

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107468.D
 Acq On : 18 Jul 2018 11:07
 Operator : JU/SJ
 Sample : PB111134BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:49:14 AM

Quant Time: Jul 18 13:15:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	118852	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	511187	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	291238	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	622222	20.00	ng	0.00
75) Chrysene-d12	14.18	240	449562	20.00	ng	0.00
86) Perylene-d12	15.71	264	339347	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	382509	48.88	ng	0.00
7) Phenol-d6	6.61	99	487920	48.22	ng	0.00
23) Nitrobenzene-d5	7.55	82	358144	37.36	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	132660	51.84	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	656686	30.67	ng	0.00
78) Terphenyl-d14	13.11	244	824408	45.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.94	88	124306	32.174	ng	93
3) Pyridine	3.70	79	352722	33.849	ng	# 91
4) n-Nitrosodimethylamine	3.67	42	190354	44.486	ng	86
6) Aniline	6.65	93	368172	27.527	ng	# 90
8) 2-Chlorophenol	6.77	128	341919	43.204	ng	92
9) Benzaldehyde	6.54	77	210729	25.891	ng	86
10) Phenol	6.62	94	448640	41.360	ng	# 69
11) bis(2-Chloroethyl)ether	6.72	93	347034	39.204	ng	97
12) 1,3-Dichlorobenzene	6.92	146	366081	38.100	ng	# 86
13) 1,4-Dichlorobenzene	7.00	146	377091	39.591	ng	# 91
14) 1,2-Dichlorobenzene	7.15	146	358651	40.244	ng	# 90
15) Benzyl Alcohol	7.12	79	430833	42.401	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.25	45	378674	40.088	ng	80
17) 2-Methylphenol	7.23	107	318862	42.376	ng	# 85
18) Hexachloroethane	7.50	117	156083	44.042	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	288052	39.763	ng	# 94
20) 3+4-Methylphenols	7.38	107	365293	38.216	ng	# 65
22) Acetophenone	7.40	105	503561	35.853	ng	# 89
24) Nitrobenzene	7.57	77	454297	42.169	ng	91
25) Isophorone	7.81	82	783074	41.211	ng	# 94
26) 2-Nitrophenol	7.88	139	195257	53.318	ng	# 66
27) 2,4-Dimethylphenol	7.91	122	325300	42.597	ng	# 73
28) bis(2-Chloroethoxy)methane	8.01	93	458529	38.532	ng	98
29) 2,4-Dichlorophenol	8.12	162	324559	40.841	ng	90
30) 1,2,4-Trichlorobenzene	8.21	180	356972	37.095	ng	97
31) Naphthalene	8.29	128	986327	39.723	ng	96
32) Benzoic acid	8.03	122	204913	43.721	ng	# 83
33) 4-Chloroaniline	8.34	127	221890	20.634	ng	# 89
34) Hexachlorobutadiene	8.40	225	243351	37.792	ng	99
35) Caprolactam	8.72	113	120576m	46.643	ng	
36) 4-Chloro-3-methylphenol	8.82	107	415162	39.982	ng	85
37) 2-Methylnaphthalene	8.98	142	708786	43.306	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	416307	36.733	ng	99
40) Hexachlorocyclopentadiene	9.13	237	488403	82.509	ng	93

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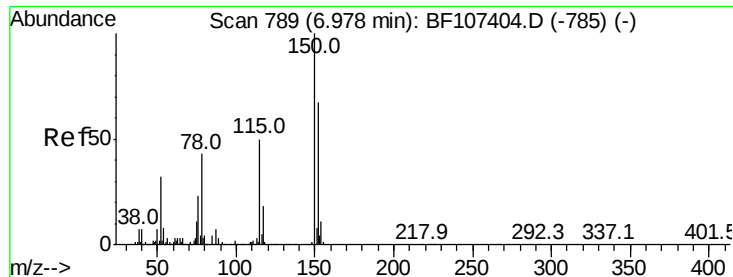
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	270649	38.257	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	286850	42.384	nq	94
45) 1,1'-Biphenyl	9.45	154	893615	35.488	nq	95
46) 2-Chloronaphthalene	9.48	162	720086	36.207	nq	96
47) 2-Nitroaniline	9.57	65	289169	47.512	nq #	76
48) Acenaphthylene	9.90	152	1096242	39.498	nq	96
49) Dimethylphthalate	9.75	163	922094	39.849	nq	97
50) 2,6-Dinitrotoluene	9.81	165	201251	45.577	nq #	63
51) Acenaphthene	10.07	154	670129	36.422	nq	96
52) 3-Nitroaniline	9.98	138	107809	23.245	nq #	72
53) 2,4-Dinitrophenol	10.10	184	218562	92.827	nq #	27
54) Dibenzofuran	10.24	168	1029753	36.218	nq	94
55) 4-Nitrophenol	10.15	139	285088	75.963	nq #	45
56) 2,4-Dinitrotoluene	10.22	165	279836	48.621	nq #	72
57) Fluorene	10.58	166	766979	40.730	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	251398	38.348	nq #	89
59) Diethylphthalate	10.45	149	924044	41.104	nq	95
60) 4-Chlorophenyl-phenylether	10.57	204	427750	38.136	nq	100
61) 4-Nitroaniline	10.61	138	189389	42.908	nq #	53
62) Azobenzene	10.73	77	990536	37.521	nq	88
64) 4,6-Dinitro-2-methylphenol	10.63	198	167174	49.802	nq	83
65) n-Nitrosodiphenylamine	10.69	169	745509	37.936	nq	96
66) 4-Bromophenyl-phenylether	11.07	248	266431	37.426	nq	96
67) Hexachlorobenzene	11.13	284	253036	38.399	nq #	91
68) Atrazine	11.22	200	292935	39.446	nq	96
69) Pentachlorophenol	11.32	266	278346	57.159	nq	97
70) Phenanthrene	11.55	178	1231761	39.723	nq	97
71) Anthracene	11.61	178	1280106	41.447	nq	99
72) Carbazole	11.76	167	1055427	36.095	nq	96
73) Di-n-butylphthalate	12.07	149	1402755	41.744	nq #	98
74) Fluoranthene	12.74	202	1392111	39.499	nq	96
76) Benzidine	12.86	184	520231	29.817	nq #	94
77) Pyrene	12.98	202	1367639	44.736	nq	97
79) Butylbenzylphthalate	13.58	149	587662	52.773	nq #	91
80) Benzo(a)anthracene	14.17	228	1138780	41.400	nq	97
81) 3,3'-Dichlorobenzidine	14.12	252	226938	24.600	nq #	98
82) Chrysene	14.21	228	1085067	41.295	nq	98
83) Bis(2-ethylhexyl)phthalate	14.14	149	764810	47.928	nq	95
84) Di-n-octyl phthalate	14.75	149	1180884	47.605	nq	99
85) Indeno(1,2,3-cd)pyrene	17.30	276	810791	43.350	nq #	89
87) Benzo(b)fluoranthene	15.25	252	890981	44.857	nq #	94
88) Benzo(k)fluoranthene	15.29	252	775293	39.996	nq #	93
89) Benzo(a)pyrene	15.65	252	783647	42.985	nq #	95
90) Dibenzo(a,h)anthracene	17.32	278	657683	47.801	nq #	90
91) Benzo(g,h,i)perylene	17.78	276	687788	49.196	nq #	87

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



#1

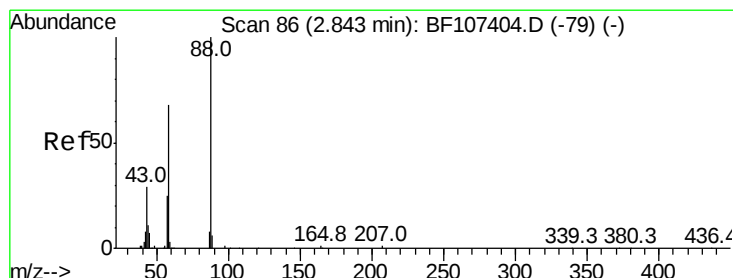
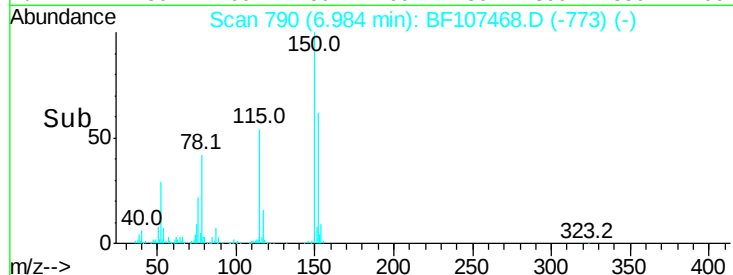
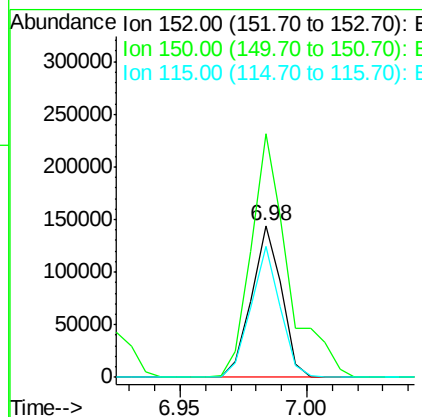
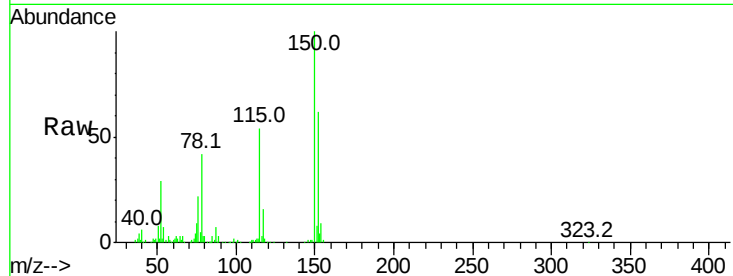
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	86.3	50.1	75.1#

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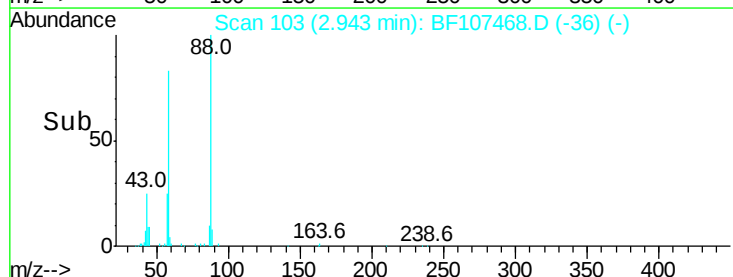
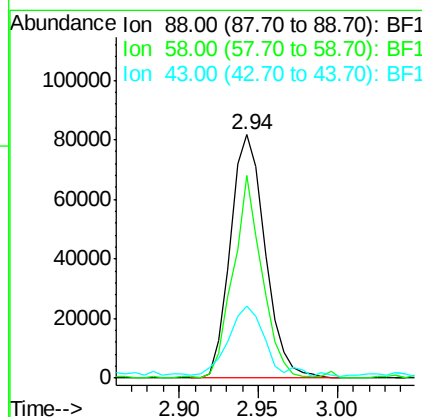
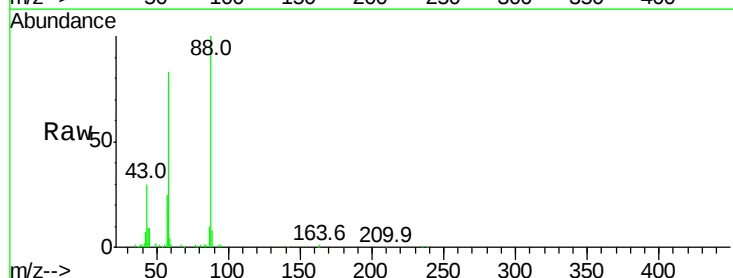
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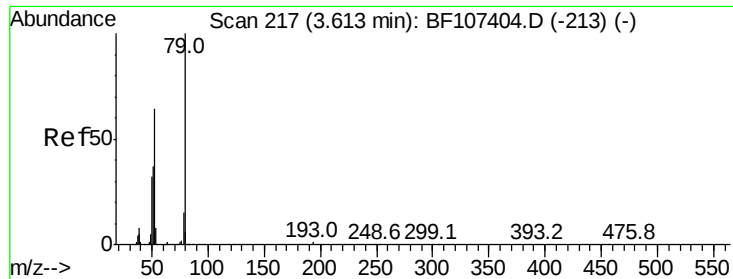


#2

1,4-Dioxane
Concen: 32.174 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.09 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	62.6	93.8
43	30.4	24.6	37.0





#3

Pvridine

Concen: 33.849 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

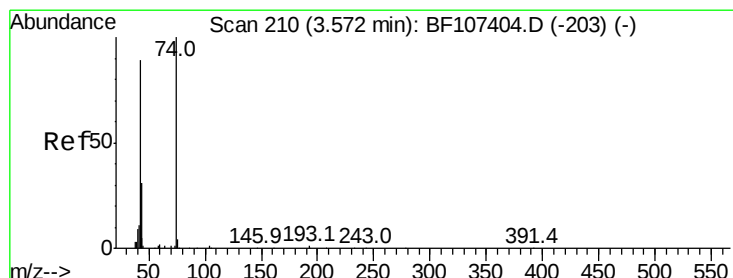
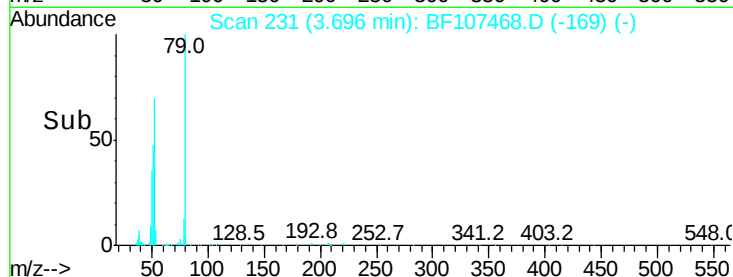
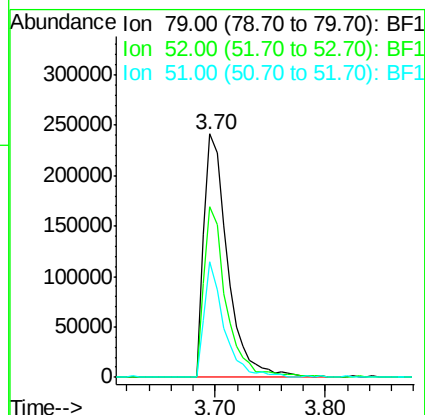
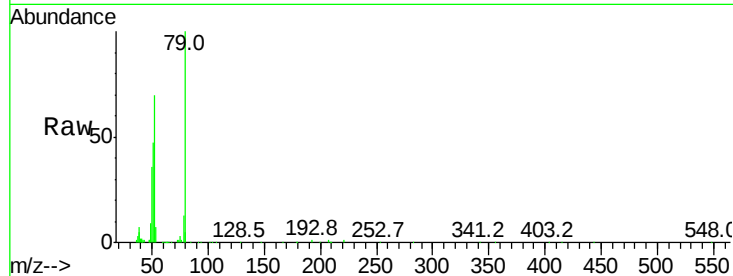
ClientSampleId :

PB111134BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	70.0	59.8	89.6	
51	47.3	29.8	44.8	

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#4

n-Nitrosodimethylamine

Concen: 44.486 ng

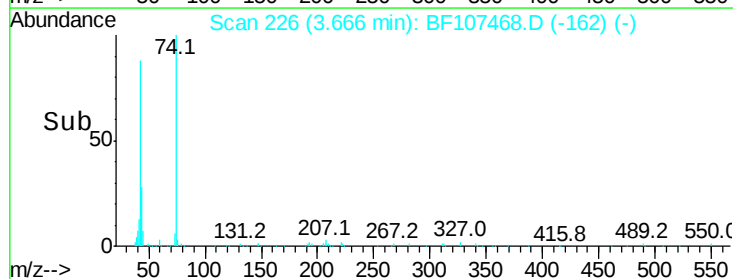
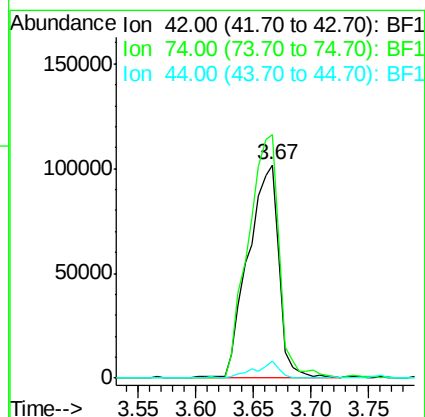
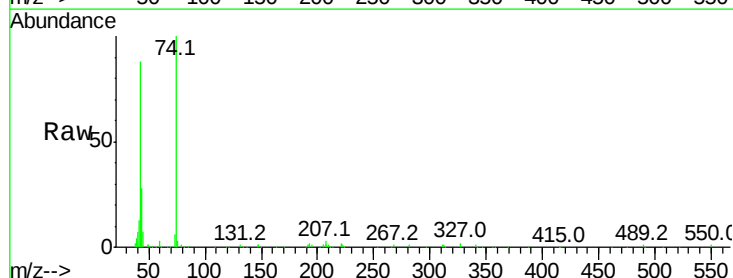
RT: 3.67 min Scan# 226

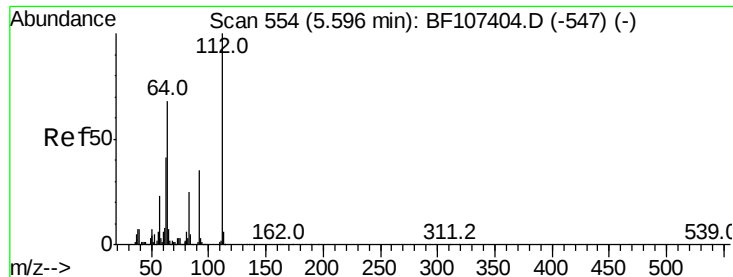
Delta R.T. 0.08 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	114.0	104.9	157.3	
44	7.8	6.9	10.3	





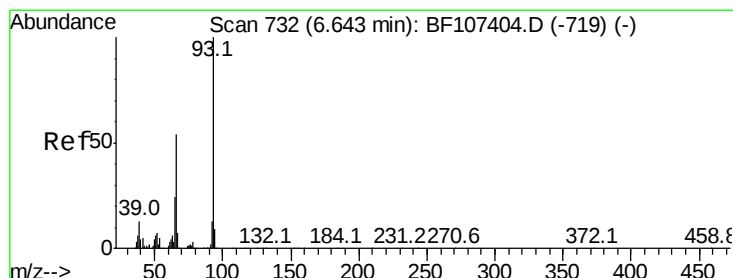
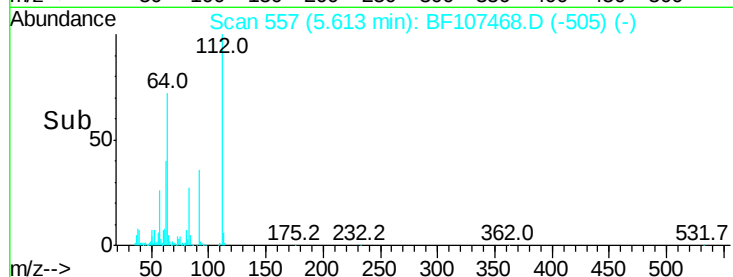
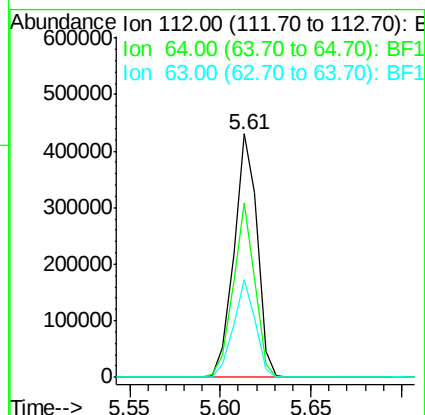
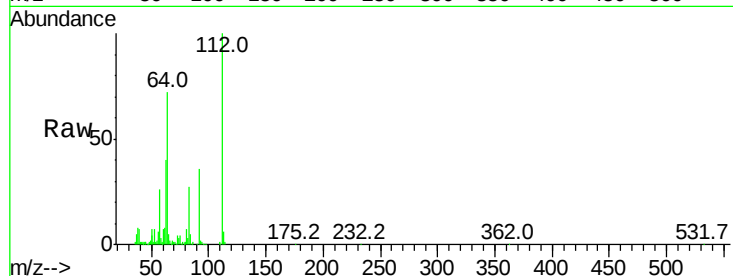
#5
2-Fluorophenol
Concen: 48.879 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	71.5	47.9	71.9
63	40.4	23.7	35.5

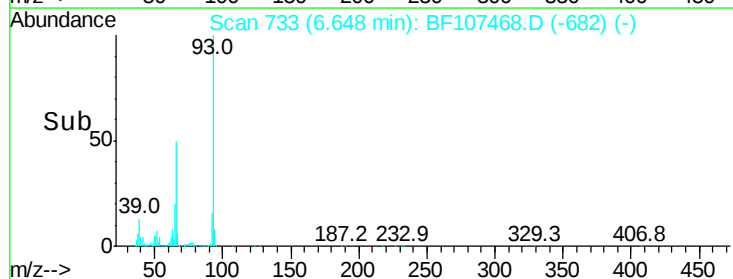
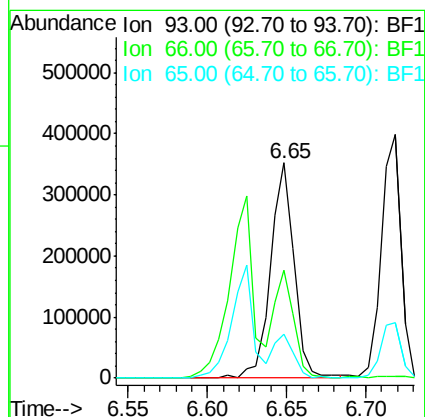
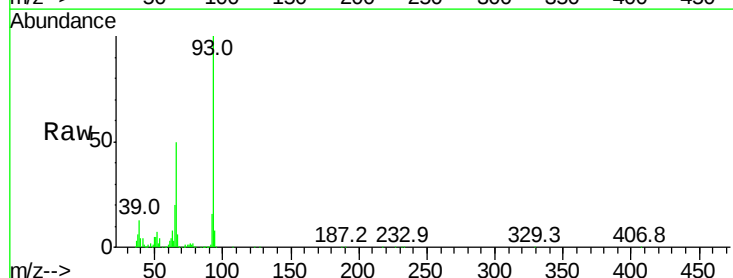
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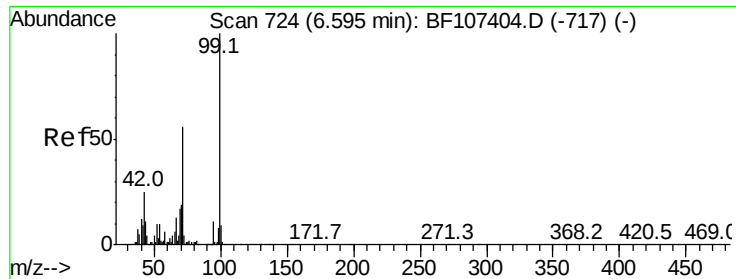
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#6
Aniline
Concen: 27.527 ng
RT: 6.65 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	49.9	32.2	48.2
65	20.4	16.4	24.6





#7

Phenol-d6

Concen: 48.224 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion: 99 Resp: 487920

Ion Ratio Lower Upper

99 100

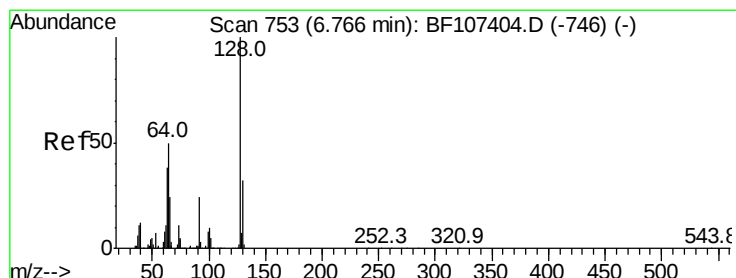
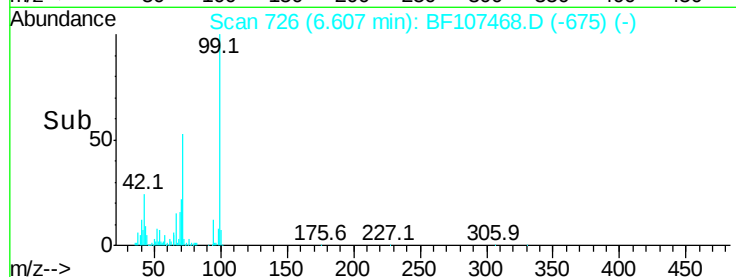
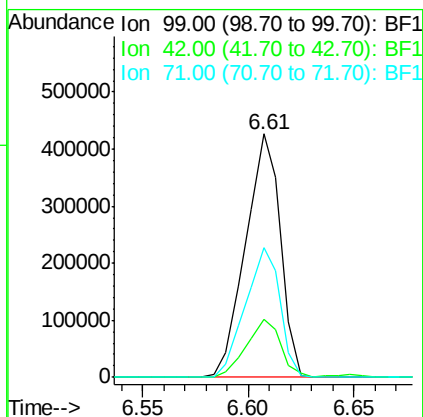
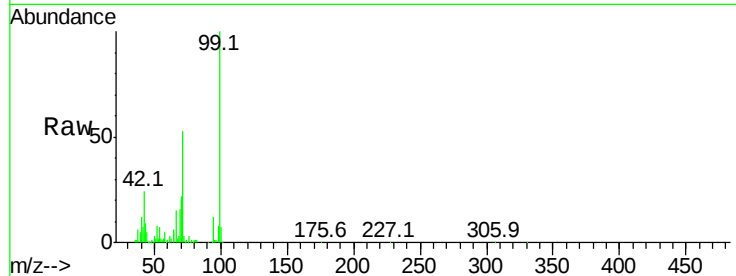
42 23.6 14.5 21.7#

71 53.4 25.4 38.0#

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#8

2-Chlorophenol

Concen: 43.204 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

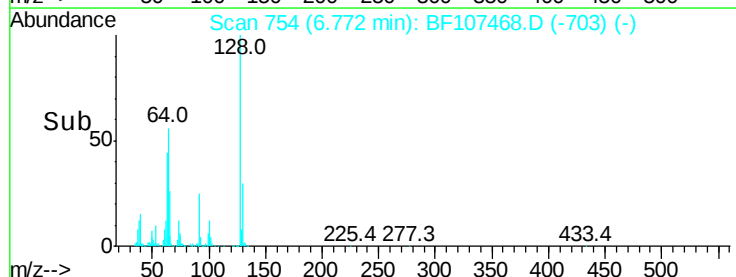
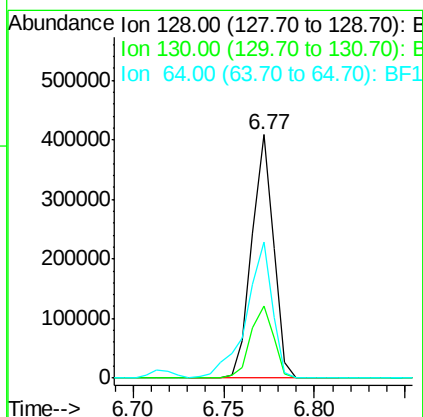
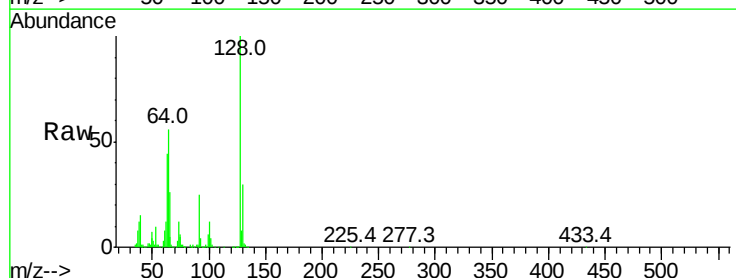
Tgt Ion: 128 Resp: 341919

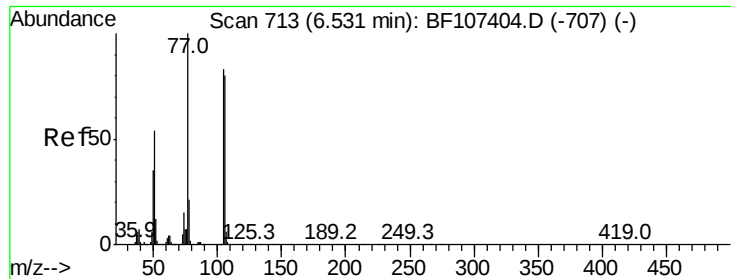
Ion Ratio Lower Upper

128 100

130 29.9 13.0 53.0

64 56.1 29.4 69.4





#9

Benzaldehyde

Concen: 25.891 ng

RT: 6.54 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

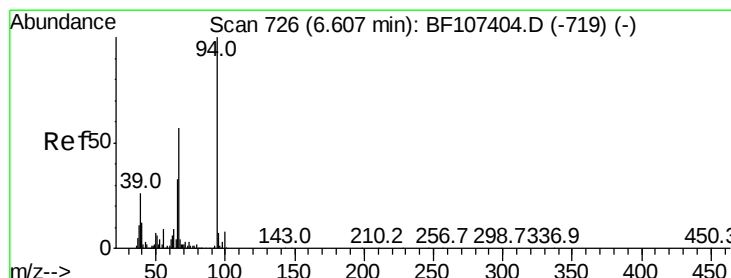
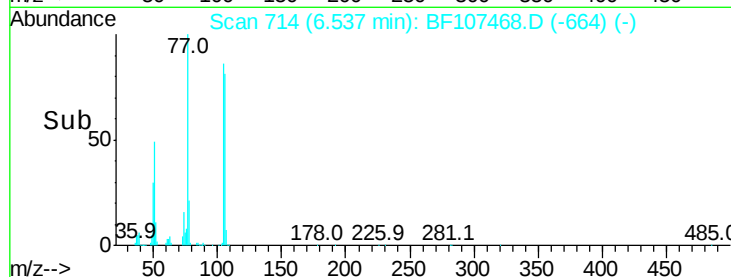
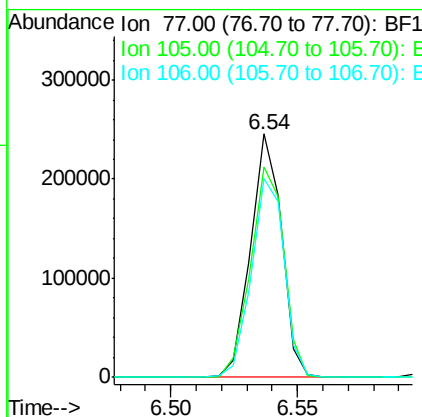
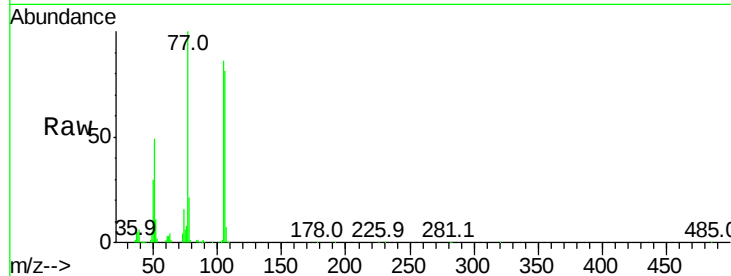
ClientSampleId :

