

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109468.D
 Acq On : 29 Sep 2018 9:03
 Operator : JU/SJ
 Sample : PB113313BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:34 AM

Quant Time: Oct 01 04:03:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118298	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	444765	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	211830	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	388892	20.00	ng	0.00
75) Chrysene-d12	13.84	240	208168	20.00	ng	0.00
86) Perylene-d12	15.24	264	223781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	648409	90.28	ng	0.02
7) Phenol-d6	6.36	99	826457	90.18	ng	0.00
23) Nitrobenzene-d5	7.27	82	760612	100.95	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	202769	97.10	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1316445	93.73	ng	0.00
78) Terphenyl-d14	12.80	244	1191029	140.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	120018	36.283	ng	94
3) Pyridine	3.19	79	326166	38.311	ng	91
4) n-Nitrosodimethylamine	3.13	42	167548	46.244	ng	# 97
6) Aniline	6.37	93	276559	23.586	ng	# 1
8) 2-Chlorophenol	6.50	128	350709	43.910	ng	97
9) Benzaldehyde	6.25	77	199334	33.857	ng	95
10) Phenol	6.37	94	421133	40.576	ng	75
11) bis(2-Chloroethyl)ether	6.45	93	330044	40.639	ng	98
12) 1,3-Dichlorobenzene	6.65	146	371875	40.439	ng	99
13) 1,4-Dichlorobenzene	6.73	146	377108	40.705	ng	98
14) 1,2-Dichlorobenzene	6.88	146	346149	40.503	ng	100
15) Benzyl Alcohol	6.86	79	303720	43.295	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	455939	39.579	ng	91
17) 2-Methylphenol	6.97	107	290331	44.925	ng	# 93
18) Hexachloroethane	7.22	117	125196	38.357	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	249201	41.497	ng	98
20) 3+4-Methylphenols	7.13	107	349661	44.814	ng	# 79
22) Acetophenone	7.12	105	484615	47.128	ng	# 95
24) Nitrobenzene	7.29	77	373166	46.581	ng	97
25) Isophorone	7.53	82	690657	50.906	ng	96
26) 2-Nitrophenol	7.61	139	160669	50.714	ng	98
27) 2,4-Dimethylphenol	7.66	122	317848	53.766	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	425896	47.421	ng	99
29) 2,4-Dichlorophenol	7.86	162	294657	47.440	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	301781	43.482	ng	97
31) Naphthalene	8.02	128	973732	46.851	ng	99
32) Benzoic acid	7.78	122	134919m	35.626	ng	
33) 4-Chloroaniline	8.06	127	89645	9.873	ng	97
34) Hexachlorobutadiene	8.13	225	180324	43.098	ng	98
35) Caprolactam	8.45	113	98864m	49.855	ng	
36) 4-Chloro-3-methylphenol	8.56	107	318817	48.779	ng	99
37) 2-Methylnaphthalene	8.70	142	661244	49.353	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	296249	43.944	ng	98
40) Hexachlorocyclopentadiene	8.86	237	191179	65.017	ng	97

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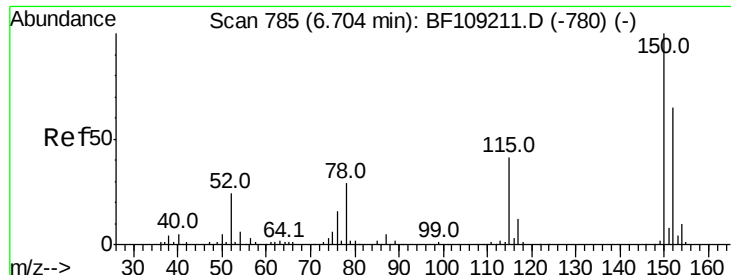
Manual Integrations
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 10/1/2018 9:57:34 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	203462	47.024	nq	100
43) 2,4,5-Trichlorophenol	9.03	196	215657	47.193	nq	98
45) 1,1'-Biphenyl	9.17	154	778943	45.132	nq	98
46) 2-Chloronaphthalene	9.19	162	606647	43.998	nq	98
47) 2-Nitroaniline	9.29	65	199049	50.919	nq	93
48) Acenaphthylene	9.60	152	975349	46.891	nq	100
49) Dimethylphthalate	9.47	163	731923	47.506	nq	100
50) 2,6-Dinitrotoluene	9.53	165	155433	50.938	nq	96
51) Acenaphthene	9.77	154	564207	44.865	nq	98
52) 3-Nitroaniline	9.69	138	109979	31.122	nq	92
53) 2,4-Dinitrophenol	9.80	184	48775	48.788	nq #	20
54) Dibenzofuran	9.95	168	822151	43.960	nq	97
55) 4-Nitrophenol	9.87	139	214411	80.544	nq	89
56) 2,4-Dinitrotoluene	9.93	165	196367	50.860	nq #	91
57) Fluorene	10.29	166	624149	46.773	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	170451	47.109	nq	90
59) Diethylphthalate	10.17	149	709266	45.460	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	297503	42.685	nq	96
61) 4-Nitroaniline	10.31	138	156517	45.417	nq	97
62) Azobenzene	10.44	77	705795	43.541	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	44112	31.011	nq	77
65) n-Nitrosodiphenylamine	10.40	169	602897	46.922	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	202857	46.974	nq #	89
67) Hexachlorobenzene	10.84	284	209148	45.601	nq #	91
68) Atrazine	10.93	200	197500	49.979	nq	96
69) Pentachlorophenol	11.03	266	173233	63.107	nq	98
70) Phenanthrene	11.24	178	906603	46.690	nq	99
71) Anthracene	11.30	178	934130	47.431	nq	100
72) Carbazole	11.45	167	832659	42.494	nq	100
73) Di-n-butylphthalate	11.79	149	1049123	46.508	nq	99
74) Fluoranthene	12.43	202	903033	43.518	nq	96
76) Benzidine	12.54	184	337620	44.983	nq	98
77) Pyrene	12.65	202	878780	58.903	nq	99
79) Butylbenzylphthalate	13.27	149	385260	60.698	nq	98
80) Benzo(a)anthracene	13.83	228	584955	46.652	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	152827	32.071	nq	97
82) Chrysene	13.87	228	584991	47.072	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	444303	55.504	nq	100
84) Di-n-octyl phthalate	14.44	149	686644	50.169	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	606252	60.184	nq #	93
87) Benzo(b)fluoranthene	14.85	252	570790	46.419	nq	97
88) Benzo(k)fluoranthene	14.88	252	560209m	48.010	nq	
89) Benzo(a)pyrene	15.19	252	551123	49.739	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	508030	55.888	nq #	96
91) Benzo(g,h,i)perylene	17.01	276	487921	54.615	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

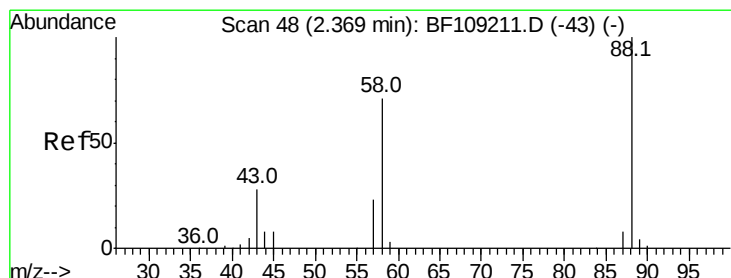
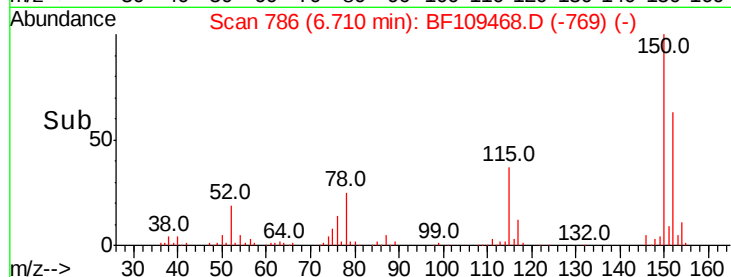
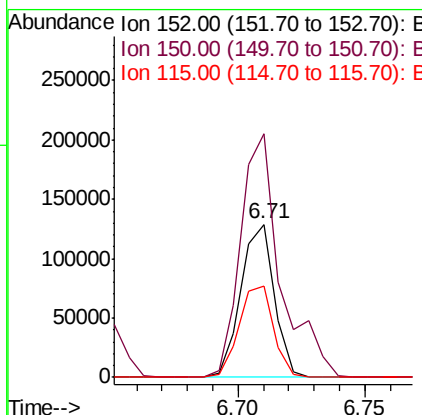
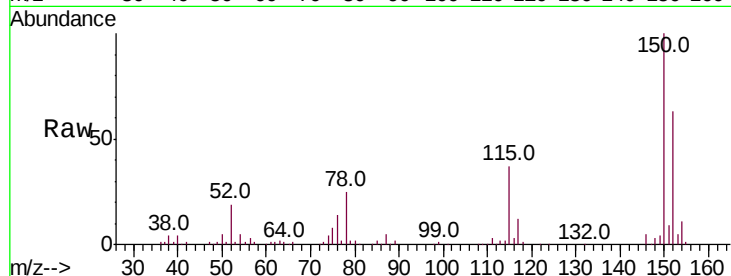
ClientSampled :

PB113313BS

Tot Ion:	152	Resp:	118298
Ion Ratio	Lower	Upper	
152	100		
150	158.8	124.6	186.8
115	59.2	50.1	75.1

Manual Integrations
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#2

1,4-Dioxane

Concen: 36.283 ng

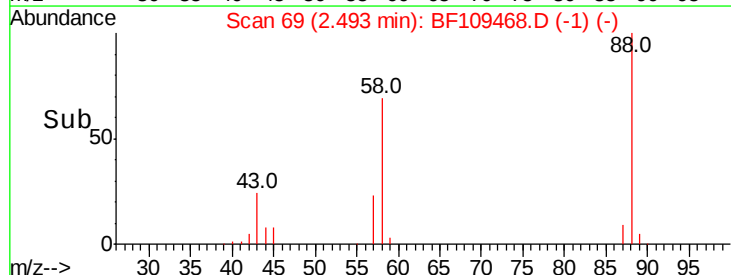
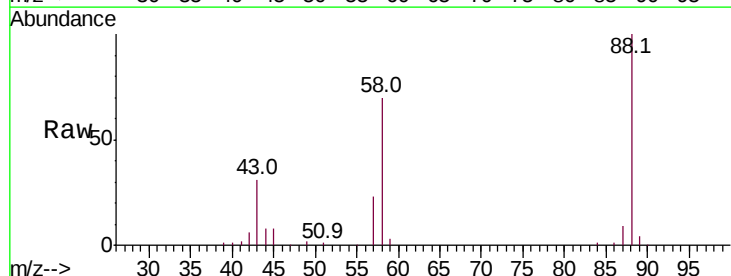
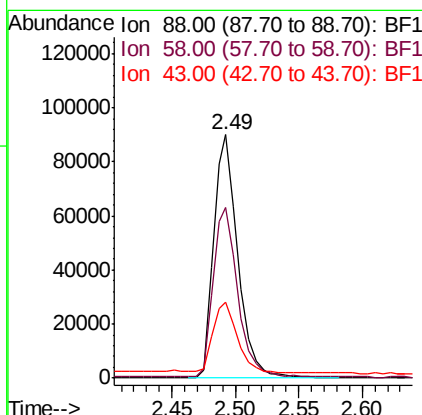
RT: 2.49 min Scan# 69

Delta R.T. 0.12 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	88	Resp:	120018
Ion Ratio	Lower	Upper	
88	100		
58	72.1	62.6	93.8
43	29.4	24.6	37.0





#3

Pvridine

Concen: 38.311 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.12 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

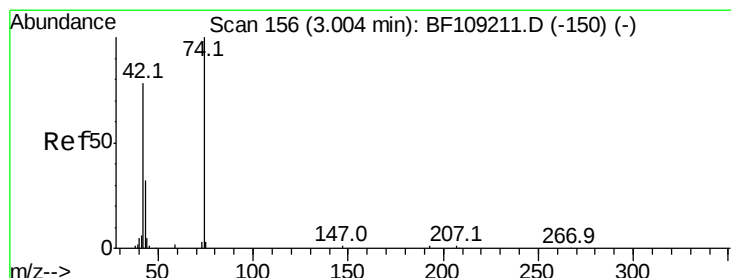
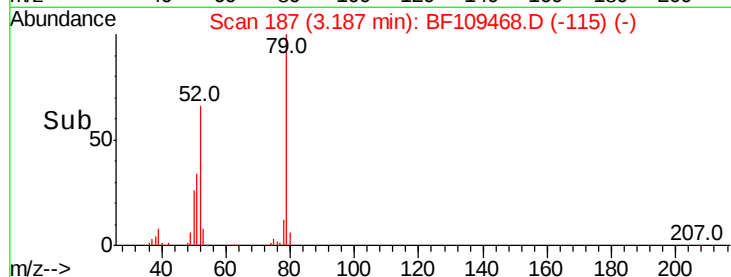
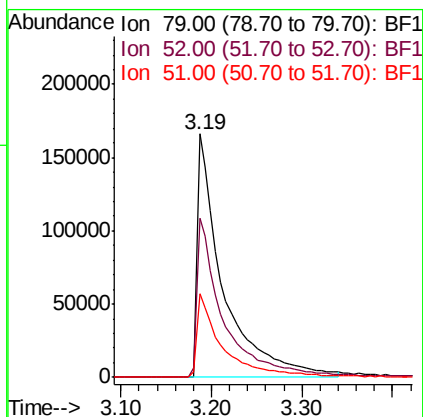
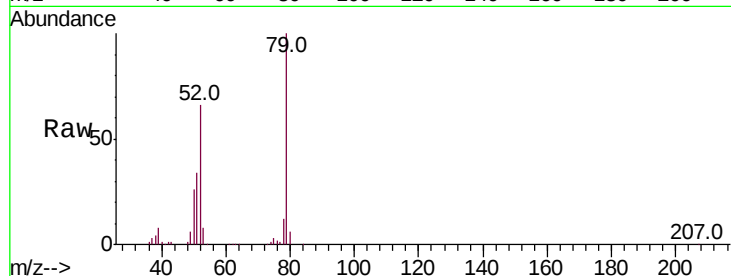
ClientSampleId :

PB113313BS

Tot Ion:	79	Resp:	326166
Ion Ratio	Lower	Upper	
79	100		
52	65.6	59.8	89.6
51	34.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 46.244 ng

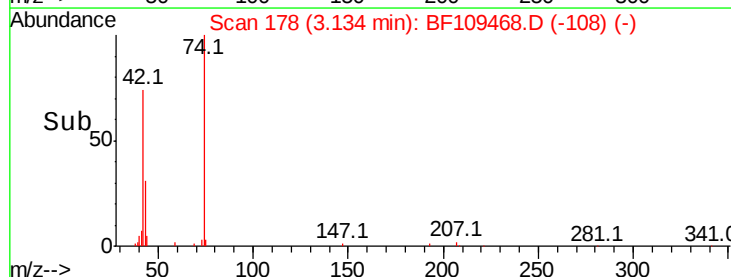
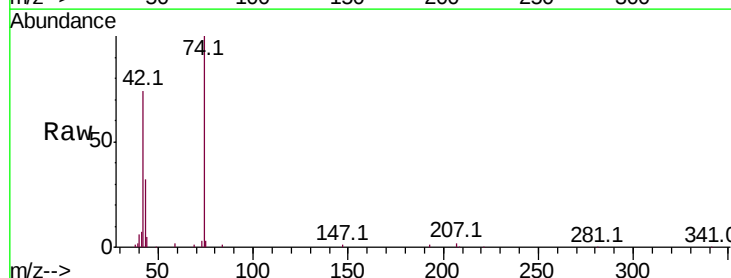
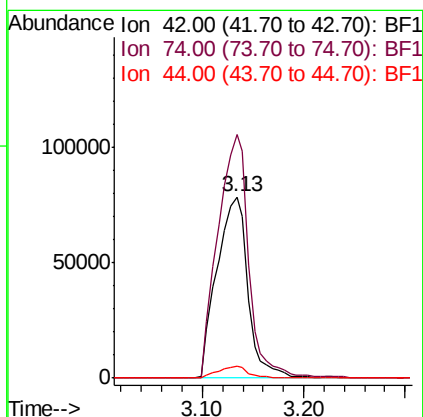
RT: 3.13 min Scan# 178

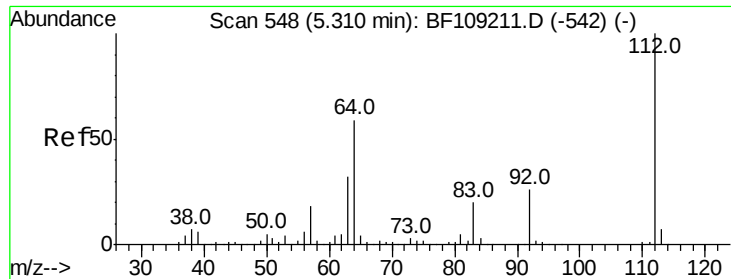
Delta R.T. 0.11 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	42	Resp:	167548
Ion Ratio	Lower	Upper	
42	100		
74	134.5	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 90.279 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

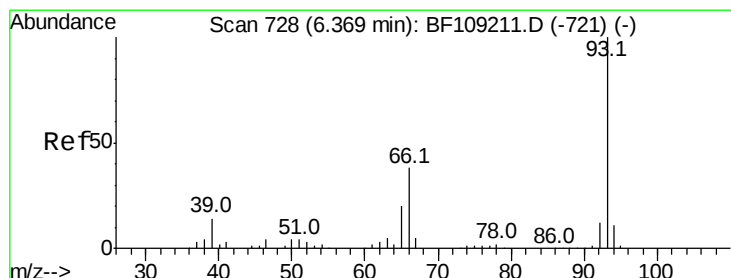
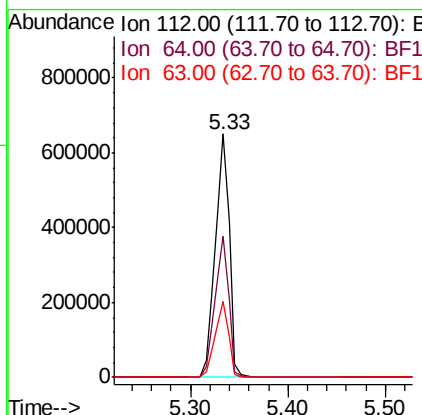
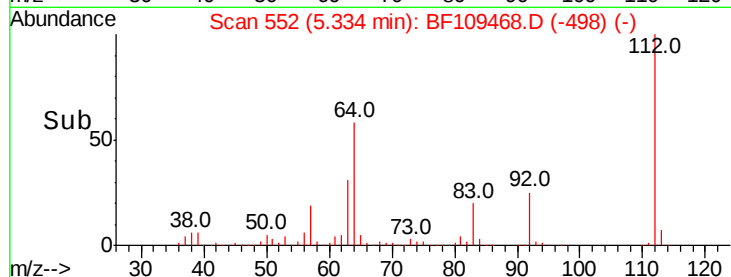
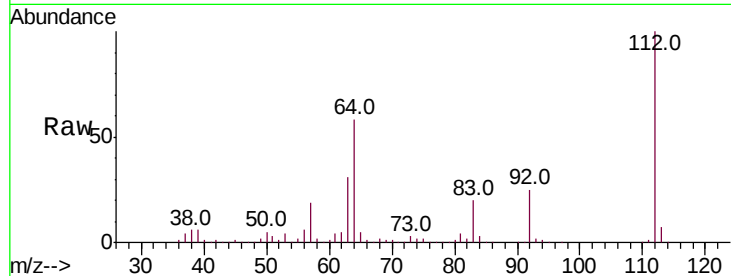
ClientSampled :

PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	648409		
64	58.2	47.9	71.9	
63	31.1	23.7	35.5	

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#6

Aniline

Concen: 23.586 ng

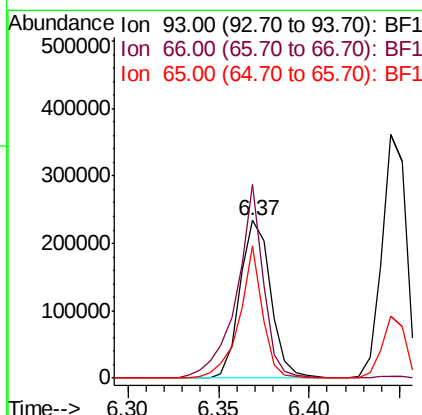
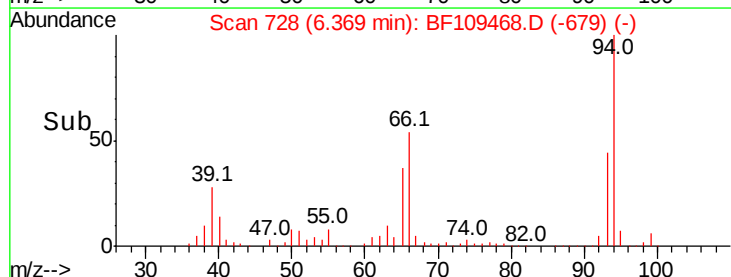
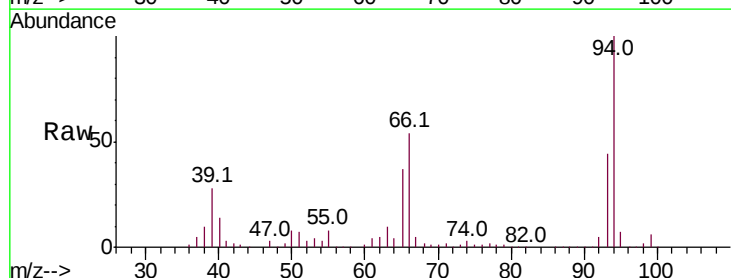
RT: 6.37 min Scan# 728

