

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102846.D
 Acq On : 8 Feb 2018 10:47
 Operator : SJ/JU
 Sample : PB106358BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Manual Integrations
 APPROVED

Sohil
 2/9/2018 4:33:21 PM

Quant Time: Feb 08 14:00:42 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	183399	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	778014	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	352208	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	584861	20.00	ng	0.00
75) Chrysene-d12	14.06	240	334770	20.00	ng	0.00
86) Perylene-d12	15.53	264	315496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1440236	119.26	ng	0.02
7) Phenol-d6	6.52	99	1759334	120.99	ng	0.01
23) Nitrobenzene-d5	7.45	82	1151865	102.70	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	331410	116.91	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1742146	82.08	ng	0.00
78) Terphenyl-d14	13.00	244	1382795	97.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	239555	40.162	ng	90
3) Pyridine	3.52	79	704382	42.743	ng	93
4) n-Nitrosodimethylamine	3.46	42	370556	52.554	ng	90
6) Aniline	6.55	93	428290	19.945	ng	96
8) 2-Chlorophenol	6.67	128	543649	43.727	ng	97
9) Benzaldehyde	6.43	77	184027	17.042	ng	95
10) Phenol	6.53	94	717136	46.020	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	555094	42.809	ng	91
12) 1,3-Dichlorobenzene	6.83	146	564484	39.208	ng	97
13) 1,4-Dichlorobenzene	6.90	146	578486	40.336	ng	99
14) 1,2-Dichlorobenzene	7.06	146	522901	39.145	ng	99
15) Benzyl Alcohol	7.03	79	520970	46.601	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	967854	39.292	ng	100
17) 2-Methylphenol	7.13	107	489009	42.641	ng	98
18) Hexachloroethane	7.40	117	216879	44.100	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	390869	40.771	ng	93
20) 3+4-Methylphenols	7.29	107	563066	39.815	ng	# 79
22) Acetophenone	7.29	105	752586	39.529	ng	# 87
24) Nitrobenzene	7.47	77	634929	48.134	ng	97
25) Isophorone	7.70	82	1174412	45.476	ng	97
26) 2-Nitrophenol	7.78	139	305712	54.888	ng	92
27) 2,4-Dimethylphenol	7.82	122	529730	48.552	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	701853	45.877	ng	100
29) 2,4-Dichlorophenol	8.02	162	450295	45.400	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	438213	39.055	ng	100
31) Naphthalene	8.19	128	1531664	40.294	ng	100
32) Benzoic acid	7.94	122	354734	46.585	ng	98
33) 4-Chloroaniline	8.23	127	166202	10.150	ng	96
34) Hexachlorobutadiene	8.30	225	224616	39.066	ng	99
35) Caprolactam	8.62	113	162021m	47.037	ng	
36) 4-Chloro-3-methylphenol	8.72	107	525691	47.172	ng	99
37) 2-Methylnaphthalene	8.88	142	1020871	41.020	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	375925	39.200	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	406529	89.173	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	286831	45.536	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	308645	43.474	ng	97
45) 1,1'-Biphenyl	9.35	154	1153610	38.887	ng	99
46) 2-Chloronaphthalene	9.37	162	926230	39.659	ng	99
47) 2-Nitroaniline	9.47	65	373881	51.599	ng	90
48) Acenaphthylene	9.79	152	1422611	39.219	ng	99
49) Dimethylphthalate	9.65	163	1090452	39.707	ng	100
50) 2,6-Dinitrotoluene	9.71	165	239680	45.874	ng	92
51) Acenaphthene	9.96	154	839376	38.694	ng	99
52) 3-Nitroaniline	9.87	138	161069	25.054	ng	95
53) 2,4-Dinitrophenol	9.99	184	185974	94.105	ng	# 19
54) Dibenzofuran	10.13	168	1237970	40.495	ng	96
55) 4-Nitrophenol	10.04	139	424214	80.282	ng	# 87
56) 2,4-Dinitrotoluene	10.11	165	331751	47.386	ng	# 85
57) Fluorene	10.47	166	923800	41.532	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	222093m	45.135	ng	
59) Diethylphthalate	10.34	149	1081428	39.881	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	402685	40.925	ng	97
61) 4-Nitroaniline	10.49	138	259083	42.339	ng	98
62) Azobenzene	10.63	77	1175496	43.393	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	128886	51.586	ng	94
65) n-Nitrosodiphenylamine	10.59	169	836173	40.532	ng	100
66) 4-Bromophenyl-phenylether	10.96	248	251452	40.644	ng	95
67) Hexachlorobenzene	11.02	284	265340	38.877	ng	98
68) Atrazine	11.11	200	257422	42.297	ng	98
69) Pentachlorophenol	11.22	266	266474	66.511	ng	98
70) Phenanthrene	11.44	178	1290264	39.612	ng	100
71) Anthracene	11.49	178	1358989	41.020	ng	99
72) Carbazole	11.64	167	1231820	37.953	ng	99
73) Di-n-butylphthalate	11.97	149	1631010	41.368	ng	99
74) Fluoranthene	12.63	202	1245253	37.997	ng	99
76) Benzidine	12.74	184	198459	12.899	ng	99
77) Pyrene	12.86	202	1238759	47.189	ng	100
79) Butylbenzylphthalate	13.47	149	601278	47.887	ng	98
80) Benzo(a)anthracene	14.04	228	910585	43.250	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	216270	27.705	ng	97
82) Chrysene	14.08	228	840268	39.592	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	769823	47.871	ng	# 99
84) Di-n-octyl phthalate	14.63	149	1134283	46.975	ng	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	959180	54.492	ng	99
87) Benzo(b)fluoranthene	15.10	252	778568	38.063	ng	98
88) Benzo(k)fluoranthene	15.13	252	774020	39.603	ng	100
89) Benzo(a)pyrene	15.47	252	772424	41.953	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	796494	53.298	ng	97
91) Benzo(g,h,i)perylene	17.50	276	847045	57.908	ng	98

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

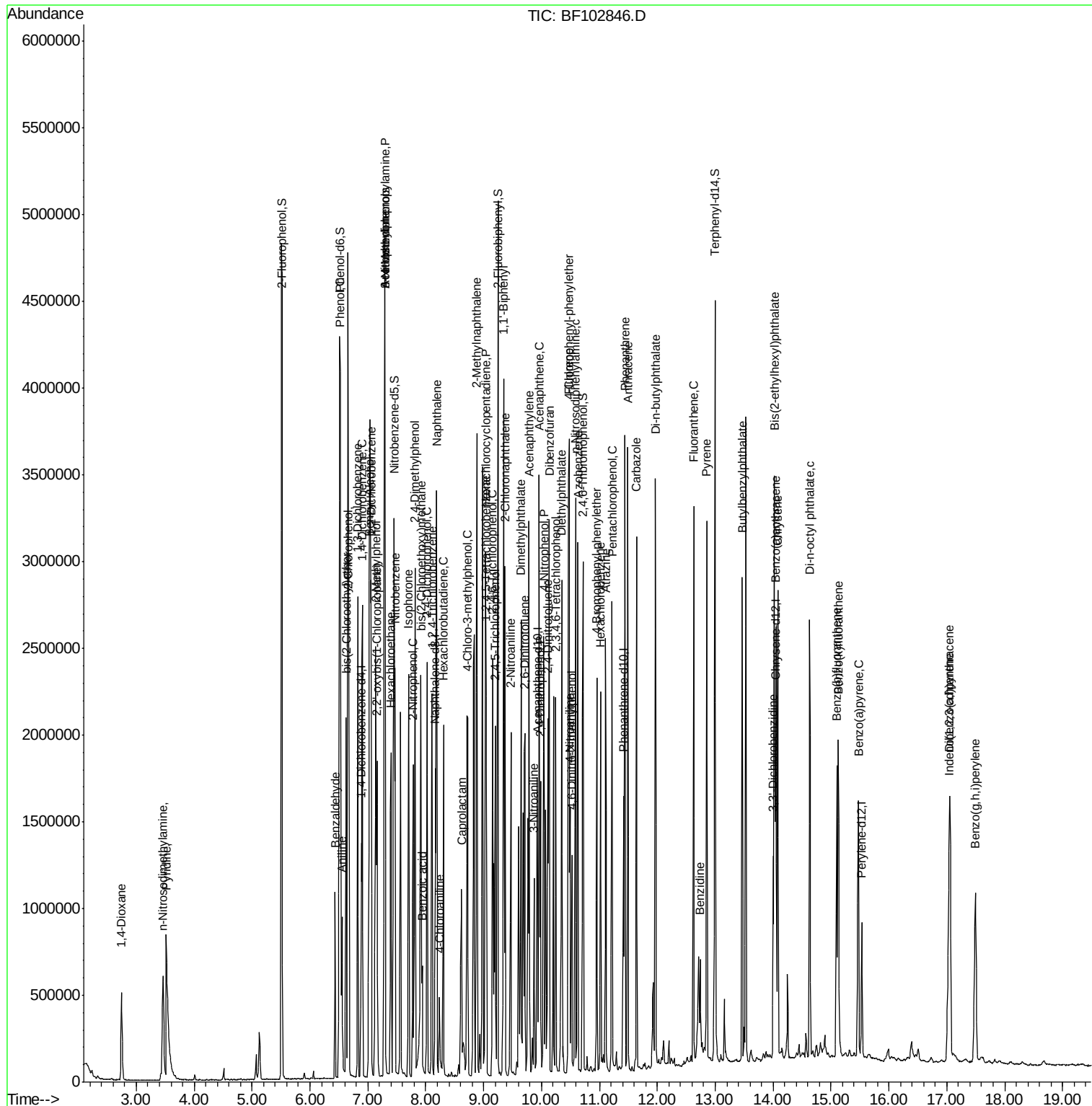
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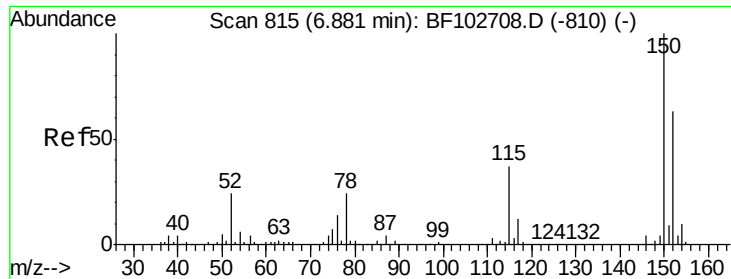
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BNA_F
ClientSampleId :
PB106358BS

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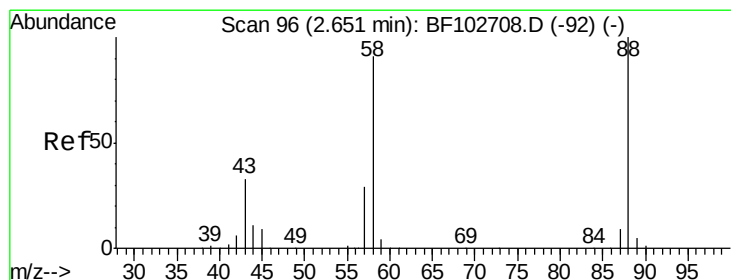
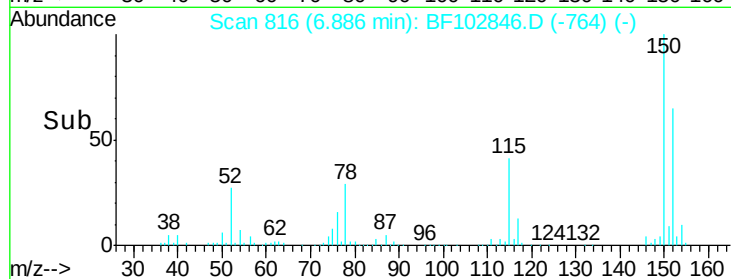
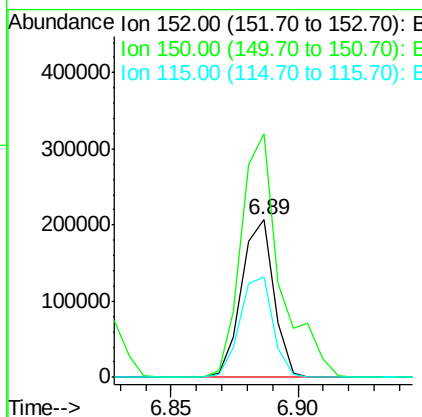
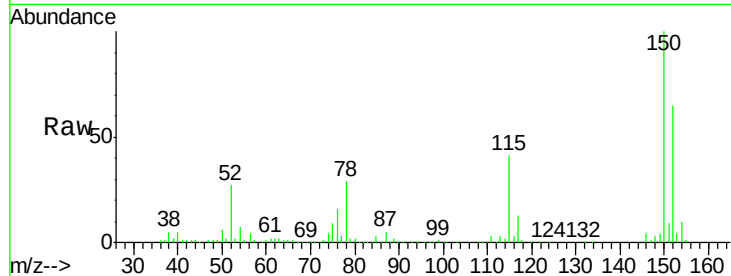
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	63.7	50.1	75.1

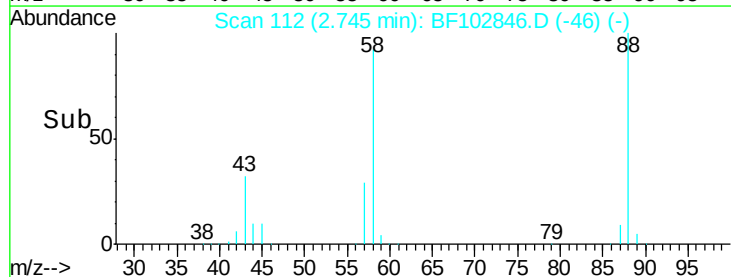
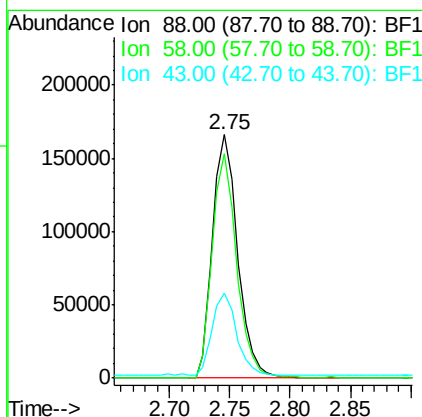
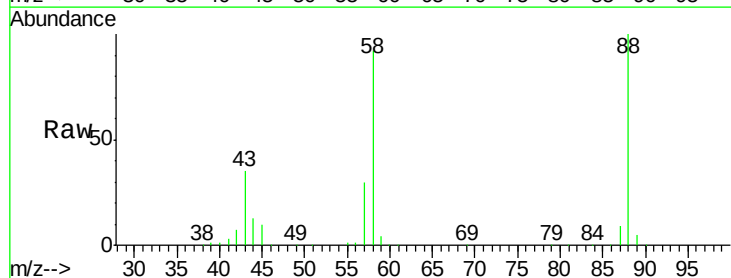
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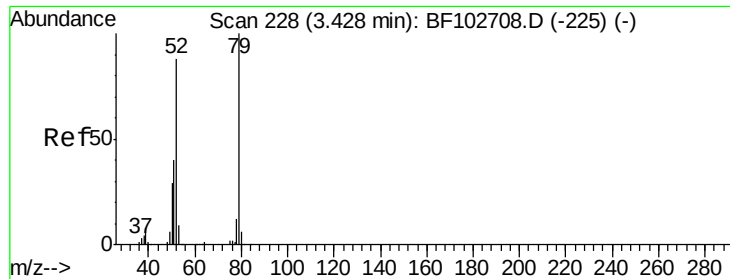
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#2
 1,4-Dioxane
 Concen: 40.162 ng
 RT: 2.75 min Scan# 112
 Delta R.T. 0.09 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	62.6	93.8
43	32.1	24.6	37.0





#3

Pyridine

Concen: 42.743 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

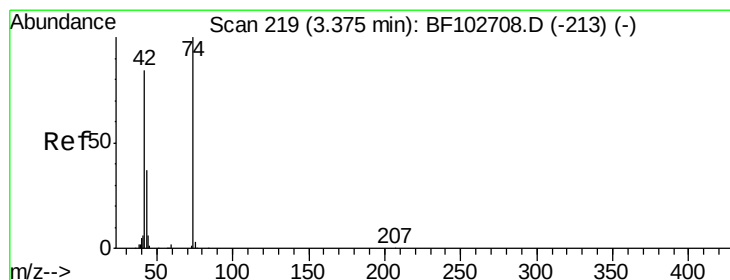
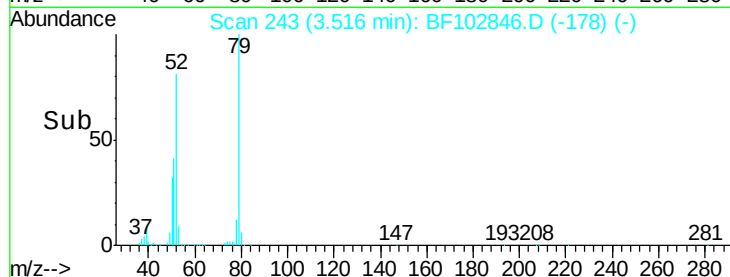
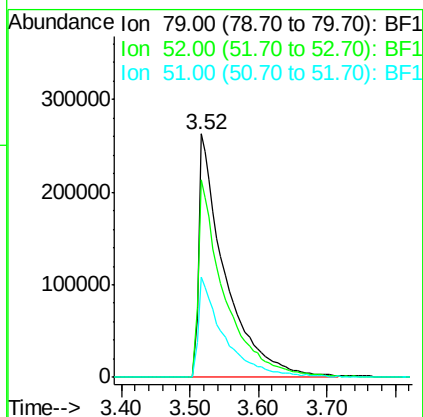
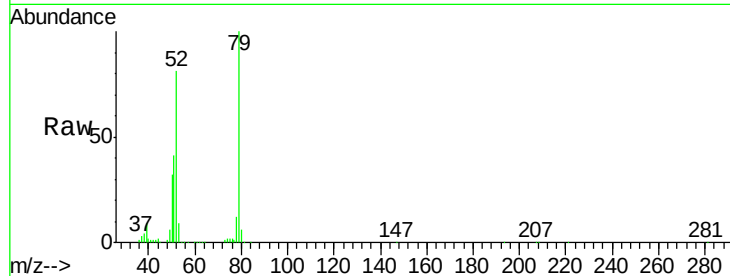
ClientSampleId :

PB106358BS

Tgt Ion:	79	Resp:	704382
Ion Ratio	Lower	Upper	
79	100		
52	81.3	59.8	89.6
51	41.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 52.554 ng

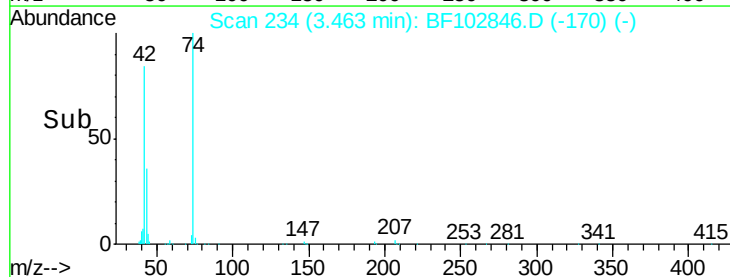
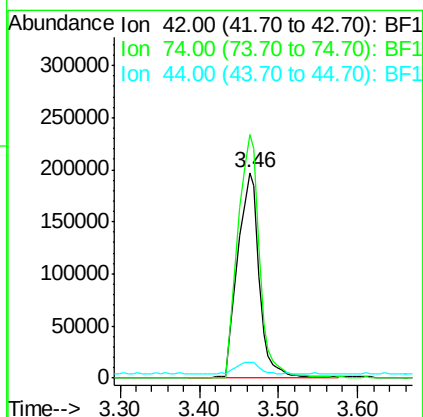
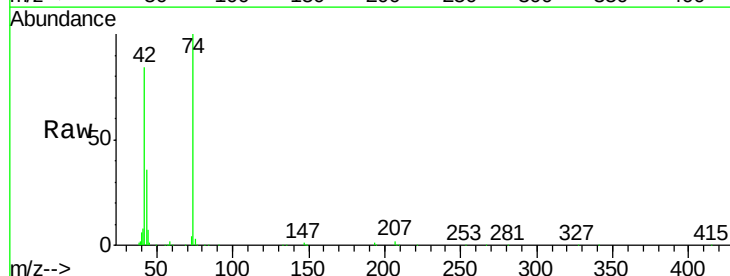
RT: 3.46 min Scan# 234

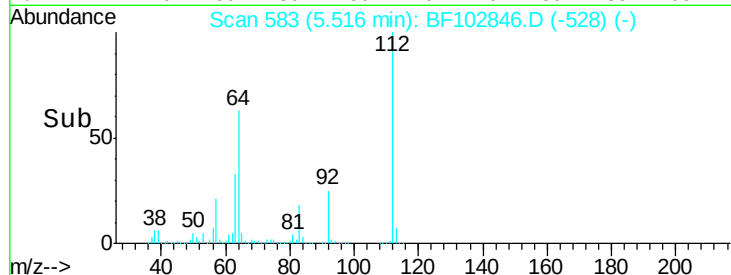
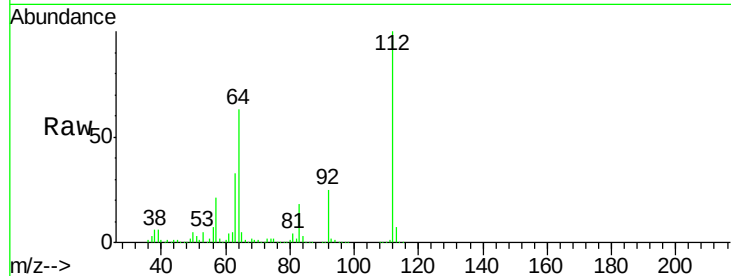
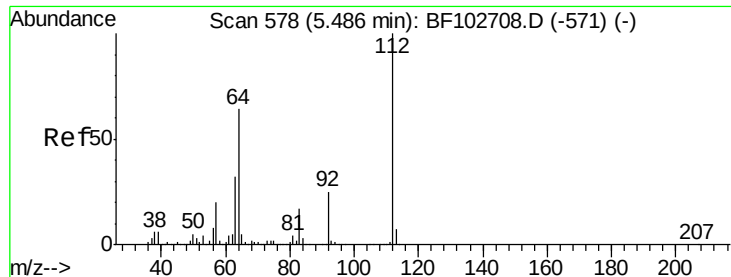
Delta R.T. 0.08 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	42	Resp:	370556
Ion Ratio	Lower	Upper	
42	100		
74	118.3	104.9	157.3
44	7.9	6.9	10.3





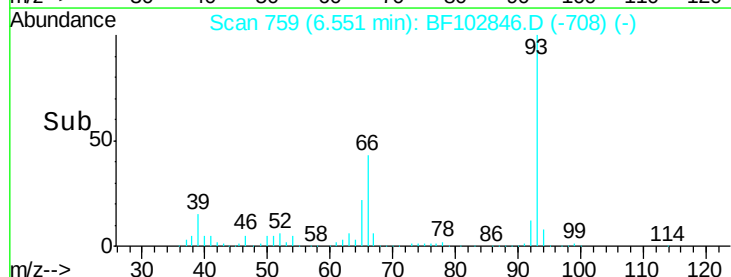
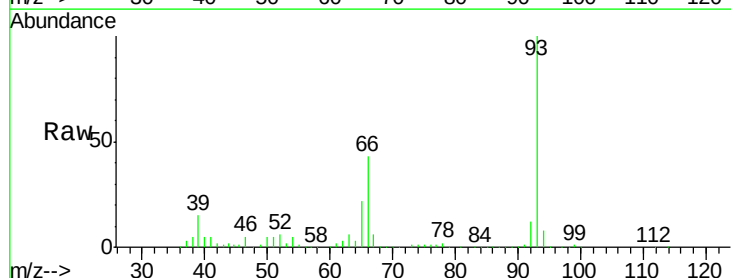
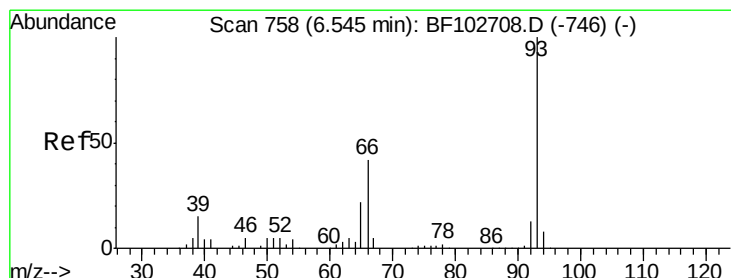
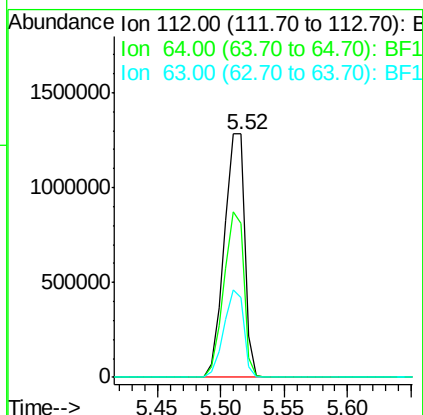
#5
2-Fluorophenol
Concen: 119.261 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 112 Resp: 1440236
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.7 23.7 35.5

Instrument :
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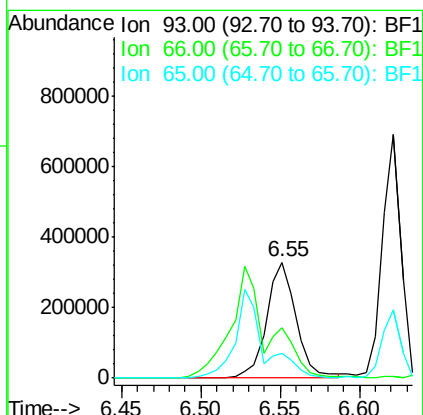
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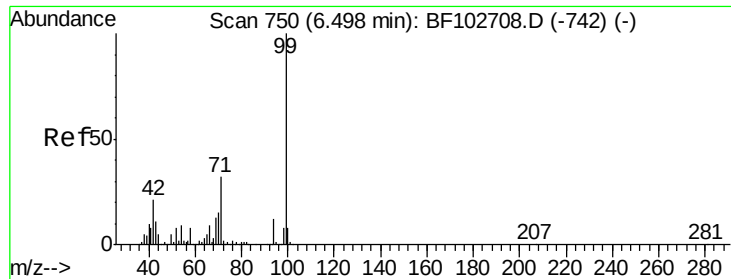
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#6
Aniline
Concen: 19.945 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 93 Resp: 428290
Ion Ratio Lower Upper
93 100
66 43.2 32.2 48.2
65 21.5 16.4 24.6





#7

Phenol-d6

Concen: 120.994 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

PB106358BS

Tgt Ion: 99 Resp: 1759334

Ion Ratio Lower Upper

99 100

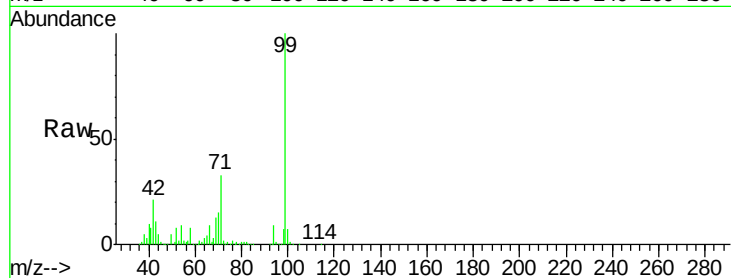
42 21.0 14.5 21.7

71 33.4 25.4 38.0

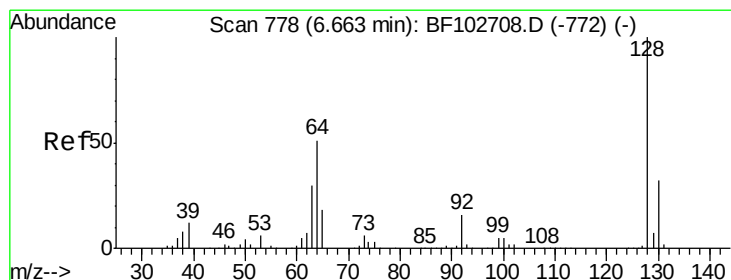
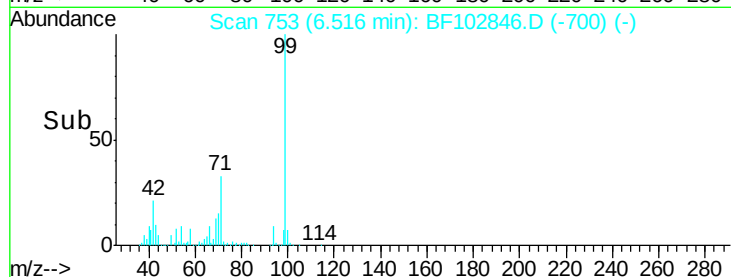
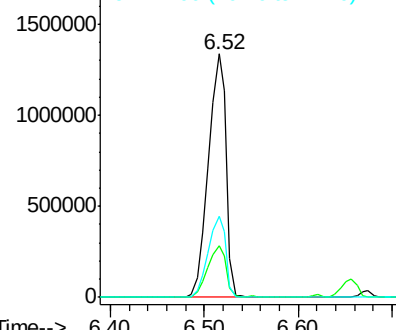
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.727 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

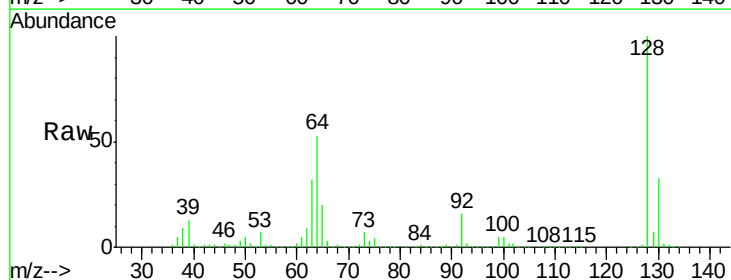
Tgt Ion: 128 Resp: 543649

Ion Ratio Lower Upper

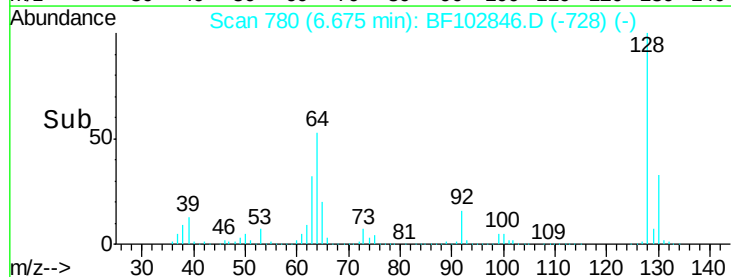
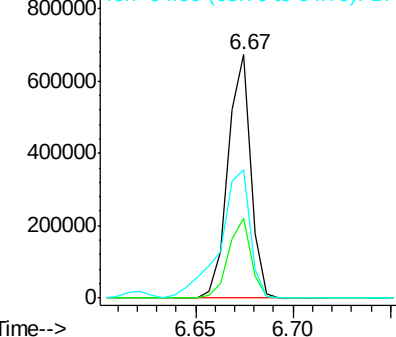
128 100

