

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102601.D
 Acq On : 29 Jan 2018 17:13
 Operator : SJ/JU
 Sample : PB106132BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:38:10 PM

Quant Time: Jan 30 01:29:58 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	150177	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	628198	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	281828	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	488699	20.00	ng	0.00
75) Chrysene-d12	13.89	240	375985	20.00	ng	0.00
86) Perylene-d12	15.32	264	313053	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1101580	111.22	ng	0.02
7) Phenol-d6	6.37	99	1307137	109.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	825314	75.50	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	264440	94.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1447703	75.53	ng	0.00
78) Terphenyl-d14	12.83	244	1356271	81.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	173011	36.765	ng	96
3) Pyridine	3.16	79	458997	37.323	ng	96
4) n-Nitrosodimethylamine	3.12	42	221771	45.998	ng	99
6) Aniline	6.38	93	244057	15.453	ng	# 1
8) 2-Chlorophenol	6.50	128	417595	40.221	ng	98
9) Benzaldehyde	6.26	77	179243	23.751	ng	98
10) Phenol	6.39	94	486099	37.289	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	392838	39.622	ng	98
12) 1,3-Dichlorobenzene	6.66	146	436224	35.328	ng	98
13) 1,4-Dichlorobenzene	6.73	146	443187	35.830	ng	99
14) 1,2-Dichlorobenzene	6.89	146	405370	35.829	ng	98
15) Benzyl Alcohol	6.87	79	314065	37.278	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	605528	36.414	ng	# 43
17) 2-Methylphenol	6.99	107	335533	37.211	ng	# 90
18) Hexachloroethane	7.22	117	157116	36.452	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	277658	37.997	ng	97
20) 3+4-Methylphenols	7.15	107	448496	42.291	ng	94
22) Acetophenone	7.13	105	574567	38.368	ng	98
24) Nitrobenzene	7.30	77	427505	38.215	ng	98
25) Isophorone	7.55	82	768839	39.452	ng	99
26) 2-Nitrophenol	7.62	139	237086	40.267	ng	93
27) 2,4-Dimethylphenol	7.66	122	377909	44.203	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	499023	41.452	ng	99
29) 2,4-Dichlorophenol	7.87	162	347982	39.958	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	331550	35.516	ng	98
31) Naphthalene	8.02	128	1168146	37.244	ng	100
32) Benzoic acid	7.82	122	234072	32.678	ng	96
33) 4-Chloroaniline	8.08	127	113963	8.641	ng	98
34) Hexachlorobutadiene	8.13	225	166583	33.411	ng	96
35) Caprolactam	8.46	113	122759m	42.682	ng	
36) 4-Chloro-3-methylphenol	8.57	107	370386	40.349	ng	99
37) 2-Methylnaphthalene	8.72	142	795070	38.063	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	303472	35.791	ng	99
40) Hexachlorocyclopentadiene	8.86	237	182544	48.106	ng	98

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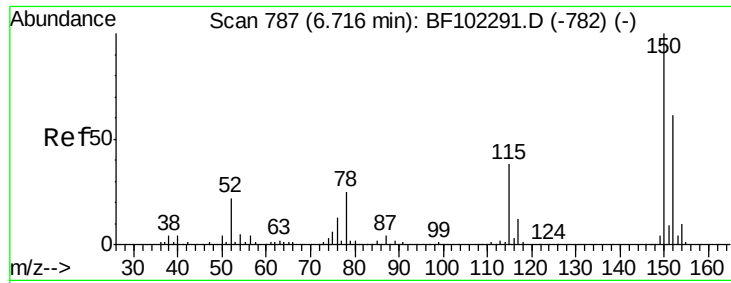
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	216188	38.087	ng	100
43) 2,4,5-Trichlorophenol	9.05	196	227138	35.541	ng	98
45) 1,1'-Biphenyl	9.17	154	921703	36.576	ng	98
46) 2-Chloronaphthalene	9.20	162	714770	36.491	ng	98
47) 2-Nitroaniline	9.31	65	241665	39.573	ng	98
48) Acenaphthylene	9.62	152	1090465	35.734	ng	99
49) Dimethylphthalate	9.48	163	831489	35.694	ng	99
50) 2,6-Dinitrotoluene	9.55	165	188057	37.444	ng	96
51) Acenaphthene	9.79	154	640565	35.942	ng	99
52) 3-Nitroaniline	9.72	138	103337	17.393	ng	91
53) 2,4-Dinitrophenol	9.84	184	156600	69.979	ng	# 20
54) Dibenzofuran	9.96	168	920256	38.153	ng	98
55) 4-Nitrophenol	9.91	139	215848	55.036	ng	90
56) 2,4-Dinitrotoluene	9.96	165	227640	36.858	ng	# 90
57) Fluorene	10.30	166	755114	39.508	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	172821	37.874	ng	95
59) Diethylphthalate	10.17	149	810773	35.816	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	318766	38.468	ng	97
61) 4-Nitroaniline	10.34	138	200751	33.861	ng	92
62) Azobenzene	10.46	77	795732	38.394	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	107092	32.846	ng	88
65) n-Nitrosodiphenylamine	10.42	169	688199	38.367	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	196383	37.329	ng	97
67) Hexachlorobenzene	10.85	284	203850	34.647	ng	99
68) Atrazine	10.95	200	210692	39.771	ng	99
69) Pentachlorophenol	11.06	266	164877	53.345	ng	99
70) Phenanthrene	11.27	178	1058843	37.182	ng	99
71) Anthracene	11.32	178	1116426	38.409	ng	99
72) Carbazole	11.48	167	1065625	37.579	ng	99
73) Di-n-butylphthalate	11.80	149	1297082	36.594	ng	99
74) Fluoranthene	12.46	202	1097259	37.784	ng	100
76) Benzidine	12.58	184	344941	27.310	ng	98
77) Pyrene	12.69	202	1127685	38.792	ng	100
79) Butylbenzylphthalate	13.30	149	559913	38.704	ng	98
80) Benzo(a)anthracene	13.87	228	936504	40.457	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	200987	23.669	ng	95
82) Chrysene	13.92	228	887624	37.760	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	731598	37.630	ng	# 97
84) Di-n-octyl phthalate	14.46	149	1135561	35.916	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.73	276	662170	34.109	ng	97
87) Benzo(b)fluoranthene	14.91	252	787861	38.829	ng	98
88) Benzo(k)fluoranthene	14.94	252	728810	38.018	ng	98
89) Benzo(a)pyrene	15.26	252	713500	38.989	ng	98
90) Dibenzo(a,h)anthracene	16.74	278	549165	37.046	ng	97
91) Benzo(g,h,i)perylene	17.16	276	575699	39.332	ng	97

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



#1

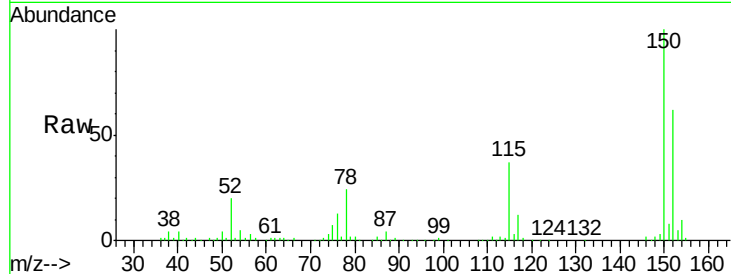
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

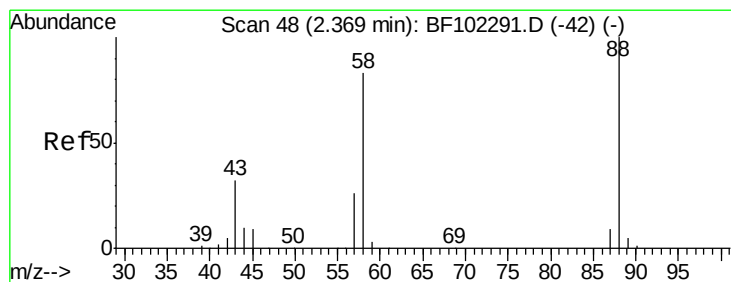
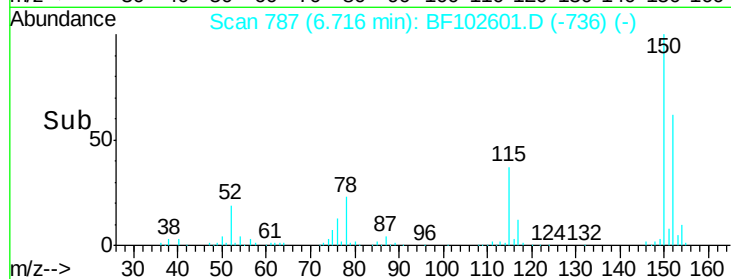
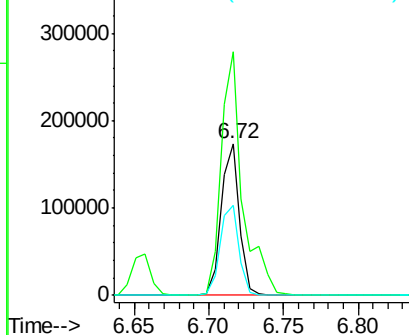
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	59.7	50.1	75.1

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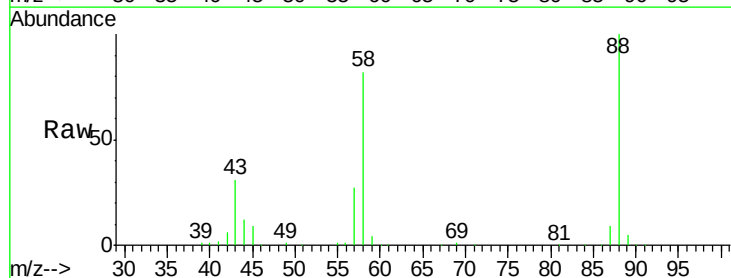
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



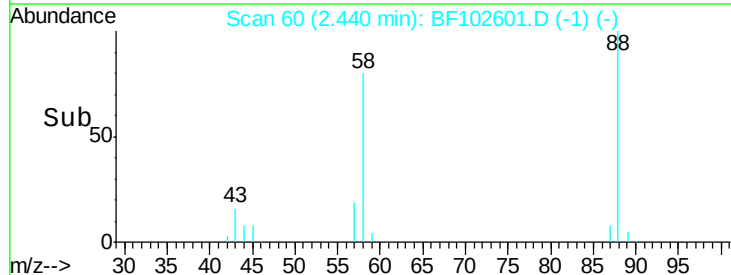
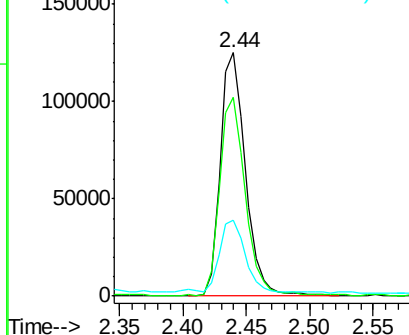
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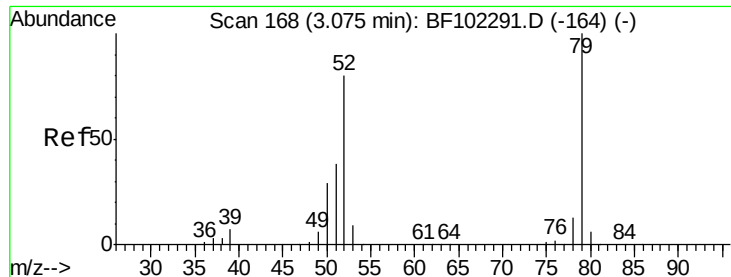
1,4-Dioxane
Concen: 36.765 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.08 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	29.9	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 37.323 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.09 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

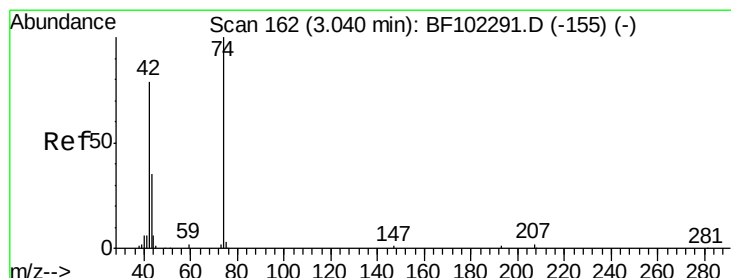
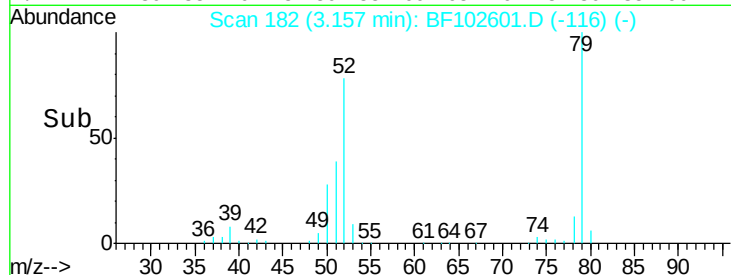
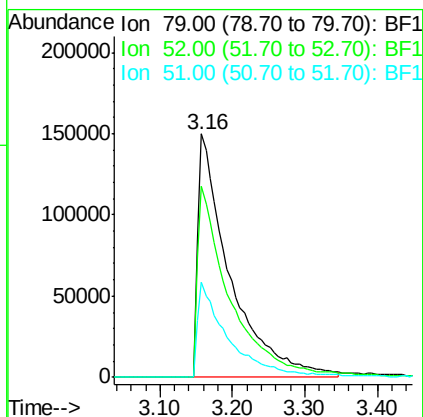
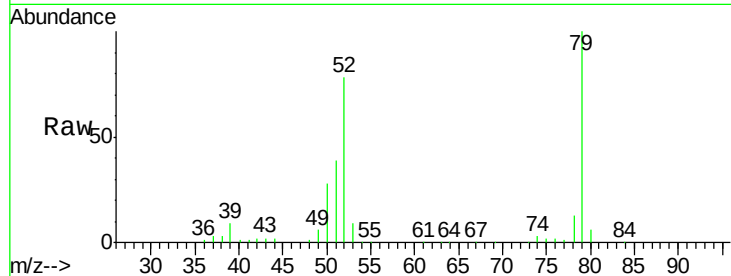
ClientSampleId :

PB106132BS

Tgt Ion:	79	Resp:	458997
Ion	Ratio	Lower	Upper
79	100		
52	78.3	59.8	89.6
51	38.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 45.998 ng

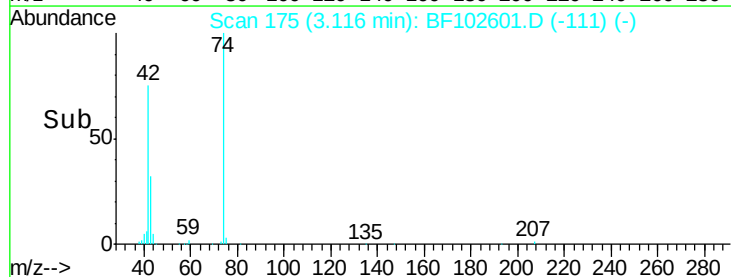
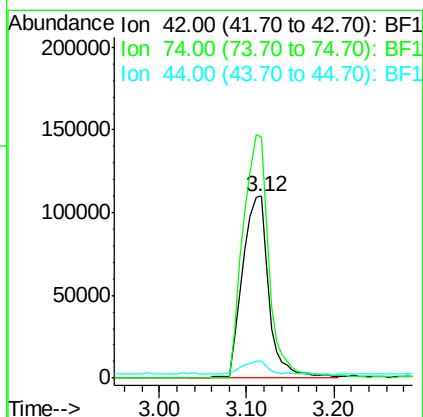
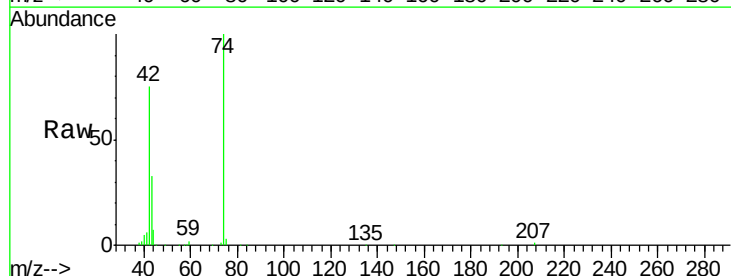
RT: 3.12 min Scan# 175

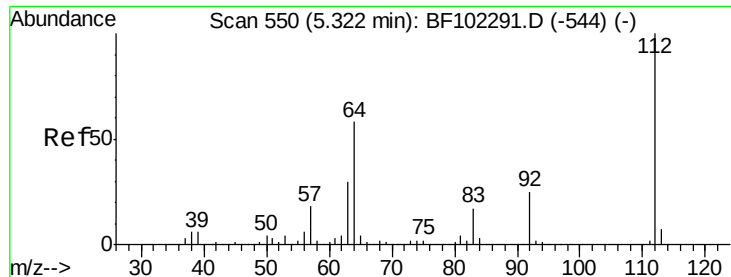
Delta R.T. 0.08 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:	42	Resp:	221771
Ion	Ratio	Lower	Upper
42	100		
74	132.7	104.9	157.3
44	9.5	6.9	10.3





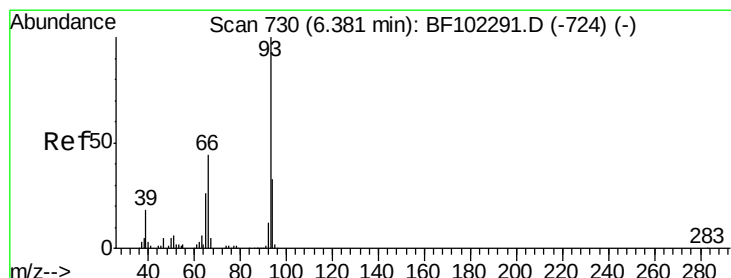
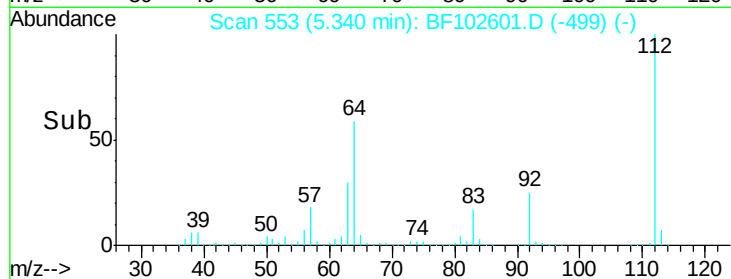
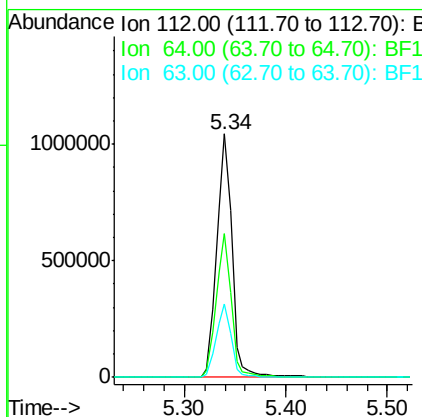
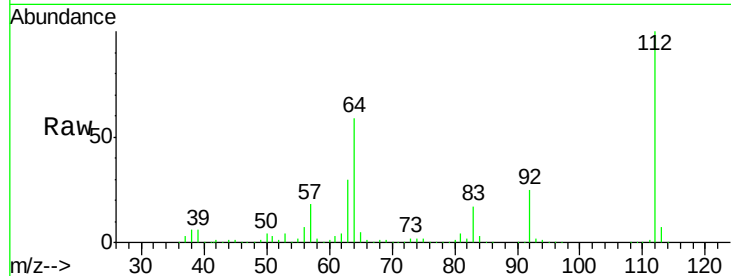
#5
 2-Fluorophenol
 Concen: 111.221 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampled :
 PB106132BS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.1	23.7	35.5

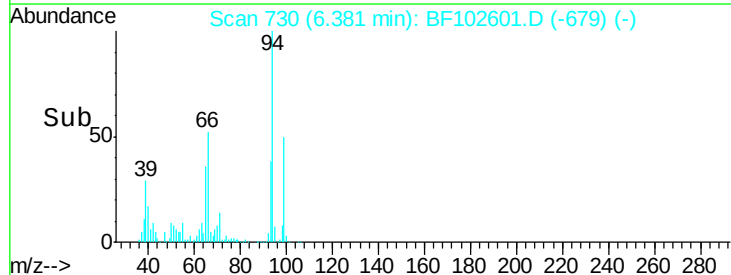
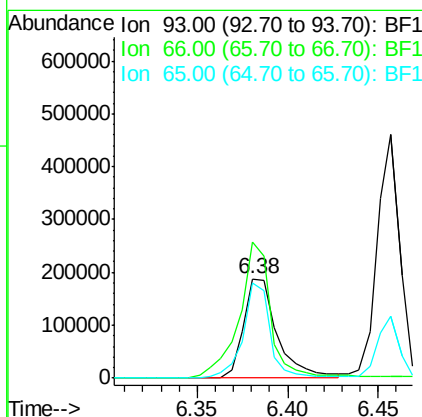
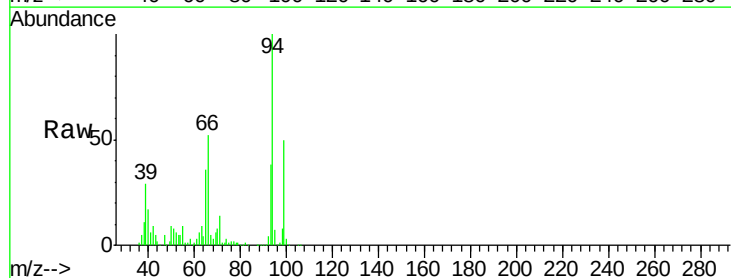
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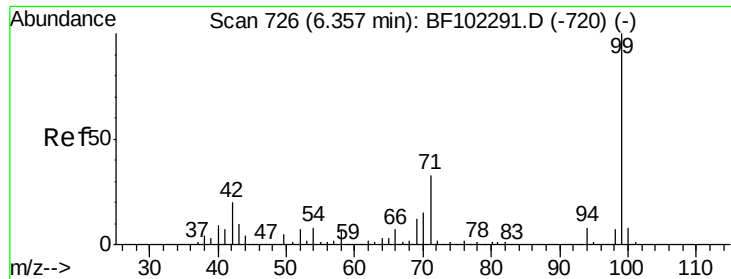
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#6
 Aniline
 Concen: 15.453 ng
 RT: 6.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
93	100		
66	136.8	32.2	48.2#
65	95.2	16.4	24.6#





#7

Phenol-d6

Concen: 109.469 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampled :

PB106132BS

Tgt Ion: 99 Resp: 1307137

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

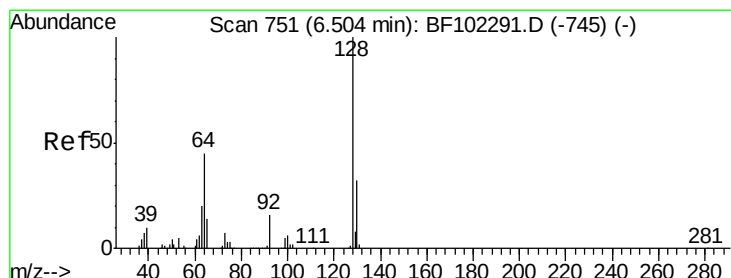
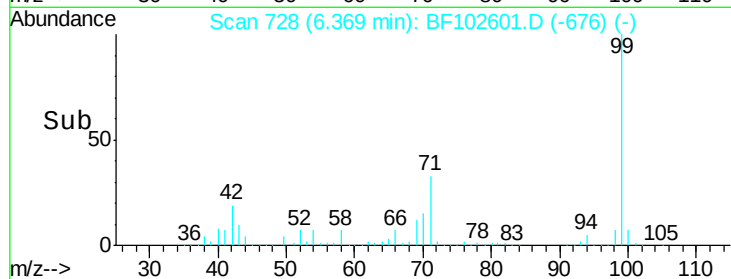
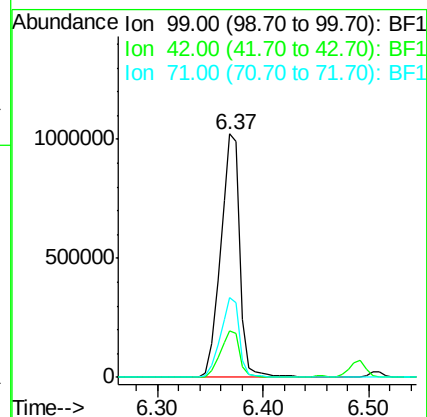
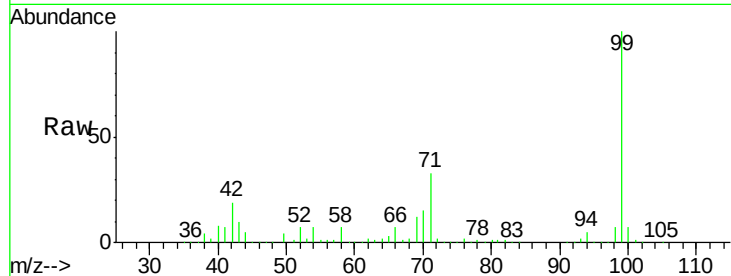
71 32.5 25.4 38.0

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#8

2-Chlorophenol

Concen: 40.221 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

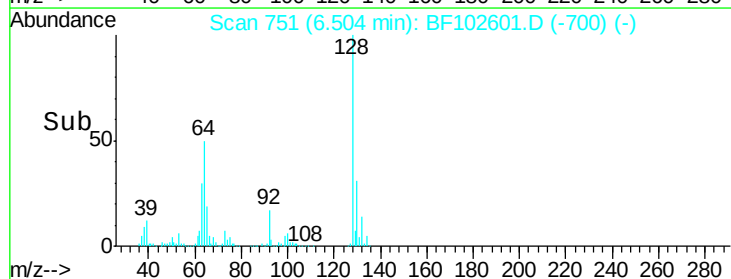
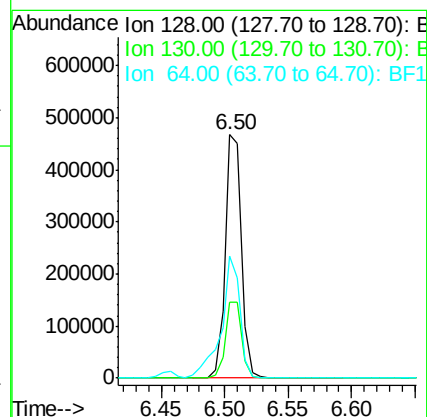
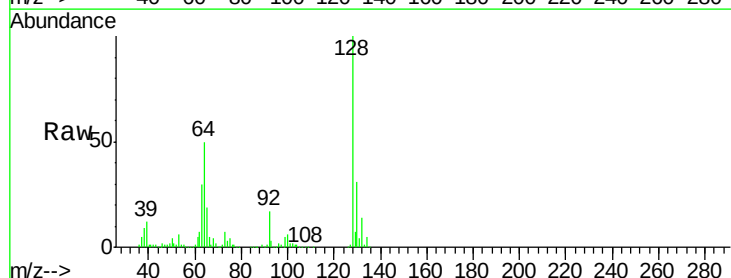
Tgt Ion: 128 Resp: 417595

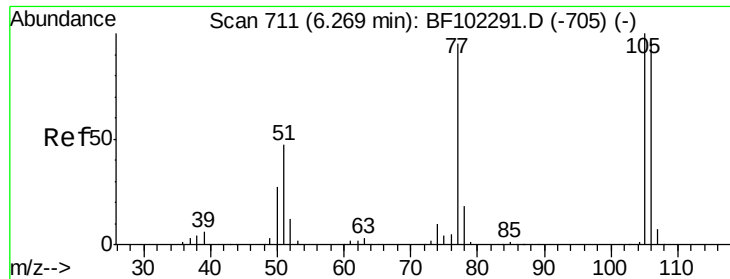
Ion Ratio Lower Upper

128 100

130 31.0 13.0 53.0

64 50.1 29.4 69.4





#9

Benzaldehyde

Concen: 23.751 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

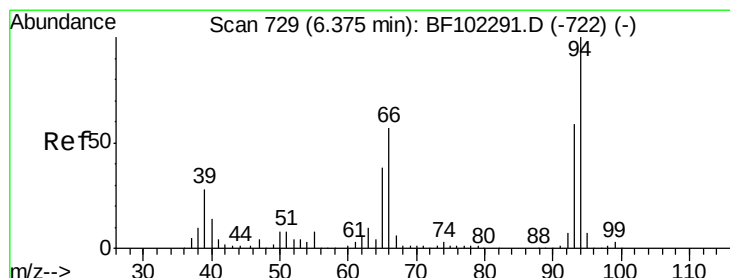
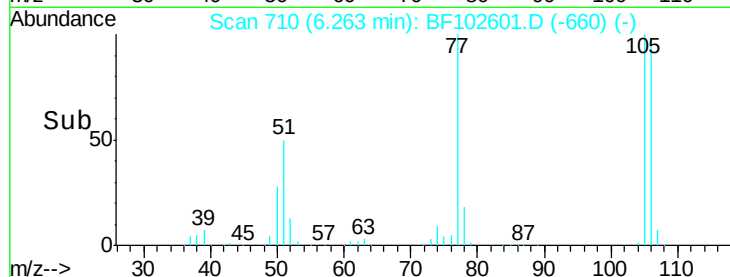
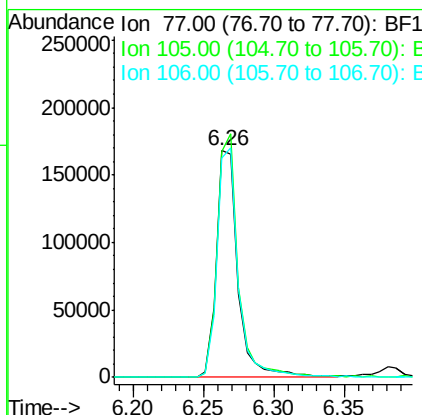
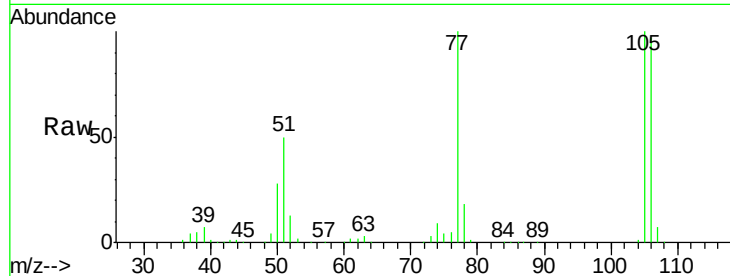
ClientSampleId :

PB106132BS

Tgt Ion:	77	Resp:	179243
Ion	Ratio	Lower	Upper
77	100		
105	99.8	81.1	121.1
106	97.1	74.5	114.5