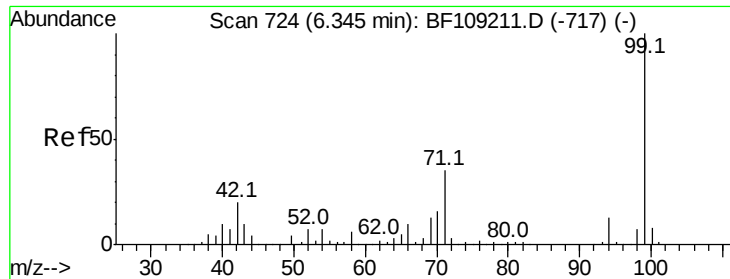
Delta R.T. -0.01 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	276559		
66	123.0	32.2	48.2#	
65	84.0	16.4	24.6#	





#7

Phenol-d6

Concen: 90.177 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

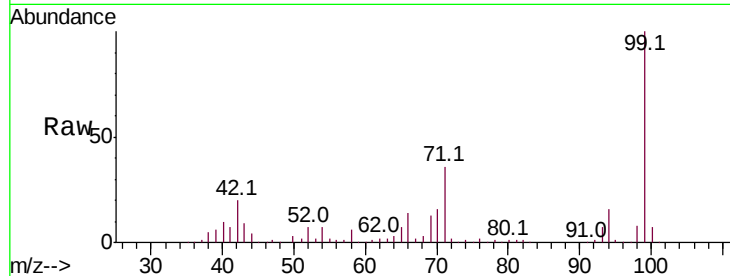
ClientSampled :

PB113313BS

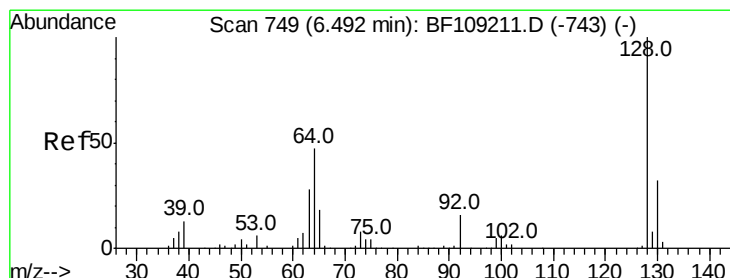
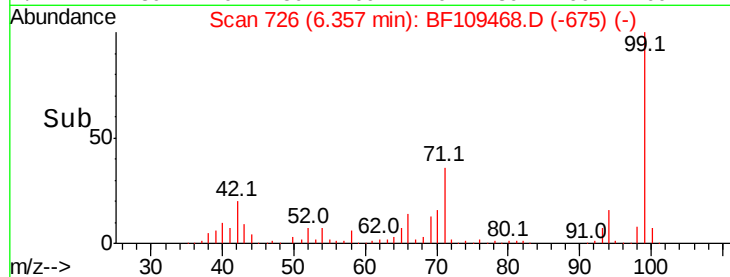
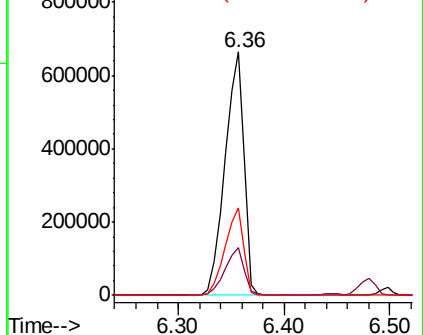
Tot Ion:	99	Resp:	826457
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	35.9	25.4	38.0

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



#8

2-Chlorophenol

Concen: 43.910 ng

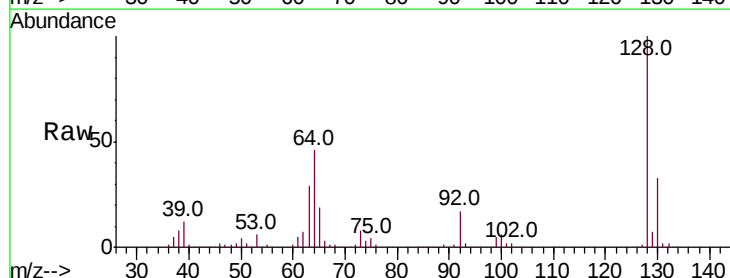
RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

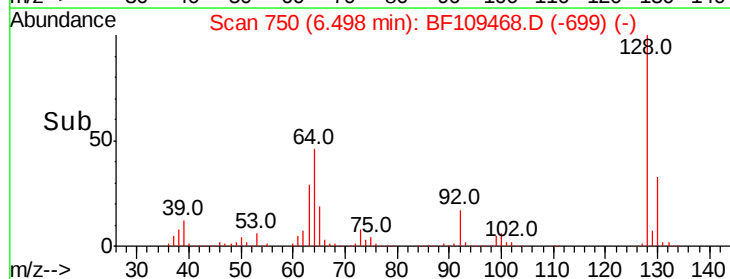
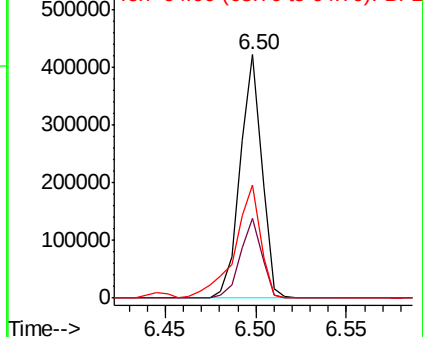
Lab File: BF109468.D

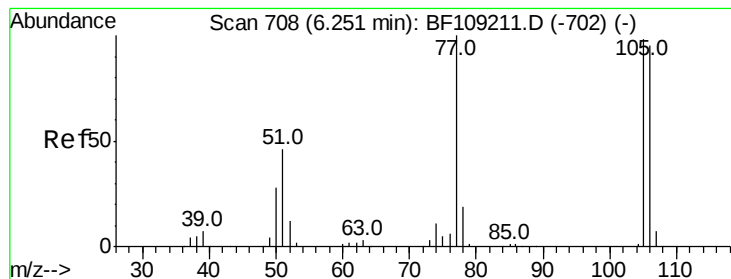
Acq: 29 Sep 2018 9:03

Tgt Ion:	128	Resp:	350709
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	46.3	29.4	69.4



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





#9

Benzaldehyde

Concen: 33.857 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

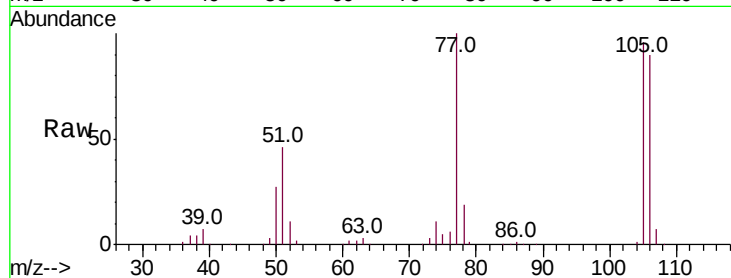
ClientSampleId :

PB113313BS

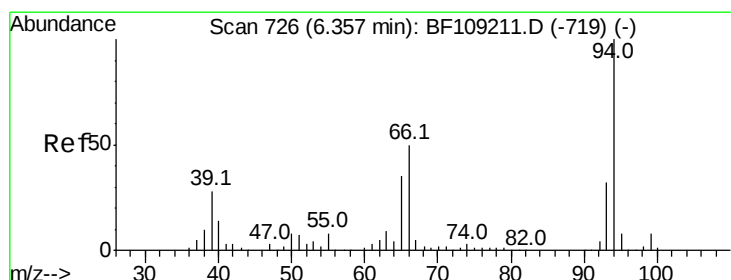
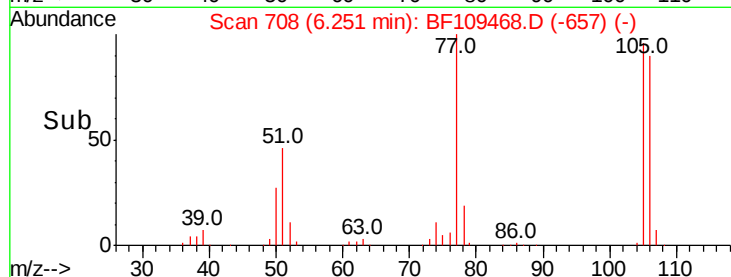
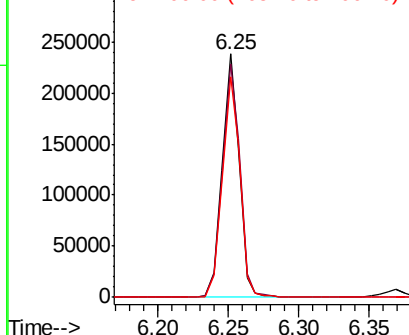
Tot Ion:	77	Resp:	199334
Ion Ratio	Lower	Upper	
77	100		
105	95.7	81.1	121.1
106	90.4	74.5	114.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.576 ng

RT: 6.37 min Scan# 728

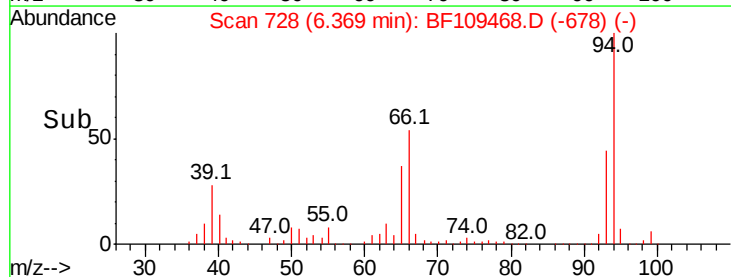
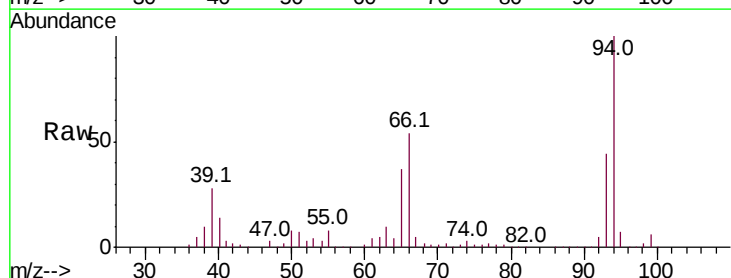
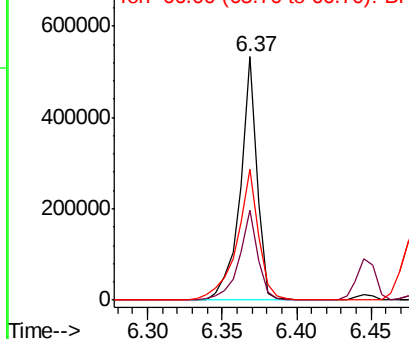
Delta R.T. -0.01 min

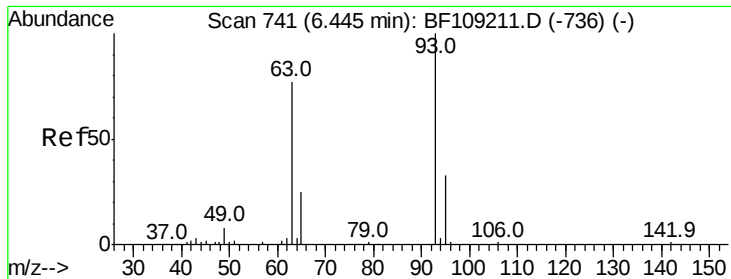
Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	94	Resp:	421133
Ion Ratio	Lower	Upper	
94	100		
65	36.9	7.9	47.9
66	54.0	16.2	56.2

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





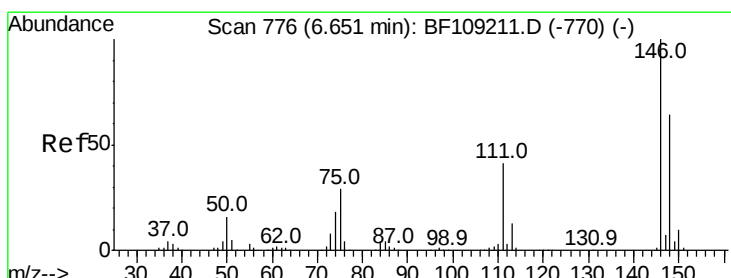
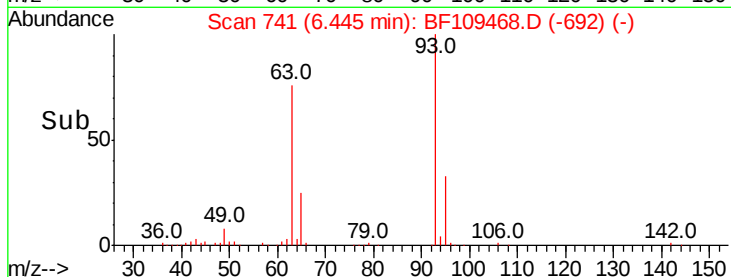
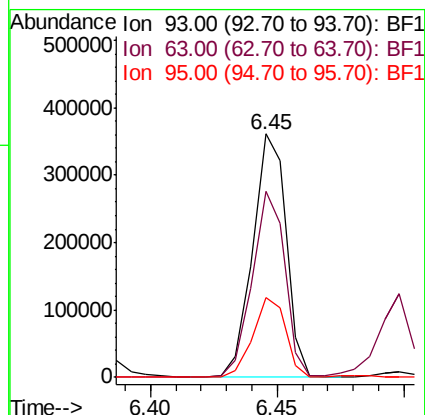
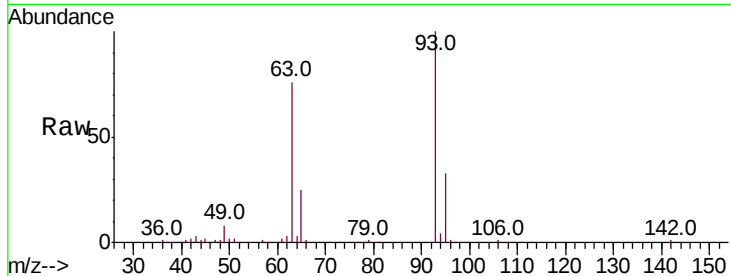
#11
bis(2-Chloroethyl)ether
Concen: 40.639 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.6	98.6
95	32.5	11.8	51.8

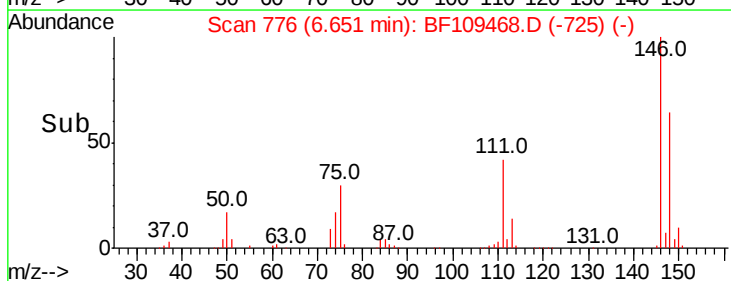
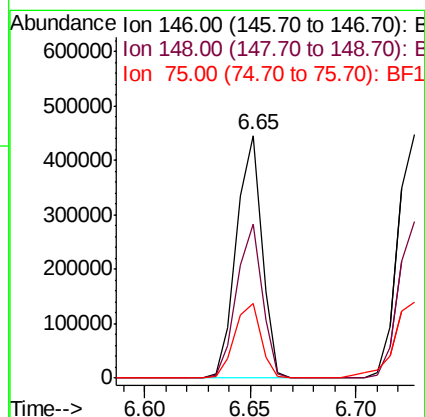
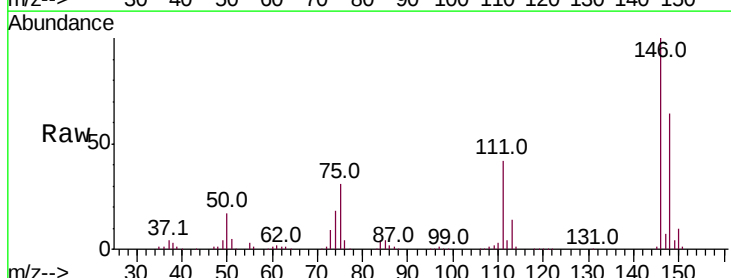
Manual Integrations
APPROVED

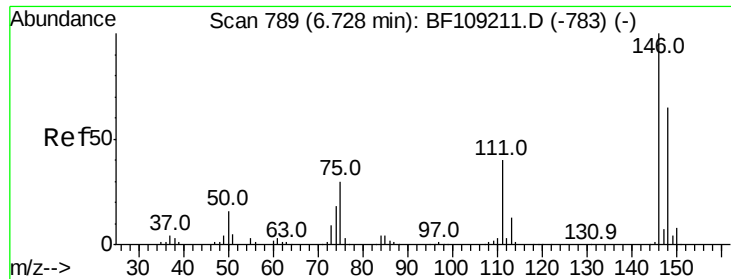
Sohil
10/1/2018 9:57:34 AM



#12
1,3-Dichlorobenzene
Concen: 40.439 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	30.7	24.2	36.4





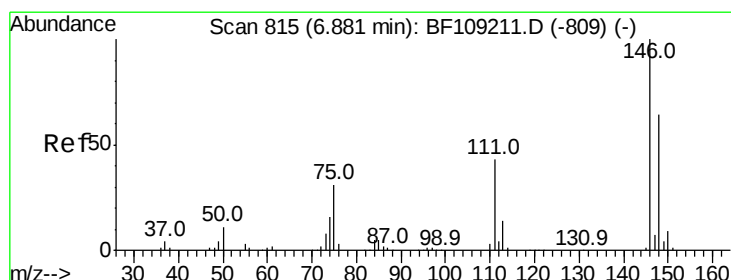
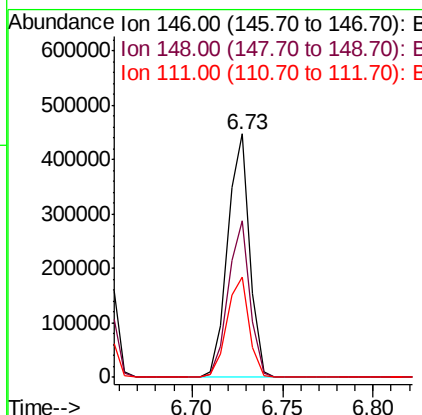
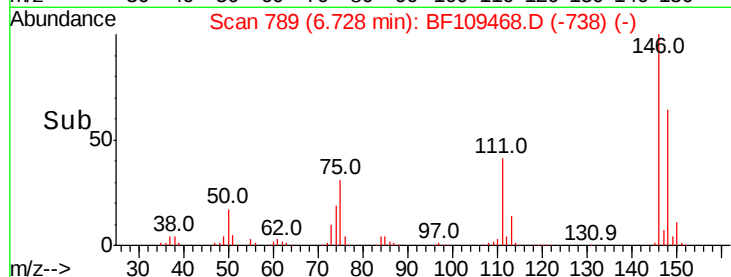
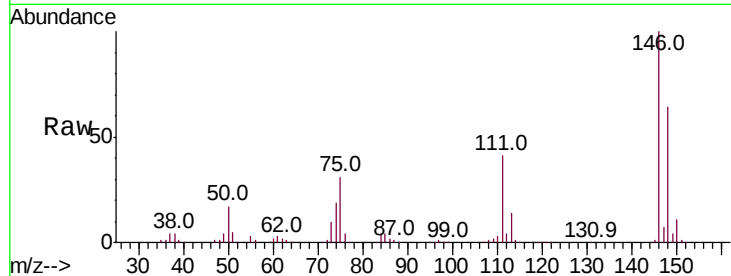
#13
 1,4-Dichlorobenzene
 Concen: 40.705 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	41.3	34.2	51.2

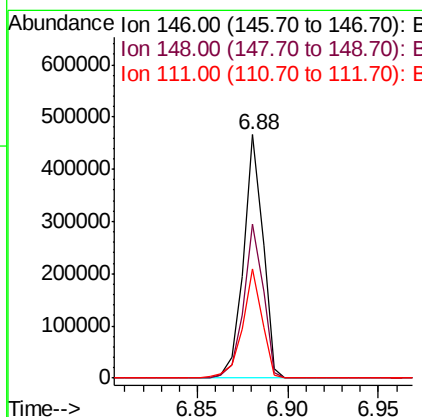
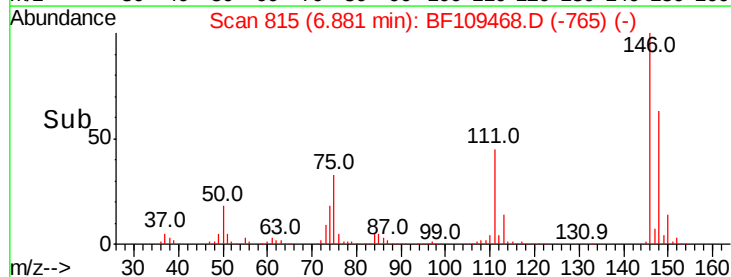
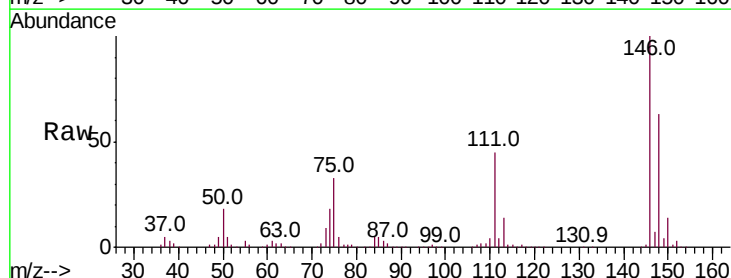
Manual Integrations
 APPROVED