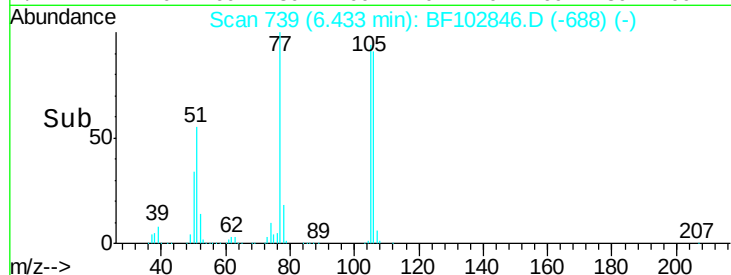
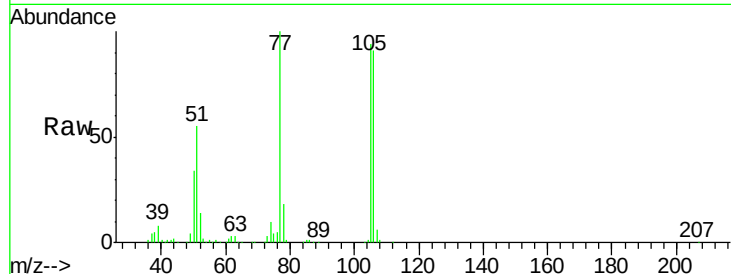
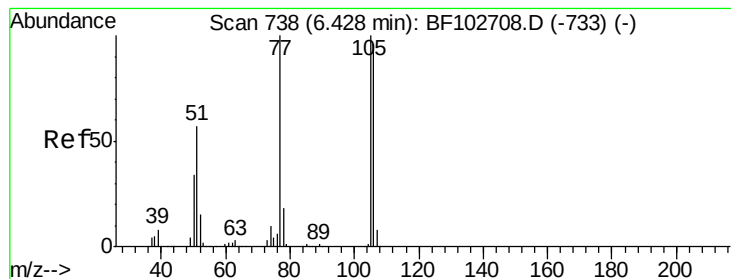
130 33.0 13.0 53.0

64 52.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 17.042 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	77	Resp:	184027
Ion	Ratio	Lower	Upper
77	100		
105	94.1	81.1	121.1
106	91.1	74.5	114.5

Instrument :

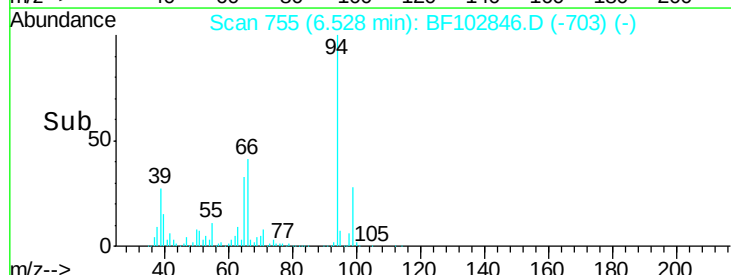
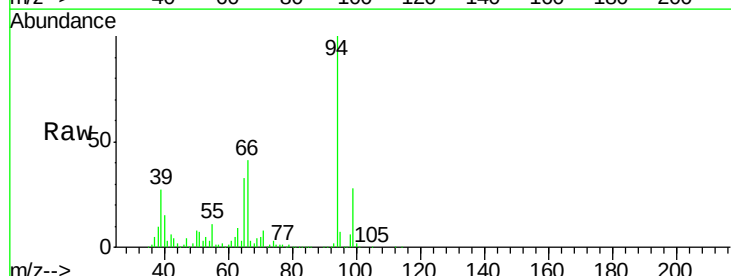
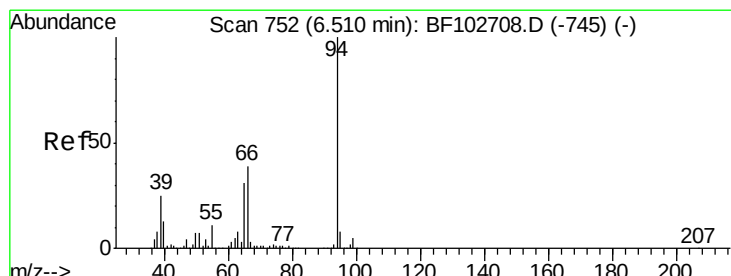
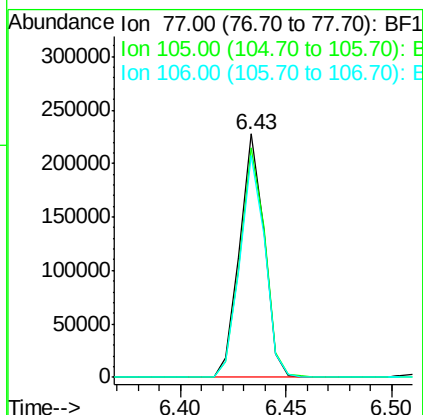
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 46.020 ng

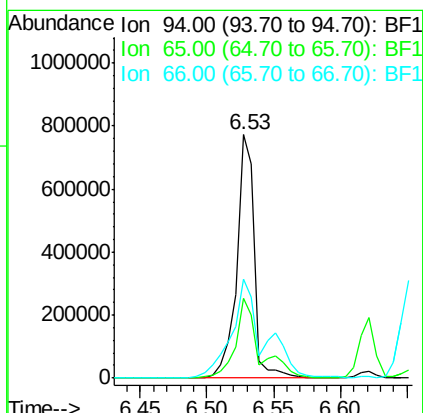
RT: 6.53 min Scan# 755

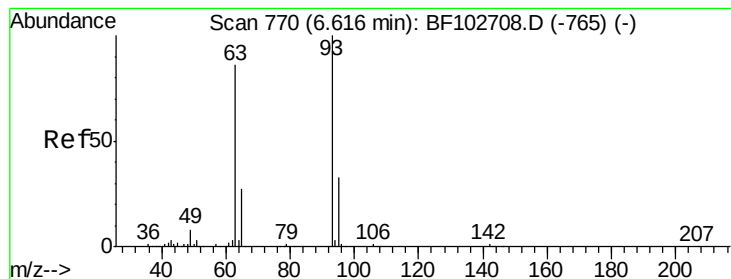
Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	94	Resp:	717136
Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	40.9	16.2	56.2





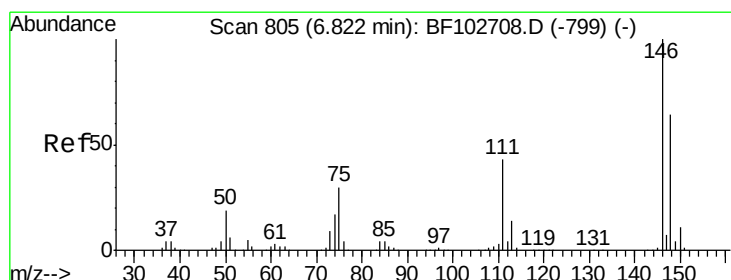
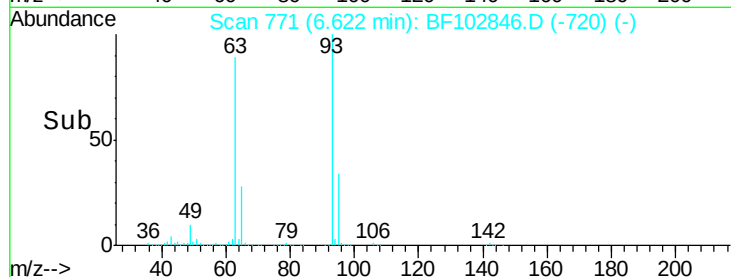
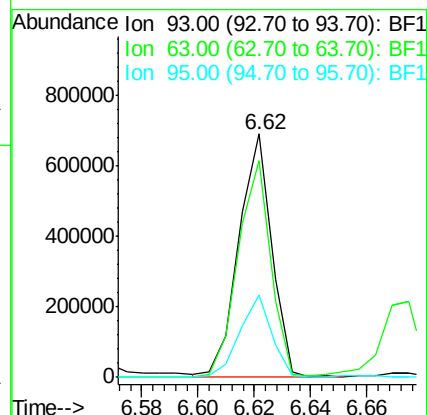
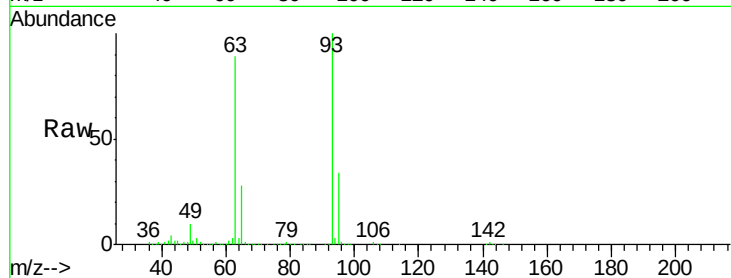
#11
bis(2-Chloroethyl)ether
Concen: 42.809 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.9	58.6	98.6
95	33.6	11.8	51.8

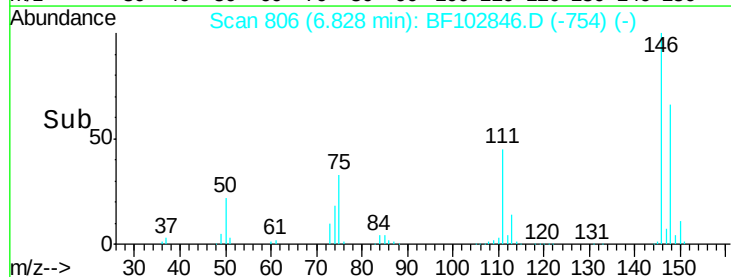
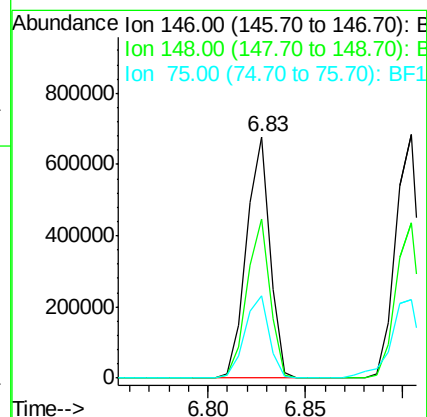
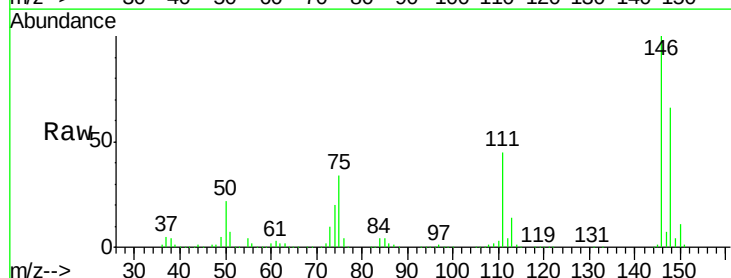
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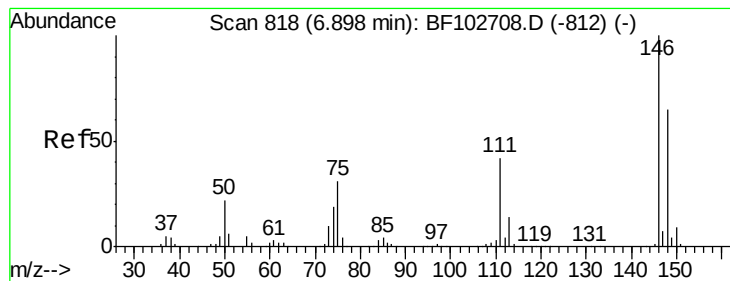
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.208 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	33.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.336 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

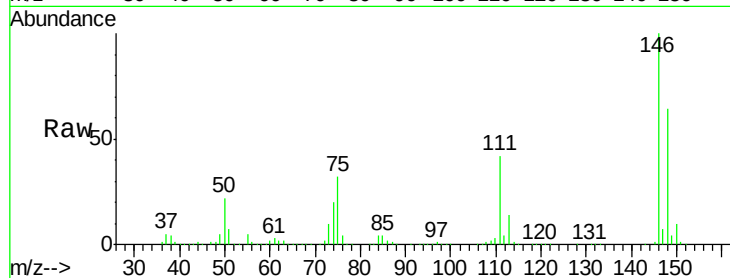
ClientSampleId :

PB106358BS

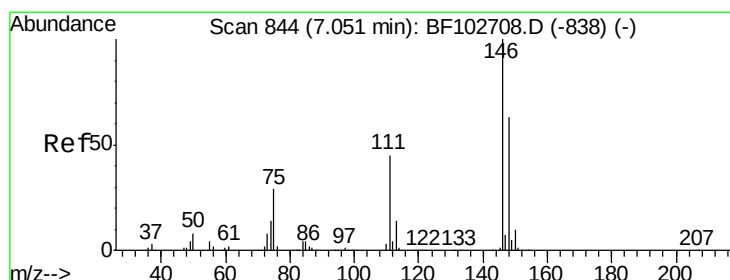
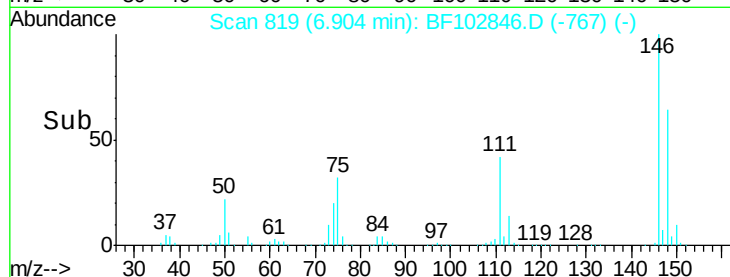
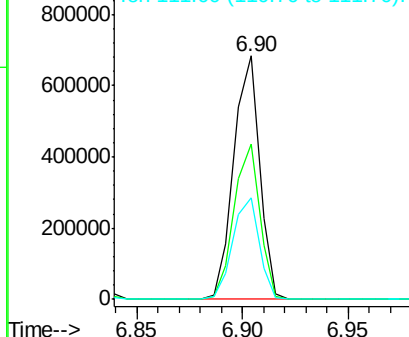
Tgt Ion:	146	Resp:	578486
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.8	76.2
111	41.7	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.145 ng

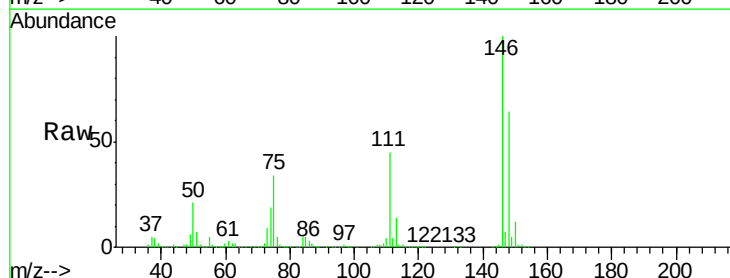
RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

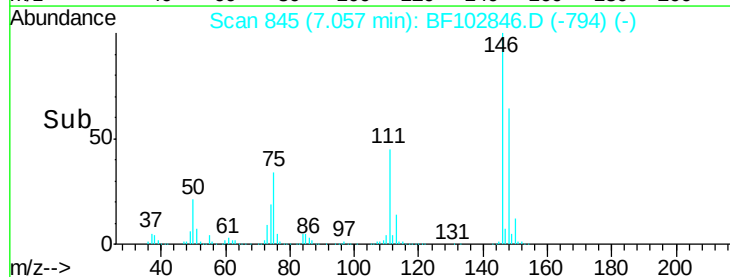
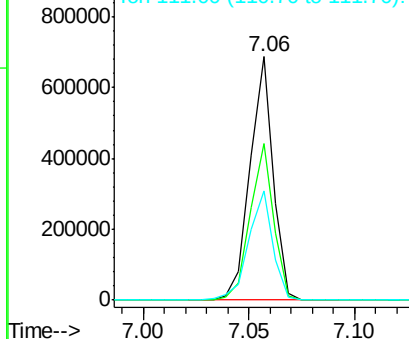
Lab File: BF102846.D

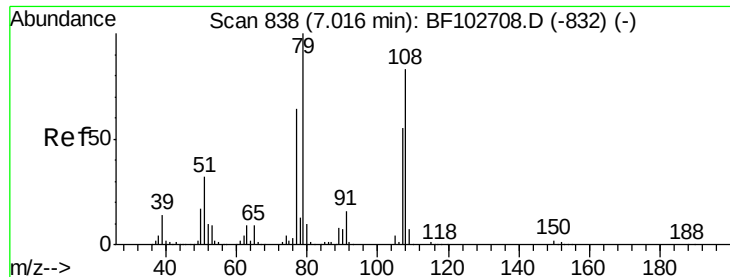
Acq: 8 Feb 2018 10:47

Tgt Ion:	146	Resp:	522901
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	45.0	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





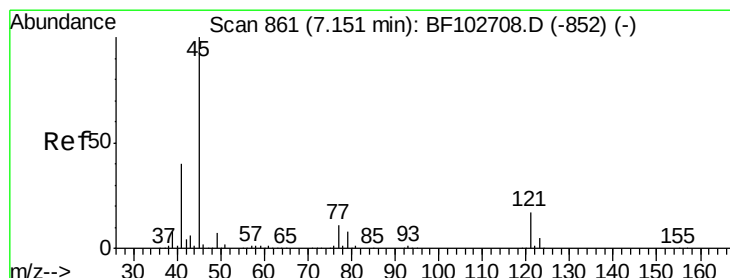
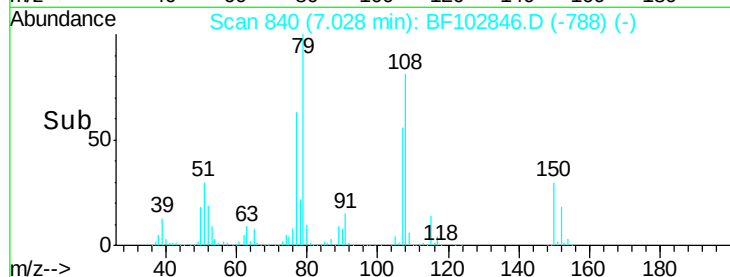
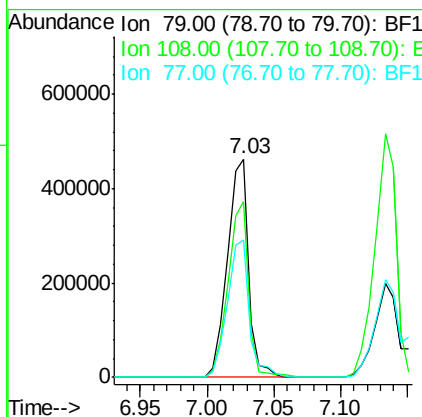
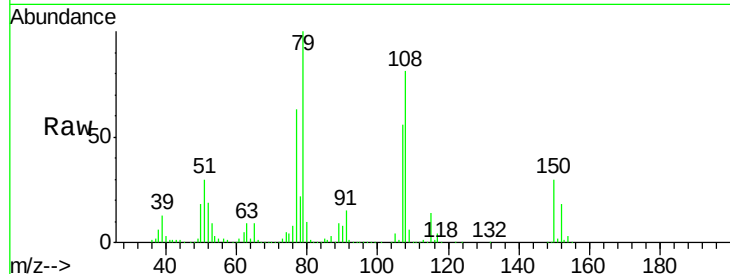
#15
Benzyl Alcohol
Concen: 46.601 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	520970		
108	80.6	65.1	97.7	
77	63.0	50.6	75.8	

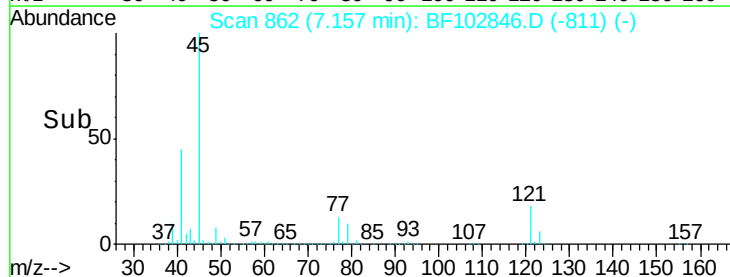
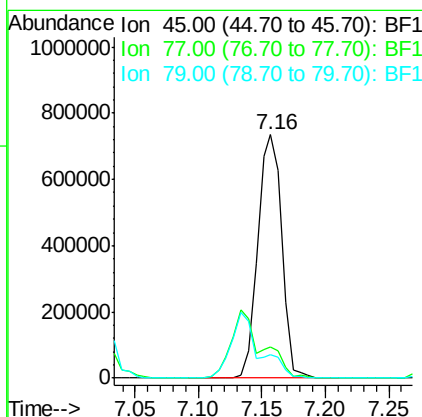
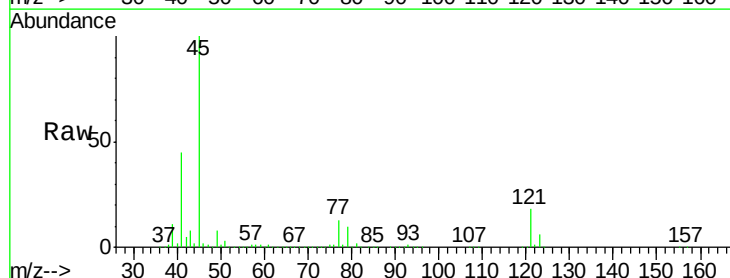
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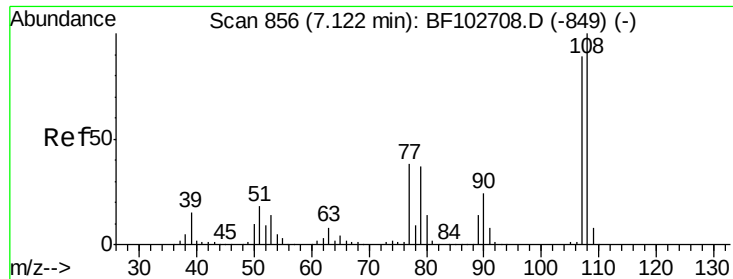
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.292 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	967854		
77	12.7	0.0	32.9	
79	9.8	0.0	29.6	





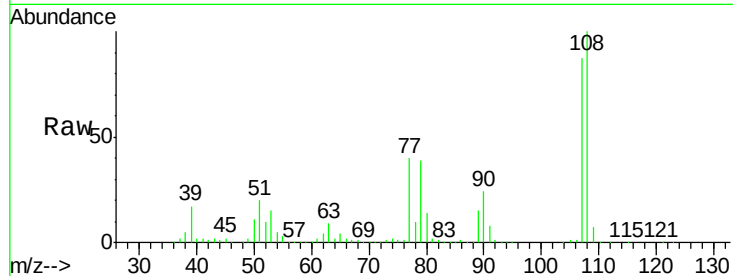
#17
2-Methylphenol
Concen: 42.641 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

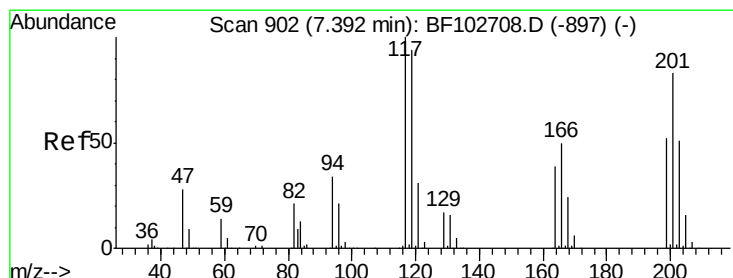
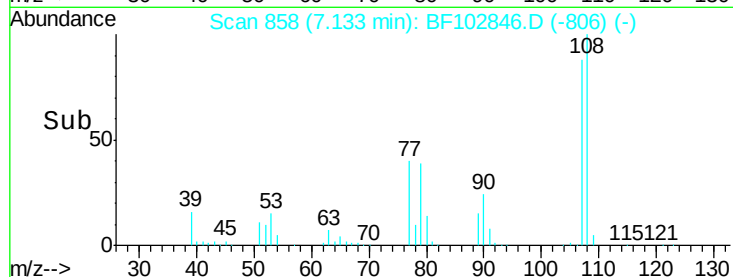
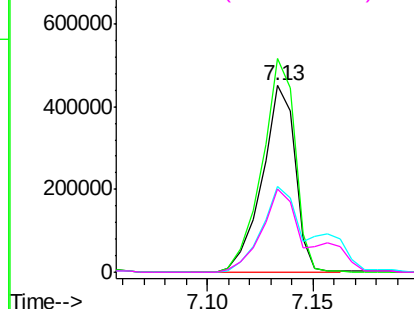
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	489009		
108	114.5	91.7	137.5	
77	45.9	33.8	50.8	
79	44.3	33.8	50.8	

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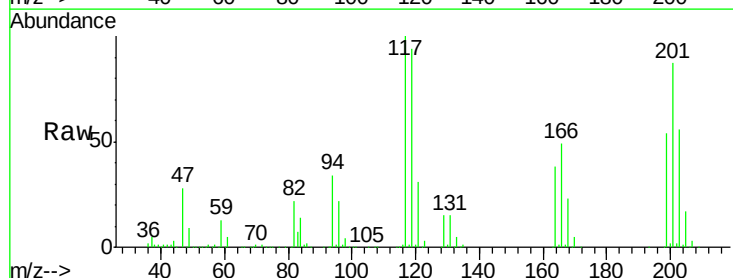


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

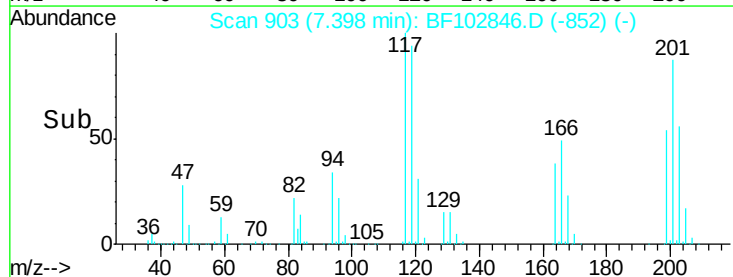
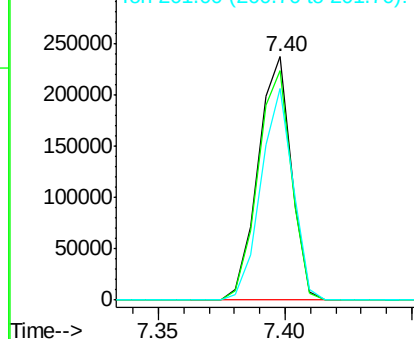


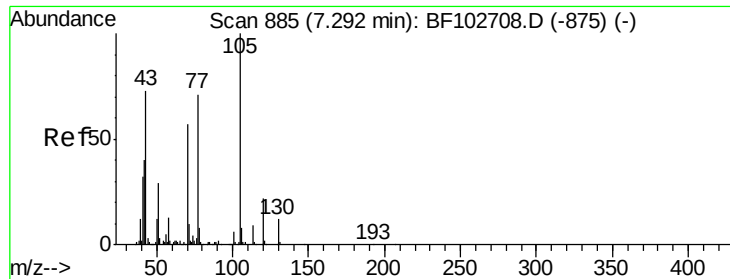
#18
Hexachloroethane
Concen: 44.100 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	216879		
119	94.4	75.8	113.8	
201	86.8	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
250000
Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0





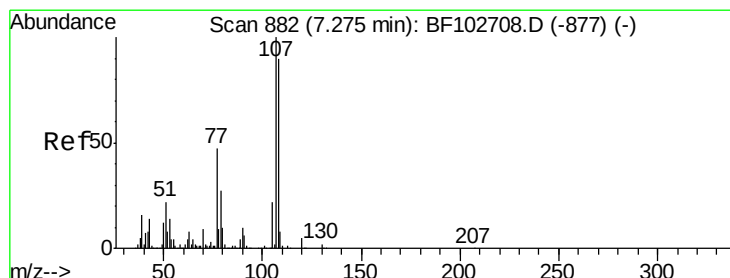
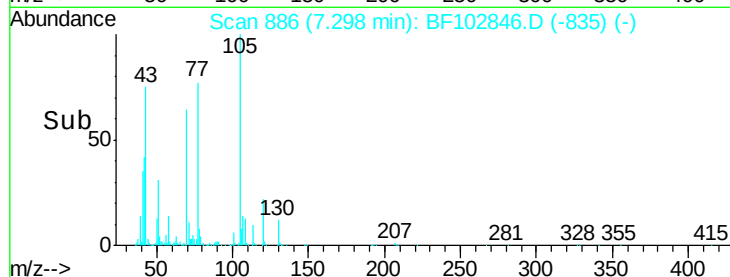
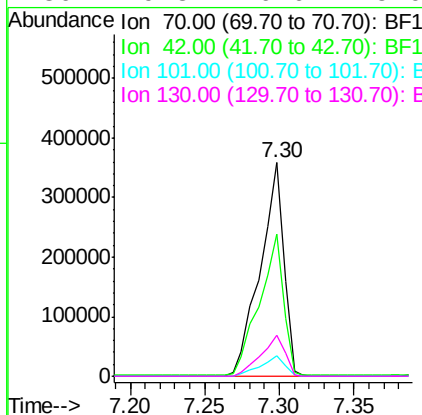
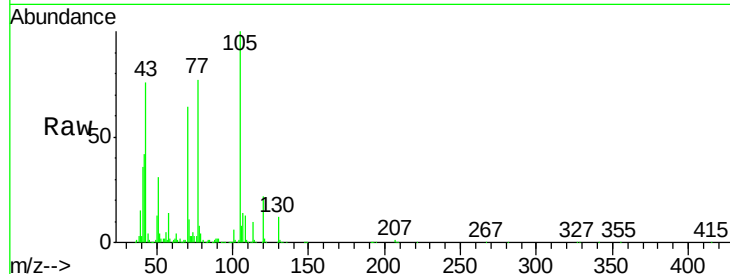
#19
n-Nitroso-di-n-propylamine
Concen: 40.771 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	390869		
42	66.6	47.5	71.3	
101	9.5	7.4	11.2	
130	19.3	16.6	25.0	

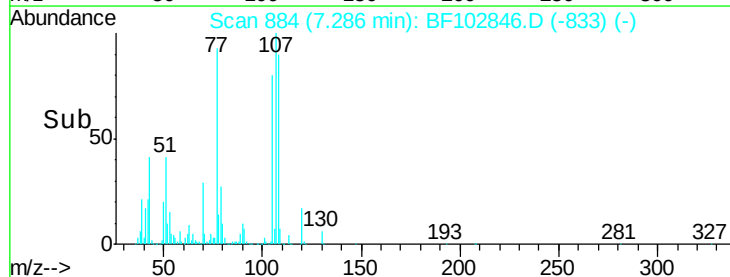
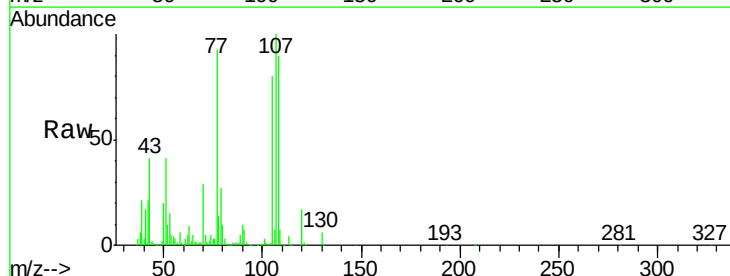
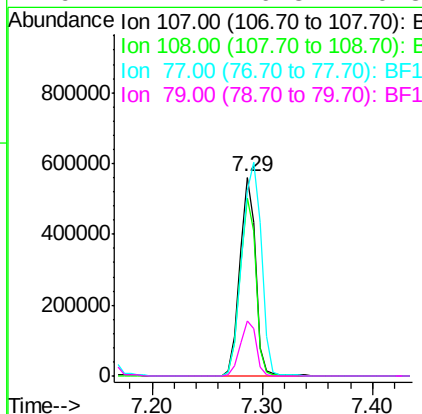
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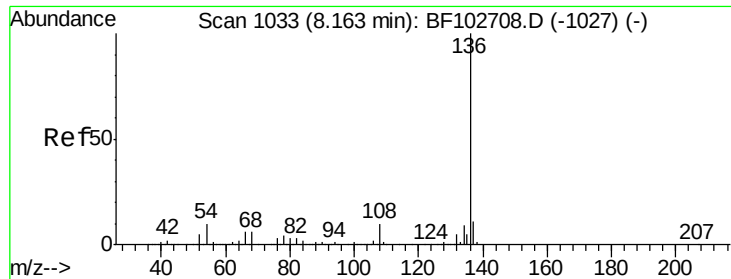
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#20
3+4-Methylphenols
Concen: 39.815 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	563066		
108	89.6	68.2	108.2	
77	93.2	26.7	66.7#	
79	27.4	6.3	46.3	





