

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102153.D
 Acq On : 17 Jan 2018 16:45
 Operator : SJ/JU
 Sample : PB105727BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Manual Integrations
 APPROVED

Sohil
 1/18/2018 11:12:24 AM

Quant Time: Jan 18 01:49:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147740	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	616077	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	274554	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	437676	20.00	ng	0.00
75) Chrysene-d12	13.87	240	252543	20.00	ng	0.00
86) Perylene-d12	15.29	264	254679	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1205732	115.24	ng	0.02
7) Phenol-d6	6.37	99	1462933	117.19	ng	0.01
23) Nitrobenzene-d5	7.29	82	926800	88.40	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	317396	132.47	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1641732	93.42	ng	0.00
78) Terphenyl-d14	12.83	244	1213943	99.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	163114	31.240	ng	95
3) Pyridine	3.18	79	456467	32.013	ng	92
4) n-Nitrosodimethylamine	3.14	42	230605	38.620	ng	90
6) Aniline	6.39	93	440944	25.065	ng	99
8) 2-Chlorophenol	6.51	128	446863	42.586	ng	99
9) Benzaldehyde	6.27	77	60037	6.927	ng	97
10) Phenol	6.38	94	520358	36.886	ng	79
11) bis(2-Chloroethyl)ether	6.47	93	407023	37.907	ng	100
12) 1,3-Dichlorobenzene	6.66	146	473590	39.152	ng	99
13) 1,4-Dichlorobenzene	6.74	146	482013	39.934	ng	99
14) 1,2-Dichlorobenzene	6.89	146	449617	40.245	ng	99
15) Benzyl Alcohol	6.87	79	367742	40.274	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	686780	34.697	ng	99
17) 2-Methylphenol	6.99	107	371927	39.291	ng	98
18) Hexachloroethane	7.23	117	174502	41.055	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	303946	37.155	ng	95
20) 3+4-Methylphenols	7.14	107	435906	38.353	ng	# 70
22) Acetophenone	7.14	105	613583	41.336	ng	# 88
24) Nitrobenzene	7.31	77	461274	40.946	ng	99
25) Isophorone	7.55	82	843659	40.726	ng	98
26) 2-Nitrophenol	7.62	139	255043	54.090	ng	99
27) 2,4-Dimethylphenol	7.67	122	401770	45.625	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	526200	42.069	ng	100
29) 2,4-Dichlorophenol	7.87	162	376753	45.058	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	371468	42.472	ng	99
31) Naphthalene	8.03	128	1268135	41.194	ng	99
32) Benzoic acid	7.81	122	284846	42.658	ng	97
33) 4-Chloroaniline	8.07	127	216873	16.506	ng	99
34) Hexachlorobutadiene	8.14	225	198935	42.971	ng	98
35) Caprolactam	8.47	113	130925m	45.610	ng	
36) 4-Chloro-3-methylphenol	8.57	107	402153	43.938	ng	99
37) 2-Methylnaphthalene	8.72	142	869724	42.915	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	352094	45.330	ng	99
40) Hexachlorocyclopentadiene	8.87	237	290062	68.284	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	245743	45.911	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	258501	42.730	nq	99
45) 1,1'-Biphenyl	9.19	154	997459	41.102	nq	98
46) 2-Chloronaphthalene	9.21	162	765100	40.657	nq	99
47) 2-Nitroaniline	9.31	65	247513	43.908	nq	96
48) Acenaphthylene	9.62	152	1153930	38.639	nq	99
49) Dimethylphthalate	9.49	163	920117	41.776	nq	100
50) 2,6-Dinitrotoluene	9.55	165	204659	46.519	nq	99
51) Acenaphthene	9.79	154	682182	37.634	nq	100
52) 3-Nitroaniline	9.72	138	143304	25.809	nq	97
53) 2,4-Dinitrophenol	9.83	184	138837	82.298	nq	# 24
54) Dibenzofuran	9.97	168	1019623	40.986	nq	99
55) 4-Nitrophenol	9.89	139	343078	82.912	nq	95
56) 2,4-Dinitrotoluene	9.96	165	255377	46.312	nq	96
57) Fluorene	10.31	166	765796	44.529	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	197905	45.950	nq	98
59) Diethylphthalate	10.19	149	886315	40.455	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	339020	46.295	nq	96
61) 4-Nitroaniline	10.33	138	207414	39.362	nq	96
62) Azobenzene	10.46	77	811469	37.227	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	90133	39.107	nq	87
65) n-Nitrosodiphenylamine	10.42	169	714595	43.602	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	211421	45.742	nq	91
67) Hexachlorobenzene	10.85	284	220441	43.687	nq	96
68) Atrazine	10.95	200	230867	48.743	nq	100
69) Pentachlorophenol	11.05	266	231740	75.316	nq	98
70) Phenanthrene	11.27	178	1042676	40.784	nq	98
71) Anthracene	11.32	178	1083046	41.770	nq	100
72) Carbazole	11.47	167	992264	38.935	nq	99
73) Di-n-butylphthalate	11.80	149	1315772	42.082	nq	99
74) Fluoranthene	12.45	202	932958	37.090	nq	97
76) Benzidine	12.57	184	478432	39.232	nq	98
77) Pyrene	12.68	202	906013	40.586	nq	99
79) Butylbenzylphthalate	13.30	149	455057	44.419	nq	100
80) Benzo(a)anthracene	13.86	228	641683	39.824	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	221999	37.210	nq	99
82) Chrysene	13.90	228	654581	38.960	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	543308	46.230	nq	99
84) Di-n-octyl phthalate	14.47	149	872973	44.764	nq	100
85) Indeno(1,2,3-cd)pyrene	16.67	276	711548	58.187	nq	99