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#10

Phenol

Concen: 37.289 ng

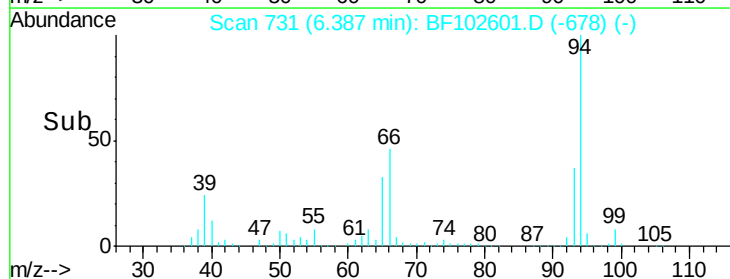
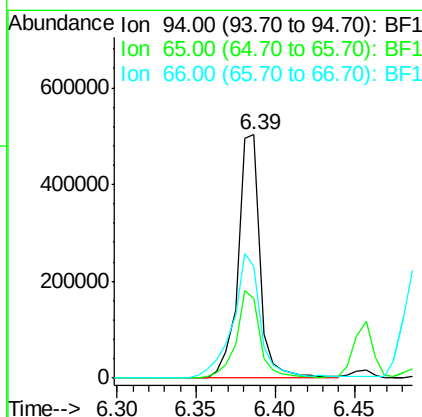
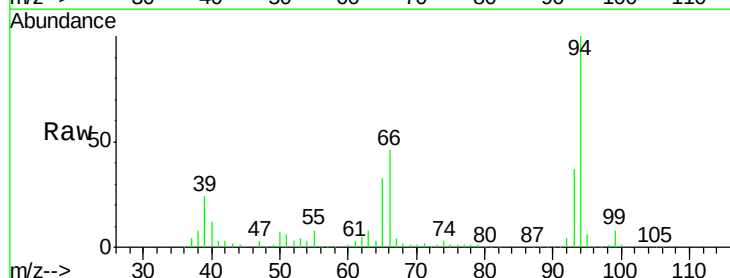
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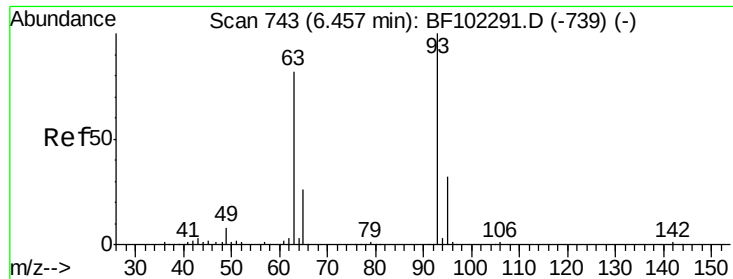
Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:	94	Resp:	486099
Ion	Ratio	Lower	Upper
94	100		
65	32.7	7.9	47.9
66	46.0	16.2	56.2





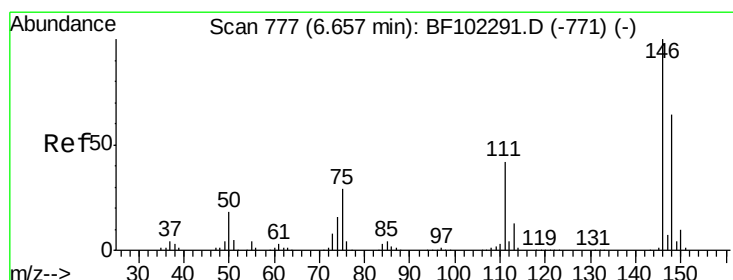
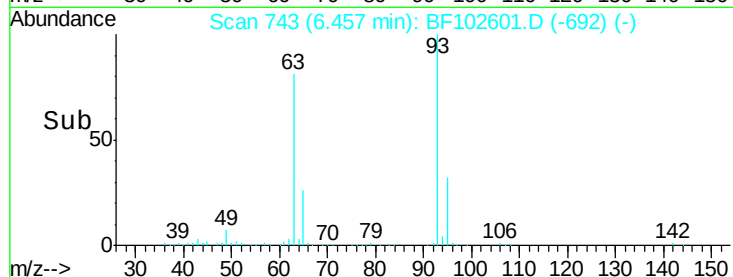
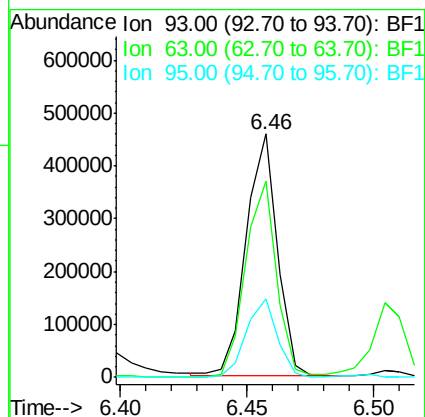
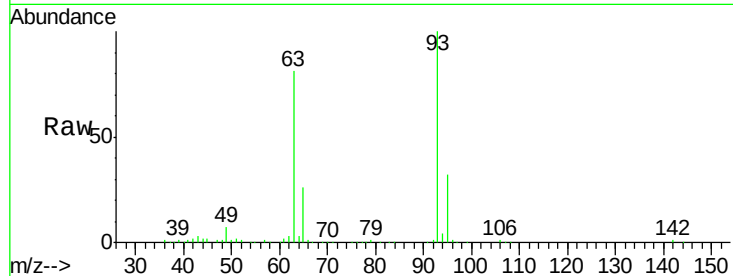
#11
bis(2-Chloroethyl)ether
Concen: 39.622 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.6	98.6
95	32.5	11.8	51.8

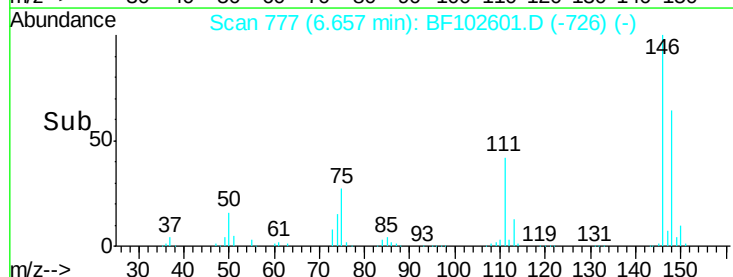
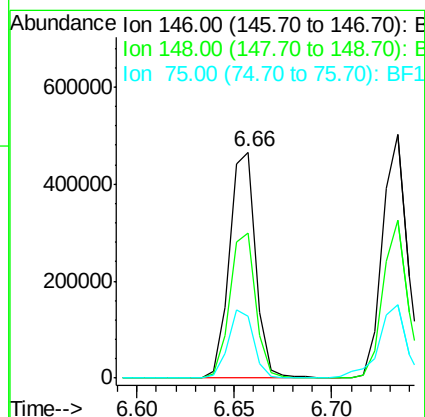
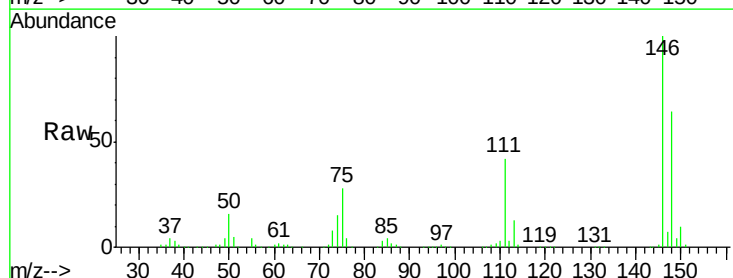
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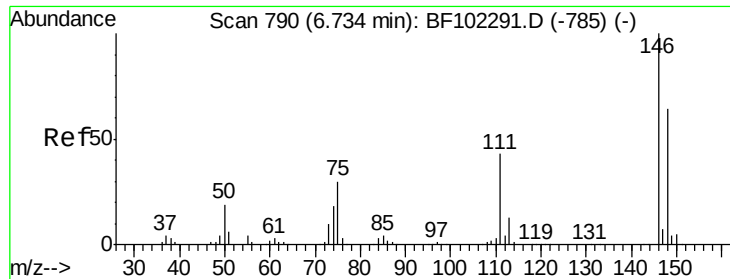
Sohil
1/30/2018 3:38:10 PM



#12
1,3-Dichlorobenzene
Concen: 35.328 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	27.5	24.2	36.4





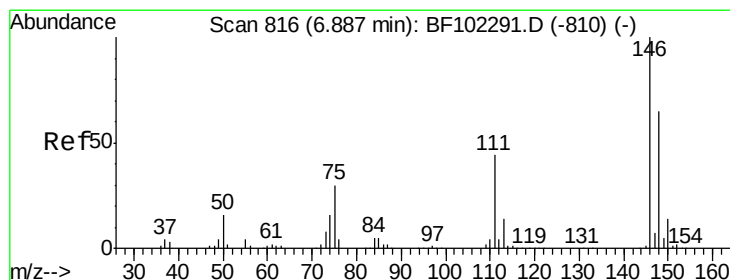
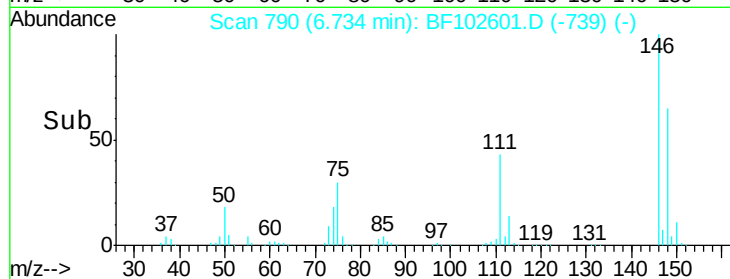
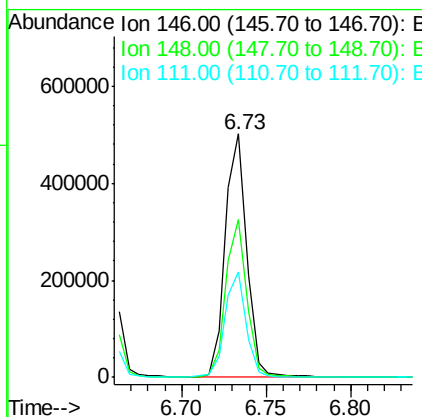
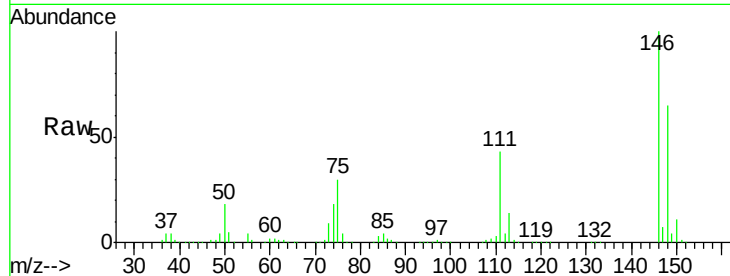
#13
 1,4-Dichlorobenzene
 Concen: 35.830 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	43.2	34.2	51.2

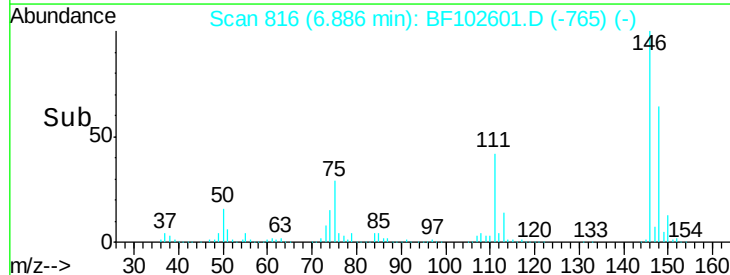
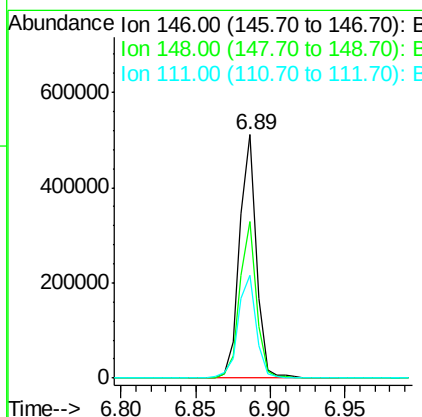
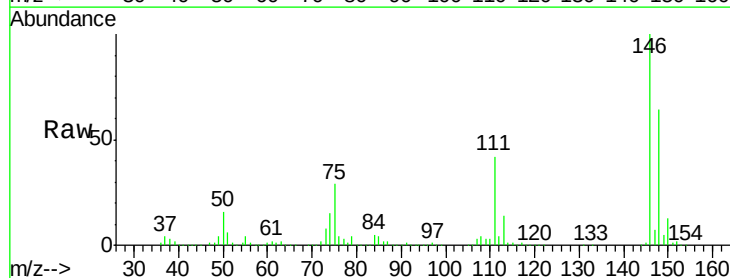
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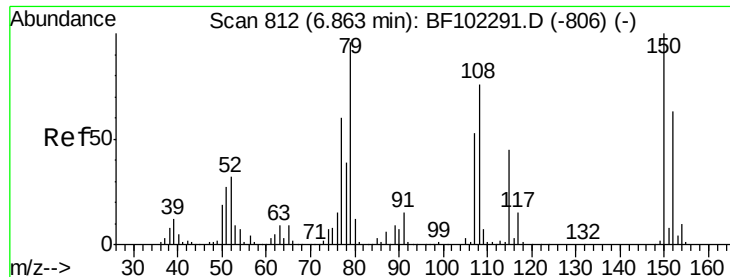
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.829 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.5	36.0	54.0





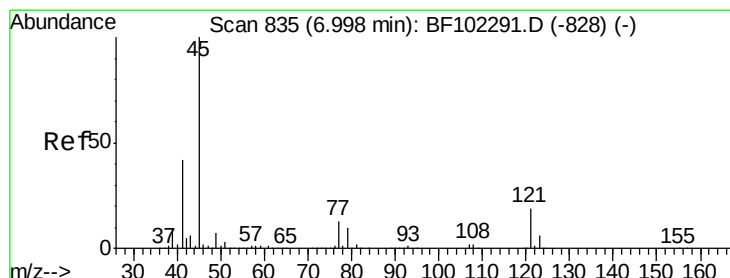
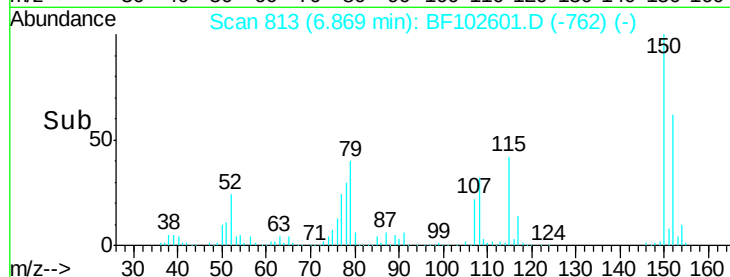
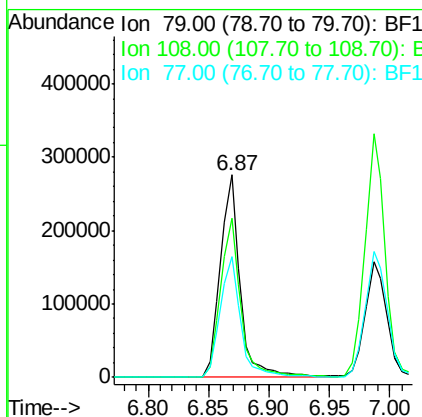
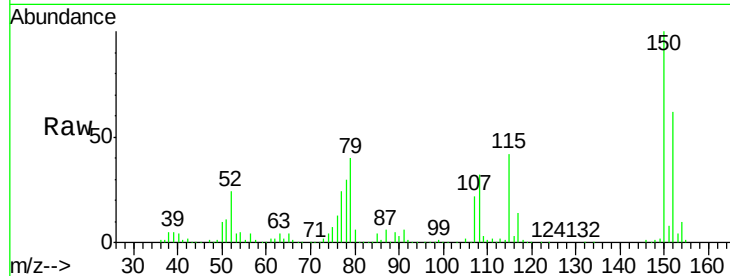
#15
Benzyl Alcohol
Concen: 37.278 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	314065		
108	79.0	65.1	97.7	
77	59.7	50.6	75.8	

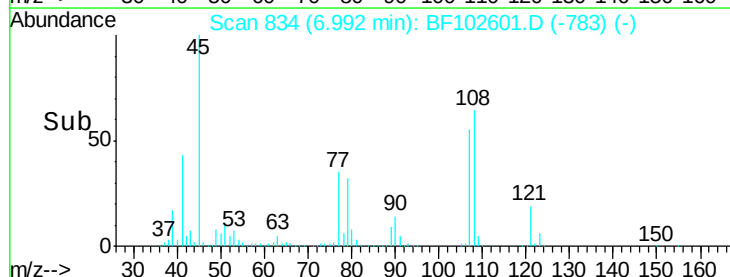
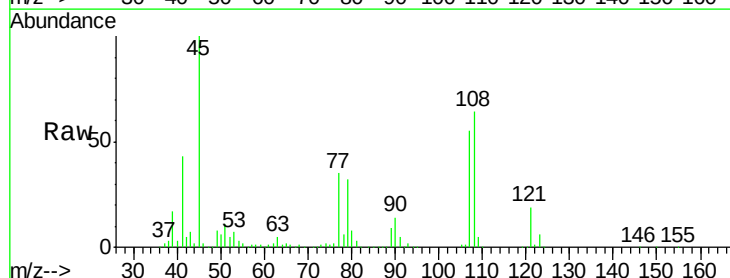
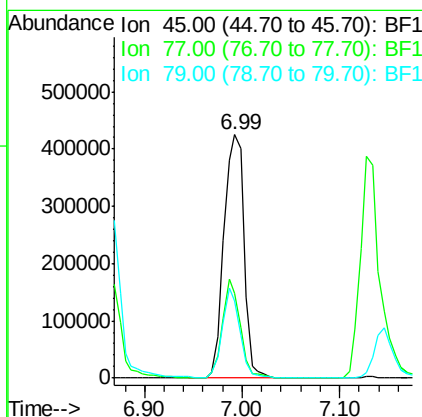
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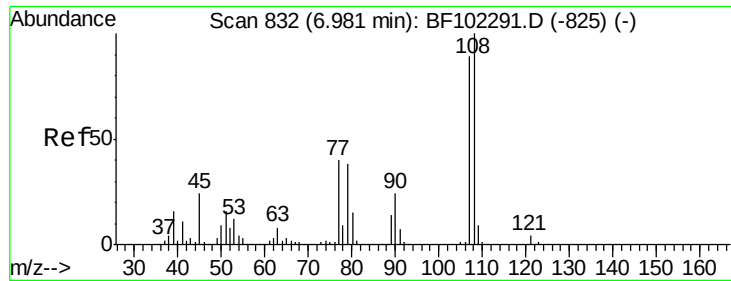
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.414 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	605528		
77	34.8	0.0	32.9#	
79	31.6	0.0	29.6#	





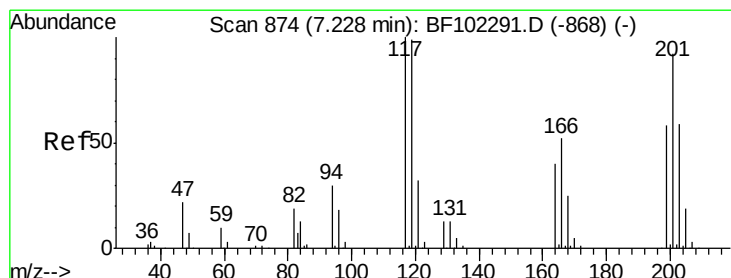
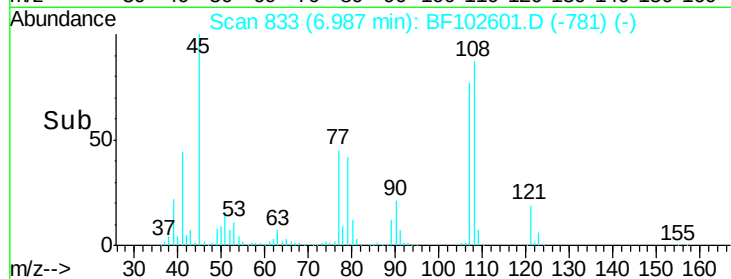
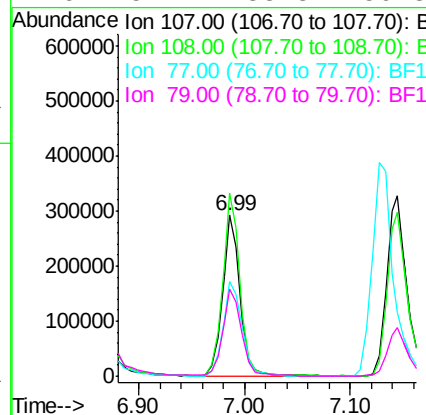
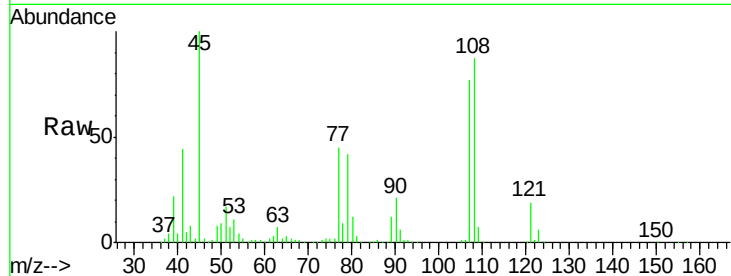
#17
2-Methylphenol
Concen: 37.211 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.7	137.5	
77	58.9	33.8	50.8#	
79	54.1	33.8	50.8#	

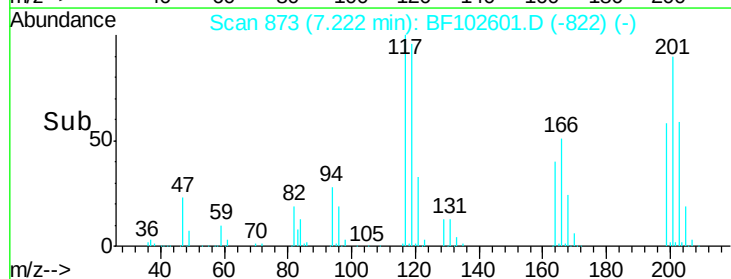
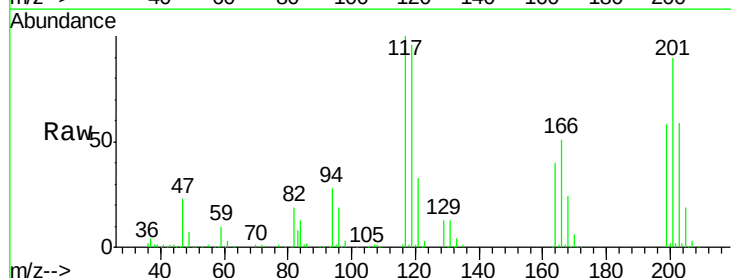
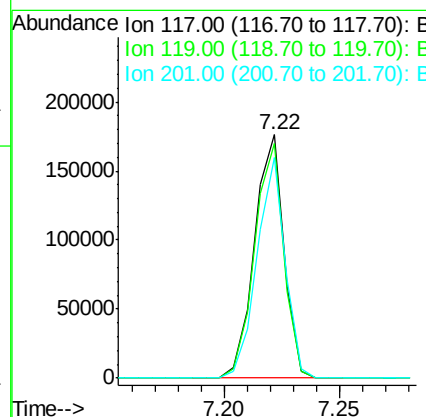
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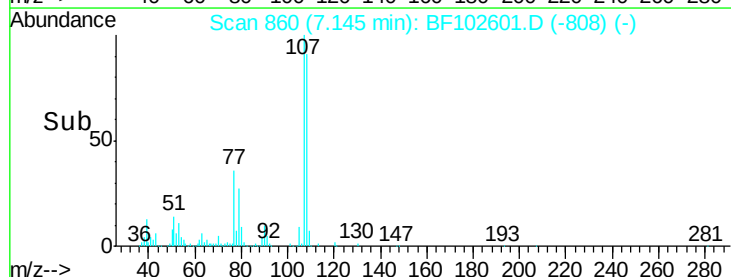
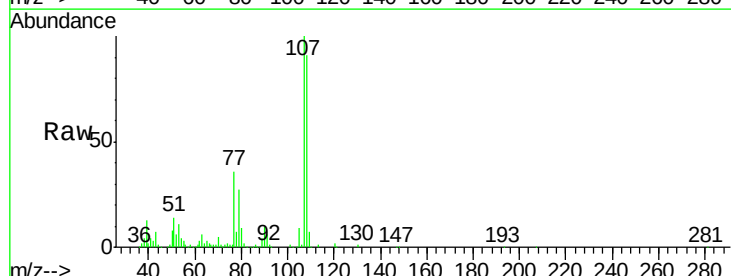
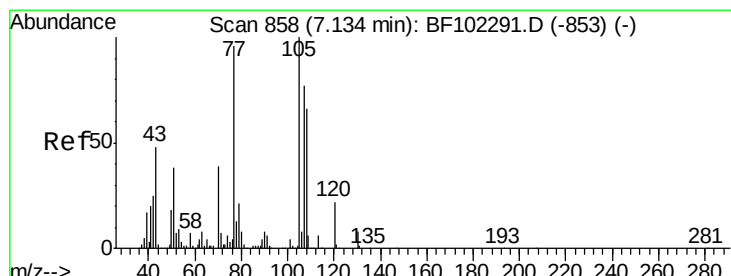
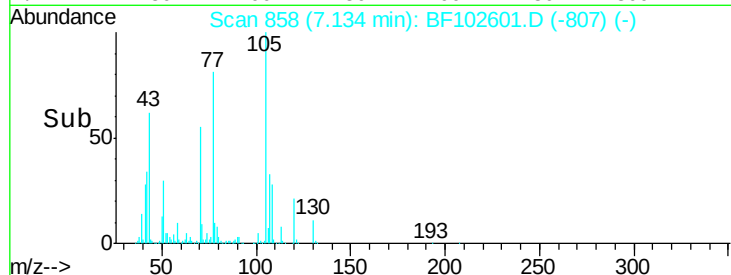
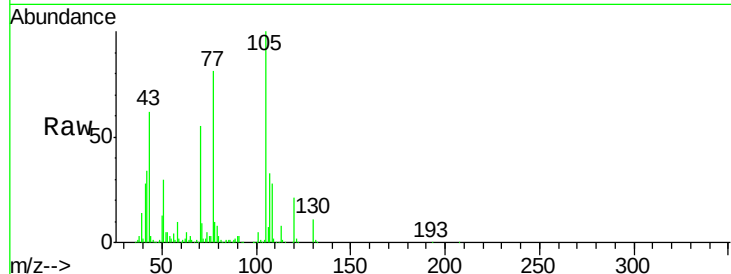
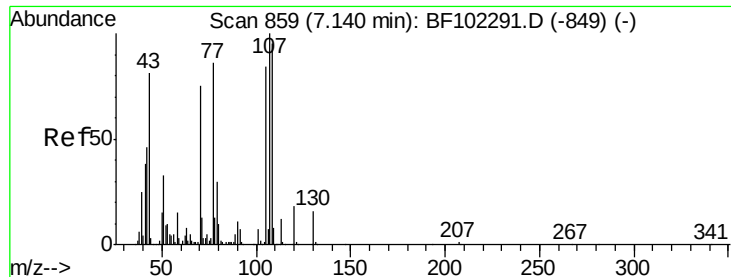
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#18
Hexachloroethane
Concen: 36.452 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

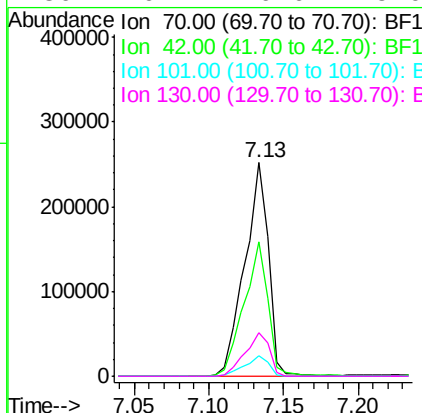
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.8	113.8	
201	90.5	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 37.997 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	277658		
42	62.8	47.5	71.3	
101	9.4	7.4	11.2	
130	20.4	16.6	25.0	



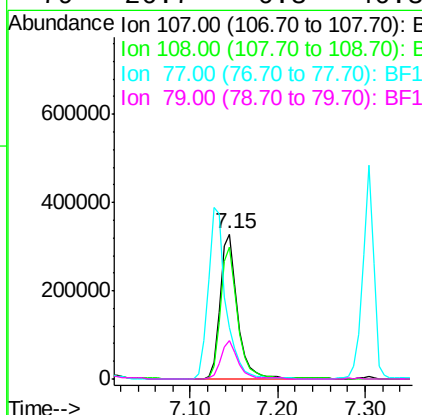
Instrument :
BNA_F
ClientSampleId :
PB106132BS

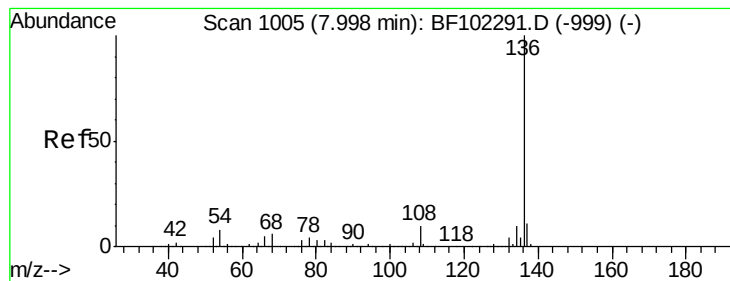
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#20
3+4-Methylphenols
Concen: 42.291 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	448496		
108	90.7	68.2	108.2	
77	35.7	26.7	66.7	
79	26.7	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: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

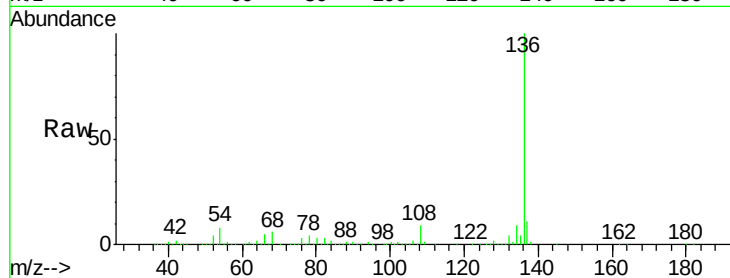
ClientSampleId :

PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	628198		
137	11.2	8.9	13.3	
54	8.4	6.6	9.8	
68	6.0	5.0	7.4	

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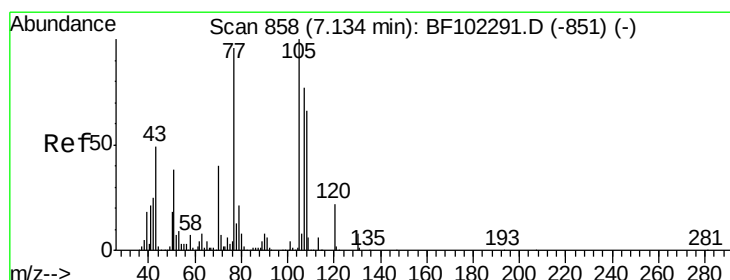
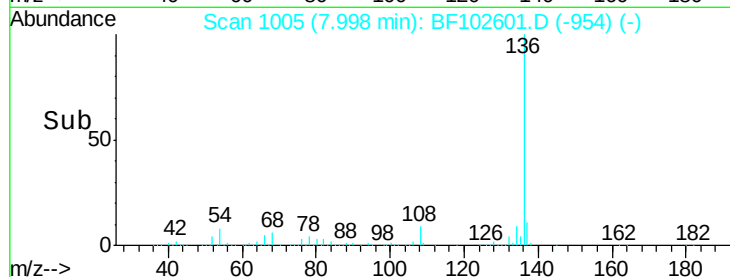
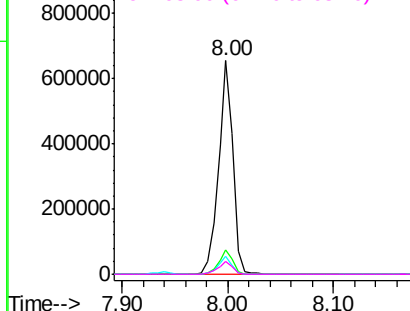


