

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103206.D
 Acq On : 26 Feb 2018 9:41
 Operator : SJ/JU
 Sample : PB106745BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:22:19 PM

Quant Time: Feb 26 10:47:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167415	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	710941	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	322364	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	560913	20.00	ng	0.00
75) Chrysene-d12	14.05	240	392225	20.00	ng	0.00
86) Perylene-d12	15.54	264	322284	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1043812	94.30	ng	0.01
7) Phenol-d6	6.50	99	1241569	91.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	829118	66.60	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	256763	94.10	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1302193	65.91	ng	0.00
78) Terphenyl-d14	12.99	244	1187381	72.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	178423	30.519	ng	92
3) Pyridine	3.50	79	463389	29.689	ng	97
4) n-Nitrosodimethylamine	3.43	42	232052	36.864	ng	98
6) Aniline	6.53	93	353948	18.106	ng	93
8) 2-Chlorophenol	6.66	128	396982	34.523	ng	95
9) Benzaldehyde	6.42	77	237179	26.059	ng	98
10) Phenol	6.52	94	508860	32.362	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	398544	33.395	ng	92
12) 1,3-Dichlorobenzene	6.81	146	416151	31.668	ng	98
13) 1,4-Dichlorobenzene	6.89	146	414495	31.461	ng	99
14) 1,2-Dichlorobenzene	7.04	146	390081	32.110	ng	100
15) Benzyl Alcohol	7.01	79	340875	33.397	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	672212	32.801	ng	98
17) 2-Methylphenol	7.12	107	343502	32.871	ng	97
18) Hexachloroethane	7.38	117	156813	32.695	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	268022	31.794	ng	97
20) 3+4-Methylphenols	7.27	107	390812	30.680	ng	# 68
22) Acetophenone	7.28	105	523529	31.548	ng	# 91
24) Nitrobenzene	7.46	77	448369	32.713	ng	98
25) Isophorone	7.69	82	820654	33.471	ng	99
26) 2-Nitrophenol	7.77	139	220229	34.131	ng	93
27) 2,4-Dimethylphenol	7.80	122	361321	36.635	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	509382	35.336	ng	98
29) 2,4-Dichlorophenol	8.01	162	326930	34.623	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	315846	31.410	ng	98
31) Naphthalene	8.17	128	1122749	32.257	ng	100
32) Benzoic acid	7.93	122	242245	35.252	ng	99
33) 4-Chloroaniline	8.22	127	137606	9.162	ng	96
34) Hexachlorobutadiene	8.29	225	159227	30.408	ng	100
35) Caprolactam	8.60	113	119283m	35.943	ng	
36) 4-Chloro-3-methylphenol	8.71	107	369424	34.686	ng	99
37) 2-Methylnaphthalene	8.87	142	739687	32.883	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279690	31.737	ng	98
40) Hexachlorocyclopentadiene	9.02	237	194759	64.618	ng	98

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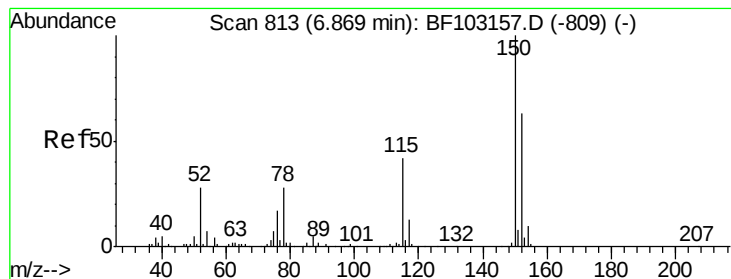
Manual Integrations
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Sohil
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	200353	33.787	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	218813	32.083	nq	97
45) 1,1'-Biphenyl	9.33	154	845582	31.303	nq	98
46) 2-Chloronaphthalene	9.36	162	679809	31.811	nq	100
47) 2-Nitroaniline	9.46	65	263607	33.300	nq	91
48) Acenaphthylene	9.77	152	1042311	31.700	nq	100
49) Dimethylphthalate	9.63	163	825105	31.906	nq	100
50) 2,6-Dinitrotoluene	9.70	165	179719	33.116	nq	97
51) Acenaphthene	9.95	154	600453	31.317	nq	100
52) 3-Nitroaniline	9.86	138	105682	15.349	nq	95
53) 2,4-Dinitrophenol	9.98	184	139364	72.165	nq #	16
54) Dibenzofuran	10.12	168	915533	34.785	nq	97
55) 4-Nitrophenol	10.04	139	264737	62.039	nq	95
56) 2,4-Dinitrotoluene	10.10	165	238821	34.795	nq	96
57) Fluorene	10.46	166	689469	30.751	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	162844	35.543	nq	97
59) Diethylphthalate	10.33	149	798161	32.270	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	311065	32.716	nq	95
61) 4-Nitroaniline	10.49	138	215929	31.398	nq	92
62) Azobenzene	10.61	77	851793	33.834	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	103149	32.055	nq	96
65) n-Nitrosodiphenylamine	10.57	169	631491	32.334	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	190083	32.532	nq	97
67) Hexachlorobenzene	11.01	284	200488	31.613	nq	97
68) Atrazine	11.10	200	197049	33.568	nq	99
69) Pentachlorophenol	11.21	266	189763	61.883	nq	98
70) Phenanthrene	11.43	178	994622	32.221	nq	99
71) Anthracene	11.48	178	1045538	33.030	nq	99
72) Carbazole	11.63	167	1012416	32.118	nq	99
73) Di-n-butylphthalate	11.95	149	1277683	32.393	nq	99
74) Fluoranthene	12.62	202	1007421	32.477	nq	98
76) Benzidine	12.73	184	303152	20.674	nq	98
77) Pyrene	12.84	202	1013809	33.152	nq	99
79) Butylbenzylphthalate	13.46	149	554443	34.316	nq	97
80) Benzo(a)anthracene	14.04	228	825846	32.451	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	150851	16.609	nq	98
82) Chrysene	14.07	228	803601	32.521	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	748852	34.346	nq	100
84) Di-n-octyl phthalate	14.63	149	1192220	33.844	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	660492	33.763	nq	98
87) Benzo(b)fluoranthene	15.10	252	727926	34.353	nq	98
88) Benzo(k)fluoranthene	15.14	252	660114	33.082	nq	99
89) Benzo(a)pyrene	15.48	252	648938	34.294	nq #	96
90) Dibenzo(a,h)anthracene	17.07	278	542623	37.111	nq	99
91) Benzo(g,h,i)perylene	17.52	276	562731	39.378	nq	98

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



#1

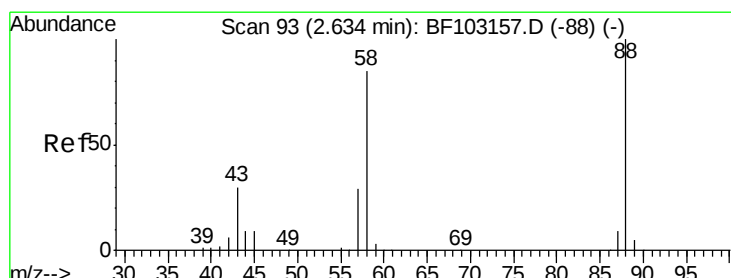
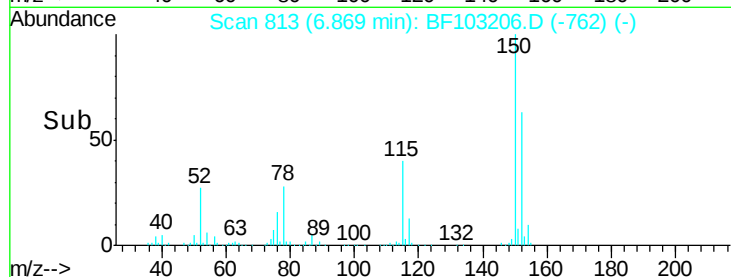
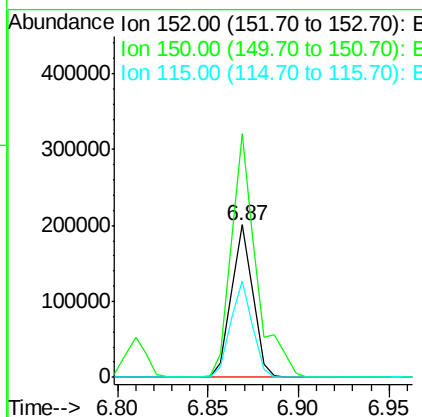
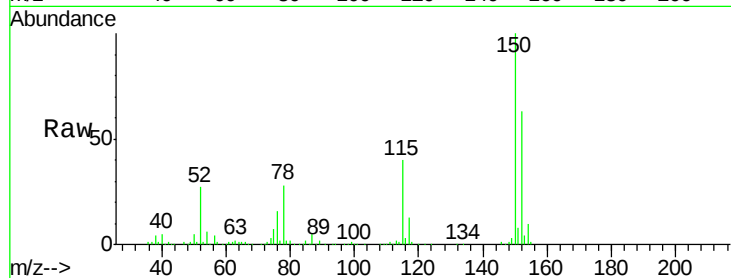
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	63.5	50.1	75.1

Manual Integrations
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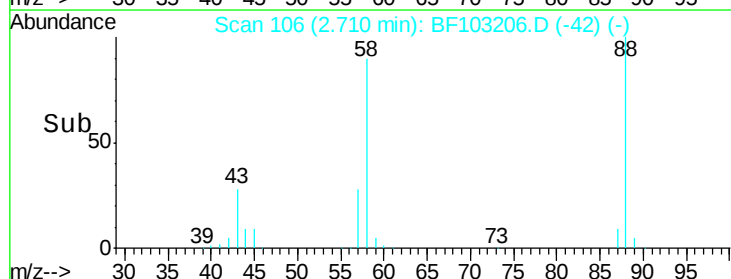
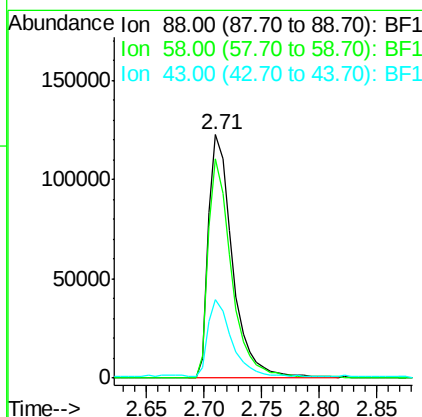
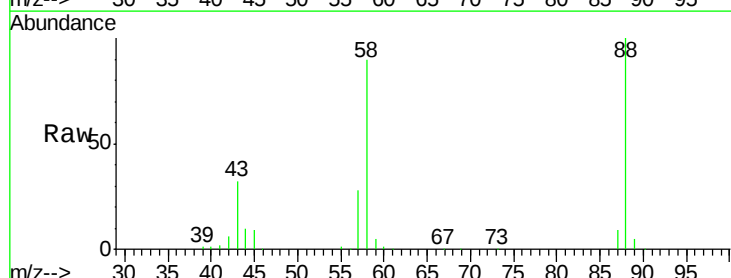
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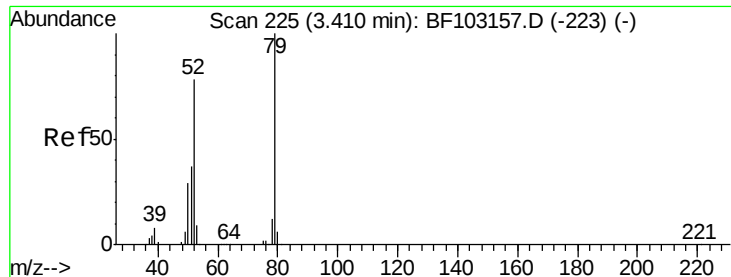


#2

1,4-Dioxane
Concen: 30.519 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.08 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	62.6	93.8
43	31.2	24.6	37.0





#3

Pvridine

Concen: 29.689 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

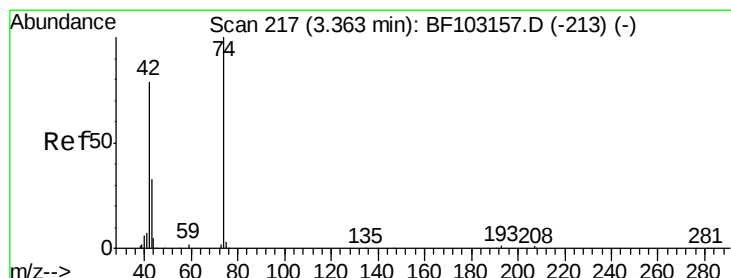
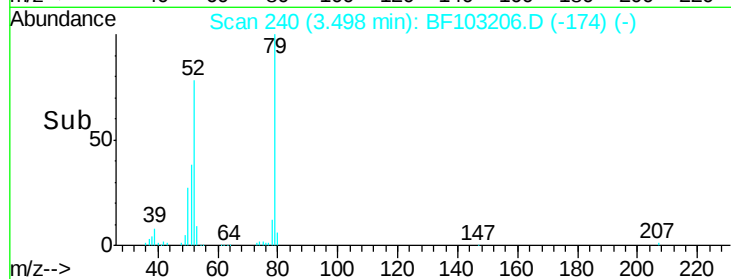
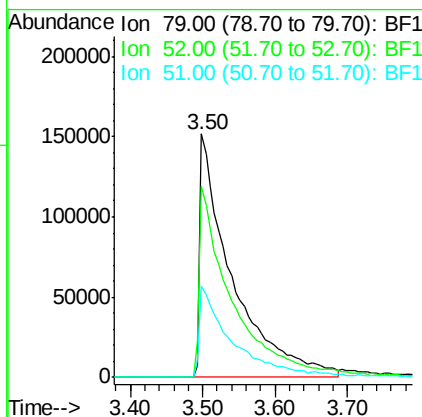
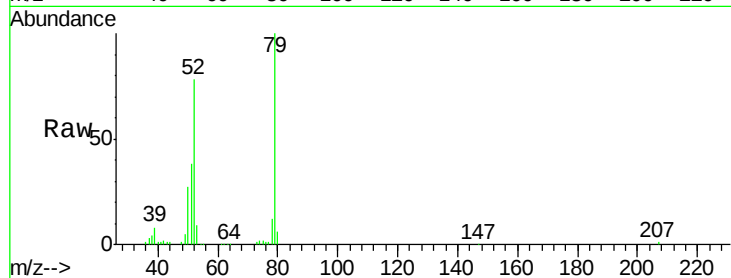
ClientSampleId :

PB106745BS

Tot Ion:	79	Resp:	463389
Ion Ratio	Lower	Upper	
79	100		
52	78.3	59.8	89.6
51	37.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.864 ng

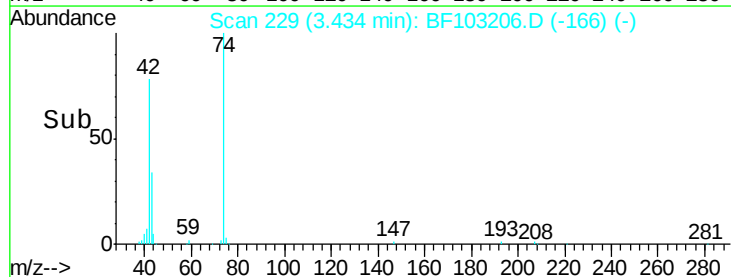
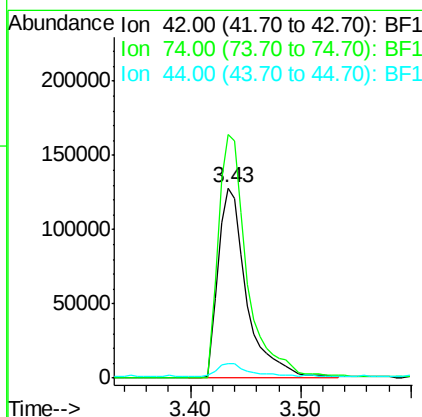
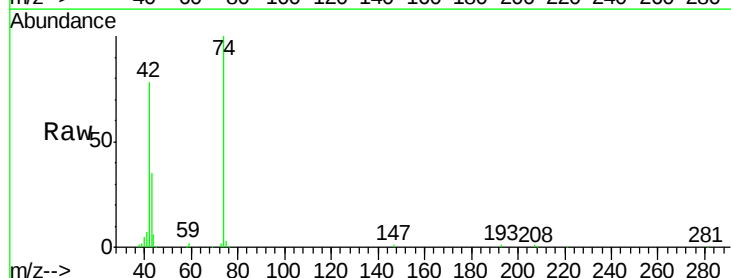
RT: 3.43 min Scan# 229

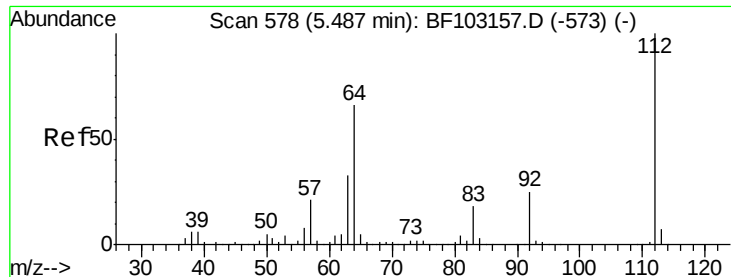
Delta R.T. 0.07 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	42	Resp:	232052
Ion Ratio	Lower	Upper	
42	100		
74	128.2	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 94.298 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

PB106745BS

Tot Ion: 112 Resp: 1043812

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

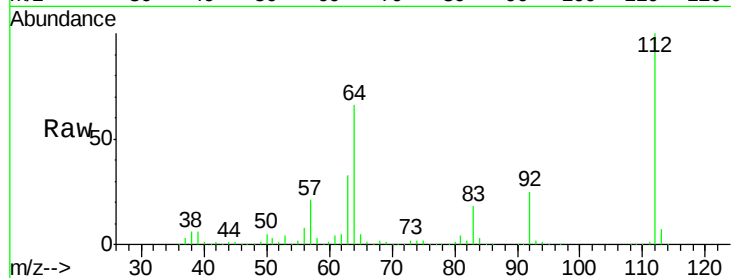
63 33.3 23.7 35.5

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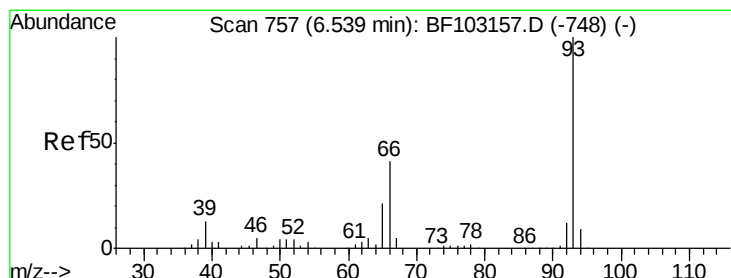
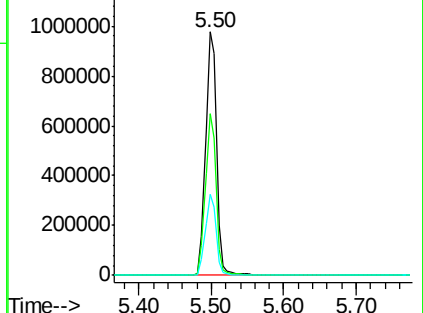
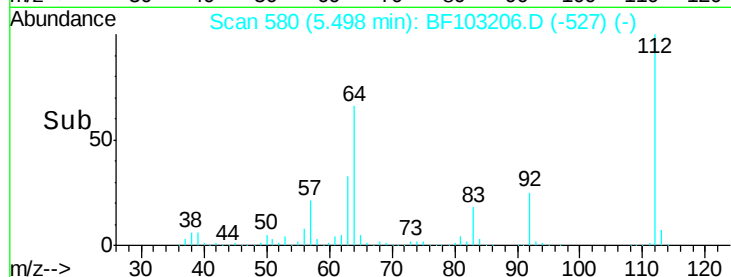
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.106 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

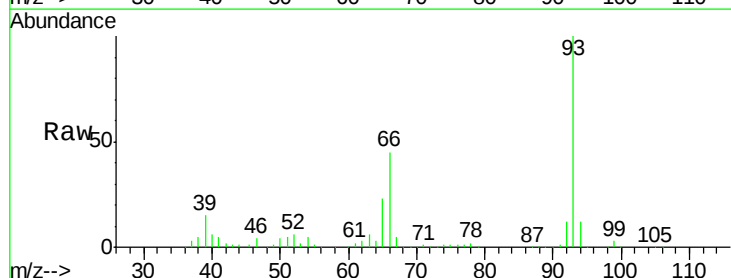
Tgt Ion: 93 Resp: 353948

Ion Ratio Lower Upper

93 100

66 45.0 32.2 48.2

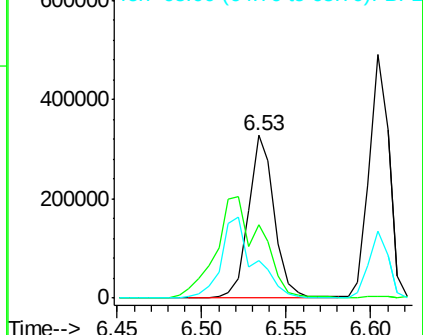
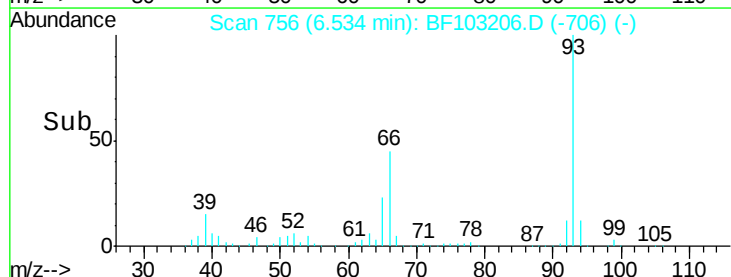
65 23.3 16.4 24.6

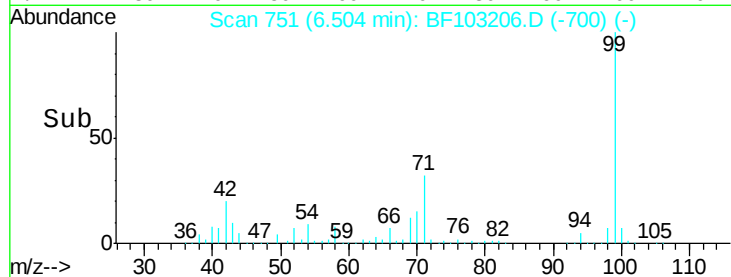
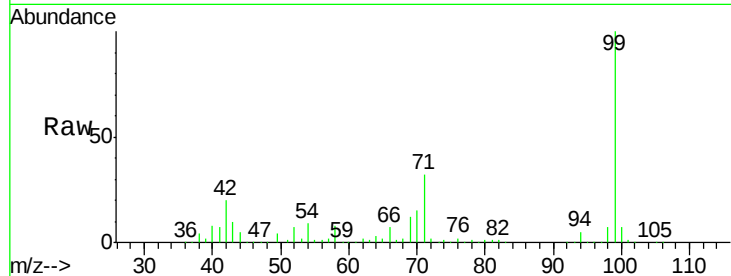
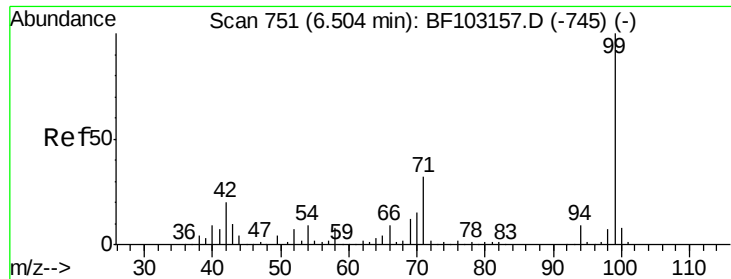


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.663 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tot Ion: 99 Resp: 1241569

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.0 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

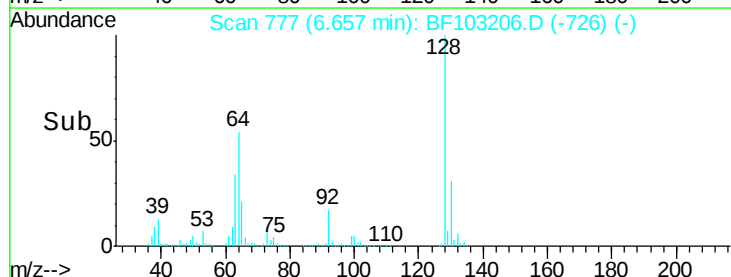
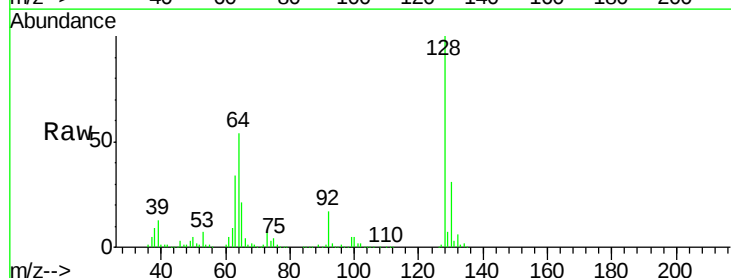
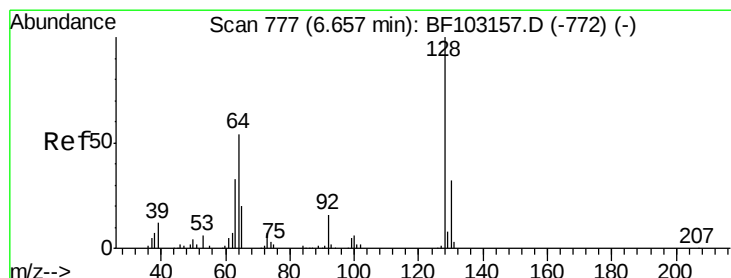
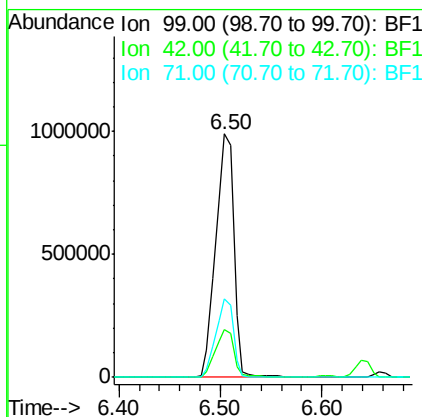
PB106745BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.523 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

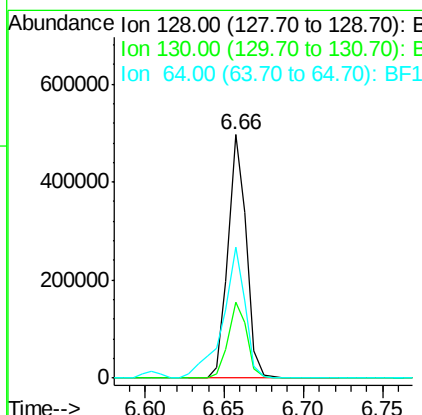
Tgt Ion:128 Resp: 396982

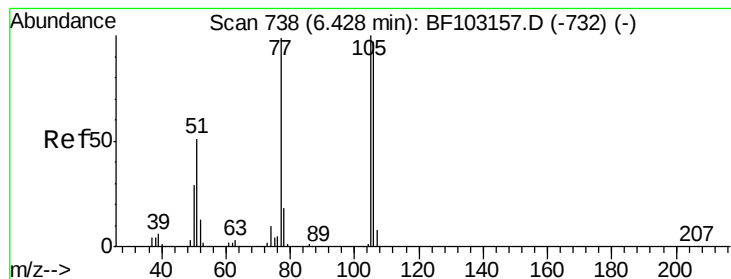
Ion Ratio Lower Upper

128 100

130 31.2 13.0 53.0

64 53.7 29.4 69.4





#9

Benzaldehyde

Concen: 26.059 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

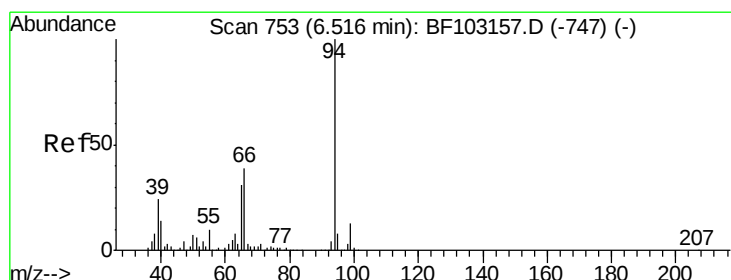
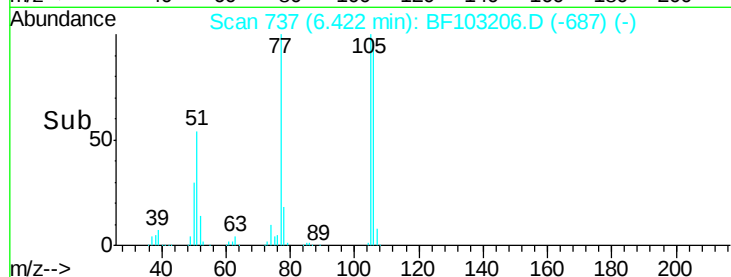
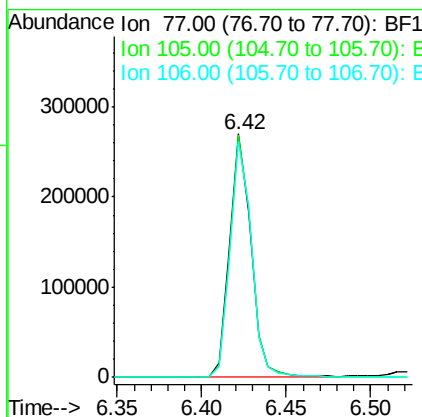
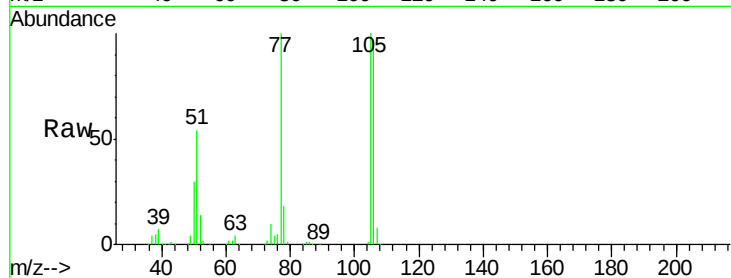
ClientSampleId :