PB111134BS

Tot Ion:	77	Resp:	210729
Ion Ratio	Lower	Upper	
77	100		
105	86.3	81.1	121.1
106	81.4	74.5	114.5

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#10

Phenol

Concen: 41.360 ng

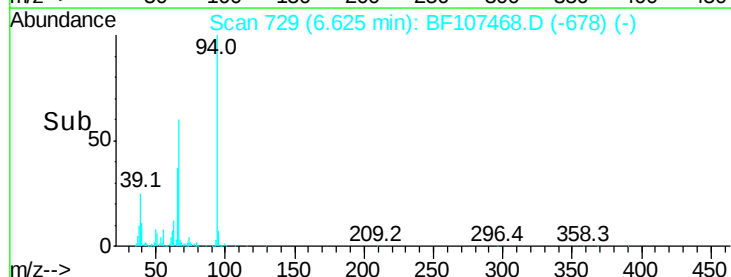
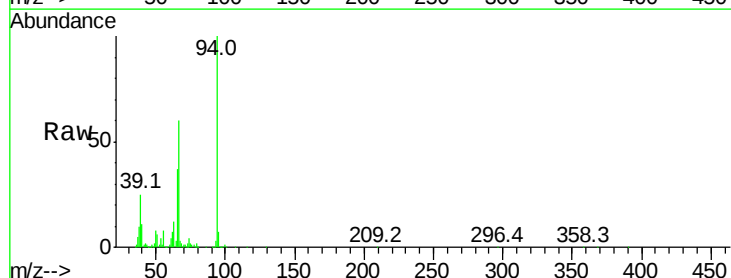
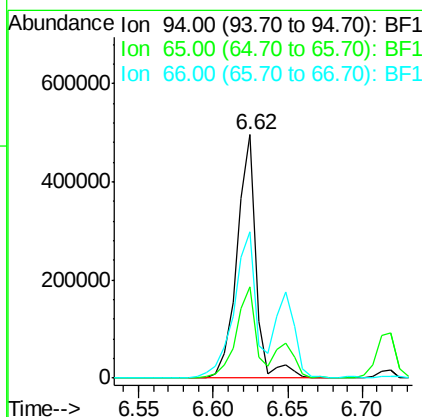
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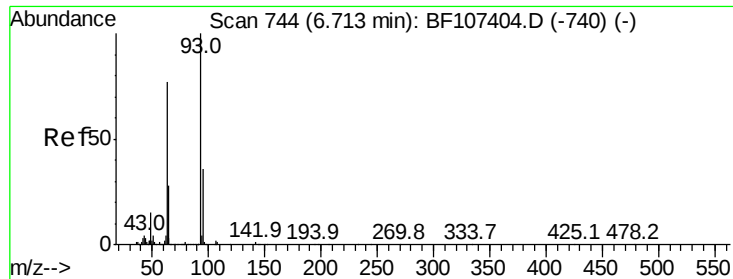
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion:	94	Resp:	448640
Ion Ratio	Lower	Upper	
94	100		
65	37.3	7.9	47.9
66	60.0	16.2	56.2





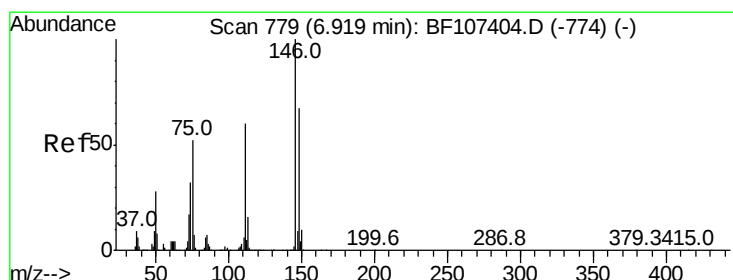
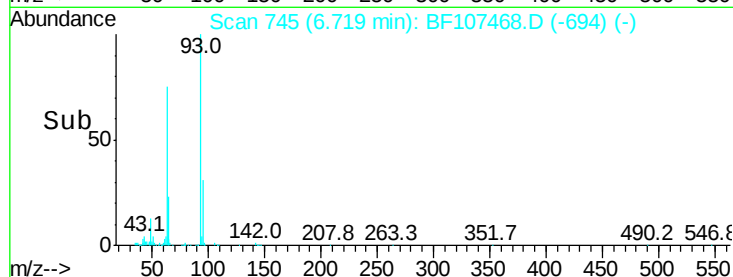
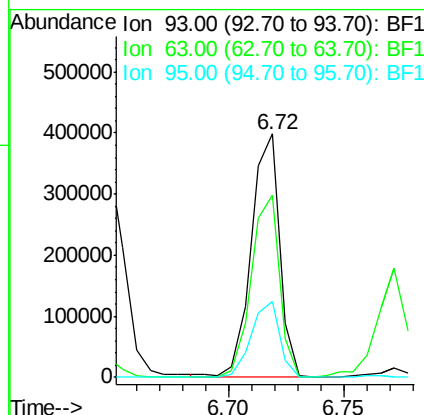
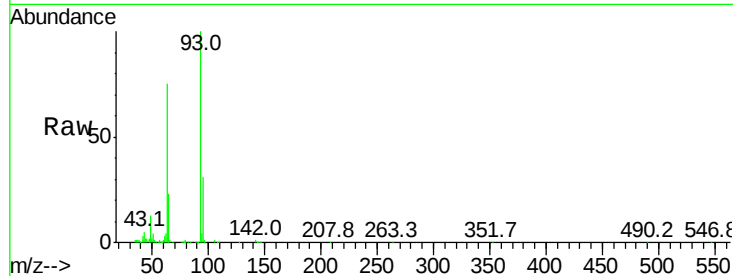
#11
bis(2-Chloroethyl)ether
Concen: 39.204 ng
RT: 6.72 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	58.6	98.6
95	31.4	11.8	51.8

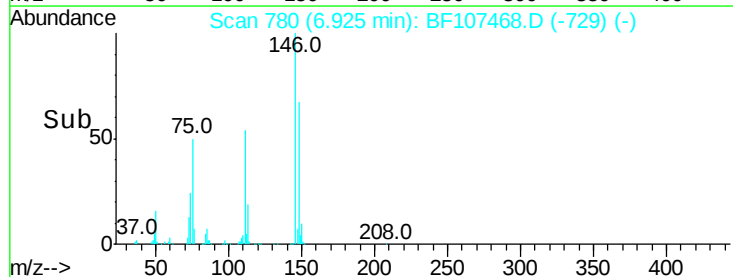
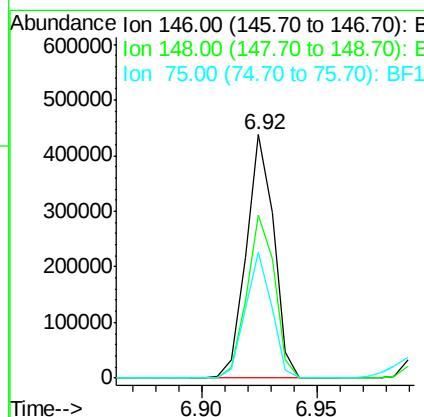
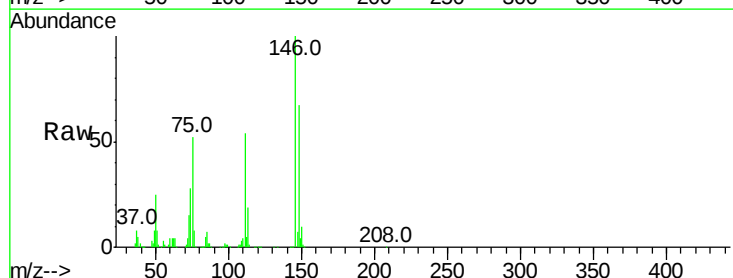
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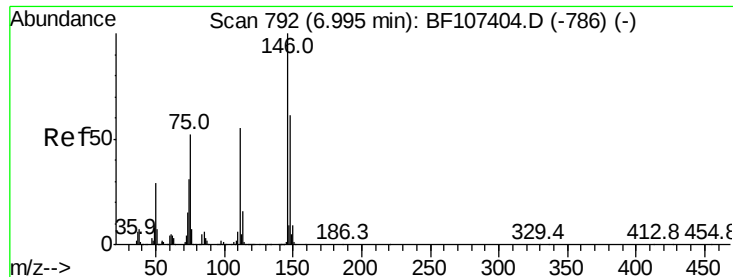
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.100 ng
RT: 6.92 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.8	77.8
75	51.5	24.2	36.4#





#13

1,4-Dichlorobenzene

Concen: 39.591 ng

RT: 7.00 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

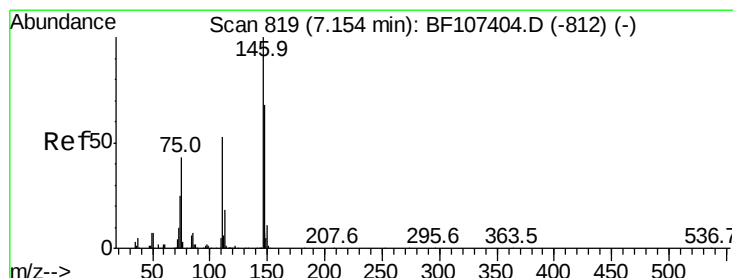
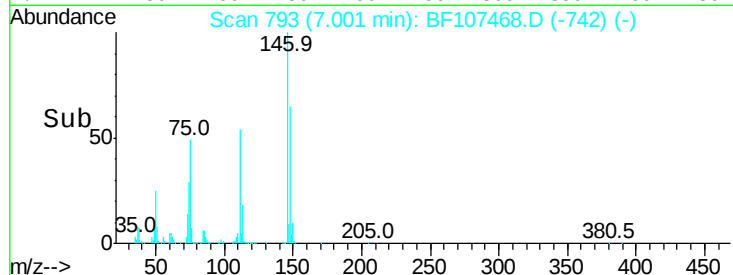
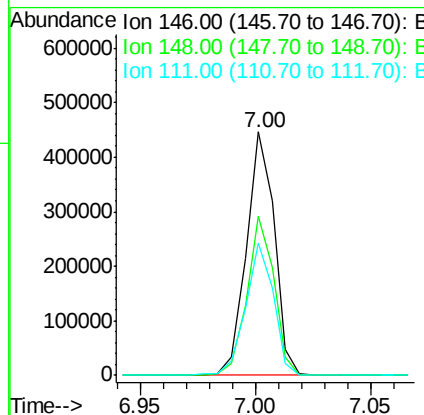
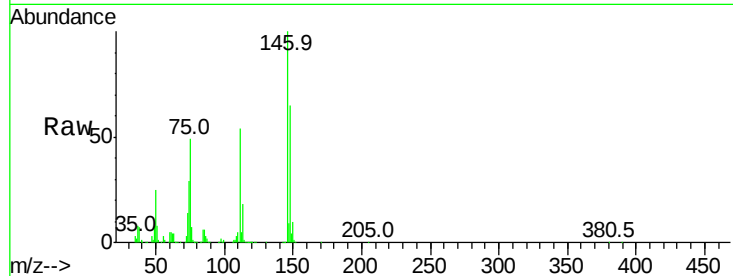
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	54.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.244 ng

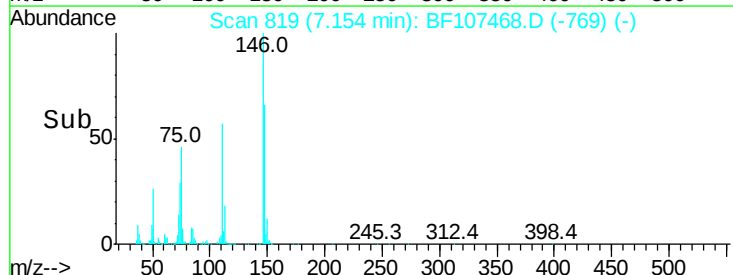
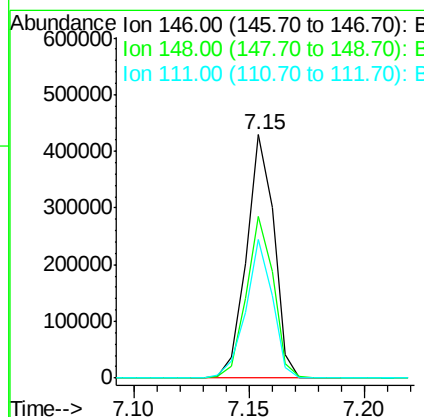
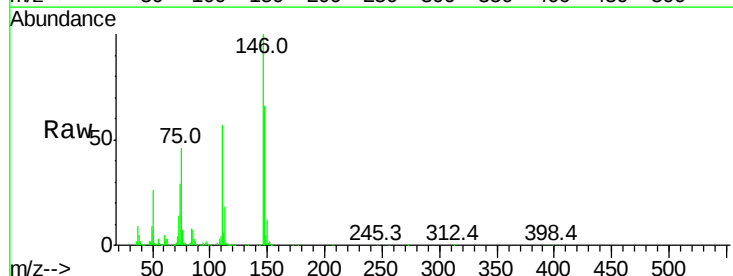
RT: 7.15 min Scan# 819

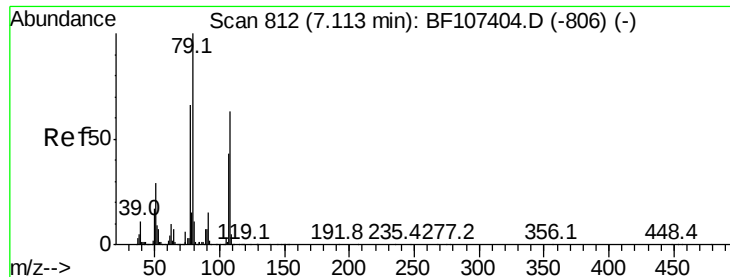
Delta R.T. -0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.6	75.8
111	57.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.401 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

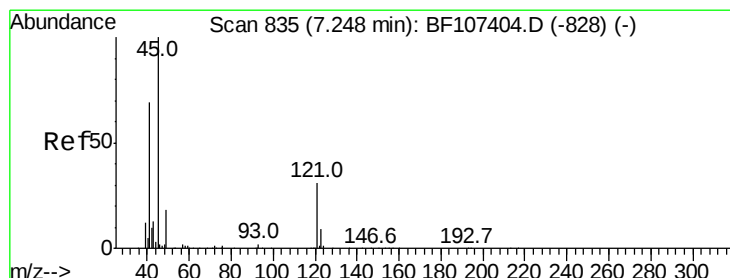
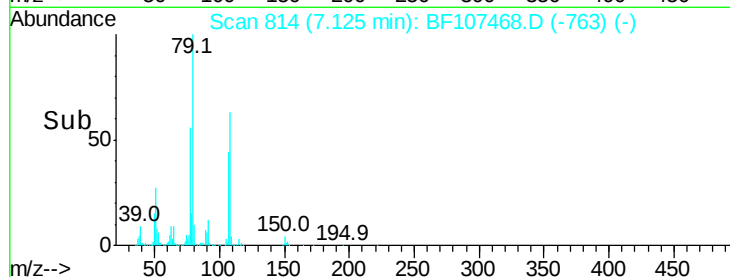
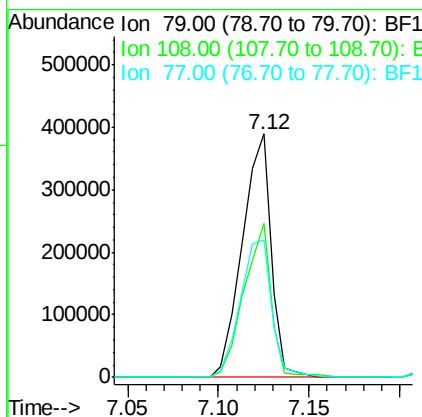
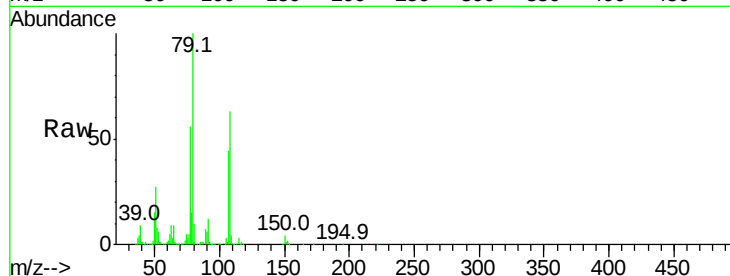
ClientSampled :

PB111134BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.1	65.1	97.7#
77	56.3	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.088 ng

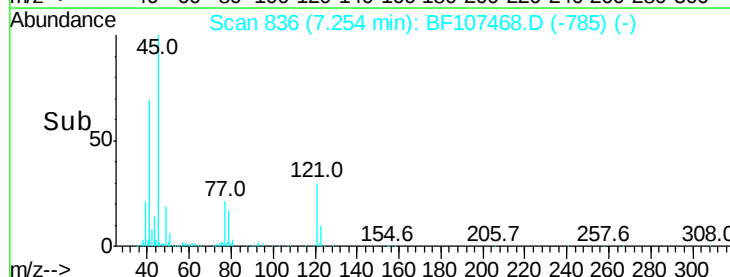
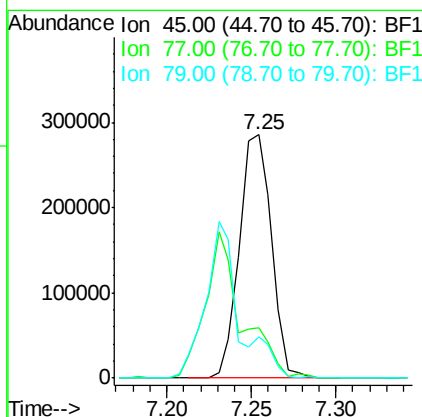
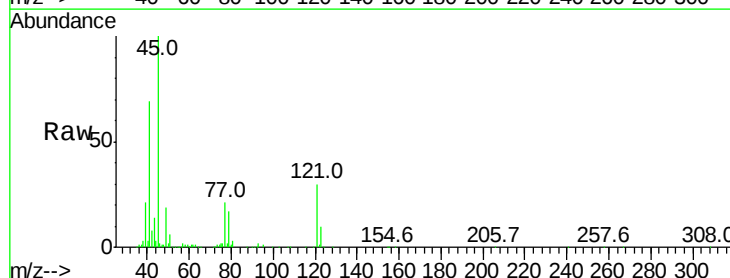
RT: 7.25 min Scan# 836

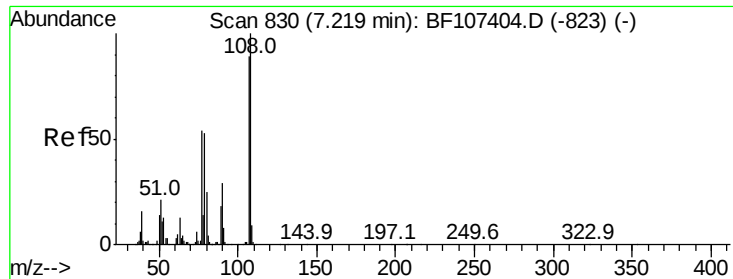
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.0	32.9
79	17.1	0.0	29.6





#17

2-Methylphenol

Concen: 42.376 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

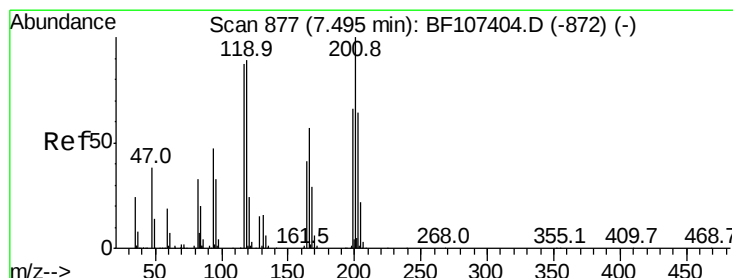
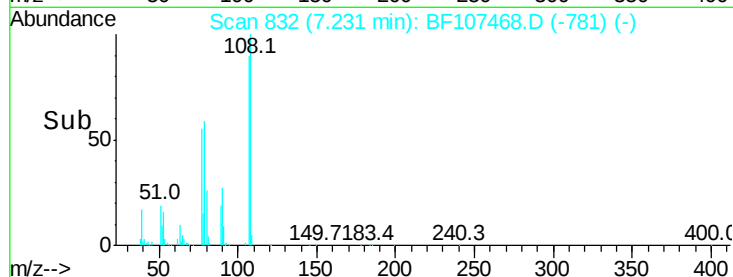
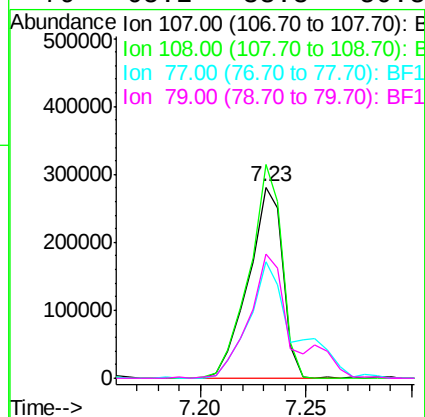
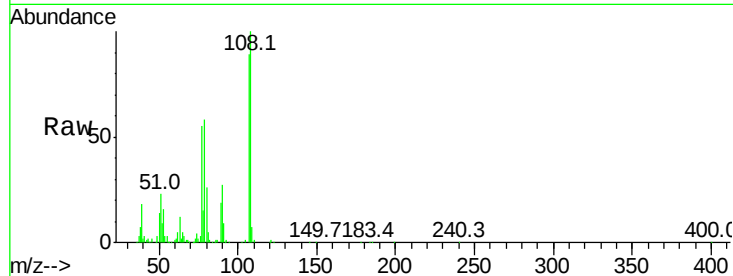
ClientSampleId :

PB111134BS

Tot Ion:	107	Resp:	318862
Ion Ratio	Lower	Upper	
107	100		
108	112.0	91.7	137.5
77	61.2	33.8	50.8#
79	65.2	33.8	50.8#

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#18

Hexachloroethane

Concen: 44.042 ng

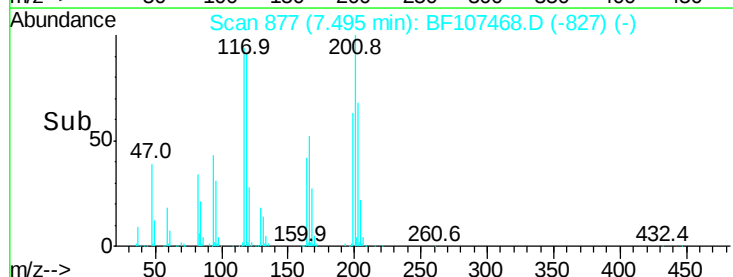
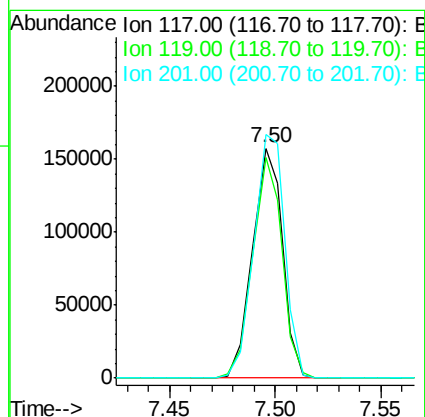
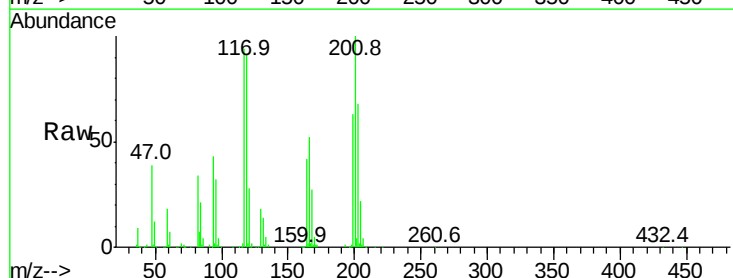
RT: 7.50 min Scan# 877

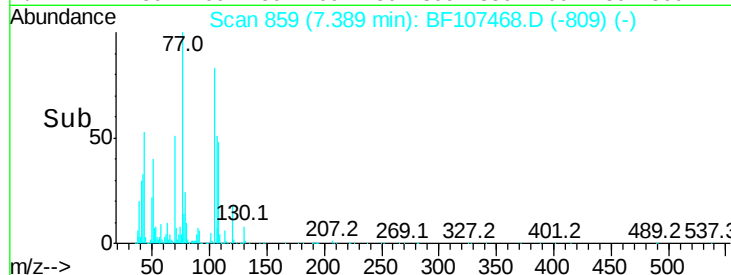
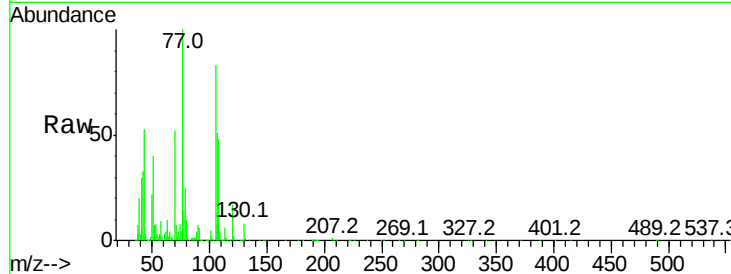
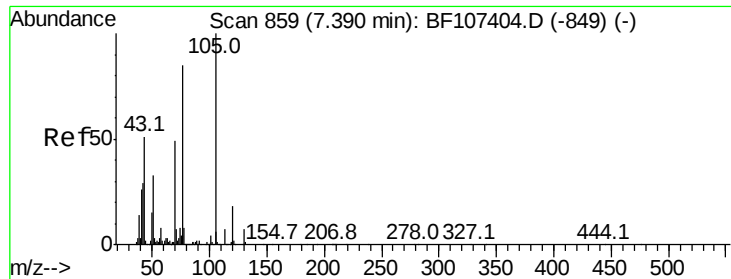
Delta R.T. -0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion:	117	Resp:	156083
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.8	113.8
201	105.9	75.7	113.5





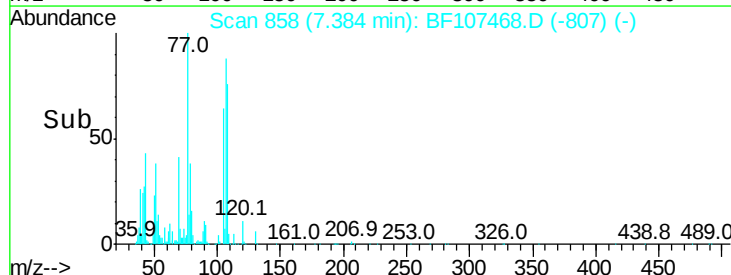
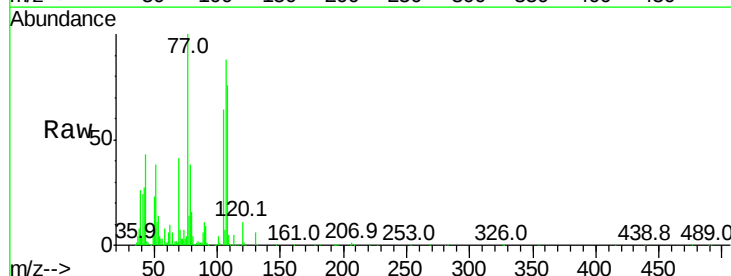
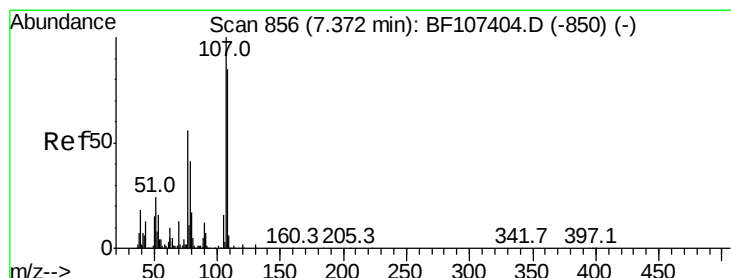
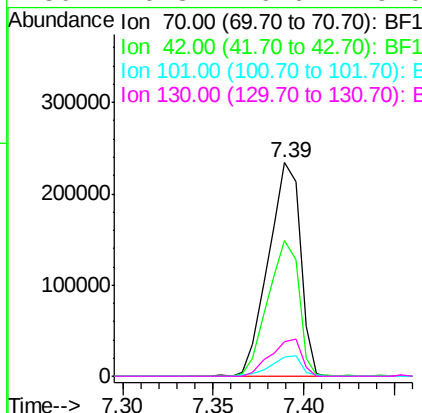
#19
n-Nitroso-di-n-propylamine
Concen: 39.763 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.5	71.3
101	8.9	7.4	11.2
130	16.3	16.6	25.0#

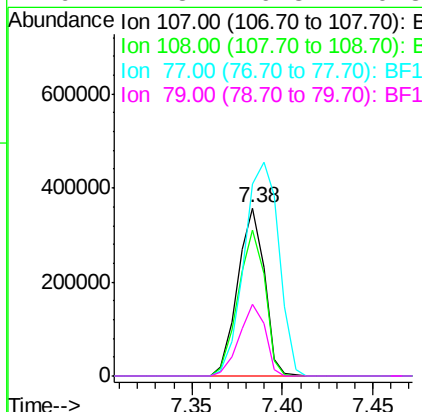
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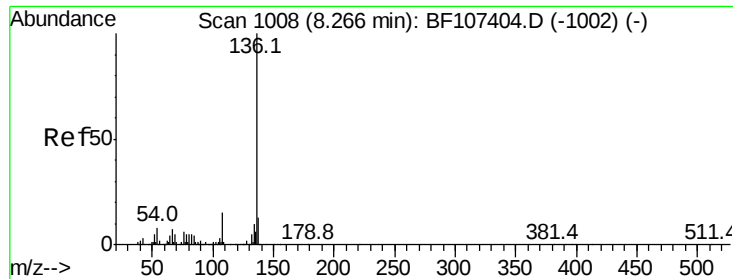
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#20
3+4-Methylphenols
Concen: 38.216 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	113.9	26.7	66.7#
79	42.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