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.368 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

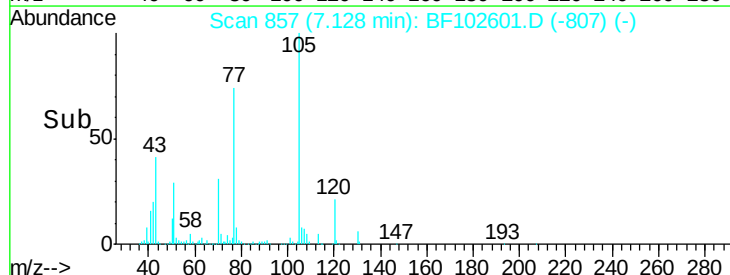
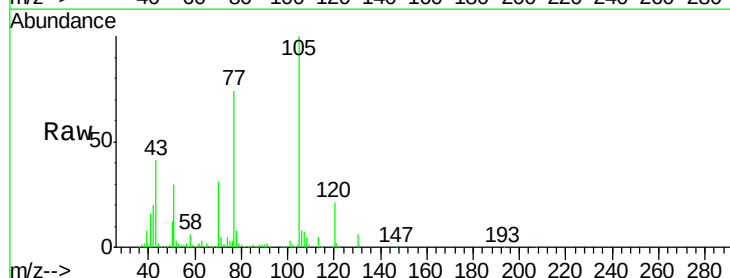
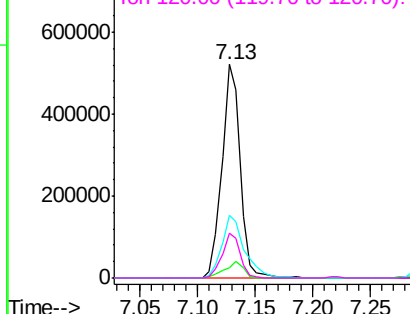
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	574567		
71	5.1	4.4	6.6	
51	29.5	22.3	33.5	
120	21.1	16.9	25.3	

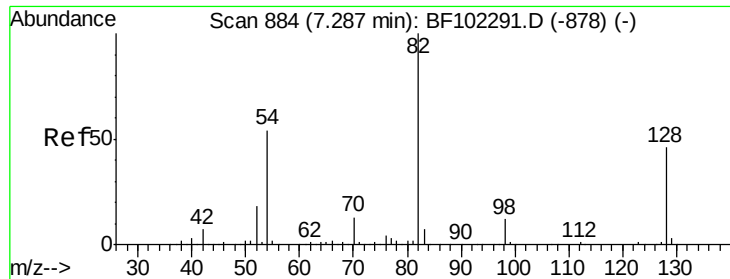
Abundance Ion 105.00 (104.70 to 105.70): E

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





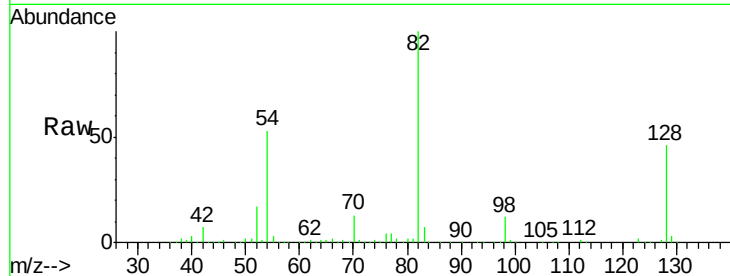
#23
 Nitrobenzene-d5
 Concen: 75.499 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampled :
 PB106132BS

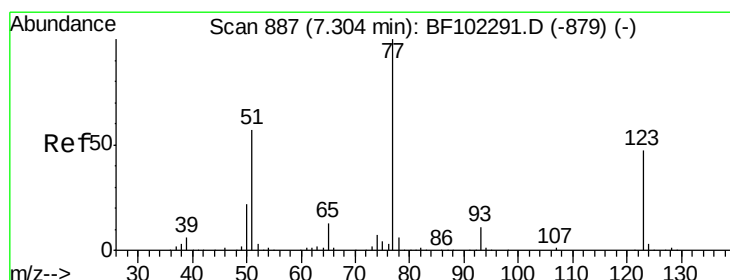
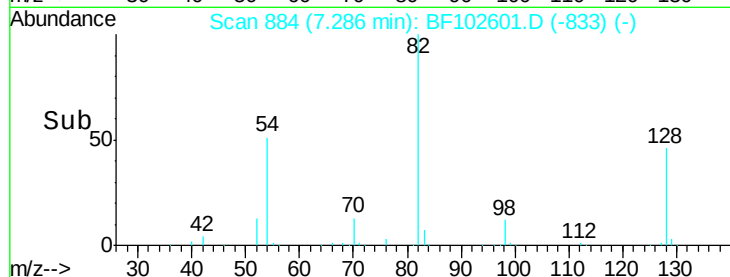
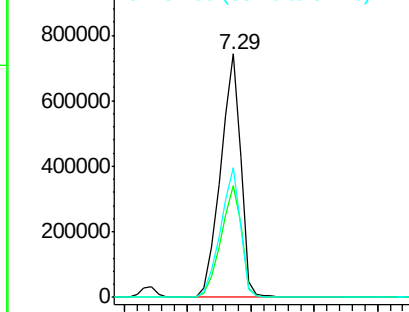
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	825314		
128	46.0	36.1	54.1	
54	53.1	41.4	62.2	

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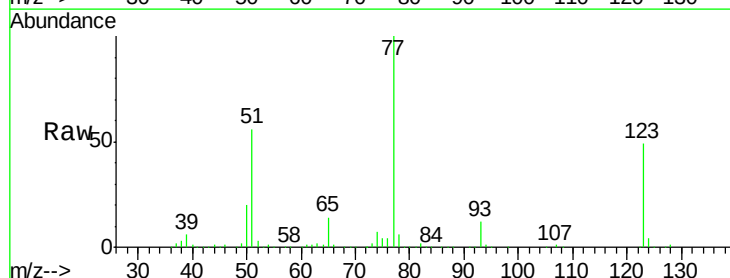


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

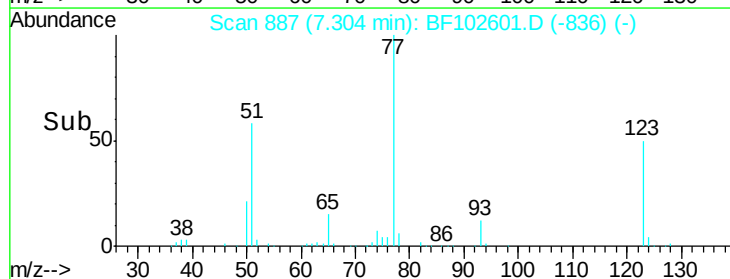
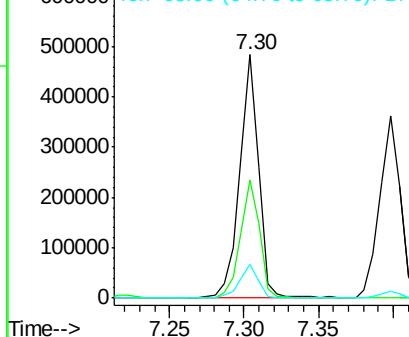


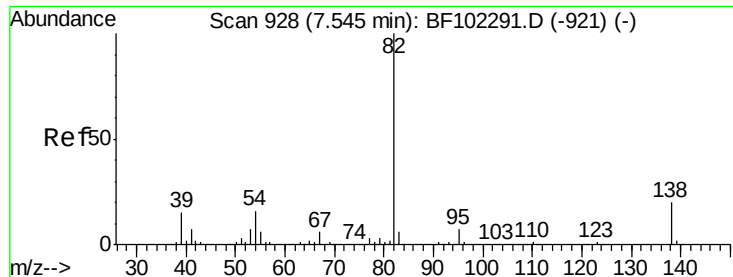
#24
 Nitrobenzene
 Concen: 38.215 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	427505		
123	48.8	37.9	56.9	
65	14.1	11.0	16.4	



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





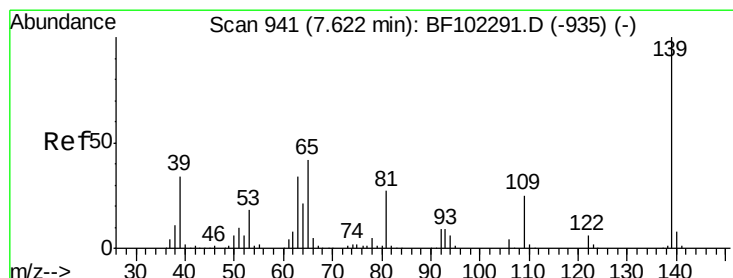
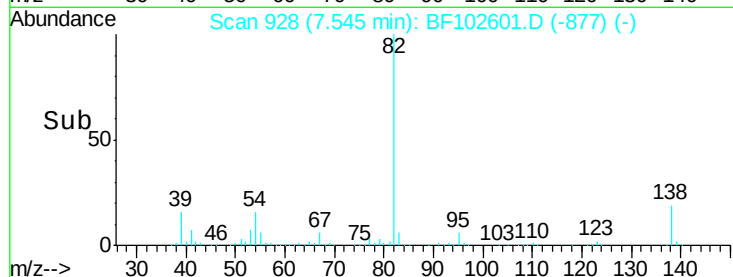
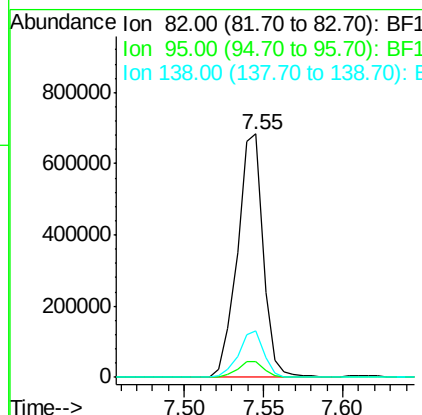
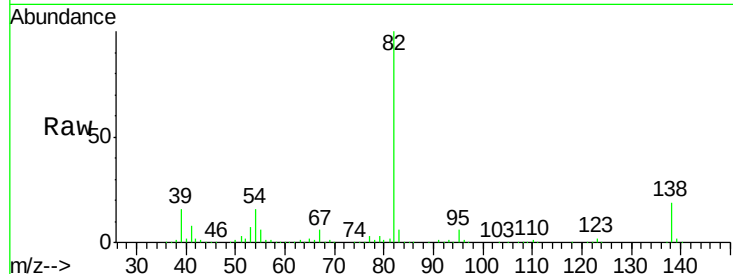
#25
Isophorone
Concen: 39.452 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	768839		
95	6.3	5.2	7.8	
138	19.3	14.9	22.3	

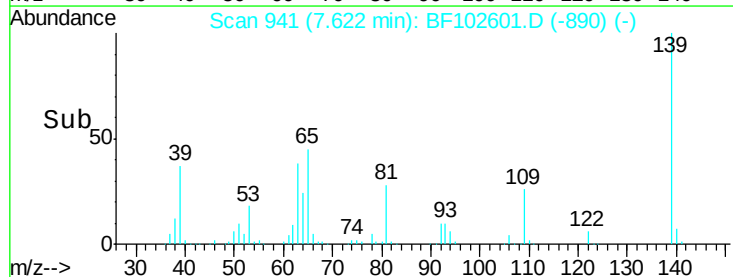
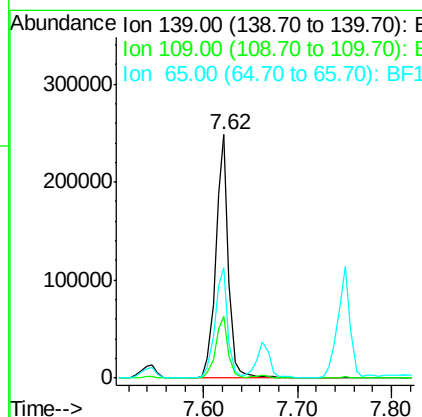
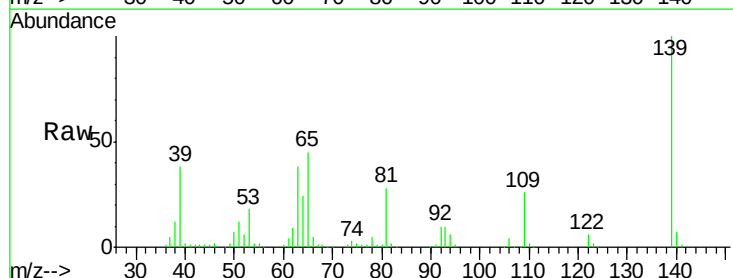
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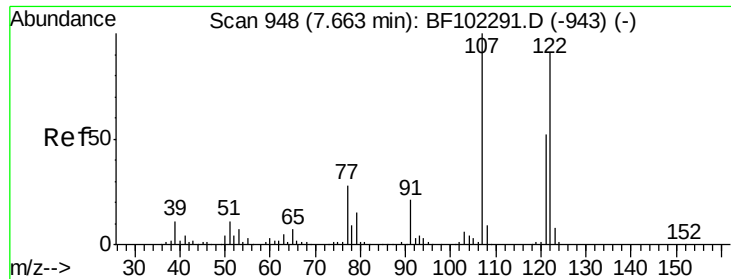
Sohil
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#26
2-Nitrophenol
Concen: 40.267 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	237086		
109	25.5	22.7	34.1	
65	45.5	40.5	60.7	





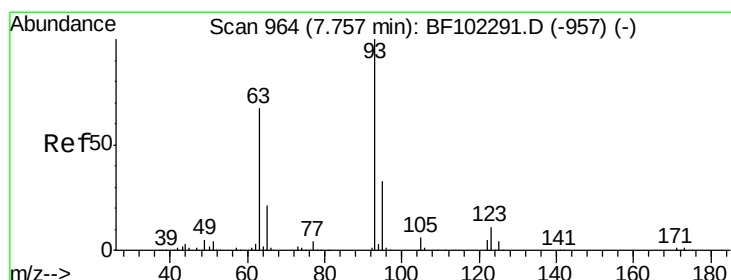
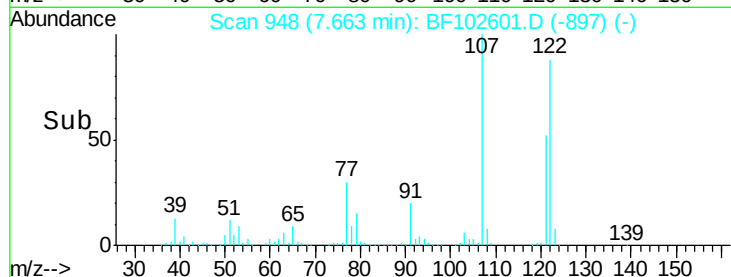
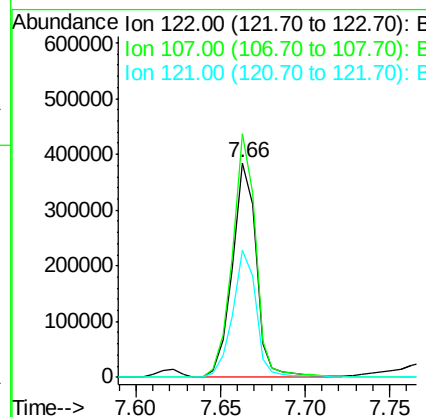
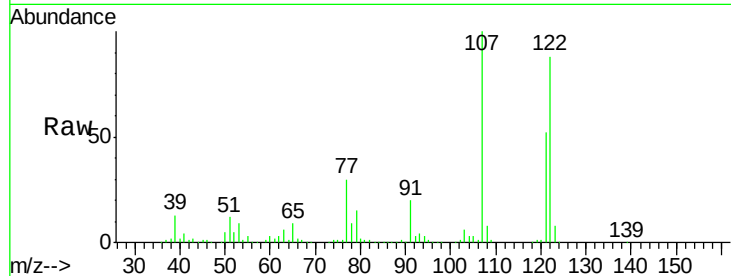
#27
2,4-Dimethylphenol
Concen: 44.203 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	377909		
107	113.5	91.2	136.8	
121	59.2	47.2	70.8	

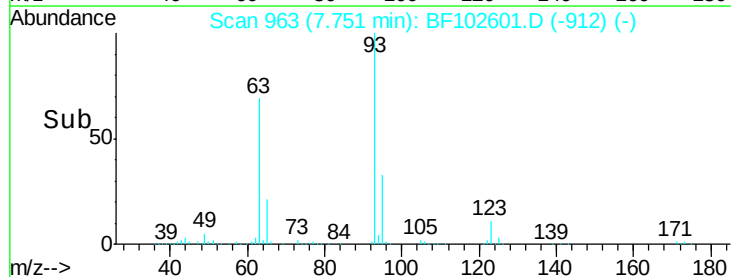
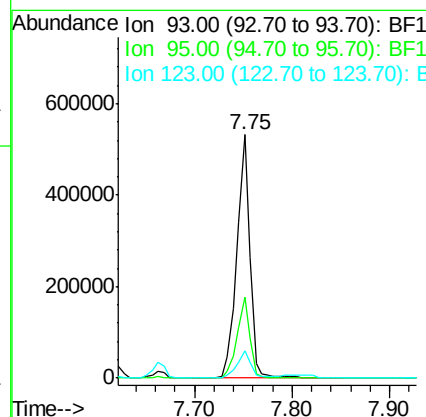
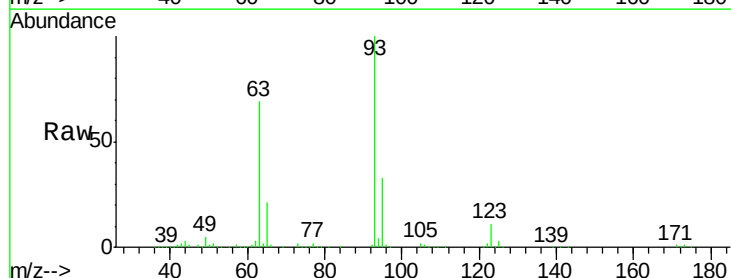
Manual Integrations
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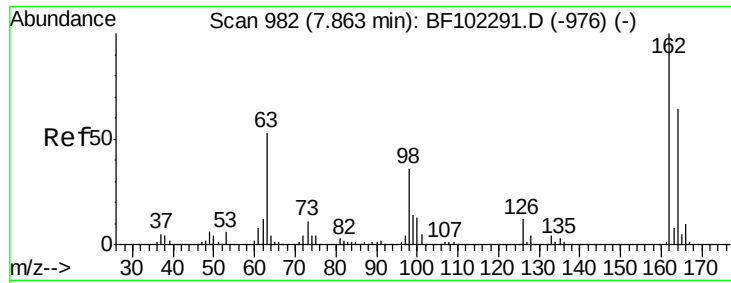
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.452 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	499023		
95	33.4	26.3	39.5	
123	11.3	9.8	14.6	





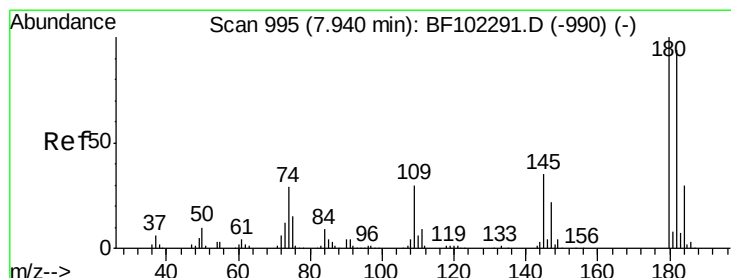
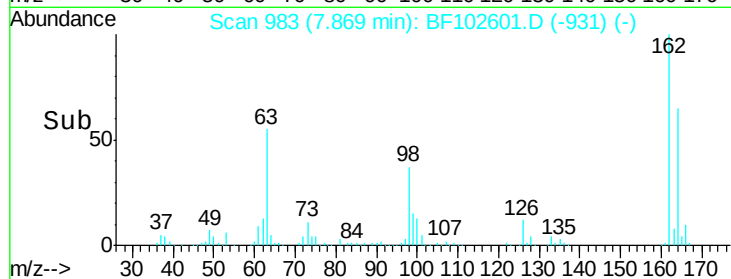
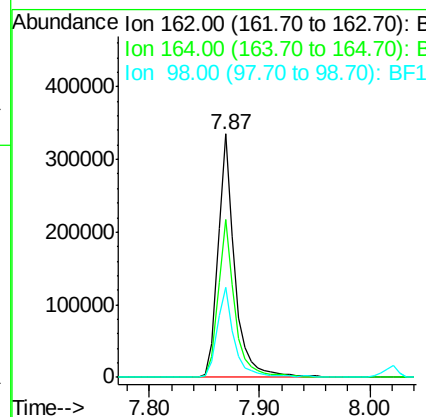
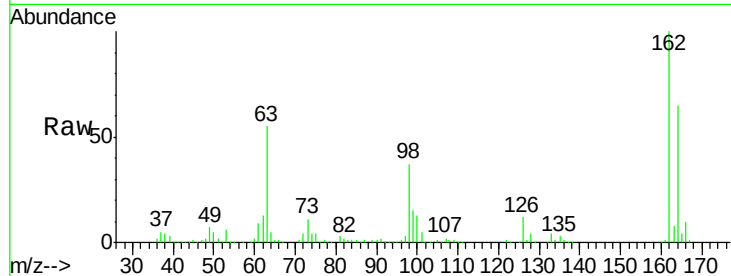
#29
2,4-Dichlorophenol
Concen: 39.958 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	347982		
164	65.0	42.7	82.7	
98	36.8	18.1	58.1	

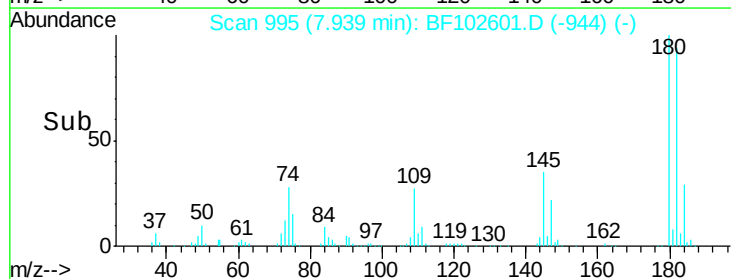
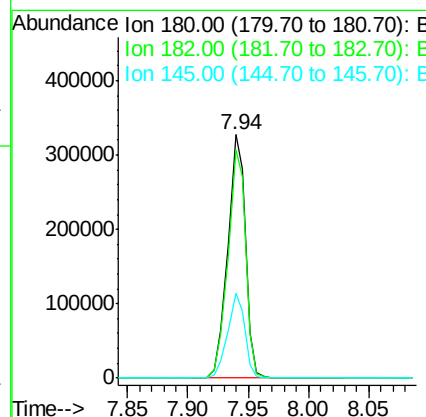
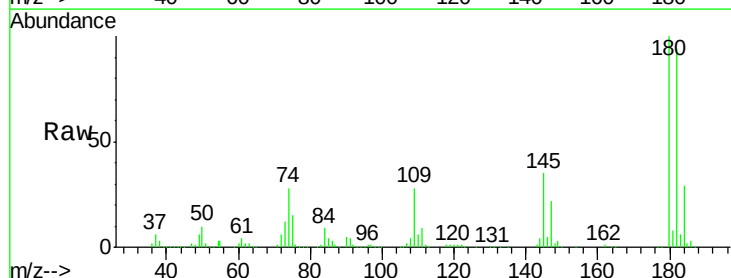
Manual Integrations
APPROVED

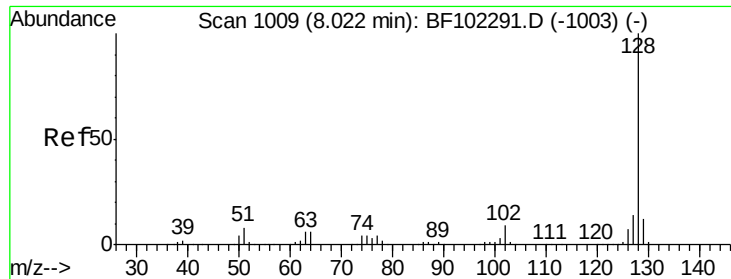
Sohil
1/30/2018 3:38:10 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.516 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	331550		
182	94.0	76.8	115.2	
145	34.8	26.5	39.7	





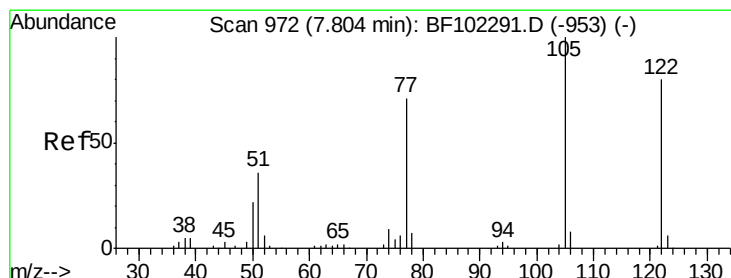
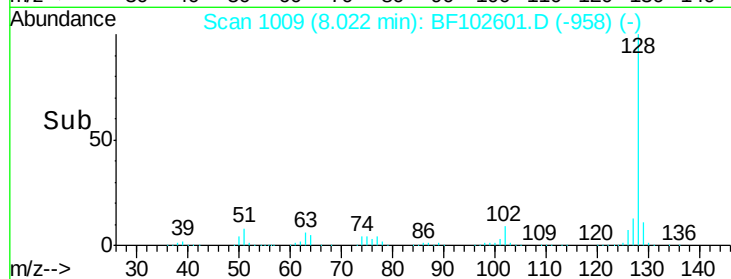
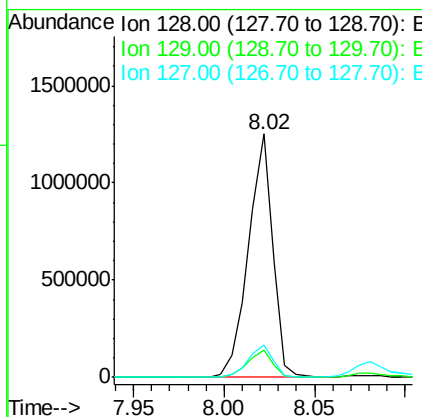
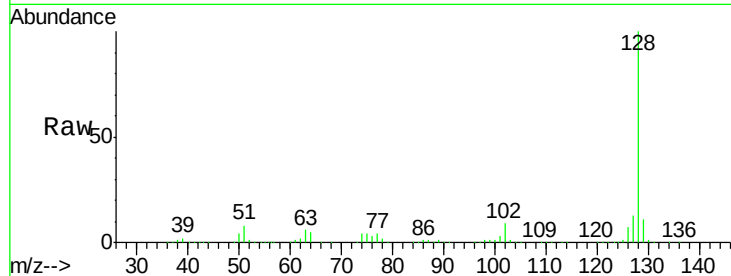
#31
Naphthalene
Concen: 37.244 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion:128 Resp: 1168146
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

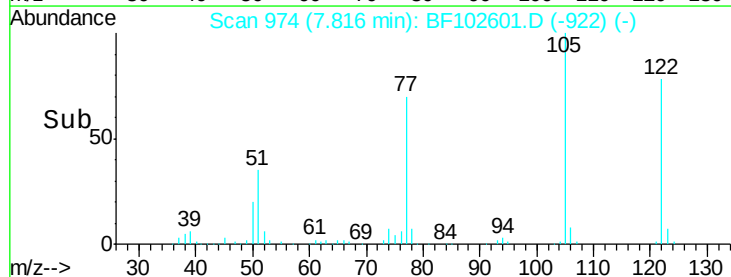
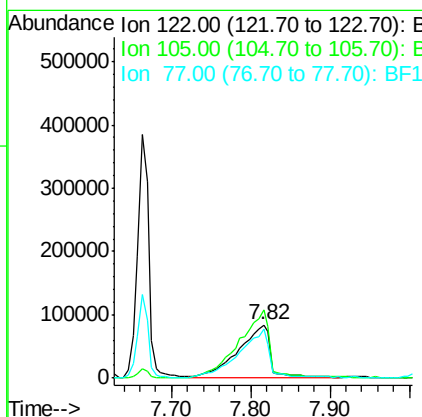
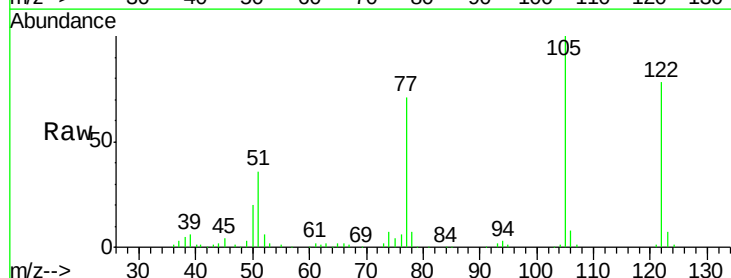
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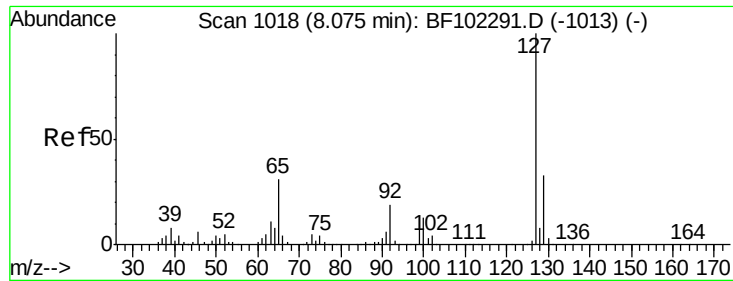
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#32
Benzoic acid
Concen: 32.678 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:122 Resp: 234072
Ion Ratio Lower Upper
122 100
105 128.4 101.1 141.1
77 91.1 70.7 110.7