PB106745BS

Tot Ion:	77	Resp:	237179
Ion	Ratio	Lower	Upper
77	100		
105	99.6	81.1	121.1
106	97.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.362 ng

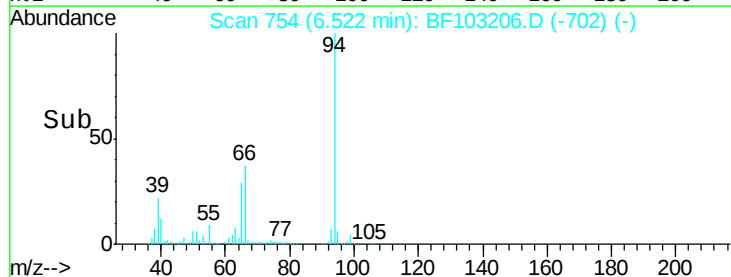
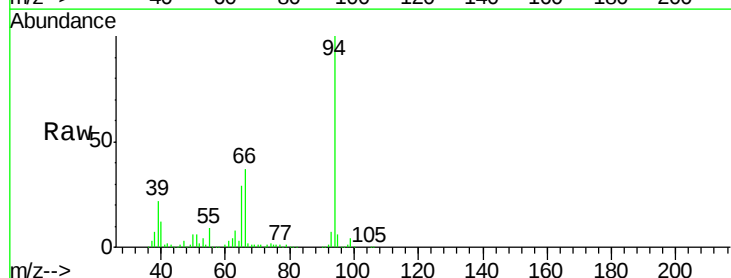
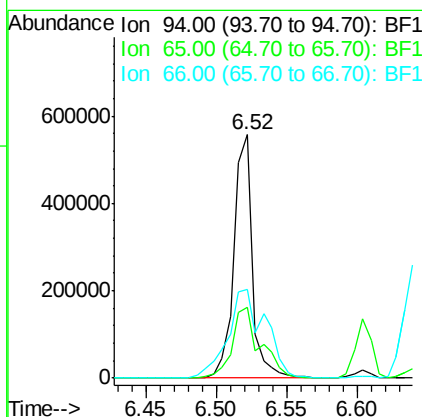
RT: 6.52 min Scan# 754

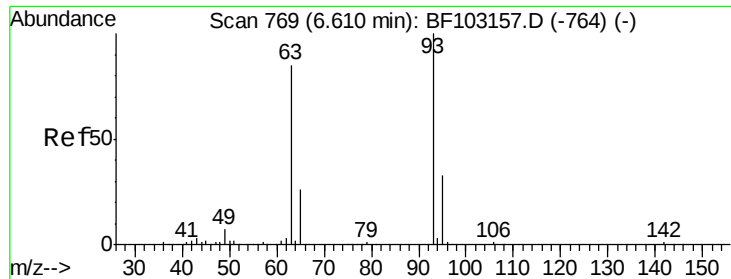
Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	94	Resp:	508860
Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	36.7	16.2	56.2





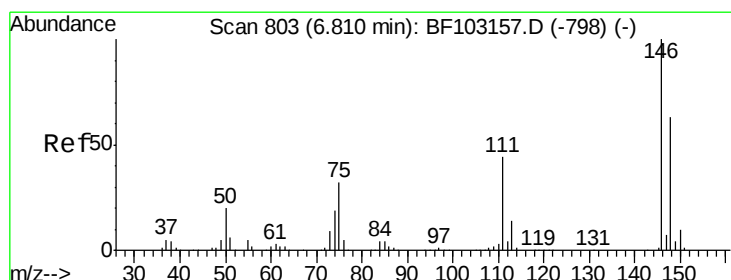
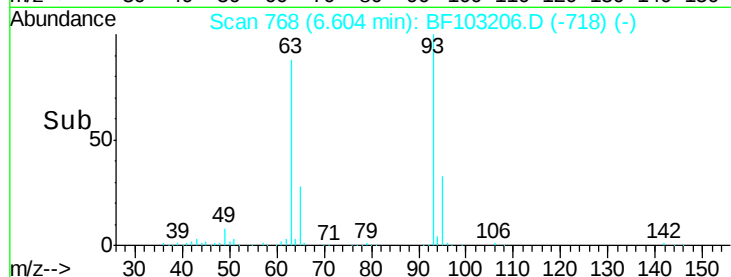
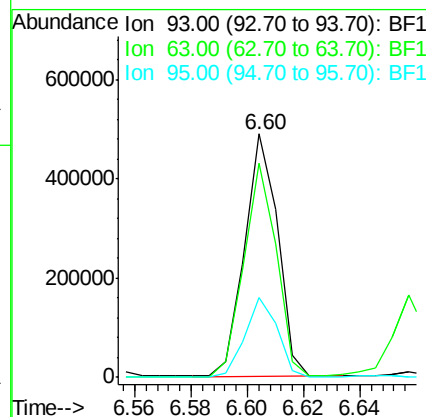
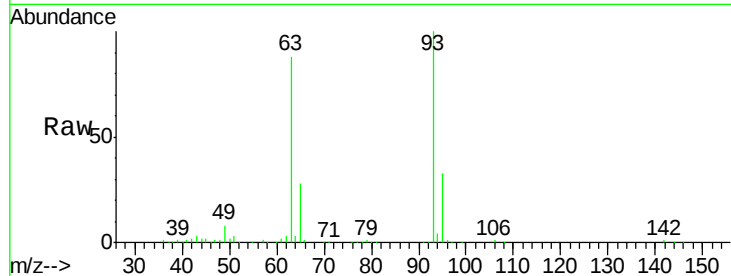
#11
bis(2-Chloroethyl)ether
Concen: 33.395 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.8	58.6	98.6
95	32.6	11.8	51.8

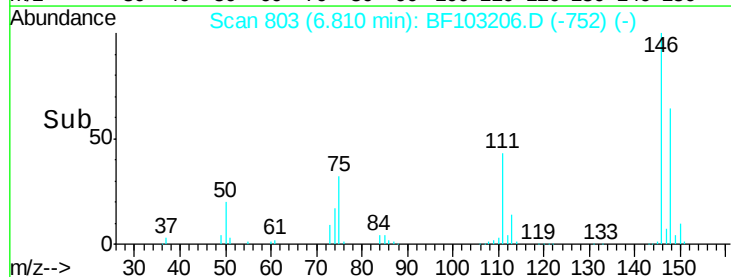
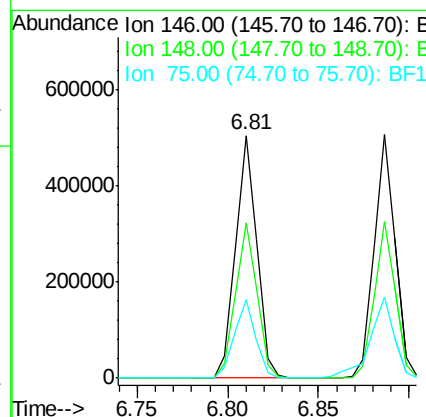
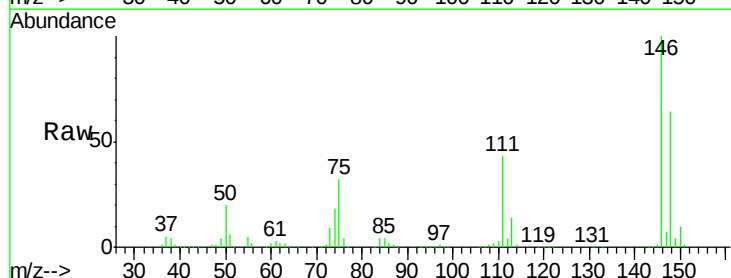
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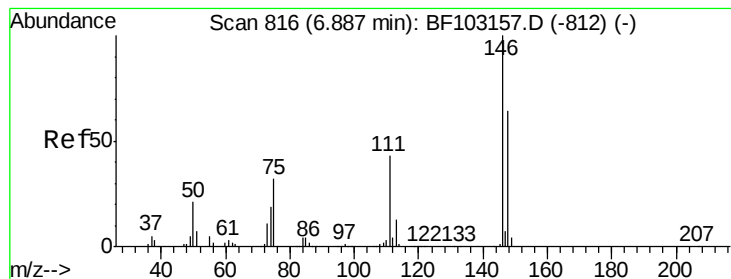
Sohil
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#12
1,3-Dichlorobenzene
Concen: 31.668 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	32.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.461 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

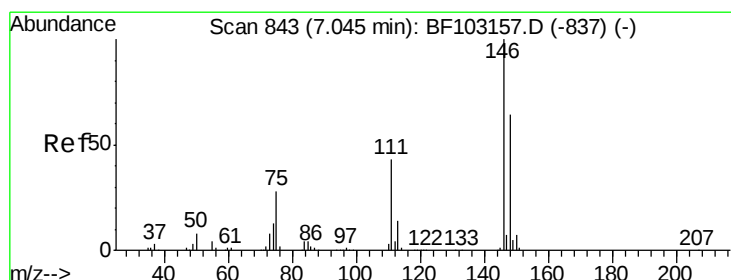
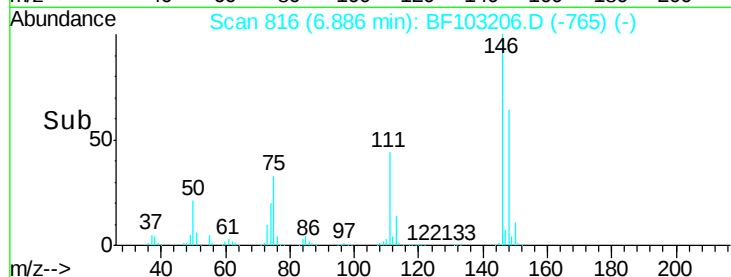
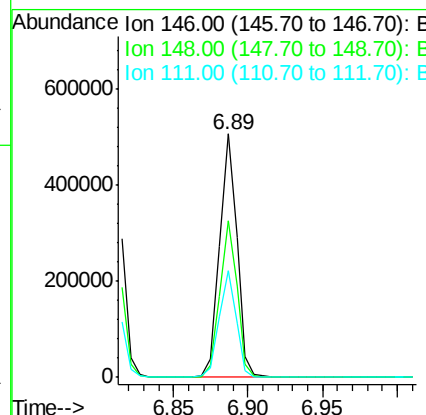
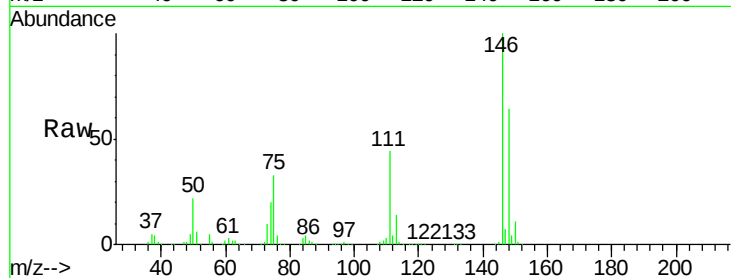
ClientSampleId :

PB106745BS

Tot Ion:	146	Resp:	414495
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	44.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 32.110 ng

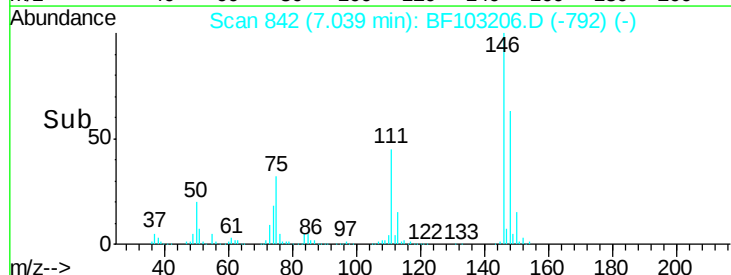
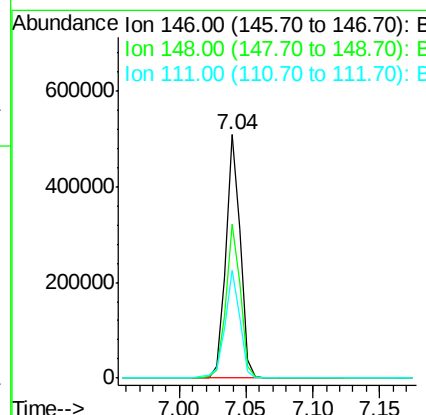
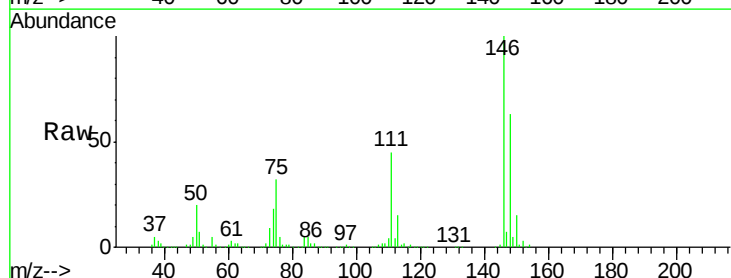
RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	146	Resp:	390081
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 33.397 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

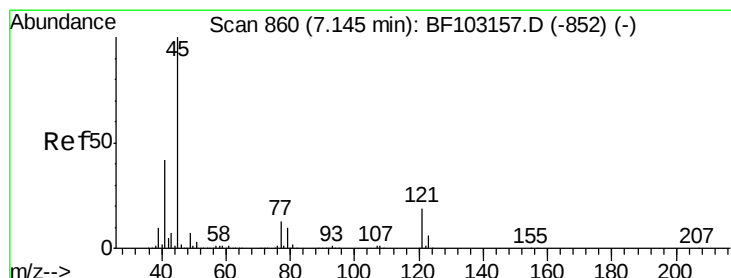
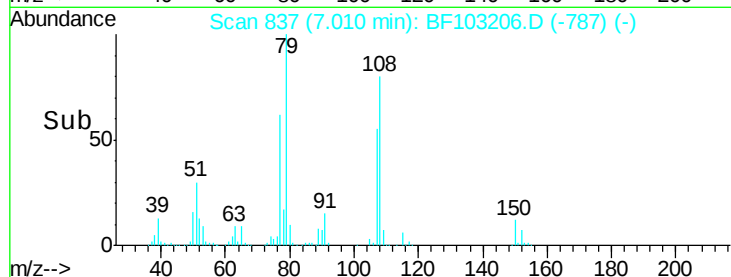
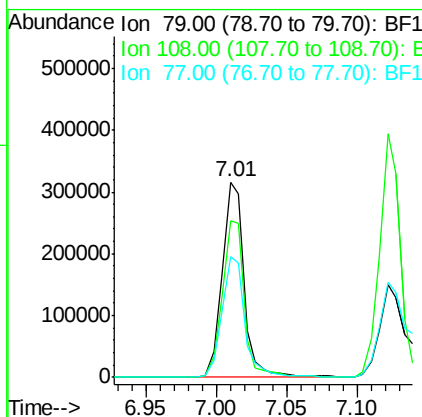
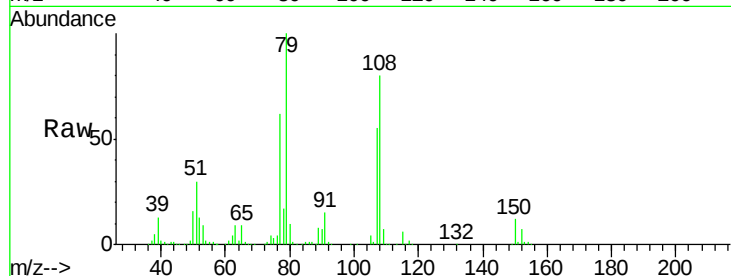
ClientSampled :

PB106745BS

Tot Ion:	79	Resp:	340875
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.1	97.7
77	61.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.801 ng

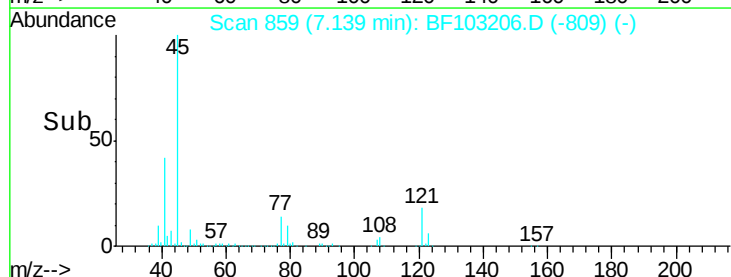
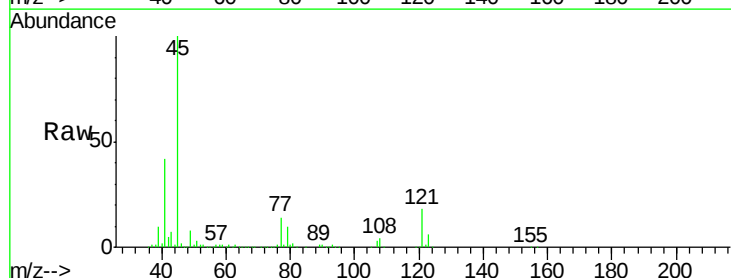
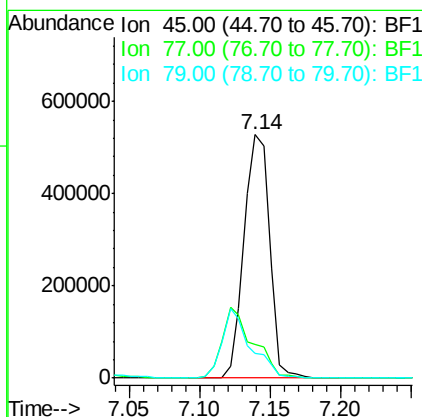
RT: 7.14 min Scan# 859

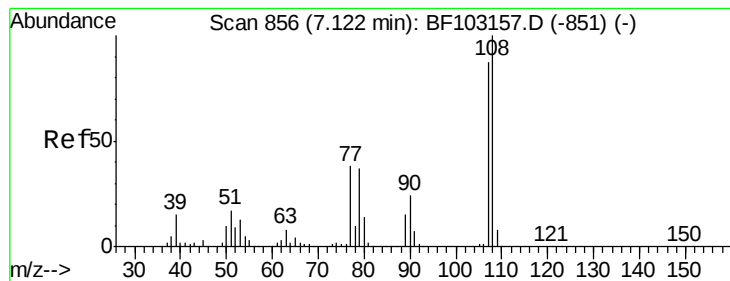
Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	45	Resp:	672212
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	32.9
79	10.3	0.0	29.6





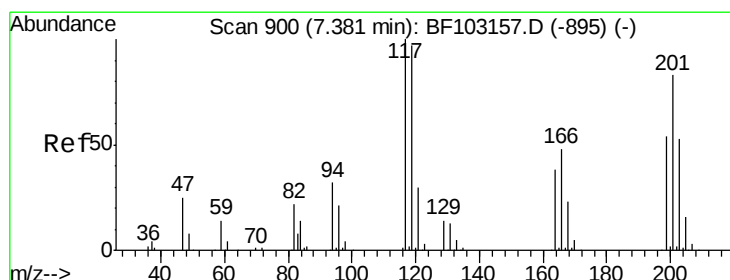
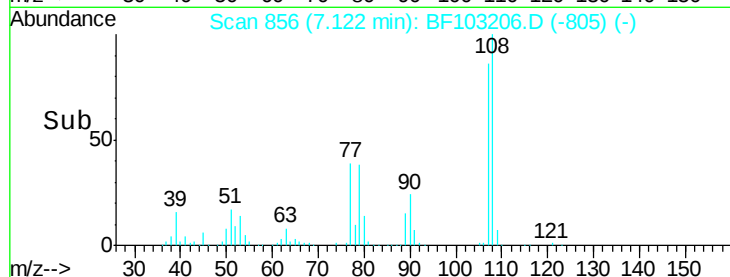
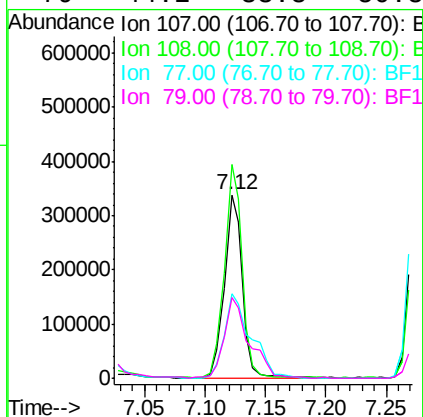
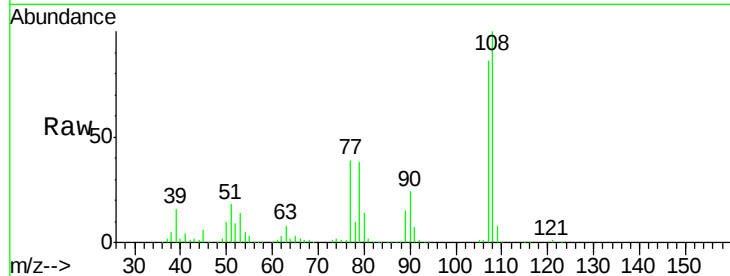
#17
2-Methylphenol
Concen: 32.871 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.5	91.7	137.5	
77	45.8	33.8	50.8	
79	44.2	33.8	50.8	

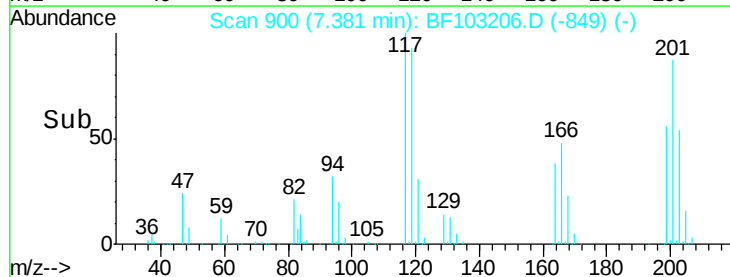
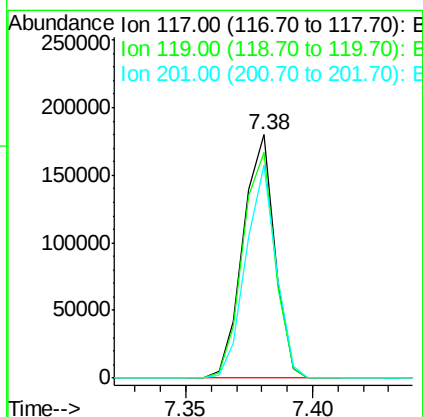
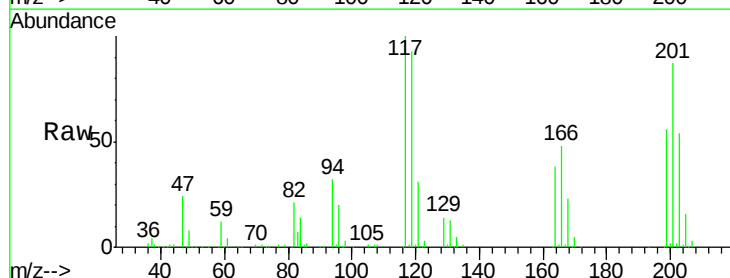
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#18
Hexachloroethane
Concen: 32.695 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	75.8	113.8	
201	87.3	75.7	113.5	





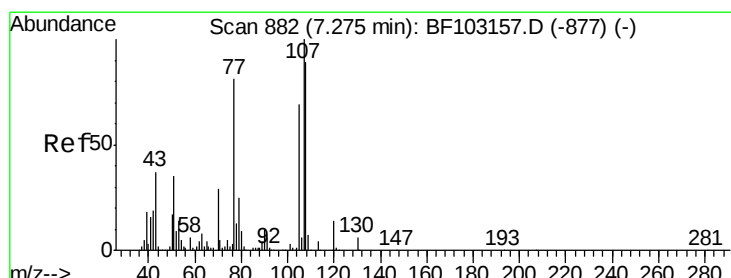
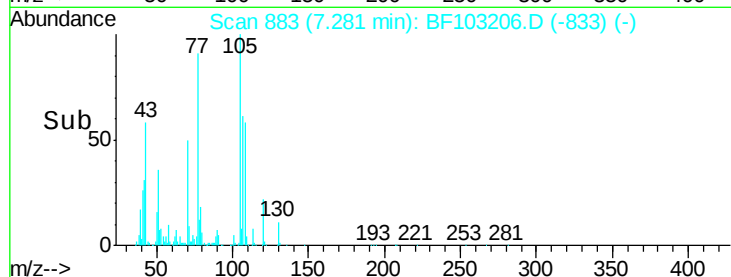
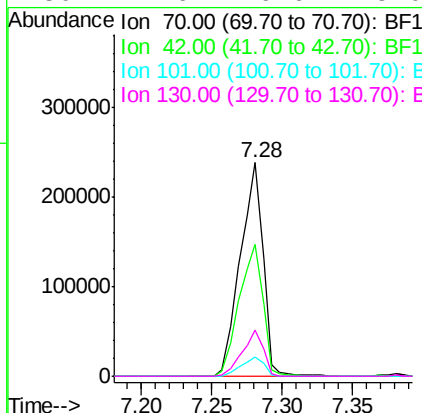
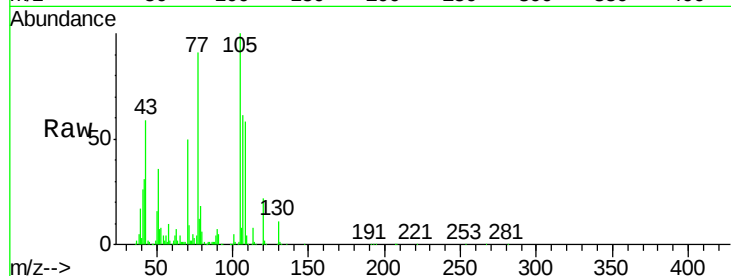
#19
n-Nitroso-di-n-propylamine
Concen: 31.794 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.5	71.3
101	9.3	7.4	11.2
130	21.6	16.6	25.0

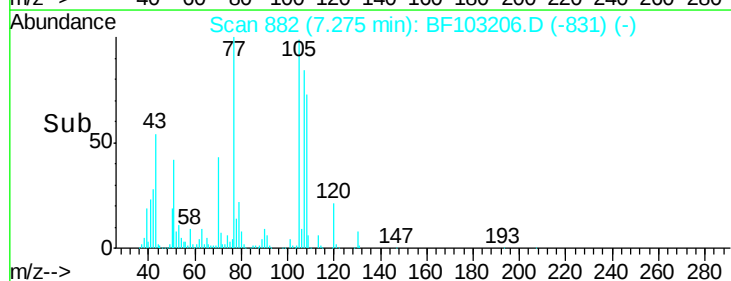
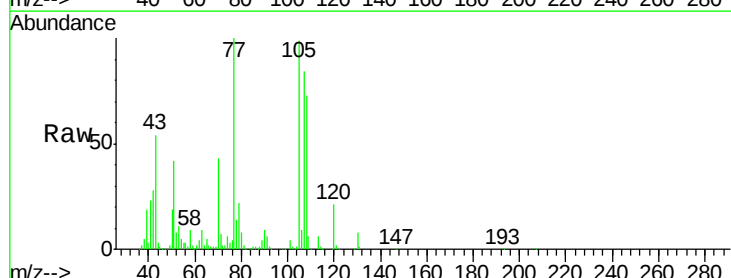
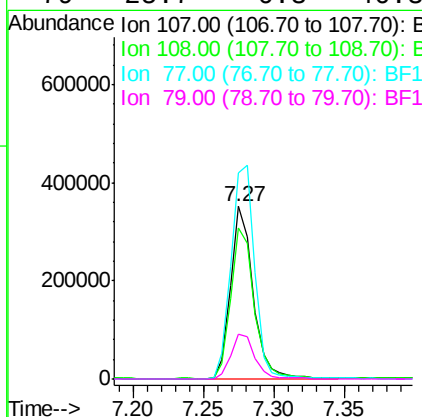
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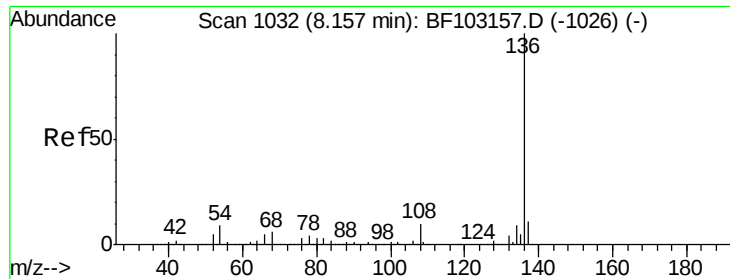
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#20
3+4-Methylphenols
Concen: 30.680 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	119.2	26.7	66.7#
79	25.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

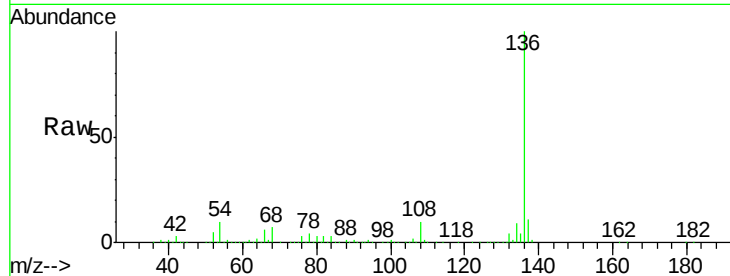
ClientSampled :

PB106745BS

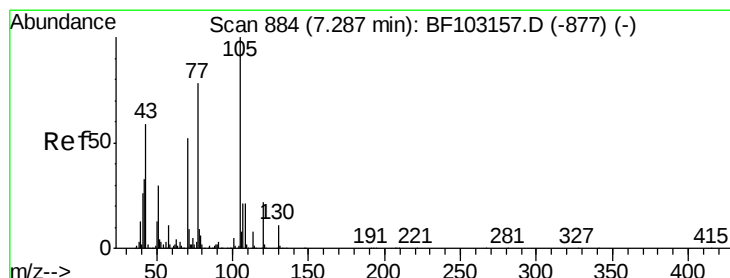
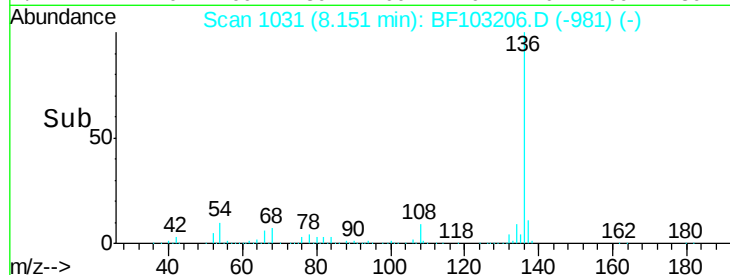
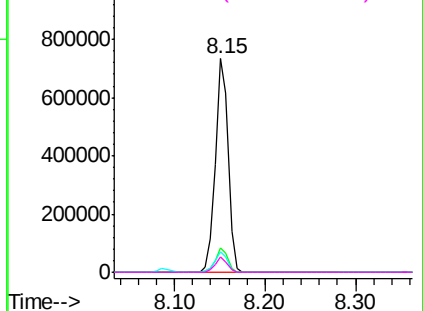
Tot Ion	Ratio	Resp	Lower	Upper
136	100	710941		
137	11.3	8.9	13.3	
54	9.7	6.6	9.8	
68	7.3	5.0	7.4	