87) Benzo(b)fluoranthene	14.89	252	662544	39.898	nq	100
88) Benzo(k)fluoranthene	14.92	252	620642	38.743	nq	98
89) Benzo(a)pyrene	15.23	252	636725	42.610	nq	99
90) Dibenzo(a,h)anthracene	16.69	278	587436	49.261	nq	97
91) Benzo(g,h,i)perylene	17.09	276	579082	48.208	nq	97

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

```

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Misc      :
ALS Vial  : 8      Sample Multiplier: 1

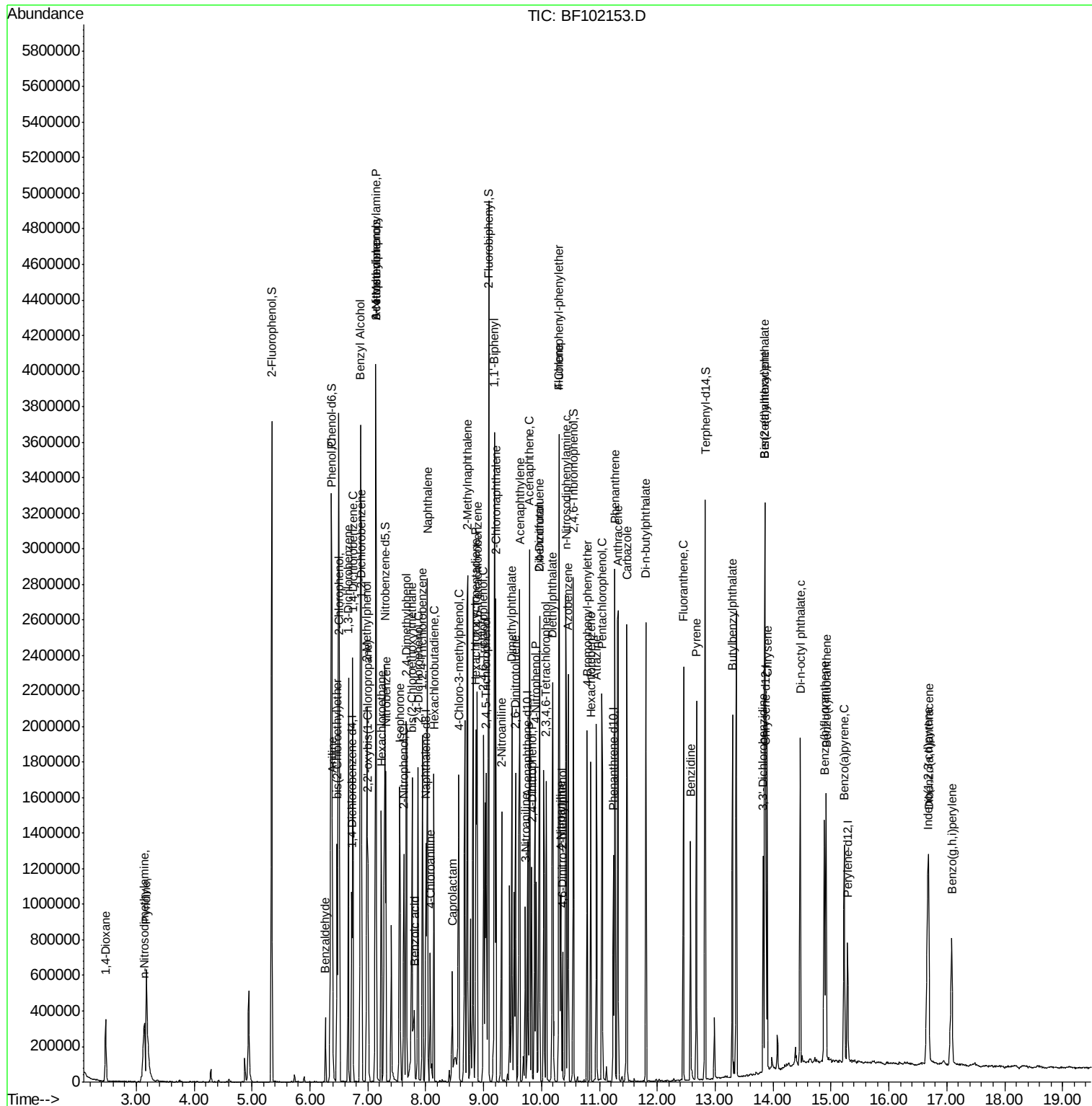
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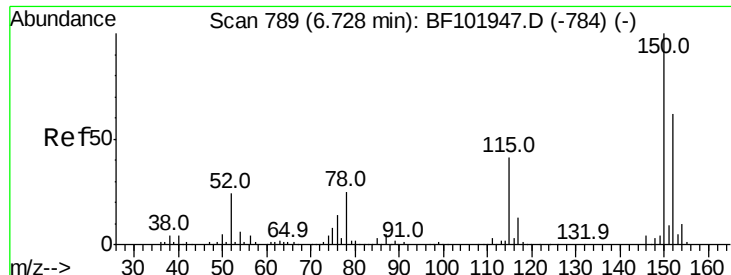
Instrument :
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#1

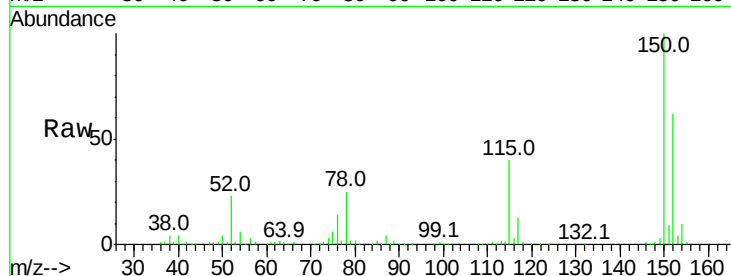
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

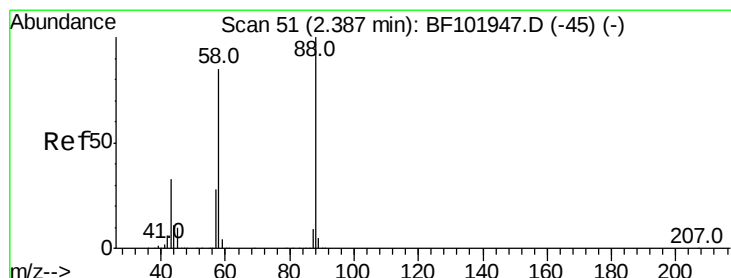
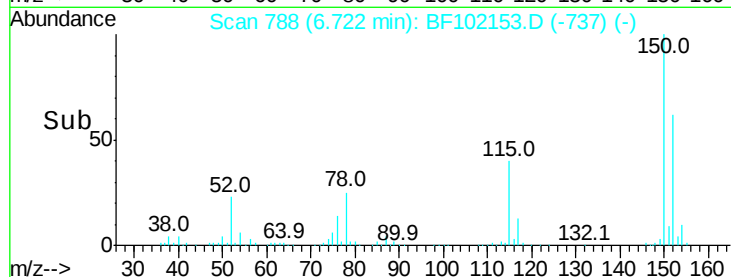
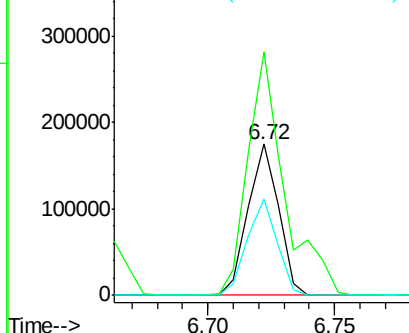
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	63.8	50.1	75.1

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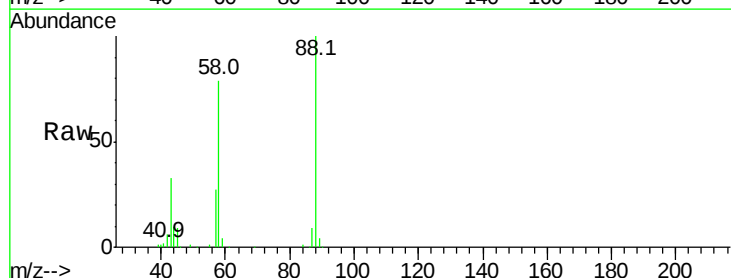
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



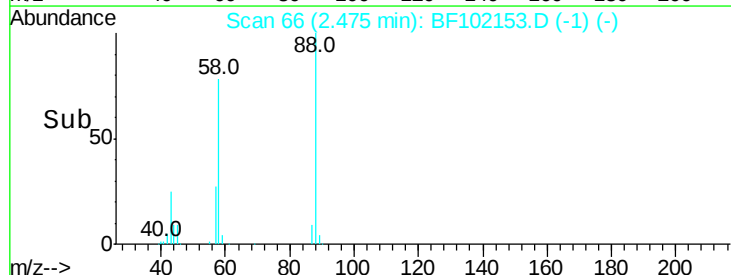
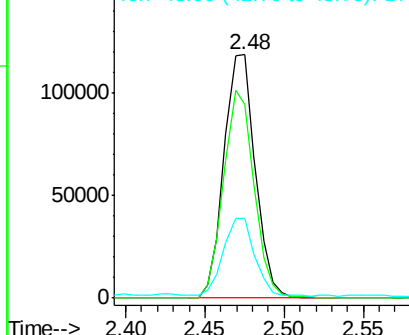
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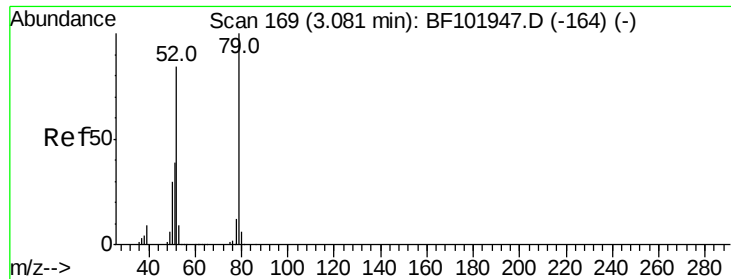
1,4-Dioxane
Concen: 31.240 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.09 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	62.6	93.8
43	32.0	24.6	37.0



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





#3

Pvridine

Concen: 32.013 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.09 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

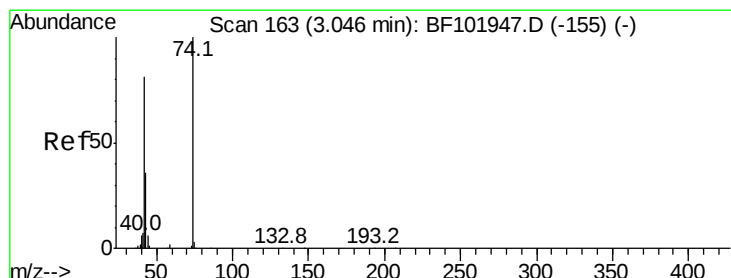
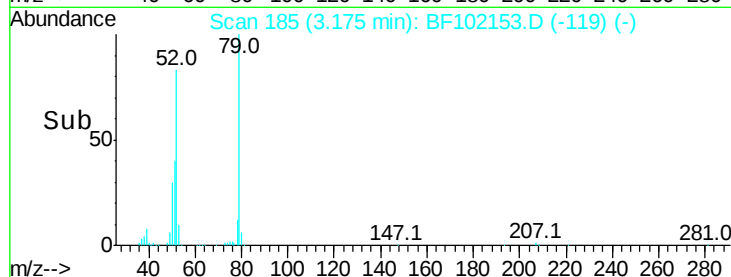
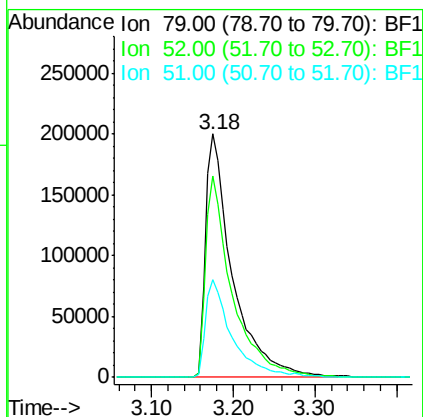
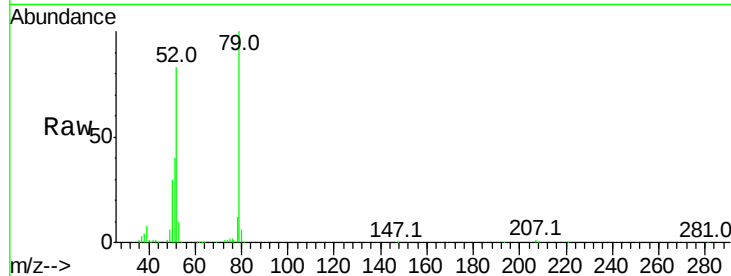
ClientSampleId :

PB105727BS

Tot Ion:	79	Resp:	456467
Ion Ratio	Lower	Upper	
79	100		
52	82.5	59.8	89.6
51	40.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 38.620 ng

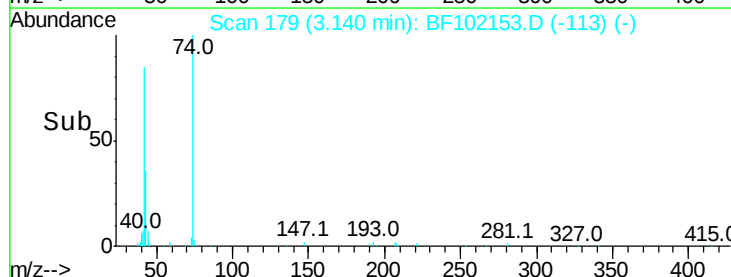
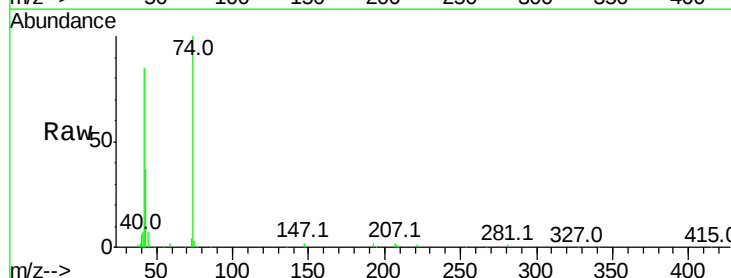
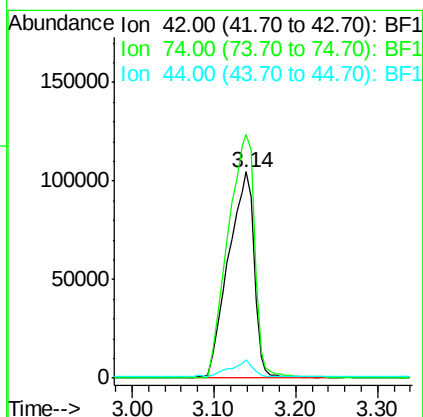
RT: 3.14 min Scan# 179

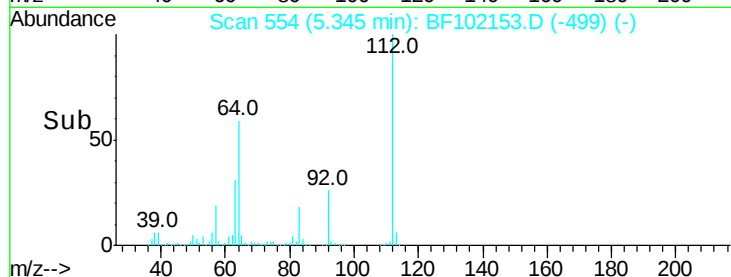
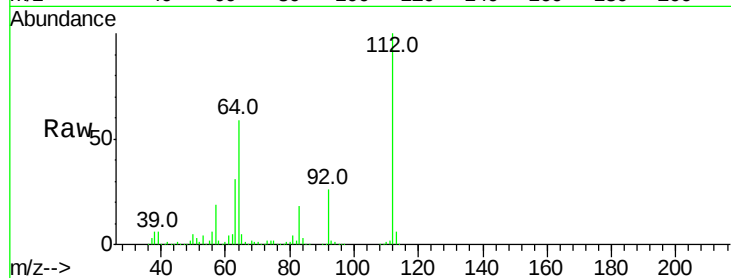
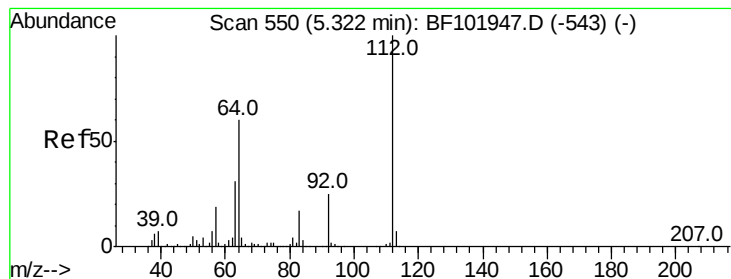
Delta R.T. 0.09 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	42	Resp:	230605
Ion Ratio	Lower	Upper	
42	100		
74	118.0	104.9	157.3
44	8.7	6.9	10.3





#5

2-Fluorophenol

Concen: 115.242 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

PB105727BS

Tot Ion:112 Resp: 1205732

Ion Ratio Lower Upper

112 100

64 58.6 47.9 71.9

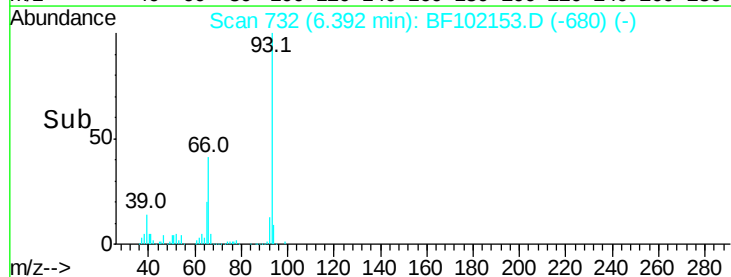
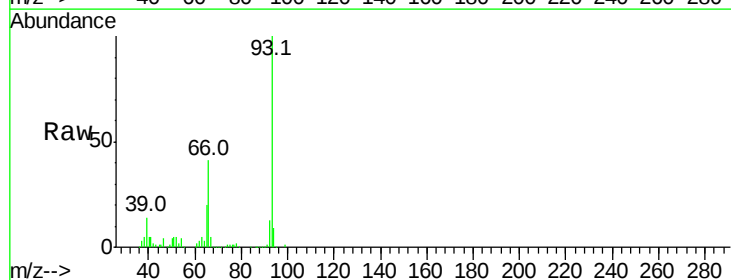
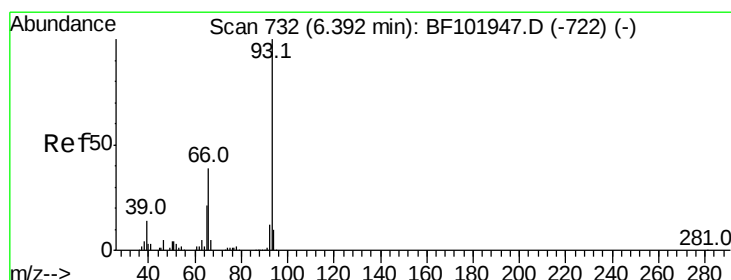
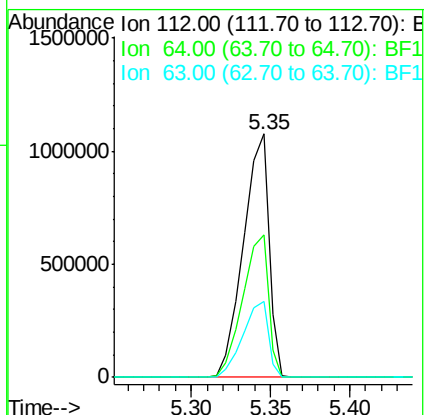
63 30.9 23.7 35.5

Manual Integrations

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#6

Aniline

Concen: 25.065 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

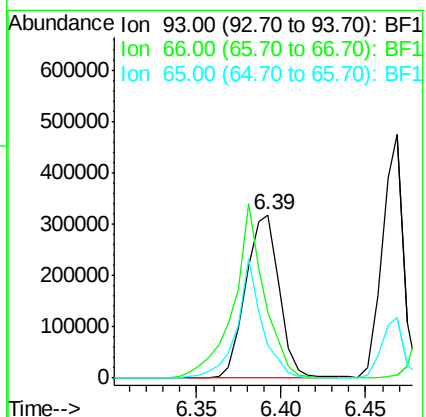
Tgt Ion: 93 Resp: 440944

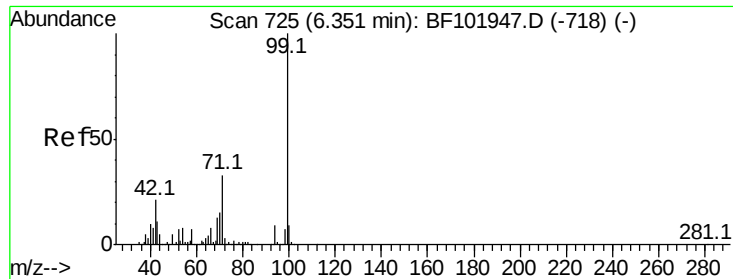
Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 117.195 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1462933

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

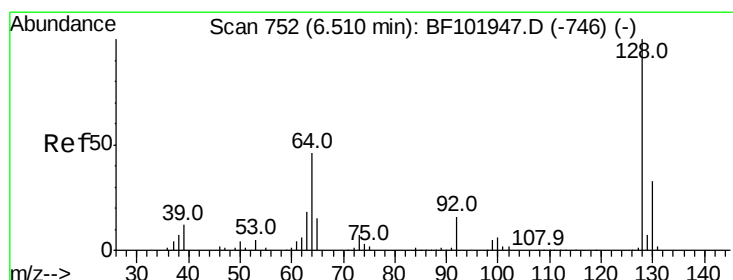
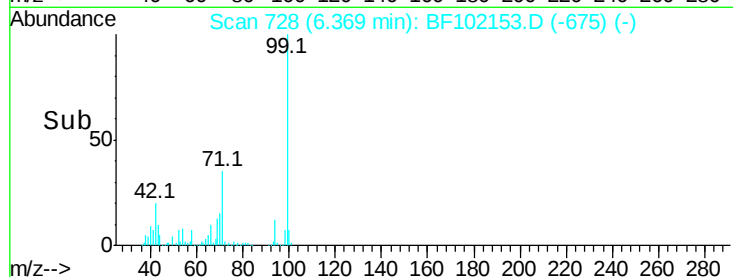
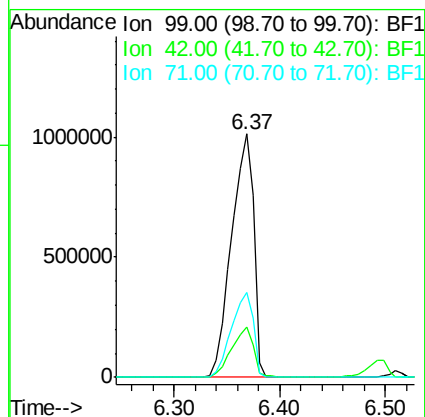
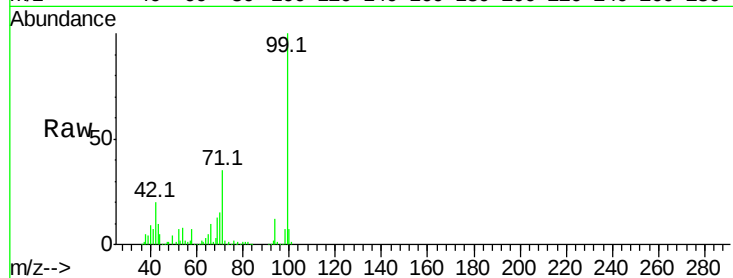
71 34.9 25.4 38.0

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#8

2-Chlorophenol

Concen: 42.586 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

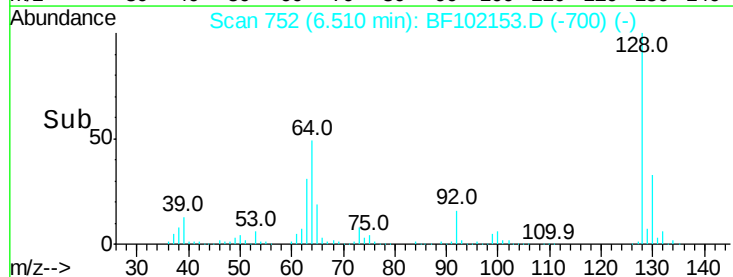
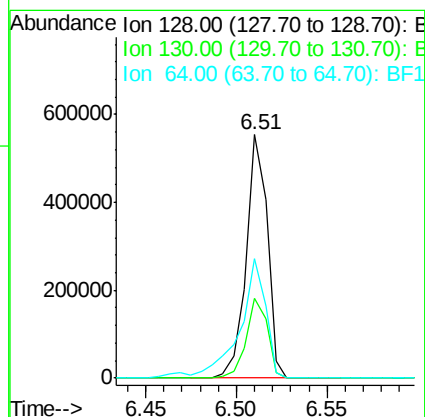
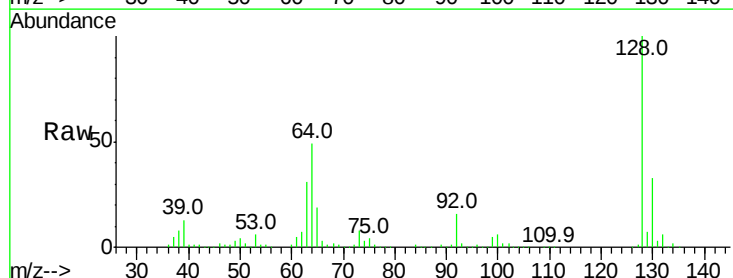
Tgt Ion: 128 Resp: 446863

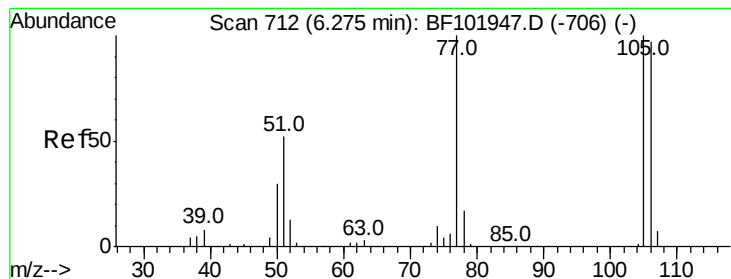
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 49.2 29.4 69.4





#9

Benzaldehyde

Concen: 6.927 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampled :

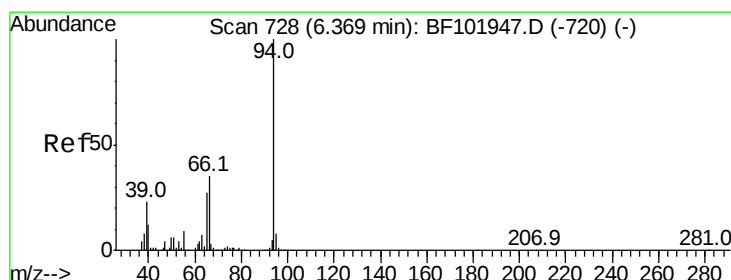
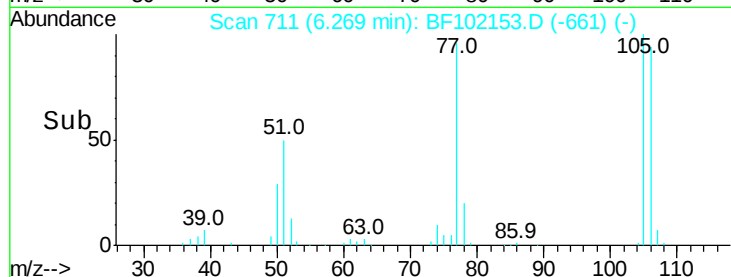
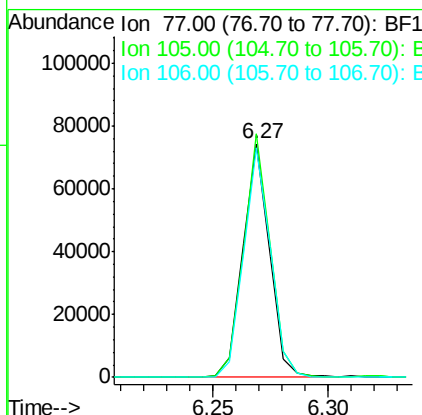
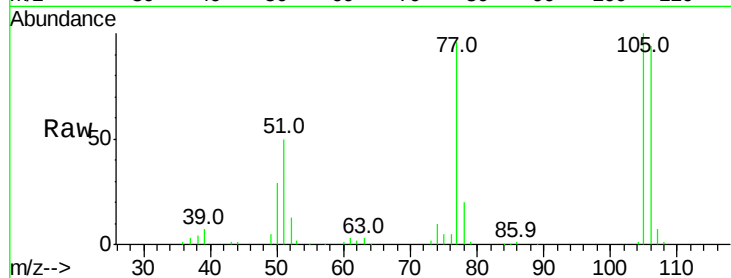
PB105727BS

Tot Ion: 77 Resp: 60037

Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.1	121.1
106	98.3	74.5	114.5

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#10

Phenol

Concen: 36.886 ng

RT: 6.38 min Scan# 730

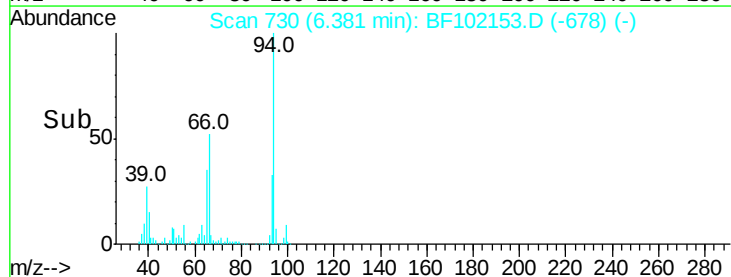
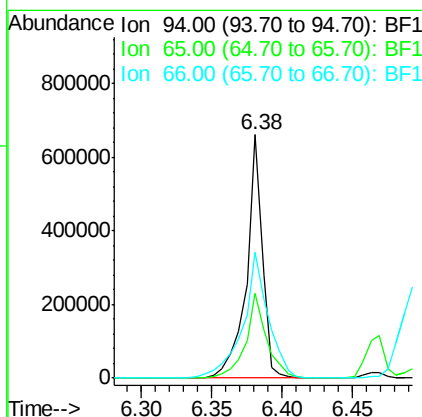
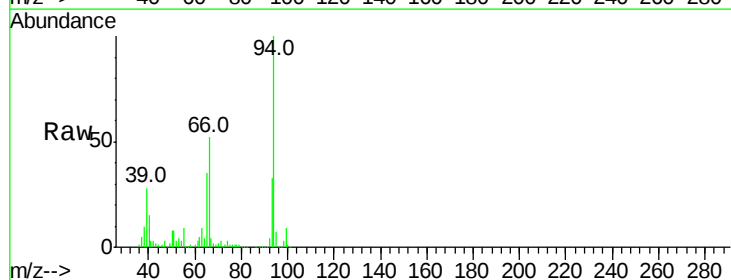
Delta R.T. 0.01 min

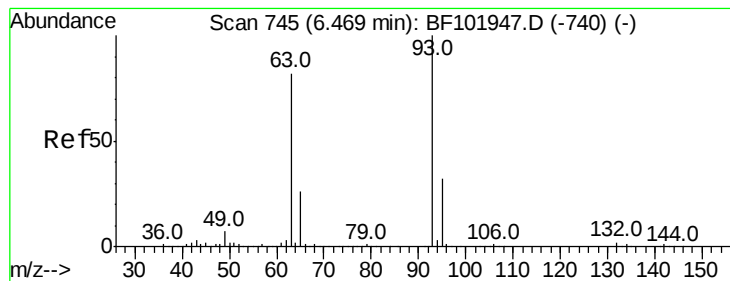
Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion: 94 Resp: 520358

Ion	Ratio	Lower	Upper
94	100		
65	35.1	7.9	47.9
66	51.5	16.2	56.2





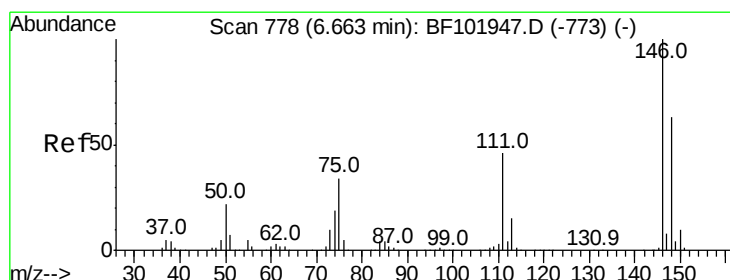
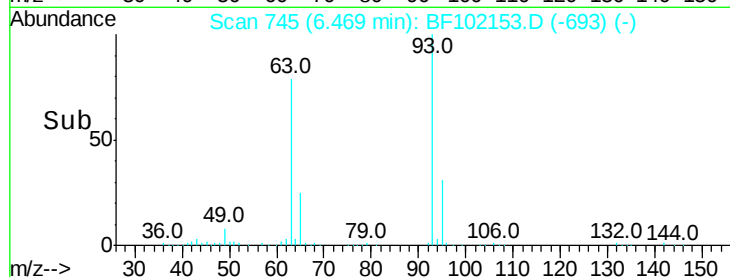
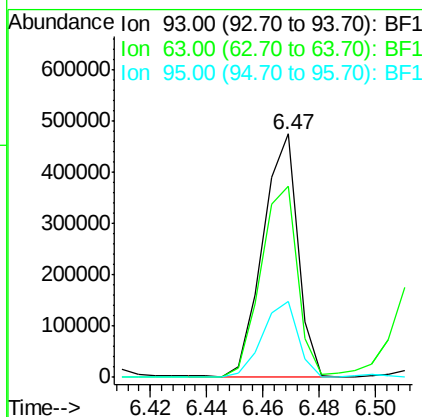
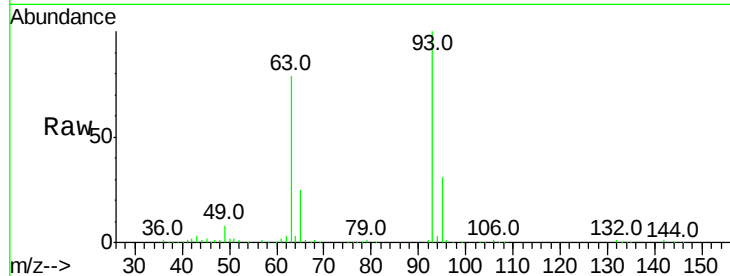
#11
bis(2-Chloroethyl)ether
Concen: 37.907 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.6	98.6
