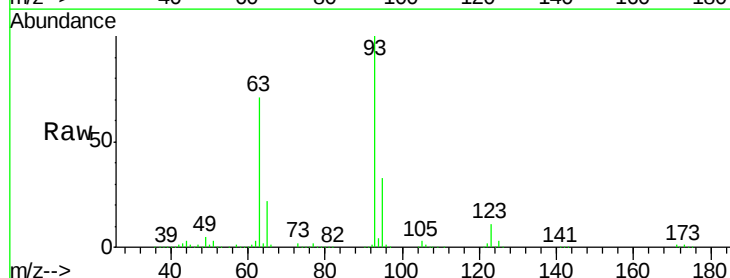
RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

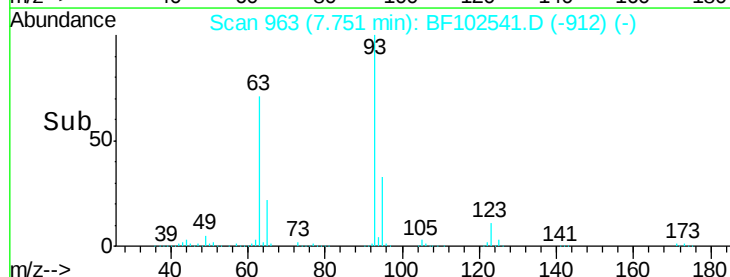
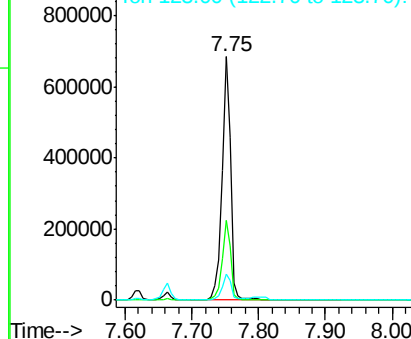
Lab File: BF102541.D

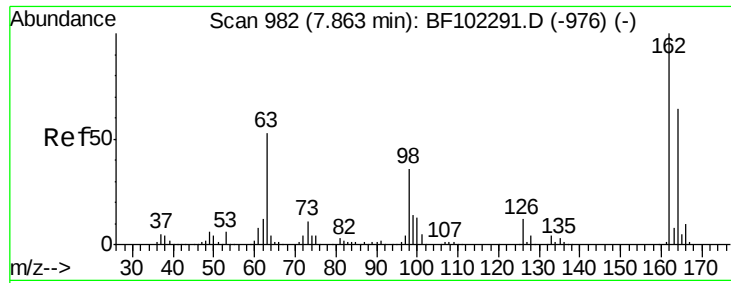
Acq: 28 Jan 2018 6:08

Tgt Ion:	93	Resp:	626378
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	10.9	9.8	14.6



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





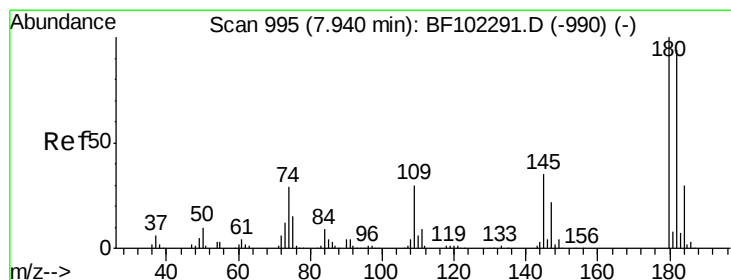
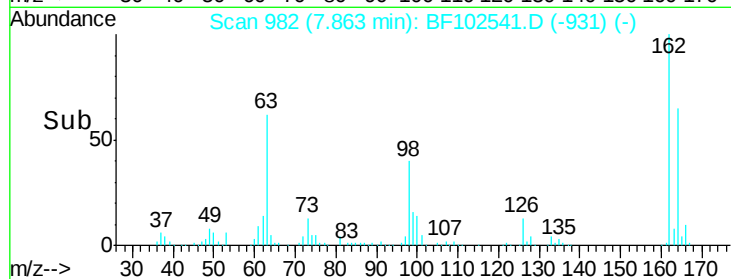
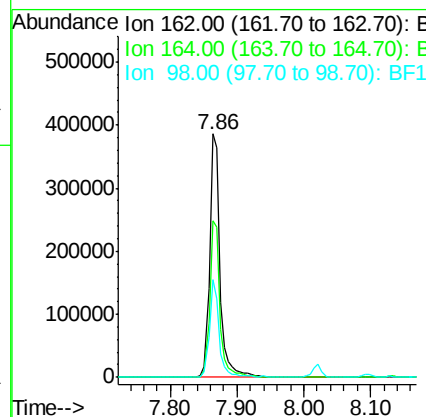
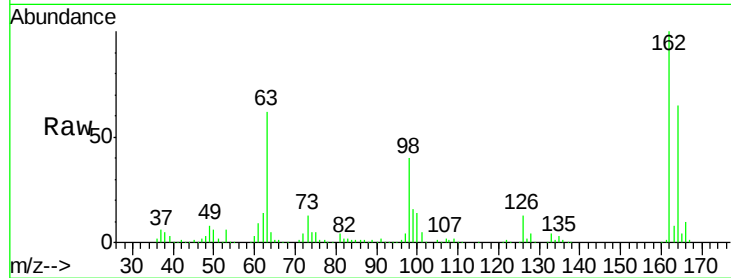
#29
 2,4-Dichlorophenol
 Concen: 39.244 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	414319		
164	64.6	42.7	82.7	
98	40.0	18.1	58.1	

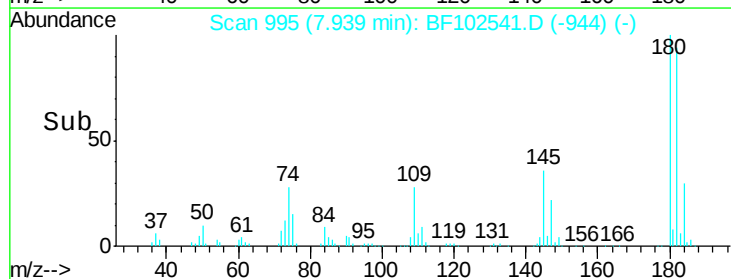
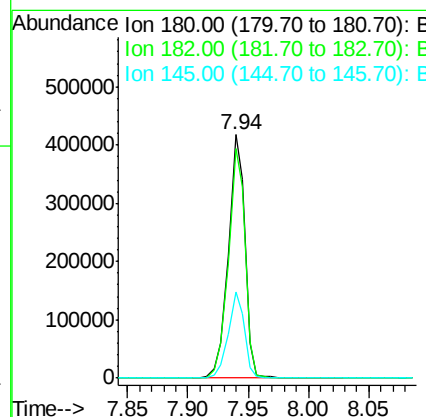
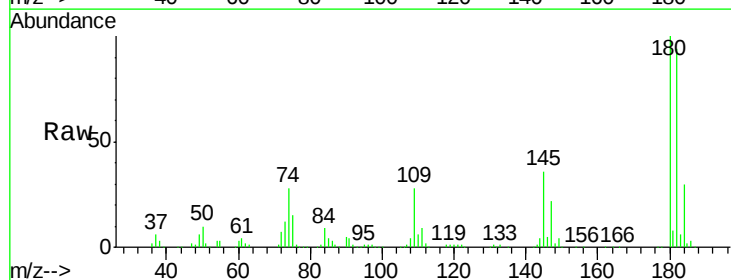
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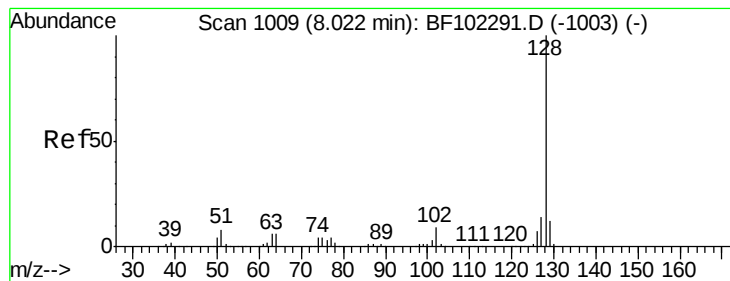
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.055 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396730		
182	94.0	76.8	115.2	
145	35.6	26.5	39.7	





#31

Naphthalene

Concen: 36.554 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion:128 Resp: 1389921

Ion Ratio Lower Upper

128 100

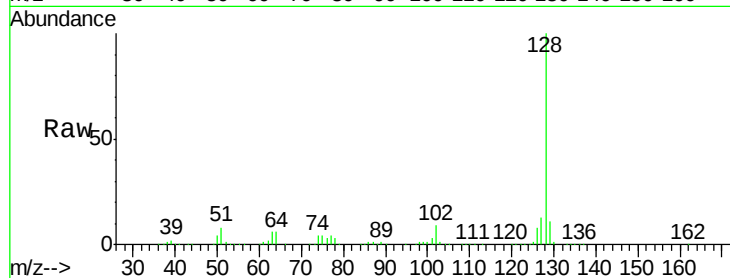
129 11.1 8.8 13.2

127 13.5 10.9 16.3

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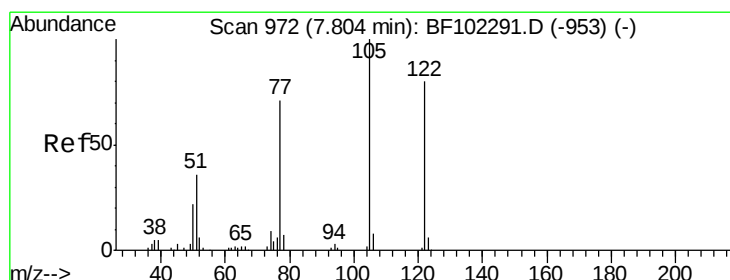
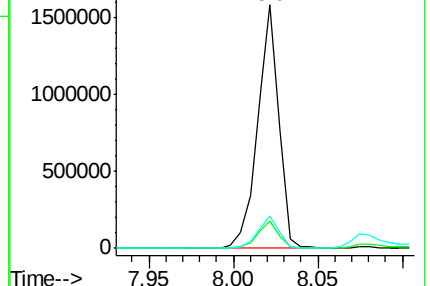
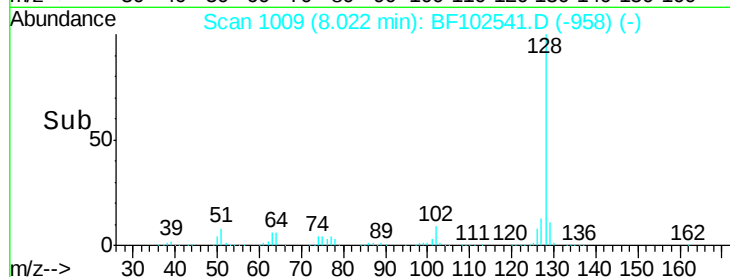
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.829 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

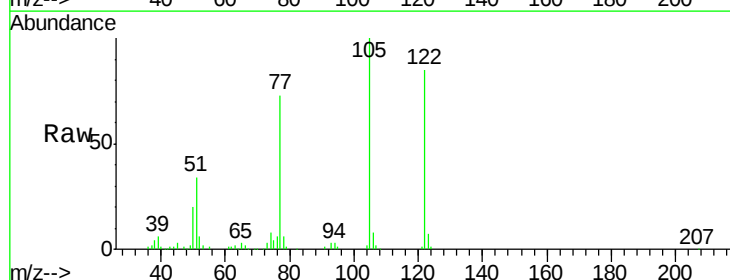
Tgt Ion:122 Resp: 241654

Ion Ratio Lower Upper

122 100

105 117.1 101.1 141.1

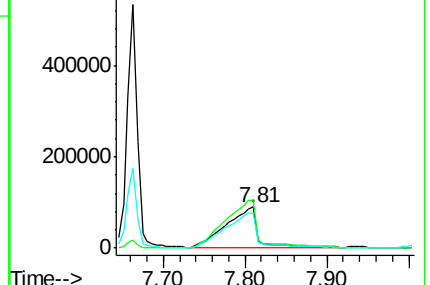
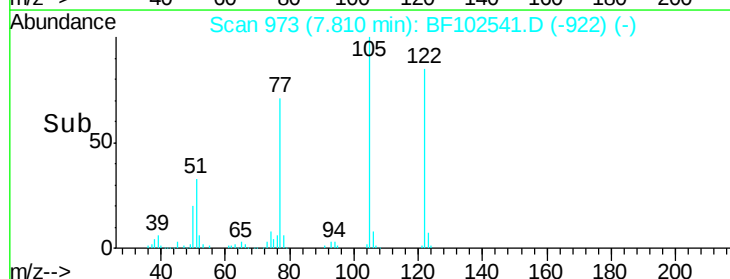
77 85.0 70.7 110.7

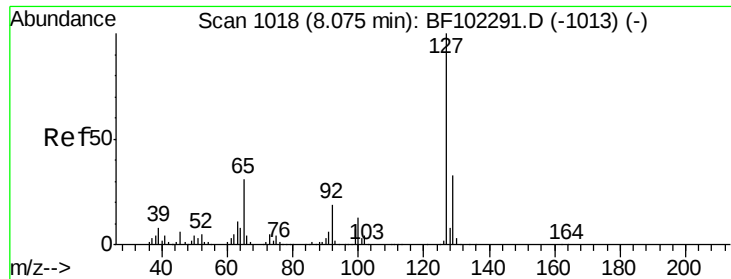


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





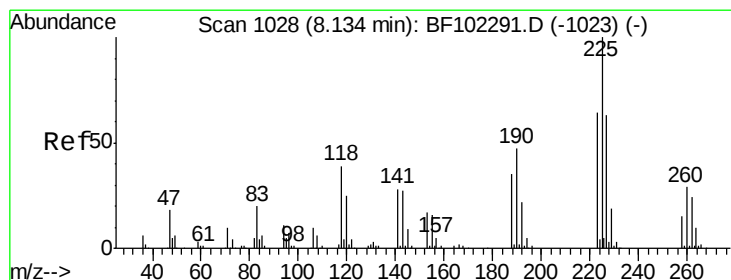
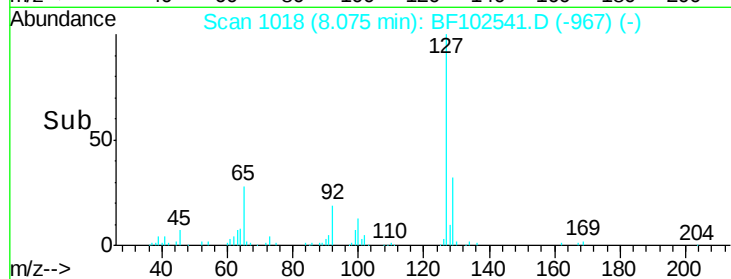
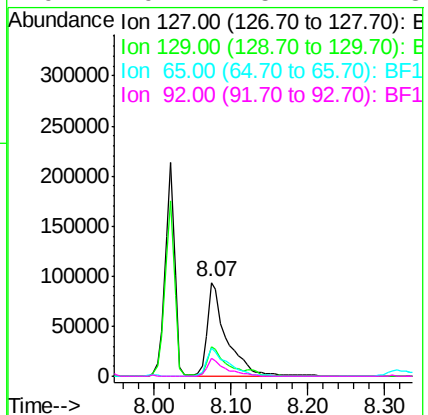
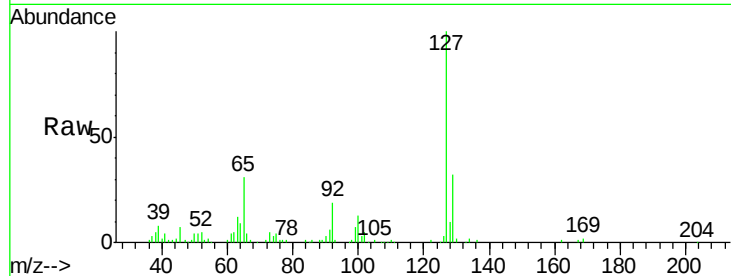
#33
4-Chloroaniline
Concen: 10.060 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	30.6	25.0	37.4	
92	19.1	15.2	22.8	

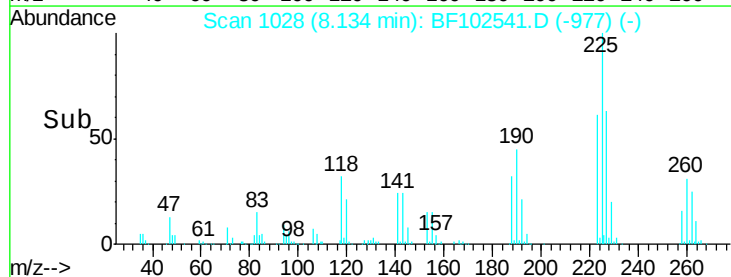
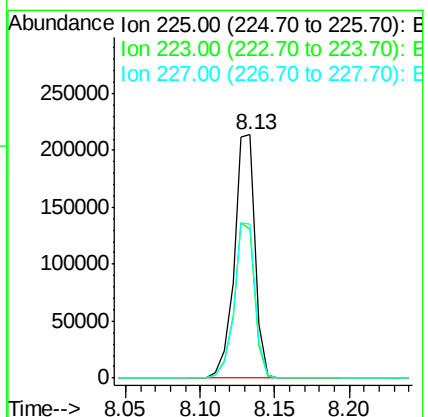
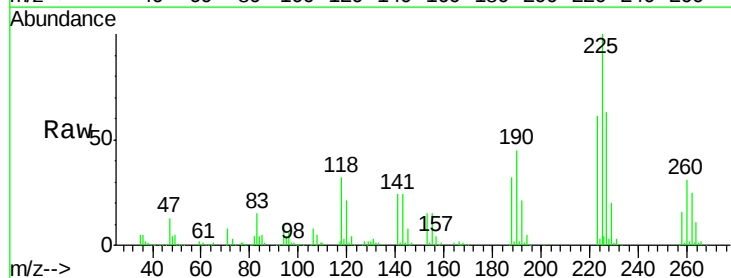
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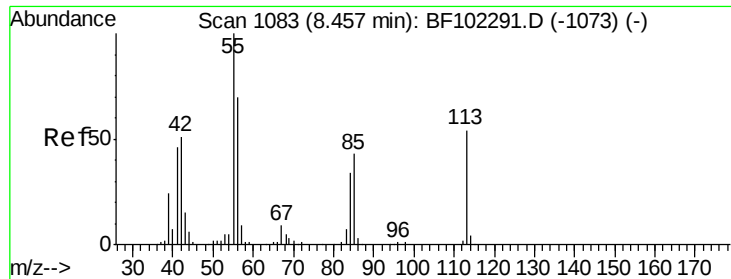
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#34
Hexachlorobutadiene
Concen: 34.485 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	50.6	76.0	
227	63.0	51.9	77.9	





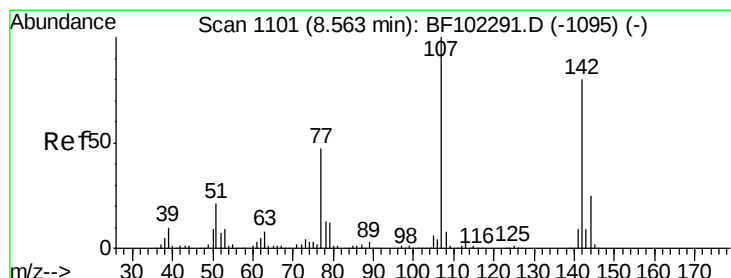
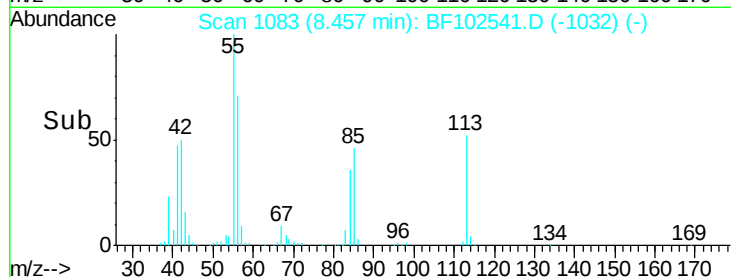
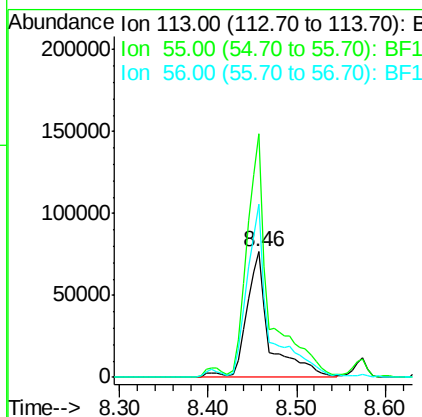
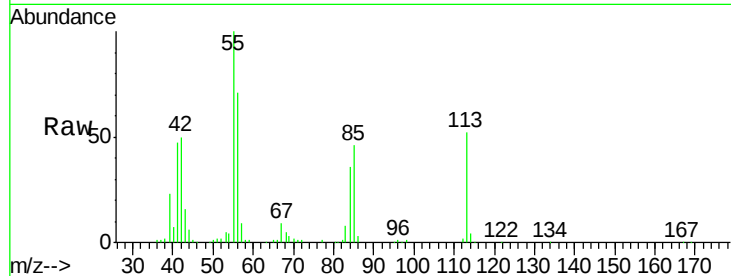
#35
 Caprolactam
 Concen: 40.536 ng m
 RT: 8.46 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampled :
 PB106115BS