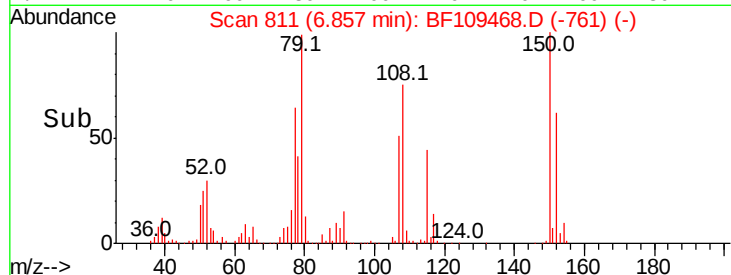
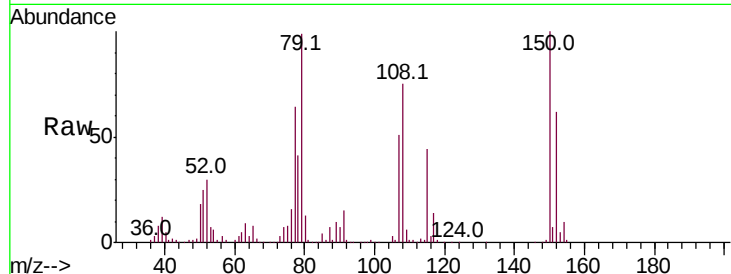
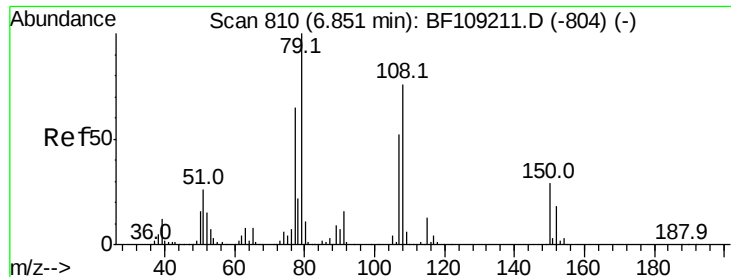
Sohil
 10/1/2018 9:57:34 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.503 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	44.9	36.0	54.0





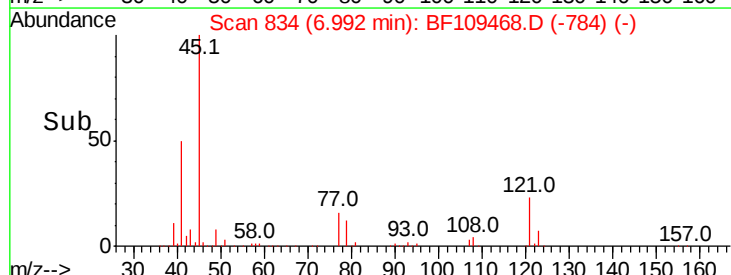
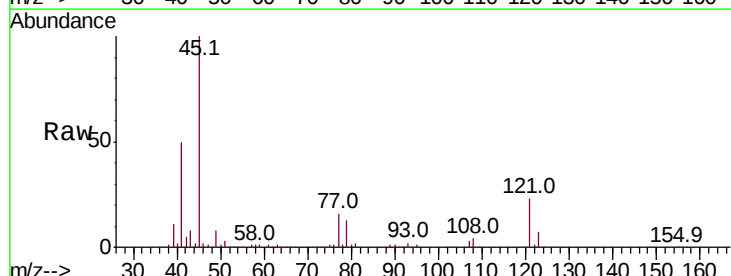
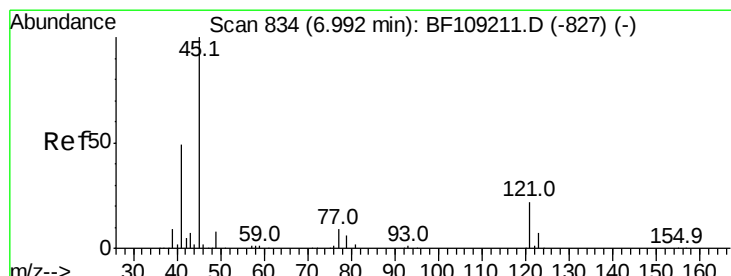
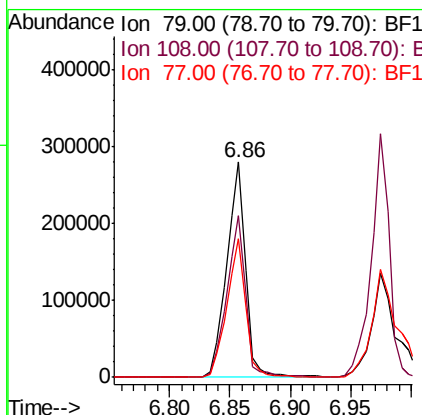
#15
Benzyl Alcohol
Concen: 43.295 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.0	65.1	97.7	
77	64.7	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB113313BS

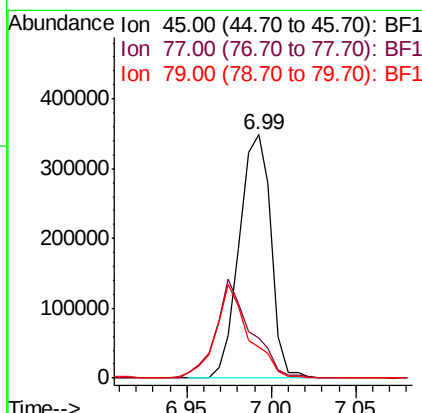
Manual Integrations
APPROVED

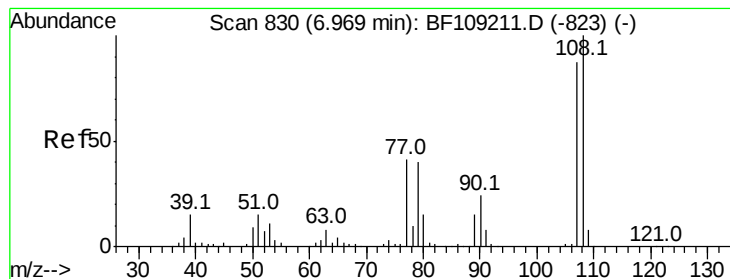
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.579 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	16.4	0.0	32.9	
79	12.9	0.0	29.6	





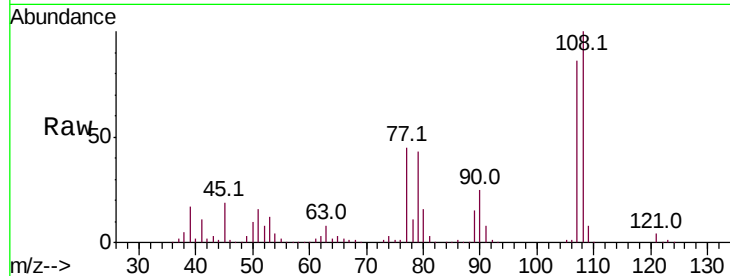
#17
2-Methylphenol
Concen: 44.925 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampled :
PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	290331		
108	116.3	91.7	137.5	
77	51.8	33.8	50.8	
79	49.7	33.8	50.8	

Manual Integrations
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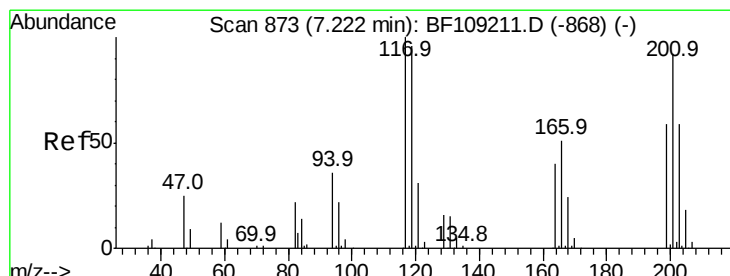
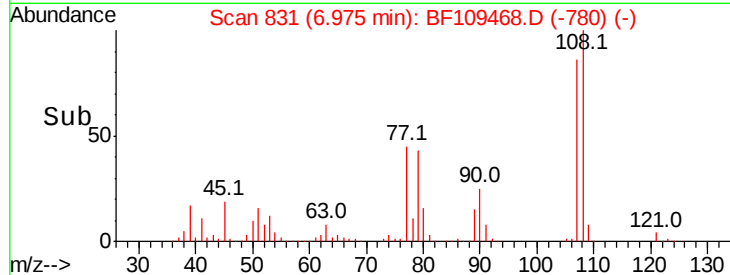
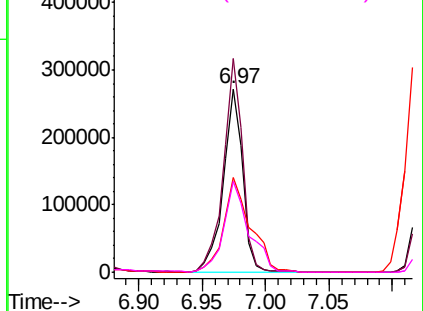
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.357 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

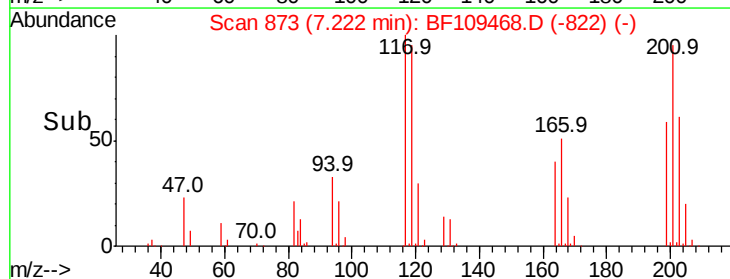
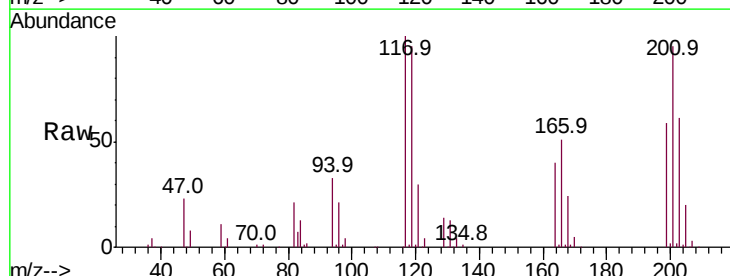
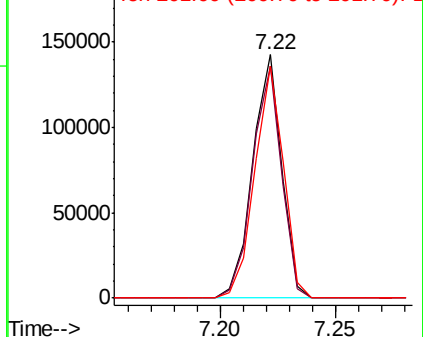
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125196		
119	95.1	75.8	113.8	
201	95.4	75.7	113.5	

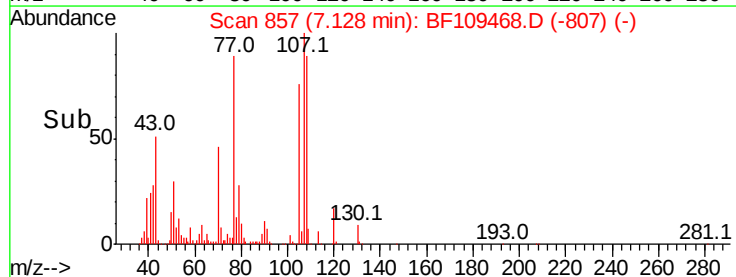
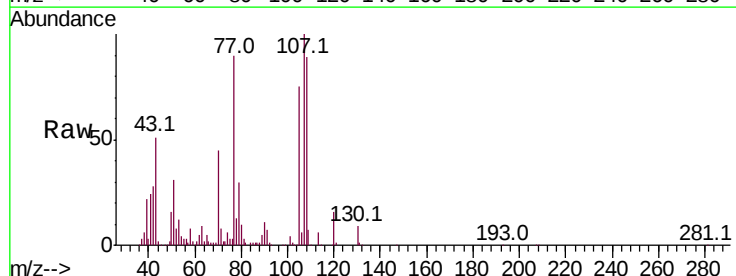
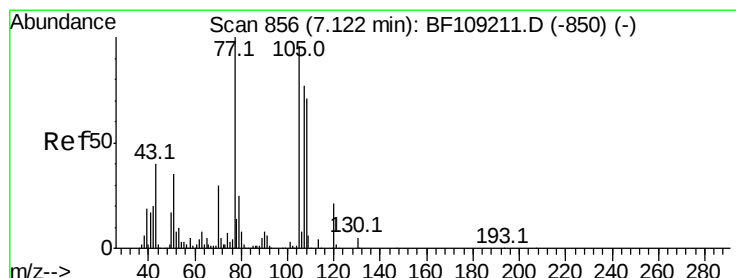
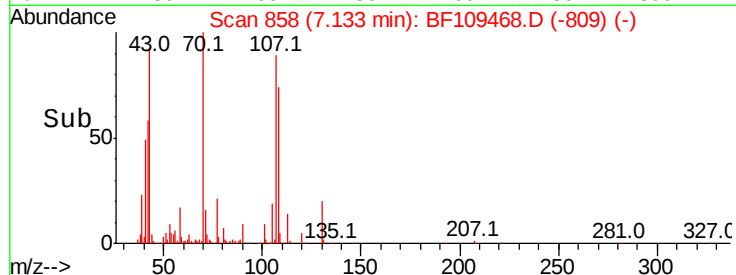
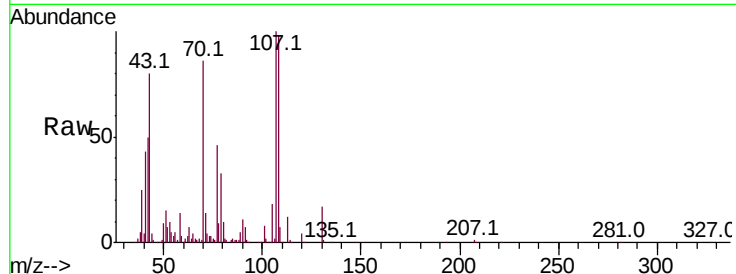
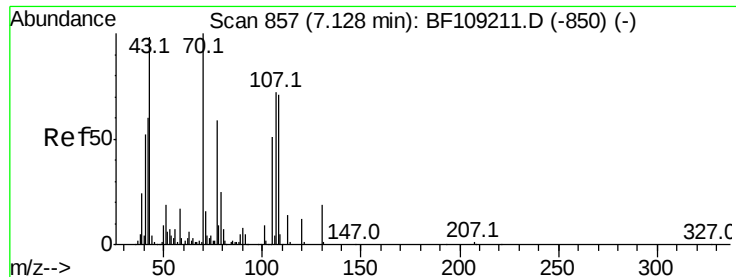
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





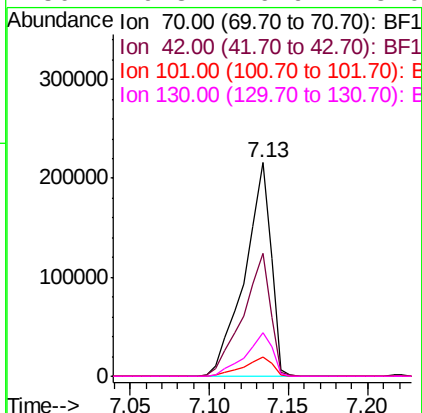
#19
n-Nitroso-di-n-propylamine
Concen: 41.497 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.5	71.3
101	9.1	7.4	11.2
130	20.3	16.6	25.0

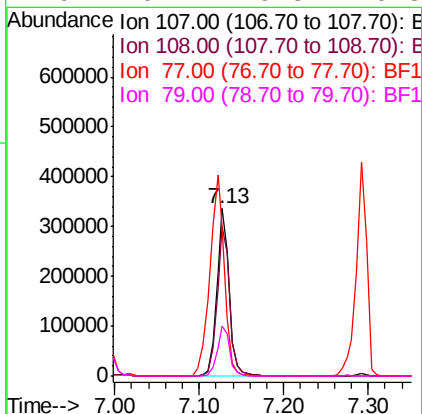
Manual Integrations
APPROVED

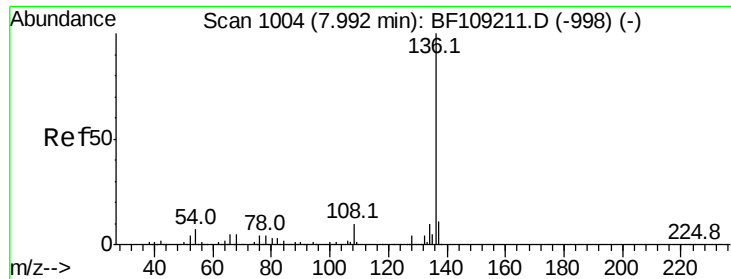
Sohil
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#20
3+4-Methylphenols
Concen: 44.814 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	89.7	26.7	66.7#
79	29.7	6.3	46.3





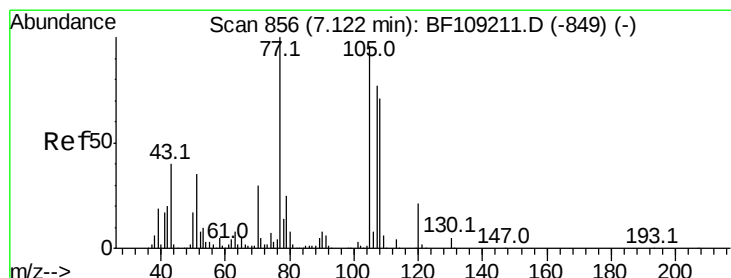
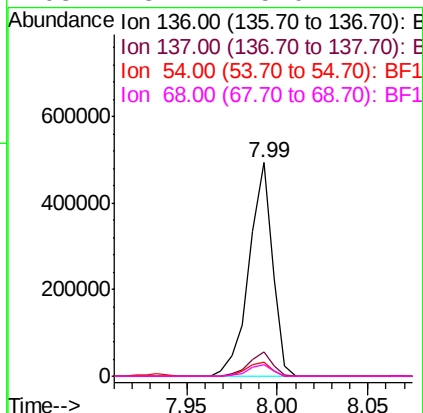
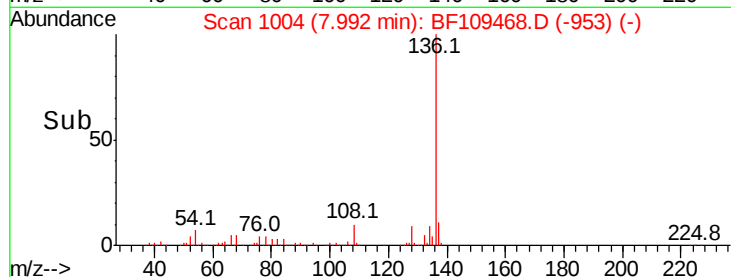
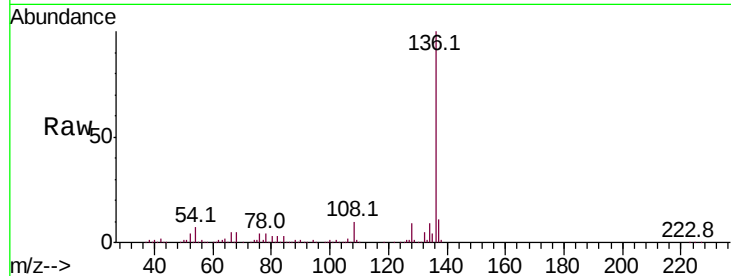
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	6.9	6.6	9.8	
68	5.4	5.0	7.4	

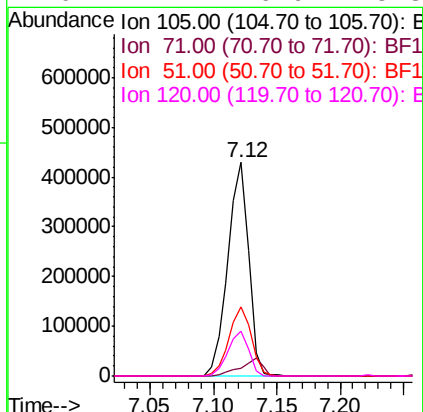
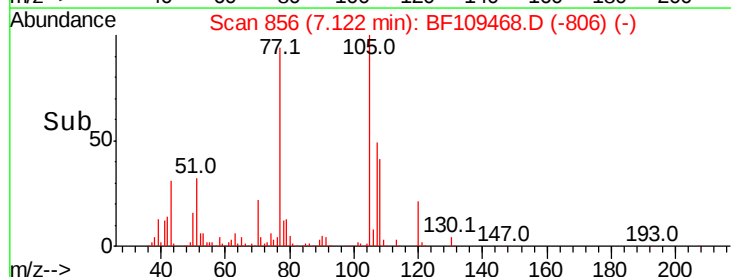
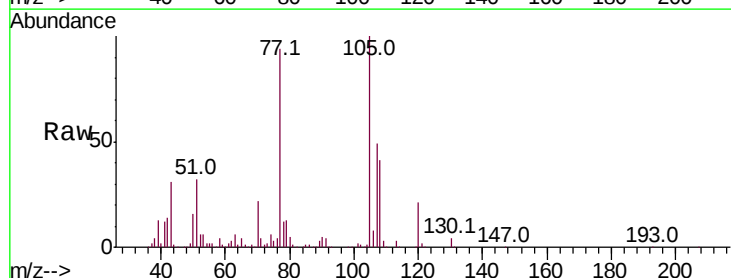
Manual Integrations
APPROVED