95	31.2	11.8	51.8

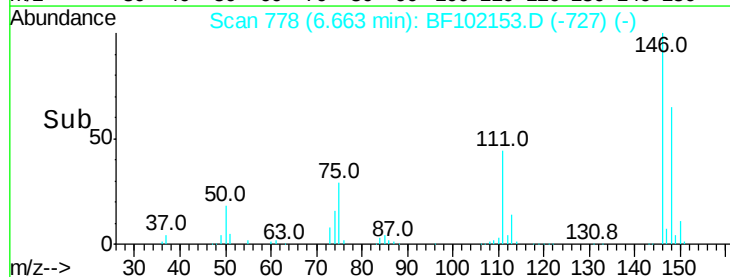
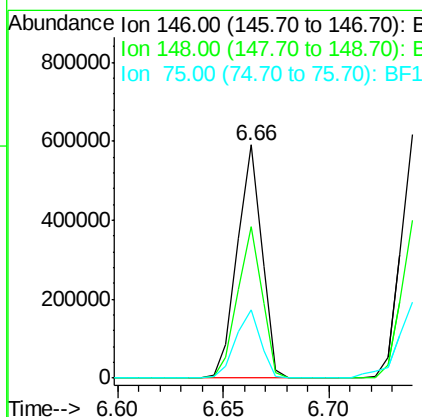
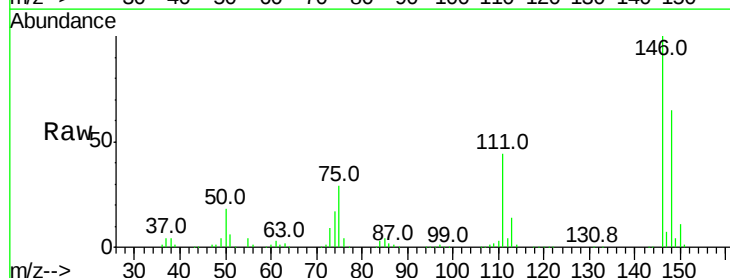
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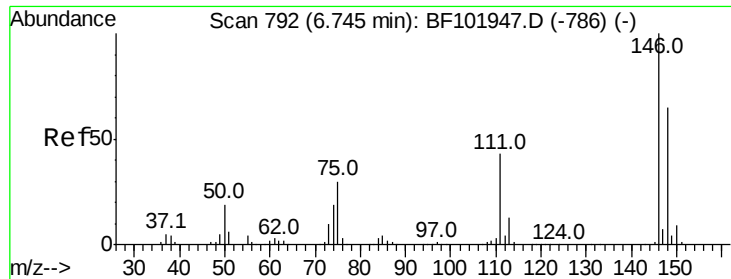
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.152 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	29.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.934 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

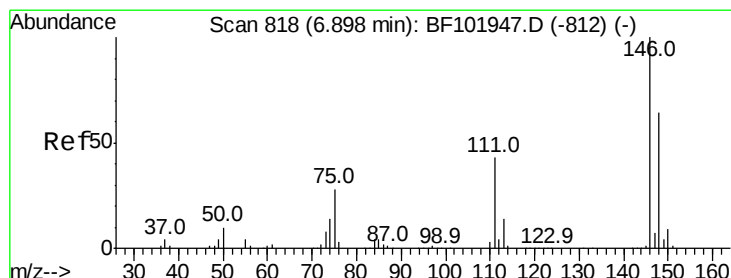
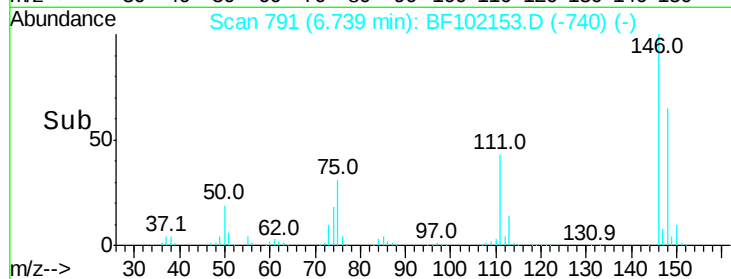
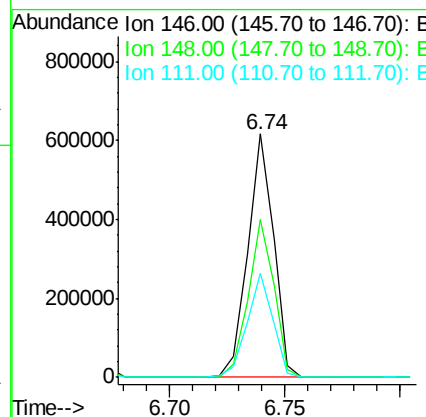
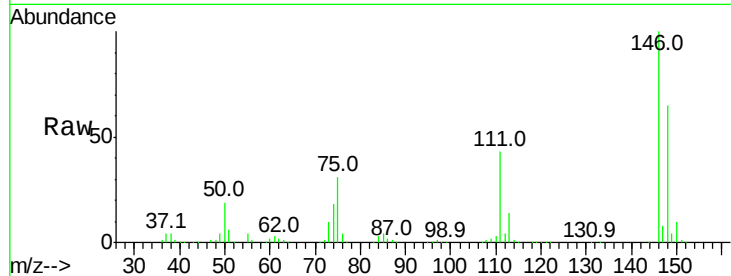
ClientSampleId :

PB105727BS

Tot Ion:	146	Resp:	482013
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.8	76.2
111	42.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.245 ng

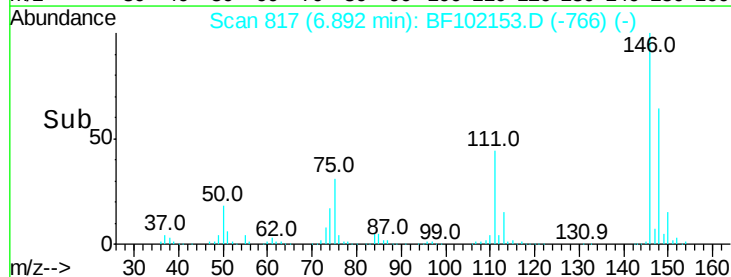
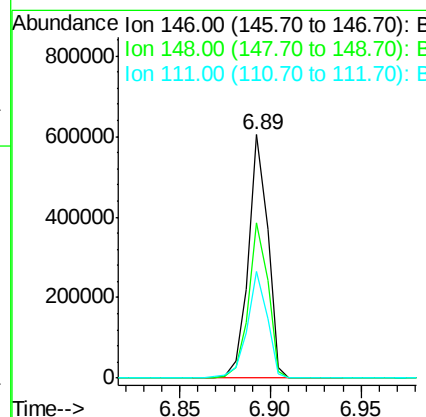
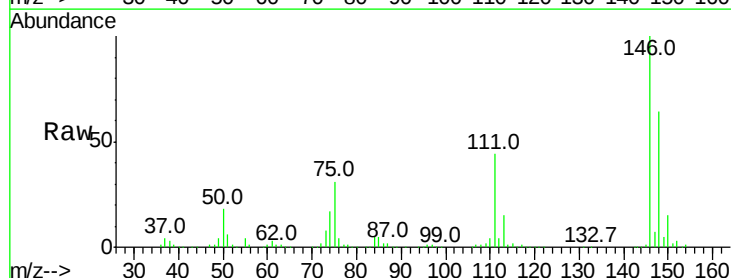
RT: 6.89 min Scan# 817

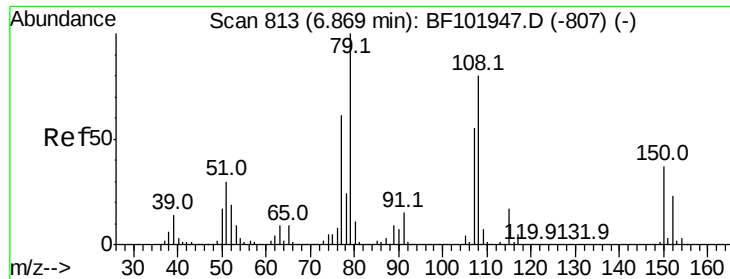
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	146	Resp:	449617
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	44.0	36.0	54.0





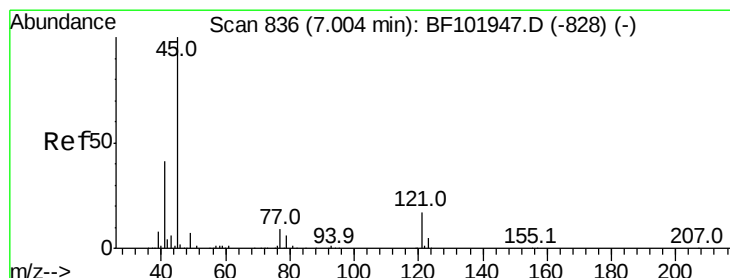
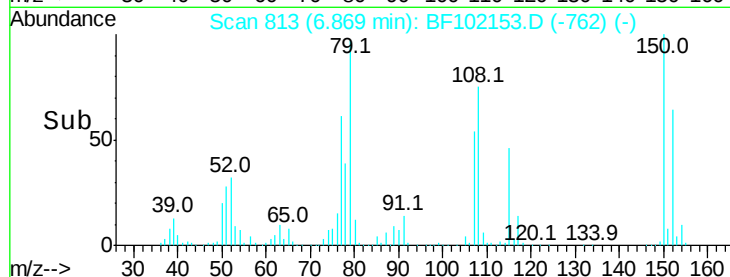
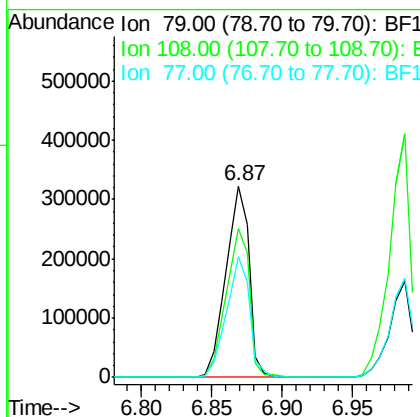
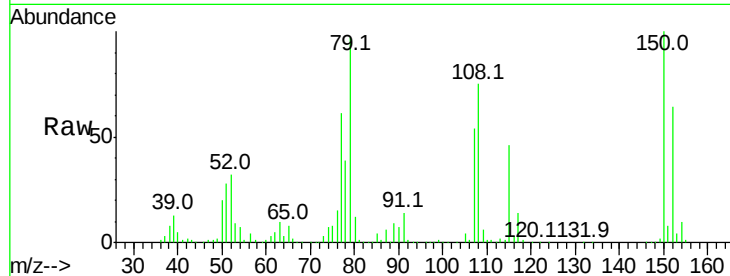
#15
Benzyl Alcohol
Concen: 40.274 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampled :
PB105727BS

Tot Ion: 79 Resp: 367742
Ion Ratio Lower Upper
79 100
108 77.8 65.1 97.7
77 63.1 50.6 75.8

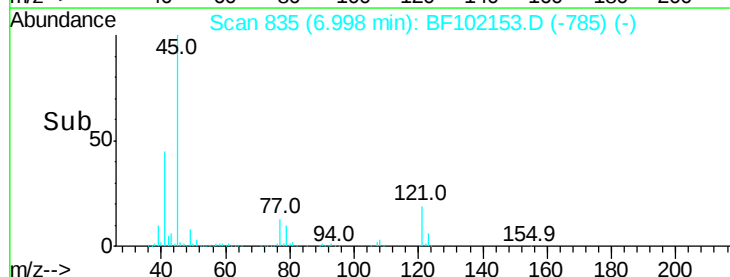
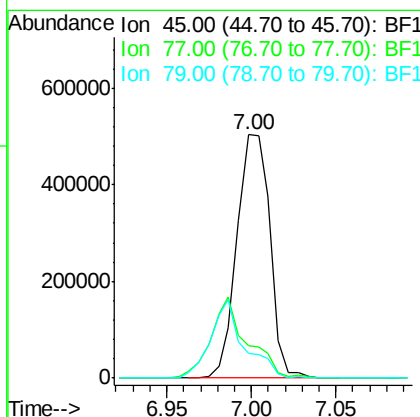
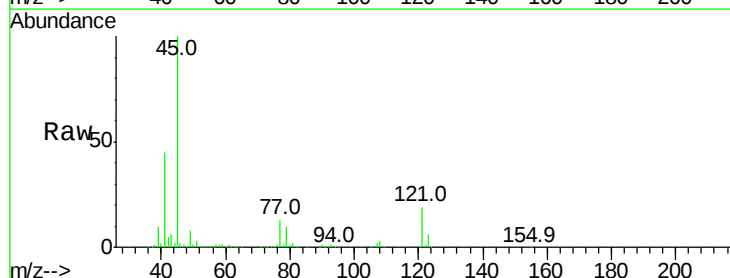
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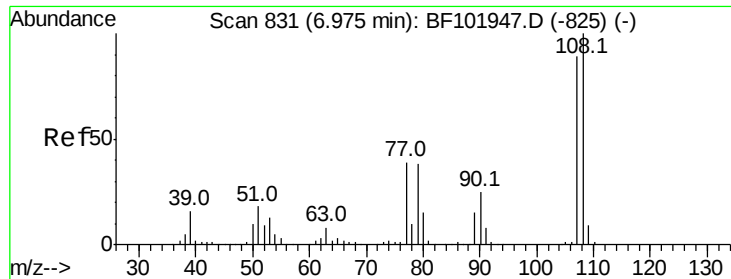
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.697 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion: 45 Resp: 686780
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.9
79 10.1 0.0 29.6





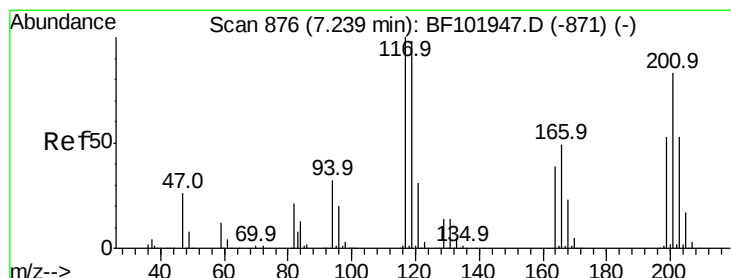
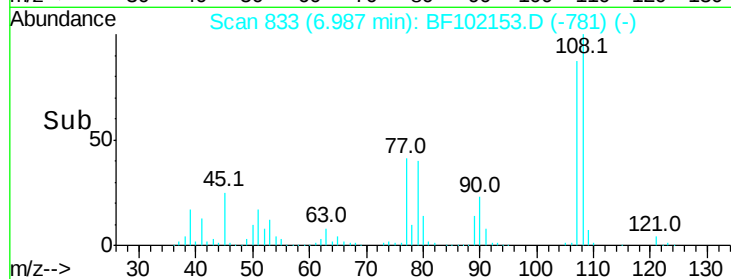
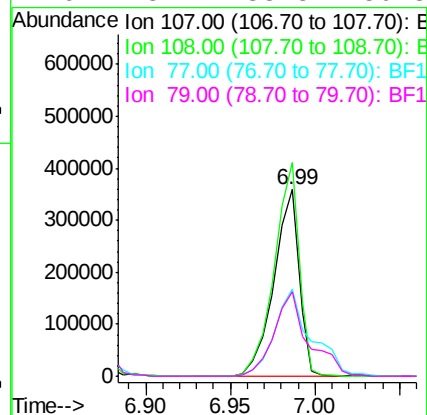
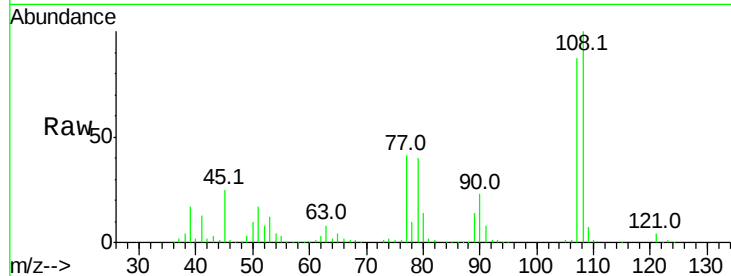
#17
2-Methylphenol
Concen: 39.291 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	46.7	33.8	50.8
79	45.4	33.8	50.8

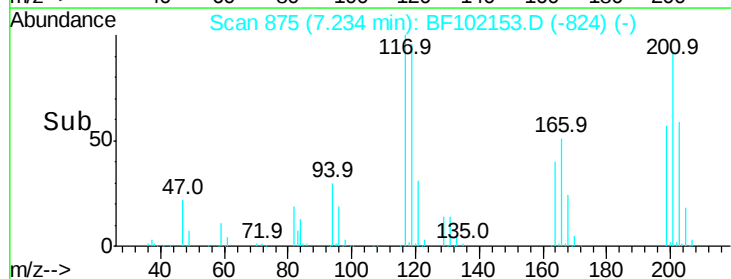
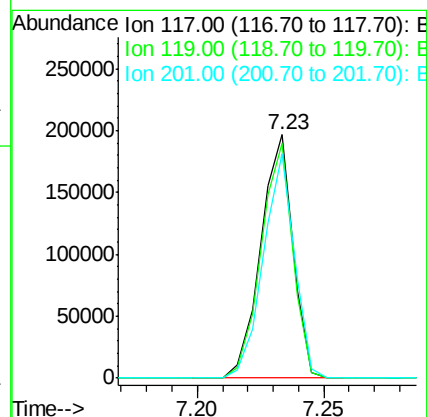
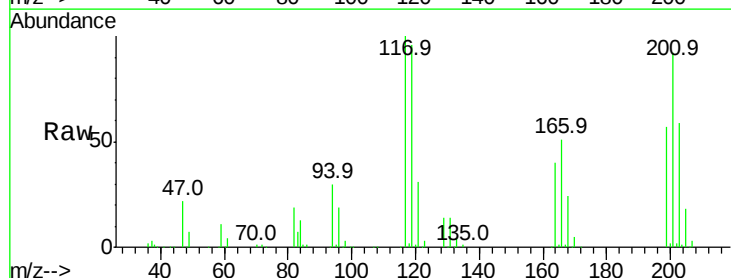
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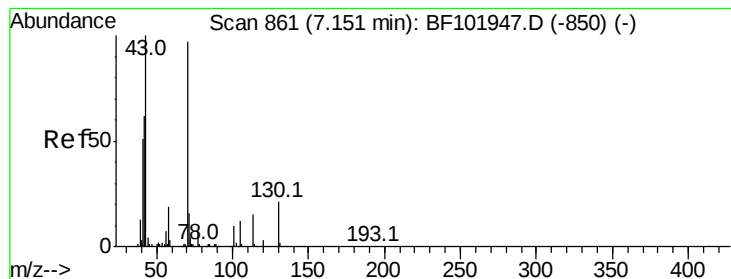
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#18
Hexachloroethane
Concen: 41.055 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	92.0	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.155 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

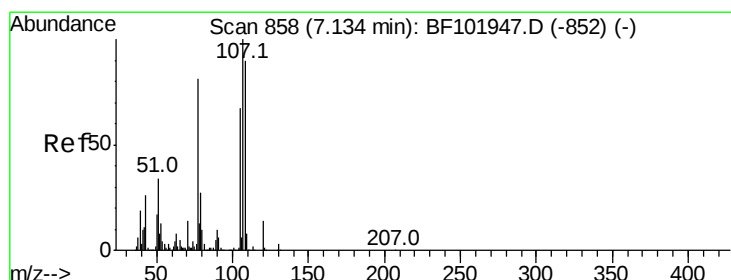
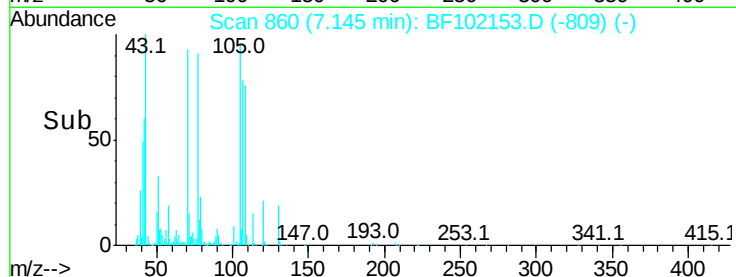
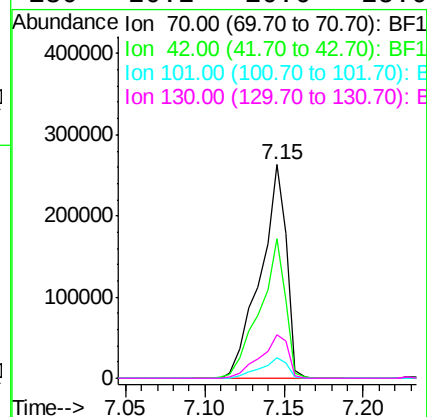
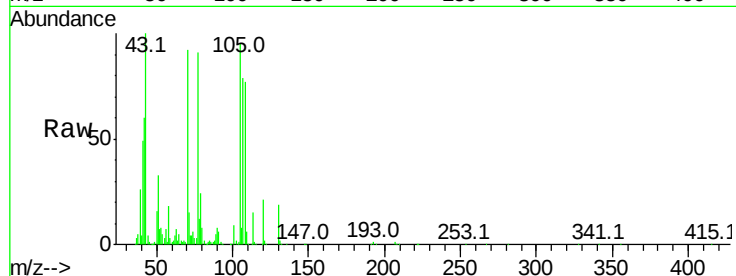
ClientSampleId :

PB105727BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	9.3	7.4	11.2
130	20.2	16.6	25.0

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#20

3+4-Methylphenols

Concen: 38.353 ng

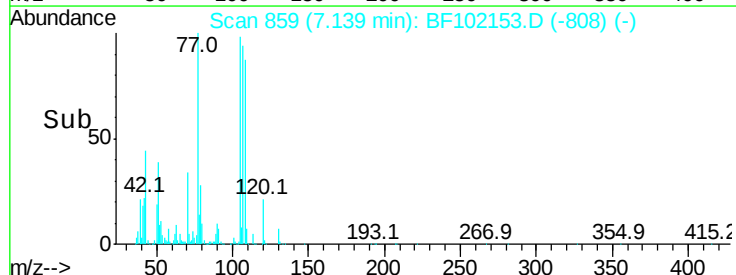
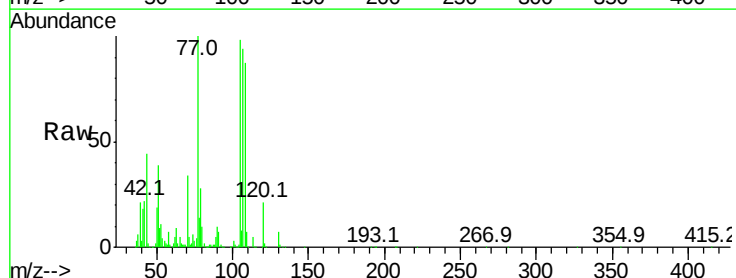
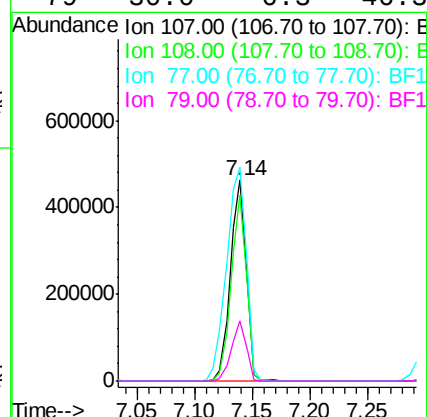
RT: 7.14 min Scan# 859

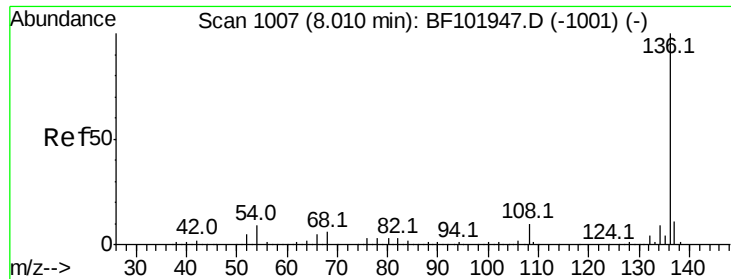
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	106.4	26.7	66.7#
79	30.0	6.3	46.3





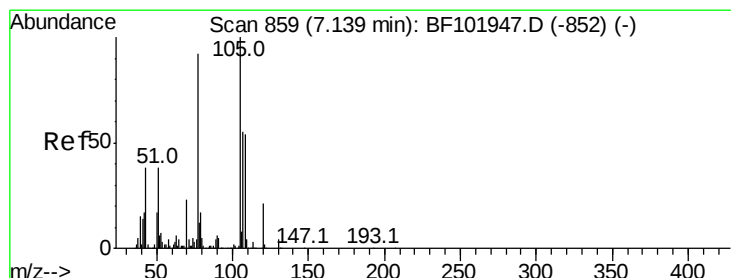
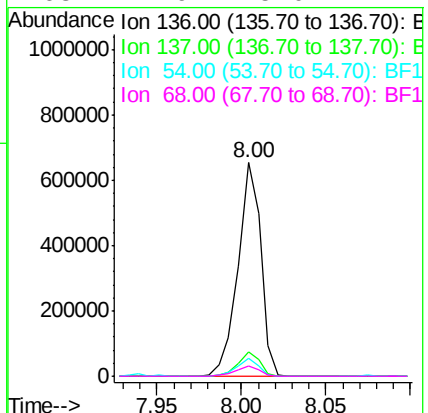
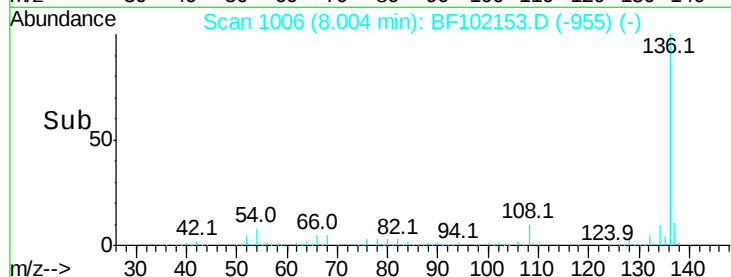
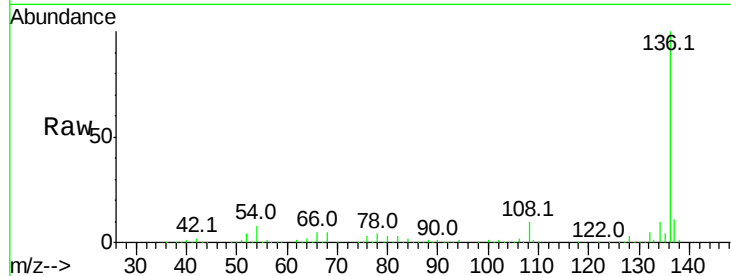
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampled :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	616077		
137	11.3	8.9	13.3	
54	8.2	6.6	9.8	
68	4.9	5.0	7.4	

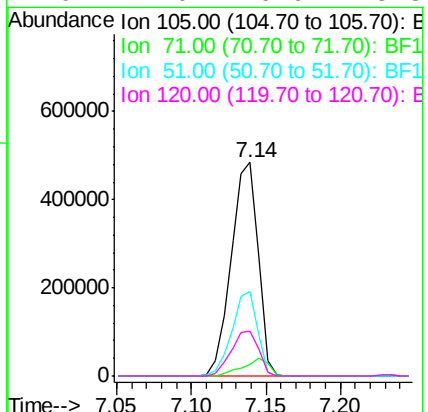
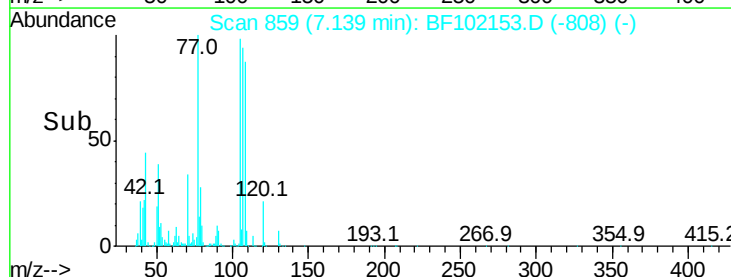
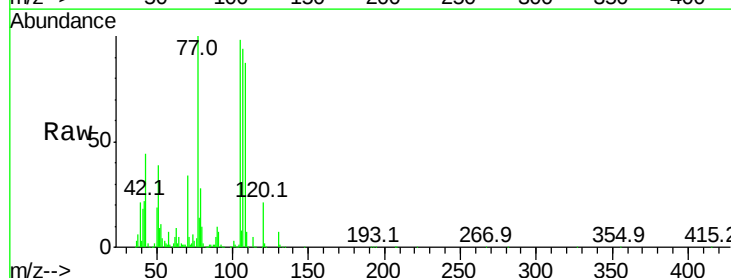
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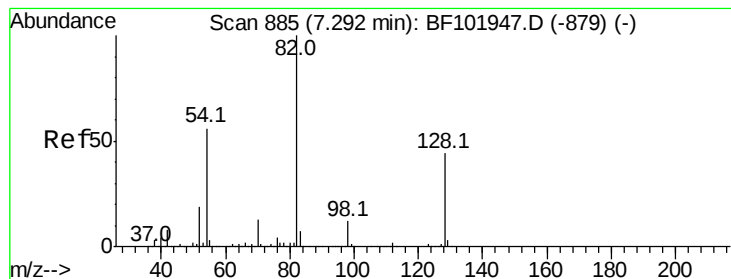
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#22
Acetophenone
Concen: 41.336 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	613583		
71	5.5	4.4	6.6	
51	39.8	22.3	33.5	
120	21.0	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 88.402 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

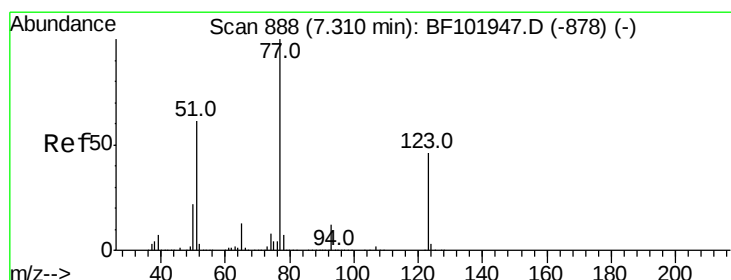
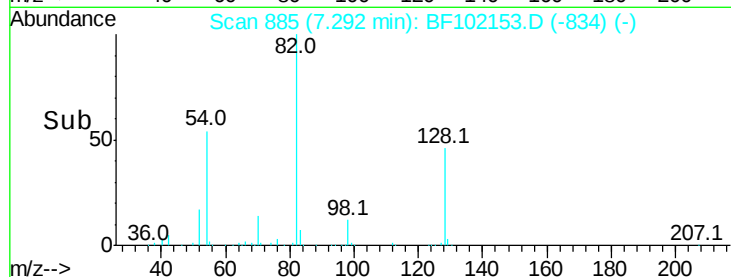
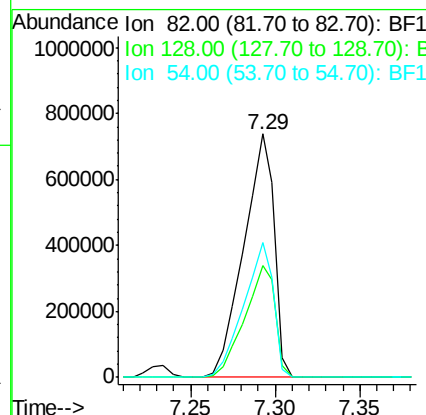
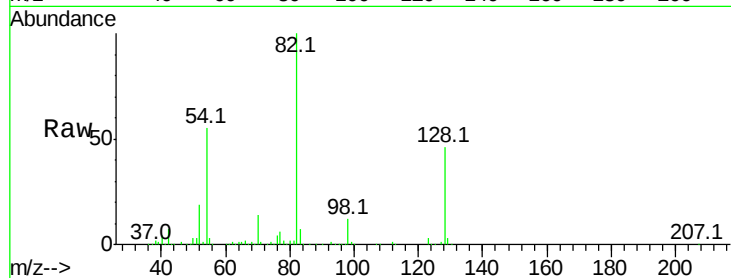
ClientSampled :

PB105727BS

Tot Ion:	82	Resp:	926800
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	55.2	41.4	62.2

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#24

Nitrobenzene

Concen: 40.946 ng

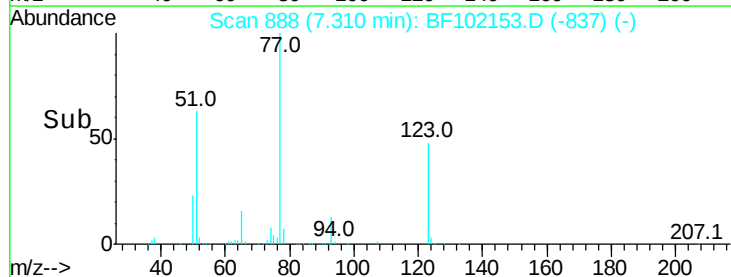
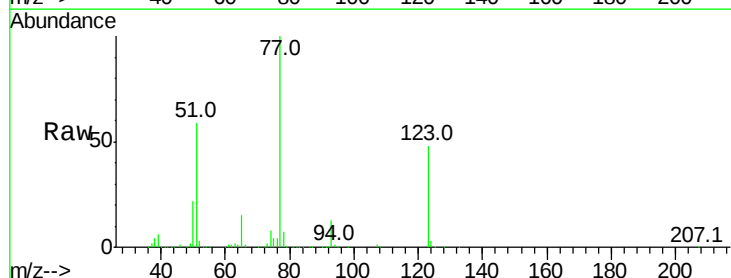
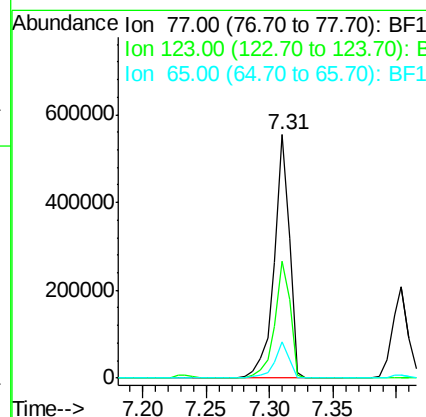
RT: 7.31 min Scan# 888

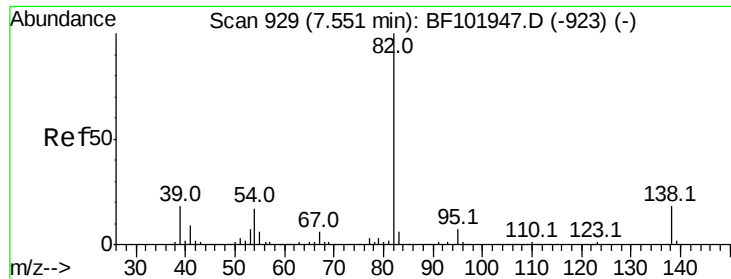
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	77	Resp:	461274
Ion Ratio	Lower	Upper	