Tgt Ion:113 Resp: 141339
 Ion Ratio Lower Upper
 113 100
 55 193.5 163.3 203.3
 56 137.4 115.7 155.7

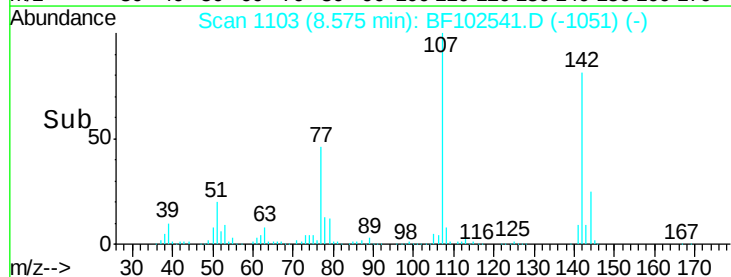
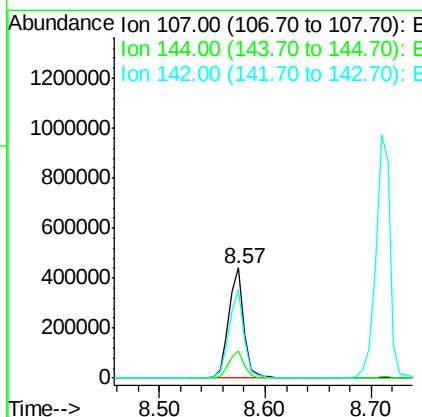
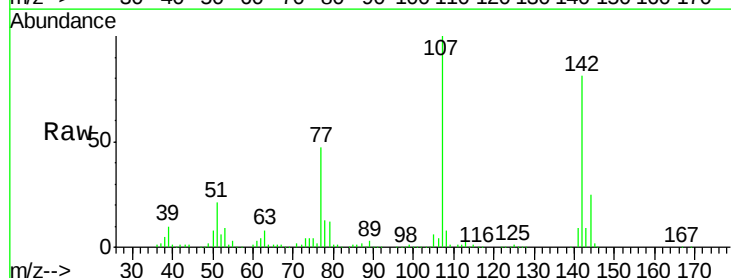
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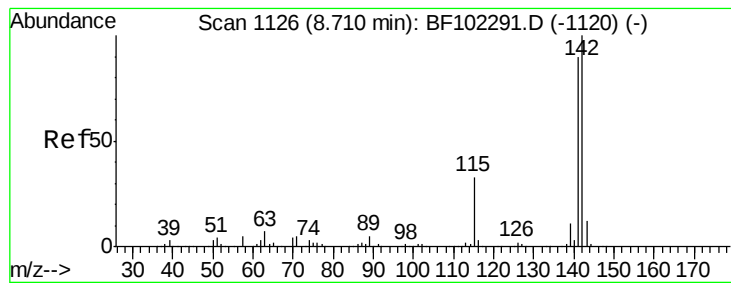
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#36
 4-Chloro-3-methylphenol
 Concen: 39.073 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:107 Resp: 434821
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 80.5 62.0 93.0





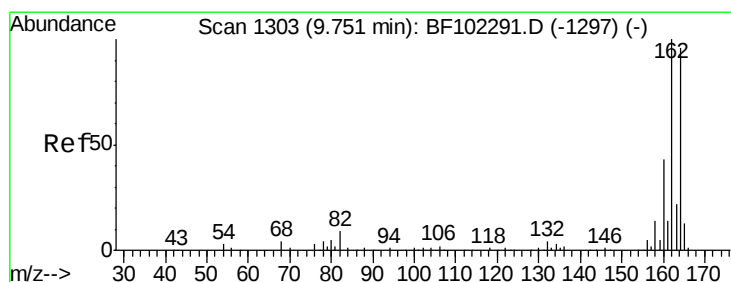
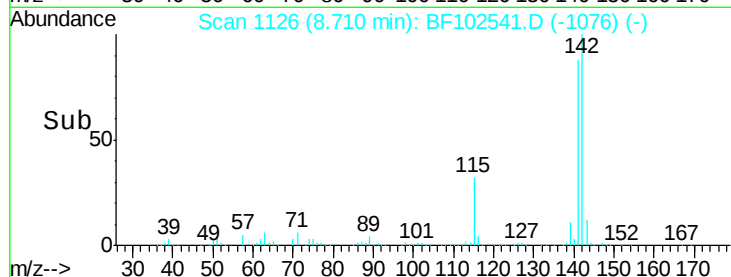
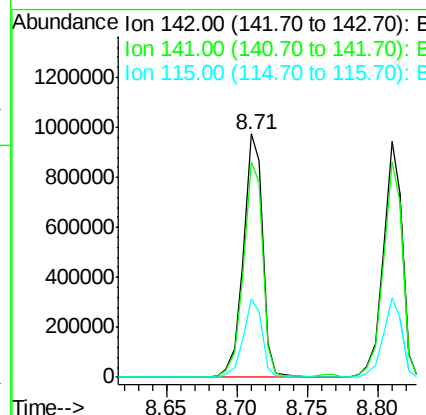
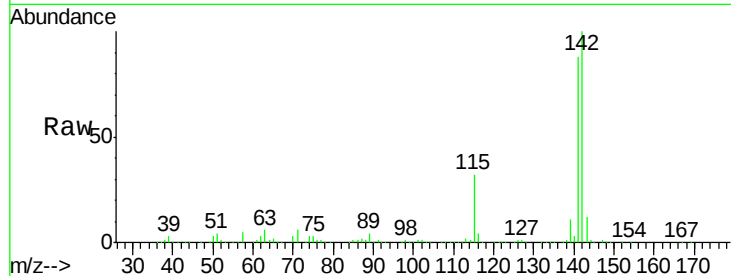
#37
2-Methylnaphthalene
Concen: 36.387 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	32.4	26.1	39.1

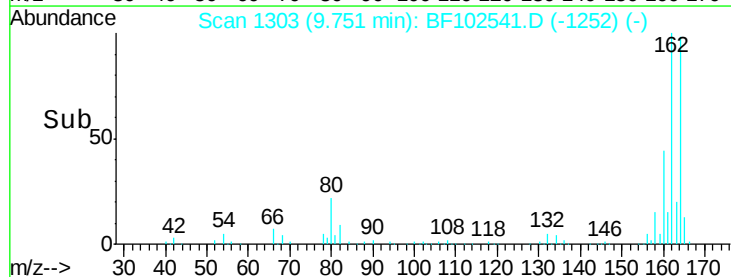
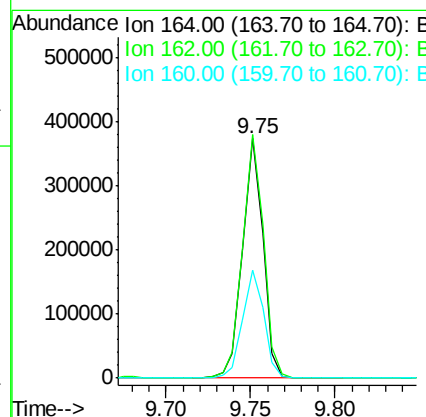
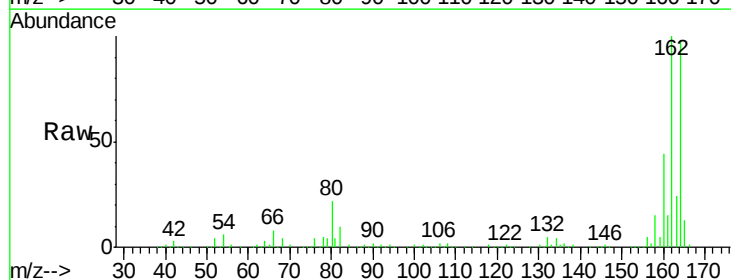
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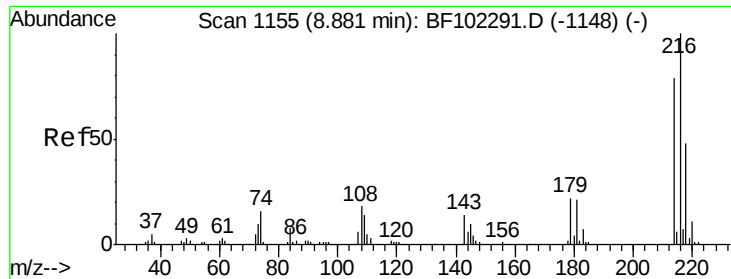
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.0	38.3	57.5





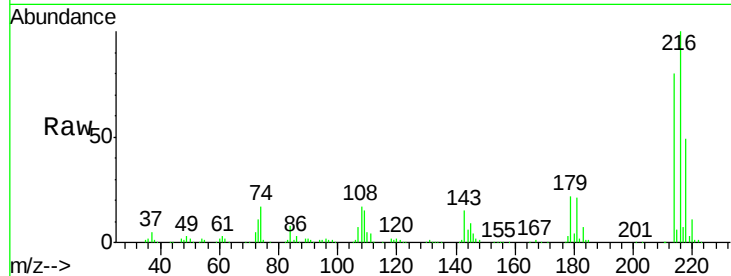
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.015 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

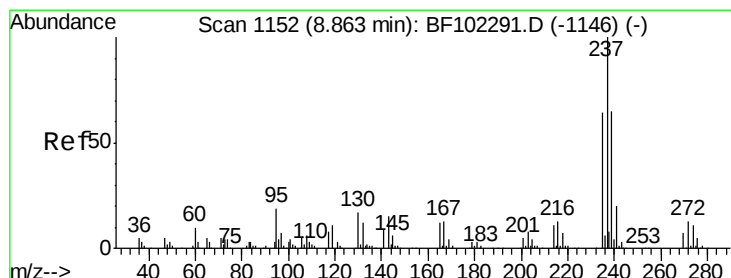
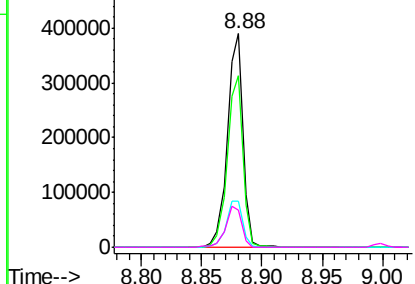
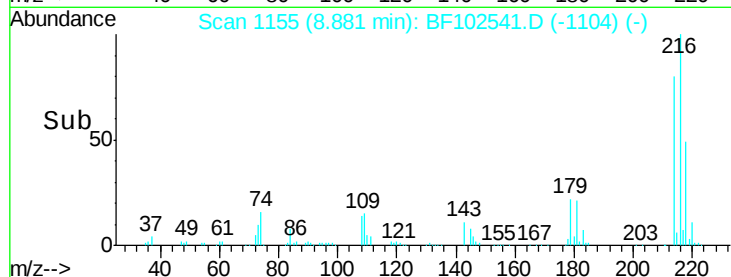
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	350476		
214	80.6	63.0	94.4	
179	22.9	18.1	27.1	
108	20.2	17.2	25.8	

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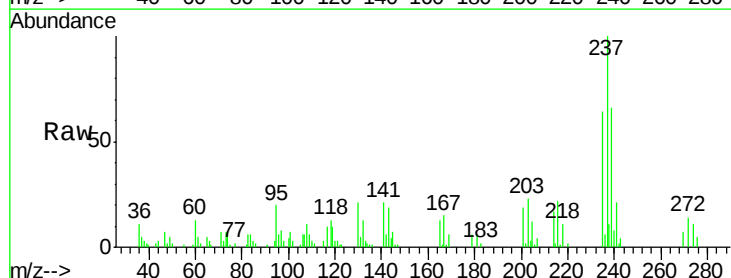


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

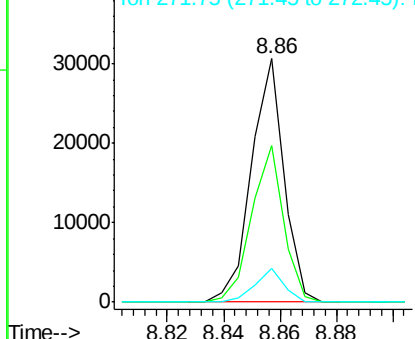
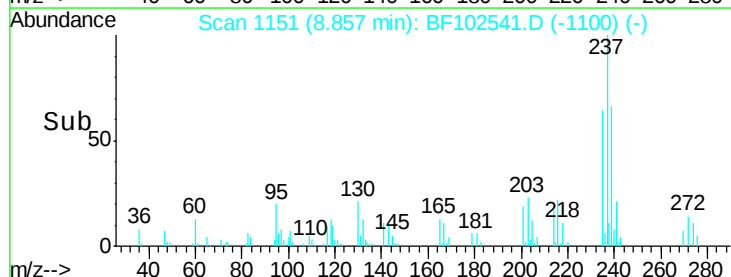


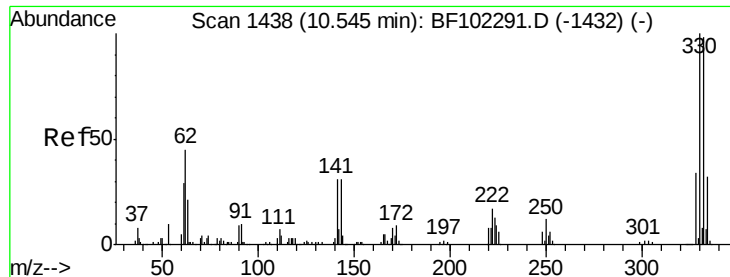
#40
 Hexachlorocyclopentadiene
 Concen: 5.796 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	24560		
235	64.3	44.8	84.8	
272	13.8	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





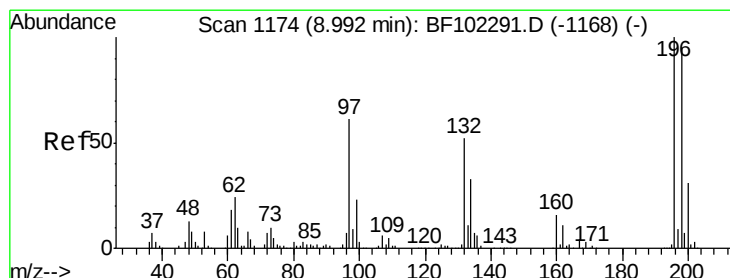
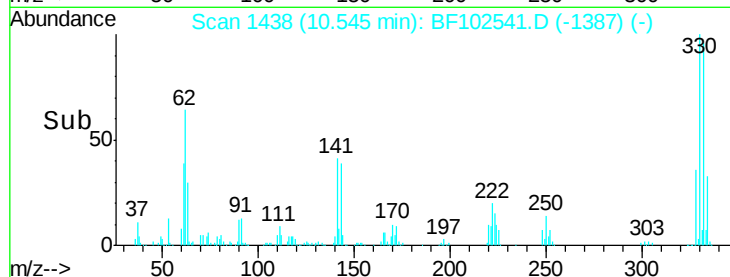
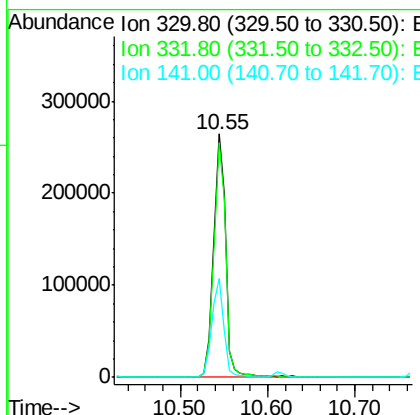
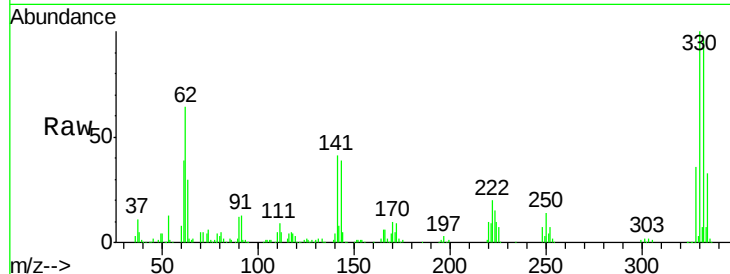
#41
 2,4,6-Tribromophenol
 Concen: 82.542 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	257399		
332	94.9	77.0	115.6	
141	40.1	29.9	44.9	

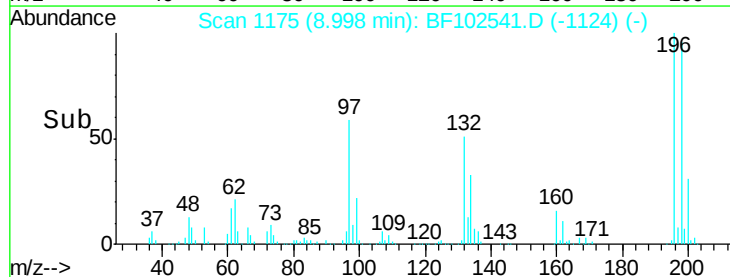
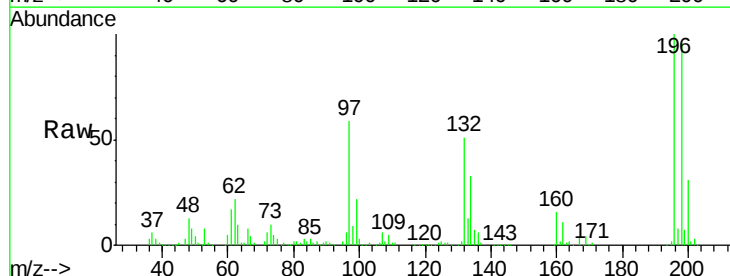
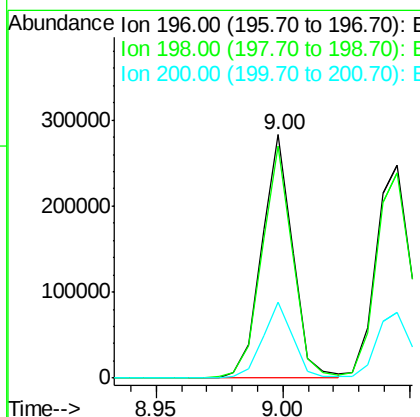
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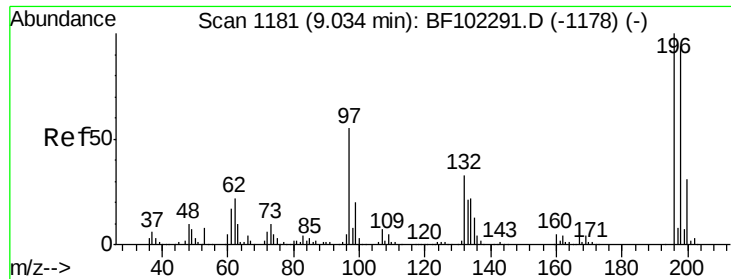
Sohil
 1/29/2018 5:45:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.014 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240953		
198	95.6	75.7	113.5	
200	31.0	24.5	36.7	





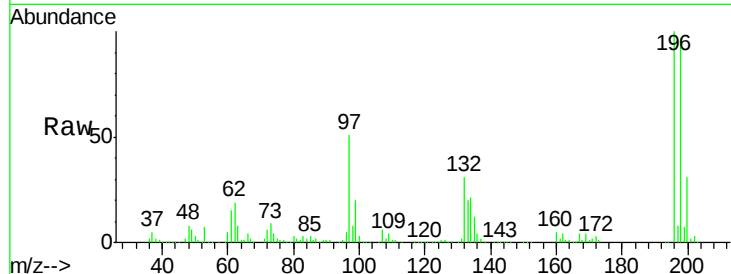
#43
 2,4,5-Trichlorophenol
 Concen: 36.048 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

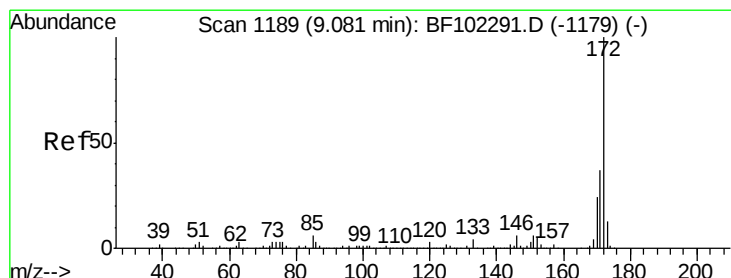
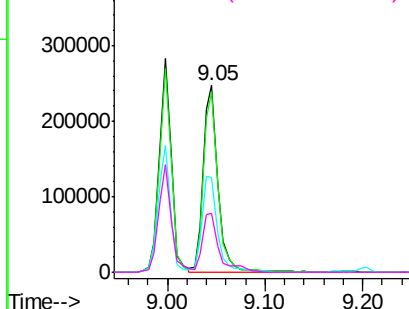
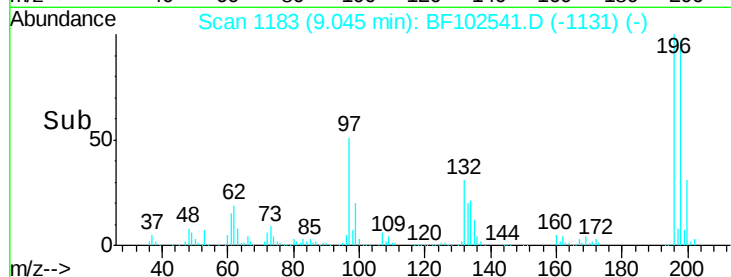
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257263		
198	96.9	74.6	112.0	
97	51.1	42.9	64.3	
132	31.5	26.3	39.5	

