

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103091.D
 Acq On : 19 Feb 2018 19:11
 Operator : SJ/JU
 Sample : PB106657BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:44 AM

Quant Time: Feb 20 00:52:49 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176320	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	718043	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	313488	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	499293	20.00	ng	0.00
75) Chrysene-d12	14.05	240	273743	20.00	ng	0.00
86) Perylene-d12	15.54	264	306957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1309645	112.80	ng	0.02
7) Phenol-d6	6.52	99	1588247	113.61	ng	0.01
23) Nitrobenzene-d5	7.45	82	1034108	99.91	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	307122	121.72	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1571885	83.20	ng	0.00
78) Terphenyl-d14	12.99	244	1163085	100.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	207245	36.140	ng	87
3) Pyridine	3.52	79	602310	38.016	ng	90
4) n-Nitrosodimethylamine	3.47	42	286293	42.234	ng	100
6) Aniline	6.55	93	439670	21.297	ng	95
8) 2-Chlorophenol	6.67	128	491684	41.136	ng	97
9) Benzaldehyde	6.43	77	89232	8.595	ng	98
10) Phenol	6.53	94	604792	40.369	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	487630	39.116	ng	93
12) 1,3-Dichlorobenzene	6.82	146	518192	37.437	ng	96
13) 1,4-Dichlorobenzene	6.89	146	517554	37.536	ng	99
14) 1,2-Dichlorobenzene	7.05	146	476532	37.106	ng	98
15) Benzyl Alcohol	7.02	79	421945	39.259	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	835494	35.281	ng	99
17) 2-Methylphenol	7.13	107	428891	38.900	ng	98
18) Hexachloroethane	7.39	117	189061	39.987	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	324355	35.191	ng	97
20) 3+4-Methylphenols	7.29	107	481789	35.435	ng	# 67
22) Acetophenone	7.29	105	637986	36.309	ng	# 89
24) Nitrobenzene	7.46	77	537049	44.108	ng	97
25) Isophorone	7.70	82	986708	41.398	ng	99
26) 2-Nitrophenol	7.78	139	284504	55.275	ng	94
27) 2,4-Dimethylphenol	7.82	122	442769	43.971	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	612883	43.408	ng	99
29) 2,4-Dichlorophenol	8.02	162	406699	44.429	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	398635	38.495	ng	99
31) Naphthalene	8.19	128	1355179	38.629	ng	99
32) Benzoic acid	7.95	122	301603	43.950	ng	96
33) 4-Chloroaniline	8.23	127	118054	7.811	ng	99
34) Hexachlorobutadiene	8.29	225	200068	37.703	ng	99
35) Caprolactam	8.61	113	144136m	45.340	ng	
36) 4-Chloro-3-methylphenol	8.72	107	451483	43.897	ng	98
37) 2-Methylnaphthalene	8.87	142	903958	39.356	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	351293	41.156	ng	99
40) Hexachlorocyclopentadiene	9.02	237	168517	41.530	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	250501	44.681	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	268809	42.539	ng	96
45) 1,1'-Biphenyl	9.34	154	1029451	38.988	ng	100
46) 2-Chloronaphthalene	9.37	162	827128	39.790	ng	97
47) 2-Nitroaniline	9.46	65	307470	47.939	ng	90
48) Acenaphthylene	9.78	152	1237551	38.331	ng	100
49) Dimethylphthalate	9.64	163	987087	40.383	ng	100
50) 2,6-Dinitrotoluene	9.70	165	219668	47.237	ng	96
51) Acenaphthene	9.95	154	707292	36.632	ng	98
52) 3-Nitroaniline	9.87	138	154724	27.040	ng	96
53) 2,4-Dinitrophenol	9.99	184	157930	91.584	ng	# 19
54) Dibenzofuran	10.13	168	1074303	39.481	ng	99
55) 4-Nitrophenol	10.05	139	333743	71.428	ng	94
56) 2,4-Dinitrotoluene	10.11	165	286967	46.139	ng	96
57) Fluorene	10.47	166	810882	40.959	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	192688	43.996	ng	99
59) Diethylphthalate	10.33	149	941910	39.026	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	364704	41.643	ng	100
61) 4-Nitroaniline	10.49	138	237252	43.560	ng	94
62) Azobenzene	10.62	77	942151	39.075	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	108493	51.055	ng	94
65) n-Nitrosodiphenylamine	10.58	169	738899	41.955	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	223754	42.365	ng	98
67) Hexachlorobenzene	11.02	284	231784	39.780	ng	97
68) Atrazine	11.10	200	222032	42.735	ng	96
69) Pentachlorophenol	11.22	266	211186	61.745	ng	99
70) Phenanthrene	11.43	178	1098900	39.518	ng	99
71) Anthracene	11.49	178	1120331	39.612	ng	99
72) Carbazole	11.64	167	1049772	37.887	ng	99
73) Di-n-butylphthalate	11.96	149	1391690	41.348	ng	100
74) Fluoranthene	12.62	202	950241	33.965	ng	99
76) Benzidine	12.74	184	425264	33.801	ng	98
77) Pyrene	12.85	202	936830	43.643	ng	100
79) Butylbenzylphthalate	13.46	149	490917	47.815	ng	98
80) Benzo(a)anthracene	14.04	228	733115	42.584	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	231583	36.280	ng	100
82) Chrysene	14.08	228	706641	40.718	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	664997	50.571	ng	99
84) Di-n-octyl phthalate	14.63	149	1089556	55.183	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	726680	50.487	ng	98
87) Benzo(b)fluoranthene	15.10	252	783918	39.391	ng	97
88) Benzo(k)fluoranthene	15.14	252	719528	37.839	ng	98
89) Benzo(a)pyrene	15.48	252	751096	41.929	ng	96
90) Dibenzo(a,h)anthracene	17.07	278	614183	42.242	ng	98
91) Benzo(g,h,i)perylene	17.52	276	582382	40.922	ng	97

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

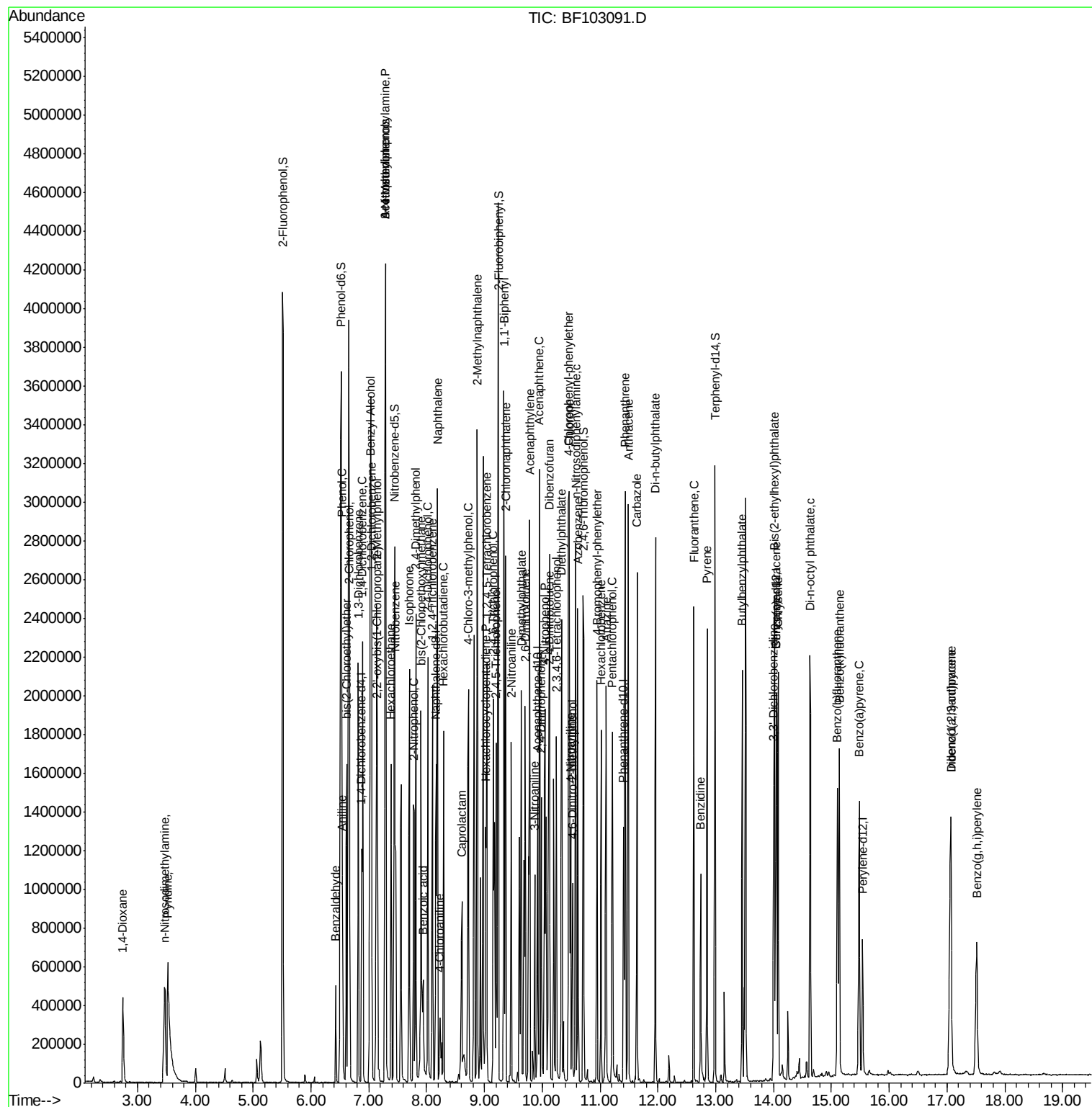
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
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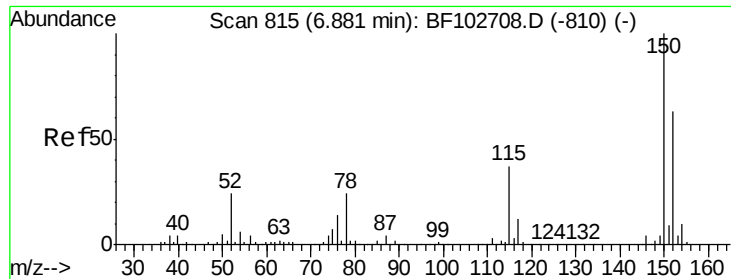
Instrument :
 BNA_F
 ClientSampled :
 PB106657BS

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#1

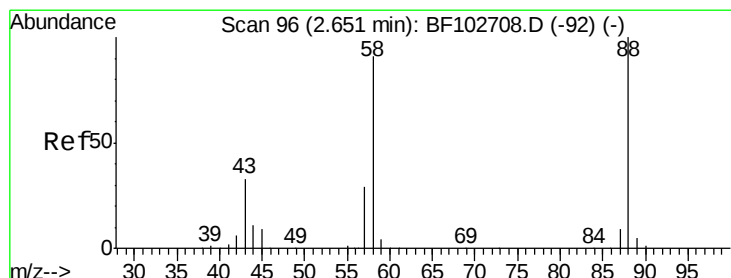
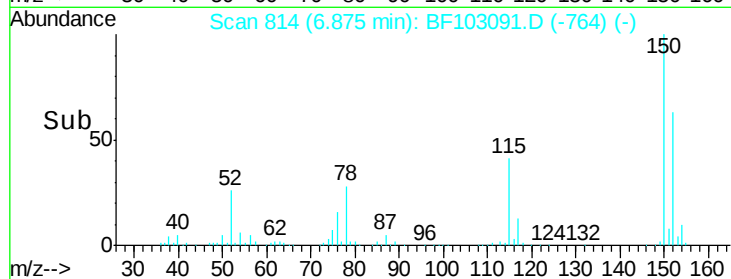
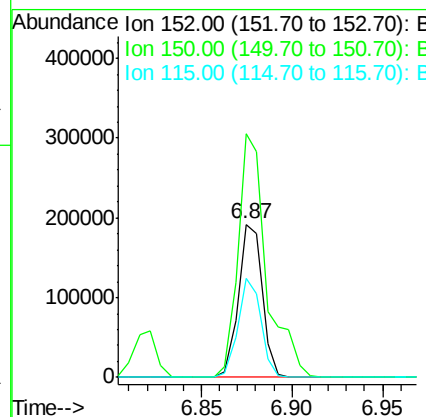
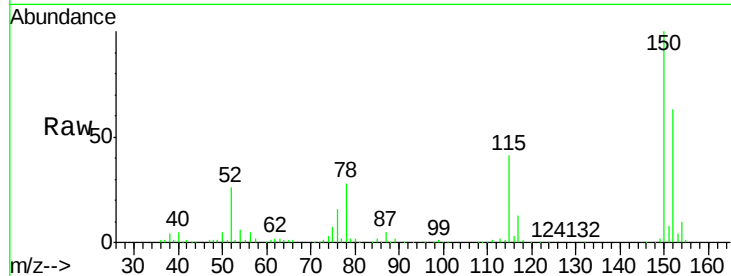
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	64.8	50.1	75.1

Manual Integrations
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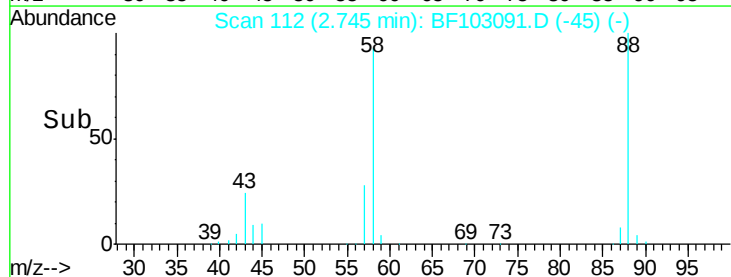
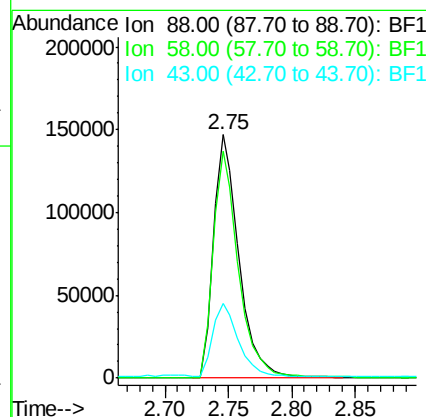
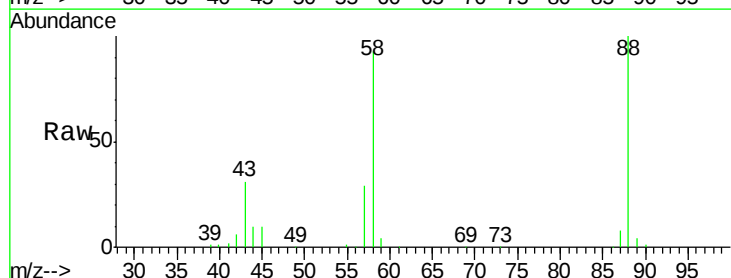
Sohil
2/20/2018 10:20:44 AM

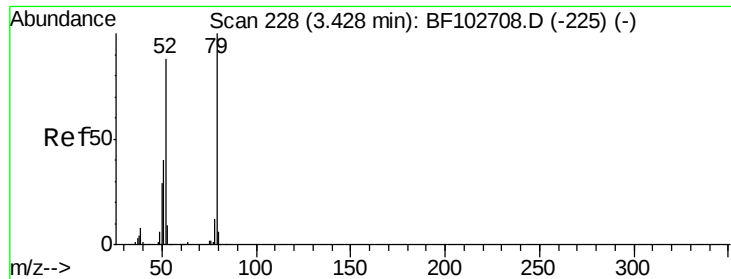


#2

1,4-Dioxane
Concen: 36.140 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.09 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	62.6	93.8
43	30.3	24.6	37.0





#3

Pyridine

Concen: 38.016 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

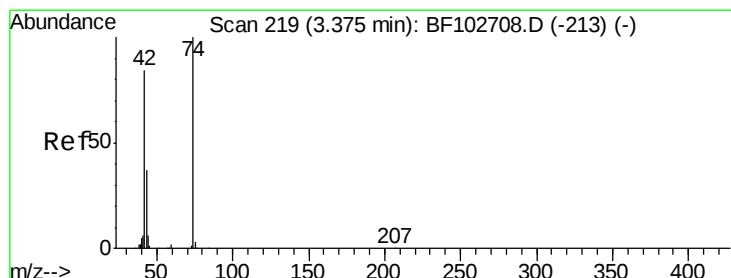
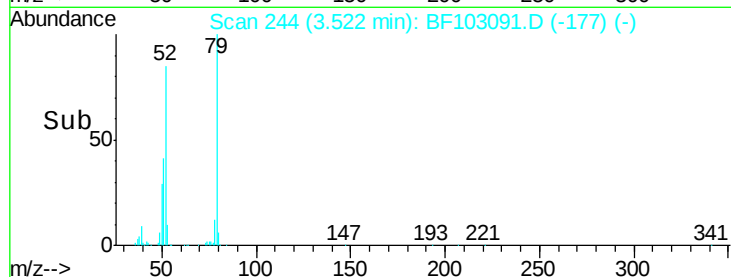
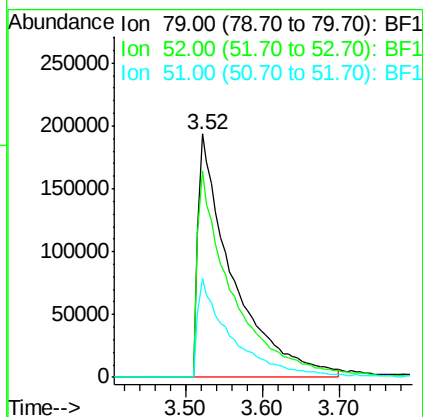
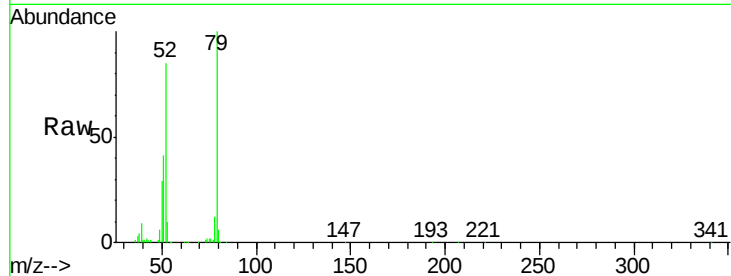
ClientSampleId :

PB106657BS

Tgt Ion:	79	Resp:	602310
Ion Ratio	Lower	Upper	
79	100		
52	84.7	59.8	89.6
51	40.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.234 ng

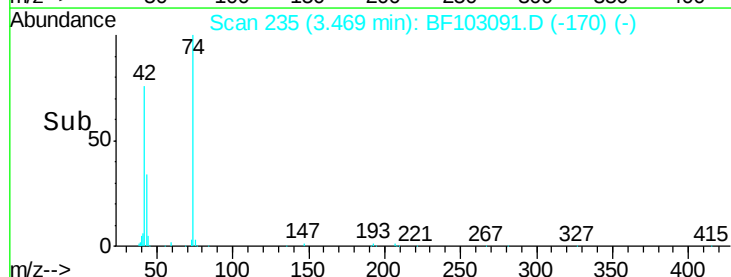
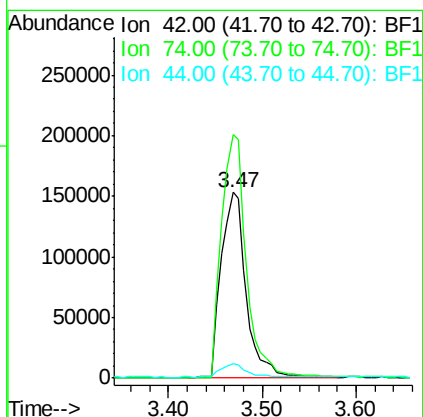
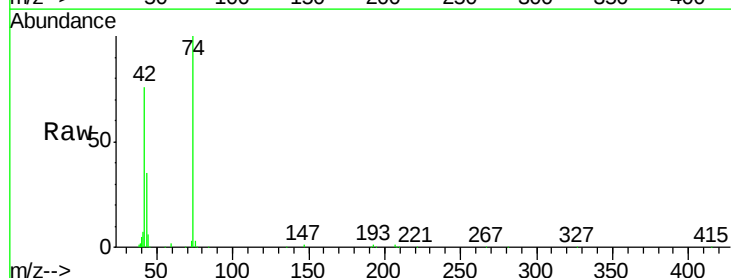
RT: 3.47 min Scan# 235

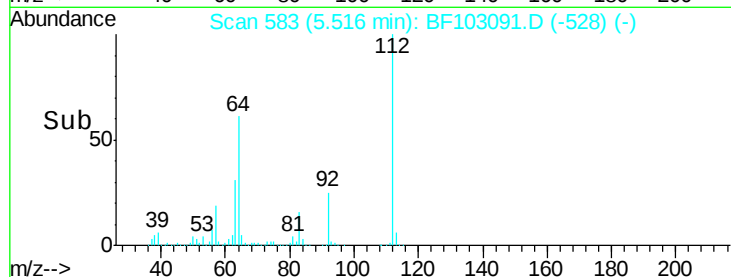
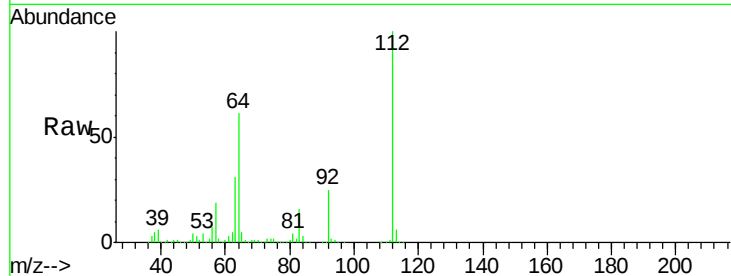
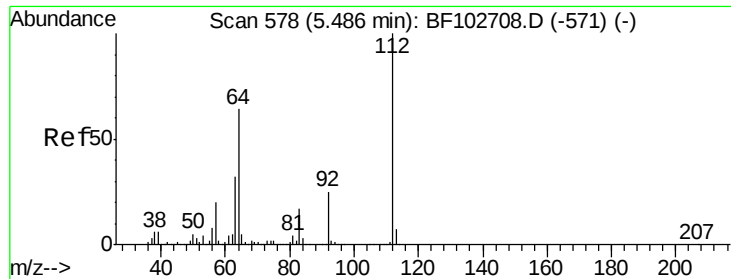
Delta R.T. 0.08 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	42	Resp:	286293
Ion Ratio	Lower	Upper	
42	100		
74	131.1	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 112.801 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	112	Resp:	1309645
Ion Ratio	Lower	Upper	
112	100		
64	61.3	47.9	71.9
63	31.1	23.7	35.5

Instrument :

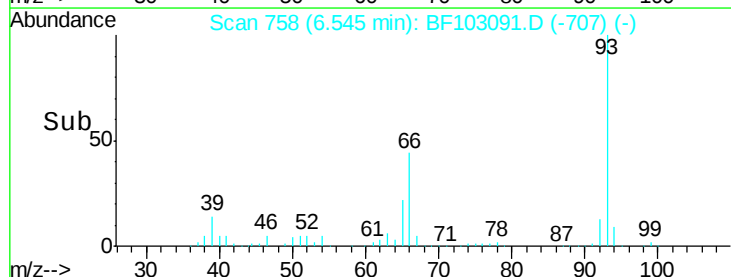
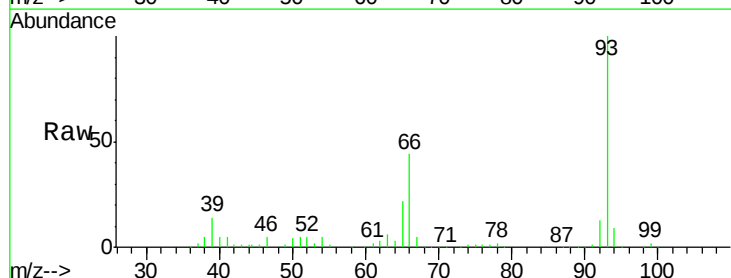
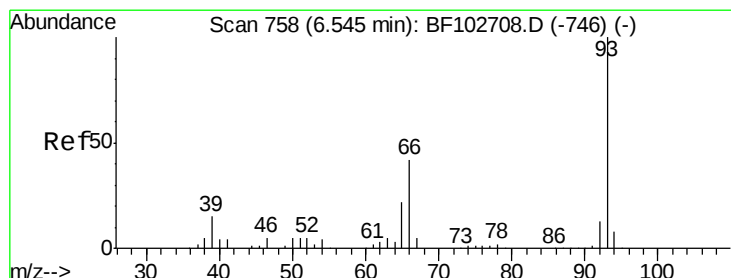
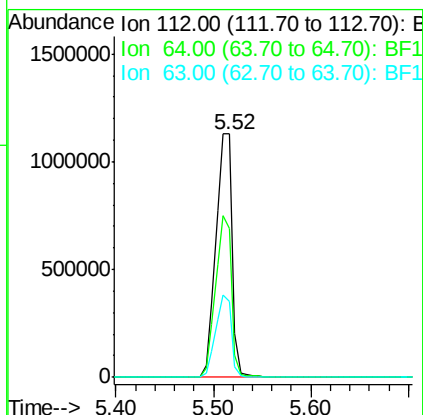
BNA_F

ClientSampleId :

PB106657BS

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#6

Aniline

Concen: 21.297 ng

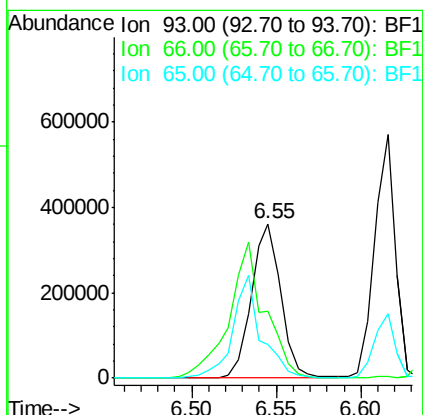
RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	93	Resp:	439670
Ion Ratio	Lower	Upper	
93	100		
66	43.6	32.2	48.2
65	21.7	16.4	24.6





#7

Phenol-d6

Concen: 113.613 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

PB106657BS

Tgt Ion: 99 Resp: 1588247

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

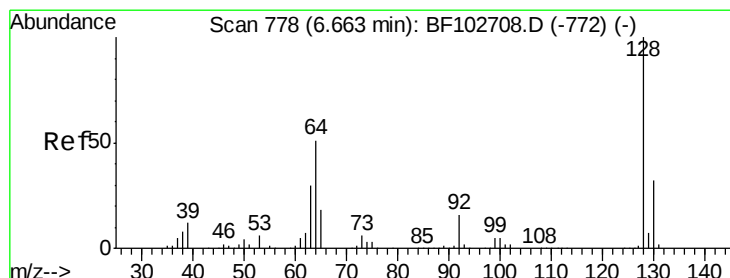
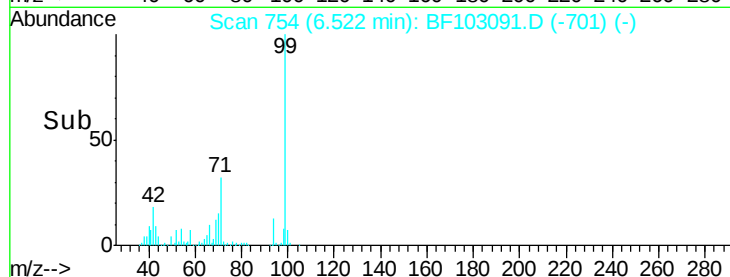
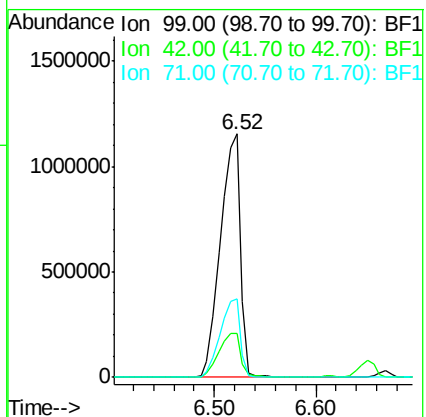
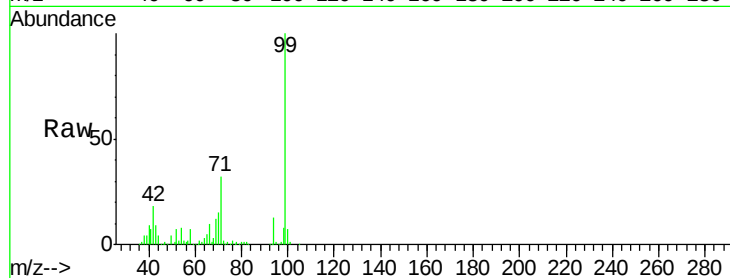
71 32.4 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.136 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

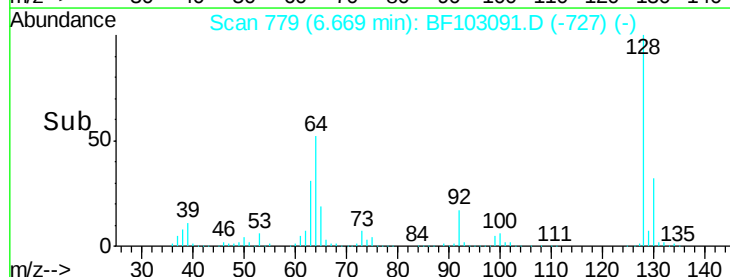
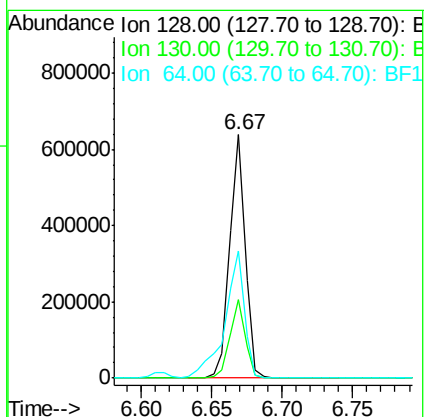
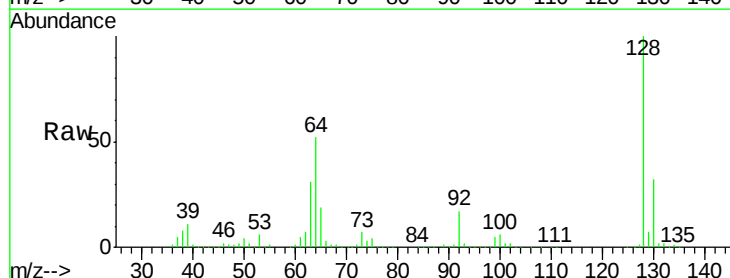
Tgt Ion: 128 Resp: 491684