77	100		
123	48.0	37.9	56.9
65	14.7	11.0	16.4





#25

Isophorone

Concen: 40.726 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

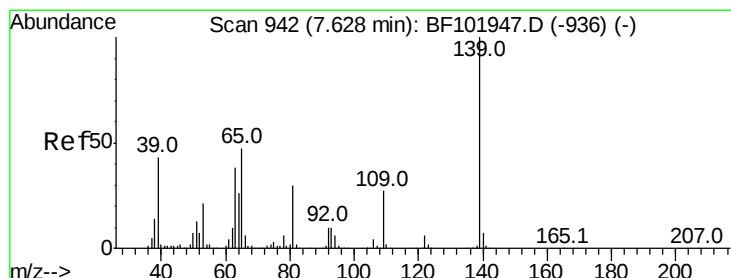
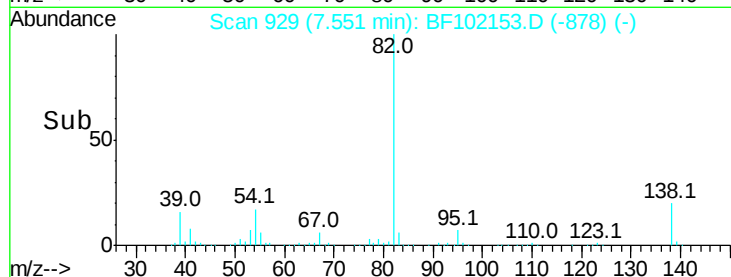
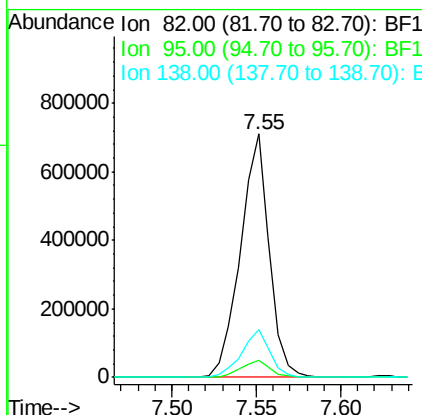
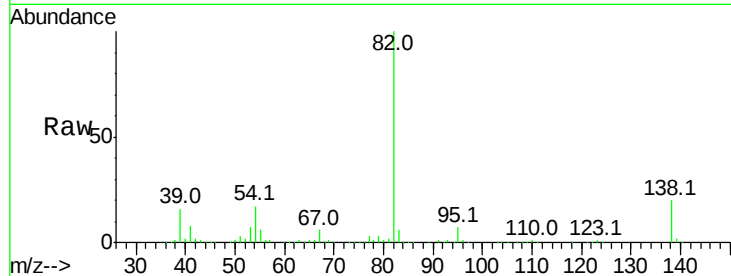
ClientSampleId :

PB105727BS

Tot Ion:	82	Resp:	843659
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 54.090 ng

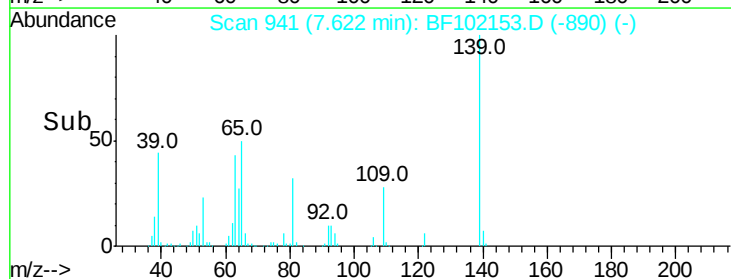
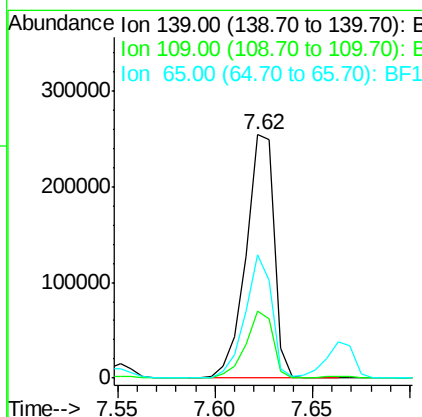
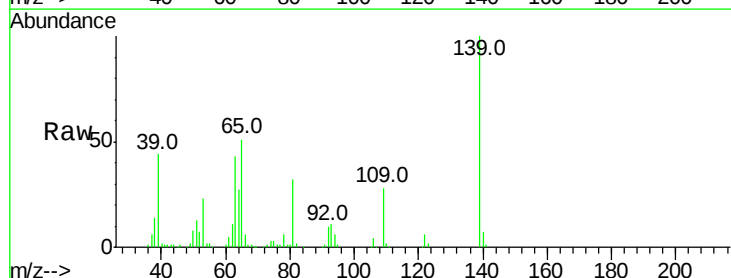
RT: 7.62 min Scan# 941

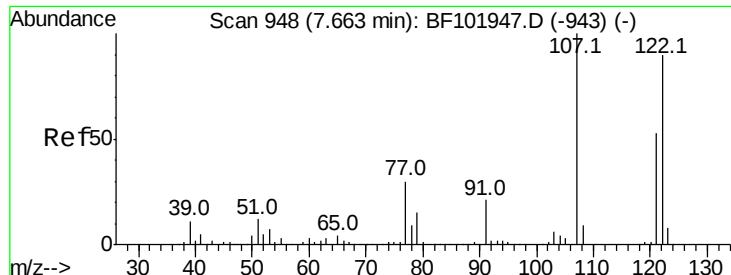
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	139	Resp:	255043
Ion Ratio	Lower	Upper	
139	100		
109	27.7	22.7	34.1
65	50.5	40.5	60.7





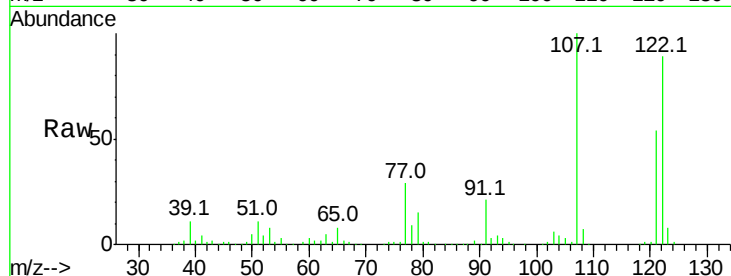
#27
 2,4-Dimethylphenol
 Concen: 45.625 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

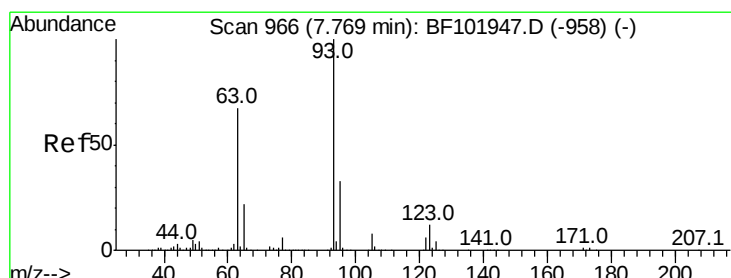
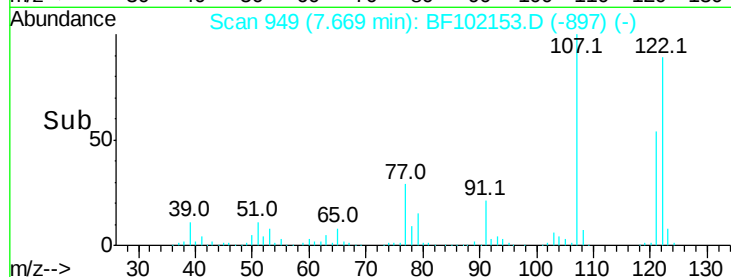
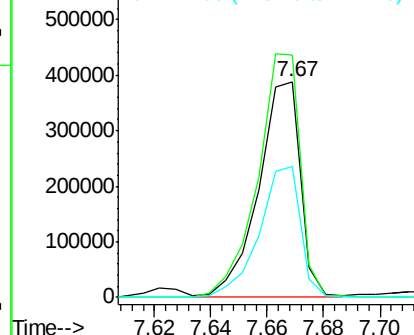
Tot Ion	Ratio	Resp	Lower	Upper
122	100	401770		
107	112.3	91.2	136.8	
121	60.5	47.2	70.8	

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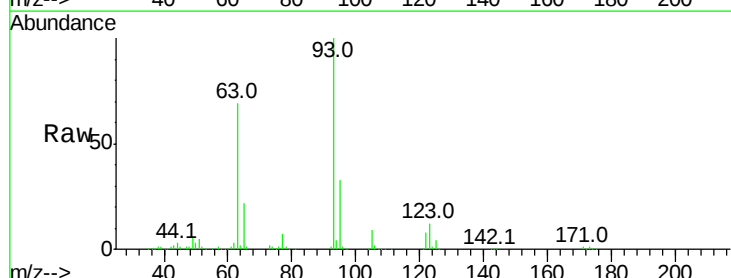


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

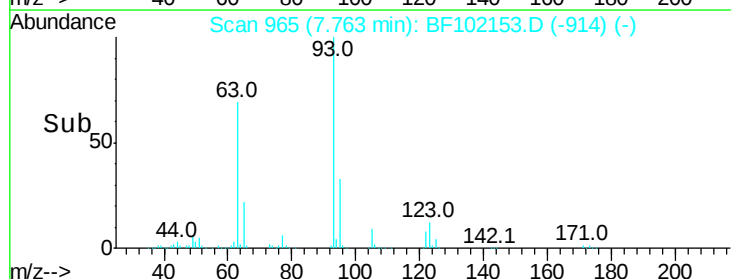
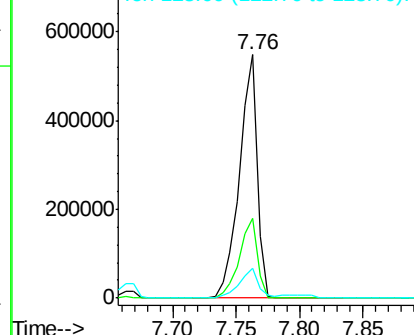


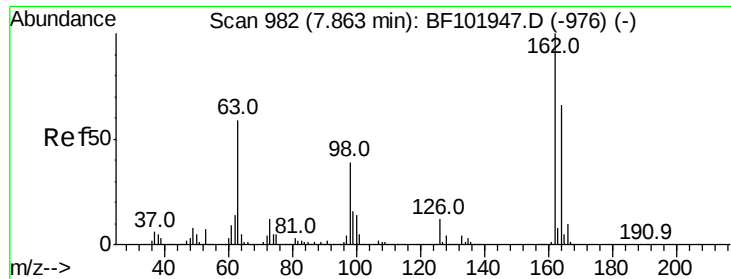
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.069 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526200		
95	32.8	26.3	39.5	
123	12.3	9.8	14.6	



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





#29

2,4-Dichlorophenol

Concen: 45.058 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

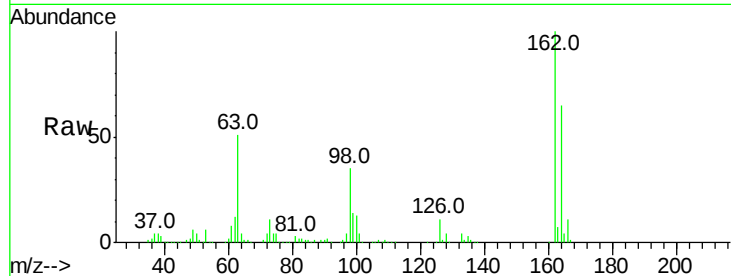
ClientSampleID :

PB105727BS

Tot Ion:	162	Resp:	376753
Ion Ratio	Lower	Upper	
162	100		
164	65.3	42.7	82.7
98	34.7	18.1	58.1

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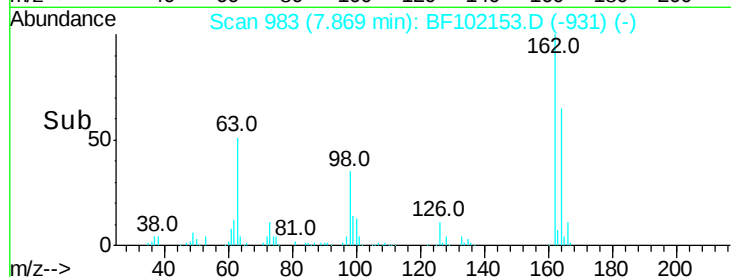


Abundance Ion 162.00 (161.70 to 162.70): E

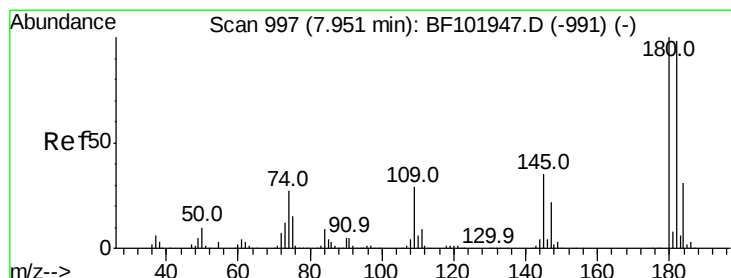
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 42.472 ng

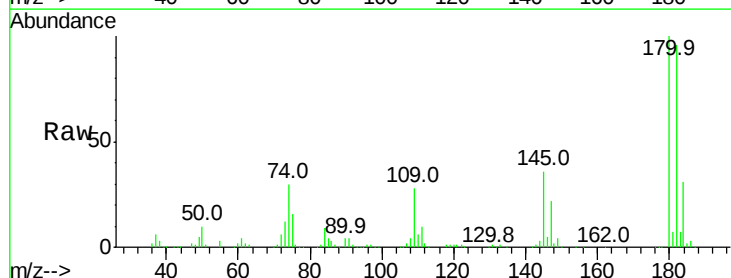
RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	180	Resp:	371468
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.8	115.2
145	36.0	26.5	39.7

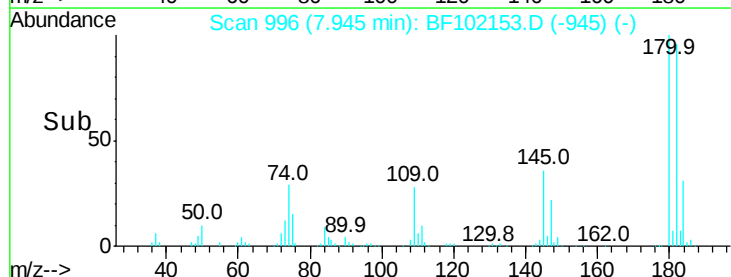


Abundance Ion 180.00 (179.70 to 180.70): E

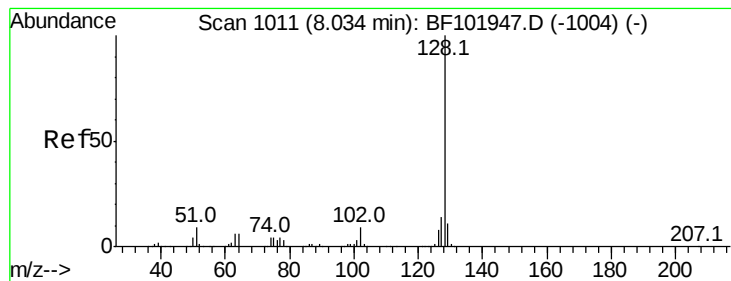
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



Time-->



#31

Naphthalene

Concen: 41.194 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

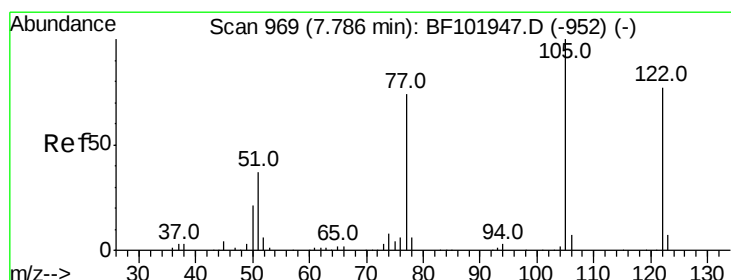
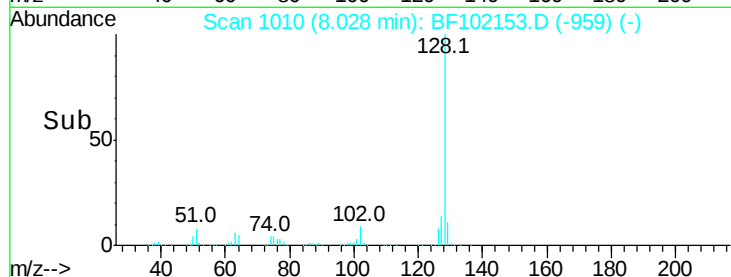
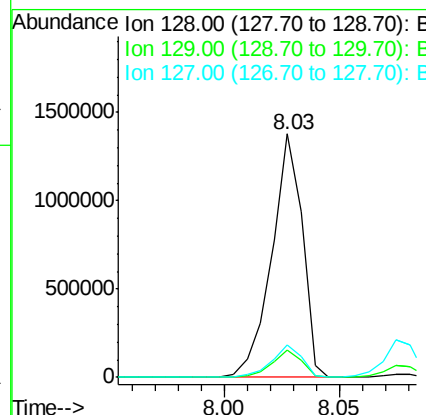
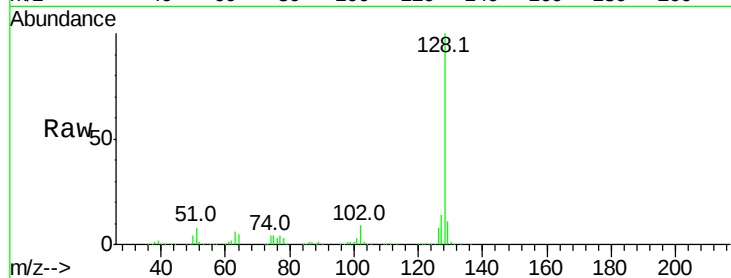
ClientSampleId :

PB105727BS

Tot Ion:	128	Resp:	1268135
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 42.658 ng

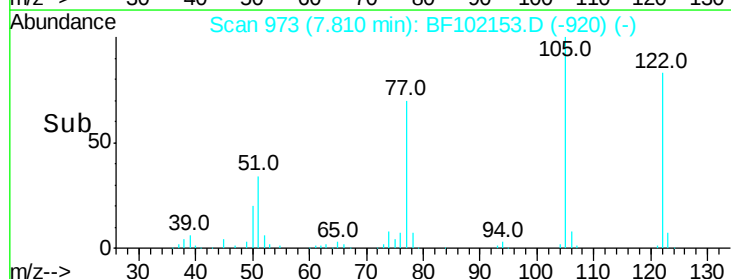
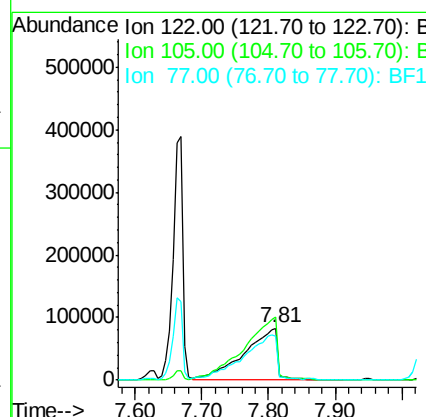
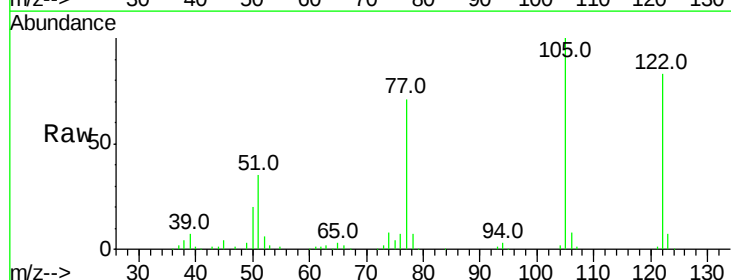
RT: 7.81 min Scan# 973

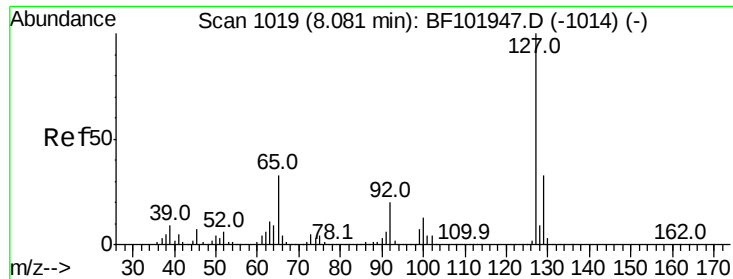
Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	122	Resp:	284846
Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.1	141.1
77	85.4	70.7	110.7





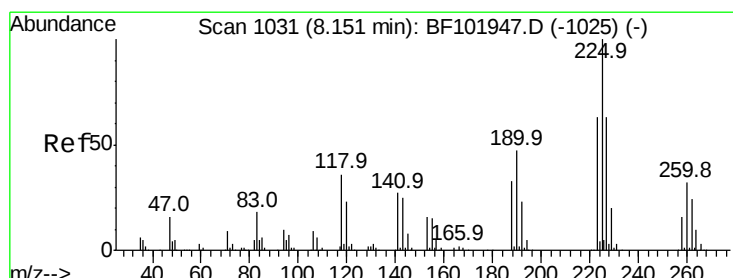
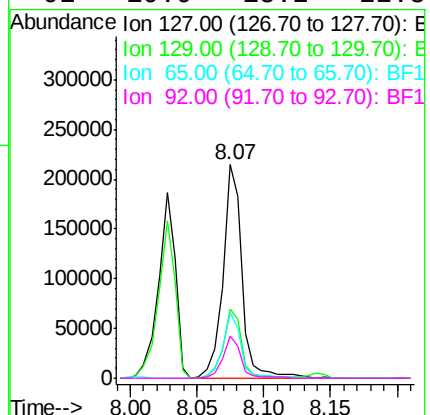
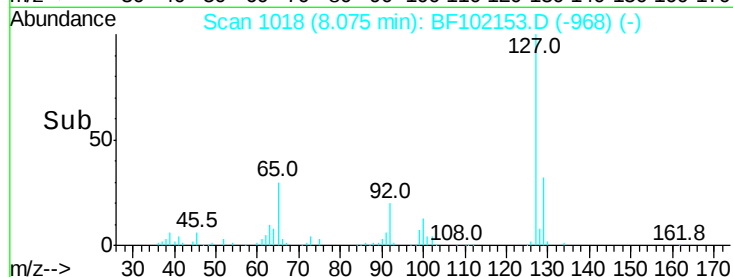
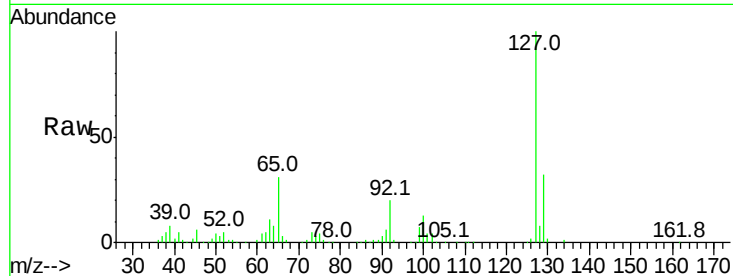
#33
4-Chloroaniline
Concen: 16.506 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.9	38.9	
65	30.6	25.0	37.4	
92	19.9	15.2	22.8	

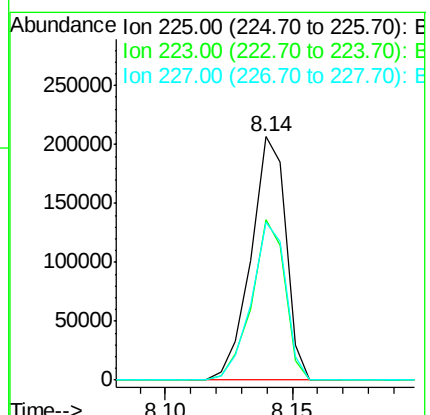
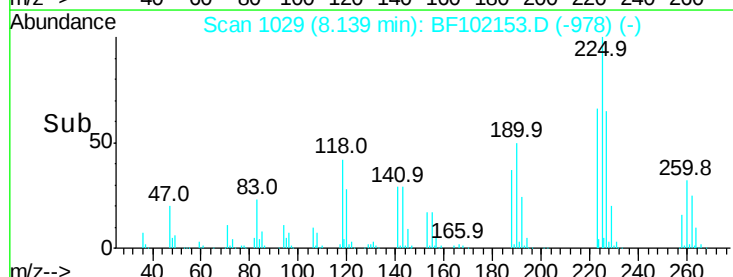
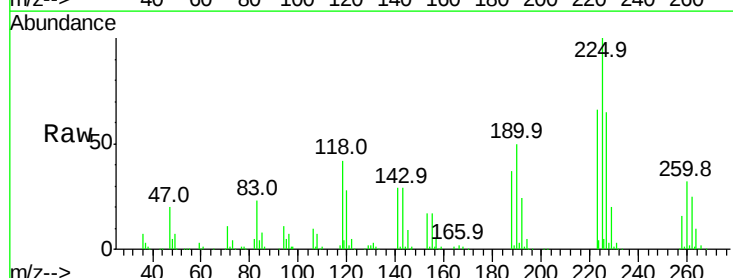
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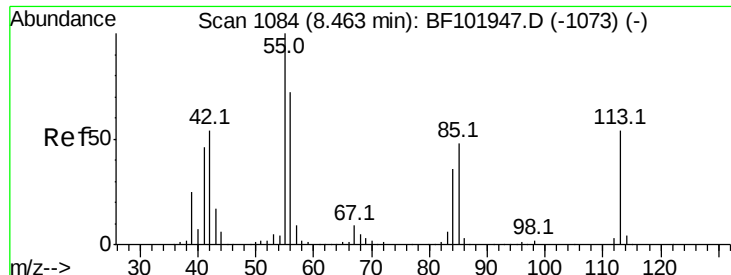
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#34
Hexachlorobutadiene
Concen: 42.971 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.1	50.6	76.0	
227	64.6	51.9	77.9	





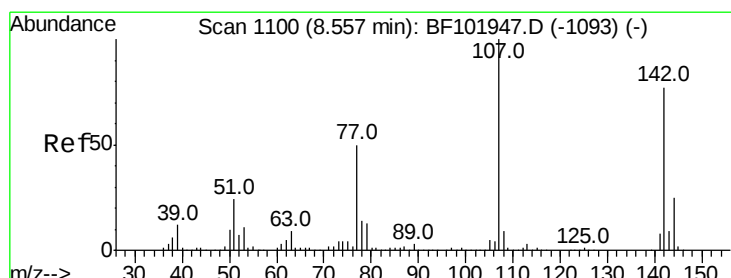
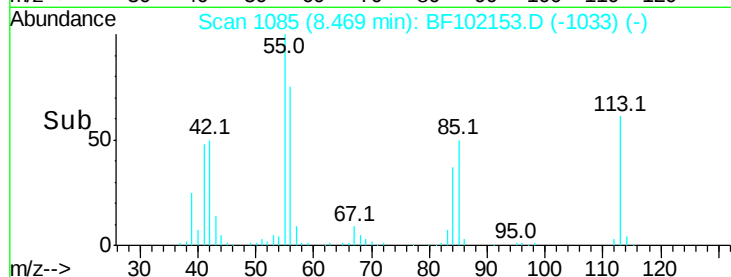
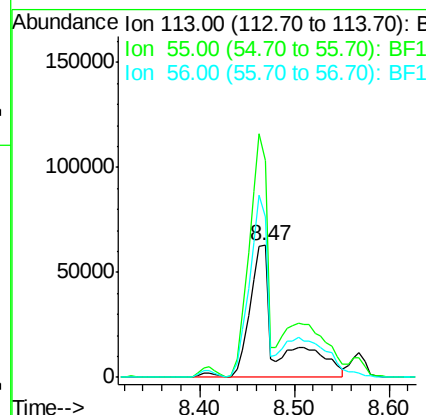
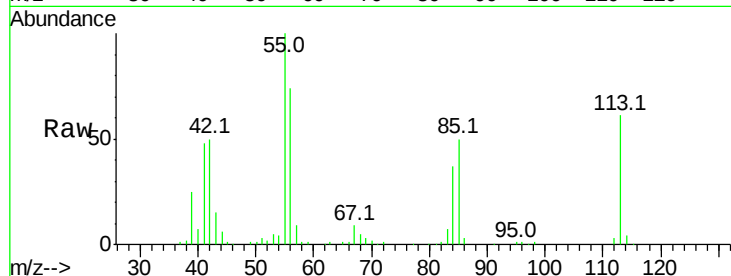
#35
 Caprolactam
 Concen: 45.610 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.3	163.3	203.3
56	122.1	115.7	155.7

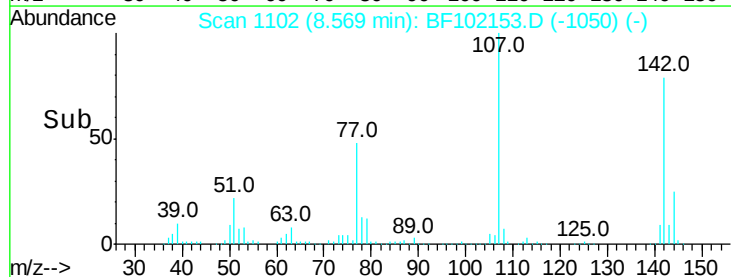
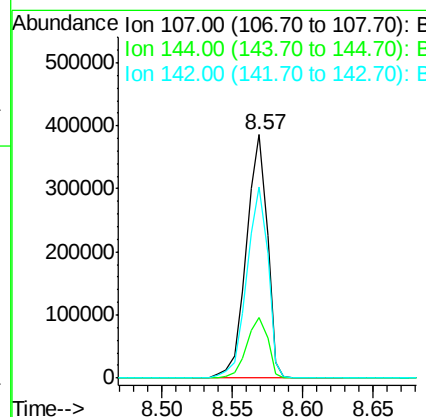
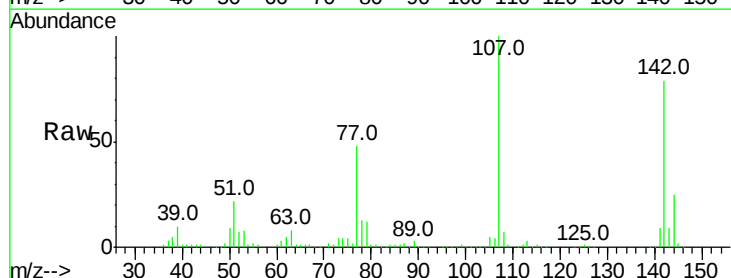
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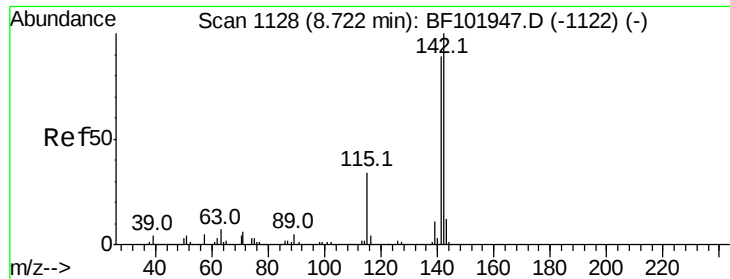
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#36
 4-Chloro-3-methylphenol
 Concen: 43.938 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	78.6	62.0	93.0





#37

2-Methylnaphthalene

Concen: 42.915 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

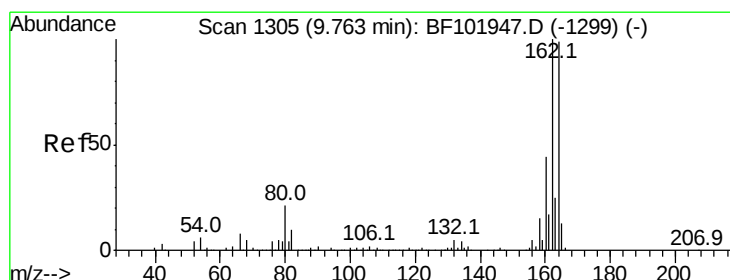
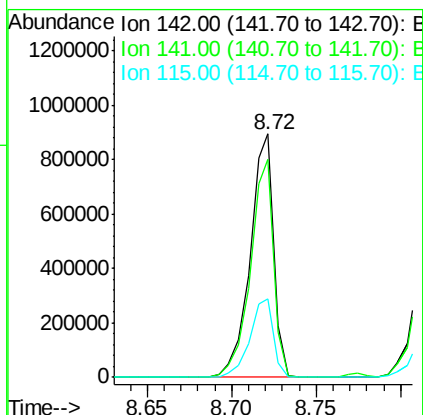
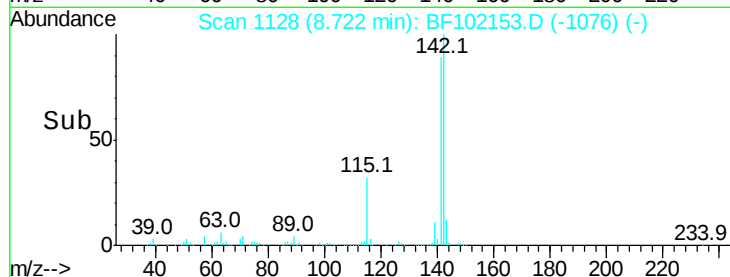
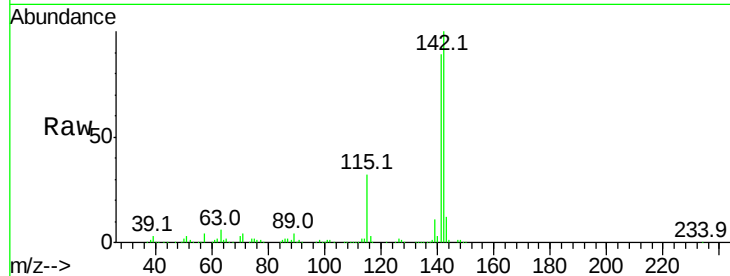