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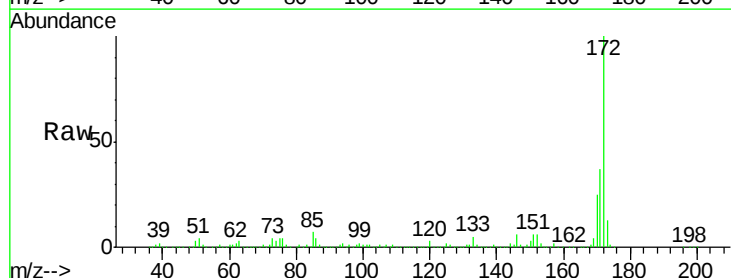


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

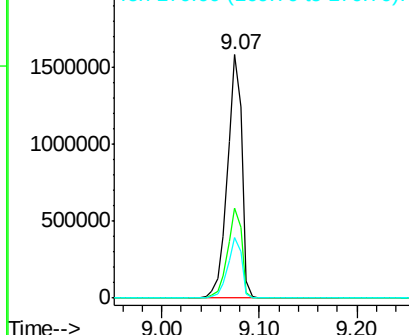
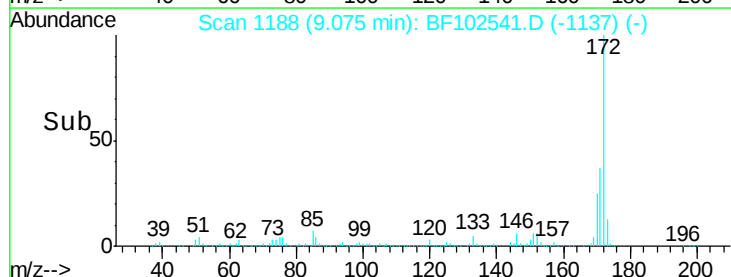


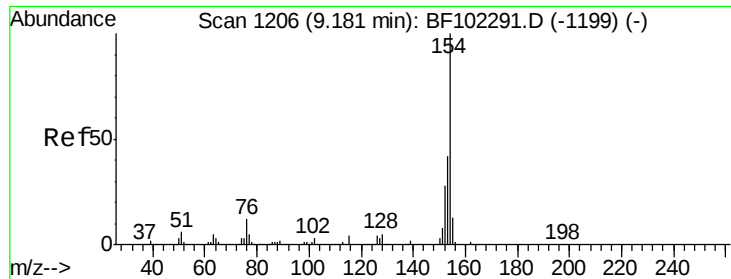
#44
 2-Fluorobiphenyl
 Concen: 75.605 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1618271		
171	36.9	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





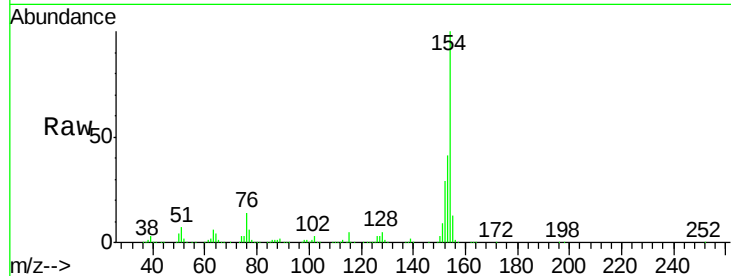
#45
 1,1'-Biphenyl
 Concen: 36.491 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.2	0.0	34.0

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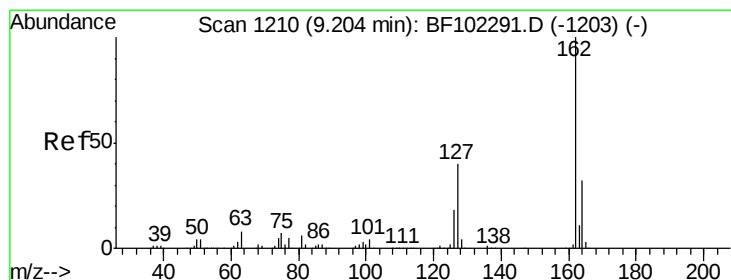
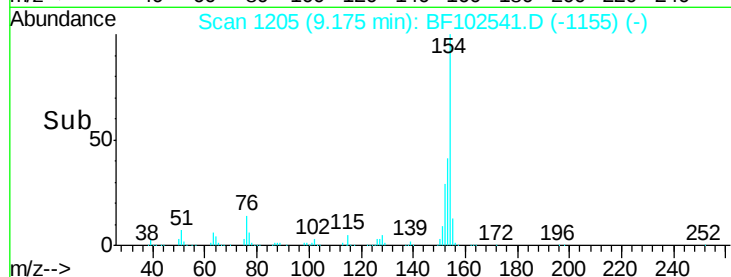
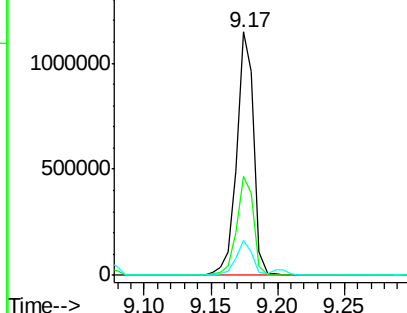


Abundance

Ion 154.00 (153.70 to 154.70): E

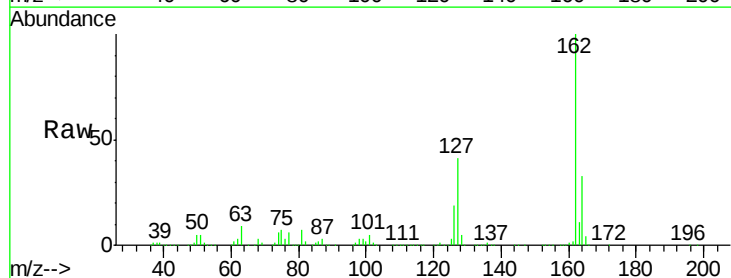
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 36.122 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	33.3	26.5	39.7

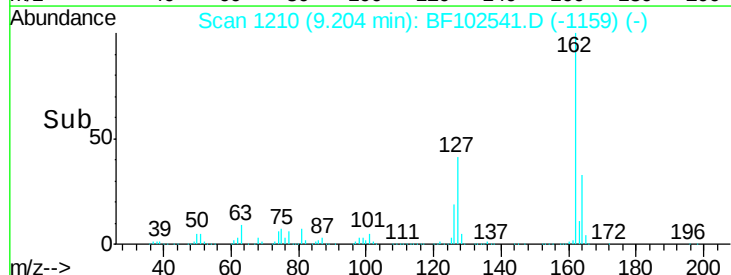
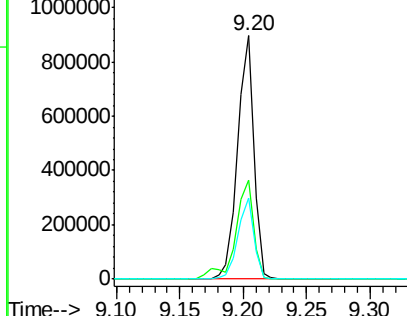


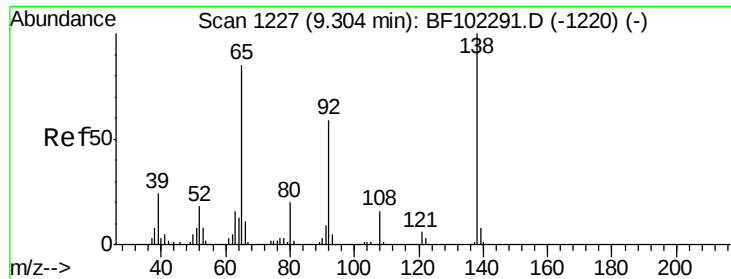
Abundance

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





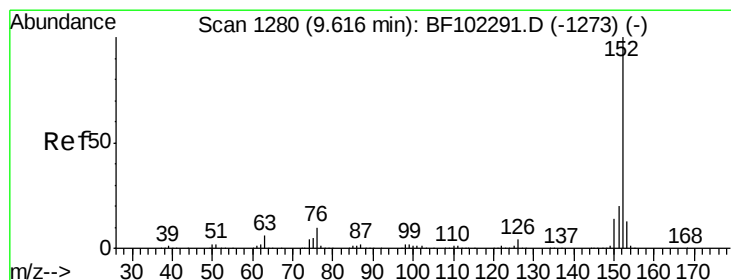
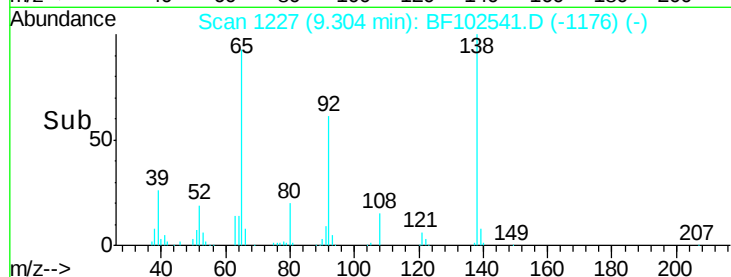
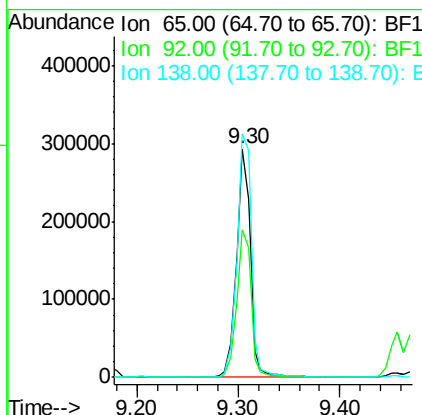
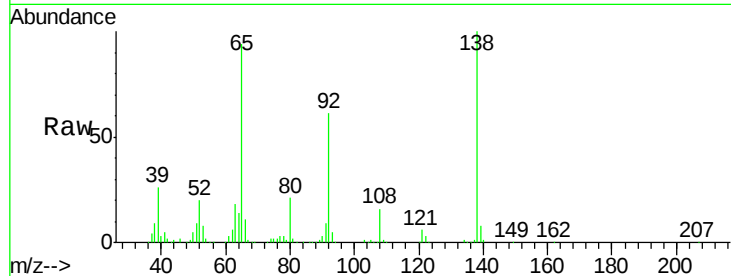
#47
2-Nitroaniline
Concen: 41.480 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	282868		
92	64.6	55.8	83.6	
138	106.5	91.2	136.8	

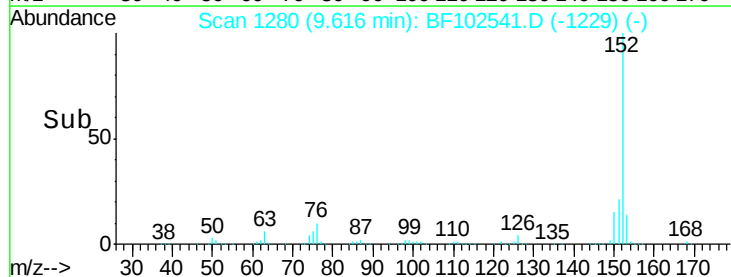
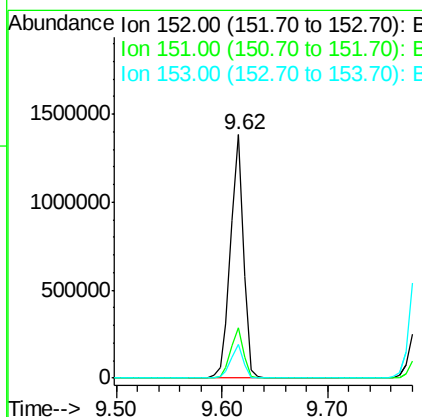
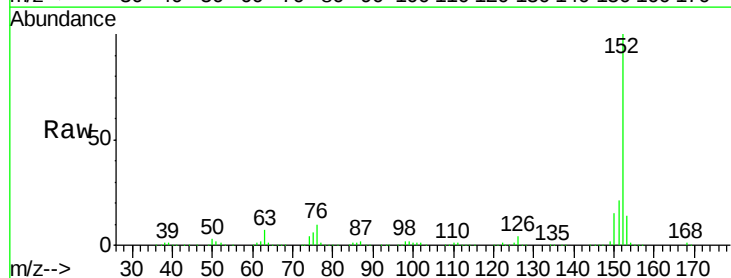
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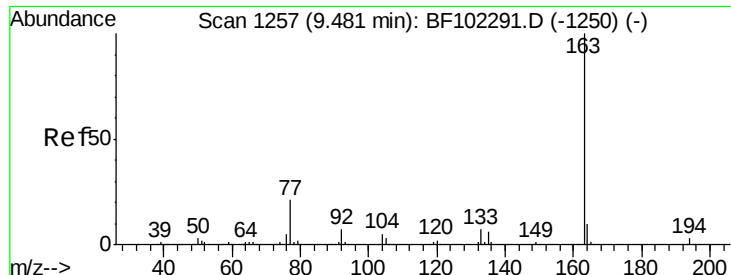
Sohil
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#48
Acenaphthylene
Concen: 34.467 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1174546		
151	20.8	16.3	24.5	
153	13.8	10.7	16.1	





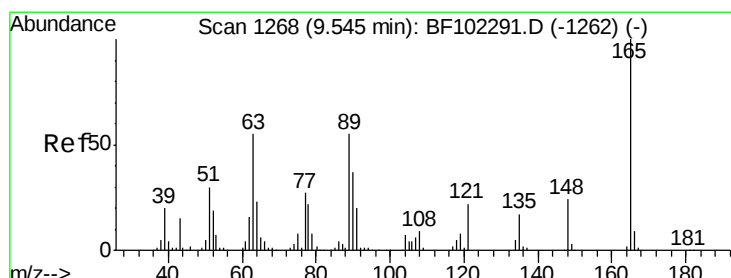
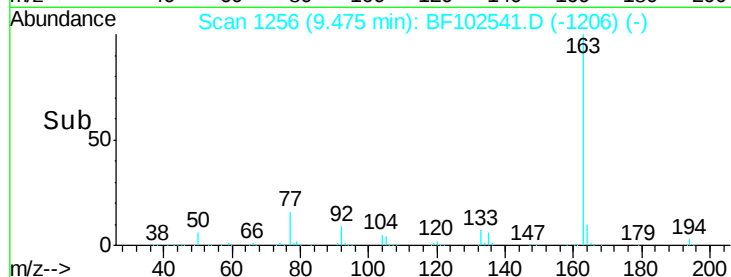
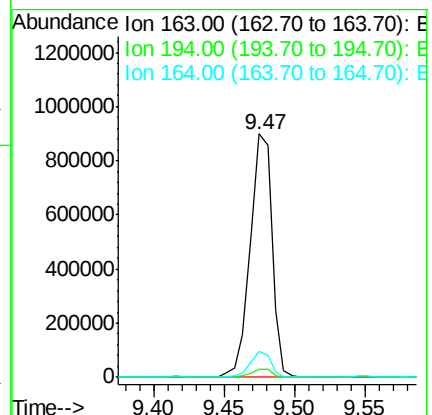
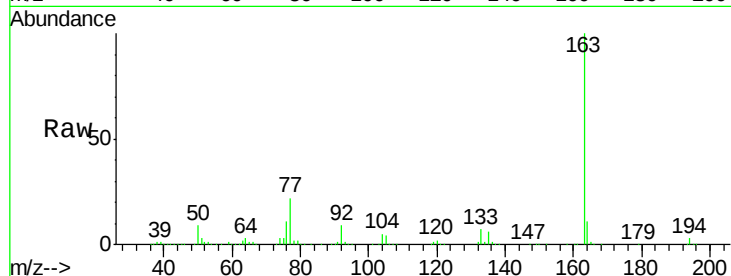
#49
Dimethylphthalate
Concen: 37.892 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.7	4.1
164	10.6	8.2	12.2

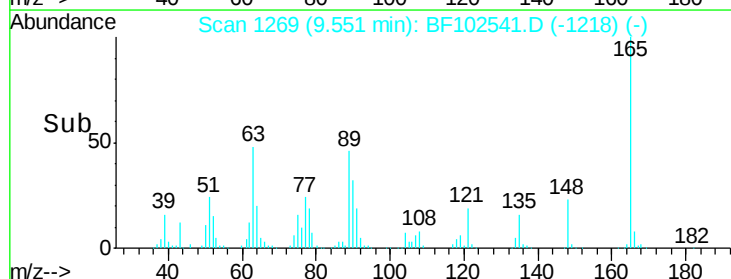
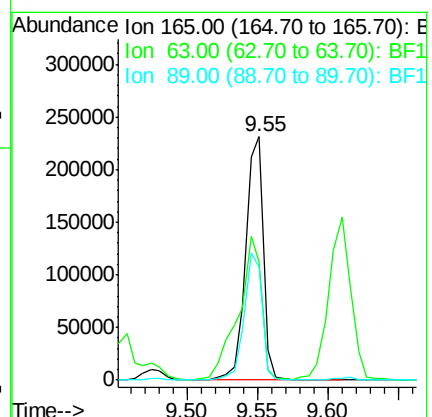
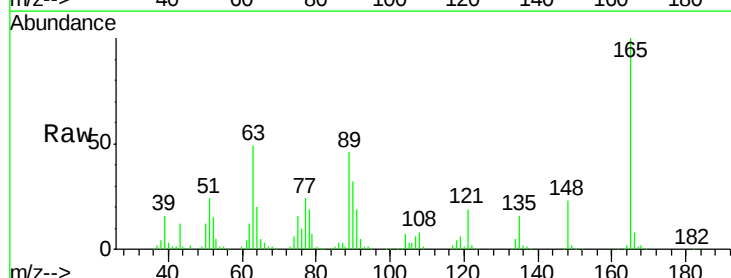
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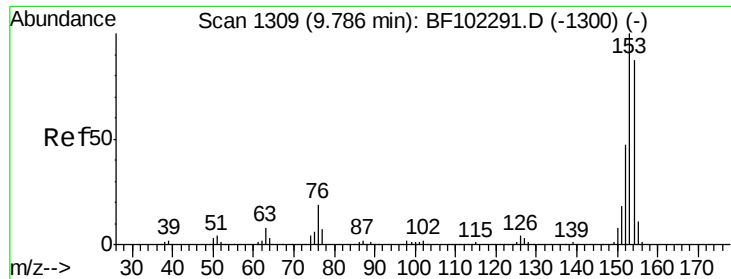
Sohil
1/29/2018 5:45:06 PM



#50
2,6-Dinitrotoluene
Concen: 35.880 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.5	44.7	67.1
89	46.5	44.0	66.0





#51

Acenaphthene

Concen: 34.530 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

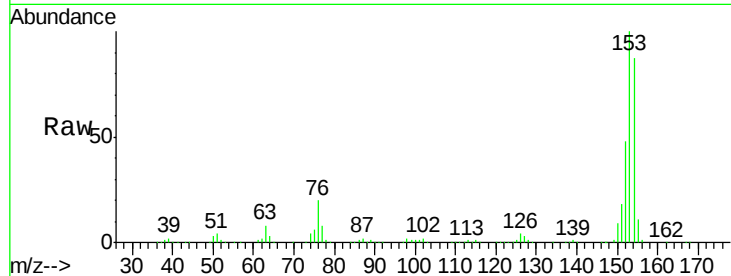
PB106115BS

Tgt Ion:	154	Resp:	687219
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	55.5	43.8	65.8

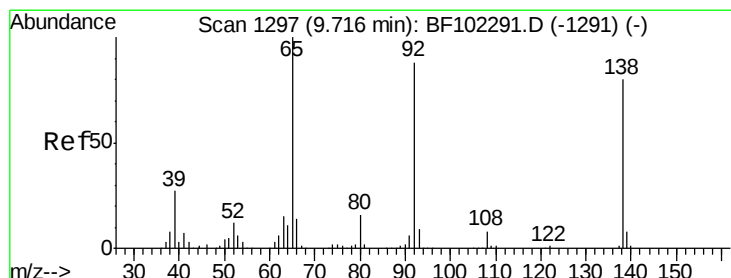
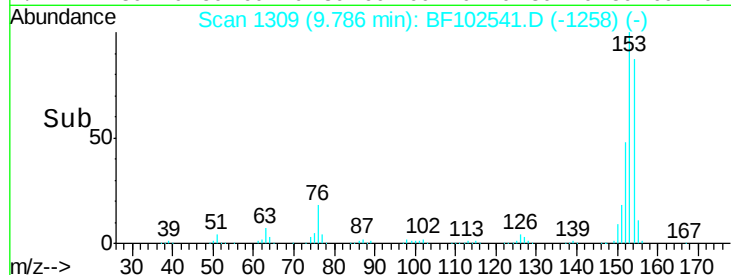
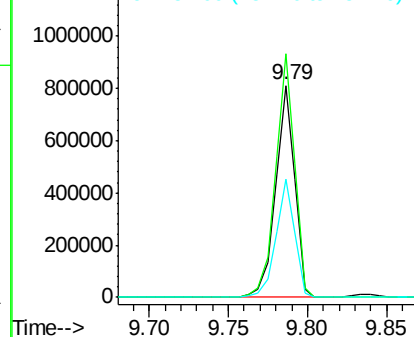
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.370 ng