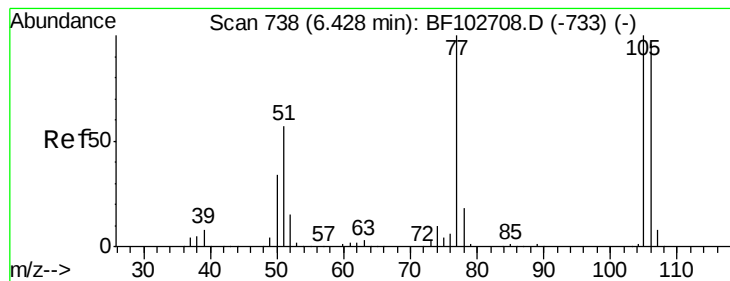
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 52.0 29.4 69.4





#9

Benzaldehyde

Concen: 8.595 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

PB106657BS

Tgt Ion: 77 Resp: 89232

Ion Ratio Lower Upper

77 100

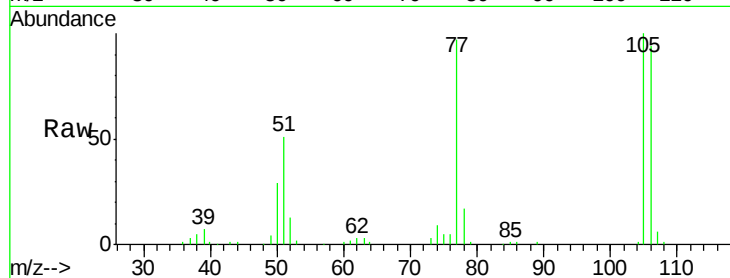
105 102.7 81.1 121.1

106 96.0 74.5 114.5

Manual Integrations
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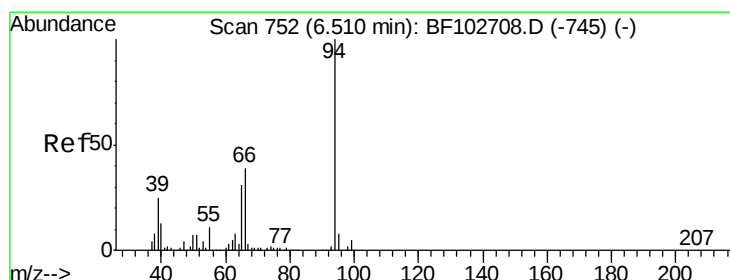
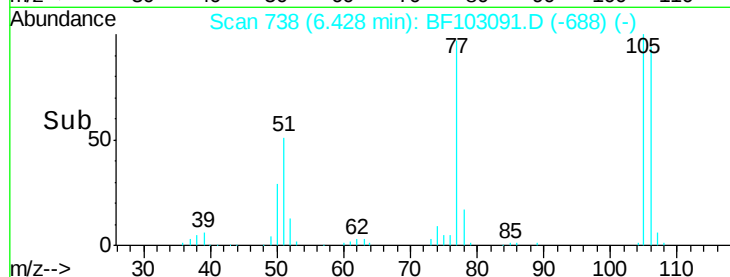
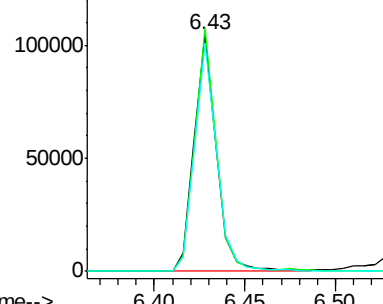
2/20/2018 10:20:44 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.369 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103091.D

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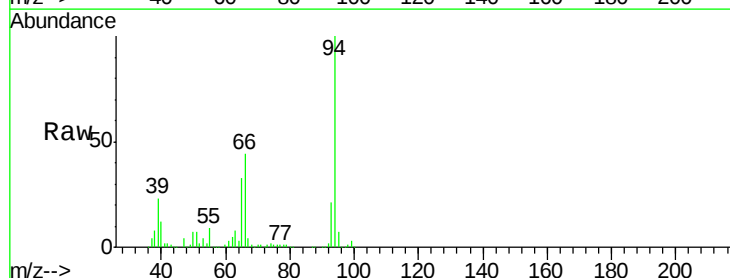
Tgt Ion: 94 Resp: 604792

Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

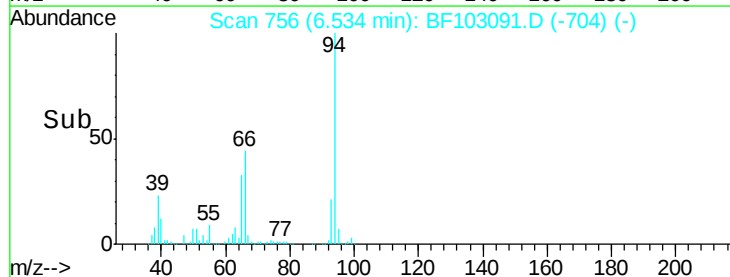
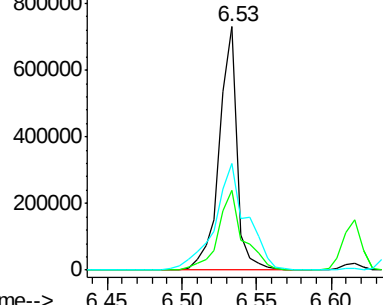
66 43.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





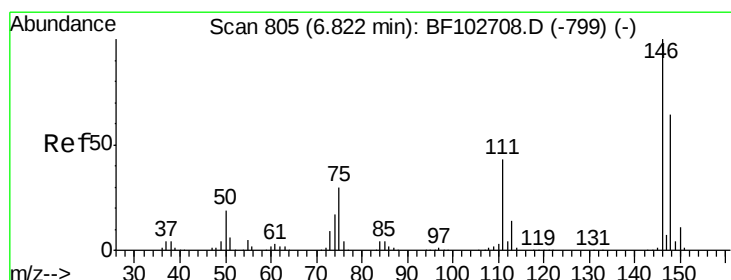
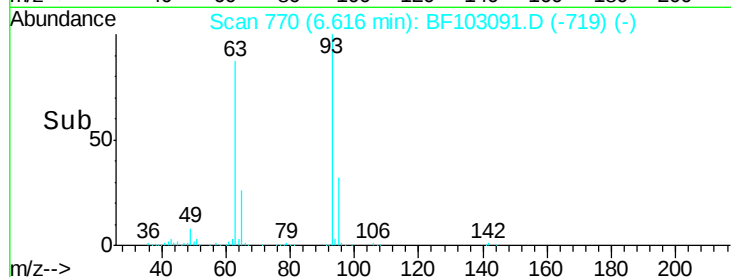
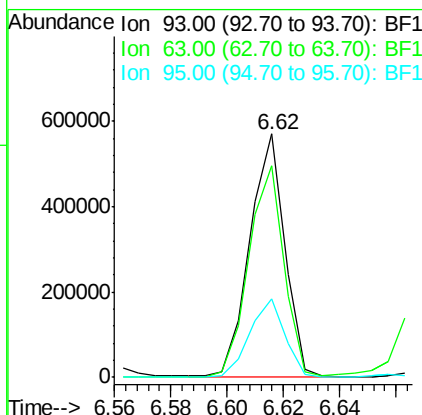
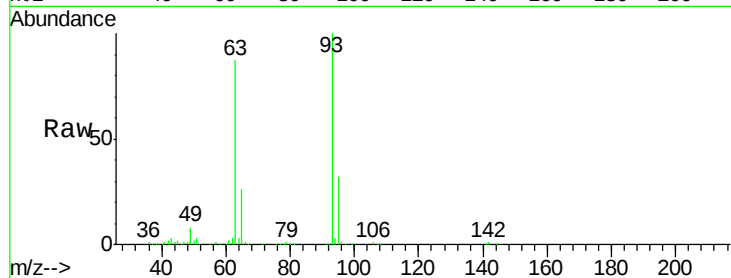
#11
bis(2-Chloroethyl)ether
Concen: 39.116 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	86.9	58.6	98.6
95	32.4	11.8	51.8

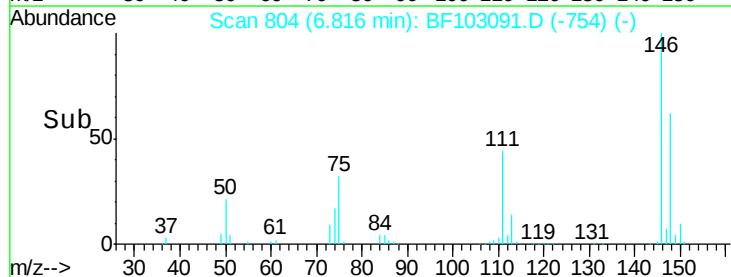
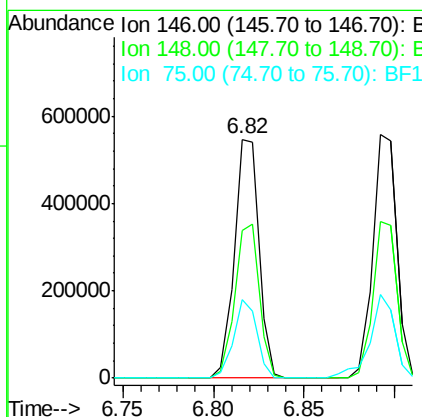
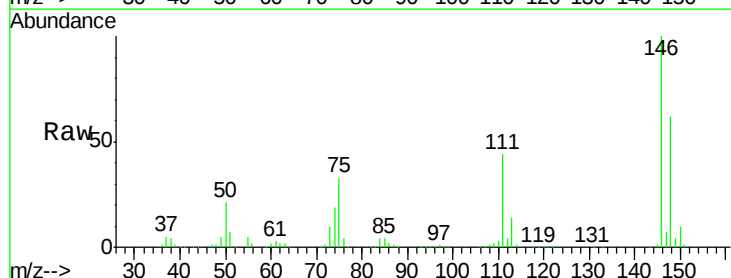
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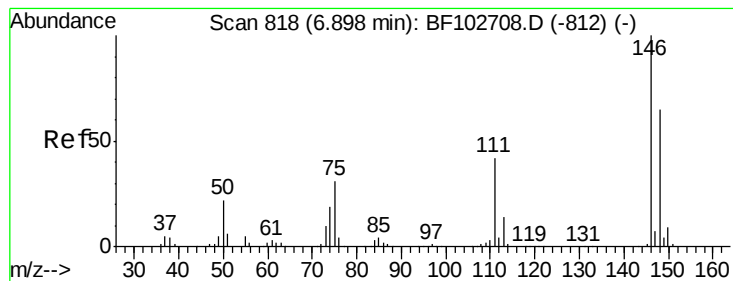
Sohil
2/20/2018 10:20:44 AM



#12
1,3-Dichlorobenzene
Concen: 37.437 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.0	51.8	77.8
75	32.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.536 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

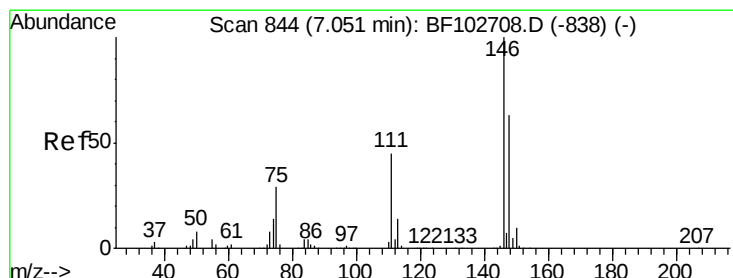
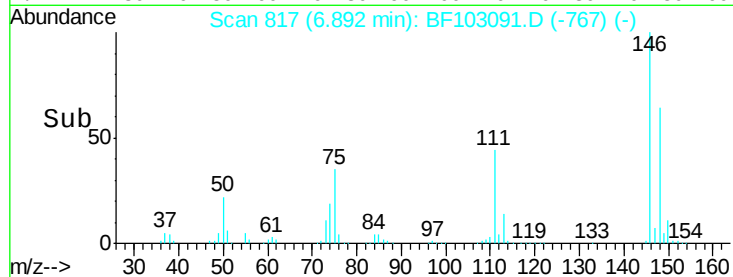
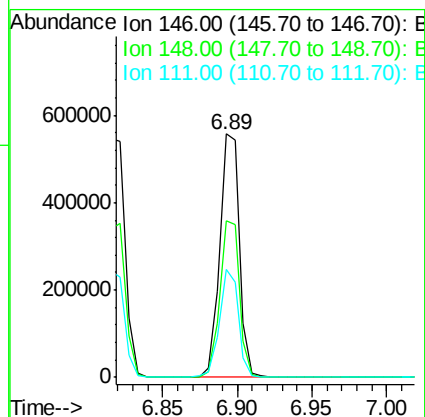
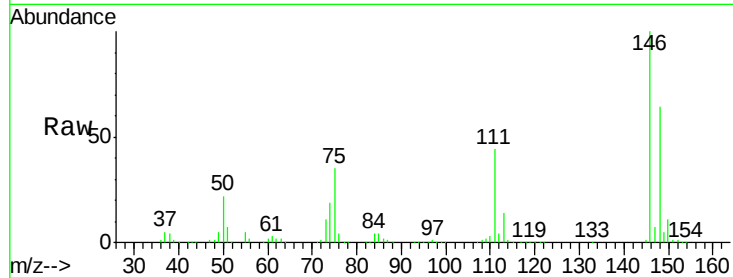
ClientSampleId :

PB106657BS

Tgt Ion:	146	Resp:	517554
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	44.3	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.106 ng

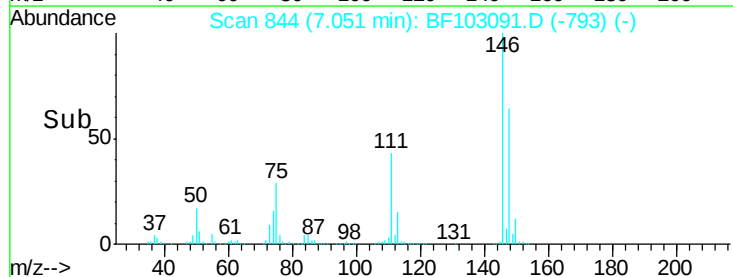
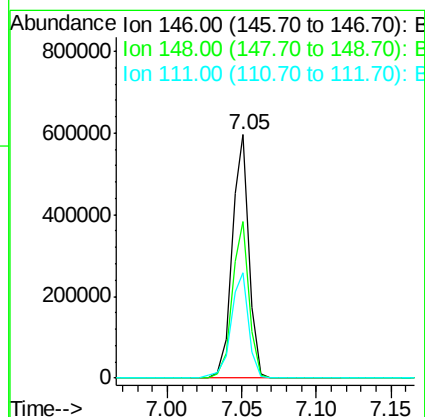
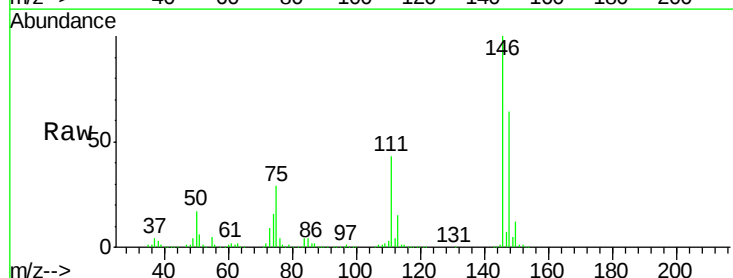
RT: 7.05 min Scan# 844

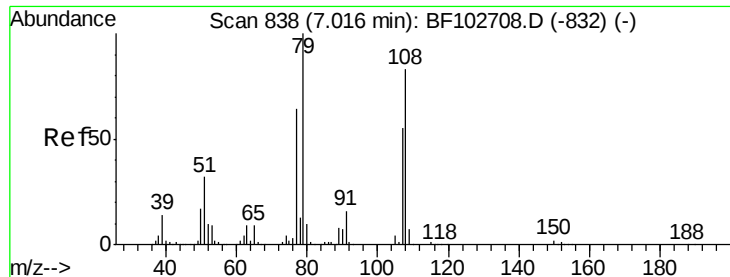
Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	146	Resp:	476532
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.259 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

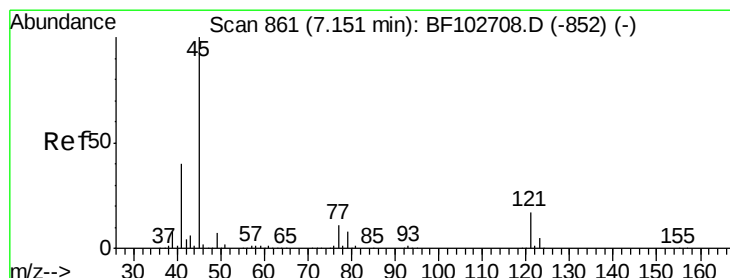
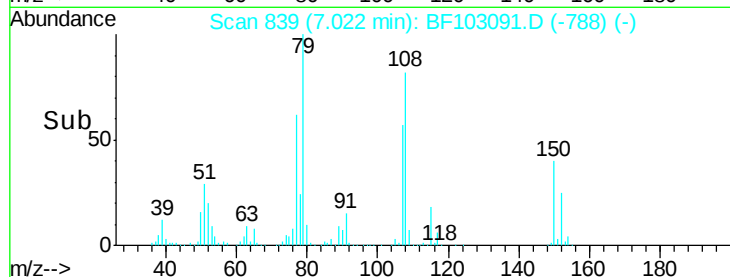
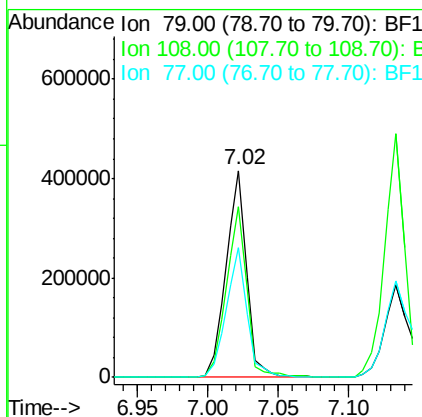
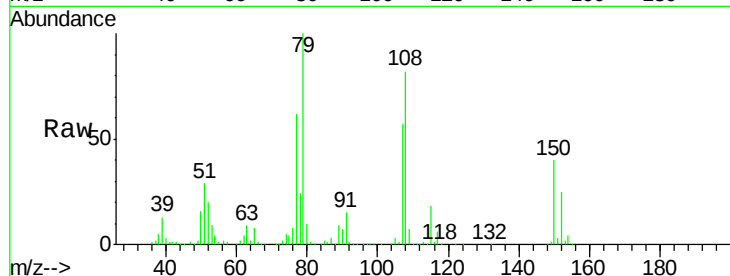
ClientSampleId :

PB106657BS

Tgt Ion:	79	Resp:	421945
Ion Ratio	Lower	Upper	
79	100		
108	82.4	65.1	97.7
77	62.4	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.281 ng

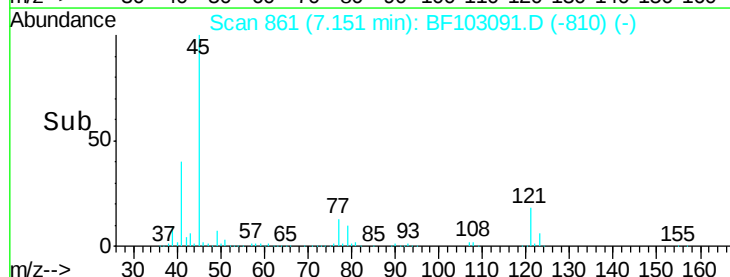
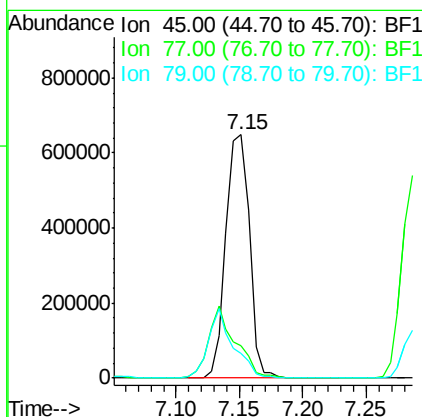
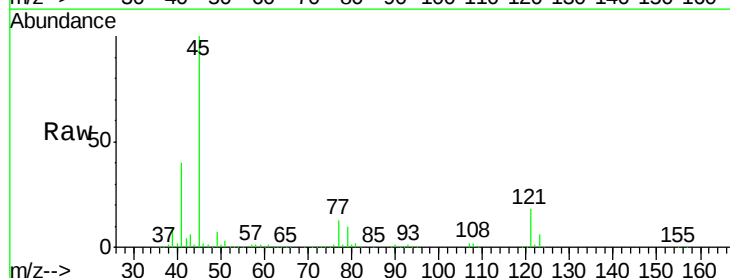
RT: 7.15 min Scan# 861

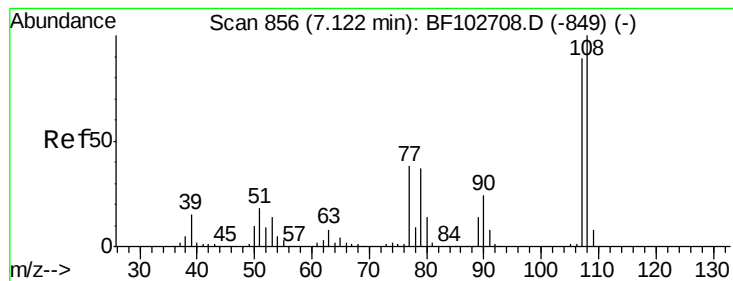
Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	45	Resp:	835494
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	32.9
79	10.2	0.0	29.6





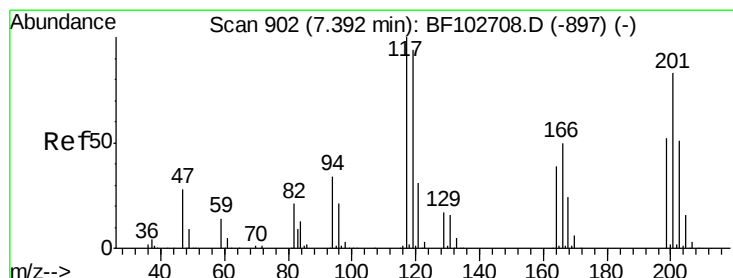
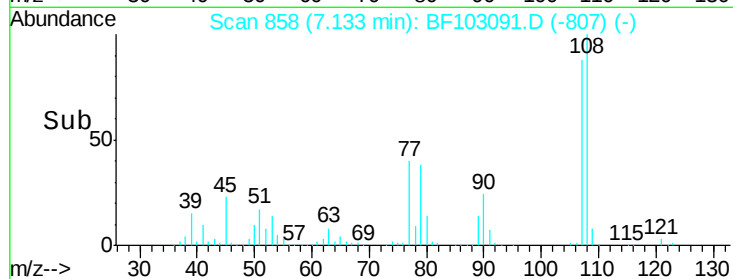
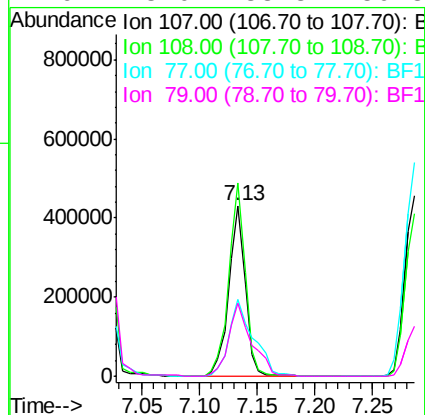
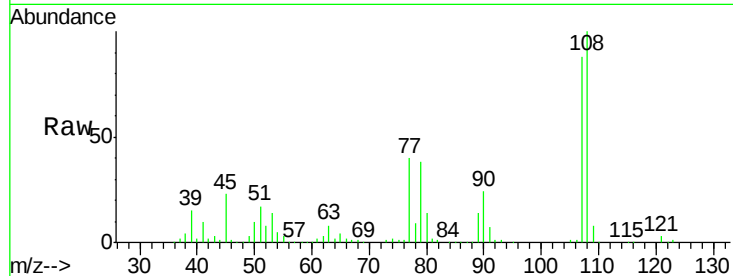
#17
2-Methylphenol
Concen: 38.900 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	428891		
108	113.4	91.7	137.5	
77	44.9	33.8	50.8	
79	43.0	33.8	50.8	

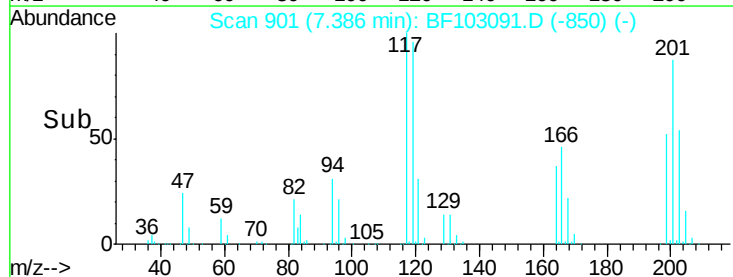
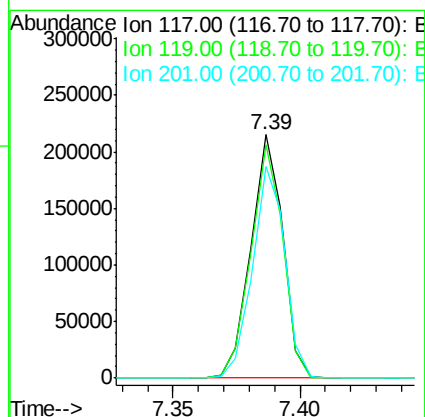
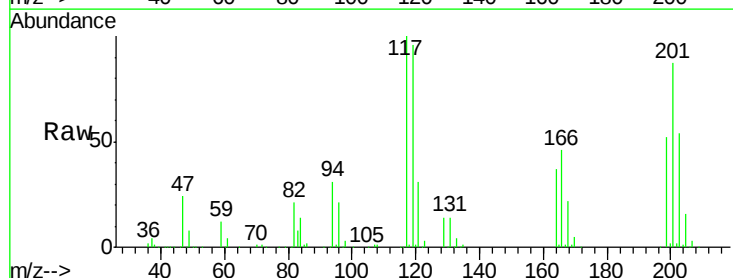
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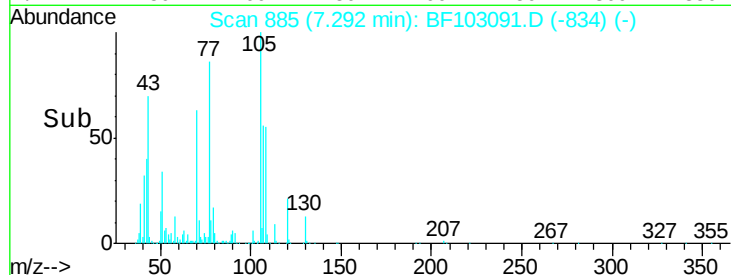
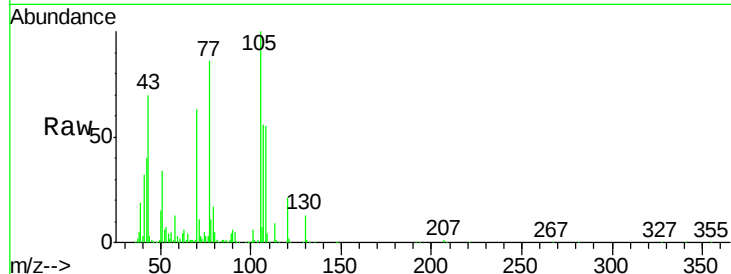
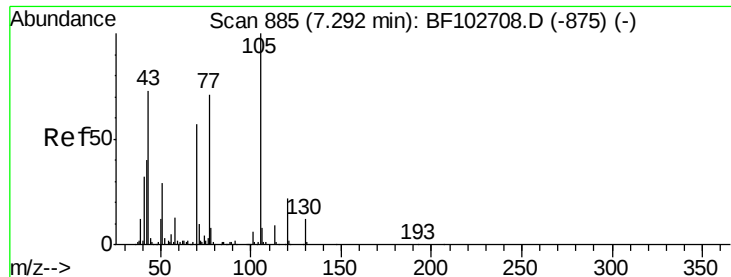
Sohil
2/20/2018 10:20:44 AM



#18
Hexachloroethane
Concen: 39.987 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	189061		
119	96.1	75.8	113.8	
201	87.1	75.7	113.5	





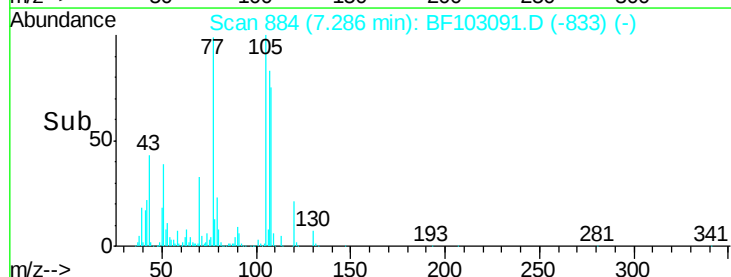
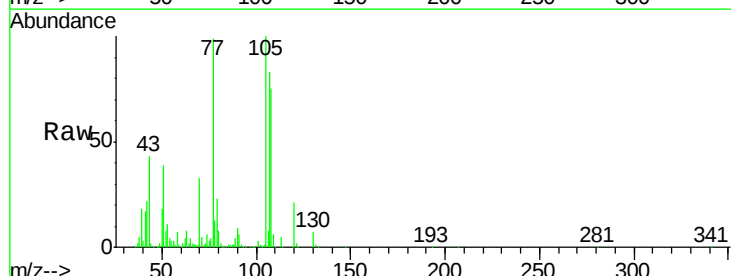
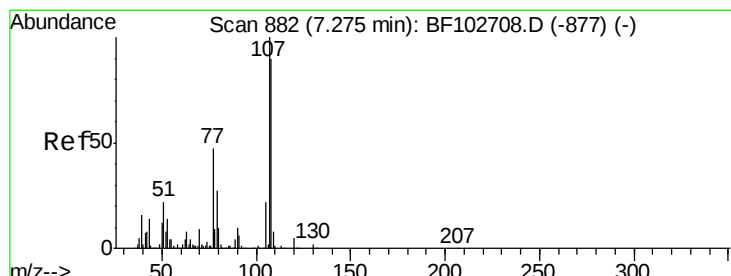
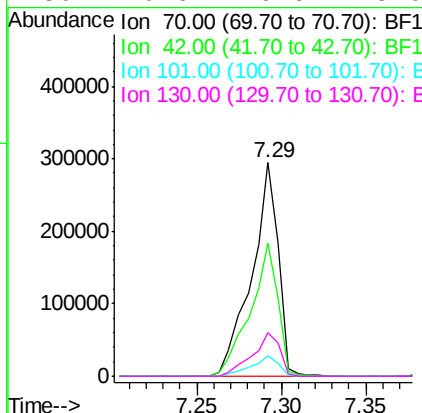
#19
n-Nitroso-di-n-propylamine
Concen: 35.191 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	324355		
42	62.6	47.5	71.3	
101	9.6	7.4	11.2	
130	20.6	16.6	25.0	