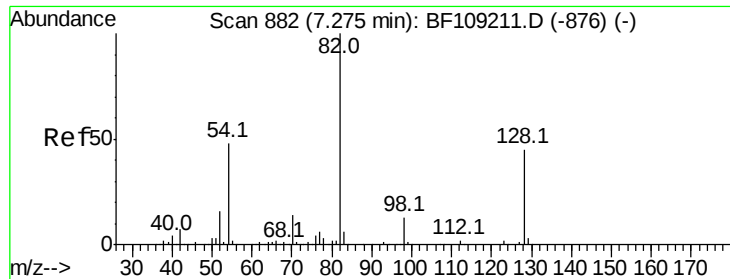
Sohil
10/1/2018 9:57:34 AM



#22
Acetophenone
Concen: 47.128 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.7	4.4	6.6#	
51	32.3	22.3	33.5	
120	21.2	16.9	25.3	





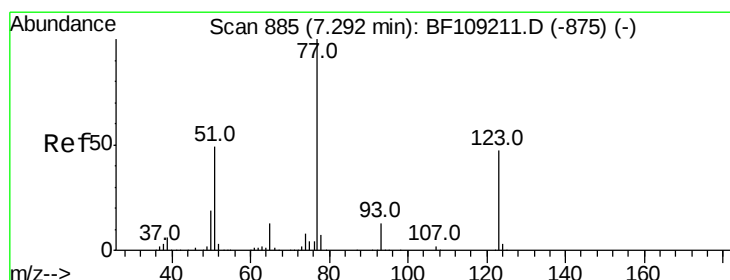
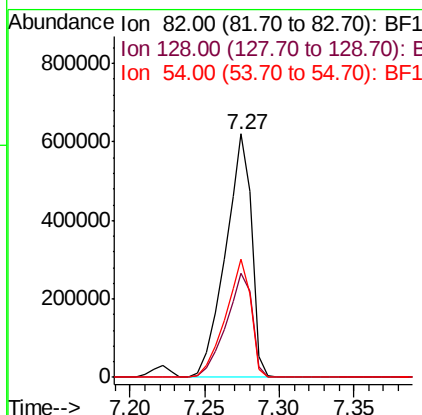
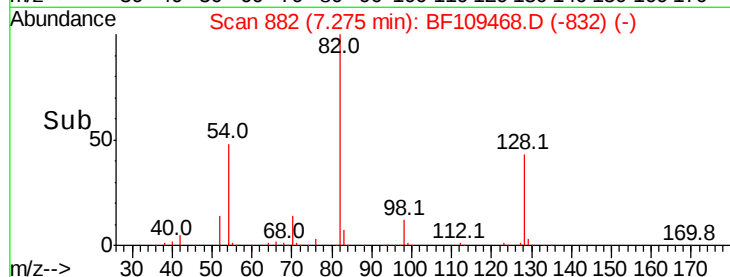
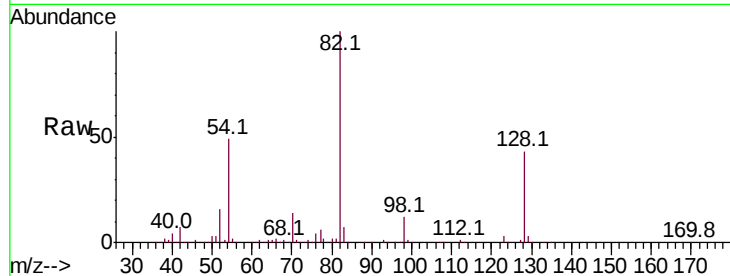
#23
Nitrobenzene-d5
Concen: 100.952 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	48.7	41.4	62.2

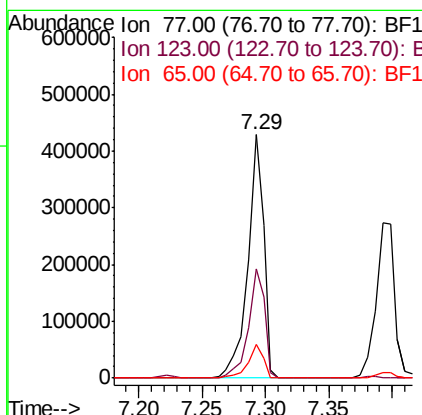
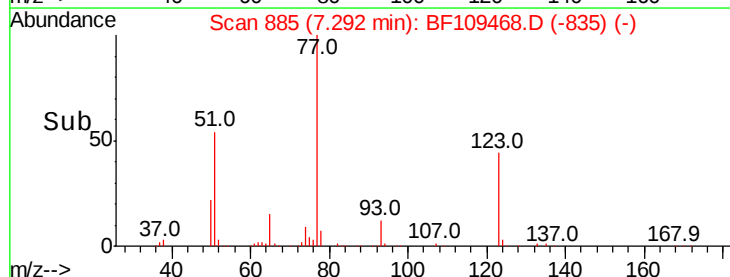
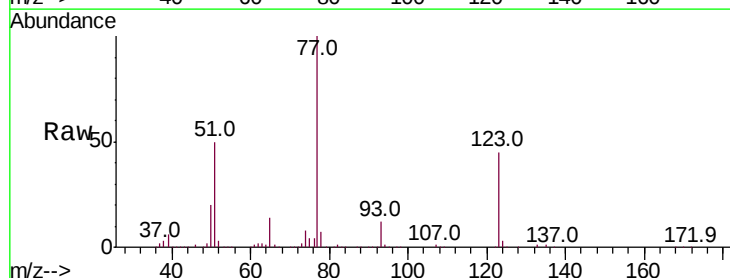
Manual Integrations
APPROVED

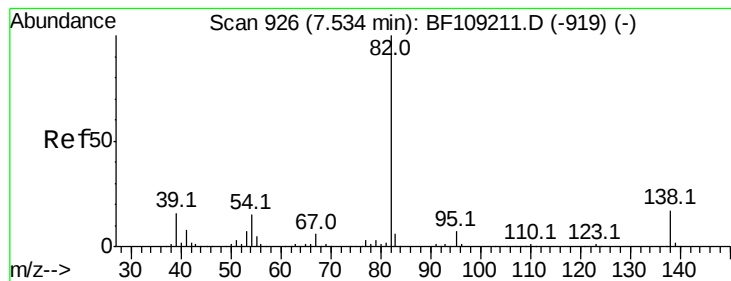
Sohil
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#24
Nitrobenzene
Concen: 46.581 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 50.906 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

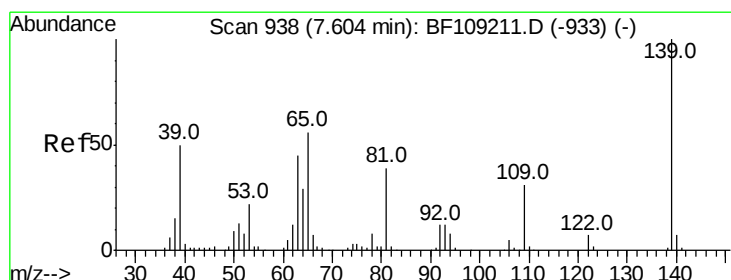
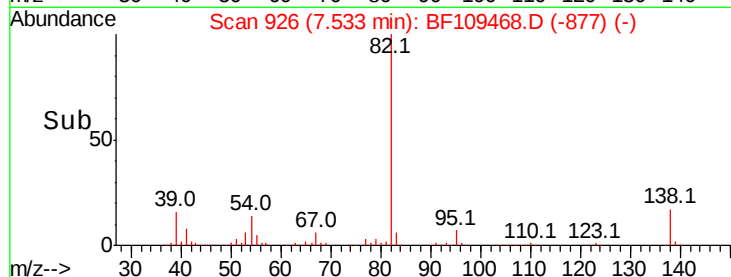
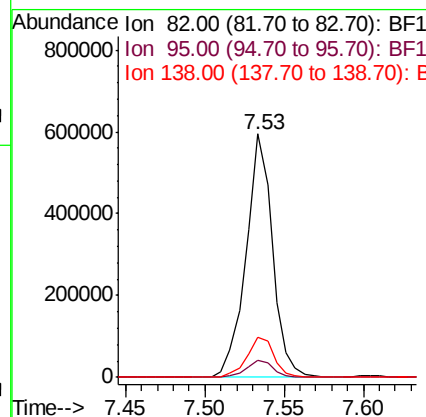
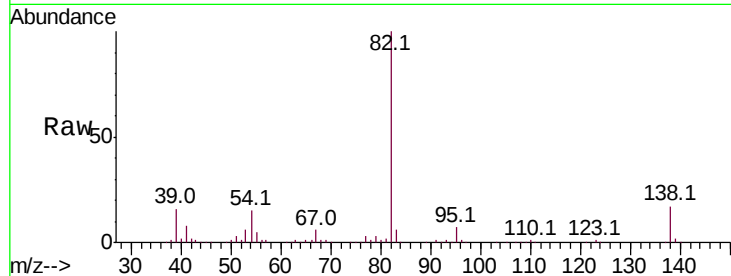
ClientSampleId :

PB113313BS

Tot Ion:	82	Resp:	690657
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.7	14.9	22.3

Manual Integrations
APPROVED

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10/1/2018 9:57:34 AM



#26

2-Nitrophenol

Concen: 50.714 ng

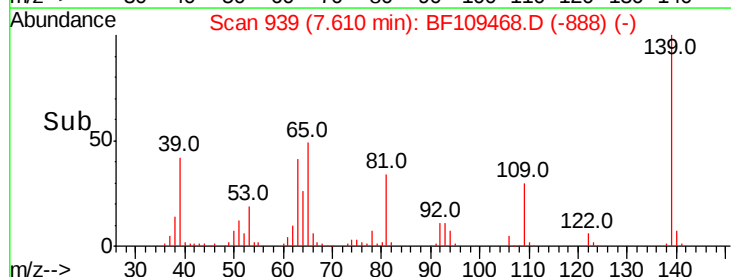
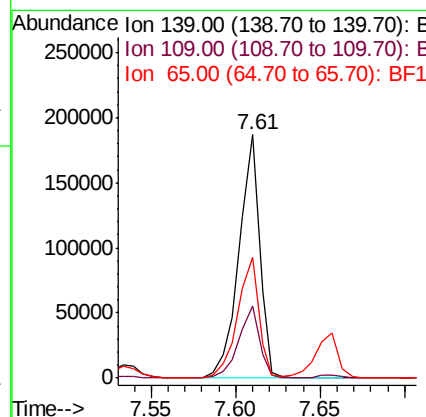
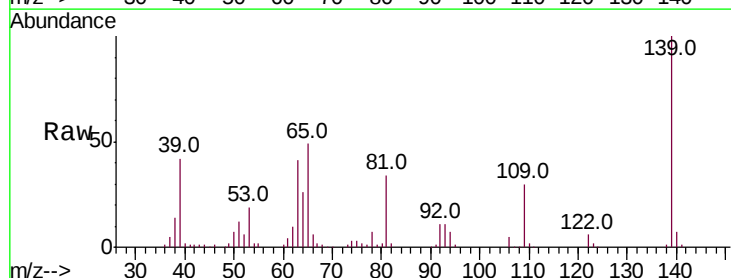
RT: 7.61 min Scan# 939

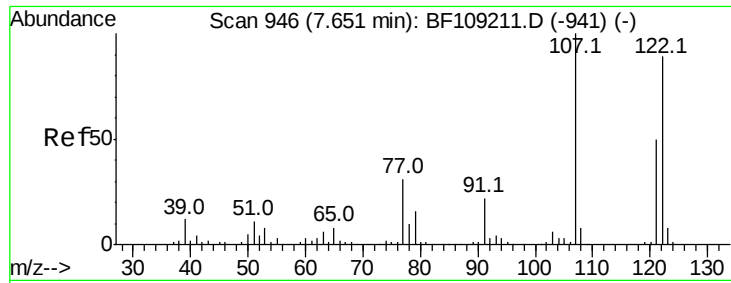
Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	139	Resp:	160669
Ion Ratio	Lower	Upper	
139	100		
109	29.9	22.7	34.1
65	49.5	40.5	60.7





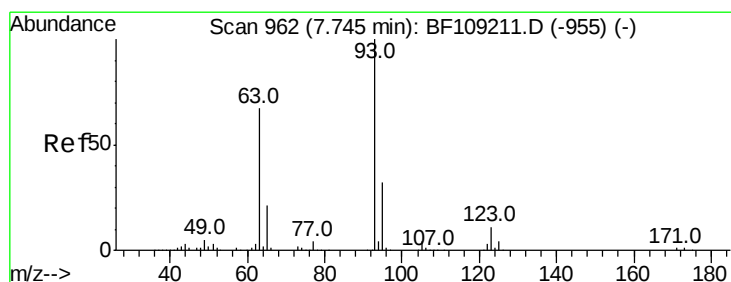
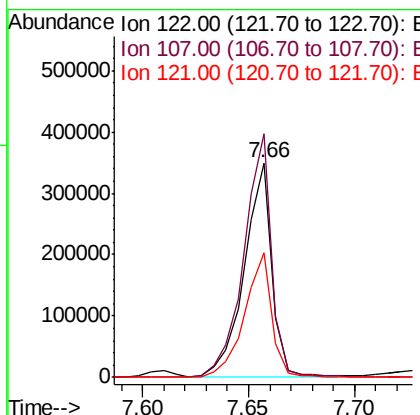
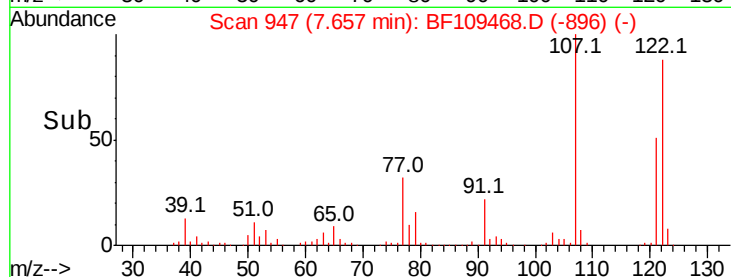
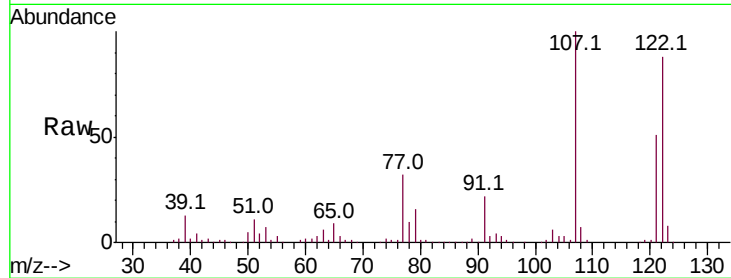
#27
 2,4-Dimethylphenol
 Concen: 53.766 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampled :
 PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	317848		
107	113.5	91.2	136.8	
121	57.8	47.2	70.8	

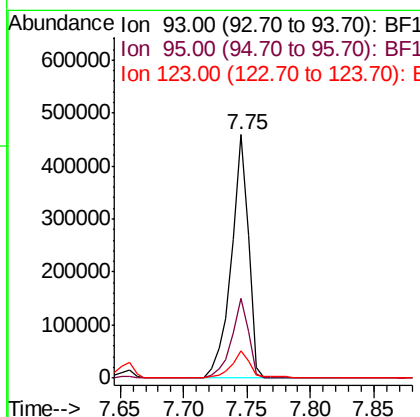
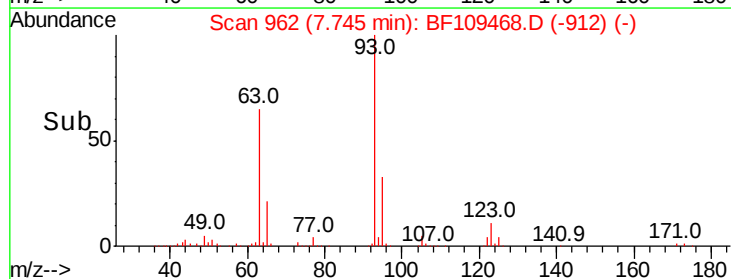
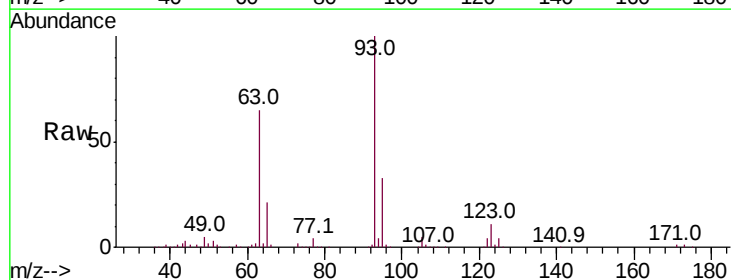
Manual Integrations
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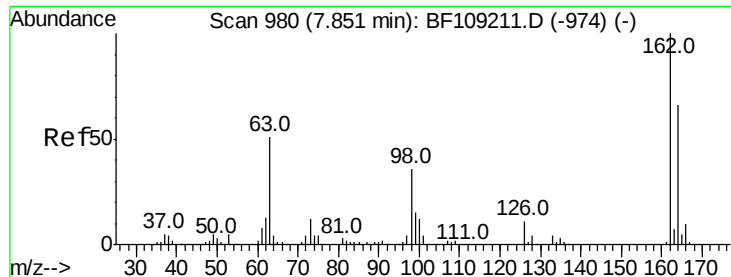
Sohil
 10/1/2018 9:57:34 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.421 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	425896		
95	32.5	26.3	39.5	
123	11.1	9.8	14.6	





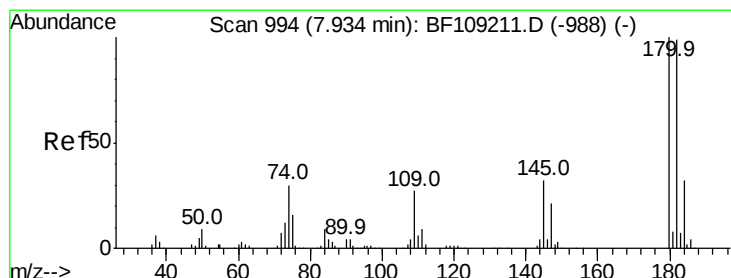
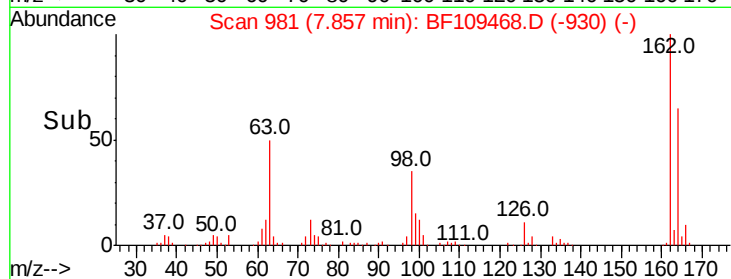
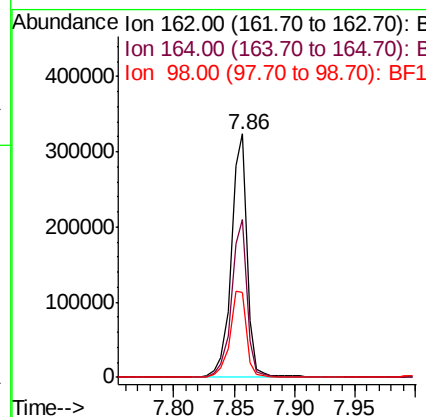
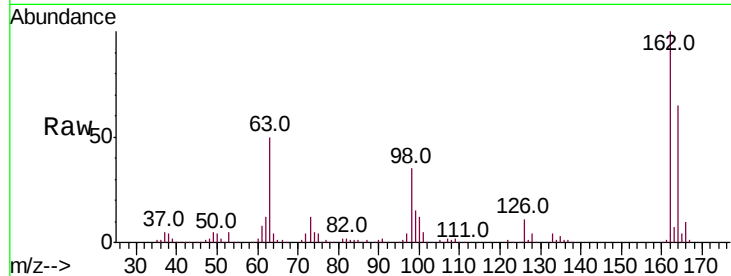
#29
 2,4-Dichlorophenol
 Concen: 47.440 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	294657		
164	64.9	42.7	82.7	
98	34.7	18.1	58.1	