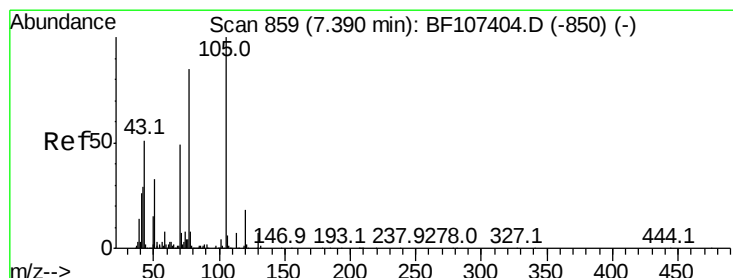
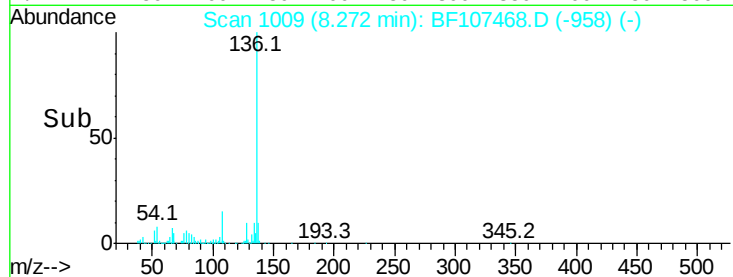
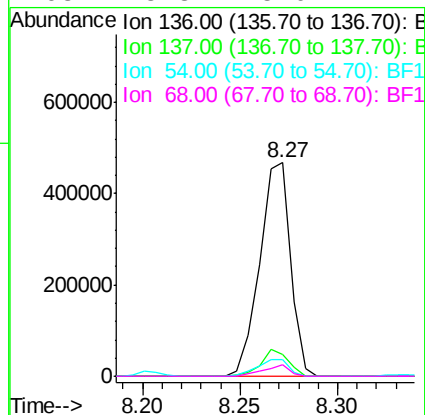
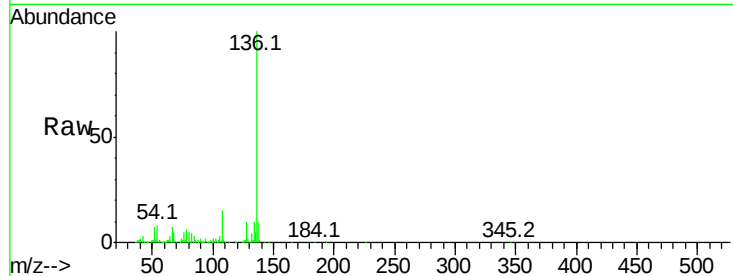
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.9	13.3	
54	7.9	6.6	9.8	
68	5.3	5.0	7.4	

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#22

Acetophenone

Concen: 35.853 ng

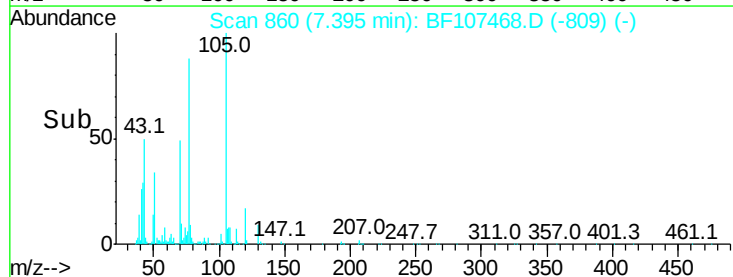
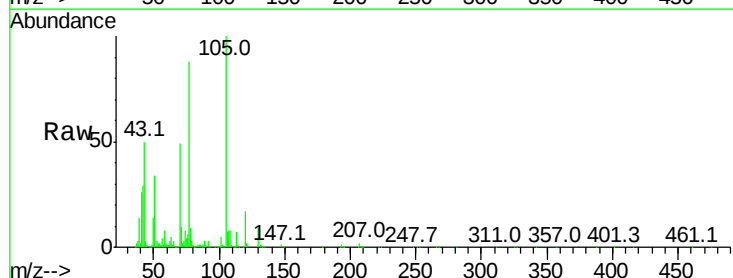
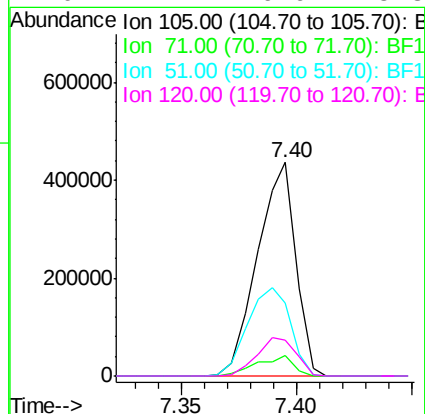
RT: 7.40 min Scan# 860

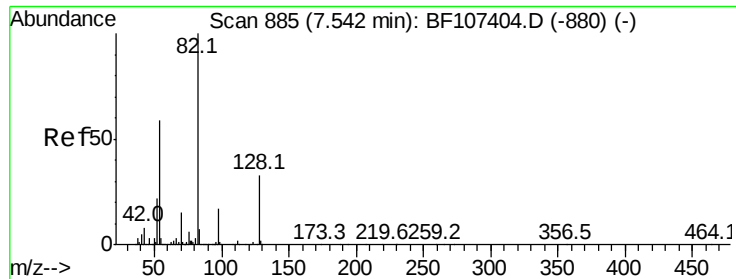
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.7	4.4	6.6#	
51	34.1	22.3	33.5#	
120	17.1	16.9	25.3	





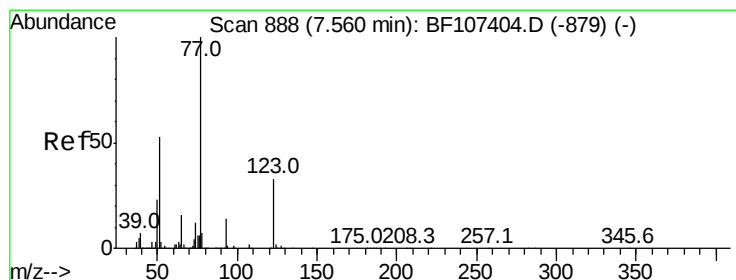
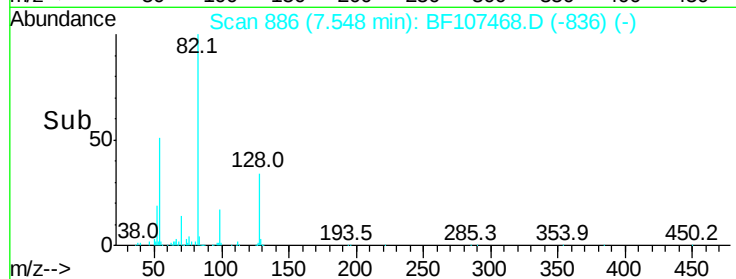
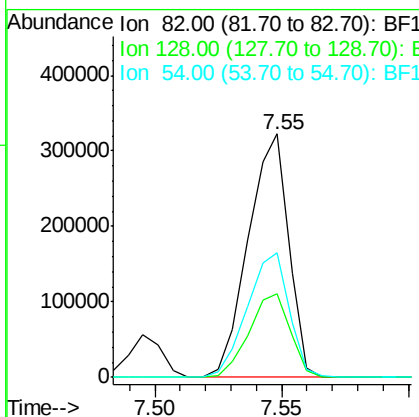
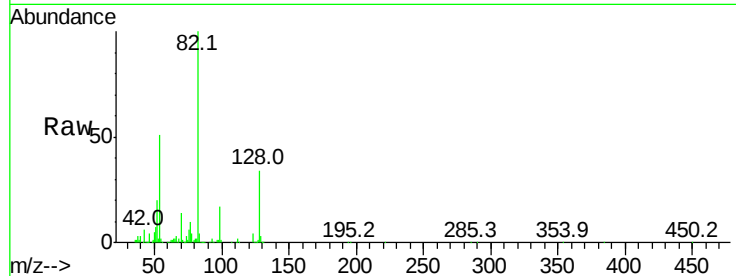
#23
 Nitrobenzene-d5
 Concen: 37.360 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	36.1	54.1#
54	51.3	41.4	62.2

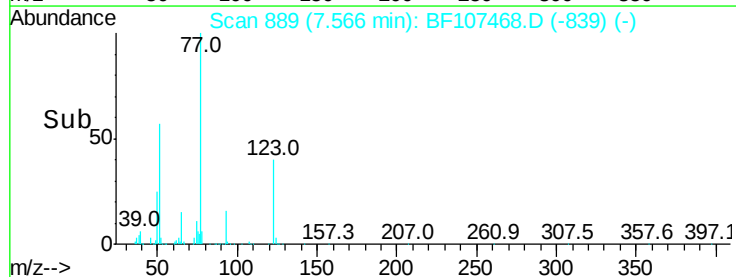
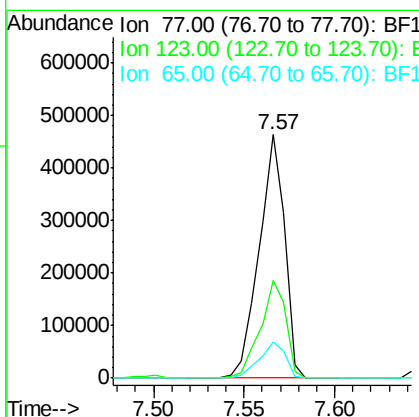
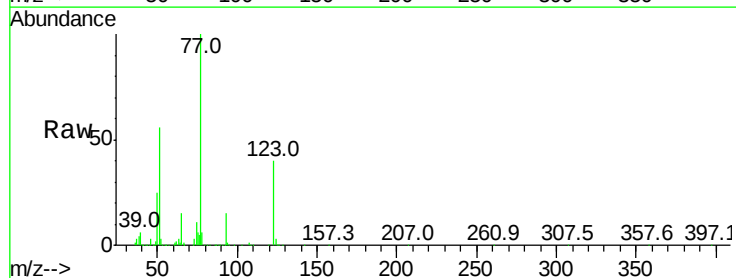
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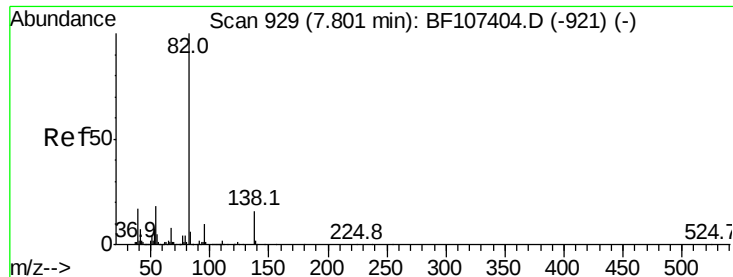
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#24
 Nitrobenzene
 Concen: 42.169 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	37.9	56.9
65	14.7	11.0	16.4





#25

Isophorone

Concen: 41.211 ng

RT: 7.81 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

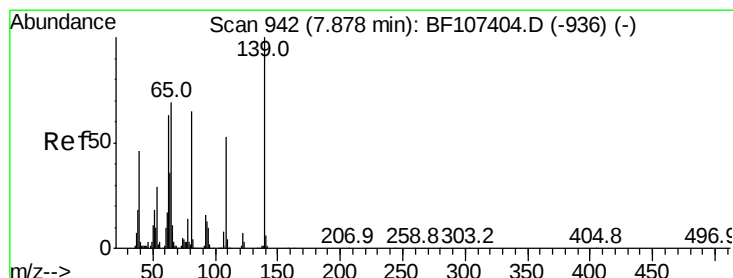
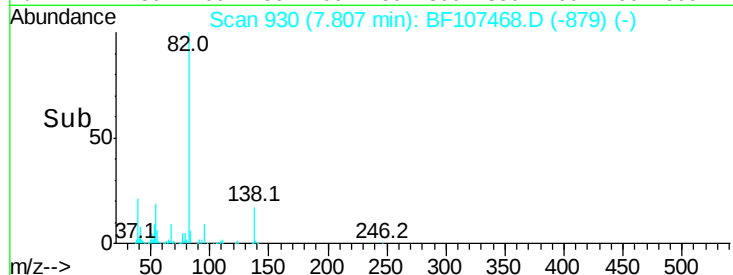
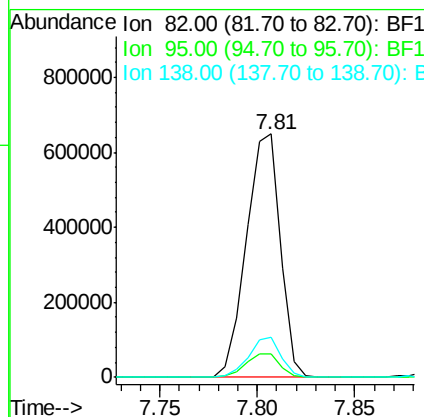
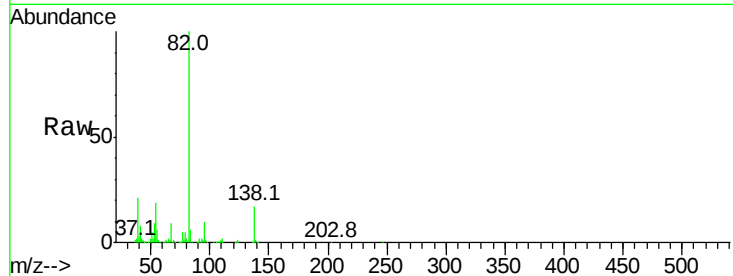
ClientSampleId :

PB111134BS

Tot Ion	82	Resp	783074
Ion Ratio	Lower	Upper	
82	100		
95	9.5	5.2	7.8#
138	16.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 53.318 ng

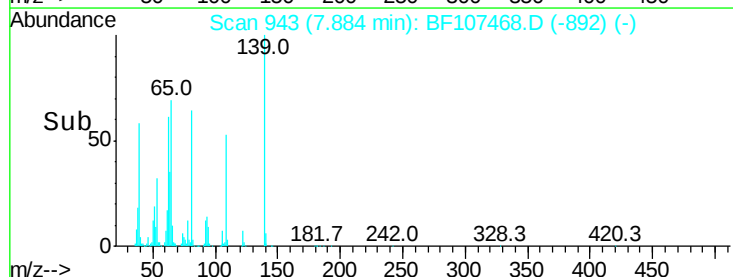
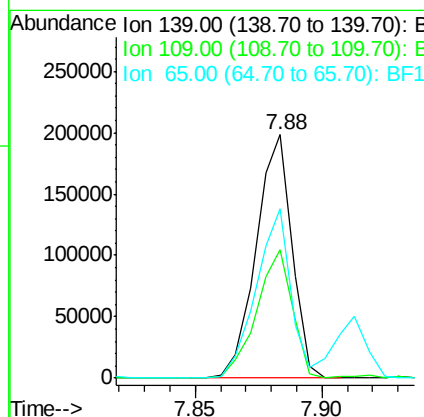
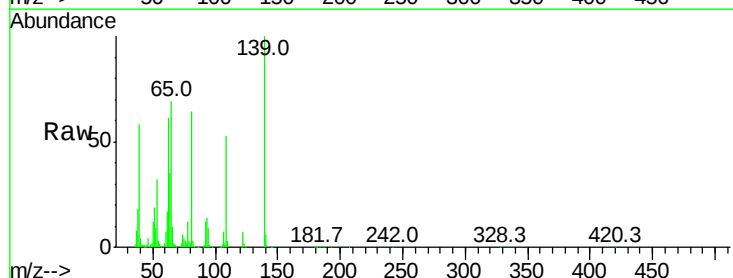
RT: 7.88 min Scan# 943

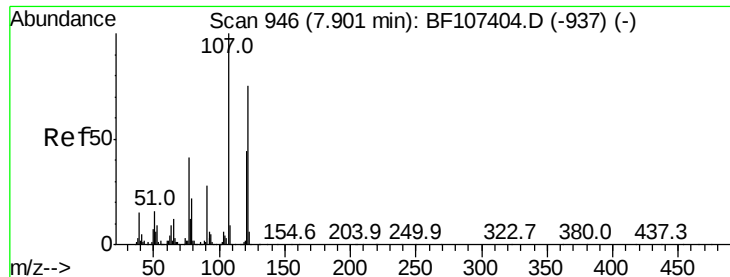
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	139	Resp	195257
Ion Ratio	Lower	Upper	
139	100		
109	53.0	22.7	34.1#
65	69.4	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 42.597 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

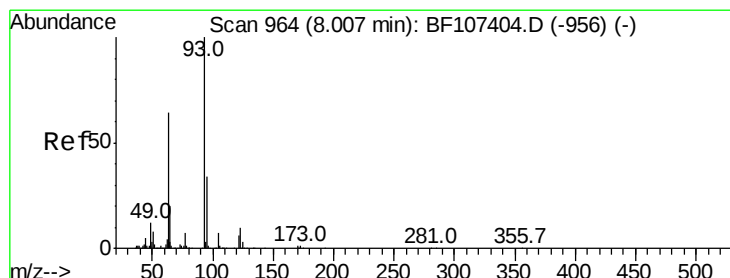
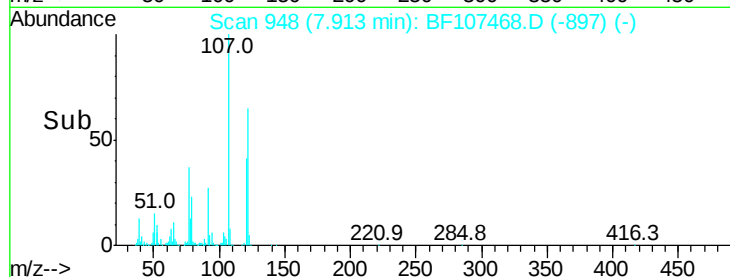
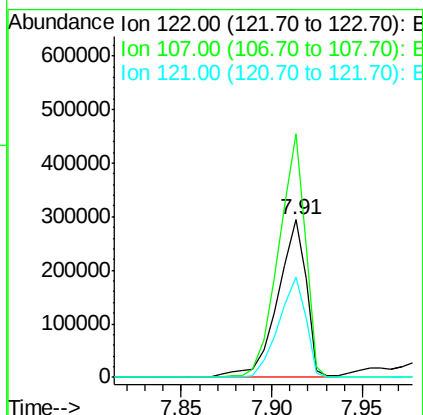
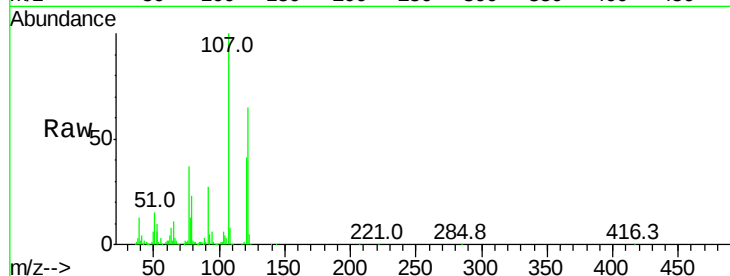
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	154.3	91.2	136.8#
121	63.9	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.532 ng

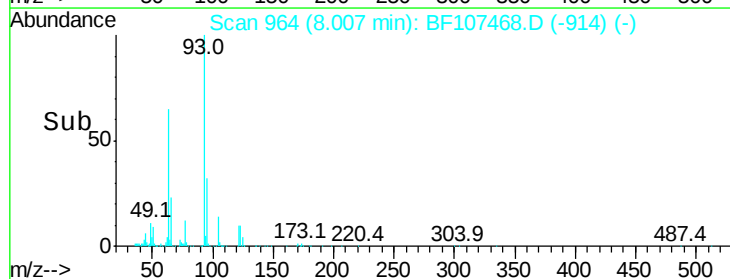
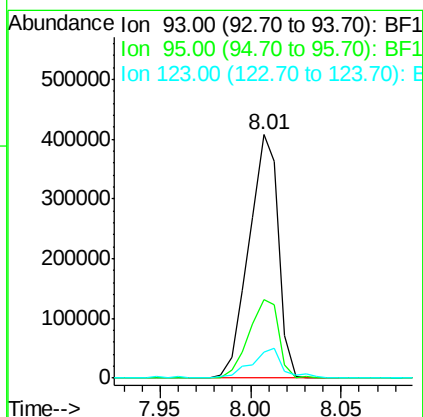
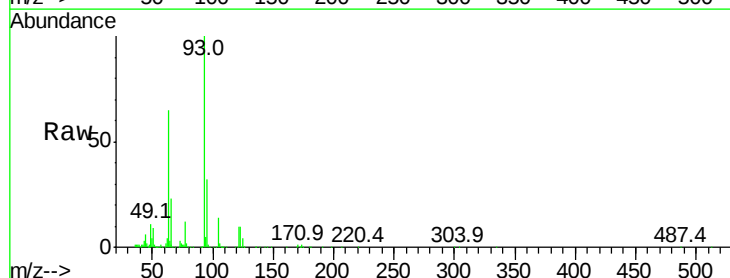
RT: 8.01 min Scan# 964

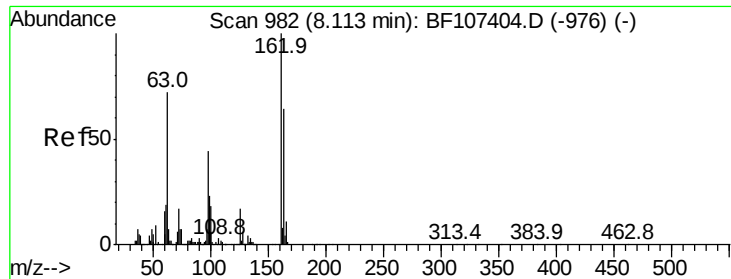
Delta R.T. -0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	10.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 40.841 ng

RT: 8.12 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

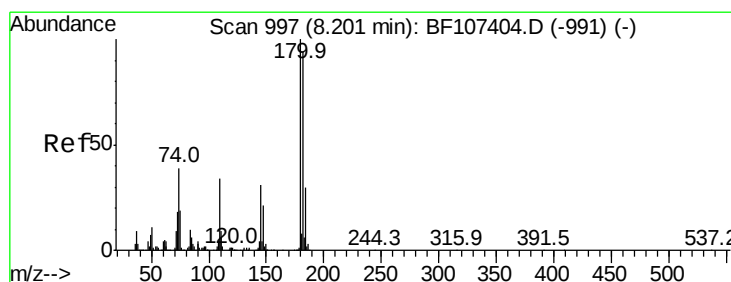
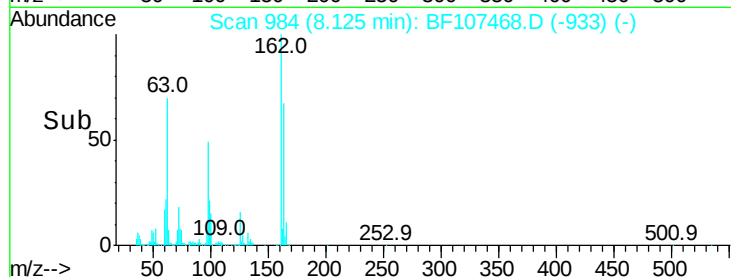
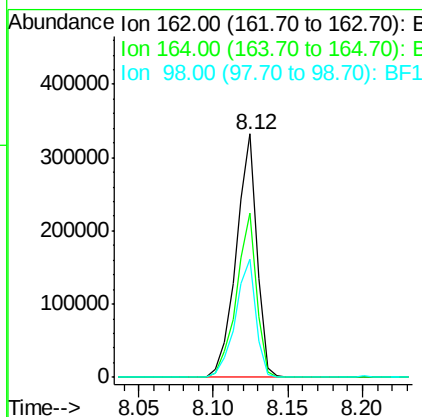
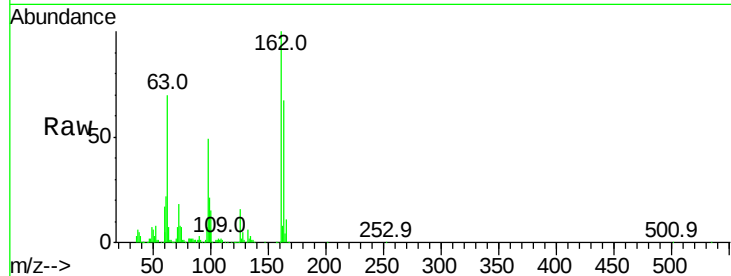
ClientSampleId :

PB111134BS

Tot Ion:	162	Resp:	324559
Ion Ratio	Lower	Upper	
162	100		
164	67.2	42.7	82.7
98	48.8	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 37.095 ng

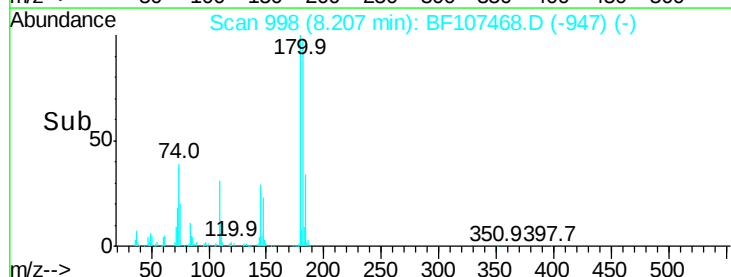
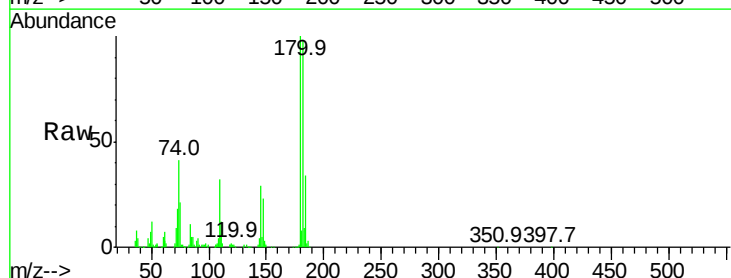
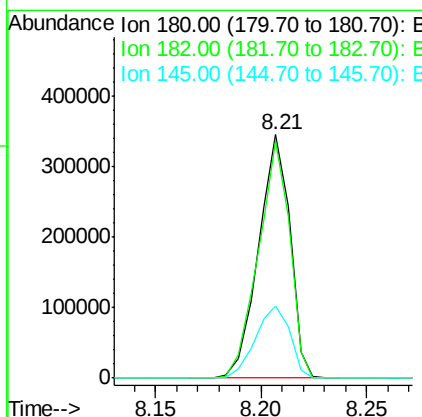
RT: 8.21 min Scan# 998

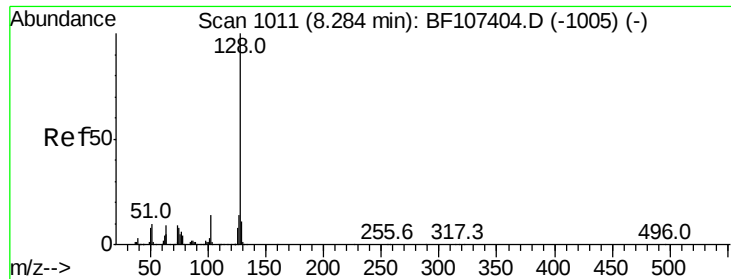
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion:	180	Resp:	356972
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.8	115.2
145	29.4	26.5	39.7





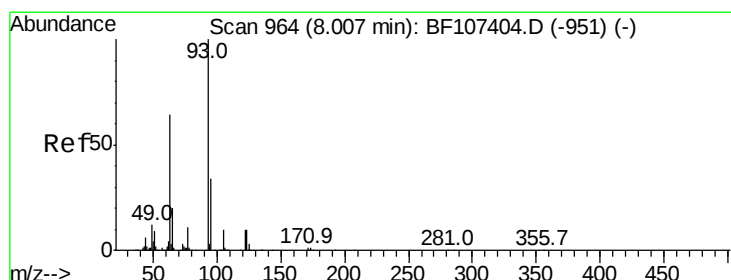
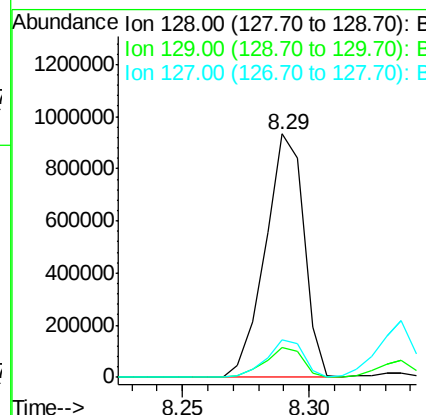
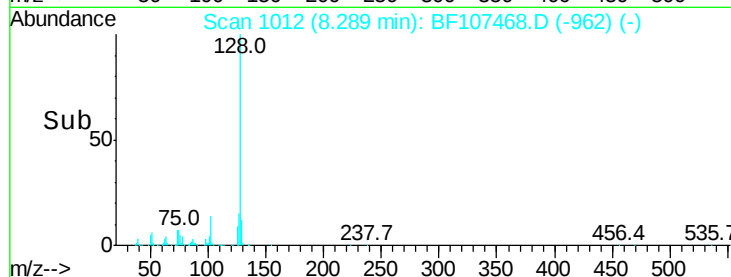
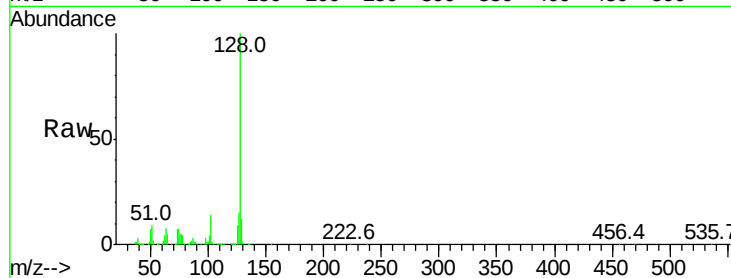
#31
Naphthalene
Concen: 39.723 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.1	8.8	13.2	
127	15.4	10.9	16.3	

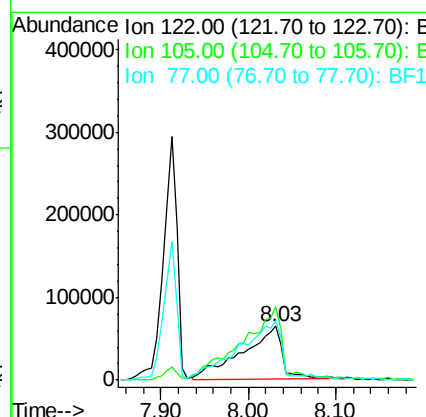
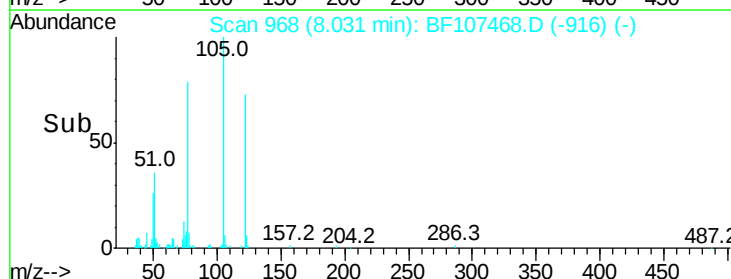
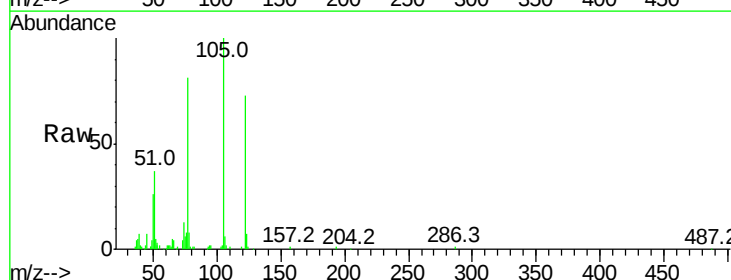
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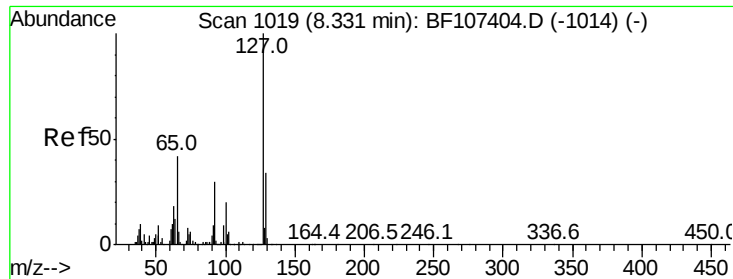
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#32
Benzoic acid
Concen: 43.721 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.8	101.1	141.1	
77	111.1	70.7	110.7	