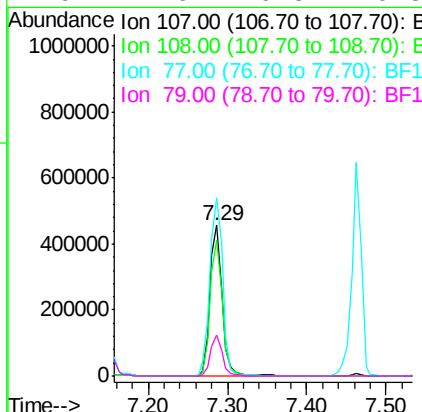
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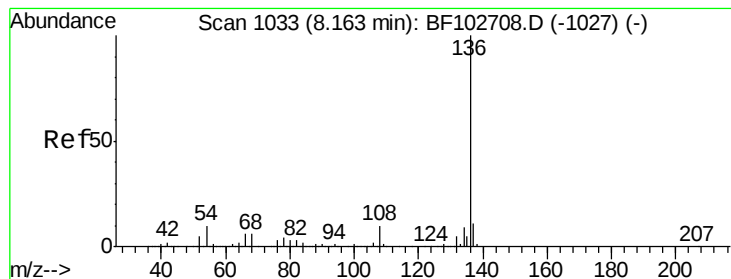
Sohil
2/20/2018 10:20:44 AM



#20
3+4-Methylphenols
Concen: 35.435 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	481789		
108	90.3	68.2	108.2	
77	118.4	26.7	66.7#	
79	27.6	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

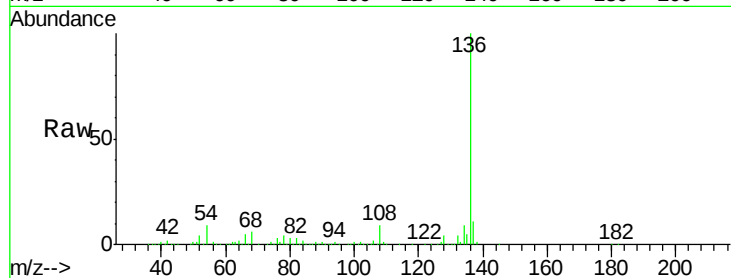
ClientSampleId :

PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	718043		
137	10.7	8.9	13.3	
54	8.9	6.6	9.8	
68	6.3	5.0	7.4	

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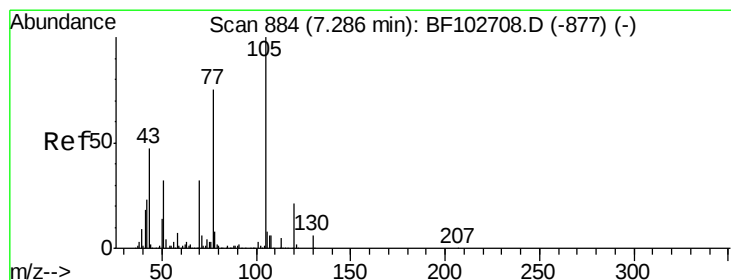
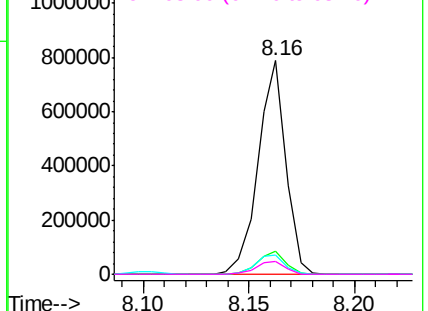
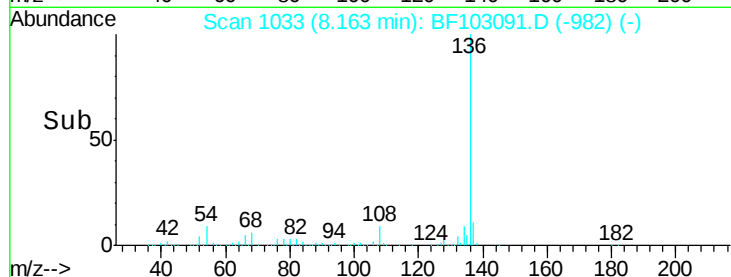


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.309 ng

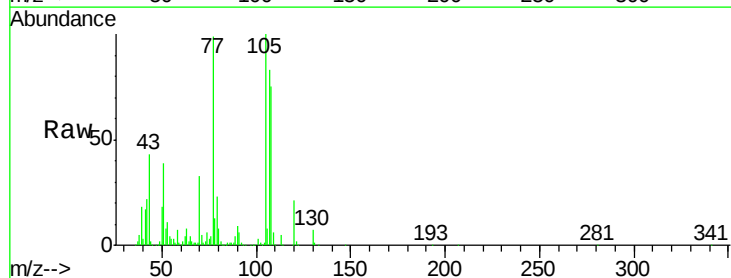
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	637986		
71	5.5	4.4	6.6	
51	38.7	22.3	33.5	
120	21.4	16.9	25.3	

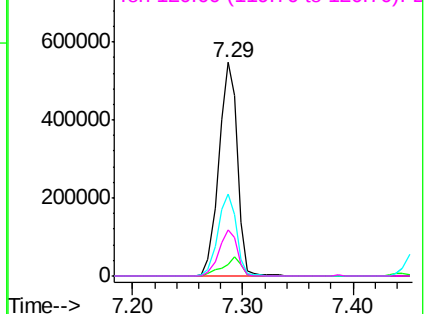
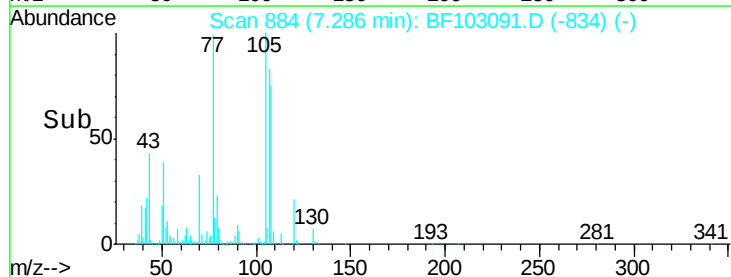


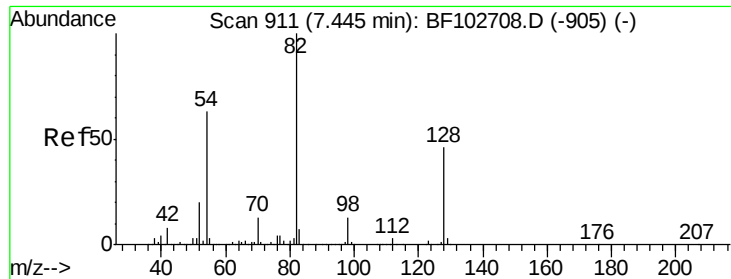
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





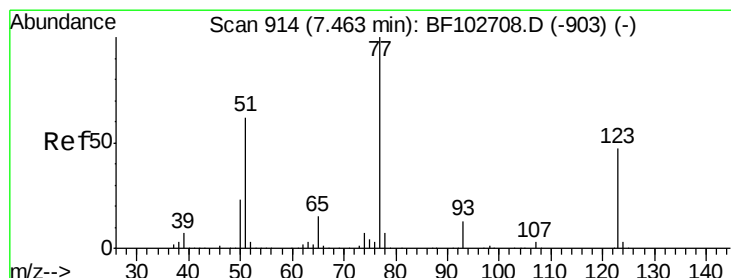
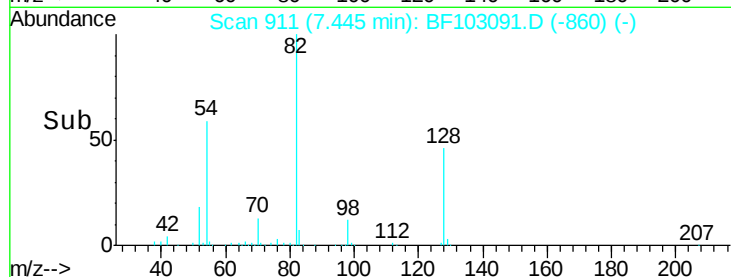
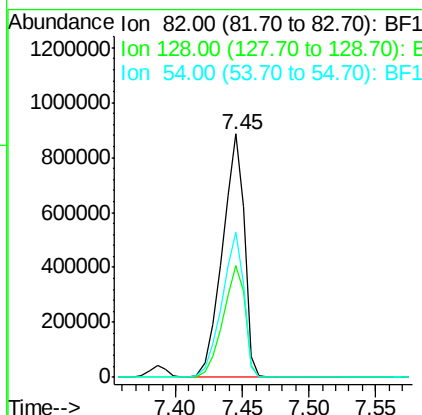
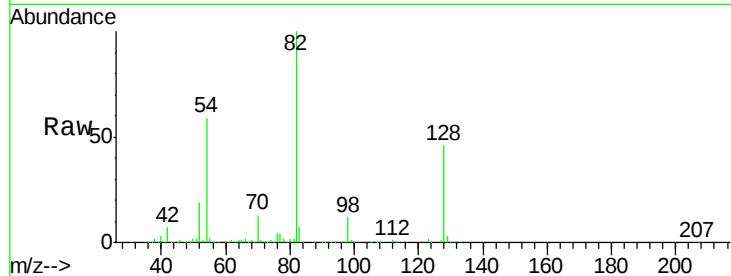
#23
 Nitrobenzene-d5
 Concen: 99.906 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion: 82 Resp: 1034108
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 59.5 41.4 62.2

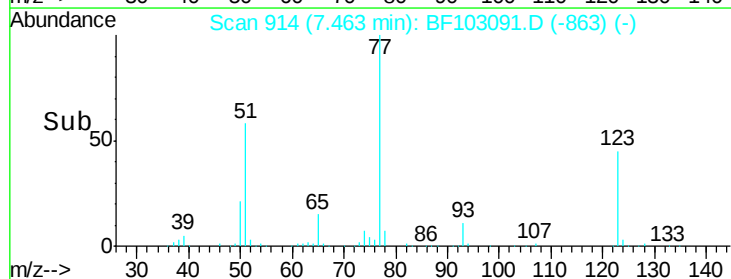
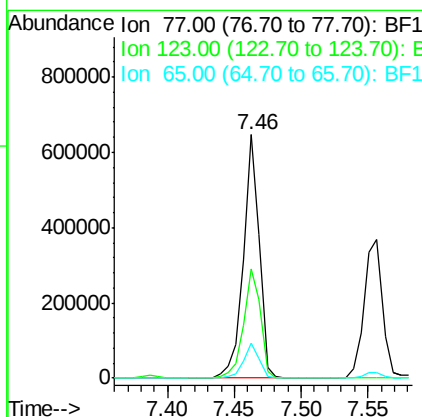
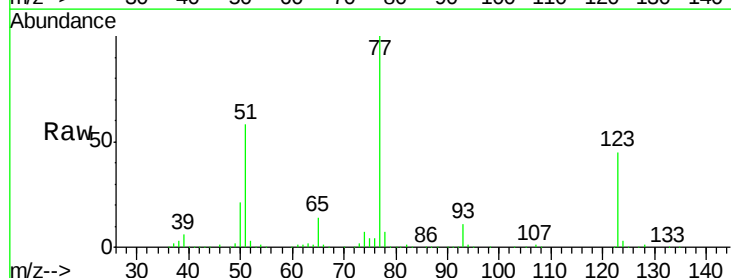
Manual Integrations
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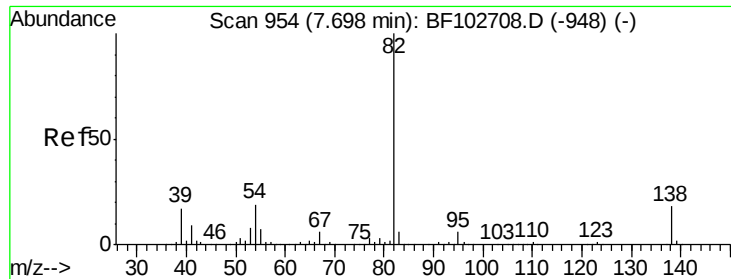
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#24
 Nitrobenzene
 Concen: 44.108 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion: 77 Resp: 537049
 Ion Ratio Lower Upper
 77 100
 123 45.0 37.9 56.9
 65 14.2 11.0 16.4





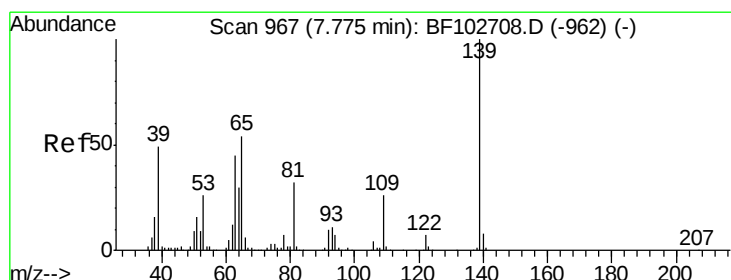
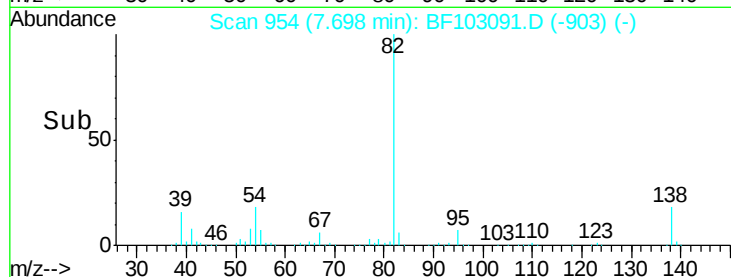
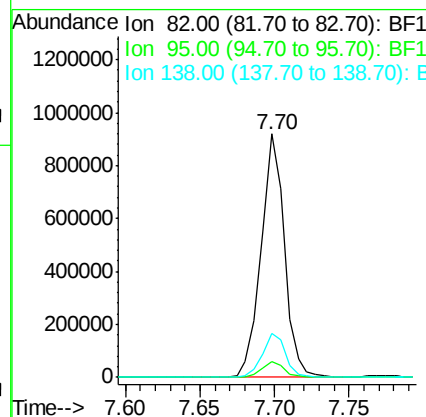
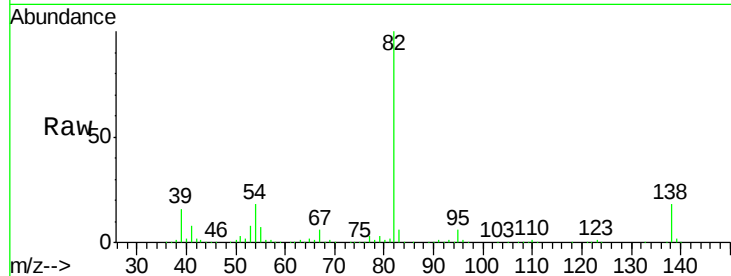
#25
Isophorone
Concen: 41.398 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	986708		
95	6.5	5.2	7.8	
138	17.9	14.9	22.3	

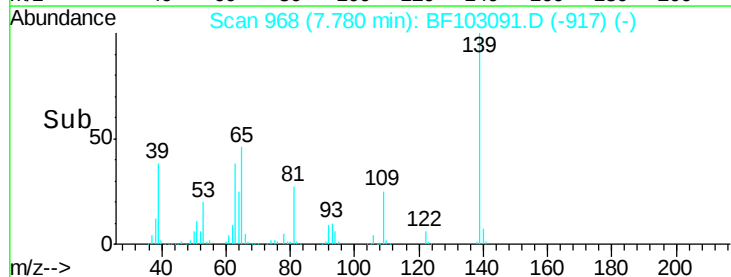
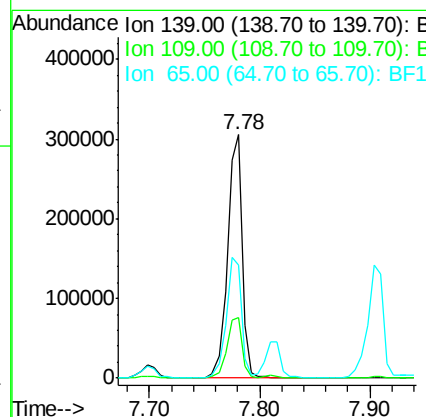
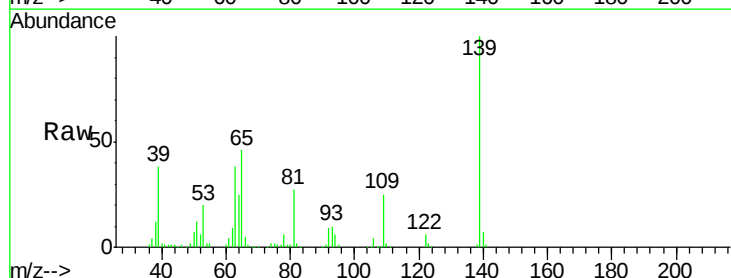
Manual Integrations
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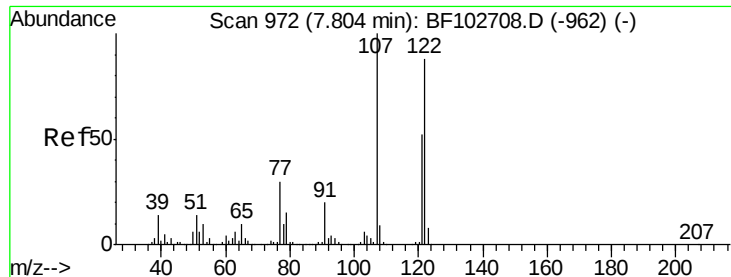
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2/20/2018 10:20:44 AM



#26
2-Nitrophenol
Concen: 55.275 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	284504		
109	24.9	22.7	34.1	
65	46.3	40.5	60.7	





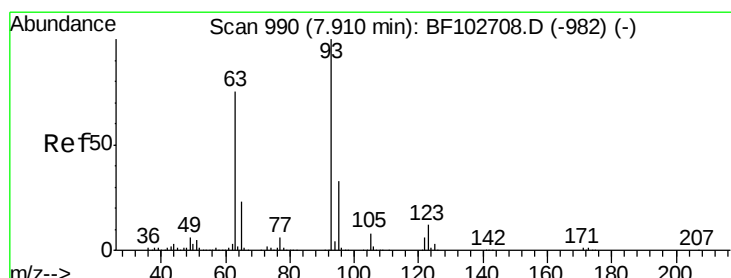
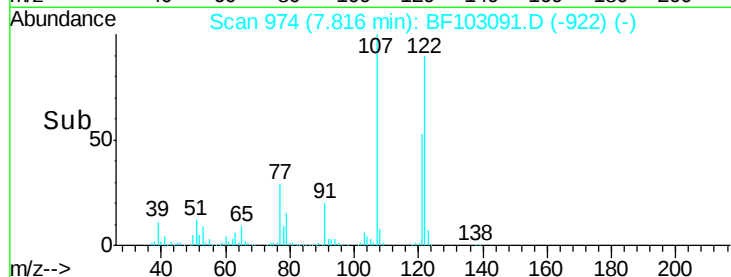
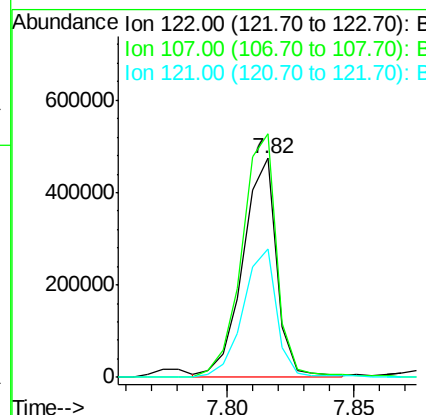
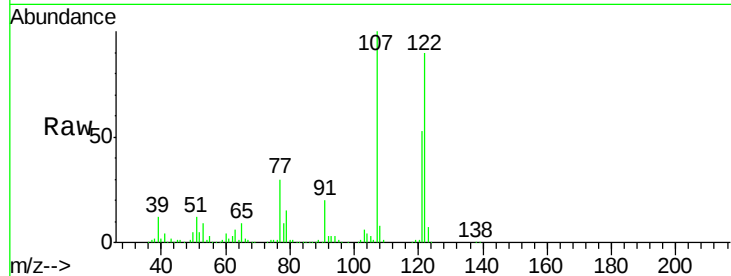
#27
2,4-Dimethylphenol
Concen: 43.971 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	442769		
107	111.1	91.2	136.8	
121	58.7	47.2	70.8	

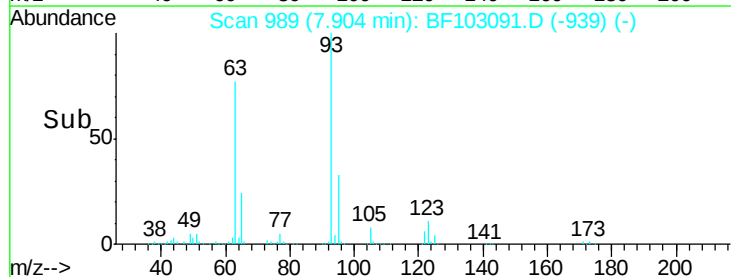
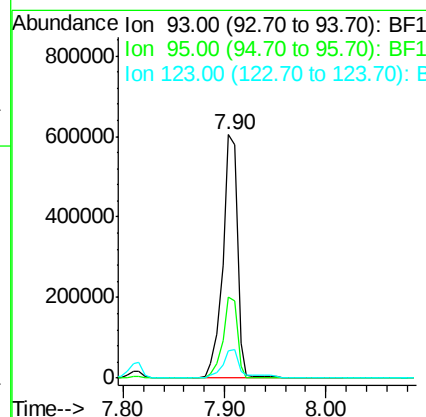
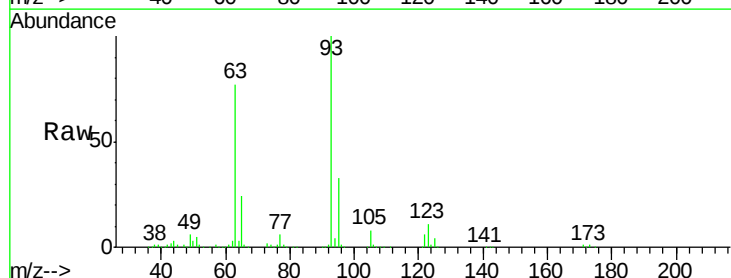
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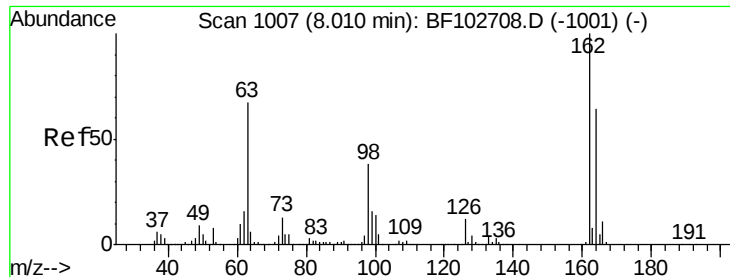
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.408 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	612883		
95	33.1	26.3	39.5	
123	11.2	9.8	14.6	





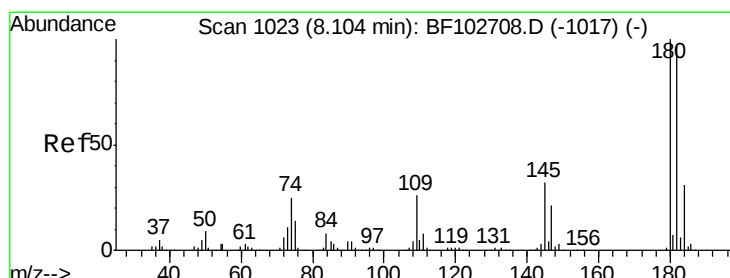
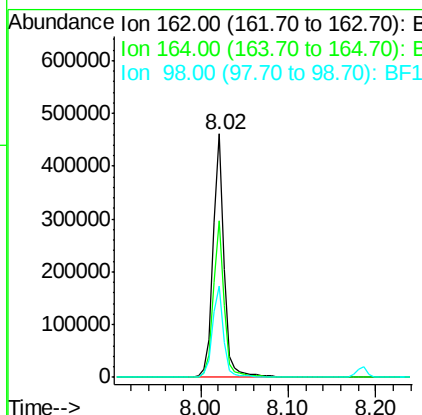
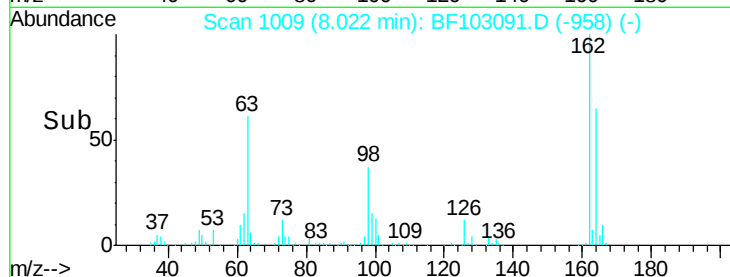
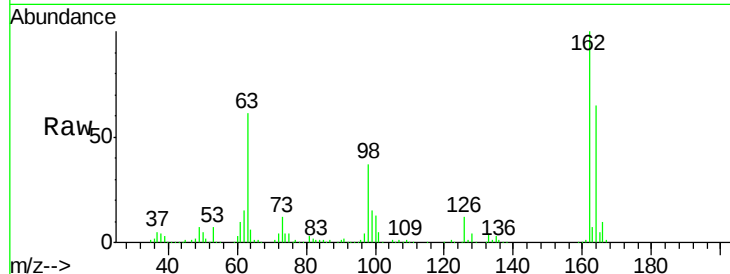
#29
 2,4-Dichlorophenol
 Concen: 44.429 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion:	162	Resp:	406699
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.7	82.7
98	37.4	18.1	58.1

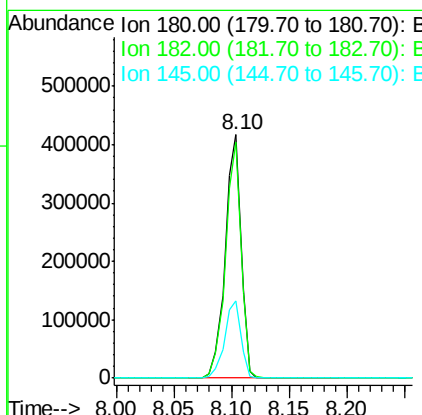
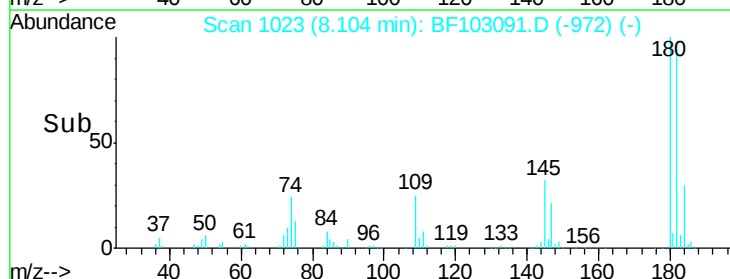
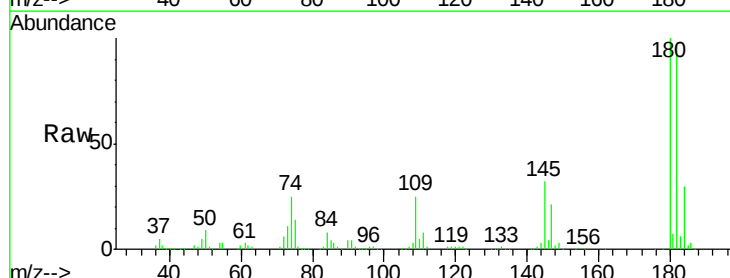
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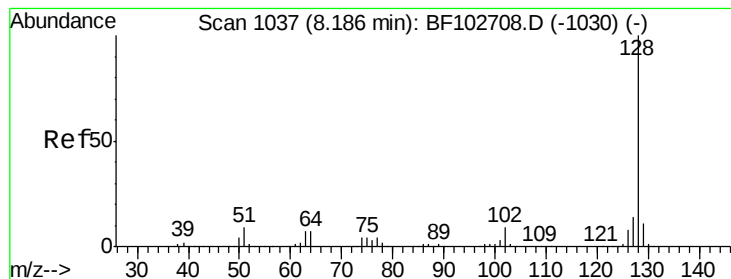
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.495 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:	180	Resp:	398635
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.8	115.2
145	31.9	26.5	39.7





#31

Naphthalene

Concen: 38.629 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

PB106657BS

Tgt Ion:128 Resp: 1355179

Ion Ratio Lower Upper

128 100

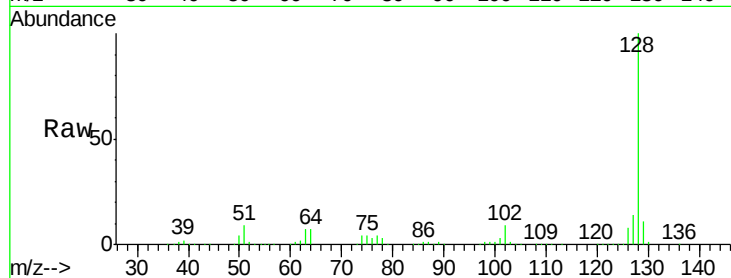
129 11.0 8.8 13.2

127 14.0 10.9 16.3

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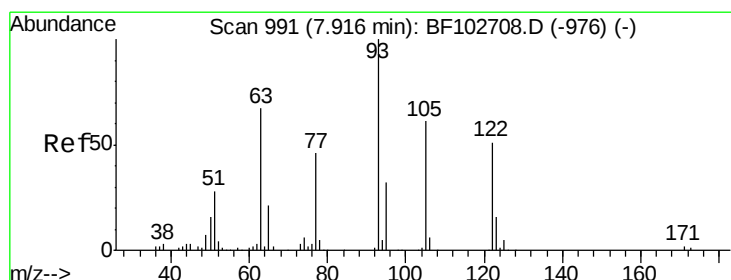
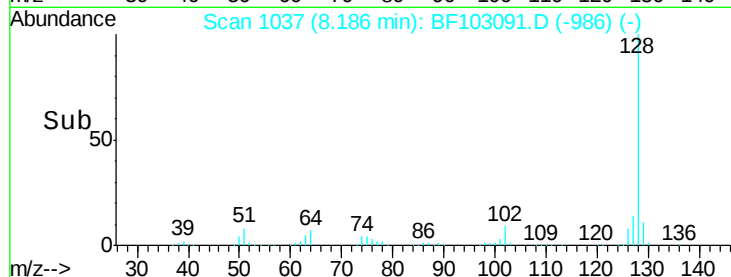
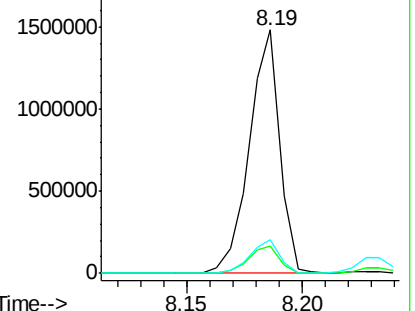
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.950 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