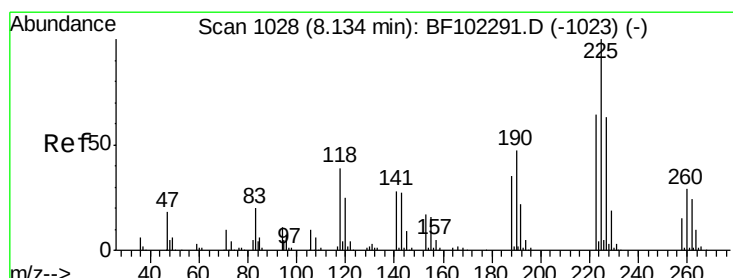
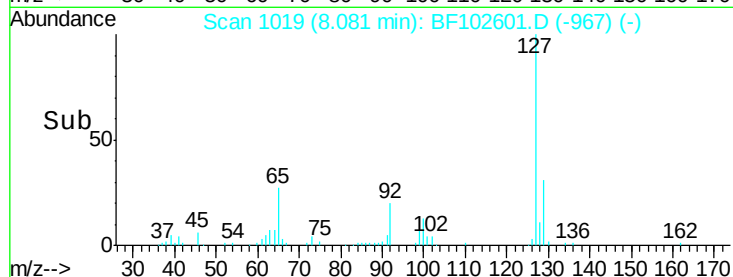
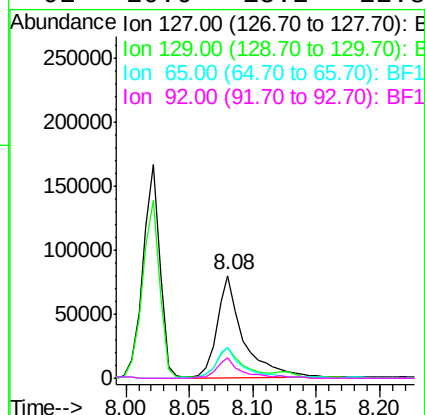
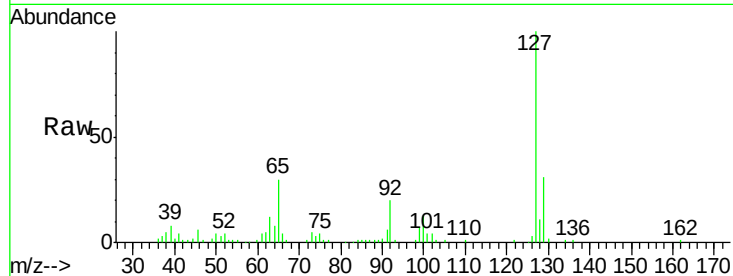
#33
4-Chloroaniline
Concen: 8.641 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	113963		
129	30.6	25.9	38.9	
65	30.4	25.0	37.4	
92	20.0	15.2	22.8	

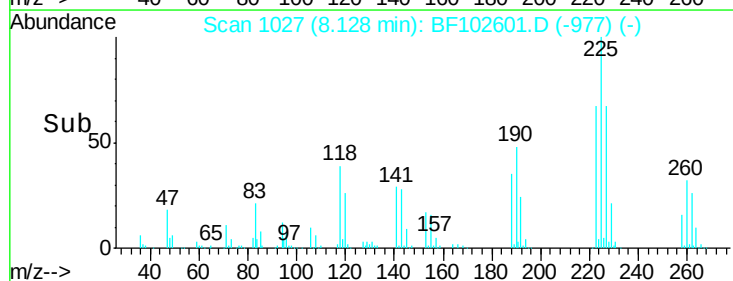
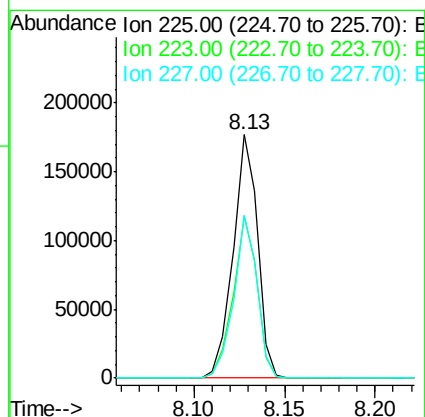
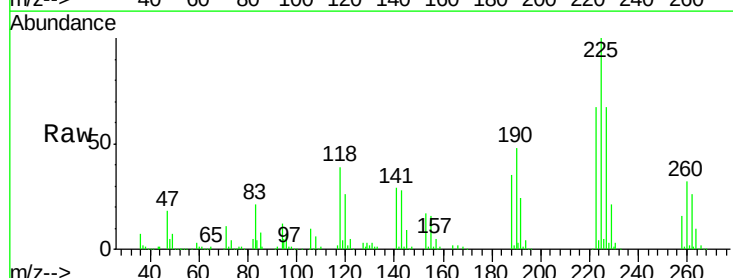
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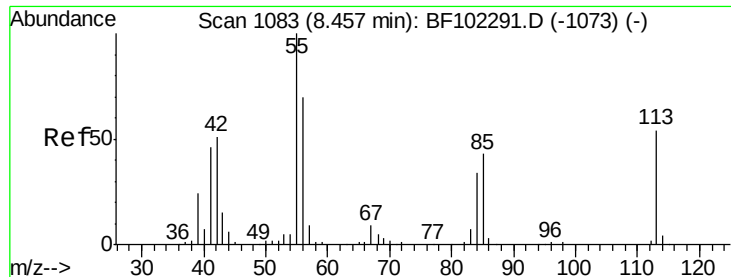
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#34
Hexachlorobutadiene
Concen: 33.411 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166583		
223	66.6	50.6	76.0	
227	67.1	51.9	77.9	





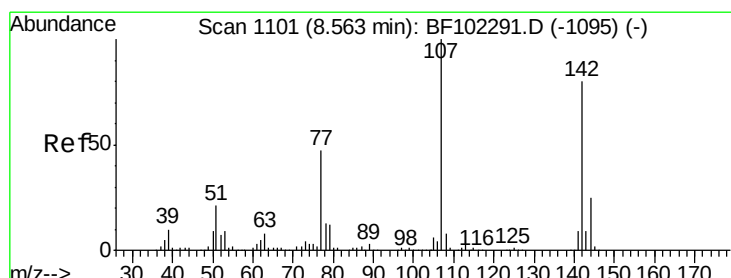
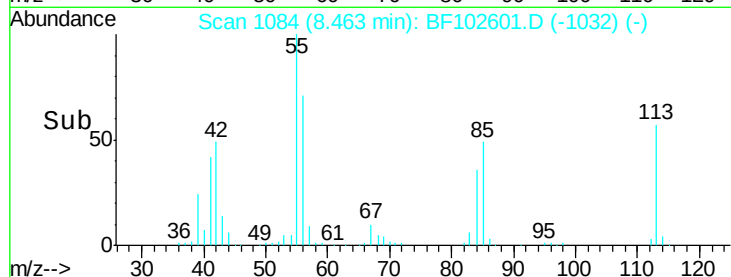
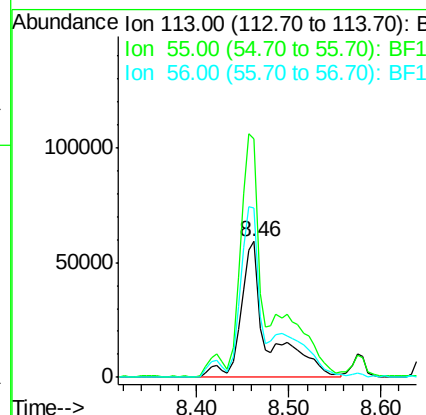
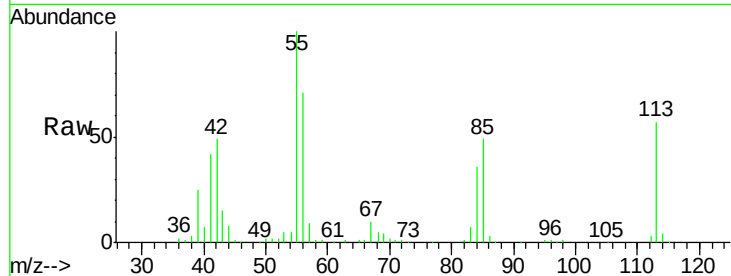
#35
 Caprolactam
 Concen: 42.682 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	122759		
55	176.0	163.3	203.3	
56	125.1	115.7	155.7	

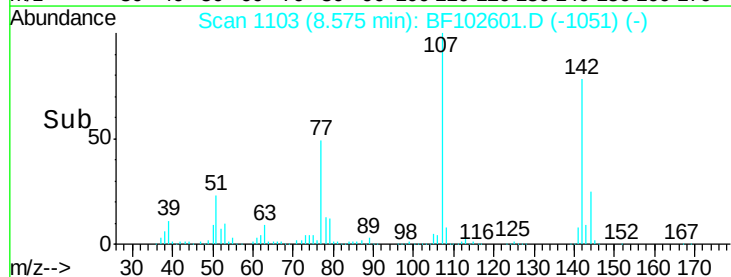
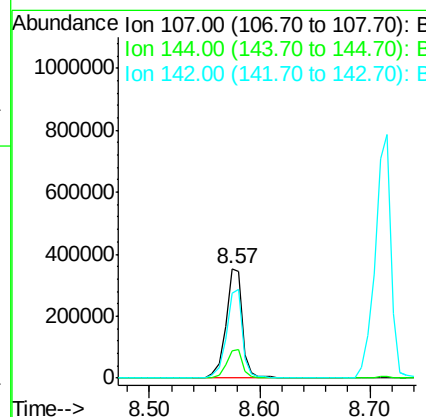
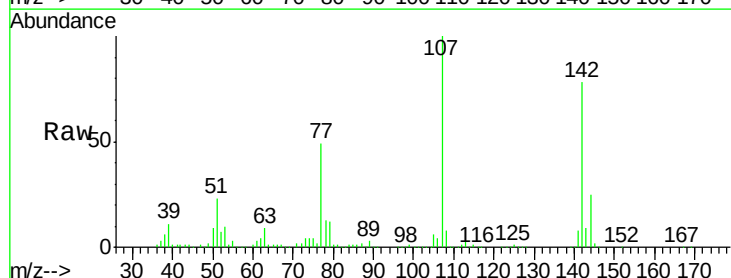
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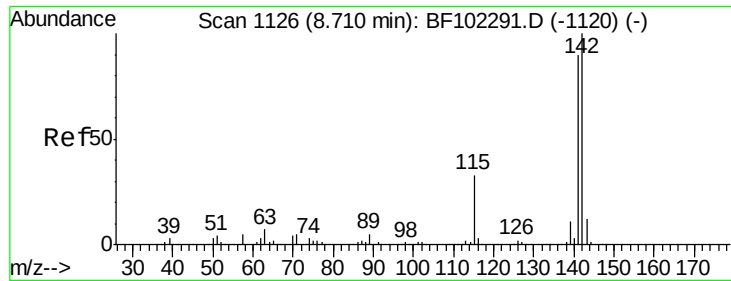
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#36
 4-Chloro-3-methylphenol
 Concen: 40.349 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	370386		
144	24.9	20.5	30.7	
142	77.9	62.0	93.0	





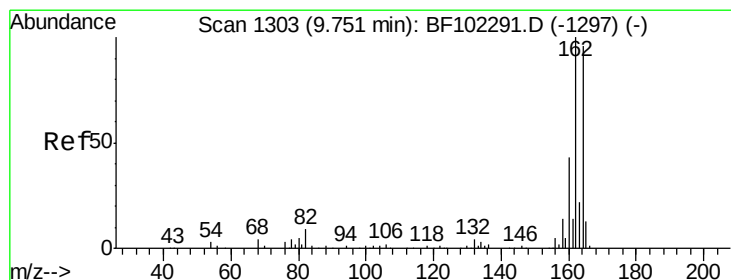
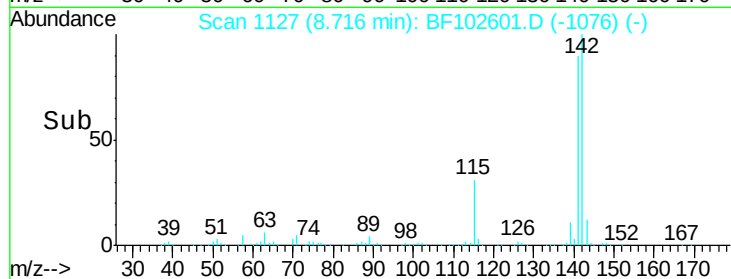
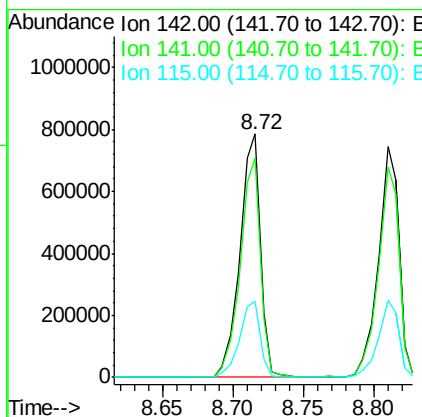
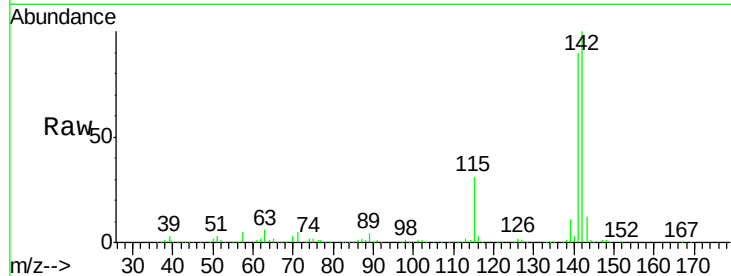
#37
2-Methylnaphthalene
Concen: 38.063 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	31.2	26.1	39.1

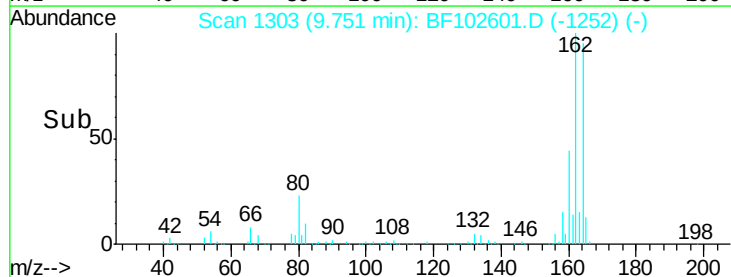
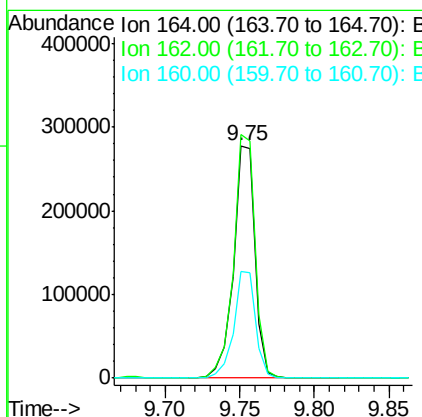
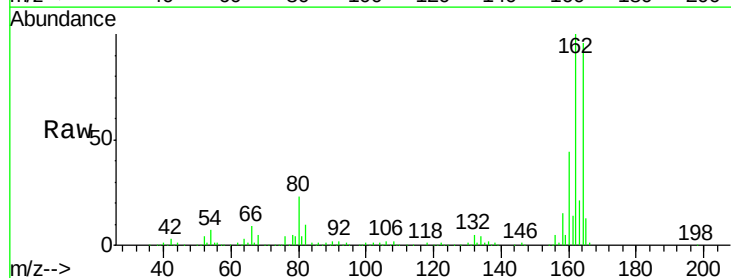
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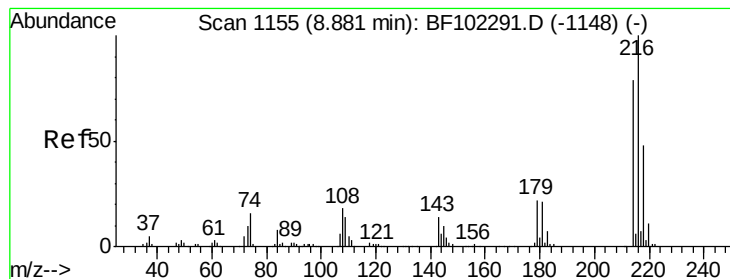
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.791 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

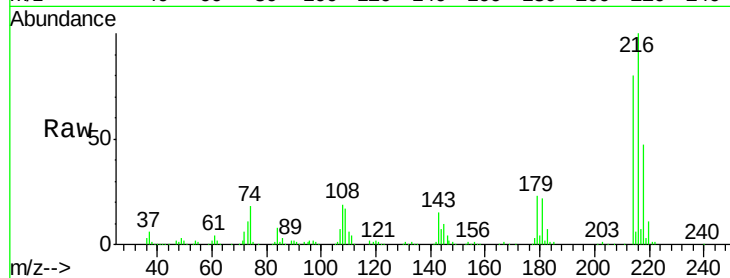
ClientSampleId :

PB106132BS

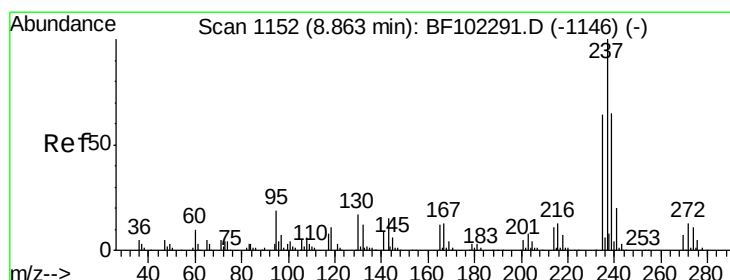
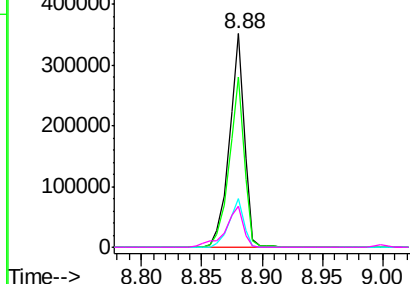
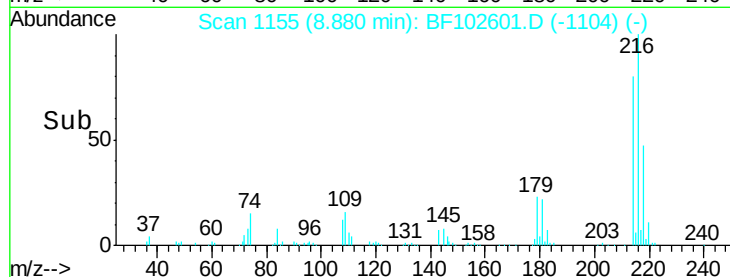
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	303472		
214	79.7	63.0	94.4	
179	22.6	18.1	27.1	
108	23.0	17.2	25.8	

Manual Integrations
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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: 48.106 ng

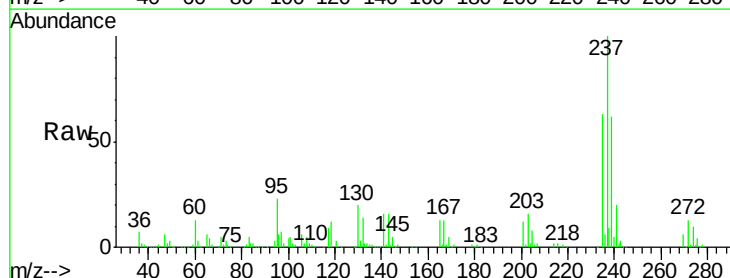
RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

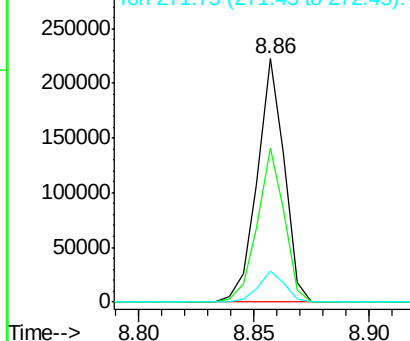
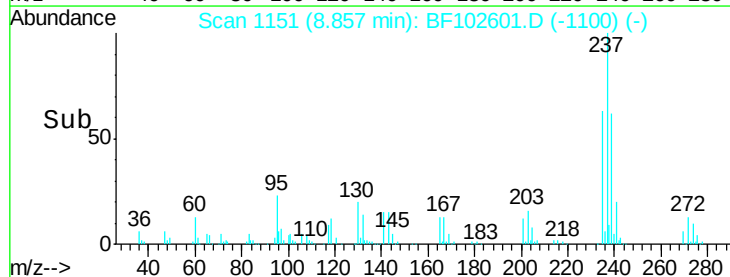
Lab File: BF102601.D

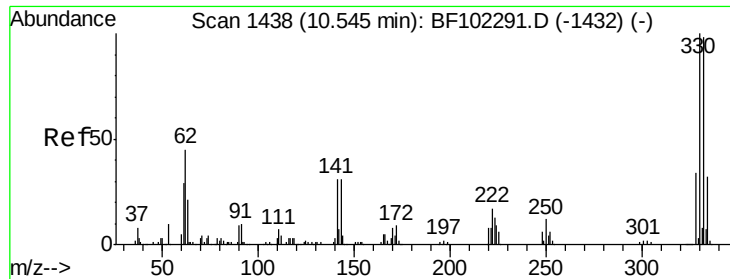
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	182544		
235	63.3	44.8	84.8	
272	12.5	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





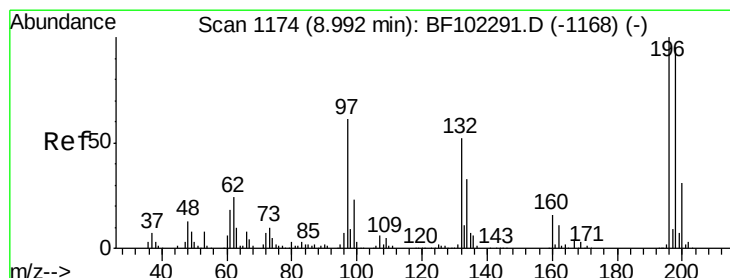
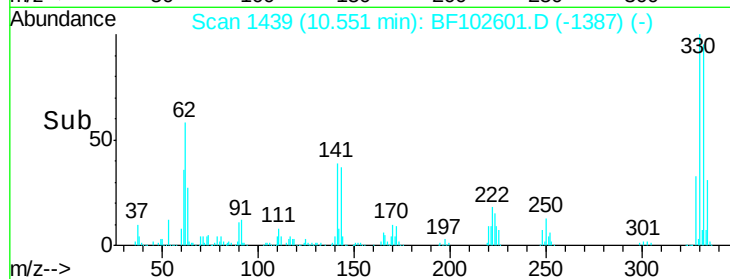
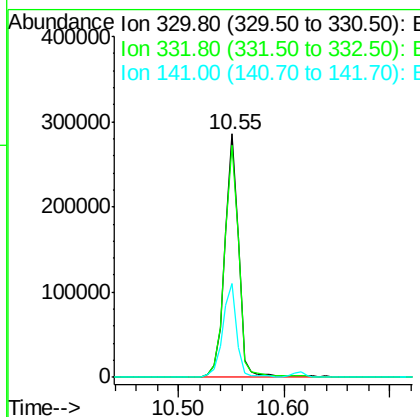
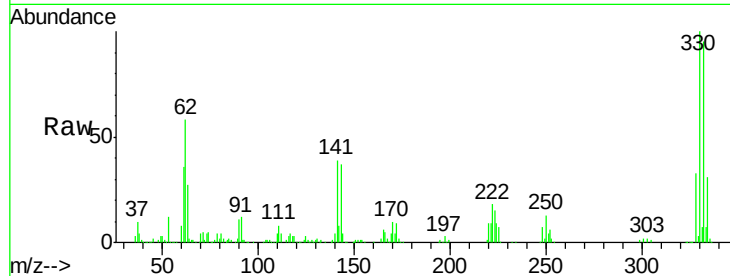
#41
 2,4,6-Tribromophenol
 Concen: 94.696 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	264440		
332	96.8	77.0	115.6	
141	39.2	29.9	44.9	

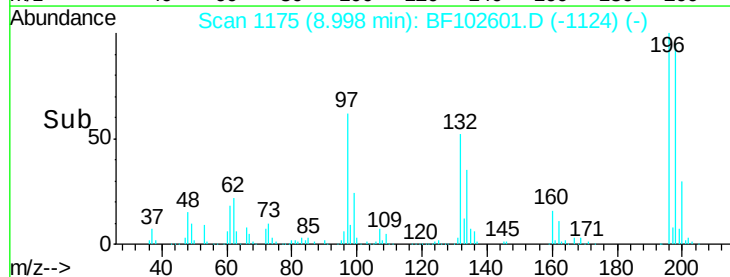
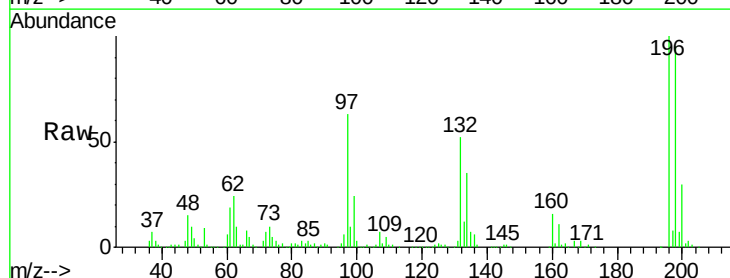
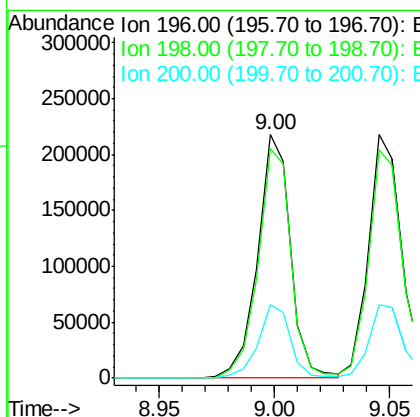
Manual Integrations
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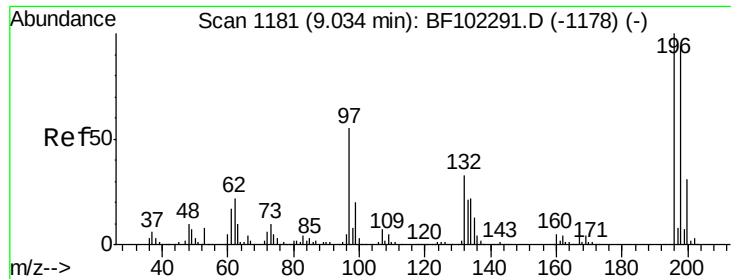
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 38.087 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216188		
198	94.6	75.7	113.5	
200	30.3	24.5	36.7	





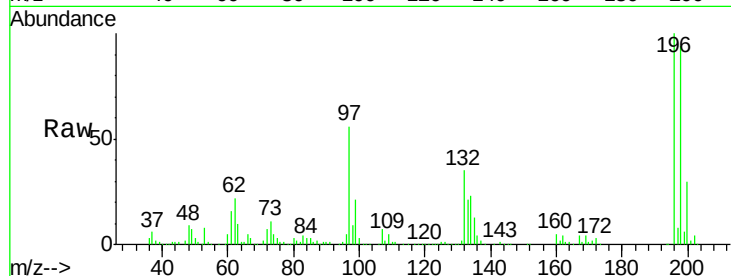
#43
 2,4,5-Trichlorophenol
 Concen: 35.541 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

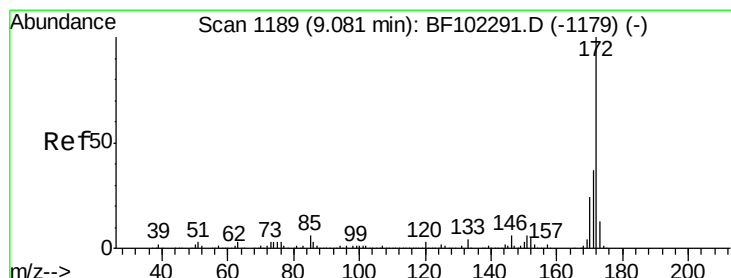
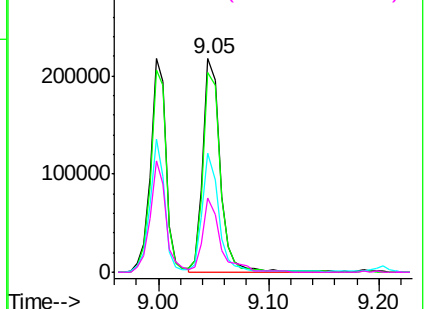
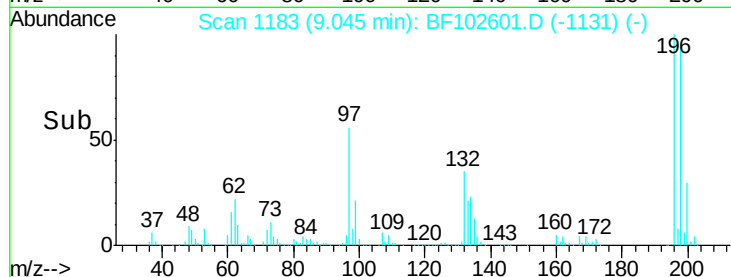
Tgt Ion:	196	Resp:	227138
Ion Ratio	Lower	Upper	
196	100		
198	93.6	74.6	112.0
97	55.8	42.9	64.3
132	34.8	26.3	39.5

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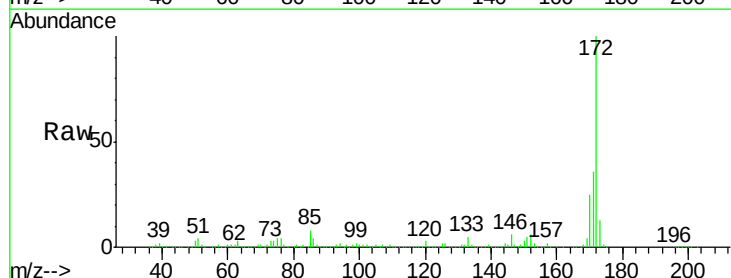


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

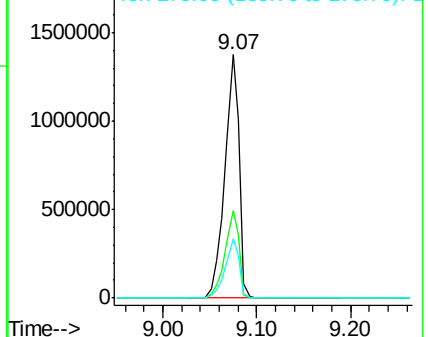
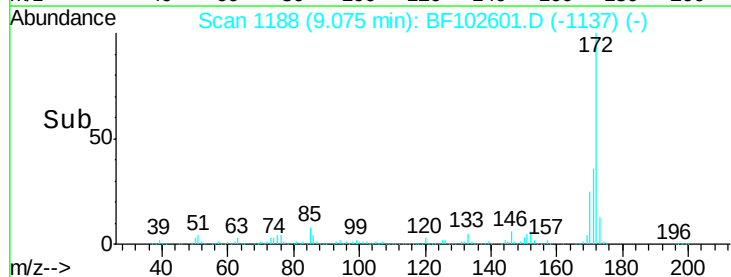


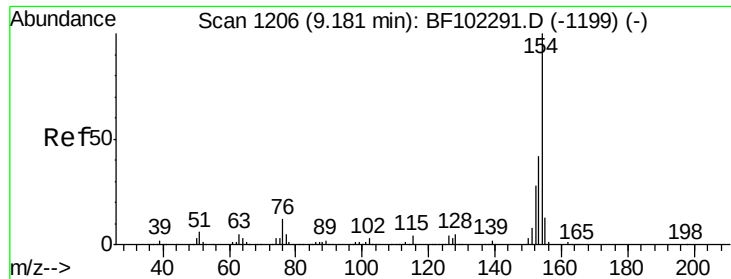
#44
 2-Fluorobiphenyl
 Concen: 75.530 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion:	172	Resp:	1447703
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