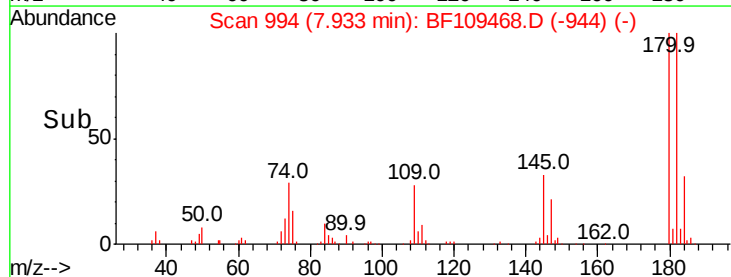
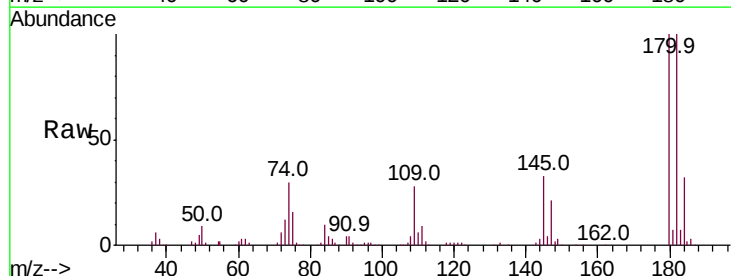
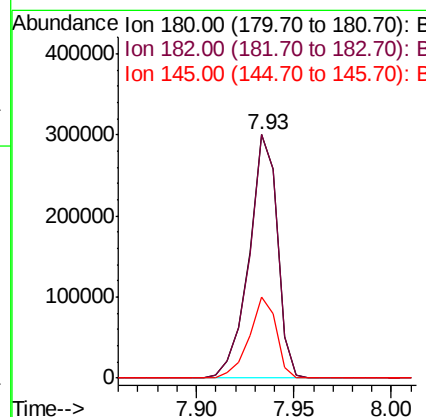
Manual Integrations
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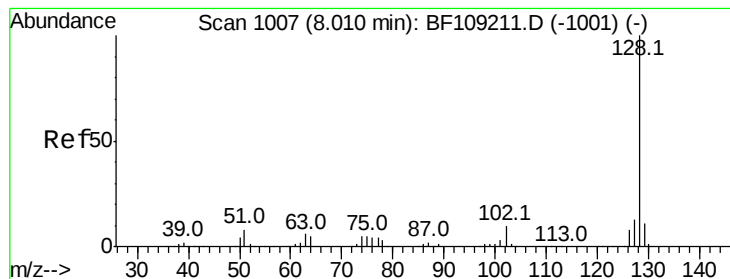
Sohil
 10/1/2018 9:57:34 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.482 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	301781		
182	100.0	76.8	115.2	
145	33.1	26.5	39.7	





#31

Naphthalene

Concen: 46.851 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

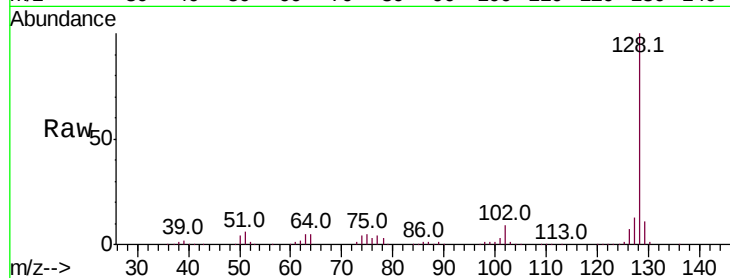
ClientSampled :

PB113313BS

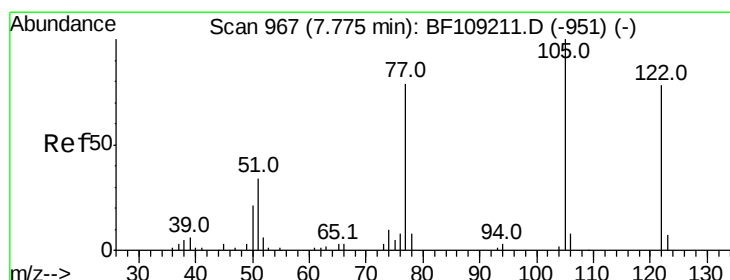
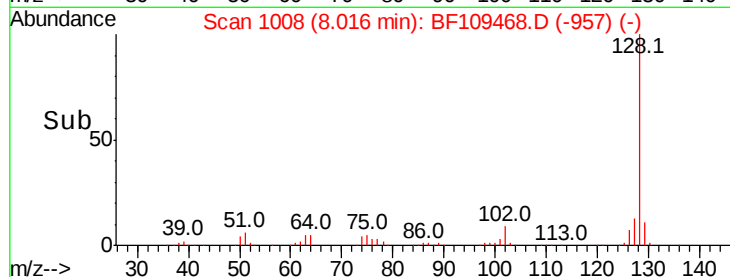
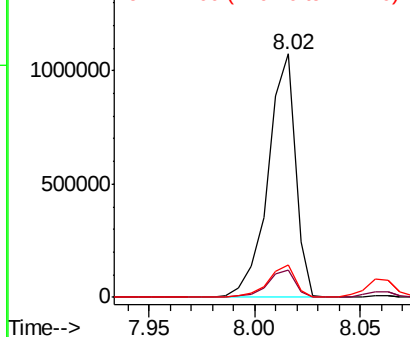
Tot Ion:	128	Resp:	973732
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.3	10.9	16.3

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



#32

Benzoic acid

Concen: 35.626 ng m

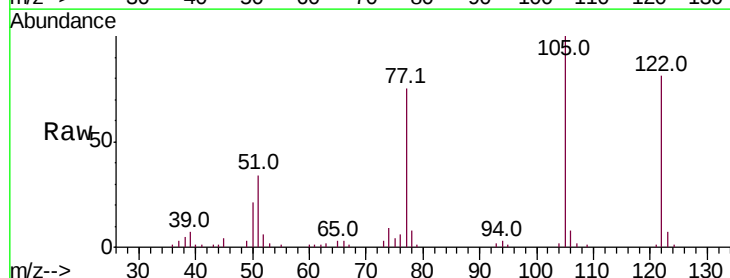
RT: 7.78 min Scan# 968

Delta R.T. -0.04 min

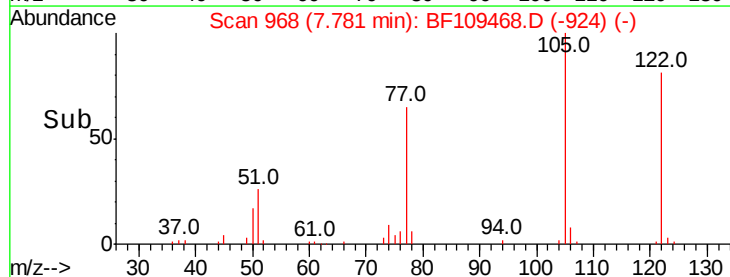
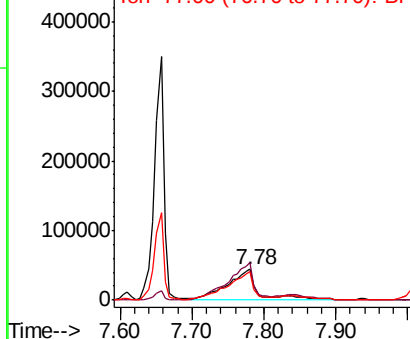
Lab File: BF109468.D

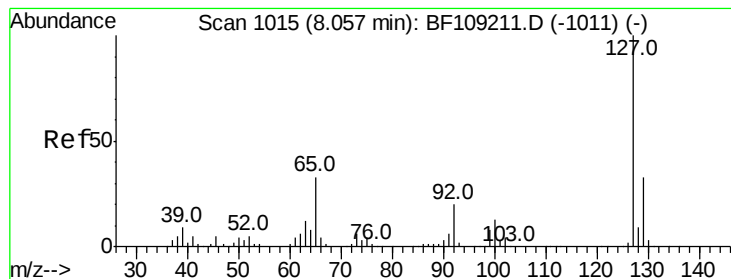
Acq: 29 Sep 2018 9:03

Tgt Ion:	122	Resp:	134919
Ion Ratio	Lower	Upper	
122	100		
105	123.6	101.1	141.1
77	92.6	70.7	110.7



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





#33

4-Chloroaniline

Concen: 9.873 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

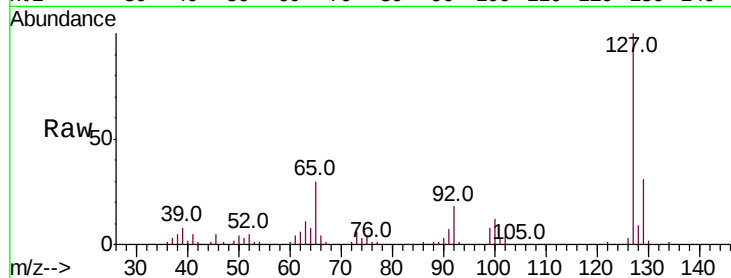
ClientSampled :

PB113313BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	30.2	25.0	37.4
92	17.6	15.2	22.8

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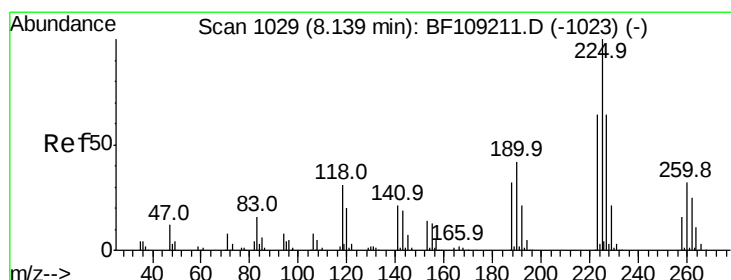
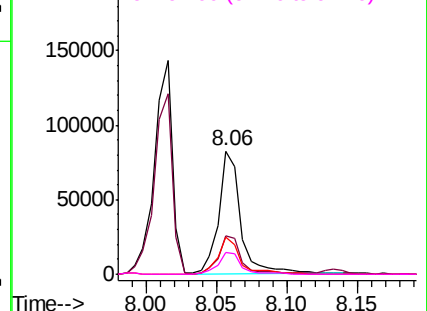
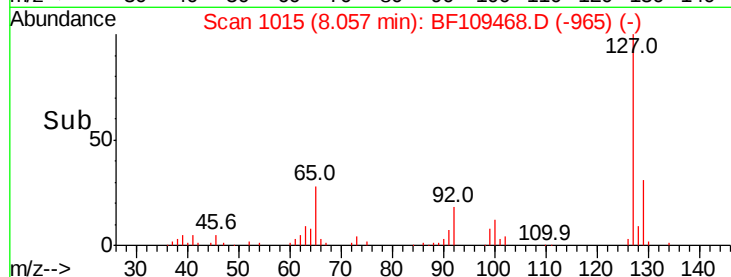
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 43.098 ng

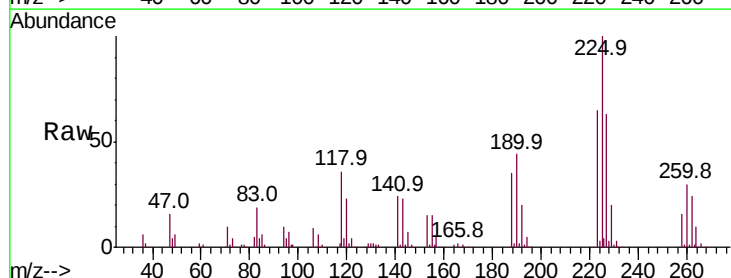
RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	63.0	51.9	77.9

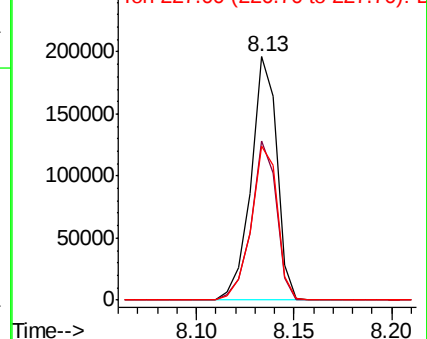
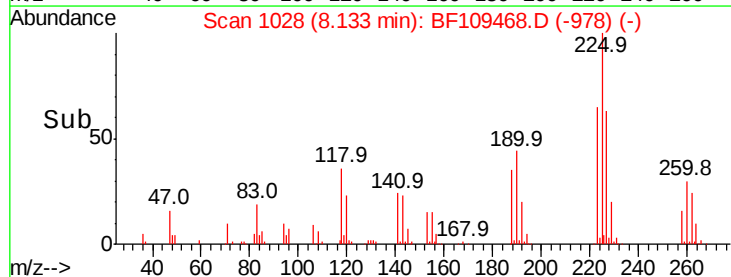


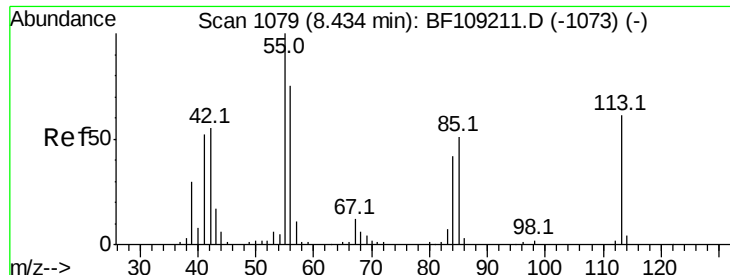
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





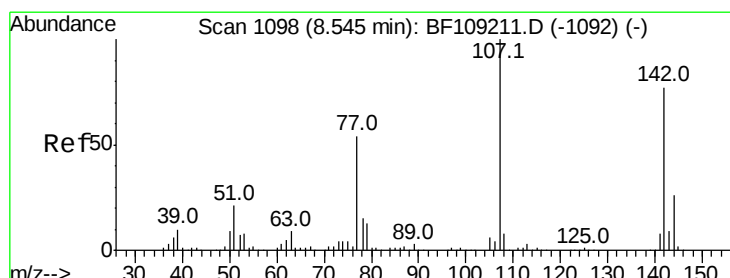
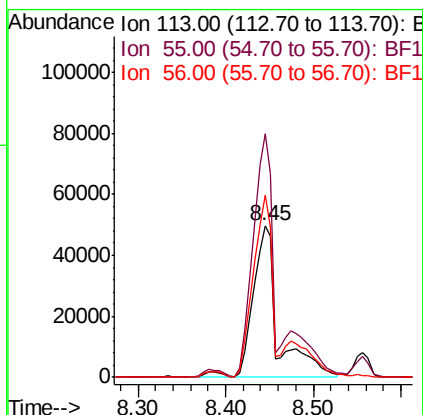
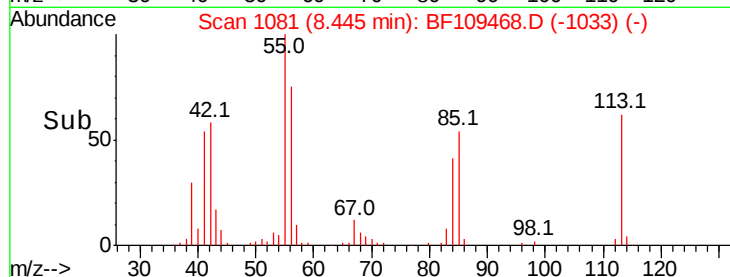
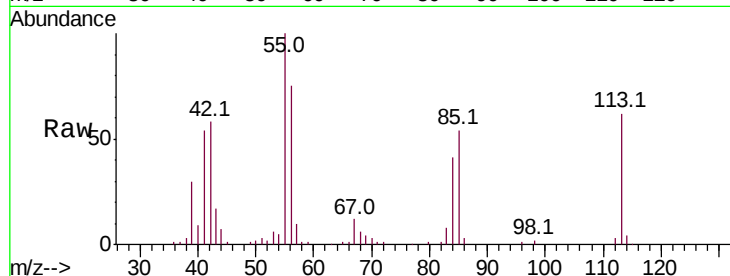
#35
Caprolactam
Concen: 49.855 ng/ml
RT: 8.45 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleID :
PB113313BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.2	163.3	203.3#
56	120.1	115.7	155.7

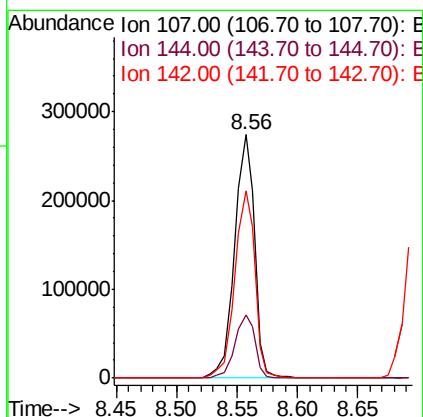
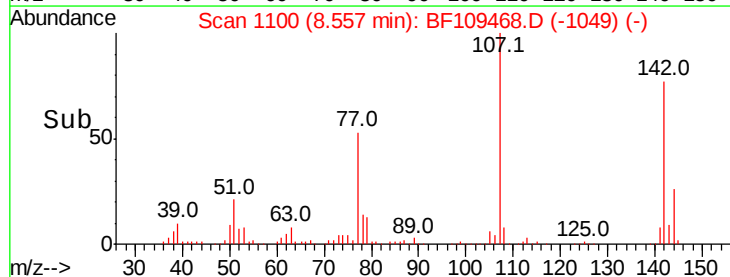
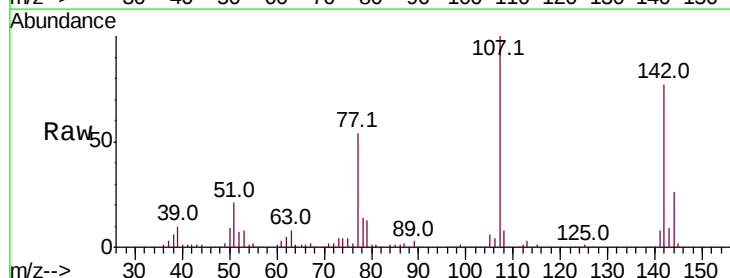
Manual Integrations
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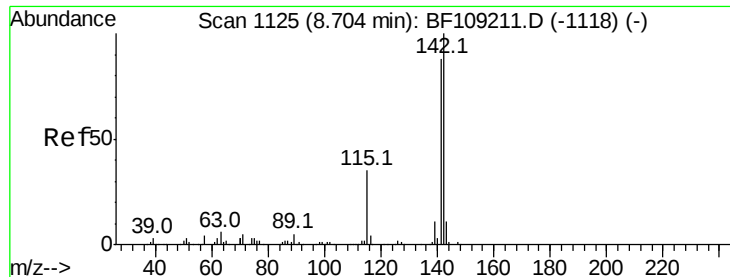
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 48.779 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	77.1	62.0	93.0





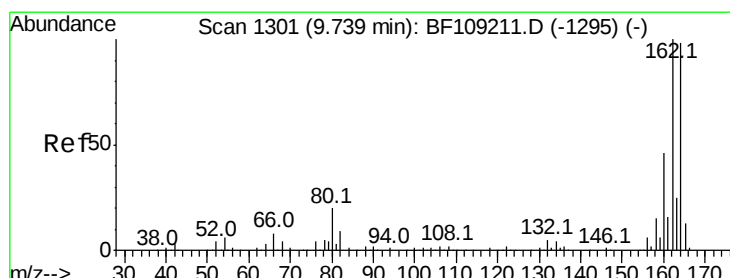
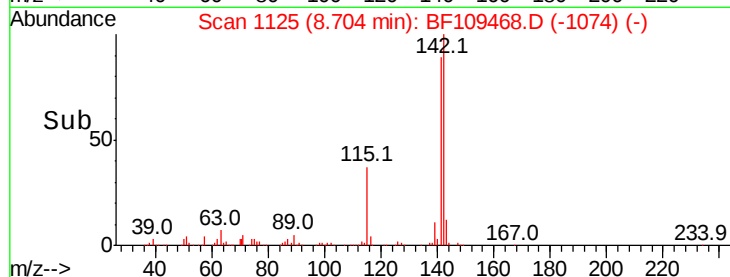
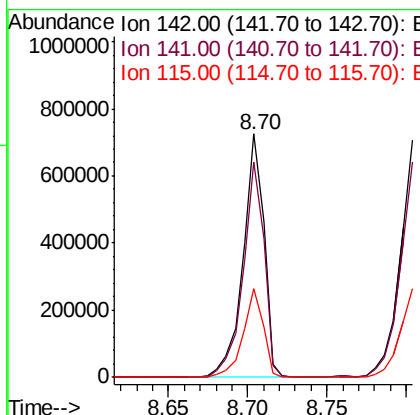
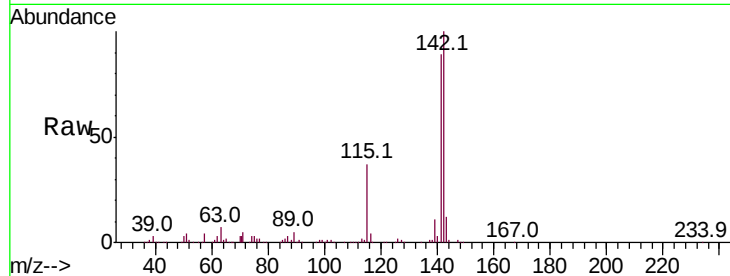
#37
2-Methylnaphthalene
Concen: 49.353 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	36.6	26.1	39.1