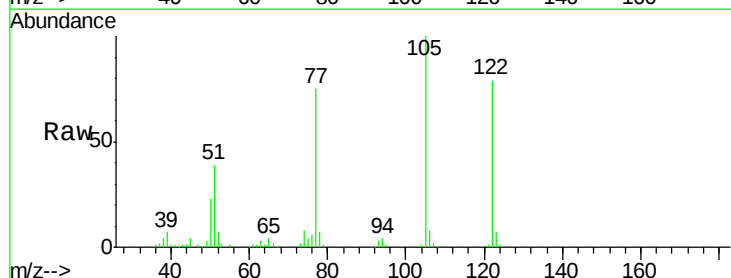
Tgt Ion:122 Resp: 301603

Ion Ratio Lower Upper

122 100

105 126.1 101.1 141.1

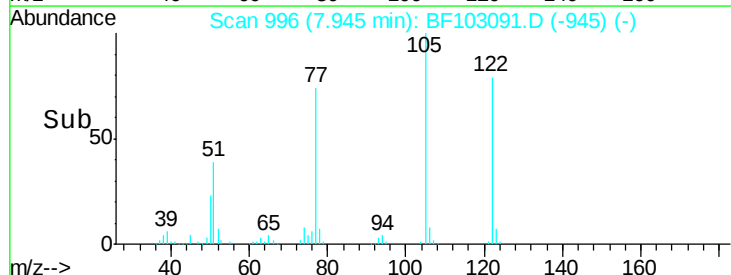
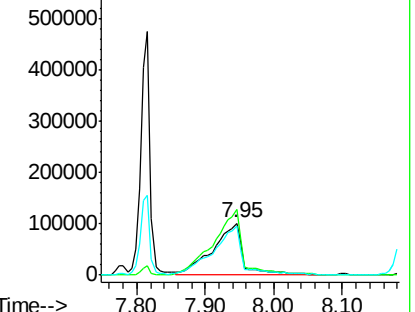
77 94.9 70.7 110.7



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





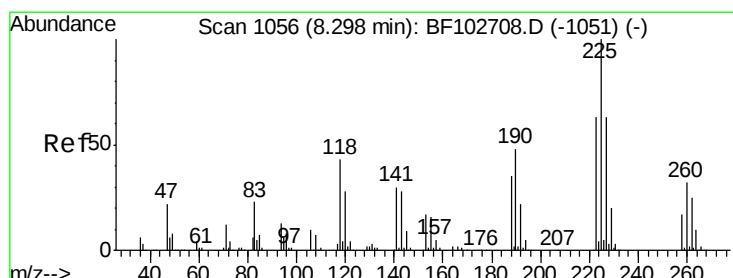
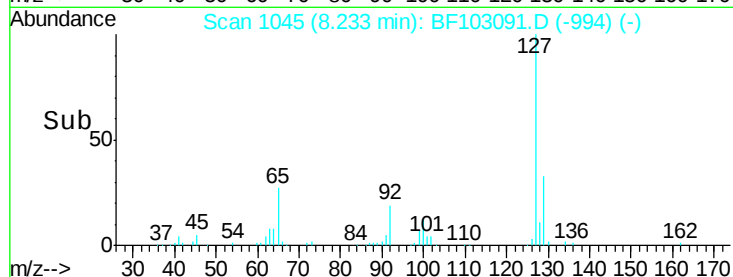
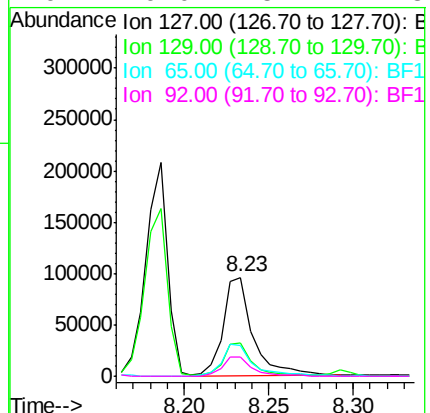
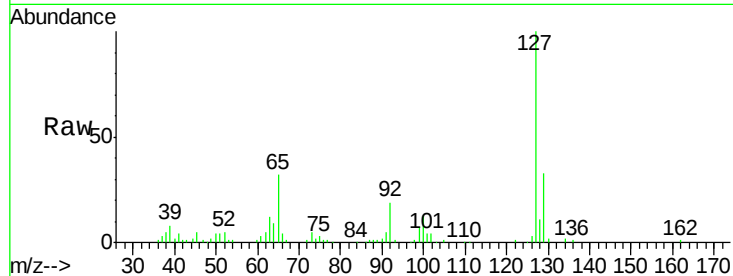
#33
4-Chloroaniline
Concen: 7.811 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	118054		
129	33.3	25.9	38.9	
65	31.6	25.0	37.4	
92	19.0	15.2	22.8	

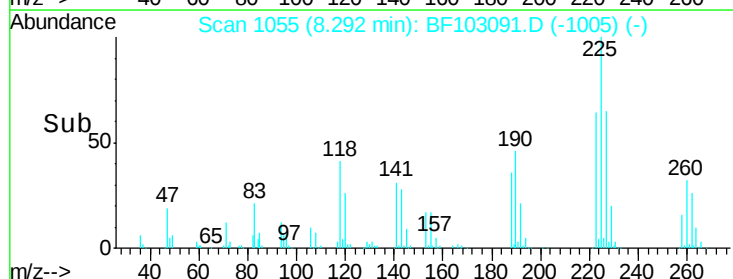
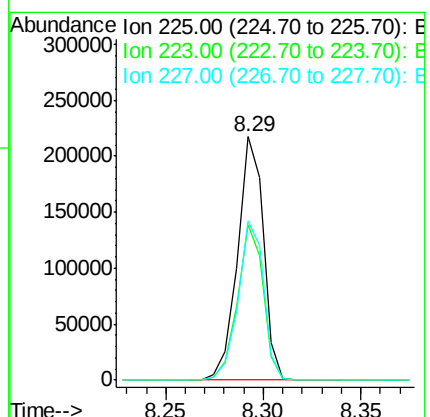
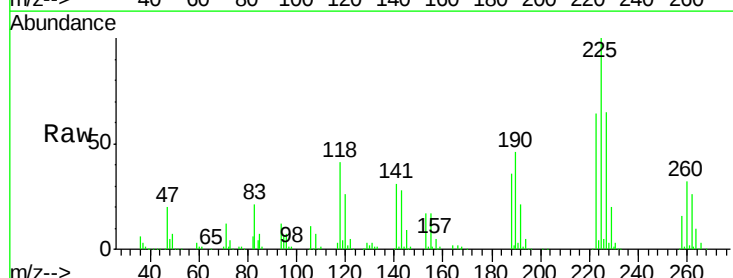
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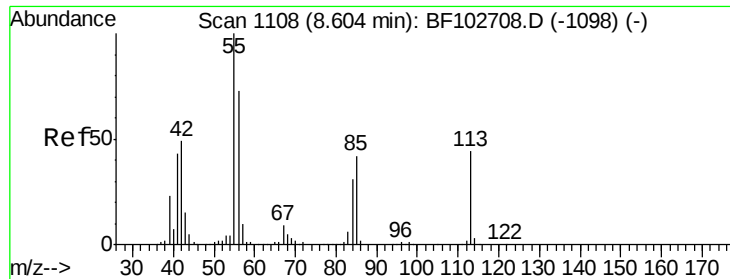
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#34
Hexachlorobutadiene
Concen: 37.703 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	200068		
223	63.8	50.6	76.0	
227	65.4	51.9	77.9	





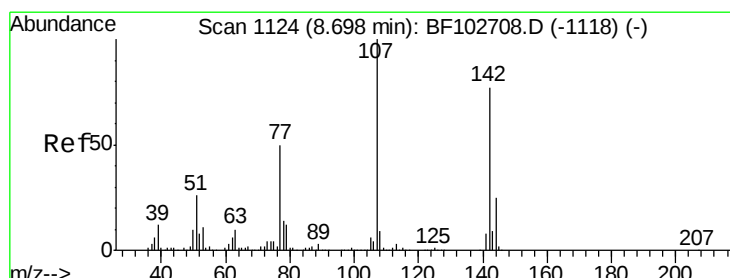
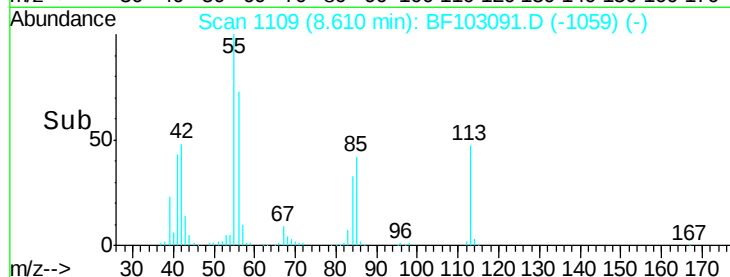
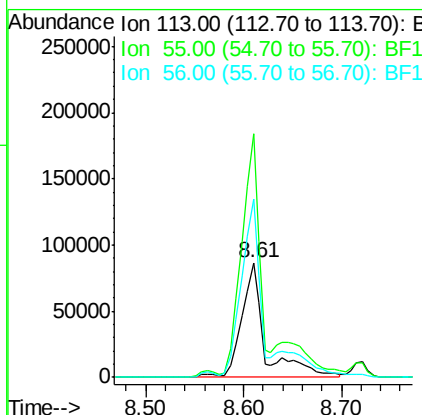
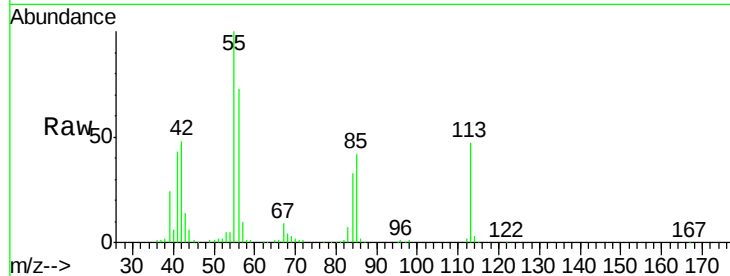
#35
 Caprolactam
 Concen: 45.340 ng m
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampled :
 PB106657BS

Tgt Ion:113 Resp: 144136
 Ion Ratio Lower Upper
 113 100
 55 212.9 163.3 203.3#
 56 156.5 115.7 155.7#

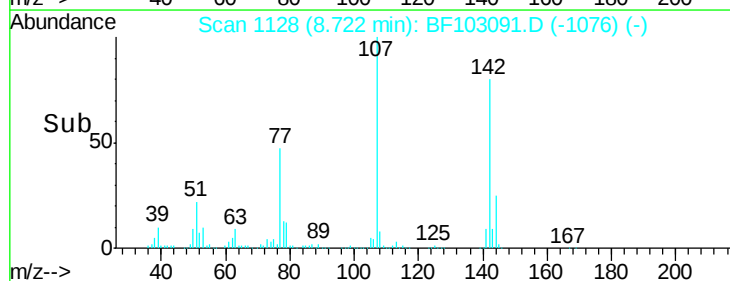
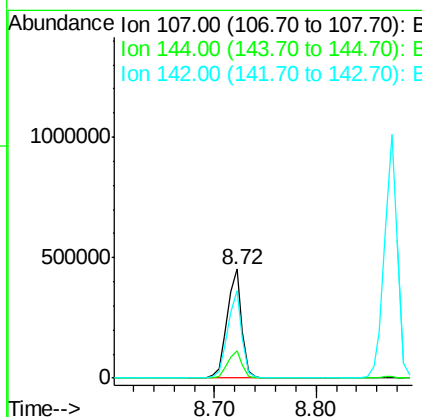
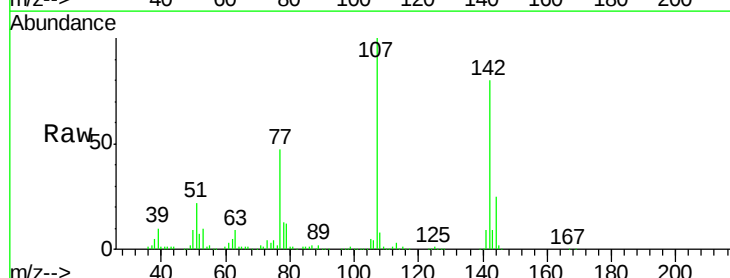
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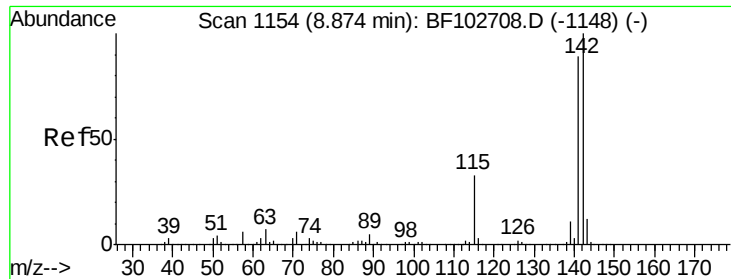
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#36
 4-Chloro-3-methylphenol
 Concen: 43.897 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:107 Resp: 451483
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 80.1 62.0 93.0





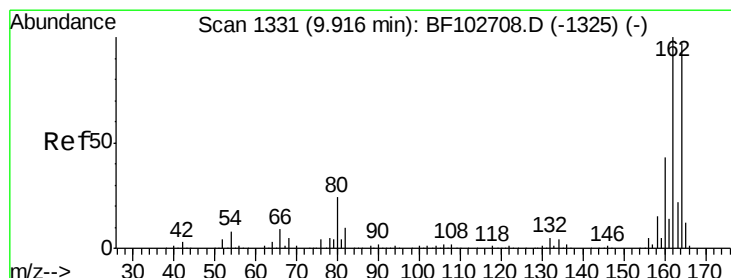
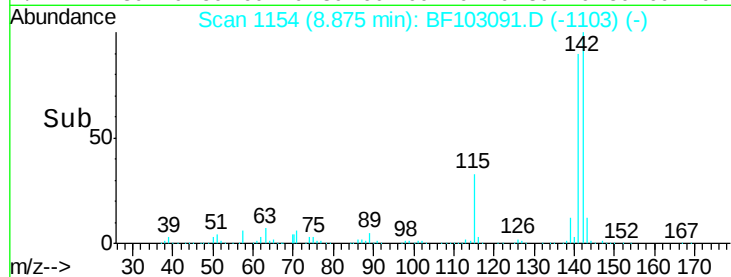
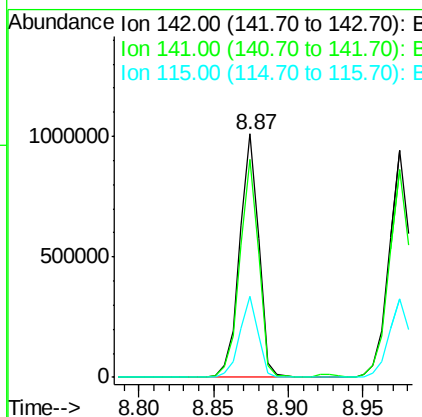
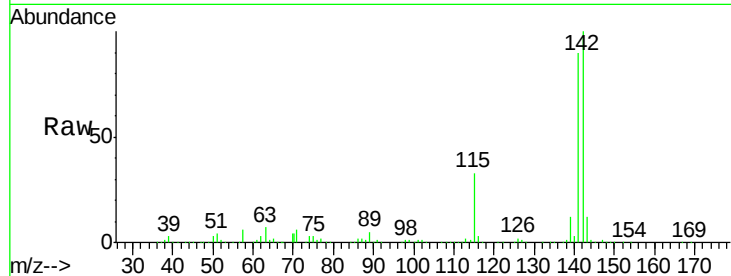
#37
 2-Methylnaphthalene
 Concen: 39.356 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.5	70.8	106.2
115	33.5	26.1	39.1

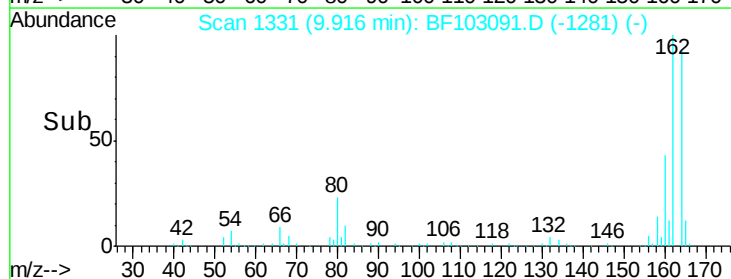
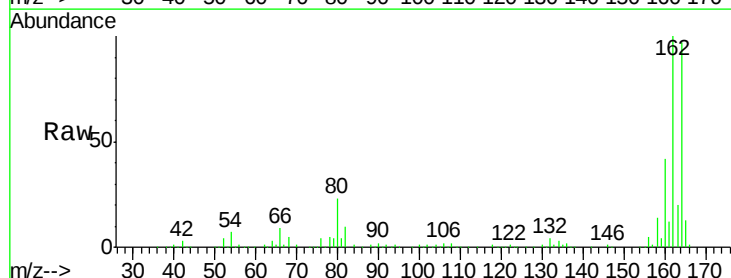
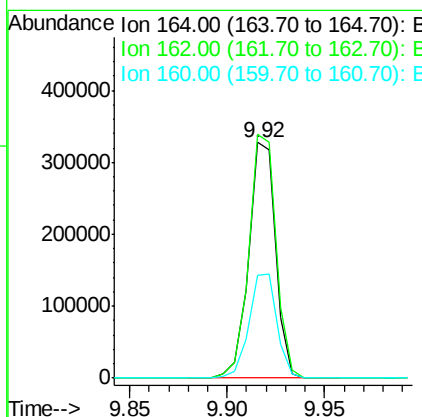
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.4	86.1	129.1
160	43.9	38.3	57.5





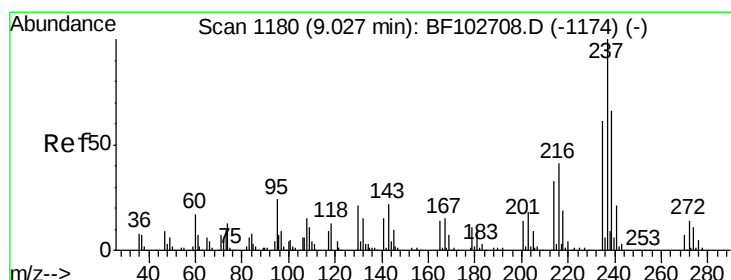
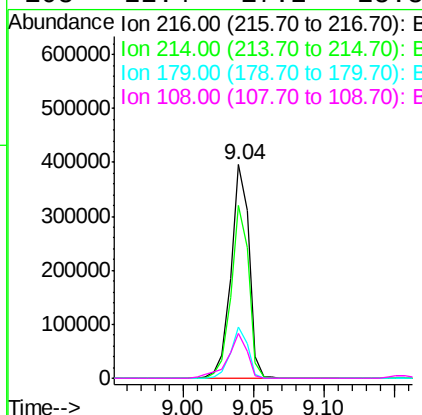
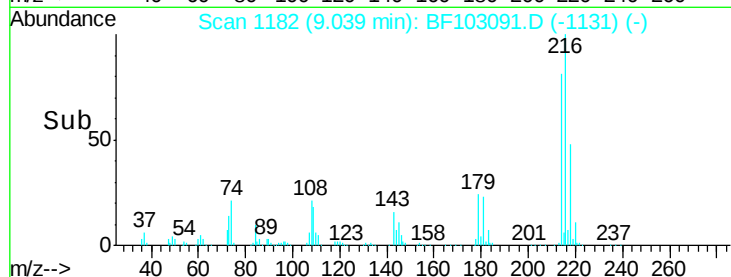
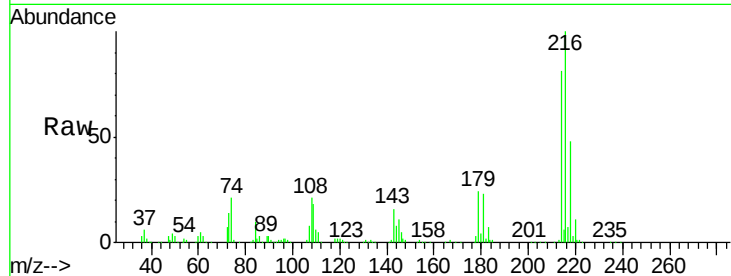
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.156 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	351293		
214	79.1	63.0	94.4	
179	22.9	18.1	27.1	
108	22.4	17.2	25.8	

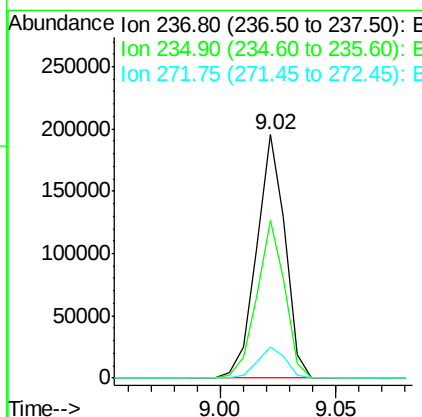
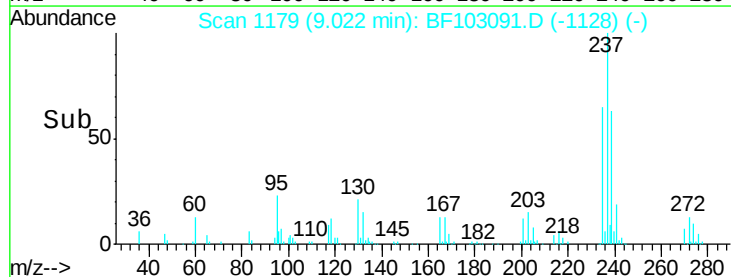
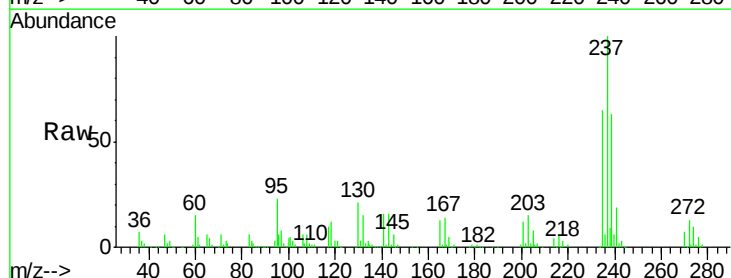
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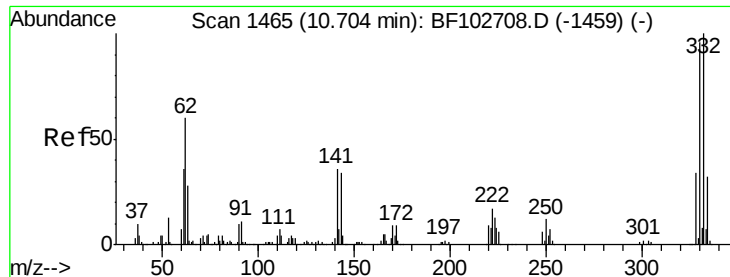
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#40
 Hexachlorocyclopentadiene
 Concen: 41.530 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168517		
235	64.8	44.8	84.8	
272	12.6	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 121.719 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

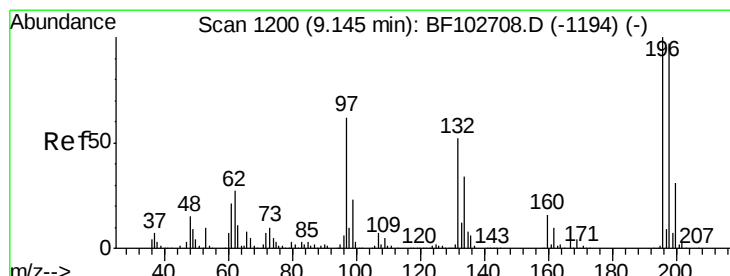
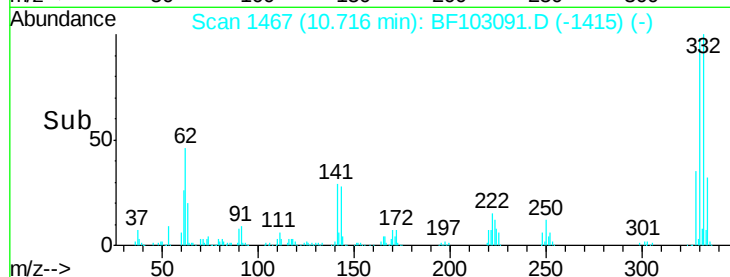
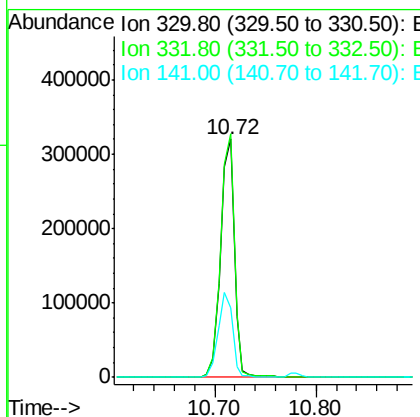
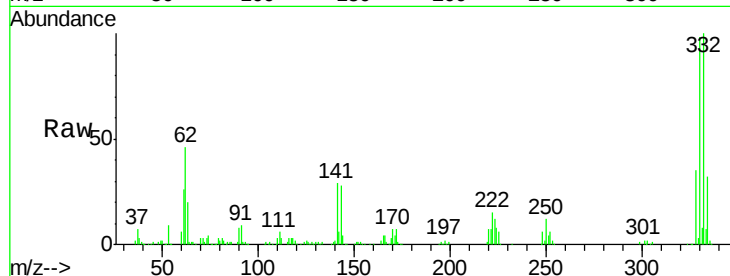
ClientSampled :

PB106657BS

Tgt Ion:	330	Resp:	307122
Ion Ratio	Lower	Upper	
330	100		
332	101.8	77.0	115.6
141	37.2	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 44.681 ng

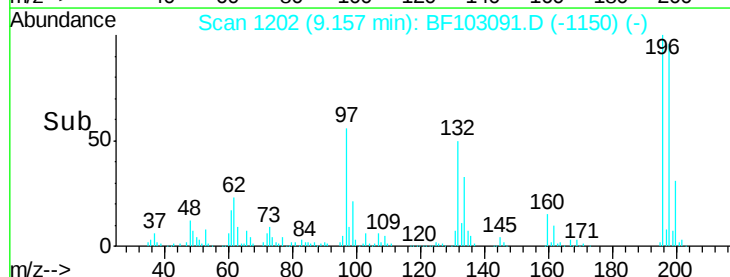
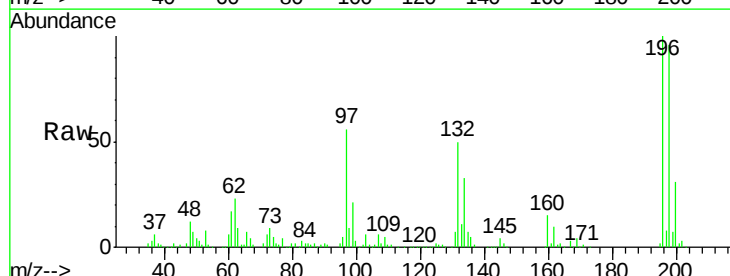
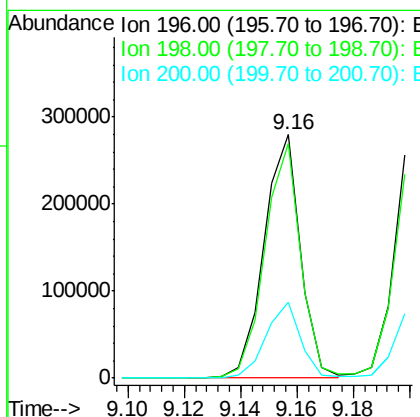
RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	196	Resp:	250501
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.7	113.5
200	31.3	24.5	36.7





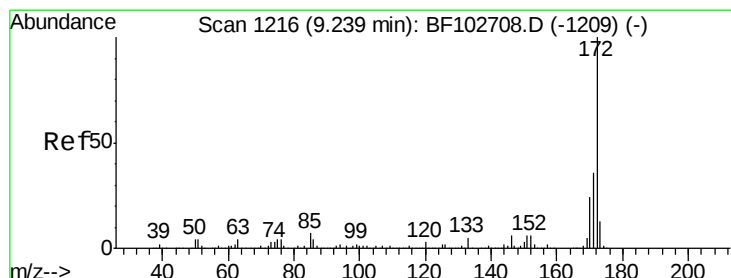
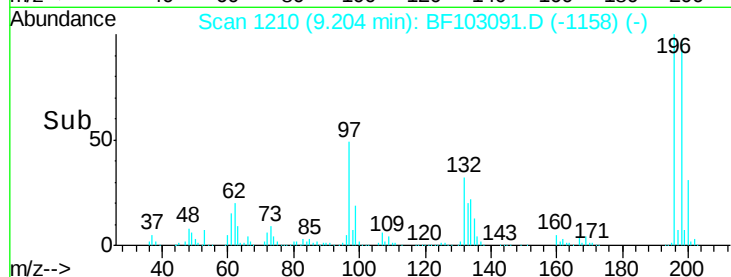
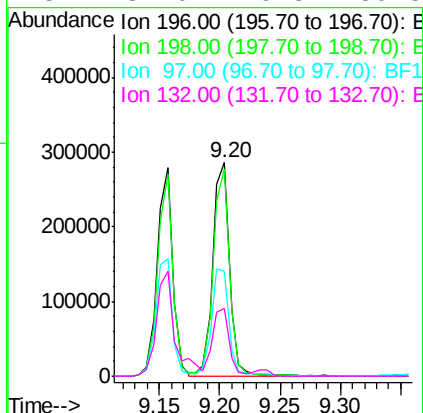
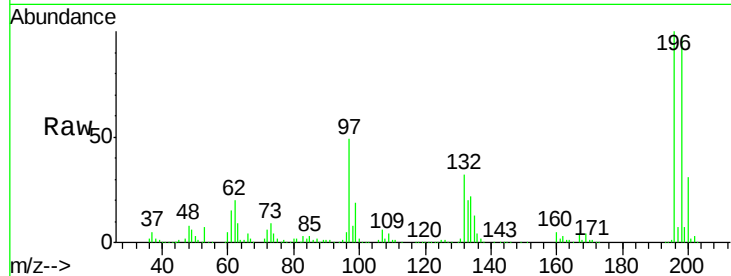
#43
 2,4,5-Trichlorophenol
 Concen: 42.539 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268809		
198	97.1	74.6	112.0	
97	49.4	42.9	64.3	
132	32.0	26.3	39.5	