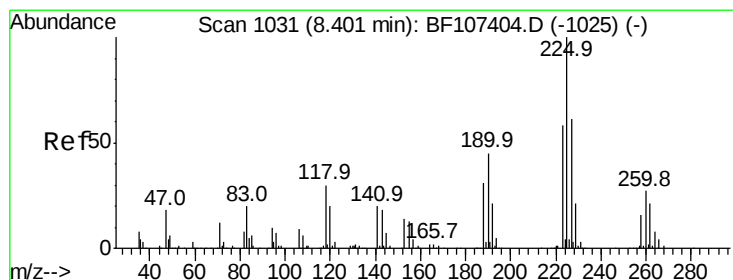
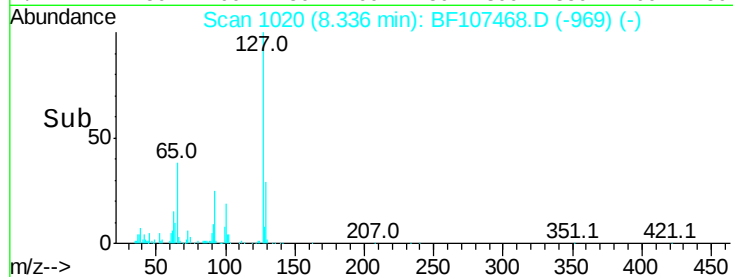
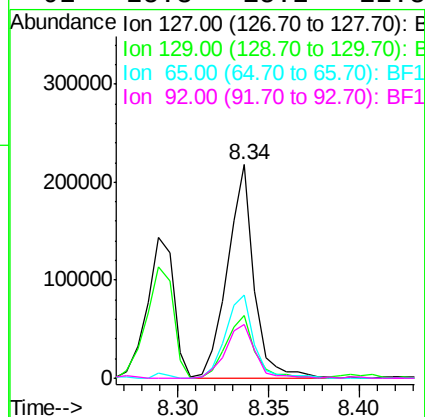
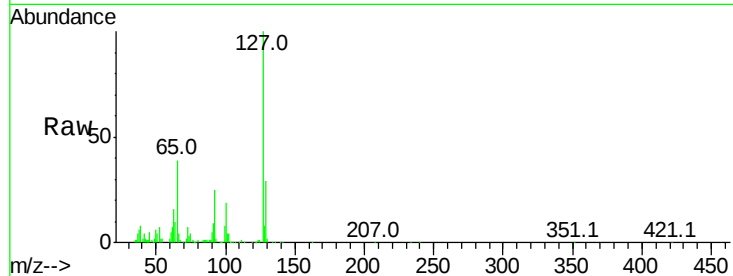
#33
4-Chloroaniline
Concen: 20.634 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.4	25.9	38.9		
65	38.9	25.0	37.4#		
92	25.3	15.2	22.8#		

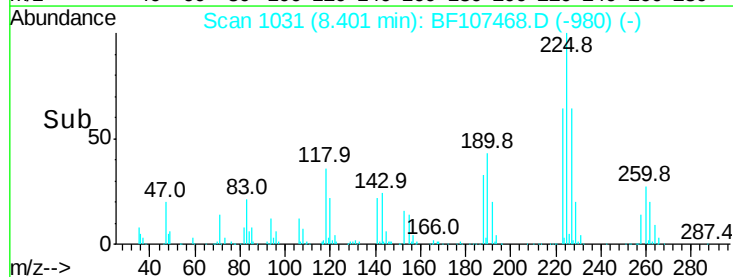
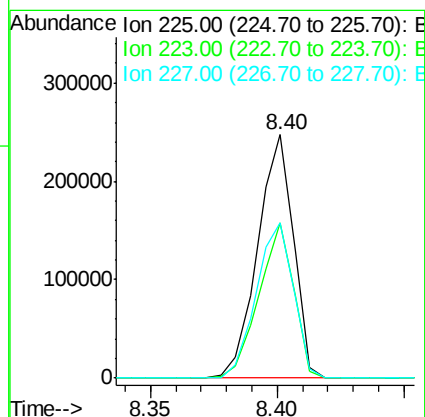
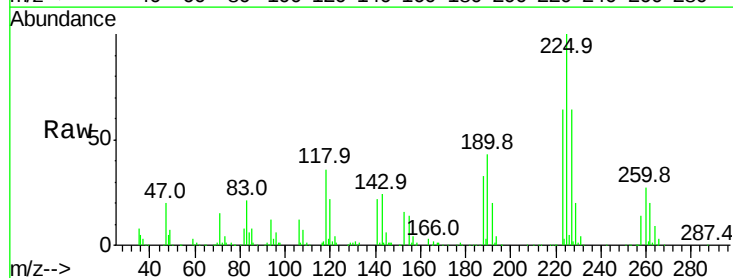
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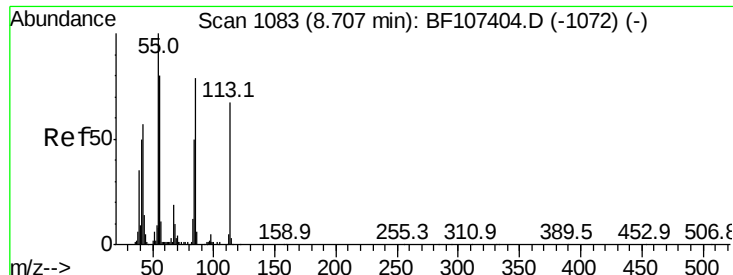
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#34
Hexachlorobutadiene
Concen: 37.792 ng
RT: 8.40 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.6	76.0		
227	63.9	51.9	77.9		





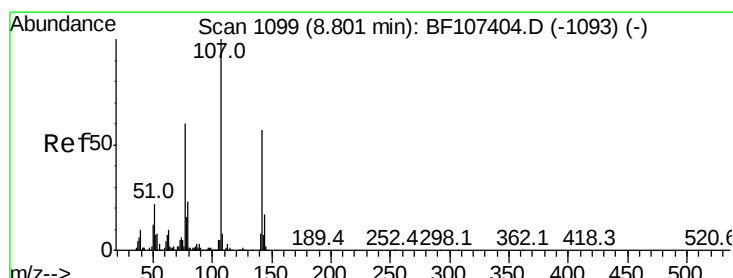
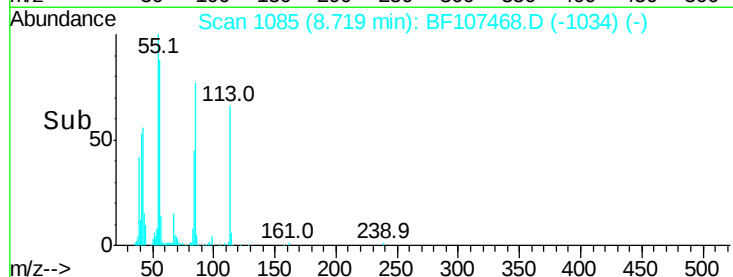
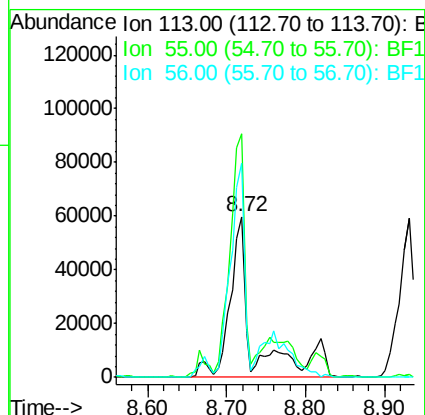
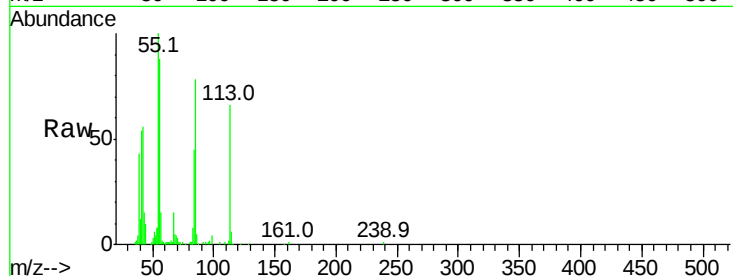
#35
 Caprolactam
 Concen: 46.643 ng/ml
 RT: 8.72 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.6	163.3	203.3#
56	133.3	115.7	155.7

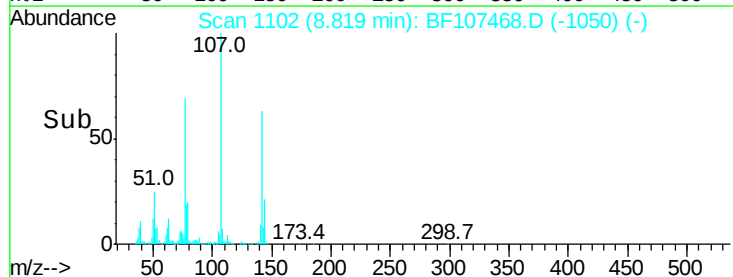
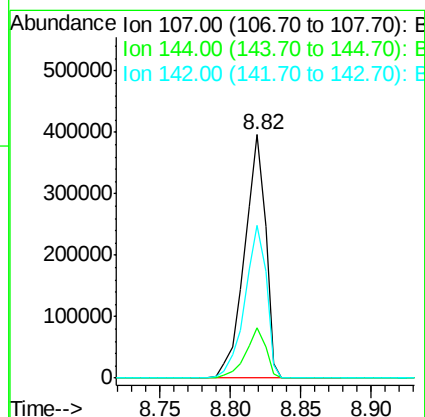
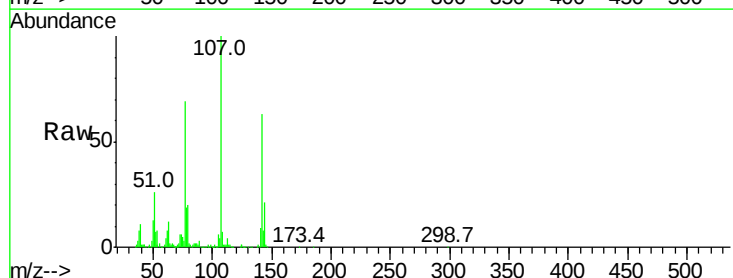
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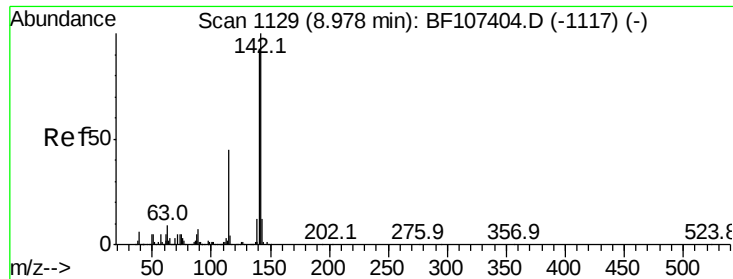
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#36
 4-Chloro-3-methylphenol
 Concen: 39.982 ng/ml
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.7	20.5	30.7
142	62.8	62.0	93.0





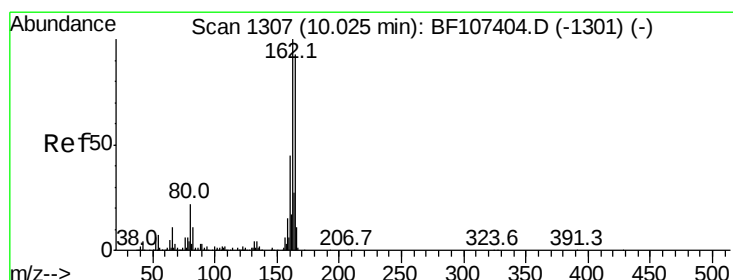
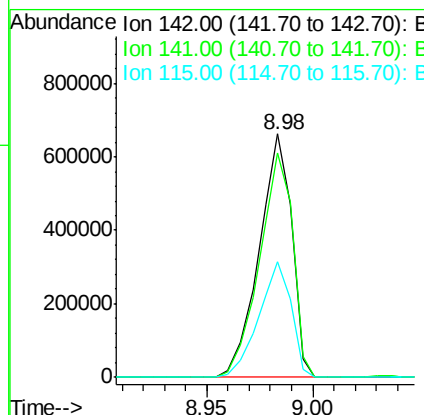
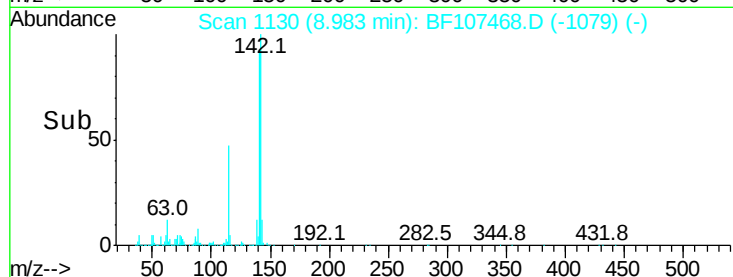
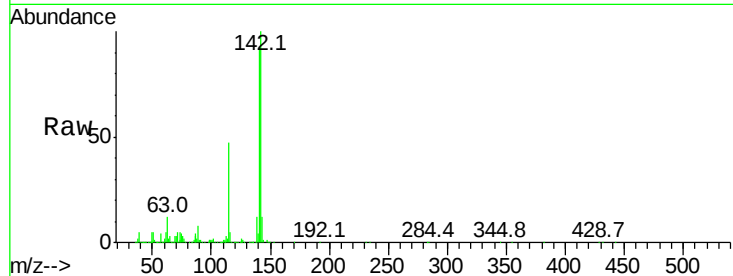
#37
2-Methylnaphthalene
Concen: 43.306 ng
RT: 8.98 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	47.5	26.1	39.1

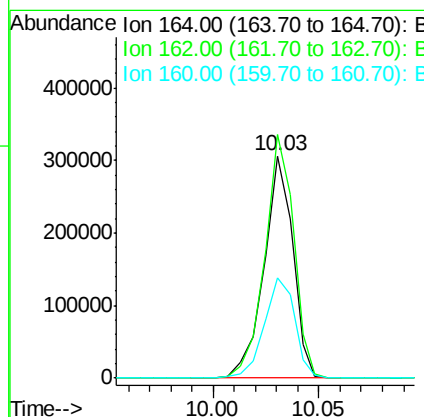
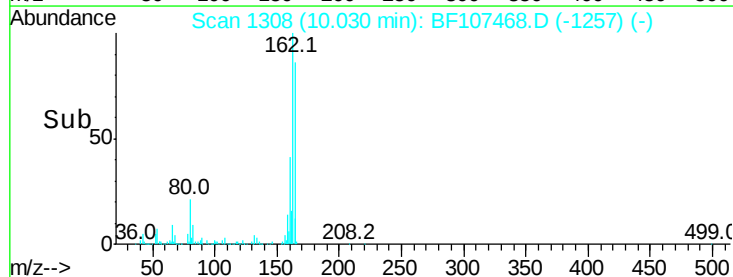
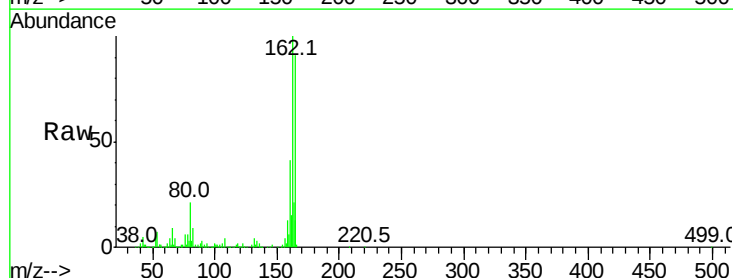
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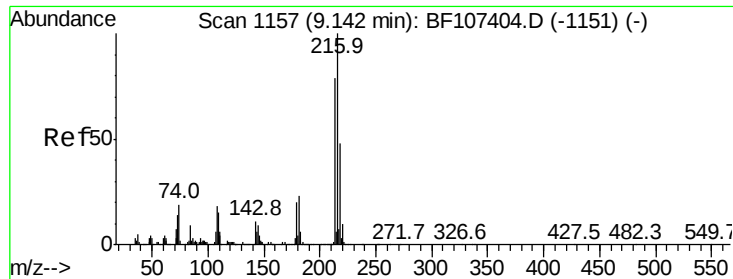
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.7	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.733 ng

RT: 9.15 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

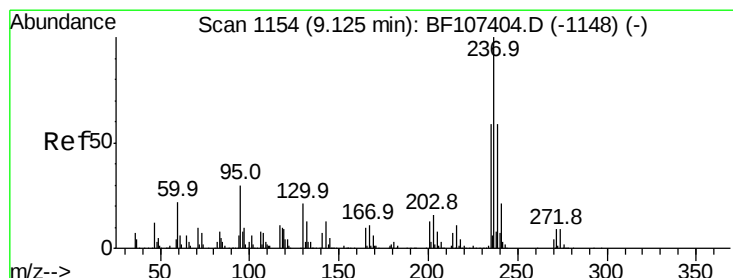
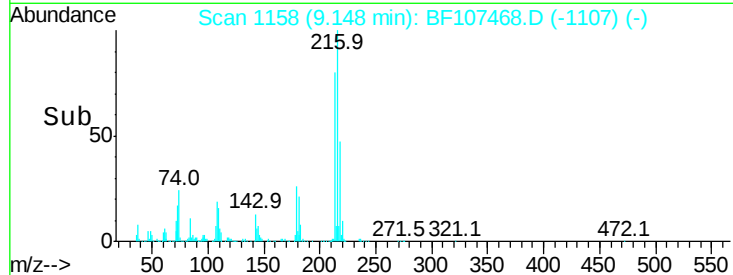
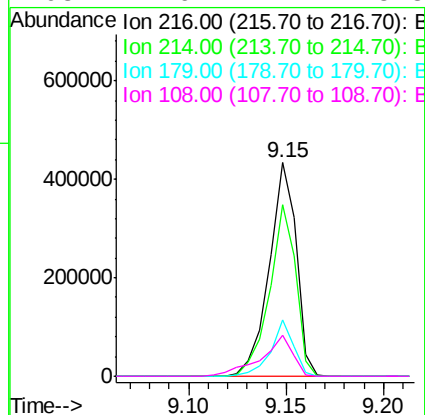
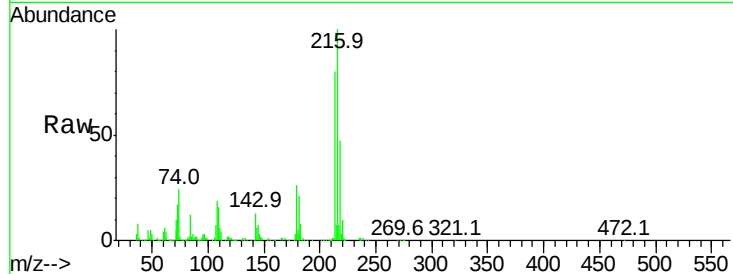
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.8	63.0	94.4
179	22.3	18.1	27.1
108	22.6	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 82.509 ng

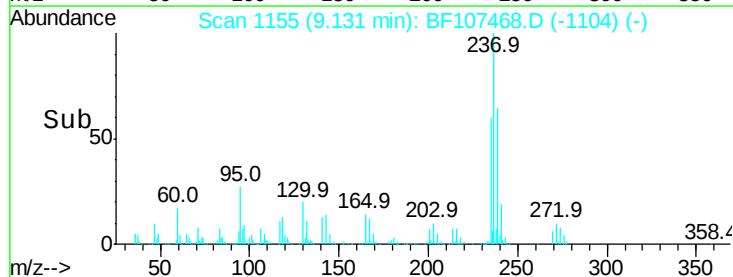
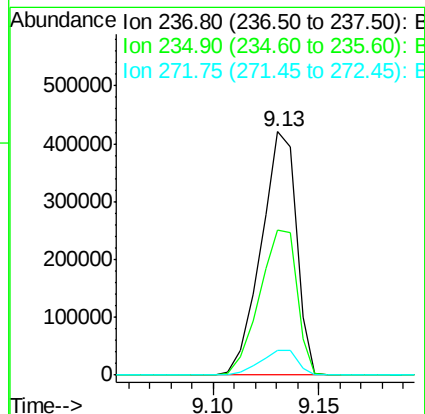
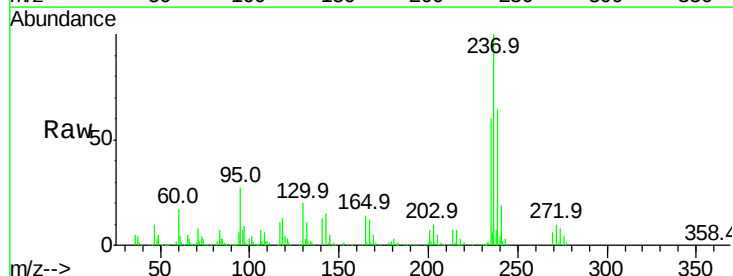
RT: 9.13 min Scan# 1155

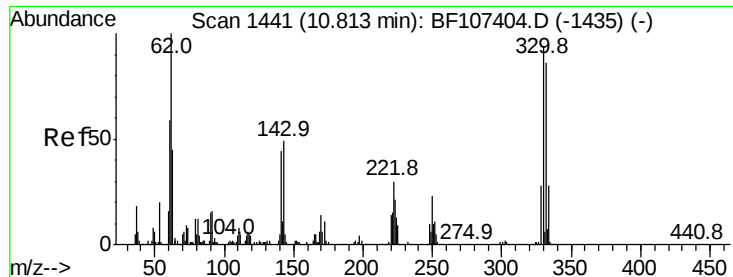
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	59.7	44.8	84.8
272	10.4	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 51.843 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

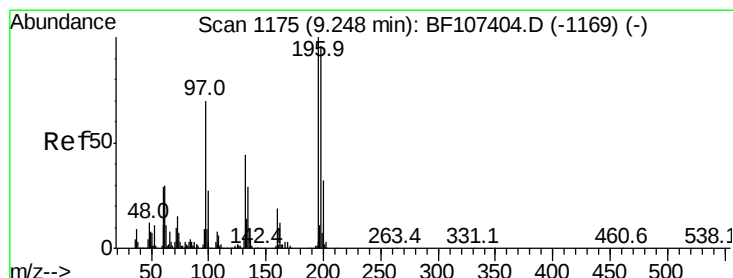
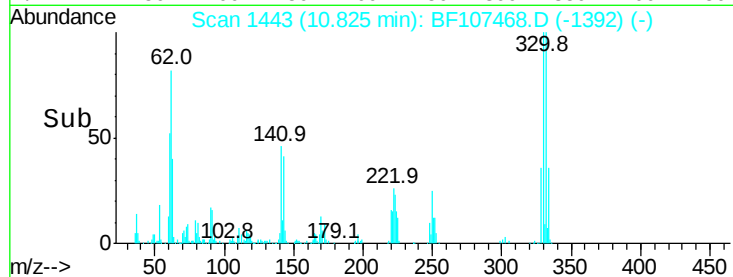
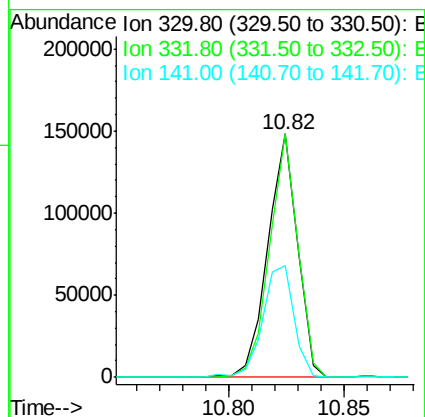
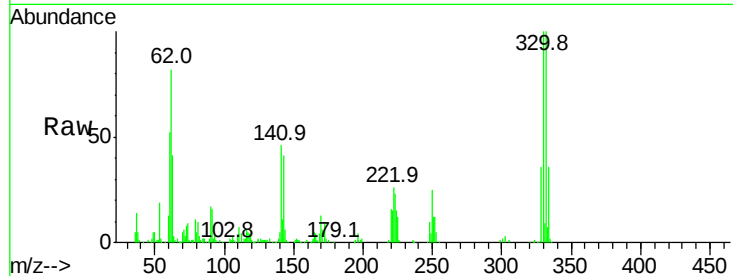
ClientSampleId :

PB111134BS

Tot Ion:	330	Resp:	132660
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.6
141	48.7	29.9	44.9#

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#42

2,4,6-Trichlorophenol

Concen: 38.257 ng

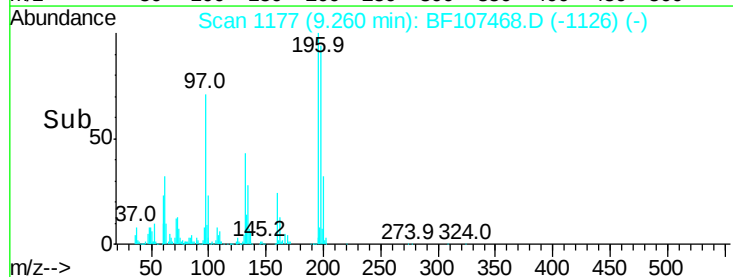
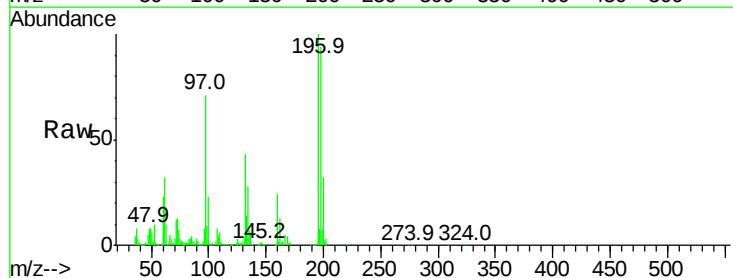
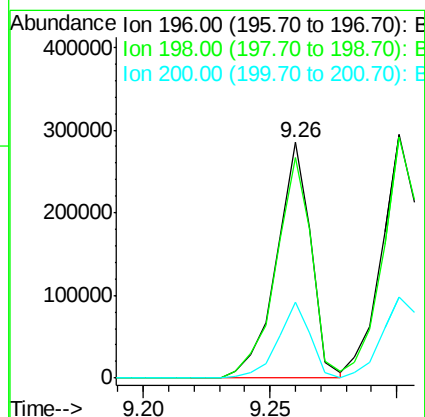
RT: 9.26 min Scan# 1177

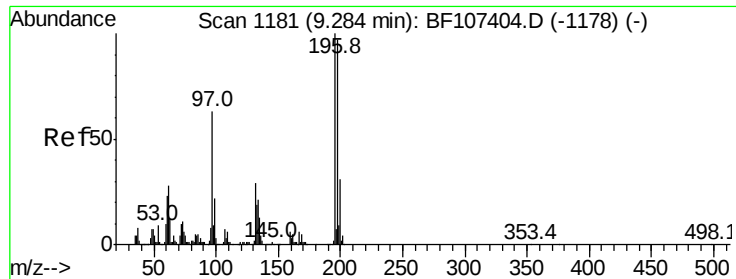
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion:	196	Resp:	270649
Ion Ratio	Lower	Upper	
196	100		
198	94.0	75.7	113.5
200	32.1	24.5	36.7





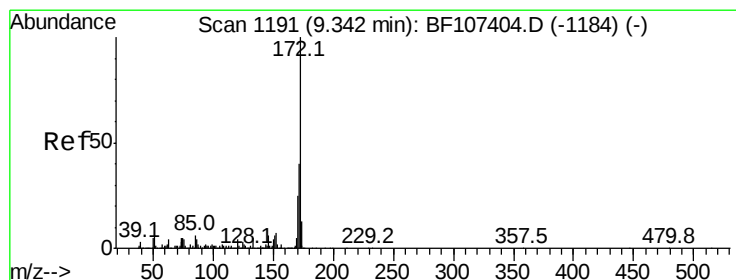
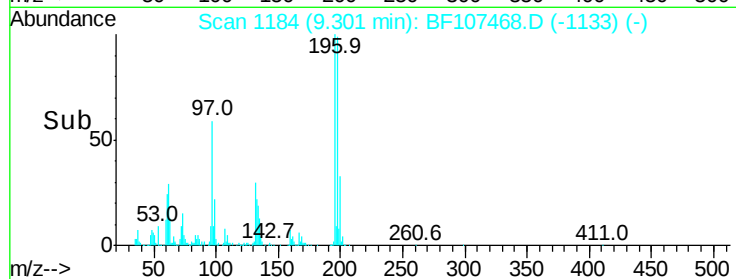
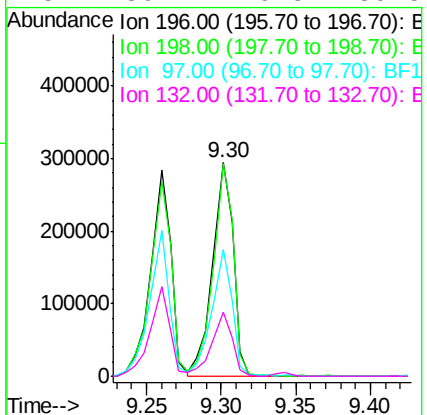
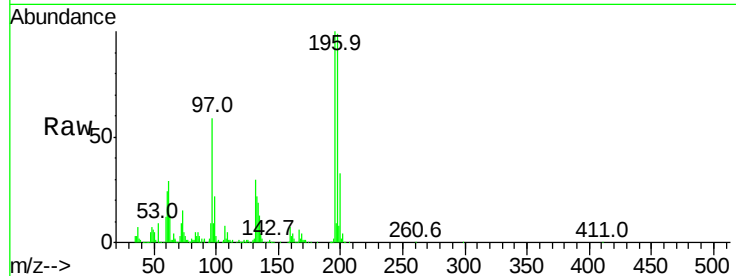
#43
 2,4,5-Trichlorophenol
 Concen: 42.384 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286850		
198	99.3	74.6	112.0	
97	59.2	42.9	64.3	
132	30.1	26.3	39.5	