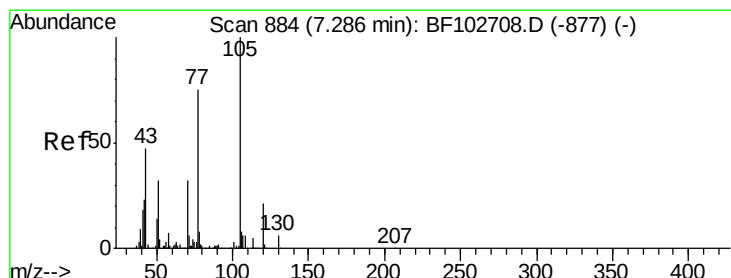
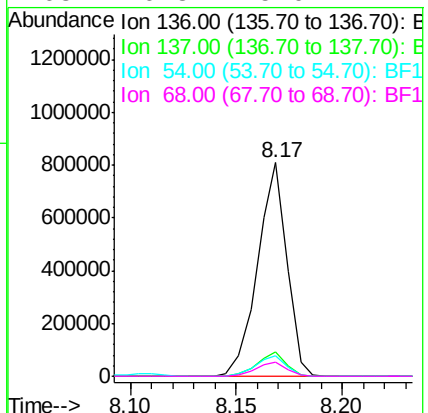
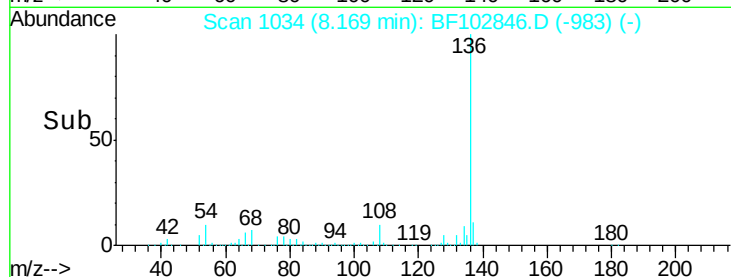
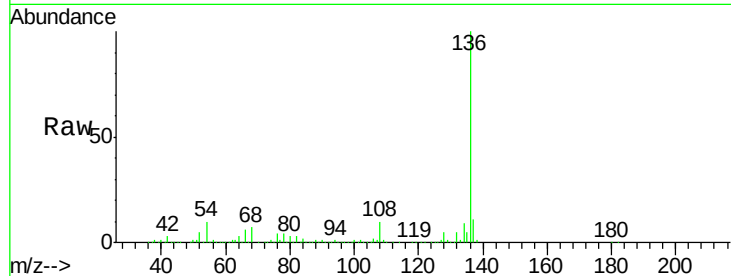
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	778014		
137	11.5	8.9	13.3	
54	9.8	6.6	9.8	
68	6.8	5.0	7.4	

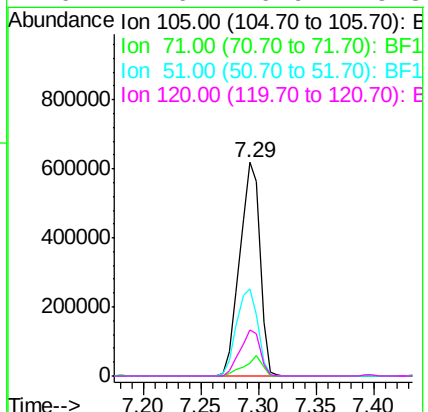
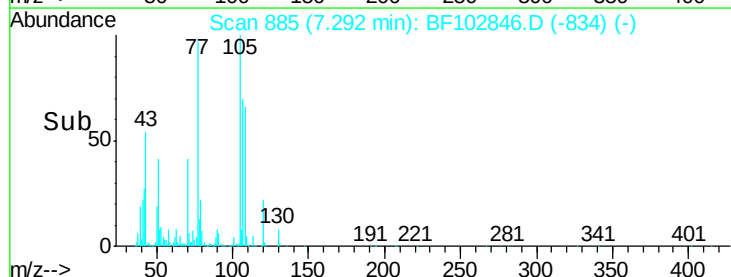
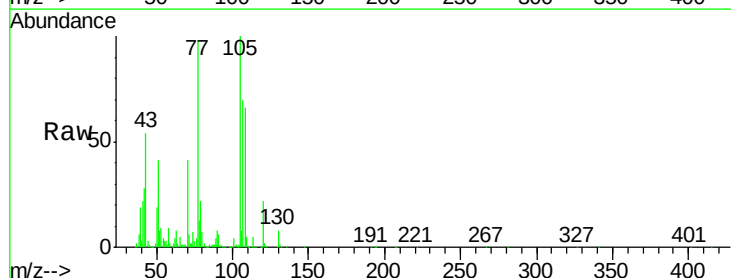
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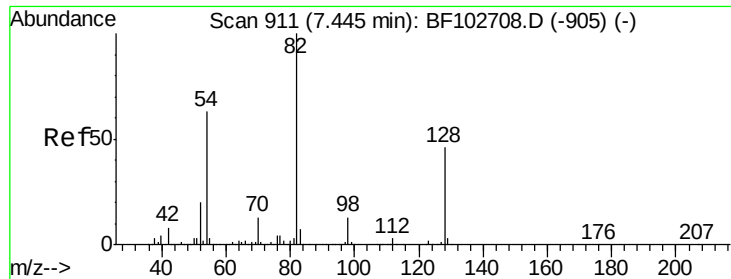
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#22
Acetophenone
Concen: 39.529 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	752586		
71	6.3	4.4	6.6	
51	40.8	22.3	33.5	
120	21.6	16.9	25.3	





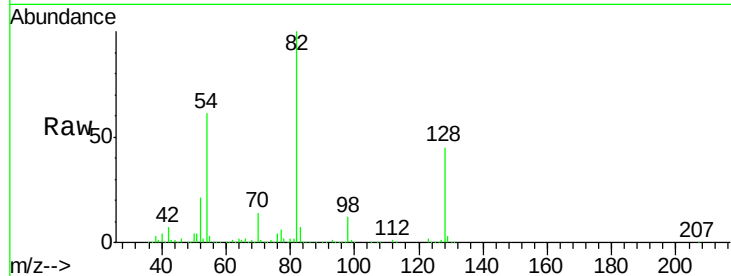
#23
Nitrobenzene-d5
Concen: 102.705 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

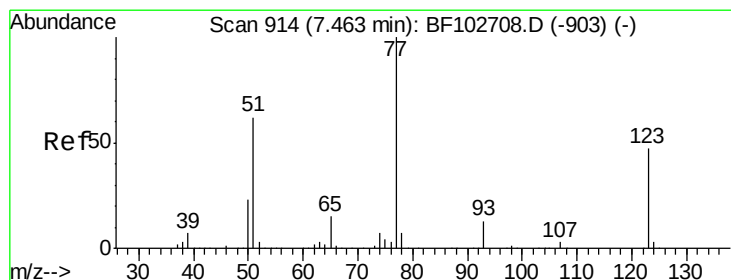
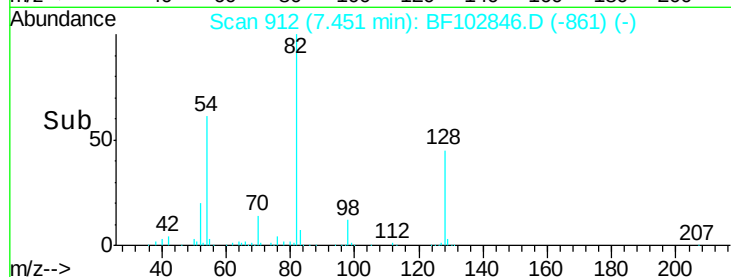
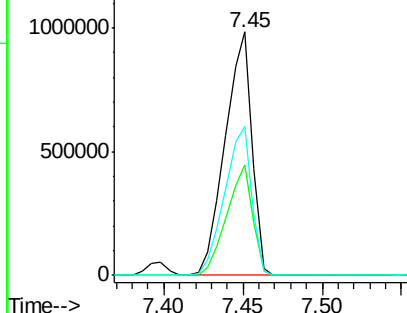
Tgt Ion: 82 Resp: 1151865
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 61.3 41.4 62.2

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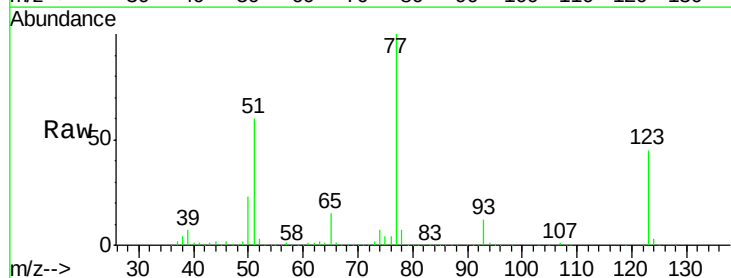


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

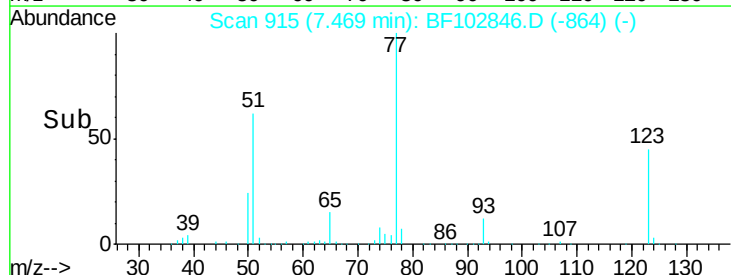
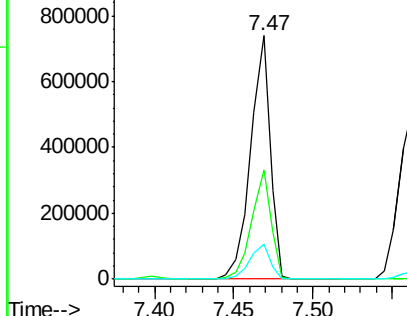


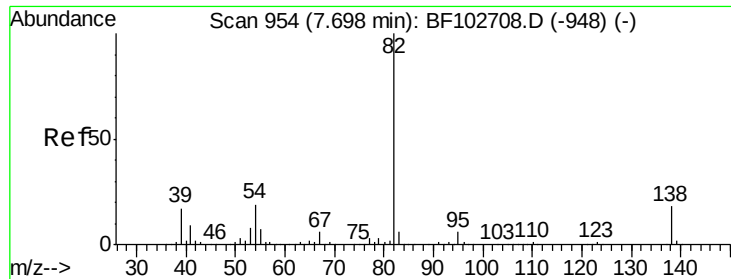
#24
Nitrobenzene
Concen: 48.134 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 77 Resp: 634929
Ion Ratio Lower Upper
77 100
123 44.8 37.9 56.9
65 14.6 11.0 16.4



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





#25

Isophorone

Concen: 45.476 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

PB106358BS

Tgt Ion: 82 Resp: 1174412

Ion Ratio Lower Upper

82 100

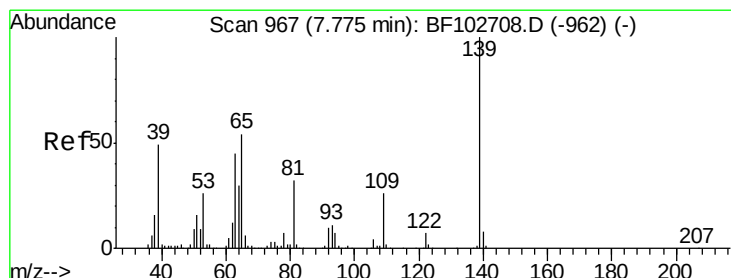
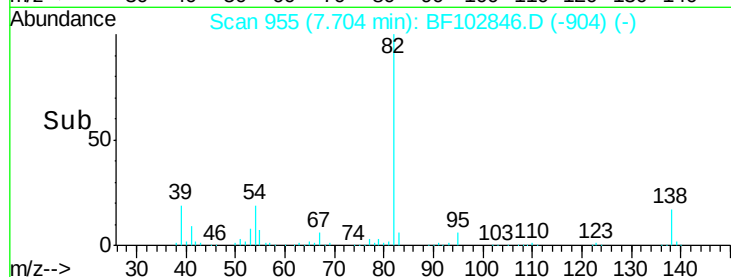
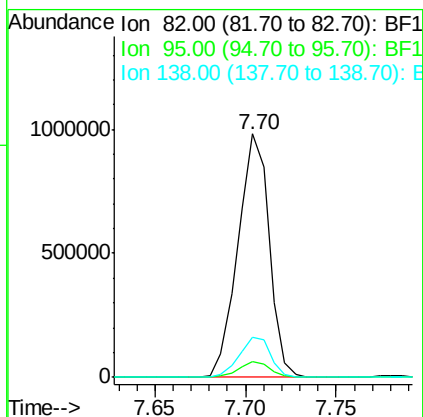
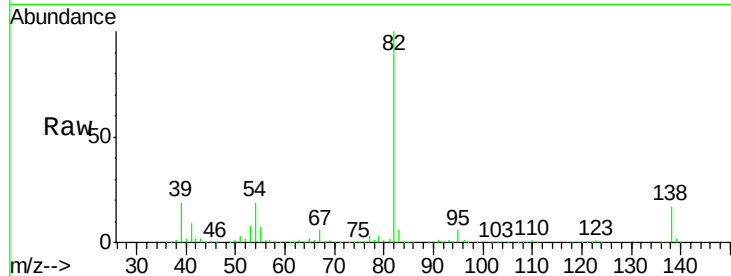
95 6.4 5.2 7.8

138 16.7 14.9 22.3

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#26

2-Nitrophenol

Concen: 54.888 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

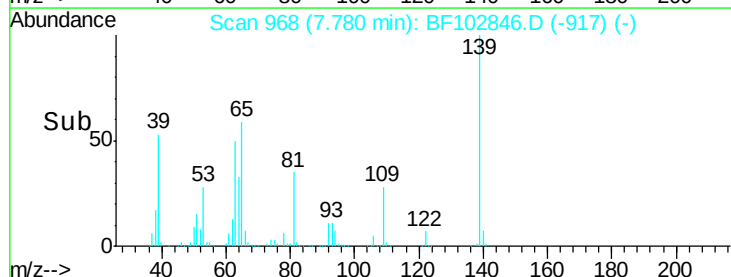
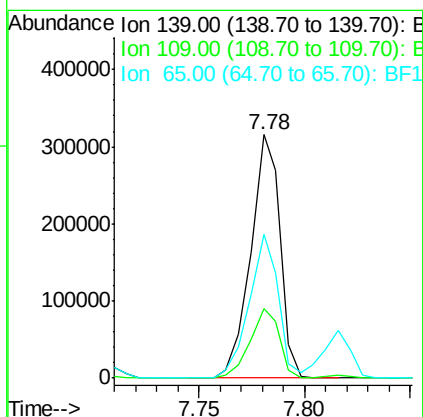
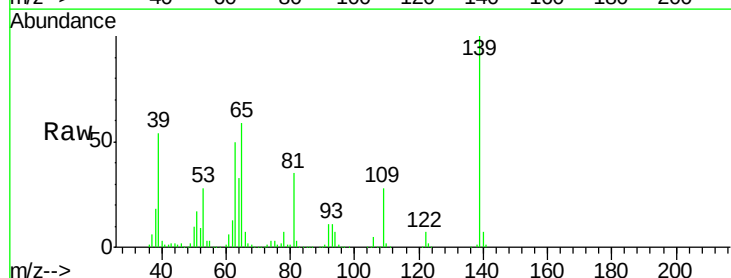
Tgt Ion: 139 Resp: 305712

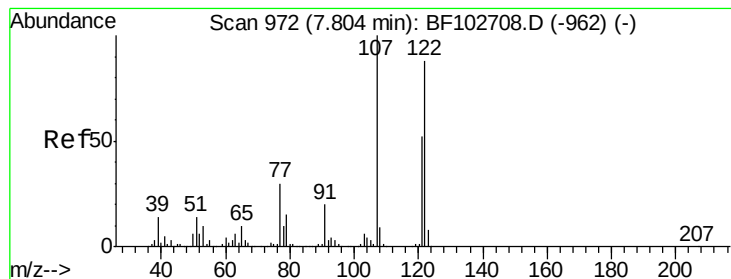
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 59.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.552 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102846.D

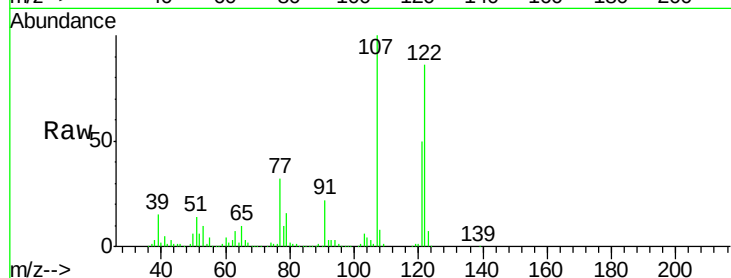
Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

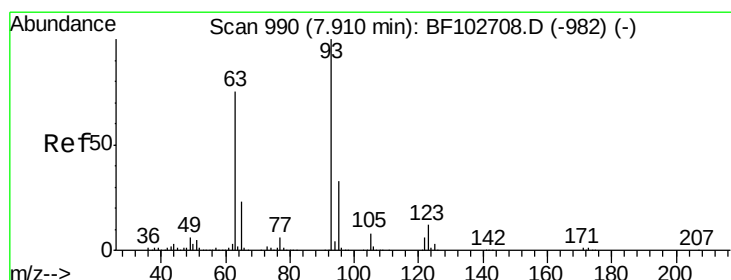
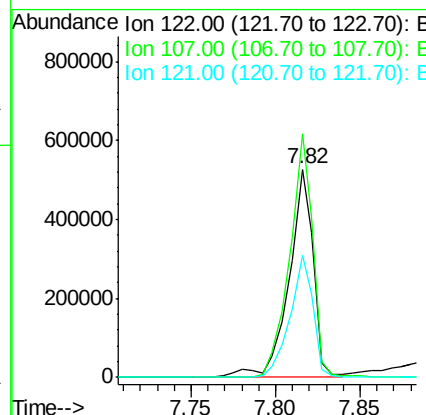
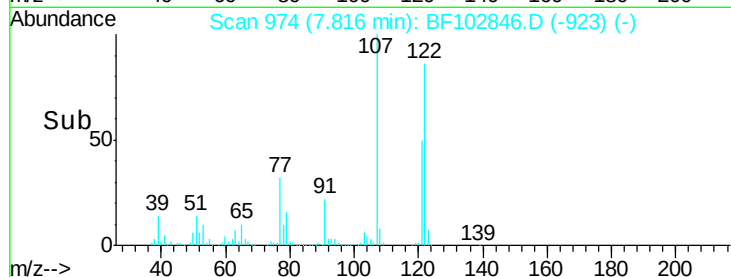
PB106358BS



Tgt Ion:	122	Resp:	529730
Ion	Ratio	Lower	Upper
122	100		
107	116.9	91.2	136.8
121	58.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 45.877 ng

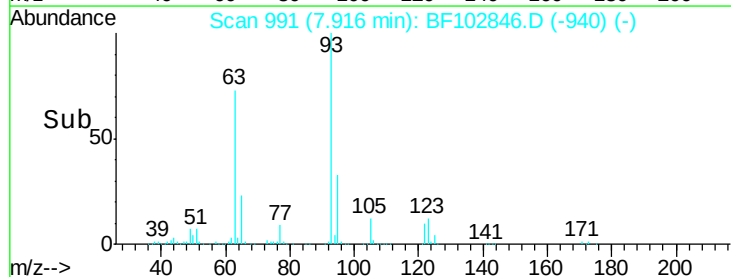
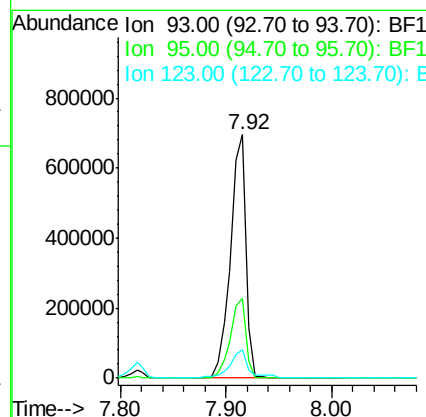
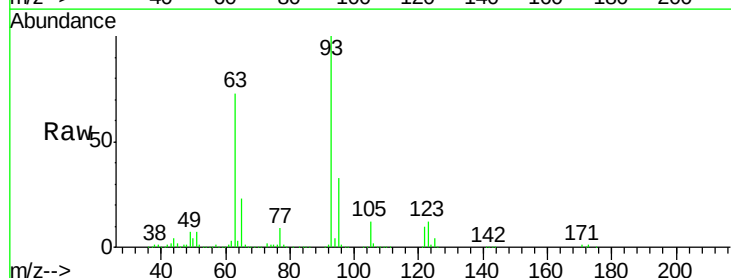
RT: 7.92 min Scan# 991

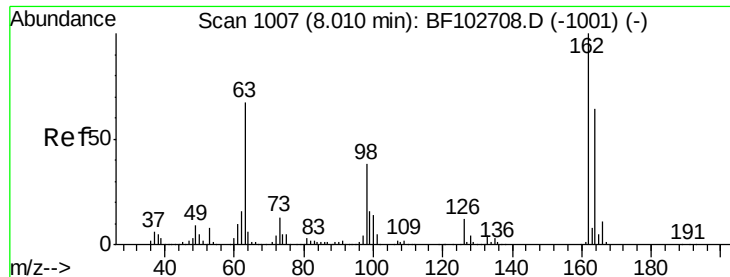
Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	93	Resp:	701853
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.8	9.8	14.6





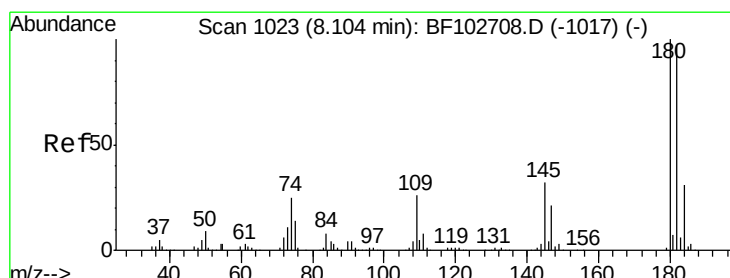
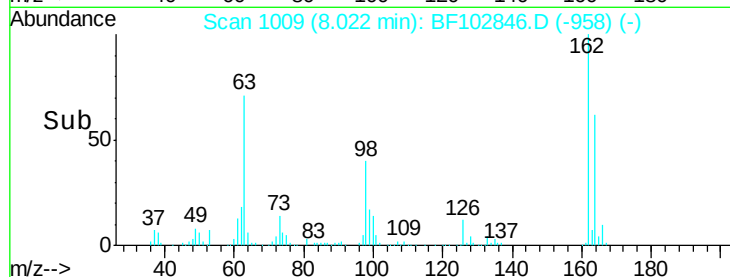
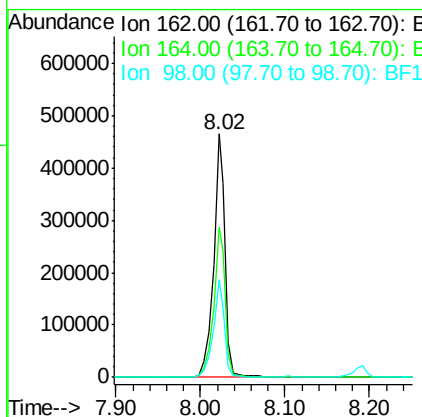
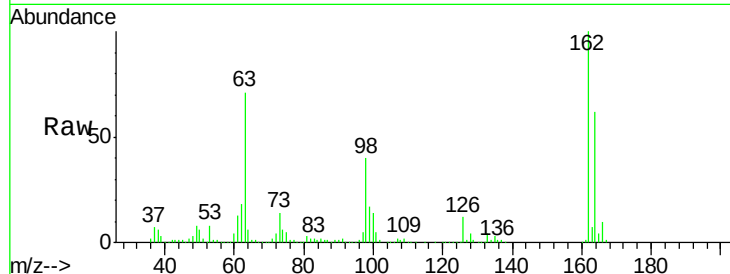
#29
 2,4-Dichlorophenol
 Concen: 45.400 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	450295		
164	61.8	42.7	82.7	
98	40.1	18.1	58.1	

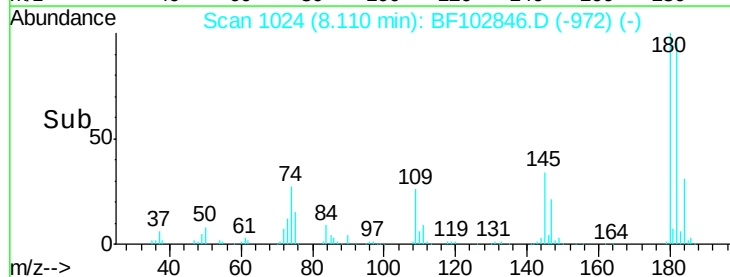
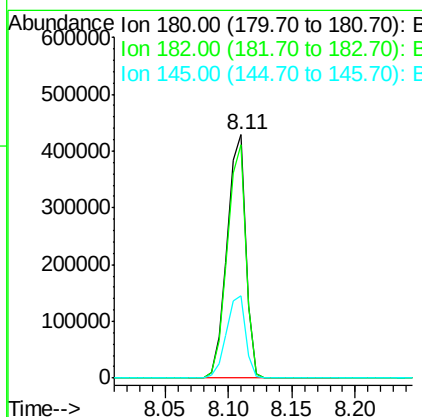
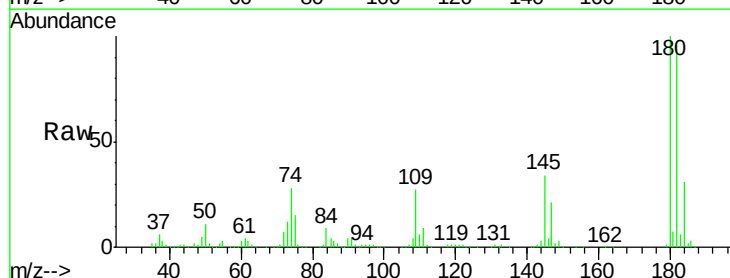
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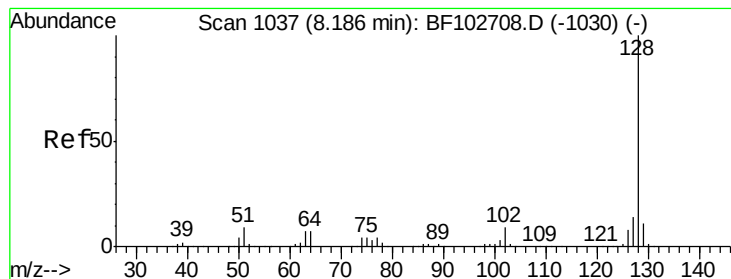
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.055 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	438213		
182	96.0	76.8	115.2	
145	33.9	26.5	39.7	





#31

Naphthalene

Concen: 40.294 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

PB106358BS

Tgt Ion:128 Resp: 1531664

Ion Ratio Lower Upper

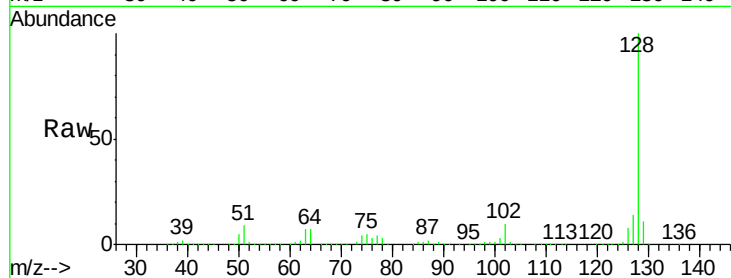
128 100

129 11.3 8.8 13.2

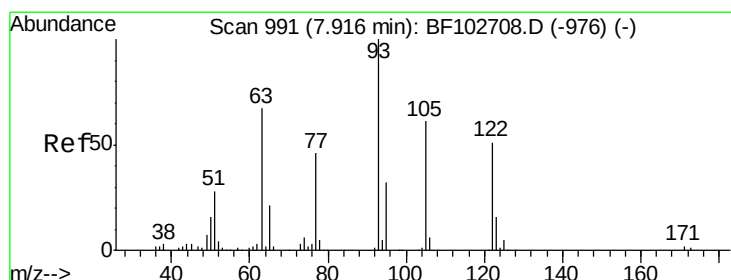
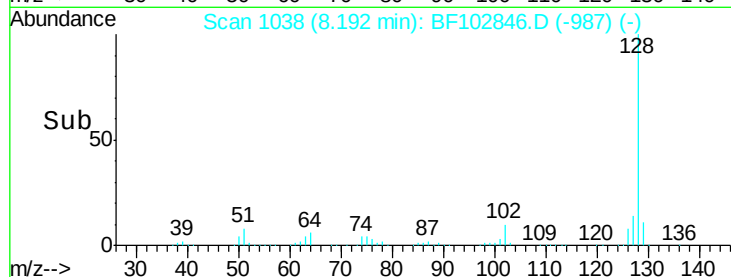
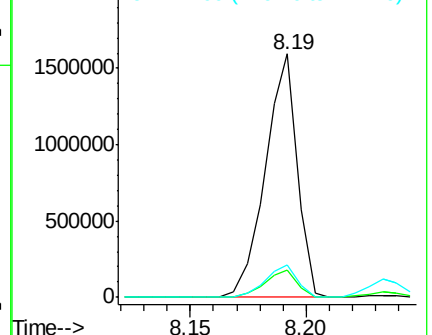
127 13.6 10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.585 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

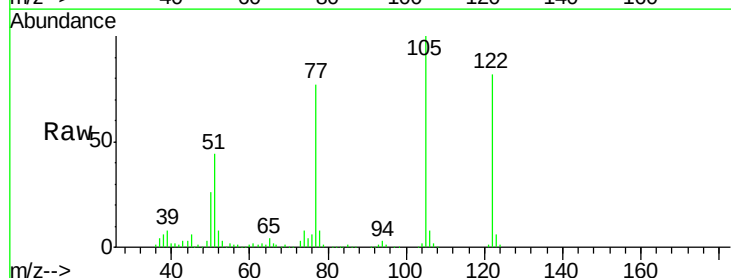
Tgt Ion:122 Resp: 354734

Ion Ratio Lower Upper

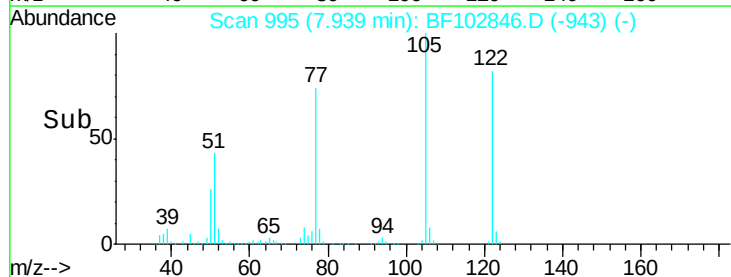
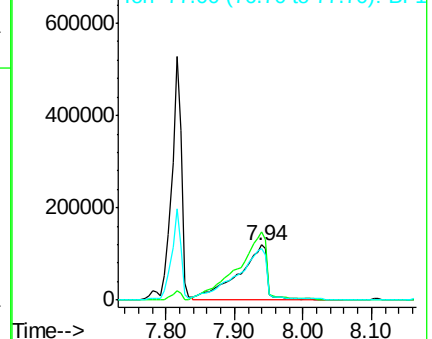
122 100