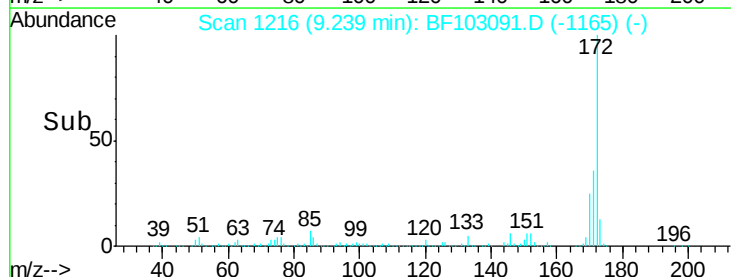
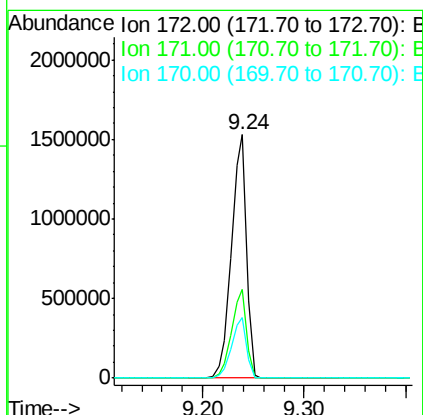
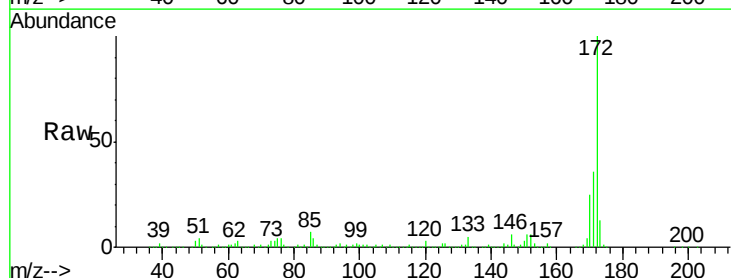
Manual Integrations
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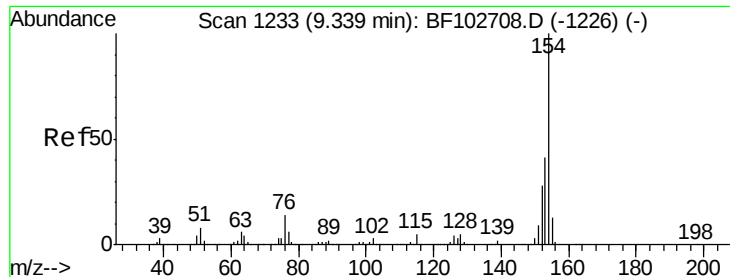
Sohil
 2/20/2018 10:20:44 AM



#44
 2-Fluorobiphenyl
 Concen: 83.203 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1571885		
171	36.4	29.7	44.5	
170	24.7	19.6	29.4	





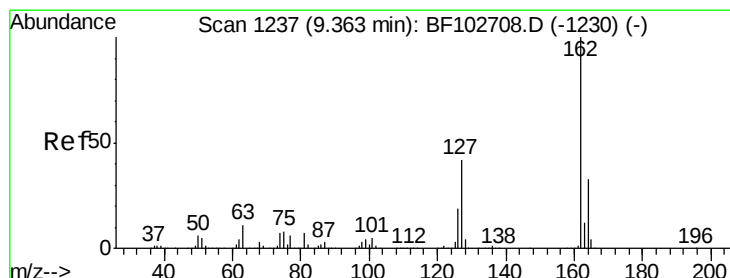
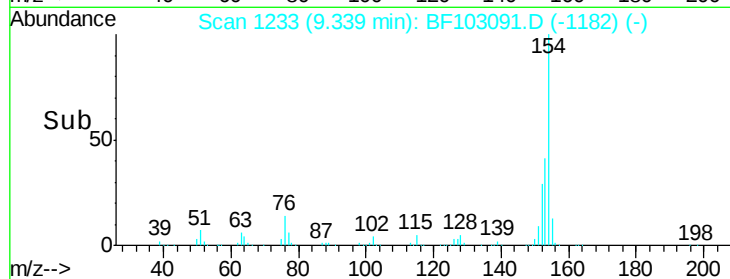
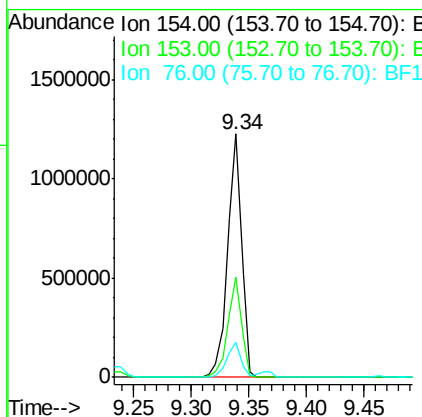
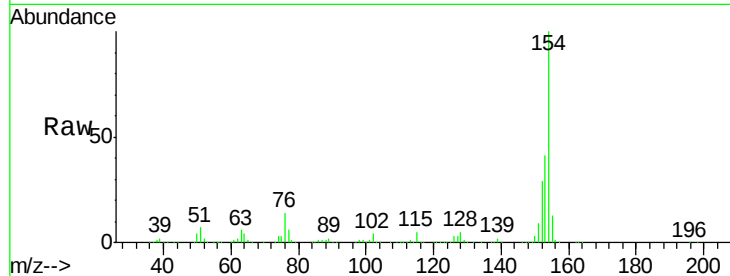
#45
1,1'-Biphenyl
Concen: 38.988 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.3	0.0	34.0

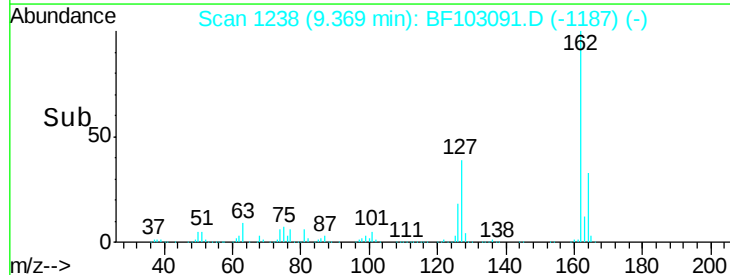
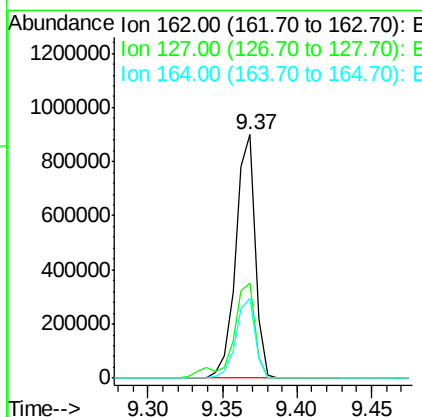
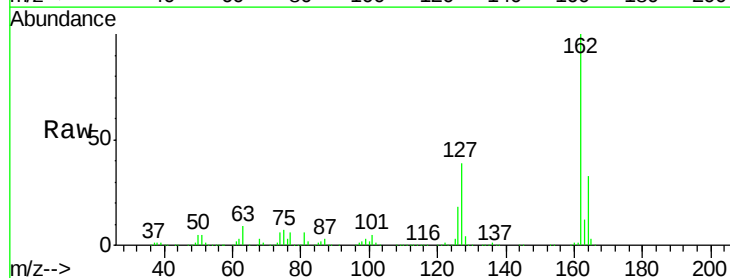
Manual Integrations
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#46
2-Chloronaphthalene
Concen: 39.790 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	32.8	26.5	39.7





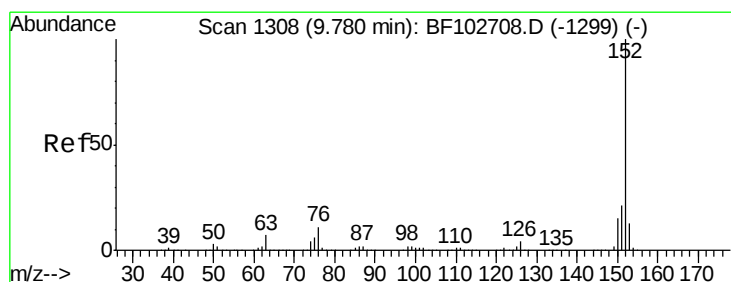
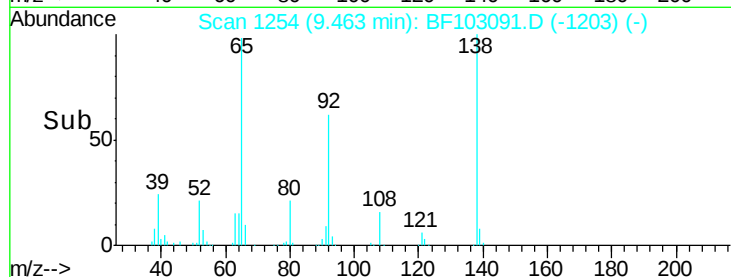
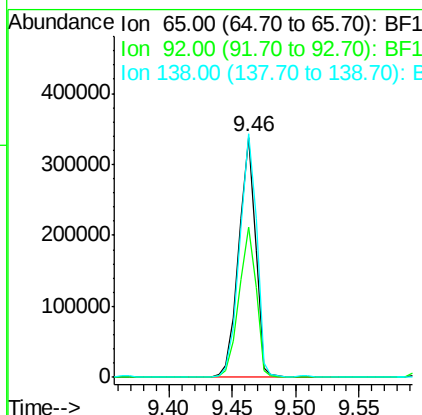
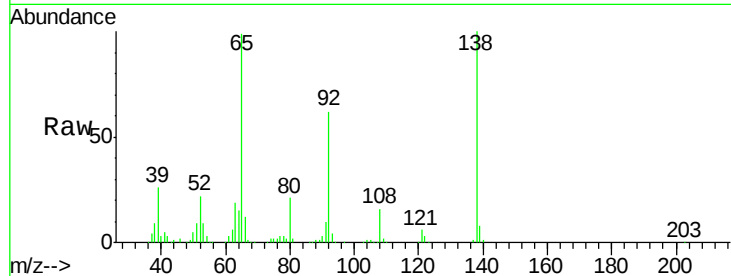
#47
2-Nitroaniline
Concen: 47.939 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	307470		
92	62.6	55.8	83.6	
138	101.5	91.2	136.8	

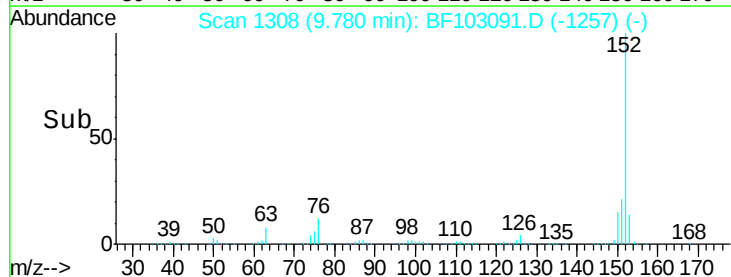
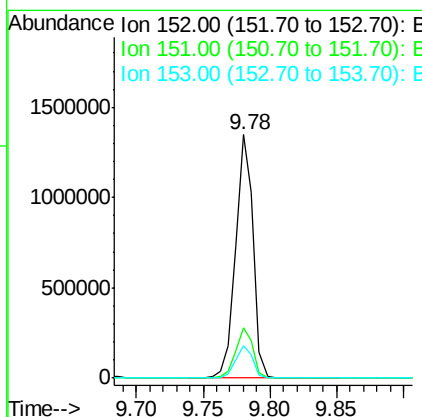
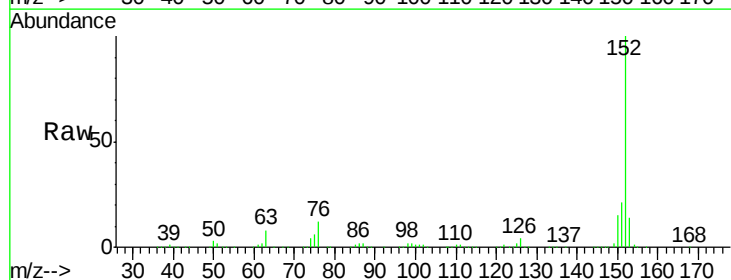
Manual Integrations
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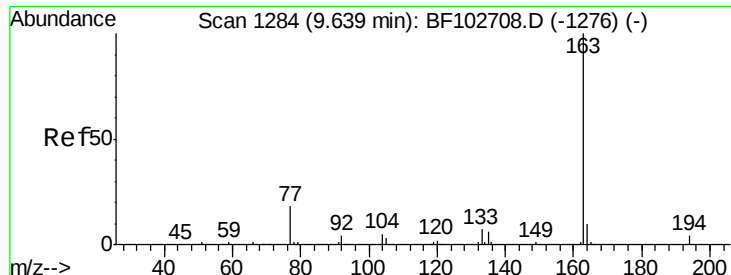
Sohil
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#48
Acenaphthylene
Concen: 38.331 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1237551		
151	20.7	16.3	24.5	
153	13.5	10.7	16.1	





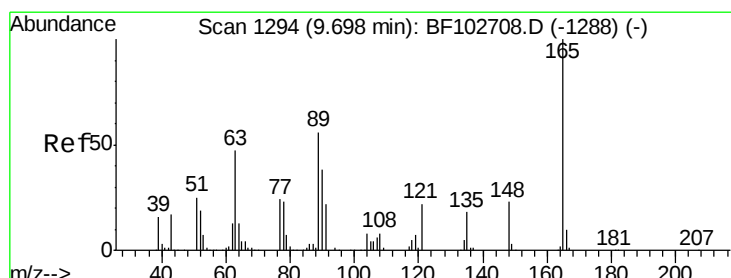
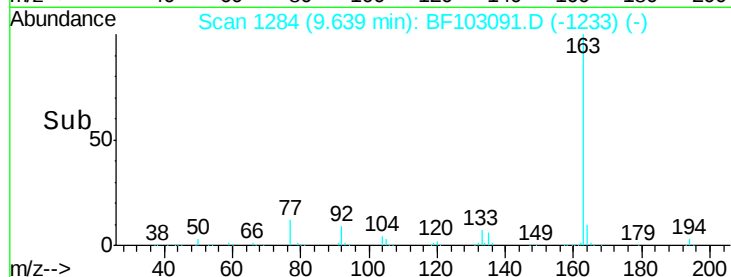
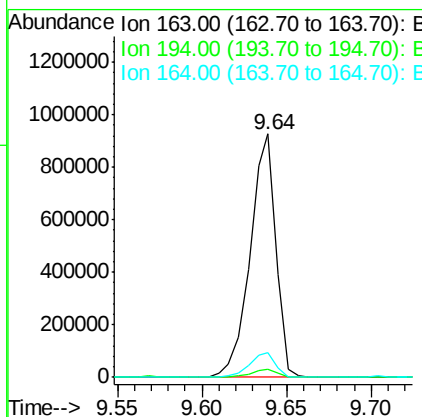
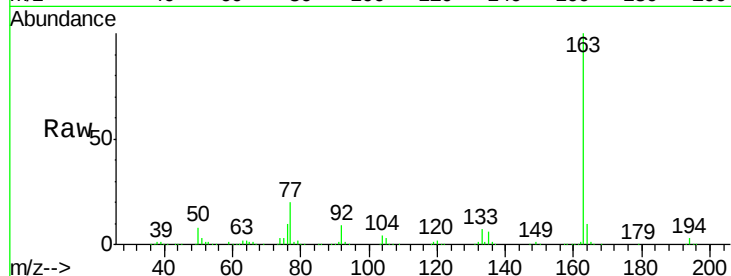
#49
Dimethylphthalate
Concen: 40.383 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	987087		
194	3.4	2.7	4.1	
164	10.0	8.2	12.2	

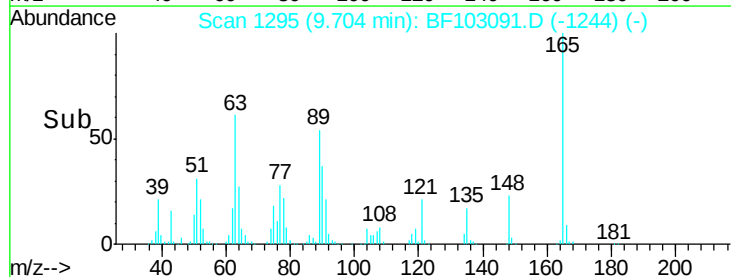
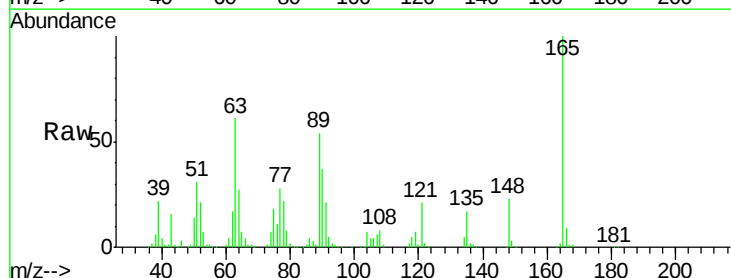
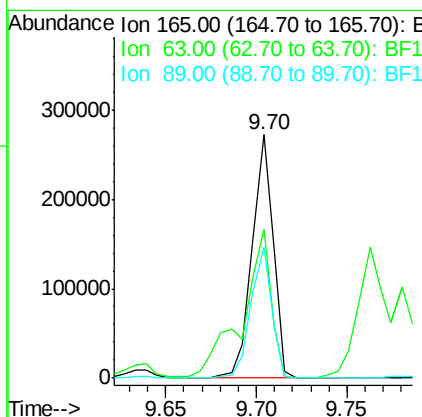
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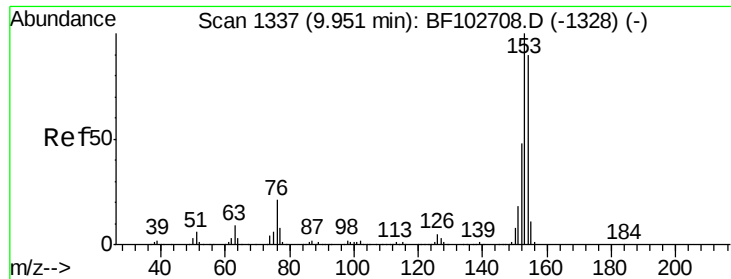
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.237 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219668		
63	61.3	44.7	67.1	
89	54.0	44.0	66.0	





#51

Acenaphthene

Concen: 36.632 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

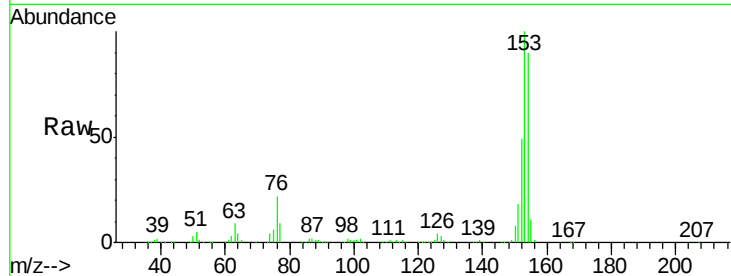
ClientSampleId :

PB106657BS

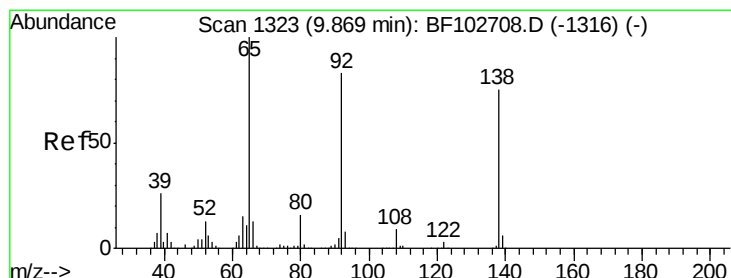
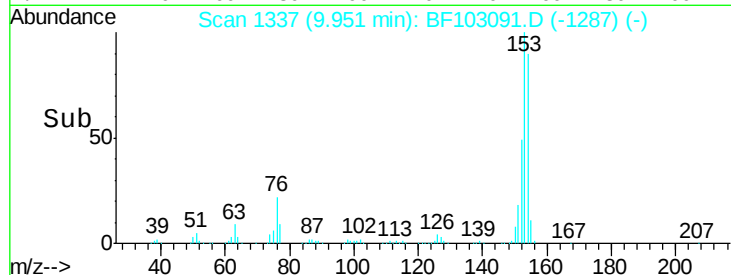
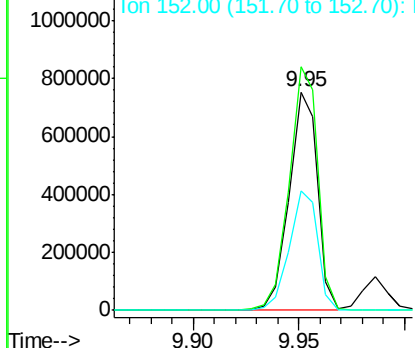
Tgt Ion:	154	Resp:	707292
Ion Ratio	Lower	Upper	
154	100		
153	111.4	91.2	136.8
152	54.5	43.8	65.8

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



#52

3-Nitroaniline

Concen: 27.040 ng

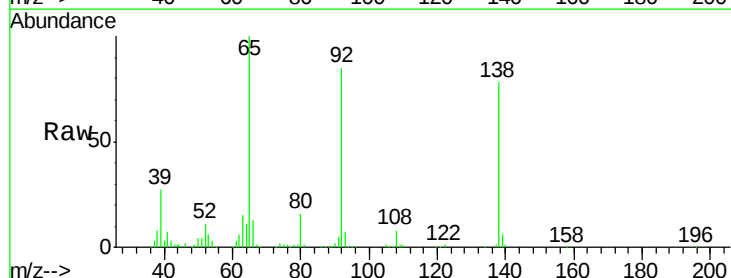
RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

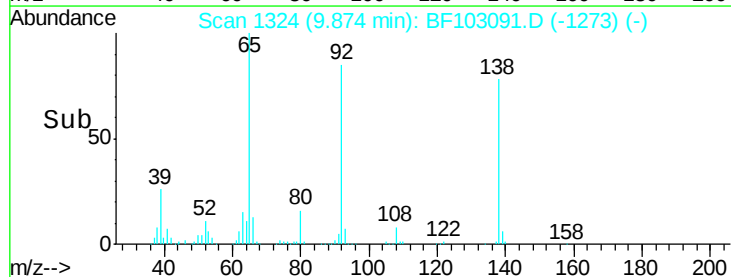
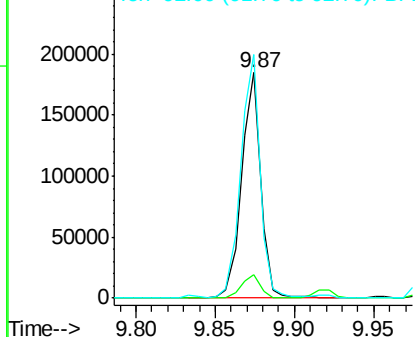
Lab File: BF103091.D

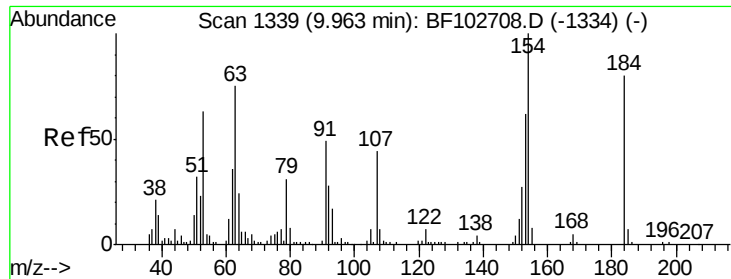
Acq: 19 Feb 2018 19:11

Tgt Ion:	138	Resp:	154724
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	108.0	89.4	134.2



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





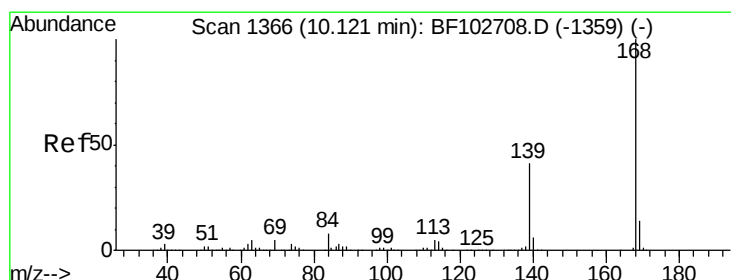
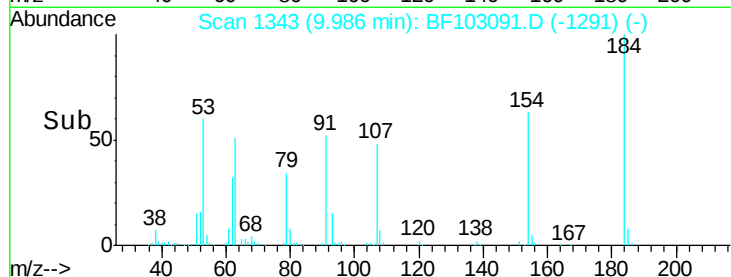
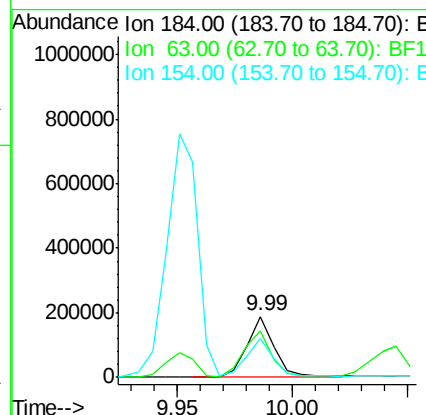
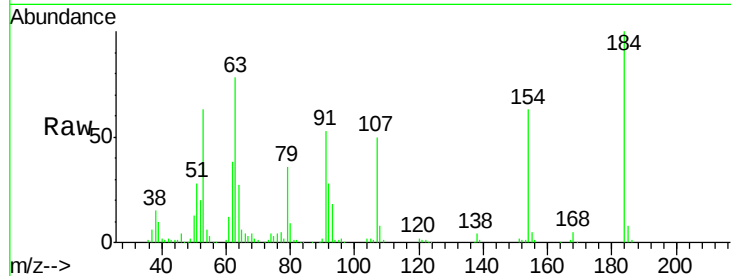
#53
2,4-Dinitrophenol
Concen: 91.584 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.7	54.2	81.2
154	63.1	184.0	276.0#

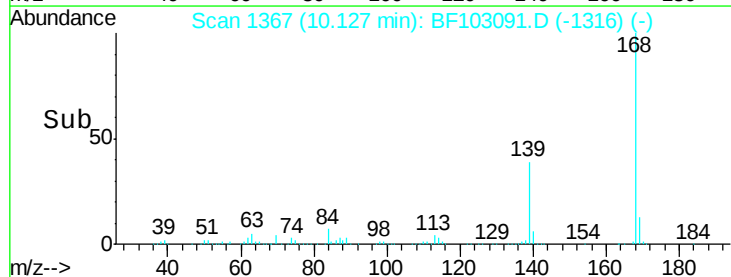
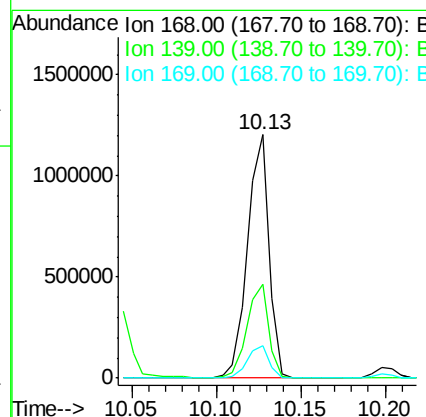
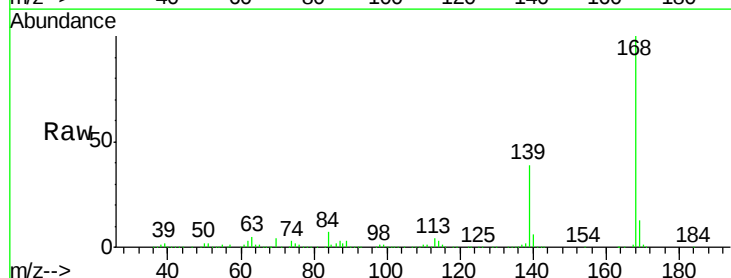
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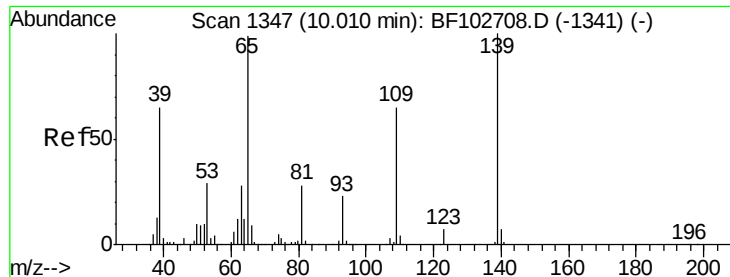
Sohil
2/20/2018 10:20:44 AM



#54
Dibenzofuran
Concen: 39.481 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.1	10.9	16.3