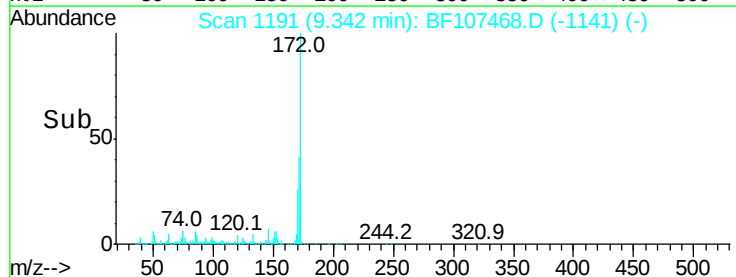
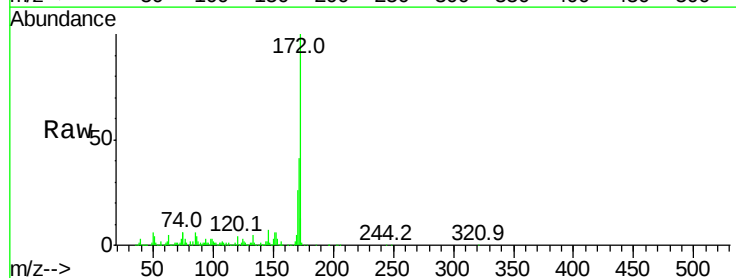
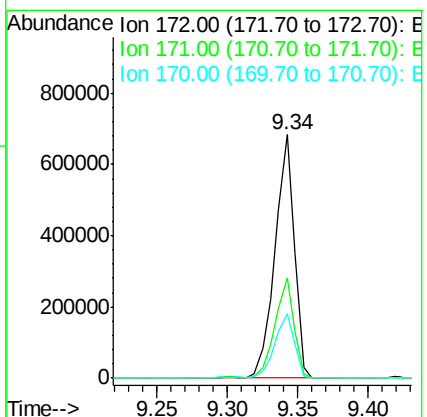
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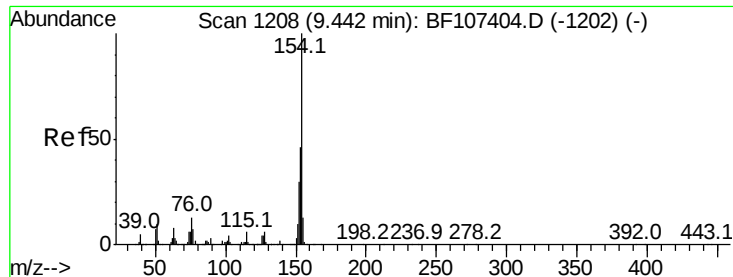
Sohil
 7/19/2018 11:49:14 AM



#44
 2-Fluorobiphenyl
 Concen: 30.666 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	656686		
171	41.0	29.7	44.5	
170	26.3	19.6	29.4	





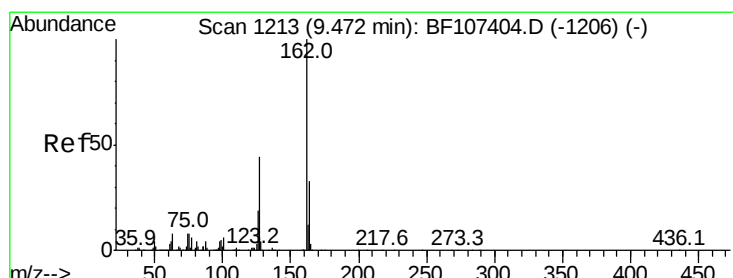
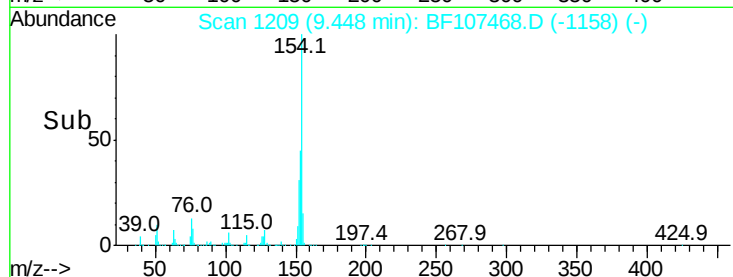
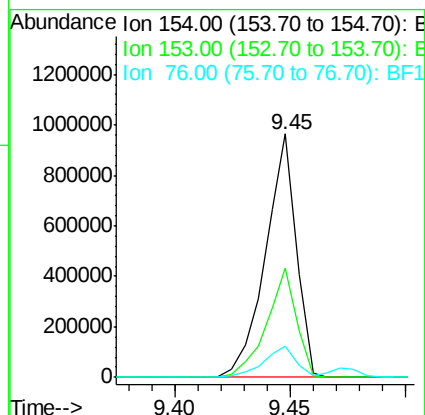
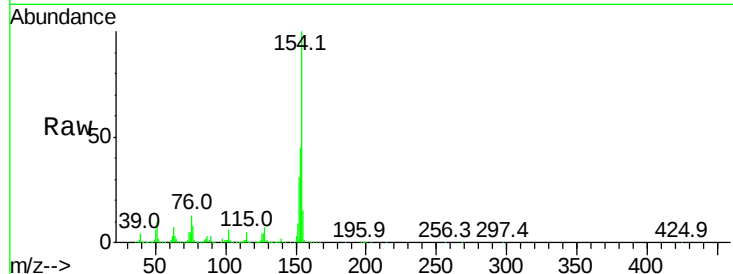
#45
 1,1'-Biphenyl
 Concen: 35.488 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.7	21.3	61.3
76	12.9	0.0	34.0

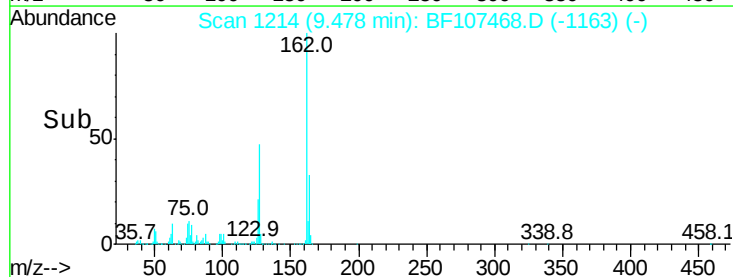
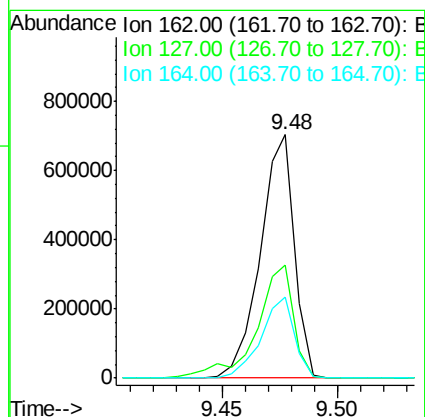
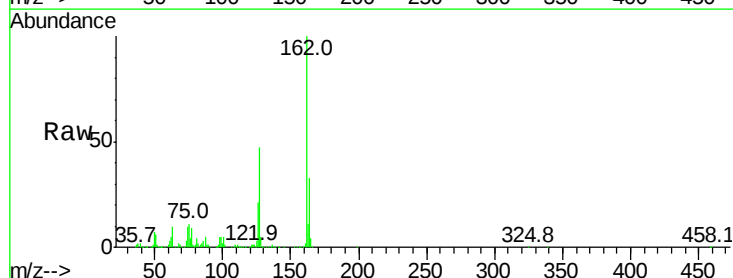
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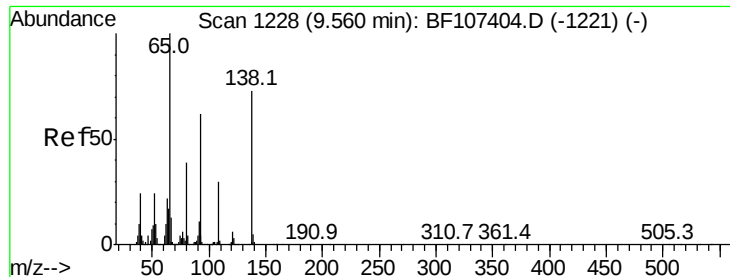
Sohil
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#46
 2-Chloronaphthalene
 Concen: 36.207 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.6	33.9	50.9
164	33.1	26.5	39.7





#47

2-Nitroaniline

Concen: 47.512 ng

RT: 9.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

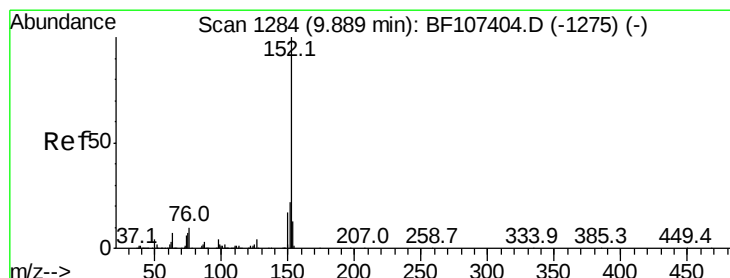
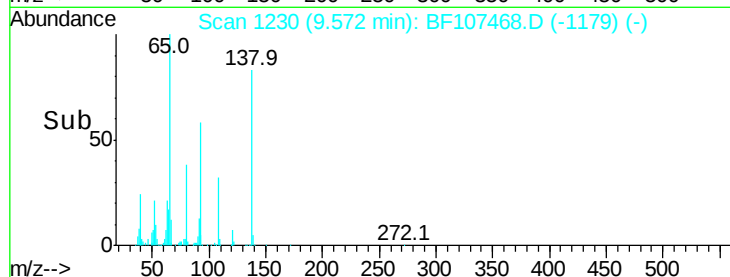
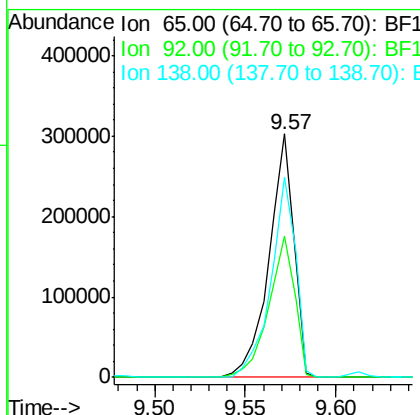
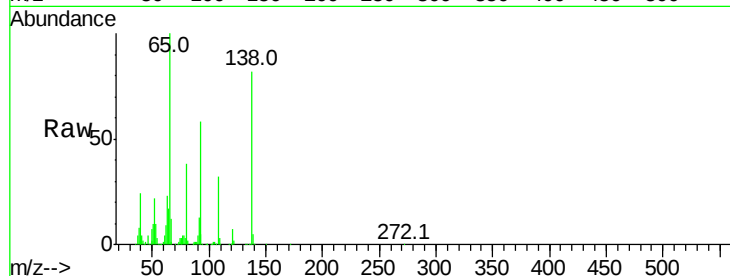
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.8	55.8	83.6
138	82.4	91.2	136.8

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#48

Acenaphthylene

Concen: 39.498 ng

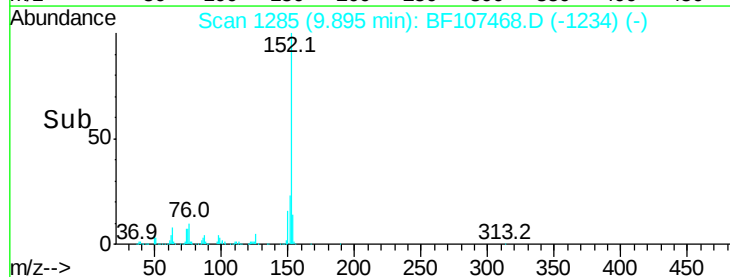
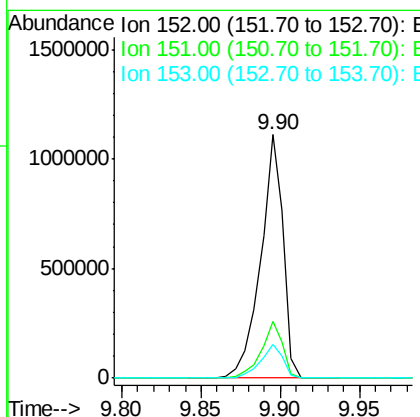
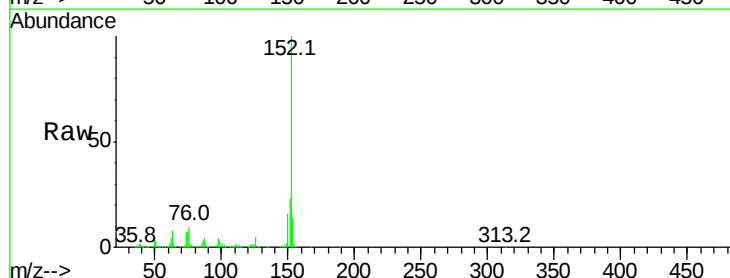
RT: 9.90 min Scan# 1285

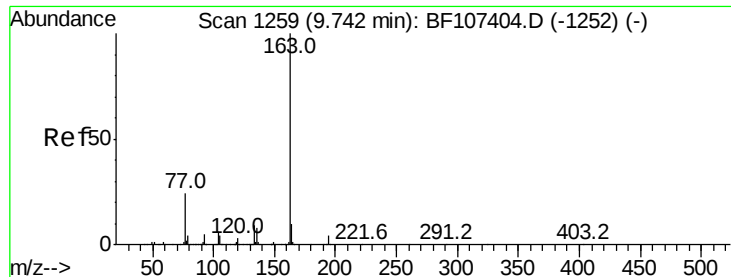
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.3	24.5
153	14.0	10.7	16.1





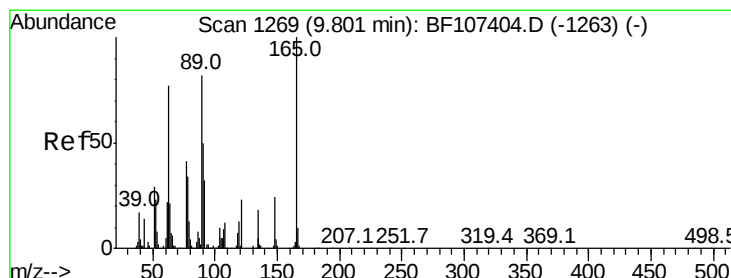
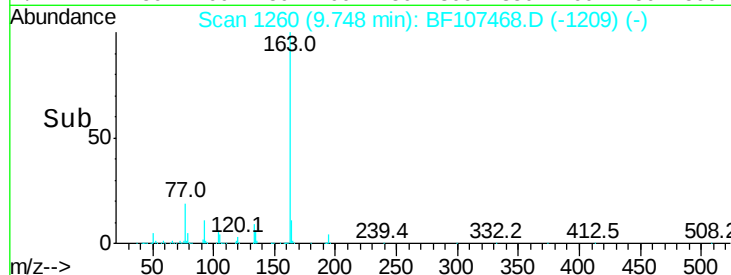
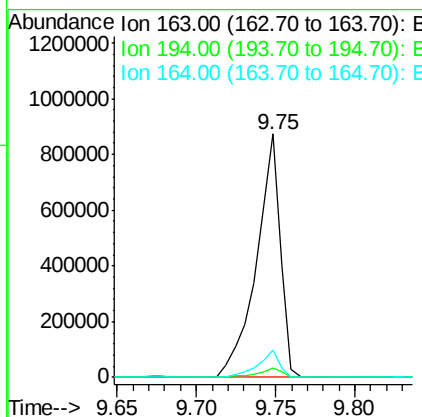
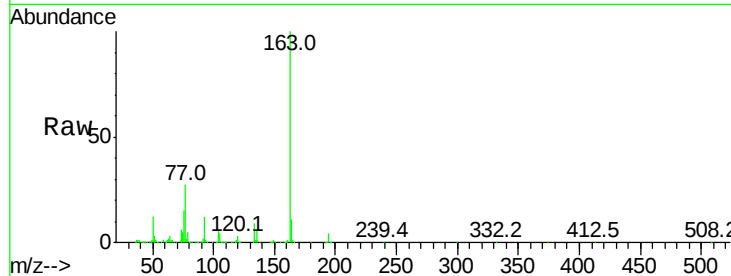
#49
Dimethylphthalate
Concen: 39.849 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	11.4	8.2	12.2	

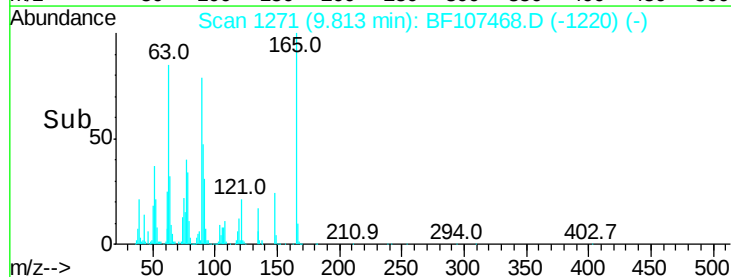
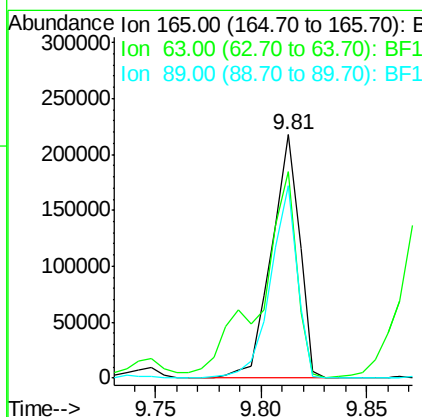
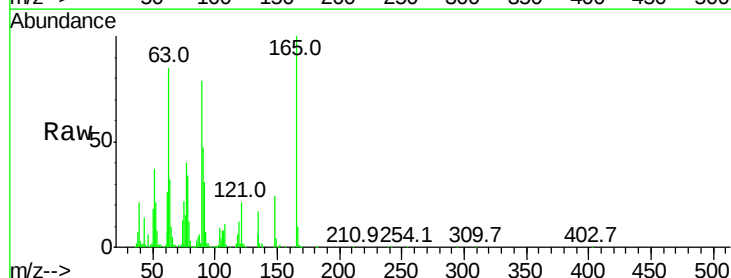
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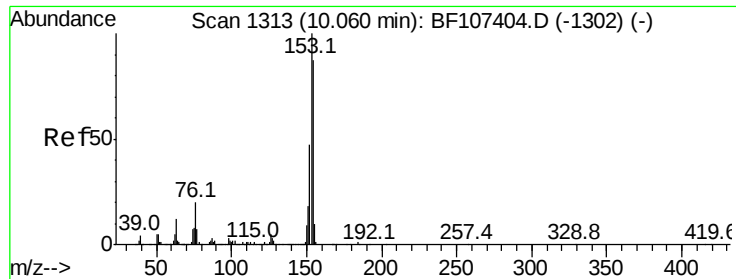
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#50
2,6-Dinitrotoluene
Concen: 45.577 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	84.7	44.7	67.1#	
89	79.2	44.0	66.0#	





#51

Acenaphthene

Concen: 36.422 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

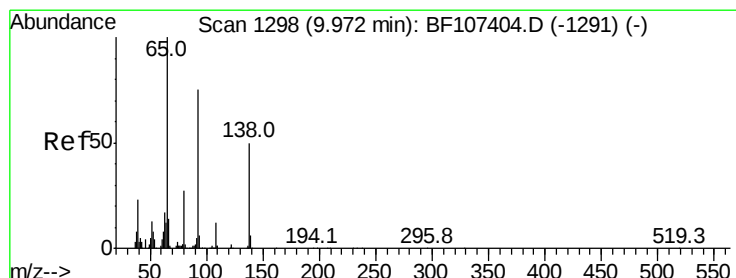
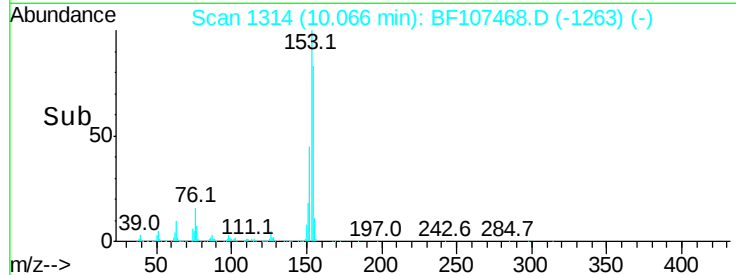
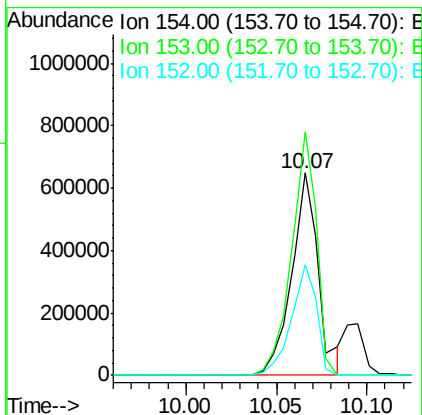
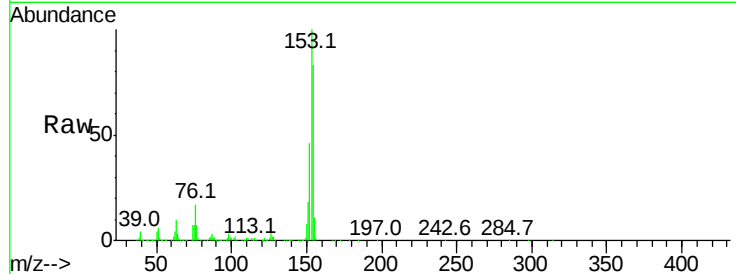
ClientSampleId :

PB111134BS

Tot Ion:	154	Resp:	670129
Ion Ratio	Lower	Upper	
154	100		
153	120.5	91.2	136.8
152	54.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 23.245 ng

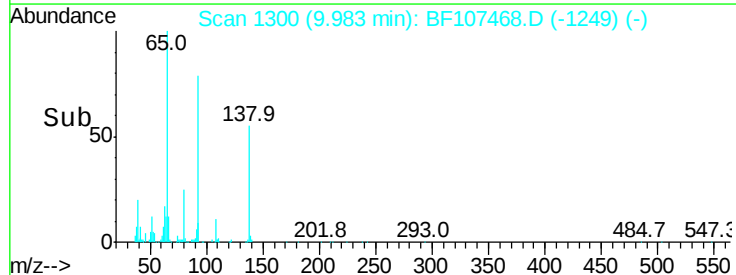
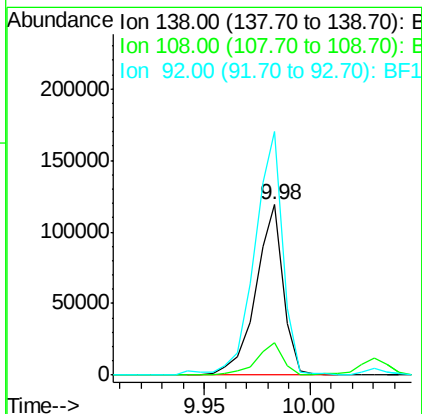
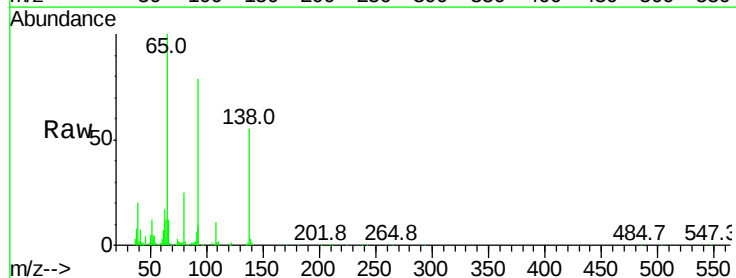
RT: 9.98 min Scan# 1300

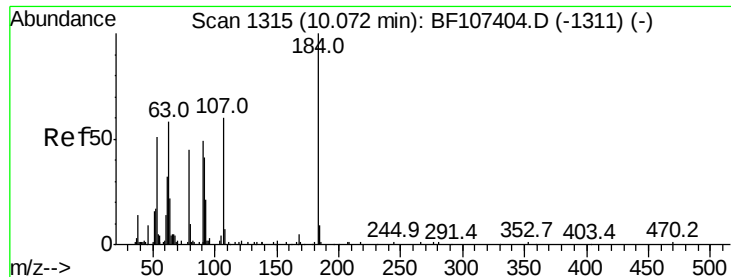
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion:	138	Resp:	107809
Ion Ratio	Lower	Upper	
138	100		
108	19.2	9.4	14.0#
92	142.7	89.4	134.2#





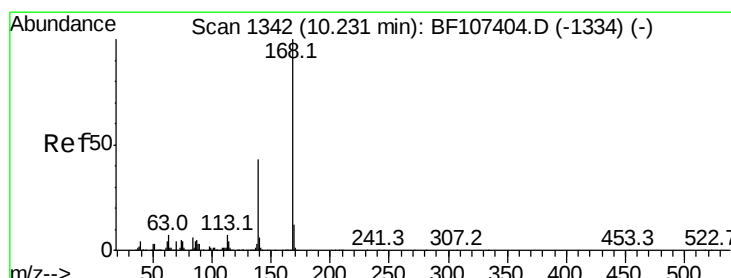
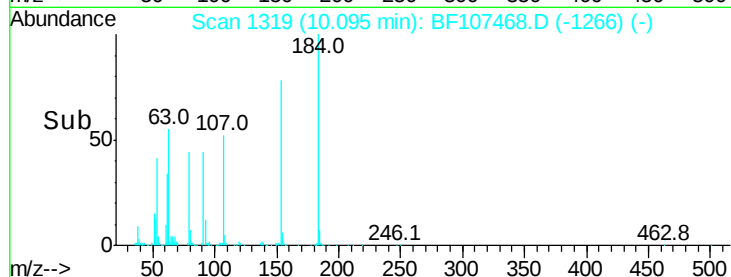
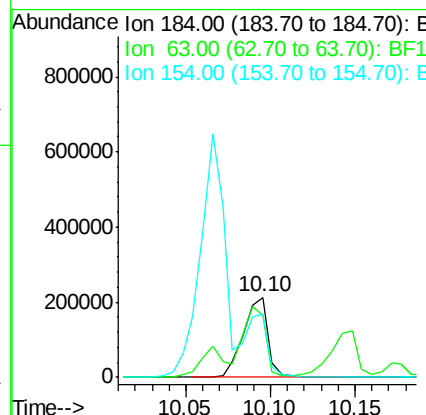
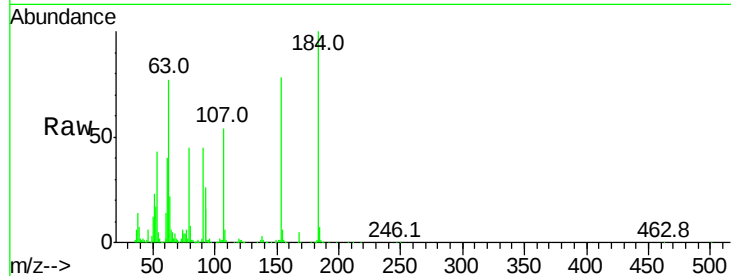
#53
2,4-Dinitrophenol
Concen: 92.827 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.5	54.2	81.2	
154	78.1	184.0	276.0	

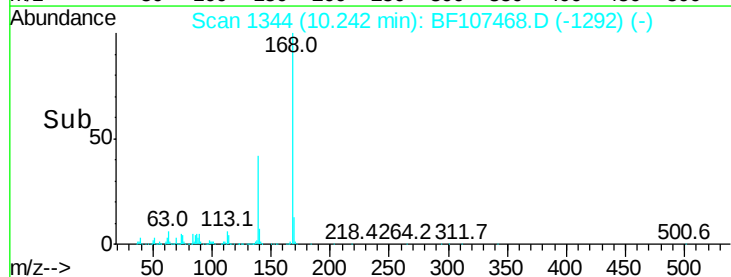
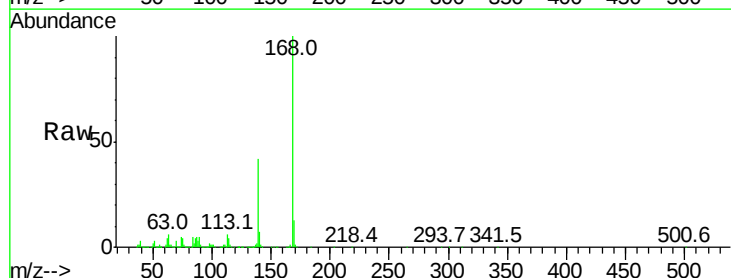
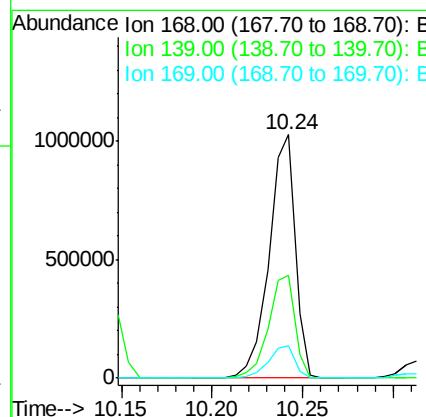
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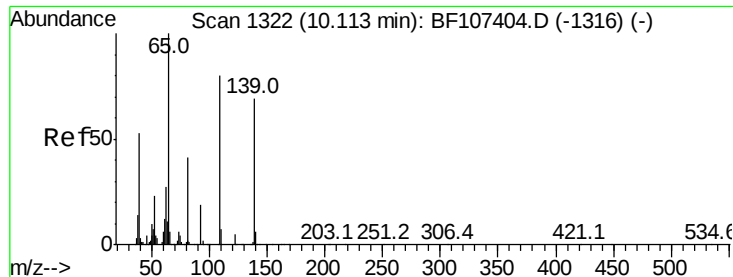
Sohil
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#54
Dibenzofuran
Concen: 36.218 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.0	30.1	45.1	
169	13.1	10.9	16.3	





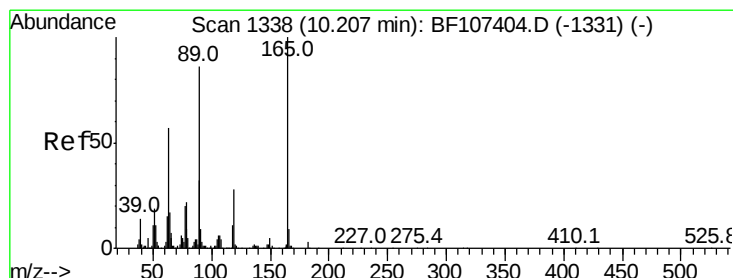
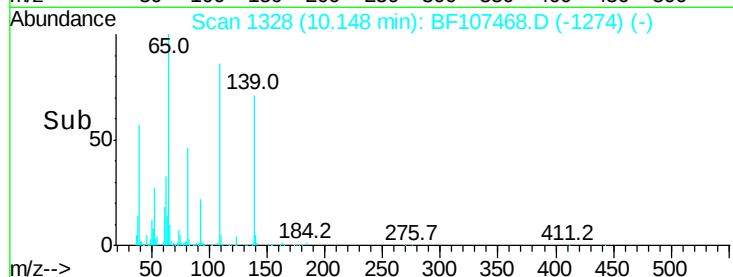
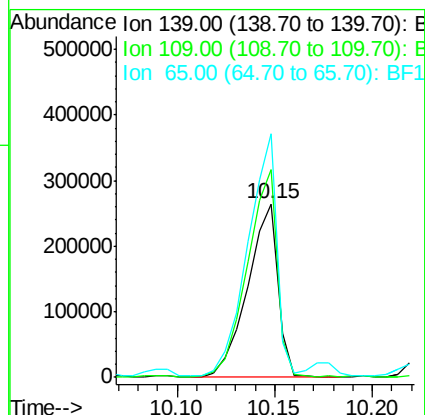
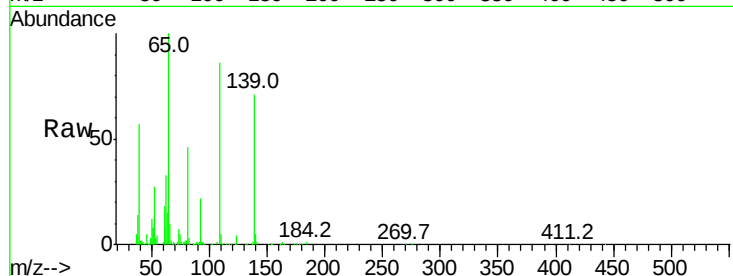
#55
4-Nitrophenol
Concen: 75.963 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	119.8	48.4	88.4#
65	140.1	72.6	112.6#