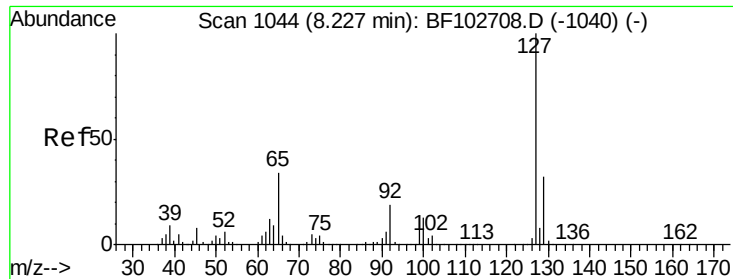
105 122.7 101.1 141.1

77 93.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





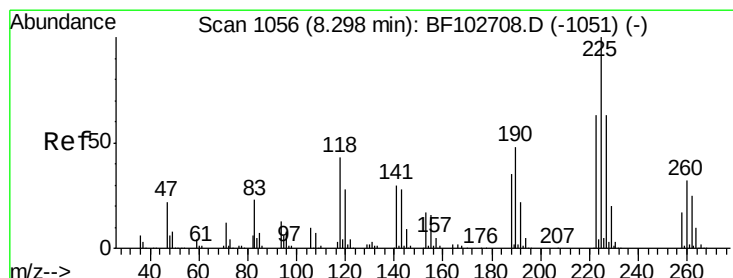
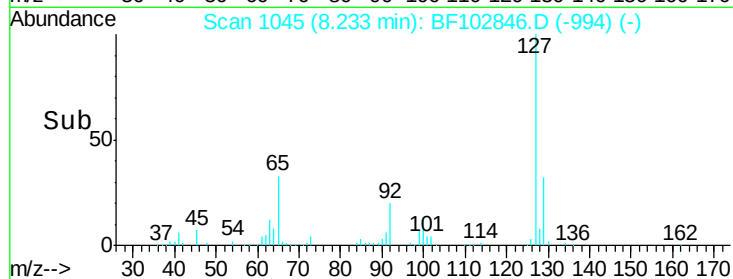
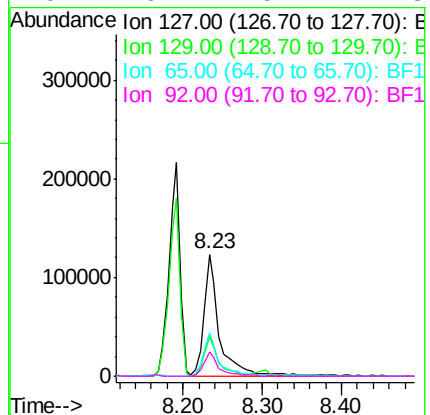
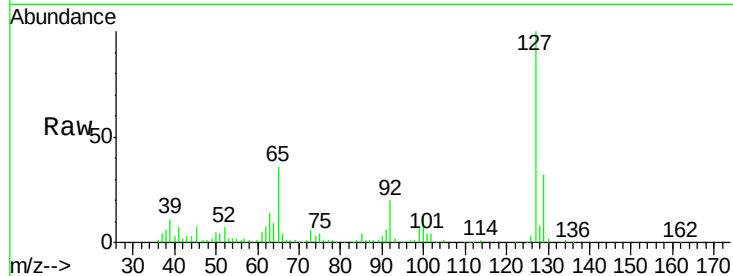
#33
 4-Chloroaniline
 Concen: 10.150 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	166202		
129	32.4	25.9	38.9	
65	36.2	25.0	37.4	
92	20.1	15.2	22.8	

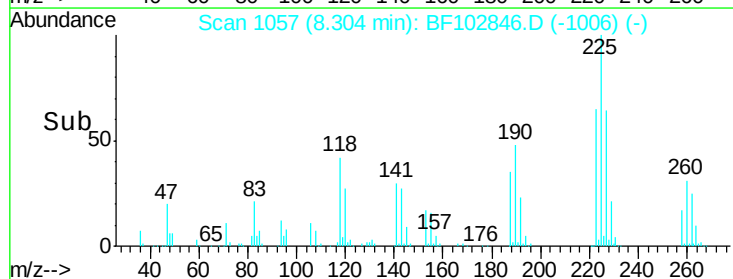
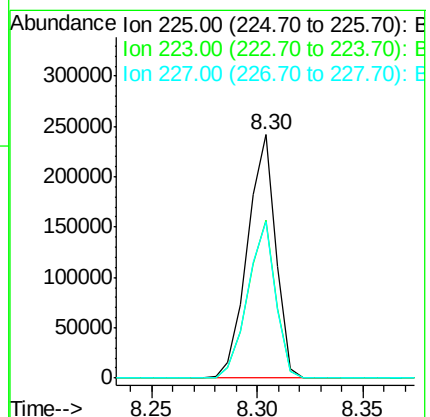
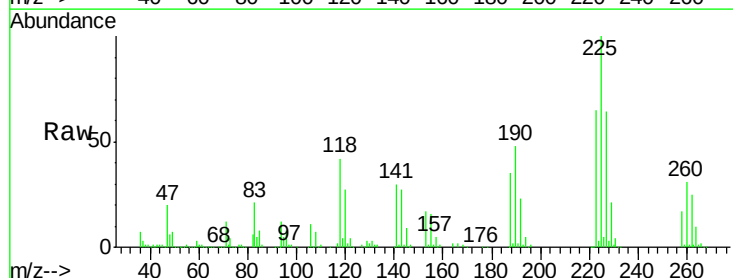
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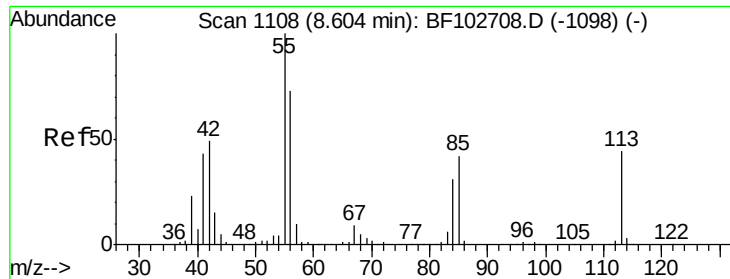
Sohil
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#34
 Hexachlorobutadiene
 Concen: 39.066 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	224616		
223	64.7	50.6	76.0	
227	64.1	51.9	77.9	





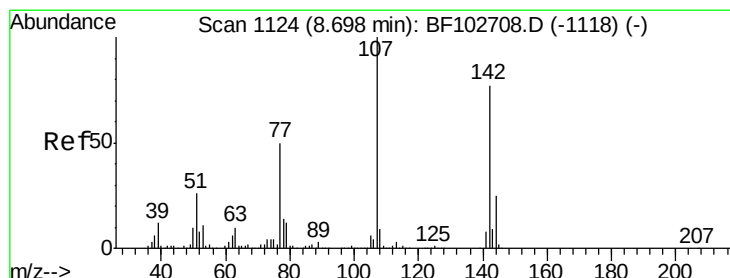
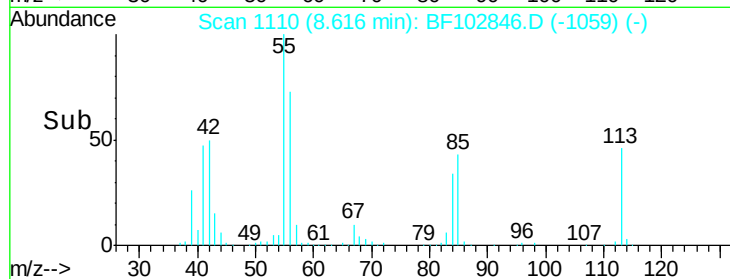
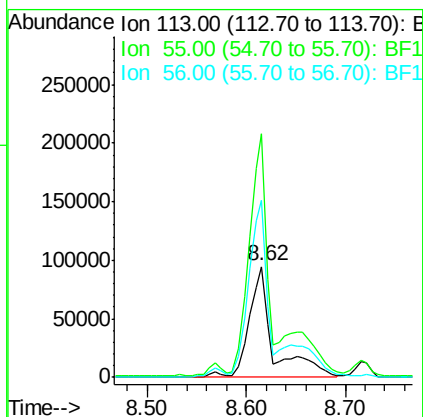
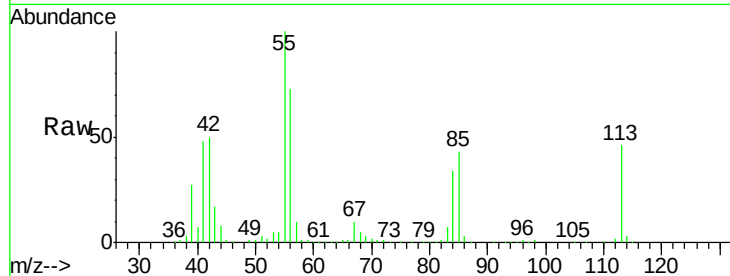
#35
 Caprolactam
 Concen: 47.037 ng m
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion:113 Resp: 162021
 Ion Ratio Lower Upper
 113 100
 55 219.1 163.3 203.3#
 56 159.7 115.7 155.7#

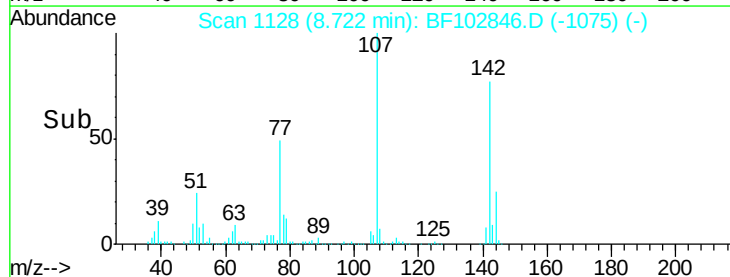
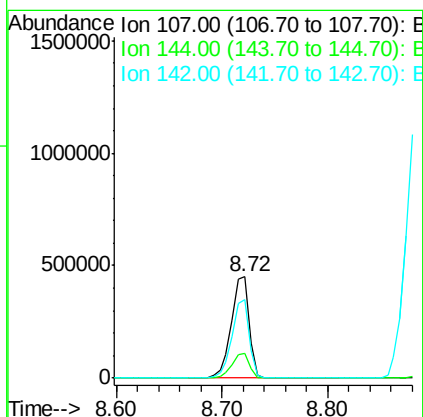
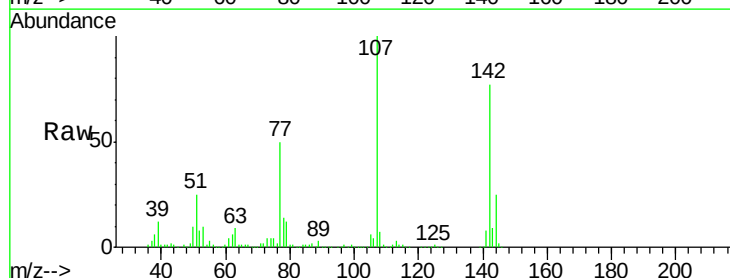
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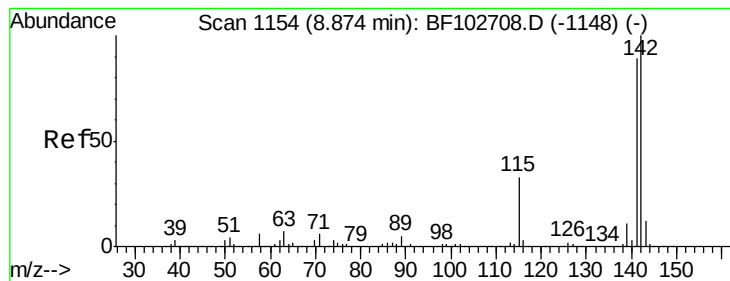
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#36
 4-Chloro-3-methylphenol
 Concen: 47.172 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:107 Resp: 525691
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 77.3 62.0 93.0





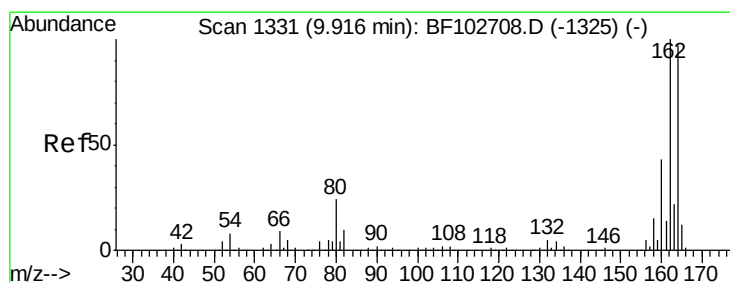
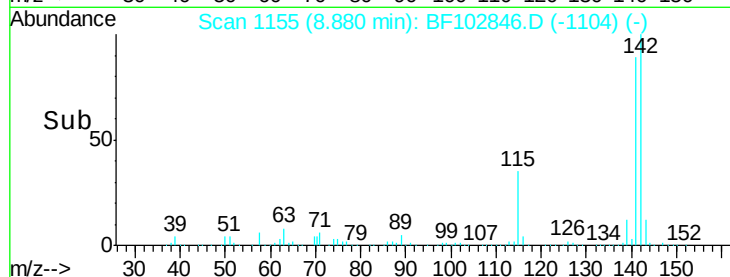
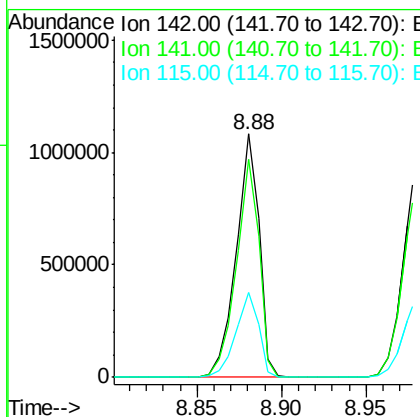
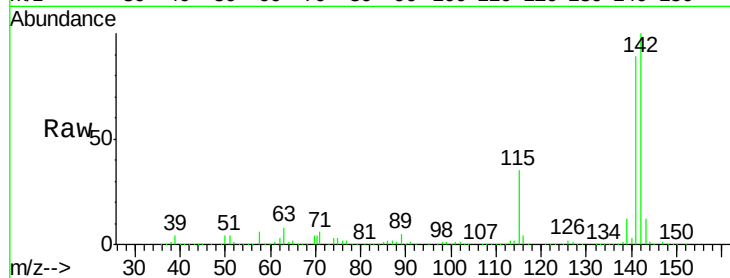
#37
 2-Methylnaphthalene
 Concen: 41.020 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleID :
 PB106358BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	35.1	26.1	39.1

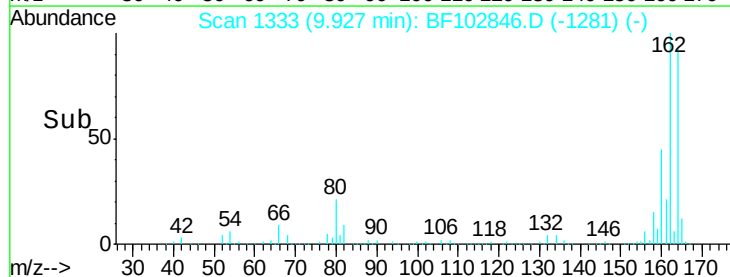
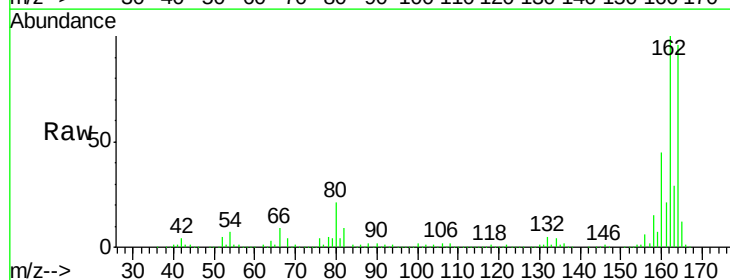
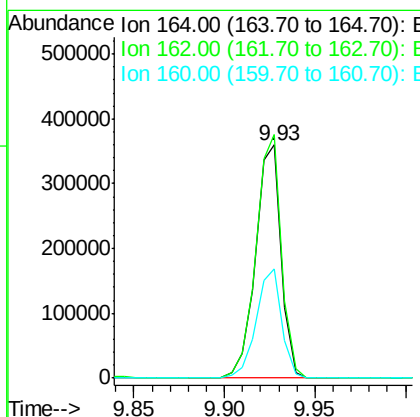
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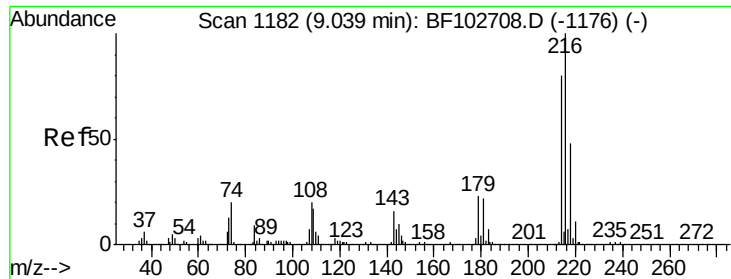
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.8	38.3	57.5





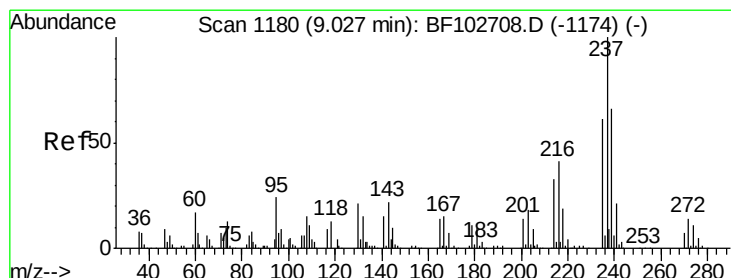
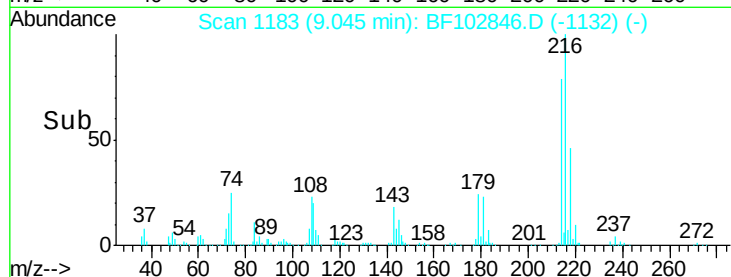
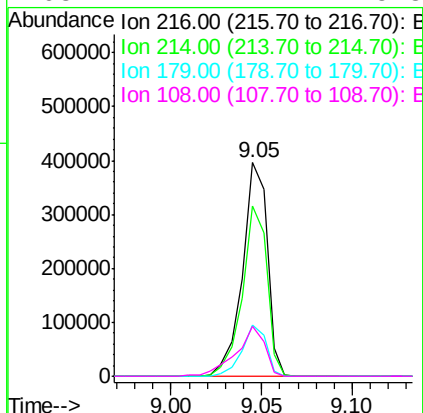
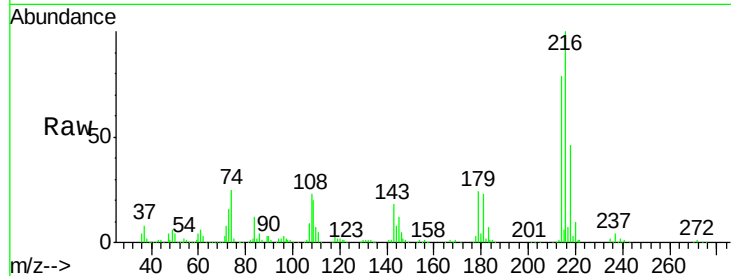
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.200 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	375925		
214	79.1	63.0	94.4	
179	23.6	18.1	27.1	
108	27.1	17.2	25.8	

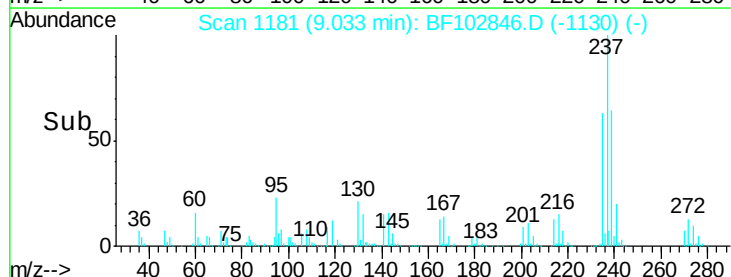
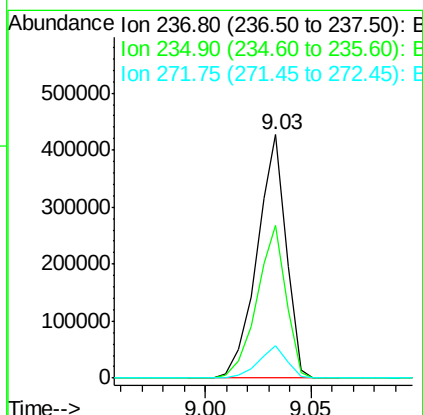
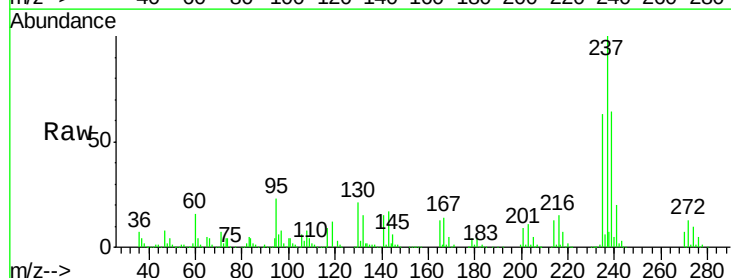
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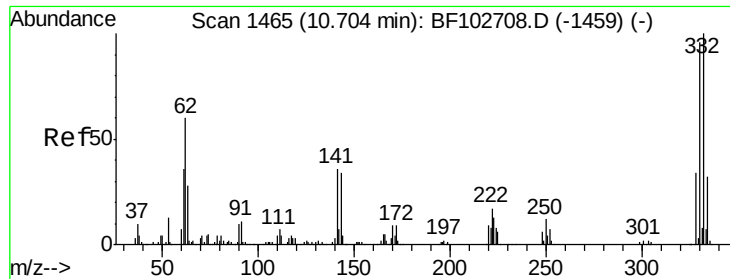
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#40
 Hexachlorocyclopentadiene
 Concen: 89.173 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	406529		
235	62.7	44.8	84.8	
272	13.1	0.0	33.3	





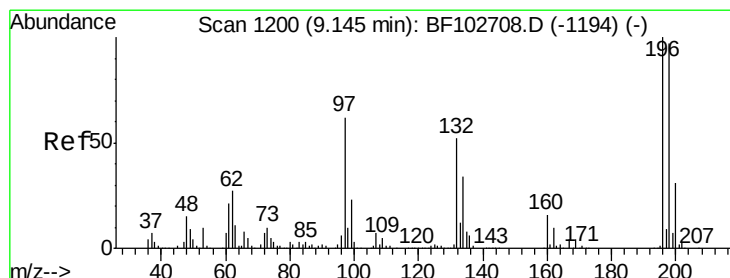
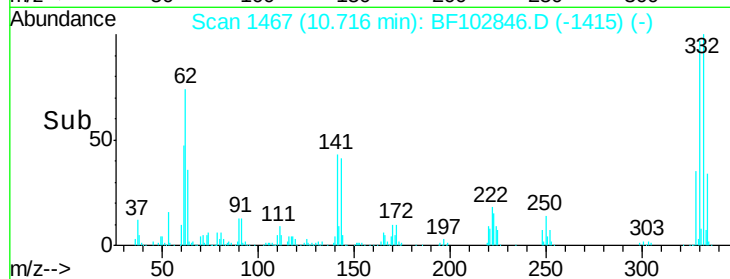
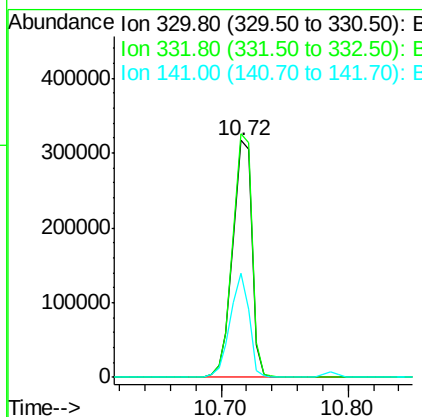
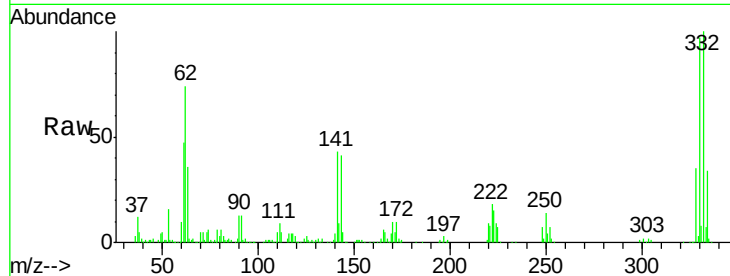
#41
 2,4,6-Tribromophenol
 Concen: 116.905 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.0	77.0	115.6	
141	43.0	29.9	44.9	

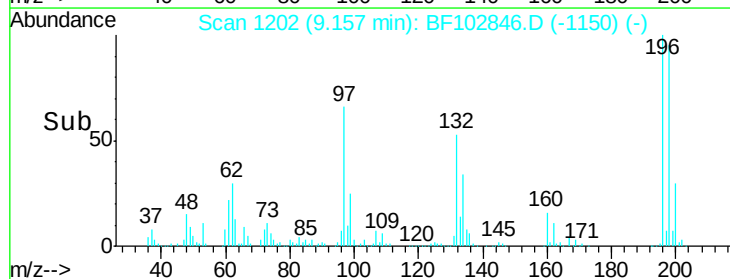
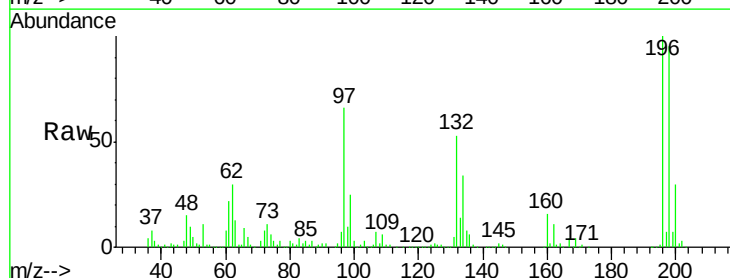
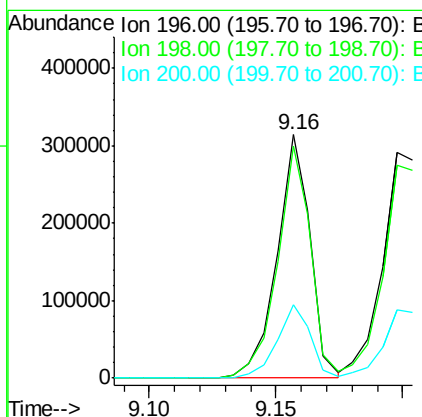
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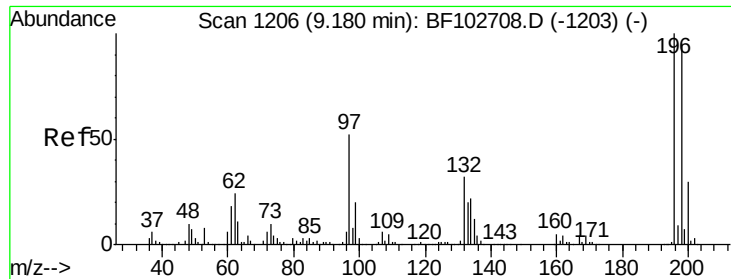
Sohil
 2/9/2018 4:33:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.536 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

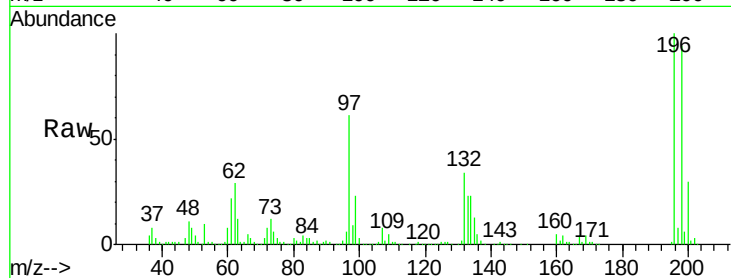
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	75.7	113.5	
200	30.0	24.5	36.7	





#43
 2,4,5-Trichlorophenol
 Concen: 43.474 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

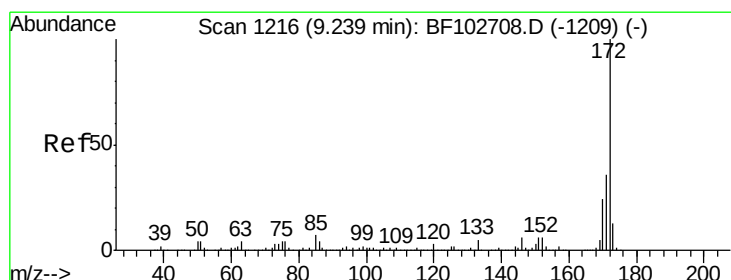
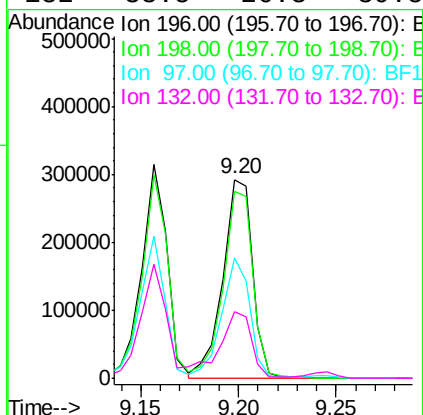
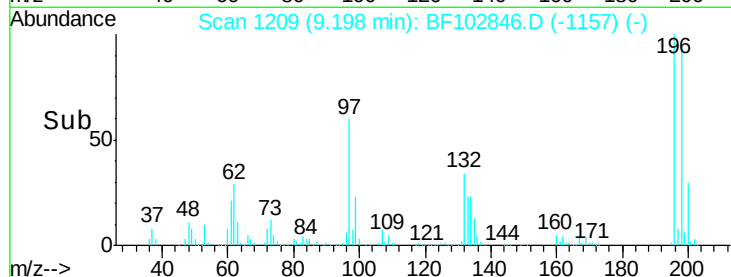
Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308645		
198	93.9	74.6	112.0	
97	60.6	42.9	64.3	
132	33.5	26.3	39.5	