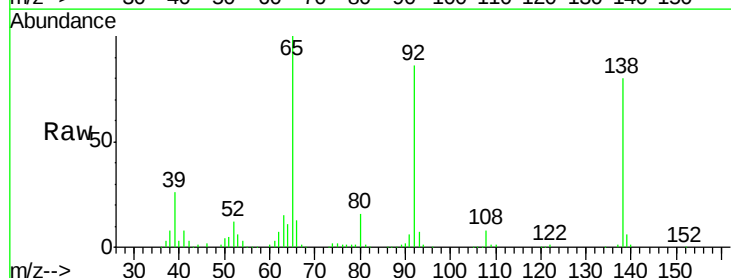
RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

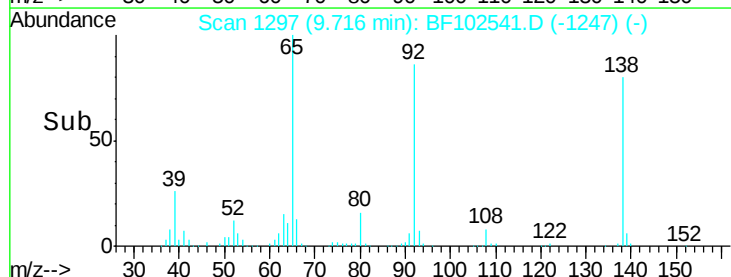
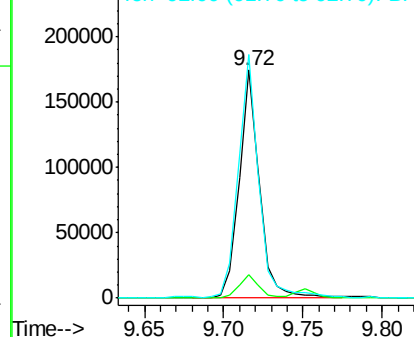
Lab File: BF102541.D

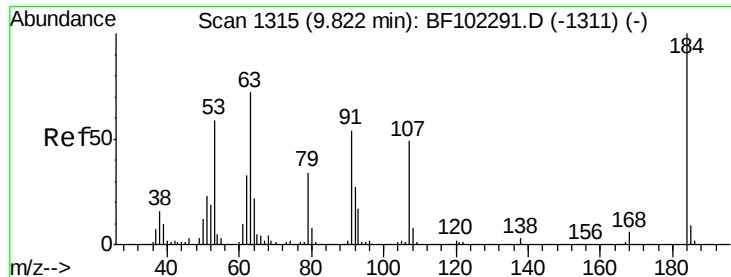
Acq: 28 Jan 2018 6:08

Tgt Ion:	138	Resp:	155056
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	106.9	89.4	134.2



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





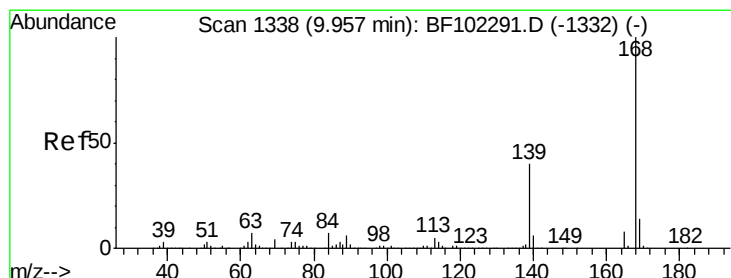
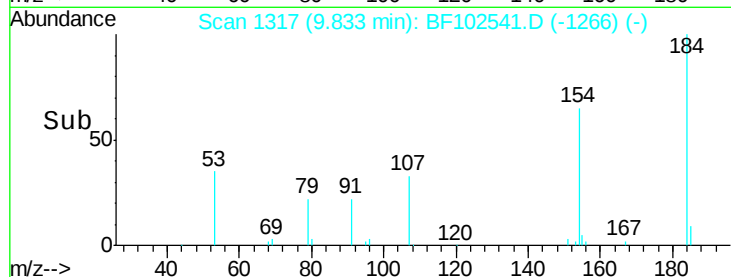
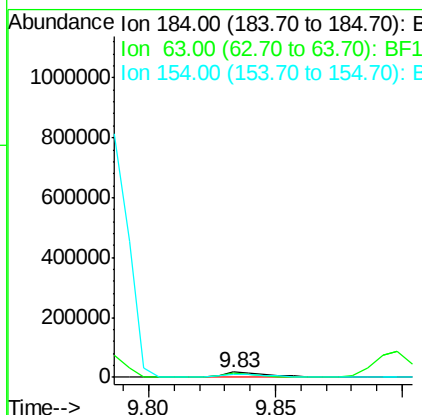
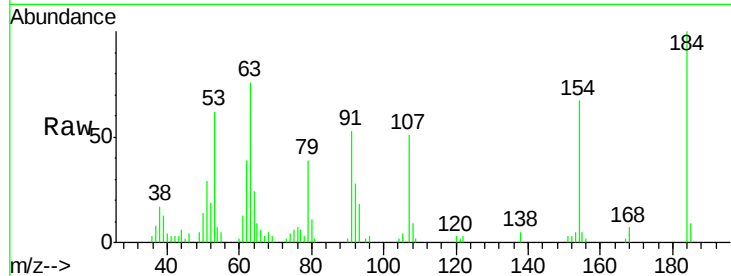
#53
 2,4-Dinitrophenol
 Concen: 12.125 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampled :
 PB106115BS

Tgt Ion:184 Resp: 22238
 Ion Ratio Lower Upper
 184 100
 63 76.2 54.2 81.2
 154 66.8 184.0 276.0#

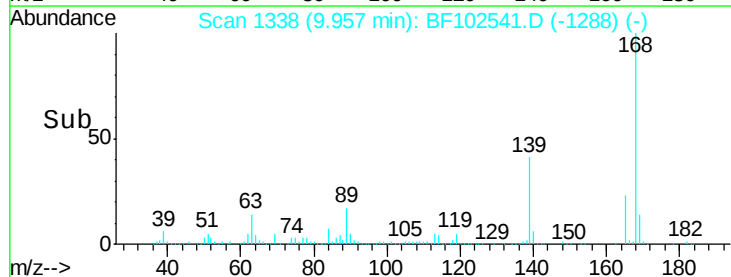
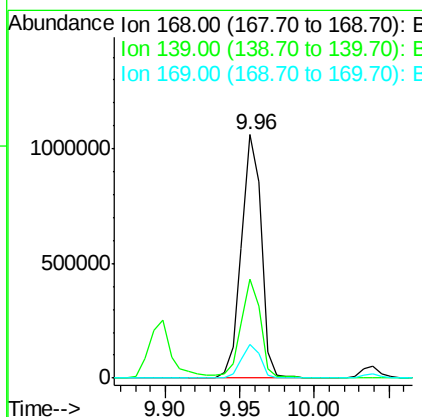
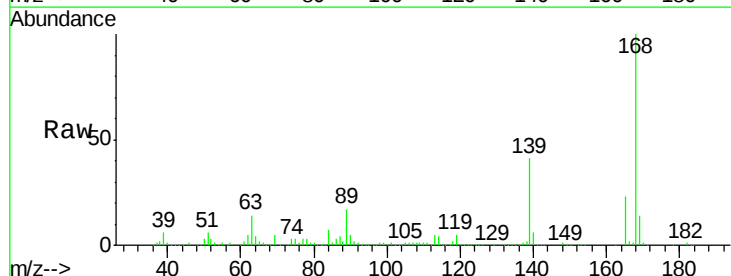
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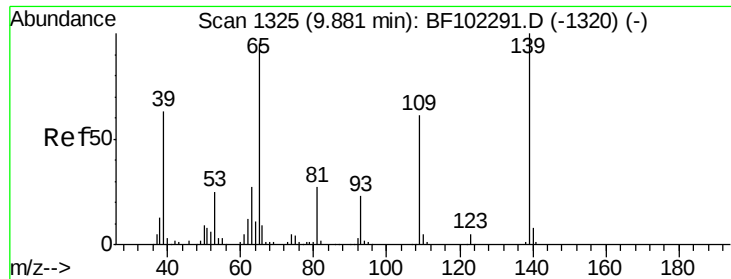
Sohil
 1/29/2018 5:45:06 PM



#54
 Dibenzofuran
 Concen: 36.706 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:168 Resp: 988677
 Ion Ratio Lower Upper
 168 100
 139 40.5 30.1 45.1
 169 13.8 10.9 16.3





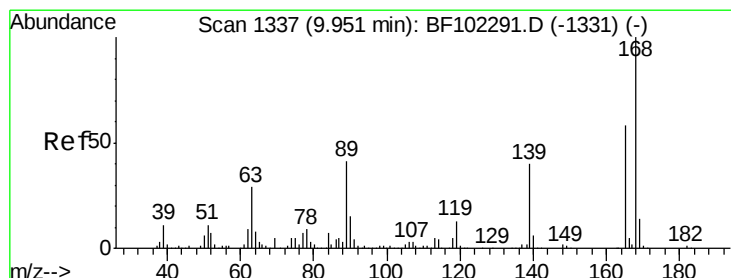
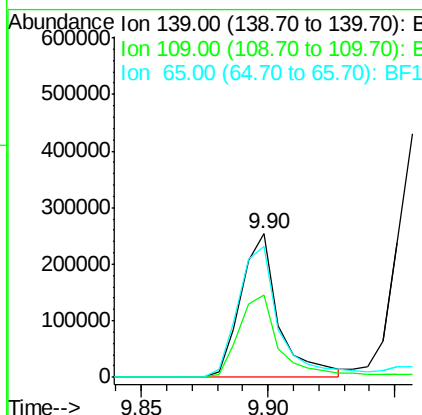
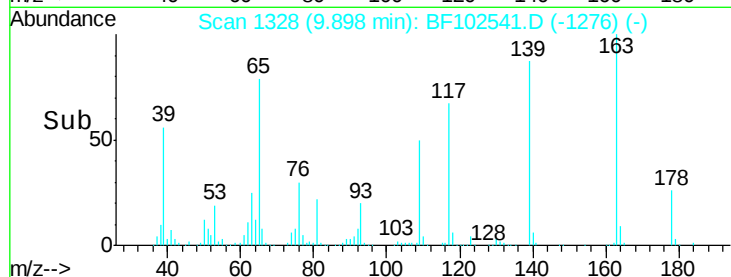
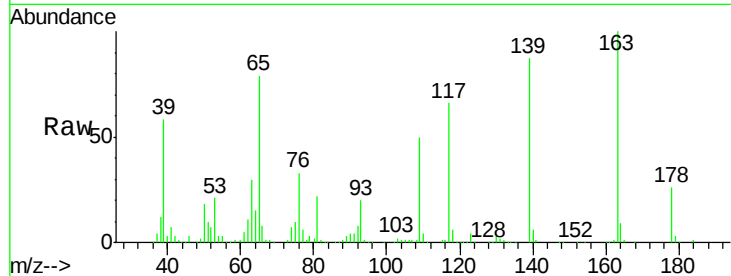
#55
4-Nitrophenol
Concen: 60.177 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	263551		
109	57.7	48.4	88.4	
65	91.0	72.6	112.6	

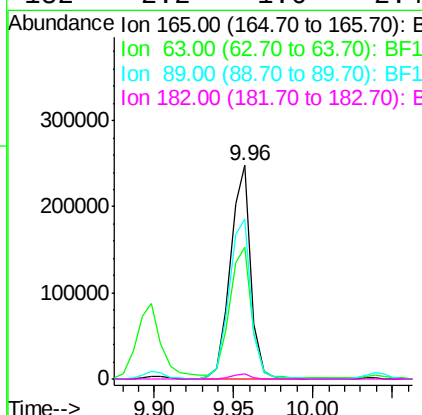
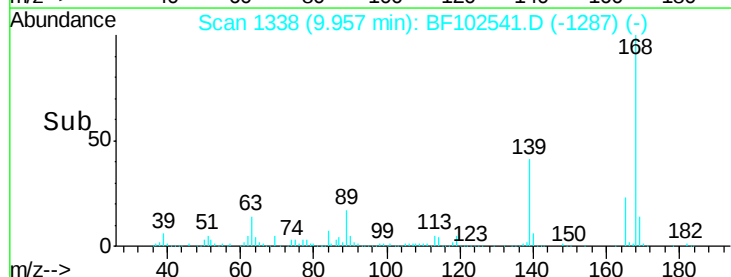
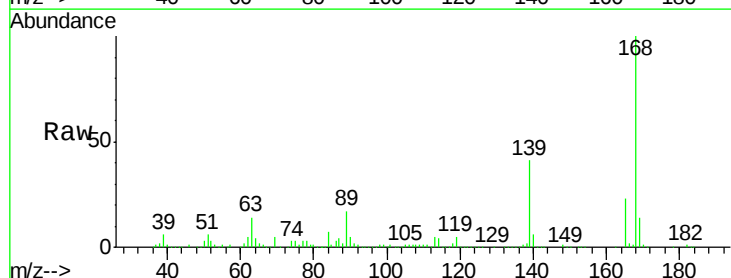
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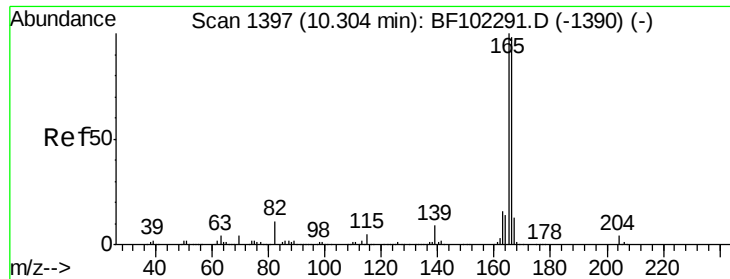
Sohil
1/29/2018 5:45:06 PM



#56
2,4-Dinitrotoluene
Concen: 32.223 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222240		
63	61.5	36.4	54.6#	
89	74.8	57.8	86.6	
182	2.2	1.6	2.4	





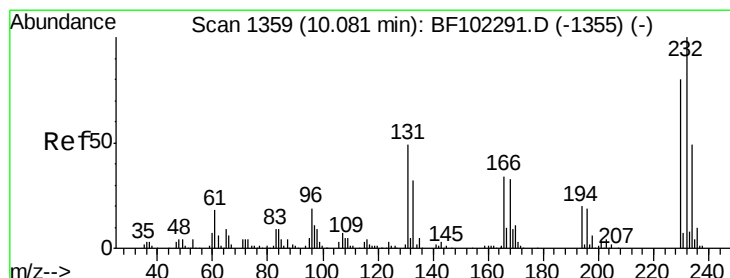
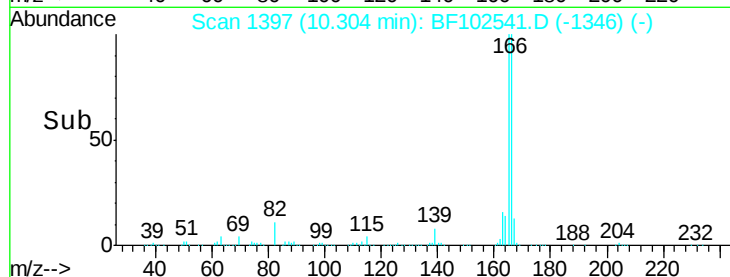
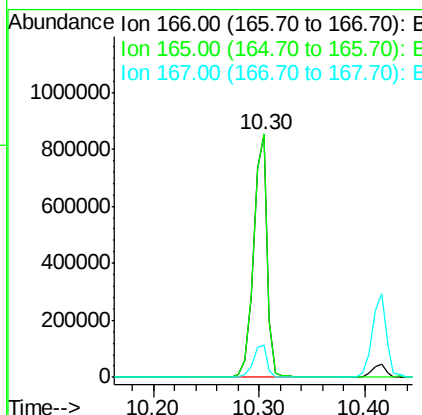
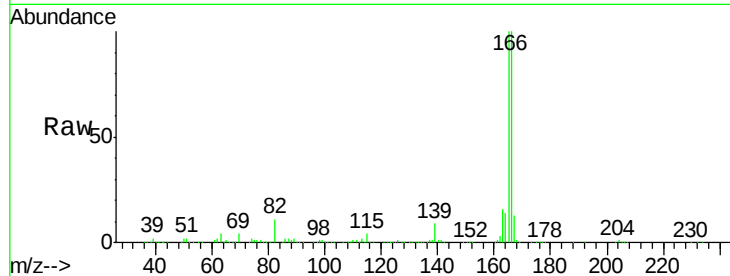
#57
Fluorene
 Concen: 35.978 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampled :
 PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	767894		
165	100.2	79.8	119.8	
167	13.3	10.6	16.0	

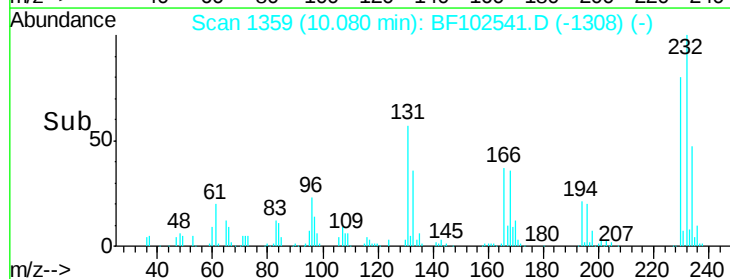
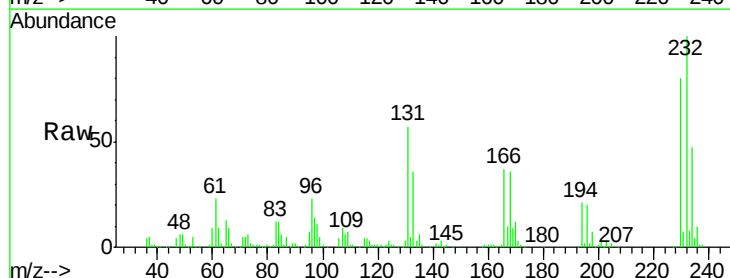
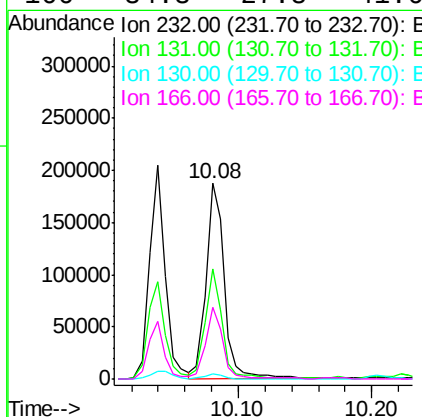
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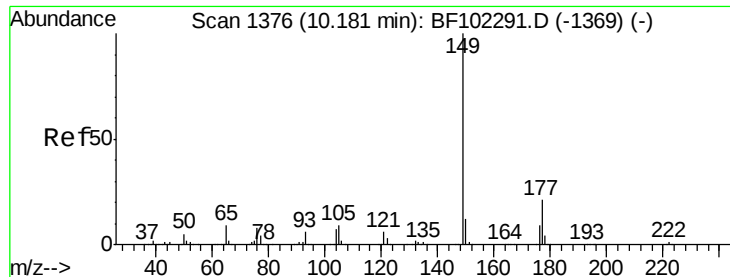
Sohil
 1/29/2018 5:45:06 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.081 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	178757		
131	51.7	43.8	65.8	
130	2.7	2.1	3.1	
166	34.3	27.8	41.6	





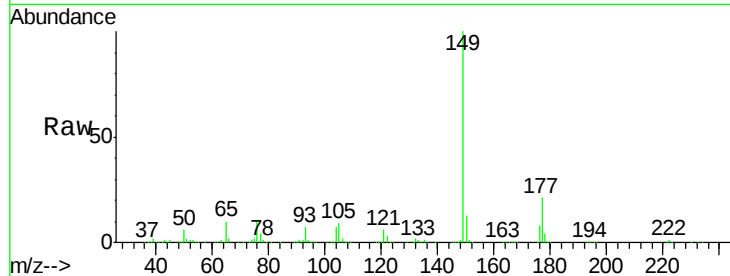
#59
Diethylphthalate
Concen: 36.767 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampled :
PB106115BS

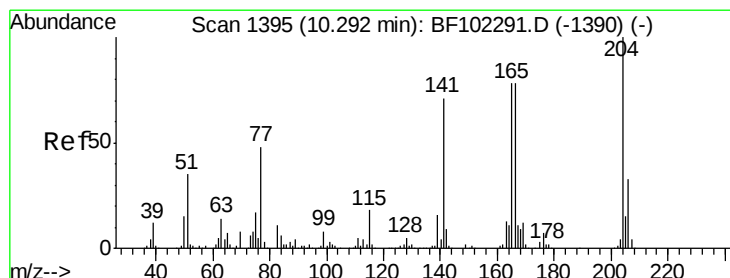
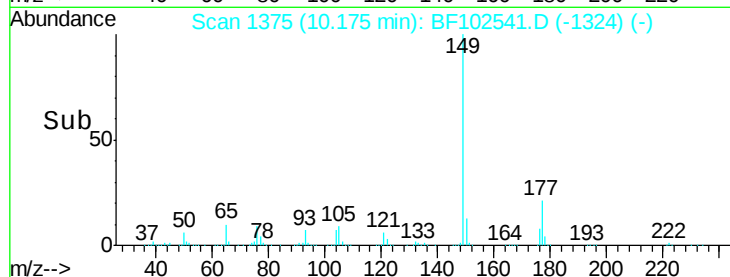
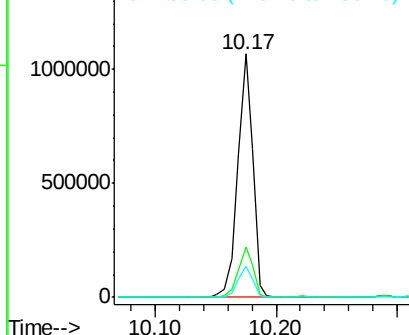
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.6	10.1	15.1