Instrument :
BNA_F

ClientSampleId :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	869724		
141	89.4	70.8	106.2	
115	32.5	26.1	39.1	

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#38

Acenaphthene-d10

Concen: 20.000 ng

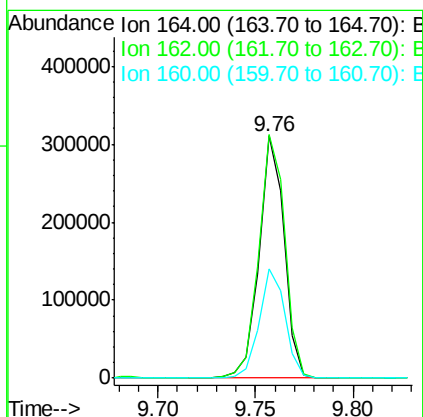
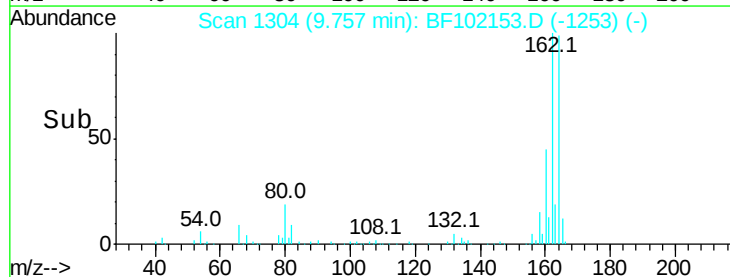
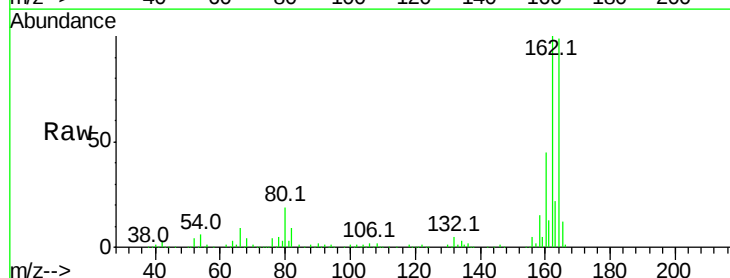
RT: 9.76 min Scan# 1304

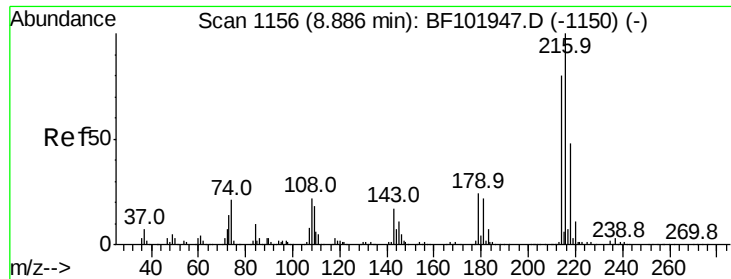
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	274554		
162	100.6	86.1	129.1	
160	45.3	38.3	57.5	





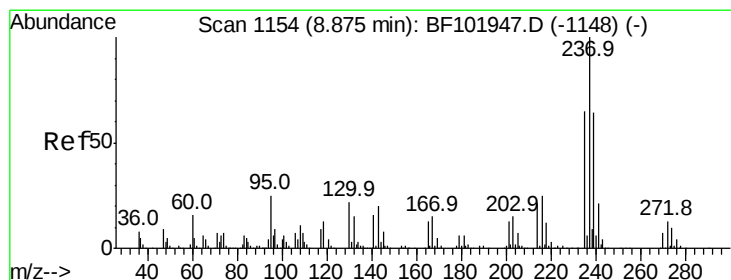
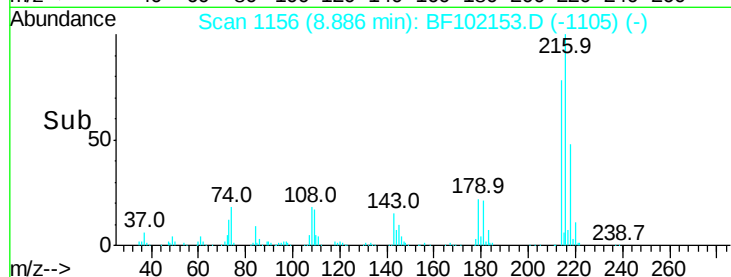
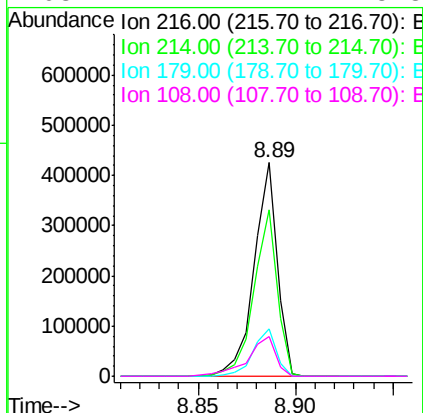
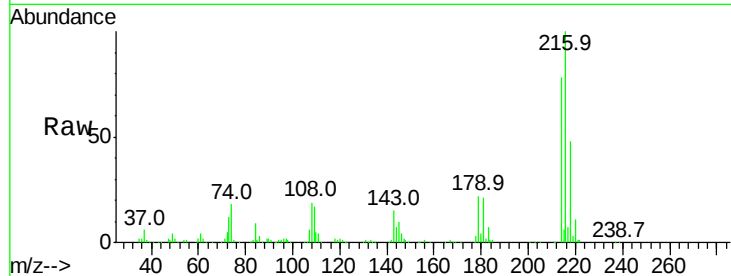
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.330 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	352094		
214	78.2	63.0	94.4	
179	22.4	18.1	27.1	
108	22.2	17.2	25.8	

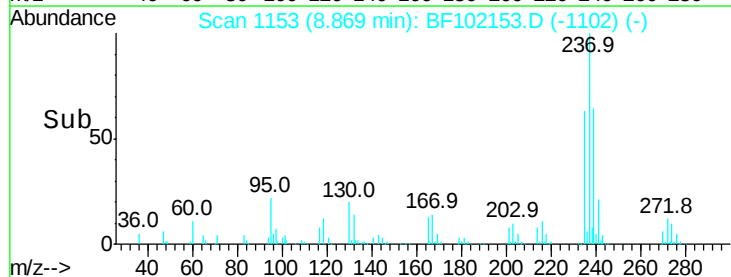
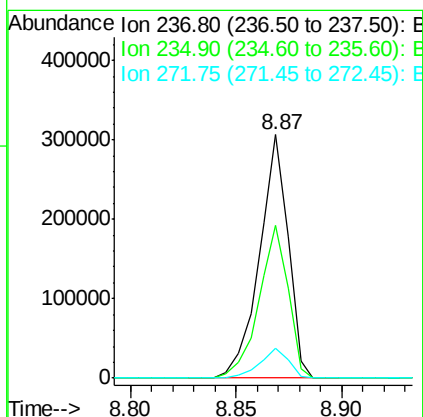
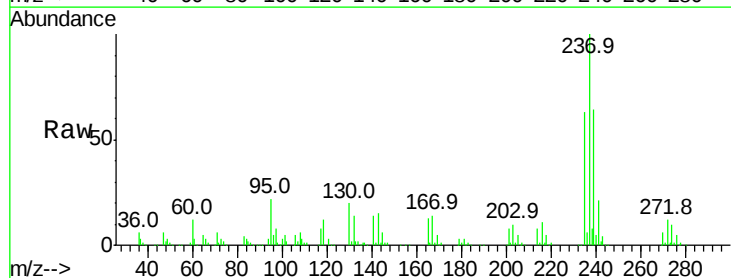
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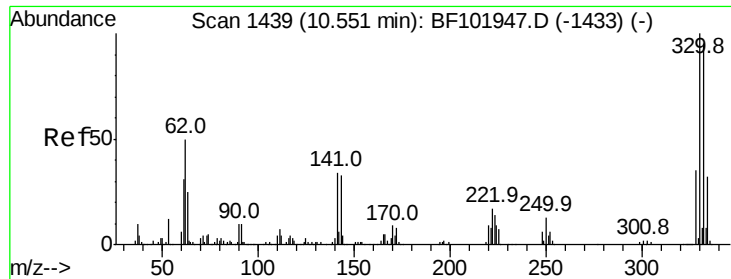
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#40
 Hexachlorocyclopentadiene
 Concen: 68.284 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	290062		
235	62.6	44.8	84.8	
272	12.4	0.0	33.3	





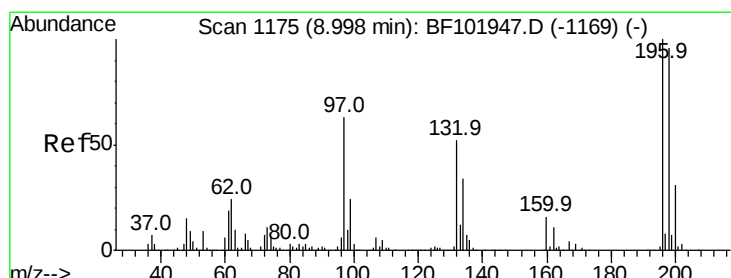
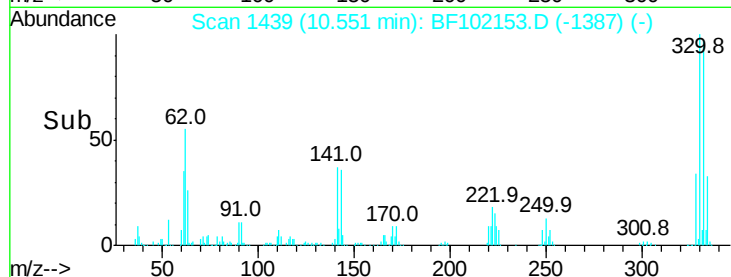
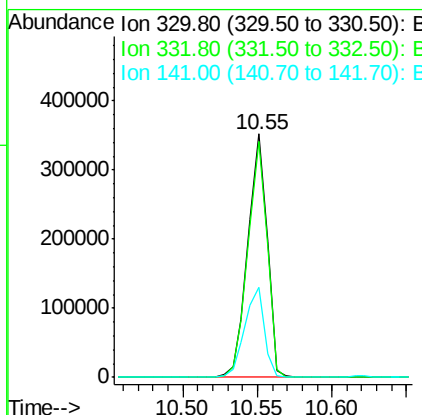
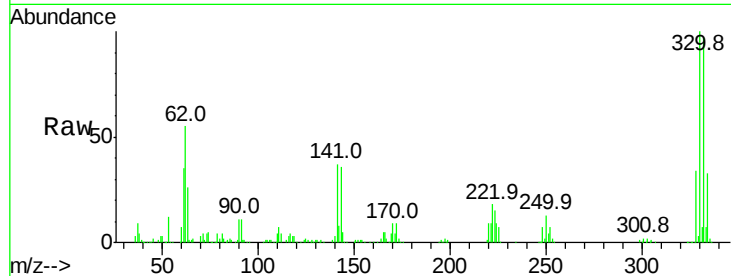
#41
 2,4,6-Tribromophenol
 Concen: 132.469 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	37.3	29.9	44.9	

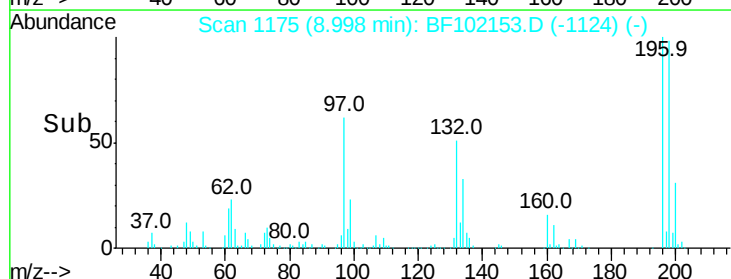
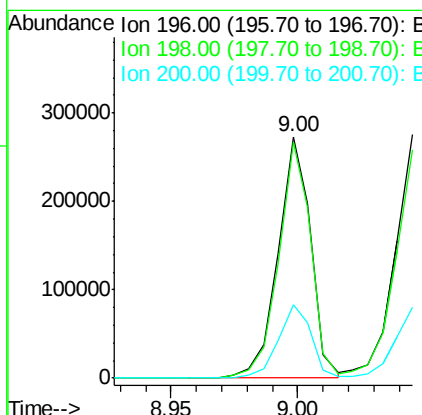
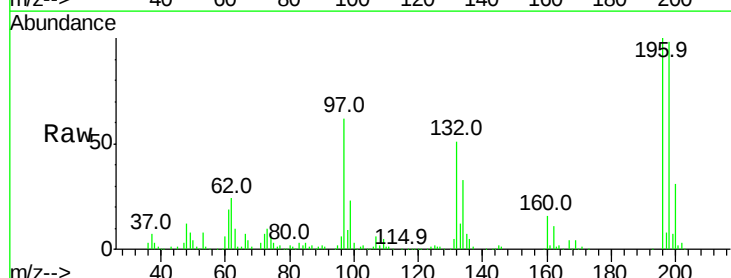
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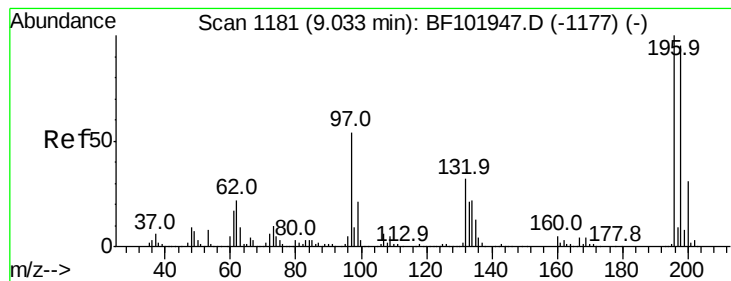
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#42
 2,4,6-Trichlorophenol
 Concen: 45.911 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.9	75.7	113.5	
200	30.6	24.5	36.7	





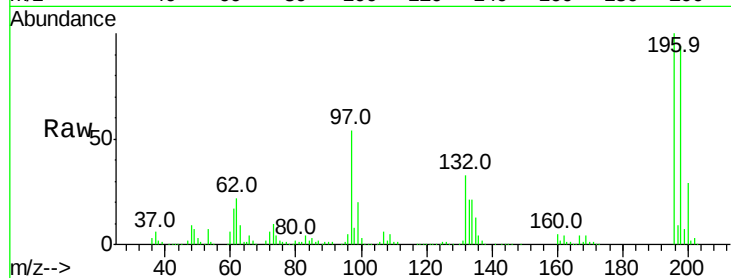
#43
 2,4,5-Trichlorophenol
 Concen: 42.730 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion:	196	Resp:	258501
Ion Ratio	Lower	Upper	
196	100		
198	94.0	74.6	112.0
97	54.4	42.9	64.3
132	32.7	26.3	39.5

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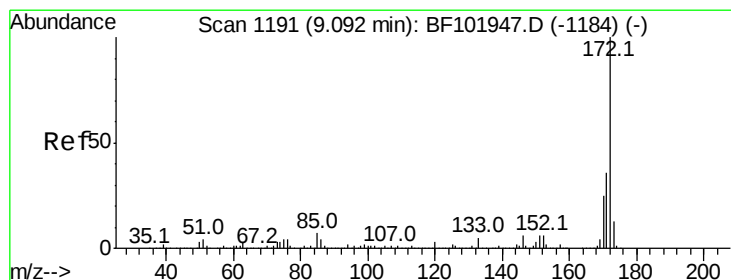
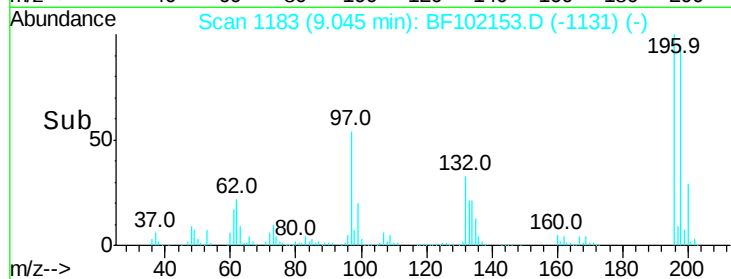
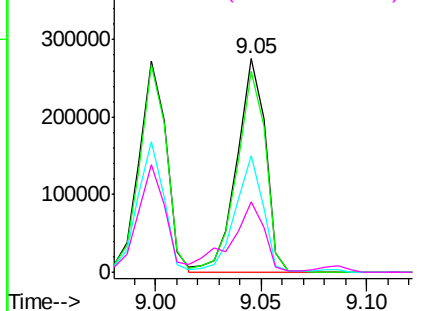
Abundance

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: 93.418 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

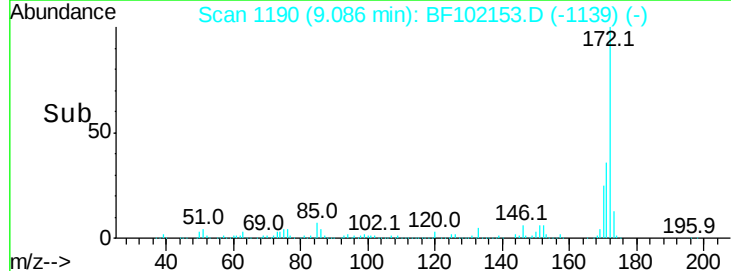
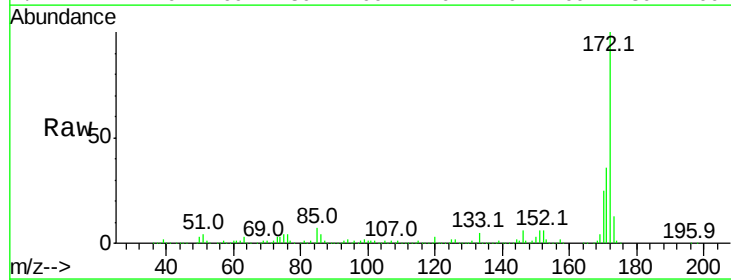
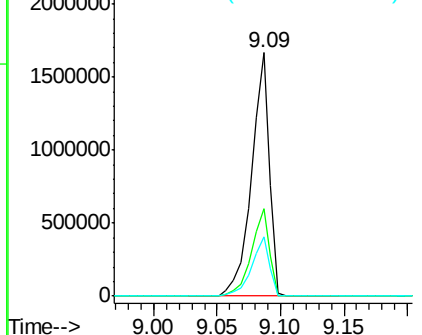
Tgt Ion:	172	Resp:	1641732
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.6	19.6	29.4

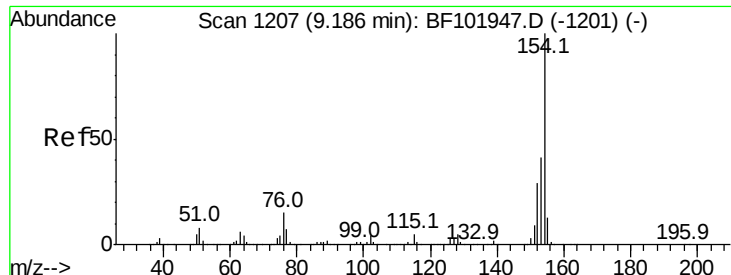
Abundance

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





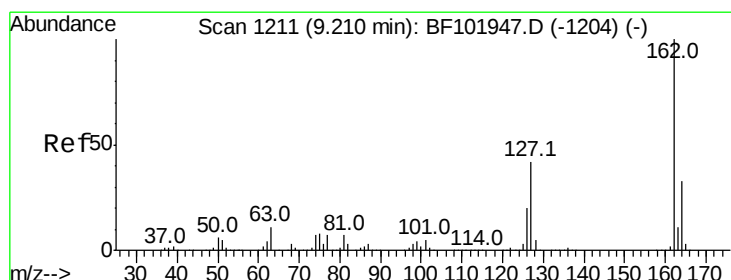
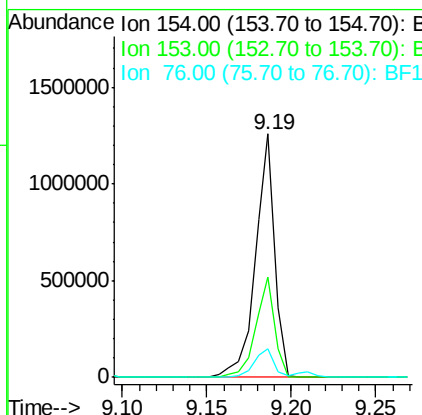
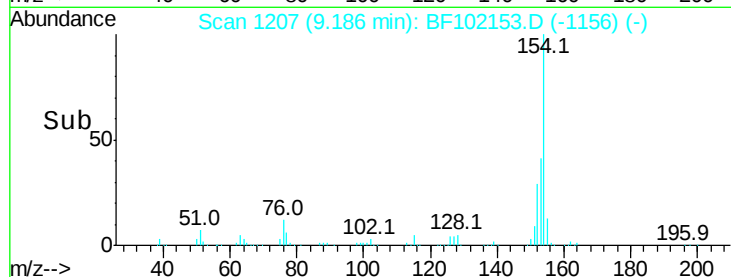
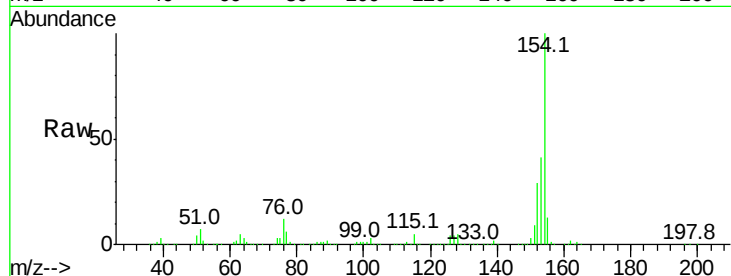
#45
1,1'-Biphenyl
Concen: 41.102 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	11.9	0.0	34.0

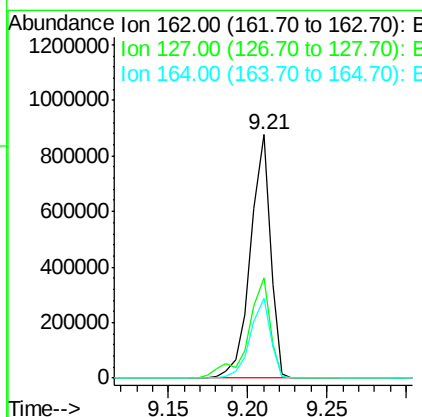
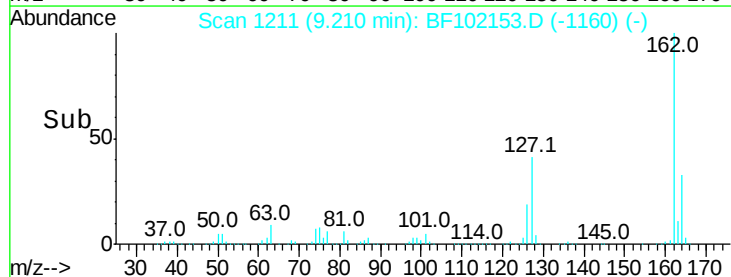
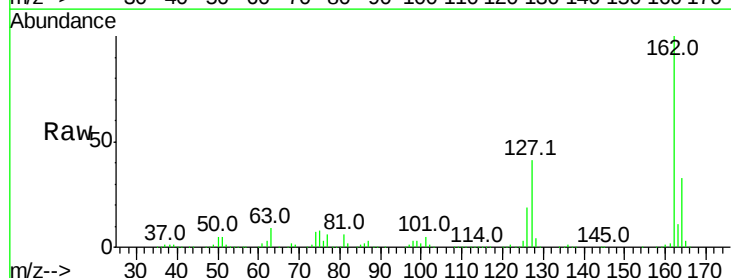
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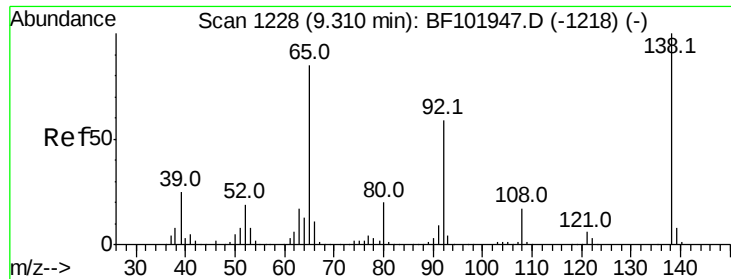
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#46
2-Chloronaphthalene
Concen: 40.657 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.9	26.5	39.7





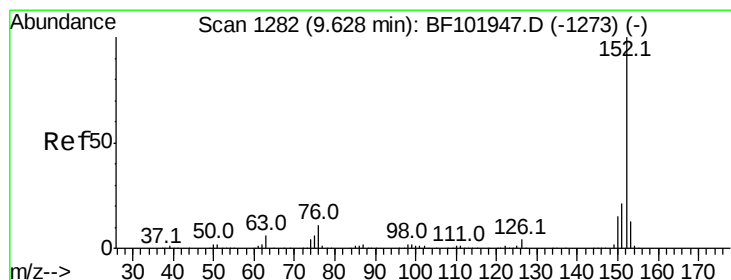
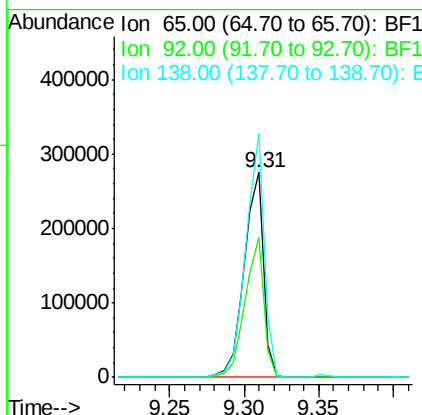
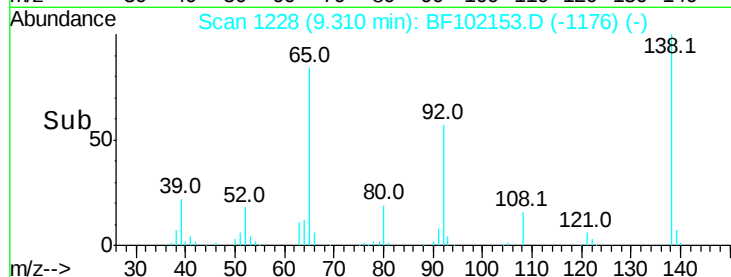
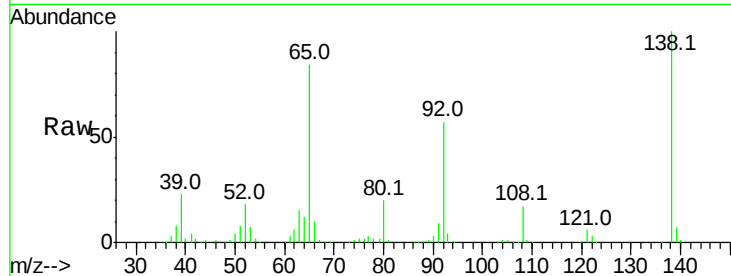
#47
 2-Nitroaniline
 Concen: 43.908 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.8	83.6
138	119.0	91.2	136.8

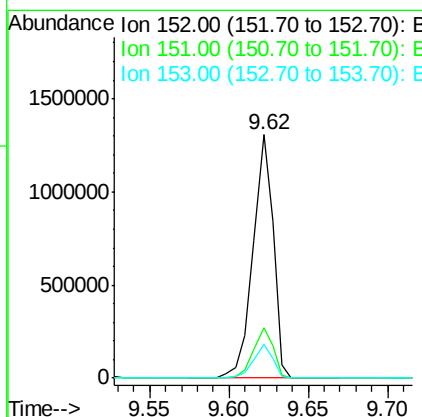
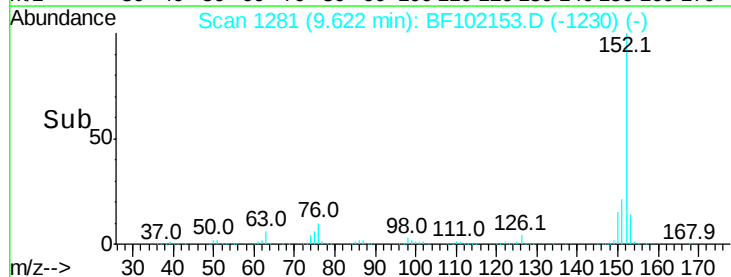
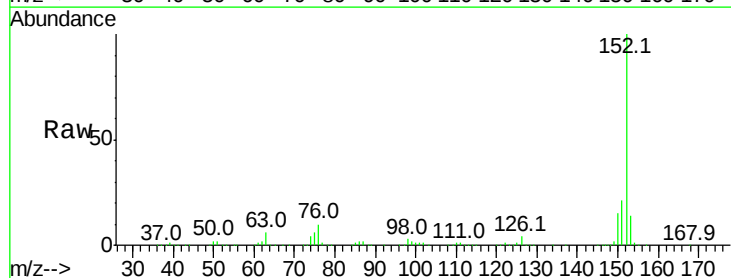
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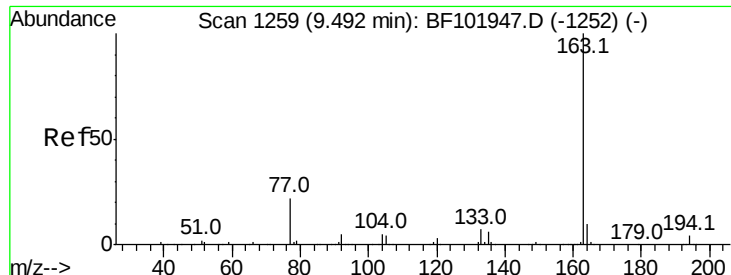
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#48
 Acenaphthylene
 Concen: 38.639 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.7	10.7	16.1





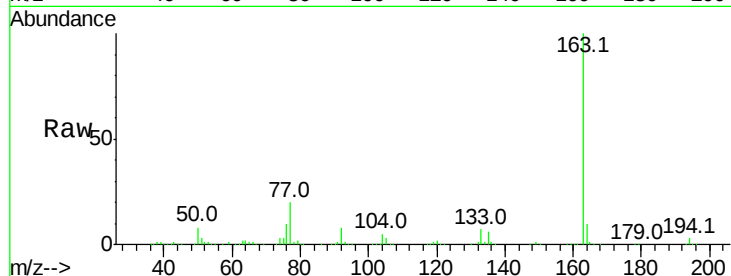
#49
Dimethylphthalate
Concen: 41.776 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

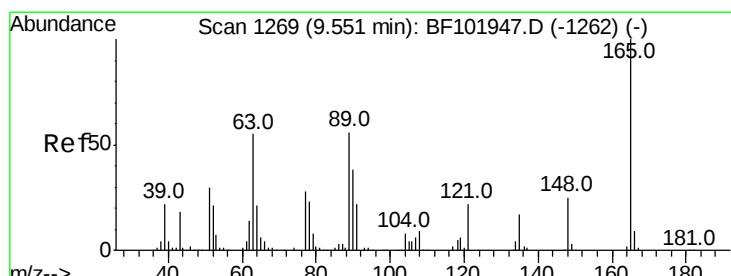
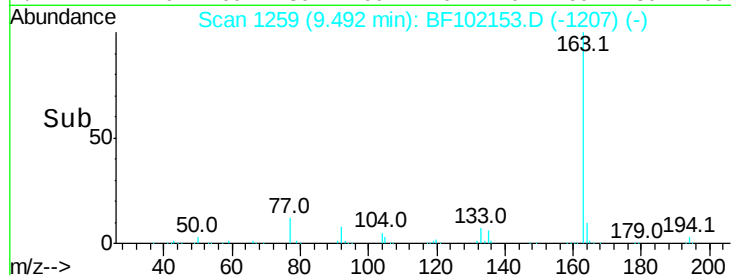
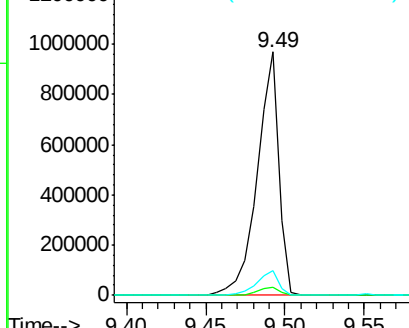
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.3	8.2	12.2	

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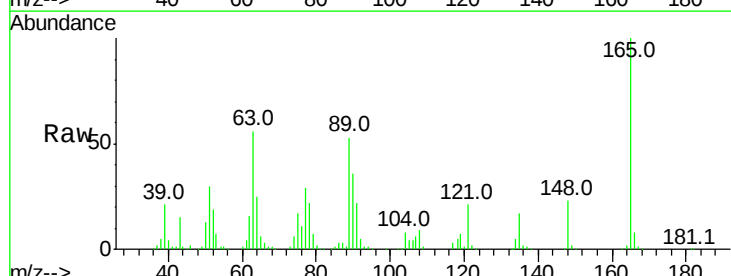


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

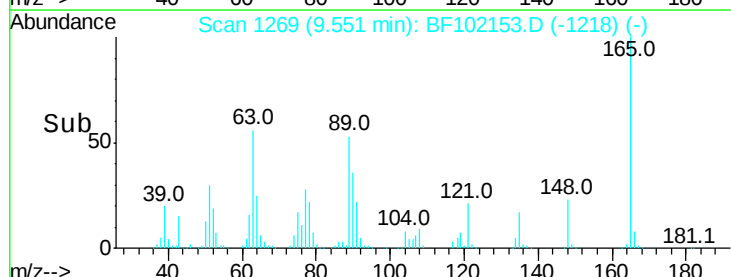
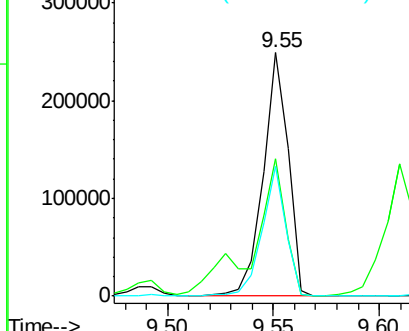


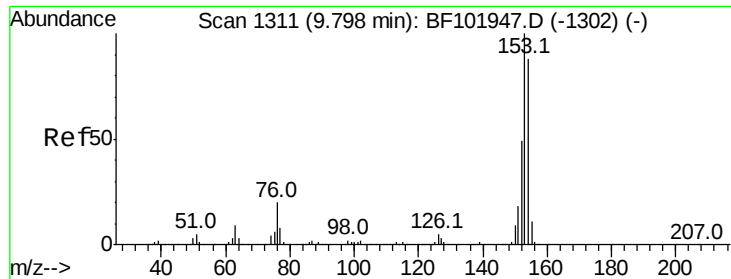
#50
2,6-Dinitrotoluene
Concen: 46.519 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.3	44.7	67.1	