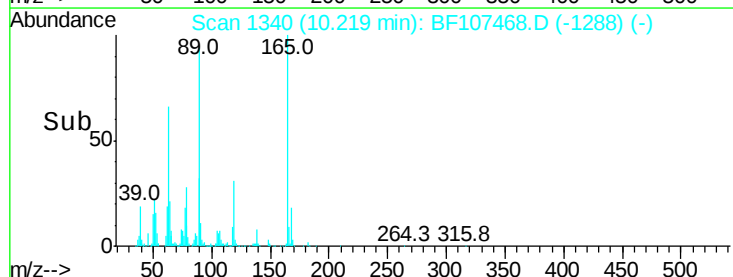
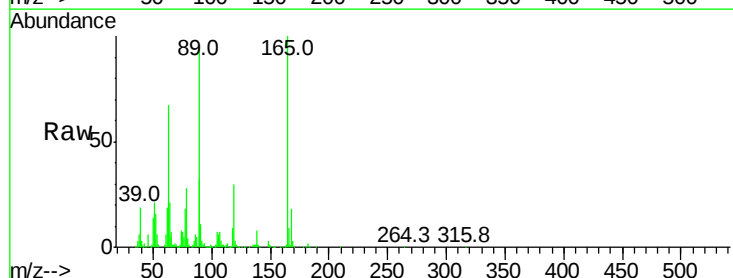
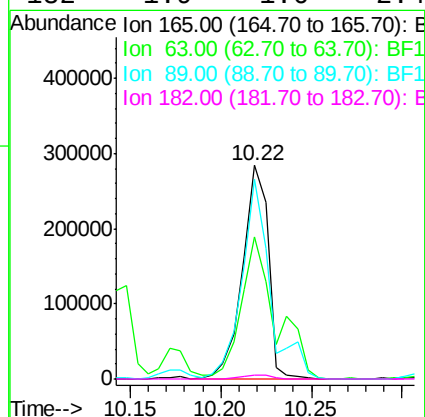
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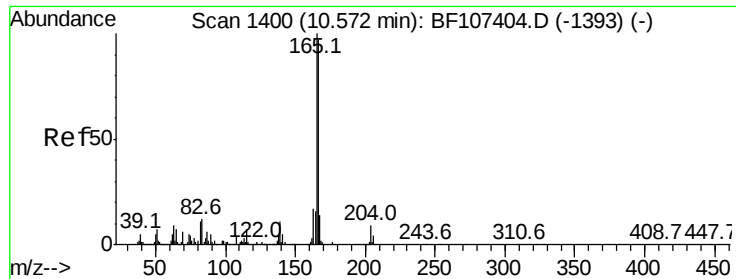
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#56
2,4-Dinitrotoluene
Concen: 48.621 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.5	36.4	54.6#
89	93.6	57.8	86.6#
182	1.9	1.6	2.4





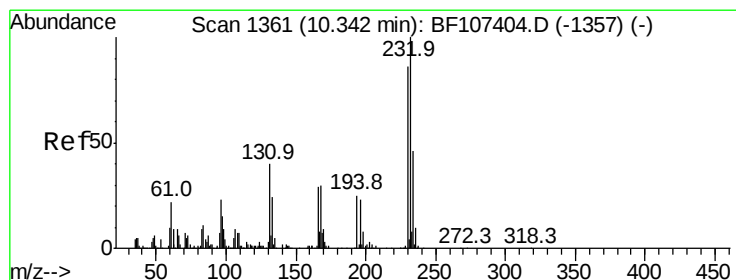
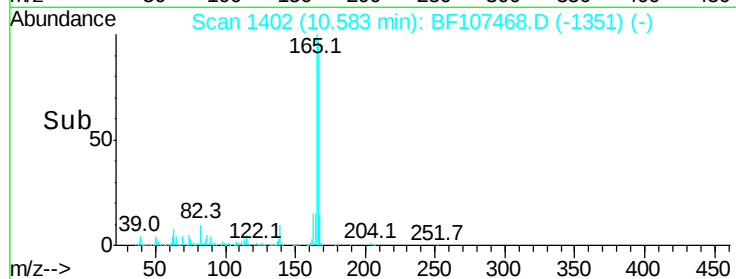
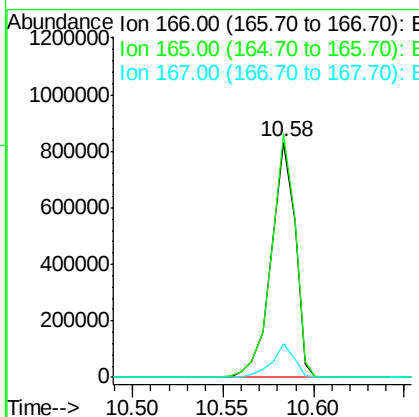
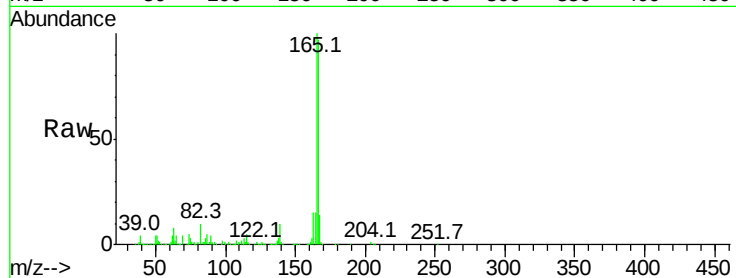
#57
 Fluorene
 Concen: 40.730 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	103.5	79.8	119.8	
167	14.1	10.6	16.0	

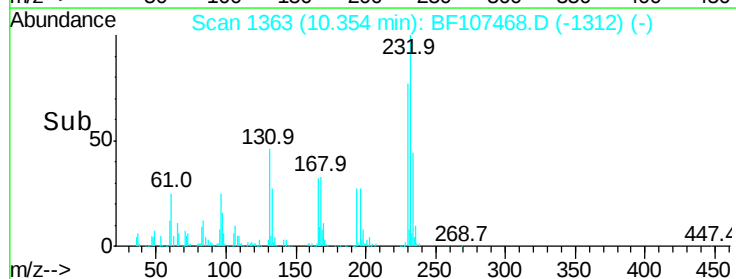
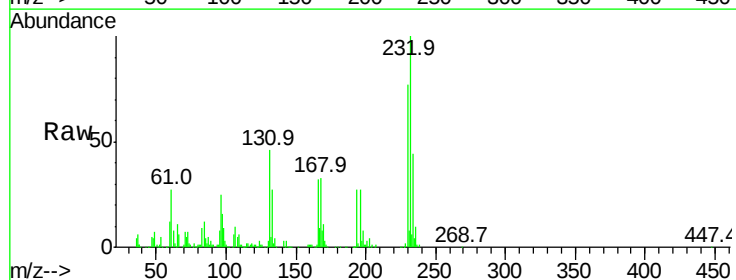
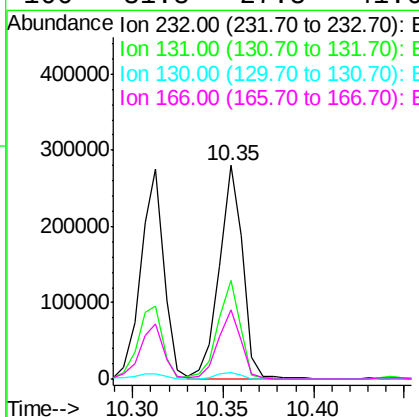
Manual Integrations
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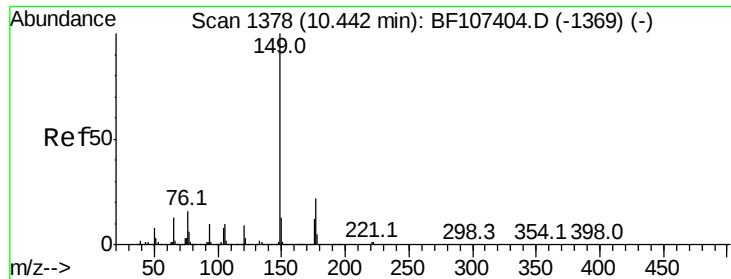
Sohil
 7/19/2018 11:49:14 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.348 ng
 RT: 10.35 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.2	43.8	65.8	
130	3.3	2.1	3.1#	
166	31.8	27.8	41.6	





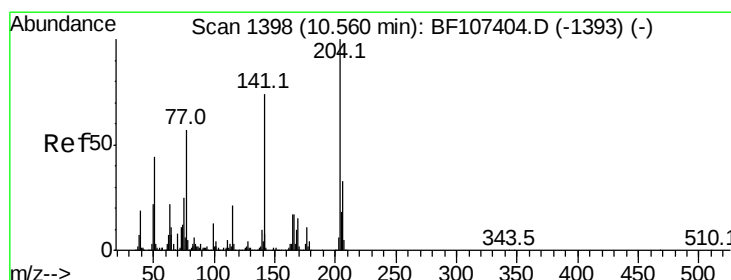
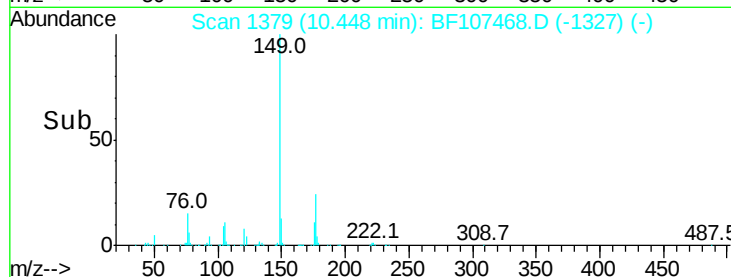
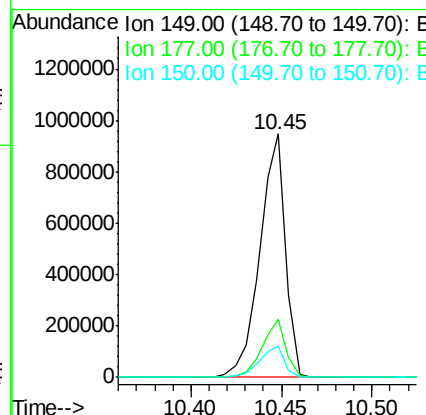
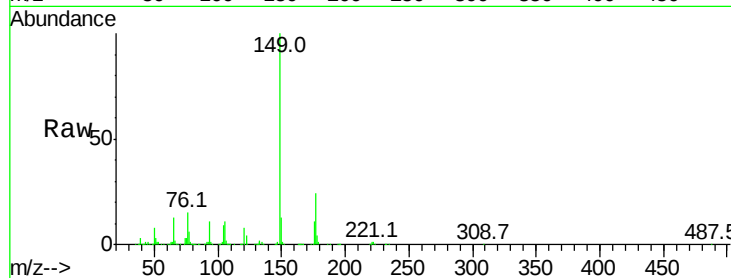
#59
Diethylphthalate
Concen: 41.104 ng
RT: 10.45 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.1	24.1
150	12.7	10.1	15.1

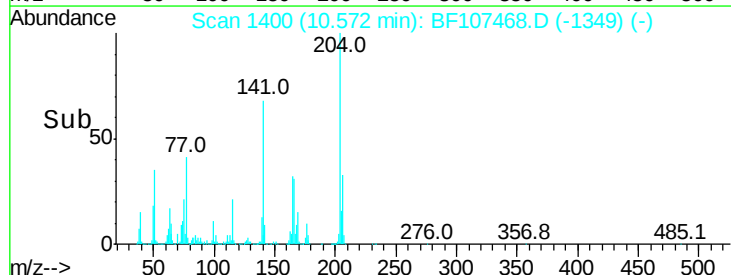
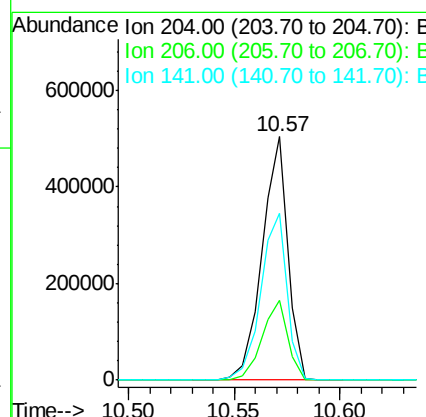
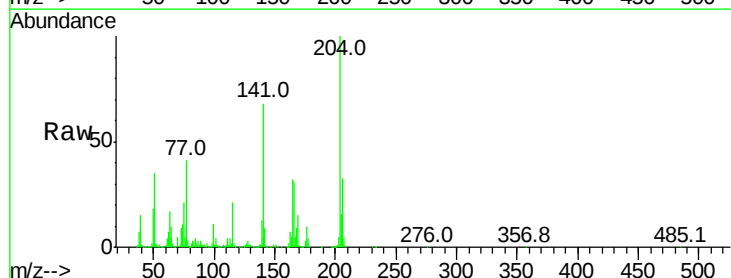
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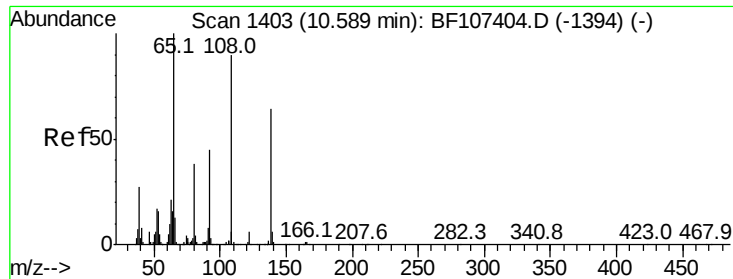
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.136 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	68.5	54.6	81.8





#61

4-Nitroaniline

Concen: 42.908 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

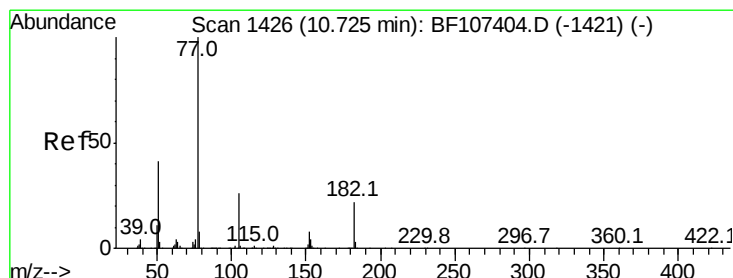
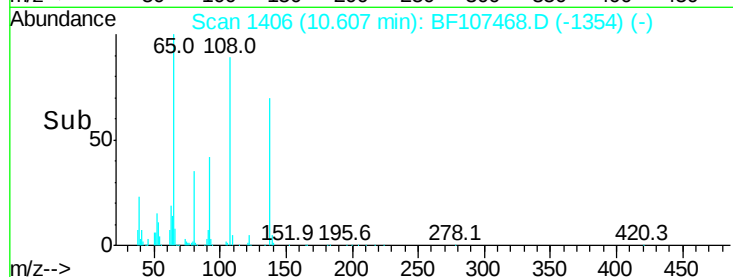
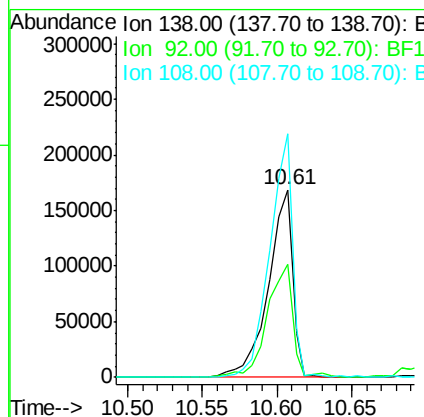
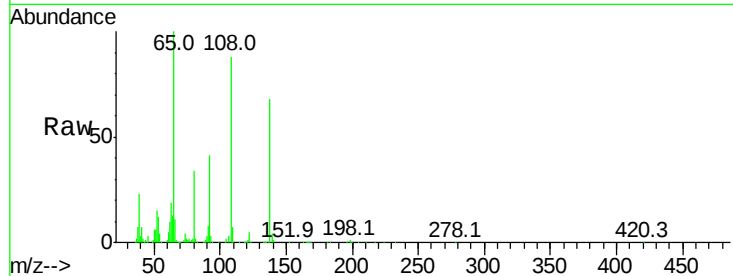
ClientSampled :

PB111134BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.5	30.2	70.2
108	129.7	52.5	92.5#

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#62

Azobenzene

Concen: 37.521 ng

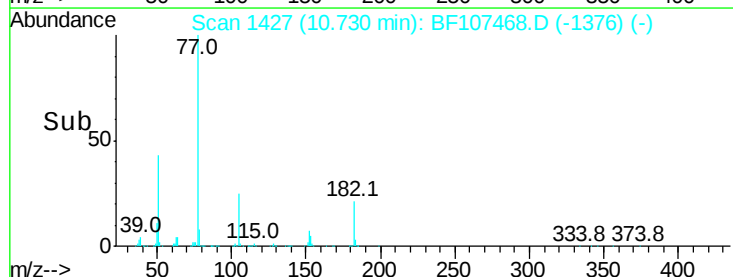
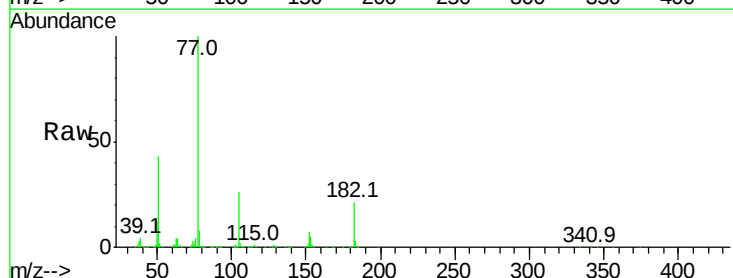
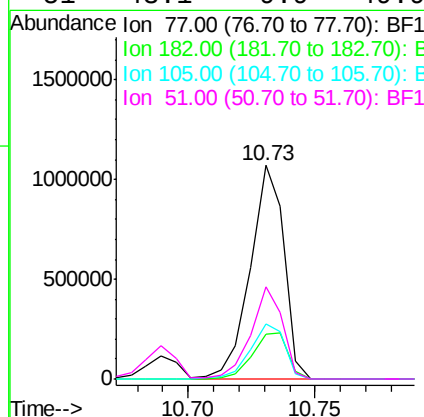
RT: 10.73 min Scan# 1427

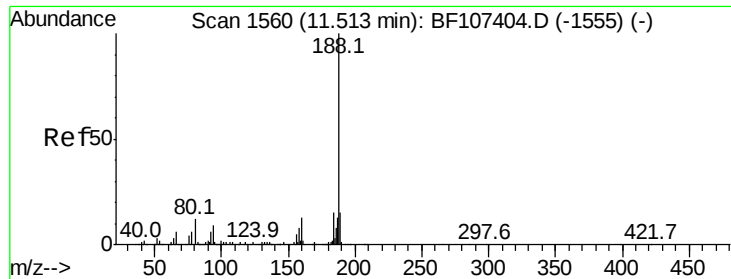
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.7	41.7
105	25.9	3.0	43.0
51	43.1	9.9	49.9





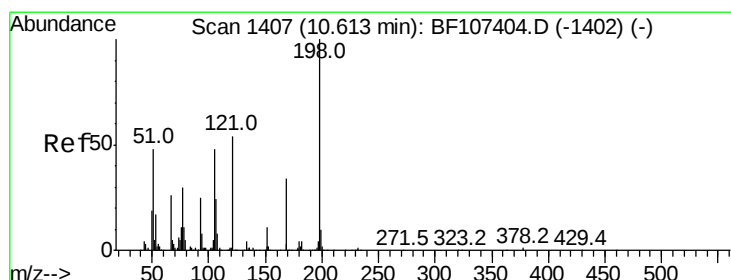
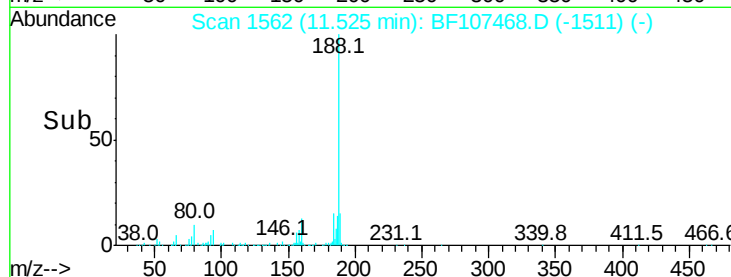
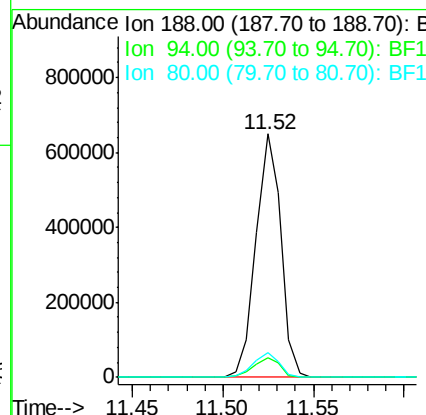
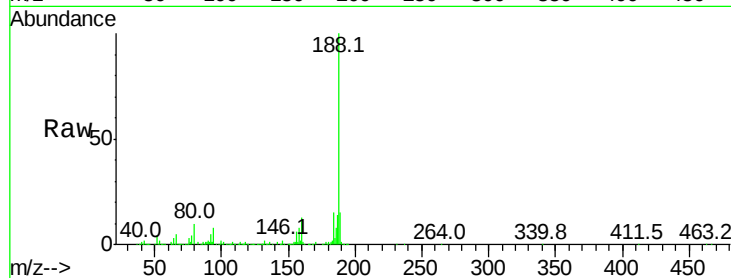
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	622222		
94	8.3		8.5	12.7#
80	10.1		9.2	13.8

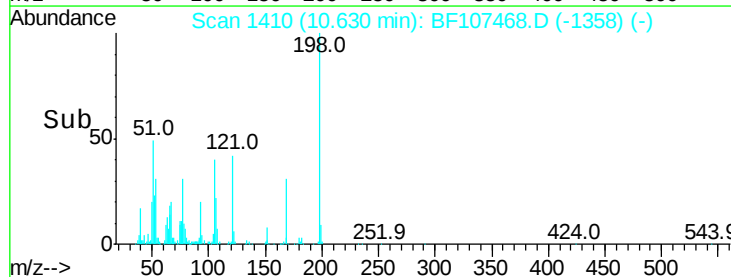
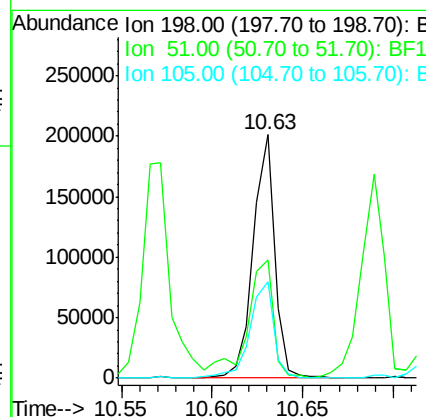
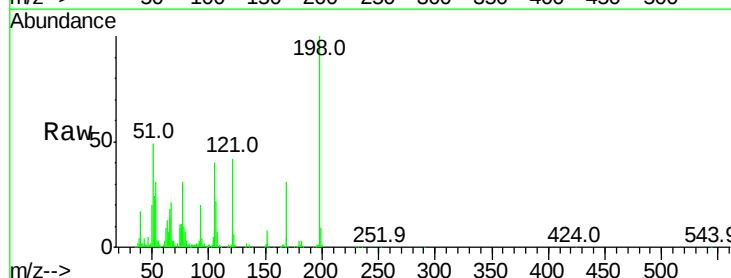
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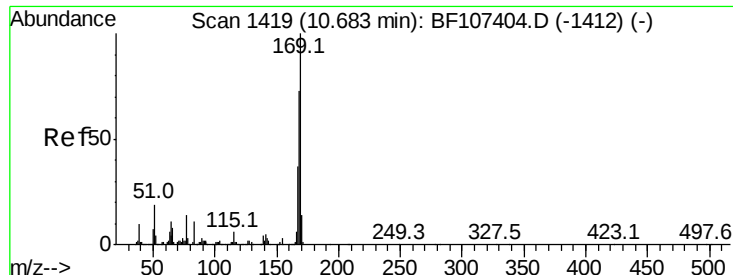
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.802 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	167174		
51	48.6		37.7	77.7
105	39.8		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.936 ng

RT: 10.69 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

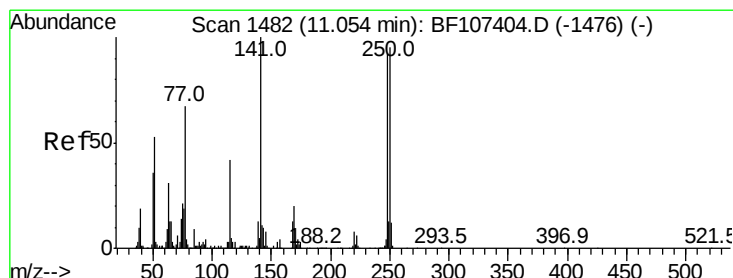
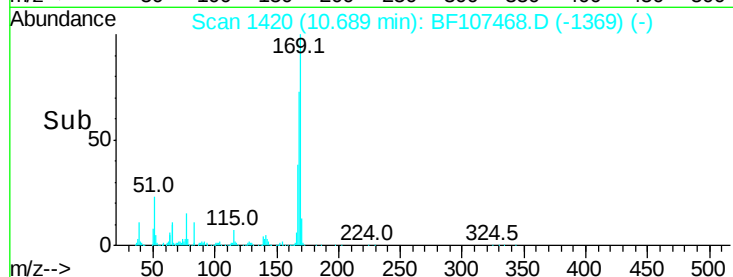
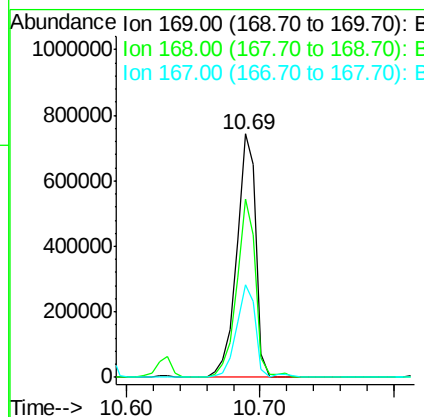
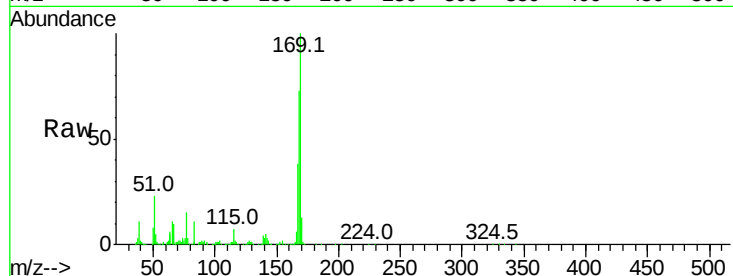
ClientSampleId :

PB111134BS

Tot Ion:	169	Resp:	745509
Ion Ratio	Lower	Upper	
169	100		
168	73.1	54.4	81.6
167	37.8	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 37.426 ng

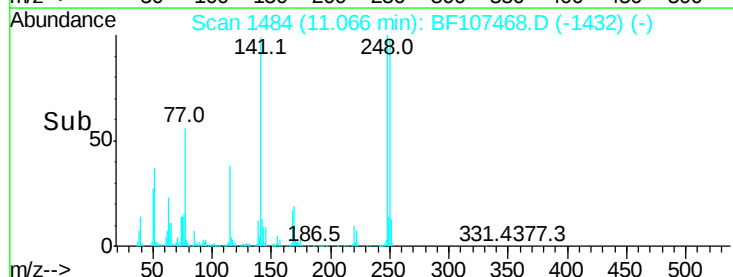
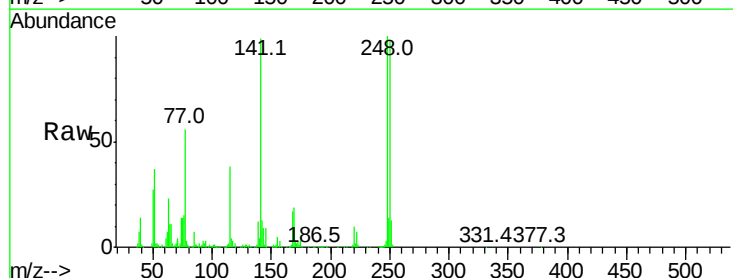
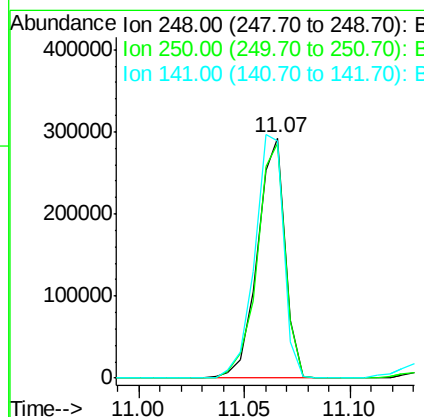
RT: 11.07 min Scan# 1484

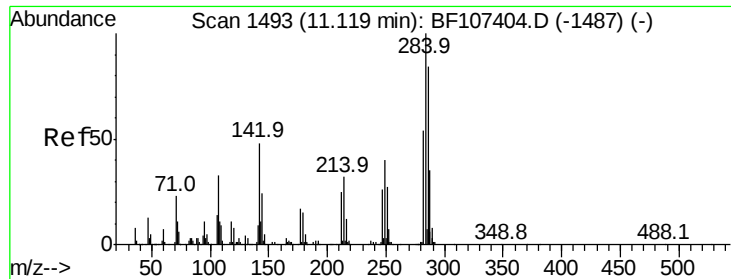
Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion:	248	Resp:	266431
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.9	115.3
141	98.6	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.399 ng