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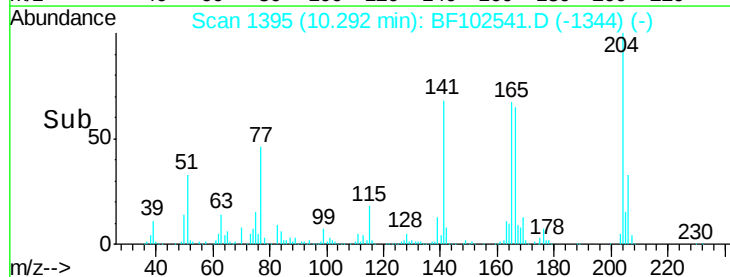
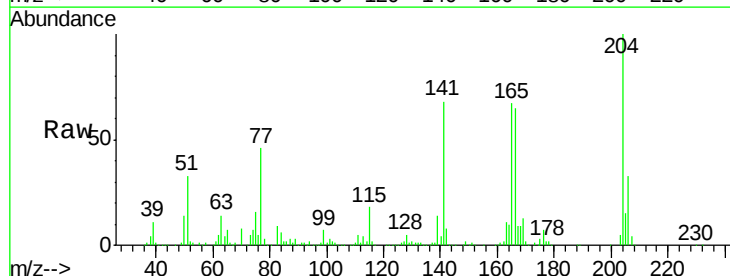
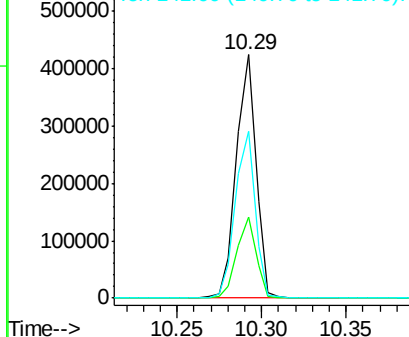
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

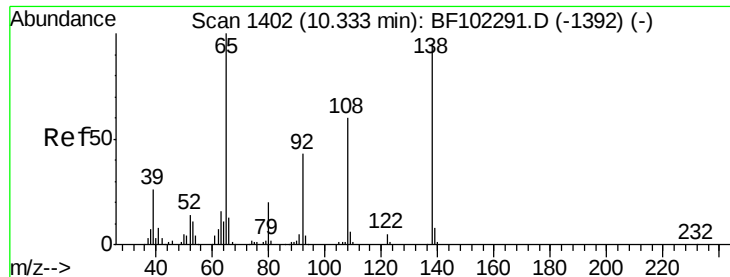


#60
4-Chlorophenyl-phenylether
Concen: 37.440 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	68.4	54.6	81.8

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





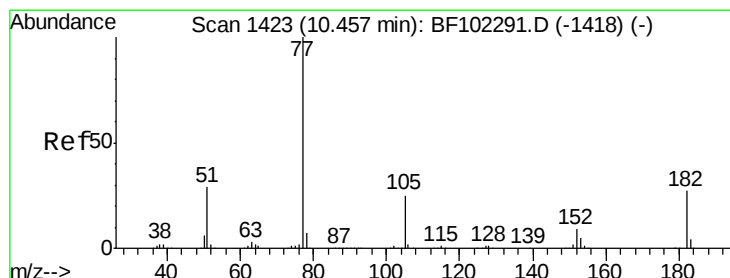
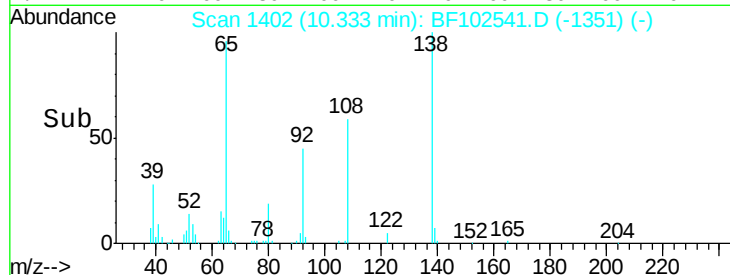
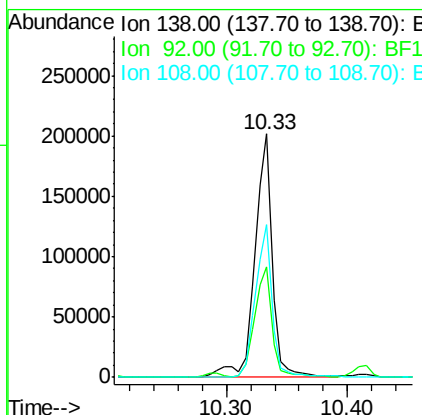
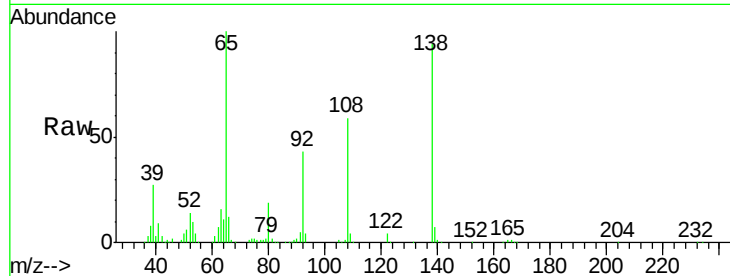
#61
4-Nitroaniline
Concen: 31.191 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.3	30.2	70.2
108	62.5	52.5	92.5

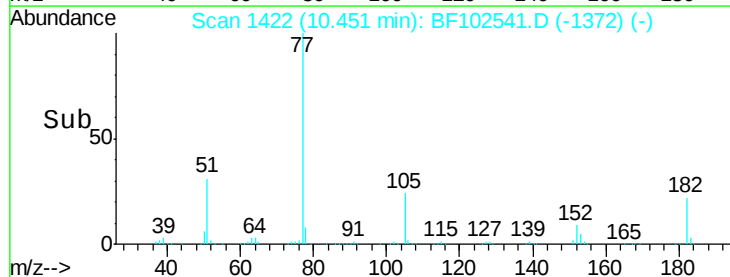
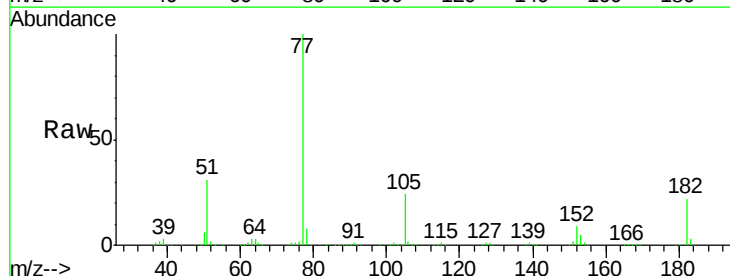
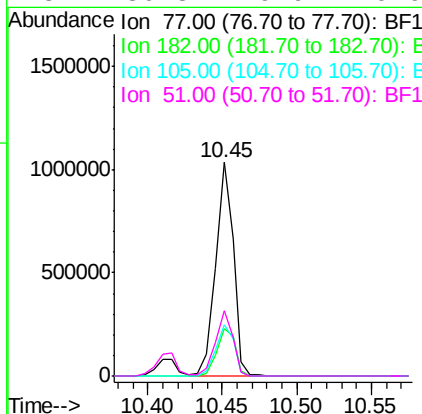
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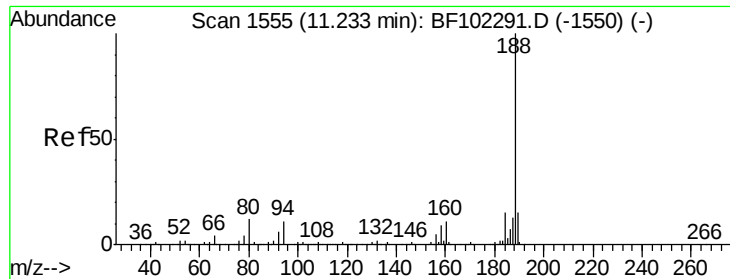
Sohil
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#62
Azobenzene
Concen: 37.072 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.7	41.7
105	24.2	3.0	43.0
51	30.8	9.9	49.9





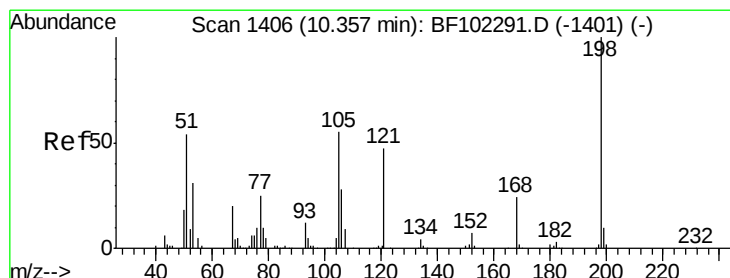
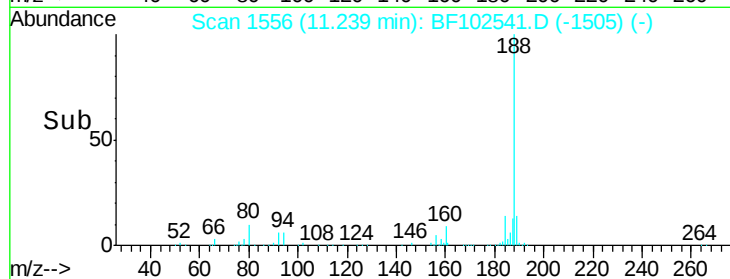
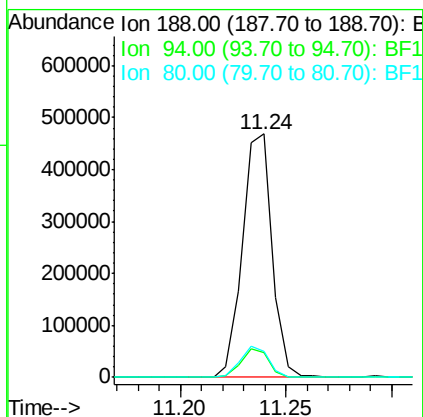
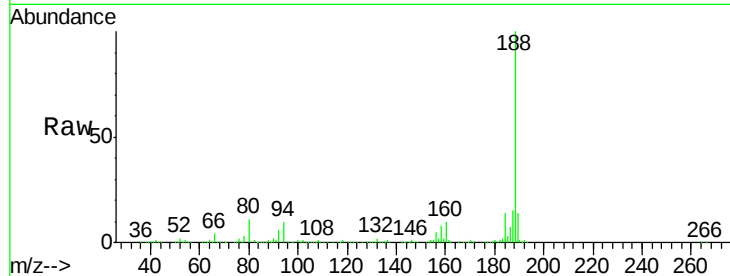
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8

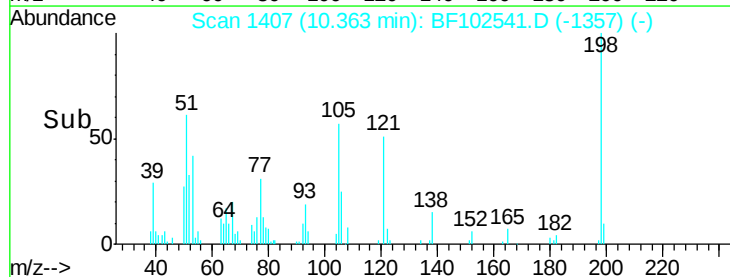
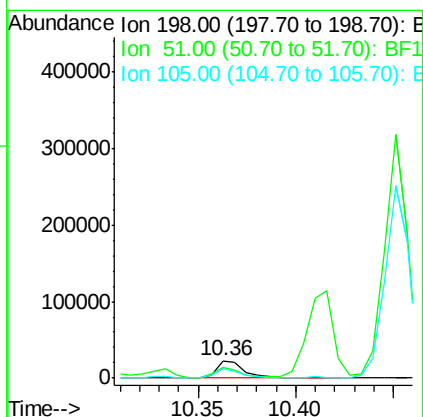
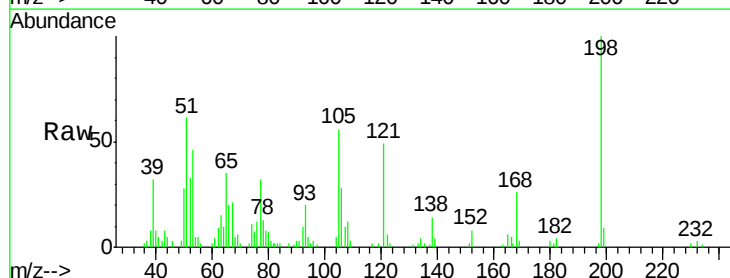
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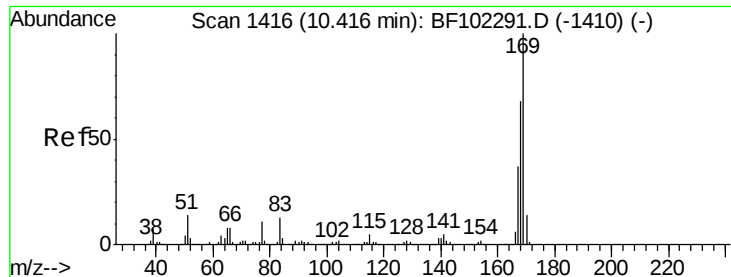
Sohil
1/29/2018 5:45:06 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 7.255 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	61.4	37.7	77.7
105	55.5	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 42.954 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion:169 Resp: 718687
Ion Ratio Lower Upper

169 100

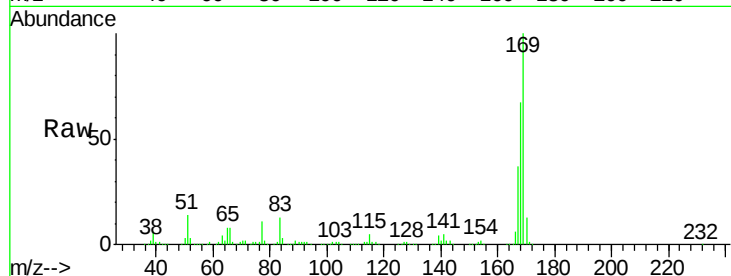
168 66.8 54.4 81.6

167 37.3 29.8 44.6

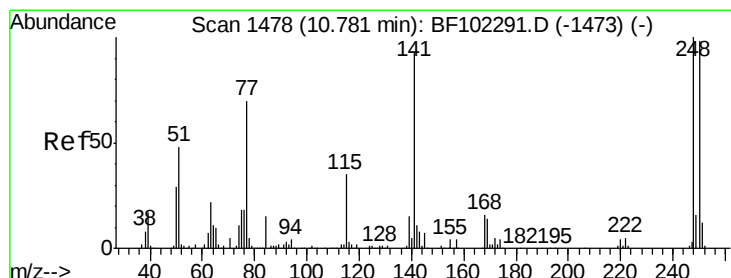
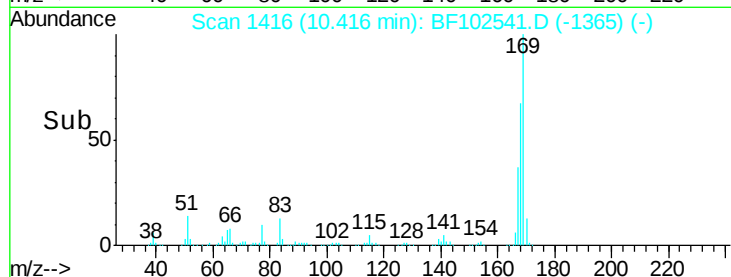
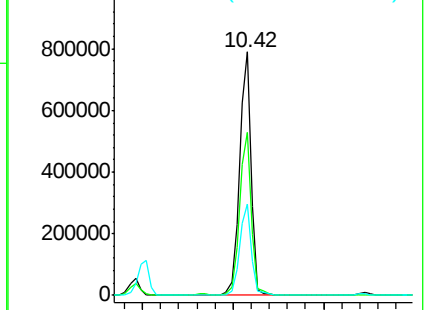
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.858 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF102541.D

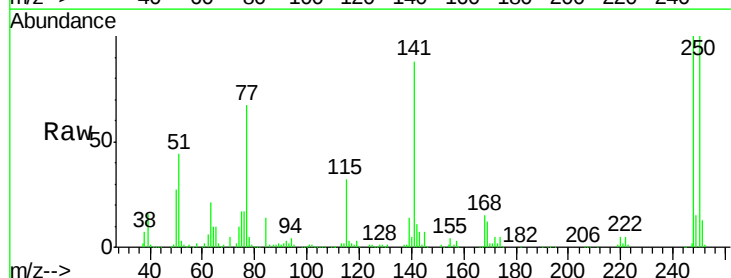
Acq: 28 Jan 2018 6:08

Tgt Ion:248 Resp: 205407
Ion Ratio Lower Upper

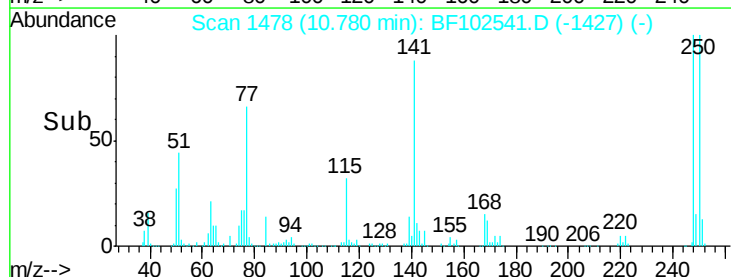
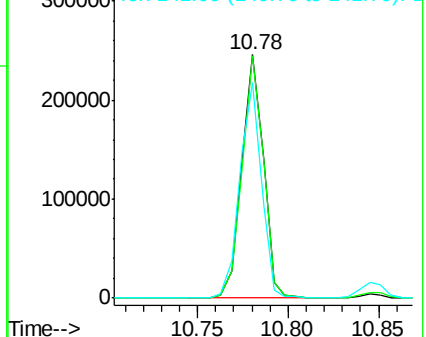
248 100

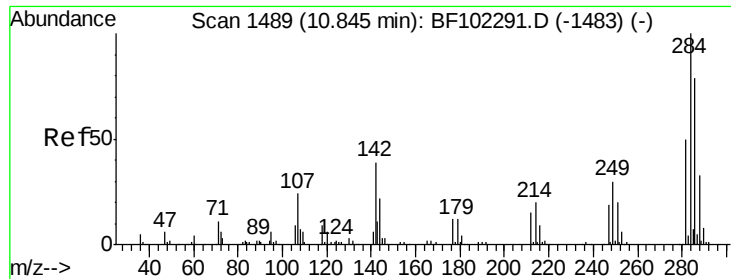
250 99.8 76.9 115.3

141 88.4 74.4 111.6



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





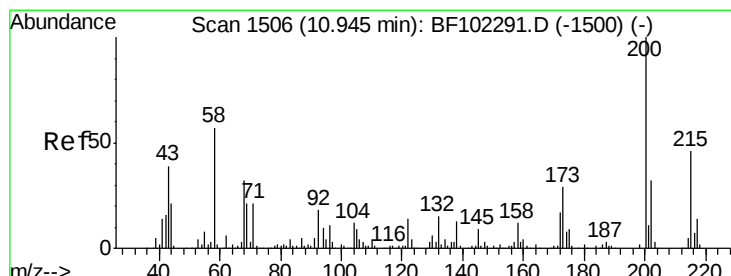
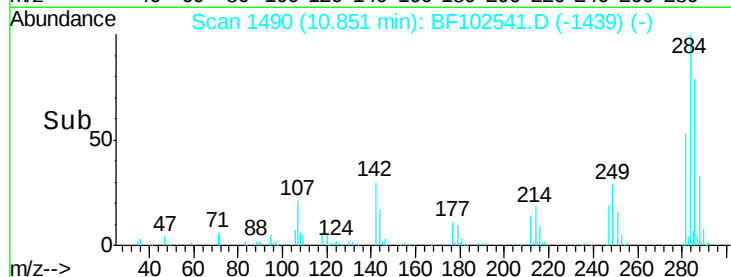
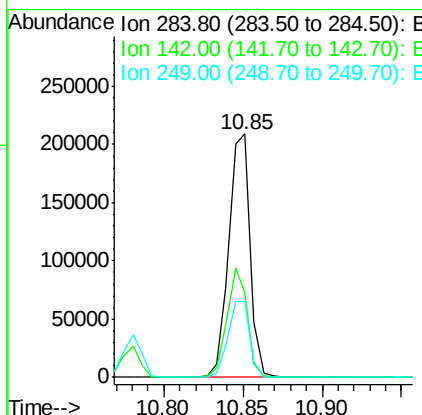
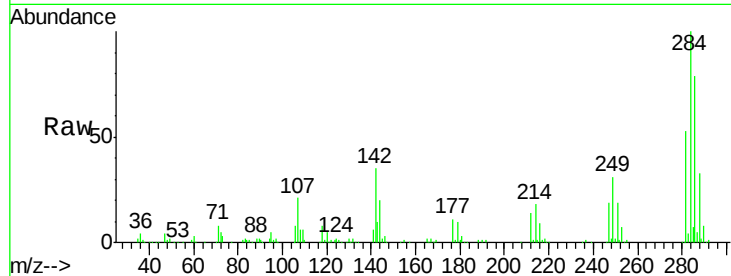
#67
Hexachlorobenzene
Concen: 35.568 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampled :
PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	195202		
142	34.7	34.6	52.0	
249	31.2	24.8	37.2	