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 31.548 ng

RT: 7.28 min Scan# 883

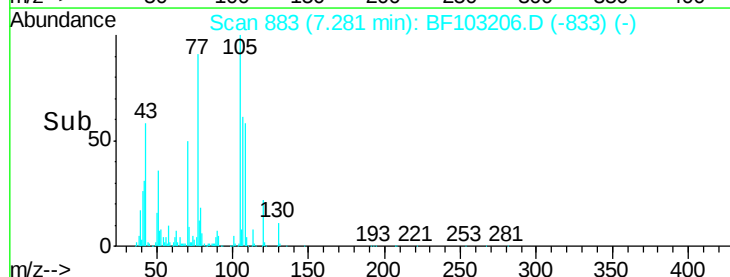
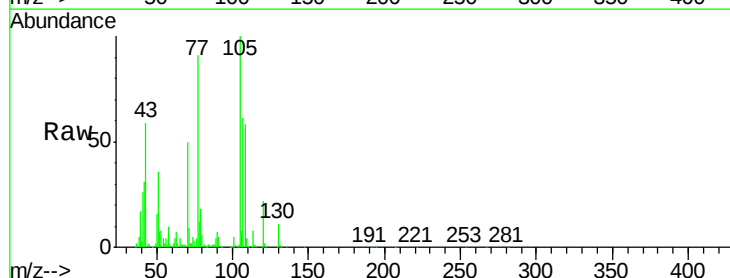
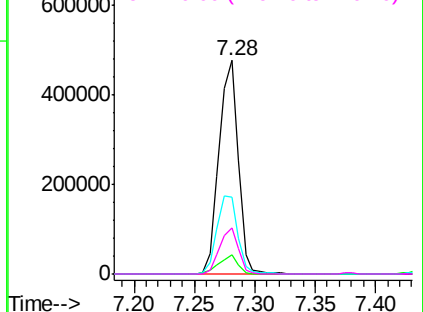
Delta R.T. -0.01 min

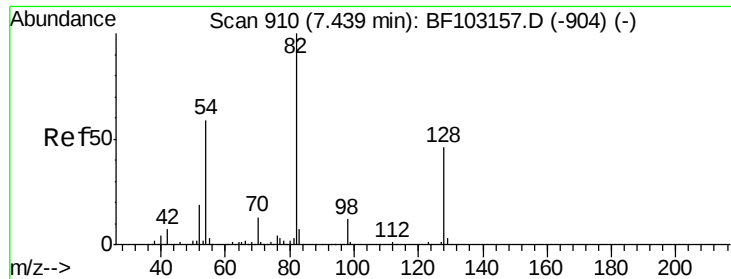
Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	523529		
71	8.7	4.4	6.6#	
51	36.0	22.3	33.5#	
120	21.5	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E





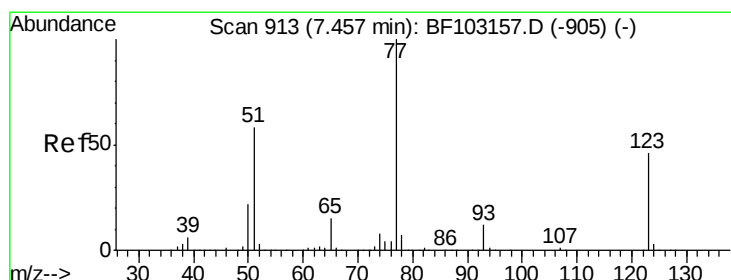
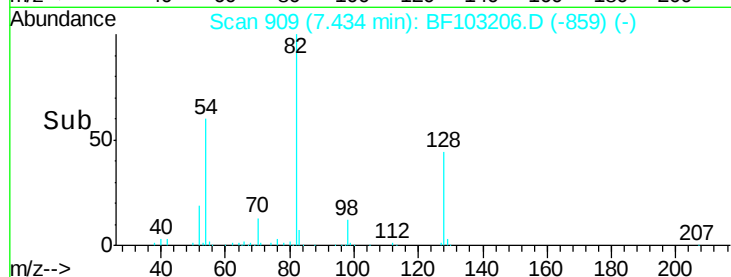
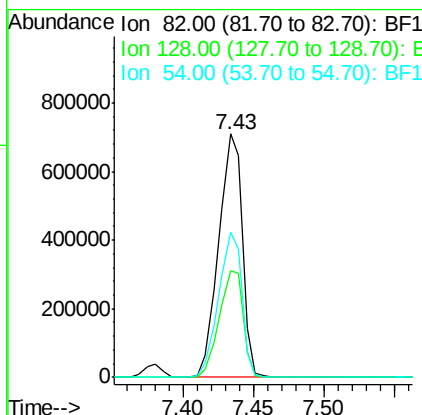
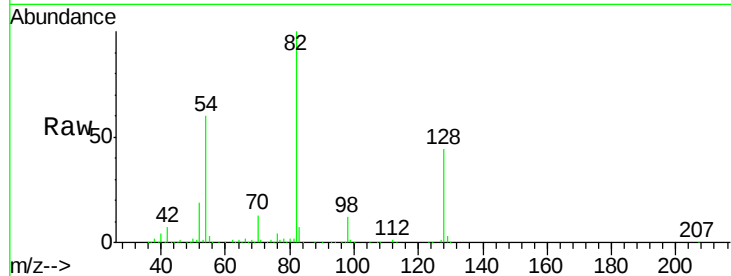
#23
Nitrobenzene-d5
Concen: 66.601 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	829118		
128	44.0	36.1	54.1	
54	59.8	41.4	62.2	

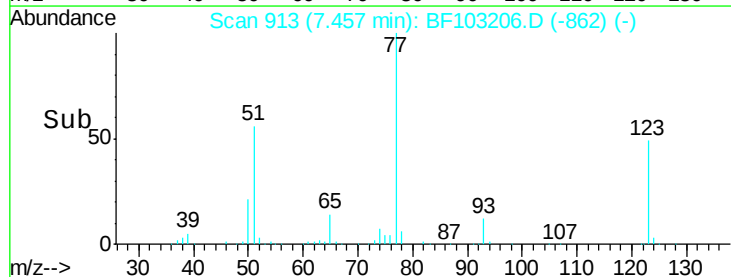
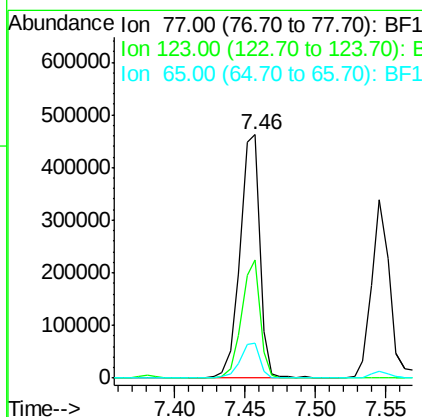
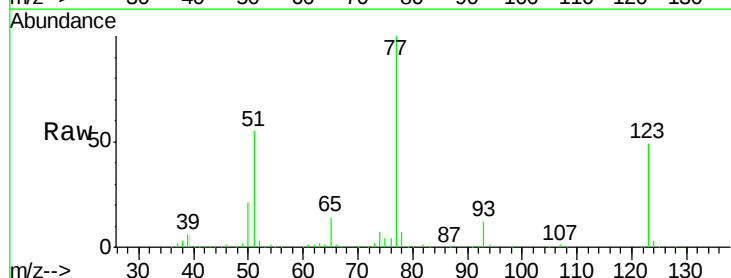
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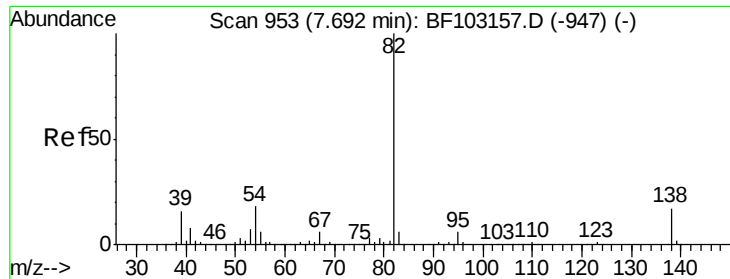
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#24
Nitrobenzene
Concen: 32.713 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	448369		
123	48.7	37.9	56.9	
65	14.3	11.0	16.4	





#25

Isophorone

Concen: 33.471 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

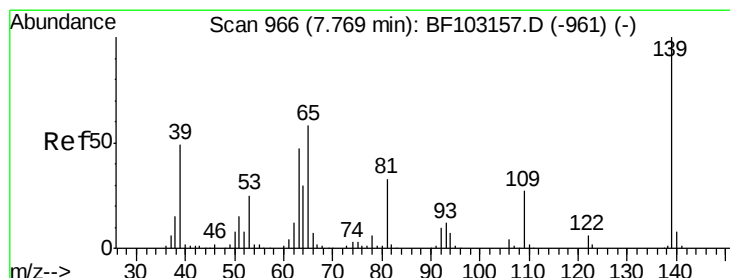
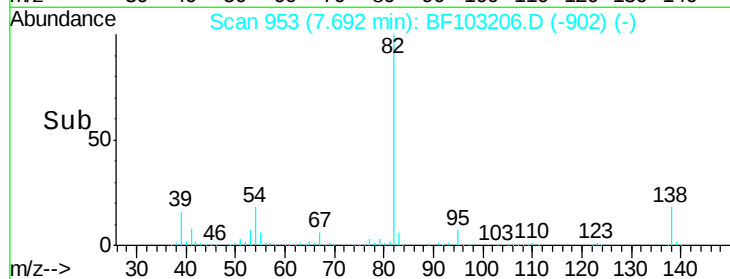
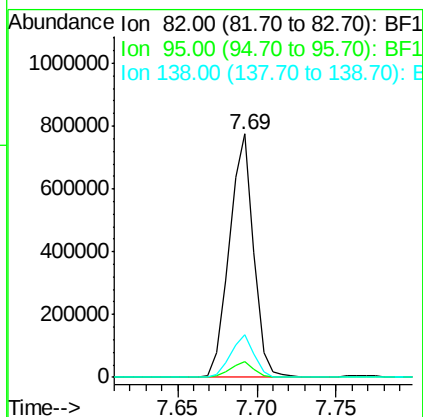
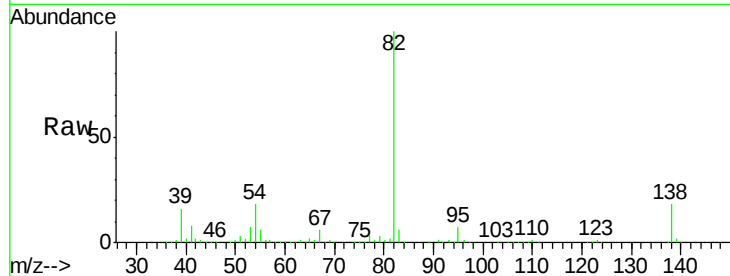
ClientSampleId :

PB106745BS

Tot Ion:	82	Resp:	820654
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 34.131 ng

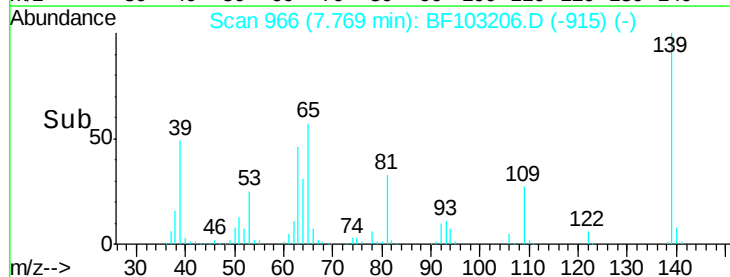
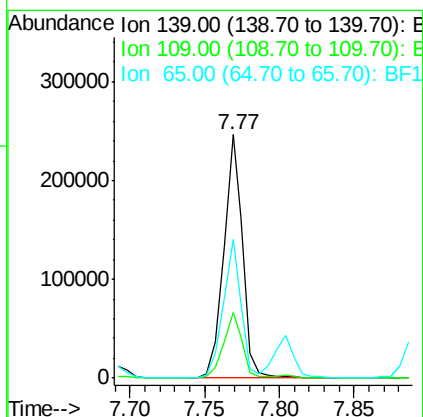
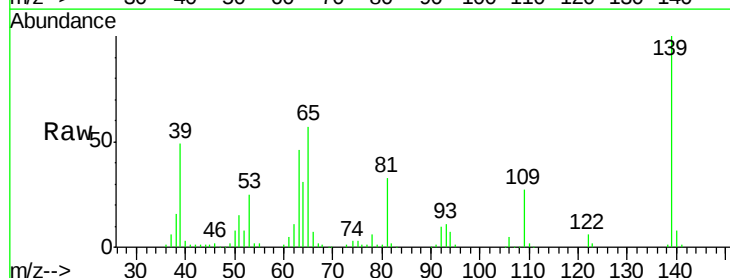
RT: 7.77 min Scan# 966

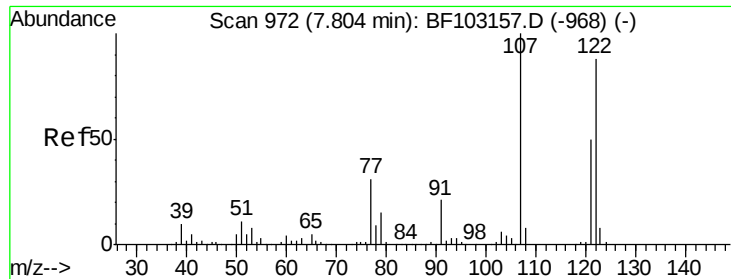
Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	139	Resp:	220229
Ion Ratio		Lower	Upper
139	100		
109	26.9	22.7	34.1
65	56.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 36.635 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

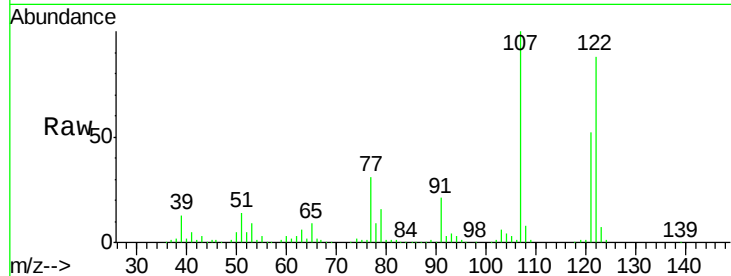
ClientSampleId :

PB106745BS

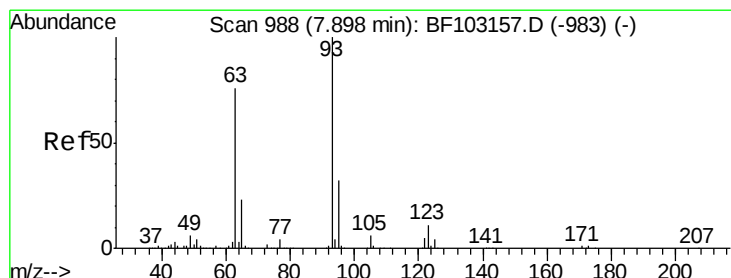
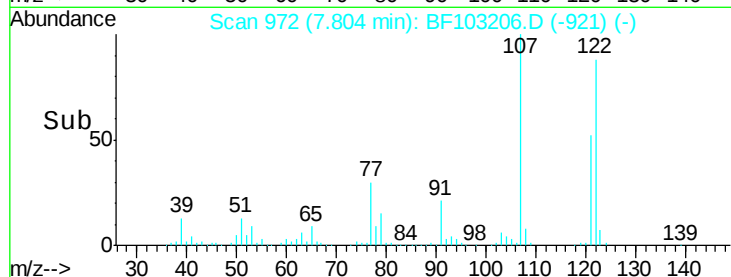
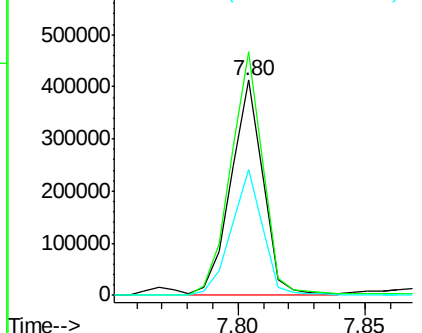
Tot Ion:	122	Resp:	361321
Ion Ratio	Lower	Upper	
122	100		
107	113.2	91.2	136.8
121	58.5	47.2	70.8

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2/27/2018 12:22:19 PM



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: 35.336 ng

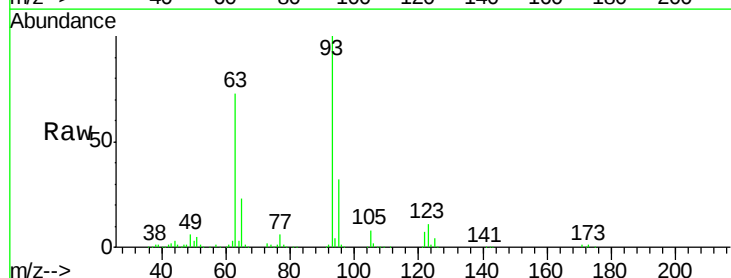
RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

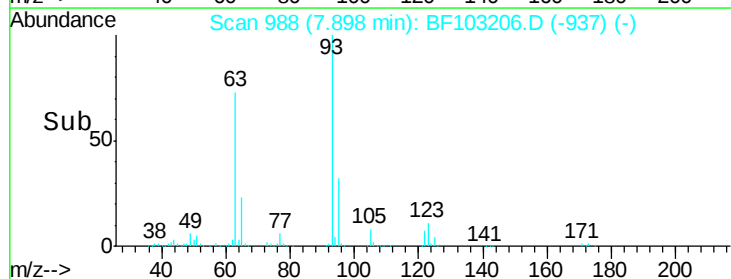
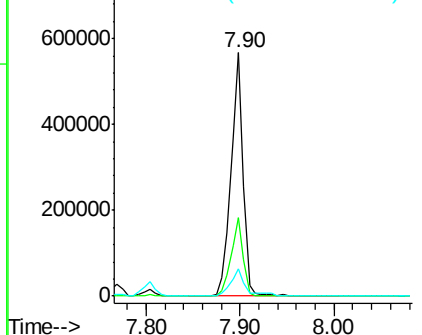
Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	93	Resp:	509382
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.2	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





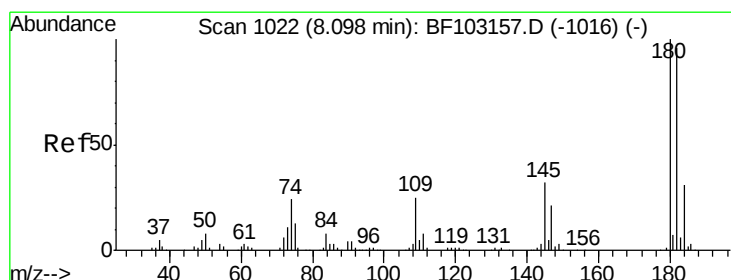
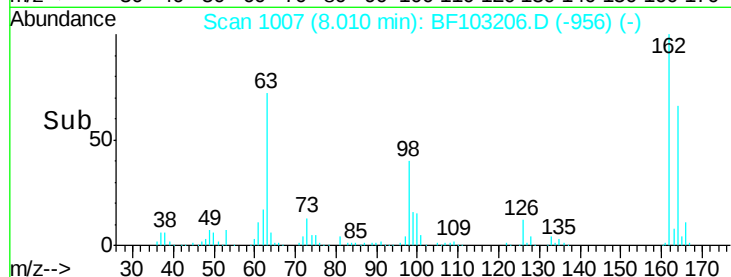
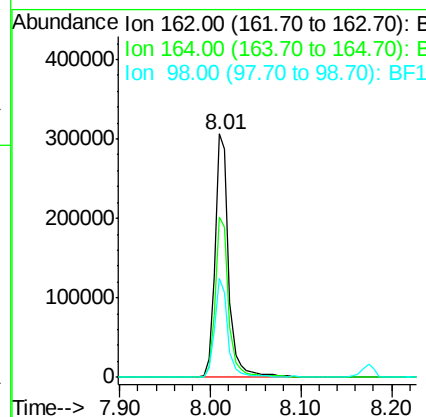
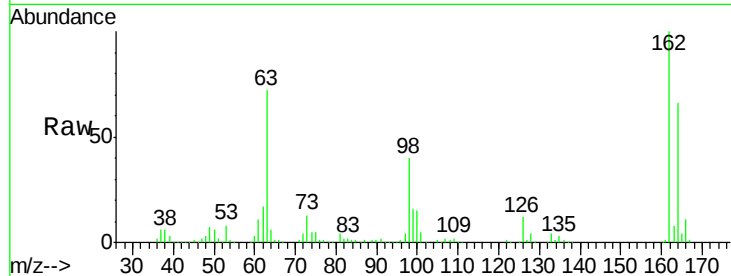
#29
2,4-Dichlorophenol
Concen: 34.623 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	326930		
164	65.6	42.7	82.7	
98	40.5	18.1	58.1	

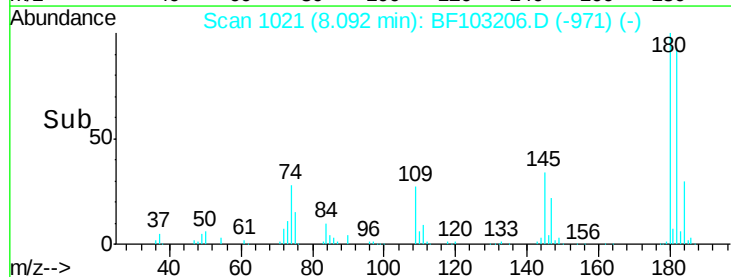
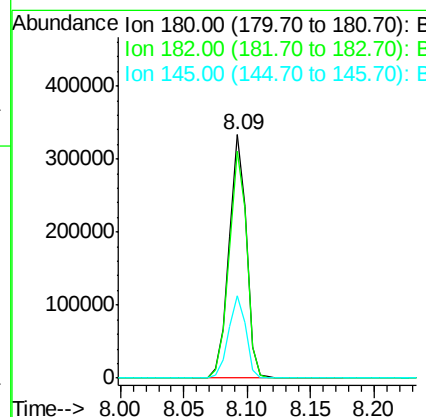
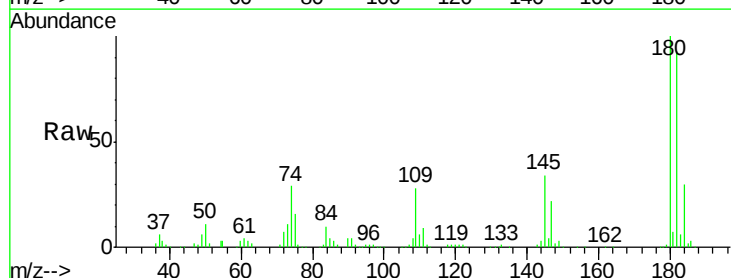
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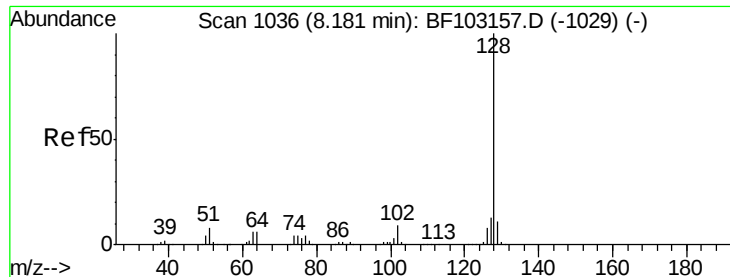
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#30
1,2,4-Trichlorobenzene
Concen: 31.410 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	315846		
182	93.2	76.8	115.2	
145	33.7	26.5	39.7	





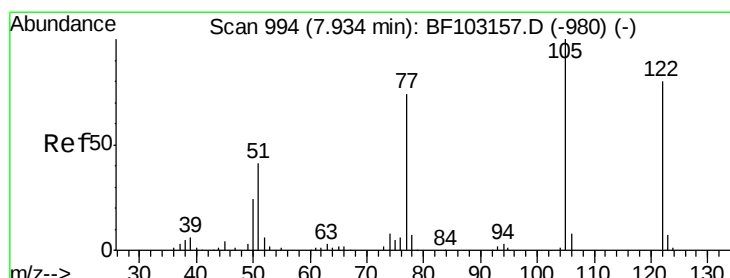
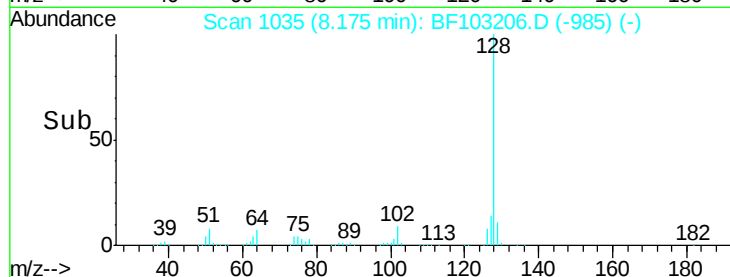
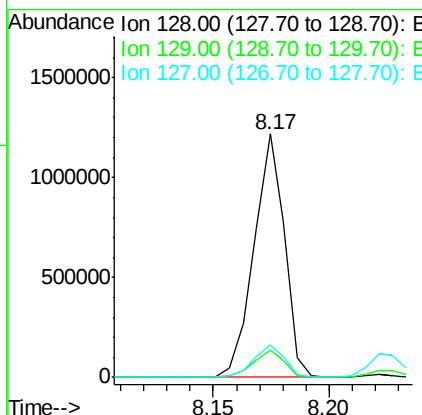
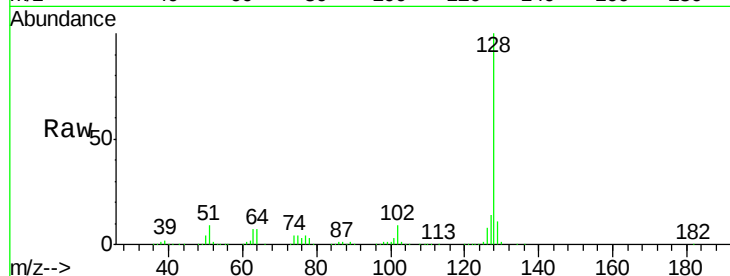
#31
Naphthalene
Concen: 32.257 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:128 Resp: 1122749
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

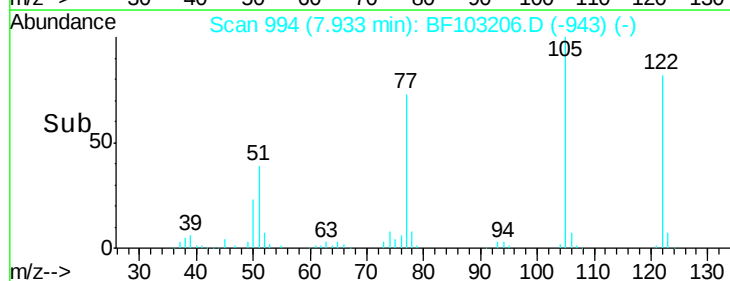
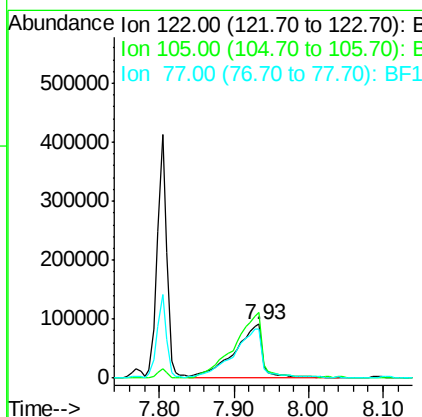
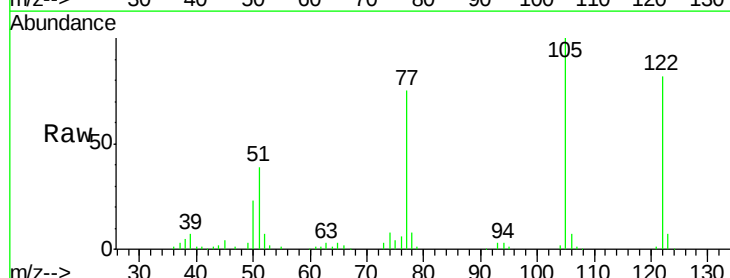
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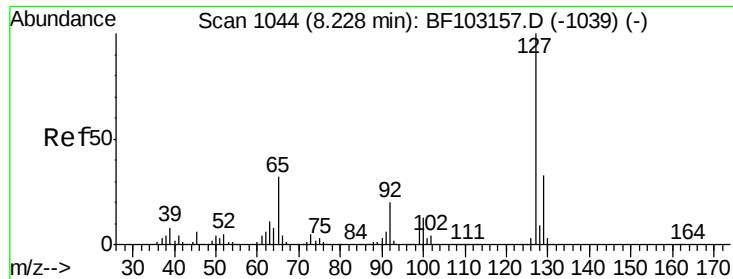
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#32
Benzoic acid
Concen: 35.252 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:122 Resp: 242245
Ion Ratio Lower Upper
122 100
105 122.2 101.1 141.1
77 91.5 70.7 110.7