RT: 11.13 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

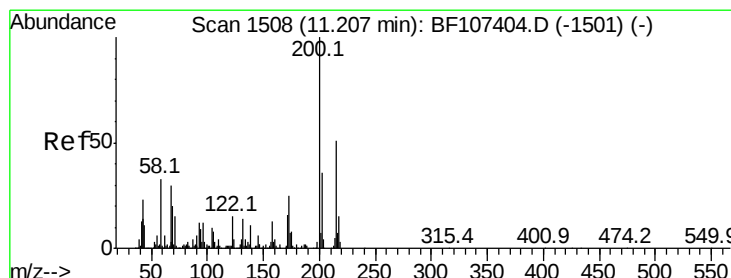
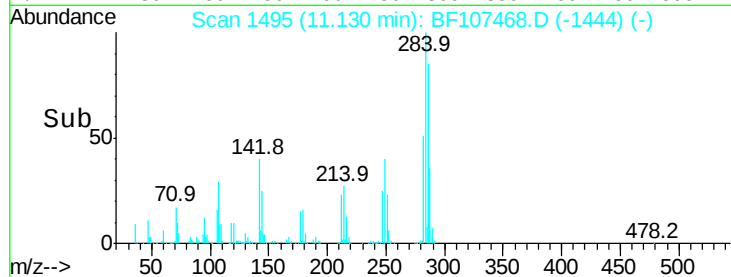
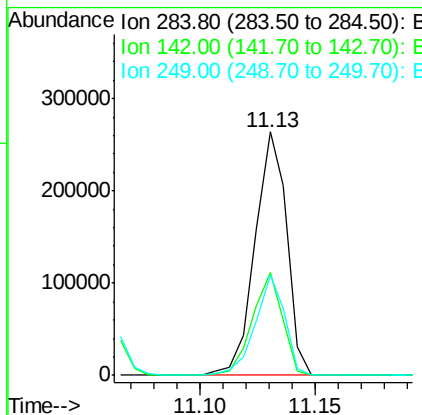
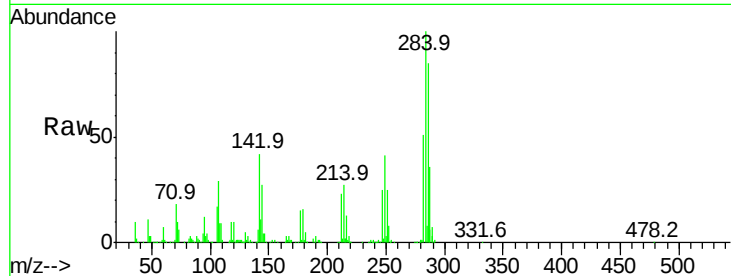
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.2	34.6	52.0	
249	41.3	24.8	37.2	

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#68

Atrazine

Concen: 39.446 ng

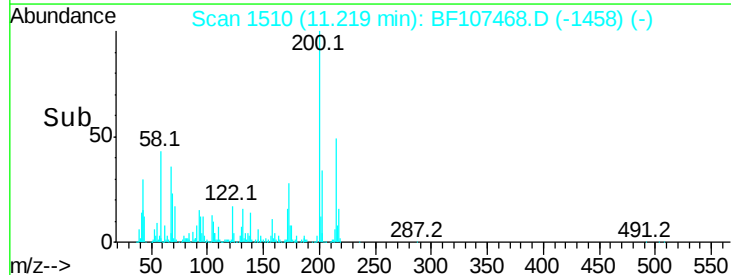
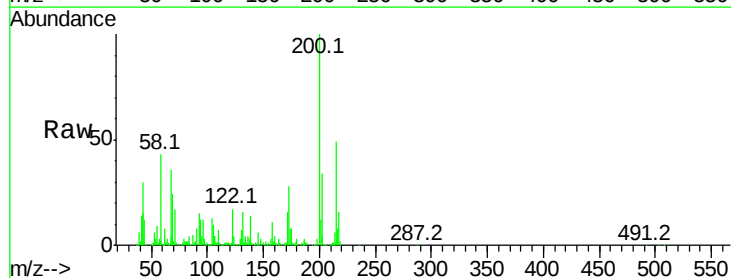
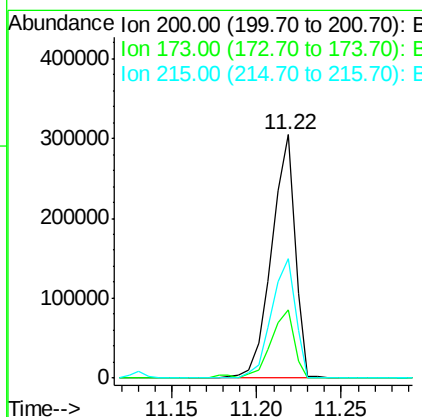
RT: 11.22 min Scan# 1510

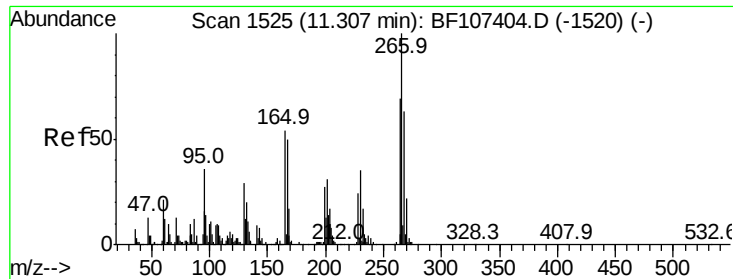
Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.0	8.6	48.6	
215	48.8	25.1	65.1	





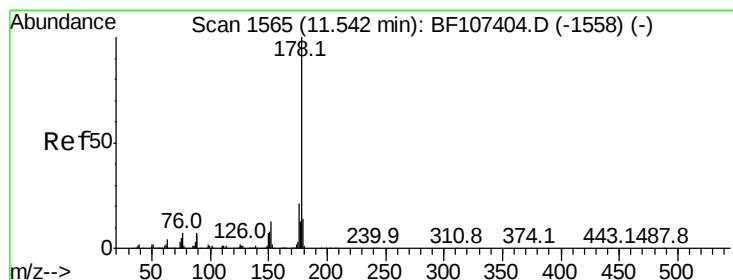
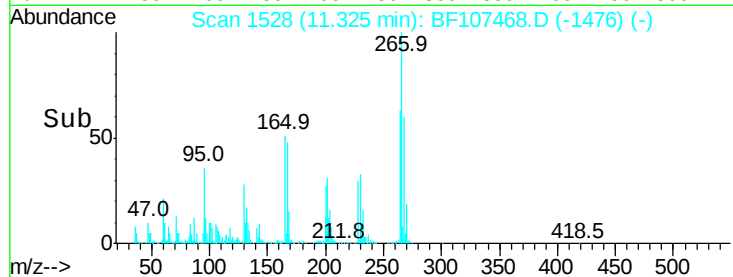
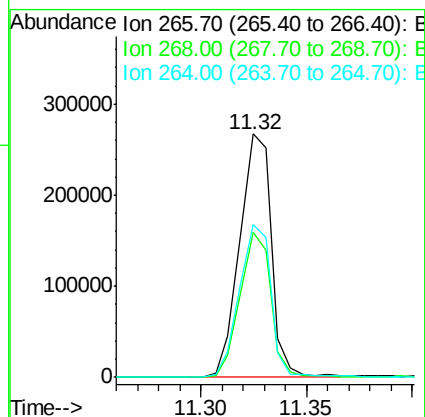
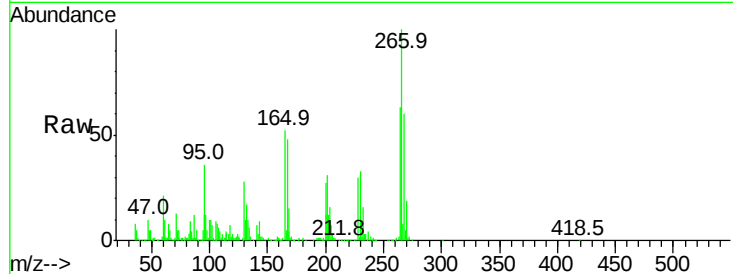
#69
 Pentachlorophenol
 Concen: 57.159 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	278346		
268	59.7		51.1	76.7
264	62.7		49.5	74.3

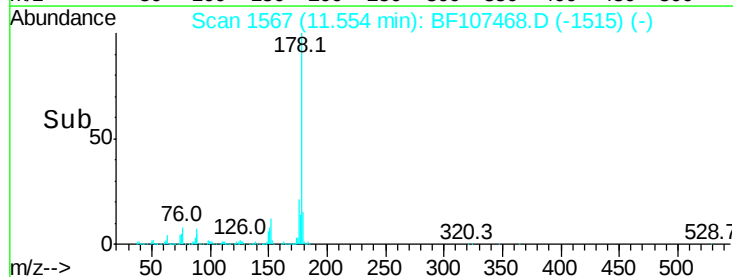
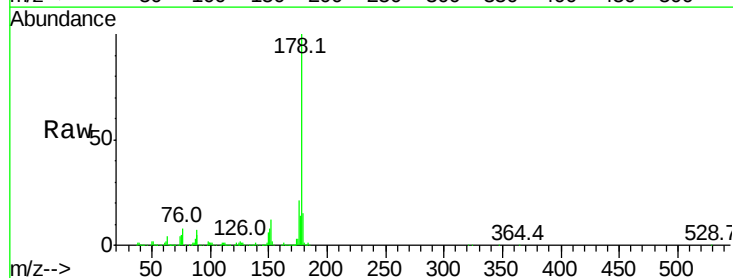
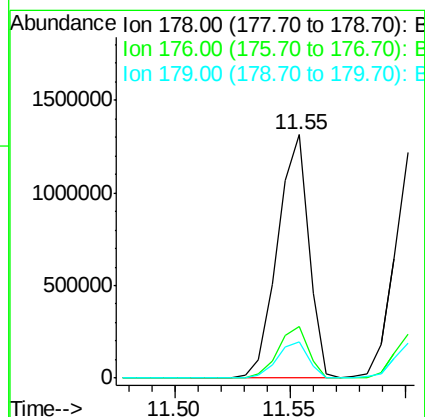
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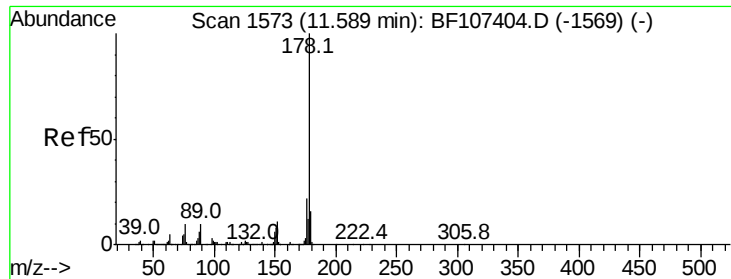
Sohil
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#70
 Phenanthrene
 Concen: 39.723 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1231761		
176	21.3		15.8	23.8
179	15.0		13.0	19.6





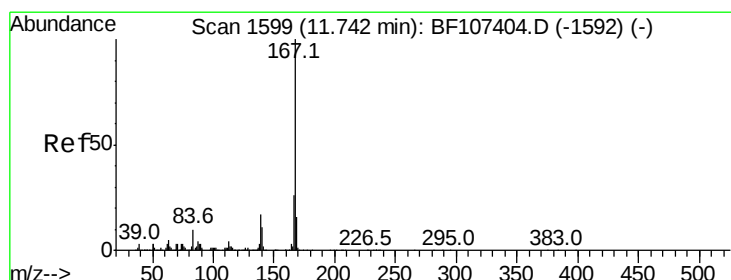
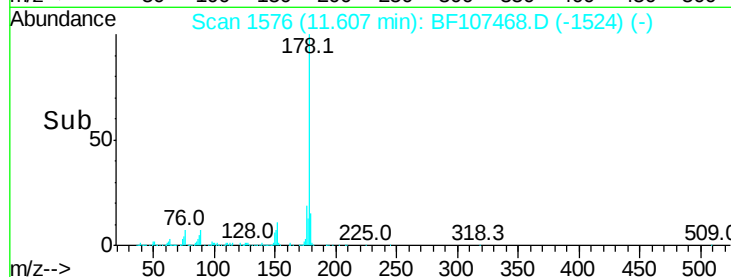
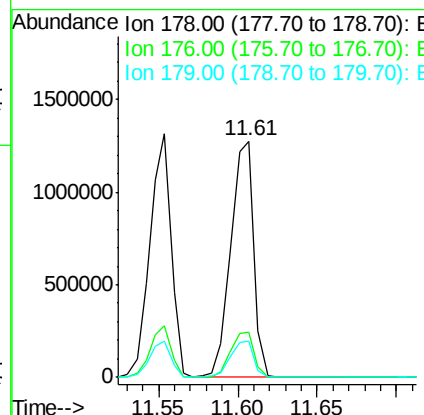
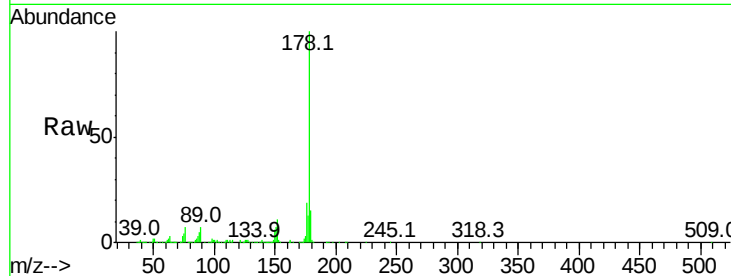
#71
 Anthracene
 Concen: 41.447 ng
 RT: 11.61 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.2	12.6	19.0

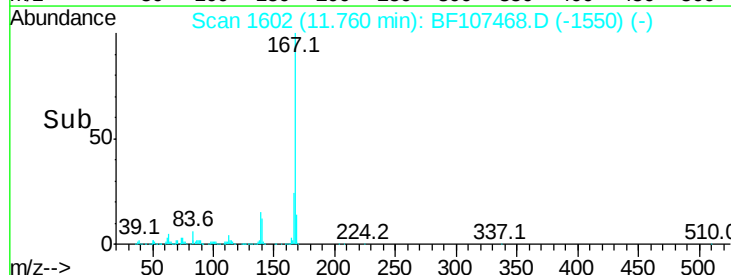
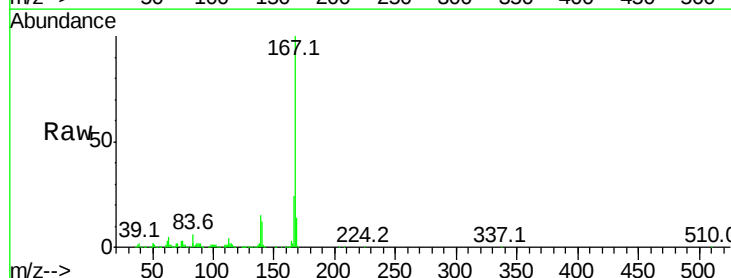
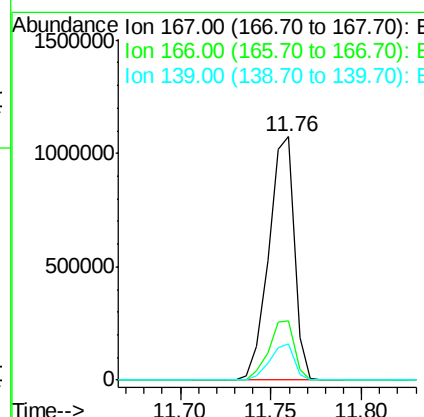
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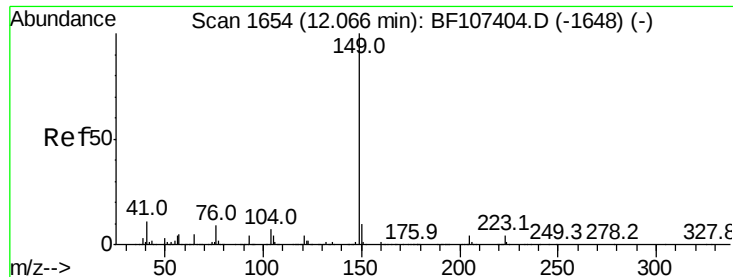
Sohil
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#72
 Carbazole
 Concen: 36.095 ng
 RT: 11.76 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.6	26.4
139	14.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.744 ng

RT: 12.07 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:149 Resp: 1402755

Ion Ratio Lower Upper

149 100

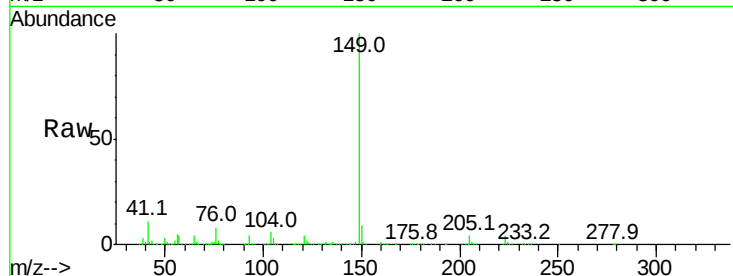
150 9.2 7.8 11.6

104 6.3 3.8 5.8#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.07

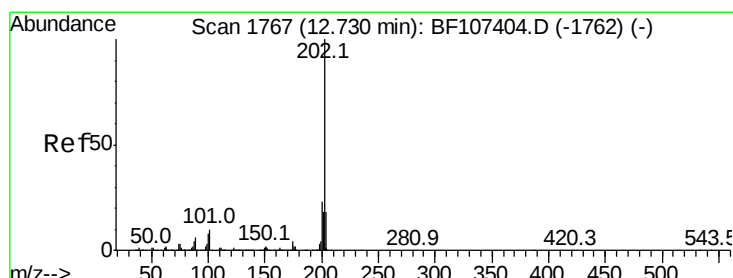
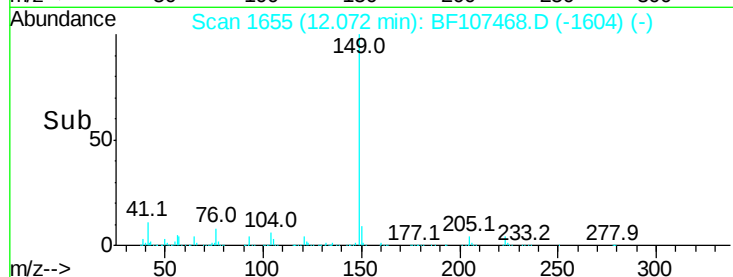
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 39.499 ng

RT: 12.74 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

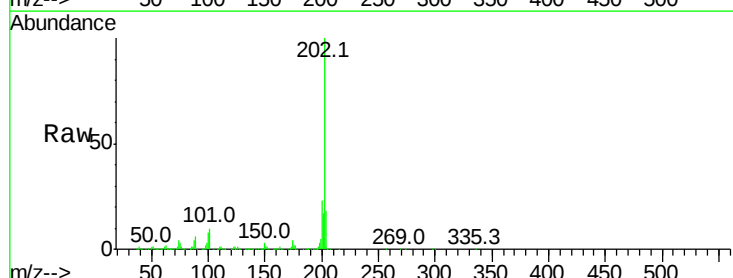
Tgt Ion:202 Resp: 1392111

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.74

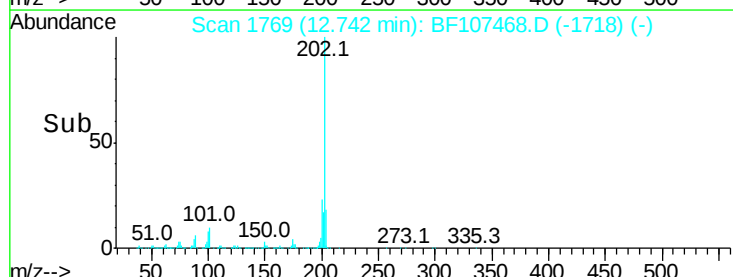
1500000

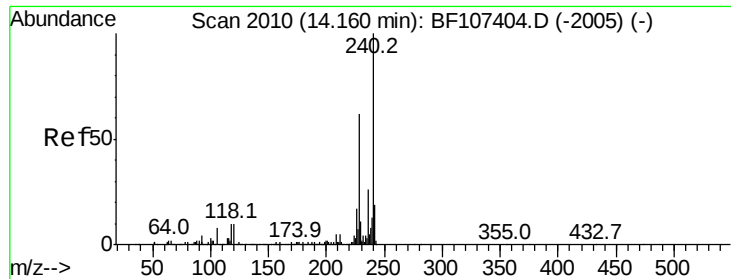
1000000

500000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

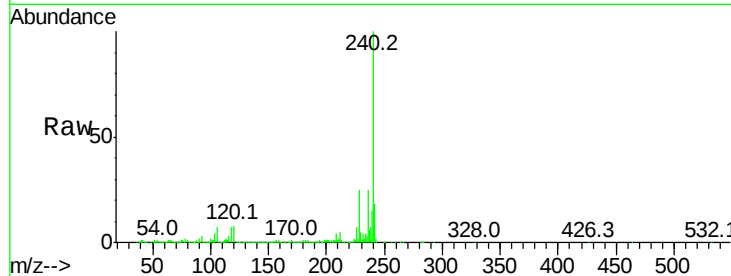
ClientSampleId :

PB111134BS

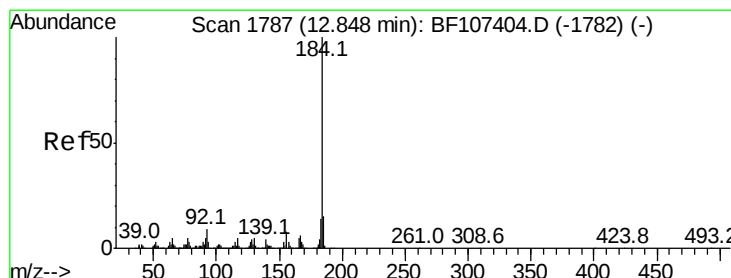
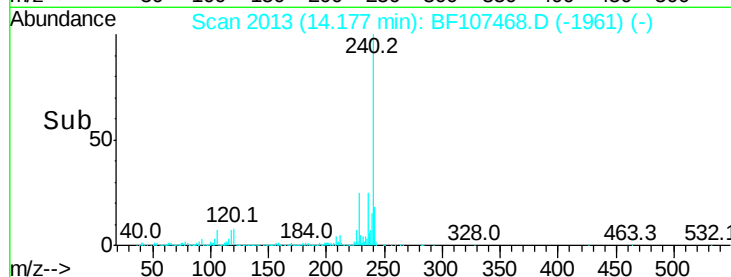
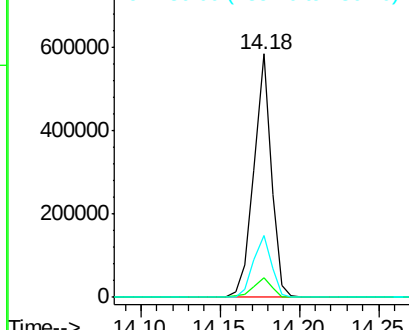
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	9.5	14.3#
236	25.5	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.817 ng

RT: 12.86 min Scan# 1789

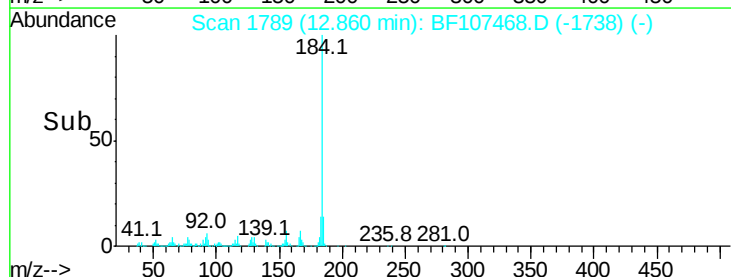
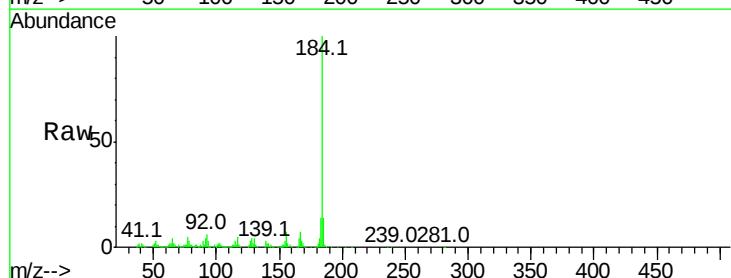
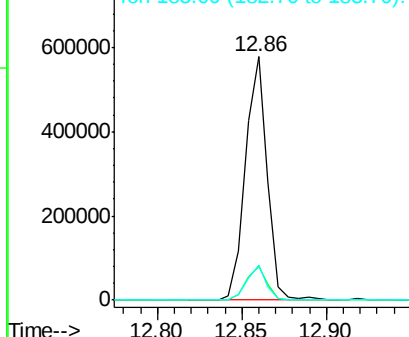
Delta R.T. 0.00 min

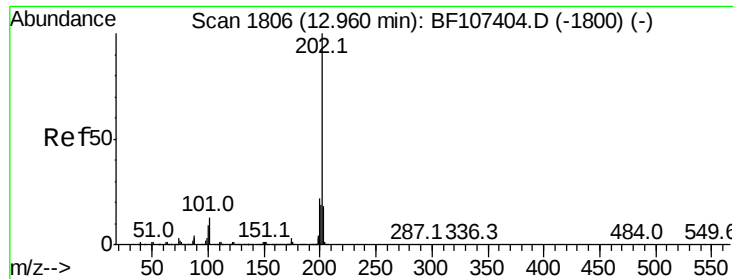
Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	14.4	9.3	13.9#

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.736 ng

RT: 12.98 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:202 Resp: 1367639

Ion Ratio Lower Upper

202 100

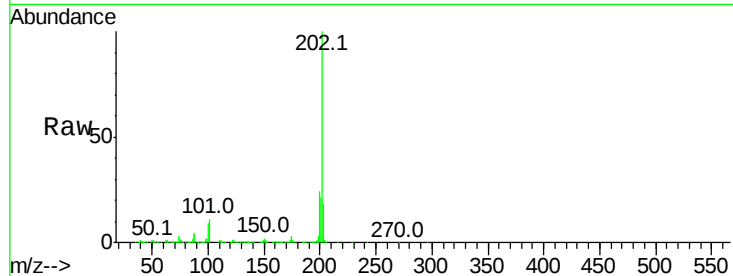
200 24.2 17.4 26.2

203 17.8 14.3 21.5

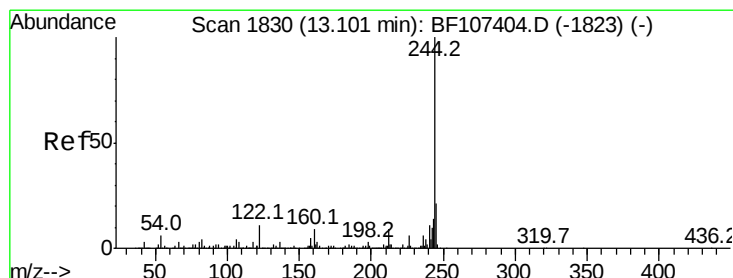
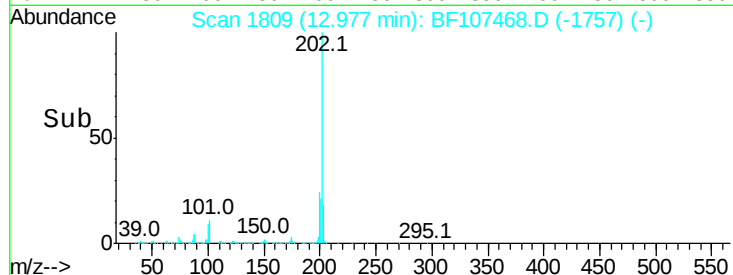
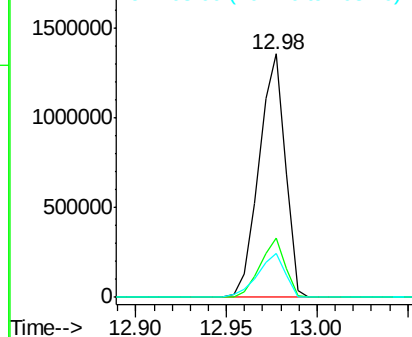
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 45.562 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

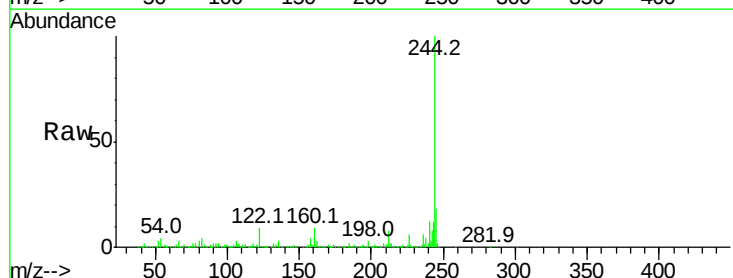
Tgt Ion:244 Resp: 824408

Ion Ratio Lower Upper

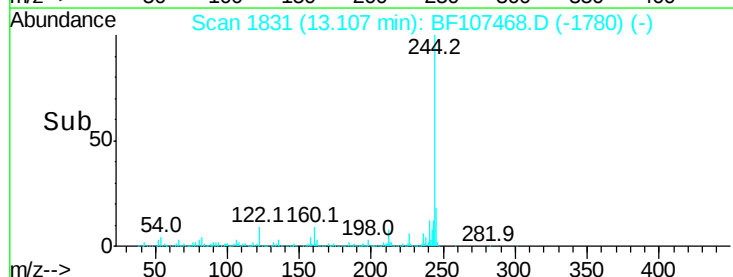
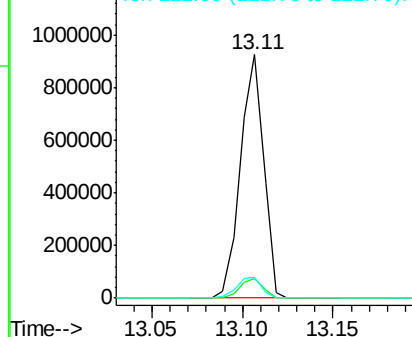
244 100

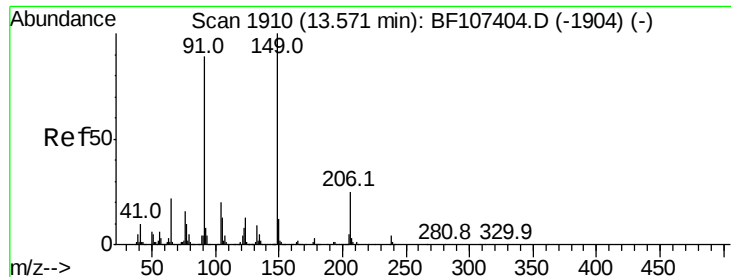
212 7.9 5.4 8.0

122 8.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.773 ng

RT: 13.58 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

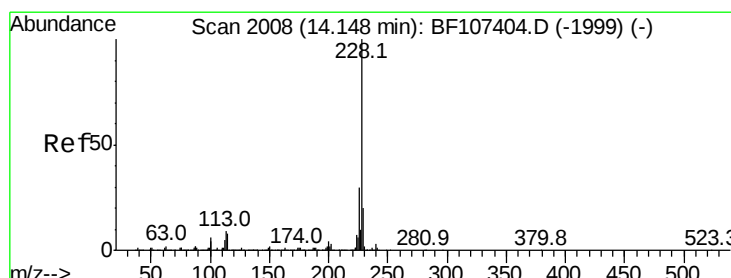
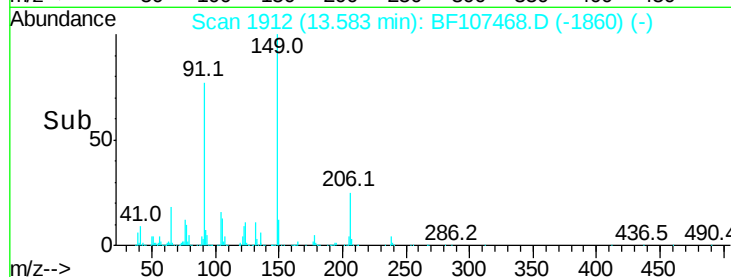
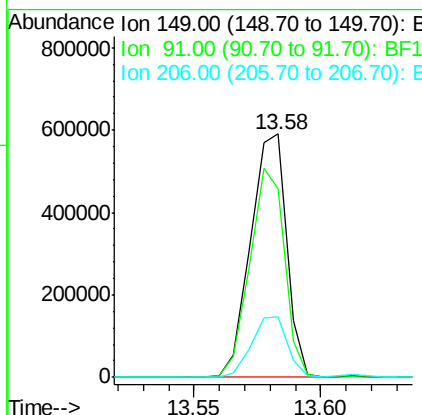
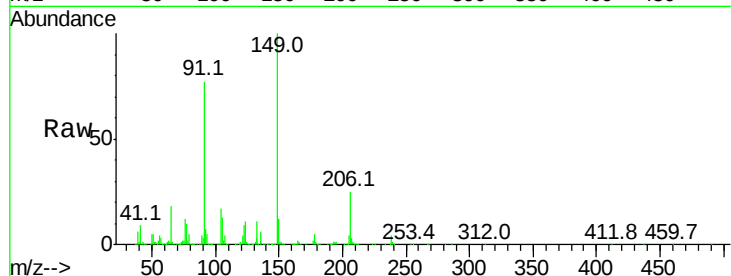
ClientSampleId :