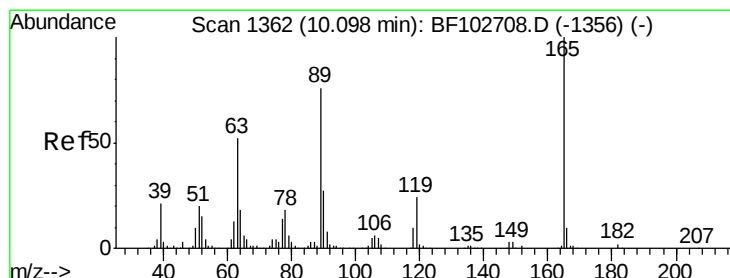
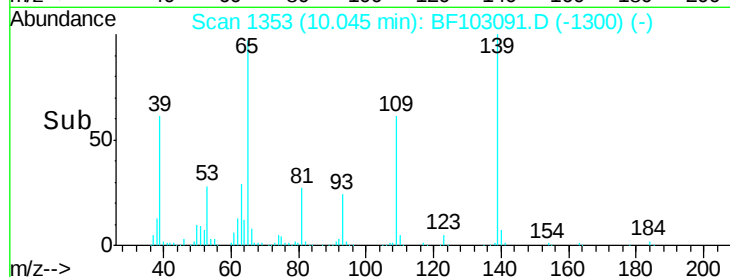
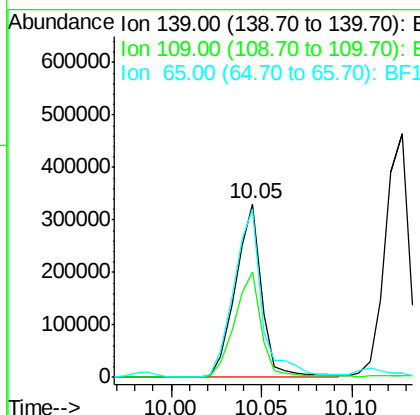
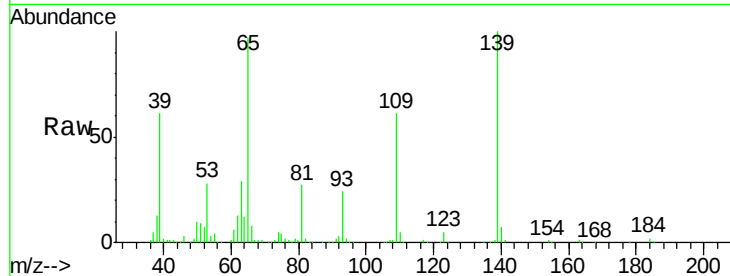
#55
4-Nitrophenol
Concen: 71.428 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	333743		
109	61.0	48.4	88.4	
65	96.7	72.6	112.6	

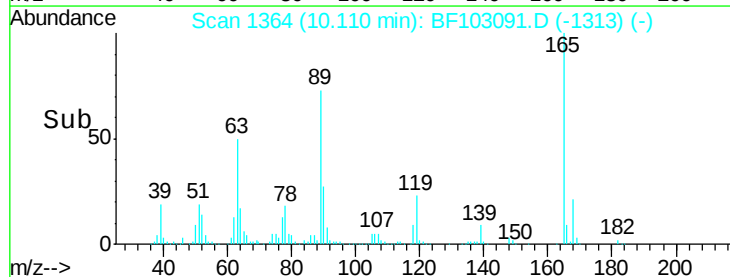
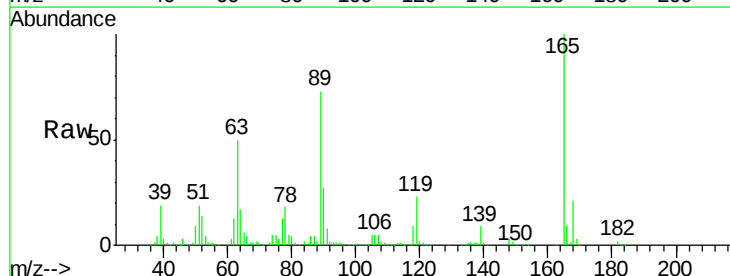
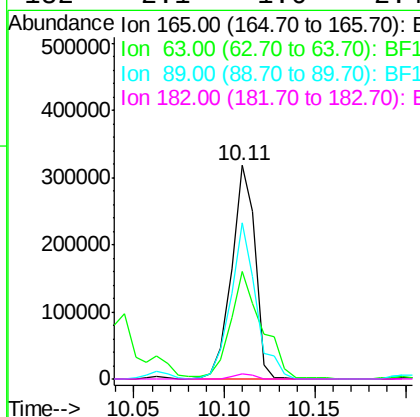
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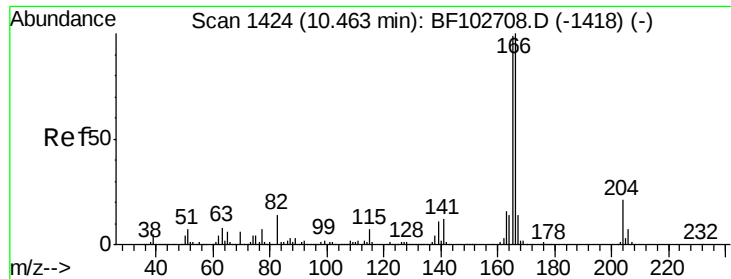
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.139 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	286967		
63	50.4	36.4	54.6	
89	73.2	57.8	86.6	
182	2.1	1.6	2.4	





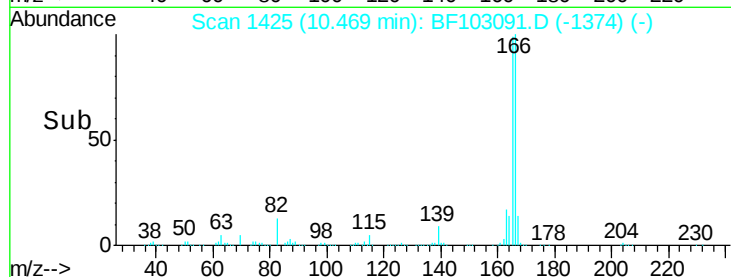
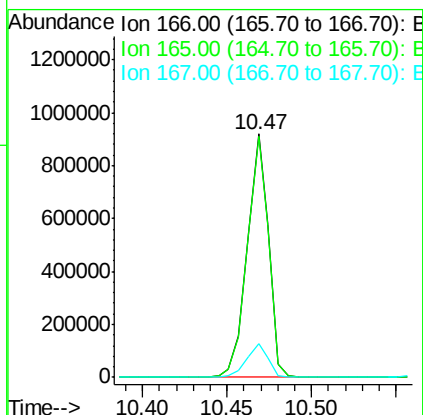
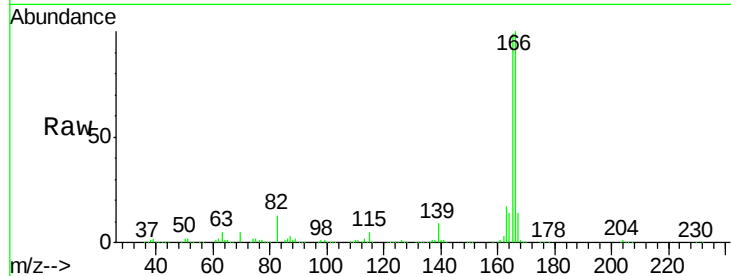
#57
Fluorene
 Concen: 40.959 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	810882		
165	99.2	79.8	119.8	
167	13.7	10.6	16.0	

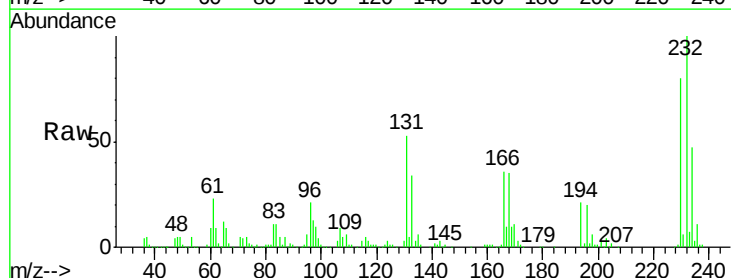
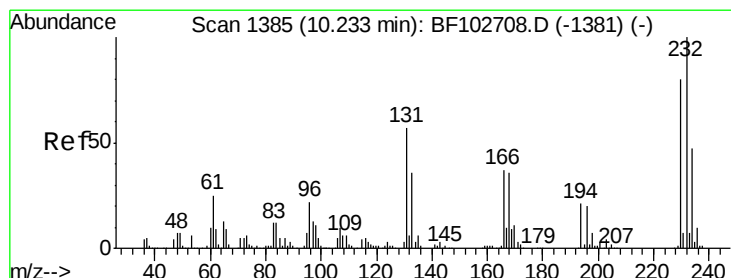
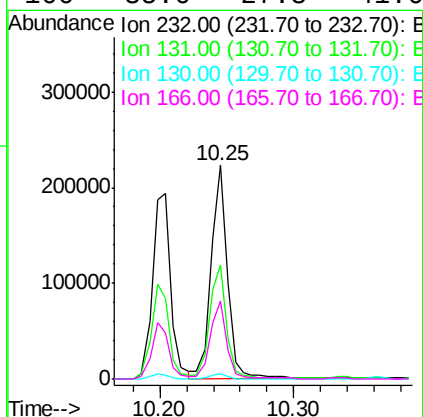
Manual Integrations
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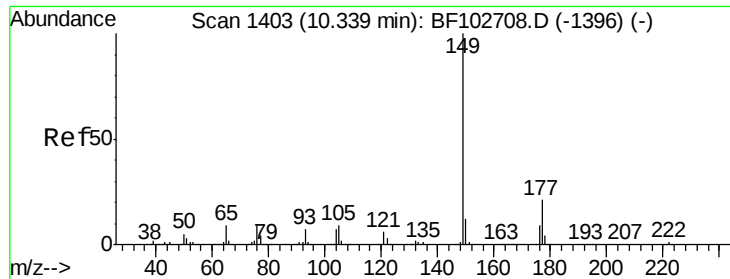
Sohil
 2/20/2018 10:20:44 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.996 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	192688		
131	54.7	43.8	65.8	
130	2.7	2.1	3.1	
166	35.6	27.8	41.6	





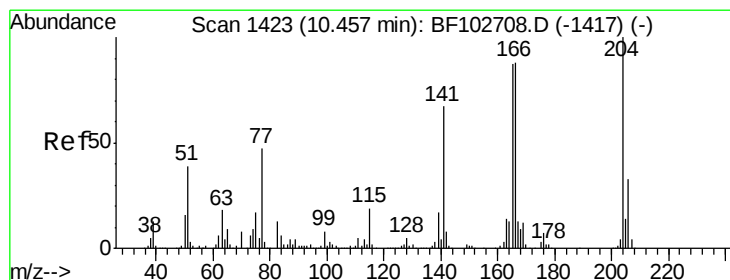
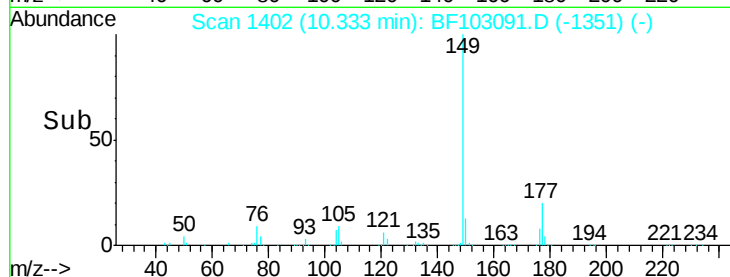
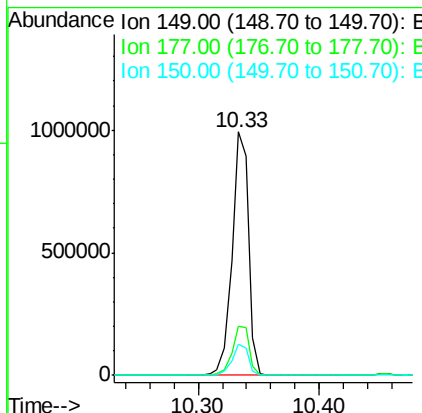
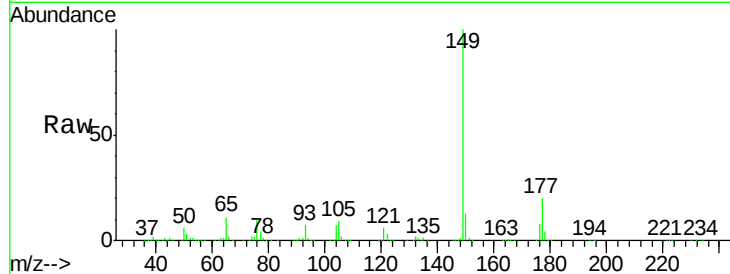
#59
Diethylphthalate
Concen: 39.026 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	941910		
177	20.1	16.1	24.1	
150	12.9	10.1	15.1	

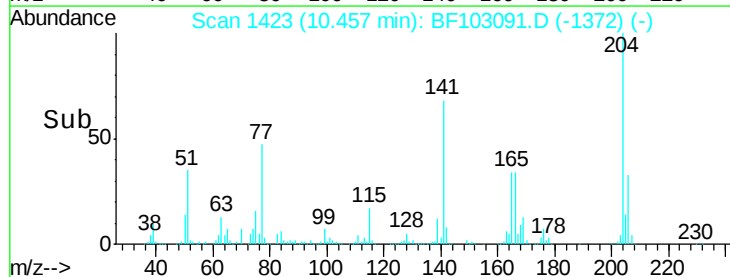
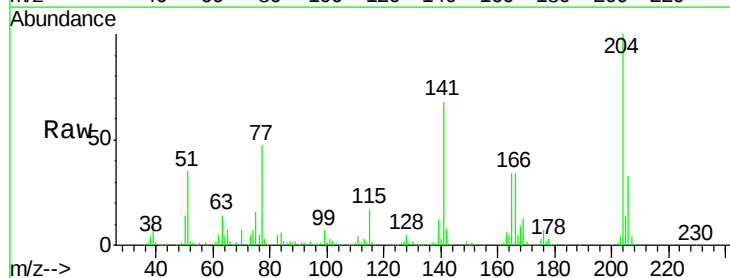
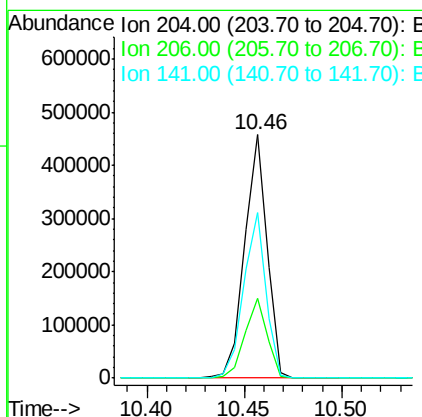
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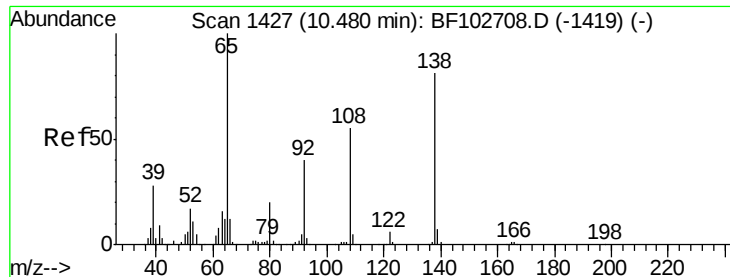
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.643 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	364704		
206	33.0	26.5	39.7	
141	68.2	54.6	81.8	





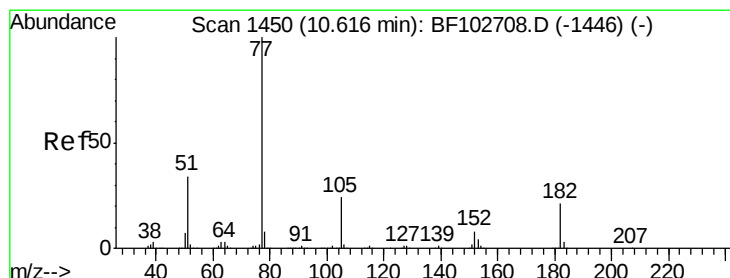
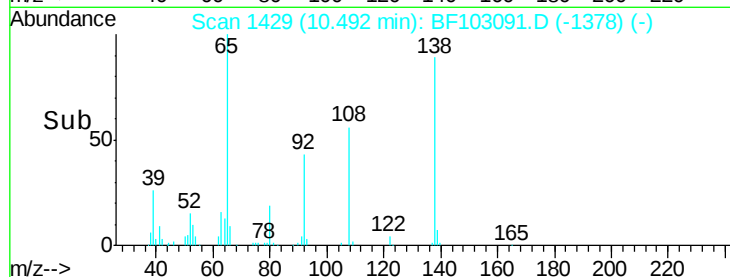
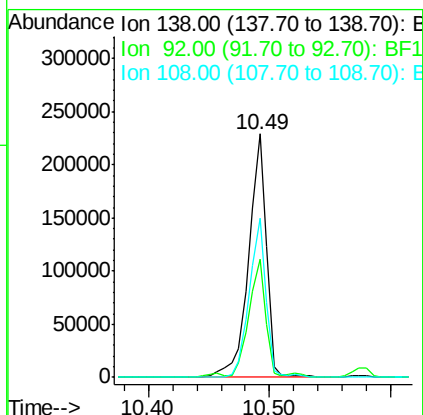
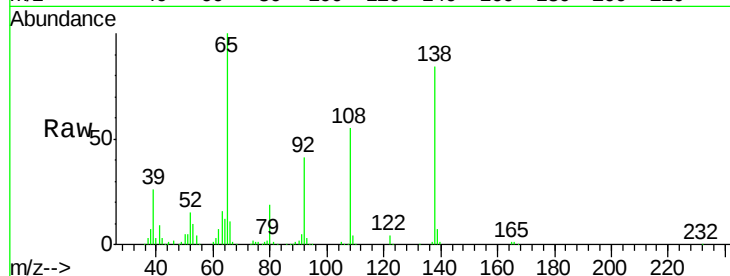
#61
4-Nitroaniline
Concen: 43.560 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampled :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	237252		
92	48.6	30.2	70.2	
108	65.4	52.5	92.5	

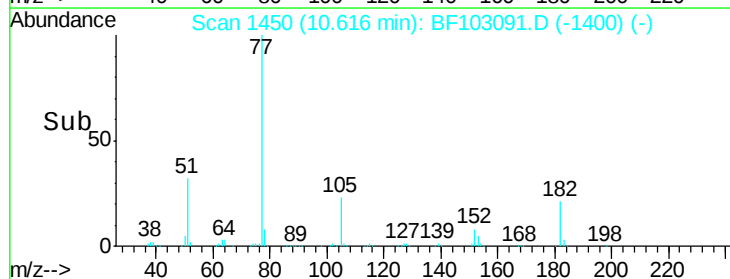
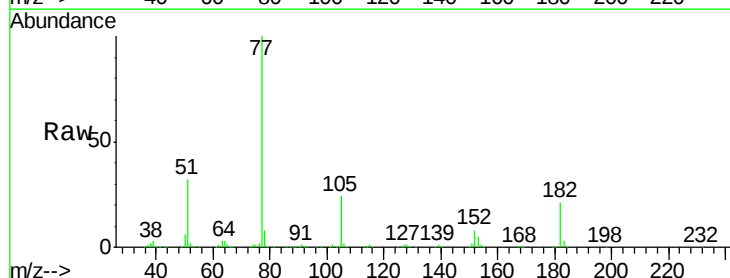
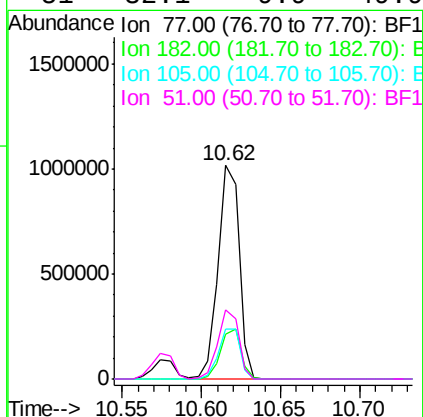
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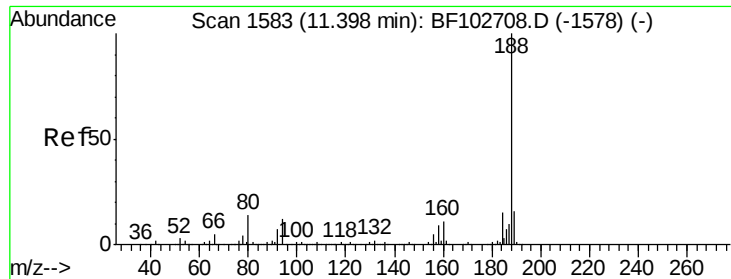
Sohil
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#62
Azobenzene
Concen: 39.075 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	942151		
182	21.0	1.7	41.7	
105	23.6	3.0	43.0	
51	32.1	9.9	49.9	





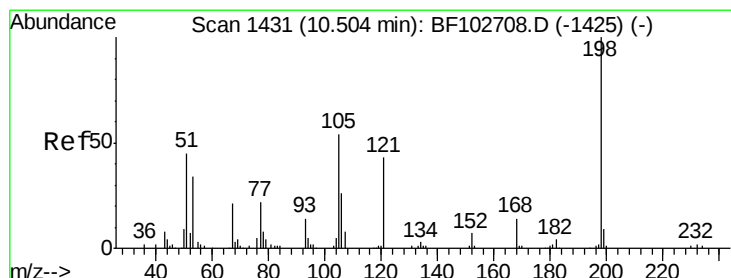
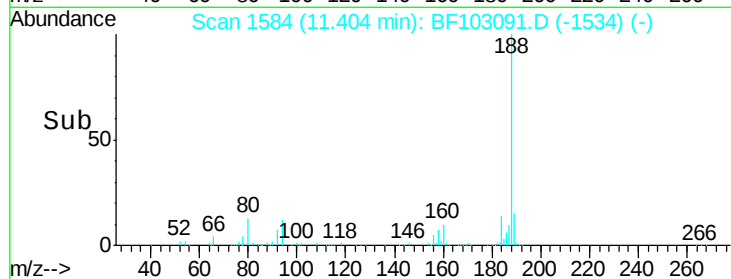
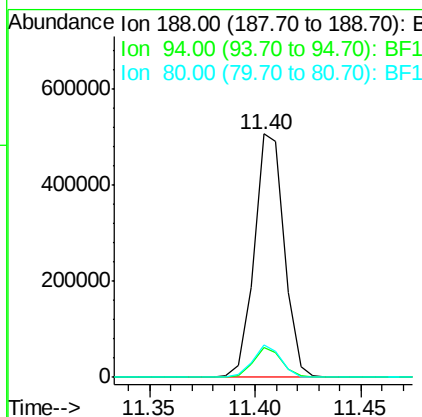
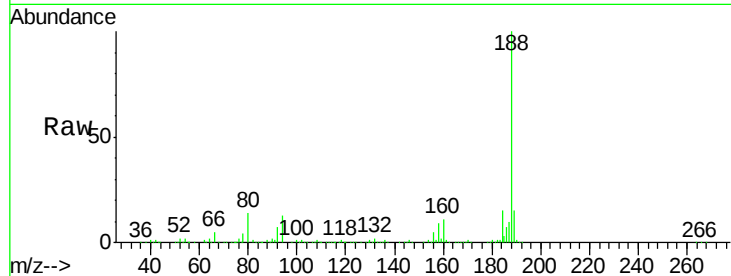
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	499293		
94	12.5	8.5	12.7	
80	13.5	9.2	13.8	

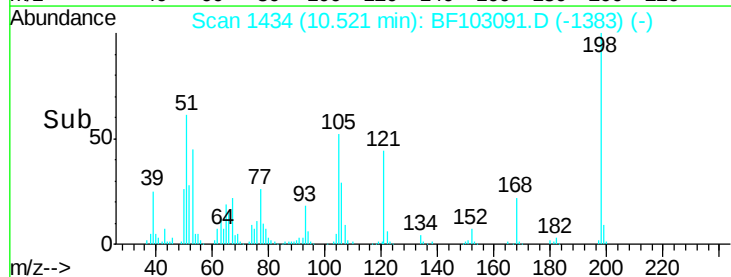
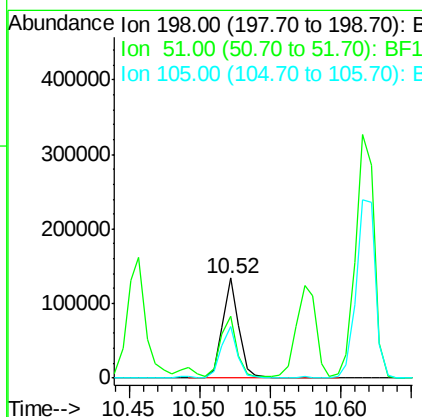
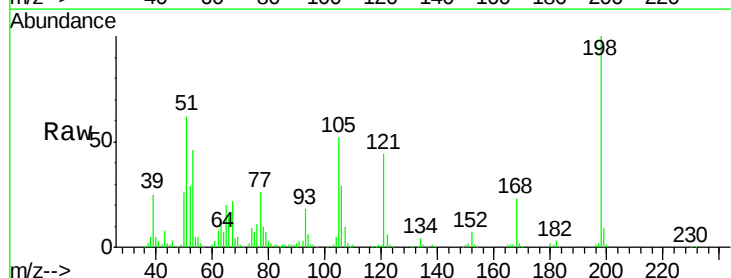
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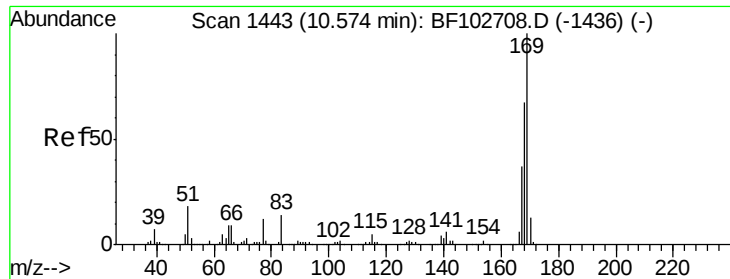
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 51.055 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108493		
51	61.5	37.7	77.7	
105	52.0	36.3	76.3	





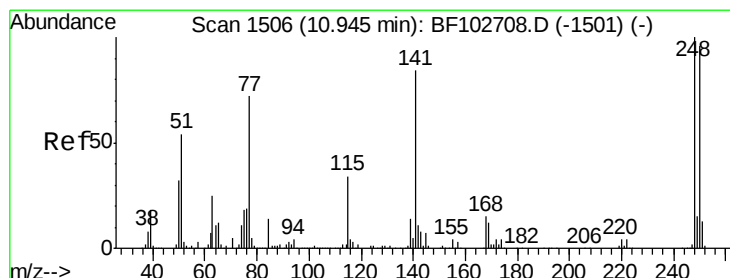
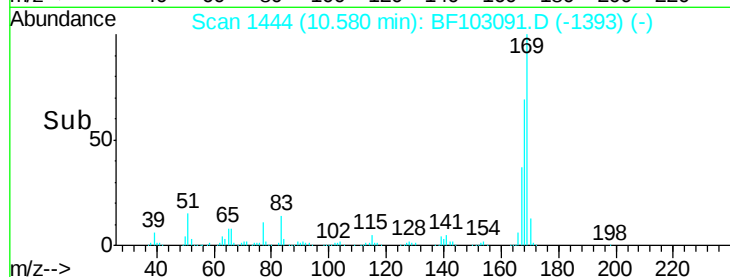
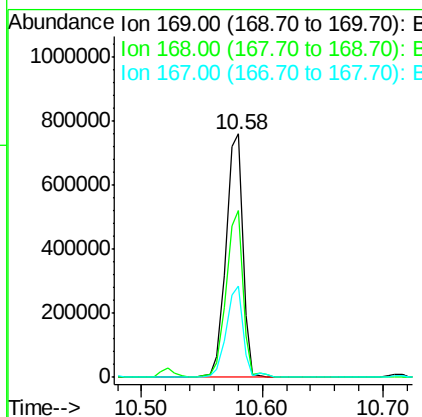
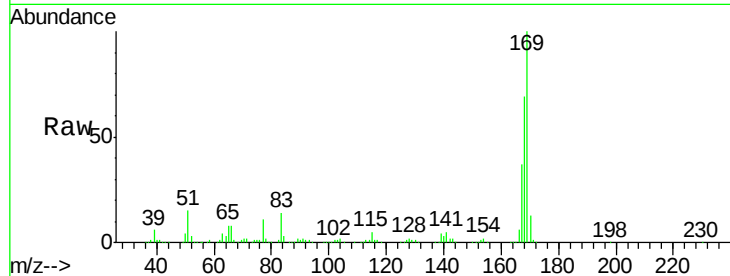
#65
 n-Nitrosodiphenylamine
 Concen: 41.955 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	738899		
168	68.7	54.4	81.6	
167	37.5	29.8	44.6	

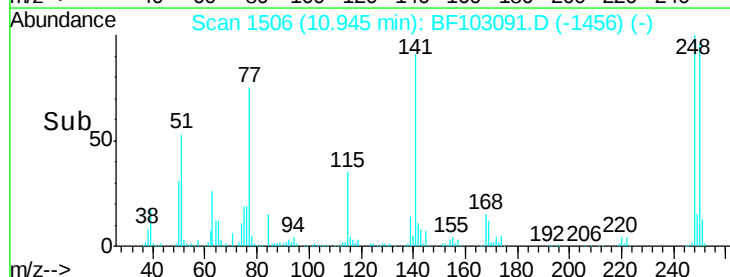
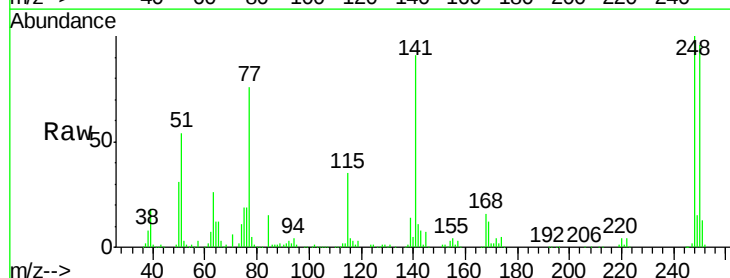
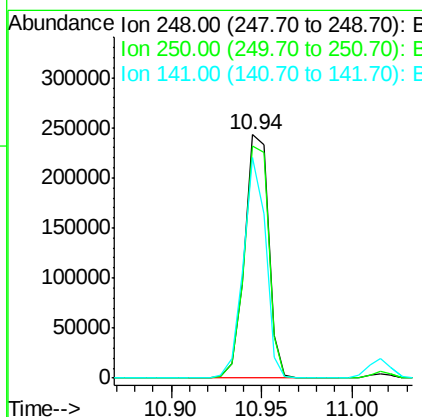
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#66
 4-Bromophenyl-phenylether
 Concen: 42.365 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	223754		
250	95.6	76.9	115.3	
141	90.6	74.4	111.6	