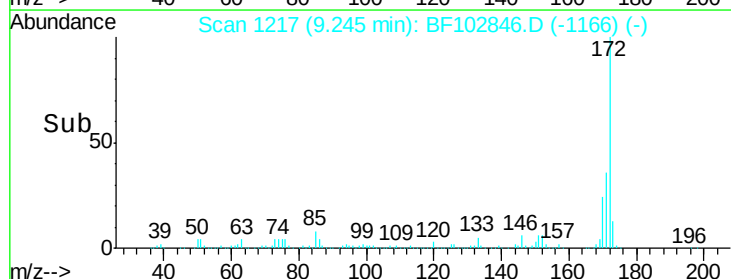
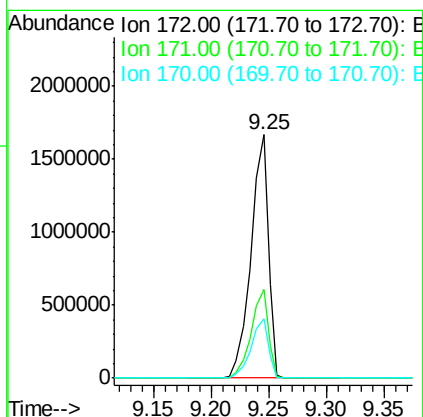
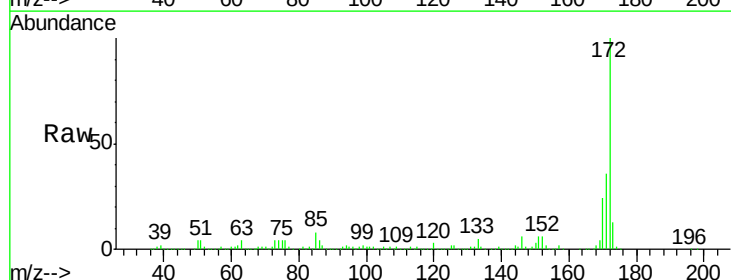
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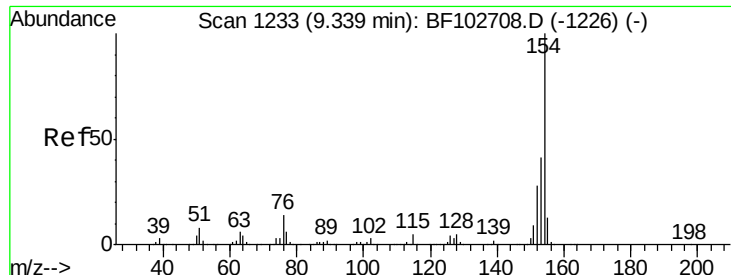
Sohil
 2/9/2018 4:33:21 PM



#44
 2-Fluorobiphenyl
 Concen: 82.078 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1742146		
171	36.4	29.7	44.5	
170	24.4	19.6	29.4	





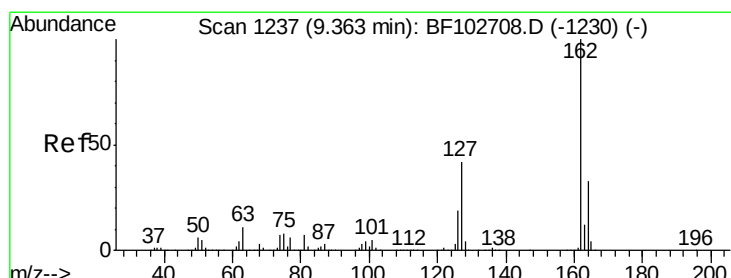
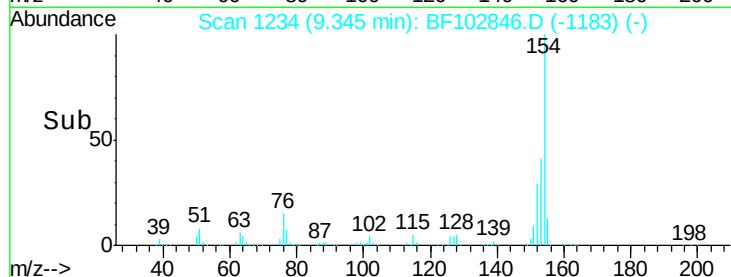
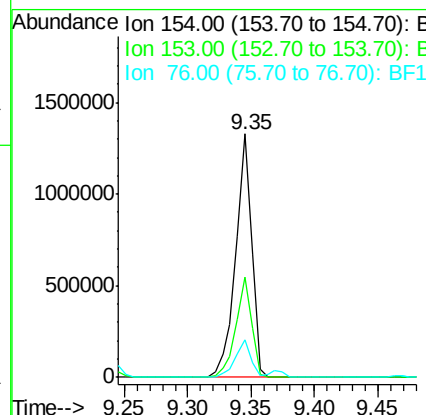
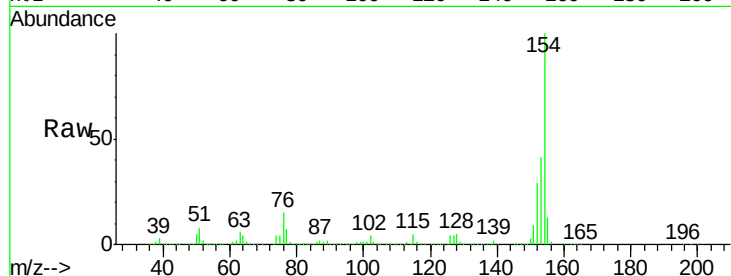
#45
 1,1'-Biphenyl
 Concen: 38.887 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	15.3	0.0	34.0

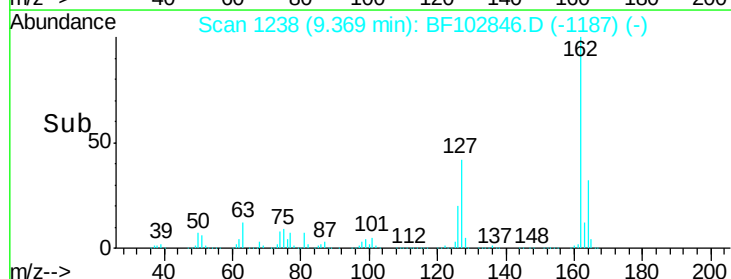
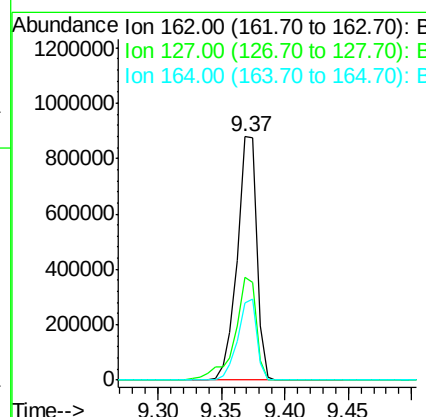
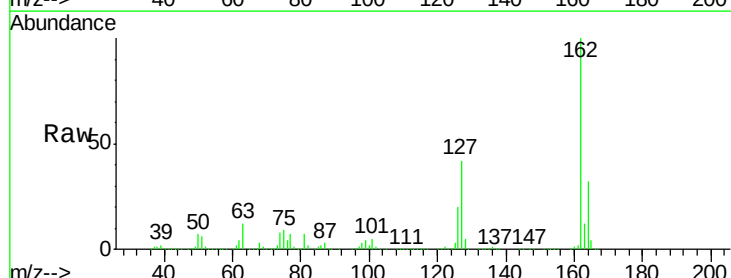
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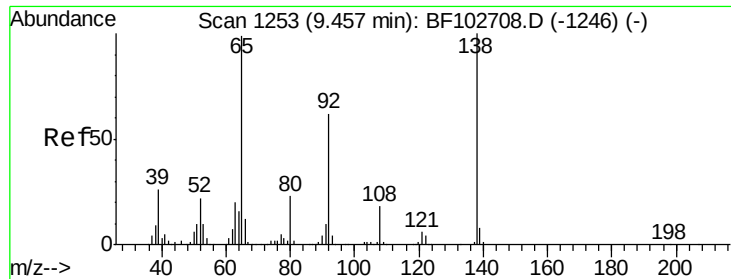
Sohil
 2/9/2018 4:33:21 PM



#46
 2-Chloronaphthalene
 Concen: 39.659 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	31.8	26.5	39.7





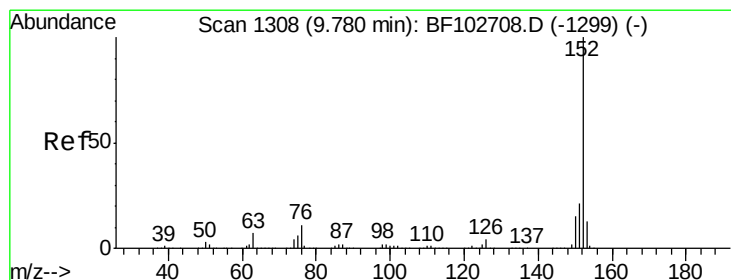
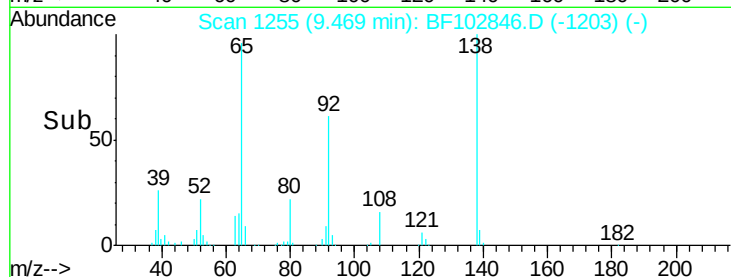
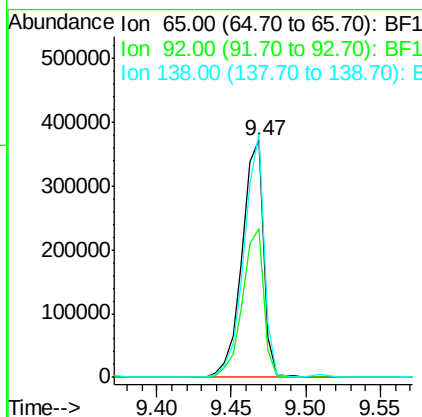
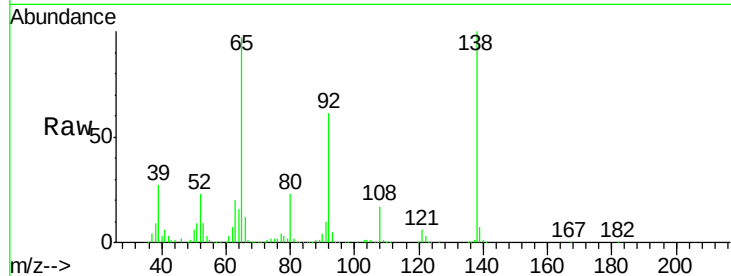
#47
2-Nitroaniline
Concen: 51.599 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	373881		
92	62.8	55.8	83.6	
138	102.9	91.2	136.8	

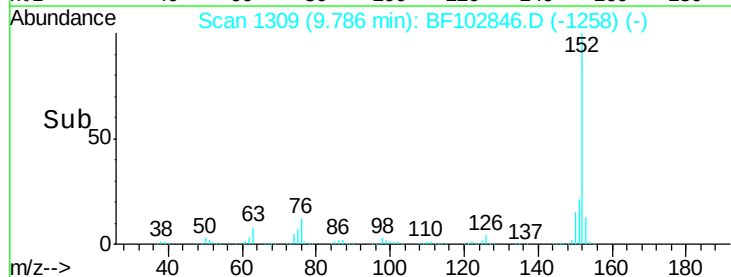
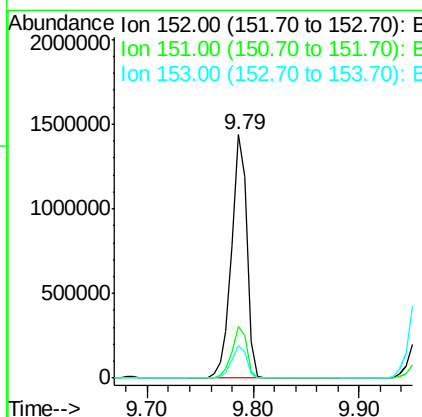
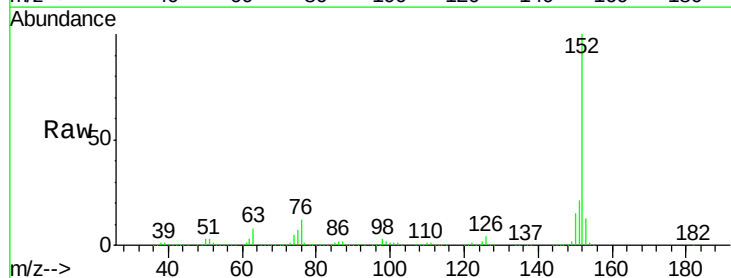
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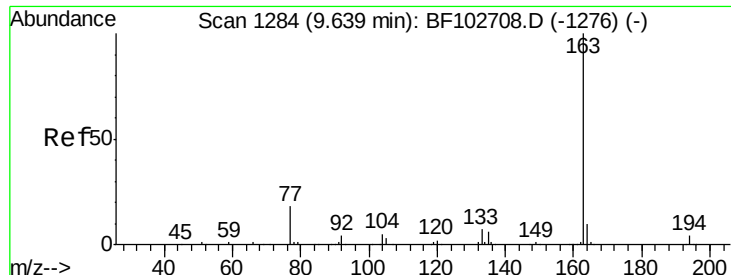
Sohil
2/9/2018 4:33:21 PM



#48
Acenaphthylene
Concen: 39.219 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1422611		
151	21.2	16.3	24.5	
153	13.4	10.7	16.1	





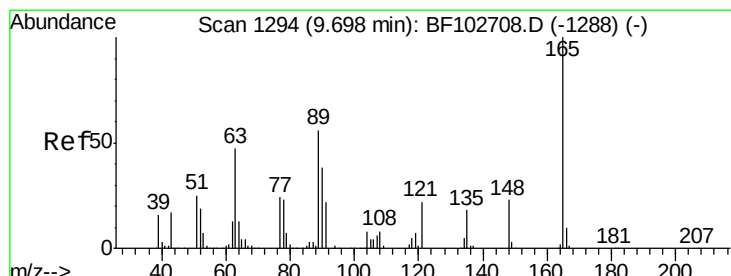
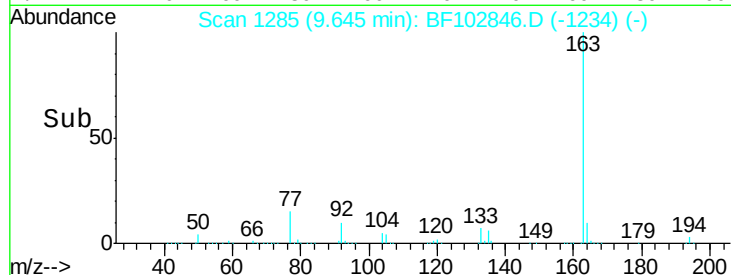
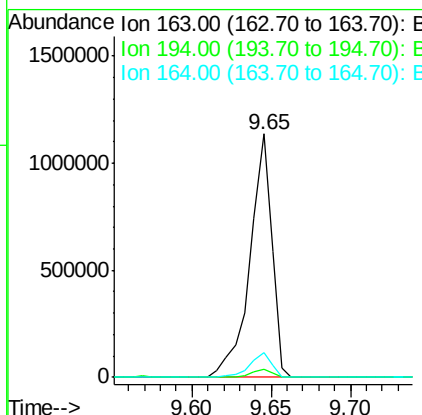
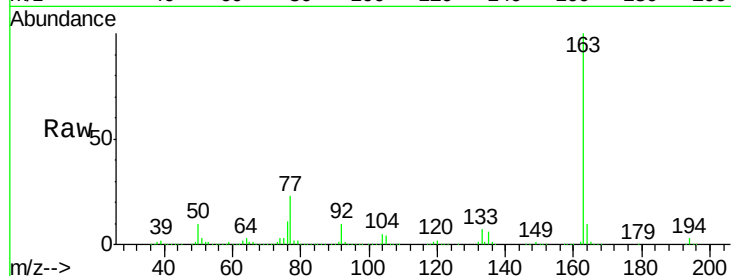
#49
Dimethylphthalate
Concen: 39.707 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion:163 Resp: 1090452
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

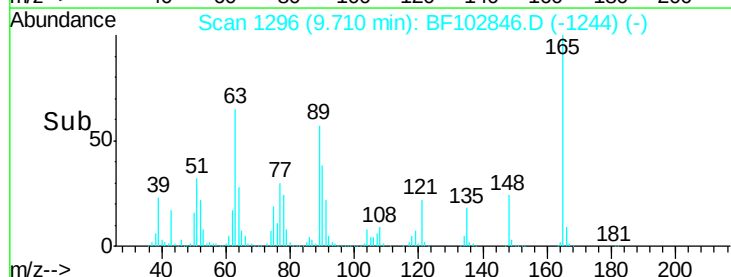
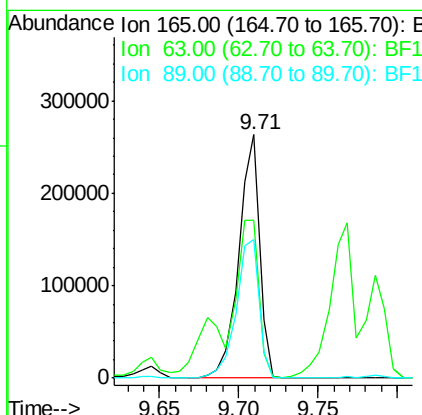
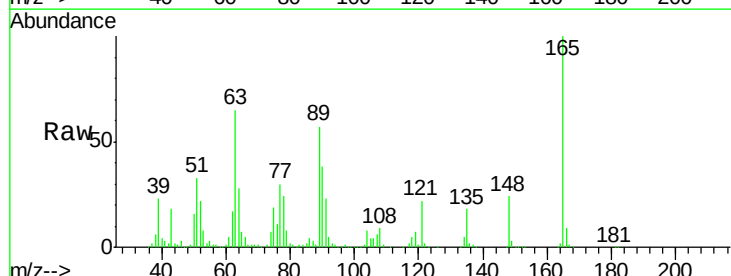
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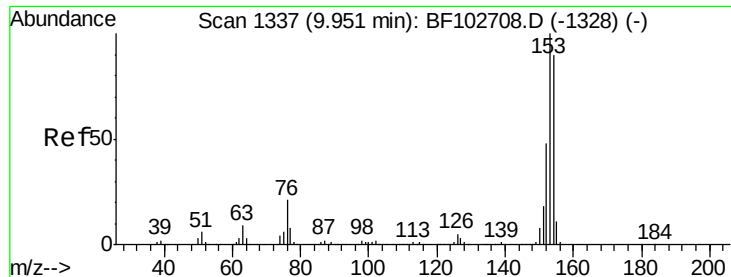
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.874 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:165 Resp: 239680
Ion Ratio Lower Upper
165 100
63 64.9 44.7 67.1
89 57.1 44.0 66.0





#51

Acenaphthene

Concen: 38.694 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

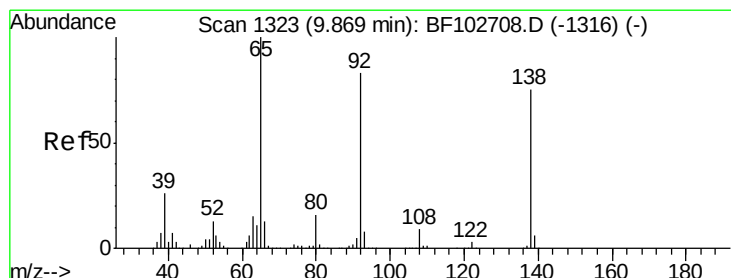
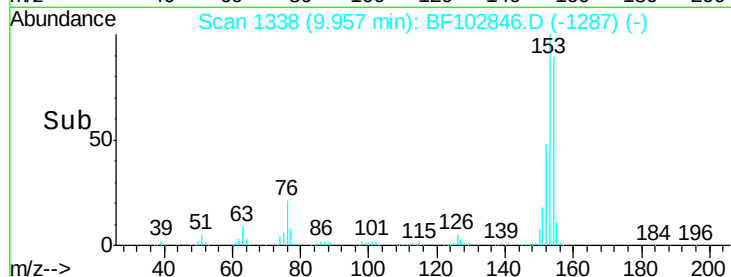
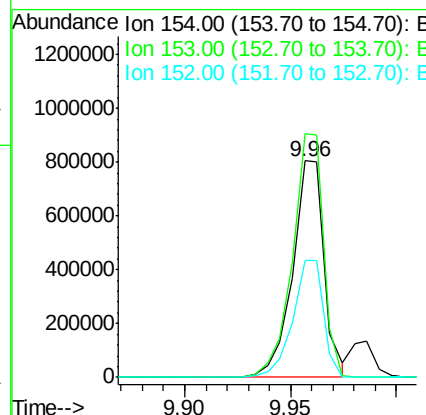
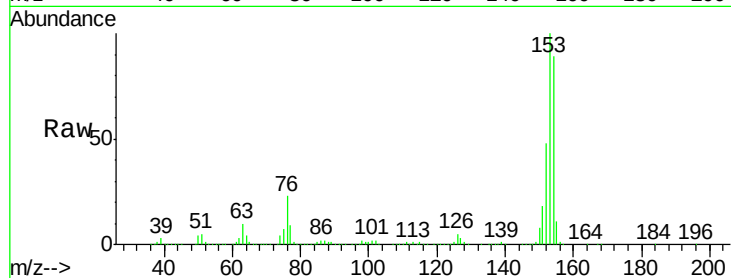
ClientSampleId :

PB106358BS

Tgt Ion:	154	Resp:	839376
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	54.1	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.054 ng

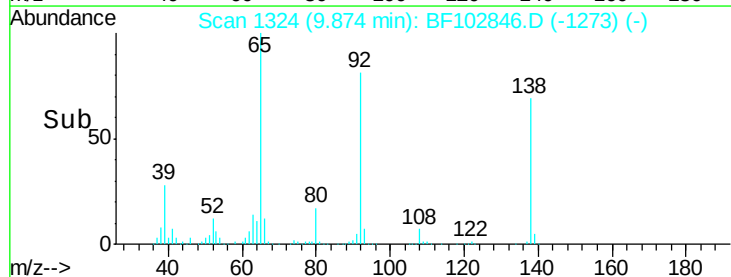
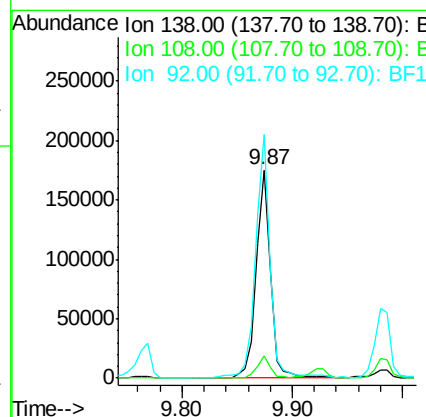
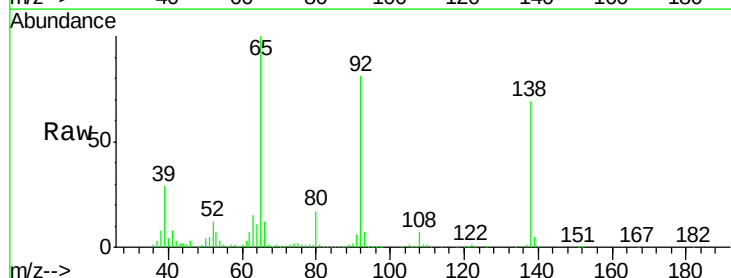
RT: 9.87 min Scan# 1324

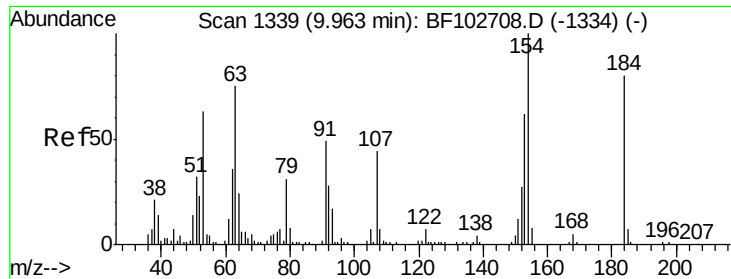
Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	138	Resp:	161069
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	116.9	89.4	134.2





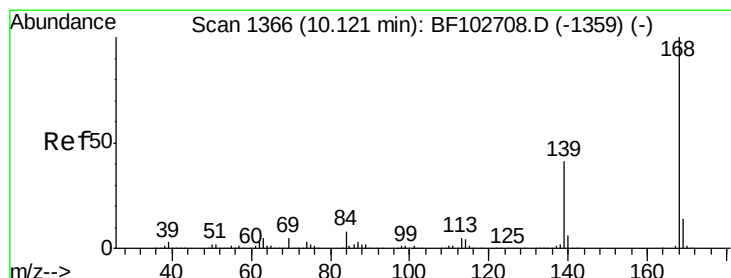
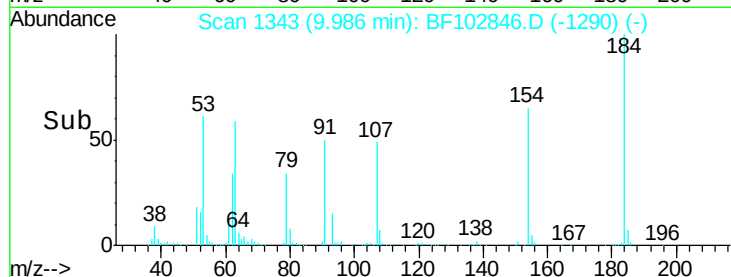
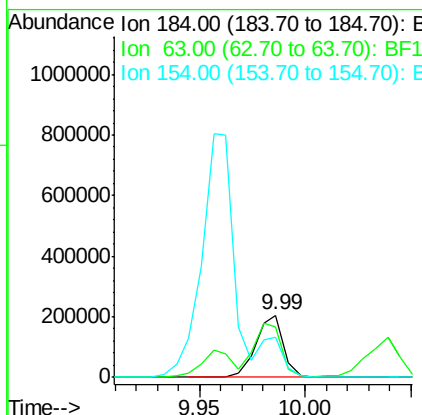
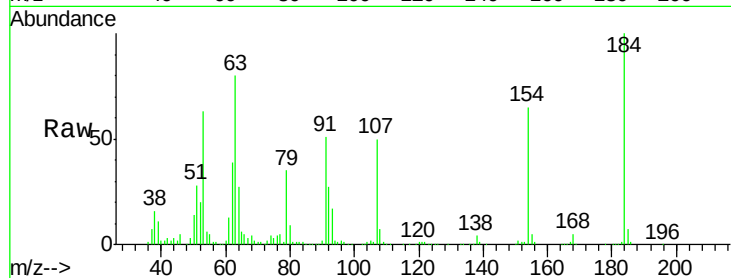
#53
2,4-Dinitrophenol
Concen: 94.105 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampled :
PB106358BS

Tgt Ion:184 Resp: 185974
Ion Ratio Lower Upper
184 100
63 80.3 54.2 81.2
154 64.9 184.0 276.0#

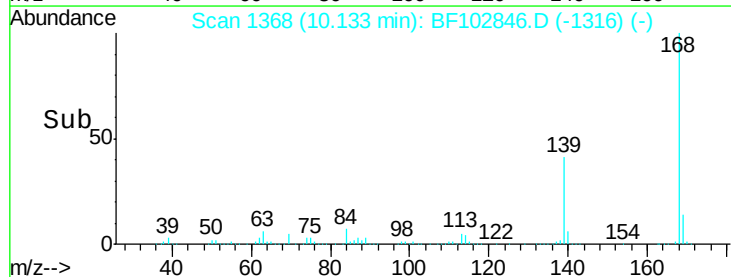
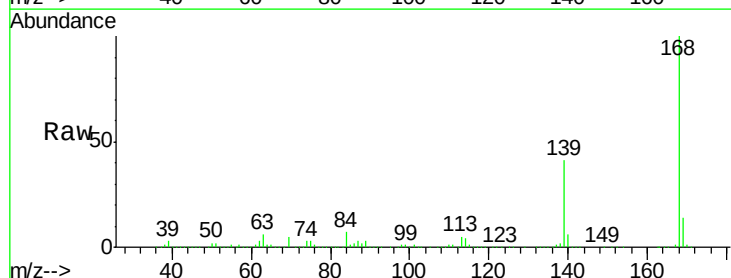
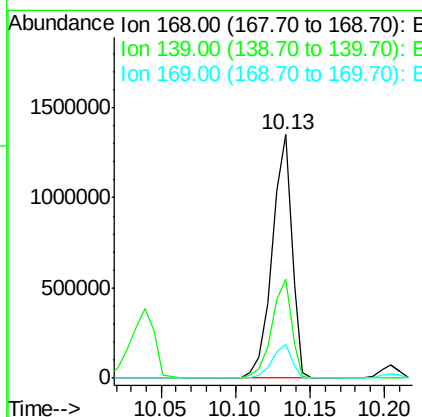
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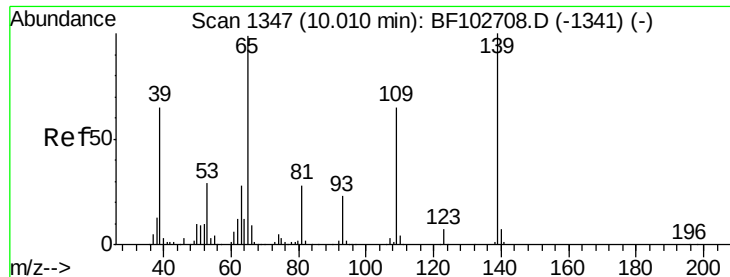
Sohil
2/9/2018 4:33:21 PM



#54
Dibenzofuran
Concen: 40.495 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:168 Resp: 1237970
Ion Ratio Lower Upper
168 100
139 40.8 30.1 45.1
169 13.6 10.9 16.3





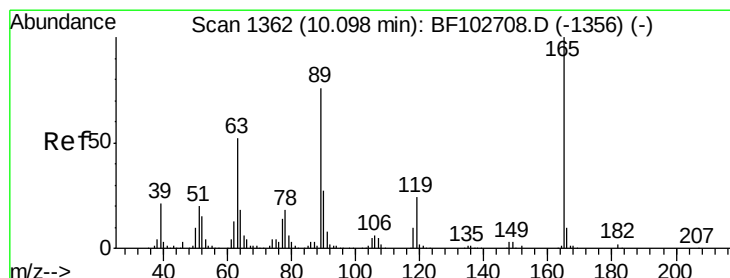
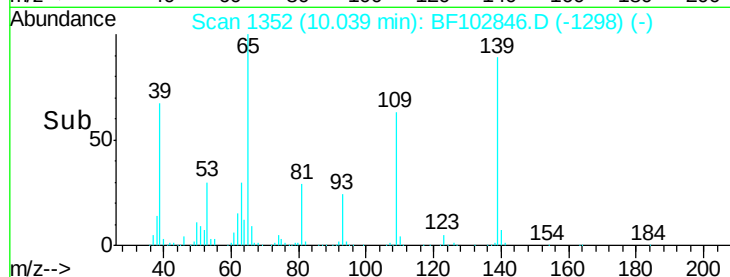
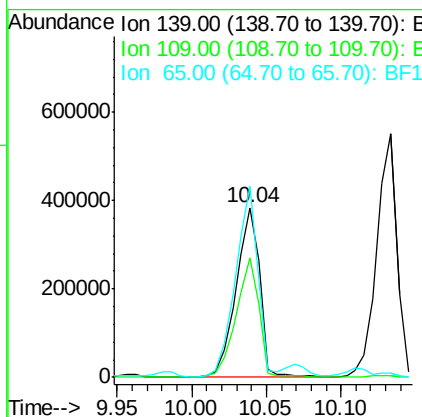
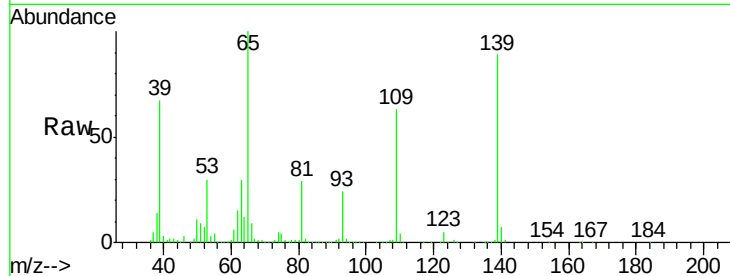
#55
4-Nitrophenol
Concen: 80.282 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	424214		
109	70.6	48.4	88.4	
65	112.9	72.6	112.6#	