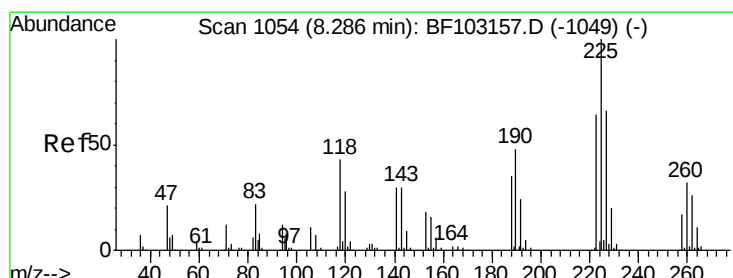
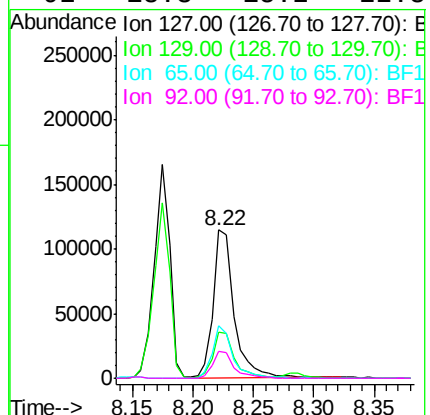
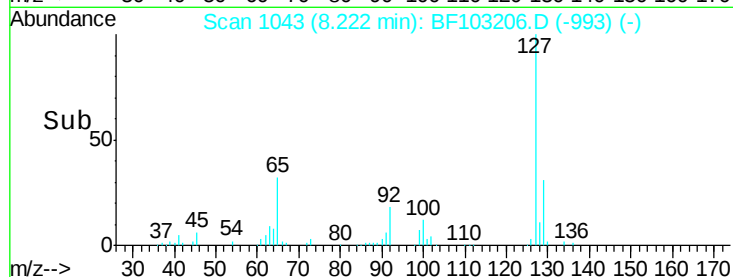
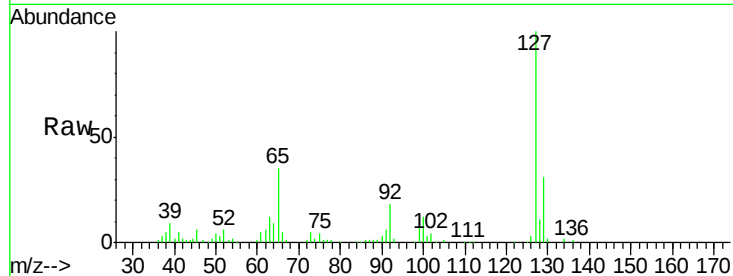
#33
4-Chloroaniline
Concen: 9.162 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	35.4	25.0	37.4		
92	18.3	15.2	22.8		

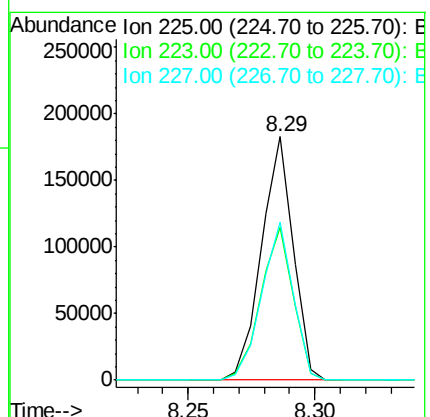
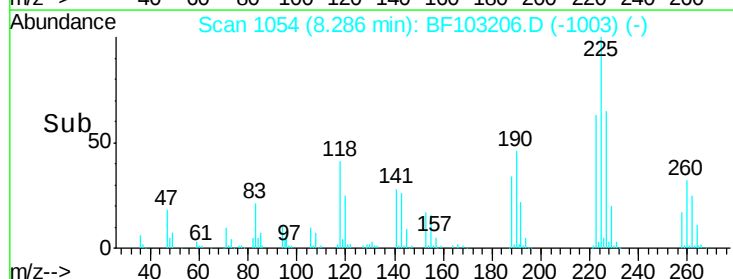
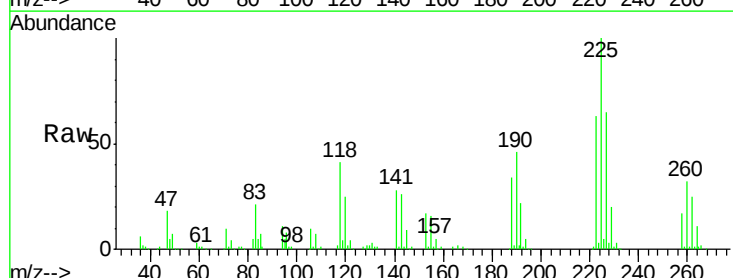
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#34
Hexachlorobutadiene
Concen: 30.408 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.6	76.0		
227	65.0	51.9	77.9		





#35

Caprolactam

Concen: 35.943 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleID :

PB106745BS

Tot Ion: 113 Resp: 119283

Ion Ratio Lower Upper

113 100

55 203.3 163.3 203.3#

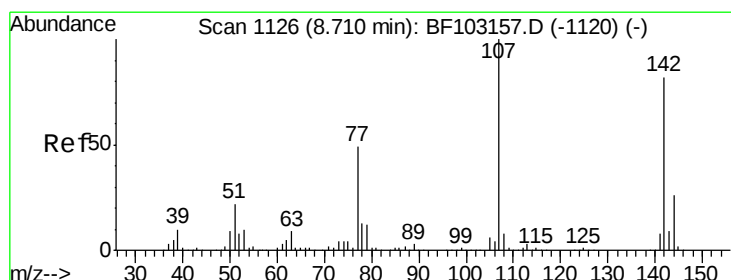
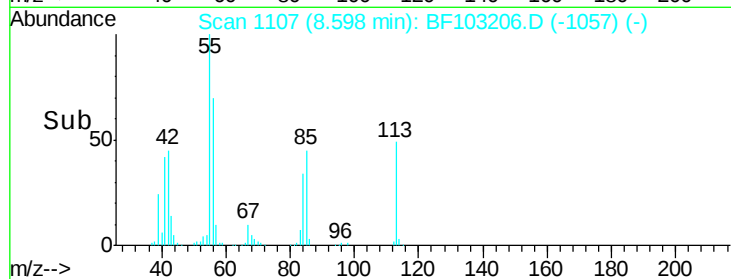
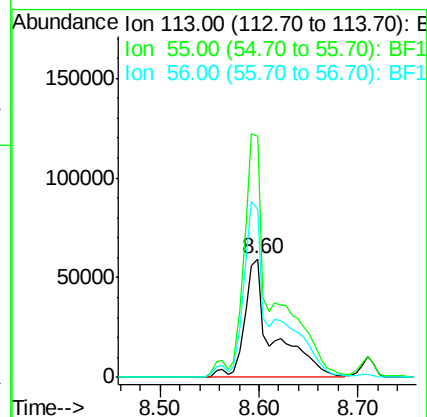
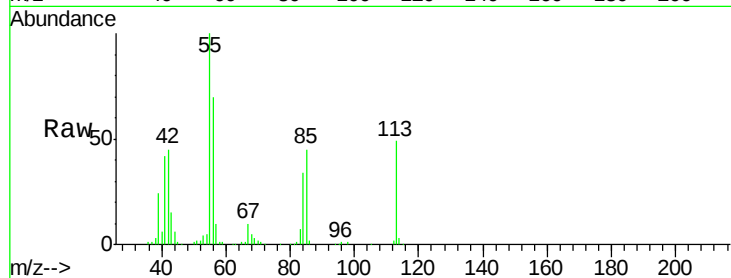
56 142.2 115.7 155.7

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2/27/2018 12:22:19 PM



#36

4-Chloro-3-methylphenol

Concen: 34.686 ng/mL

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

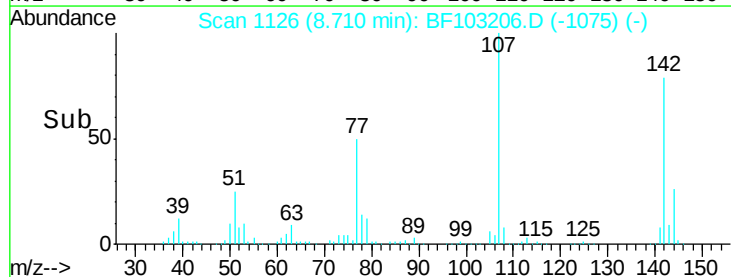
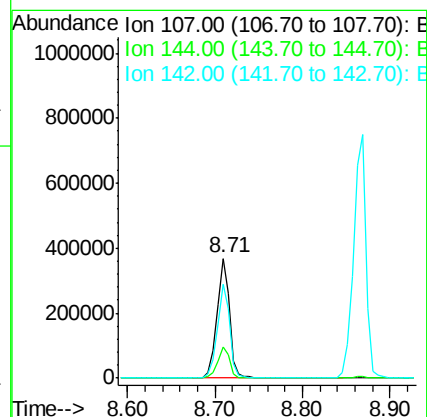
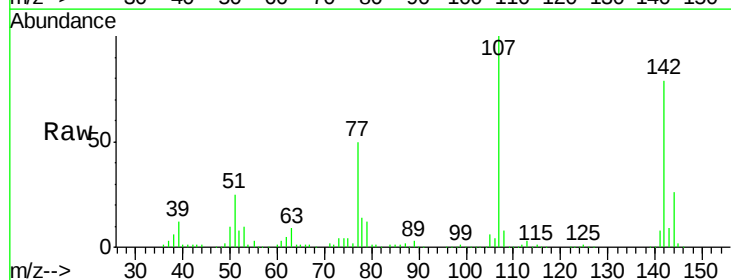
Tgt Ion: 107 Resp: 369424

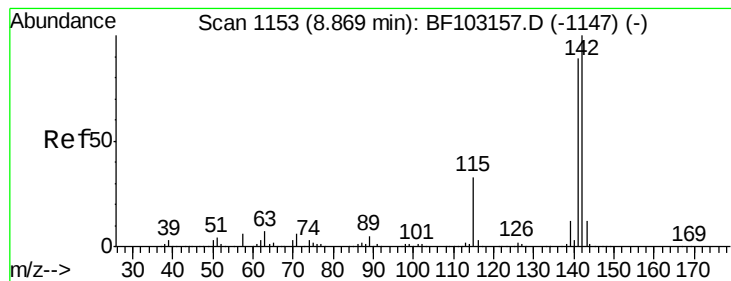
Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

142 78.8 62.0 93.0





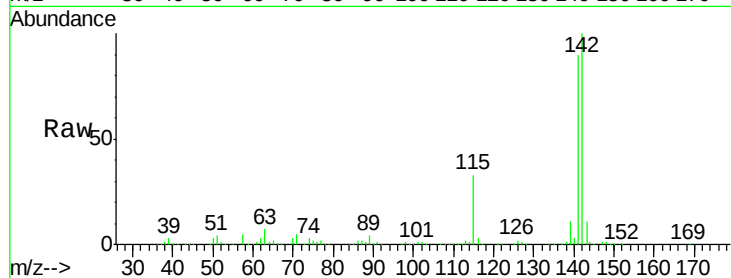
#37
2-Methylnaphthalene
Concen: 32.883 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

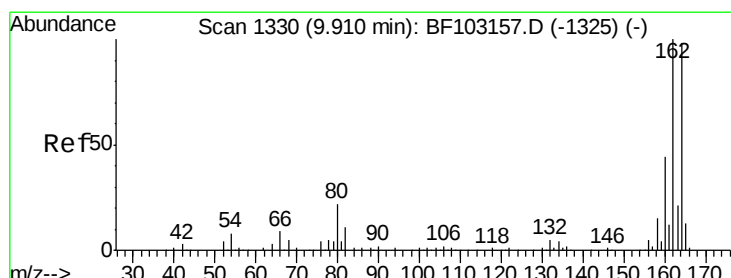
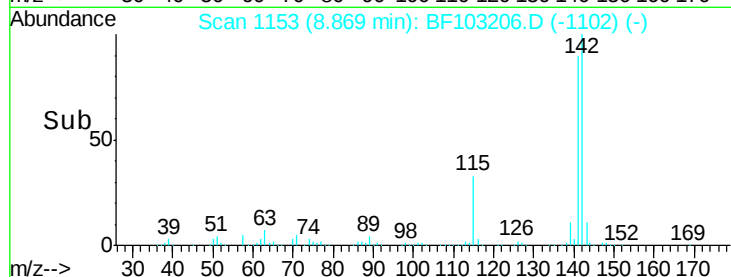
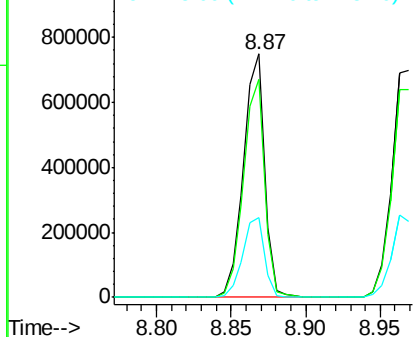
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	32.6	26.1	39.1

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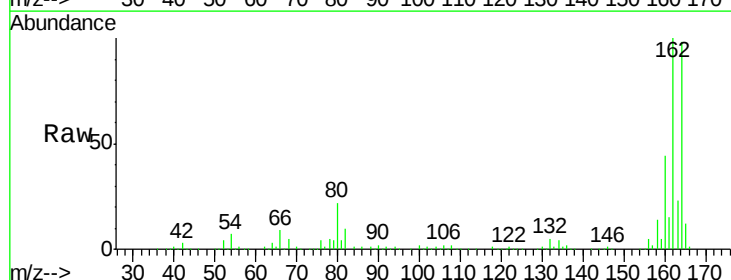


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

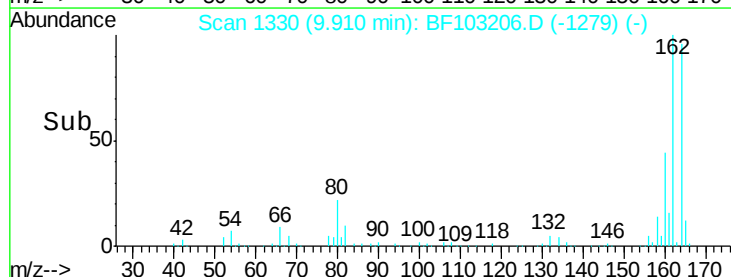
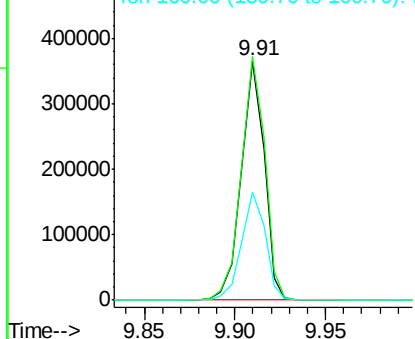


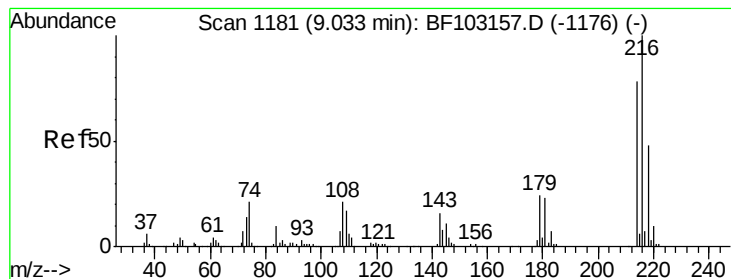
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	45.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.737 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

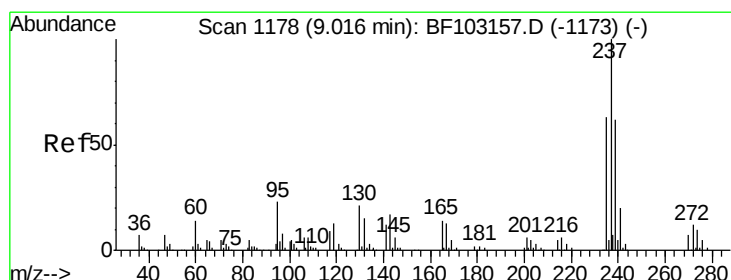
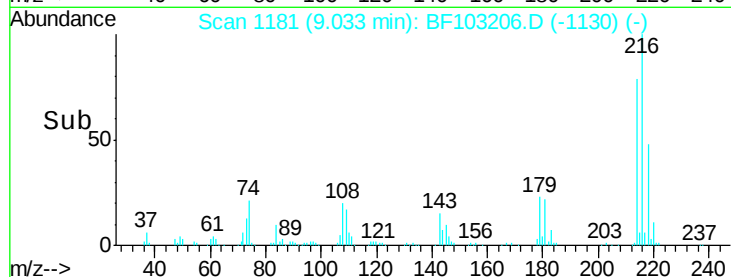
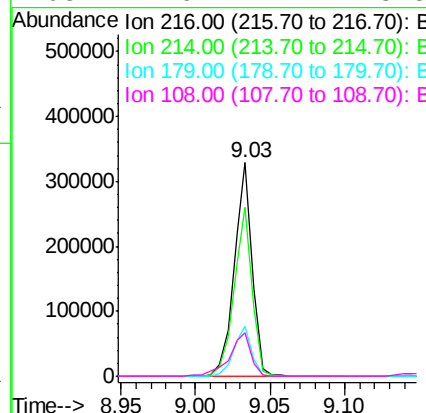
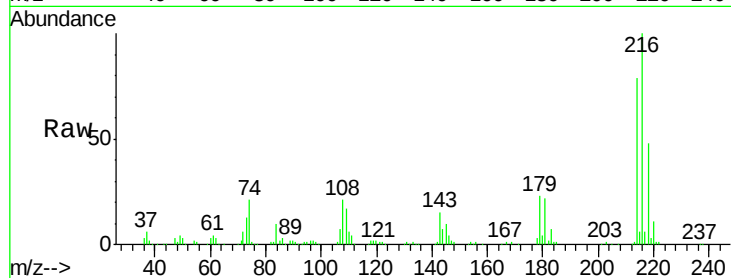
ClientSampleId :

PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	279690		
214	79.6	63.0	94.4	
179	23.1	18.1	27.1	
108	24.6	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 64.618 ng

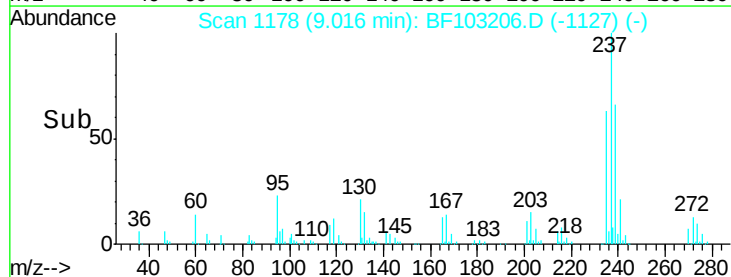
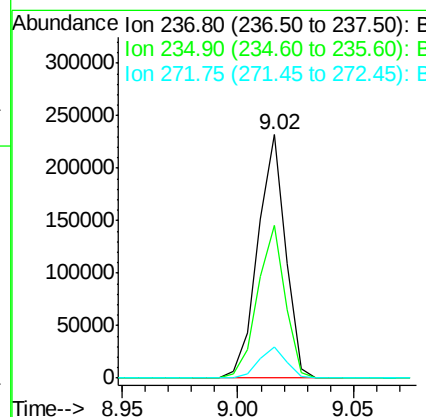
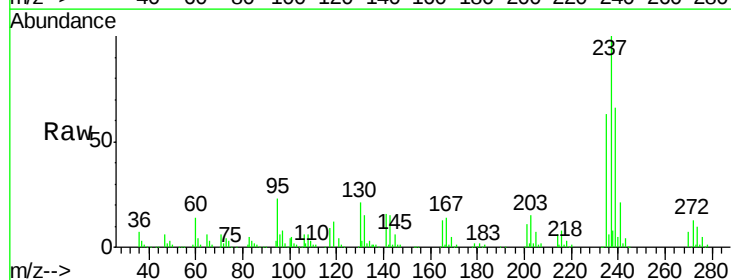
RT: 9.02 min Scan# 1178

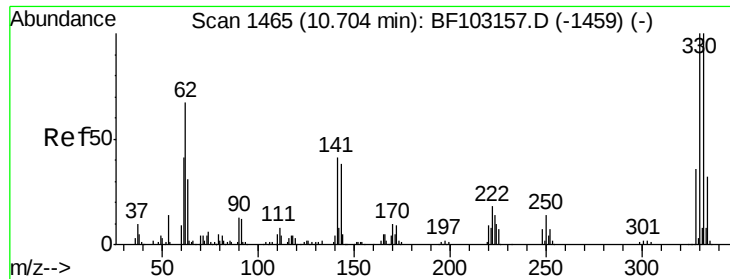
Delta R.T. 0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	194759		
235	62.8	44.8	84.8	
272	12.7	0.0	33.3	





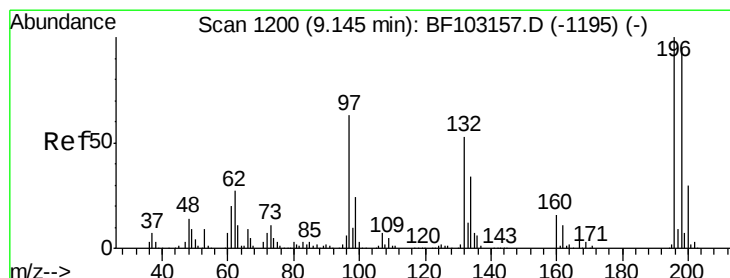
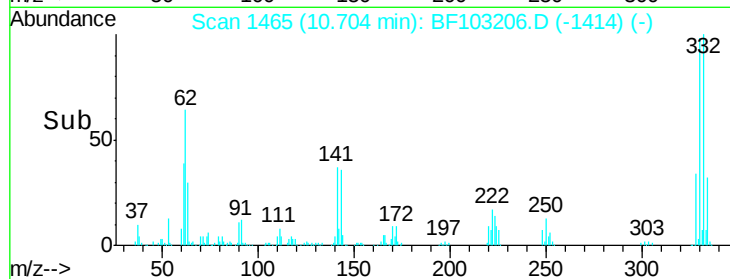
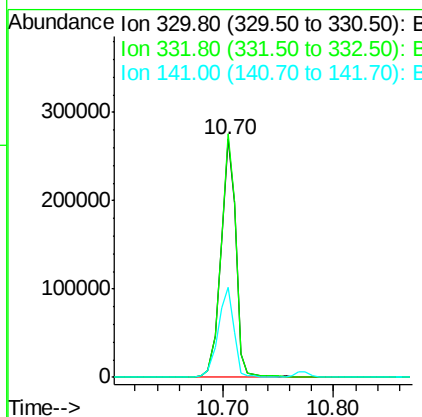
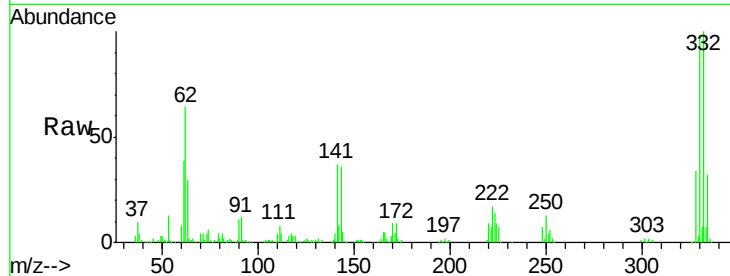
#41
 2,4,6-Tribromophenol
 Concen: 94.099 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.4	77.0	115.6	
141	39.4	29.9	44.9	

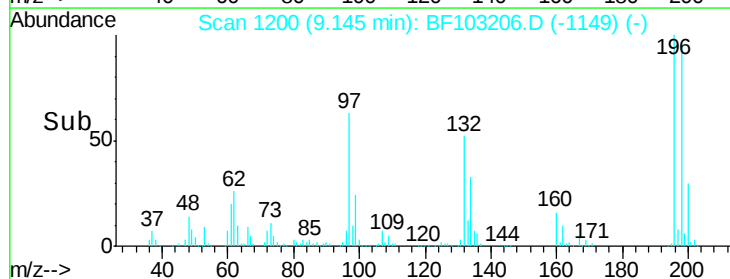
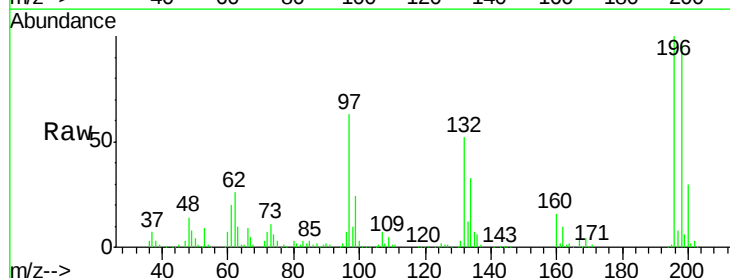
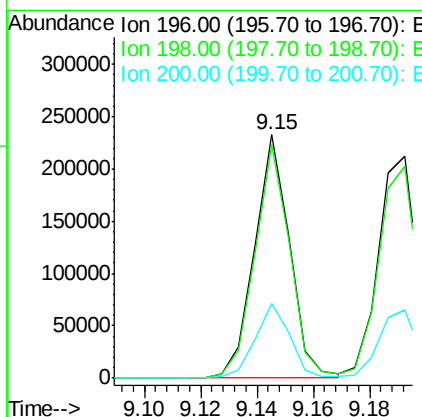
Manual Integrations
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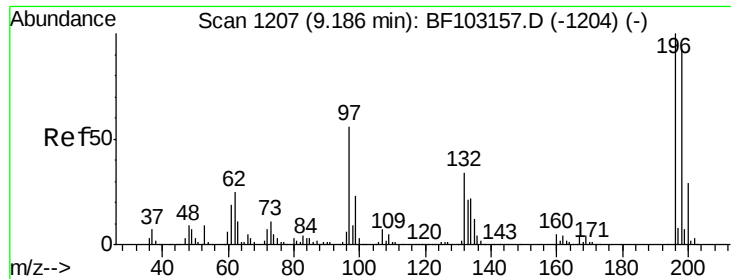
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#42
 2,4,6-Trichlorophenol
 Concen: 33.787 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	75.7	113.5	
200	30.4	24.5	36.7	





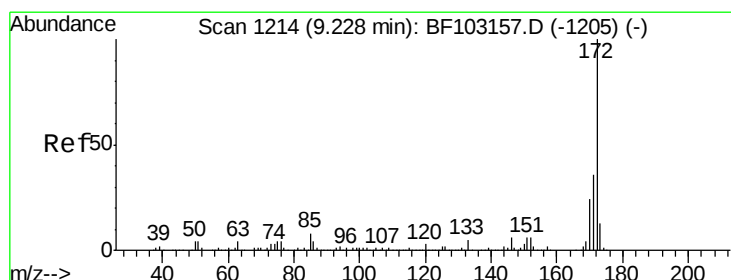
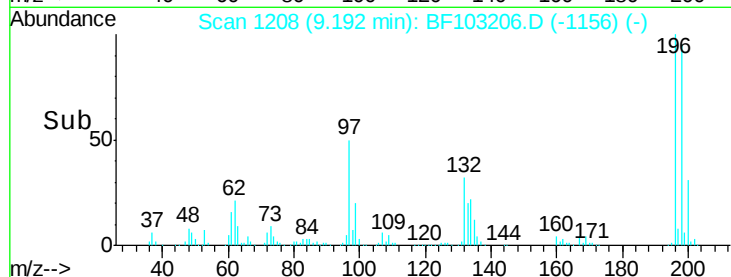
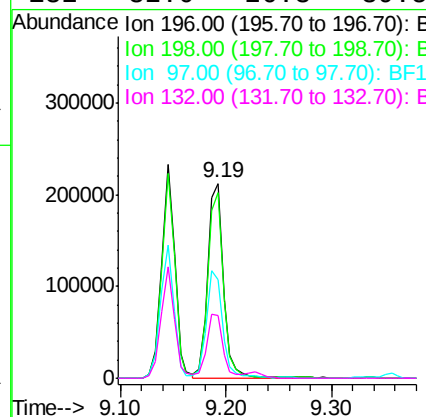
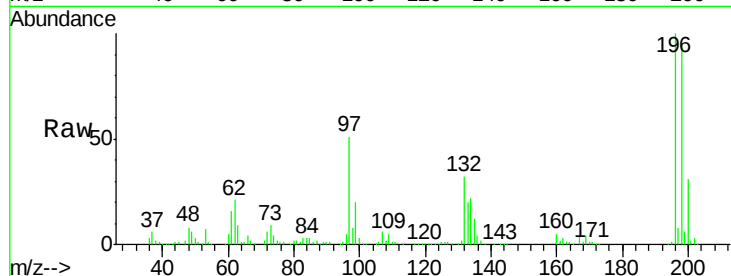
#43
2,4,5-Trichlorophenol
Concen: 32.083 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218813		
198	95.3	74.6	112.0	
97	50.6	42.9	64.3	
132	32.0	26.3	39.5	

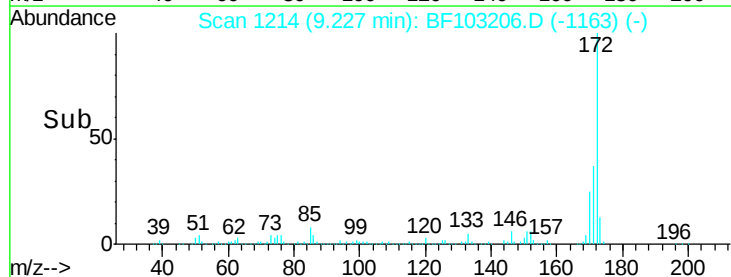
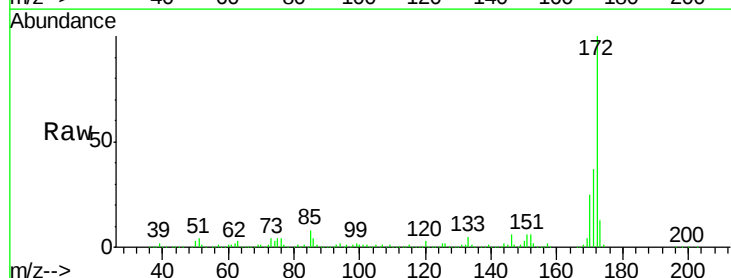
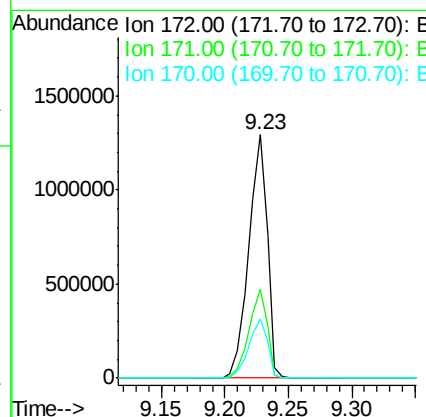
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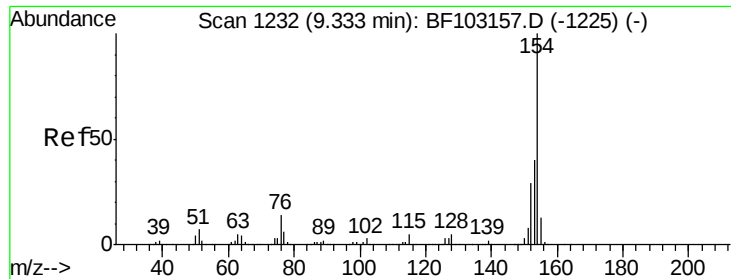
Sohil
2/27/2018 12:22:19 PM