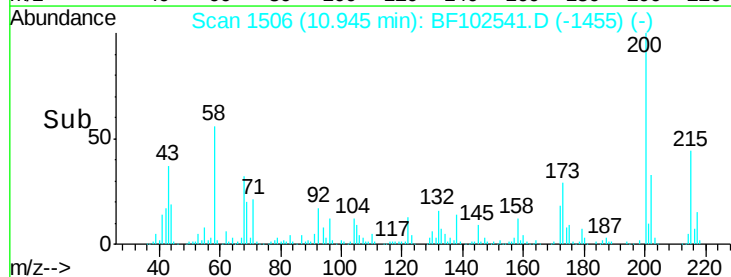
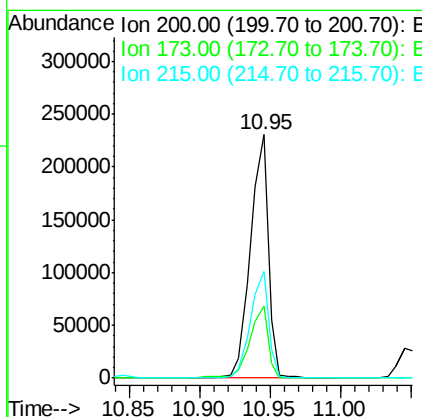
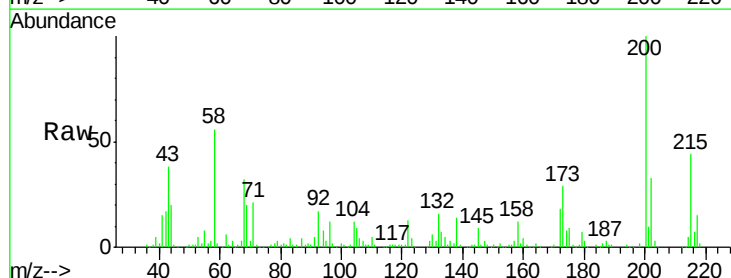
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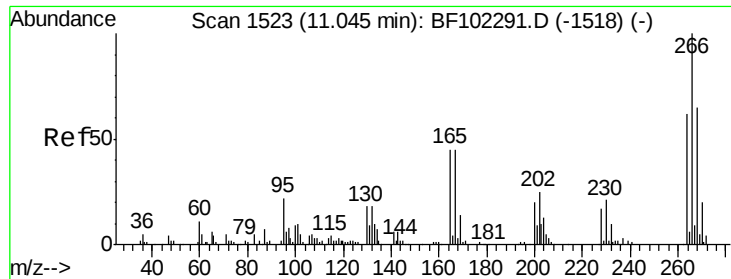
Sohil
1/29/2018 5:45:06 PM



#68
Atrazine
Concen: 41.931 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	207208		
173	29.4	8.6	48.6	
215	44.0	25.1	65.1	





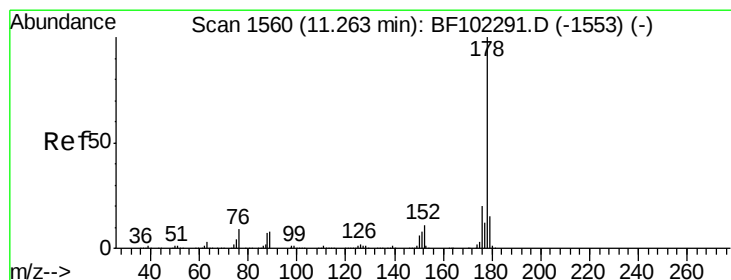
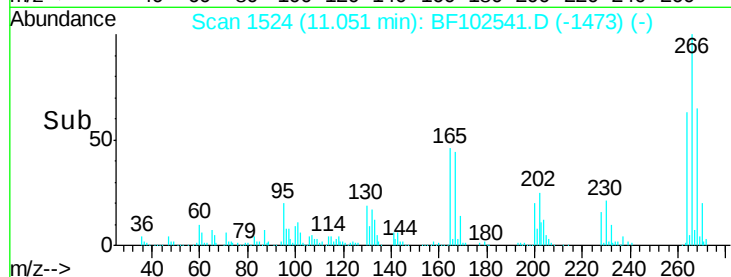
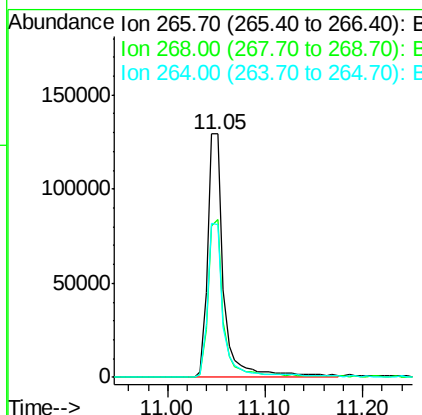
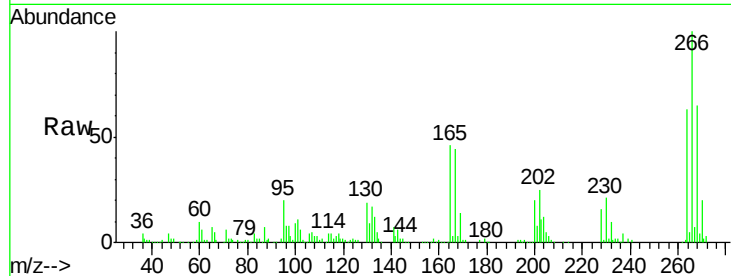
#69
 Pentachlorophenol
 Concen: 52.101 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	150210		
268	64.7	51.1	76.7	
264	62.6	49.5	74.3	

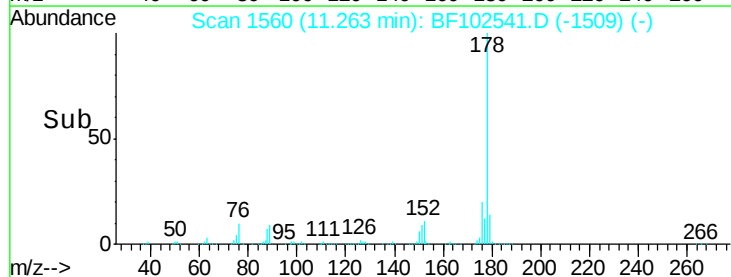
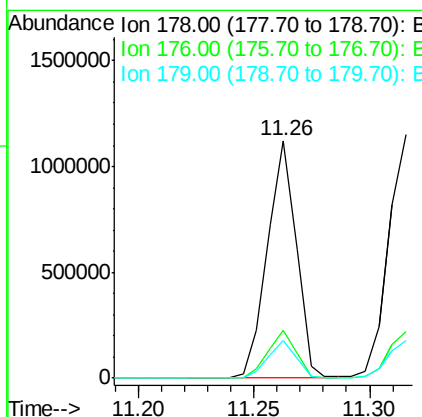
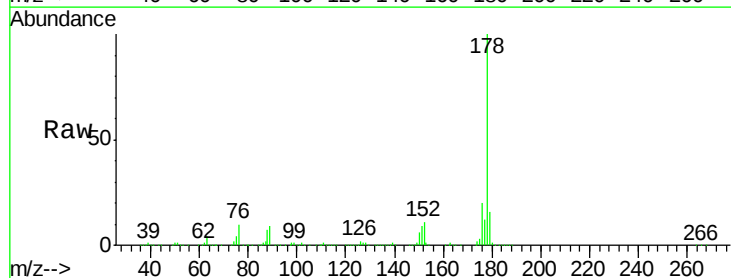
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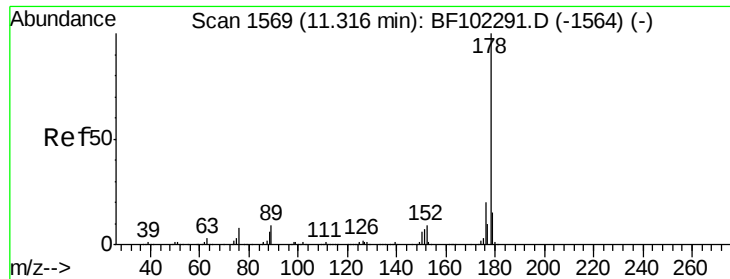
Sohil
 1/29/2018 5:45:06 PM



#70
 Phenanthrene
 Concen: 36.914 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	980570		
176	20.1	15.8	23.8	
179	15.7	13.0	19.6	





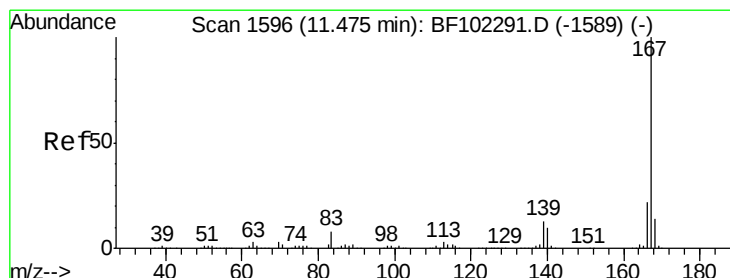
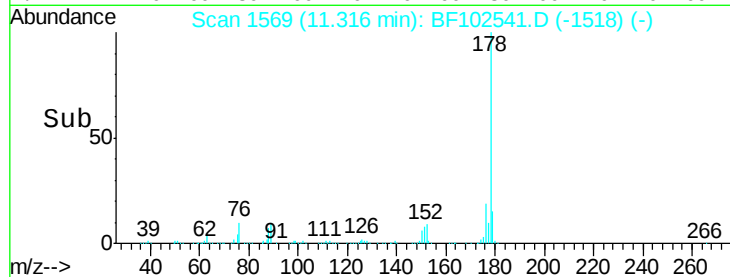
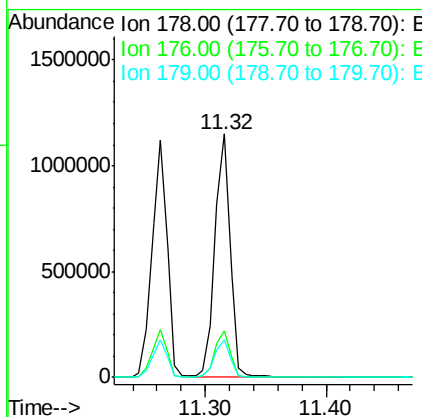
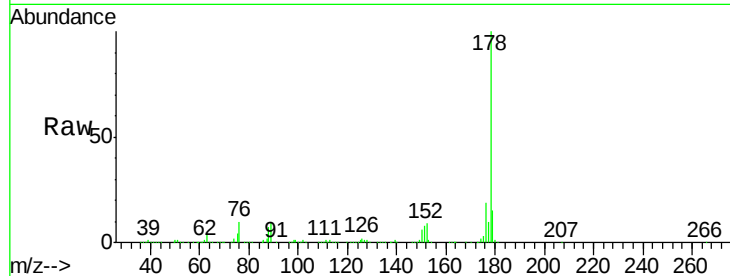
#71
 Anthracene
 Concen: 36.873 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0

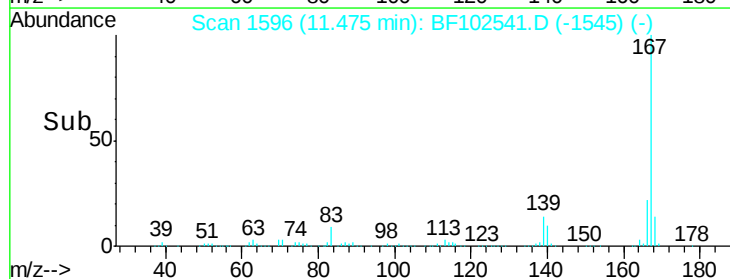
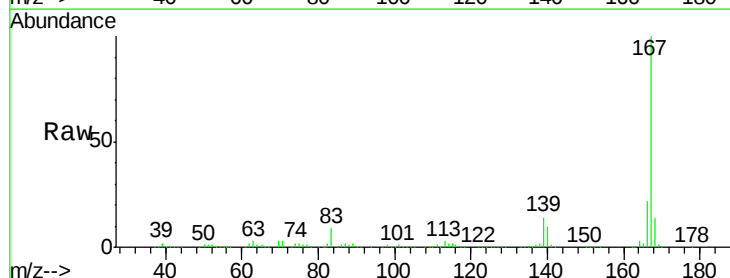
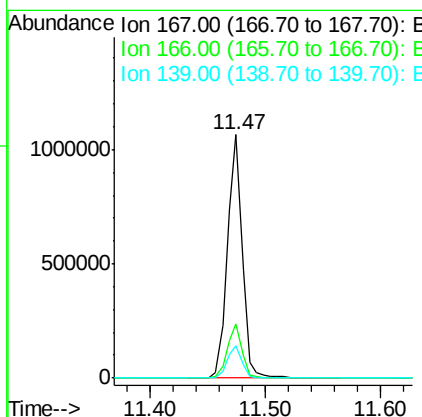
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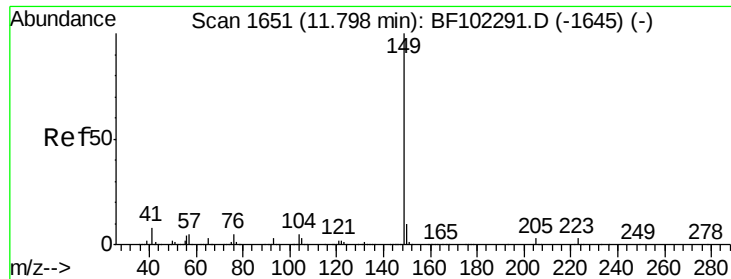
Sohil
 1/29/2018 5:45:06 PM



#72
 Carbazole
 Concen: 35.834 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.102 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion:149 Resp: 1325896

Ion Ratio Lower Upper

149 100

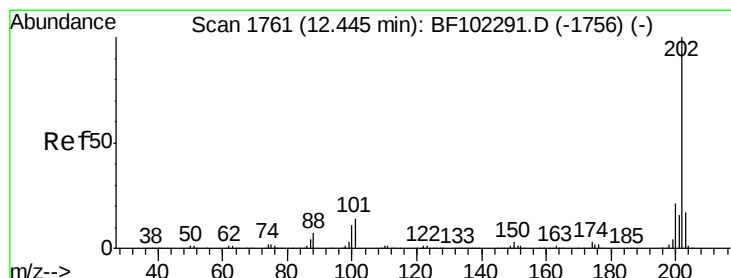
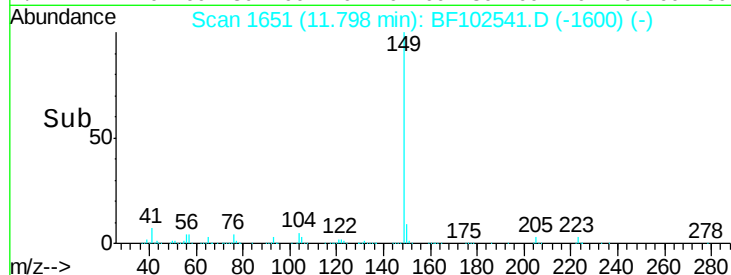
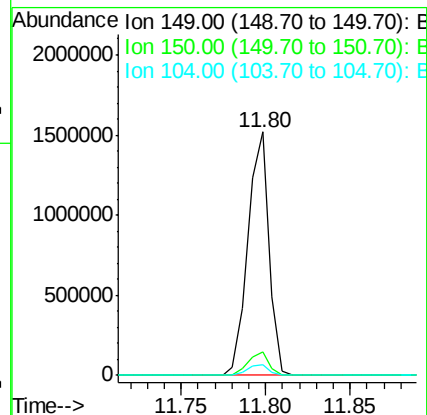
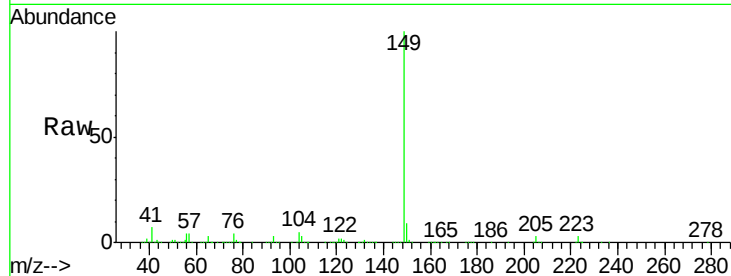
150 9.4 7.8 11.6

104 4.6 3.8 5.8

Manual Integrations
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Sohil

1/29/2018 5:45:06 PM



#74

Fluoranthene

Concen: 32.827 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

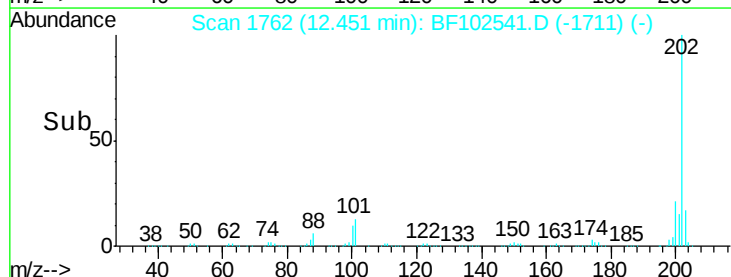
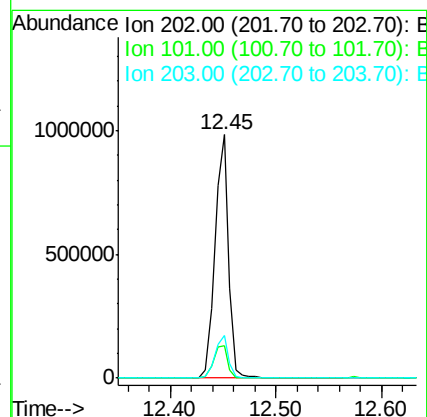
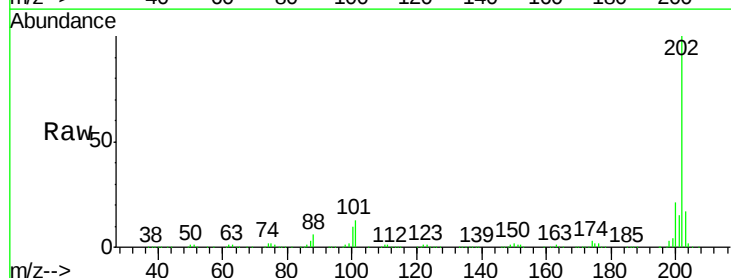
Tgt Ion:202 Resp: 889225

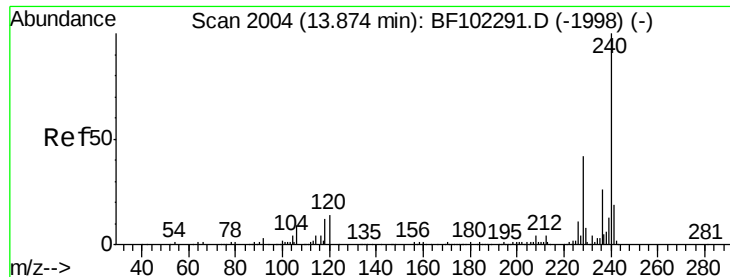
Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

203 17.4 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: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion:240 Resp: 308828
Ion Ratio Lower Upper

240 100

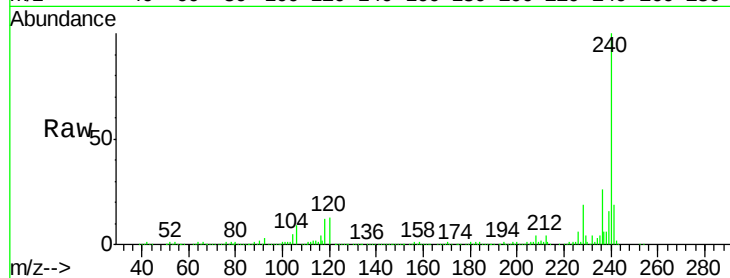
120 13.3 9.5 14.3

236 25.6 20.7 31.1

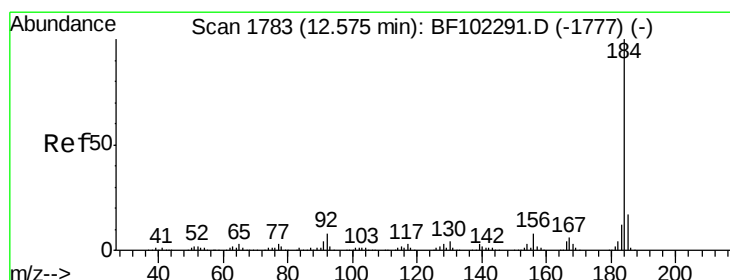
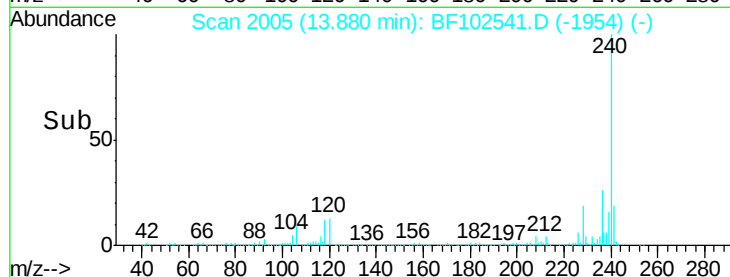
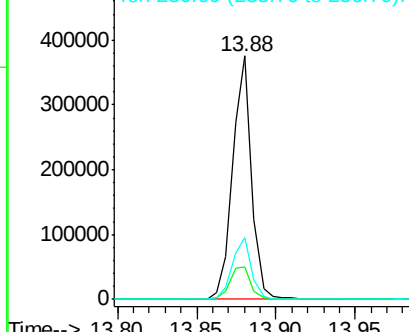
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 64.570 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102541.D