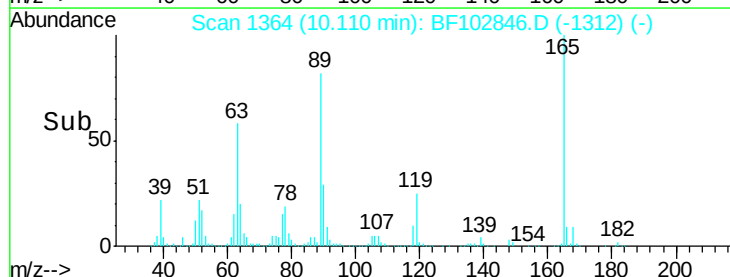
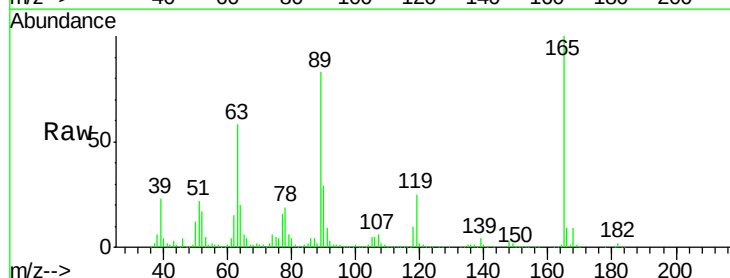
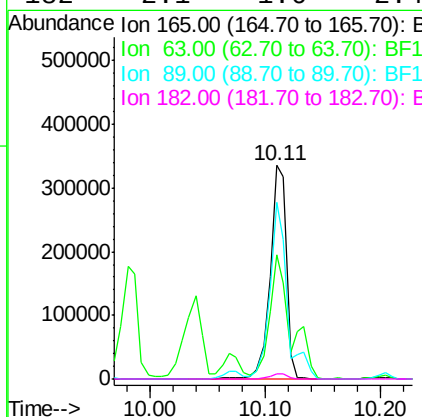
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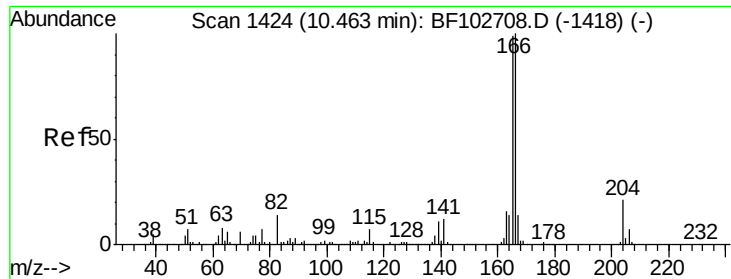
Sohil
2/9/2018 4:33:21 PM



#56
2,4-Dinitrotoluene
Concen: 47.386 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	331751		
63	58.2	36.4	54.6#	
89	82.5	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 41.532 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

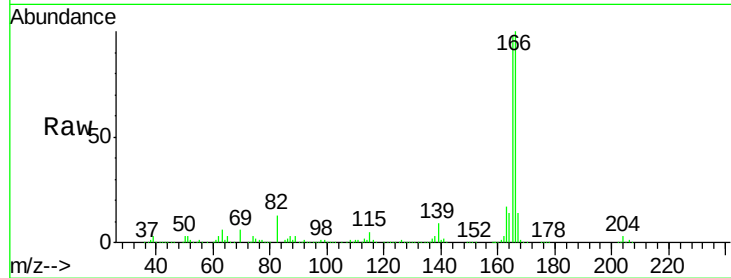
ClientSampleId :

PB106358BS

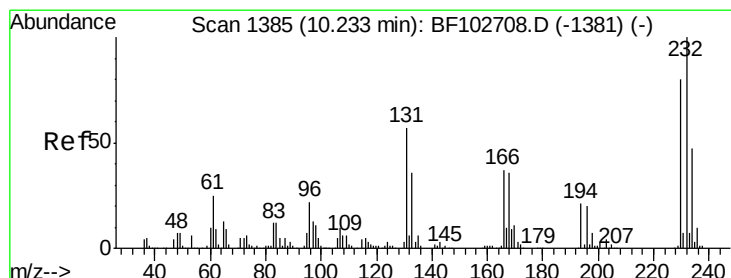
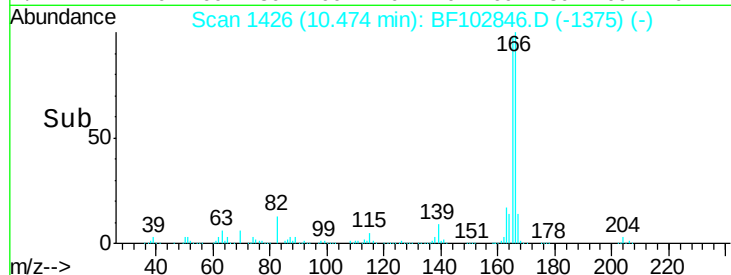
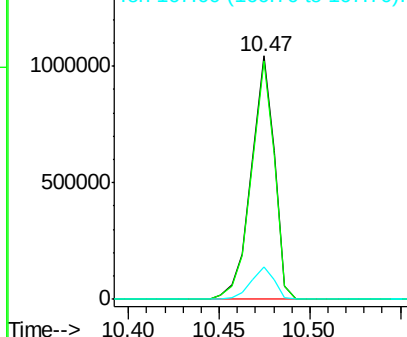
Tgt Ion:	166	Resp:	923800
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
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2/9/2018 4:33:21 PM



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: 45.135 ng m

RT: 10.24 min Scan# 1387

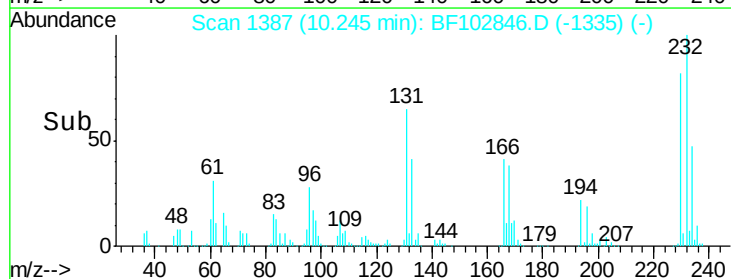
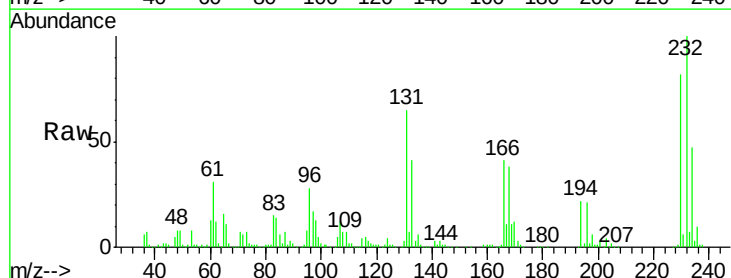
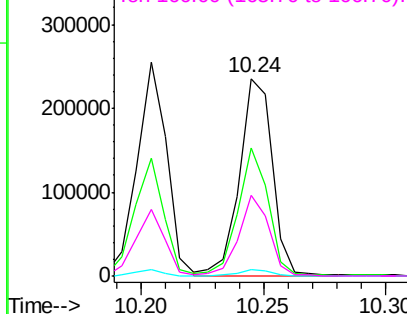
Delta R.T. 0.01 min

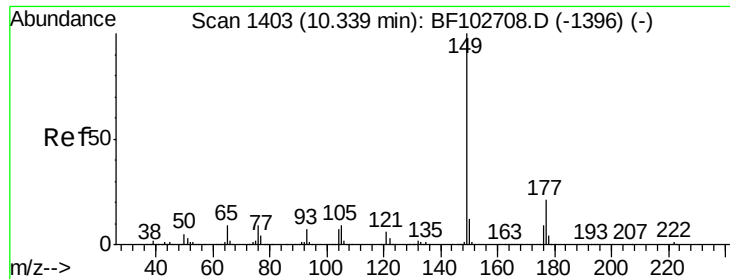
Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	232	Resp:	222093
Ion Ratio	Lower	Upper	
232	100		
131	53.0	43.8	65.8
130	2.8	2.1	3.1
166	29.7	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





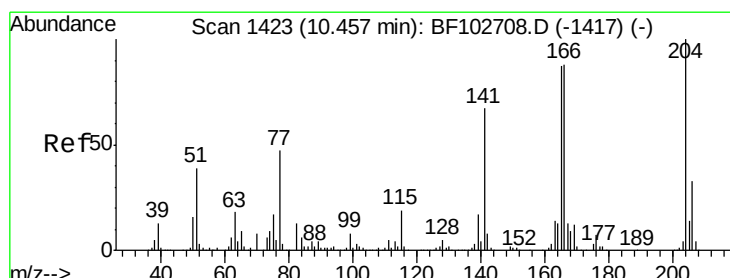
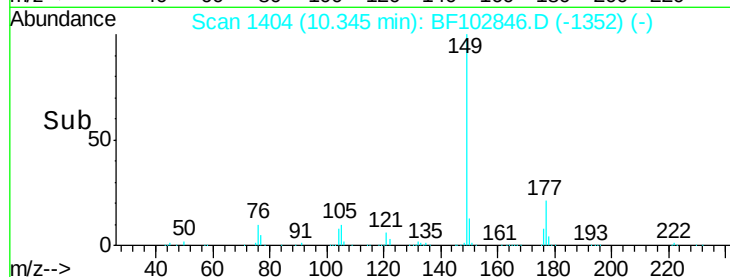
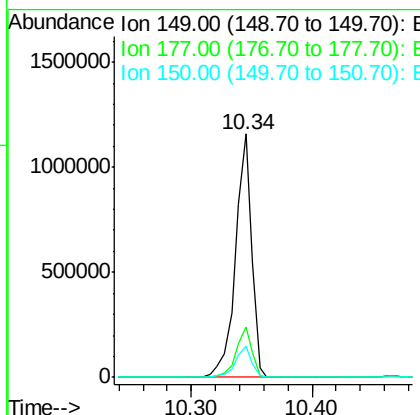
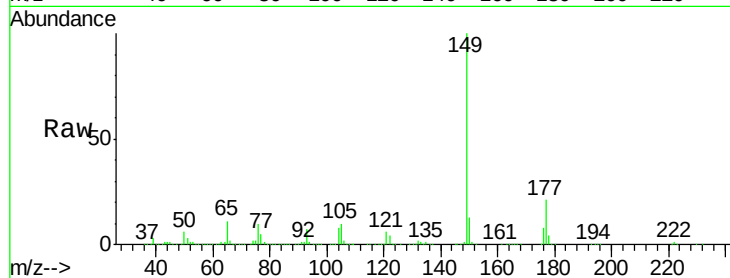
#59
Diethylphthalate
Concen: 39.881 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion:149 Resp: 1081428
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.8 10.1 15.1

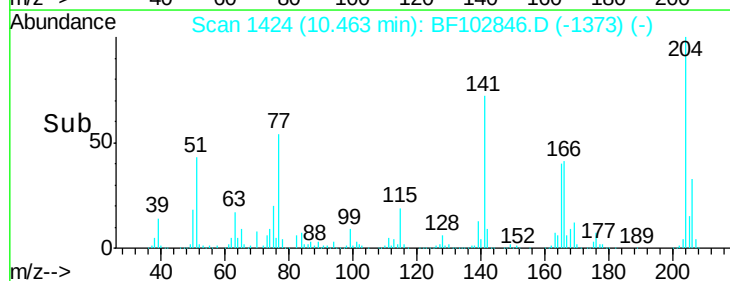
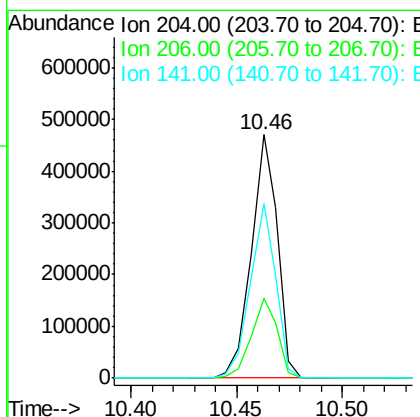
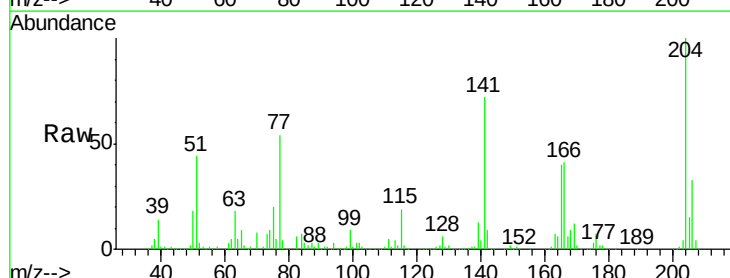
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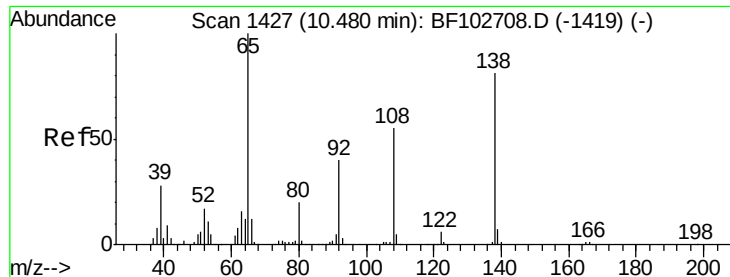
Sohil
2/9/2018 4:33:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.925 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:204 Resp: 402685
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 71.6 54.6 81.8





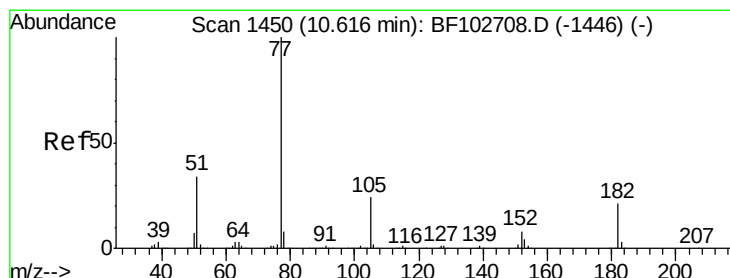
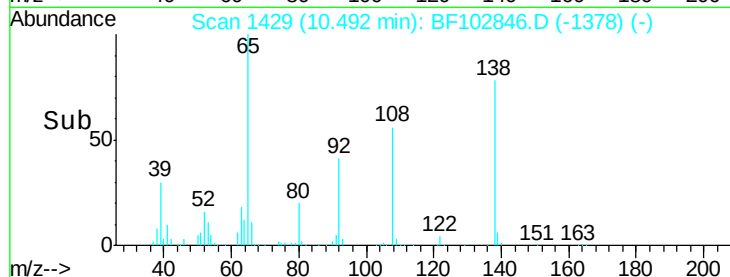
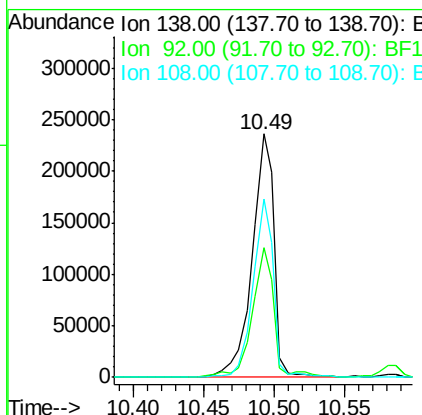
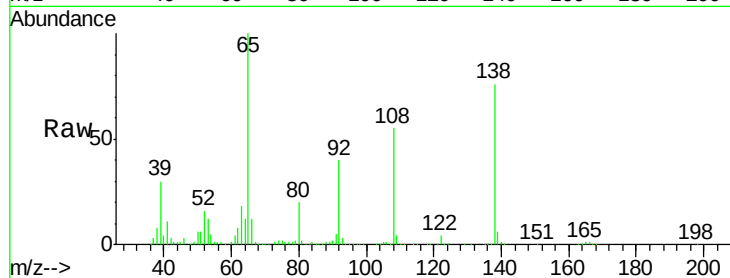
#61
4-Nitroaniline
Concen: 42.339 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.2	70.2
108	73.1	52.5	92.5

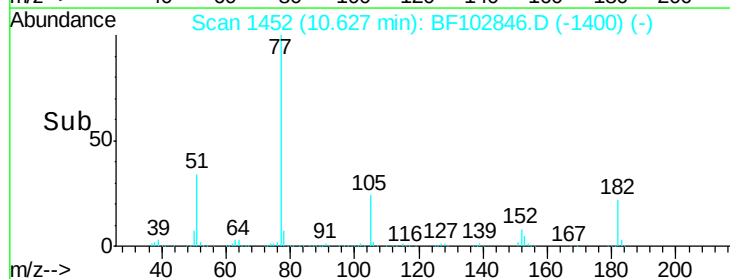
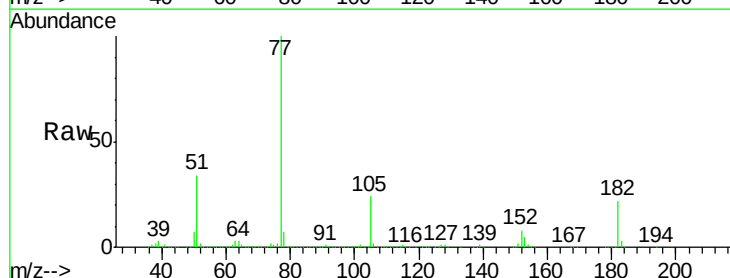
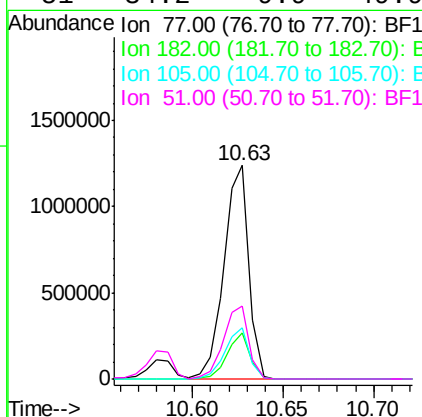
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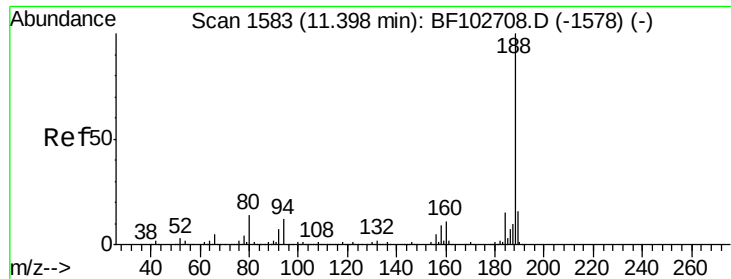
Sohil
2/9/2018 4:33:21 PM



#62
Azobenzene
Concen: 43.393 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	1.7	41.7
105	24.2	3.0	43.0
51	34.2	9.9	49.9





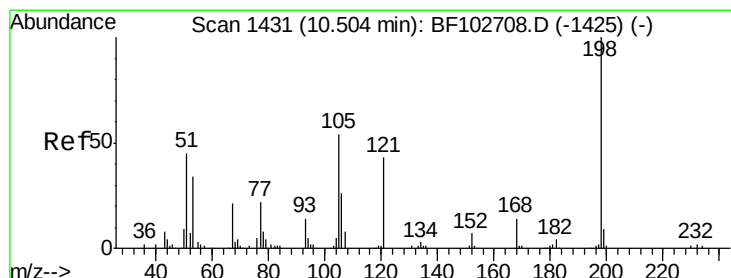
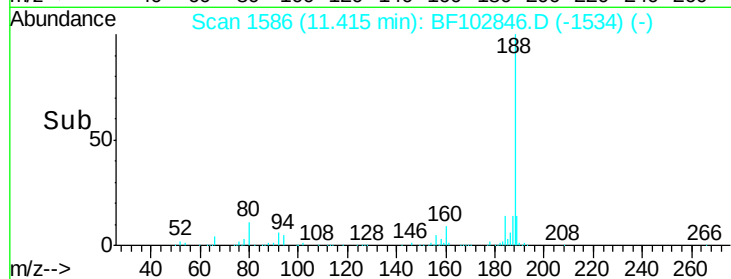
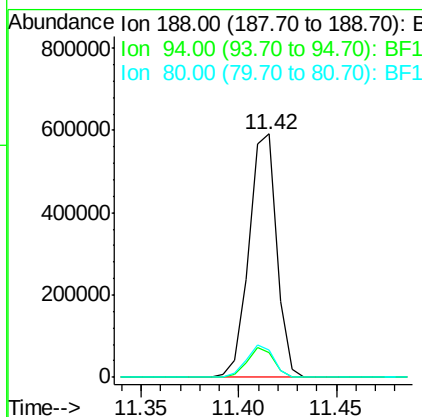
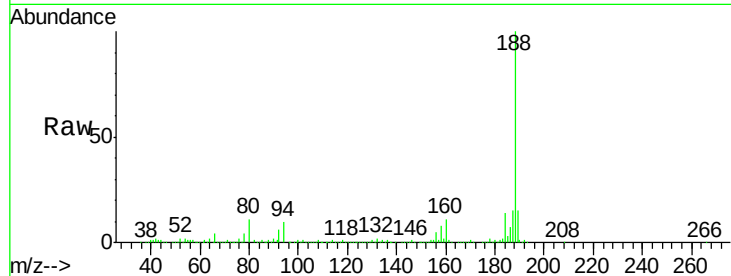
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8

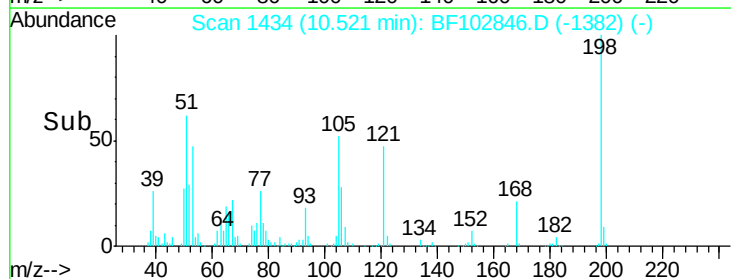
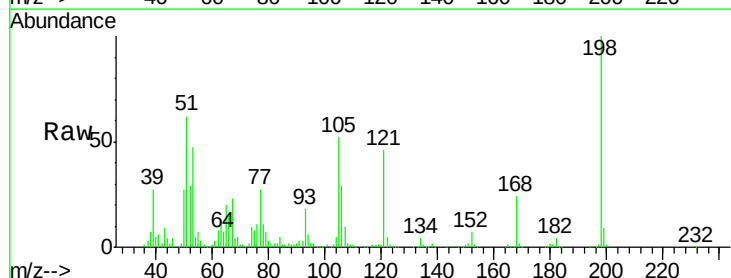
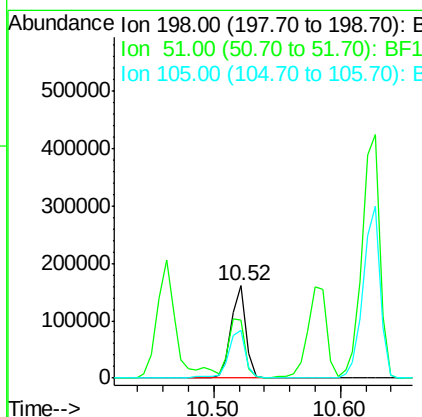
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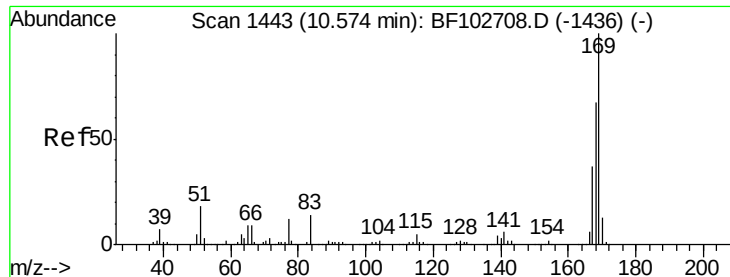
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#64
4,6-Dinitro-2-methylphenol
Concen: 51.586 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	62.4	37.7	77.7
105	52.1	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 40.532 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

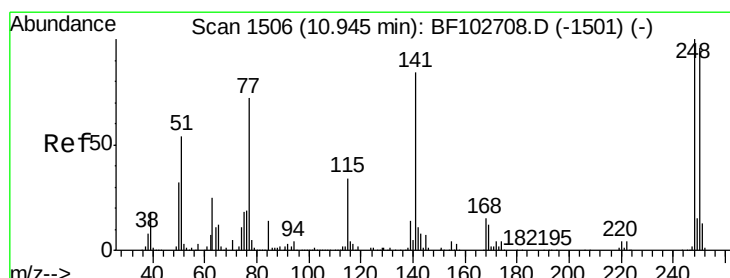
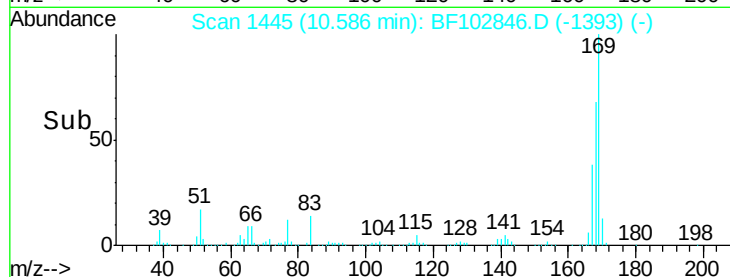
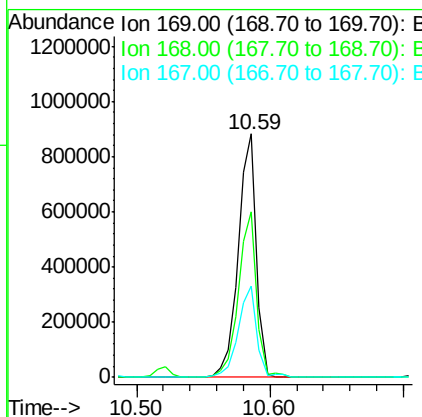
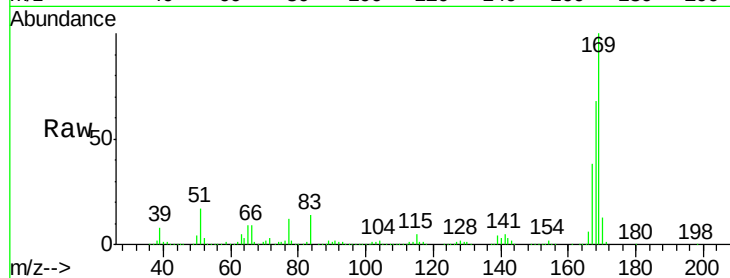
ClientSampleId :

PB106358BS

Tgt Ion:	169	Resp:	836173
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.4	81.6
167	37.6	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 40.644 ng

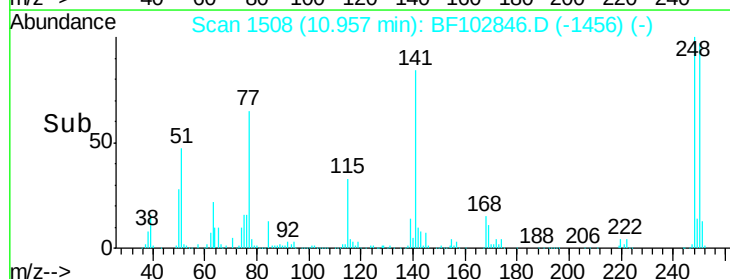
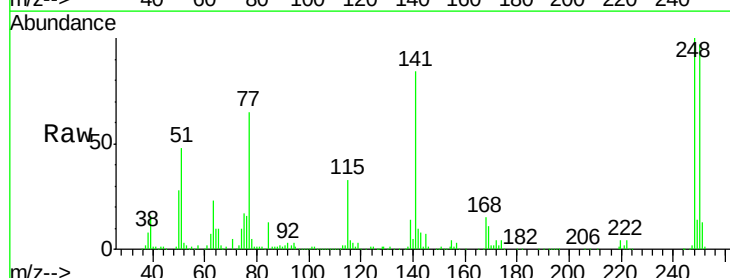
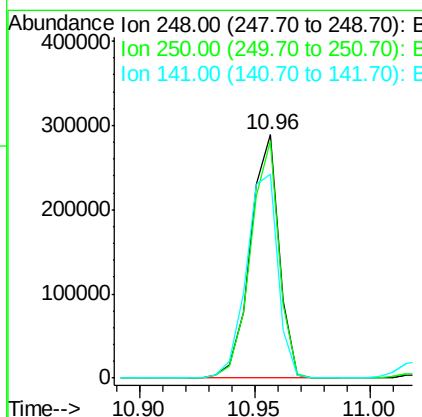
RT: 10.96 min Scan# 1508

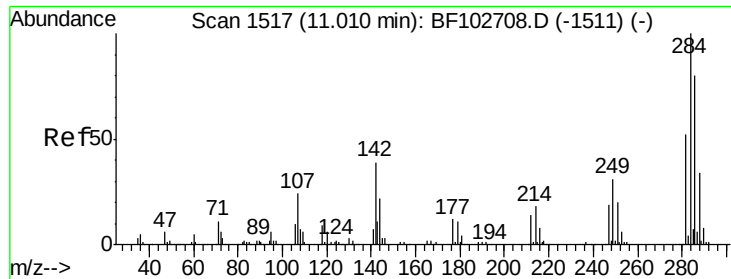
Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	248	Resp:	251452
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.9	115.3
141	83.8	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.877 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

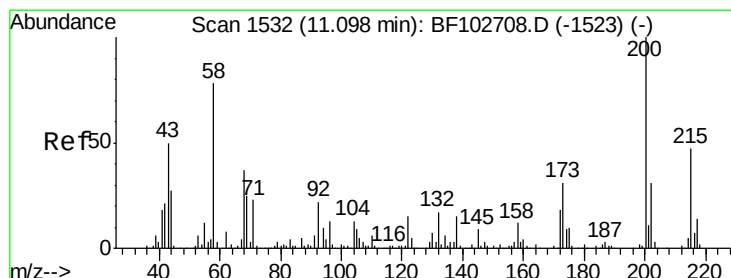
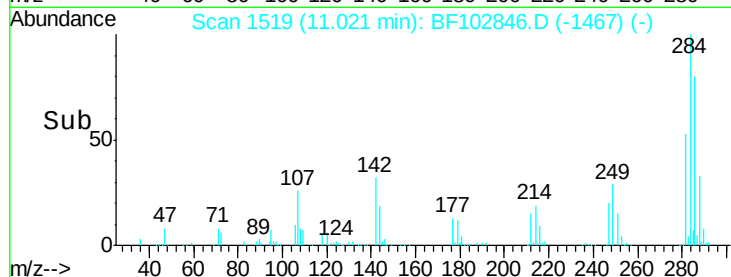
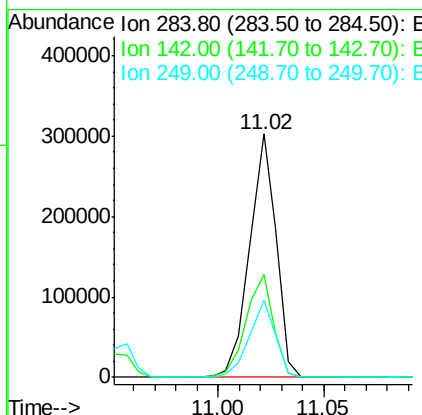
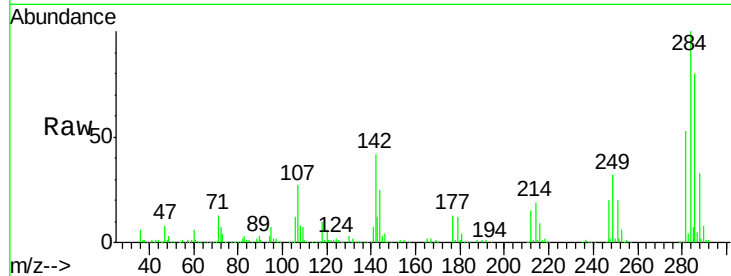
ClientSampleId :