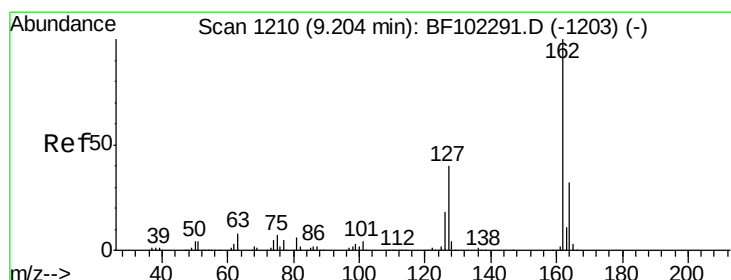
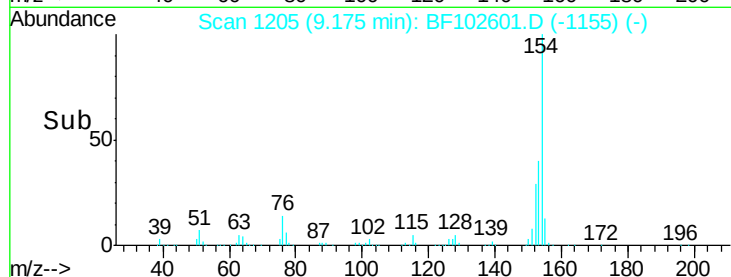
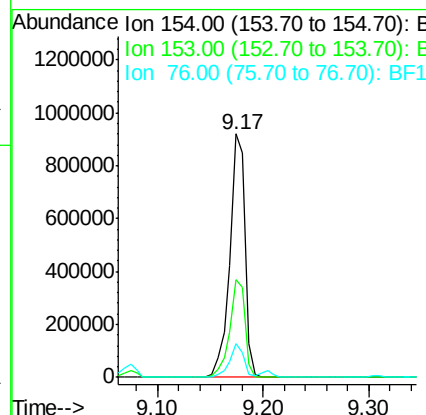
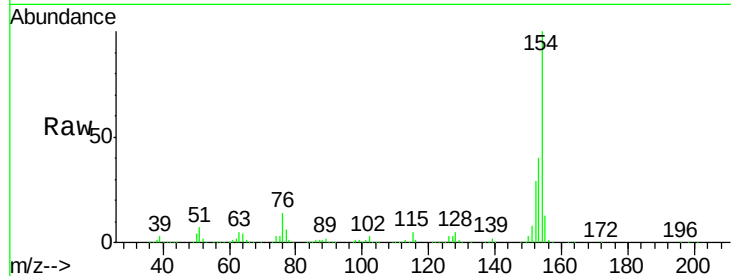
#45
 1,1'-Biphenyl
 Concen: 36.576 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	921703		
153	40.1	21.3	61.3	
76	13.7	0.0	34.0	

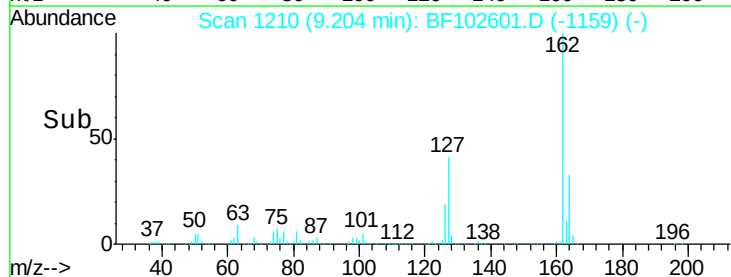
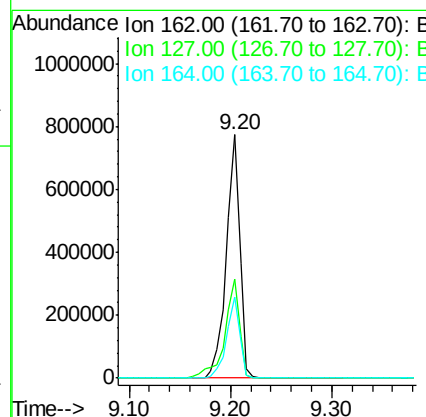
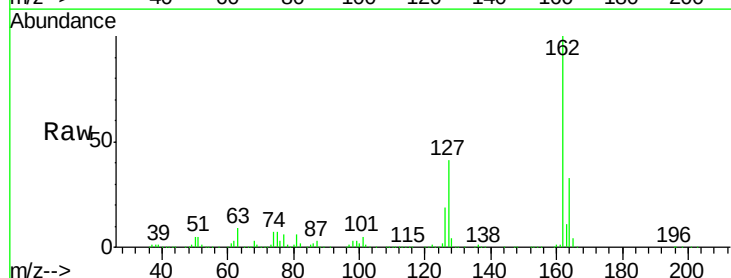
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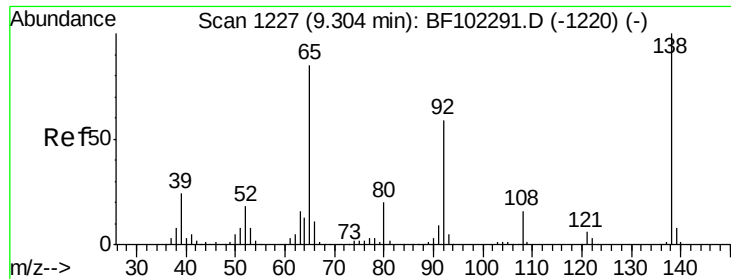
Sohil
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#46
 2-Chloronaphthalene
 Concen: 36.491 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	714770		
127	40.8	33.9	50.9	
164	33.3	26.5	39.7	





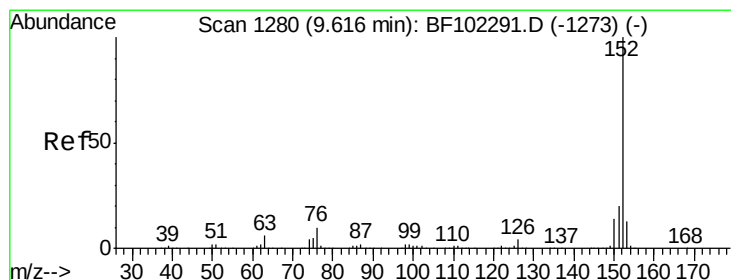
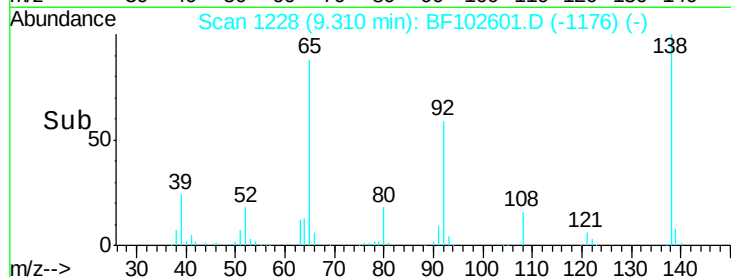
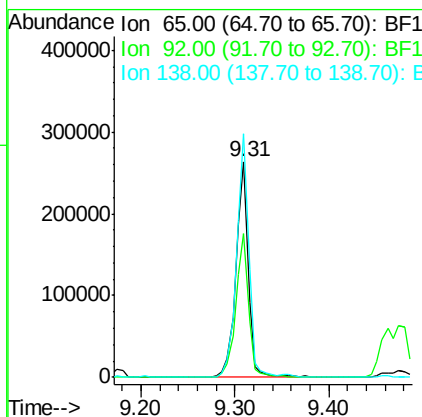
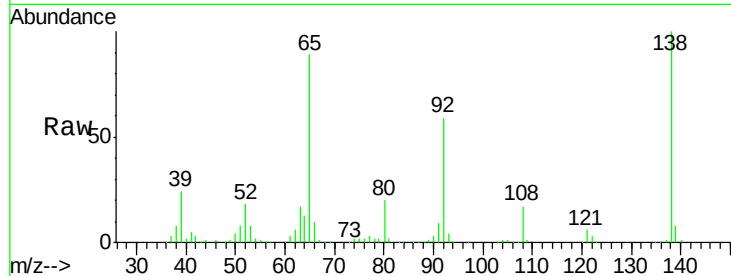
#47
2-Nitroaniline
Concen: 39.573 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	55.8	83.6
138	112.9	91.2	136.8

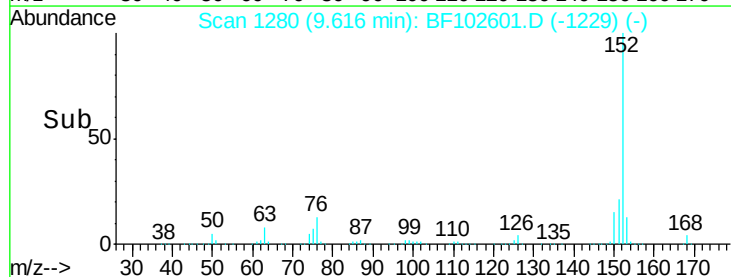
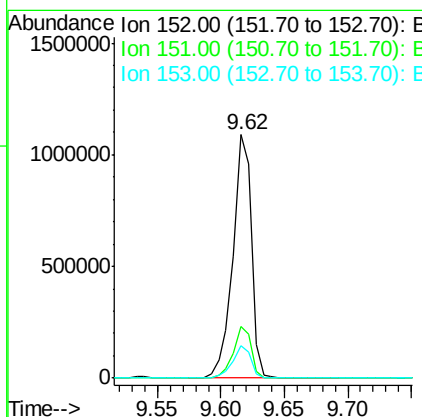
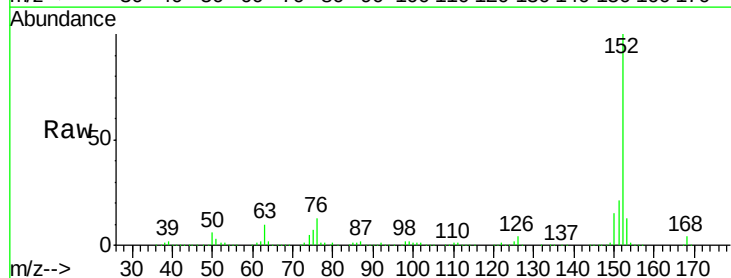
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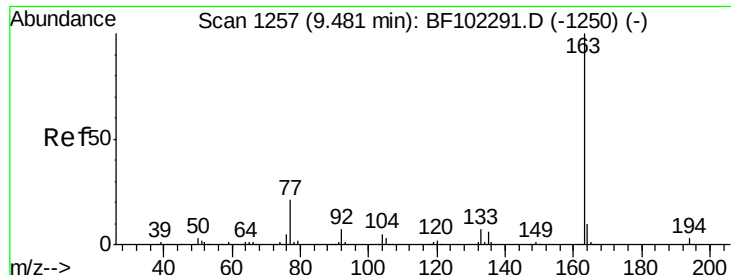
Sohil
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#48
Acenaphthylene
Concen: 35.734 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.7	16.1





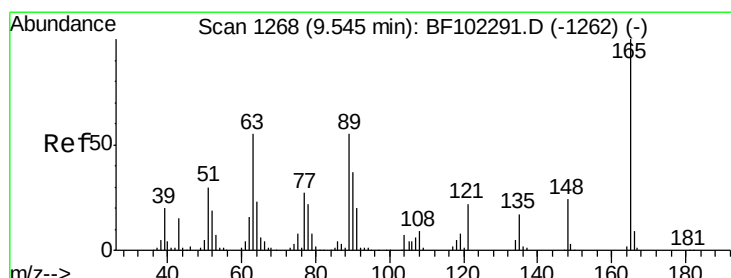
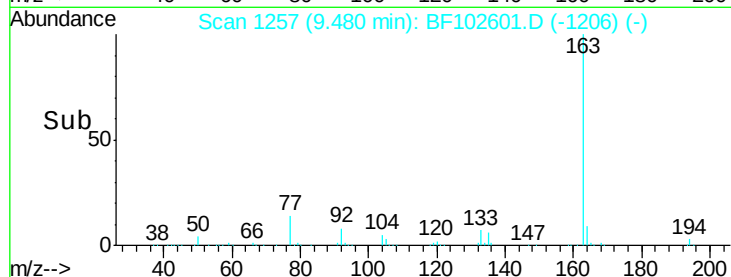
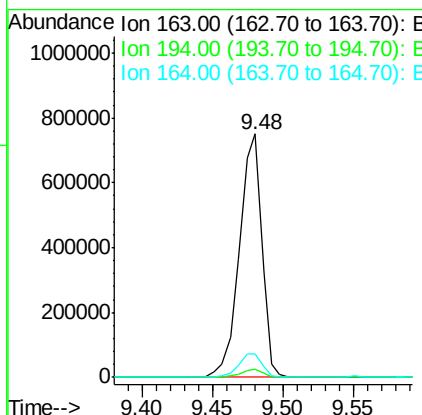
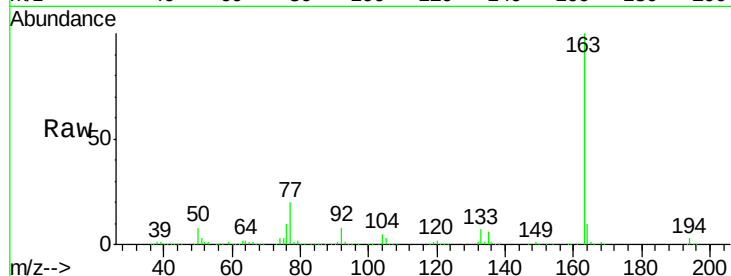
#49
Dimethylphthalate
Concen: 35.694 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	831489		
194	3.4	2.7	4.1	
164	9.8	8.2	12.2	

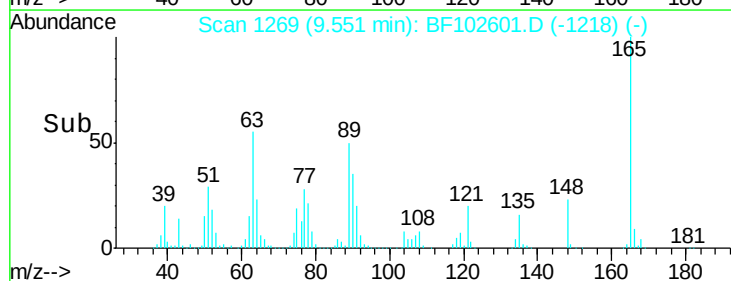
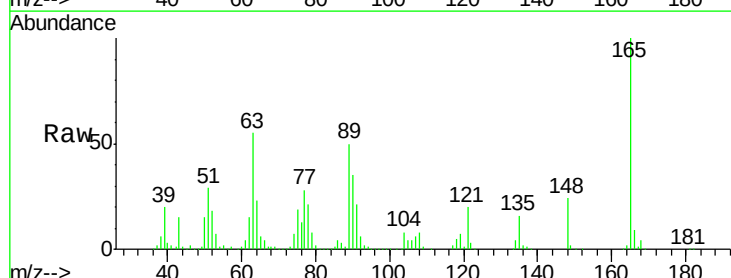
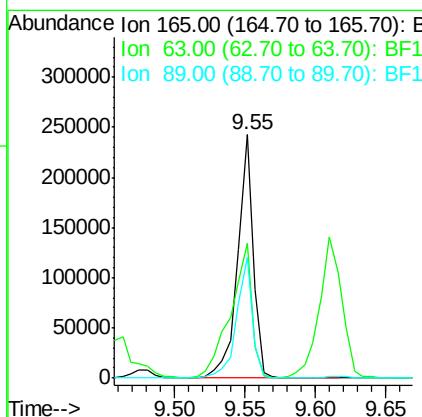
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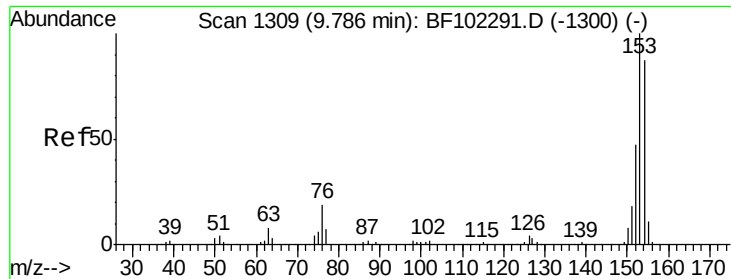
Sohil
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#50
2,6-Dinitrotoluene
Concen: 37.444 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188057		
63	55.1	44.7	67.1	
89	49.7	44.0	66.0	





#51

Acenaphthene

Concen: 35.942 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

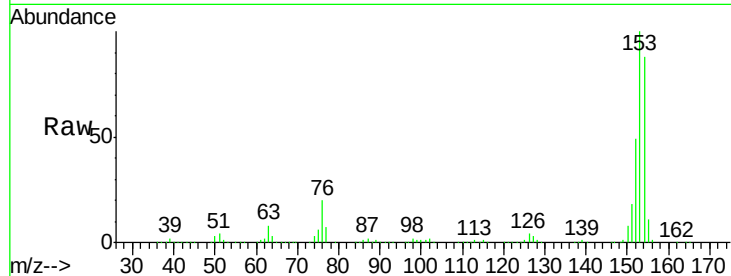
ClientSampled :

PB106132BS

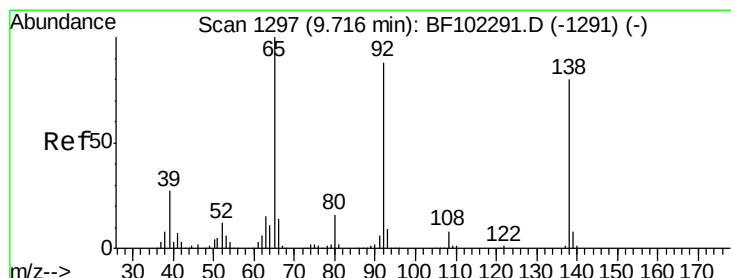
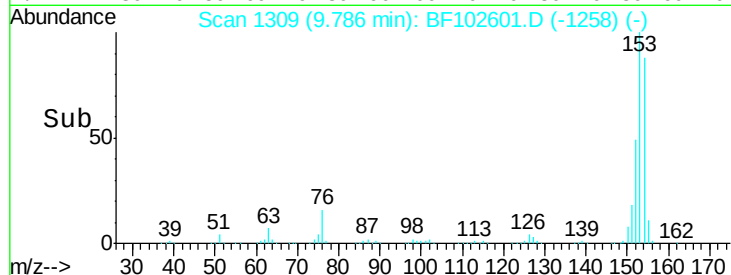
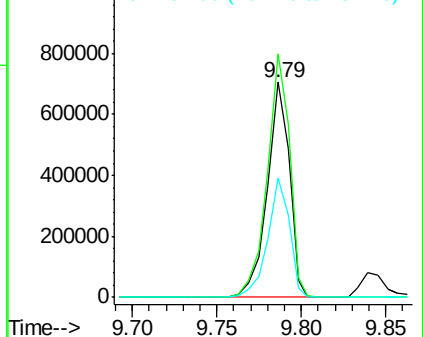
Tgt Ion:	154	Resp:	640565
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	55.4	43.8	65.8

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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: 17.393 ng

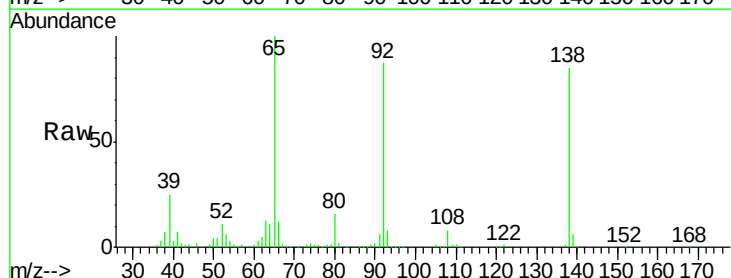
RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

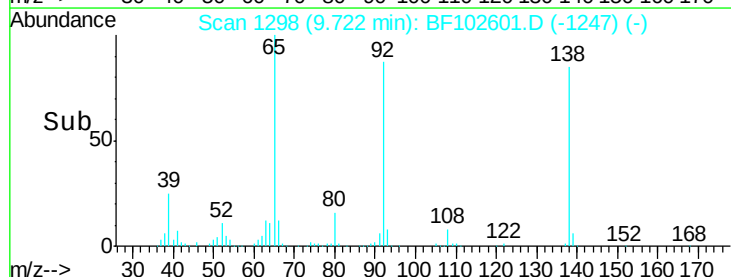
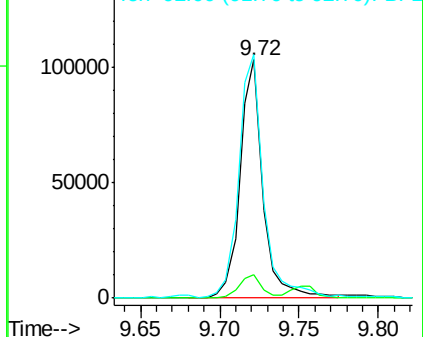
Lab File: BF102601.D

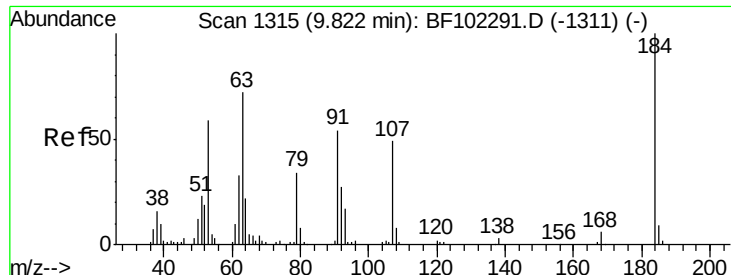
Acq: 29 Jan 2018 17:13

Tgt Ion:	138	Resp:	103337
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	102.3	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





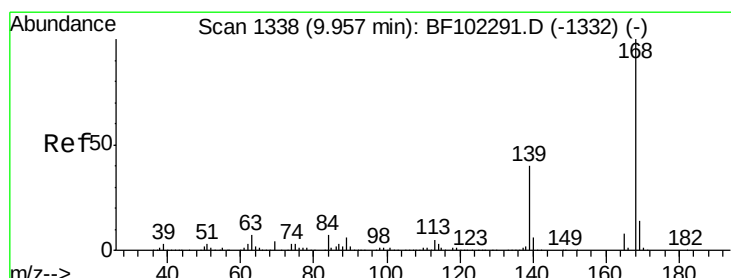
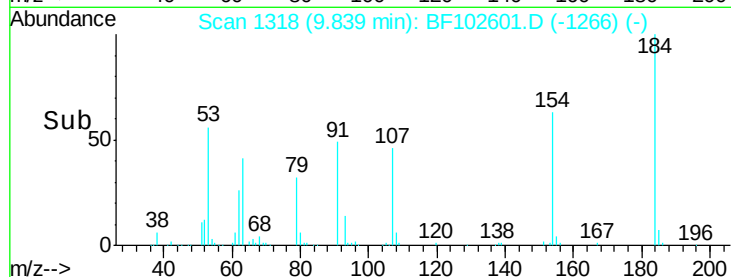
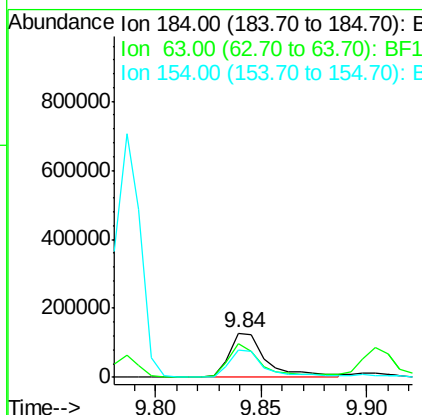
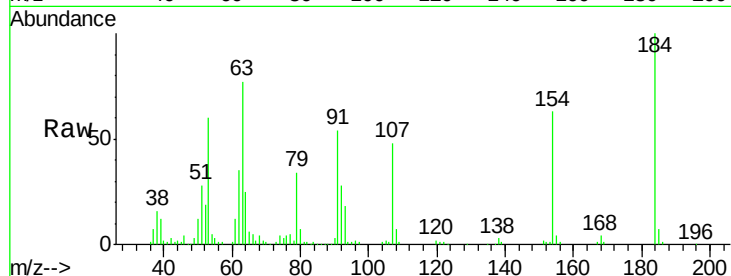
#53
2,4-Dinitrophenol
Concen: 69.979 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :
PB106132BS

Tgt Ion:184 Resp: 156600
Ion Ratio Lower Upper
184 100
63 76.7 54.2 81.2
154 63.3 184.0 276.0#

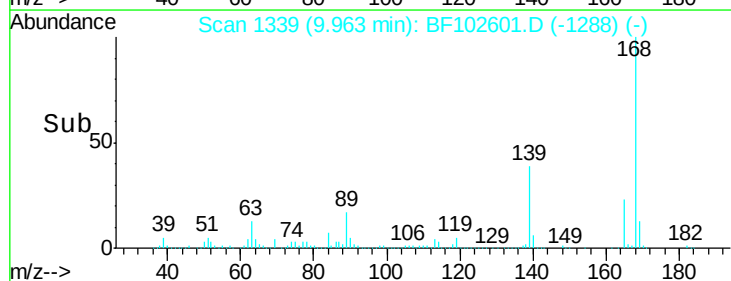
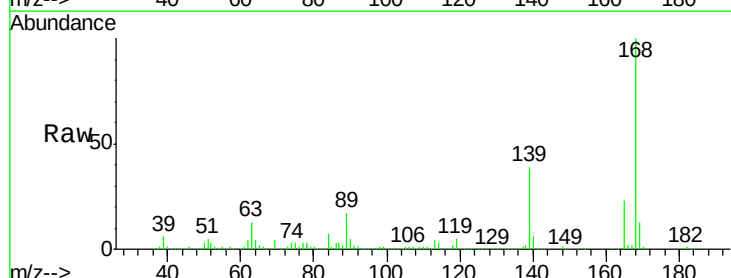
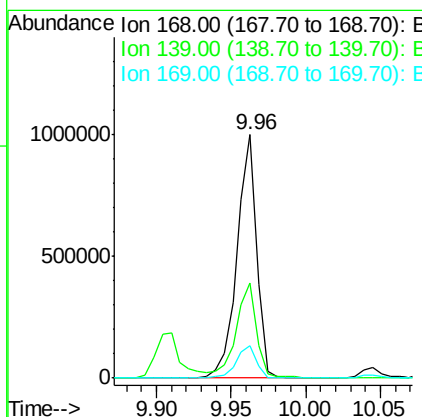
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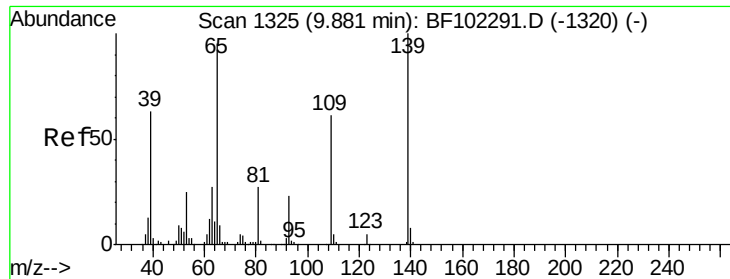
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#54
Dibenzofuran
Concen: 38.153 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion:168 Resp: 920256
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.4 10.9 16.3





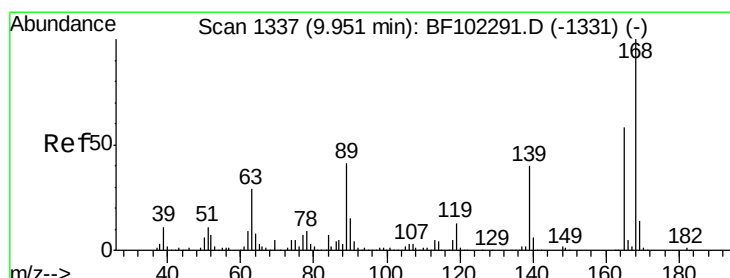
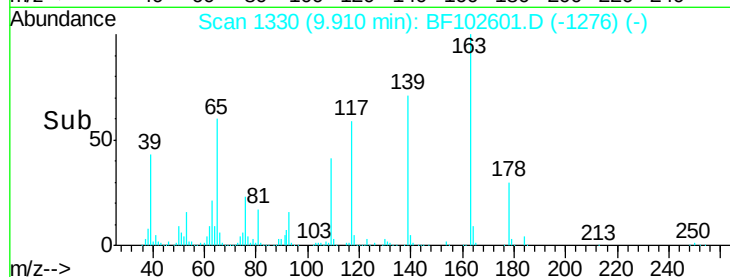
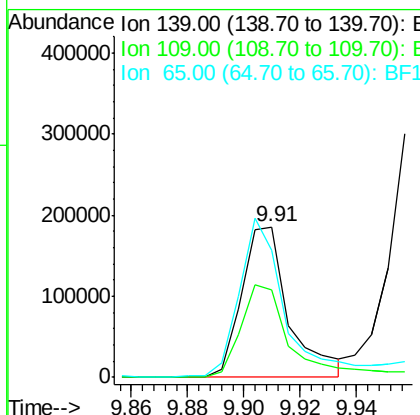
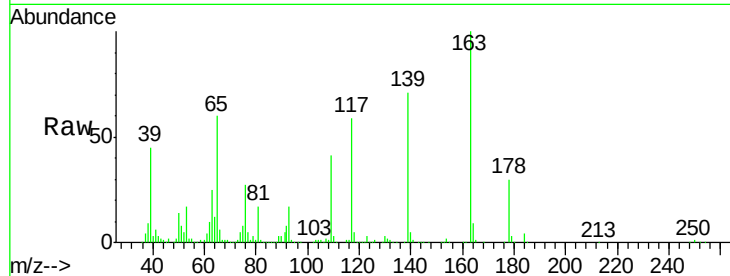
#55
4-Nitrophenol
Concen: 55.036 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	215848		
109	58.1	48.4	88.4	
65	84.8	72.6	112.6	