89	53.4	44.0	66.0	



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





#51

Acenaphthene

Concen: 37.634 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

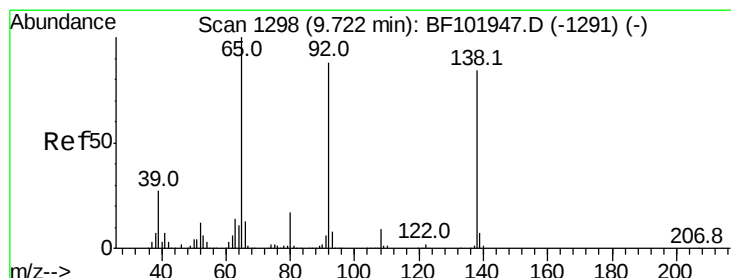
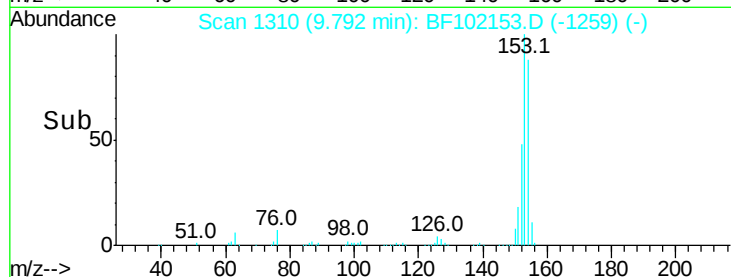
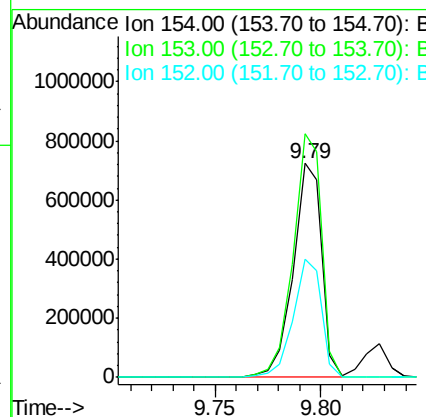
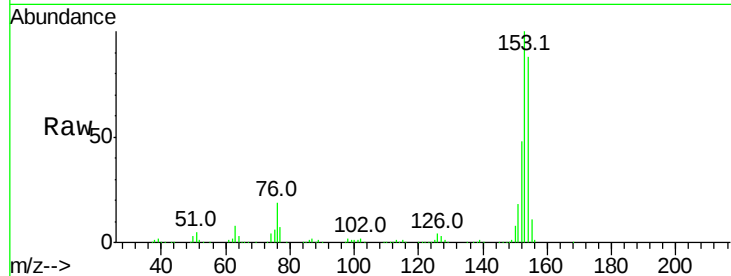
ClientSampleId :

PB105727BS

Tot Ion:	154	Resp:	682182
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.2	136.8
152	55.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 25.809 ng

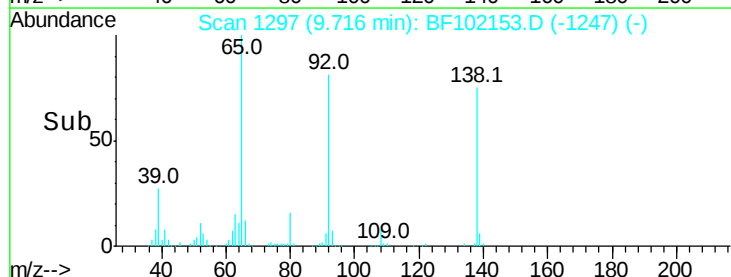
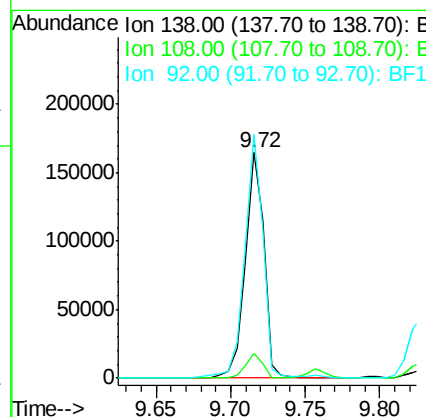
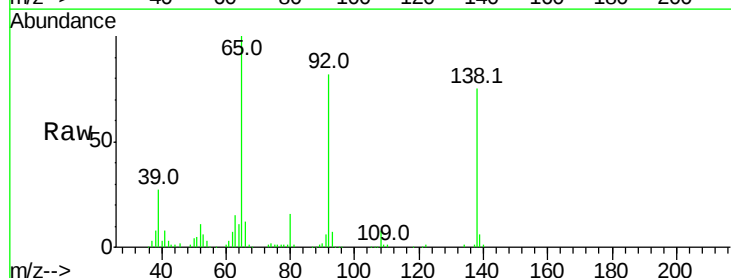
RT: 9.72 min Scan# 1297

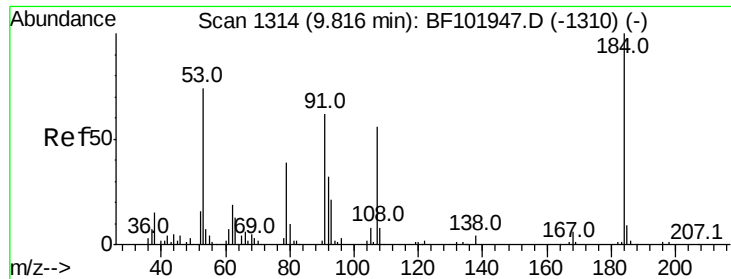
Delta R.T. -0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	138	Resp:	143304
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	108.0	89.4	134.2





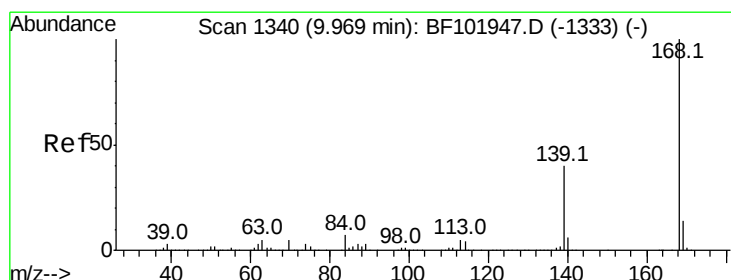
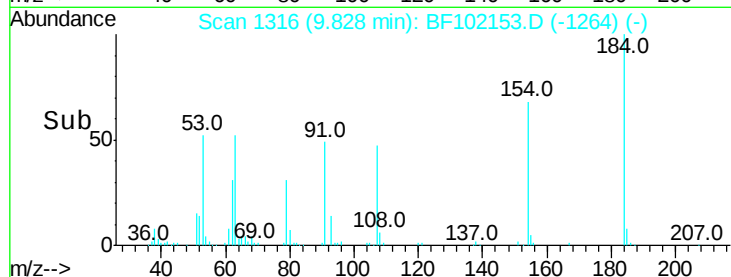
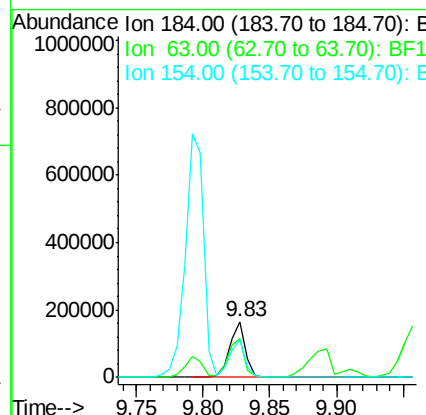
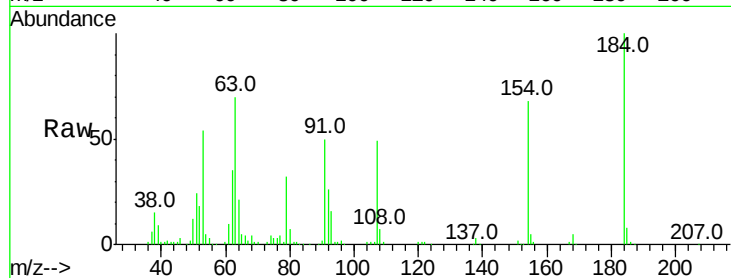
#53
2,4-Dinitrophenol
Concen: 82.298 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.0	54.2	81.2
154	67.9	184.0	276.0#

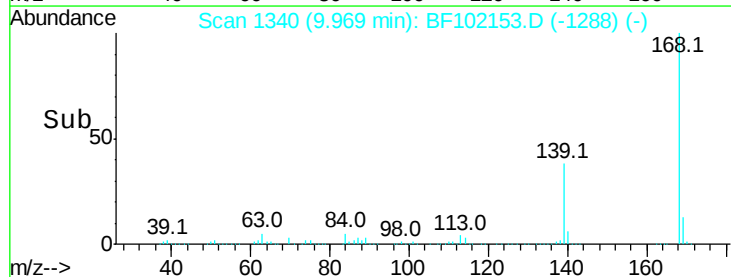
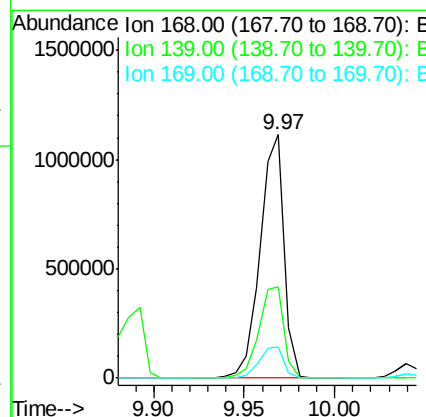
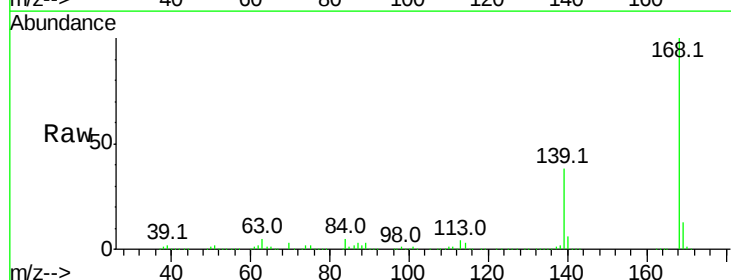
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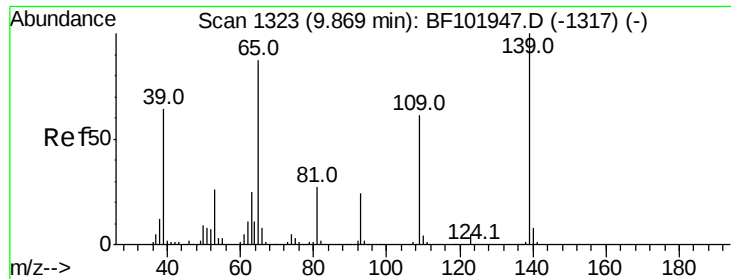
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#54
Dibenzofuran
Concen: 40.986 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	12.6	10.9	16.3





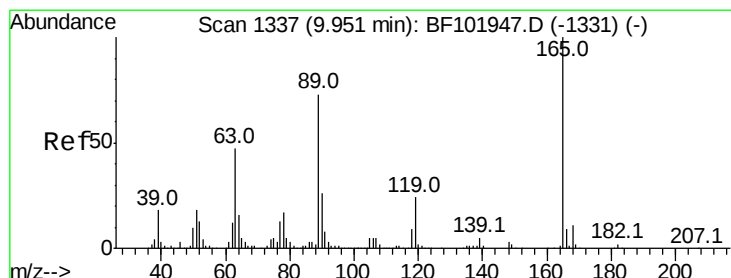
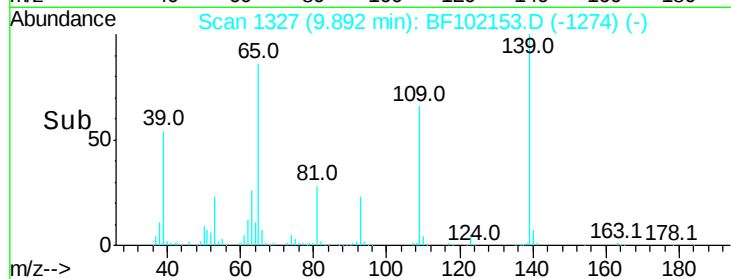
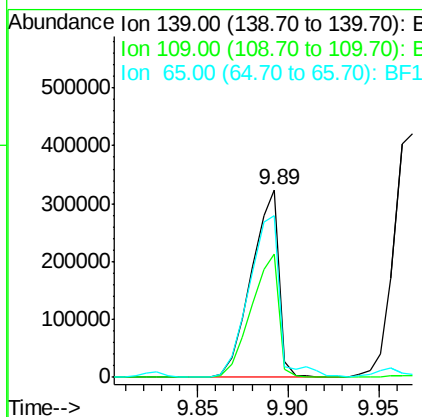
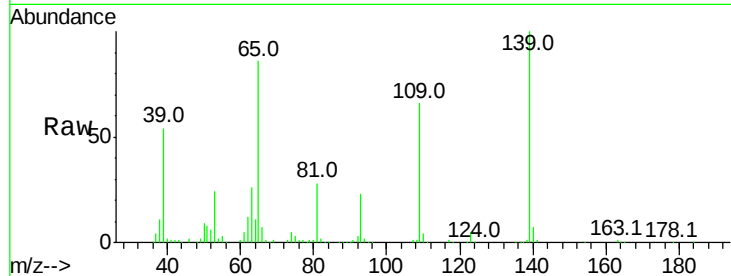
#55
4-Nitrophenol
Concen: 82.912 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.8	48.4	88.4
65	86.2	72.6	112.6

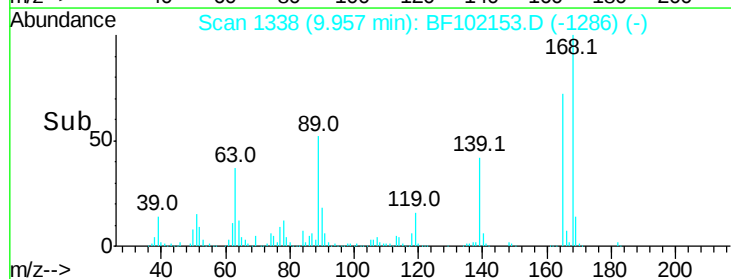
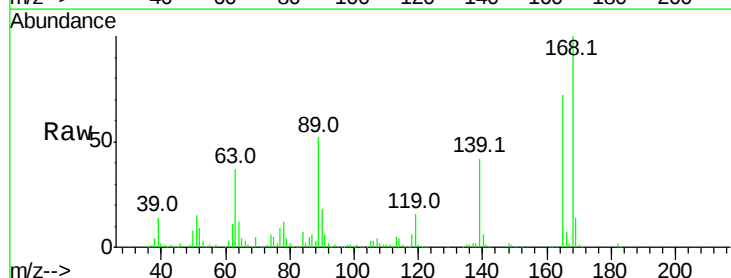
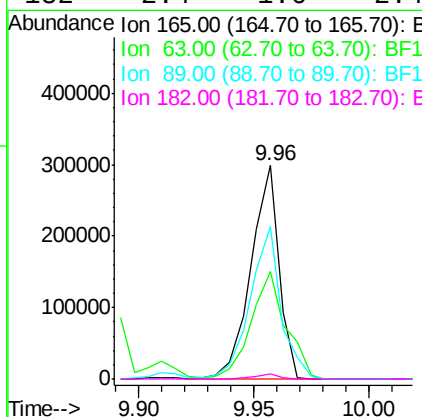
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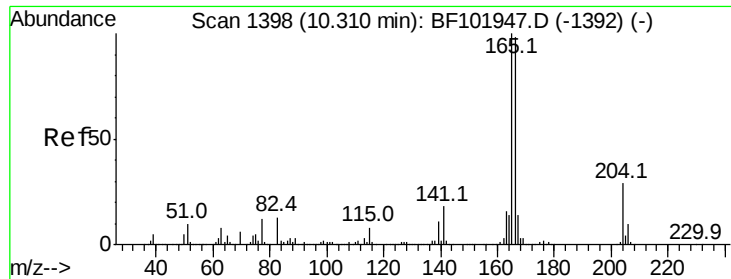
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#56
2,4-Dinitrotoluene
Concen: 46.312 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.6	36.4	54.6
89	71.3	57.8	86.6
182	2.4	1.6	2.4





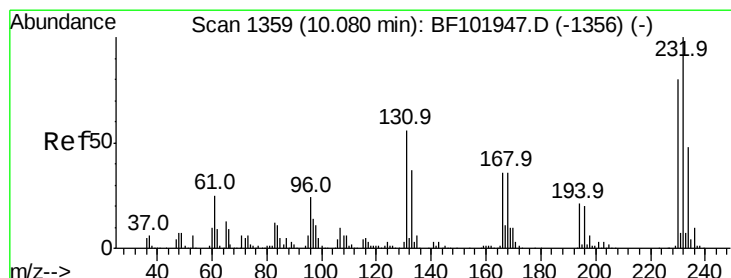
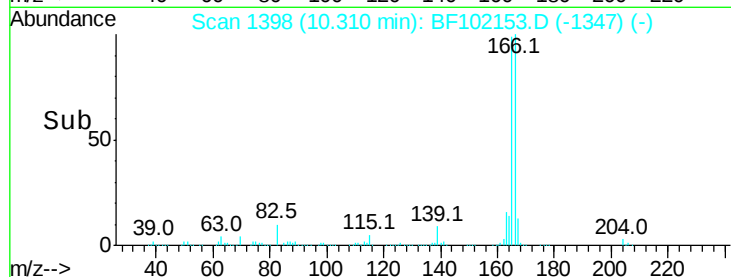
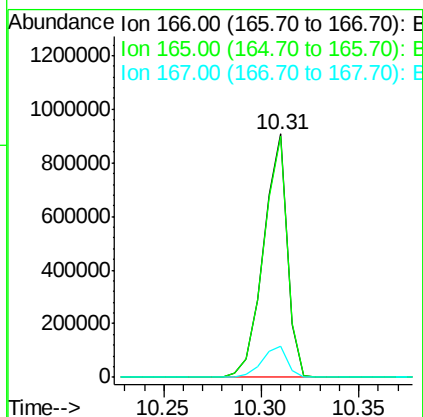
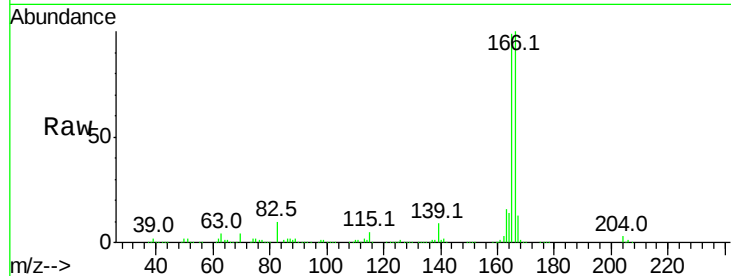
#57
Fluorene
Concen: 44.529 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	765796		
165	99.2	79.8	119.8	
167	12.9	10.6	16.0	

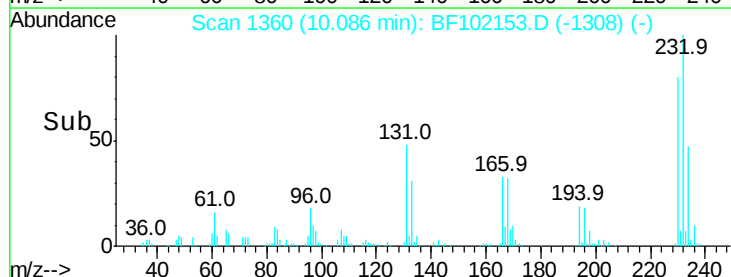
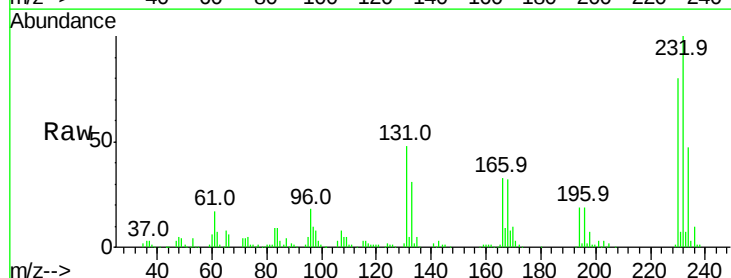
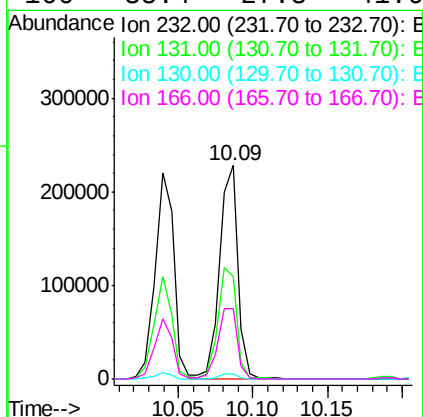
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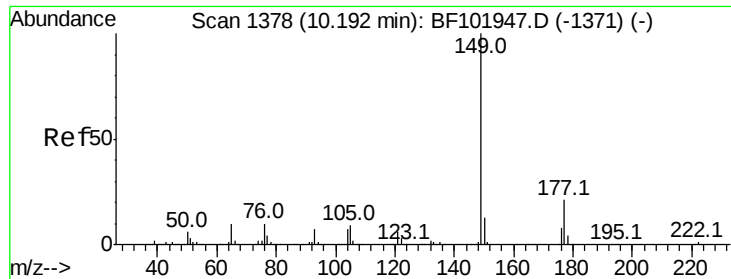
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#58
2,3,4,6-Tetrachlorophenol
Concen: 45.950 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	197905		
131	53.0	43.8	65.8	
130	2.5	2.1	3.1	
166	35.4	27.8	41.6	





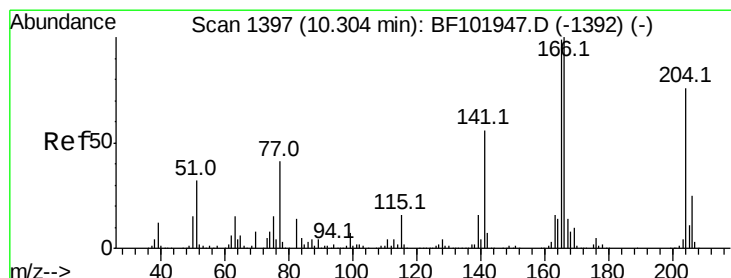
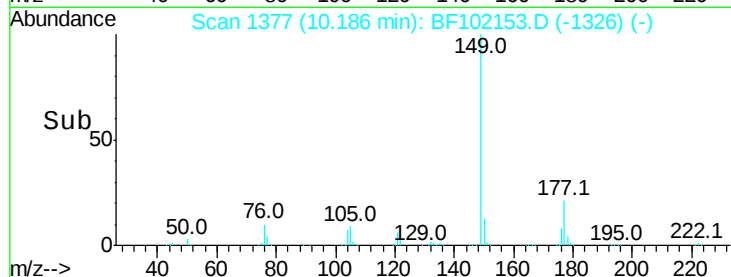
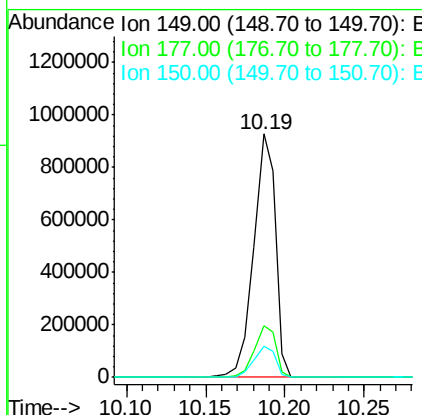
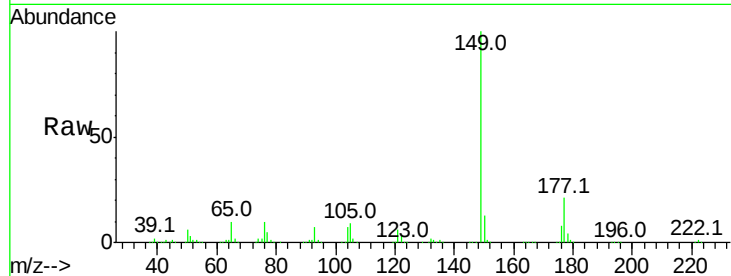
#59
Diethylphthalate
Concen: 40.455 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	886315		
177	21.1		16.1	24.1
150	12.8		10.1	15.1

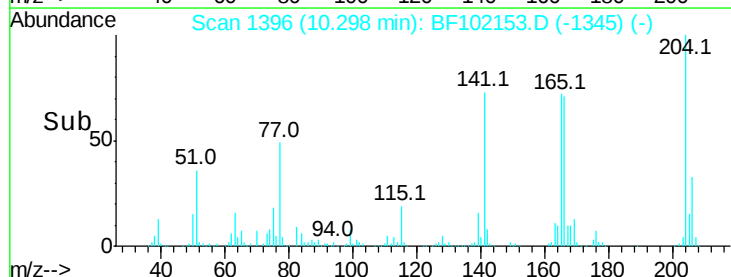
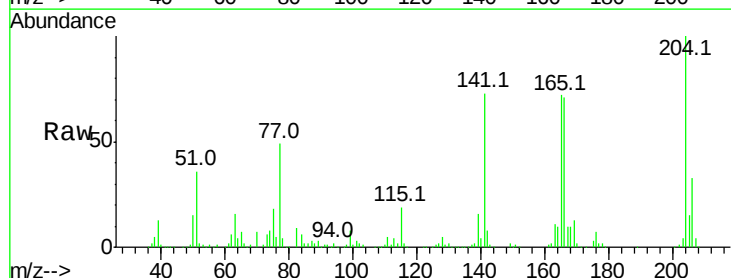
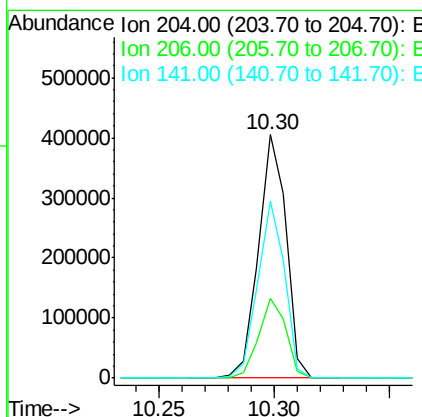
Manual Integrations
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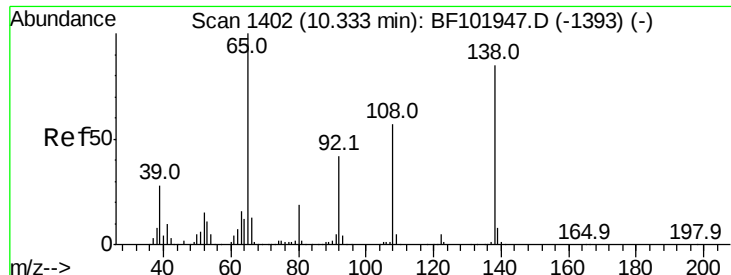
Sohil
1/18/2018 11:12:24 AM



#60
4-Chlorophenyl-phenylether
Concen: 46.295 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	339020		
206	32.5		26.5	39.7
141	72.7		54.6	81.8





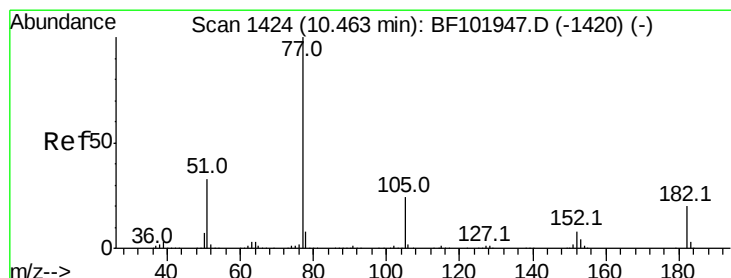
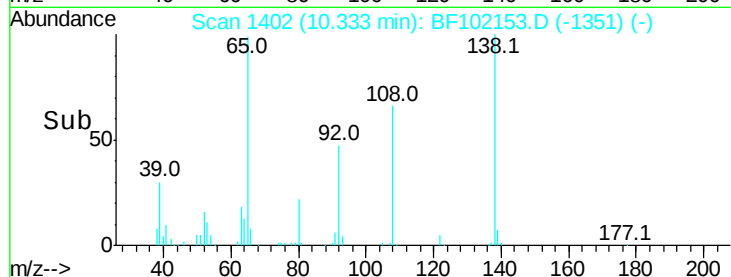
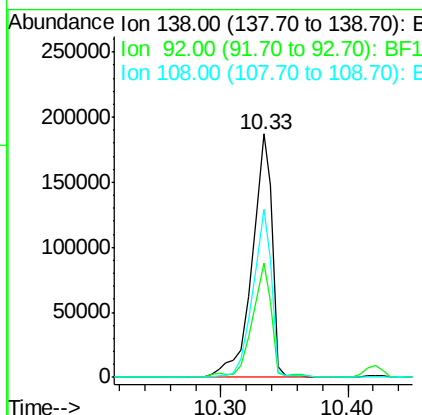
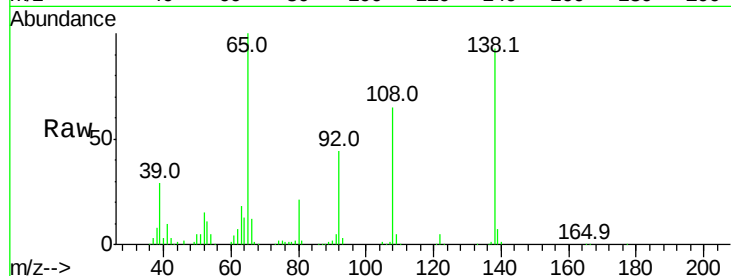
#61
4-Nitroaniline
Concen: 39.362 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampled :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	207414		
92	47.0		30.2	70.2
108	69.3		52.5	92.5

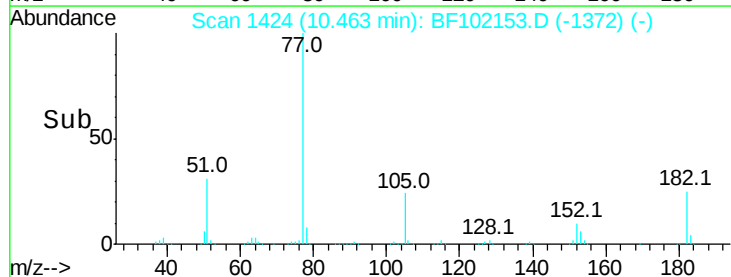
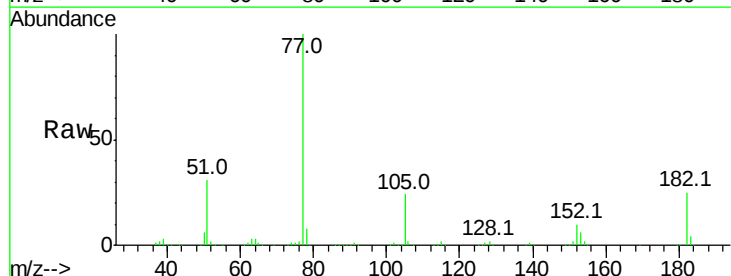
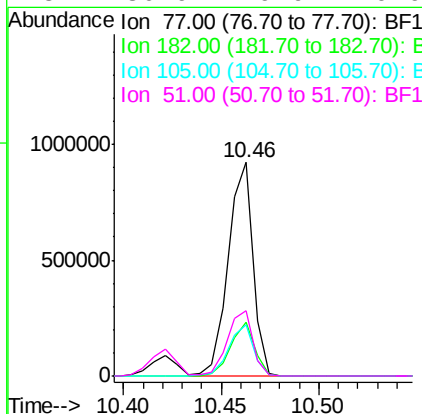
Manual Integrations
APPROVED

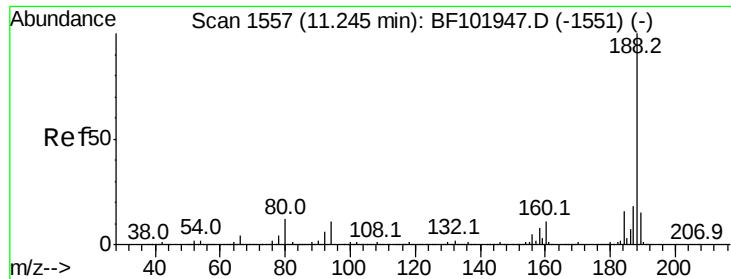
Sohil
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#62
Azobenzene
Concen: 37.227 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	811469		
182	25.4		1.7	41.7
105	24.1		3.0	43.0
51	30.9		9.9	49.9





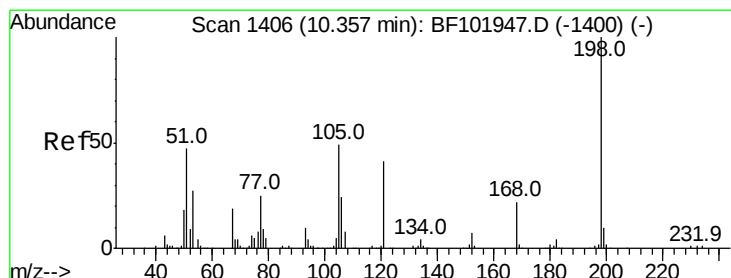
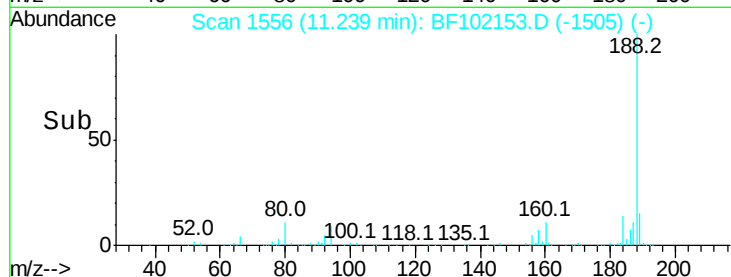
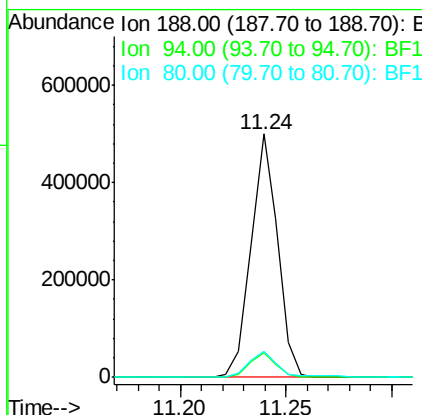
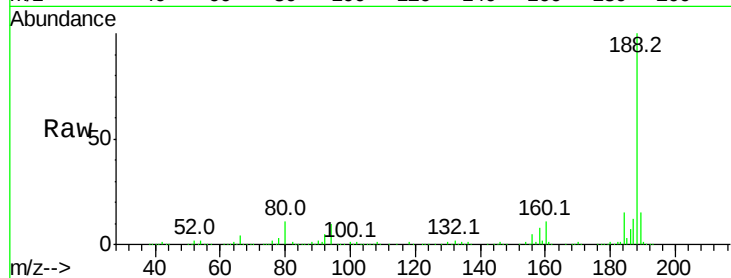
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	8.5	12.7	
80	10.8	9.2	13.8	

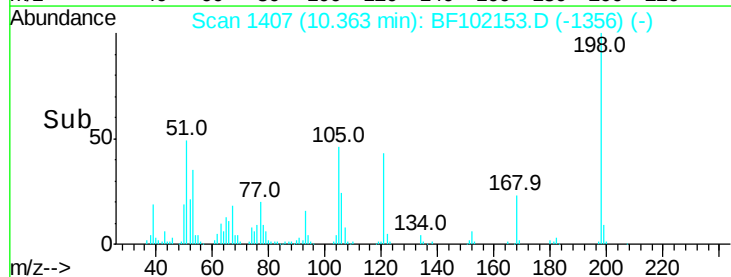
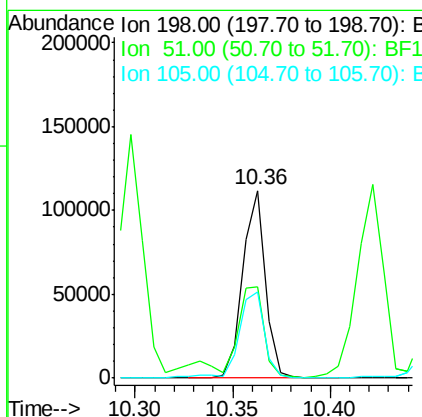
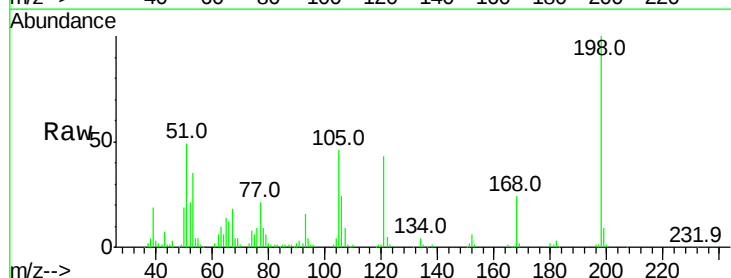