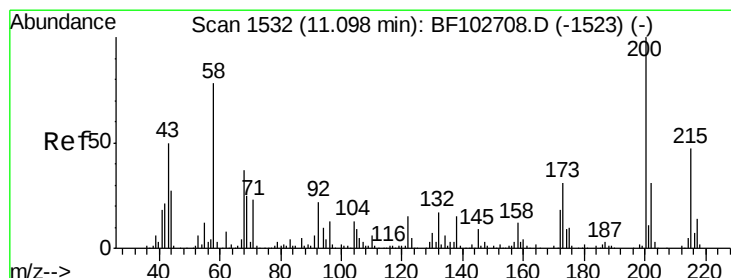
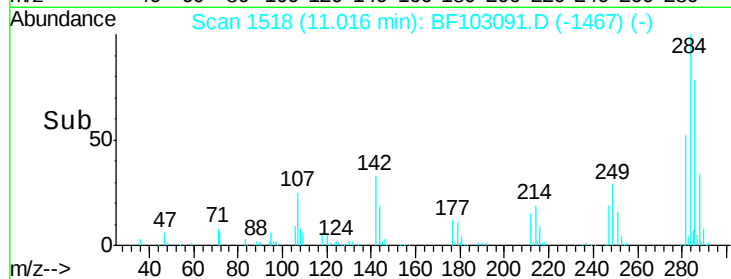
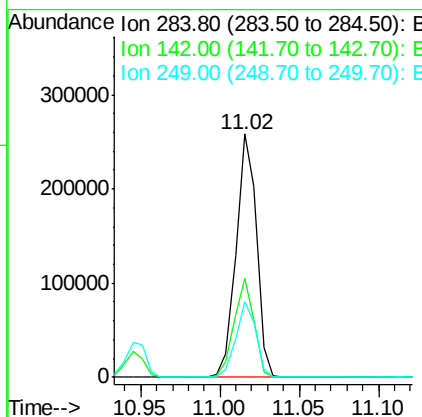
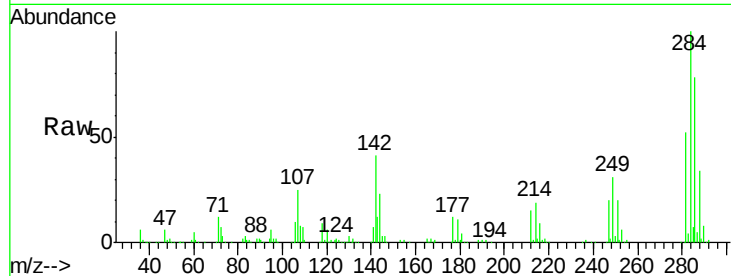
#67
Hexachlorobenzene
Concen: 39.780 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	231784		
142	40.6	34.6	52.0	
249	31.2	24.8	37.2	

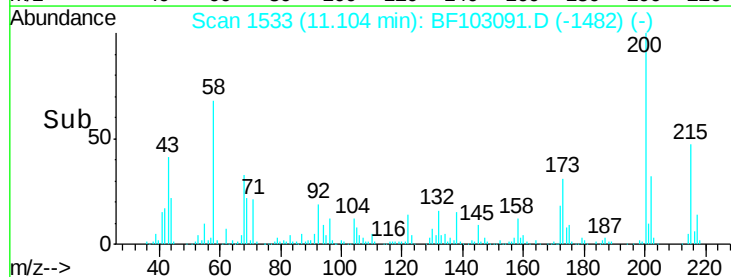
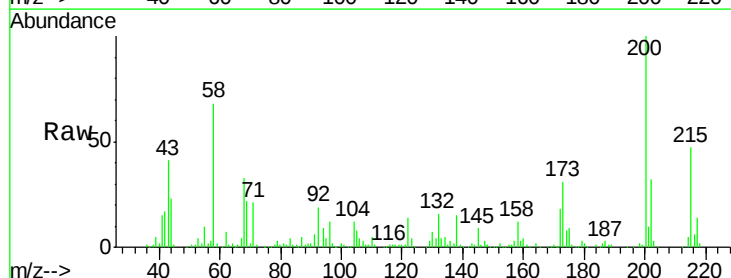
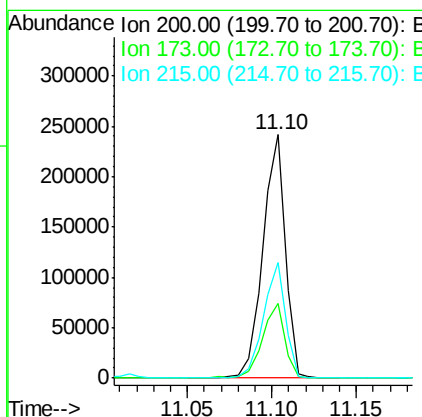
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#68
Atrazine
Concen: 42.735 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	222032		
173	30.8	8.6	48.6	
215	47.4	25.1	65.1	





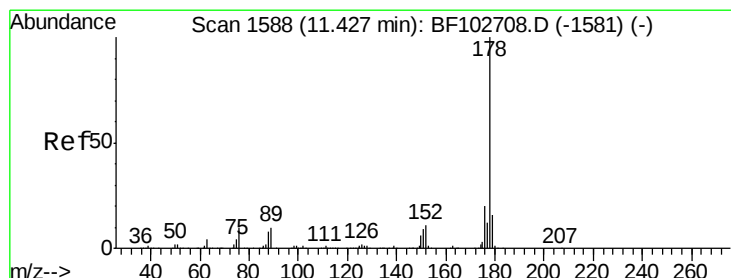
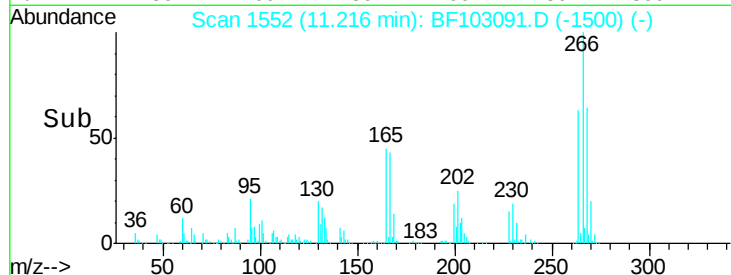
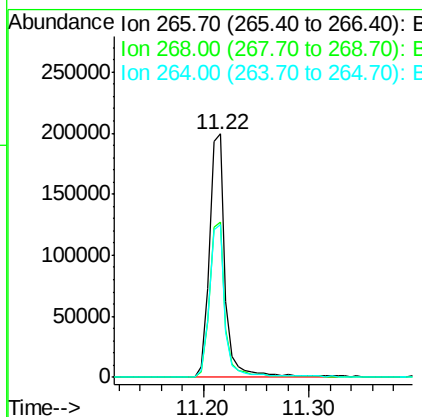
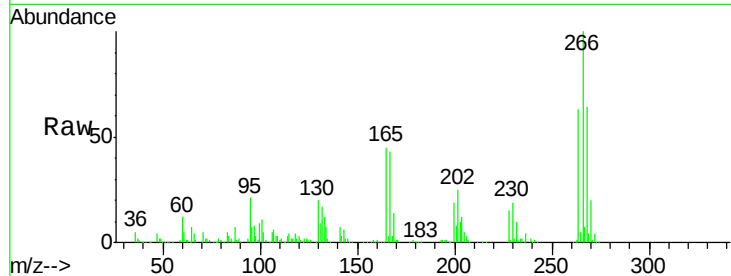
#69
 Pentachlorophenol
 Concen: 61.745 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleID :
 PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	211186		
268	64.0	51.1	76.7	
264	63.0	49.5	74.3	

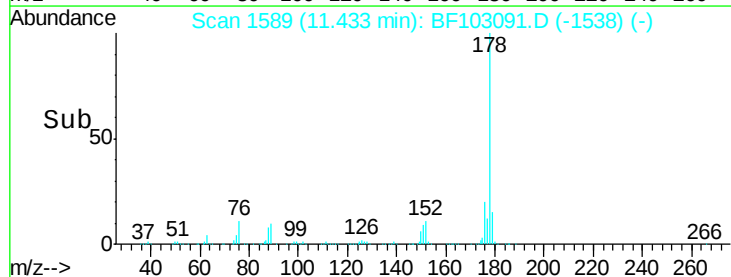
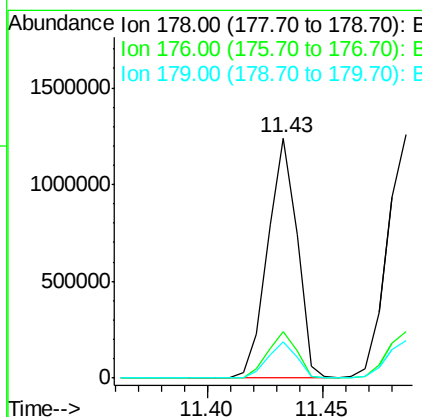
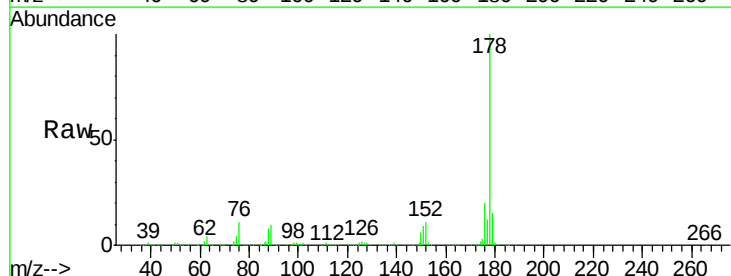
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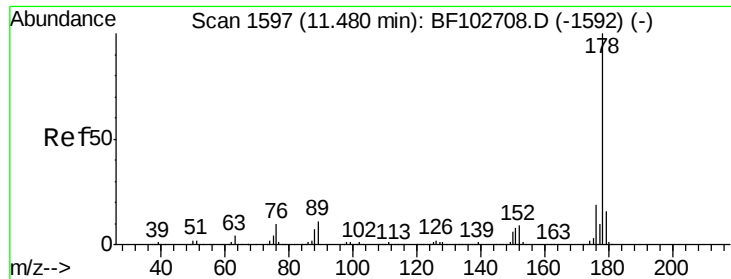
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#70
 Phenanthrene
 Concen: 39.518 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1098900		
176	19.6	15.8	23.8	
179	15.3	13.0	19.6	





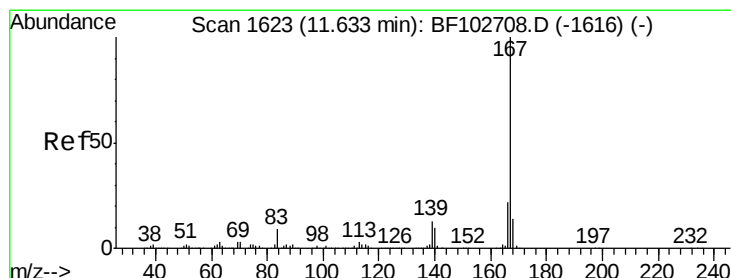
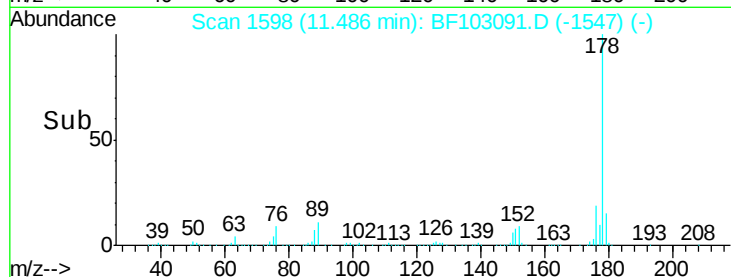
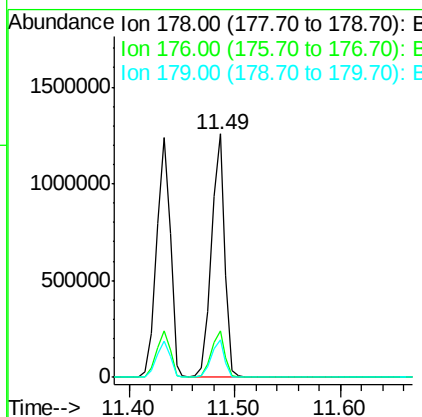
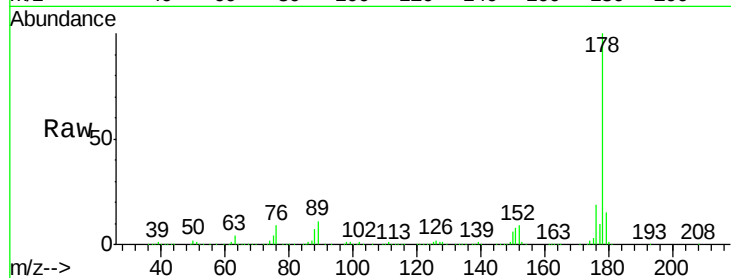
#71
 Anthracene
 Concen: 39.612 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106657BS

Tgt Ion:178 Resp: 1120331
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.2 12.6 19.0

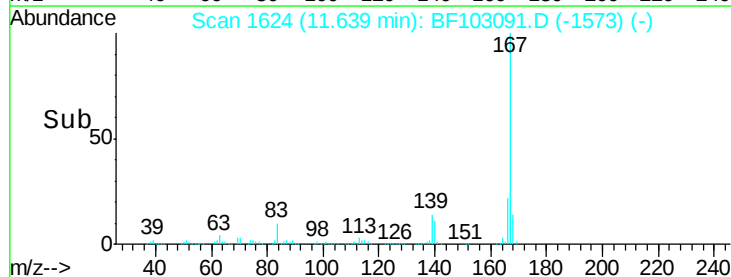
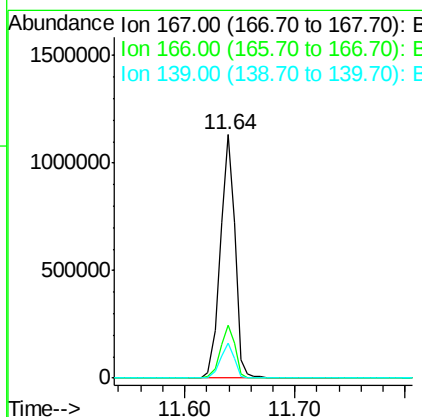
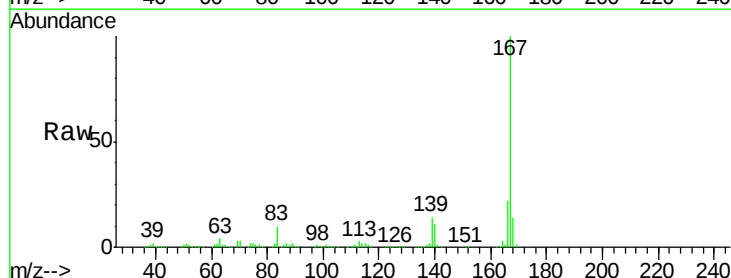
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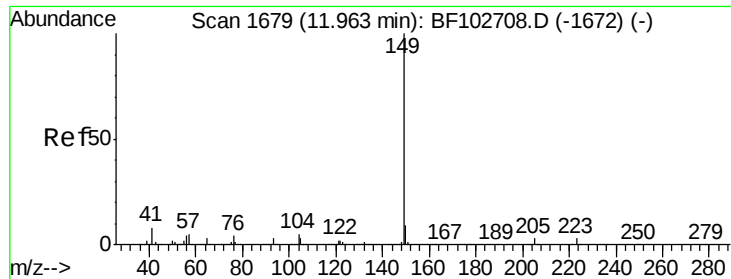
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#72
 Carbazole
 Concen: 37.887 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103091.D
 Acq: 19 Feb 2018 19:11

Tgt Ion:167 Resp: 1049772
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.1 10.9 16.3





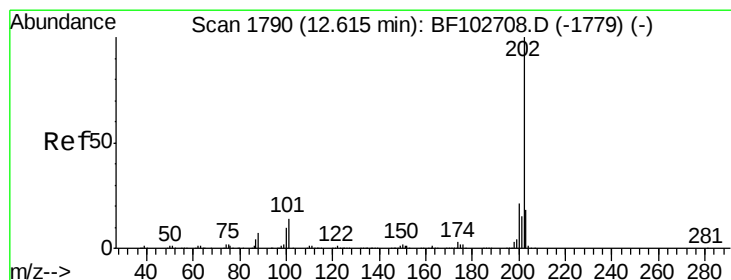
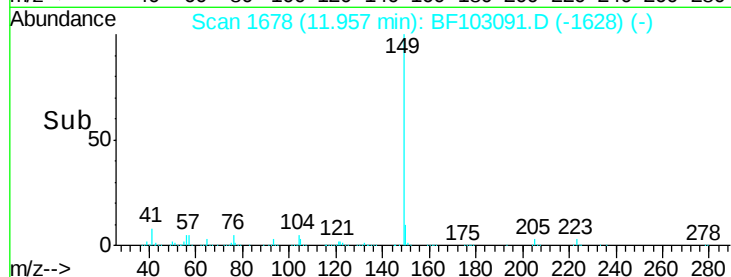
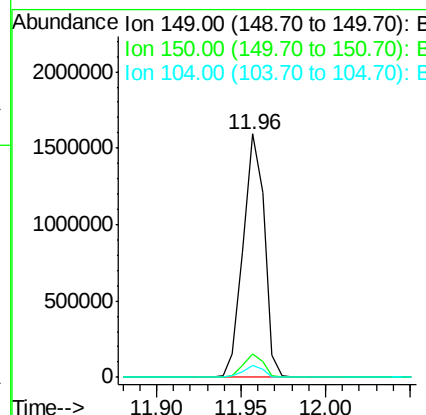
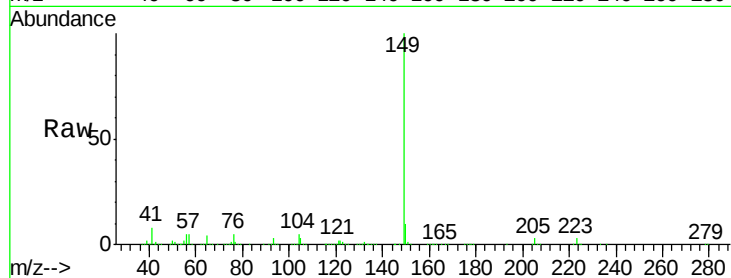
#73
Di-n-butylphthalate
Concen: 41.348 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion:149 Resp: 1391690
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.8 3.8 5.8

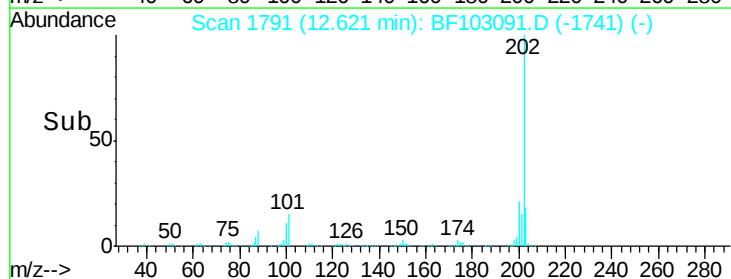
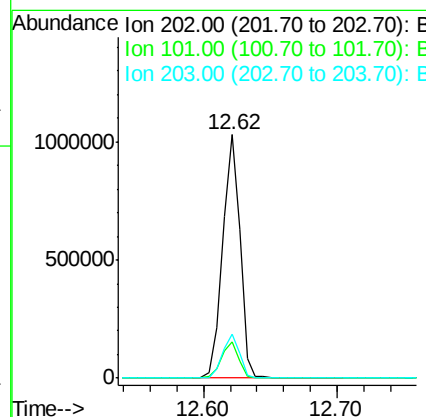
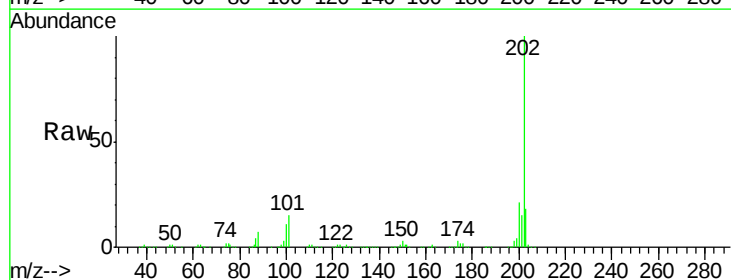
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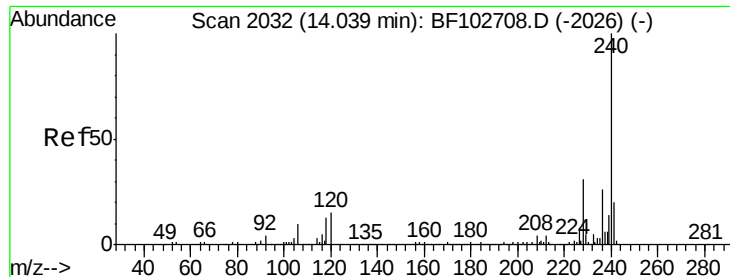
Sohil
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#74
Fluoranthene
Concen: 33.965 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion:202 Resp: 950241
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

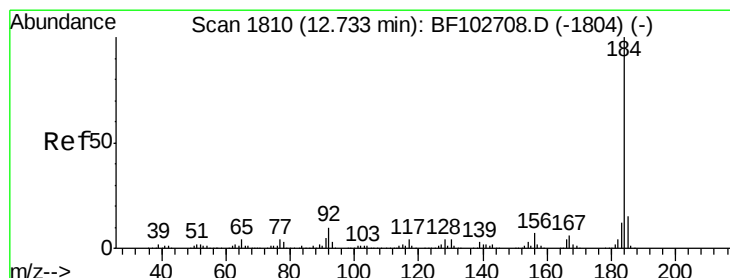
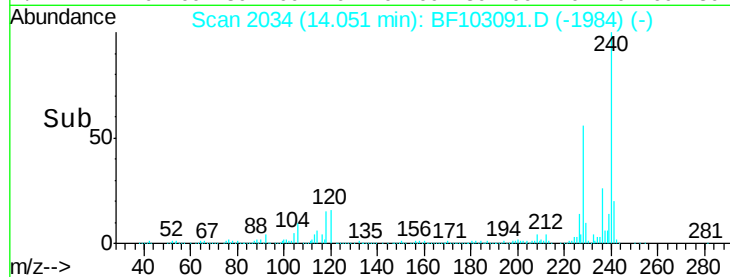
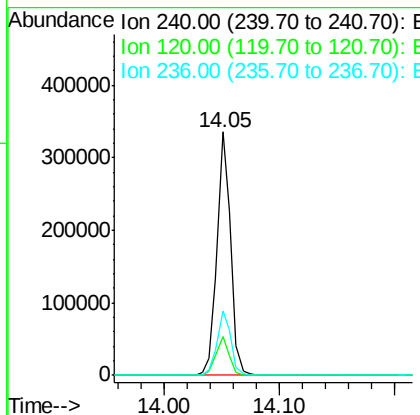
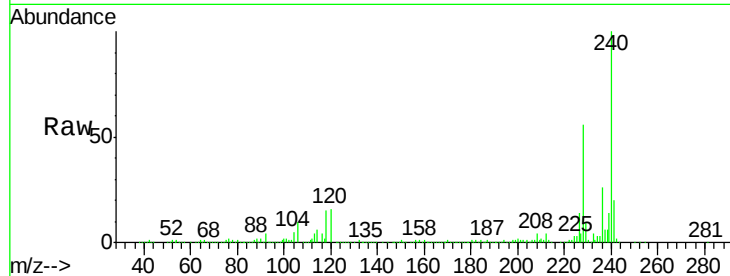
ClientSampleId :

PB106657BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	273743		
120	15.8	9.5	14.3#	
236	26.4	20.7	31.1	

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#76

Benzidine

Concen: 33.801 ng

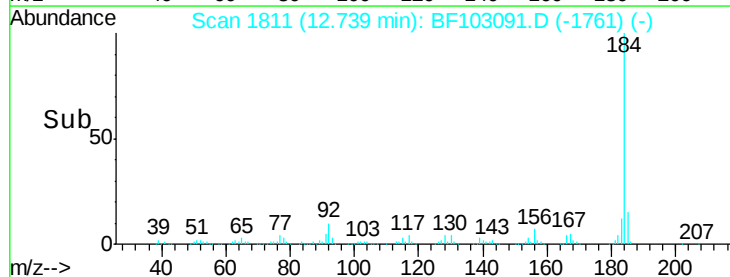
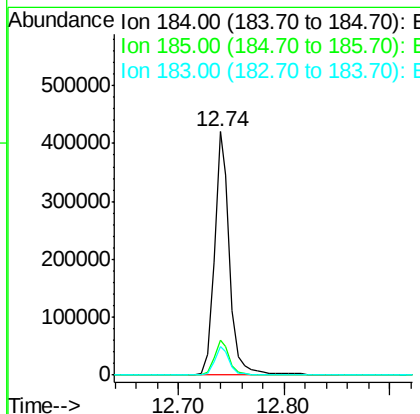
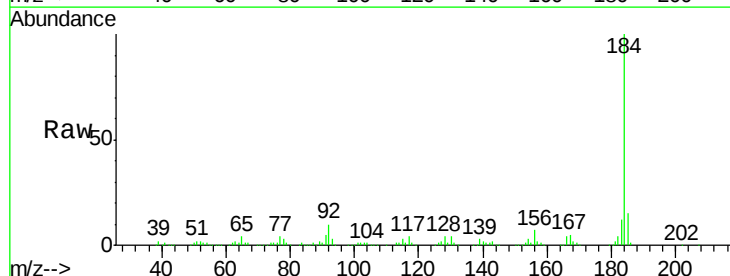
RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	425264		
185	14.6	12.6	18.8	
183	11.6	9.3	13.9	





#77

Pyrene

Concen: 43.643 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

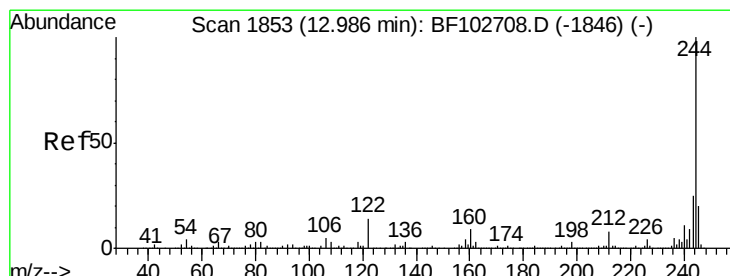
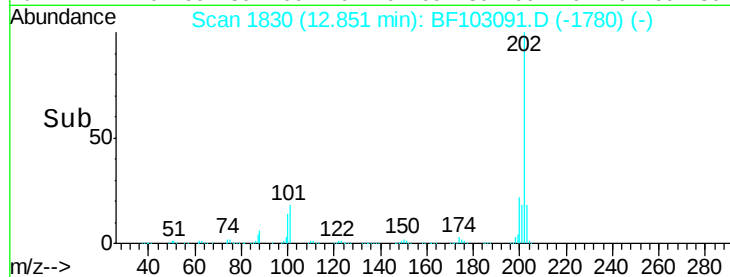
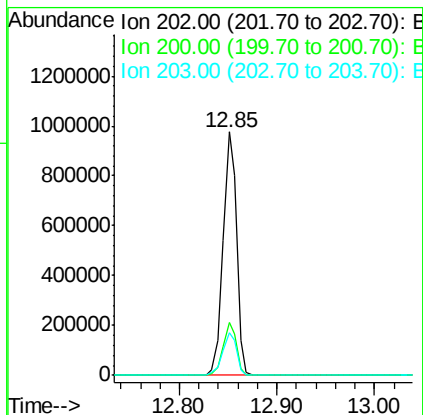
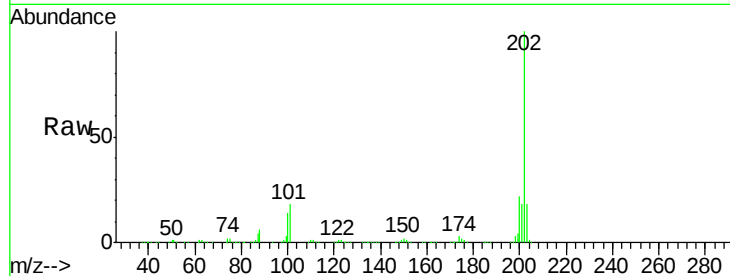
ClientSampleId :

PB106657BS

Tgt Ion:	202	Resp:	936830
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 100.602 ng

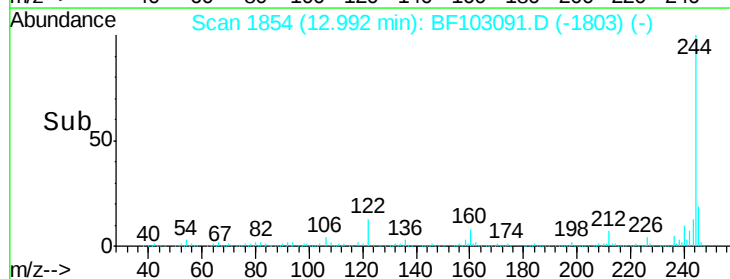
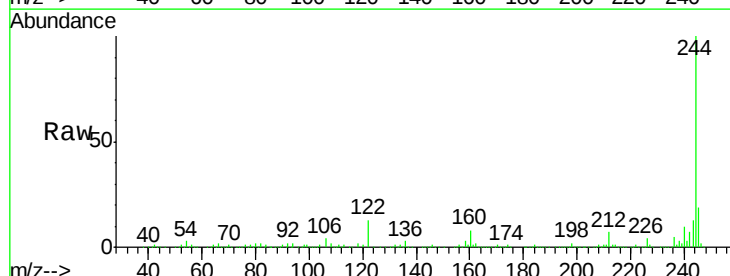
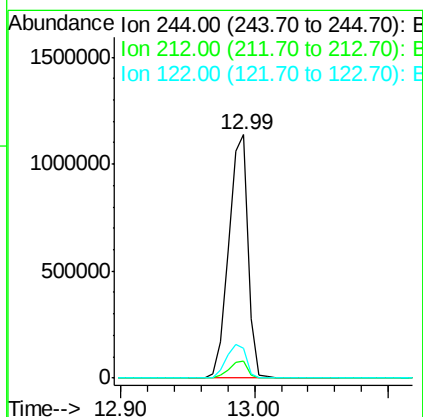
RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	244	Resp:	1163085
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4