PB111134BS

Tot Ion:	149	Resp:	587662
Ion Ratio	Lower	Upper	
149	100		
91	77.4	56.8	85.2
206	24.7	14.1	21.1#

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#80

Benzo(a)anthracene

Concen: 41.400 ng

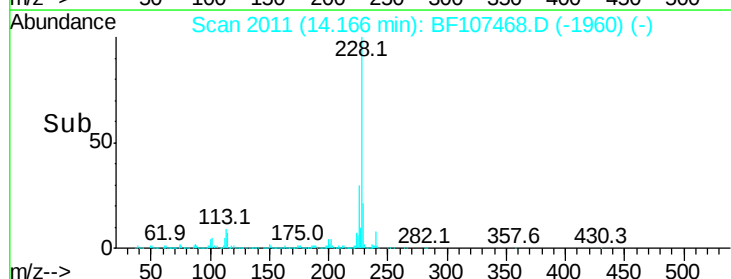
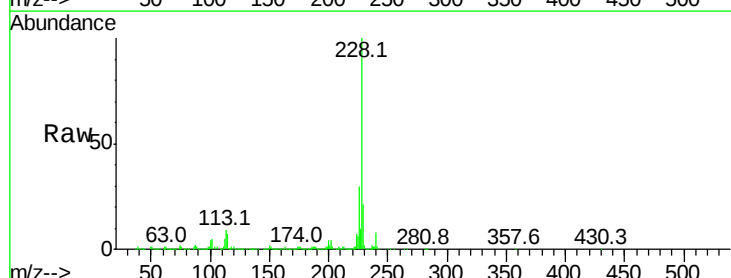
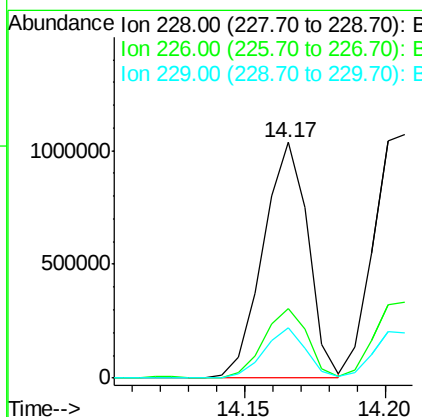
RT: 14.17 min Scan# 2011

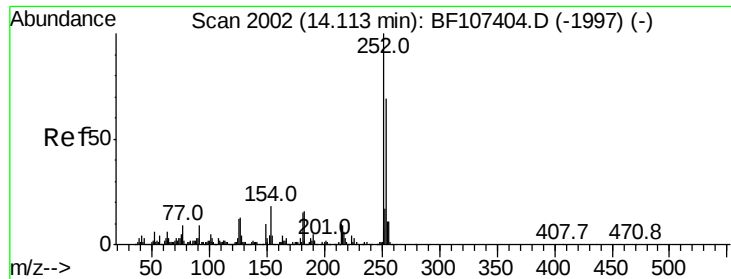
Delta R.T. 0.00 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion:	228	Resp:	1138780
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.6	33.8
229	21.1	15.8	23.6





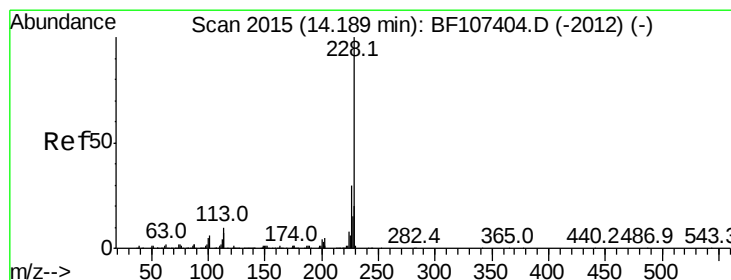
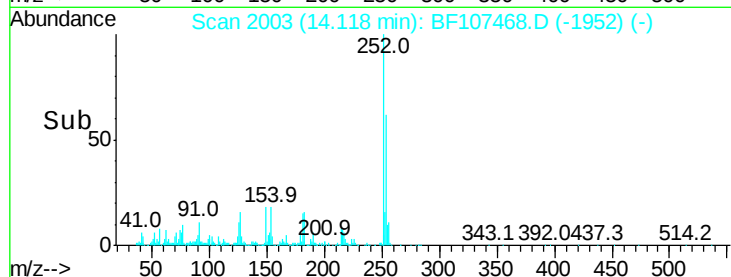
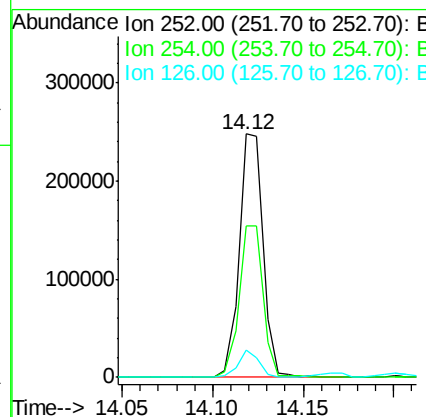
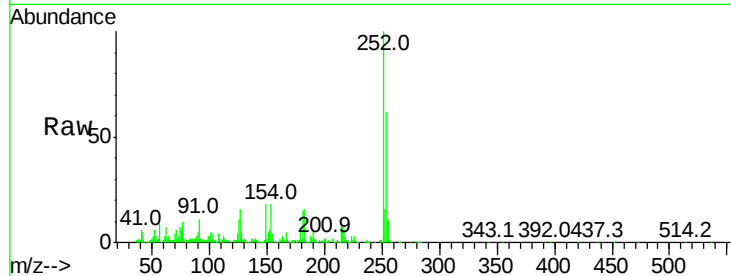
#81
 3,3'-Dichlorobenzidine
 Concen: 24.600 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	226938		
254	62.4		50.4	75.6
126	11.0		11.3	16.9#

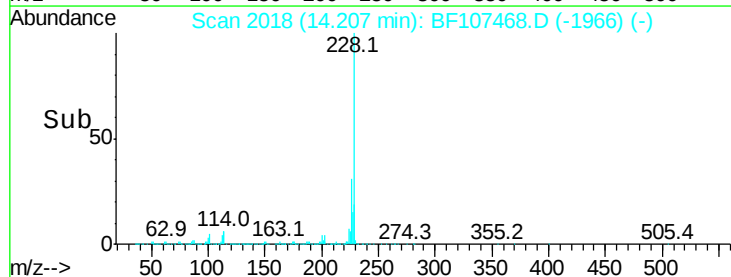
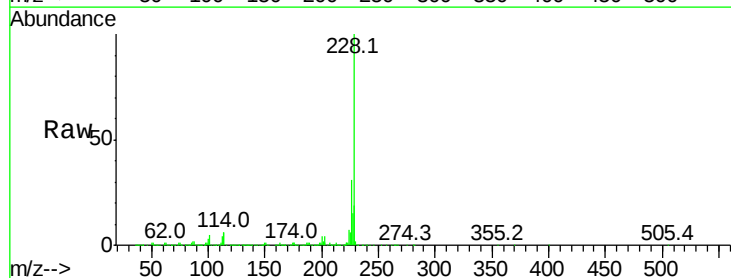
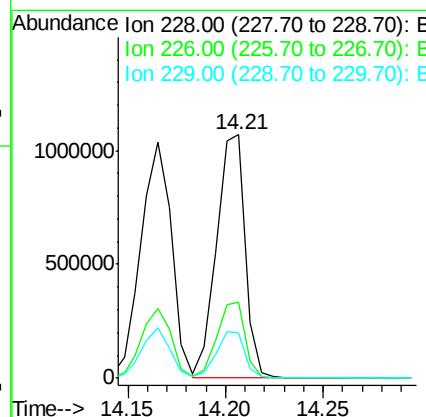
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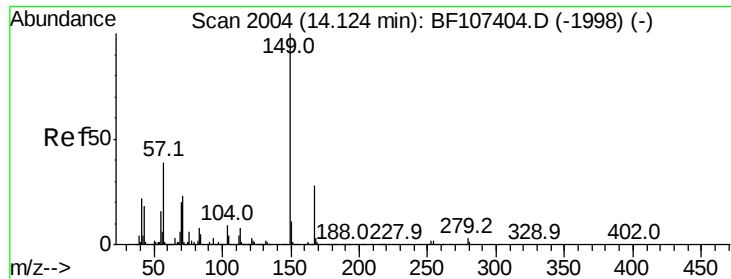
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#82
 Chrysene
 Concen: 41.295 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1085067		
226	31.4		25.0	37.6
229	18.5		16.2	24.4





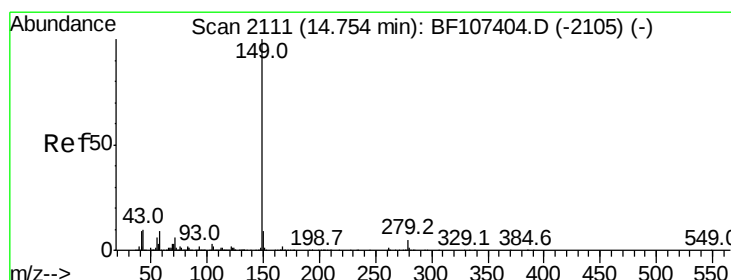
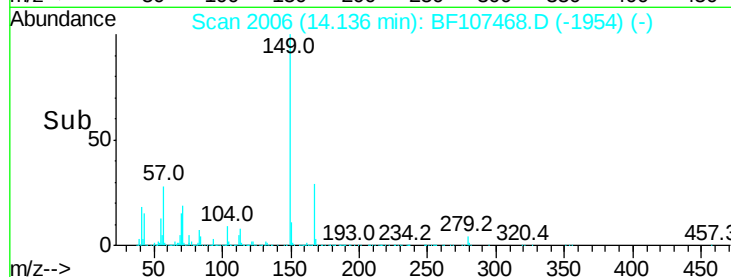
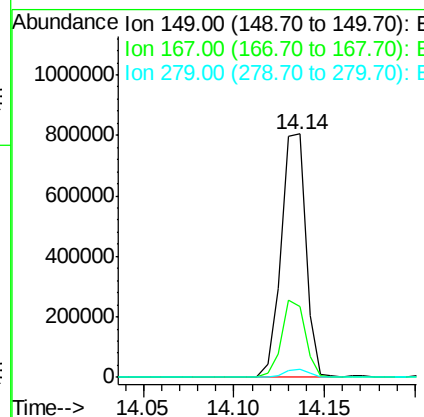
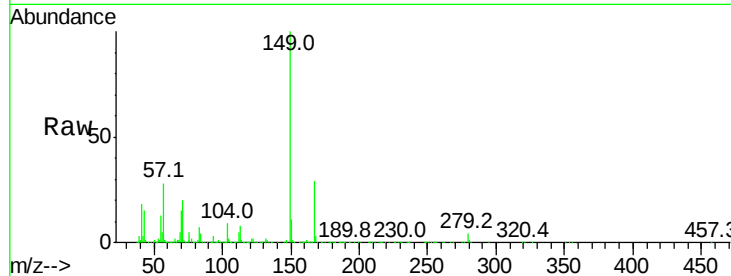
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.928 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.3	31.9
279	3.6	3.0	4.4

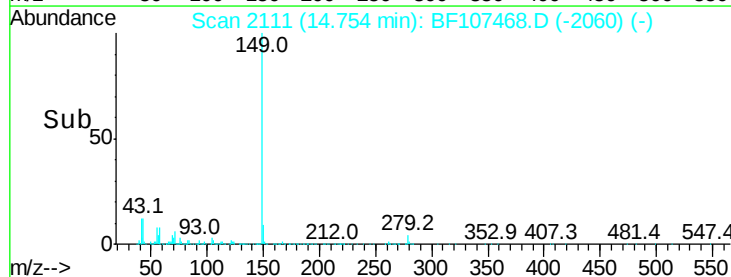
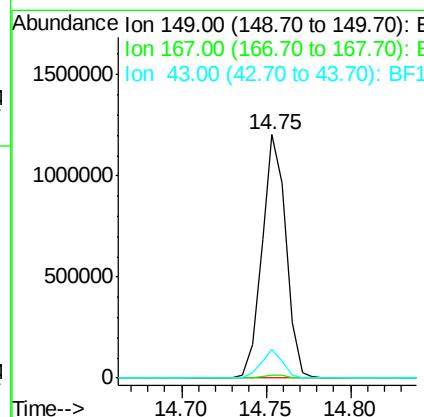
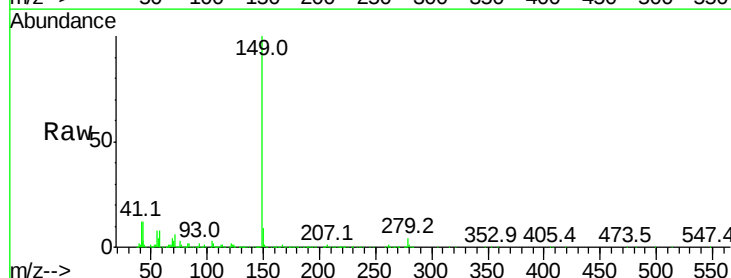
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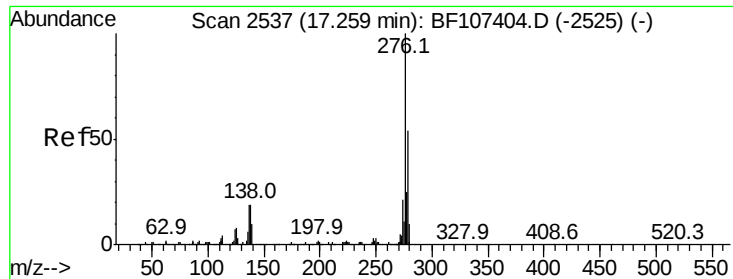
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#84
 Di-n-octyl phthalate
 Concen: 47.605 ng
 RT: 14.75 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.7	8.4	12.6





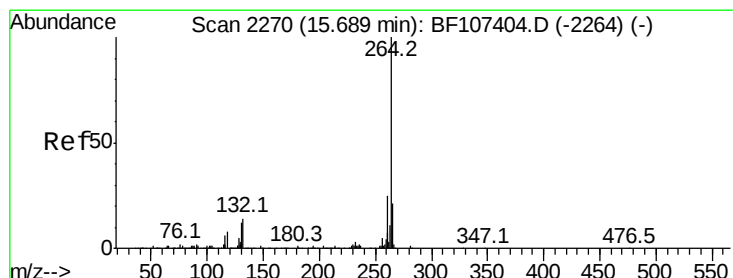
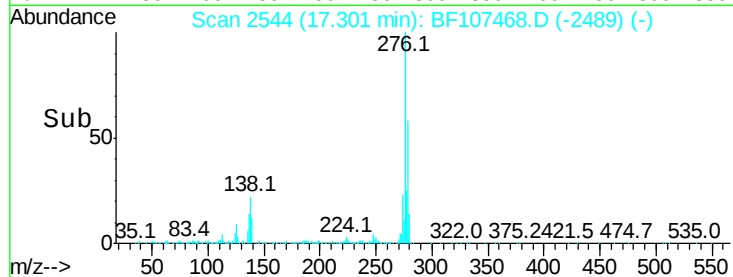
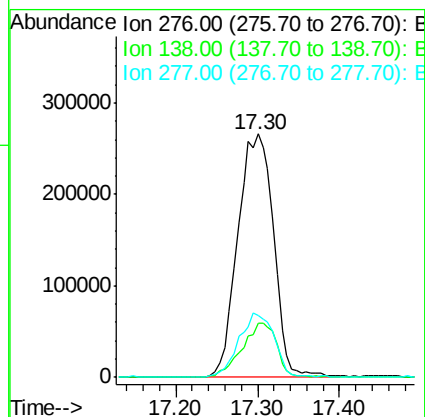
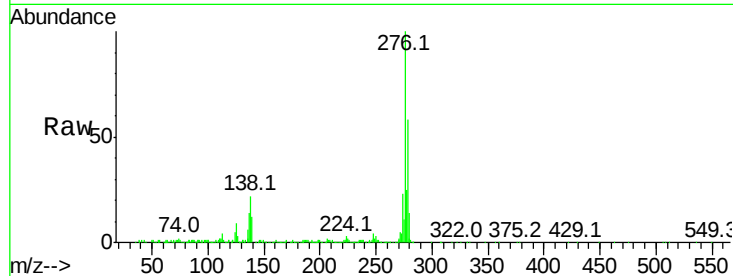
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.350 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	25.9	20.1	30.1

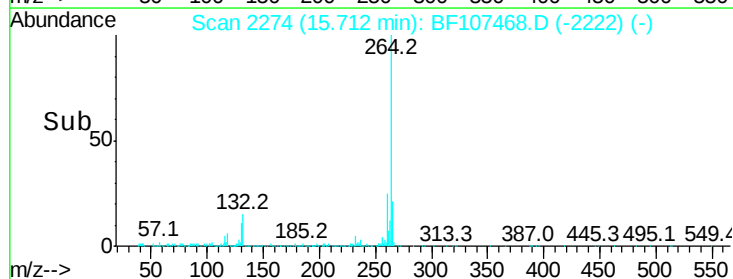
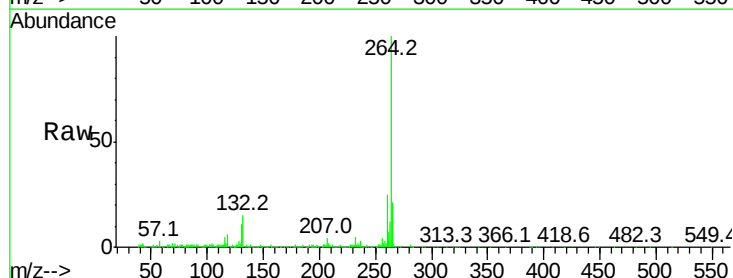
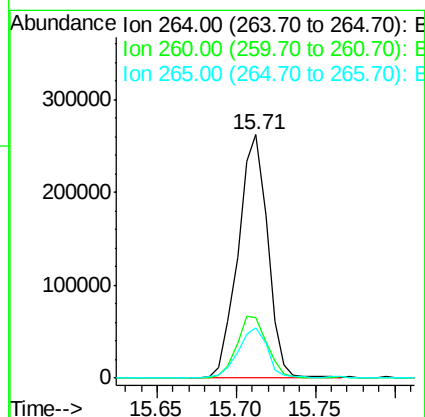
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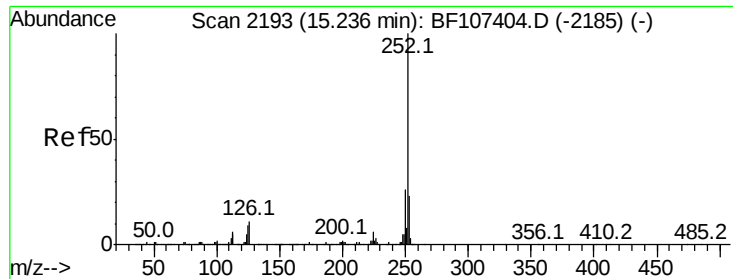
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.857 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Instrument :

BNA_F

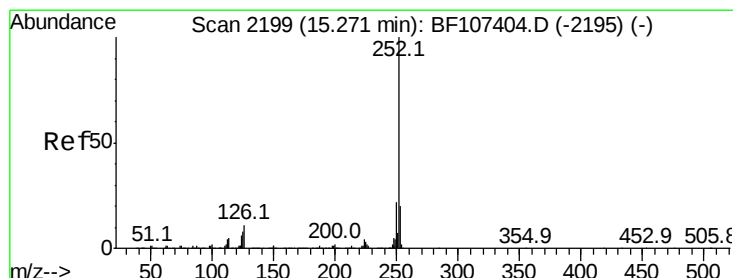
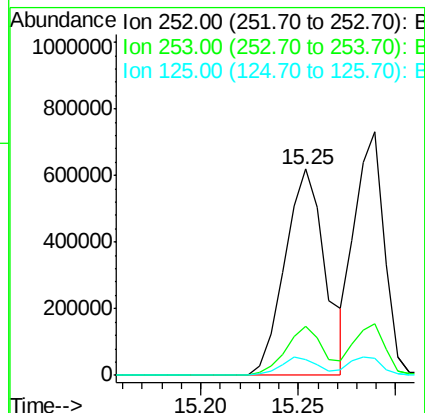
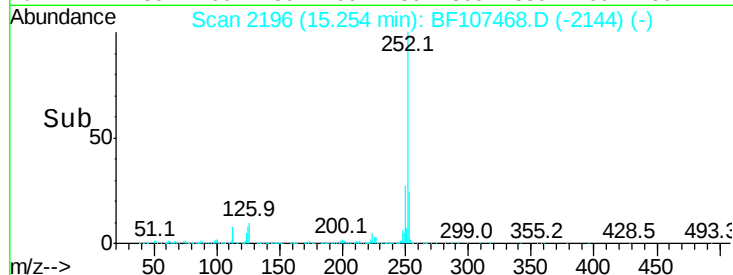
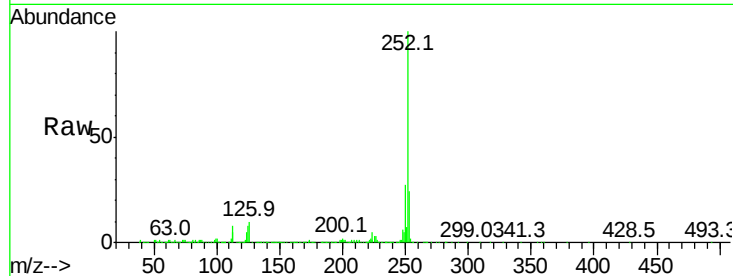
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	7.9	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 39.996 ng

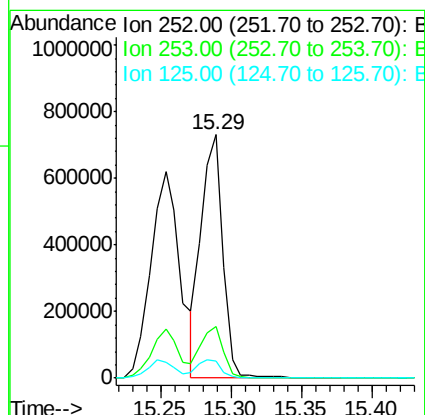
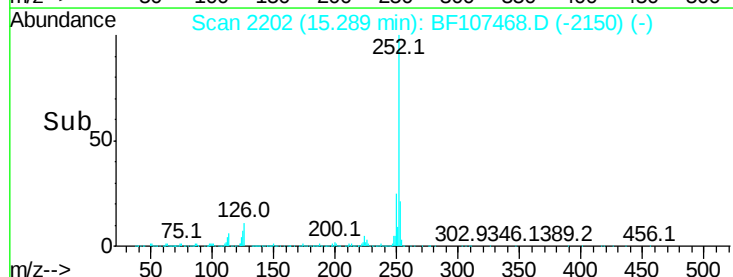
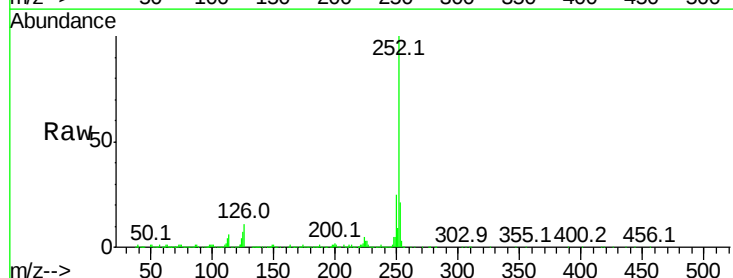
RT: 15.29 min Scan# 2202

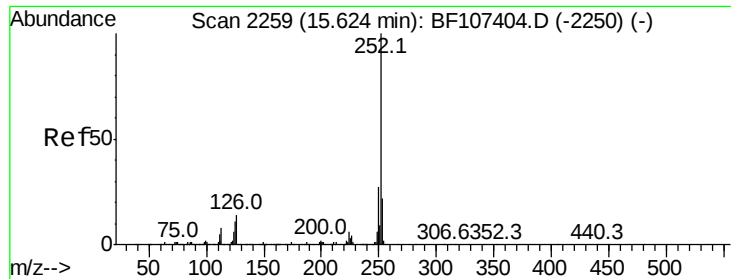
Delta R.T. 0.01 min

Lab File: BF107468.D

Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	6.8	10.2	15.2#





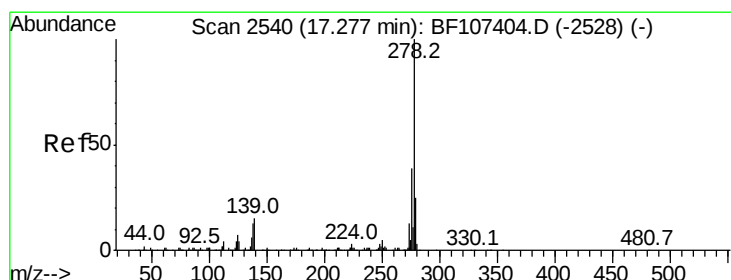
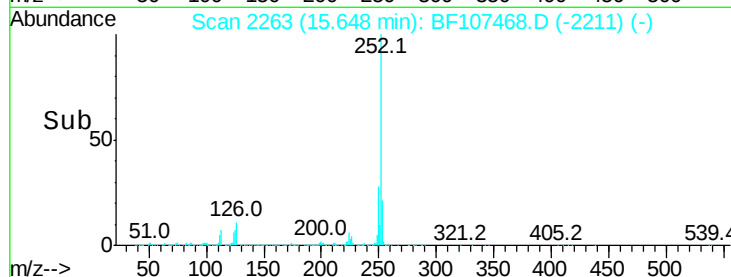
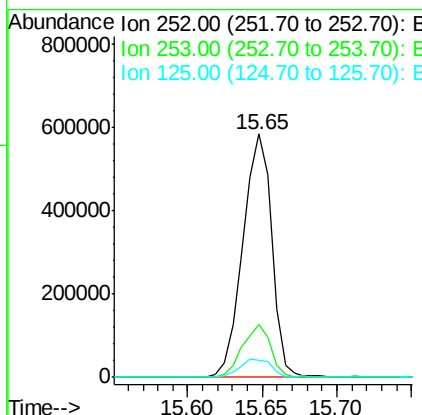
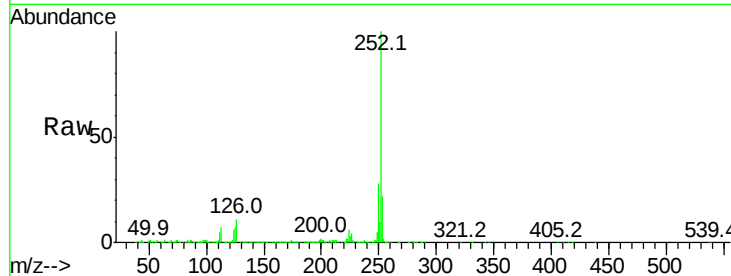
#89
Benzo(a)pyrene
Concen: 42.985 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.1	9.8	14.6

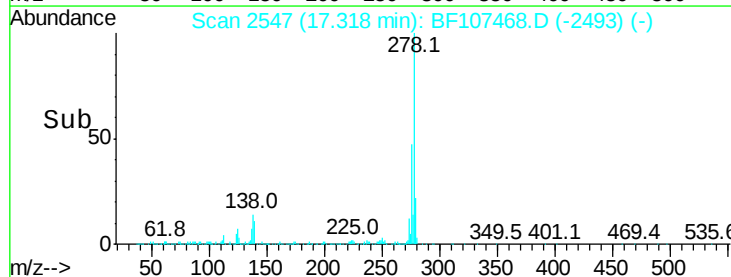
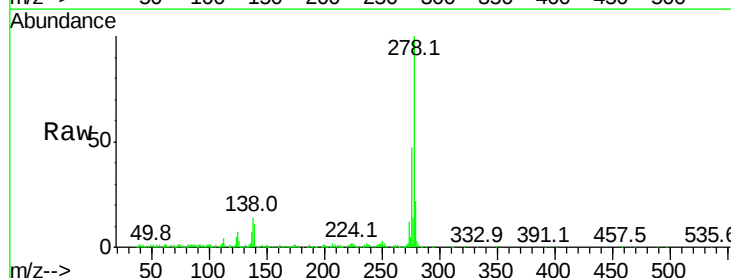
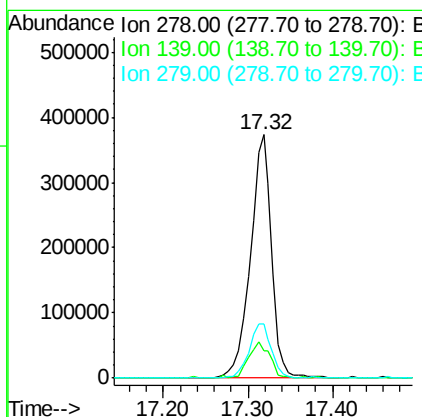
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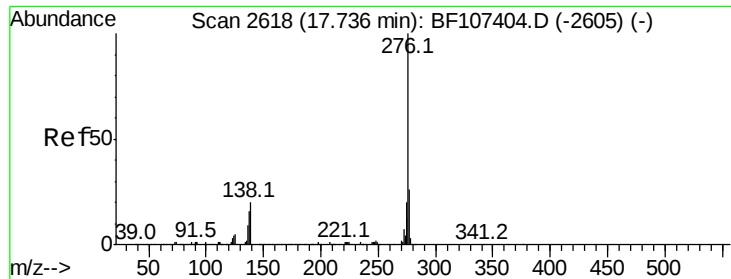
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#90
Dibenzo(a,h)anthracene
Concen: 47.801 ng
RT: 17.32 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BF107468.D
Acq: 18 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	15.9	23.9
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.196 ng
 RT: 17.78 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF107468.D
 Acq: 18 Jul 2018 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	18.5	21.8	32.8

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