#44
2-Fluorobiphenyl
Concen: 65.906 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1302193		
171	36.5	29.7	44.5	
170	24.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 31.303 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

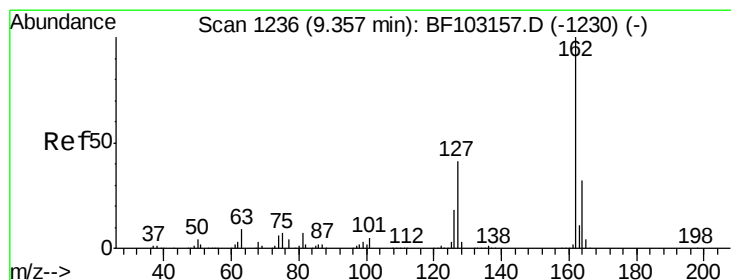
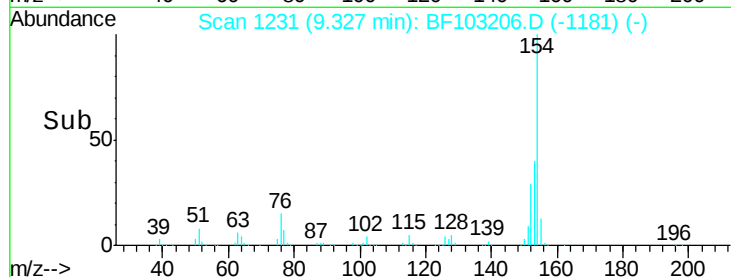
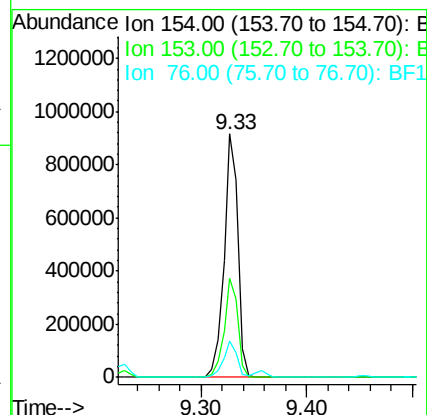
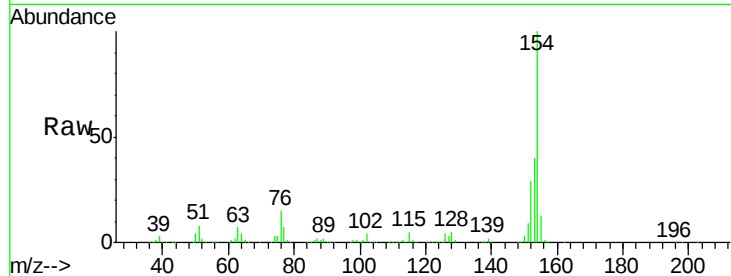
ClientSampleId :

PB106745BS

Tot Ion:	154	Resp:	845582
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.3	61.3
76	15.0	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 31.811 ng

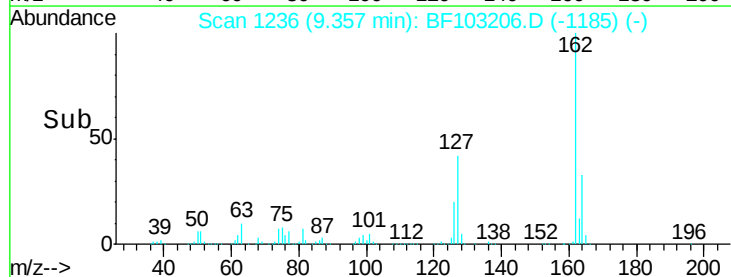
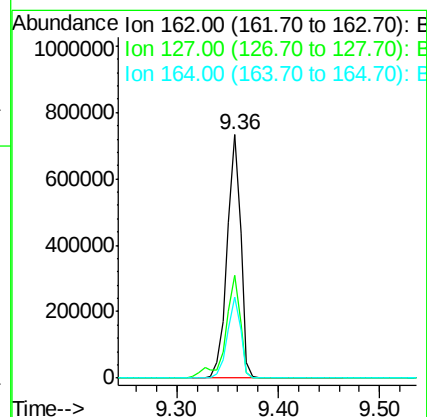
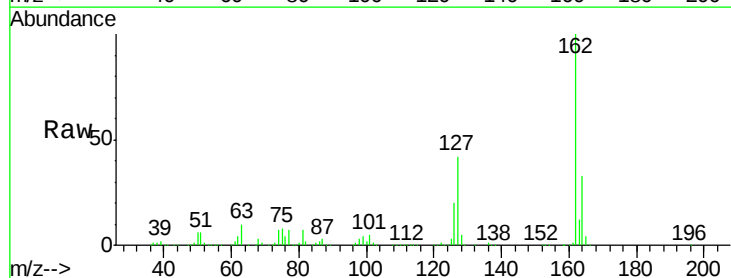
RT: 9.36 min Scan# 1236

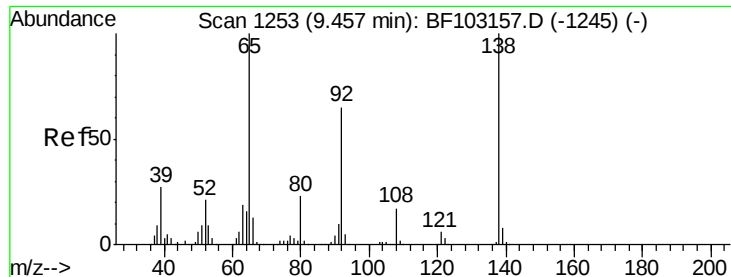
Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	162	Resp:	679809
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	33.1	26.5	39.7





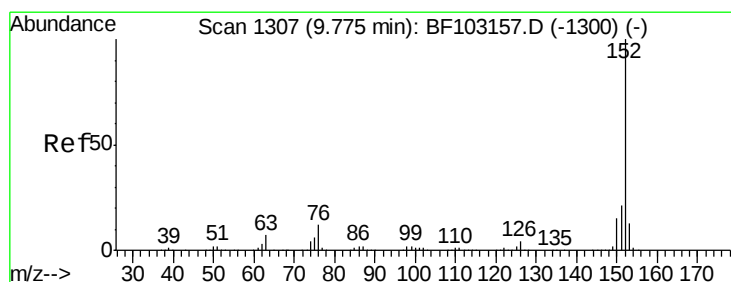
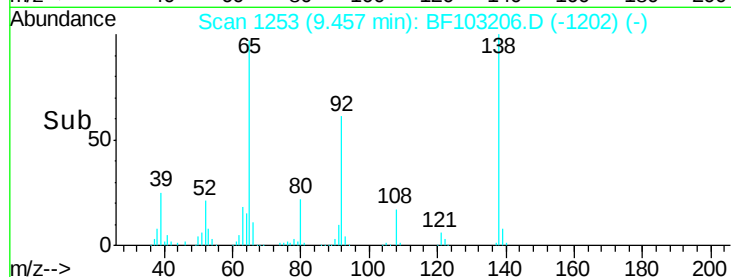
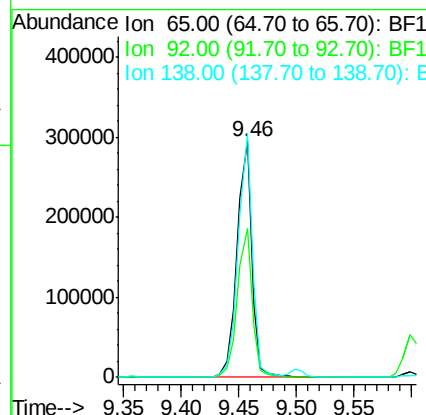
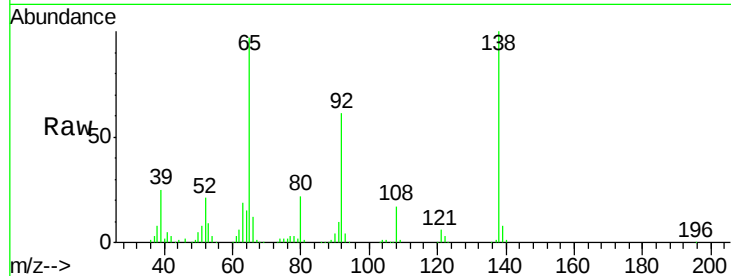
#47
2-Nitroaniline
Concen: 33.300 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	55.8	83.6
138	103.4	91.2	136.8

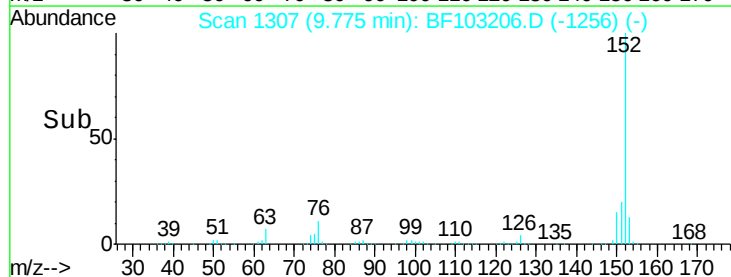
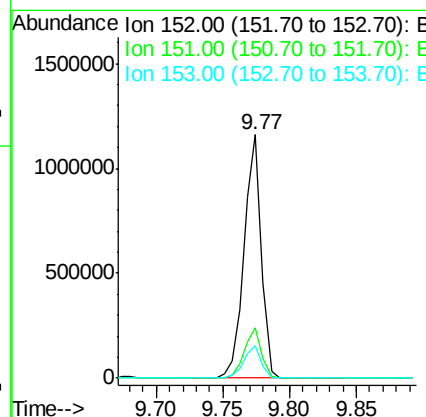
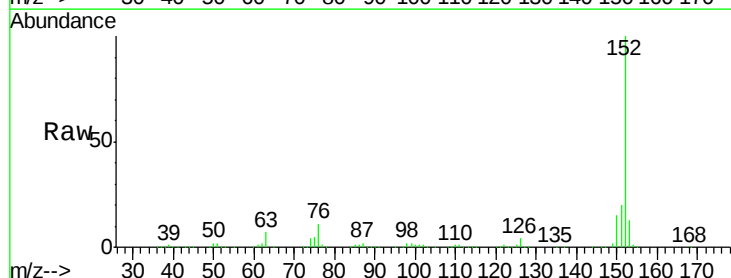
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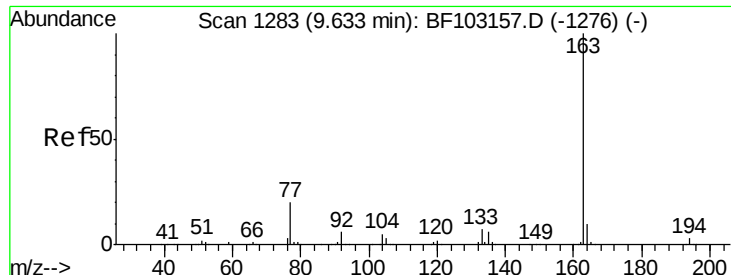
Sohil
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#48
Acenaphthylene
Concen: 31.700 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1





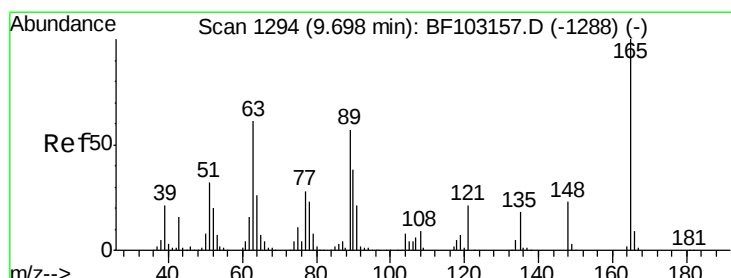
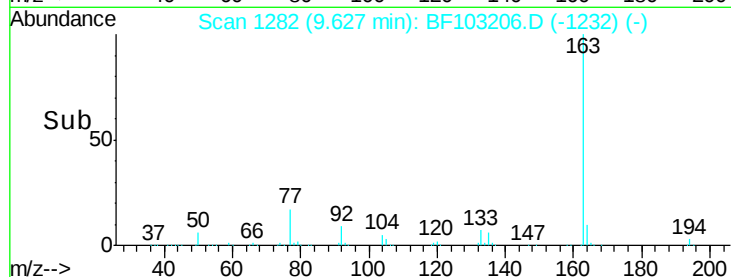
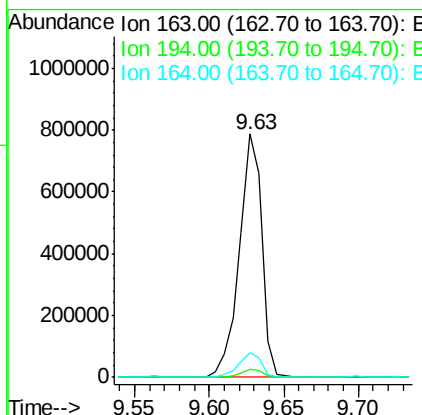
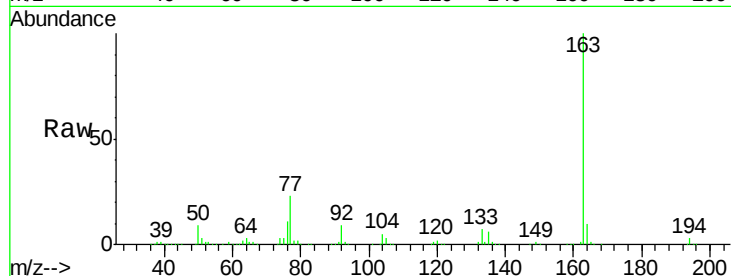
#49
Dimethylphthalate
Concen: 31.906 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampled :
PB106745BS

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

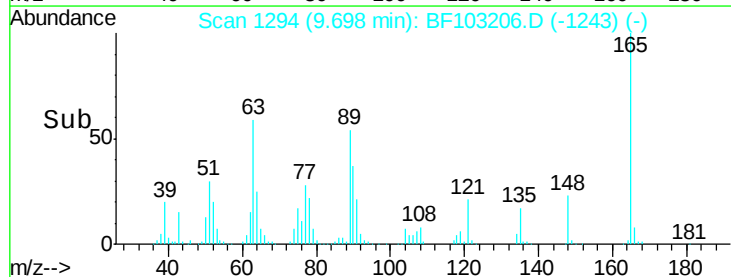
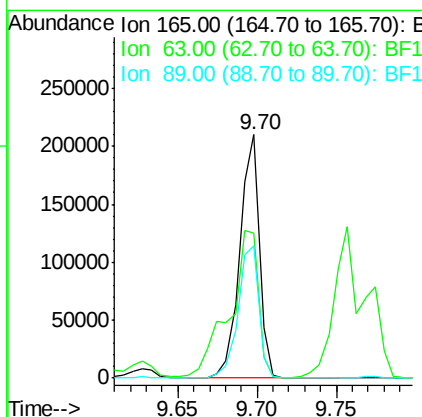
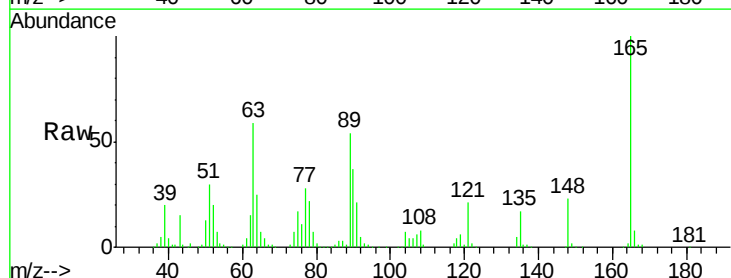
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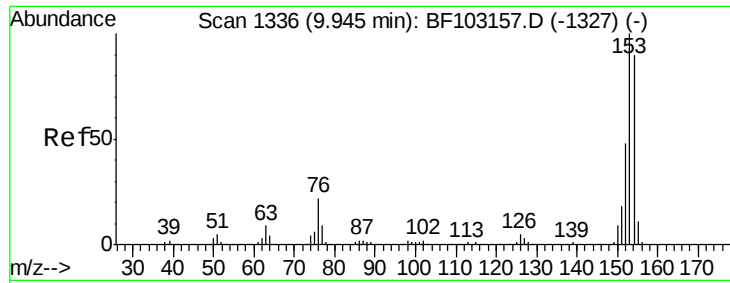
Sohil
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#50
2,6-Dinitrotoluene
Concen: 33.116 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.4	44.7	67.1	
89	54.1	44.0	66.0	





#51

Acenaphthene

Concen: 31.317 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

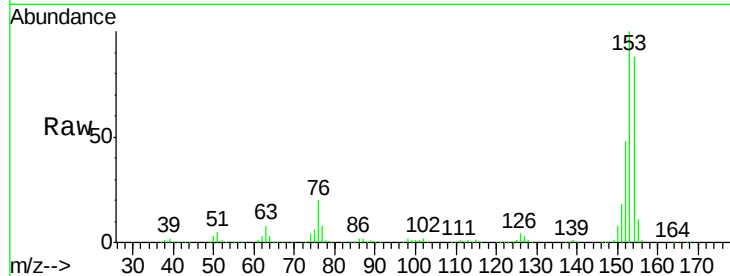
ClientSampleId :

PB106745BS

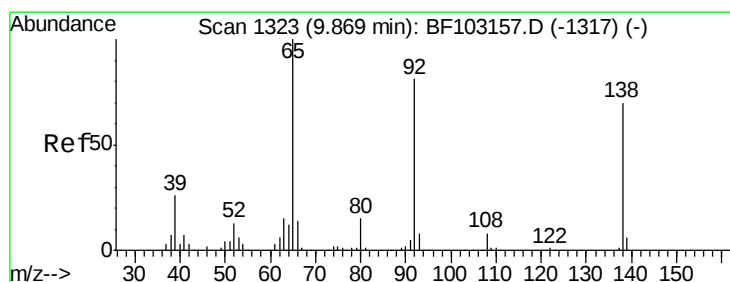
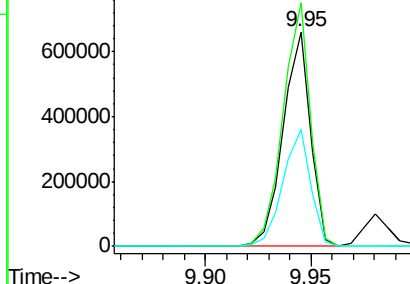
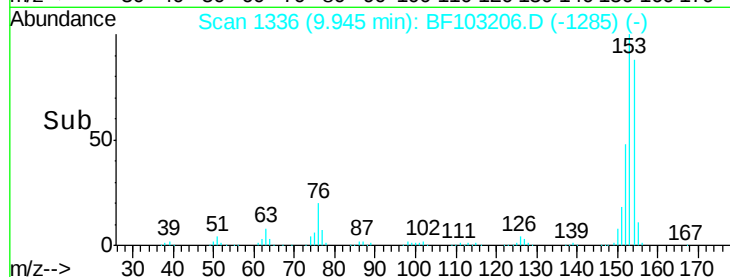
Tot Ion:	154	Resp:	600453
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	54.5	43.8	65.8

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



#52

3-Nitroaniline

Concen: 15.349 ng

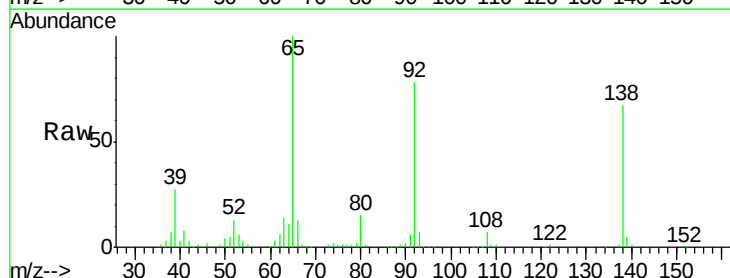
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

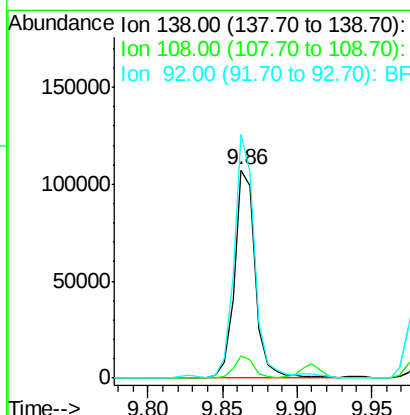
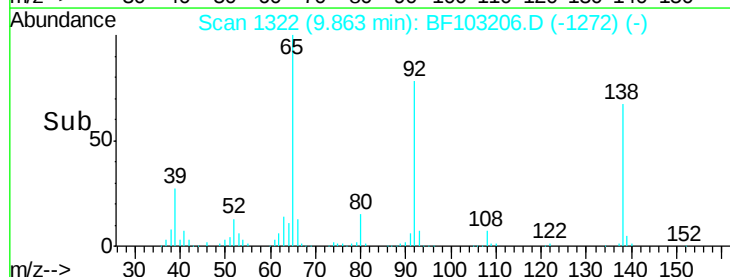
Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	138	Resp:	105682
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	117.1	89.4	134.2



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





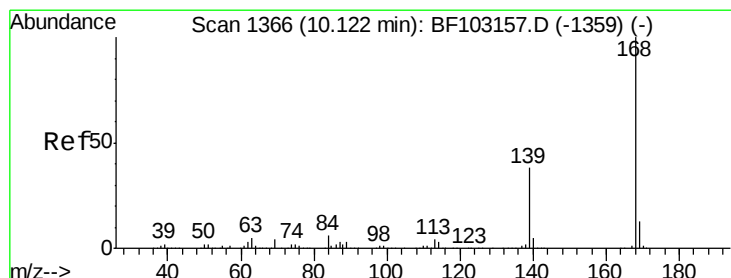
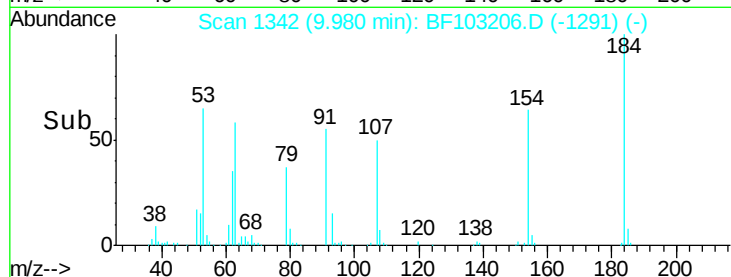
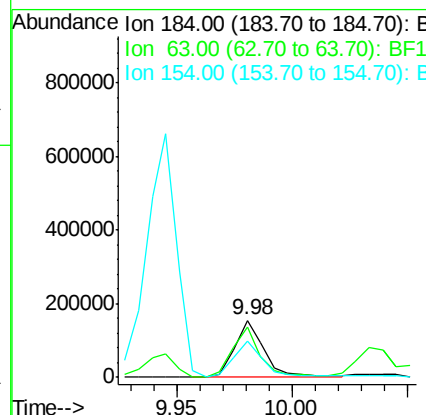
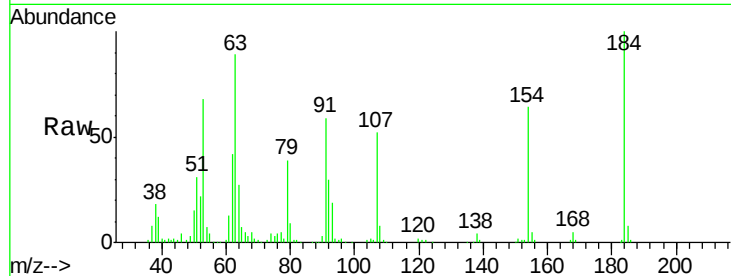
#53
 2,4-Dinitrophenol
 Concen: 72.165 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	139364		
63	88.5	54.2	81.2#	
154	63.6	184.0	276.0#	

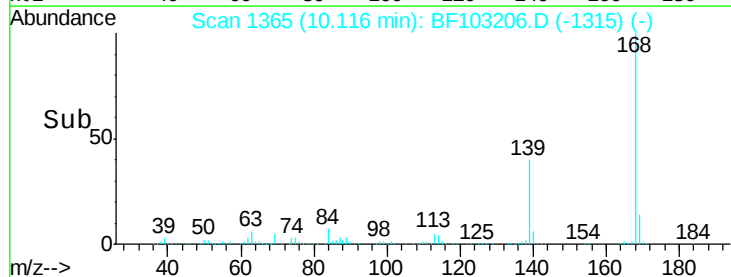
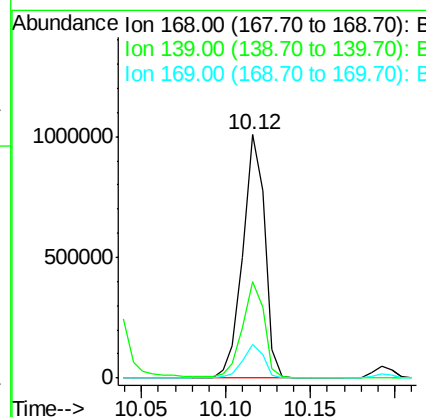
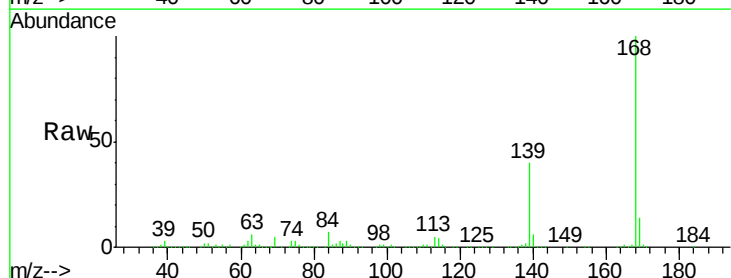
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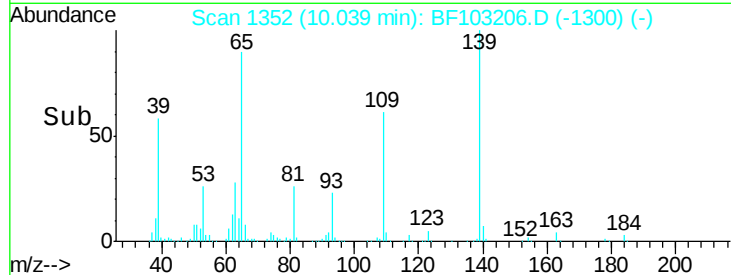
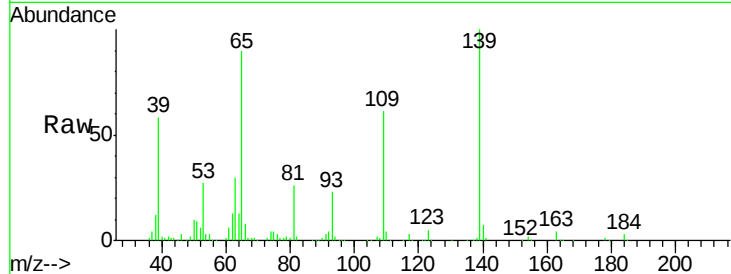
Sohil
 2/27/2018 12:22:19 PM



#54
 Dibenzofuran
 Concen: 34.785 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	915533		
139	39.6	30.1	45.1	
169	13.9	10.9	16.3	





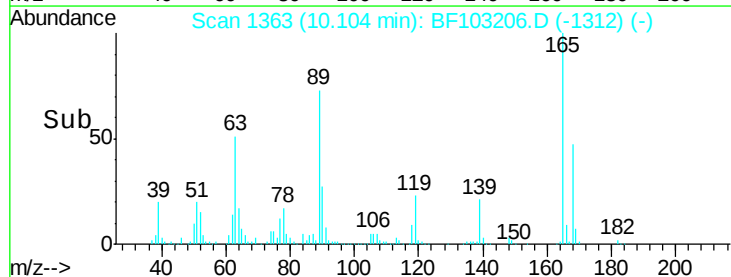
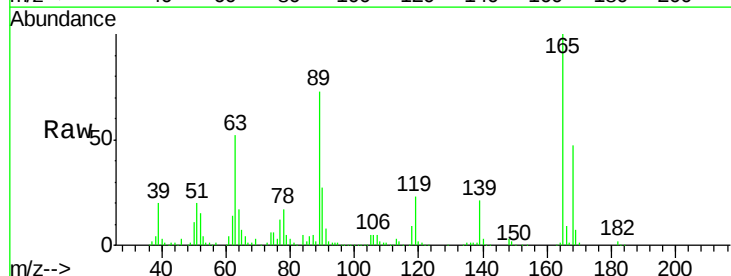
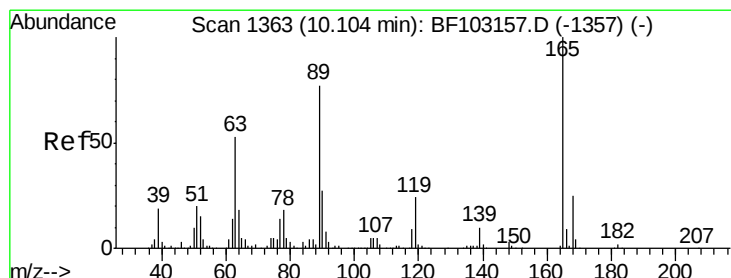
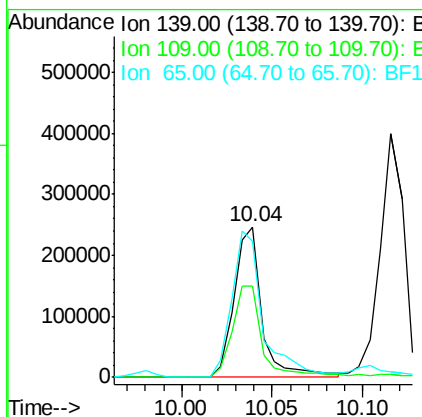
#55
4-Nitrophenol
Concen: 62.039 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampled :
PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	264737		
109	60.7	48.4	88.4	
65	90.2	72.6	112.6	