PB106358BS

Tgt Ion:	284	Resp:	265340
Ion Ratio		Lower	Upper
284	100		
142	42.0	34.6	52.0
249	31.6	24.8	37.2

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#68

Atrazine

Concen: 42.297 ng

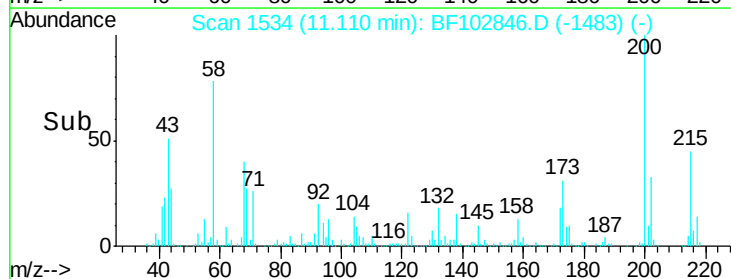
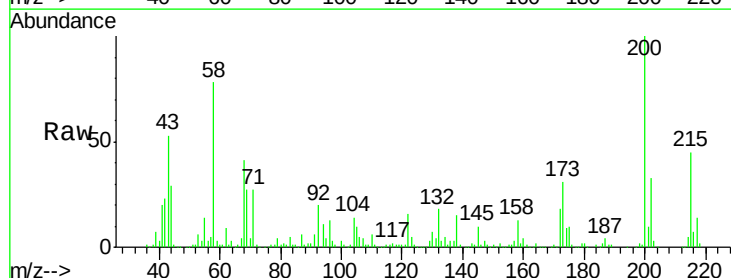
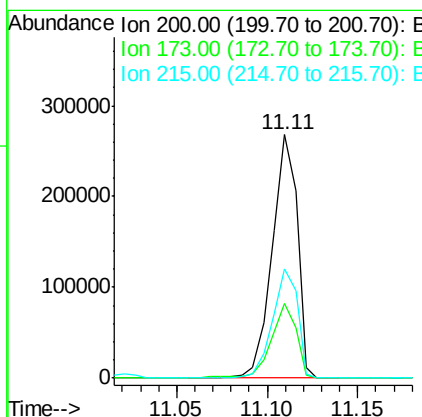
RT: 11.11 min Scan# 1534

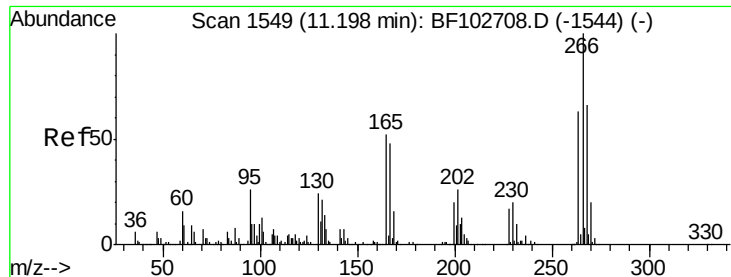
Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	200	Resp:	257422
Ion Ratio		Lower	Upper
200	100		
173	30.9	8.6	48.6
215	44.9	25.1	65.1





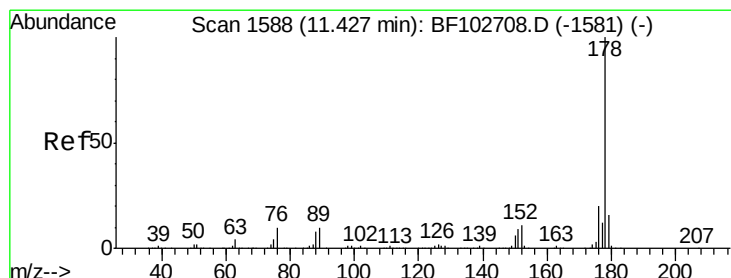
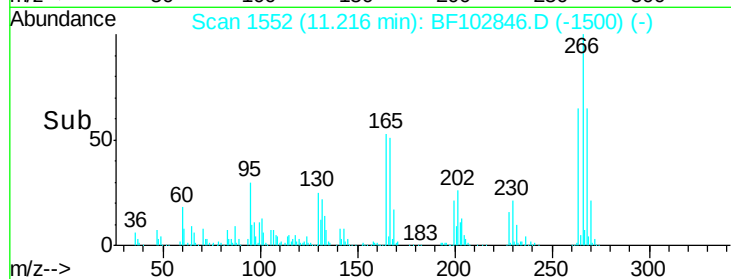
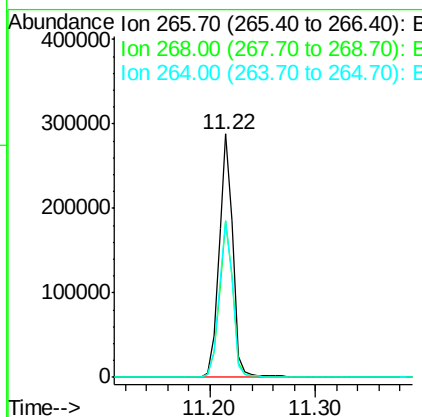
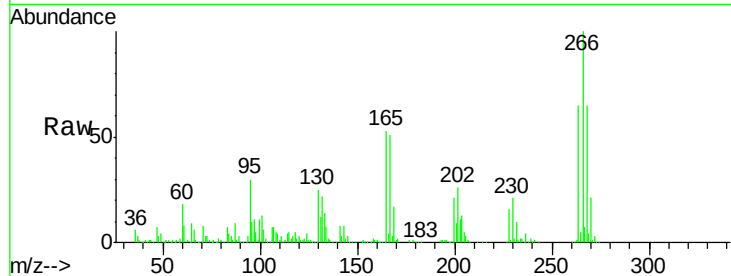
#69
 Pentachlorophenol
 Concen: 66.511 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion:	266	Resp:	266474
Ion Ratio	Lower	Upper	
266	100		
268	64.6	51.1	76.7
264	64.6	49.5	74.3

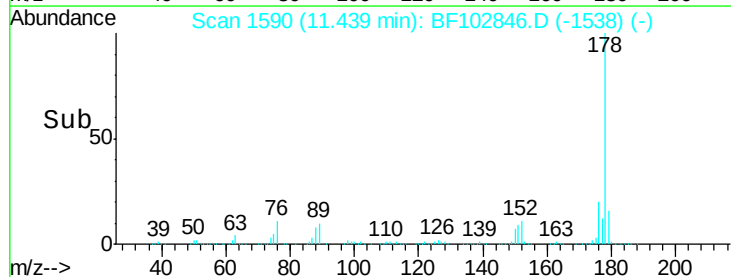
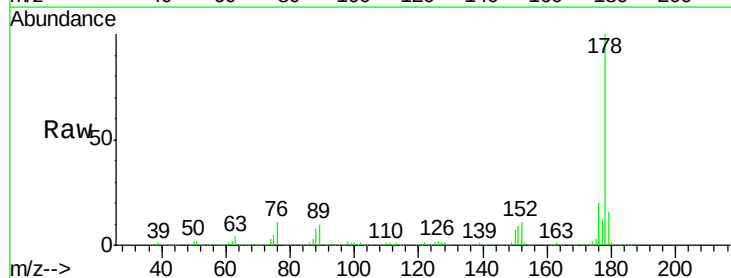
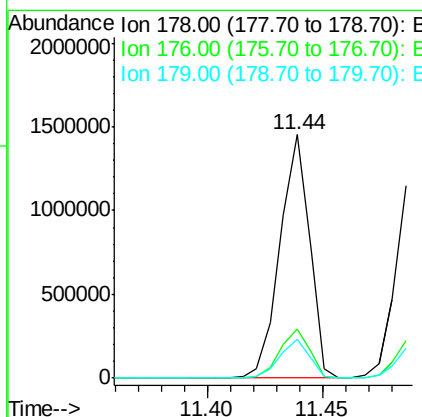
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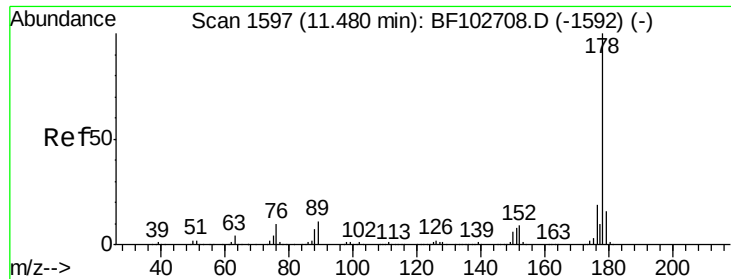
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#70
 Phenanthrene
 Concen: 39.612 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:	178	Resp:	1290264
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	16.0	13.0	19.6





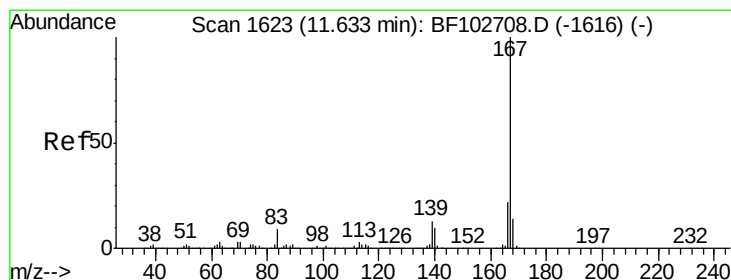
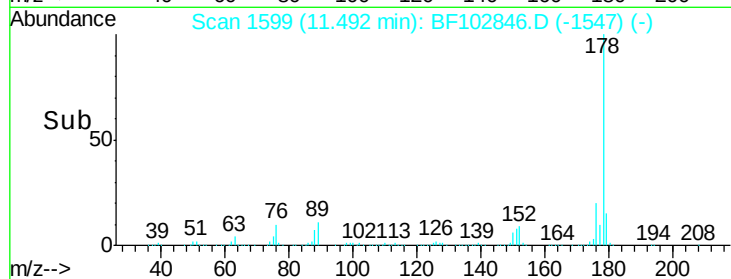
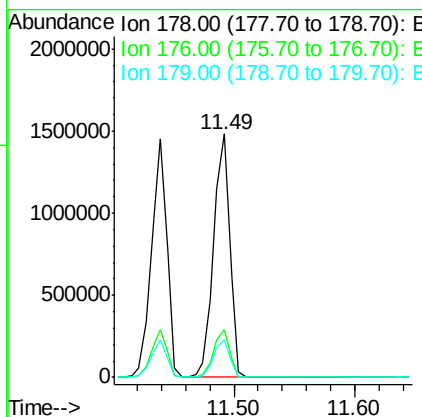
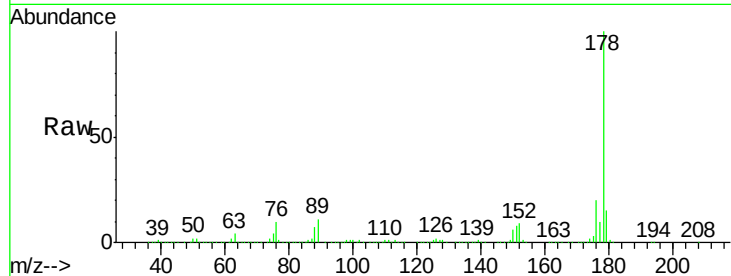
#71
 Anthracene
 Concen: 41.020 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

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

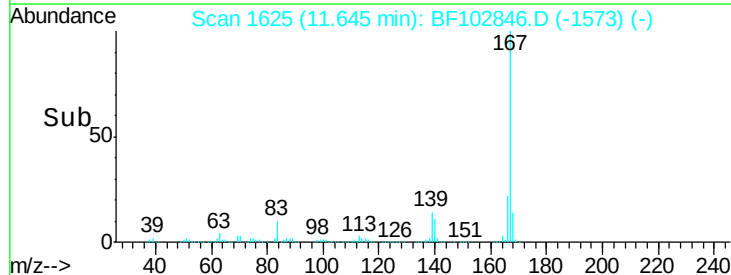
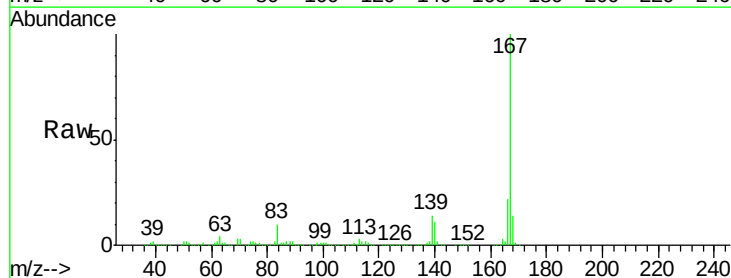
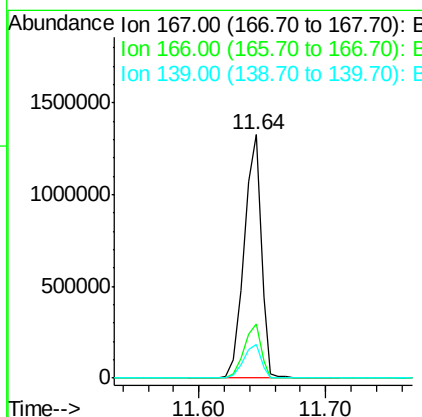
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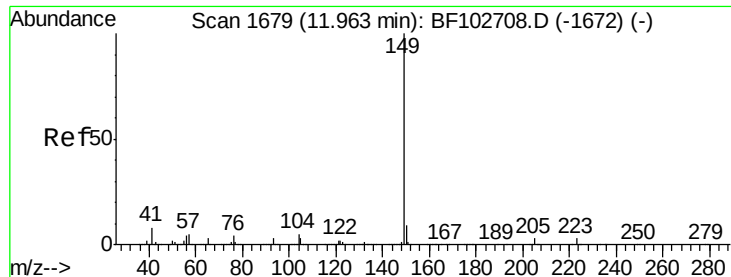
Sohil
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#72
 Carbazole
 Concen: 37.953 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.368 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

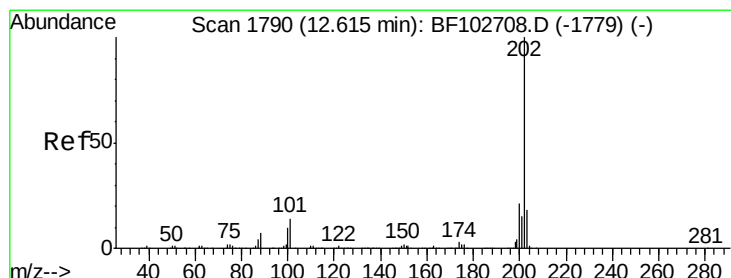
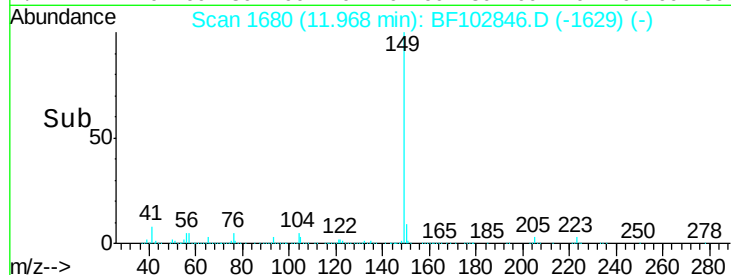
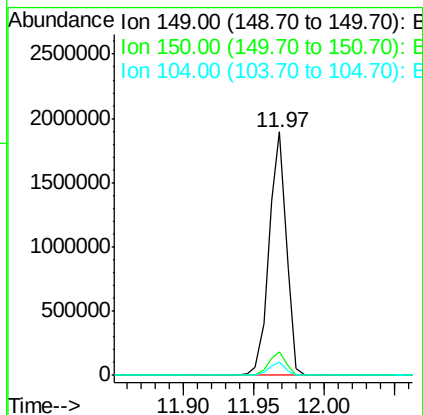
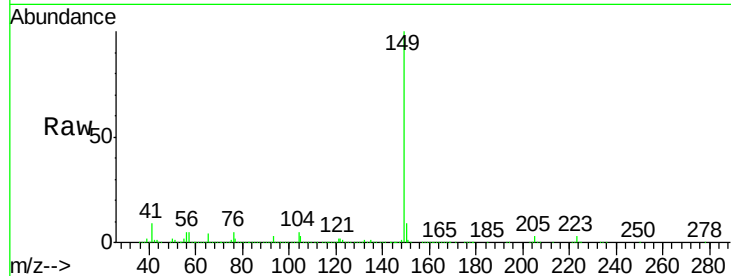
ClientSampleId :

PB106358BS

Tgt Ion:	149	Resp:	1631010
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.2	3.8	5.8

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#74

Fluoranthene

Concen: 37.997 ng

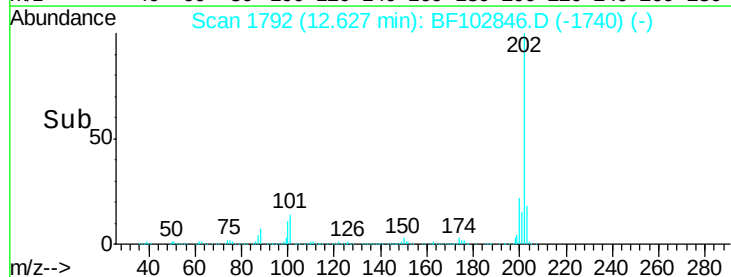
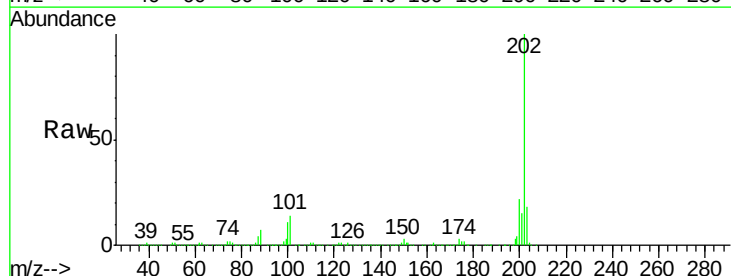
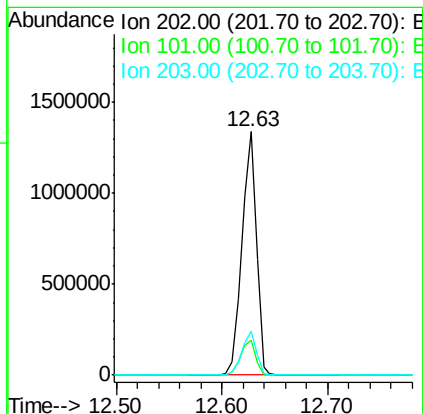
RT: 12.63 min Scan# 1792

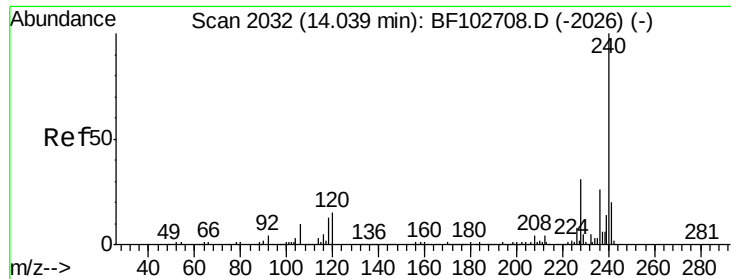
Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	202	Resp:	1245253
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

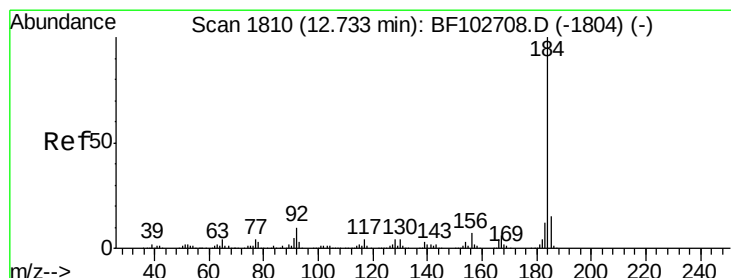
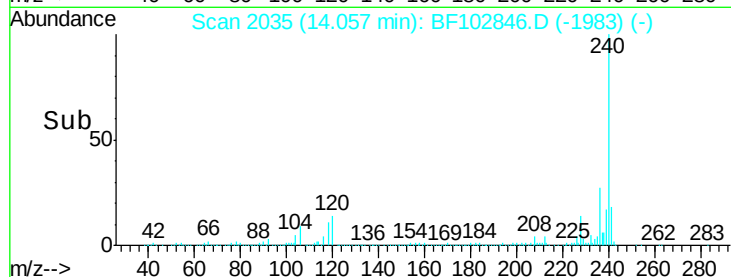
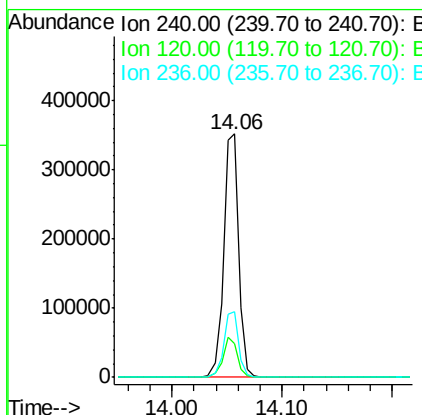
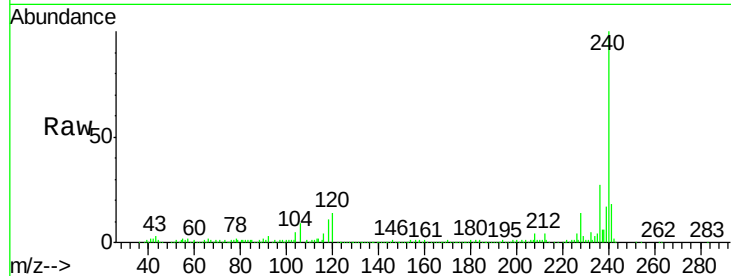
ClientSampleId :

PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	334770		
120	13.7	9.5	14.3	
236	27.0	20.7	31.1	

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#76

Benzidine

Concen: 12.899 ng

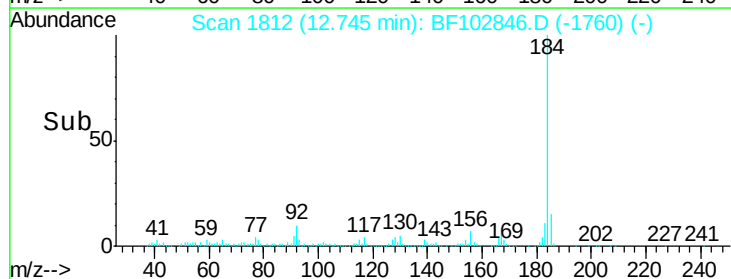
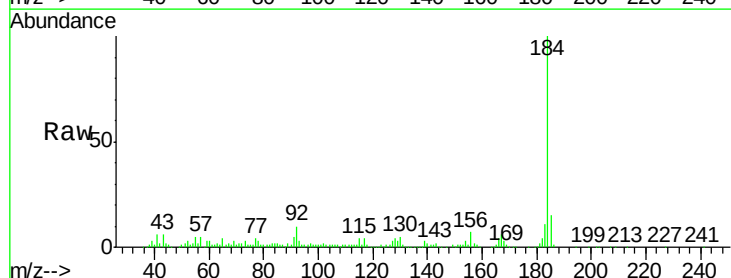
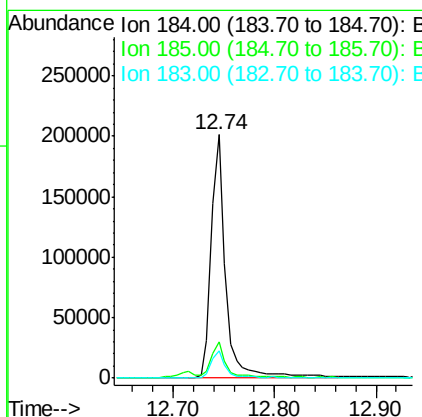
RT: 12.74 min Scan# 1812

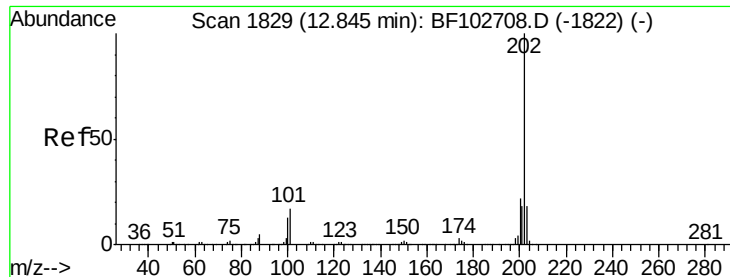
Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	198459		
185	15.0	12.6	18.8	
183	11.3	9.3	13.9	





#77

Pyrene

Concen: 47.189 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

PB106358BS

Tgt Ion:202 Resp: 1238759

Ion Ratio Lower Upper

202 100

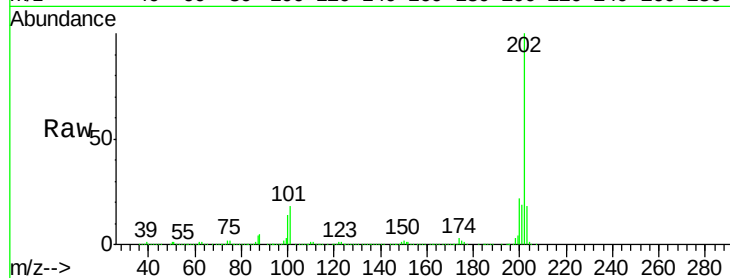
200 22.2 17.4 26.2

203 17.9 14.3 21.5

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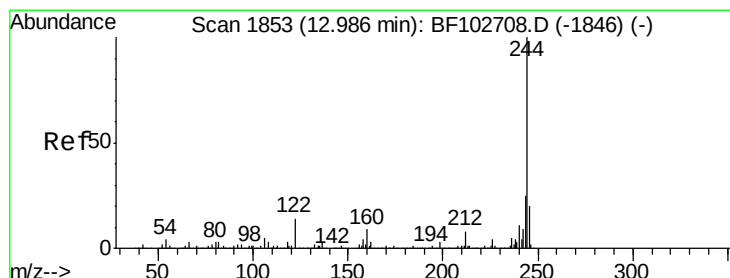
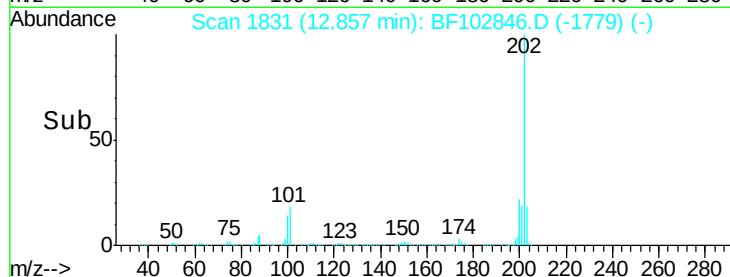
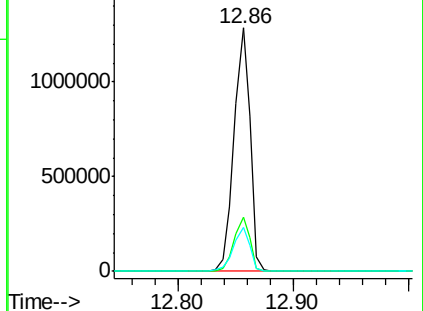
2/9/2018 4:33:21 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.803 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

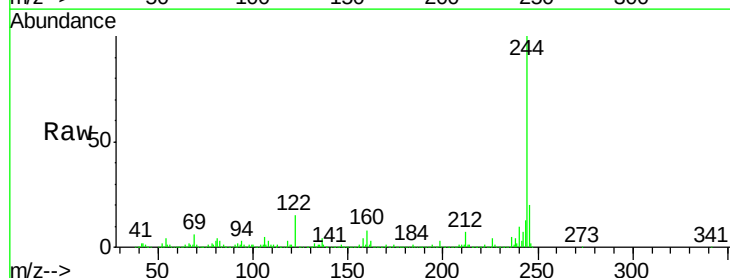
Tgt Ion:244 Resp: 1382795

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

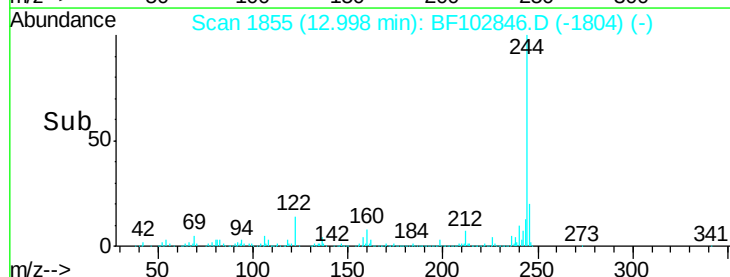
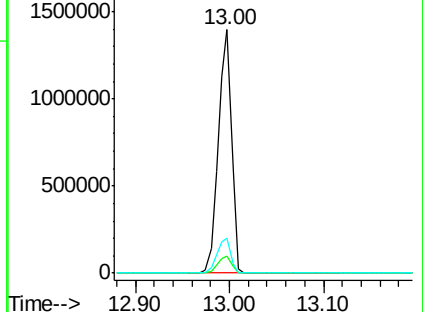
122 14.5 11.0 16.4