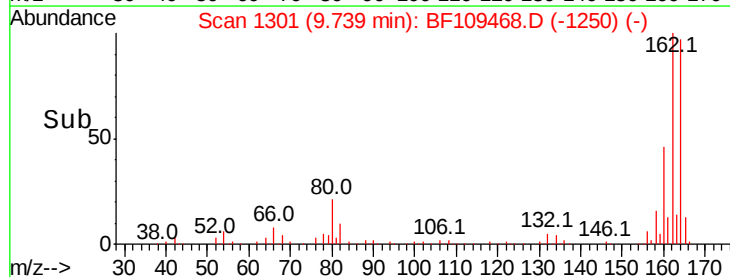
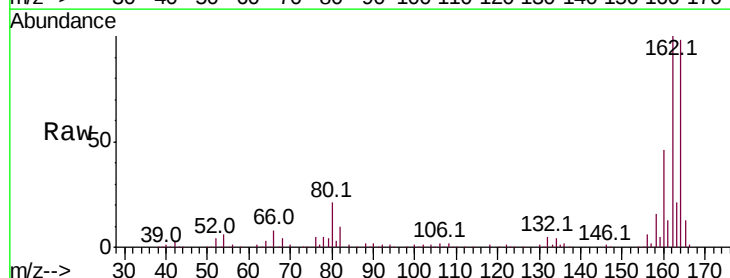
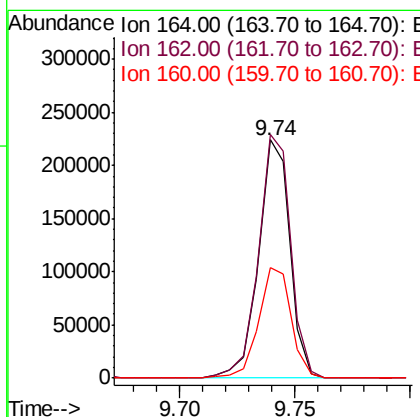
Manual Integrations
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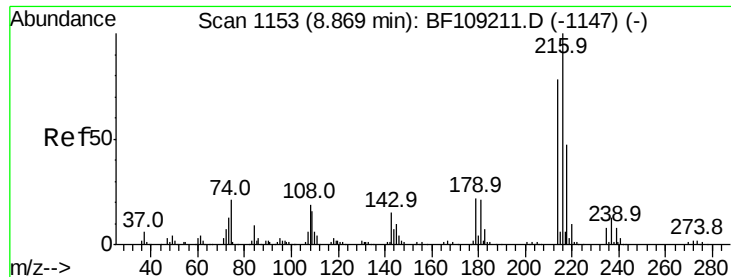
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.6	38.3	57.5





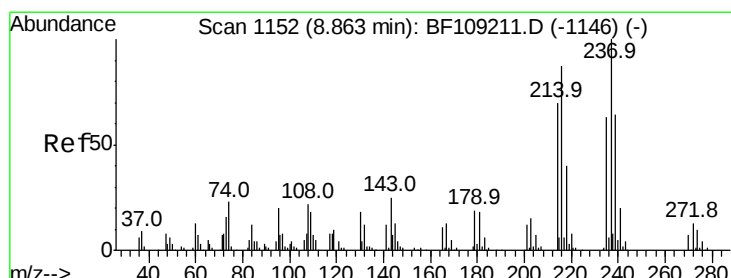
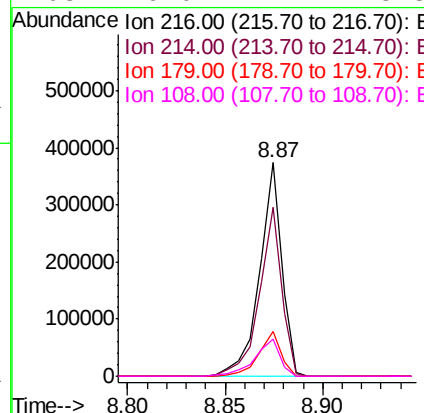
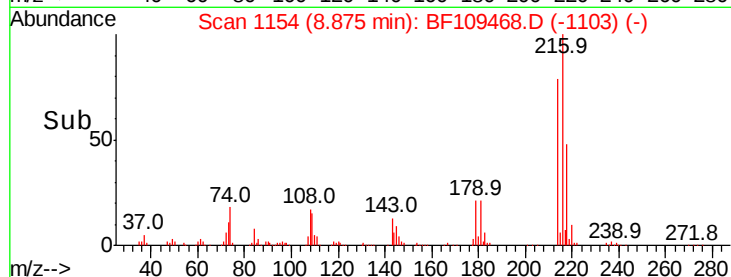
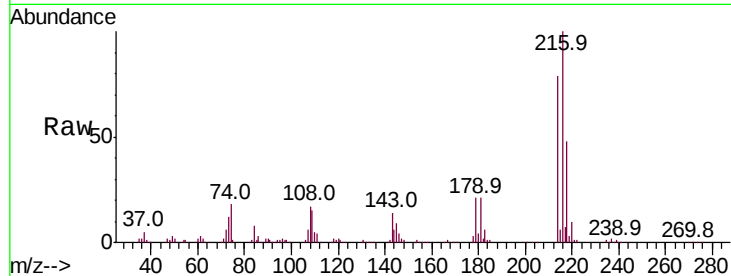
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.944 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	296249		
214	79.4	63.0	94.4	
179	20.9	18.1	27.1	
108	20.0	17.2	25.8	

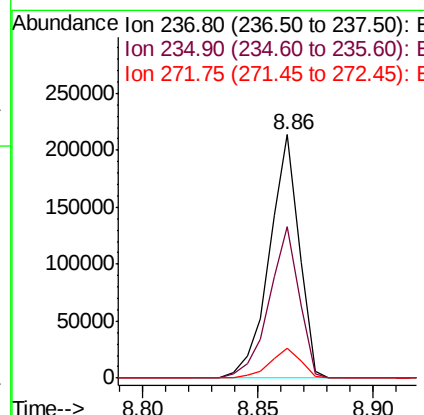
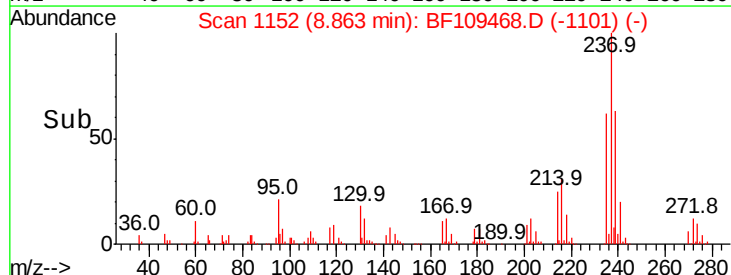
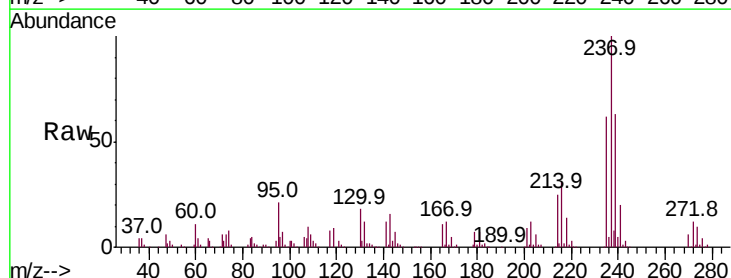
Manual Integrations
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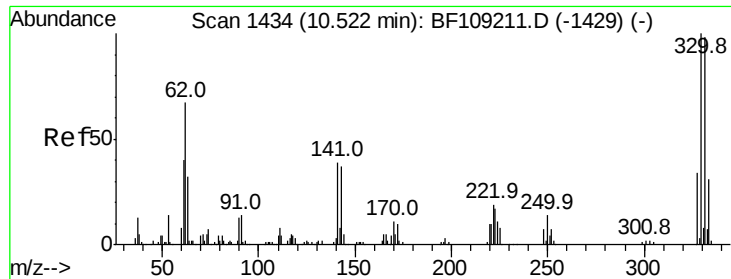
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 65.017 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	191179		
235	62.2	44.8	84.8	
272	12.3	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 97.102 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

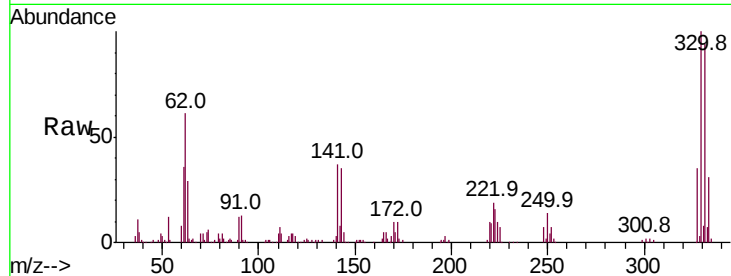
ClientSampled :

PB113313BS

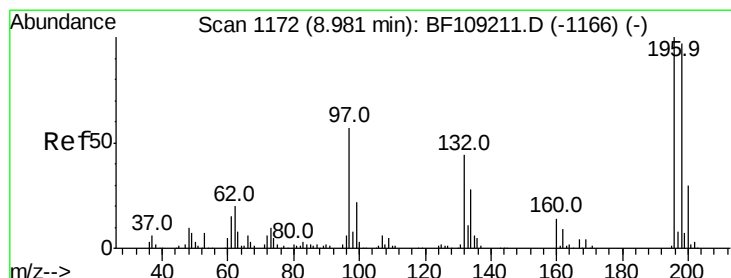
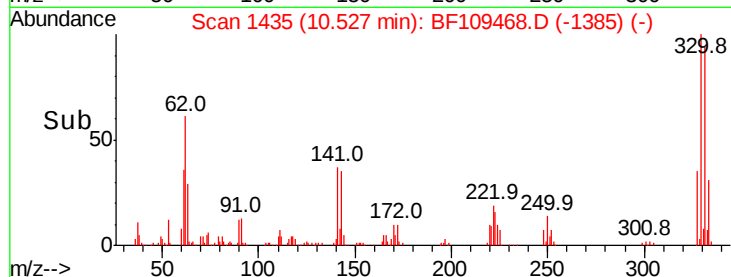
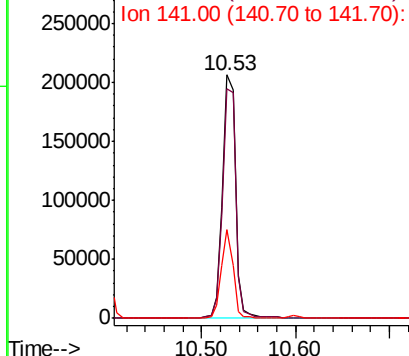
Tot Ion:	330	Resp:	202769
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	32.9	29.9	44.9

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 47.024 ng

RT: 8.99 min Scan# 1173

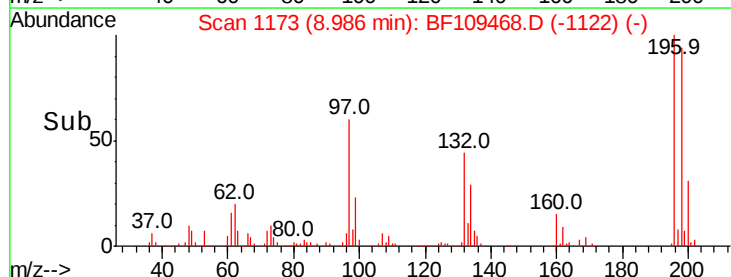
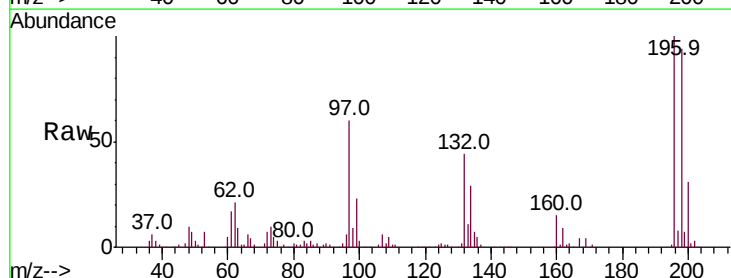
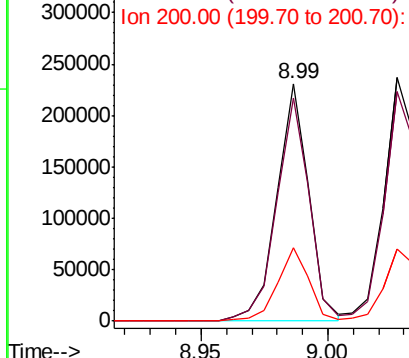
Delta R.T. -0.00 min

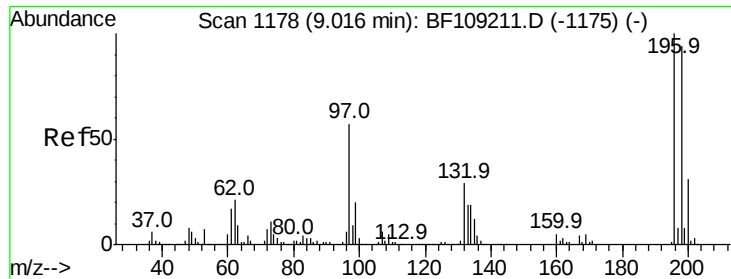
Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	196	Resp:	203462
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
200	30.8	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 47.193 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

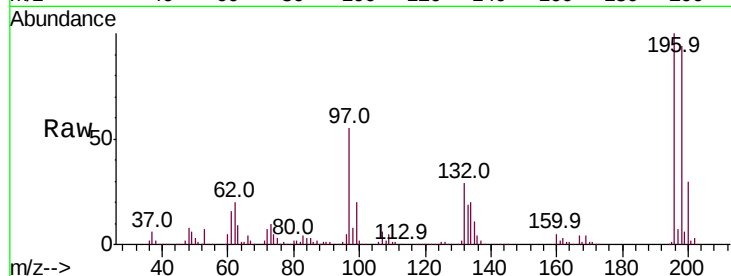
ClientSampleId :

PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215657		
198	94.4	74.6	112.0	
97	54.7	42.9	64.3	
132	29.2	26.3	39.5	

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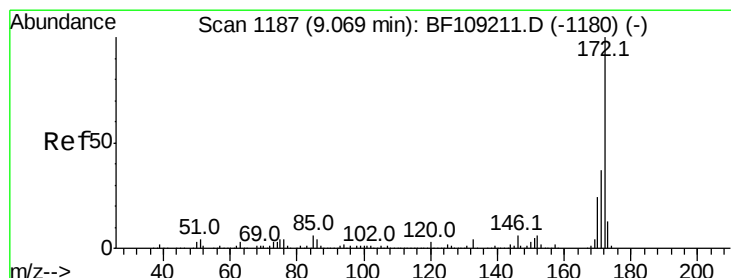
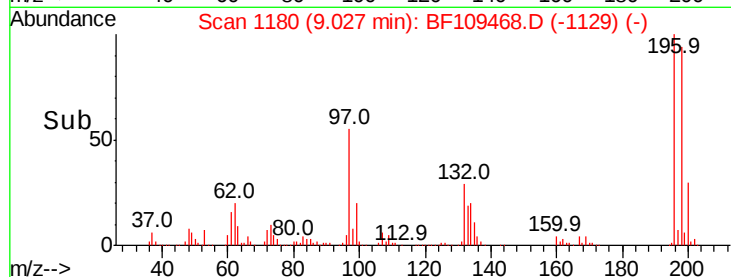
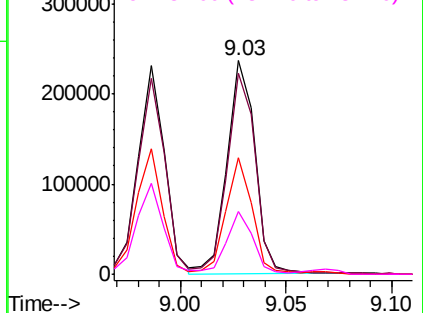
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 93.729 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

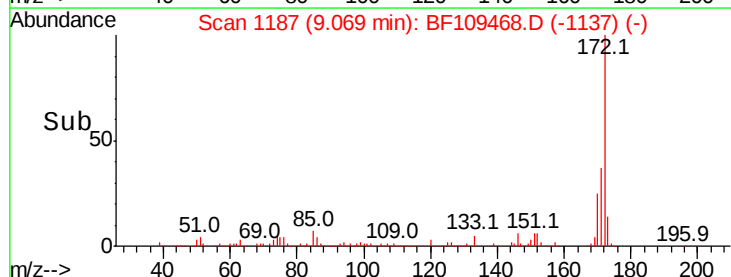
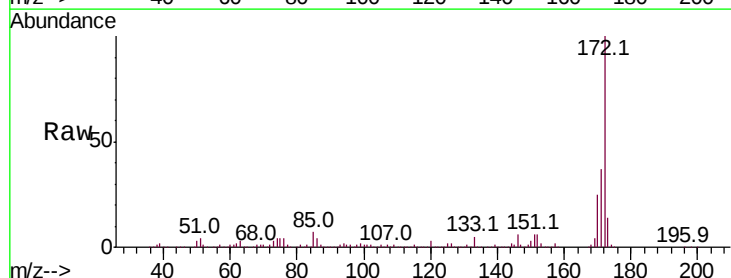
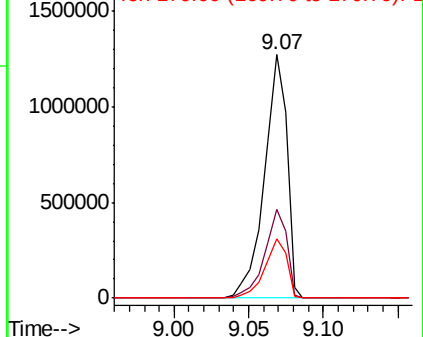
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1316445		
171	36.5	29.7	44.5	
170	24.5	19.6	29.4	

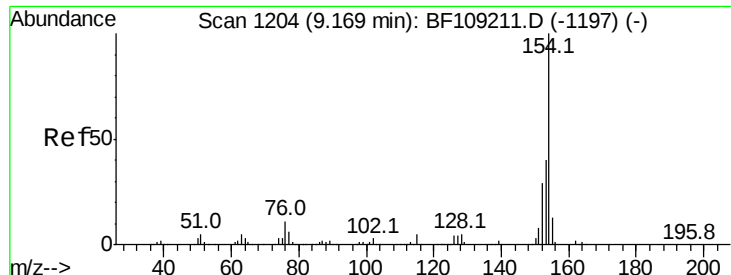
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





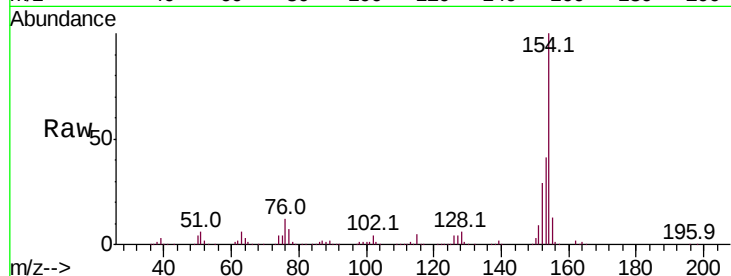
#45
 1,1'-Biphenyl
 Concen: 45.132 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.4	0.0	34.0

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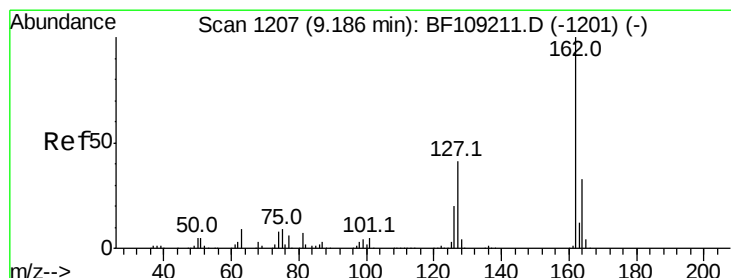
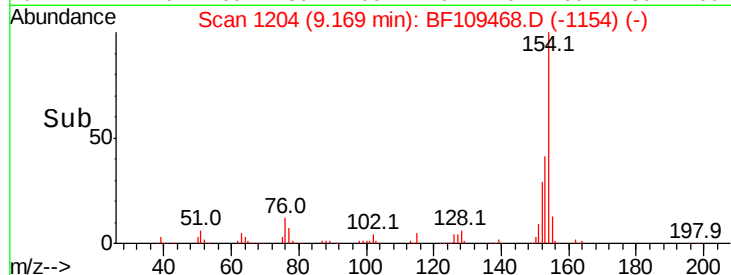
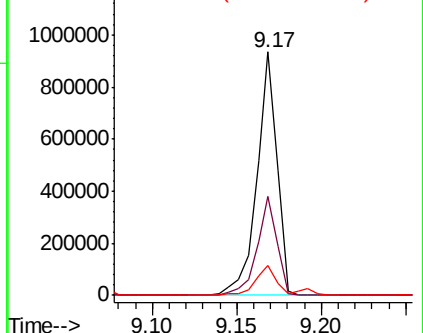


Abundance

Ion 154.00 (153.70 to 154.70): E

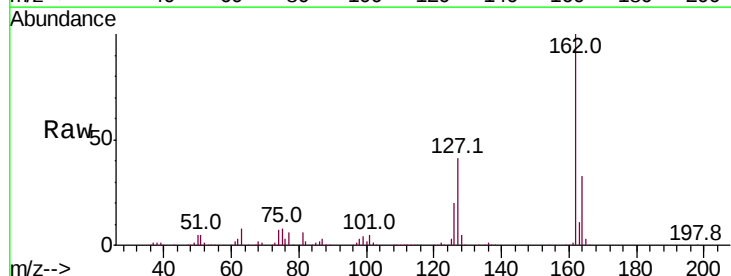
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 43.998 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	33.2	26.5	39.7

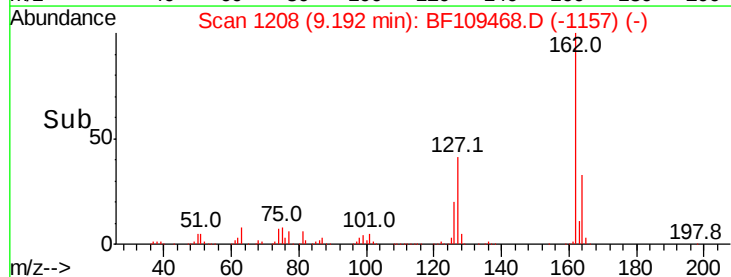
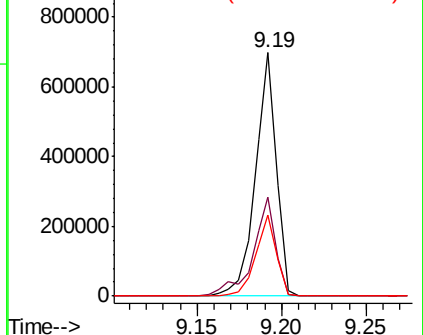