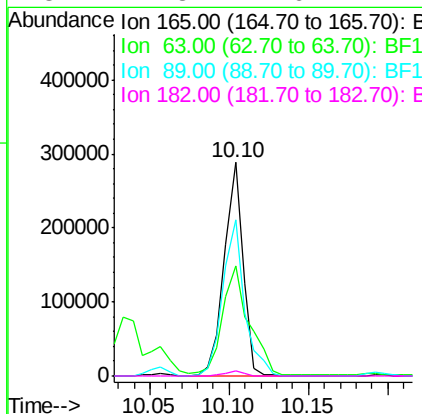
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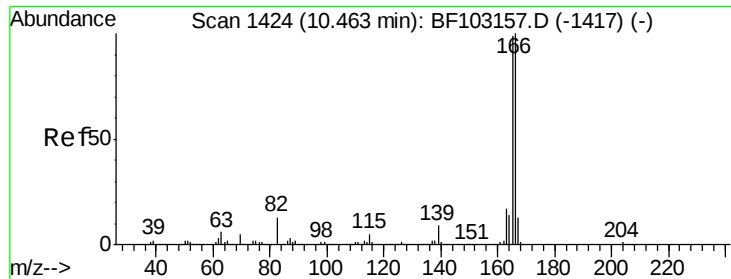
Sohil
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#56
2,4-Dinitrotoluene
Concen: 34.795 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	238821		
63	51.6	36.4	54.6	
89	73.1	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 30.751 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

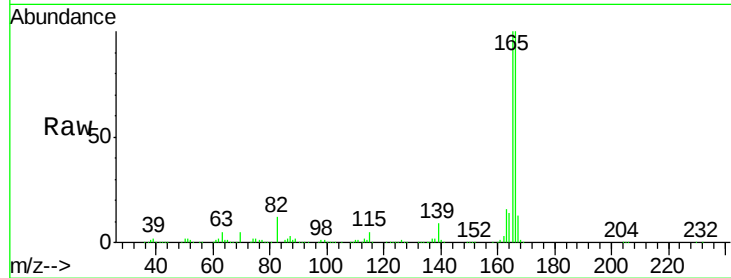
ClientSampled :

PB106745BS

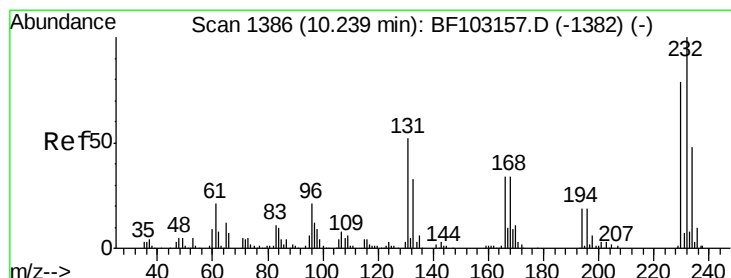
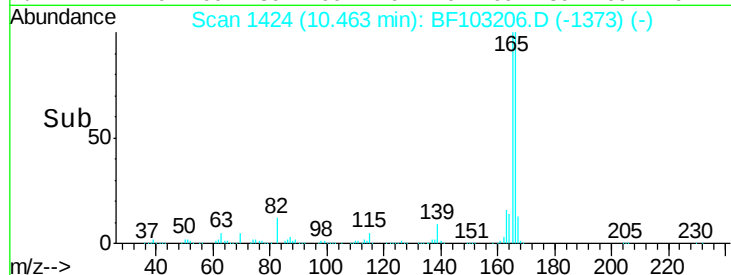
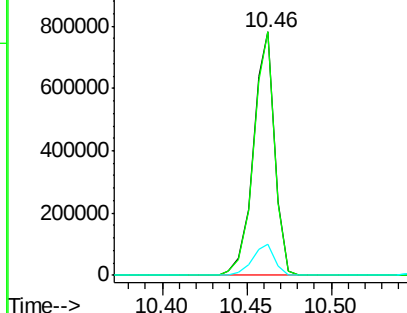
Tot Ion:	166	Resp:	689469
Ion Ratio		Lower	Upper
166	100		
165	100.0	79.8	119.8
167	12.9	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.543 ng

RT: 10.24 min Scan# 1386

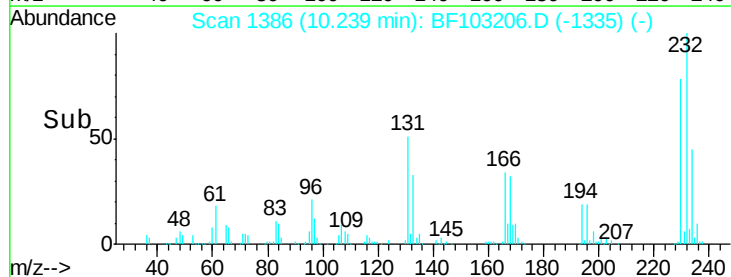
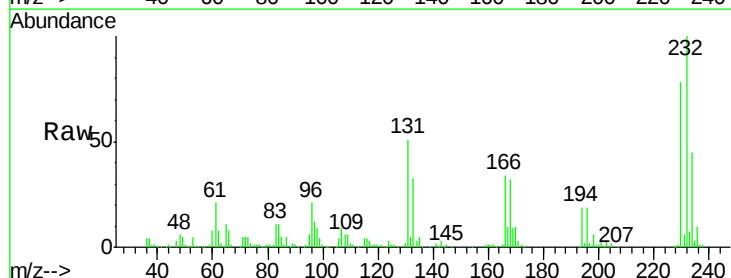
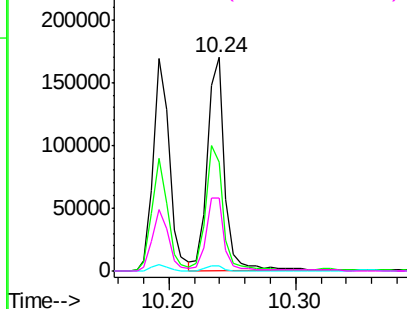
Delta R.T. -0.00 min

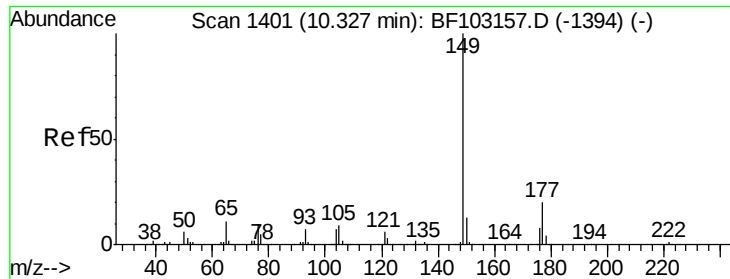
Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	232	Resp:	162844
Ion Ratio		Lower	Upper
232	100		
131	57.9	43.8	65.8
130	2.5	2.1	3.1
166	34.9	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





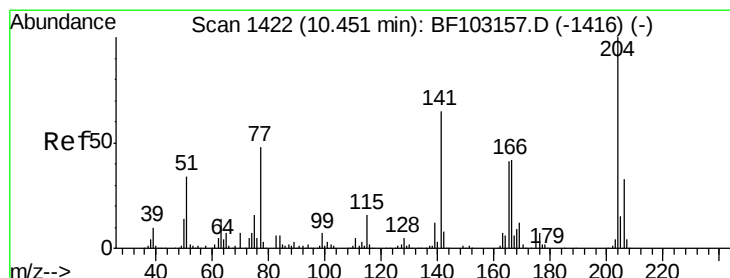
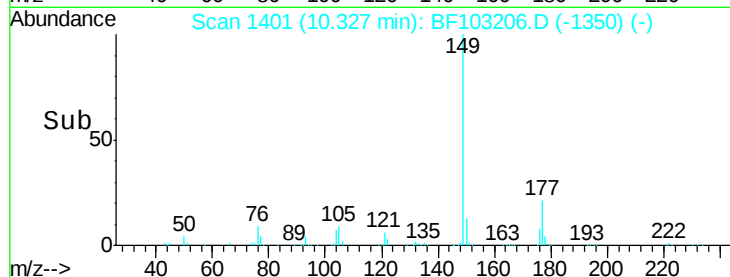
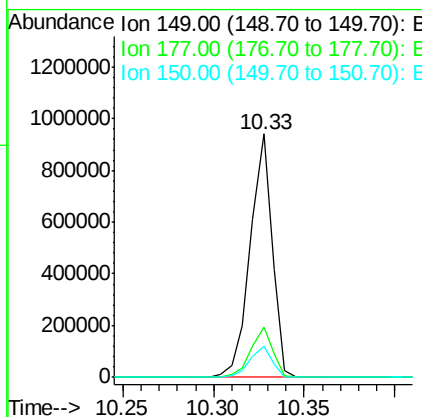
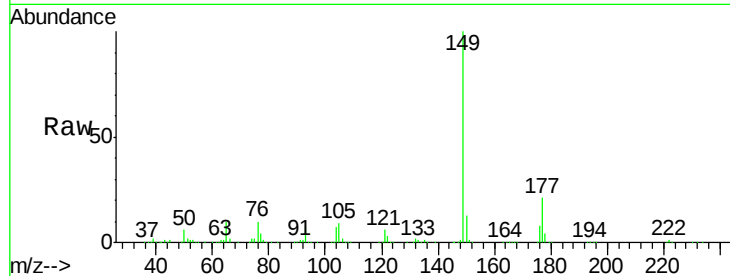
#59
Diethylphthalate
Concen: 32.270 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.5	10.1	15.1

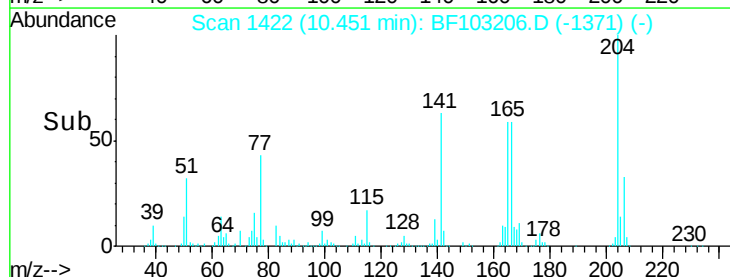
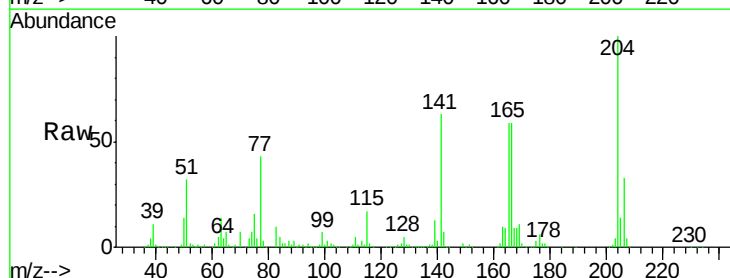
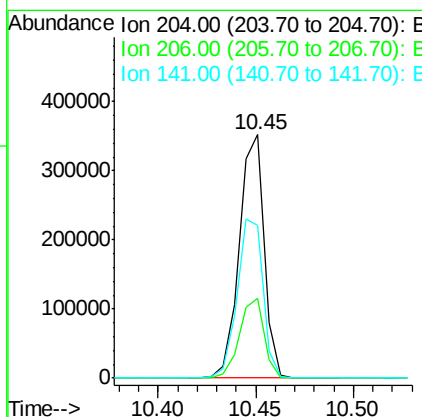
Manual Integrations
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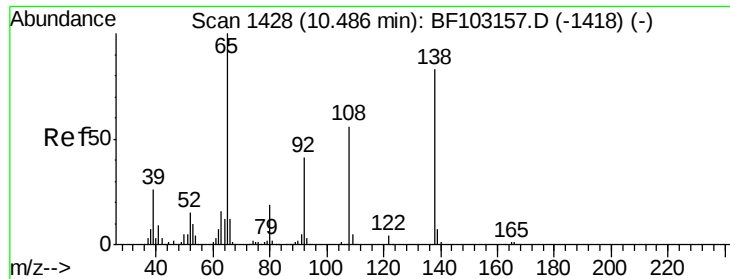
Sohil
2/27/2018 12:22:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.716 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	62.7	54.6	81.8





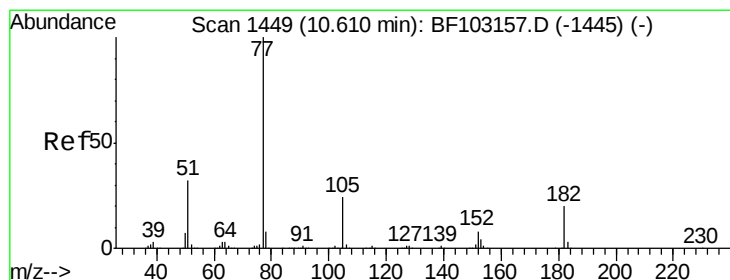
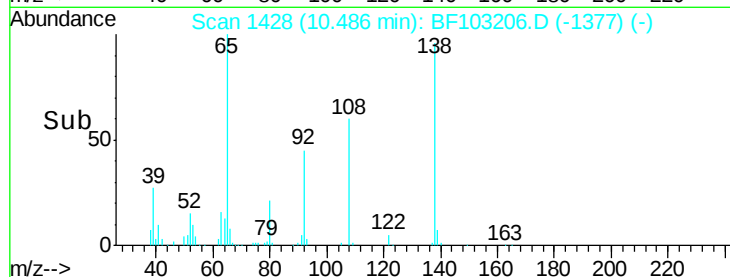
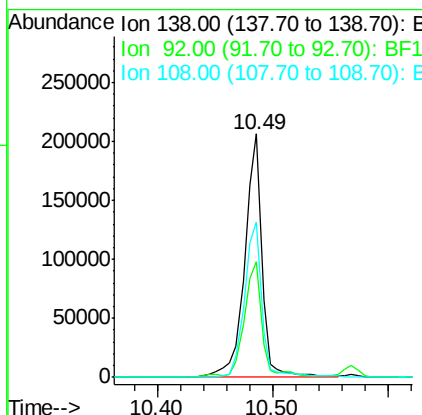
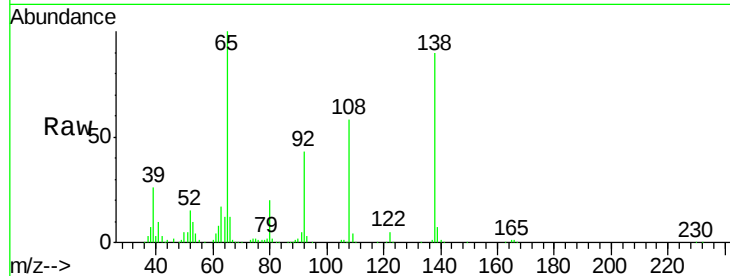
#61
4-Nitroaniline
Concen: 31.398 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampled :
PB106745BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.5	30.2	70.2
108	63.7	52.5	92.5

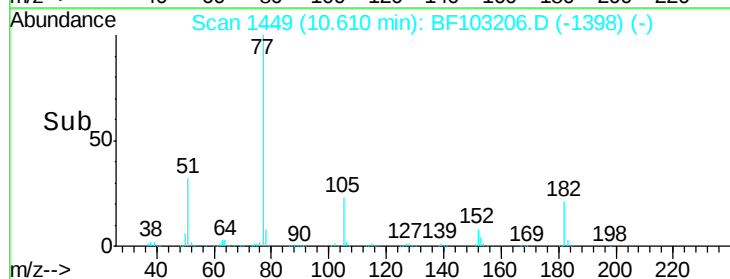
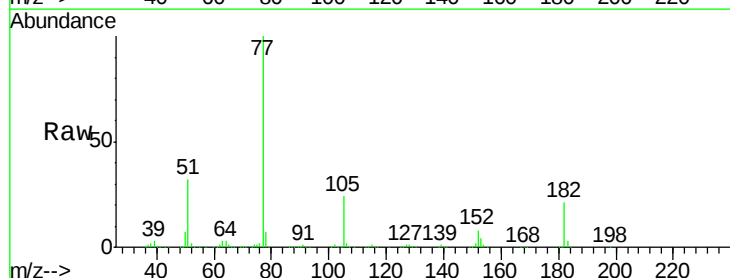
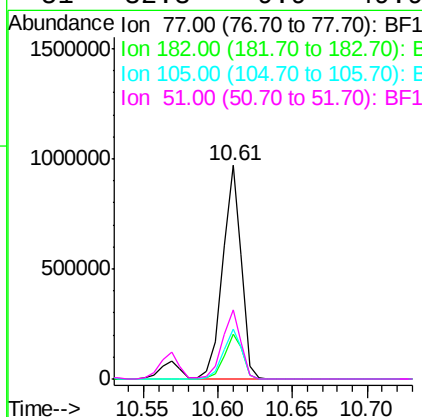
Manual Integrations
APPROVED

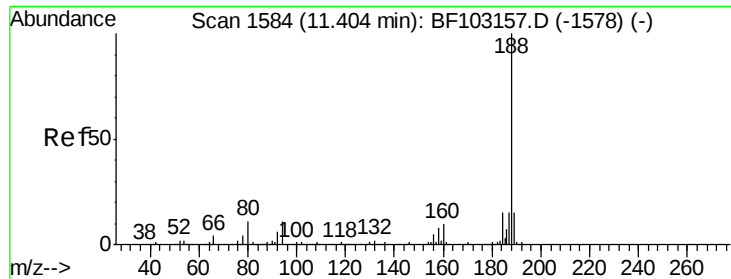
Sohil
2/27/2018 12:22:19 PM



#62
Azobenzene
Concen: 33.834 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.7	41.7
105	23.7	3.0	43.0
51	32.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

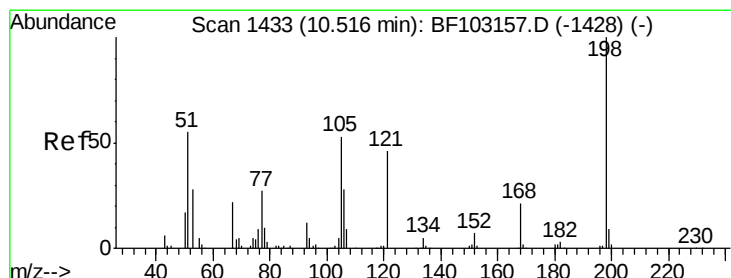
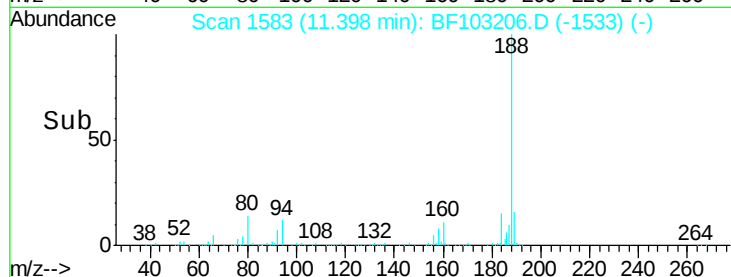
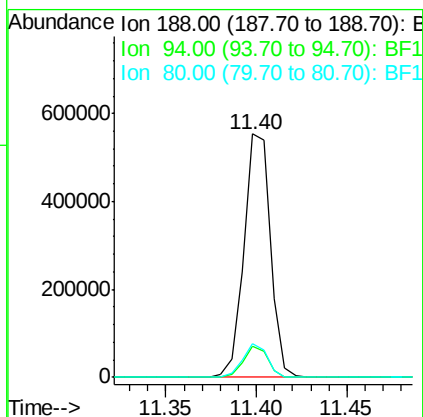
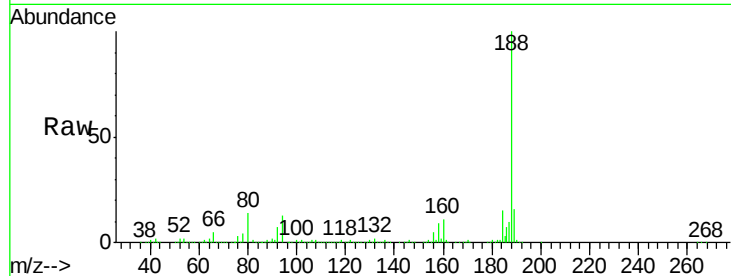
ClientSampleId :

PB106745BS

Tot Ion:	188	Resp:	560913
Ion Ratio	Lower	Upper	
188	100		
94	12.6	8.5	12.7
80	13.6	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 32.055 ng

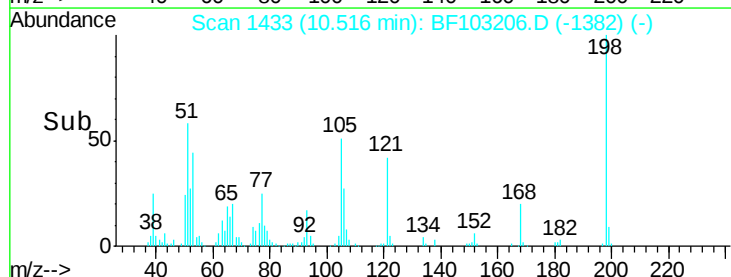
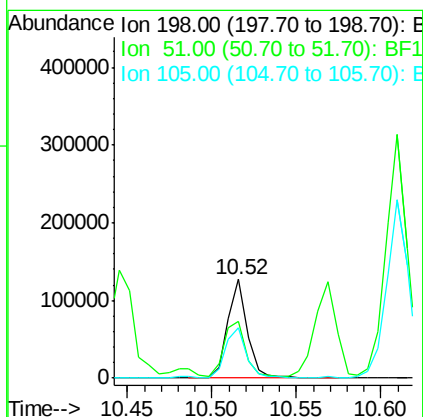
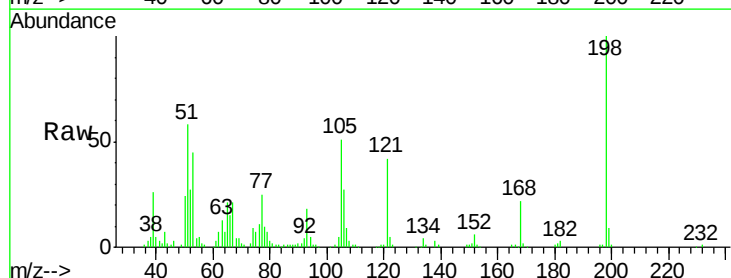
RT: 10.52 min Scan# 1433

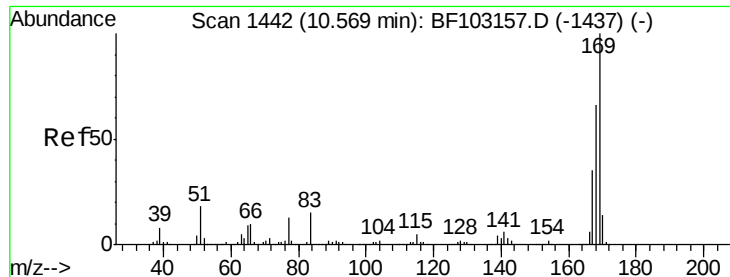
Delta R.T. 0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	198	Resp:	103149
Ion Ratio	Lower	Upper	
198	100		
51	58.1	37.7	77.7
105	51.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 32.334 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

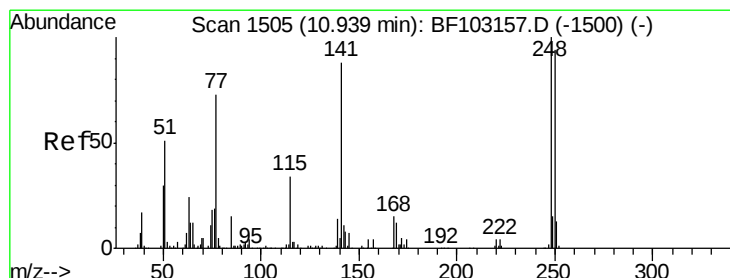
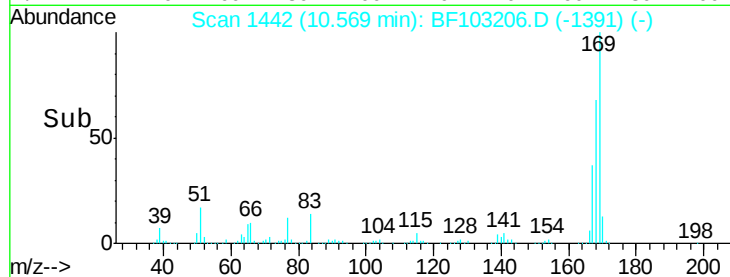
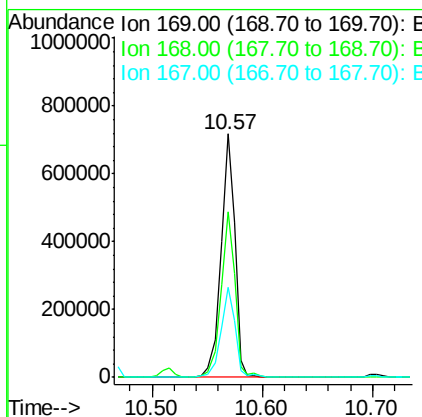
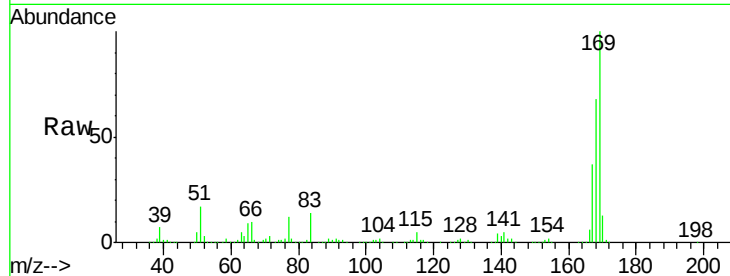
ClientSampleId :

PB106745BS

Tot Ion:	169	Resp:	631491
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.4	81.6
167	37.2	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 32.532 ng

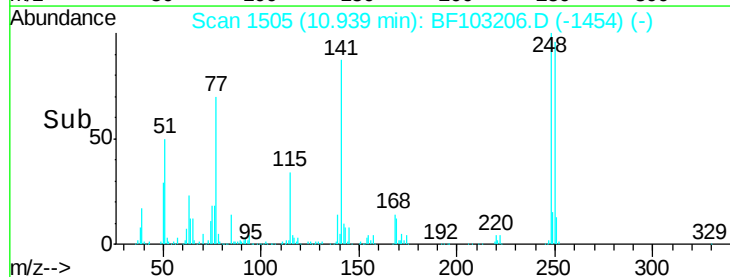
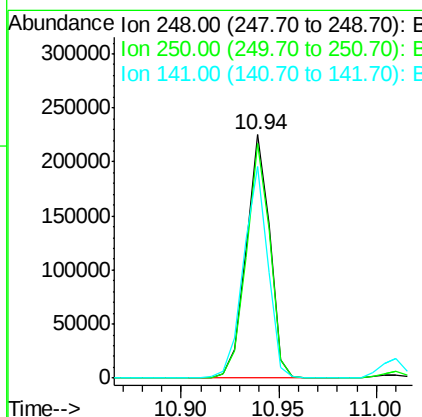
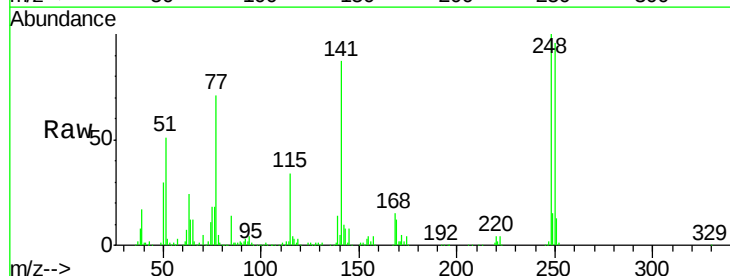
RT: 10.94 min Scan# 1505

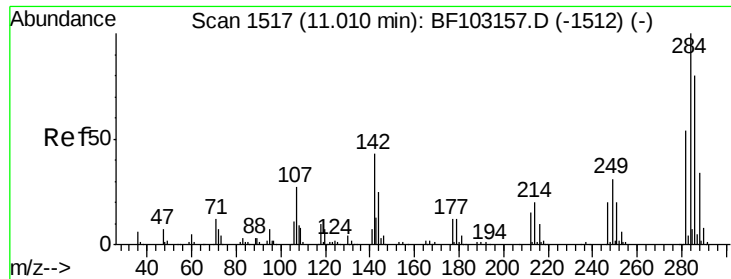
Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	248	Resp:	190083
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.9	115.3
141	86.9	74.4	111.6





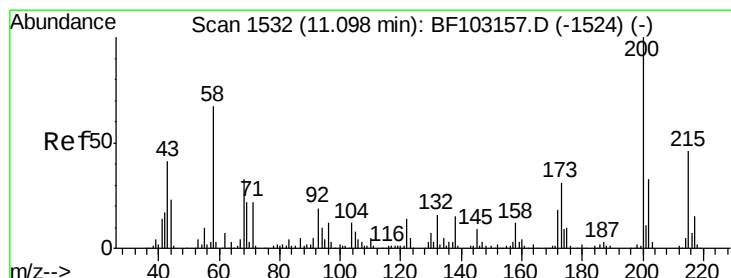
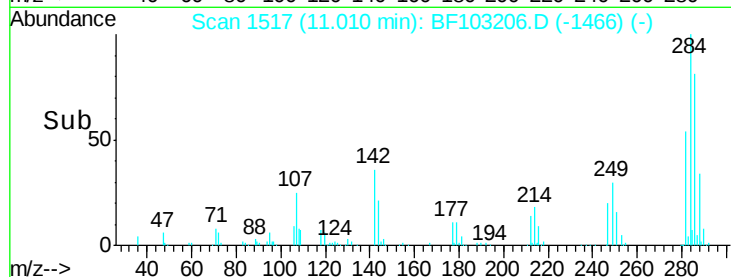
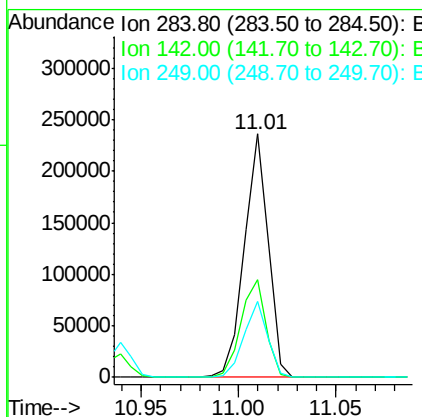
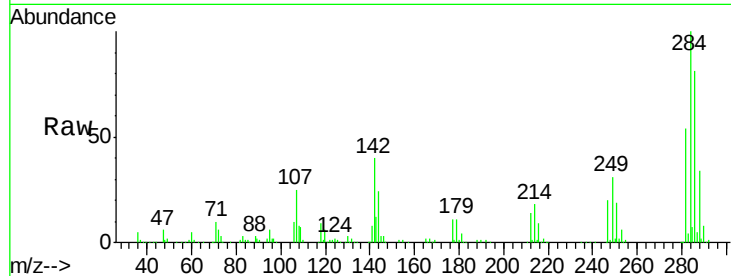
#67
Hexachlorobenzene
Concen: 31.613 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	200488		
142	40.2		34.6	52.0
249	31.4		24.8	37.2