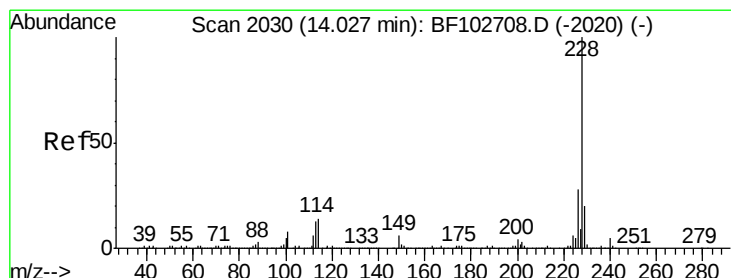
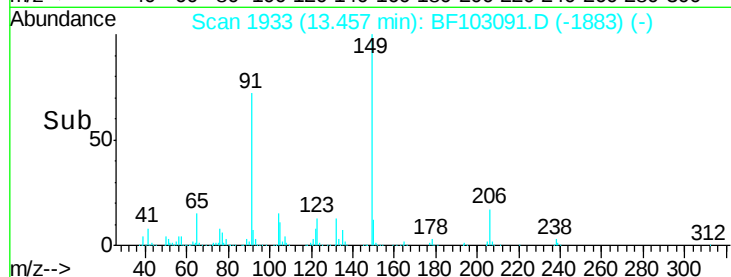
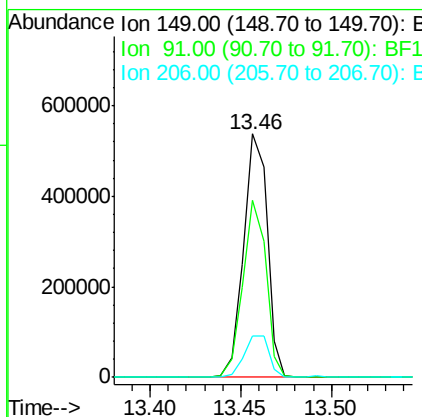
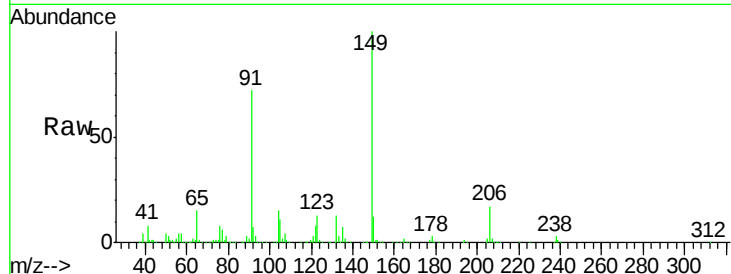
#79
Butylbenzylphthalate
Concen: 47.815 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.5	56.8	85.2
206	16.9	14.1	21.1

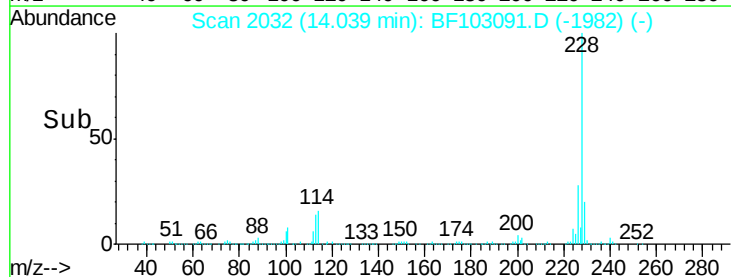
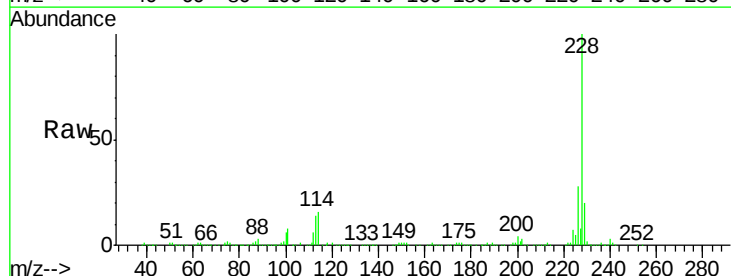
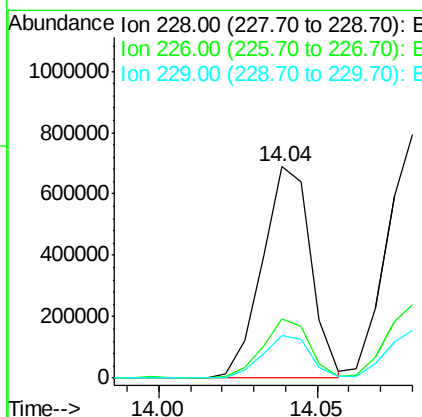
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#80
Benzo(a)anthracene
Concen: 42.584 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.4	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.280 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

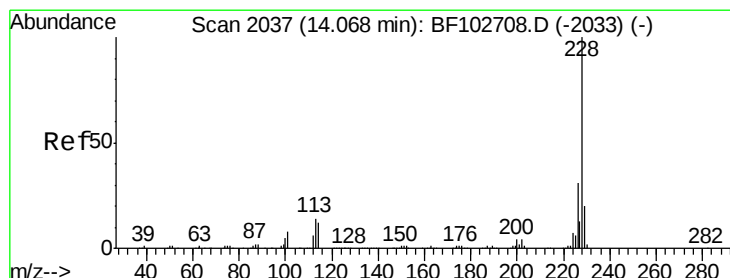
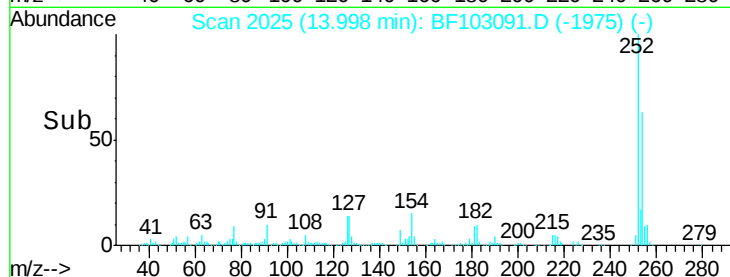
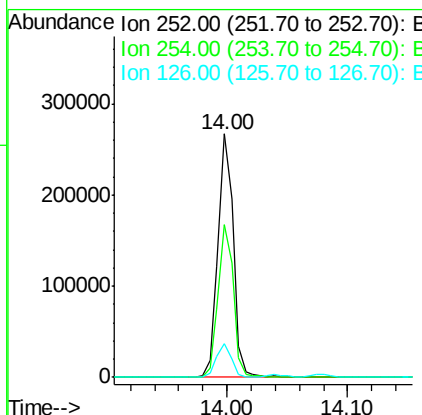
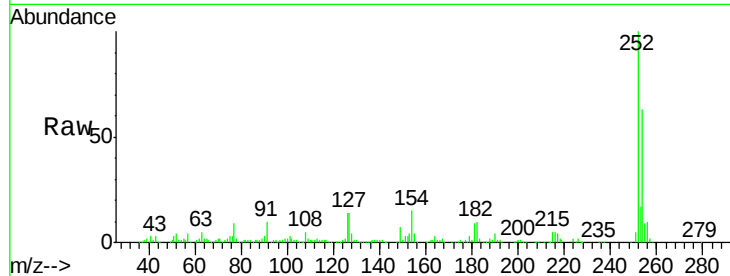
ClientSampleId :

PB106657BS

Tgt Ion:	252	Resp:	231583
Ion Ratio	Lower	Upper	
252	100		
254	62.9	50.4	75.6
126	13.9	11.3	16.9

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#82

Chrysene

Concen: 40.718 ng

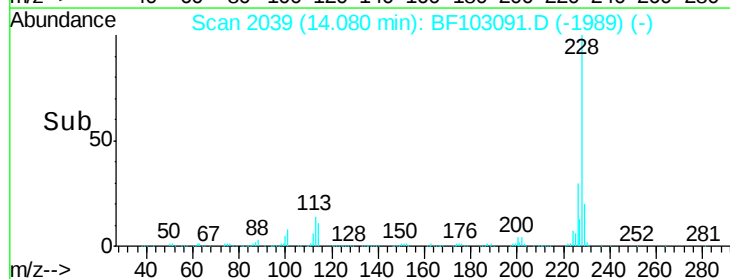
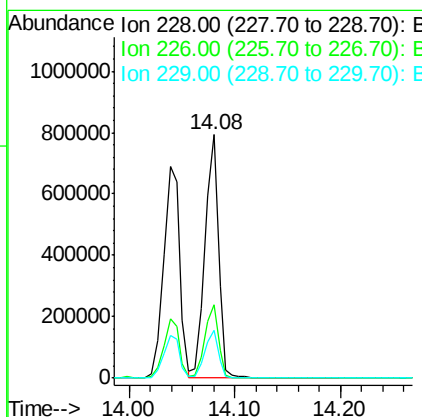
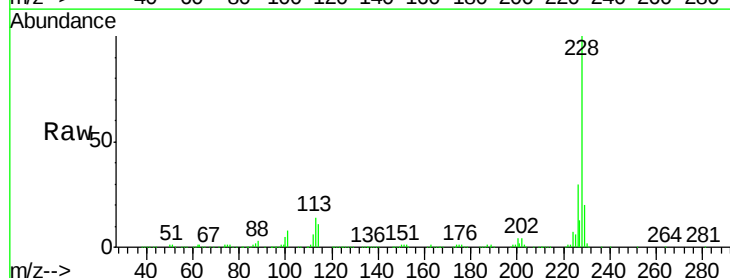
RT: 14.08 min Scan# 2039

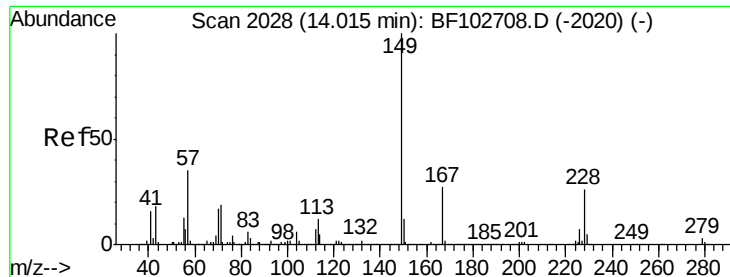
Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	228	Resp:	706641
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.571 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

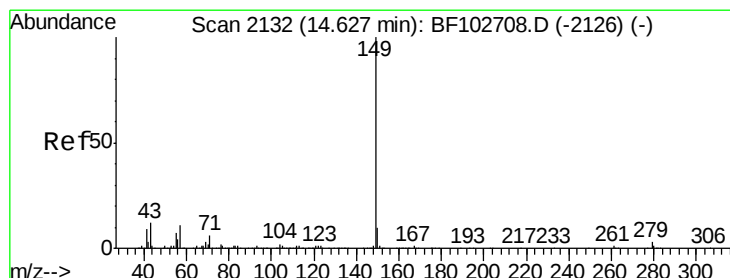
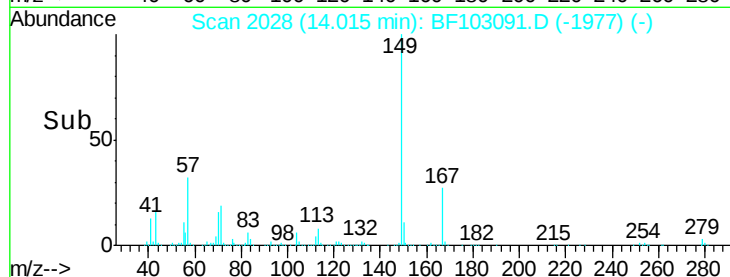
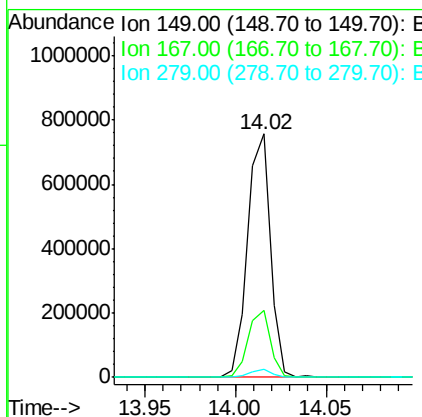
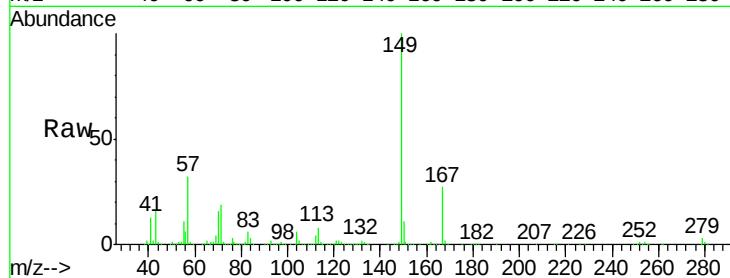
ClientSampleId :

PB106657BS

Tgt Ion:	149	Resp:	664997
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.3	31.9
279	3.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 55.183 ng

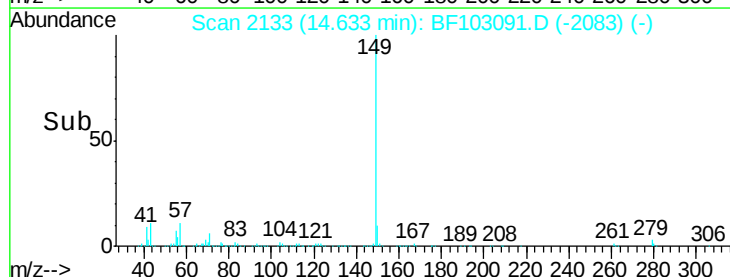
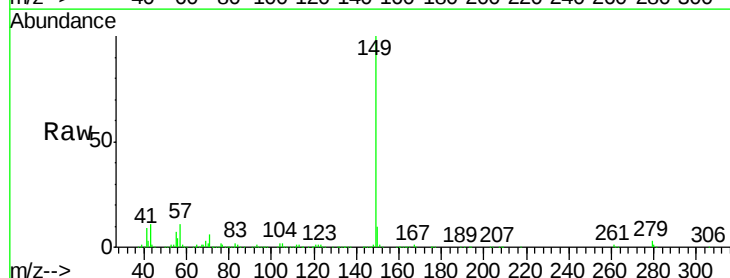
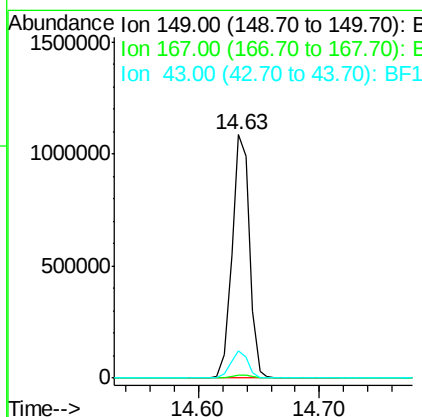
RT: 14.63 min Scan# 2133

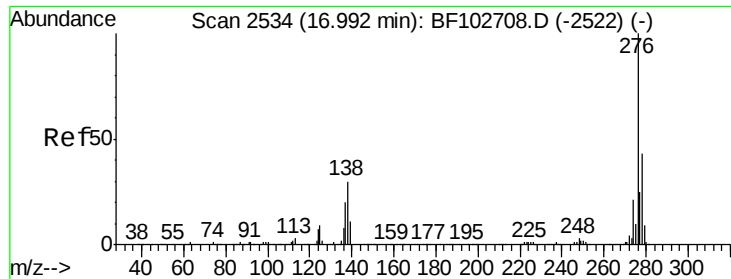
Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Tgt Ion:	149	Resp:	1089556
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.7	8.4	12.6





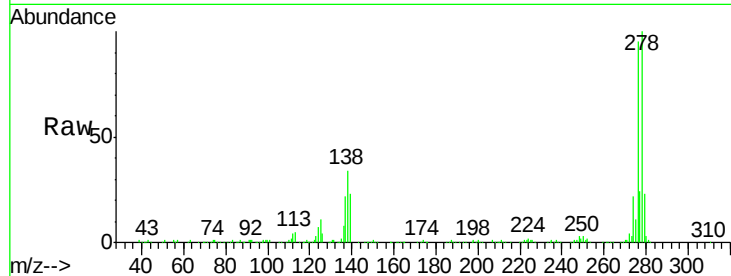
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.487 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

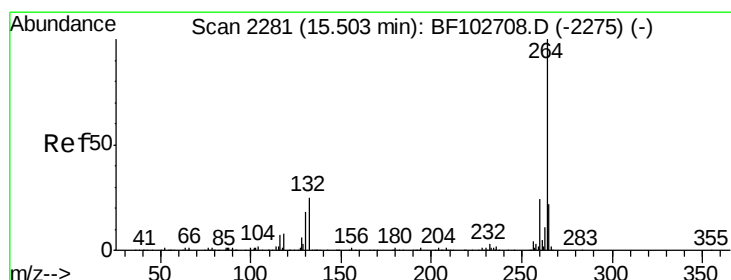
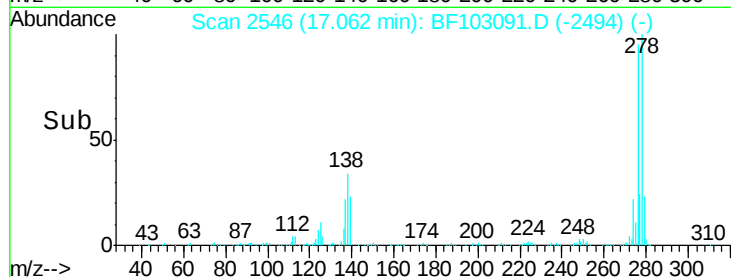
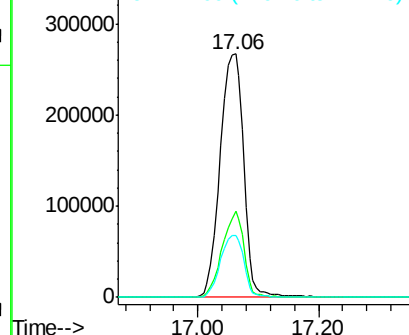
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	25.5	20.1	30.1

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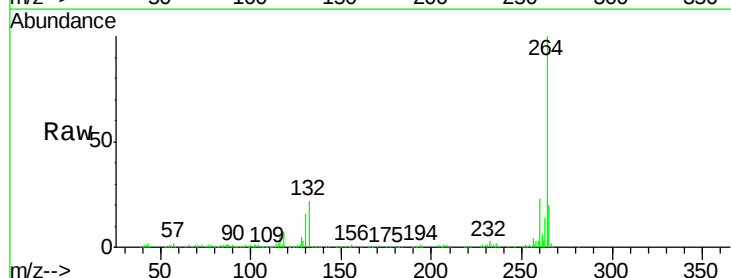


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

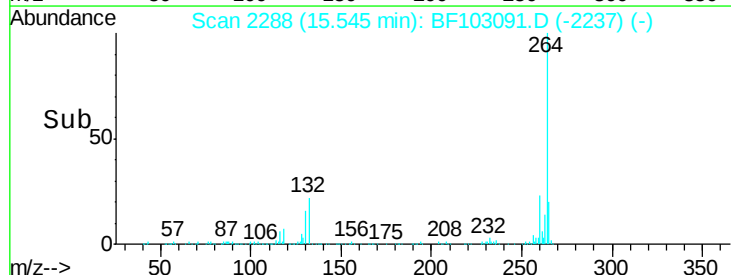
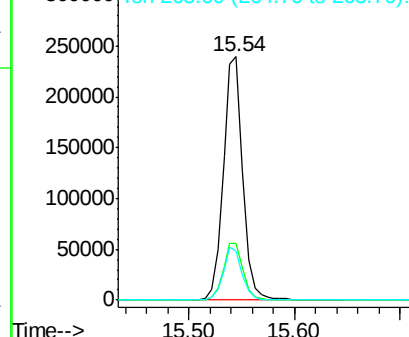


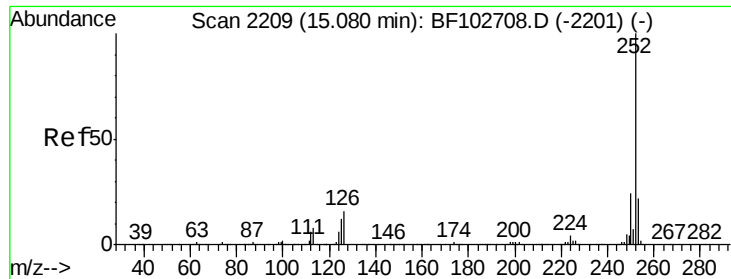
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





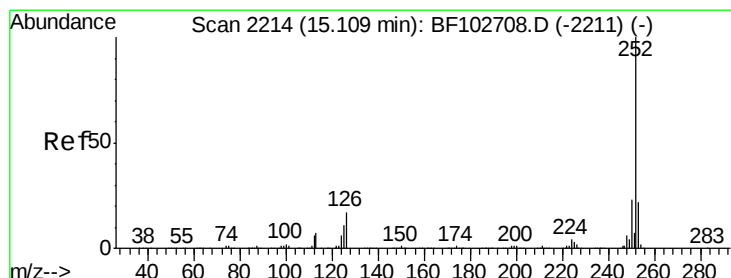
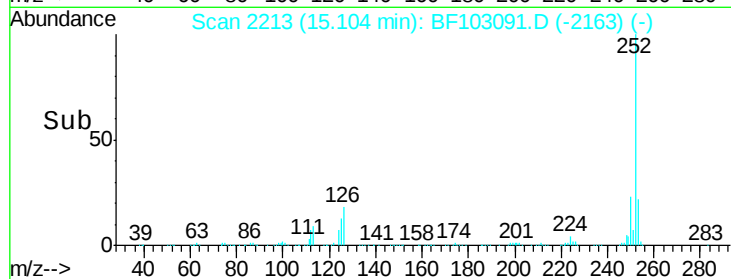
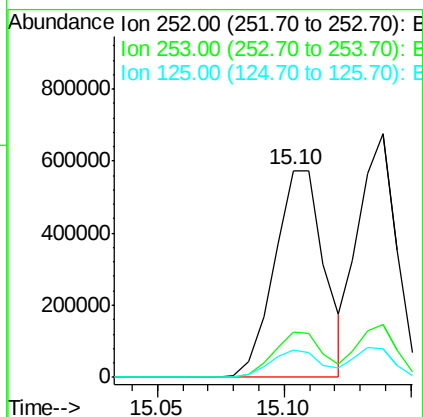
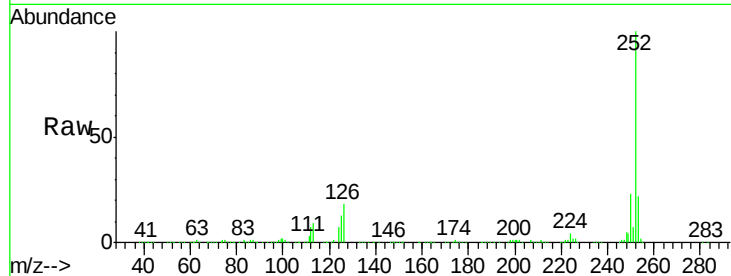
#87
Benzo(b)fluoranthene
Concen: 39.391 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.2	9.0	13.6

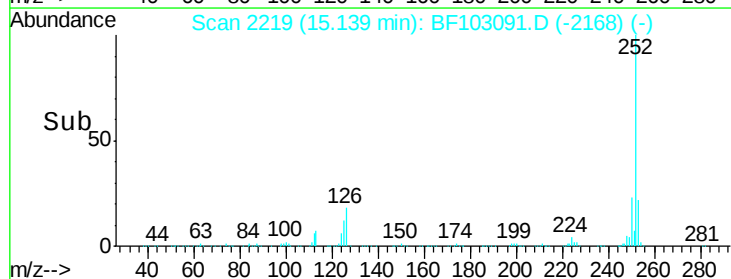
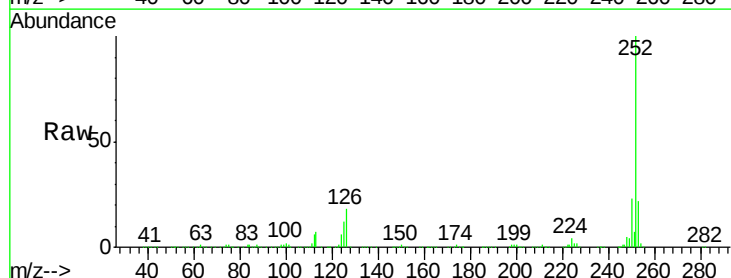
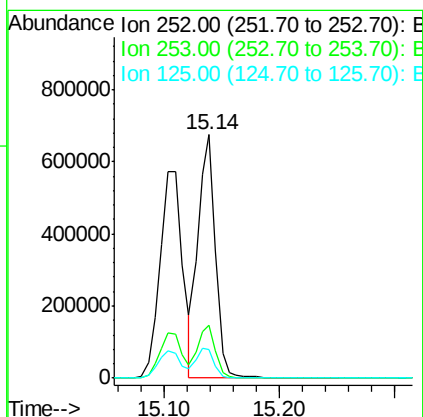
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#88
Benzo(k)fluoranthene
Concen: 37.839 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.8	10.2	15.2





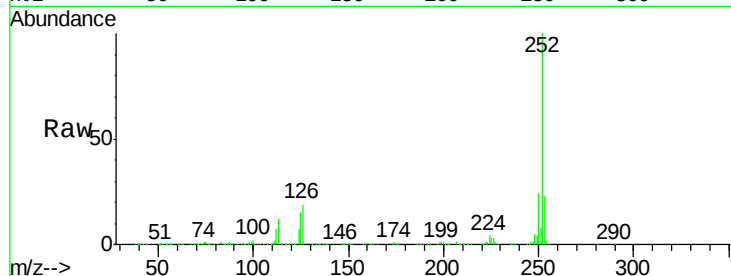
#89
Benzo(a)pyrene
Concen: 41.929 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
PB106657BS

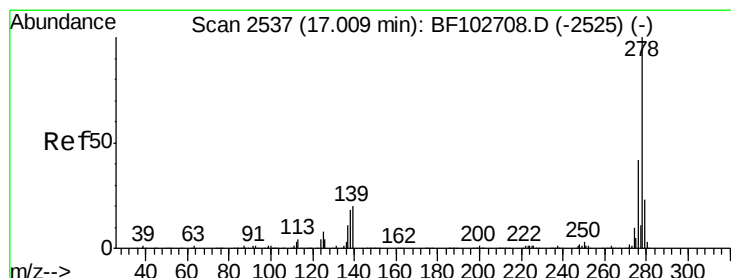
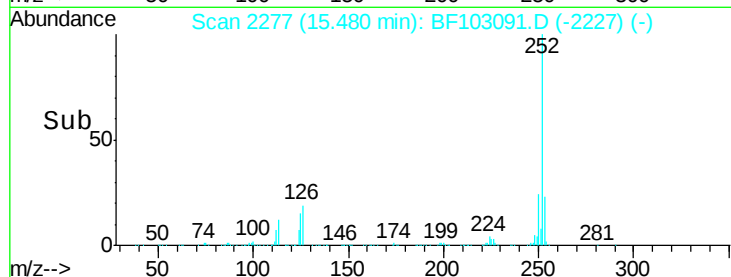
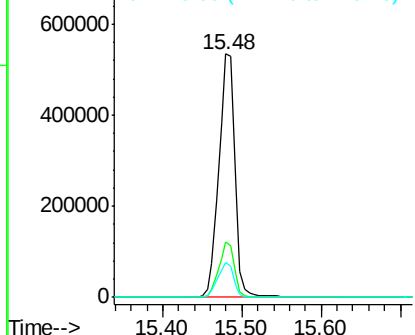
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	14.6	9.8	14.6

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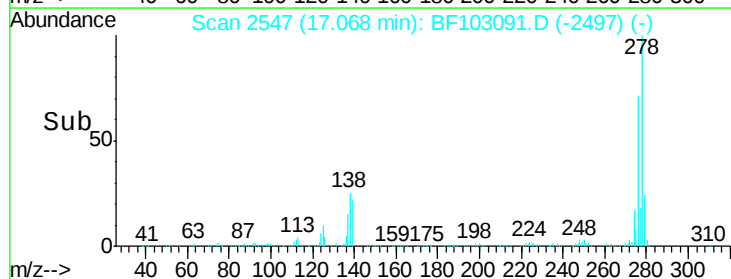
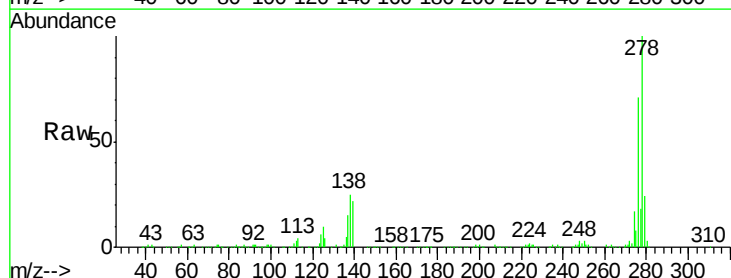
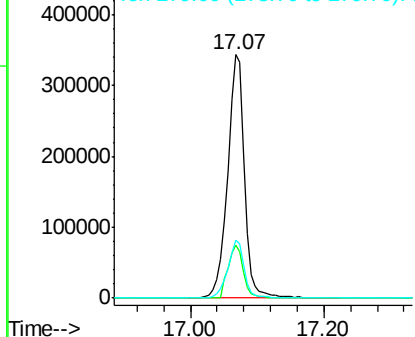
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

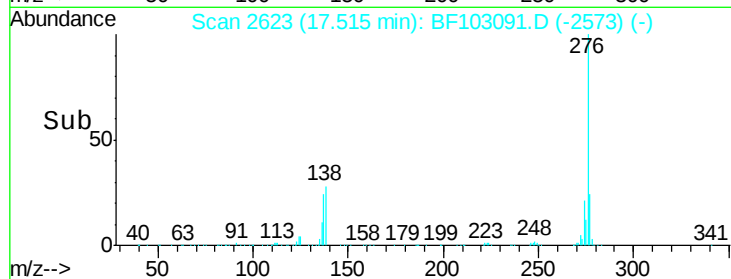
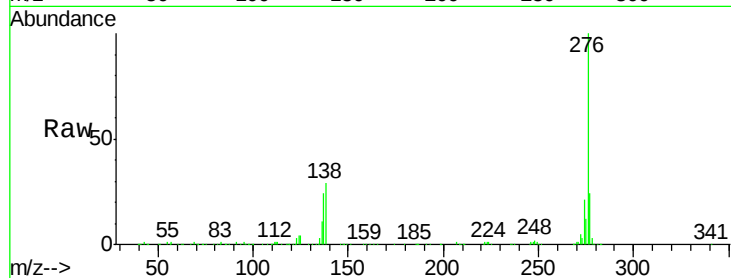
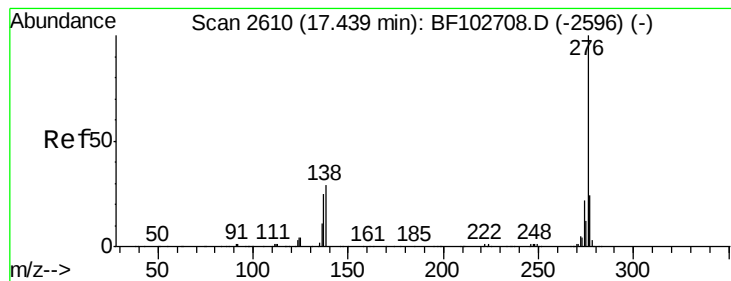


#90
Dibenzo(a,h)anthracene
Concen: 42.242 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF103091.D
Acq: 19 Feb 2018 19:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.1	19.0	28.4

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





#91

Benzo(g,h,i)perylene

Concen: 40.922 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF103091.D

Acq: 19 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

PB106657BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		582382		
277	24.1	17.9	26.9		
138	28.5	21.8	32.8		

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