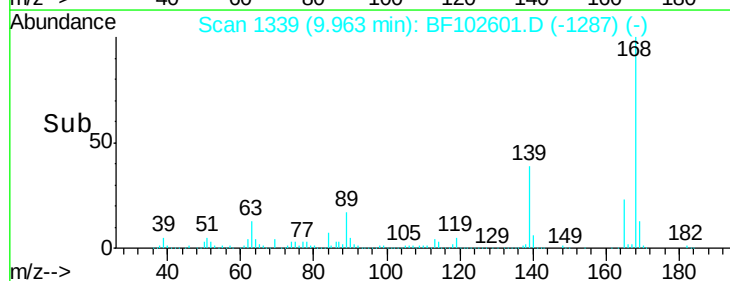
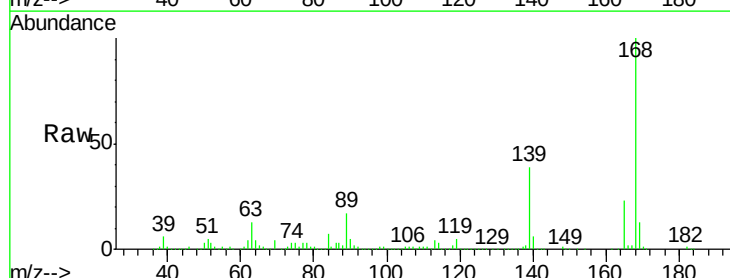
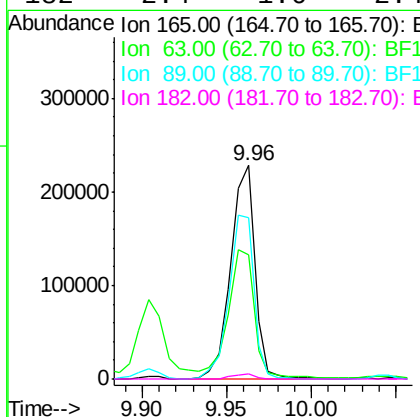
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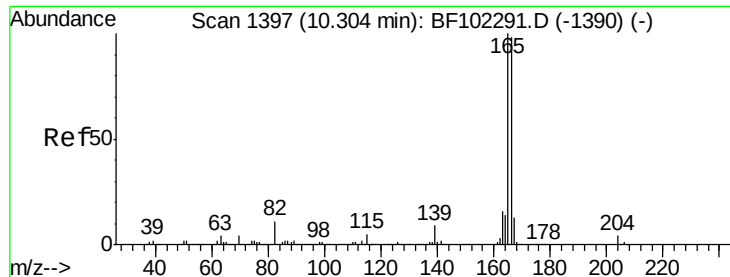
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#56
2,4-Dinitrotoluene
Concen: 36.858 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	227640		
63	58.3	36.4	54.6#	
89	75.2	57.8	86.6	
182	2.4	1.6	2.4#	





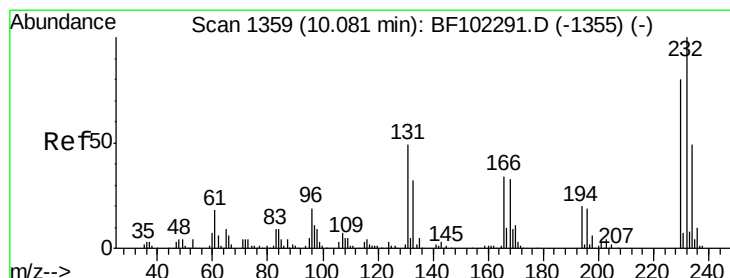
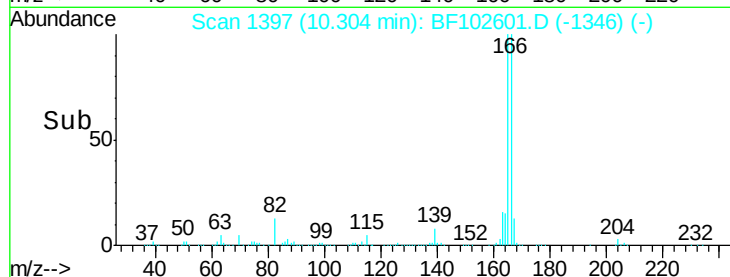
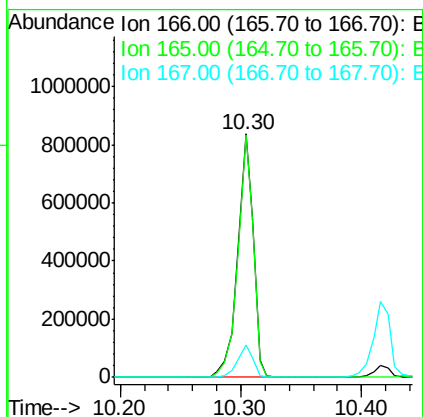
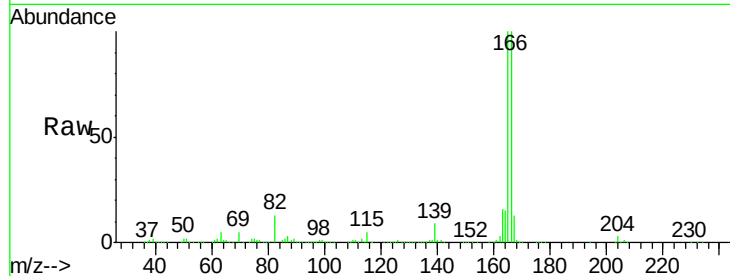
#57
Fluorene
 Concen: 39.508 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	755114		
165	99.7	79.8	119.8	
167	13.4	10.6	16.0	

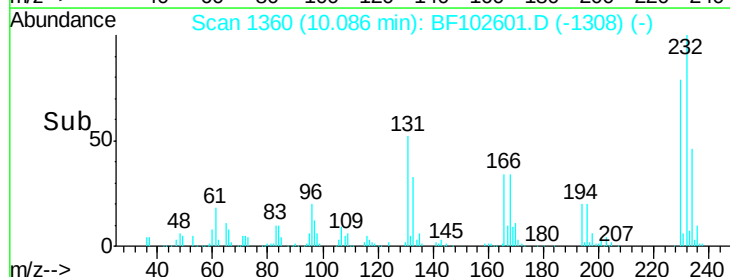
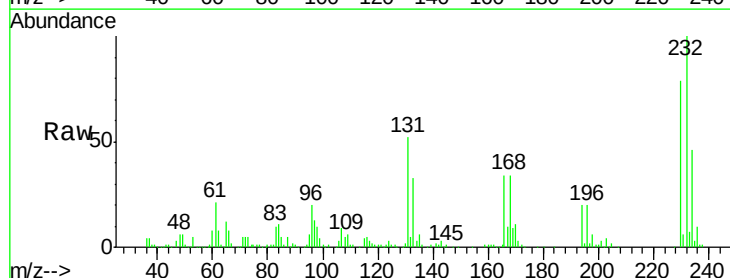
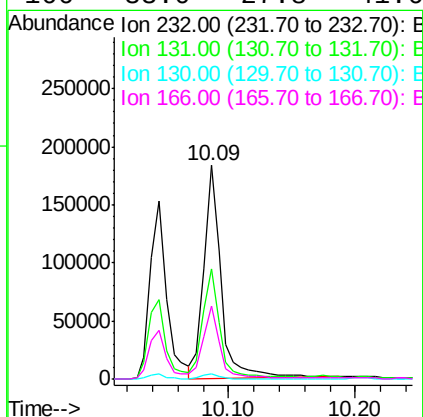
Manual Integrations
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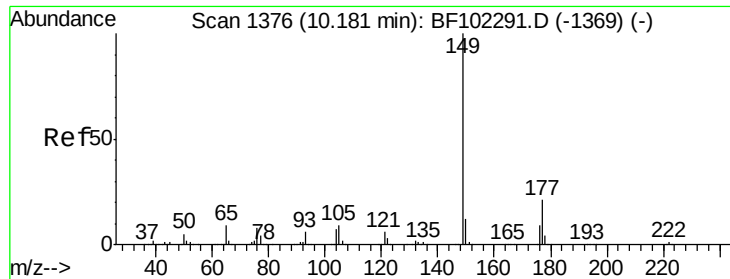
Sohil
 1/30/2018 3:38:10 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.874 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	172821		
131	50.5	43.8	65.8	
130	2.3	2.1	3.1	
166	33.0	27.8	41.6	





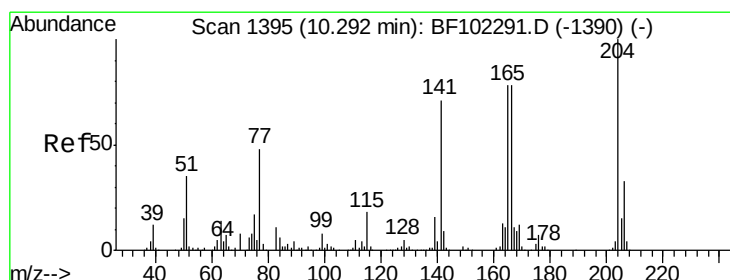
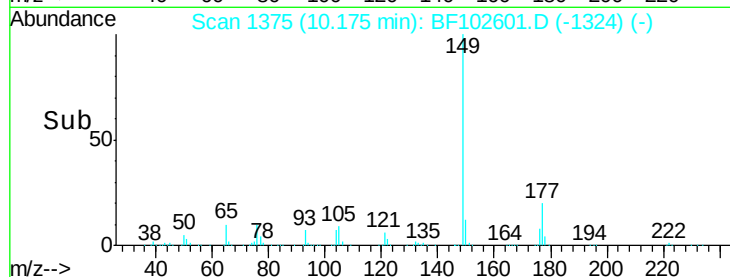
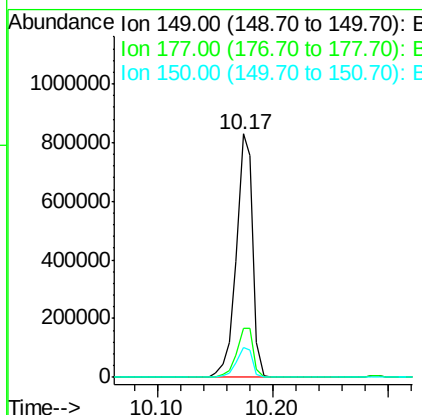
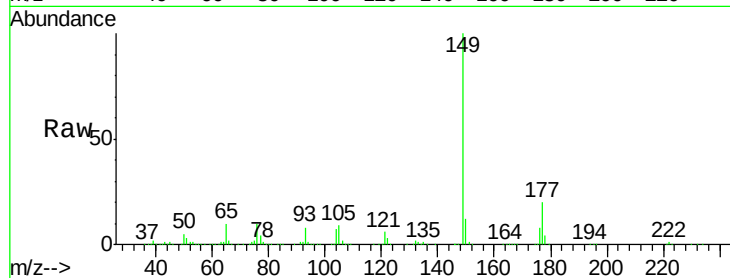
#59
Diethylphthalate
Concen: 35.816 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampled :
PB106132BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.1	24.1
150	12.5	10.1	15.1

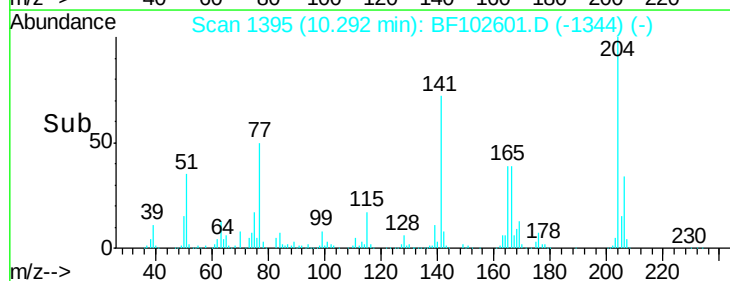
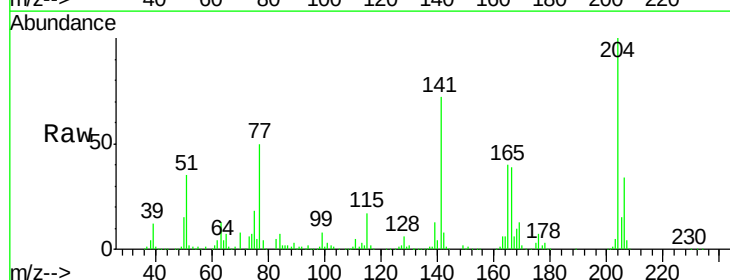
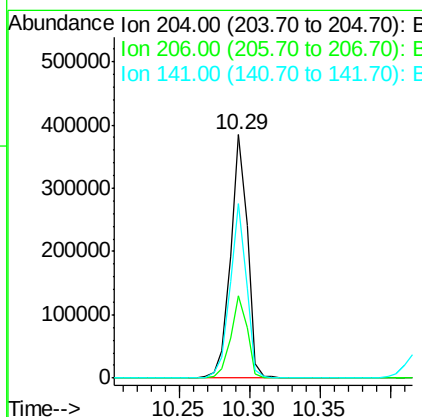
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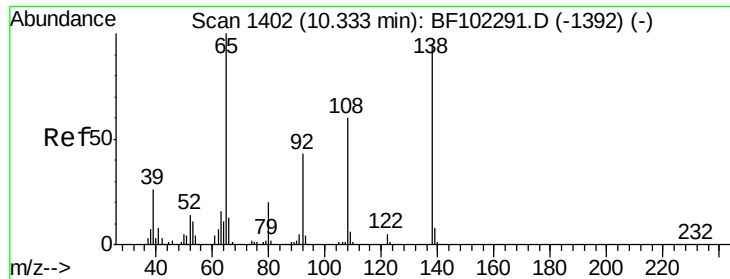
Sohil
1/30/2018 3:38:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.468 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	71.6	54.6	81.8





#61

4-Nitroaniline

Concen: 33.861 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

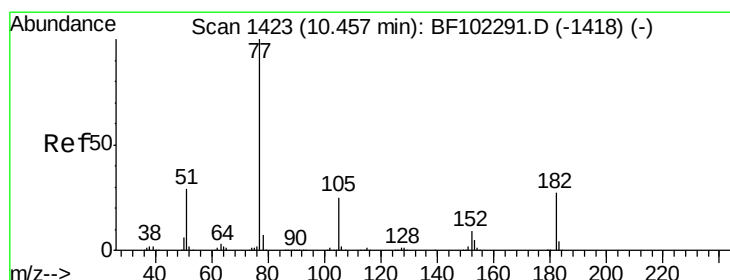
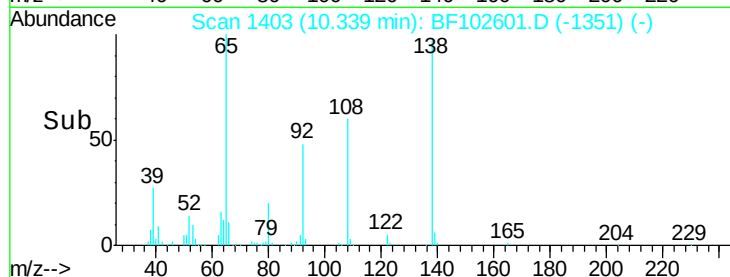
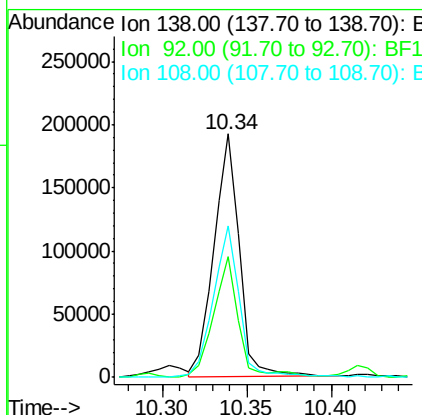
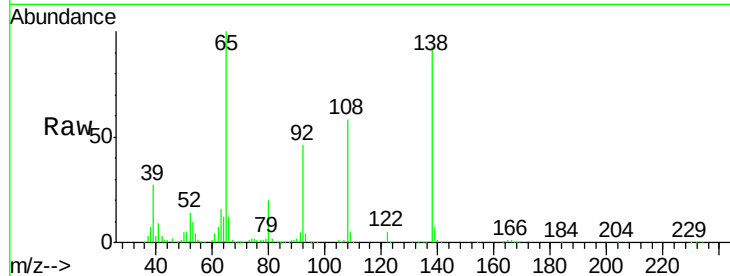
ClientSampled :

PB106132BS

Tgt Ion:	138	Resp:	200751
Ion Ratio	Lower	Upper	
138	100		
92	49.5	30.2	70.2
108	62.4	52.5	92.5

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1/30/2018 3:38:10 PM



#62

Azobenzene

Concen: 38.394 ng

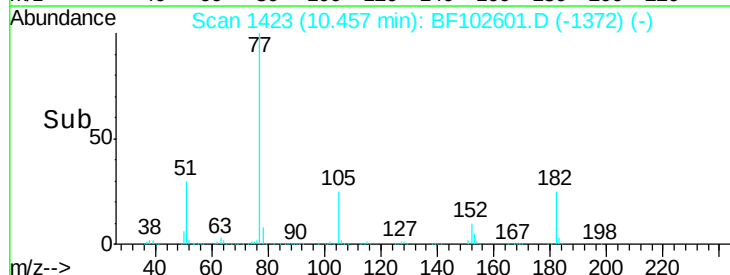
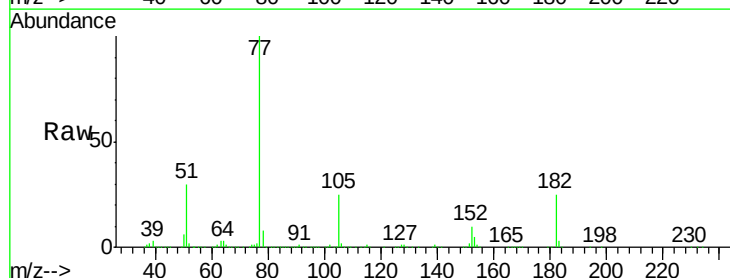
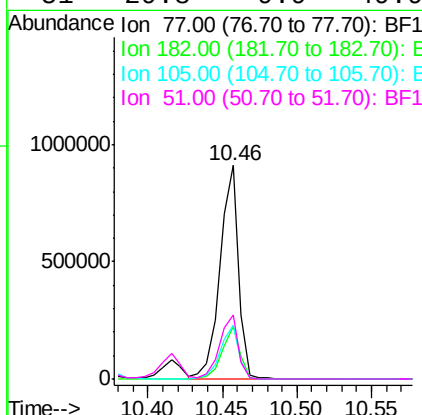
RT: 10.46 min Scan# 1423

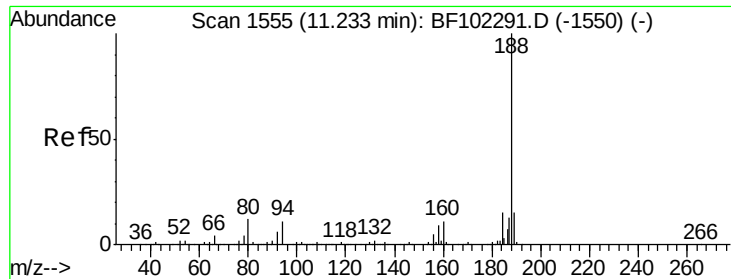
Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:	77	Resp:	795732
Ion Ratio	Lower	Upper	
77	100		
182	24.6	1.7	41.7
105	25.1	3.0	43.0
51	29.8	9.9	49.9





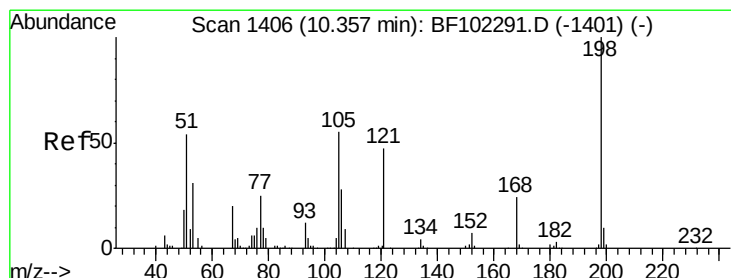
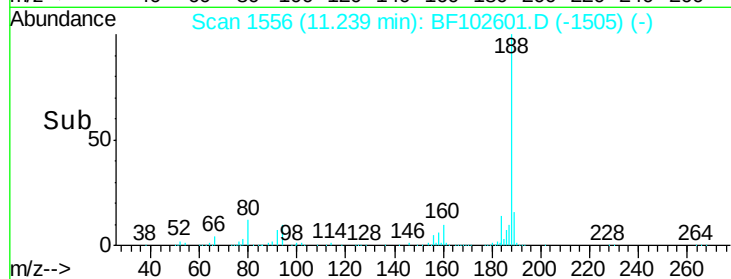
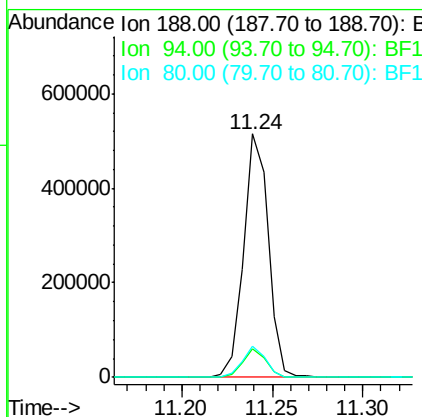
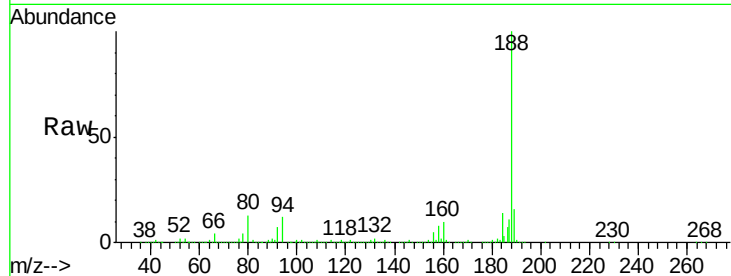
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	488699		
94	11.6	8.5	12.7	
80	12.6	9.2	13.8	

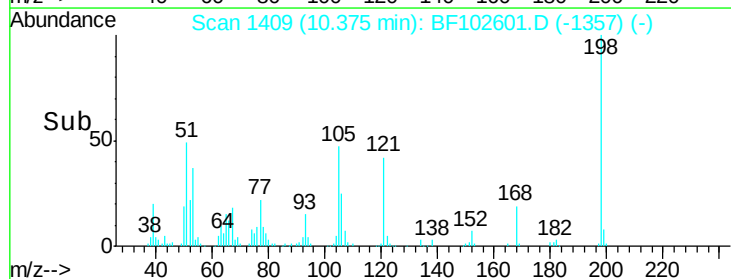
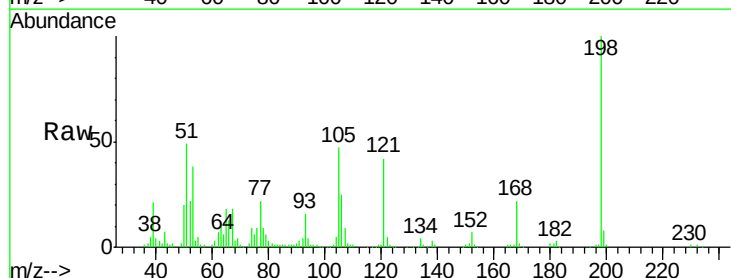
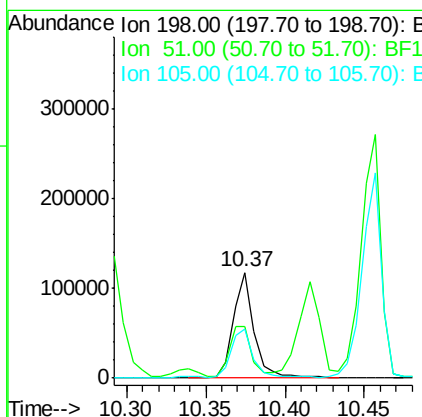
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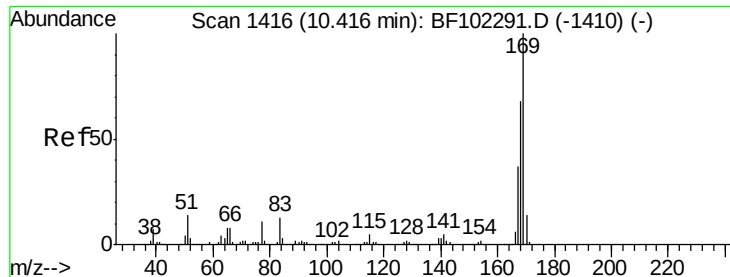
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.846 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	107092		
51	49.3	37.7	77.7	
105	46.6	36.3	76.3	





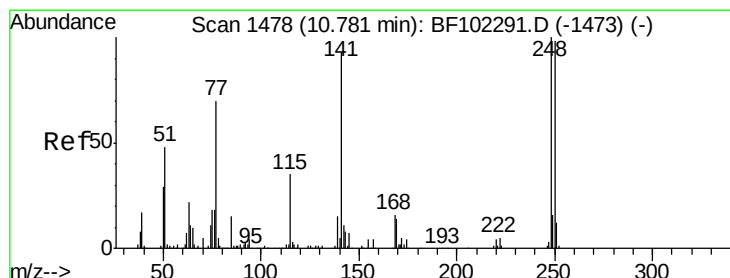
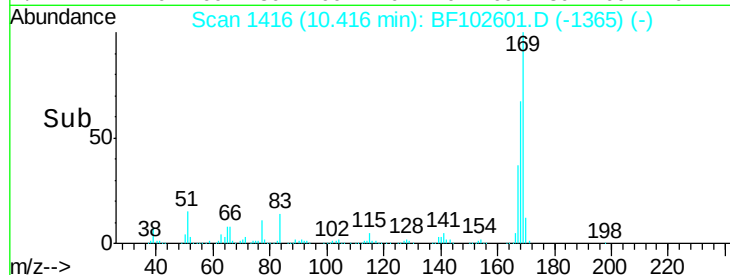
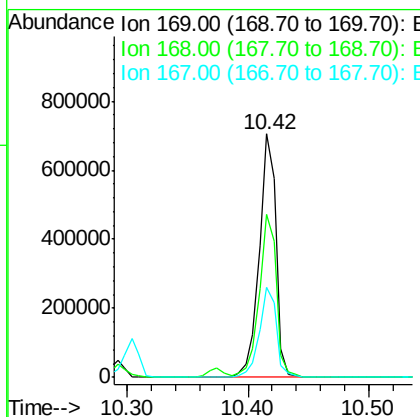
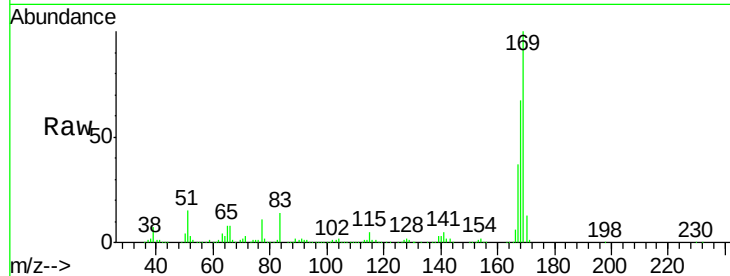
#65
 n-Nitrosodiphenylamine
 Concen: 38.367 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	688199		
168	67.2		54.4	81.6
167	36.9		29.8	44.6

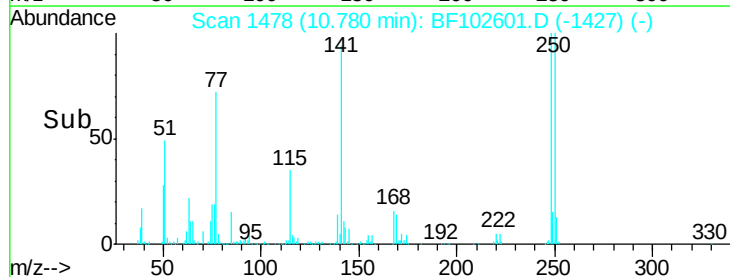
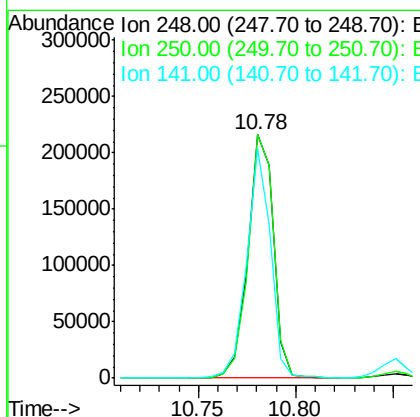
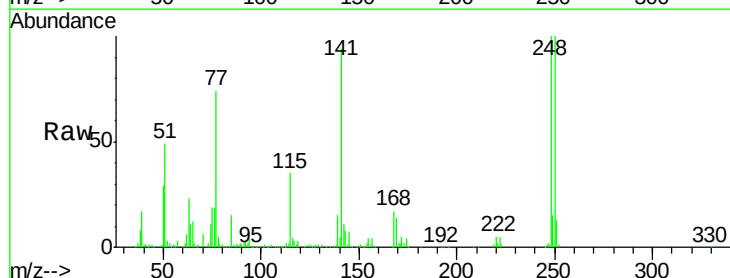
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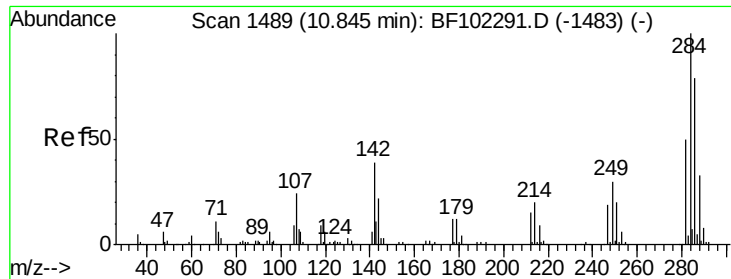
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 37.329 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	196383		
250	100.0		76.9	115.3
141	94.1		74.4	111.6





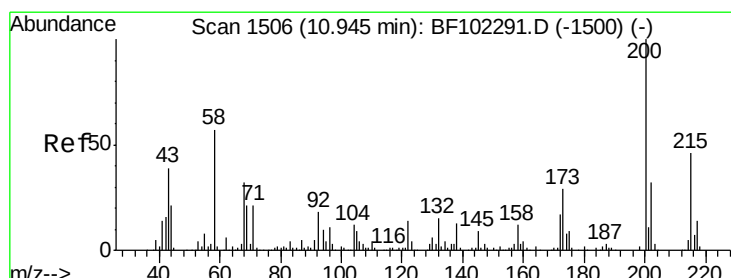
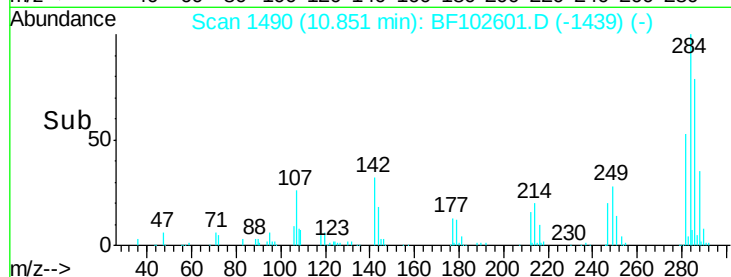
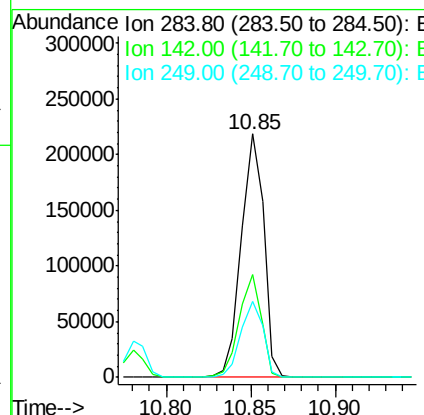
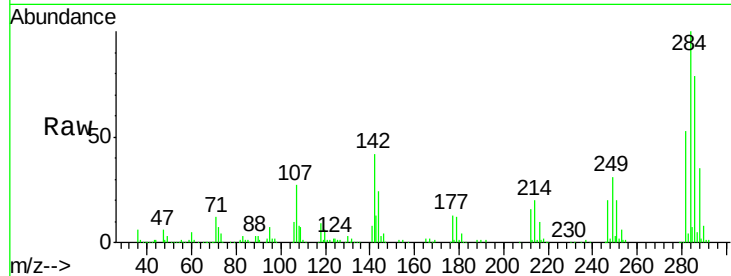
#67
Hexachlorobenzene
Concen: 34.647 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	203850		
142	42.2	34.6	52.0	
249	31.3	24.8	37.2	