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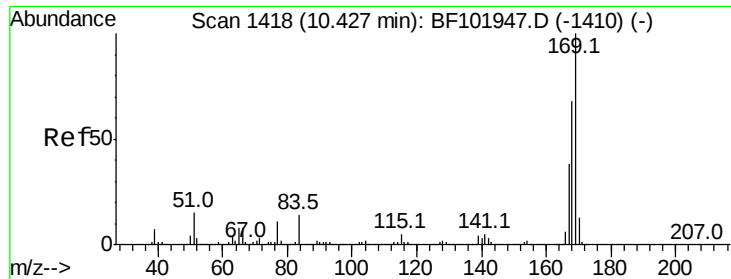
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.107 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.7	37.7	77.7	
105	46.2	36.3	76.3	





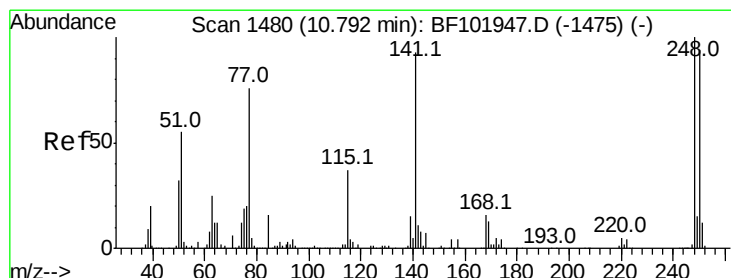
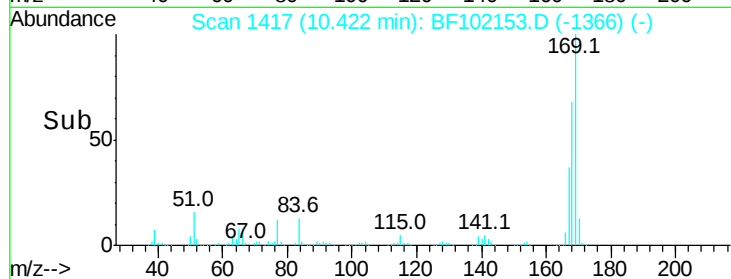
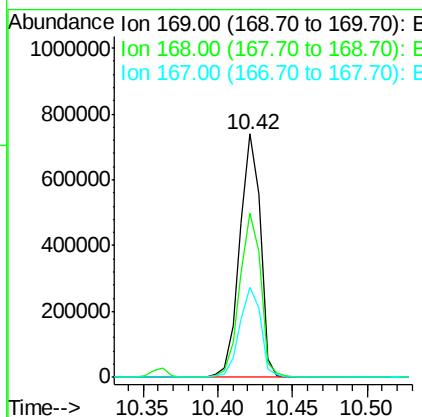
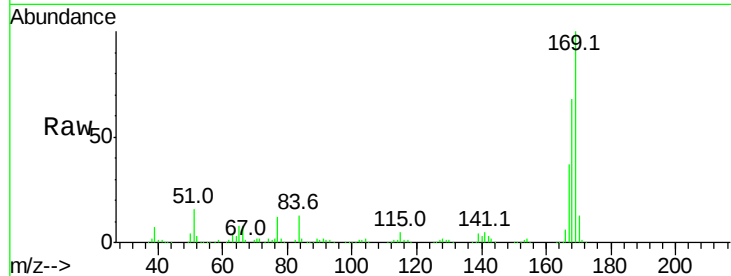
#65
 n-Nitrosodiphenylamine
 Concen: 43.602 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.9	29.8	44.6

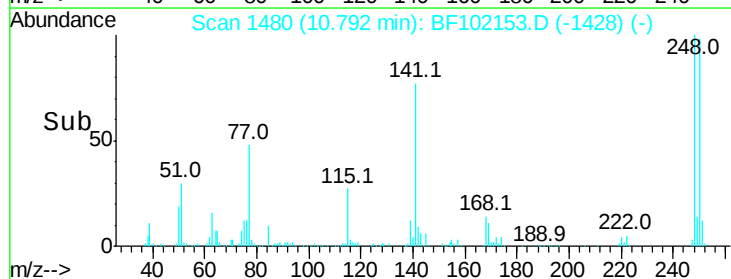
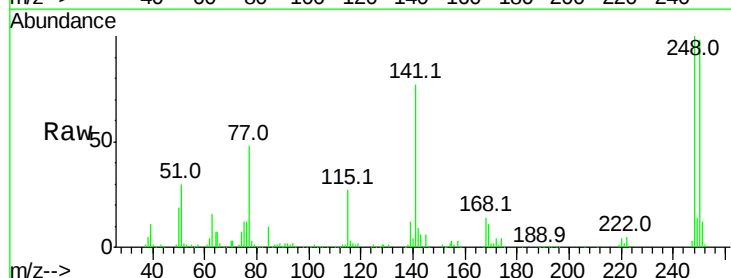
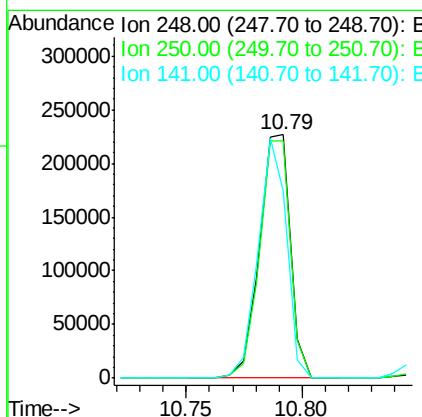
Manual Integrations
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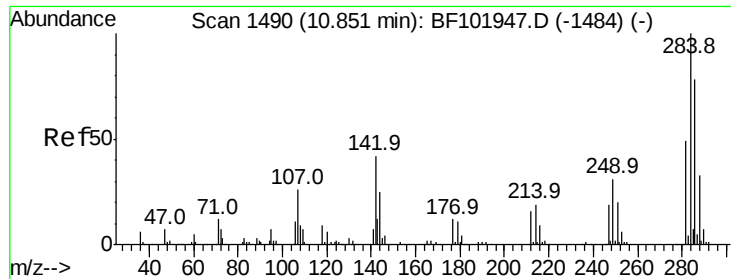
Sohil
 1/18/2018 11:12:24 AM



#66
 4-Bromophenyl-phenylether
 Concen: 45.742 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.9	115.3
141	76.7	74.4	111.6





#67

Hexachlorobenzene

Concen: 43.687 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

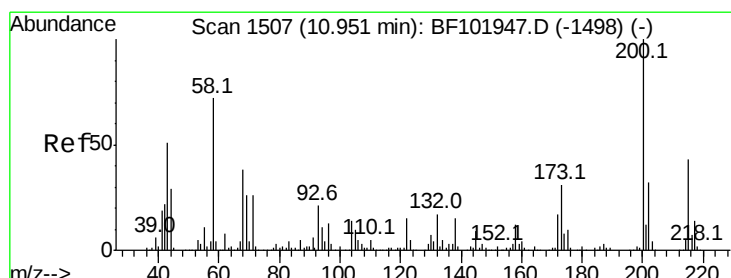
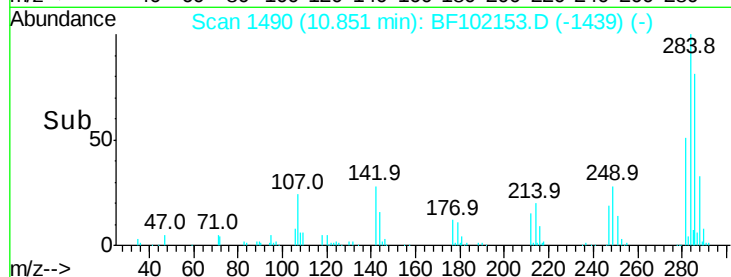
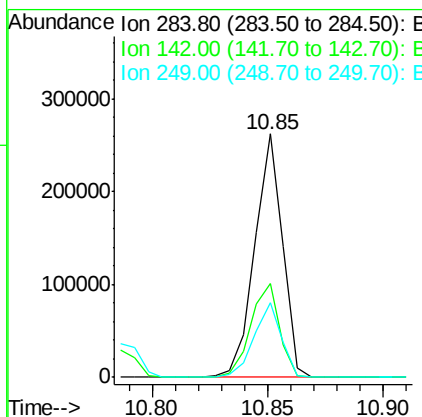
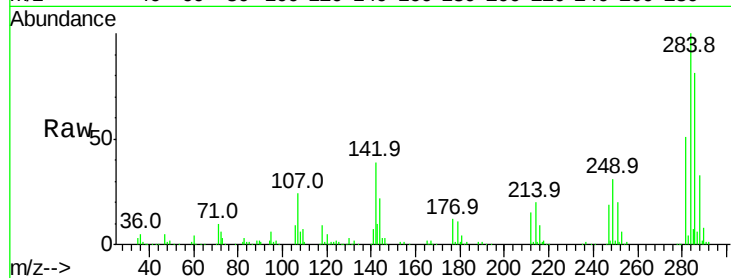
ClientSampleId :

PB105727BS

Tot Ion:	284	Resp:	220441
Ion Ratio	Lower	Upper	
284	100		
142	38.7	34.6	52.0
249	30.7	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 48.743 ng

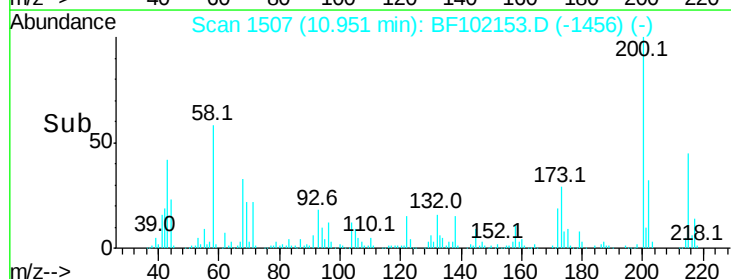
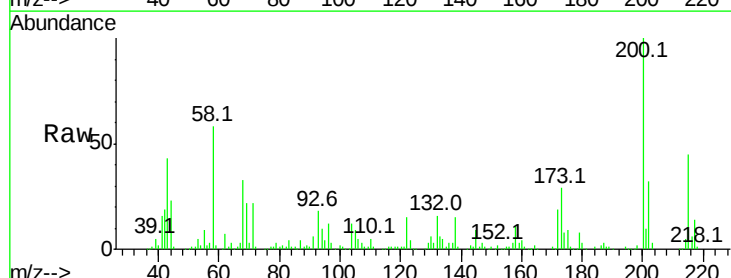
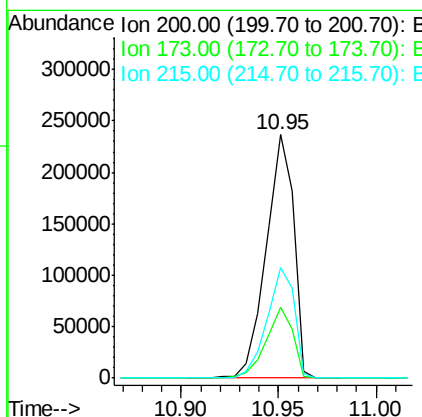
RT: 10.95 min Scan# 1507

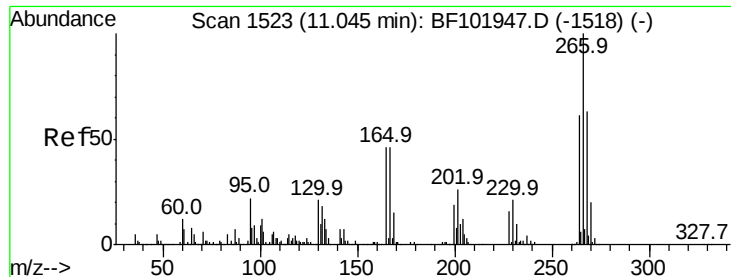
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	200	Resp:	230867
Ion Ratio	Lower	Upper	
200	100		
173	29.0	8.6	48.6
215	45.2	25.1	65.1





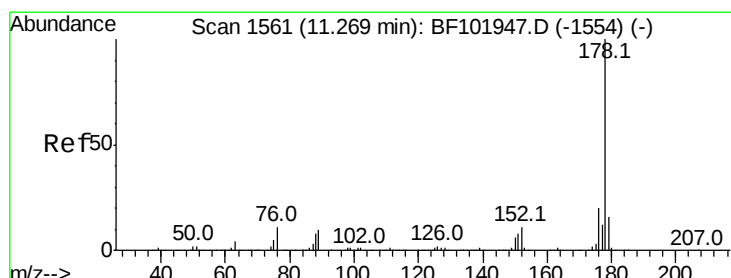
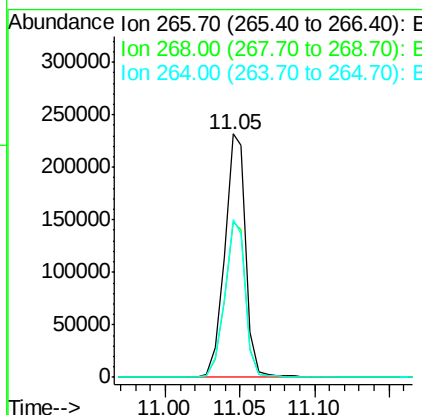
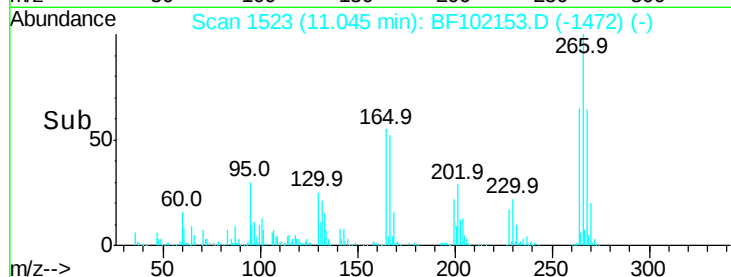
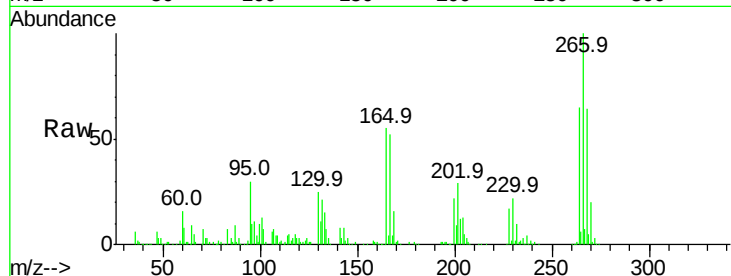
#69
 Pentachlorophenol
 Concen: 75.316 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	231740		
268	63.7		51.1	76.7
264	64.8		49.5	74.3

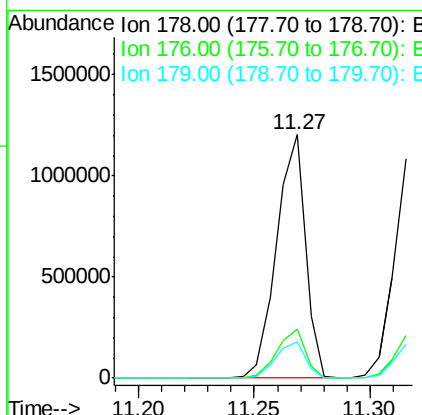
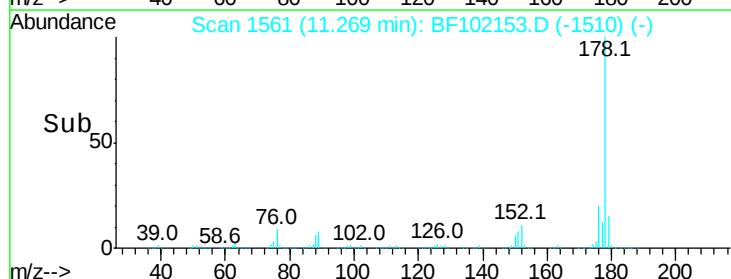
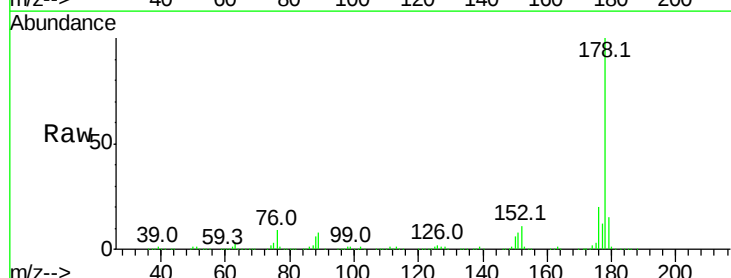
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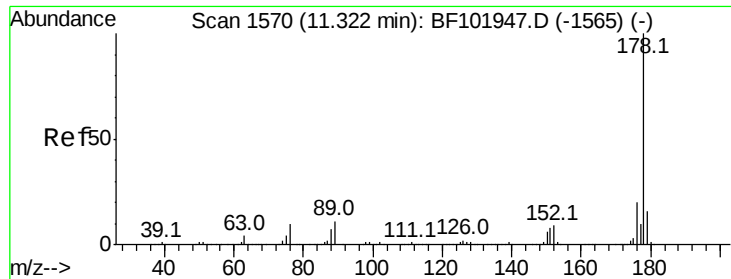
Sohil
 1/18/2018 11:12:24 AM



#70
 Phenanthrene
 Concen: 40.784 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1042676		
176	20.1		15.8	23.8
179	15.0		13.0	19.6





#71

Anthracene

Concen: 41.770 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

PB105727BS

Tot Ion:178 Resp: 1083046

Ion Ratio Lower Upper

178 100

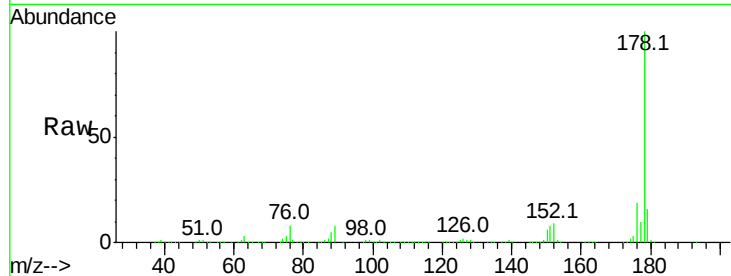
176 19.2 15.4 23.2

179 15.5 12.6 19.0

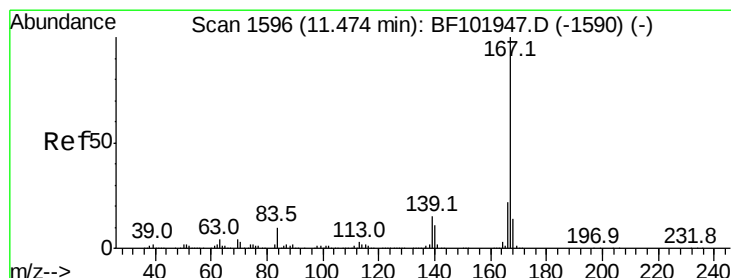
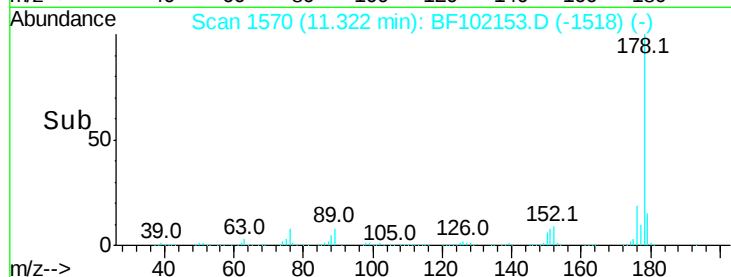
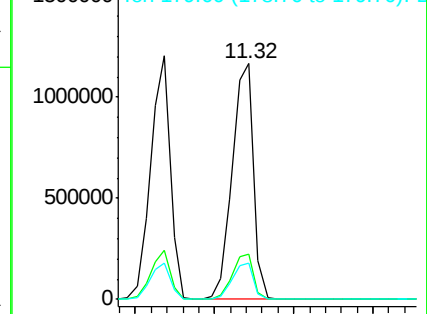
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.935 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

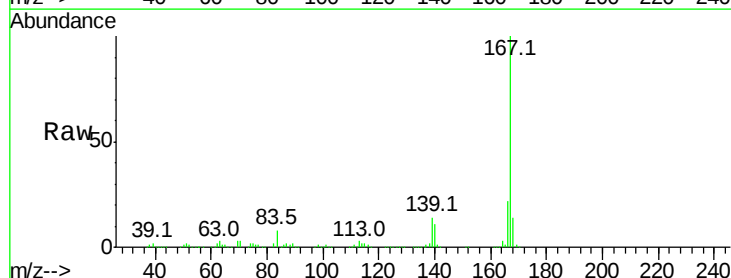
Tgt Ion:167 Resp: 992264

Ion Ratio Lower Upper

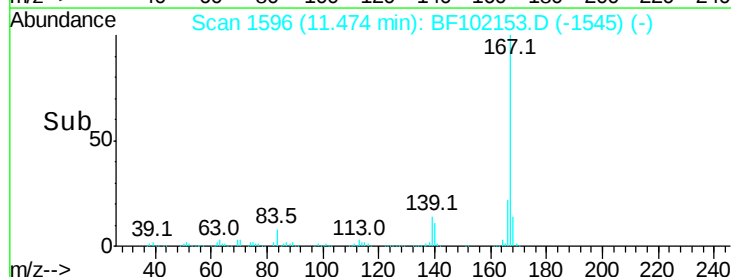
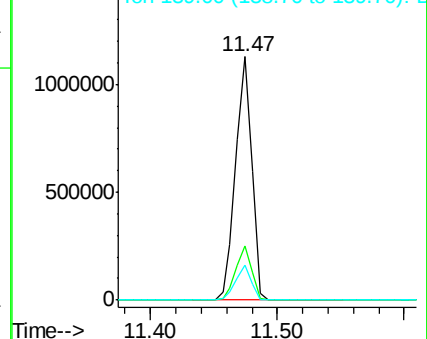
167 100

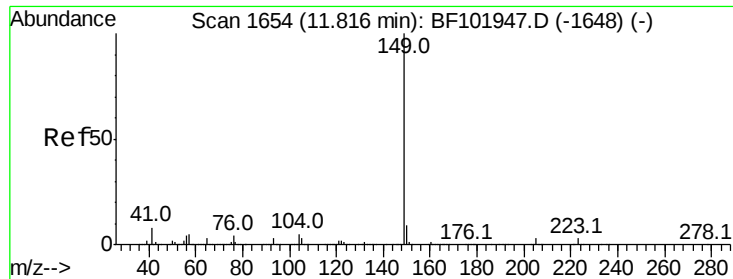
166 22.4 17.6 26.4

139 14.1 10.9 16.3



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





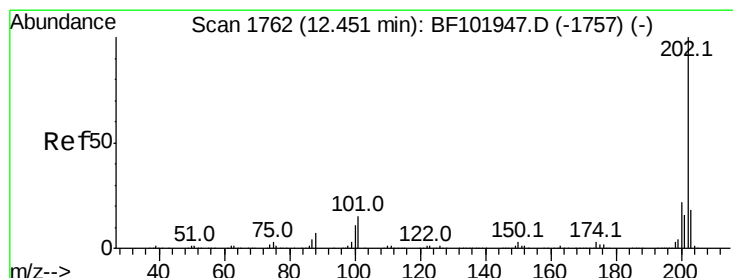
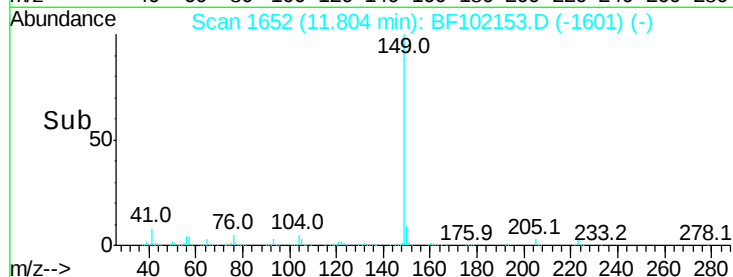
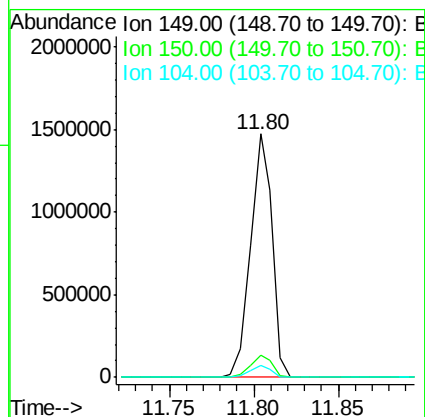
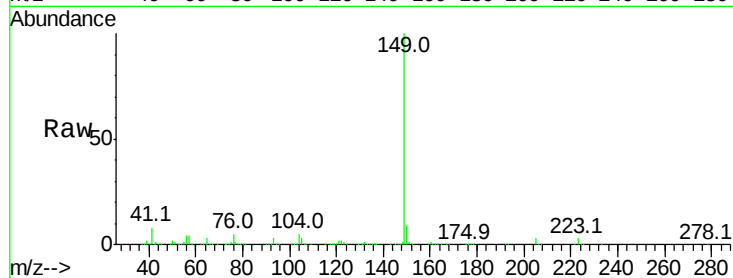
#73
Di-n-butylphthalate
Concen: 42.082 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion:149 Resp: 1315772
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.9 3.8 5.8

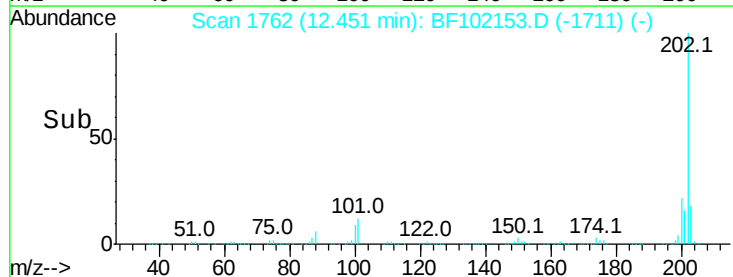
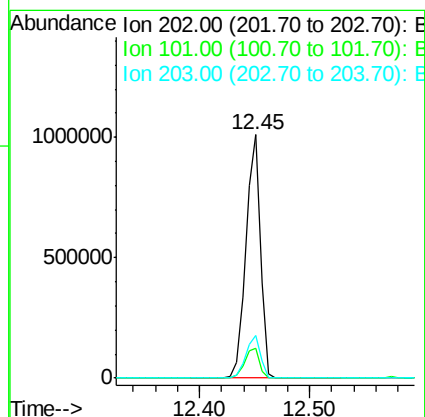
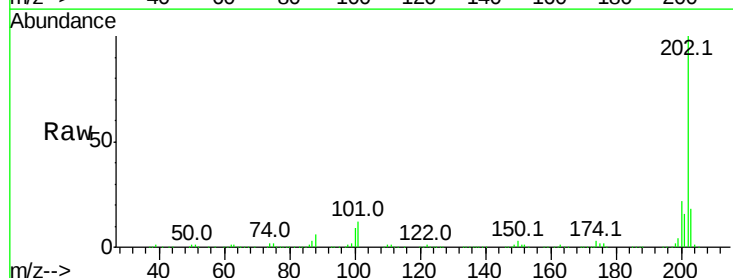
Manual Integrations
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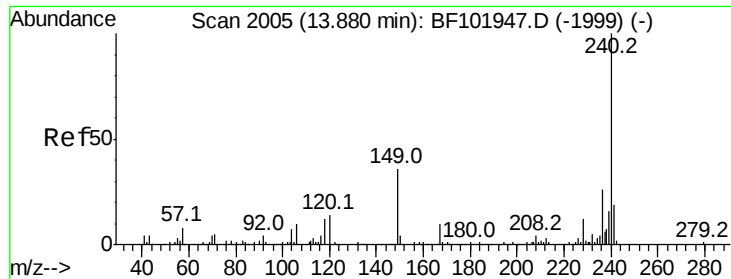
Sohil
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#74
Fluoranthene
Concen: 37.090 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:202 Resp: 932958
Ion Ratio Lower Upper
202 100
101 12.1 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

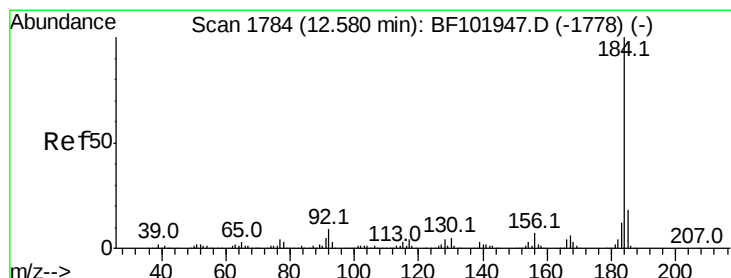
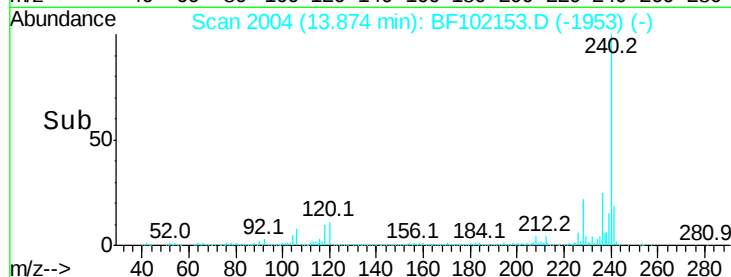
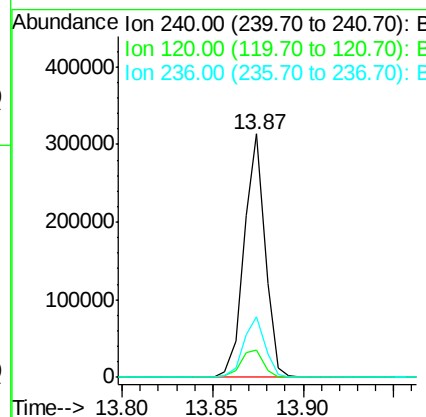
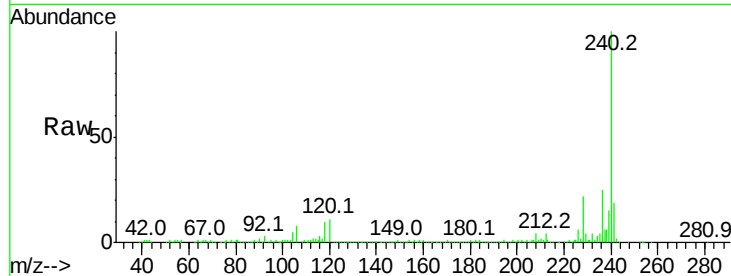
ClientSampleId :

PB105727BS

Tot Ion:	240	Resp:	252543
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.0	20.7	31.1

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#76

Benzidine

Concen: 39.232 ng

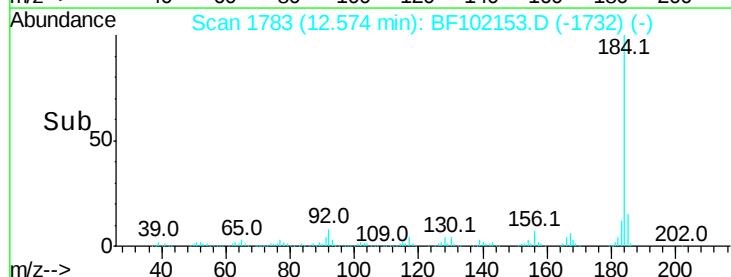
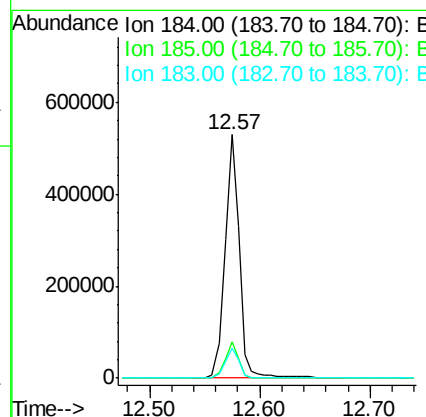
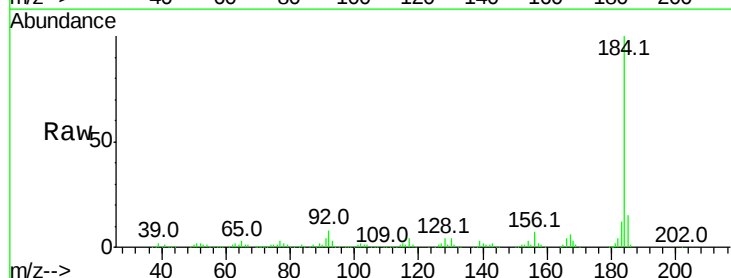
RT: 12.57 min Scan# 1783

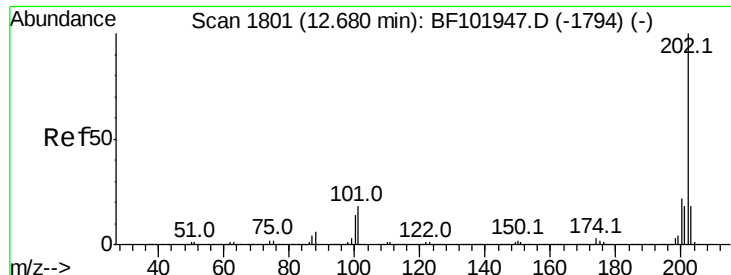
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:	184	Resp:	478432
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.3	9.3	13.9





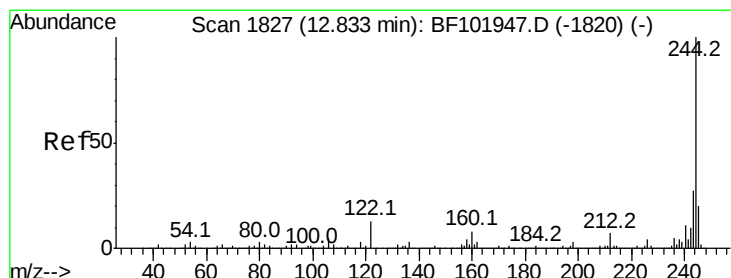
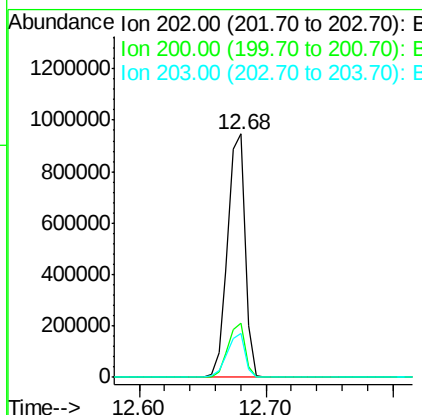
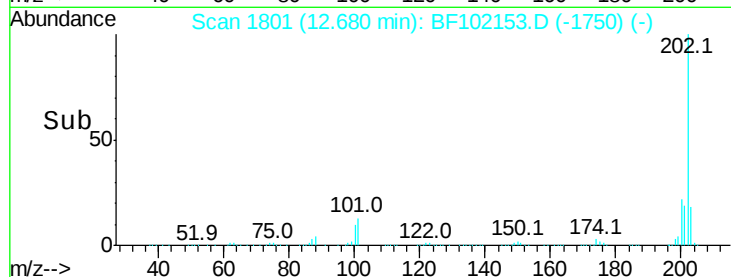
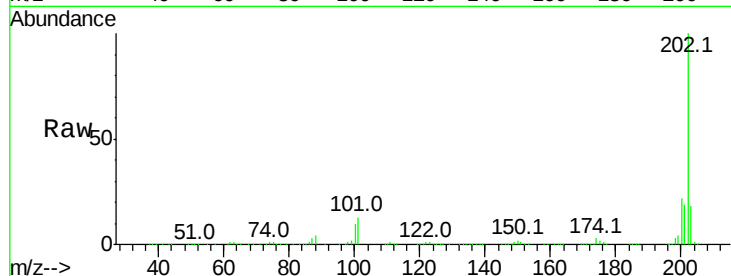