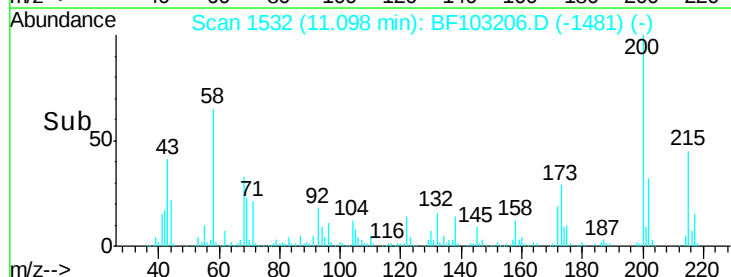
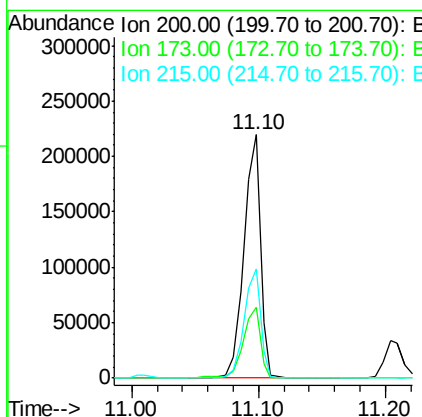
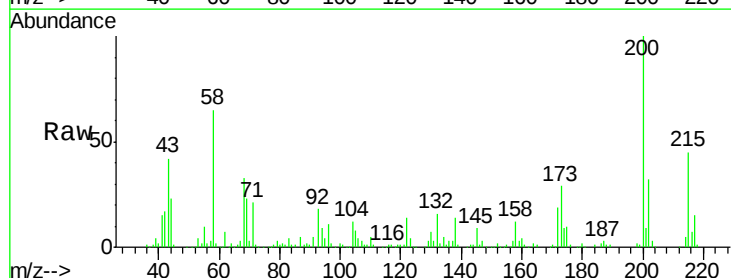
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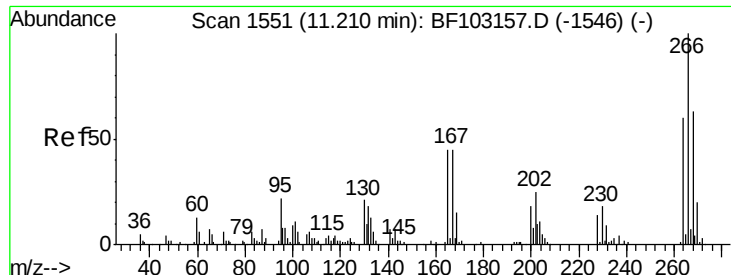
Sohil
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#68
Atrazine
Concen: 33.568 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	197049		
173	29.1		8.6	48.6
215	44.9		25.1	65.1





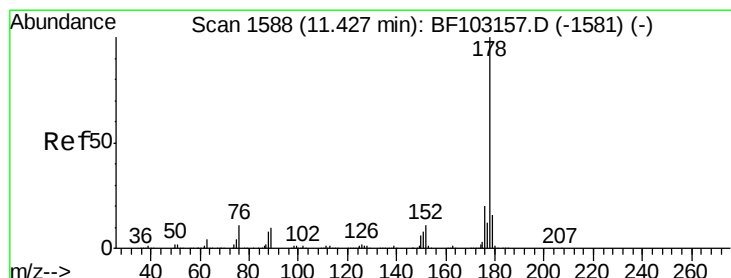
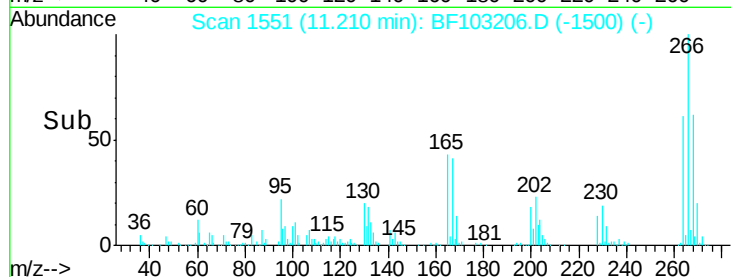
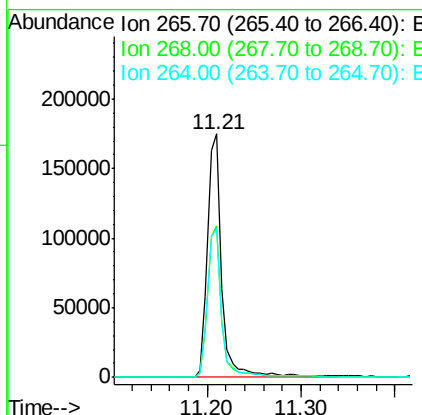
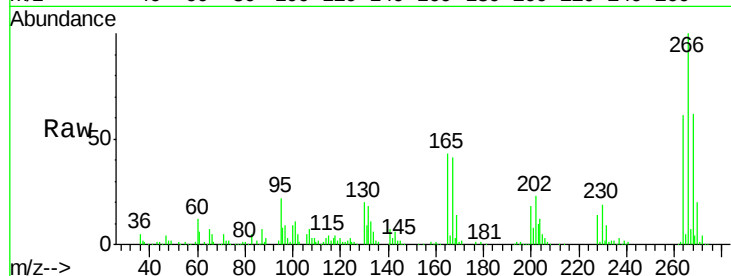
#69
 Pentachlorophenol
 Concen: 61.883 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	189763		
268	62.2	51.1	76.7	
264	61.2	49.5	74.3	

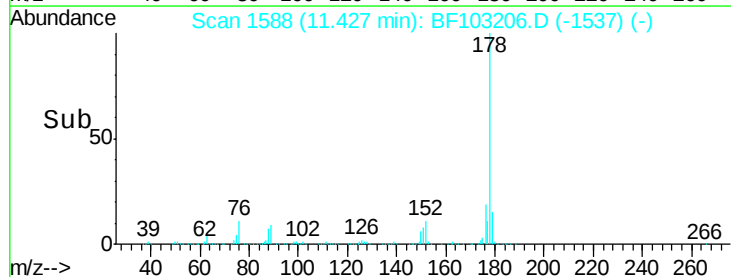
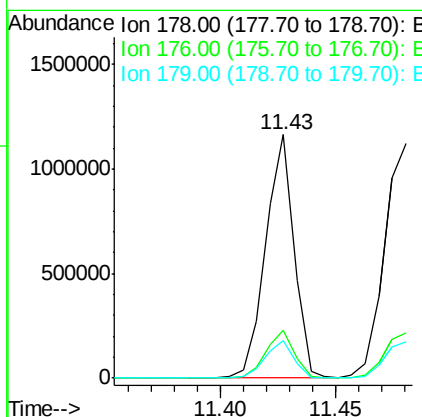
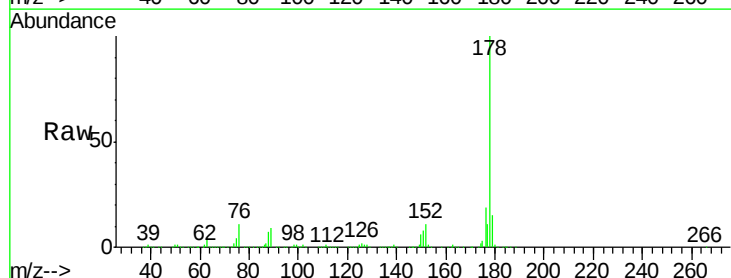
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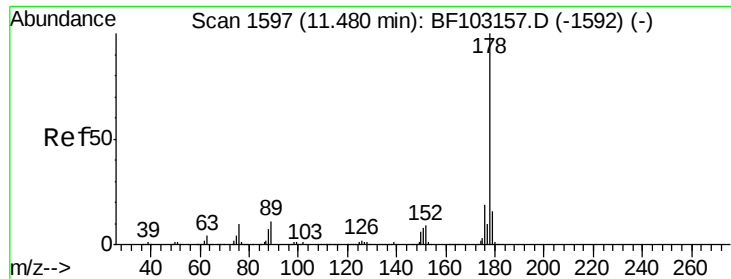
Sohil
 2/27/2018 12:22:19 PM



#70
 Phenanthrene
 Concen: 32.221 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	994622		
176	19.5	15.8	23.8	
179	15.5	13.0	19.6	





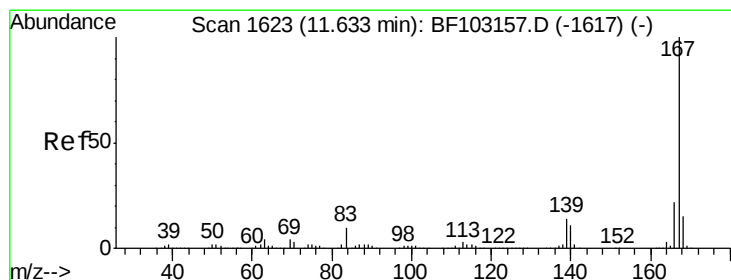
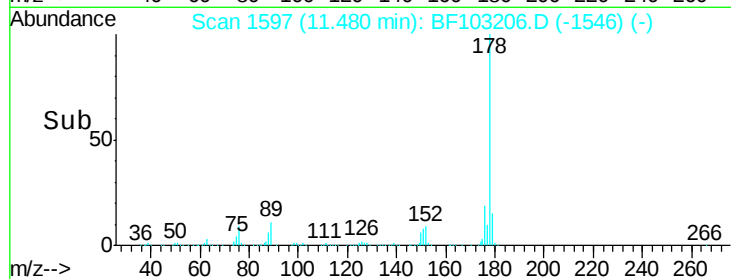
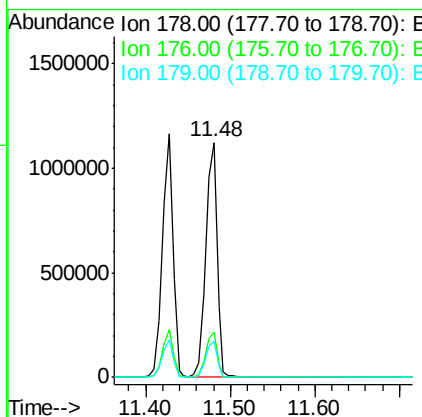
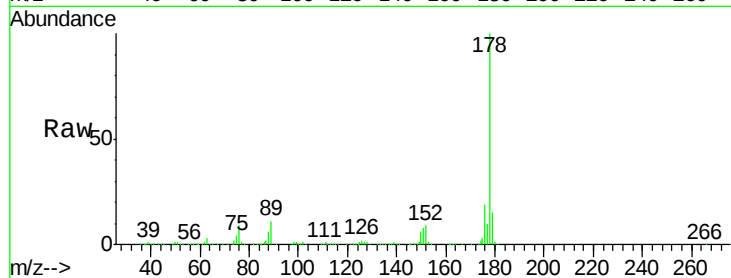
#71
 Anthracene
 Concen: 33.030 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Tot Ion:178 Resp: 1045538
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0

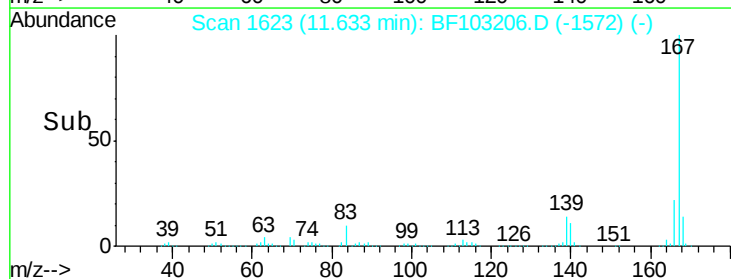
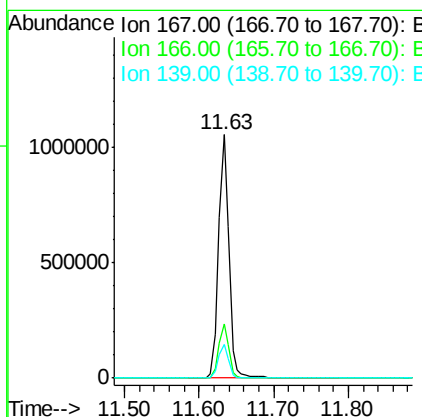
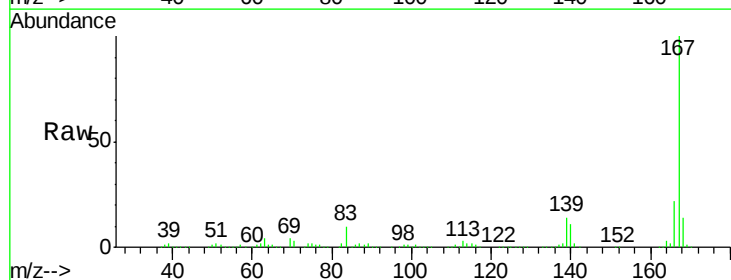
Manual Integrations
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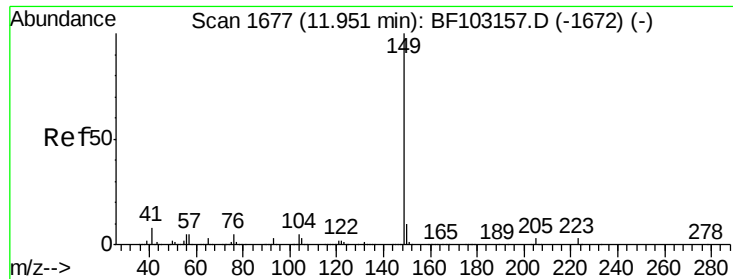
Sohil
 2/27/2018 12:22:19 PM



#72
 Carbazole
 Concen: 32.118 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:167 Resp: 1012416
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.393 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

PB106745BS

Tot Ion:149 Resp: 1277683

Ion Ratio Lower Upper

149 100

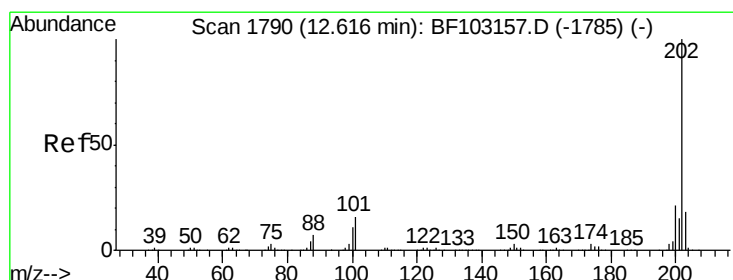
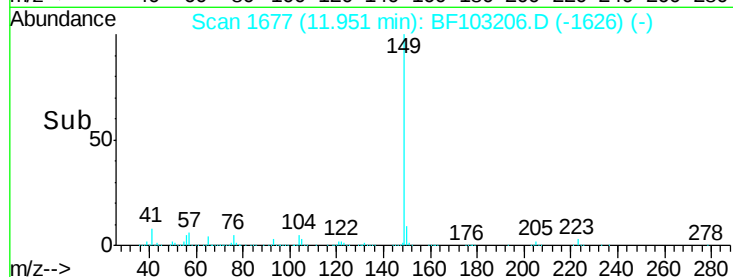
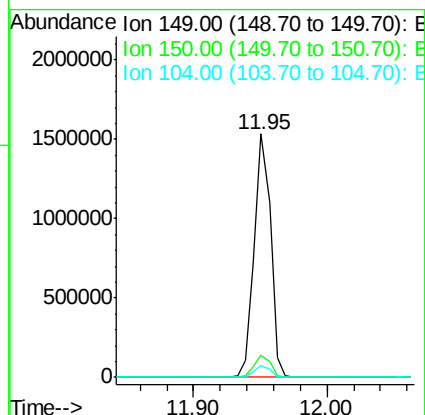
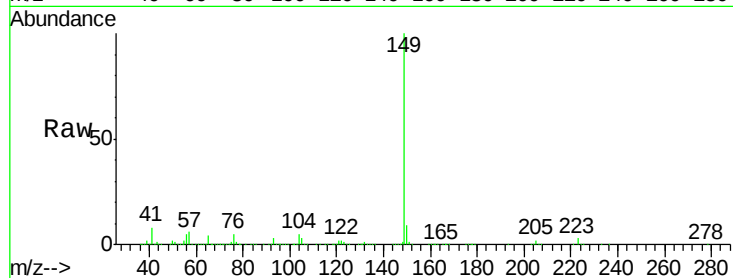
150 9.3 7.8 11.6

104 5.0 3.8 5.8

Manual Integrations
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#74

Fluoranthene

Concen: 32.477 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

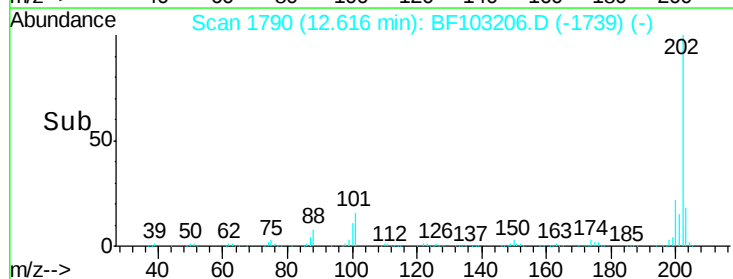
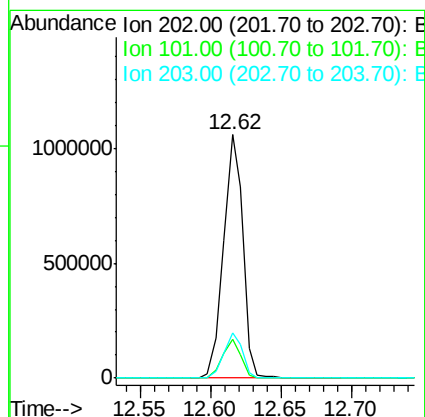
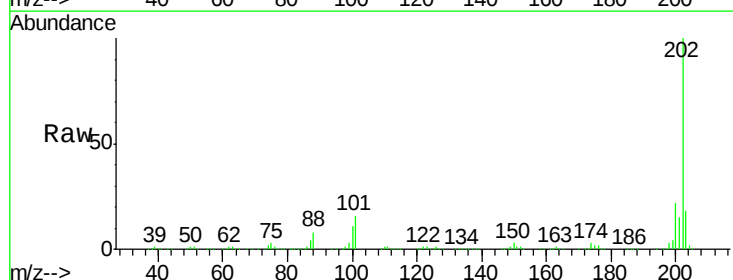
Tgt Ion:202 Resp: 1007421

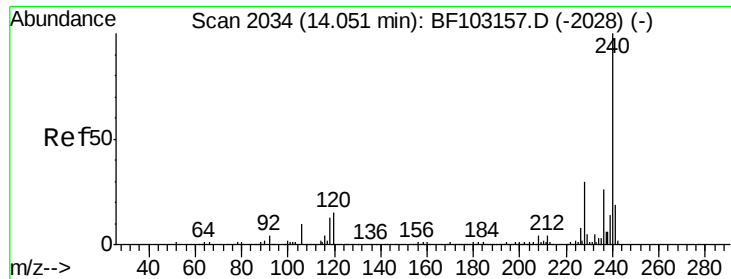
Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.1

203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

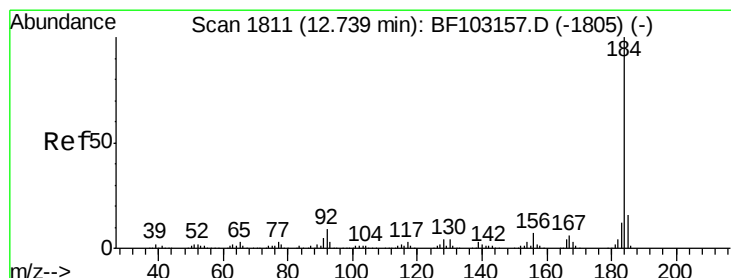
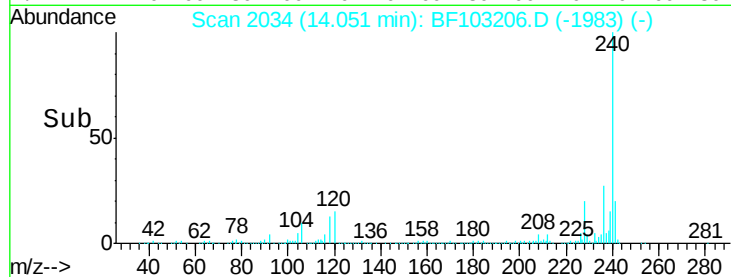
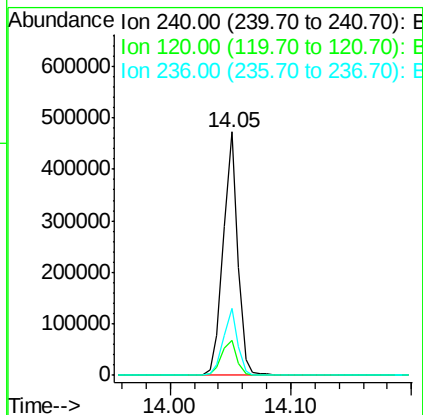
ClientSampleId :

PB106745BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3
236	27.3	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 20.674 ng

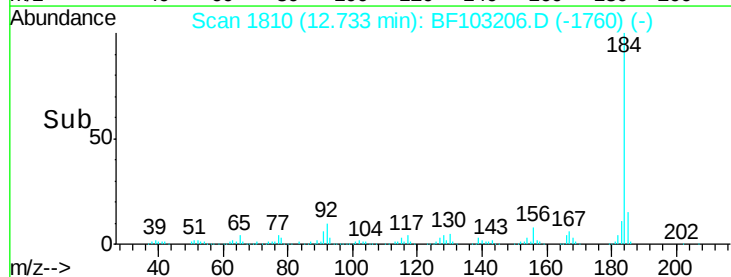
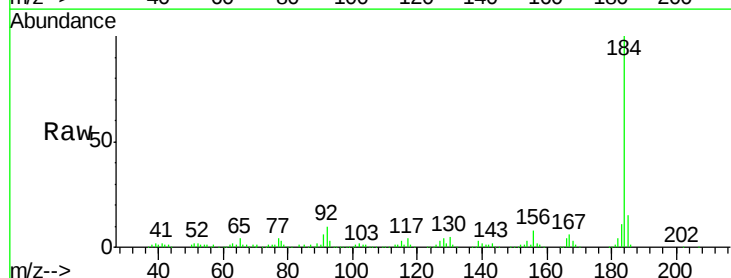
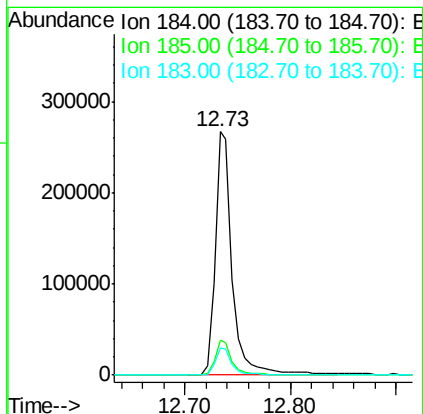
RT: 12.73 min Scan# 1810

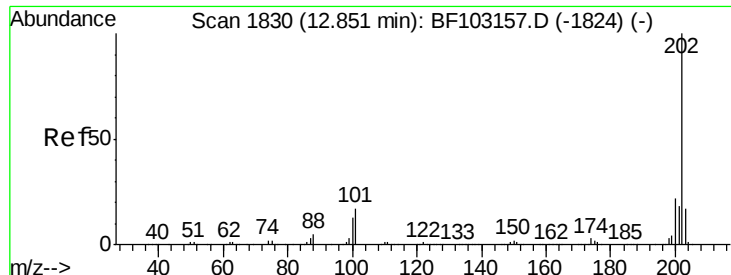
Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.2	9.3	13.9





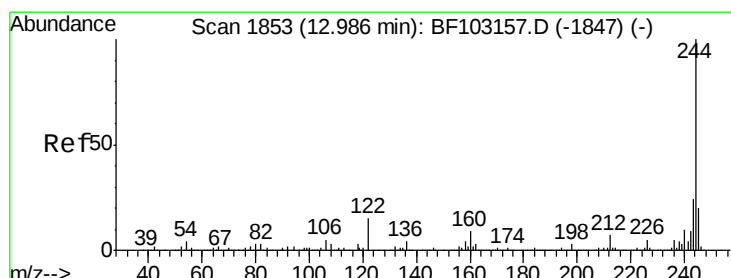
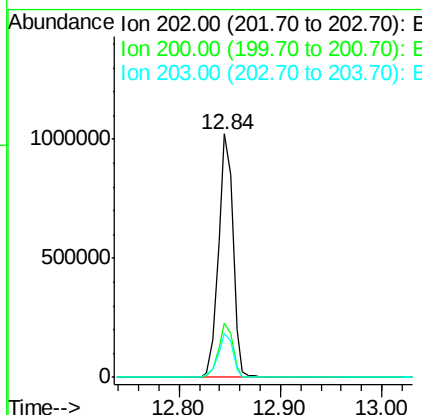
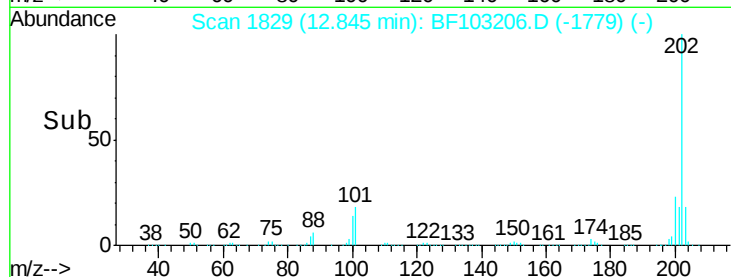
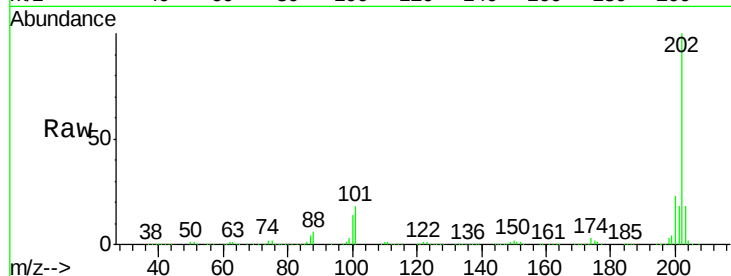
#77
Pvrene
Concen: 33.152 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion:202 Resp: 1013809
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.0 14.3 21.5

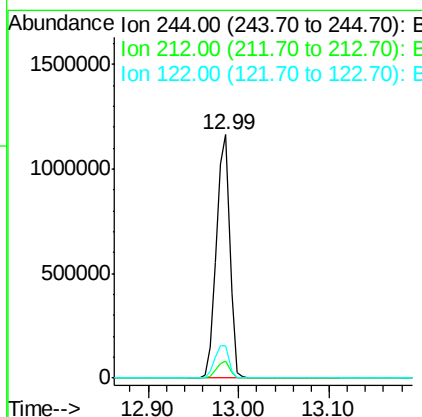
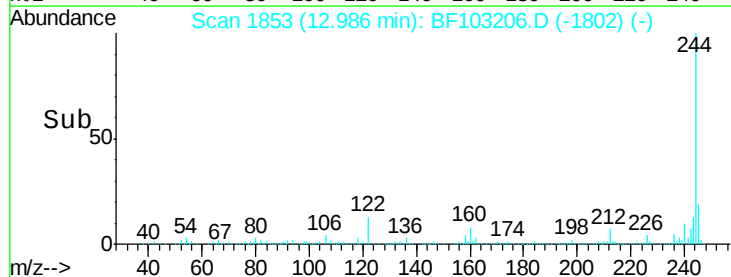
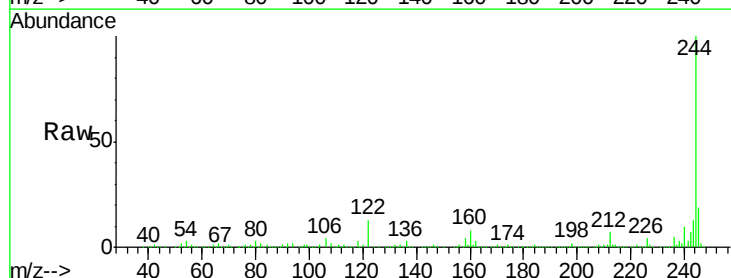
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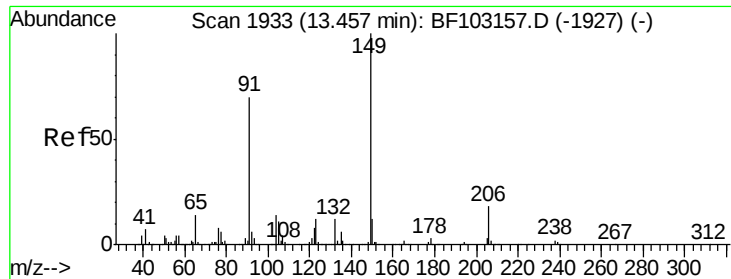
Sohil
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#78
Terphenyl-d14
Concen: 72.772 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:244 Resp: 1187381
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.4 11.0 16.4