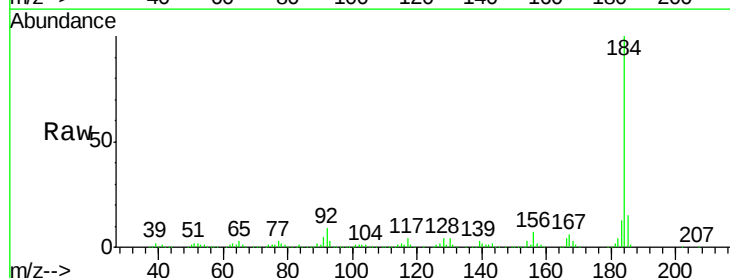
Acq: 28 Jan 2018 6:08

Tgt Ion:184 Resp: 669886
Ion Ratio Lower Upper

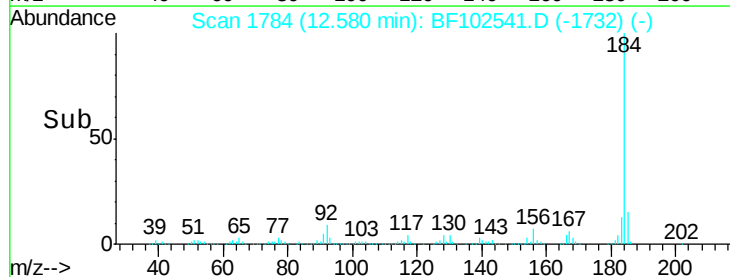
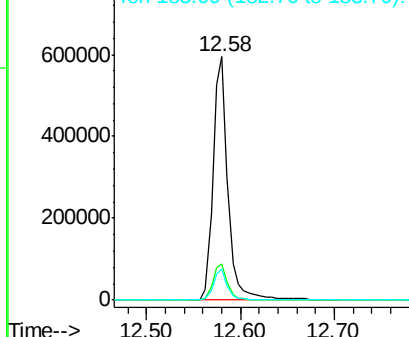
184 100

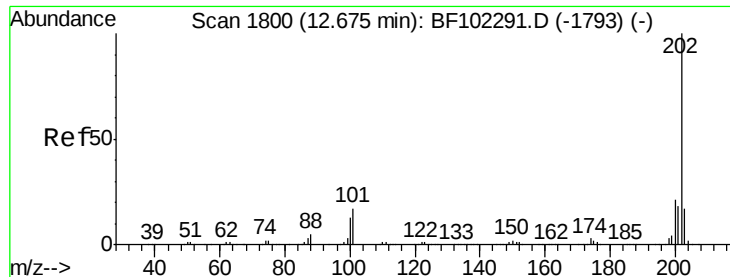
185 15.0 12.6 18.8

183 12.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





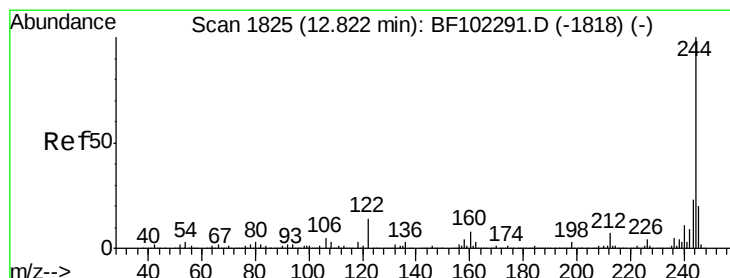
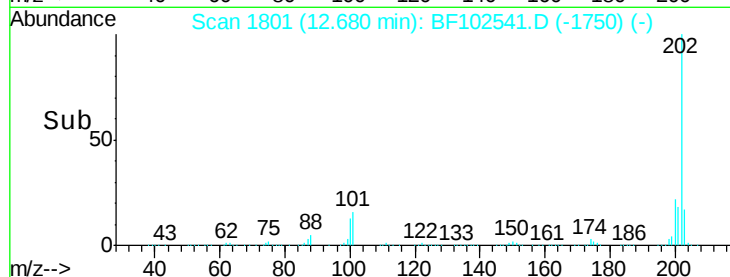
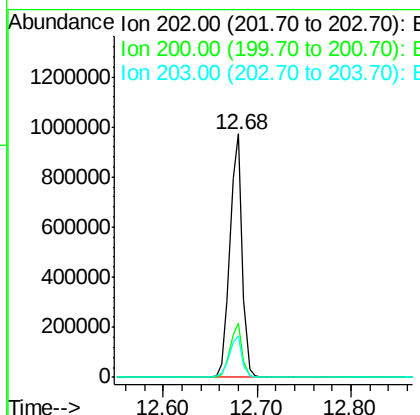
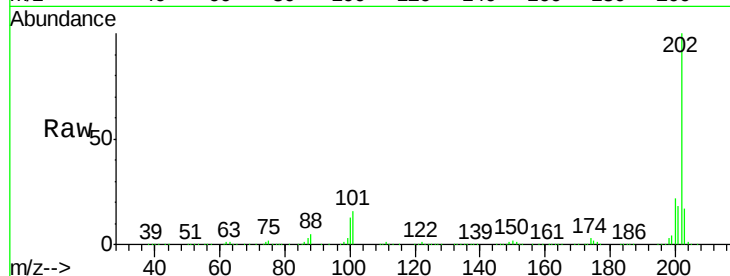
#77
 Pyrene
 Concen: 36.947 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	882199		
200	22.2	17.4	26.2	
203	17.2	14.3	21.5	

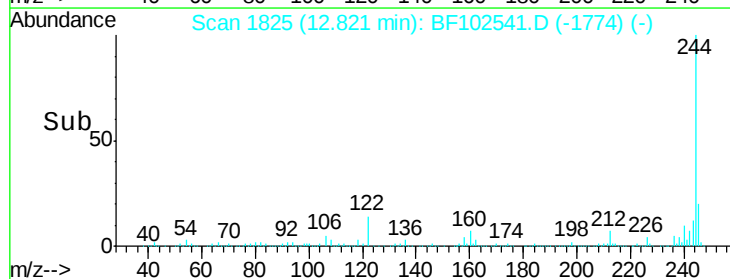
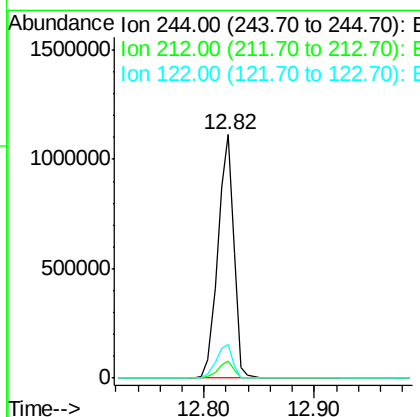
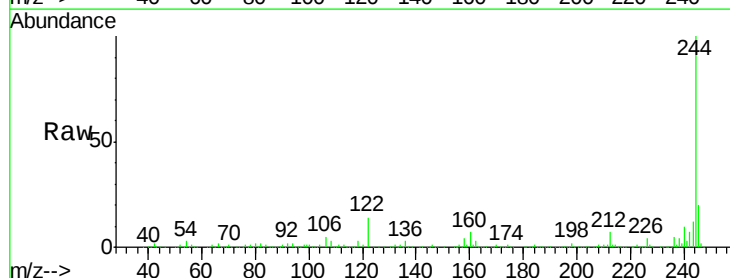
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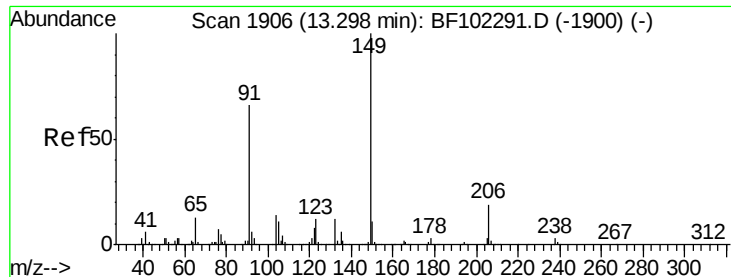
Sohil
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#78
 Terphenyl-d14
 Concen: 80.984 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1109405		
212	7.0	5.4	8.0	
122	13.9	11.0	16.4	





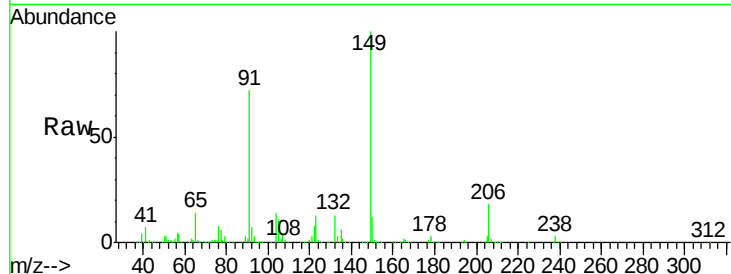
#79
Butylbenzylphthalate
Concen: 40.225 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

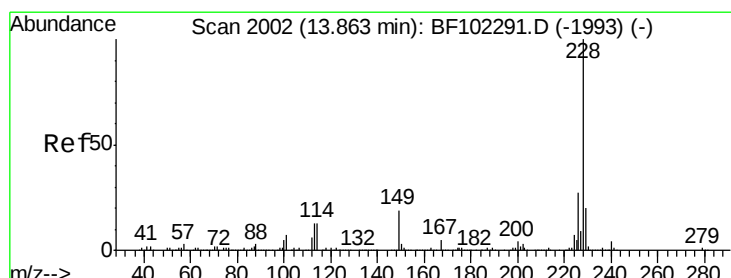
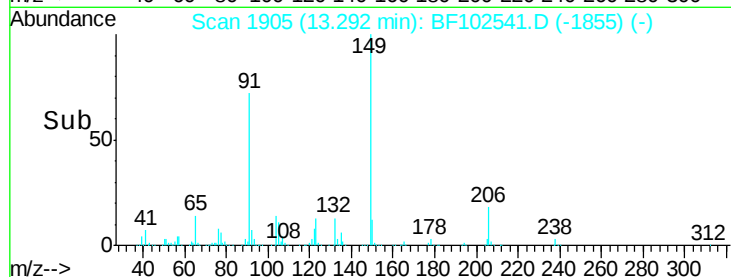
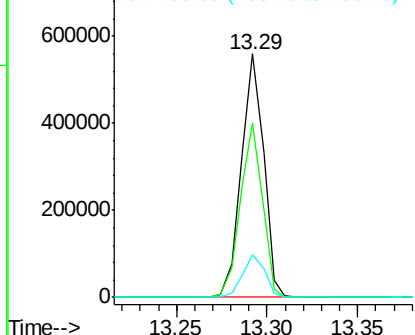
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.7	56.8	85.2
206	17.7	14.1	21.1

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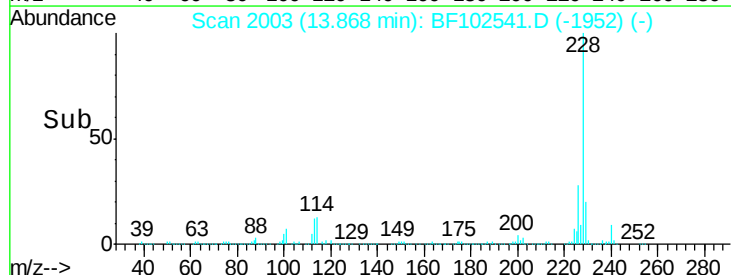
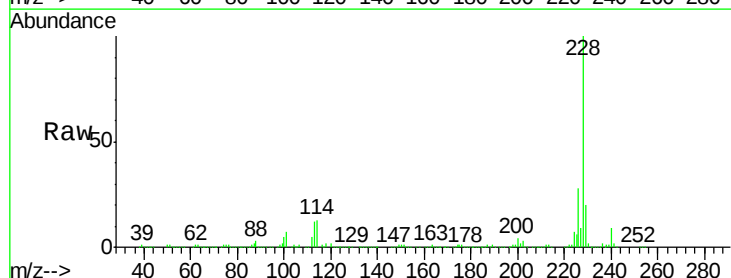
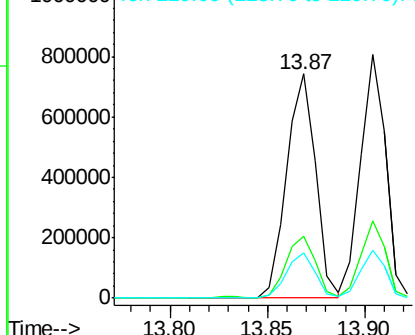
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

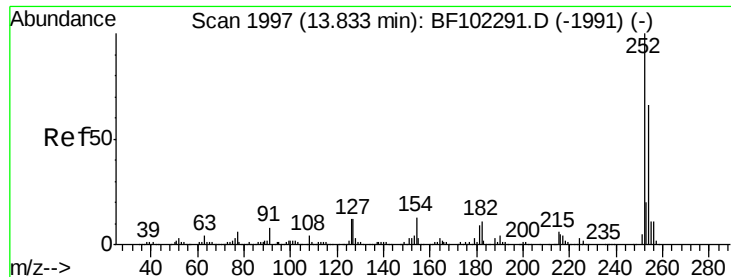


#80
Benzo(a)anthracene
Concen: 40.083 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





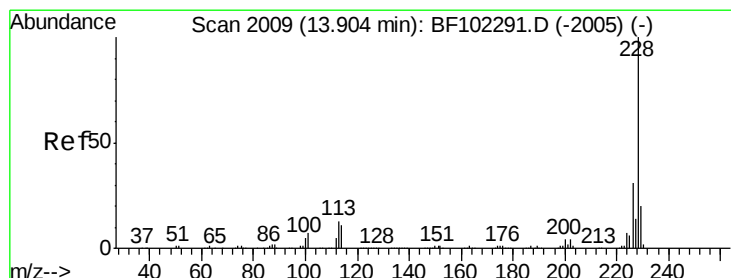
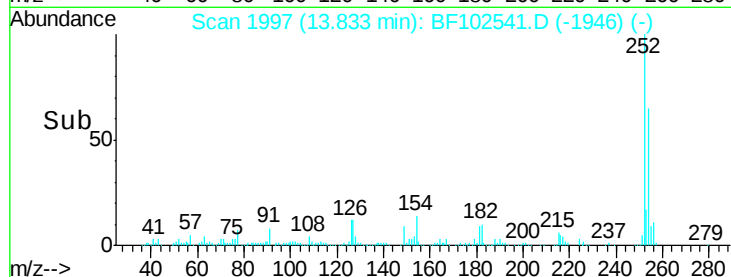
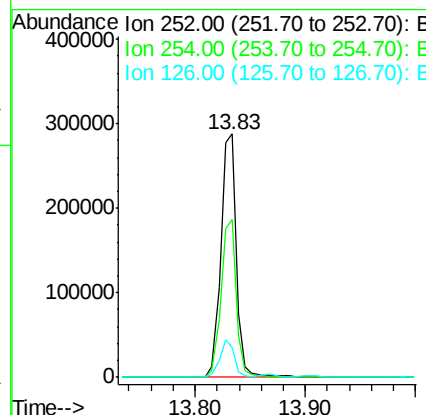
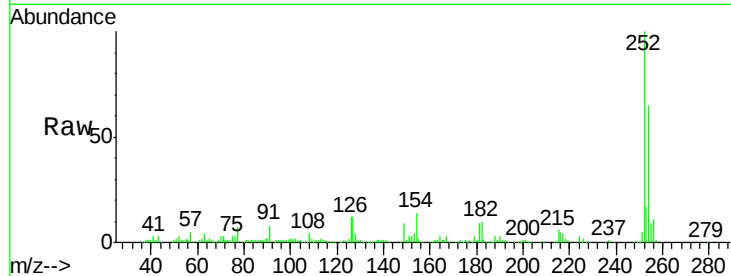
#81
 3,3'-Dichlorobenzidine
 Concen: 40.236 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion:	252	Resp:	280637
Ion Ratio	Lower	Upper	
252	100		
254	64.8	50.4	75.6
126	12.3	11.3	16.9

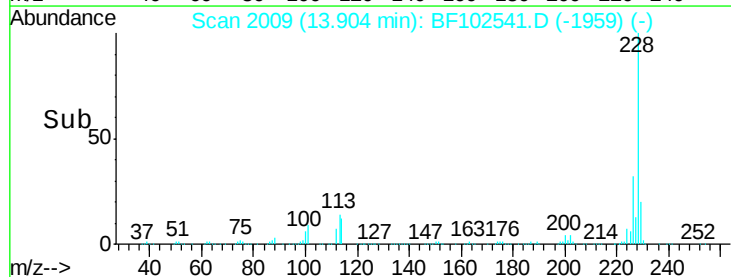
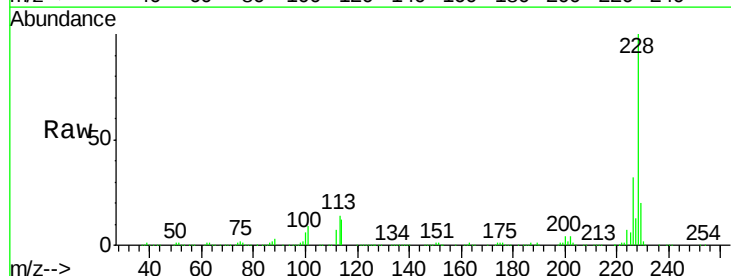
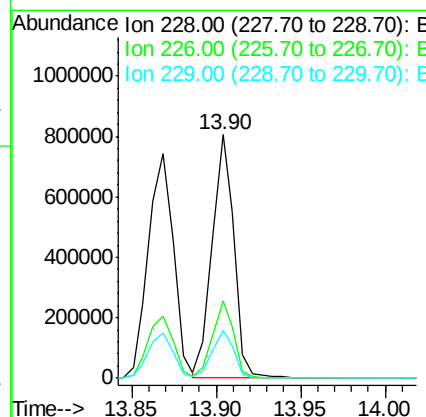
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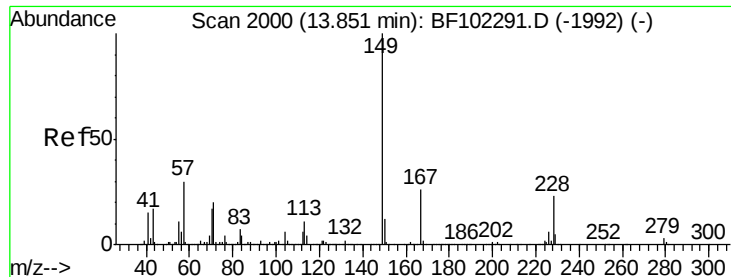
Sohil
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#82
 Chrysene
 Concen: 37.813 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion:	228	Resp:	730094
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	19.8	16.2	24.4





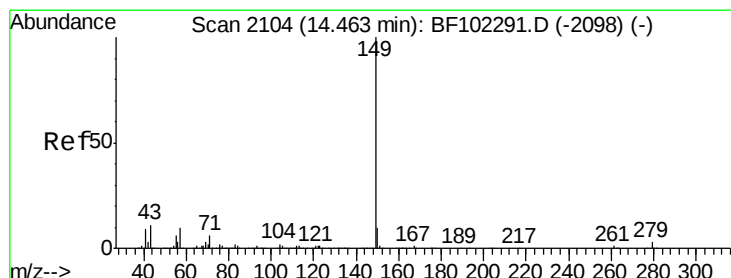
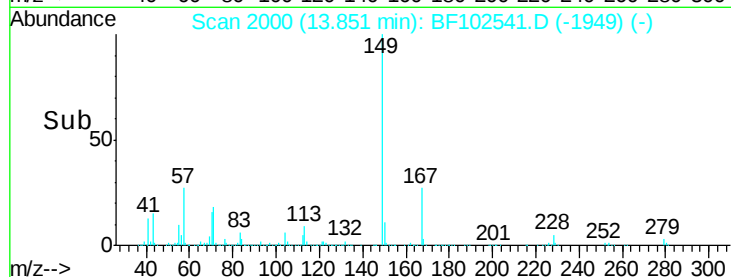
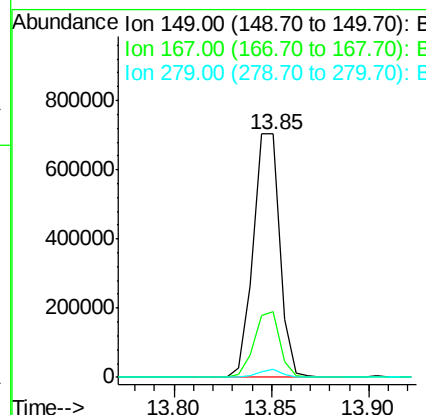
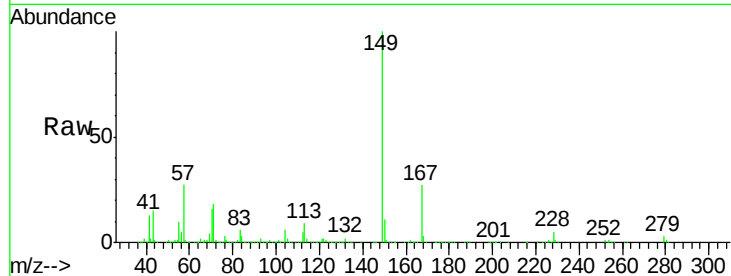
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.795 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.2	3.0	4.4