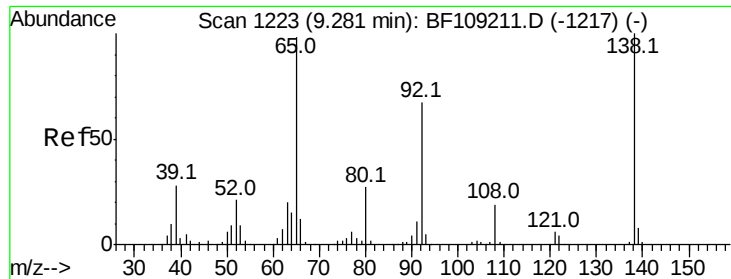
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





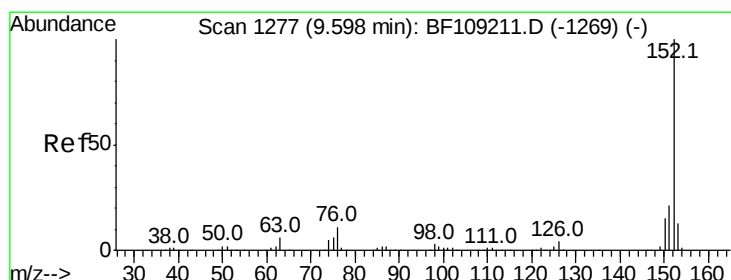
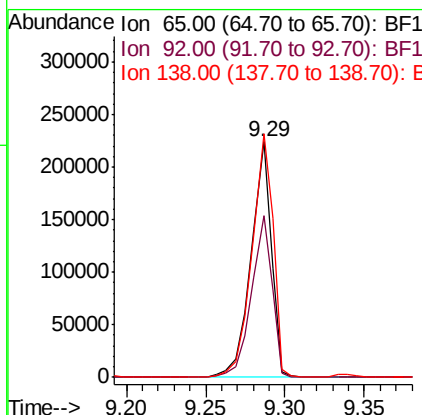
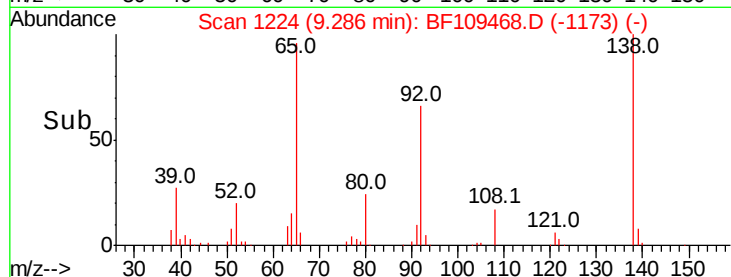
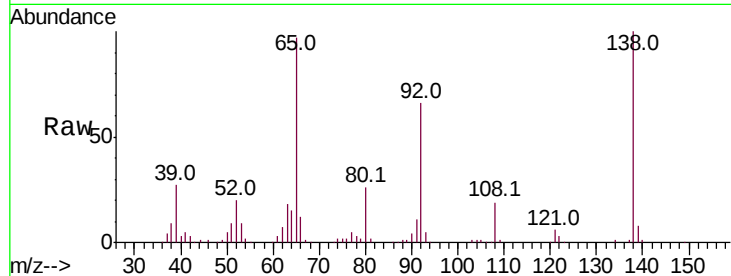
#47
2-Nitroaniline
Concen: 50.919 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.8	83.6
138	103.3	91.2	136.8

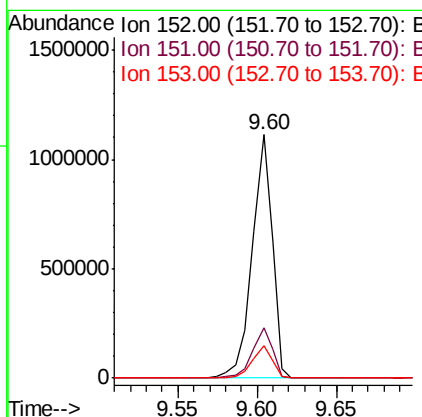
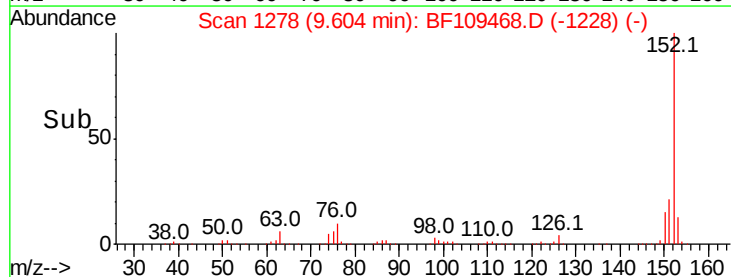
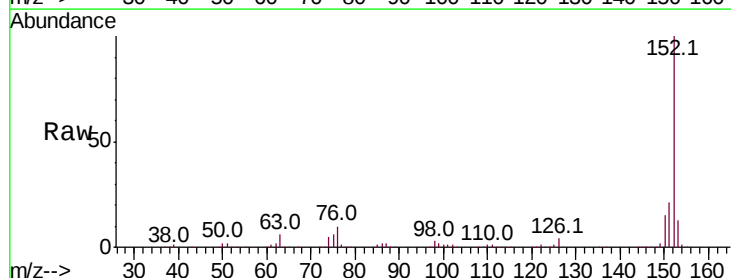
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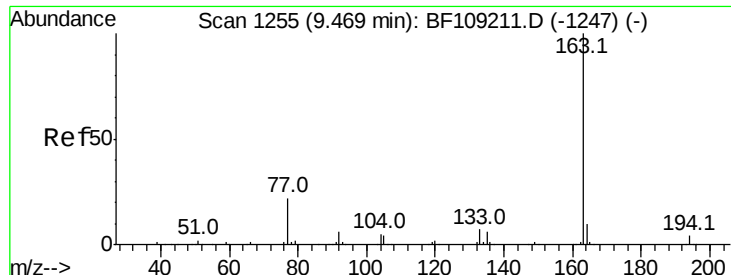
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#48
Acenaphthylene
Concen: 46.891 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1





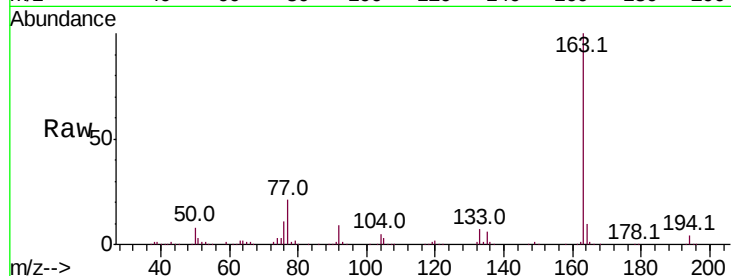
#49
Dimethylphthalate
Concen: 47.506 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleID :
PB113313BS

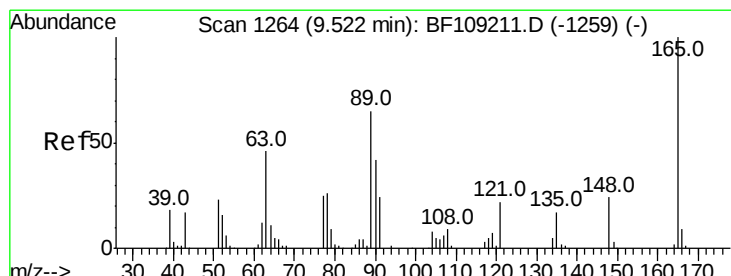
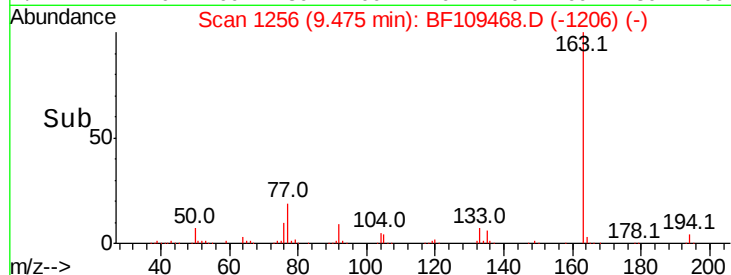
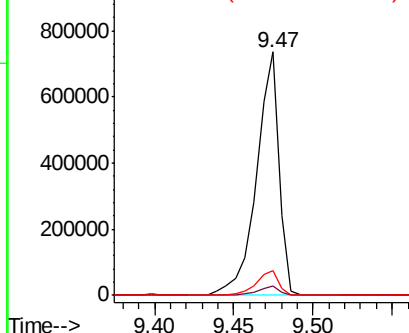
Tot Ion	Ratio	Resp	Lower	Upper
163	100	731923		
194	3.8		2.7	4.1
164	10.2		8.2	12.2

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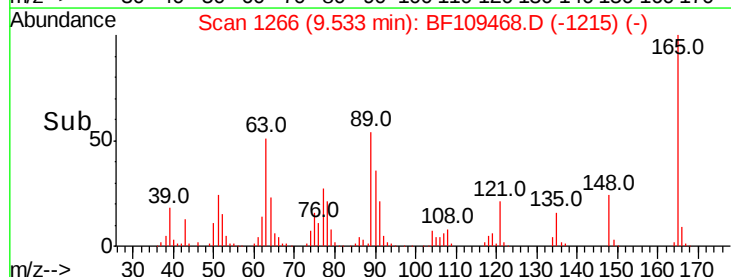
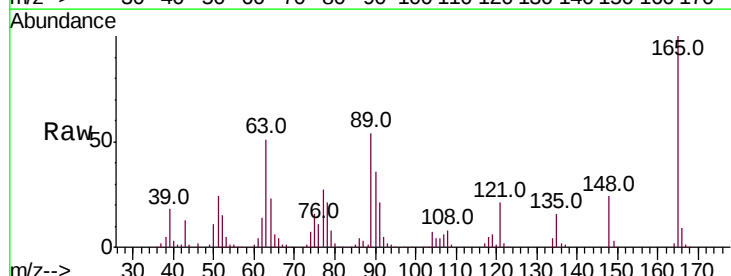
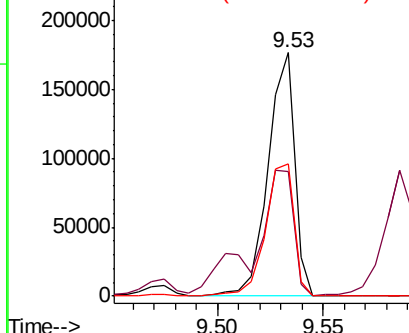
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

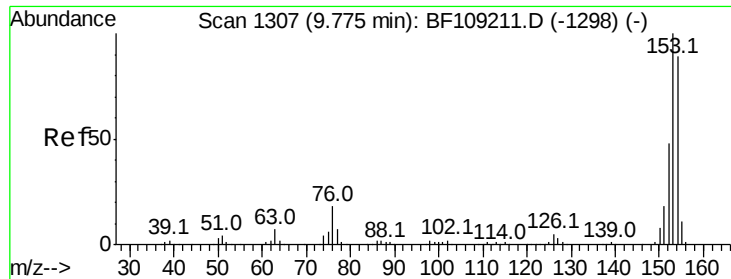


#50
2,6-Dinitrotoluene
Concen: 50.938 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155433		
63	50.9		44.7	67.1
89	54.1		44.0	66.0

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





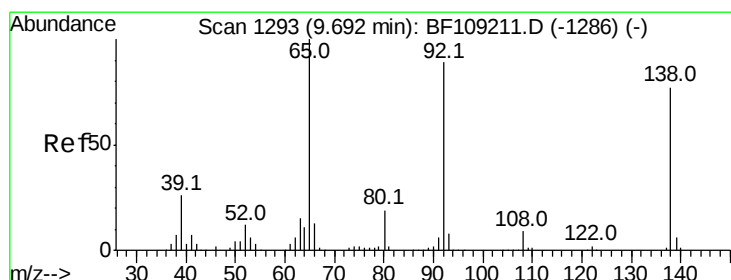
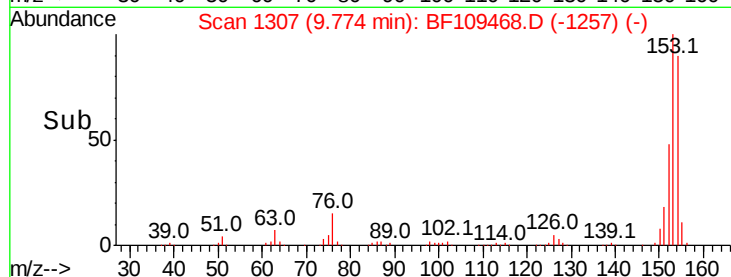
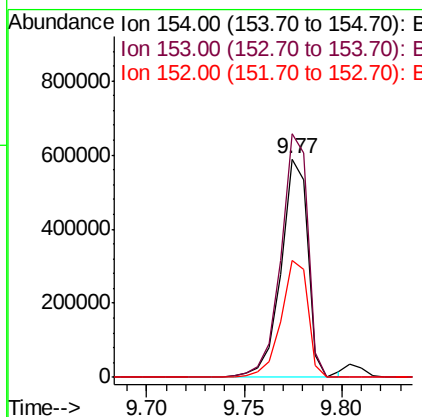
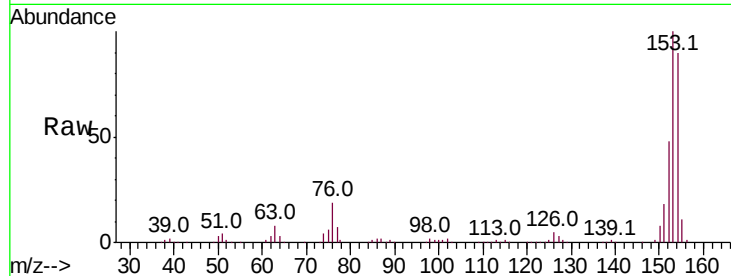
#51
Acenaphthene
Concen: 44.865 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.2	136.8
152	53.7	43.8	65.8

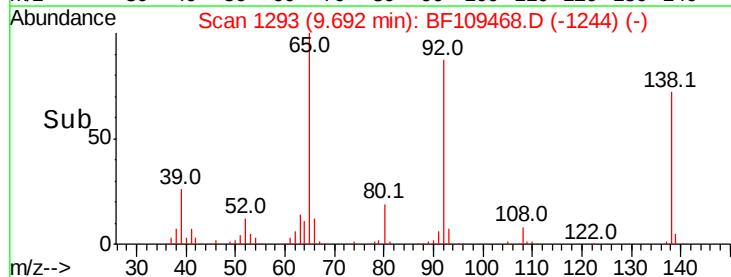
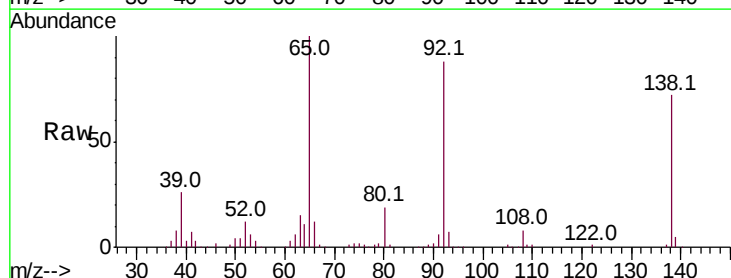
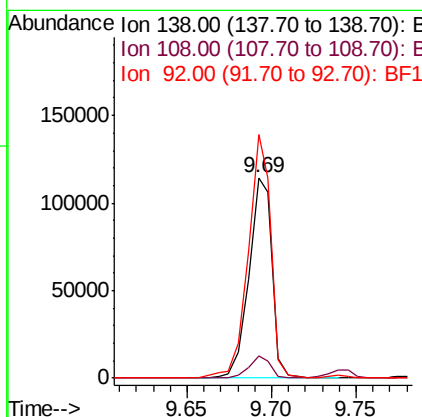
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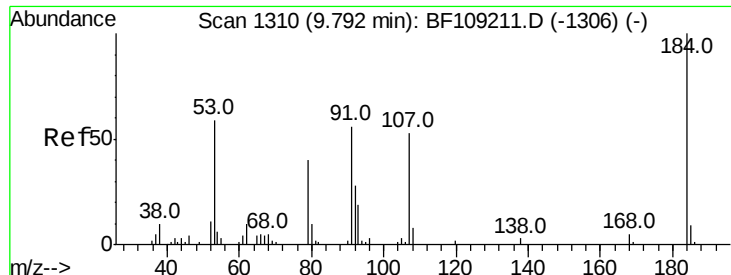
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#52
3-Nitroaniline
Concen: 31.122 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	121.4	89.4	134.2





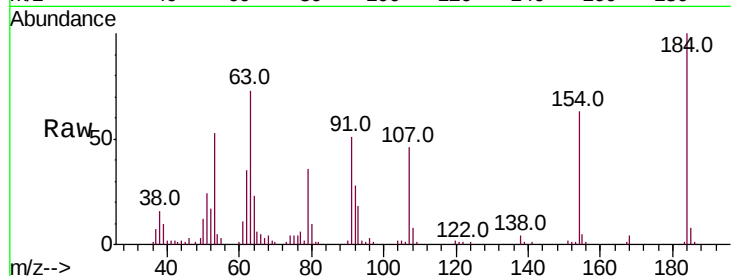
#53
 2,4-Dinitrophenol
 Concen: 48.788 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

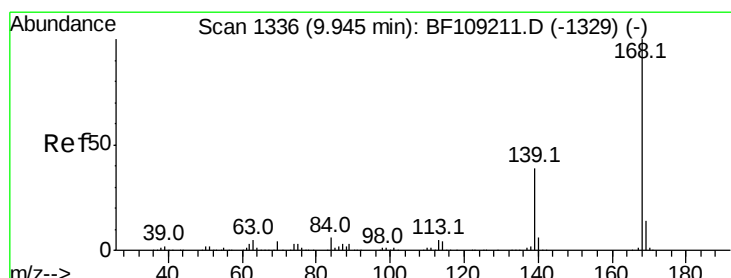
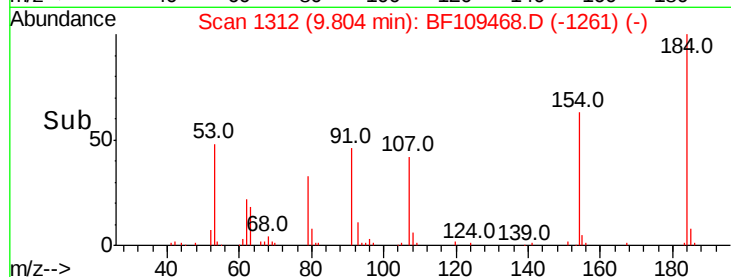
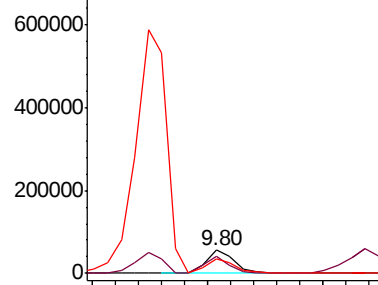
Tot Ion	Ratio	Resp	Lower	Upper
184	100	48775		
63	73.3	54.2	81.2	
154	63.2	184.0	276.0	

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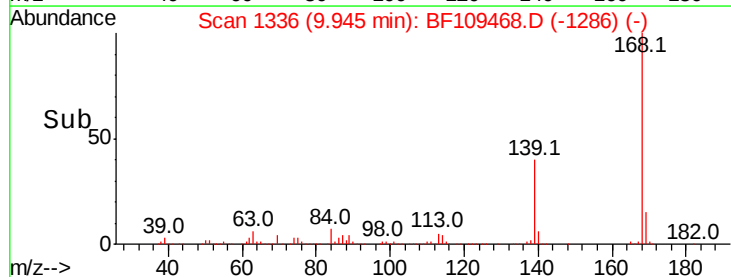
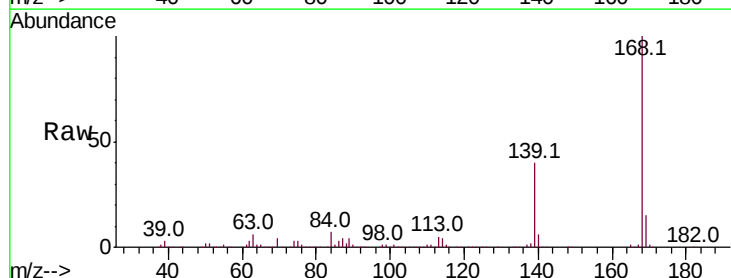
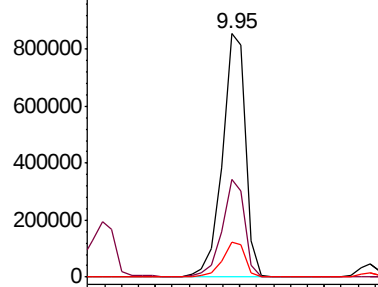
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