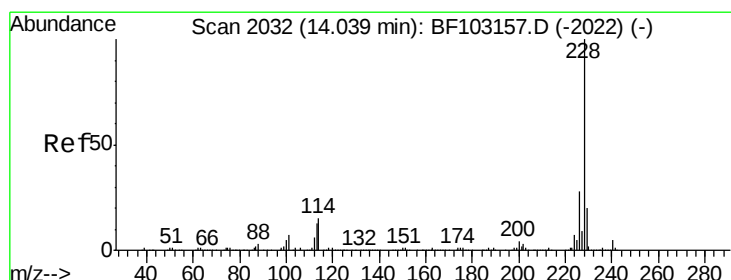
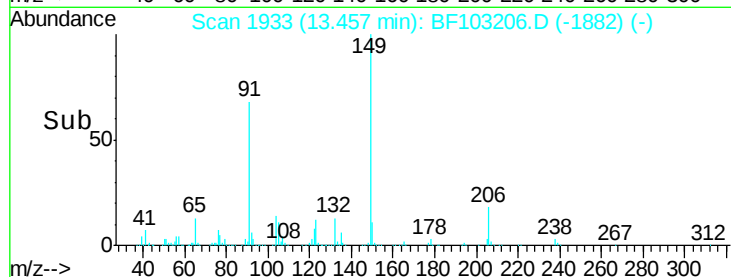
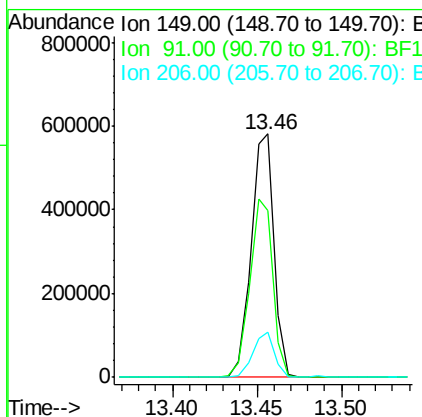
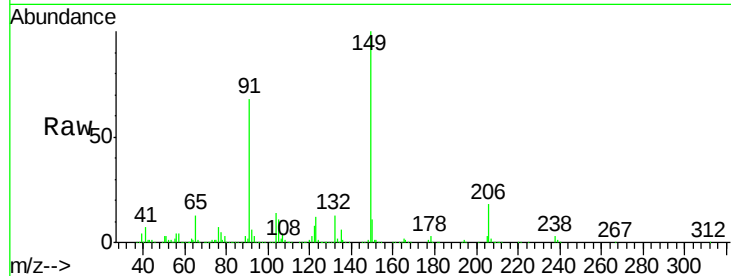
#79
Butylbenzylphthalate
Concen: 34.316 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	18.4	14.1	21.1

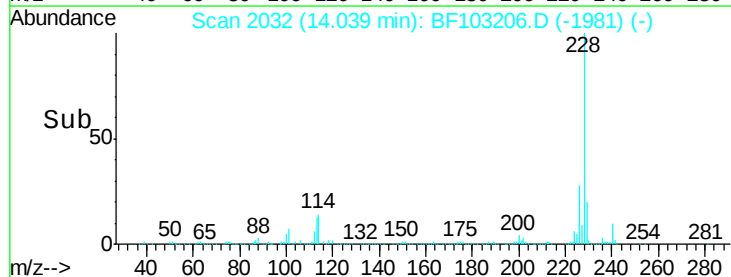
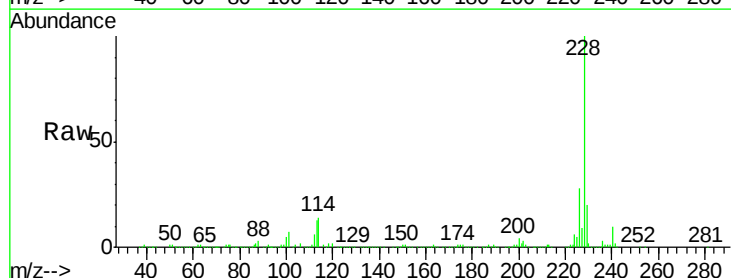
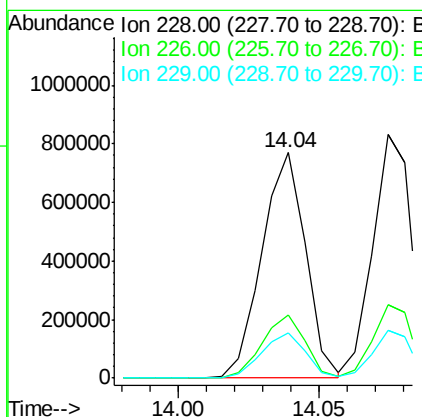
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#80
Benzo(a)anthracene
Concen: 32.451 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6





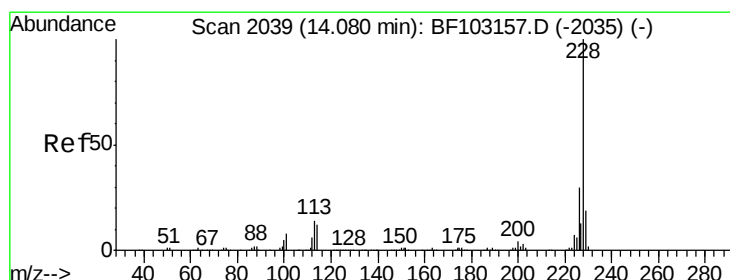
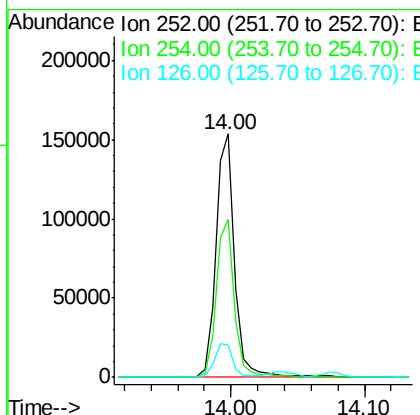
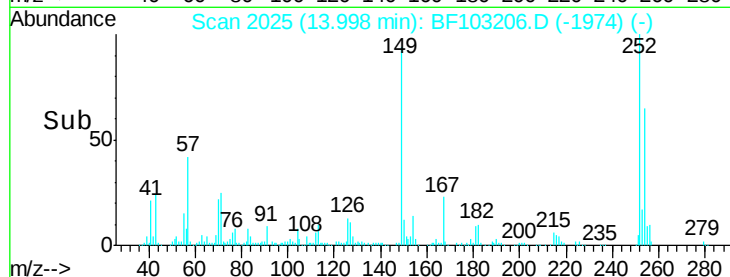
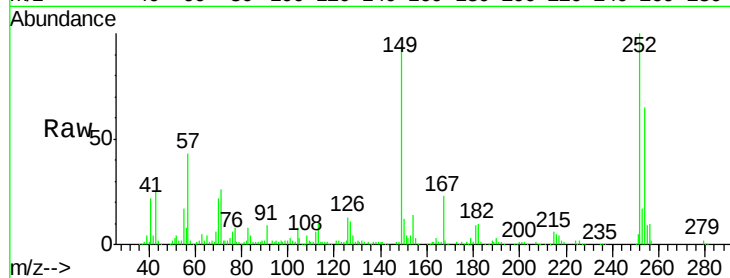
#81
 3,3'-Dichlorobenzidine
 Concen: 16.609 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	150851		
254	64.7	50.4	75.6	
126	13.4	11.3	16.9	

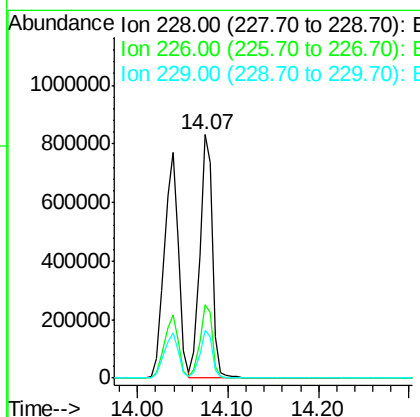
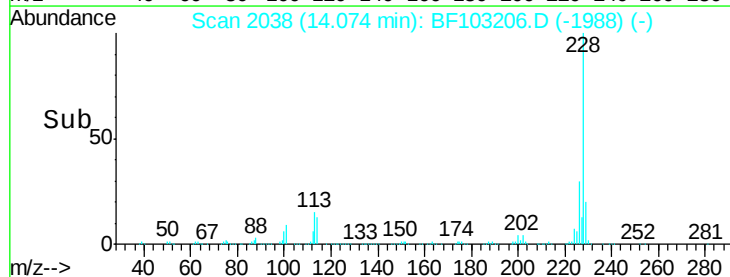
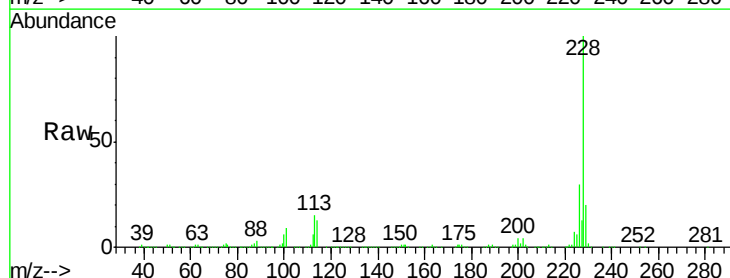
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#82
 Chrysene
 Concen: 32.521 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803601		
226	30.4	25.0	37.6	
229	19.7	16.2	24.4	





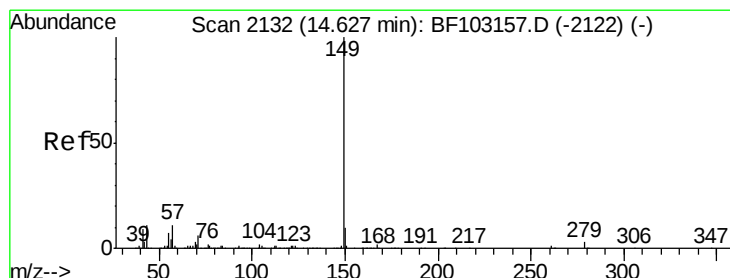
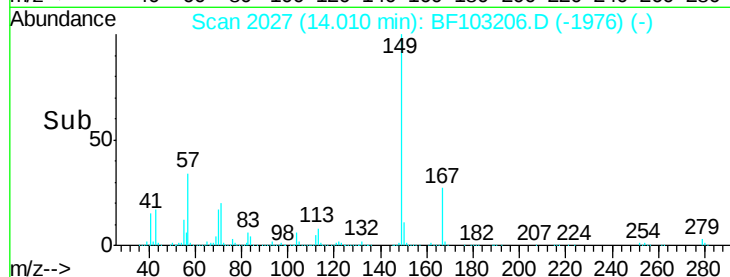
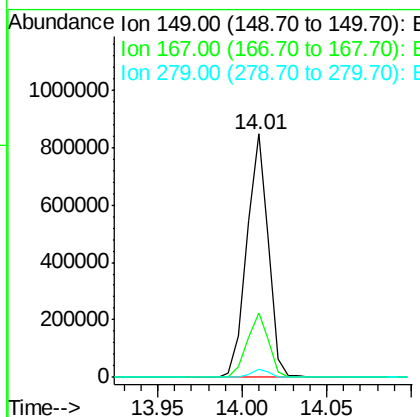
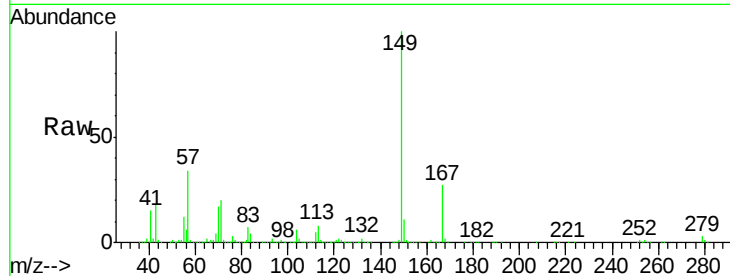
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.346 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleID :
 PB106745BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.3	3.0	4.4

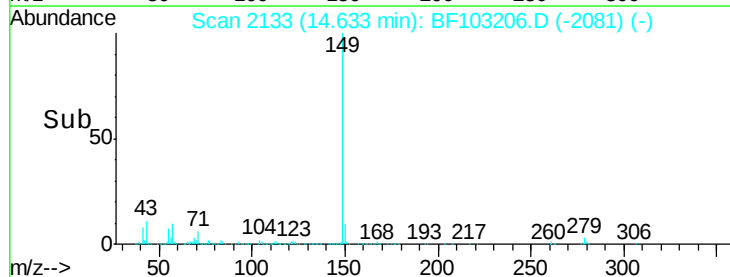
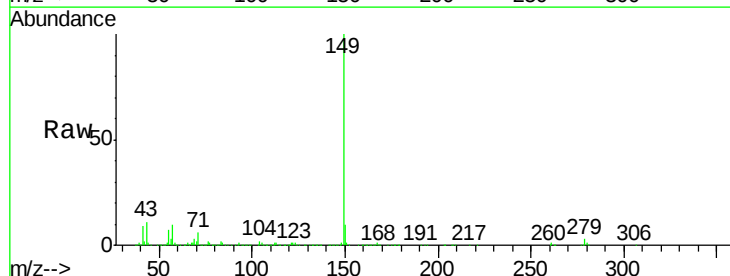
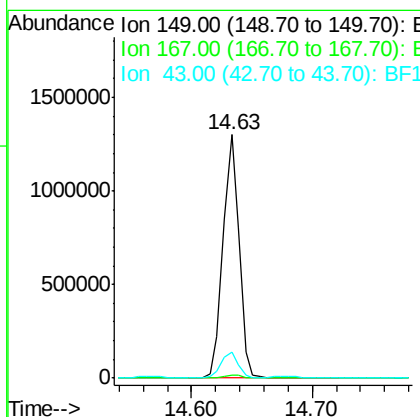
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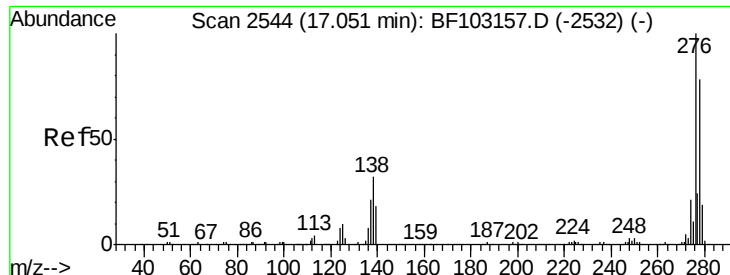
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#84
 Di-n-octyl phthalate
 Concen: 33.844 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6





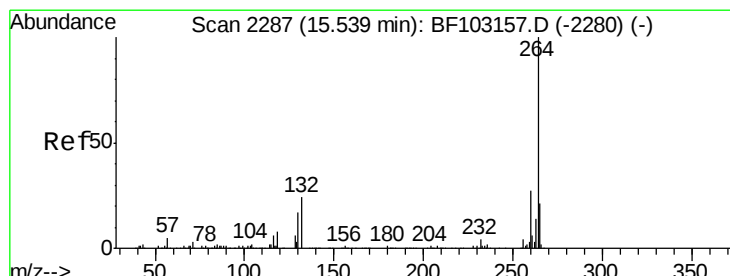
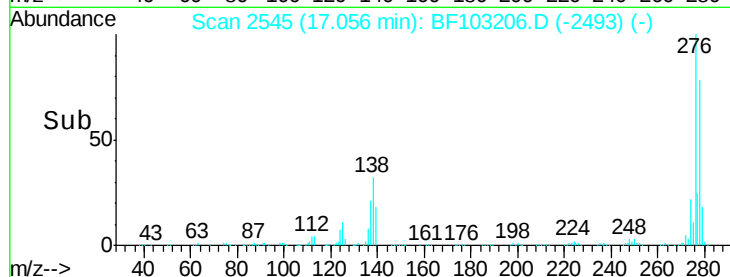
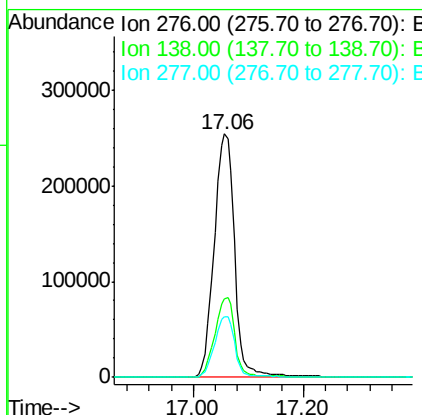
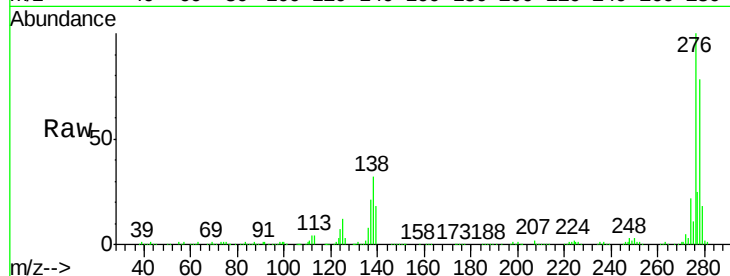
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.763 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	24.6	20.1	30.1

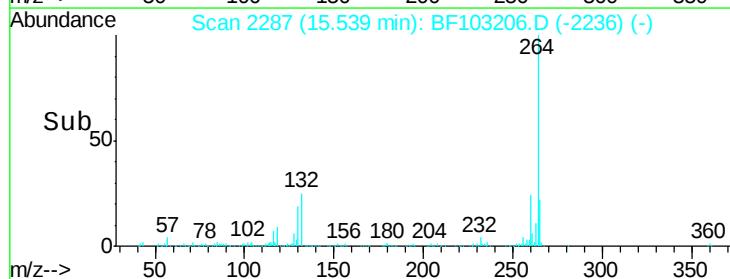
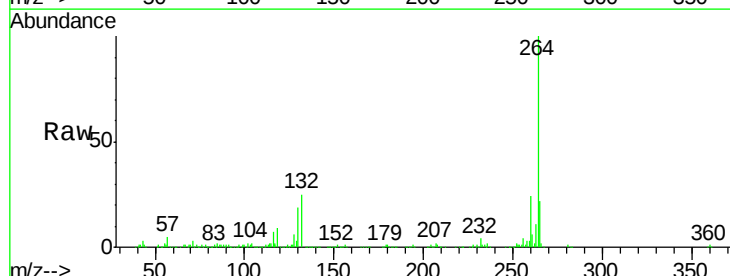
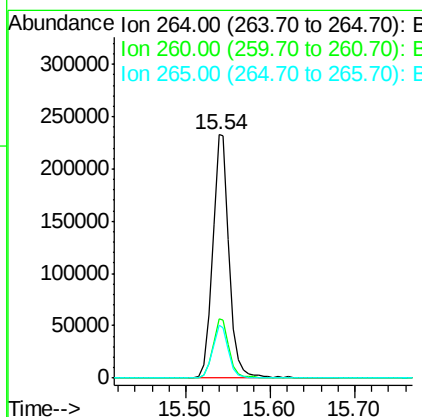
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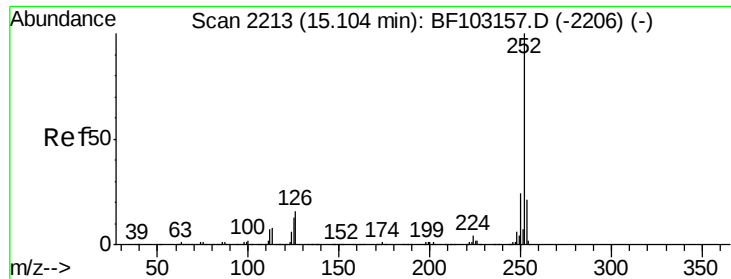
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3





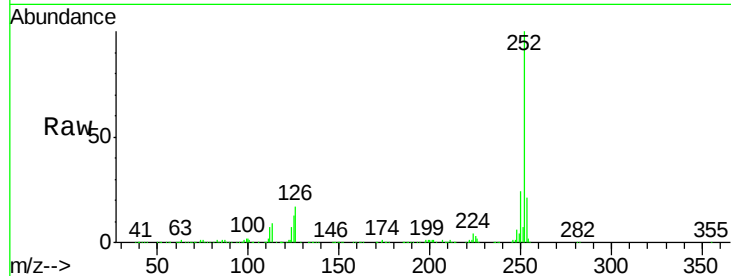
#87
Benzo(b)fluoranthene
Concen: 34.353 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
PB106745BS

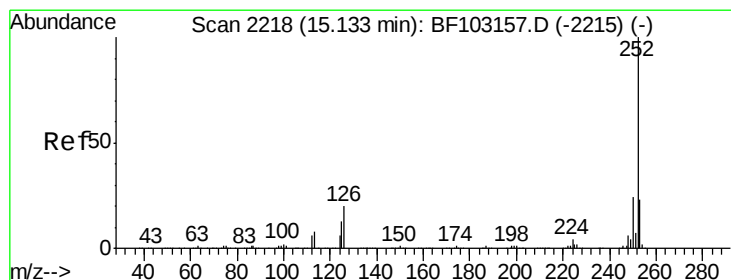
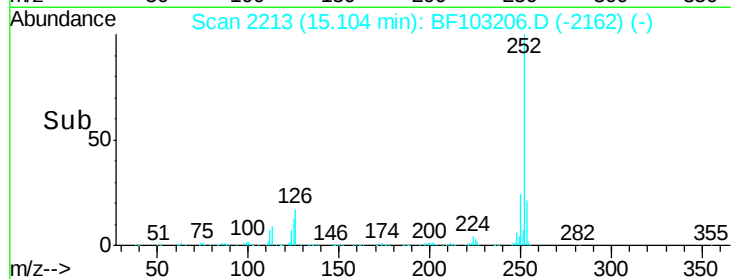
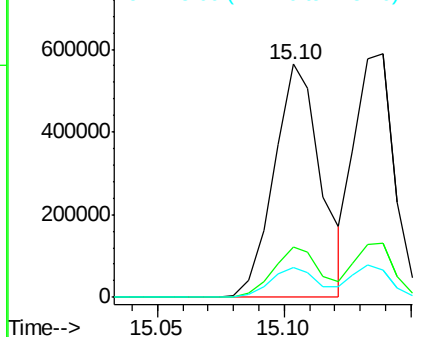
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.9	9.0	13.6

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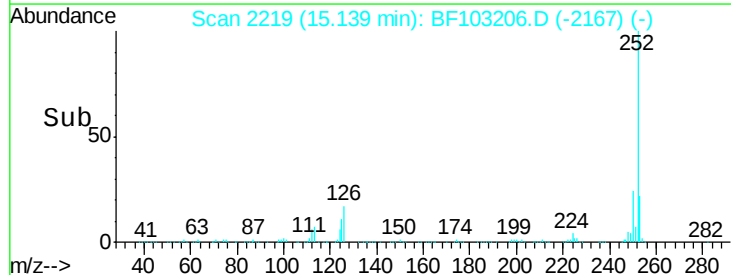
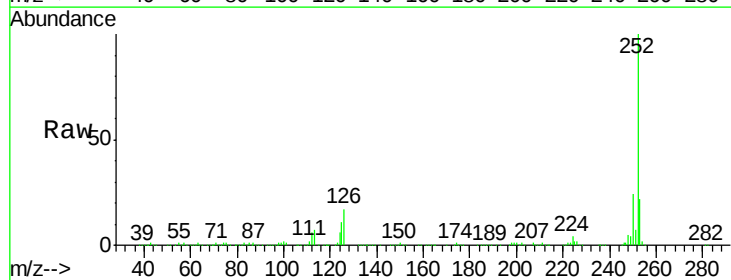
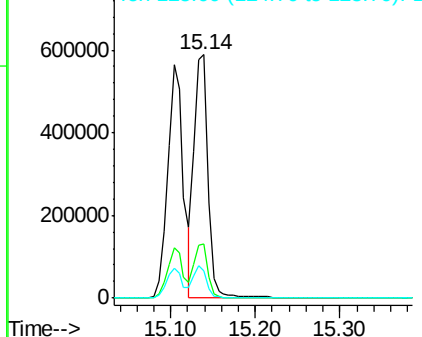
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

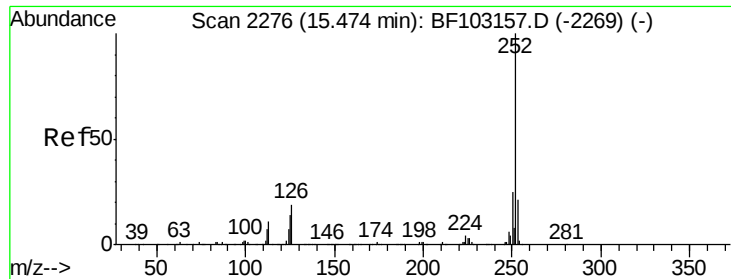


#88
Benzo(k)fluoranthene
Concen: 33.082 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.4	10.2	15.2

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





#89

Benzo(a)pyrene

Concen: 34.294 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

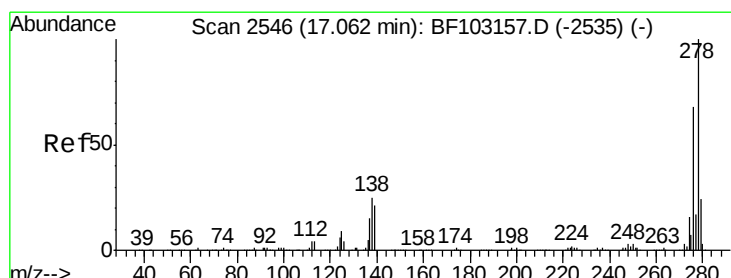
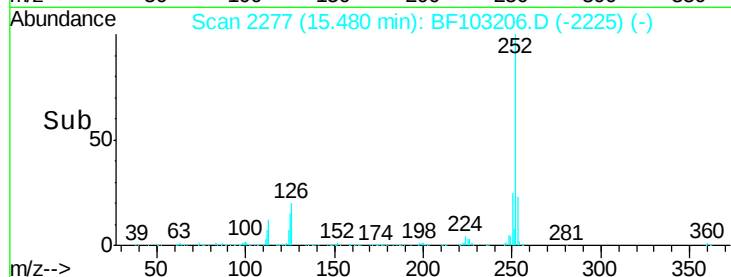
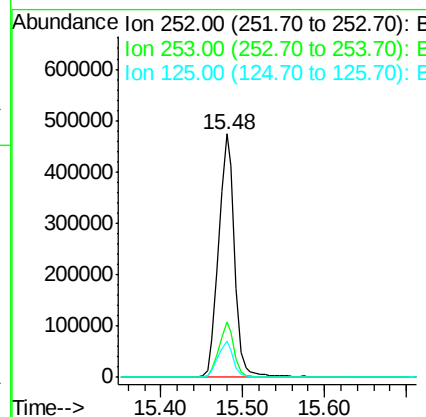
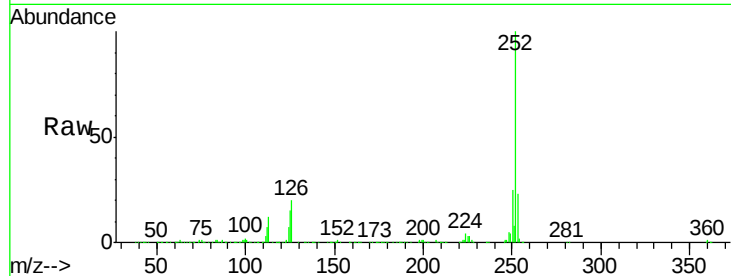
ClientSampleId :

PB106745BS

Tot Ion:	252	Resp:	648938
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	14.7	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 37.111 ng

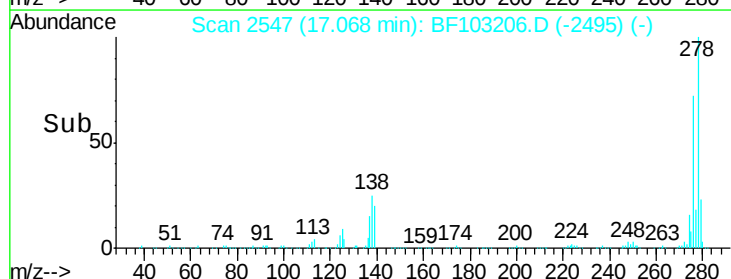
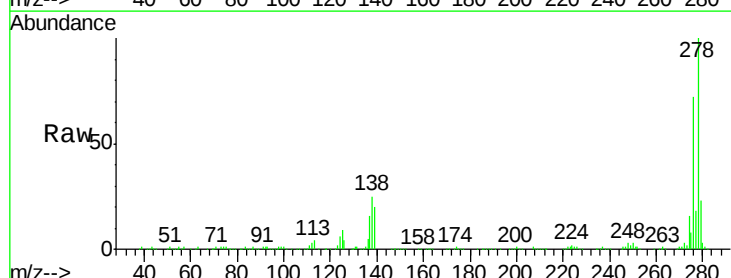
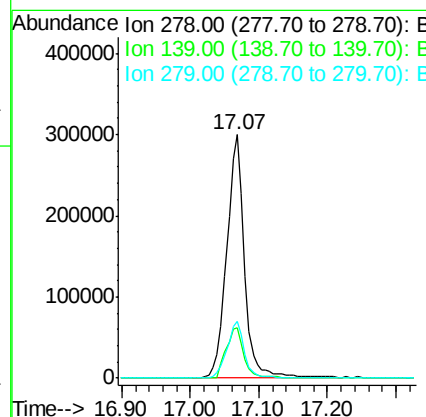
RT: 17.07 min Scan# 2547

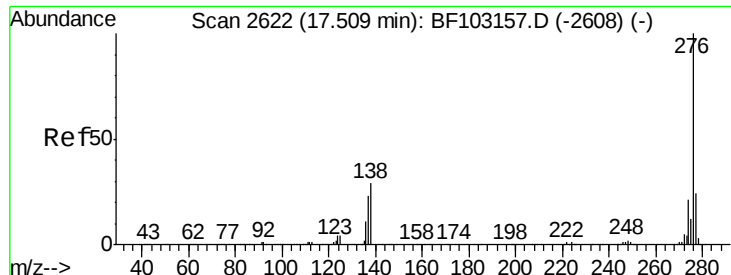
Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:	278	Resp:	542623
Ion Ratio	Lower	Upper	
278	100		
139	20.4	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.378 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	27.9	21.8	32.8

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