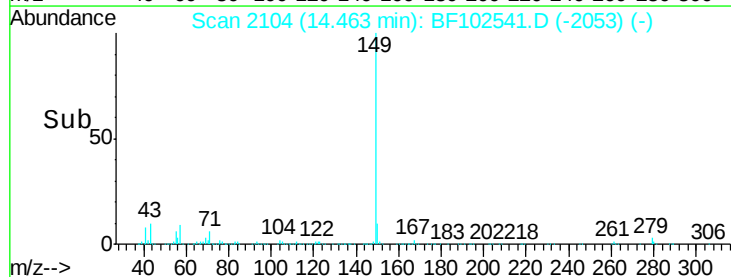
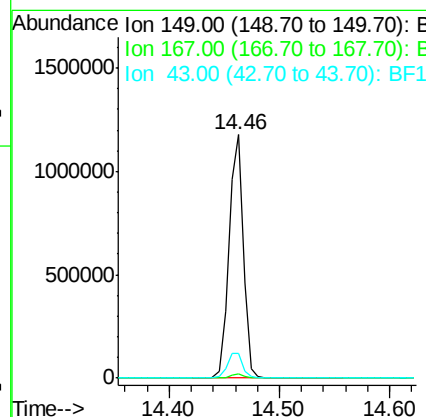
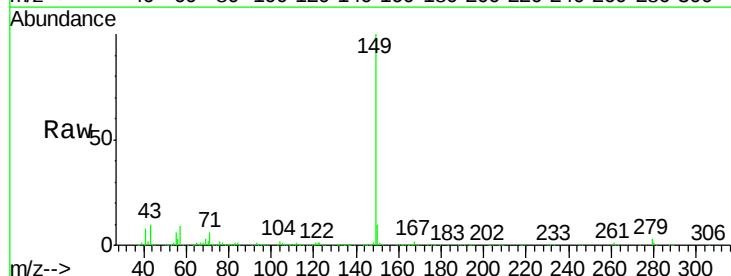
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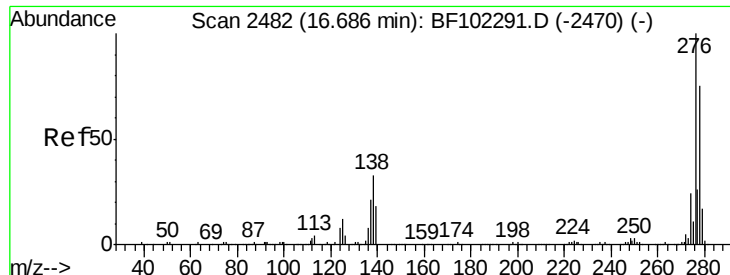
Sohil
 1/29/2018 5:45:06 PM



#84
 Di-n-octyl phthalate
 Concen: 41.136 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	8.4	12.6





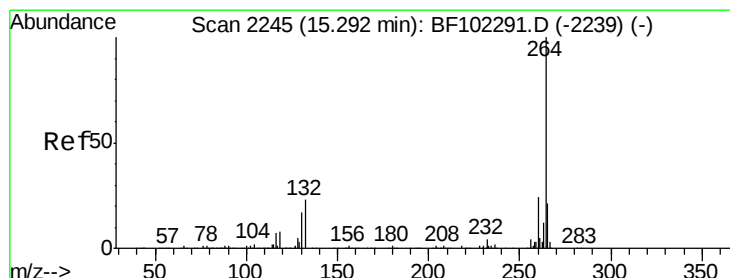
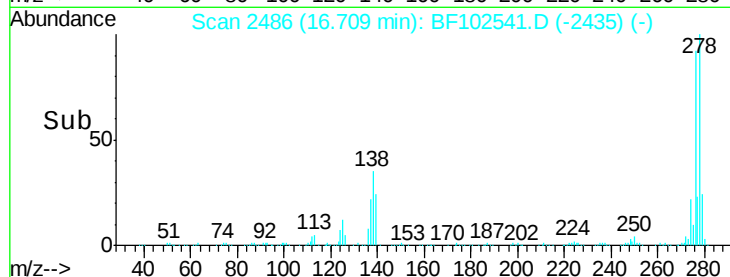
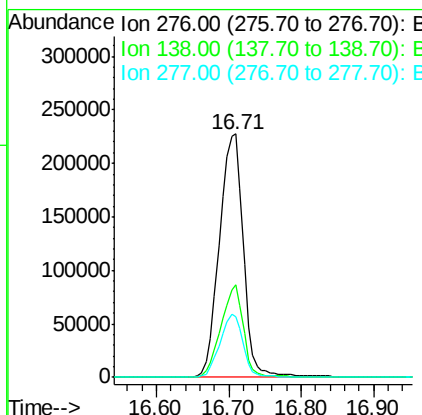
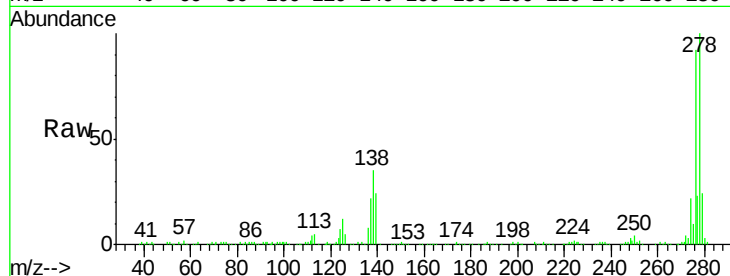
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.900 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.7	25.0	37.6
277	25.0	20.1	30.1

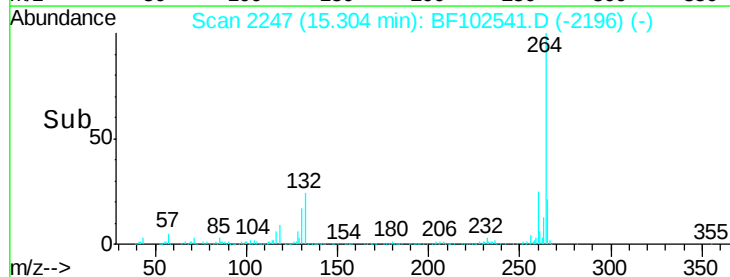
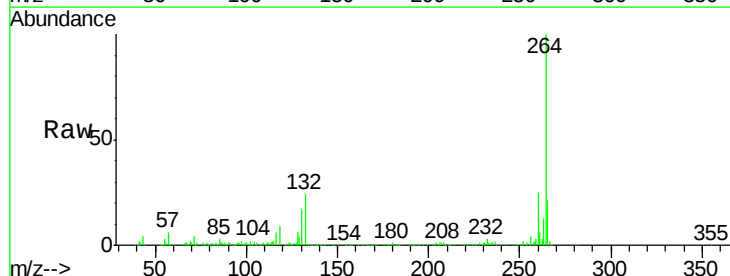
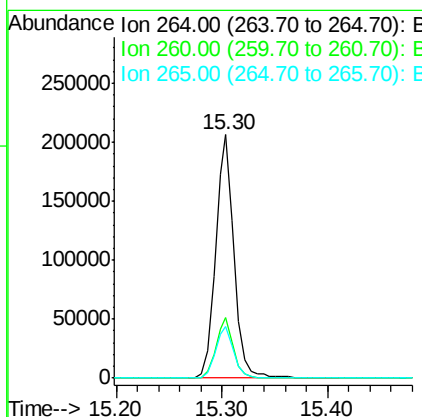
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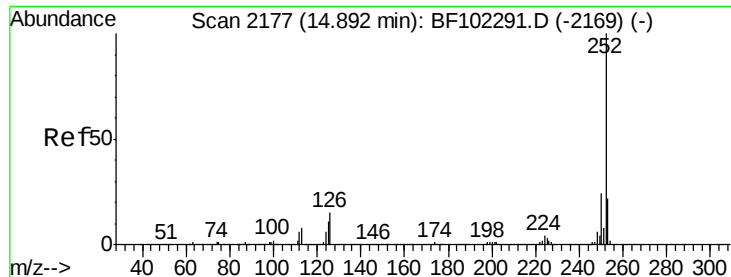
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102541.D
 Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.3	17.5	26.3





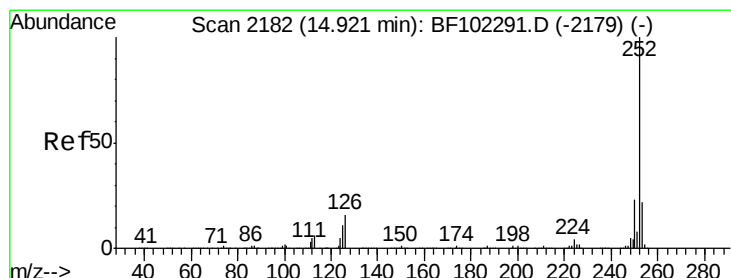
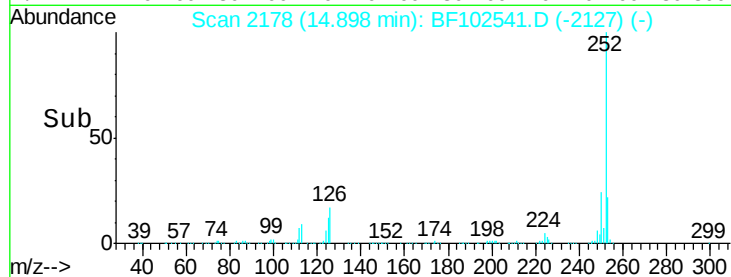
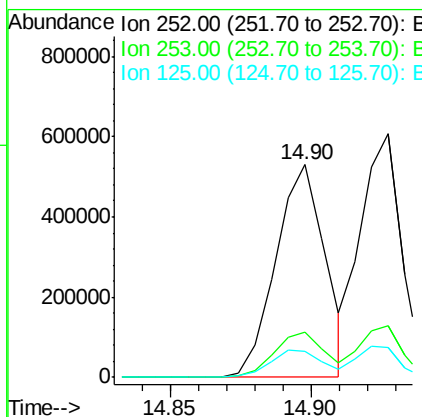
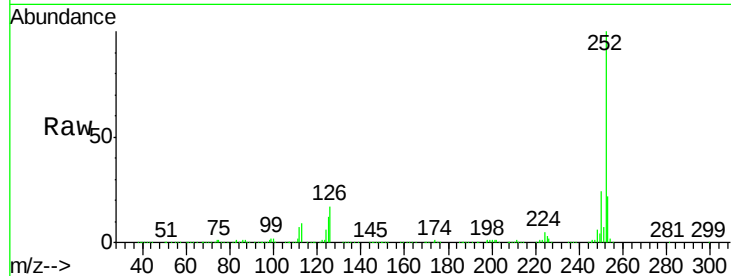
#87
Benzo(b)fluoranthene
Concen: 39.495 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	12.2	9.0	13.6

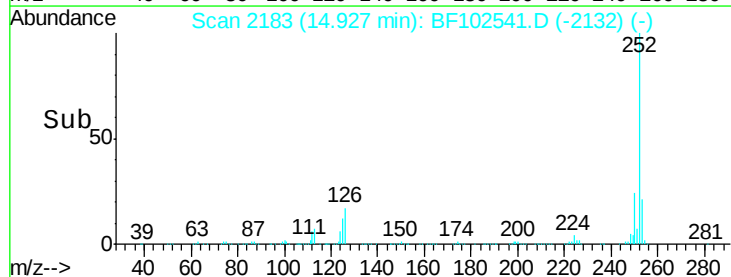
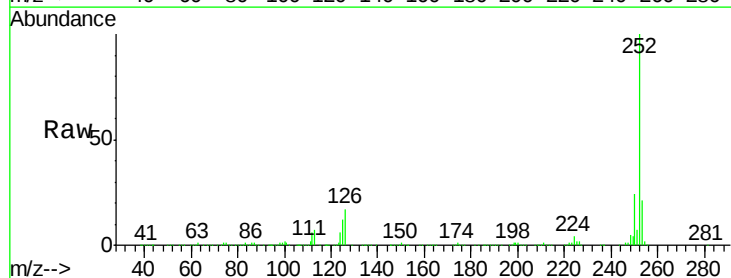
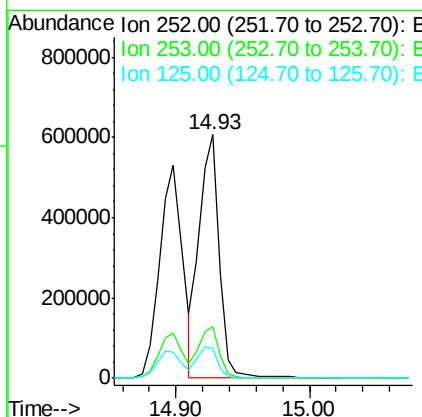
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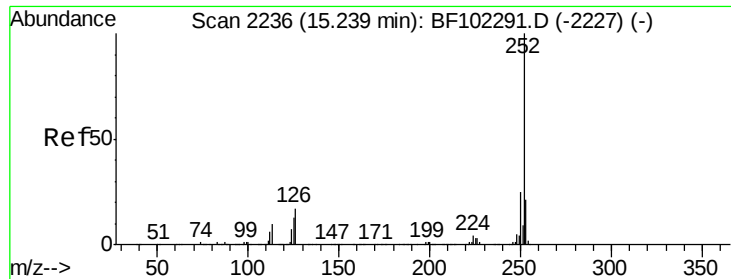
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.596 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF102541.D
Acq: 28 Jan 2018 6:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	12.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 40.173 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

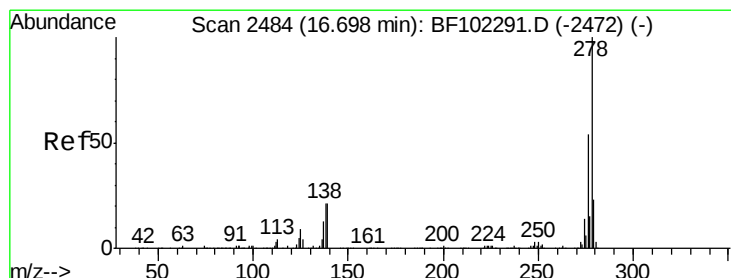
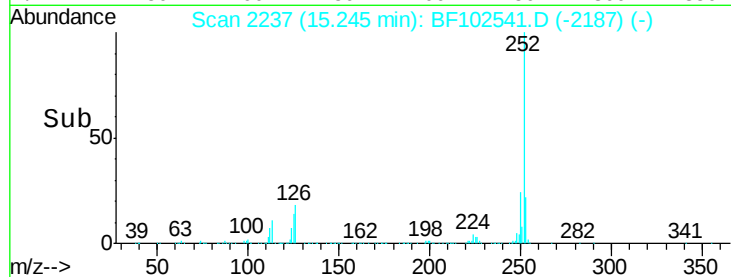
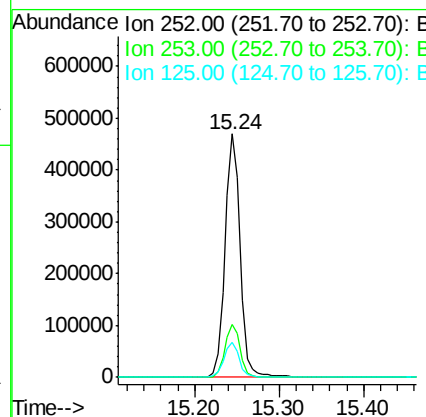
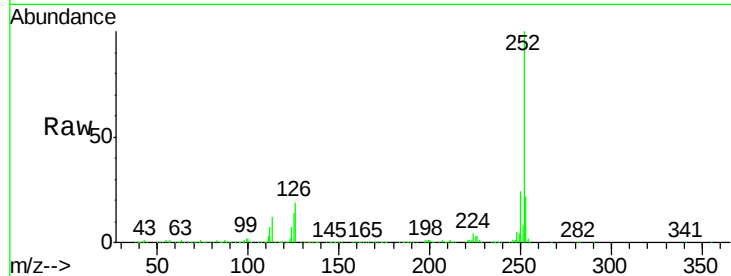
PB106115BS

Tgt Ion:	252	Resp:	590687
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	14.5	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 37.352 ng

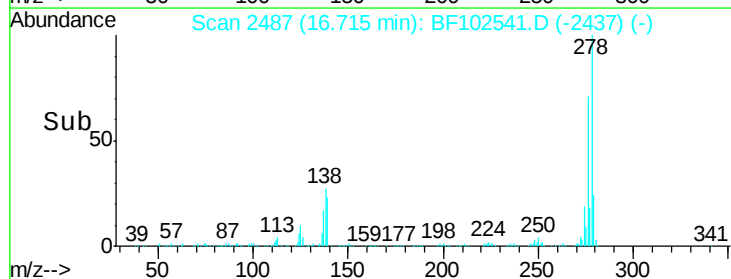
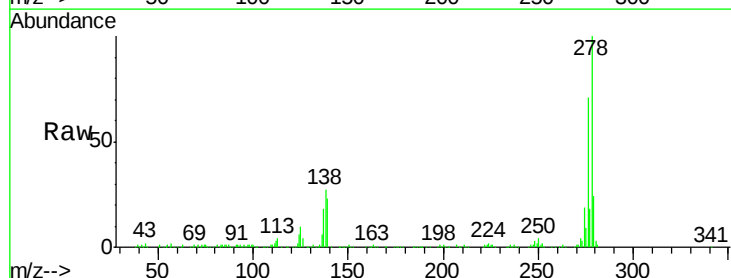
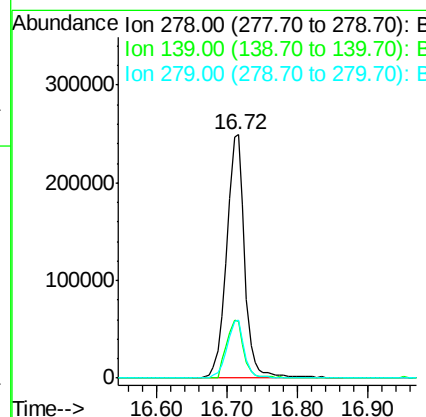
RT: 16.72 min Scan# 2487

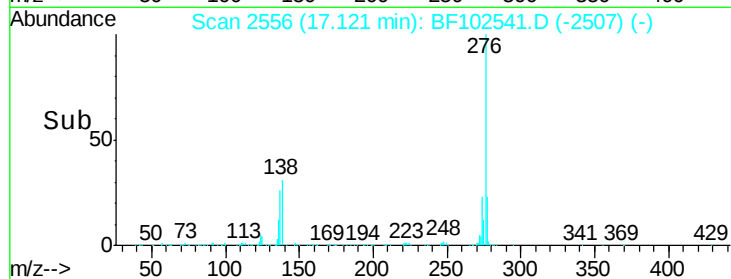
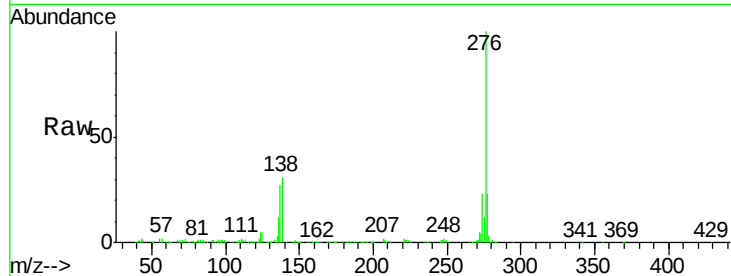
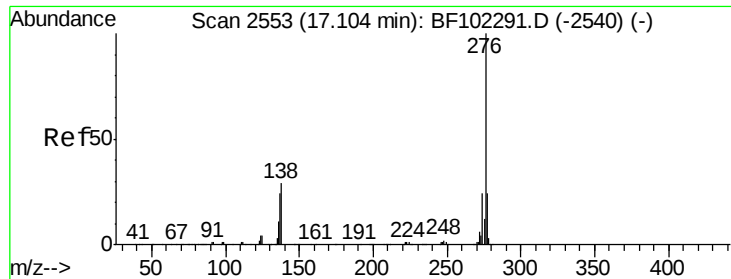
Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Tgt Ion:	278	Resp:	444884
Ion Ratio	Lower	Upper	
278	100		
139	23.3	15.9	23.9
279	23.9	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 36.131 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF102541.D

Acq: 28 Jan 2018 6:08

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tgt Ion:	276	Resp:	424917
Ion Ratio		Lower	Upper
276	100		
277	23.3	17.9	26.9
138	31.2	21.8	32.8

Manual Integrations
APPROVED

Sohil

1/29/2018 5:45:06 PM