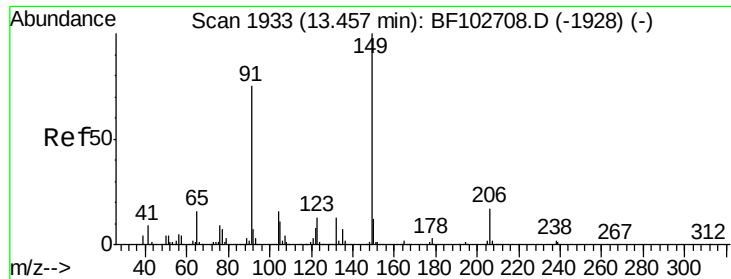


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





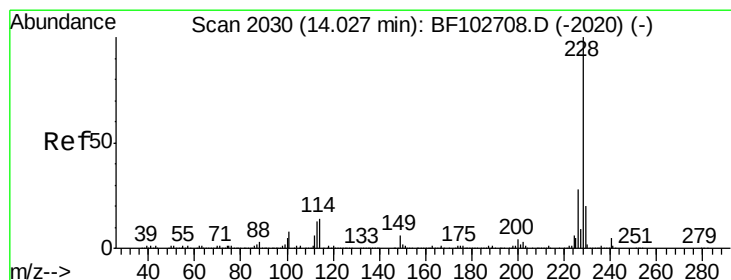
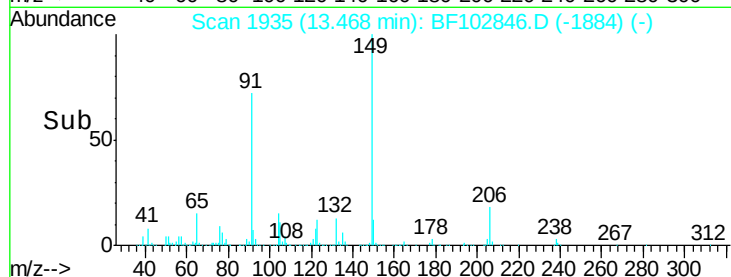
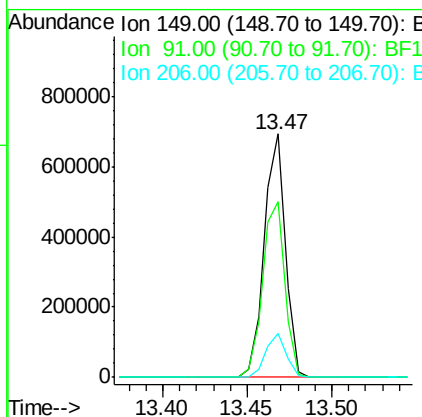
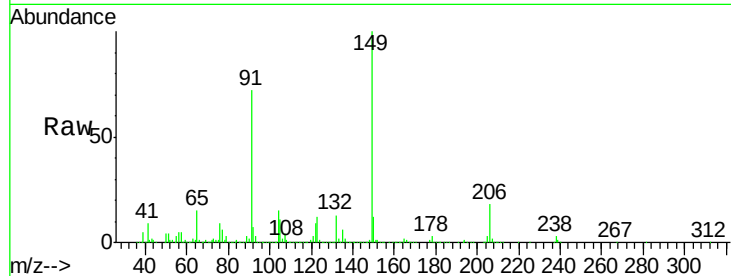
#79
Butylbenzylphthalate
Concen: 47.887 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.4	56.8	85.2
206	18.1	14.1	21.1

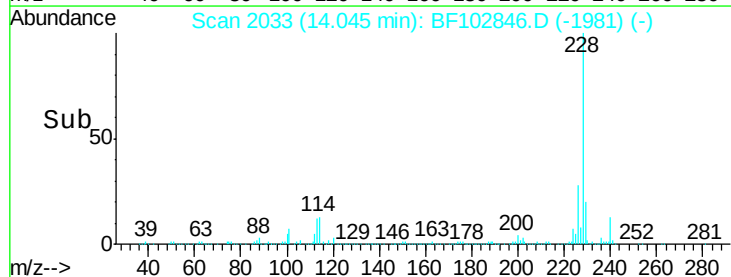
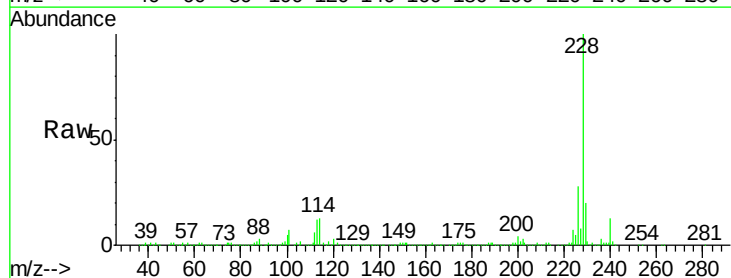
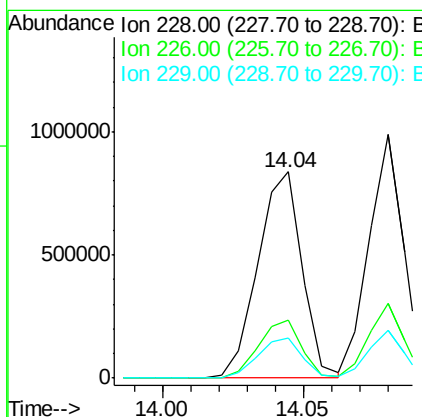
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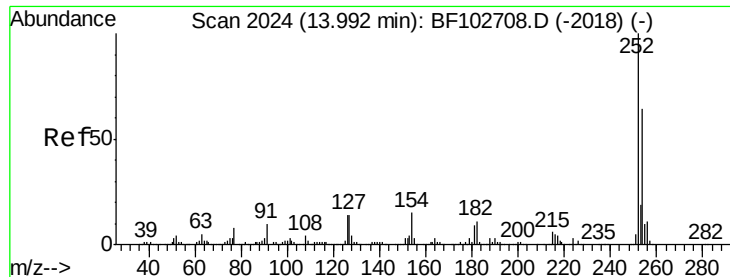
Sohil
2/9/2018 4:33:21 PM



#80
Benzo(a)anthracene
Concen: 43.250 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.6	33.8
229	19.7	15.8	23.6





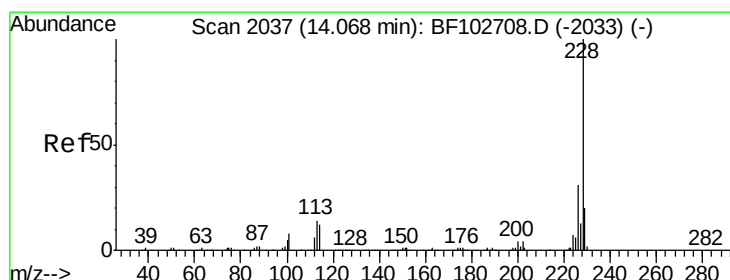
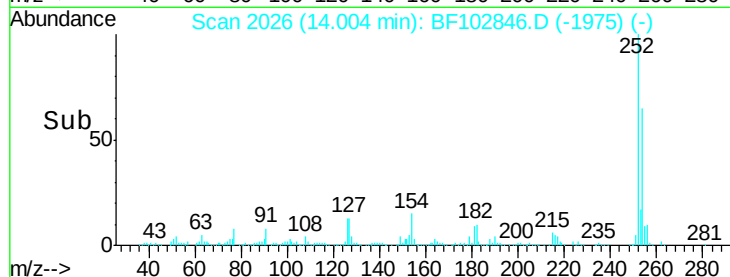
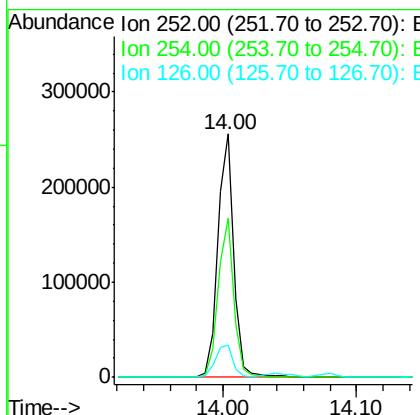
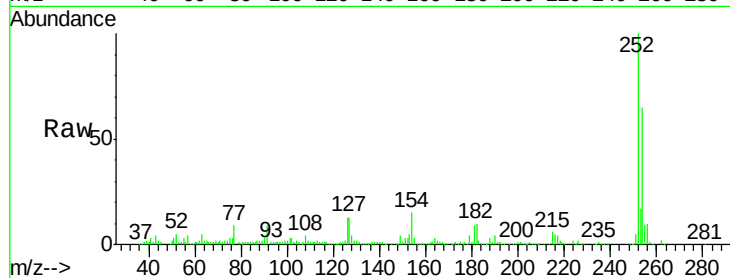
#81
 3,3'-Dichlorobenzidine
 Concen: 27.705 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	216270		
254	65.1	50.4	75.6	
126	13.3	11.3	16.9	

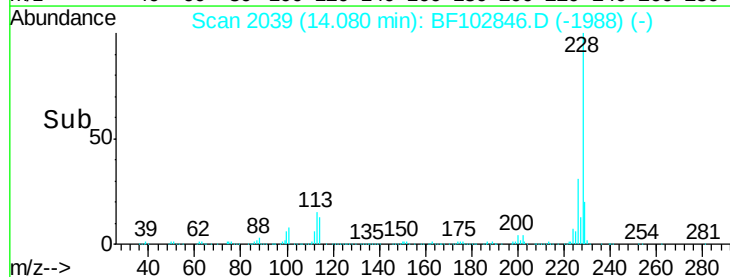
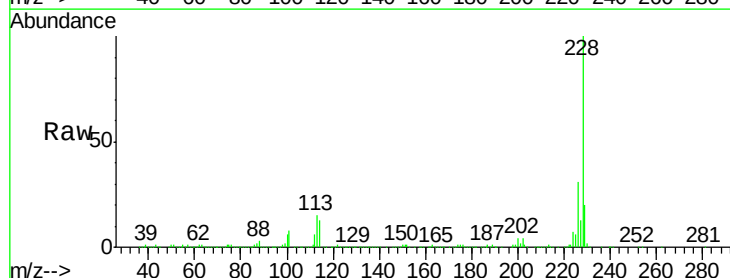
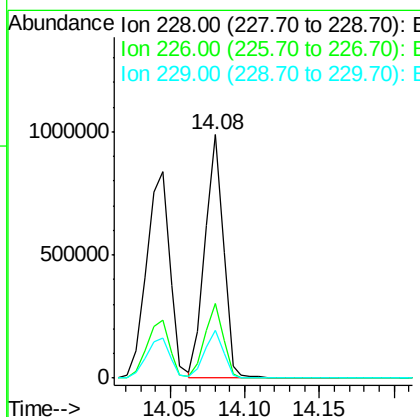
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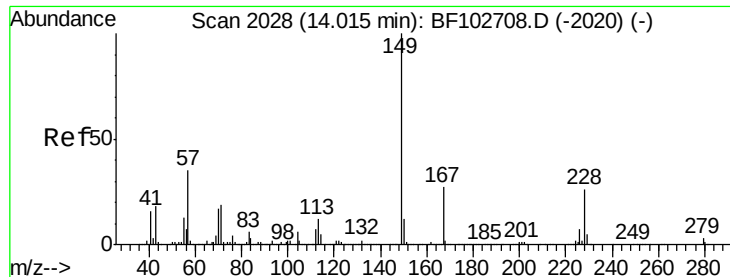
Sohil
 2/9/2018 4:33:21 PM



#82
 Chrysene
 Concen: 39.592 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	840268		
226	30.5	25.0	37.6	
229	19.8	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.871 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

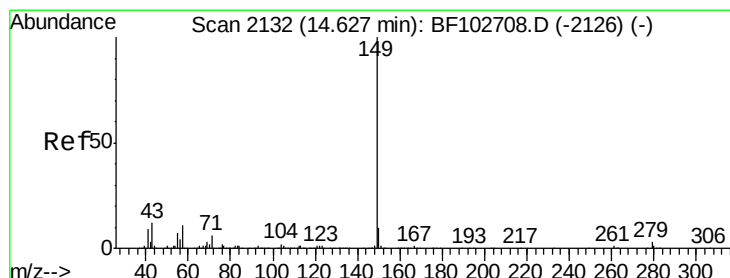
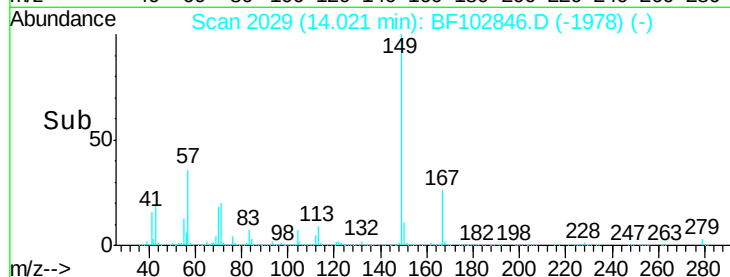
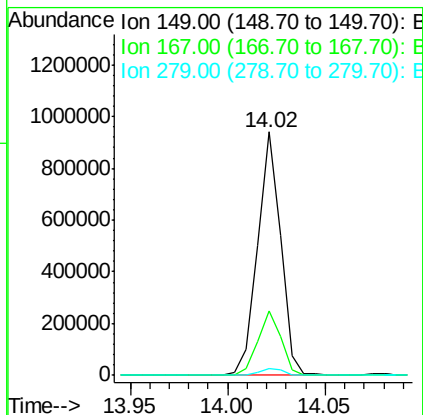
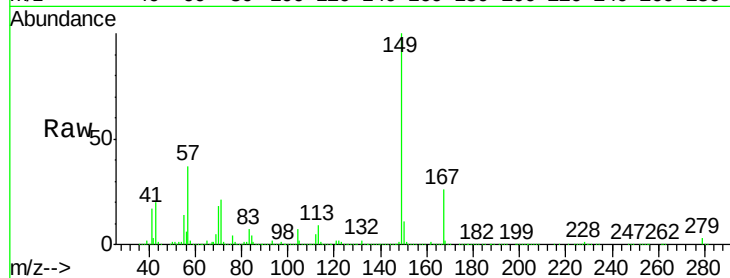
ClientSampleId :

PB106358BS

Tgt Ion:	149	Resp:	769823
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	2.7	3.0	4.4#

Manual Integrations
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2/9/2018 4:33:21 PM



#84

Di-n-octyl phthalate

Concen: 46.975 ng

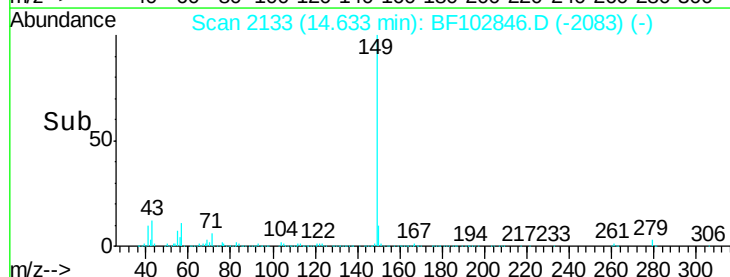
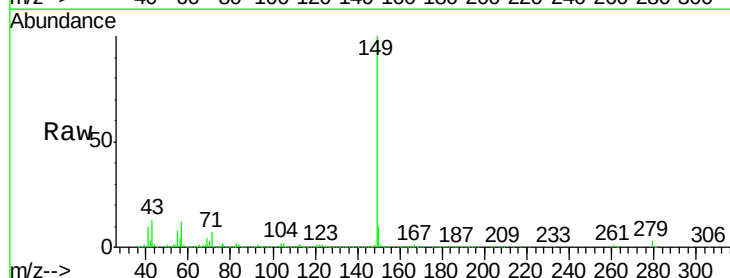
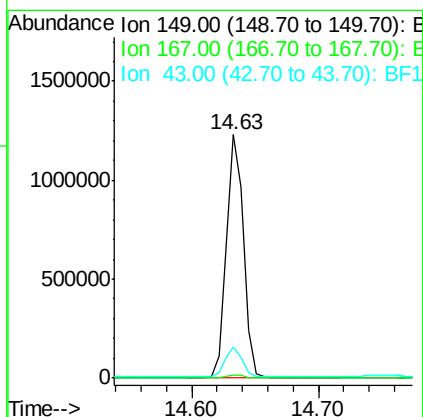
RT: 14.63 min Scan# 2133

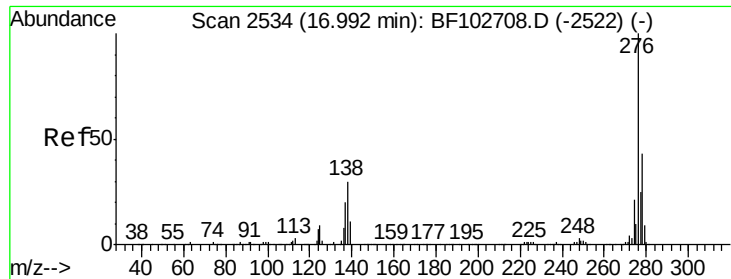
Delta R.T. -0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:	149	Resp:	1134283
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.0	8.4	12.6





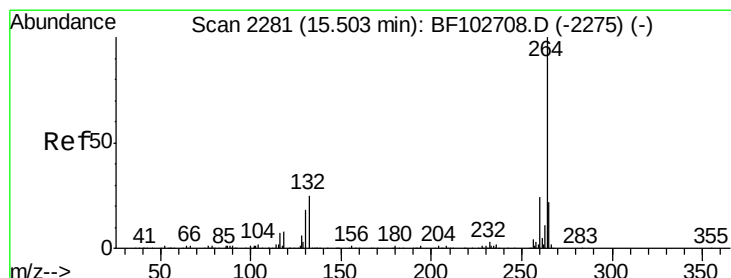
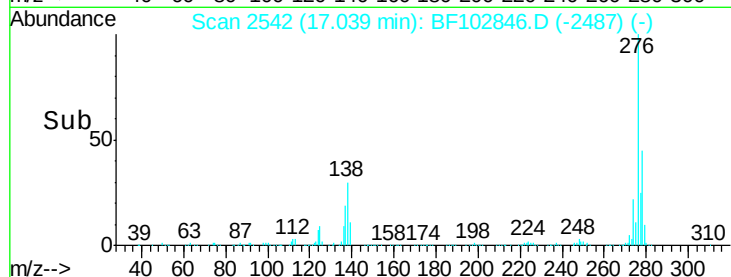
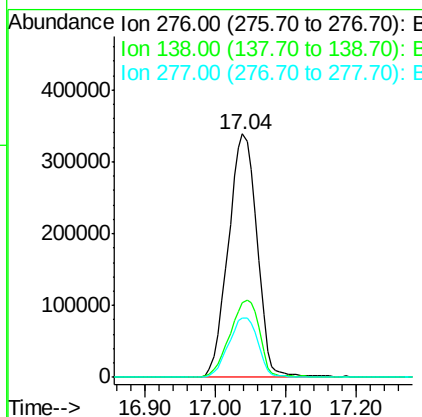
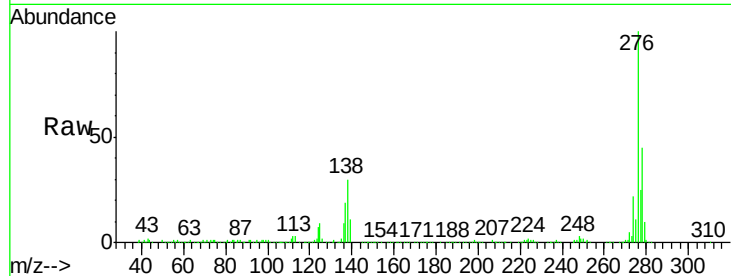
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.492 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.02 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	959180		
138	32.6	25.0	37.6	
277	25.1	20.1	30.1	

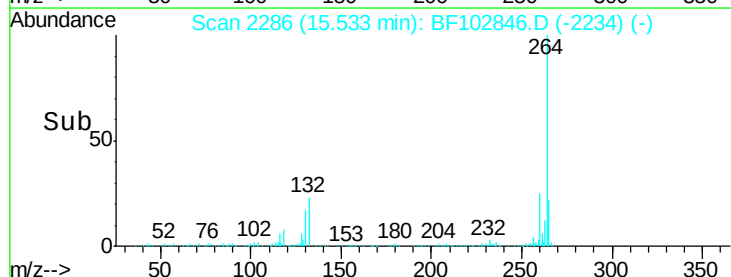
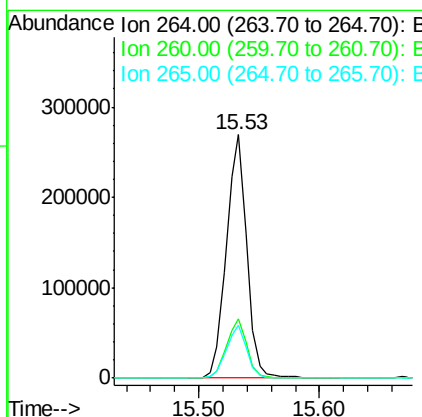
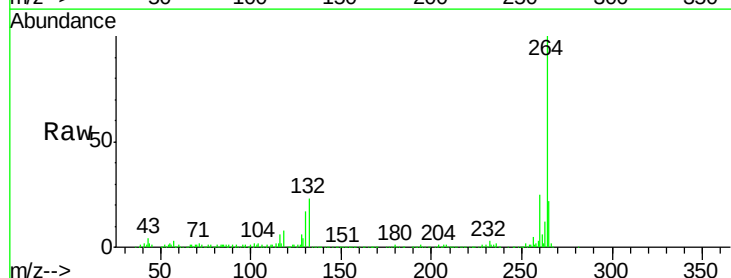
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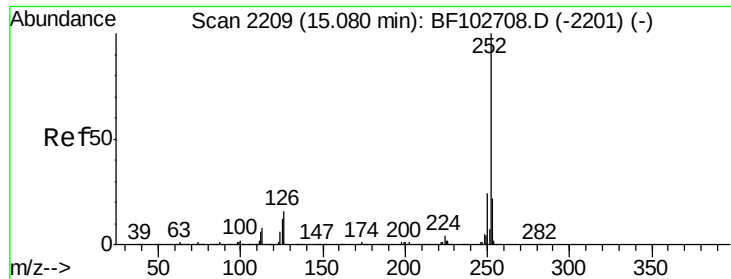
Sohil
 2/9/2018 4:33:21 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	315496		
260	24.6	19.2	28.8	
265	21.6	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 38.063 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

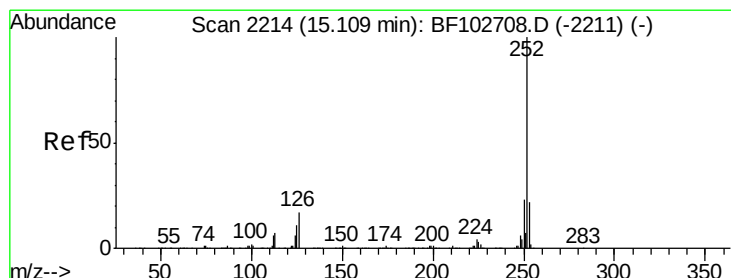
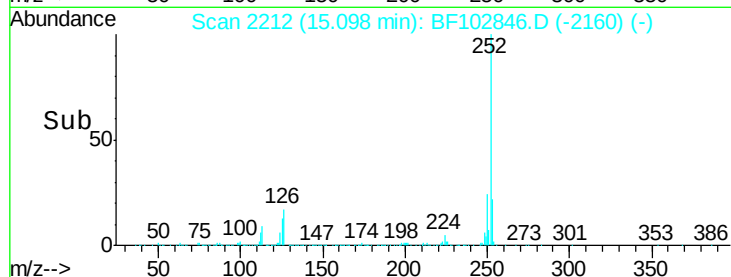
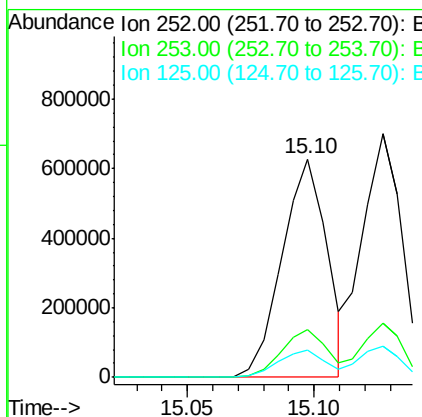
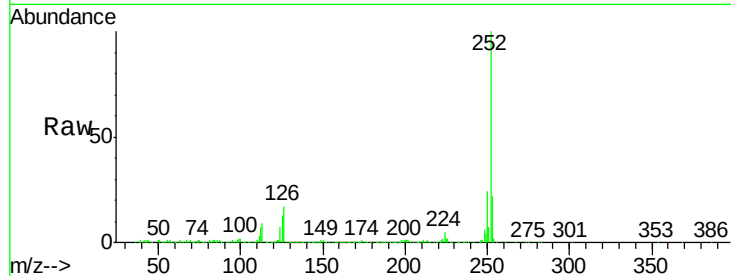
ClientSampleId :

PB106358BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.7	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.603 ng

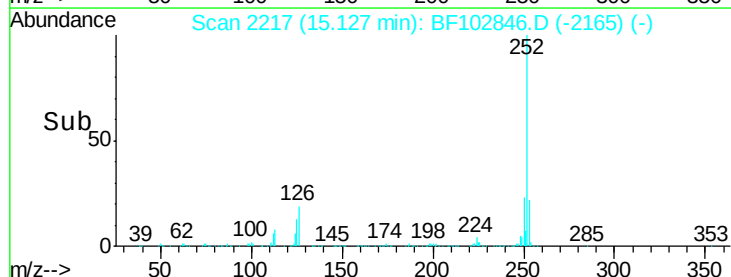
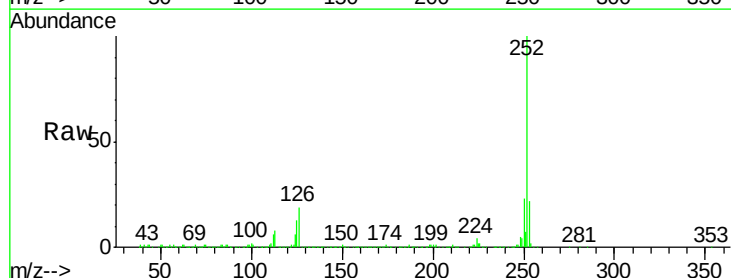
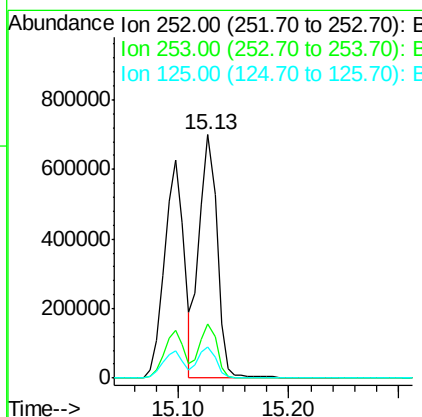
RT: 15.13 min Scan# 2217

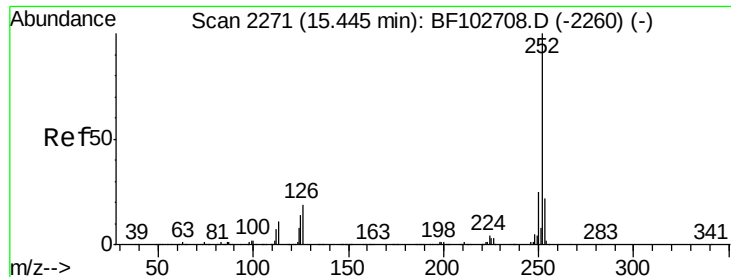
Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.8	10.2	15.2





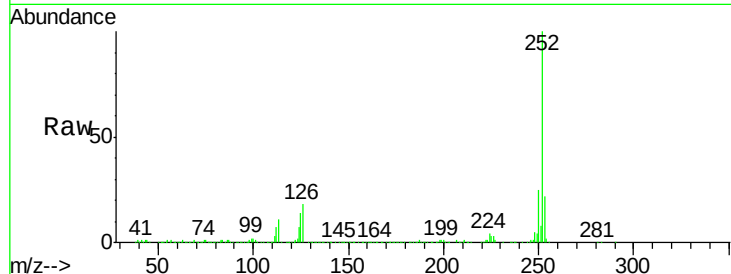
#89
Benzo(a)pyrene
Concen: 41.953 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB106358BS

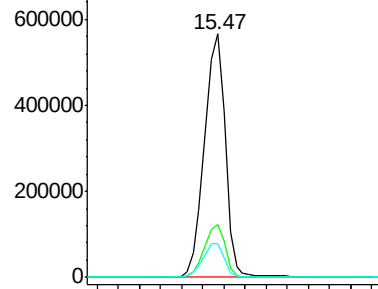
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.8	9.8	14.6

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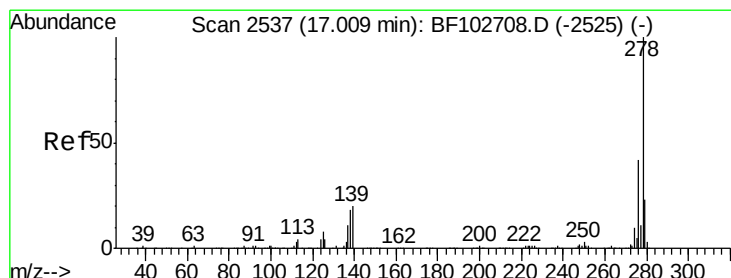
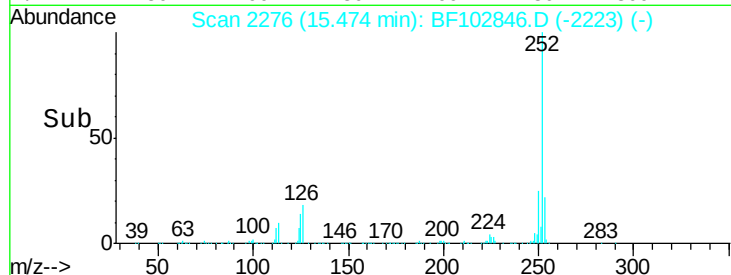
Sohil
2/9/2018 4:33:21 PM



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



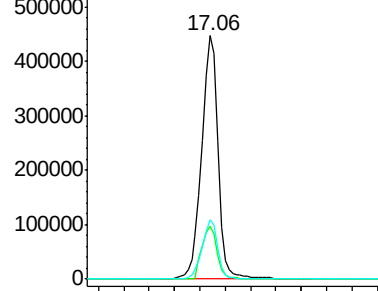
Time-->



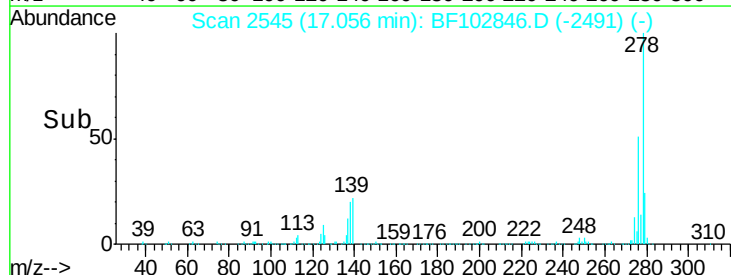
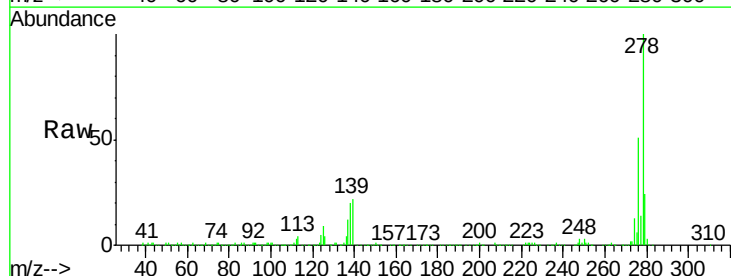
#90
Dibenzo(a,h)anthracene
Concen: 53.298 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

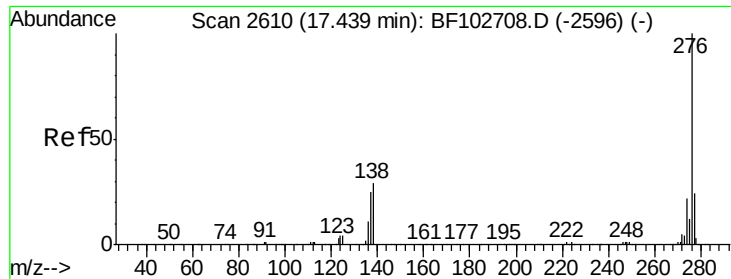
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	24.4	19.0	28.4

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



Time-->





#91
 Benzo(g,h,i)perylene
 Concen: 57.908 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. 0.02 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BS

Tgt	Ion	276	Resp:	847045
Ion	Ratio	Lower	Upper	
276	100			
277	23.6	17.9	26.9	
138	27.8	21.8	32.8	

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 2/9/2018 4:33:21 PM