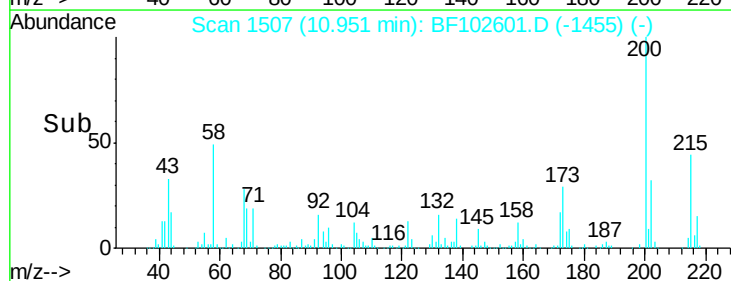
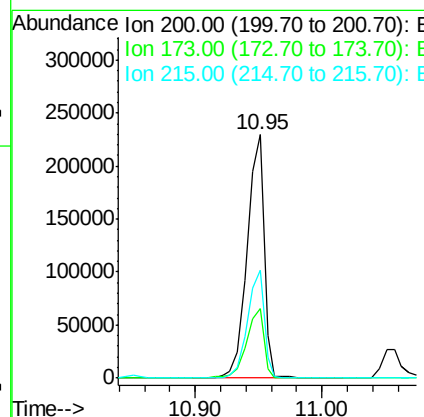
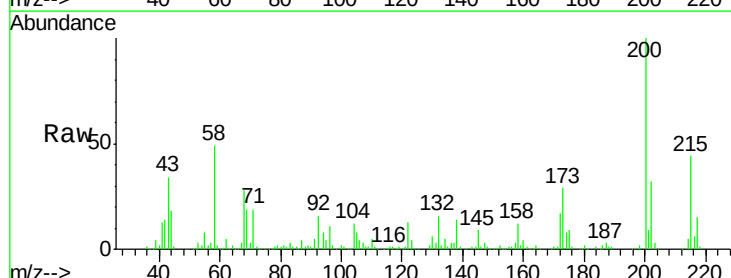
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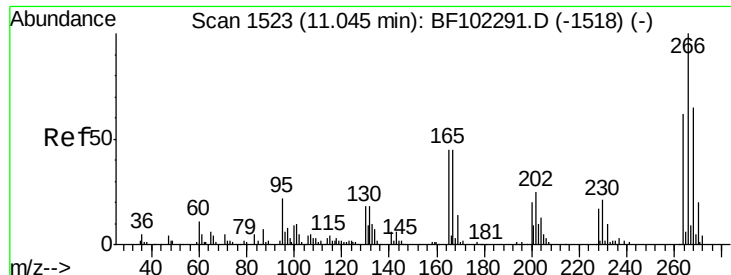
Sohil
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#68
Atrazine
Concen: 39.771 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	210692		
173	28.5	8.6	48.6	
215	44.3	25.1	65.1	





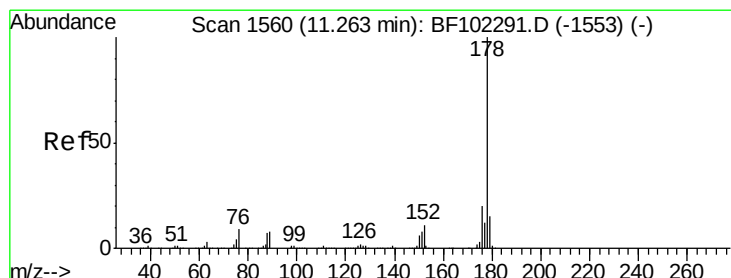
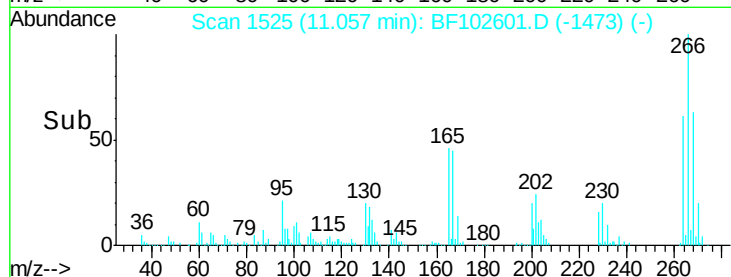
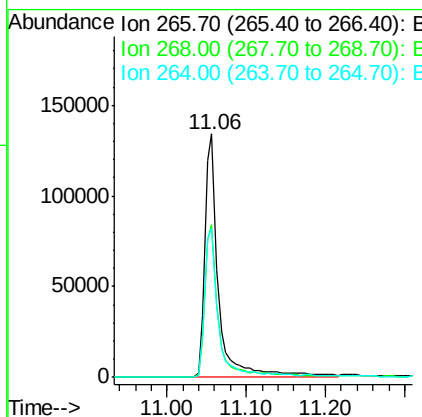
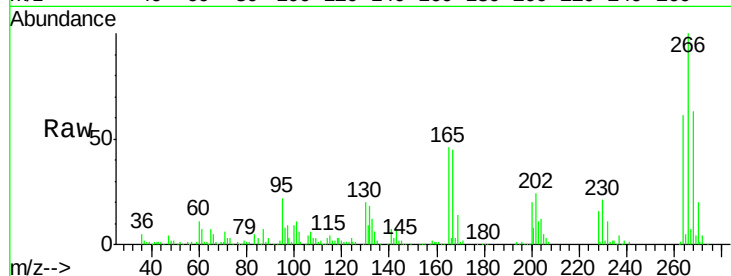
#69
 Pentachlorophenol
 Concen: 53.345 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.2	49.5	74.3

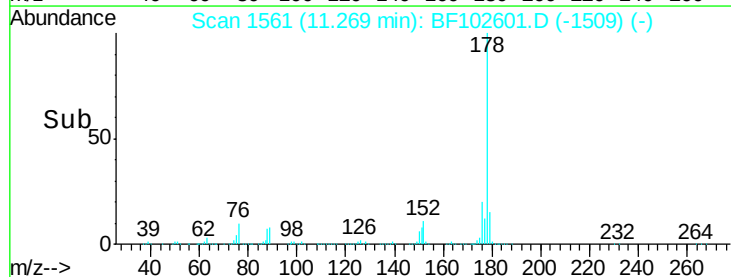
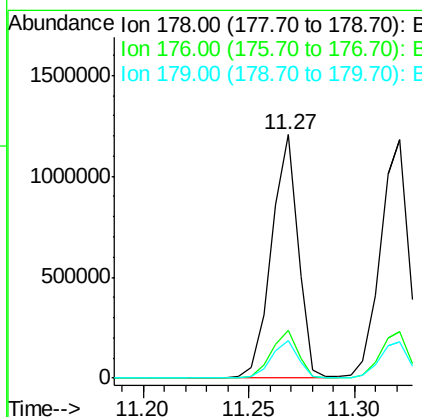
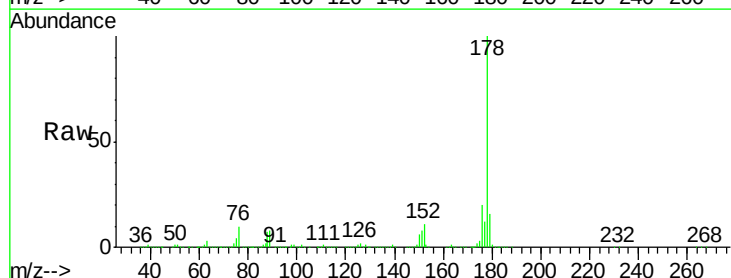
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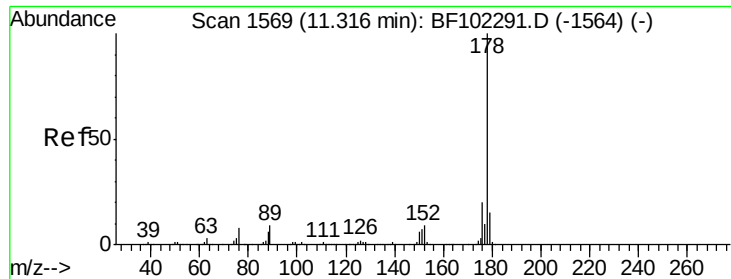
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#70
 Phenanthrene
 Concen: 37.182 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6





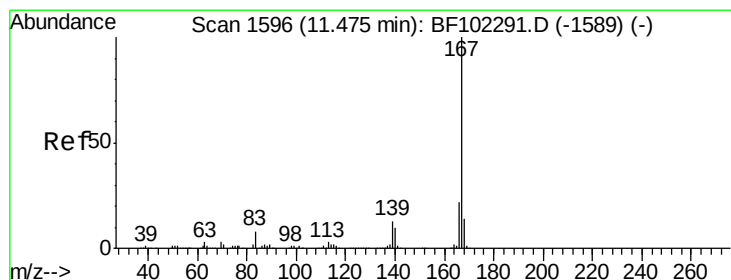
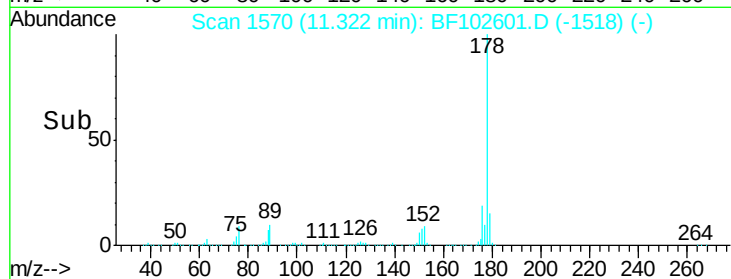
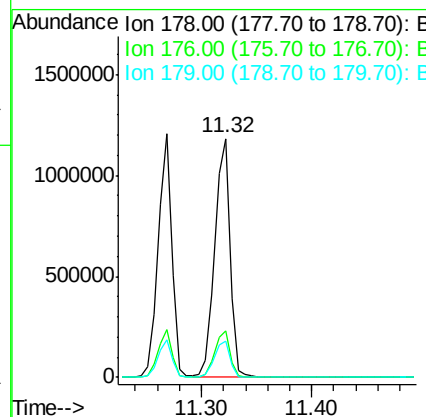
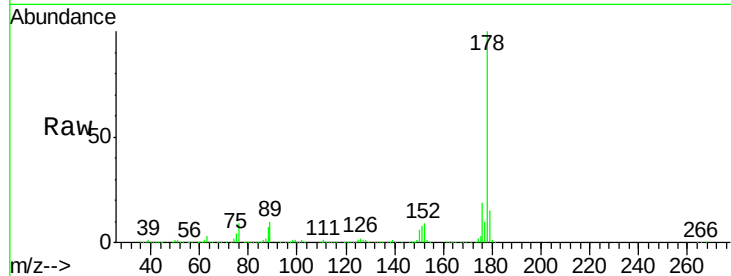
#71
 Anthracene
 Concen: 38.409 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB106132BS

Tgt Ion:178 Resp: 1116426
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.4 12.6 19.0

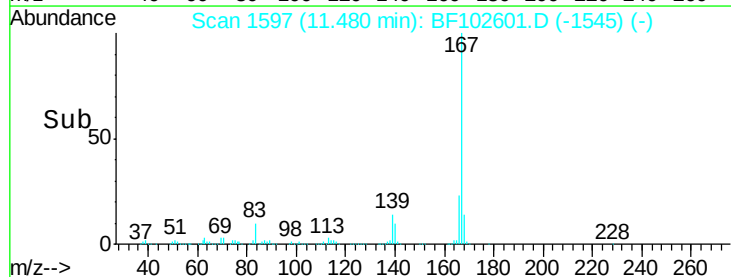
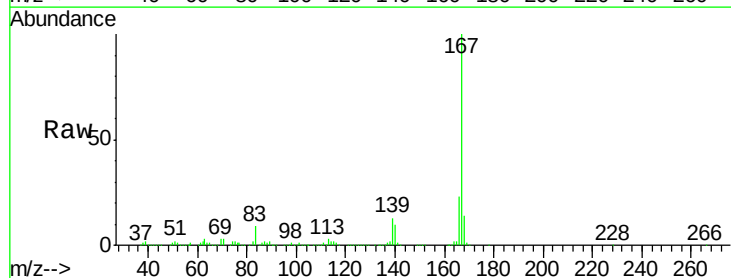
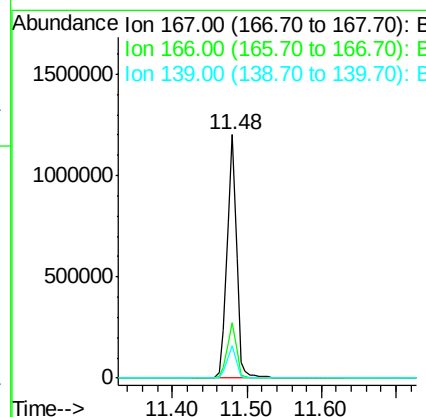
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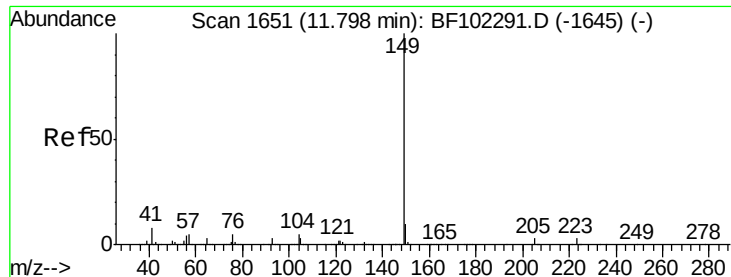
Sohil
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#72
 Carbazole
 Concen: 37.579 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion:167 Resp: 1065625
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.594 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB106132BS

Tgt Ion:149 Resp: 1297082

Ion Ratio Lower Upper

149 100

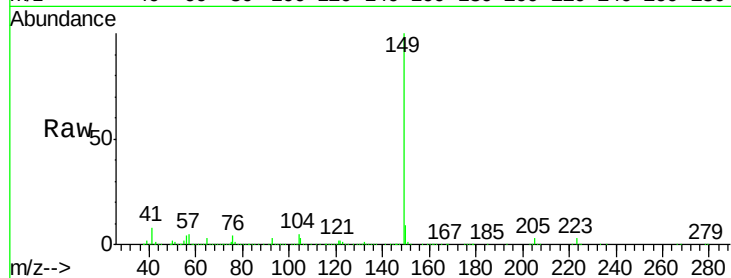
150 9.4 7.8 11.6

104 4.8 3.8 5.8

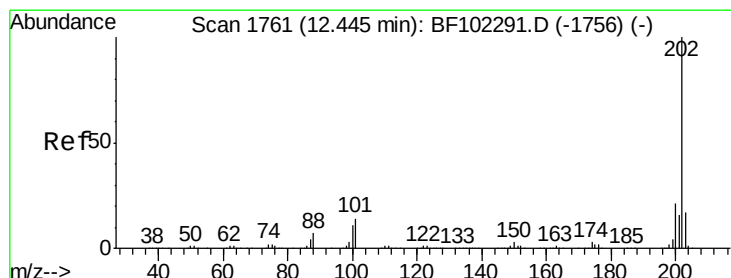
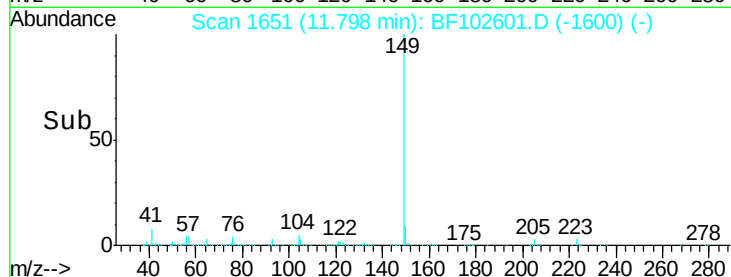
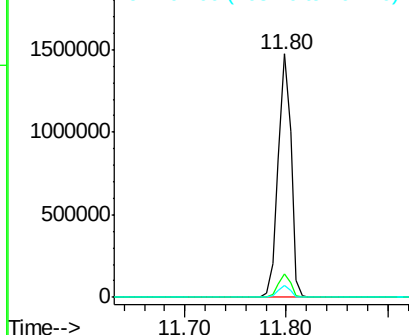
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.784 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

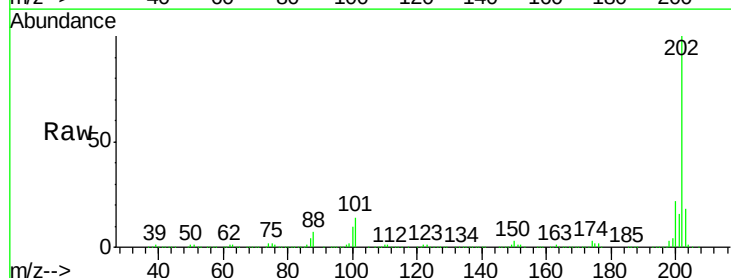
Tgt Ion:202 Resp: 1097259

Ion Ratio Lower Upper

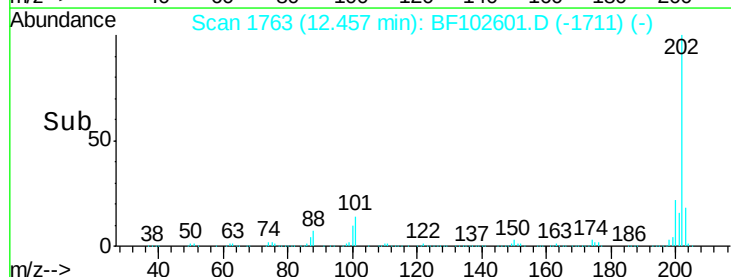
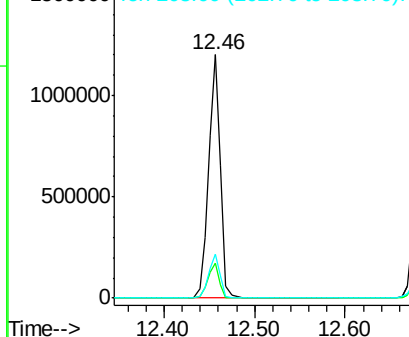
202 100

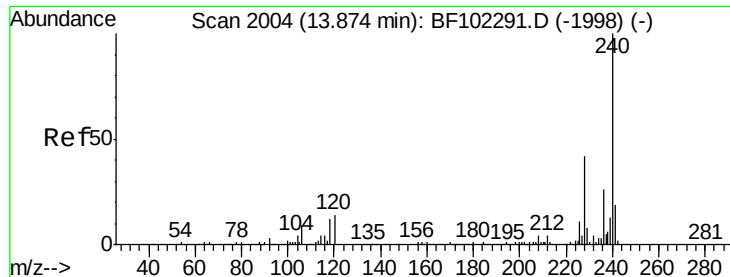
101 14.1 0.0 34.1

203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB106132BS

Tgt Ion:240 Resp: 375985

Ion Ratio Lower Upper

240 100

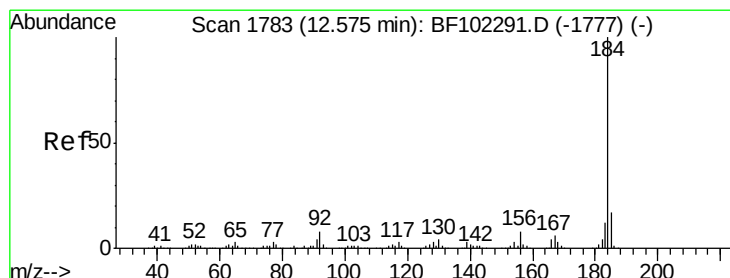
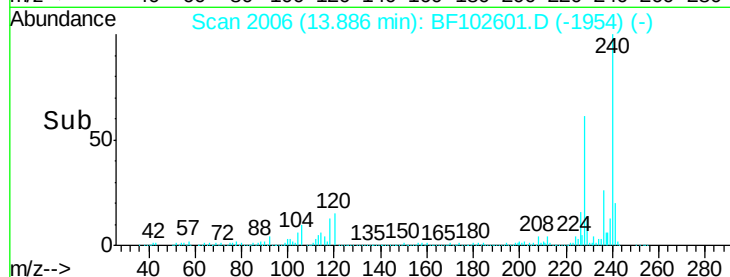
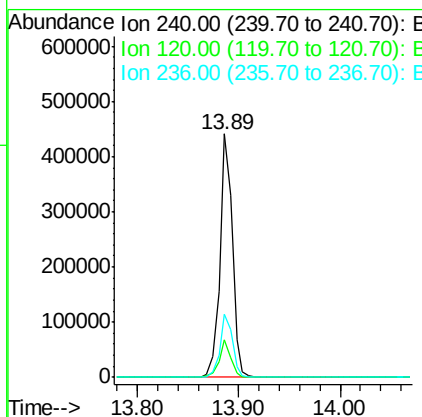
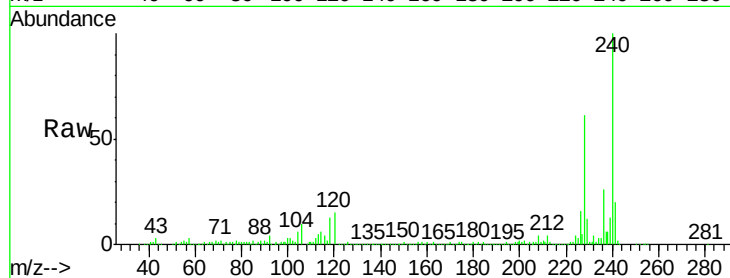
120 15.4 9.5 14.3#

236 25.8 20.7 31.1

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#76

Benzidine

Concen: 27.310 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

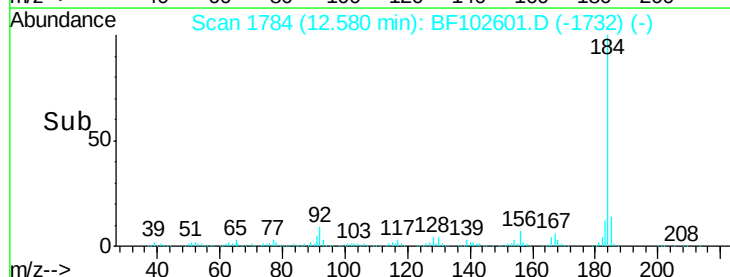
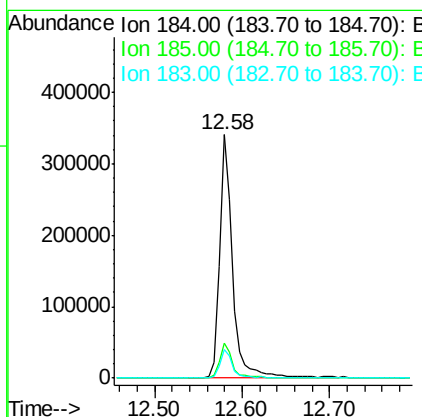
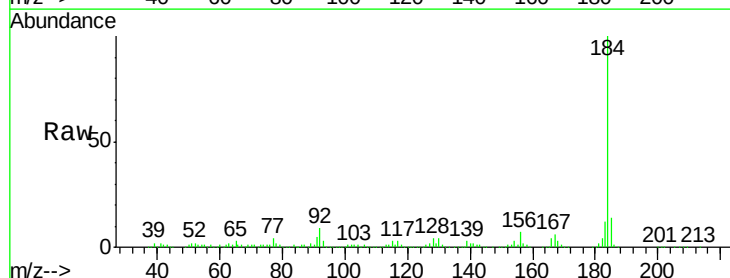
Tgt Ion:184 Resp: 344941

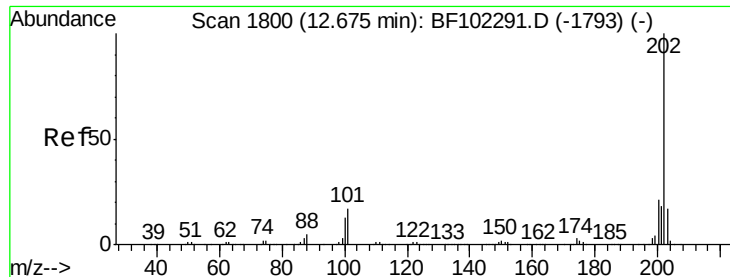
Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 11.9 9.3 13.9





#77

Pyrene

Concen: 38.792 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB106132BS

Tgt Ion: 202 Resp: 1127685

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

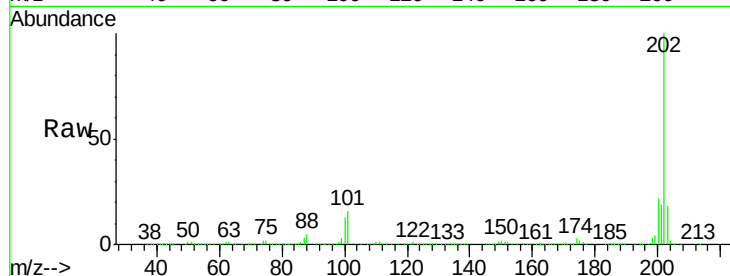
203 17.7 14.3 21.5

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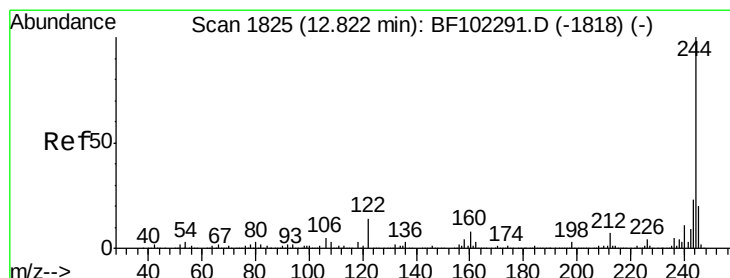
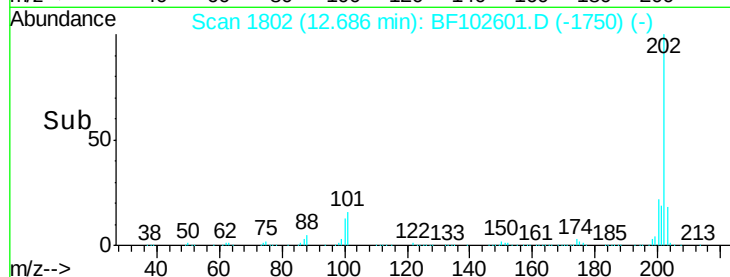
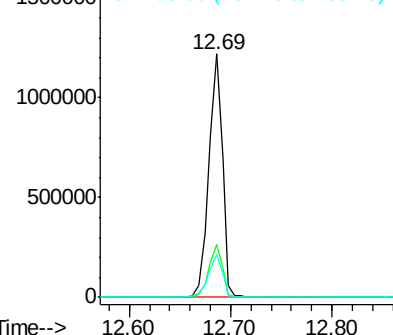
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.320 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

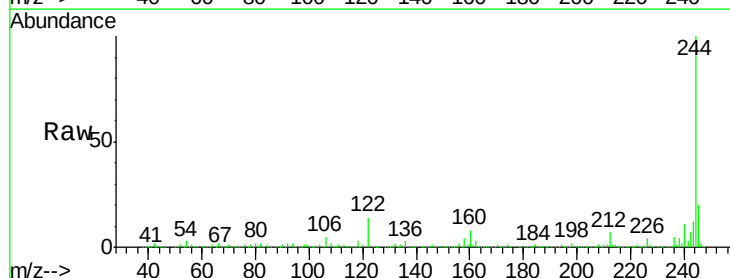
Tgt Ion: 244 Resp: 1356271

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

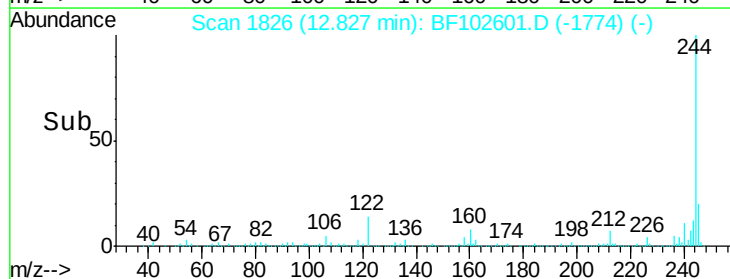
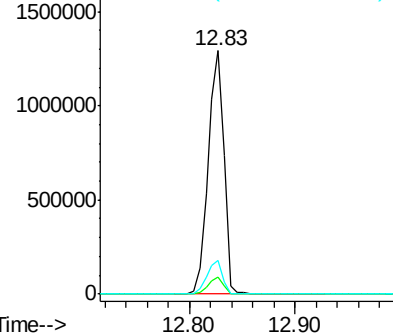
122 13.6 11.0 16.4

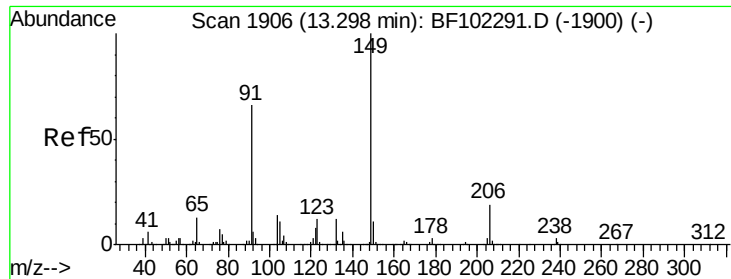


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





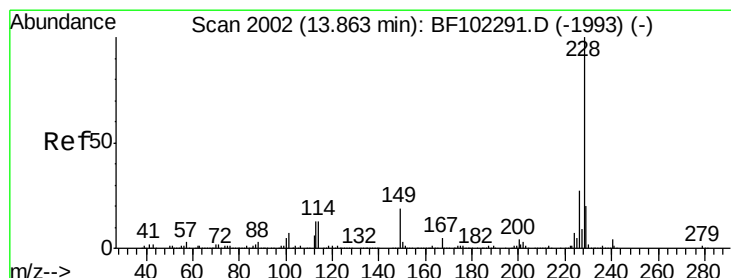
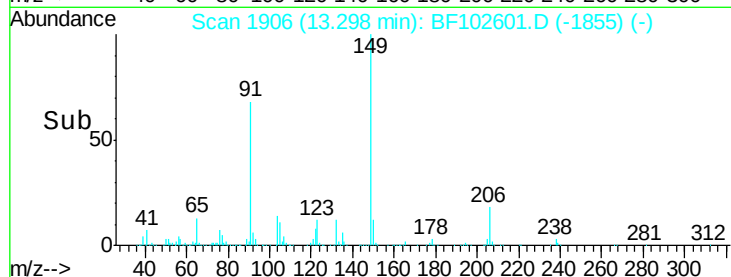
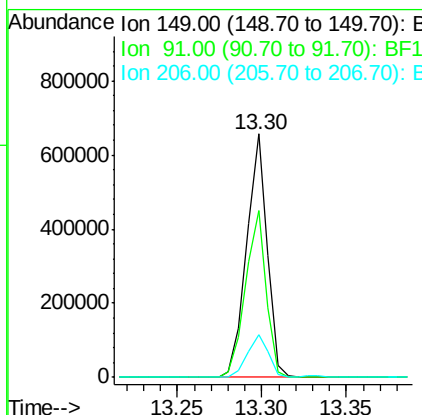
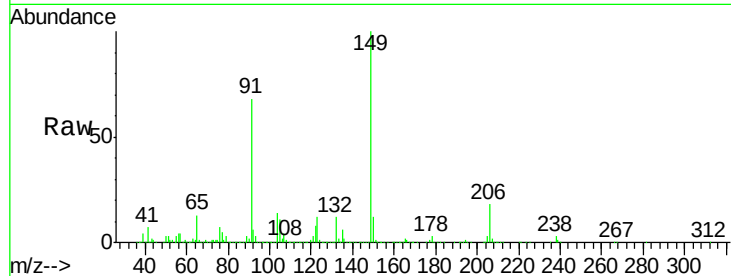
#79
Butylbenzylphthalate
Concen: 38.704 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	559913		
91	68.5	56.8	85.2	
206	17.7	14.1	21.1	