#77
Pvrene
Concen: 40.586 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.4		17.4	26.2
203	18.2		14.3	21.5

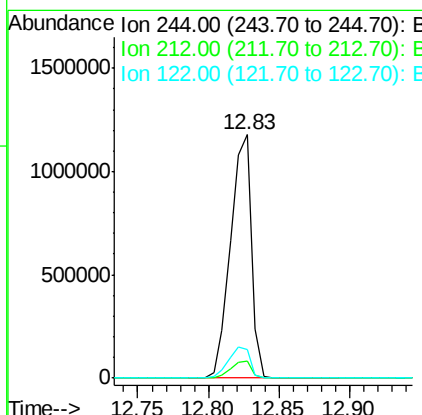
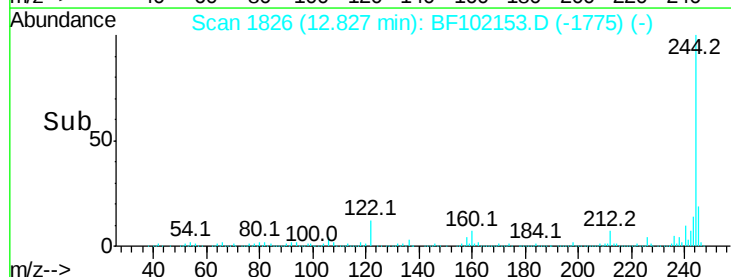
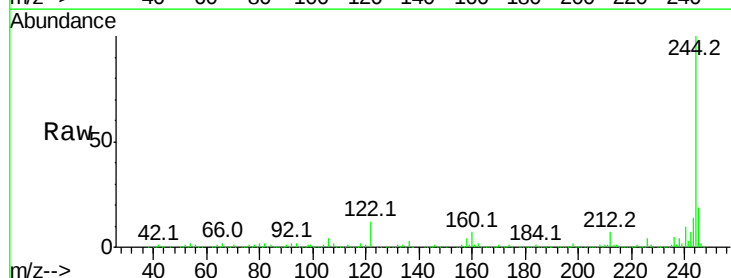
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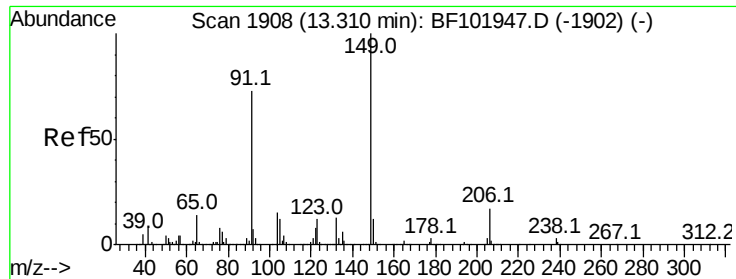
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#78
Terphenyl-d14
Concen: 99.803 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0		5.4	8.0
122	11.7		11.0	16.4





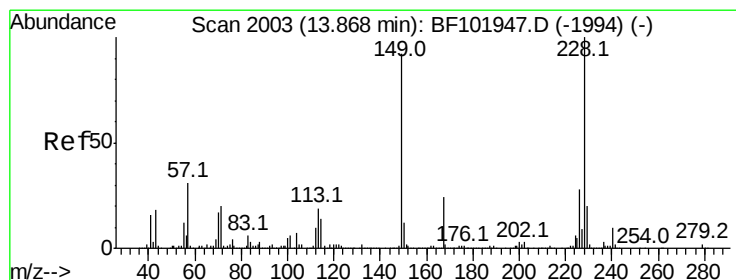
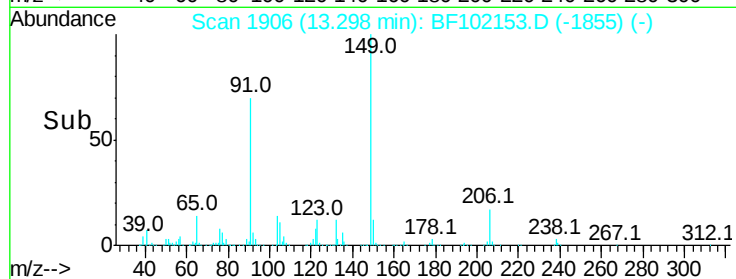
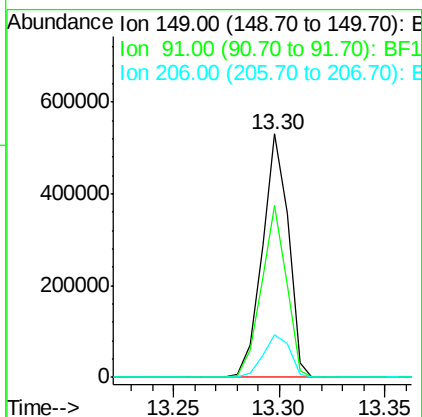
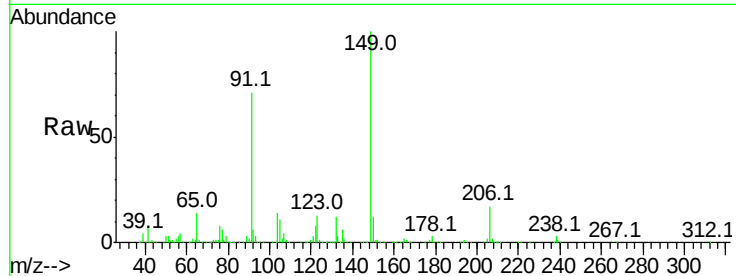
#79
Butylbenzylphthalate
Concen: 44.419 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	17.5	14.1	21.1

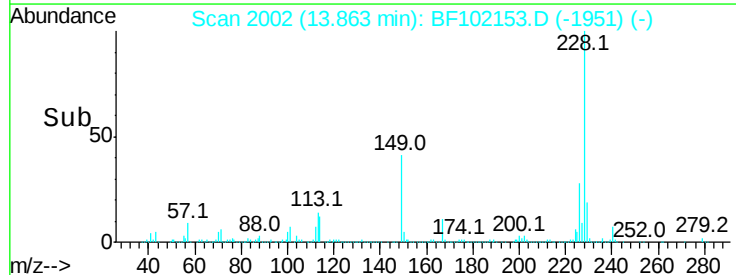
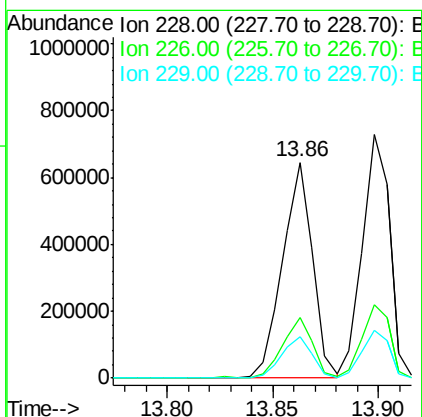
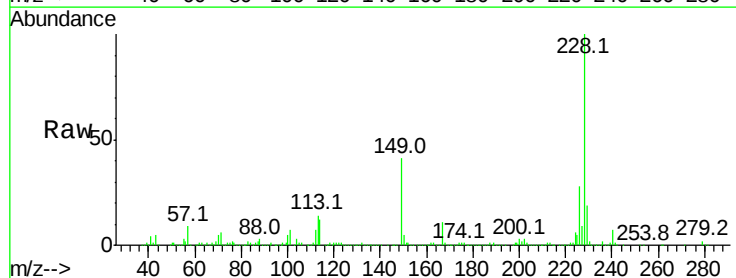
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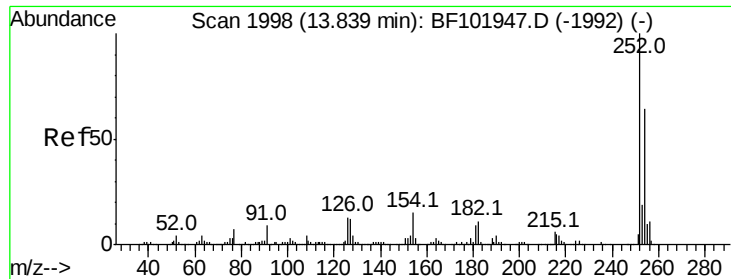
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#80
Benzo(a)anthracene
Concen: 39.824 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.3	15.8	23.6





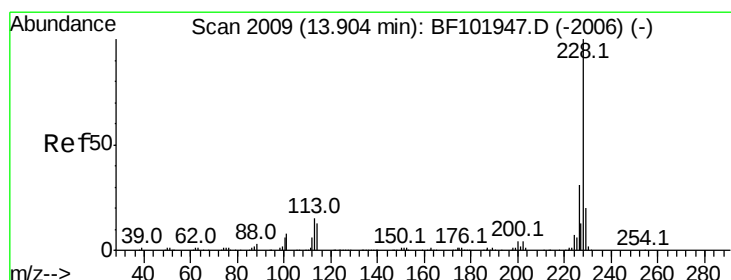
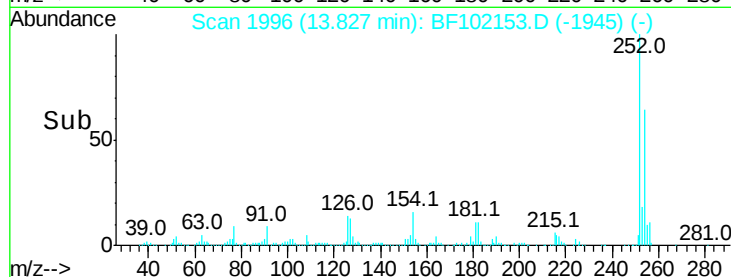
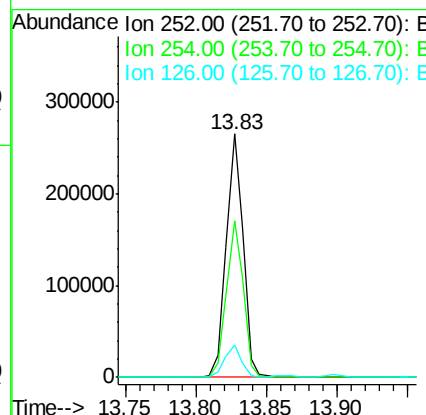
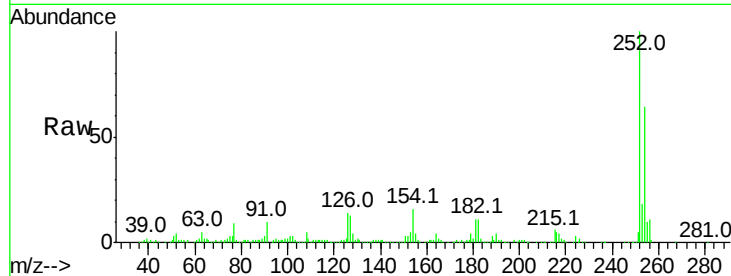
#81
 3,3'-Dichlorobenzidine
 Concen: 37.210 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	221999		
254	64.1		50.4	75.6
126	13.6		11.3	16.9

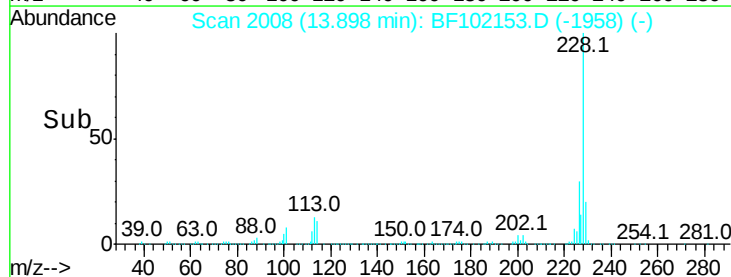
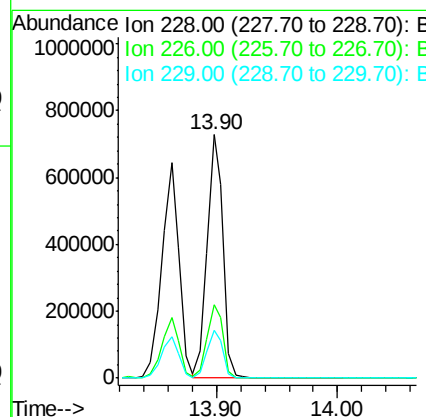
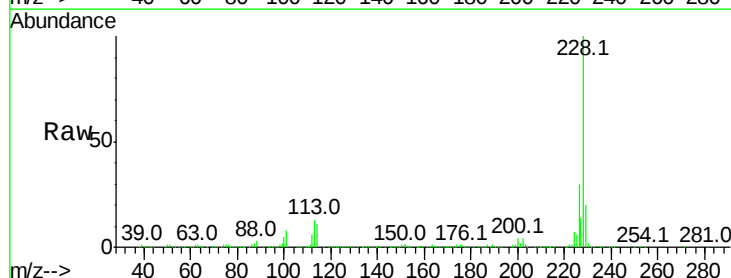
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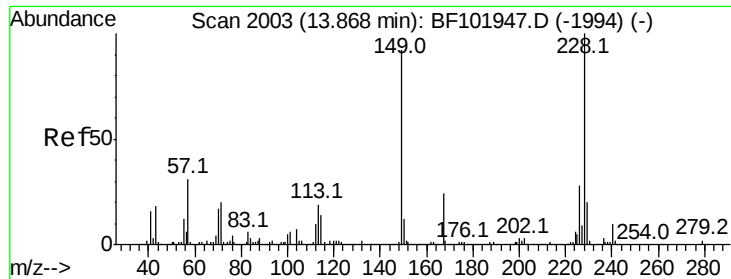
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#82
 Chrysene
 Concen: 38.960 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	654581		
226	30.3		25.0	37.6
229	19.8		16.2	24.4





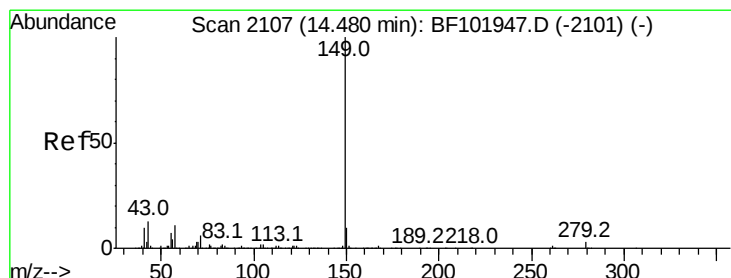
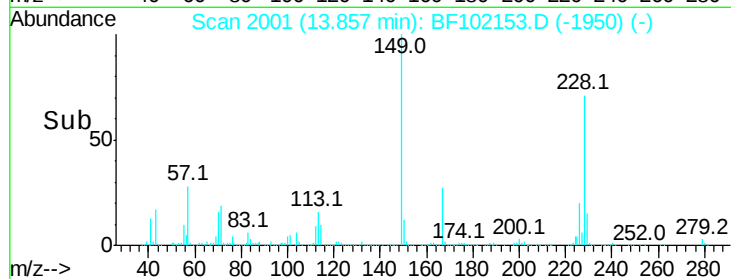
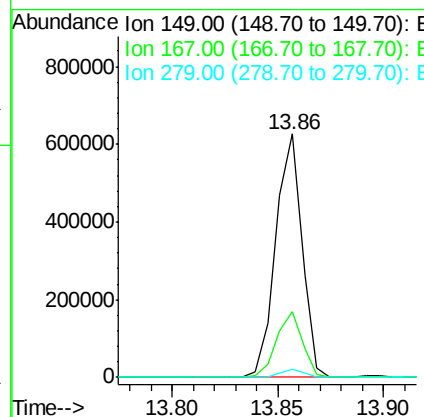
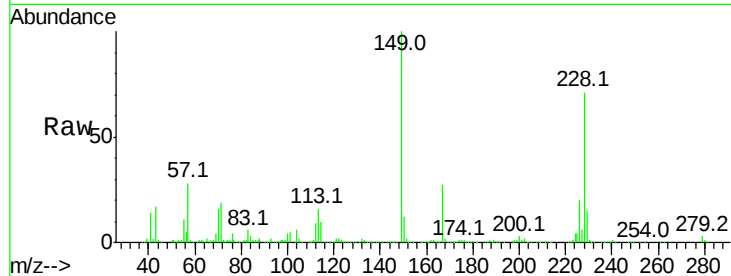
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.230 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.2	3.0	4.4

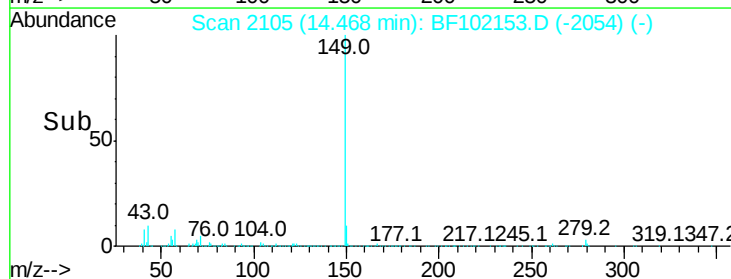
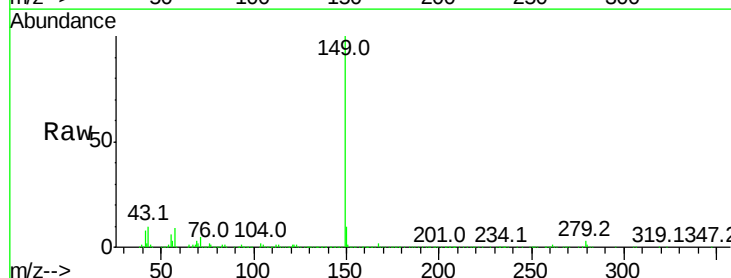
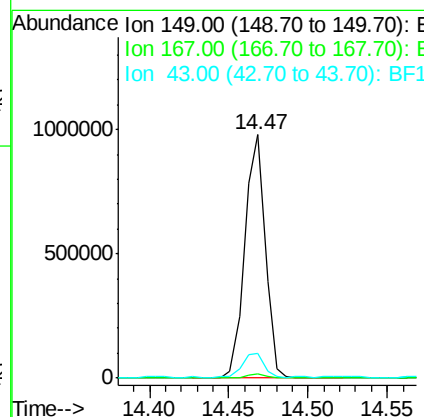
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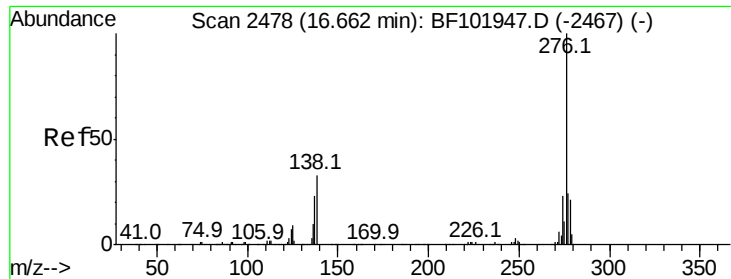
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#84
Di-n-octyl phthalate
Concen: 44.764 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





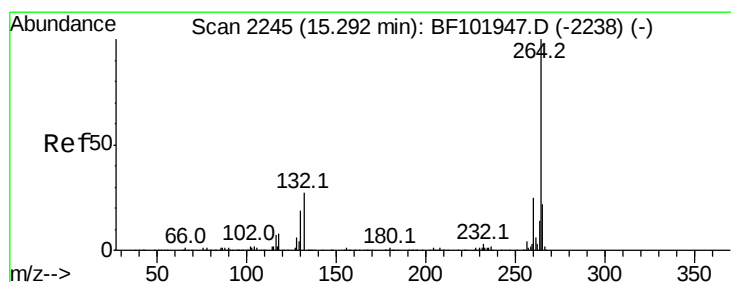
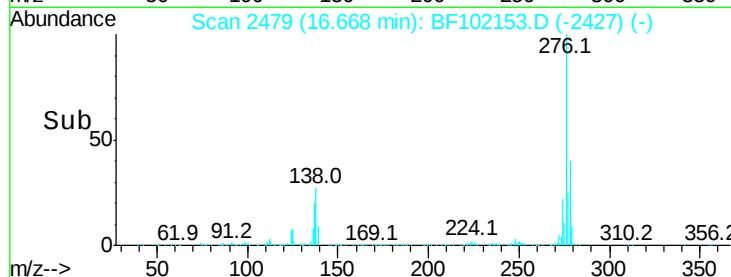
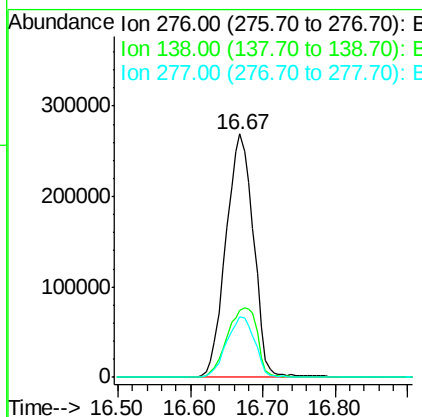
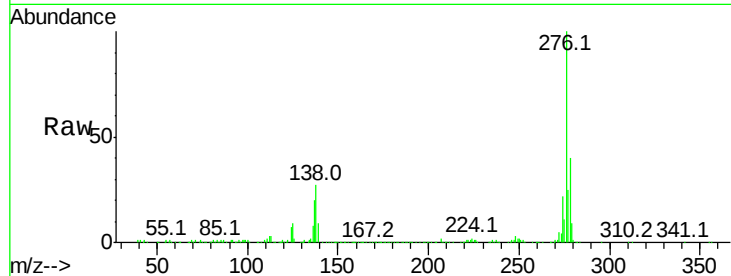
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.187 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	25.5	20.1	30.1

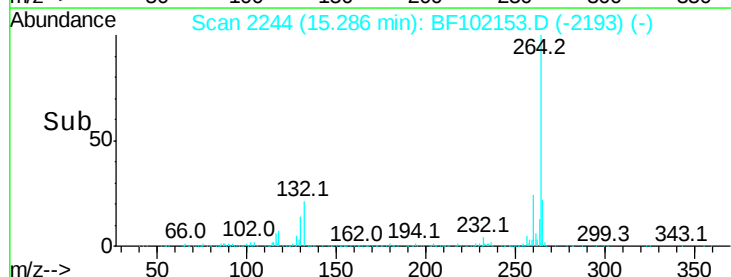
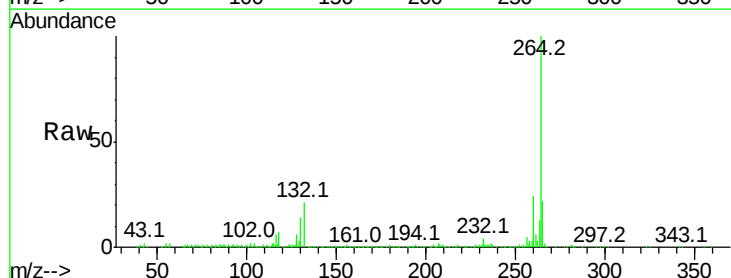
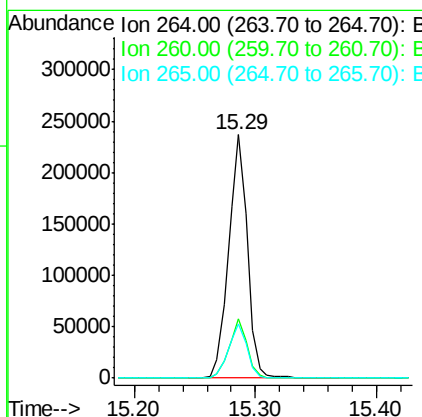
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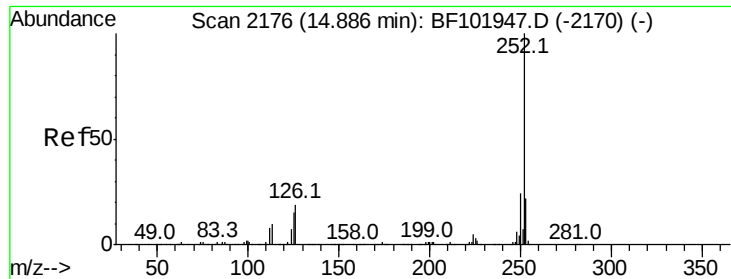
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.898 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

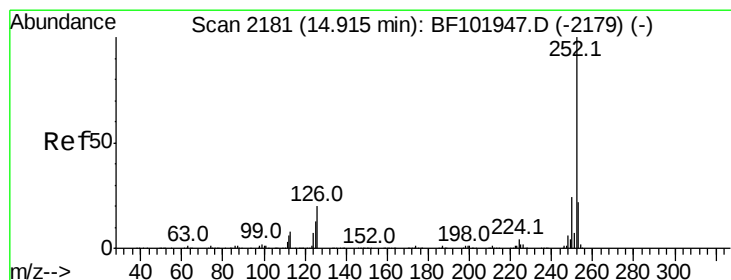
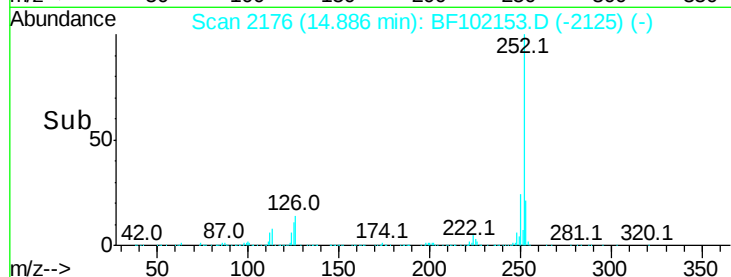
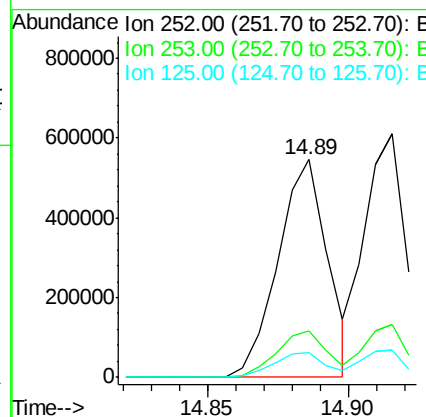
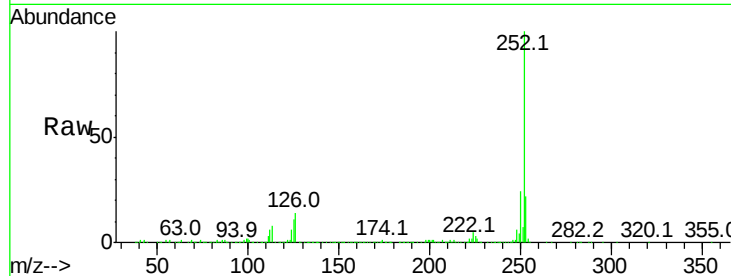
ClientSampleId :

PB105727BS

Tot Ion:252	Resp:	662544
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.0 25.6
125	11.2	9.0 13.6

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#88

Benzo(k)fluoranthene

Concen: 38.743 ng

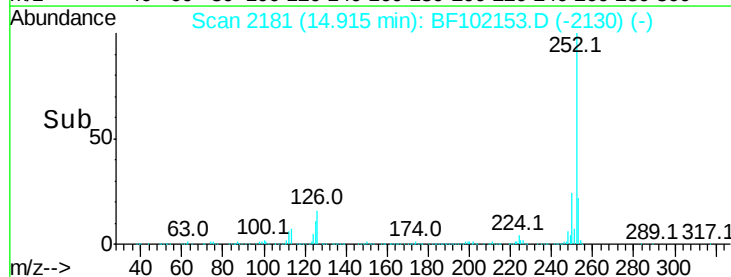
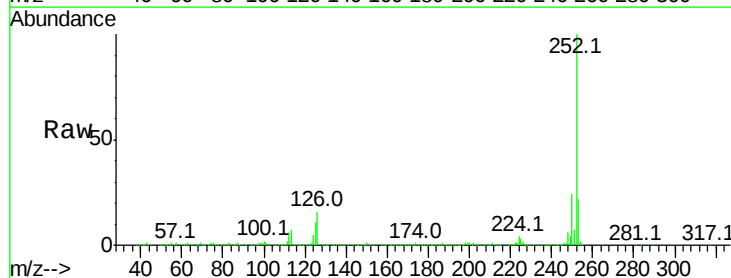
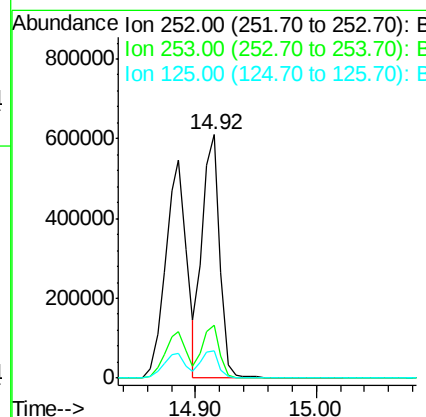
RT: 14.92 min Scan# 2181

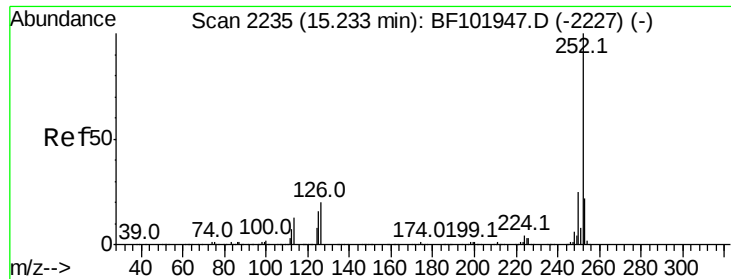
Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Tgt Ion:252	Resp:	620642
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.9 26.9
125	11.3	10.2 15.2





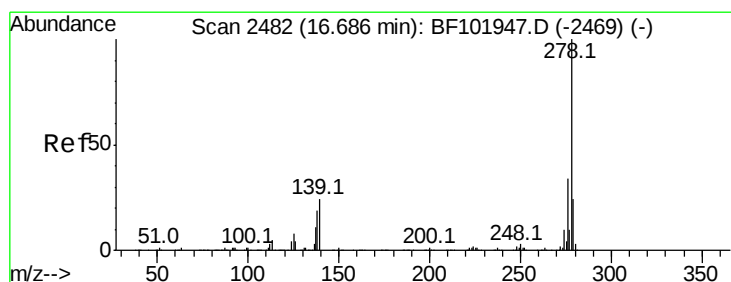
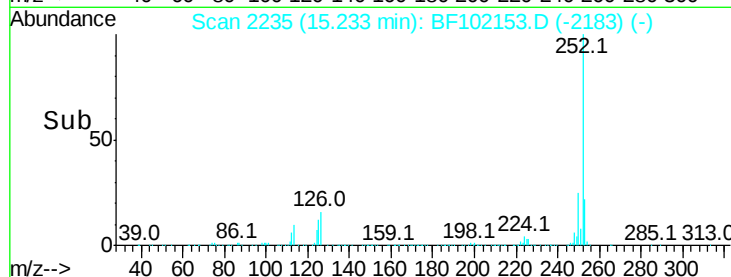
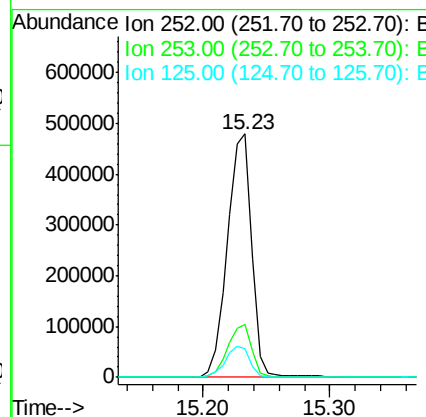
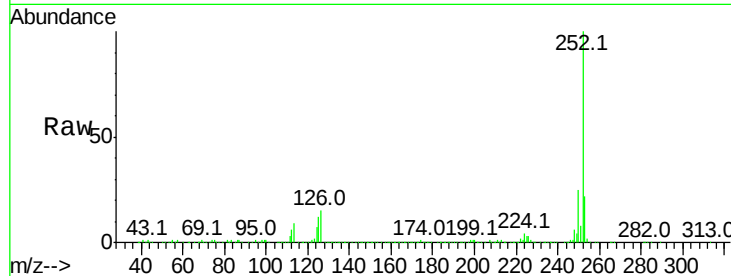
#89
Benzo(a)pyrene
Concen: 42.610 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.9	9.8	14.6

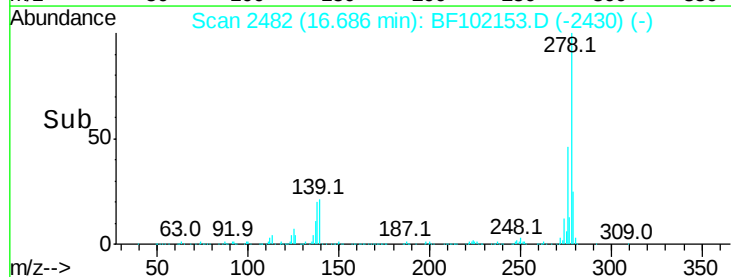
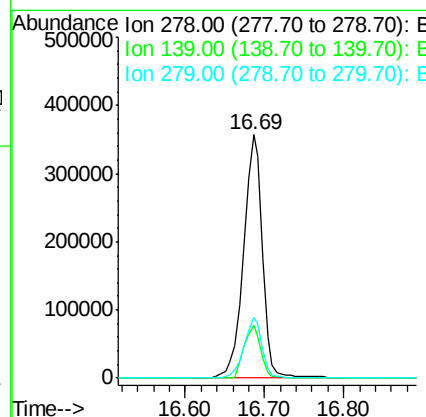
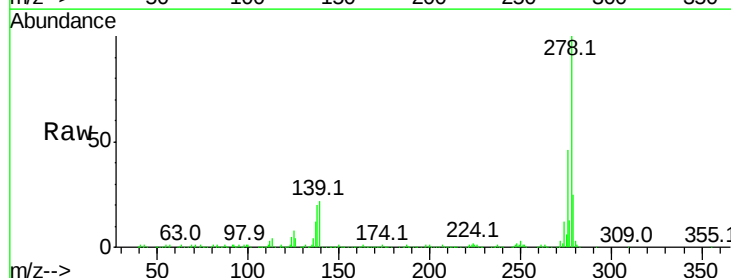
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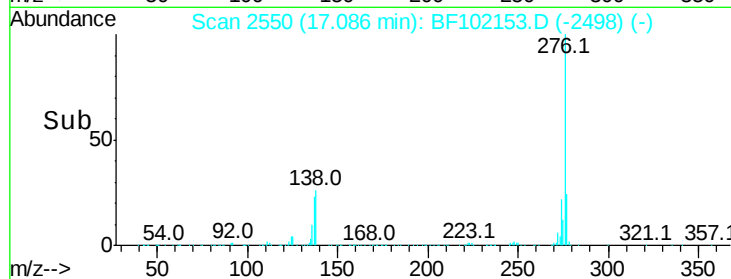
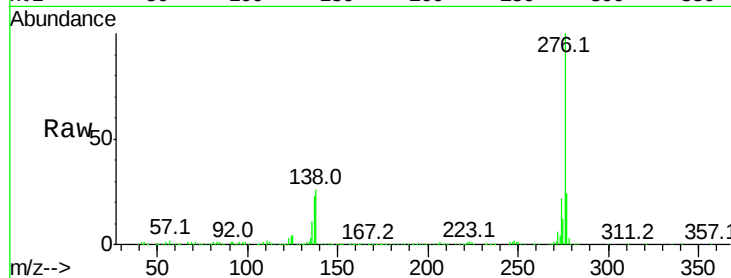
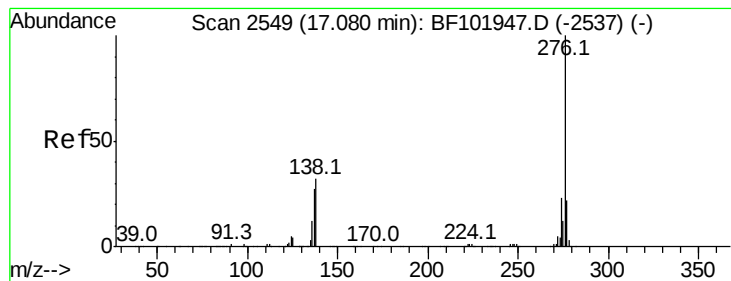
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#90
Dibenzo(a,h)anthracene
Concen: 49.261 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	24.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.208 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB105727BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	26.1	21.8	32.8

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