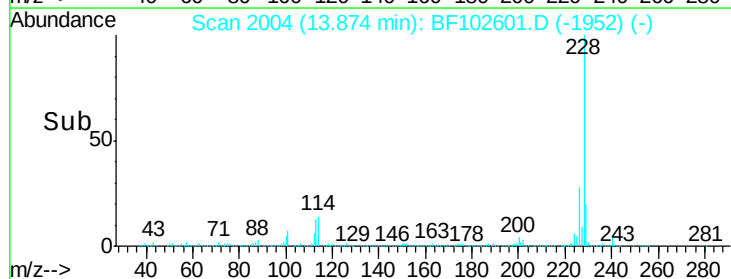
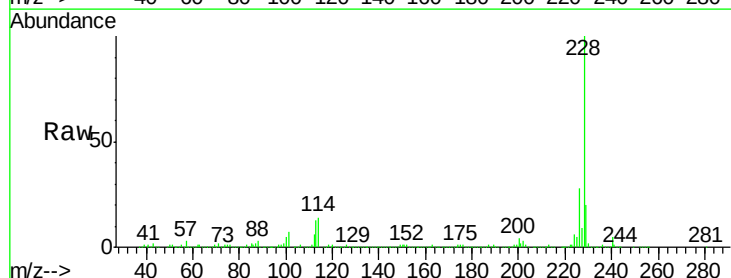
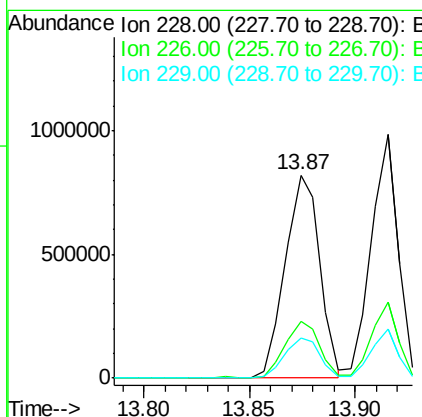
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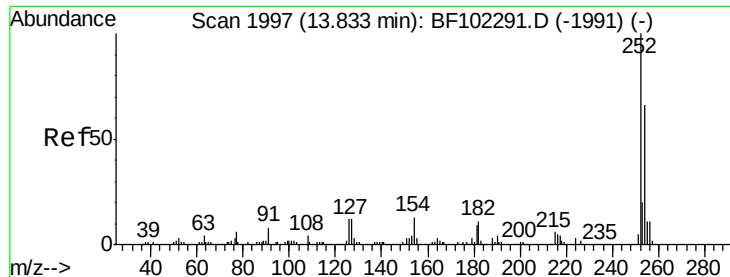
Sohil
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#80
Benzo(a)anthracene
Concen: 40.457 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	936504		
226	27.8	22.6	33.8	
229	19.6	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 23.669 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

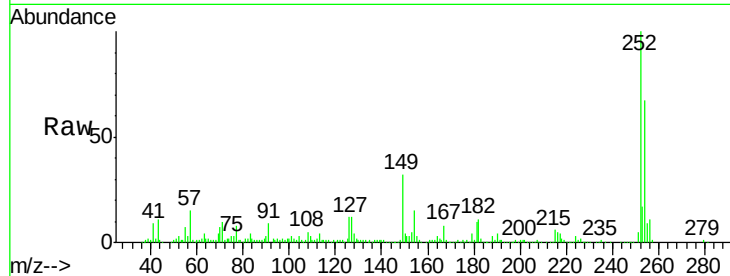
ClientSampleId :

PB106132BS

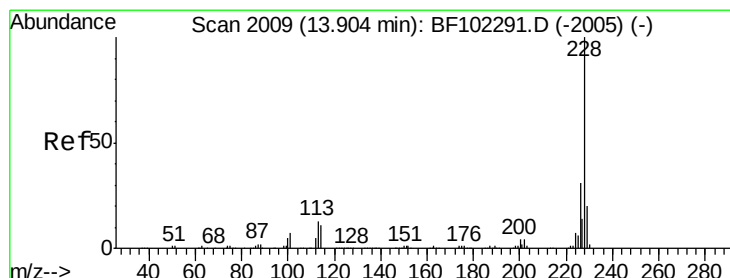
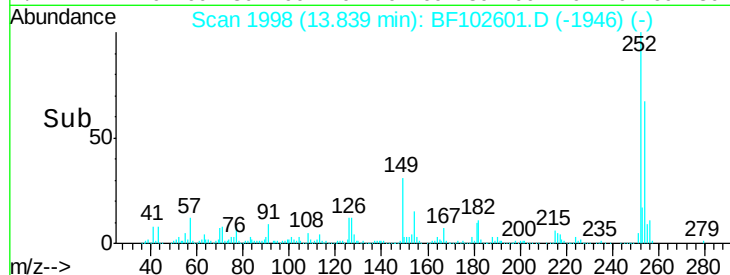
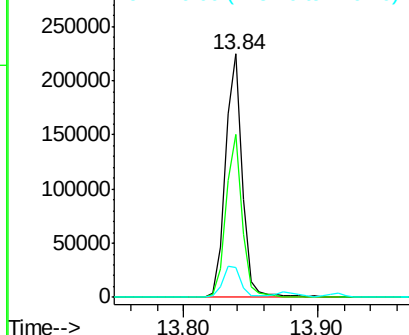
Tgt Ion:	252	Resp:	200987
Ion Ratio		Lower	Upper
252	100		
254	66.9	50.4	75.6
126	12.5	11.3	16.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.760 ng

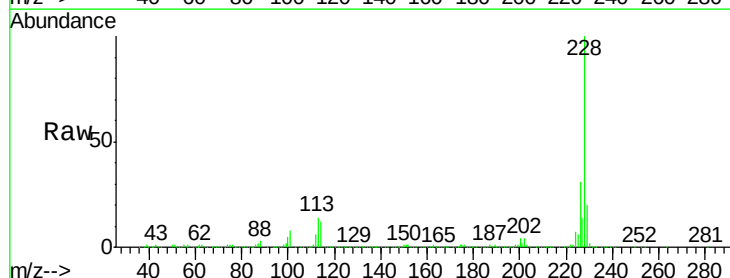
RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

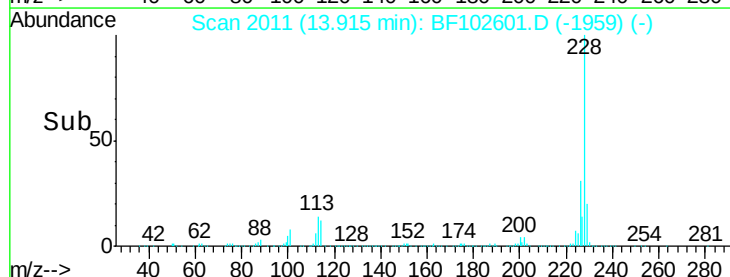
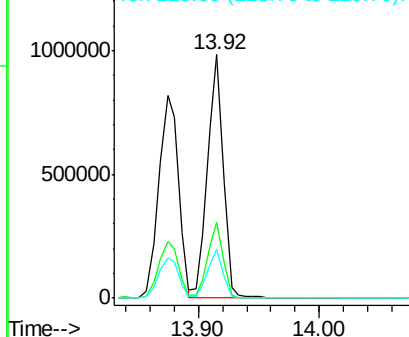
Lab File: BF102601.D

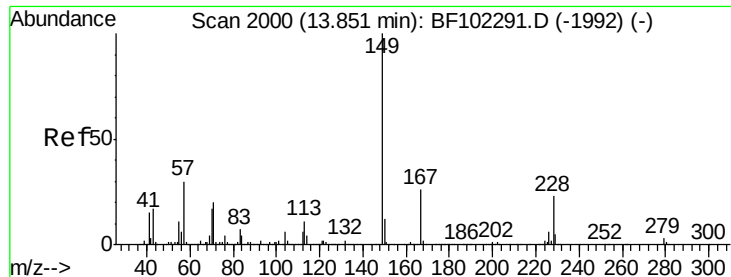
Acq: 29 Jan 2018 17:13

Tgt Ion:	228	Resp:	887624
Ion Ratio		Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.3	16.2	24.4



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





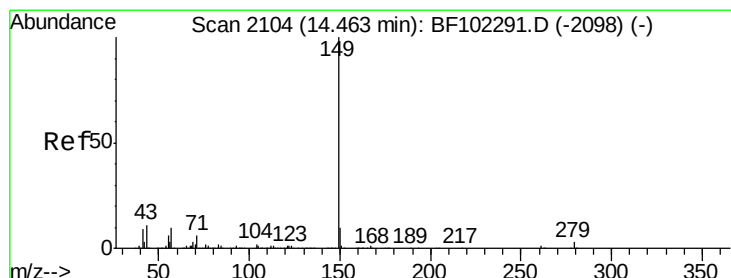
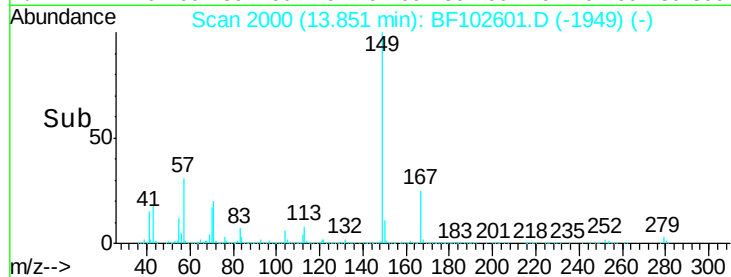
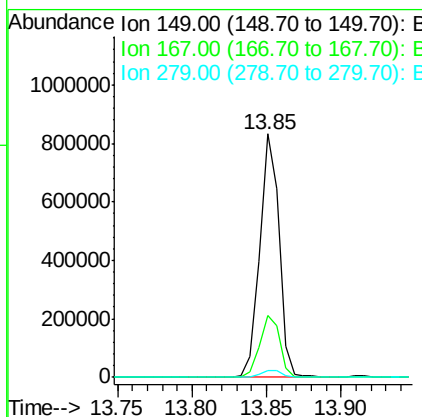
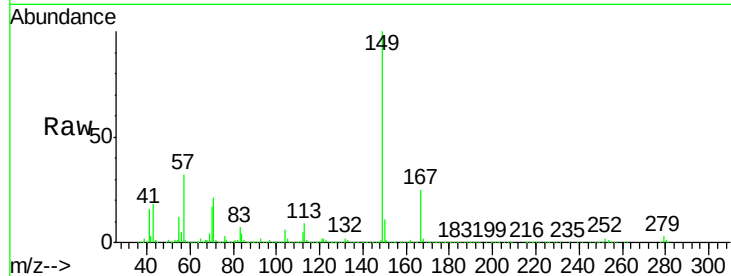
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.630 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Instrument :
 BNA_F
 ClientSampleID :
 PB106132BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	731598		
167	25.2	21.3	31.9	
279	2.8	3.0	4.4#	

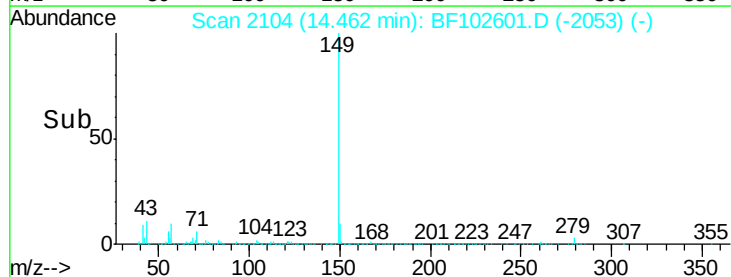
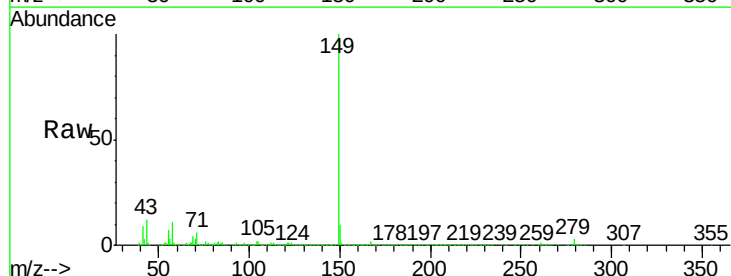
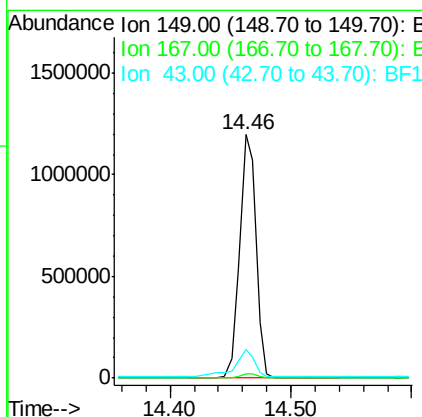
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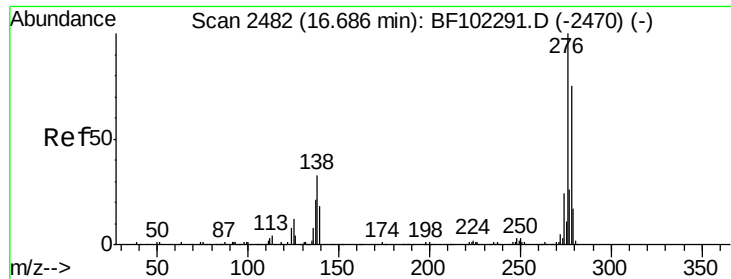
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 35.916 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102601.D
 Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1135561		
167	1.5	1.2	1.8	
43	13.0	8.4	12.6#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.109 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

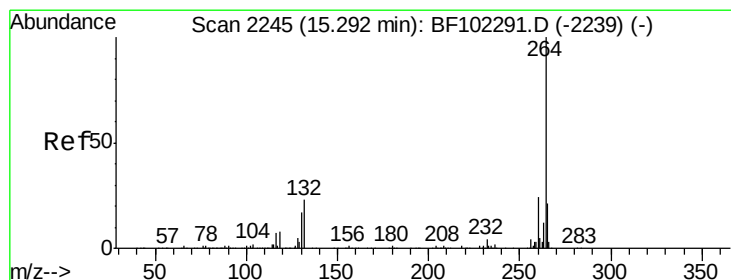
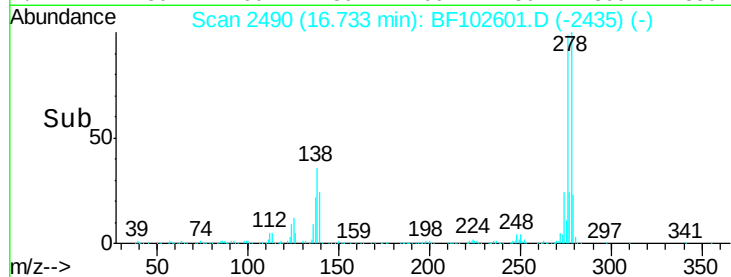
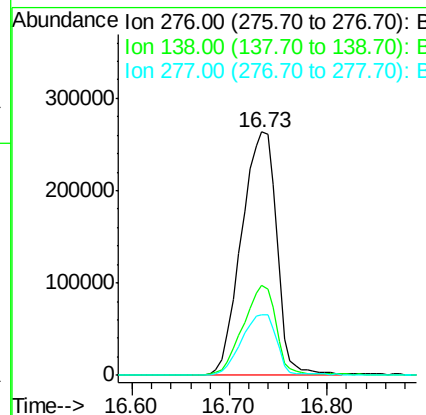
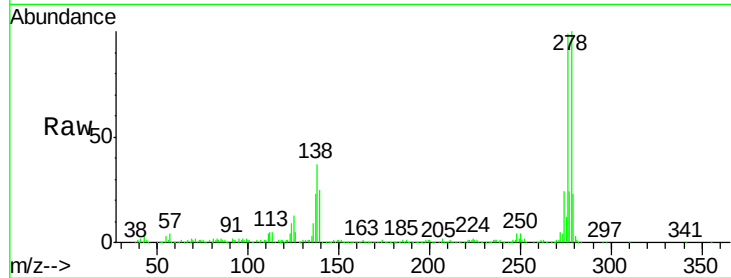
ClientSampleId :

PB106132BS

Tgt Ion:	276	Resp:	662170
Ion Ratio	Lower	Upper	
276	100		
138	34.7	25.0	37.6
277	25.2	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

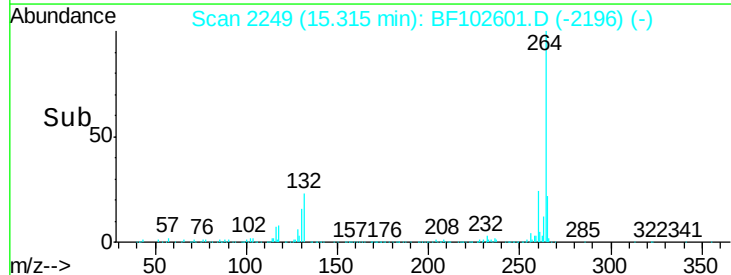
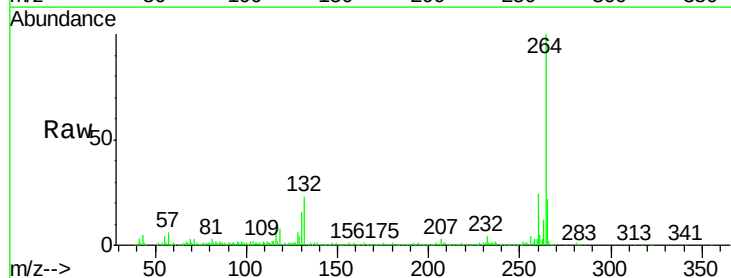
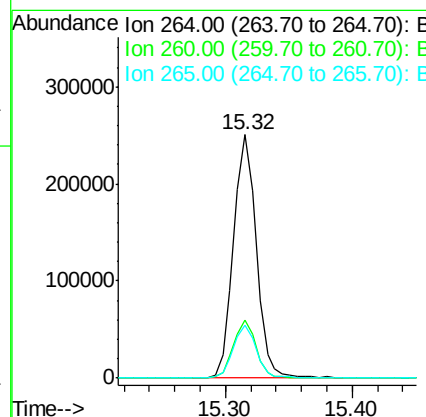
RT: 15.32 min Scan# 2249

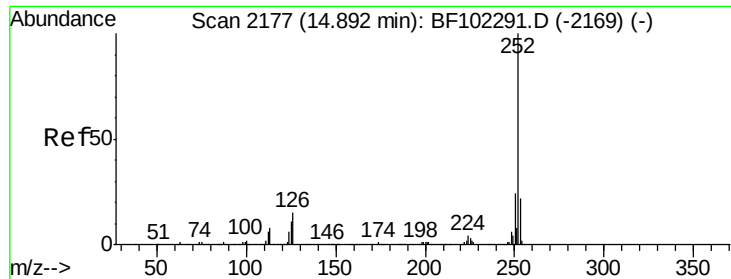
Delta R.T. 0.01 min

Lab File: BF102601.D

Acq: 29 Jan 2018 17:13

Tgt Ion:	264	Resp:	313053
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3





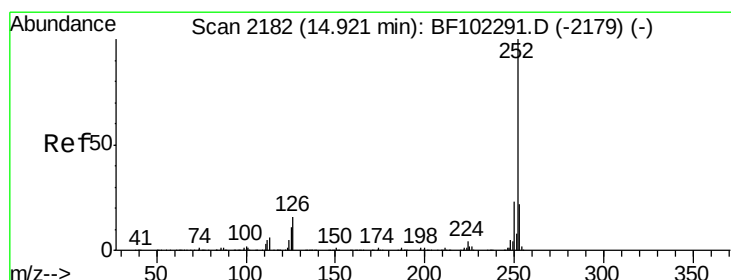
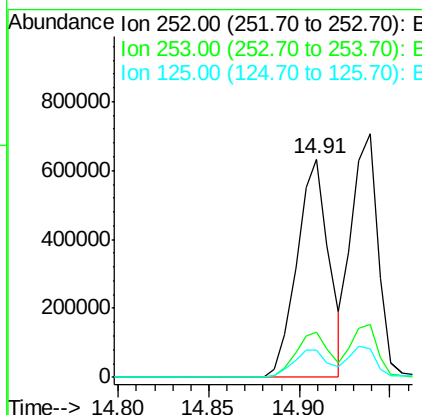
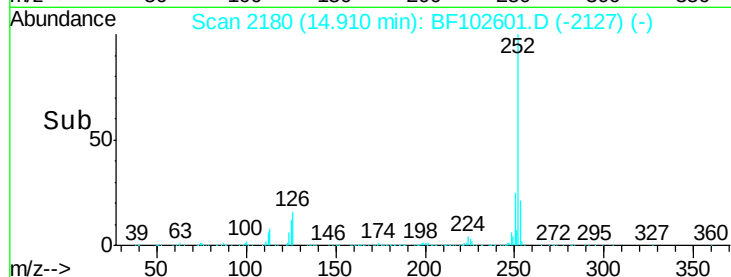
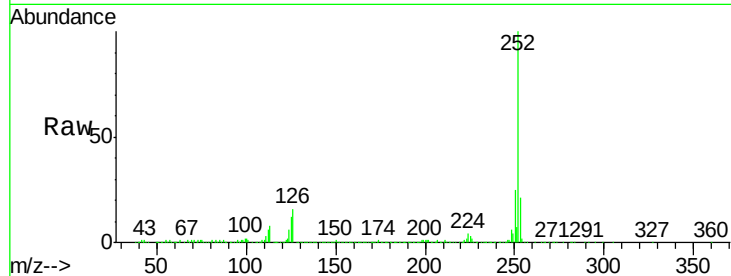
#87
Benzo(b)fluoranthene
Concen: 38.829 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.0	25.6
125	12.3	9.0	13.6

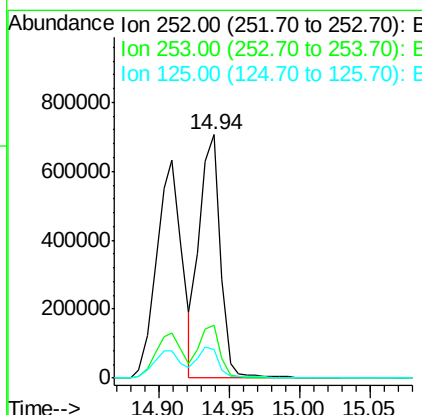
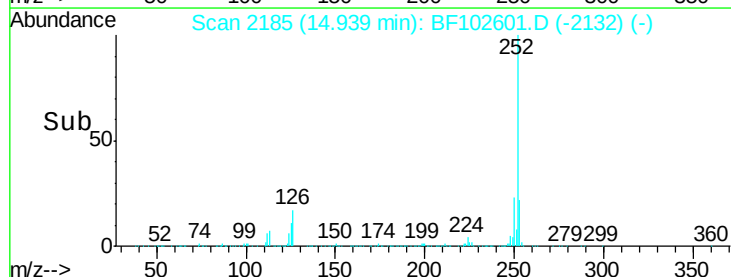
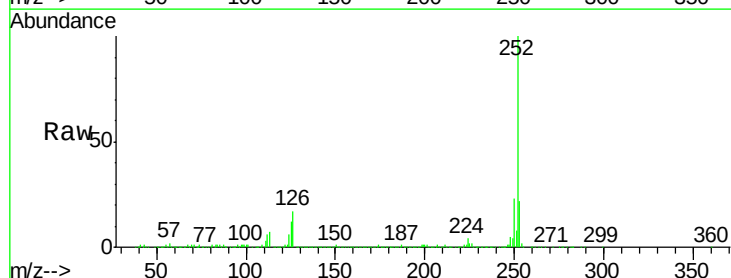
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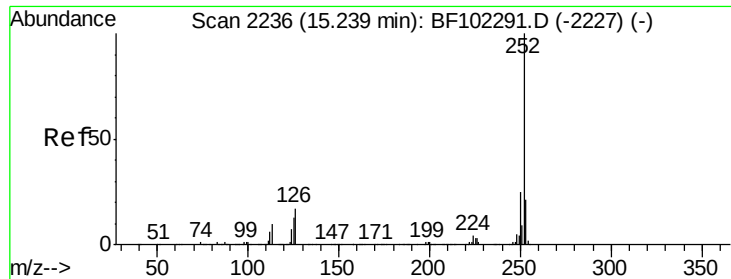
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#88
Benzo(k)fluoranthene
Concen: 38.018 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.8	10.2	15.2





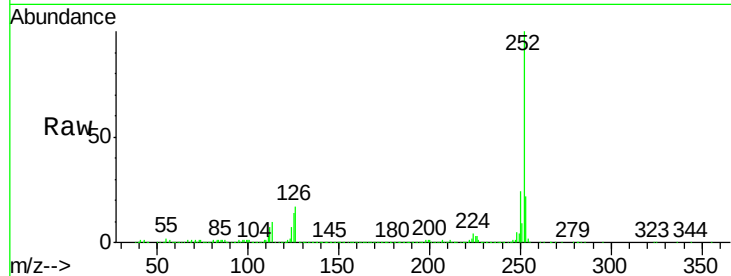
#89
Benzo(a)pyrene
Concen: 38.989 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Instrument :
BNA_F
ClientSampleId :
PB106132BS

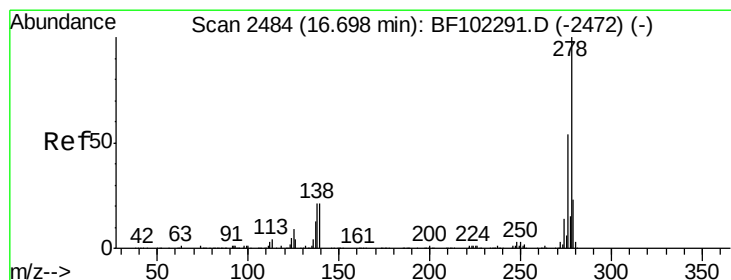
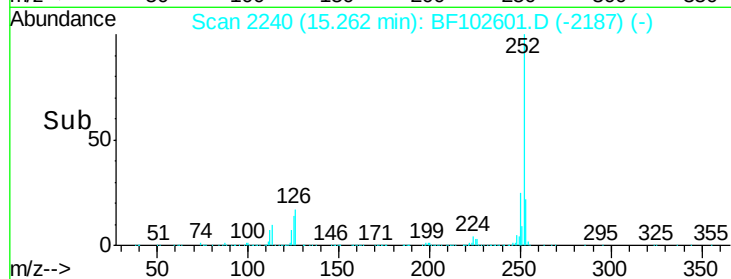
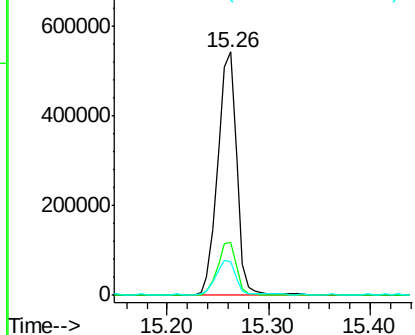
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.8	9.8	14.6

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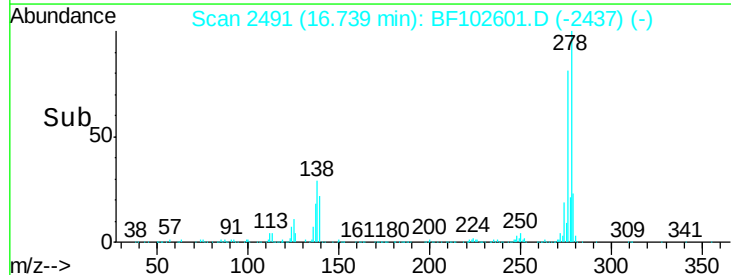
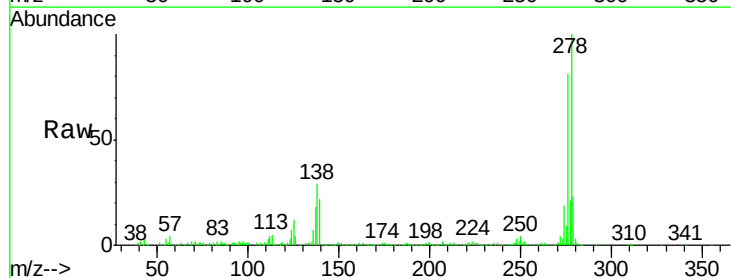
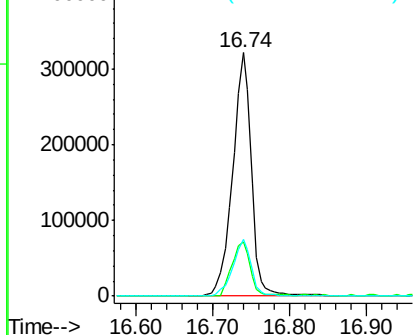
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

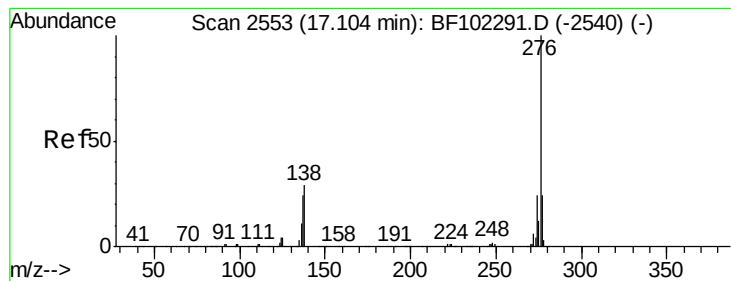


#90
Dibenzo(a,h)anthracene
Concen: 37.046 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF102601.D
Acq: 29 Jan 2018 17:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	23.3	19.0	28.4

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





#91

Benzo(g,h,i)perylene

Concen: 39.332 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

Lab File: BF102601.D

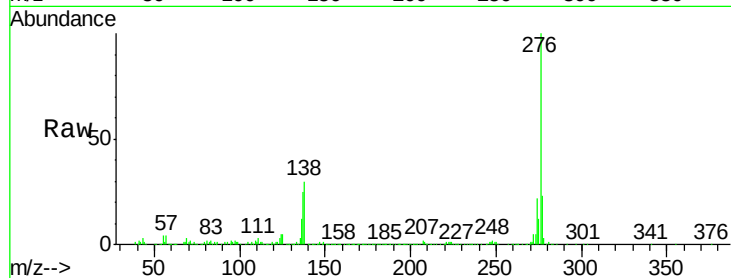
Acq: 29 Jan 2018 17:13

Instrument :

BNA_F

ClientSampleId :

PB106132BS



Tgt	Ion:276	Resp:	575699
Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	29.5	21.8	32.8

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