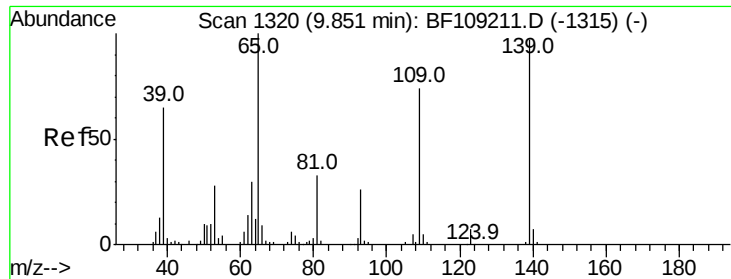


#54
 Dibenzofuran
 Concen: 43.960 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	822151		
139	39.9	30.1	45.1	
169	14.6	10.9	16.3	

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





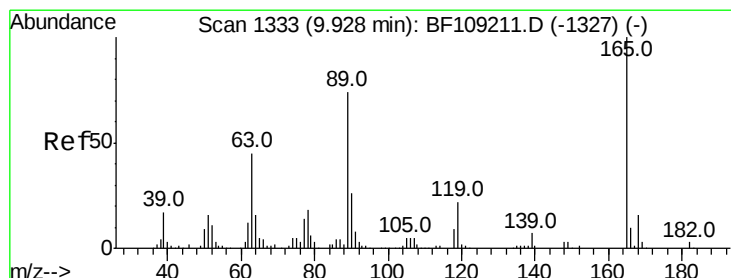
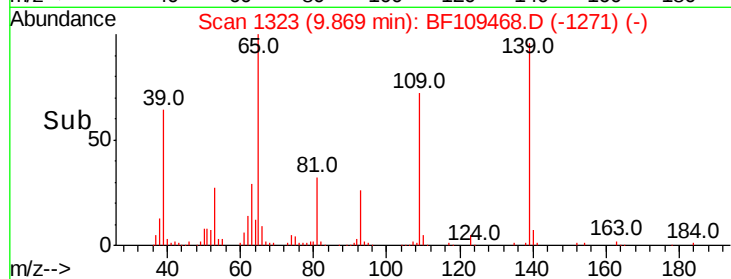
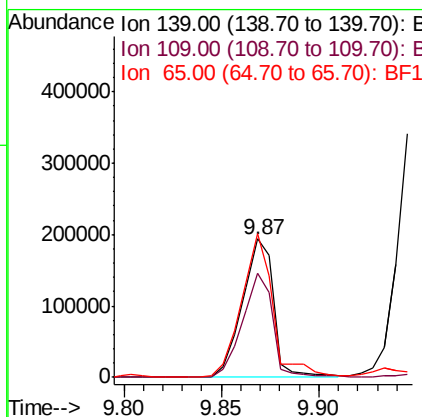
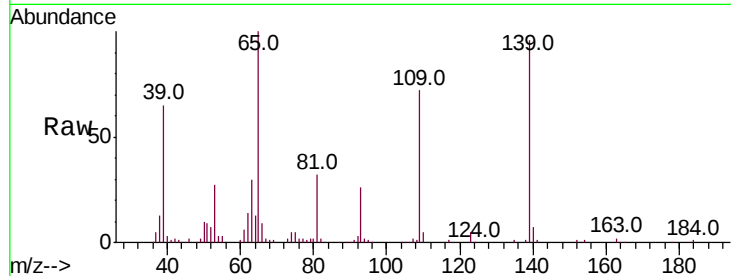
#55
4-Nitrophenol
Concen: 80.544 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.4	48.4	88.4
65	104.2	72.6	112.6

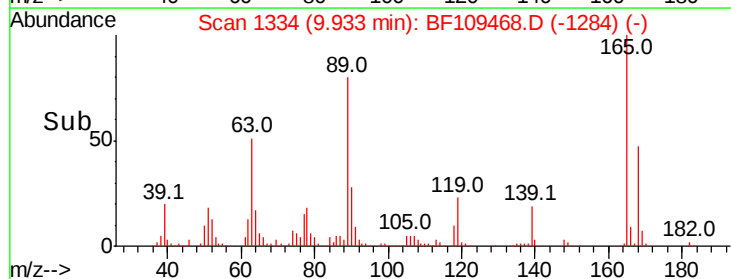
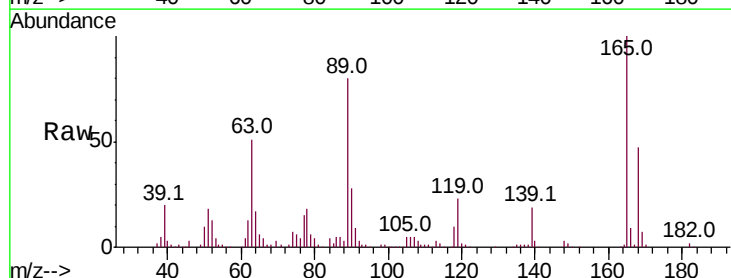
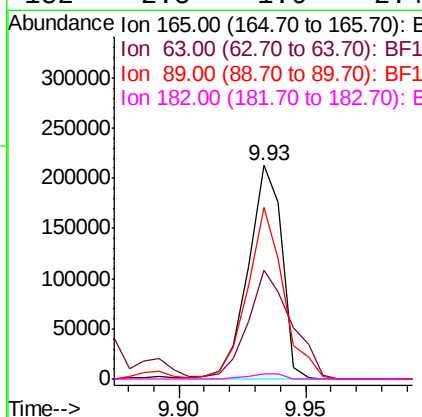
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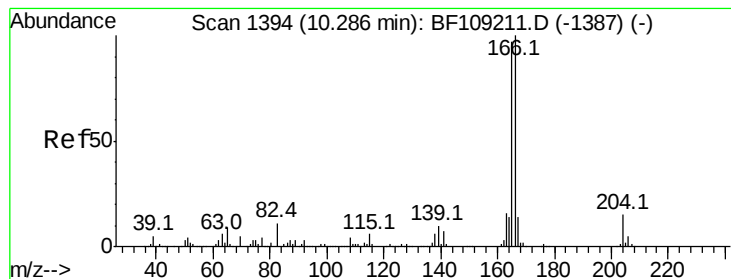
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#56
2,4-Dinitrotoluene
Concen: 50.860 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.8	36.4	54.6
89	80.2	57.8	86.6
182	2.5	1.6	2.4





#57

Fluorene

Concen: 46.773 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

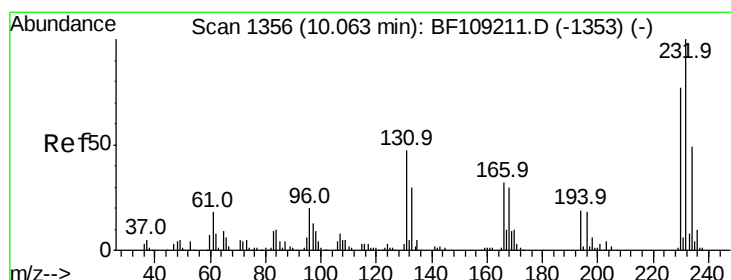
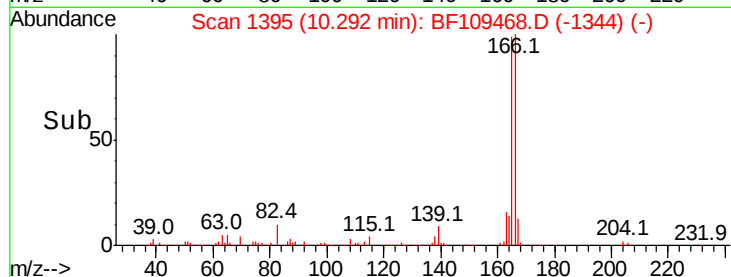
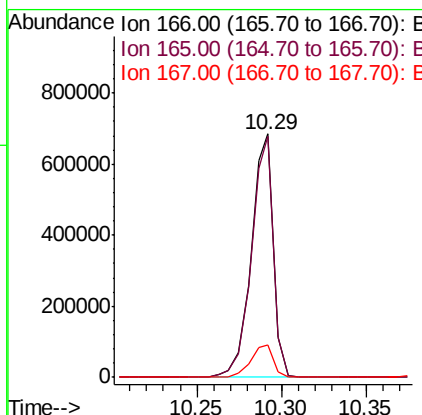
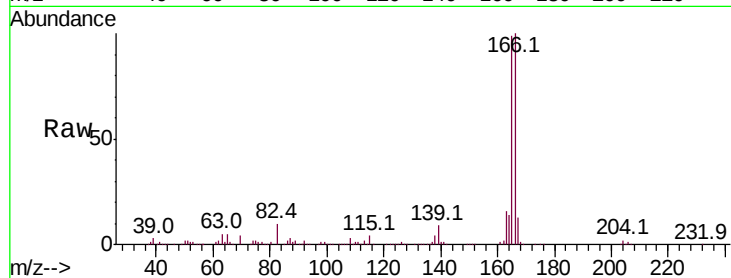
ClientSampleId :

PB113313BS

Tot Ion:	166	Resp:	624149
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	13.1	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.109 ng

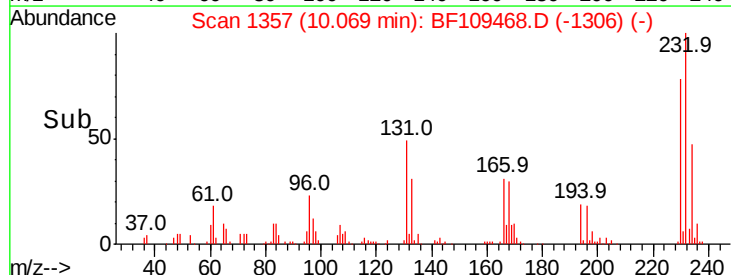
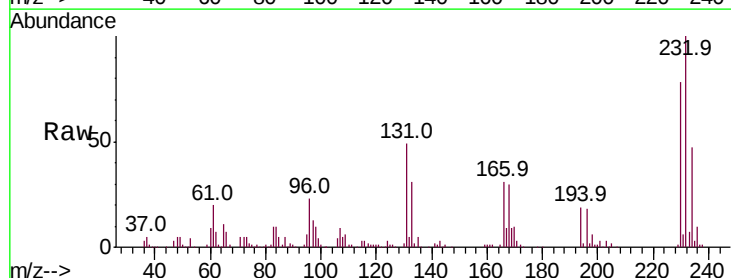
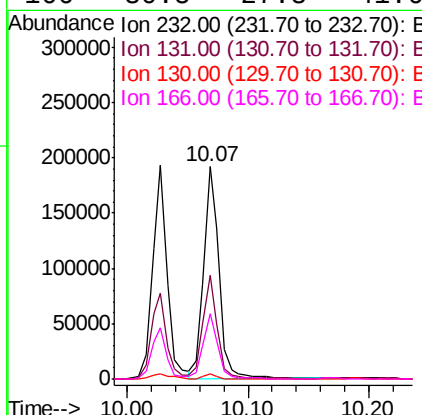
RT: 10.07 min Scan# 1357

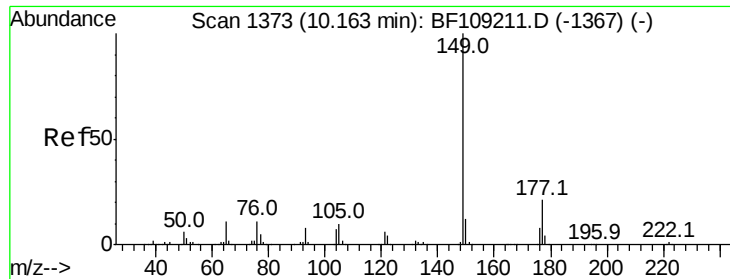
Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	232	Resp:	170451
Ion Ratio	Lower	Upper	
232	100		
131	45.6	43.8	65.8
130	2.1	2.1	3.1
166	30.5	27.8	41.6





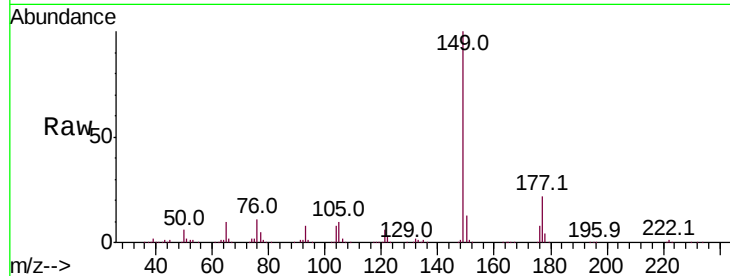
#59
Diethylphthalate
Concen: 45.460 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampled :
PB113313BS

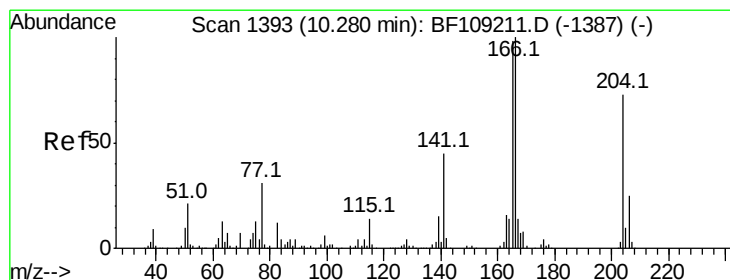
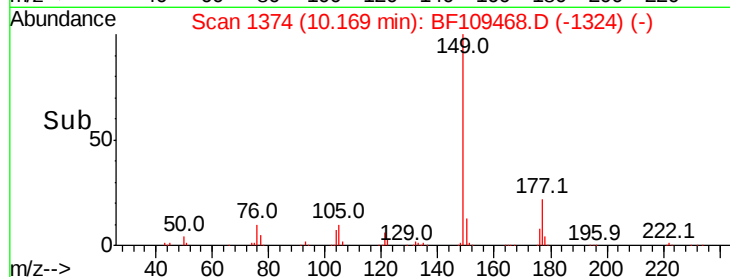
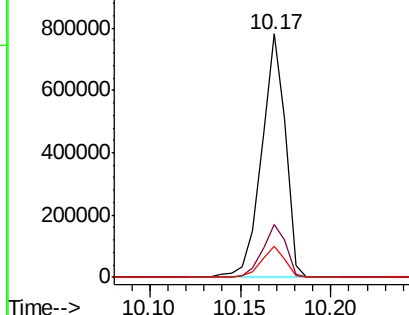
Tot Ion	Ratio	Resp	Lower	Upper
149	100	709266		
177	21.5	16.1	24.1	
150	12.7	10.1	15.1	

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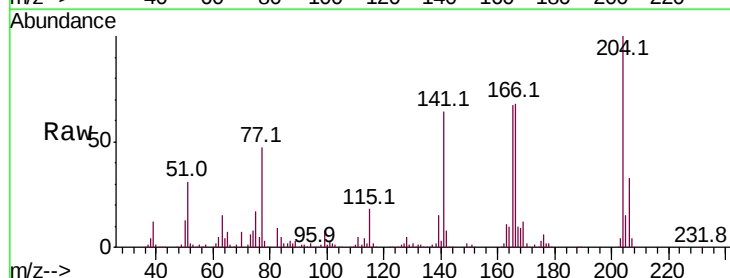


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

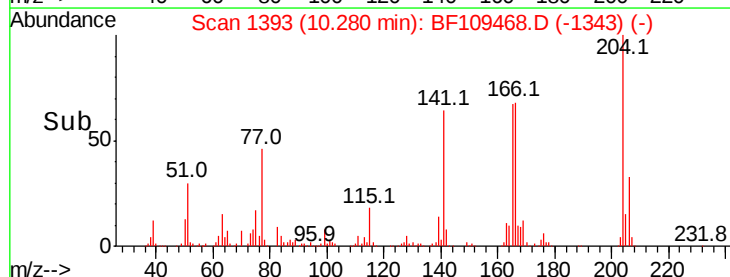
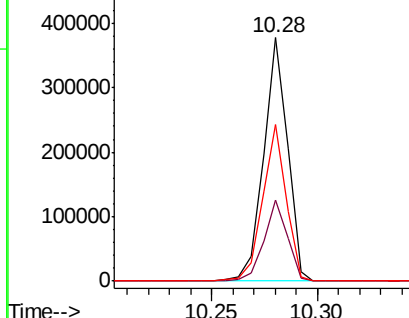


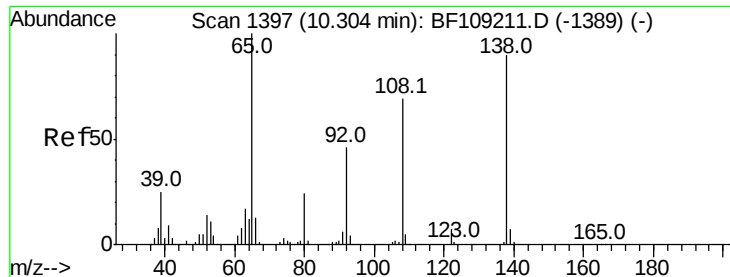
#60
4-Chlorophenyl-phenylether
Concen: 42.685 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	297503		
206	33.4	26.5	39.7	
141	64.2	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





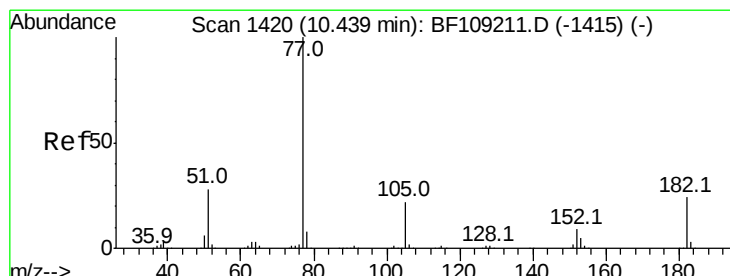
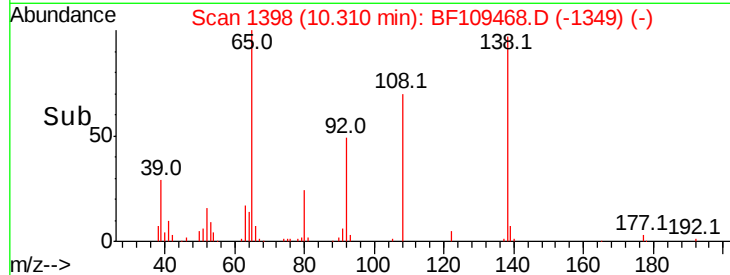
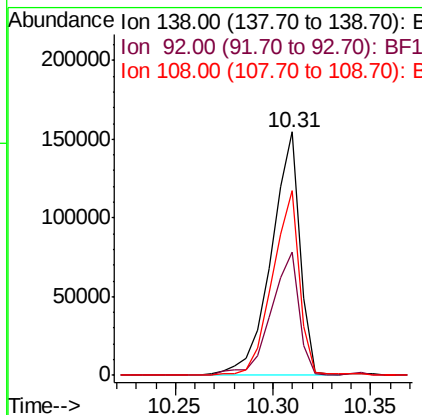
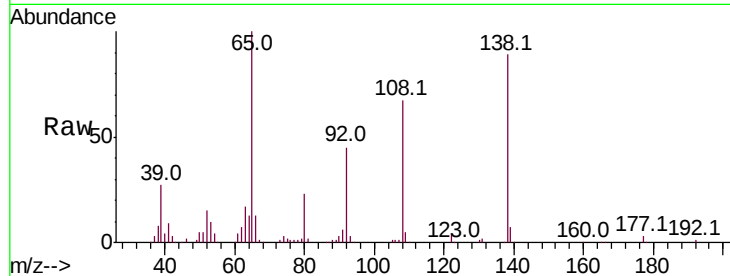
#61
4-Nitroaniline
Concen: 45.417 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampled :
PB113313BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	30.2	70.2
108	75.8	52.5	92.5

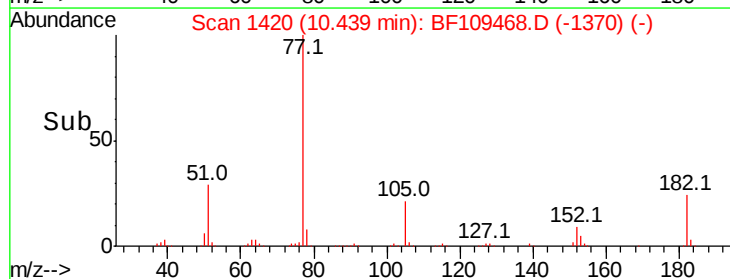
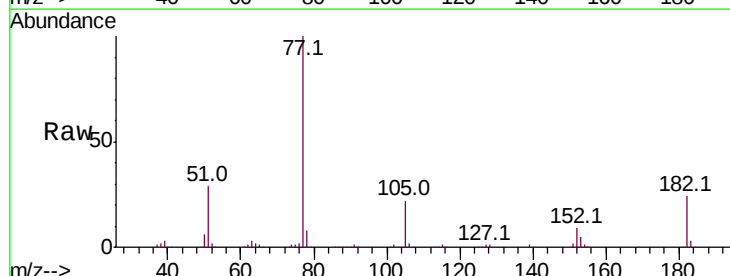
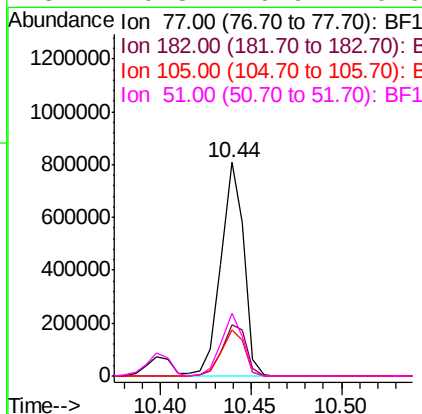
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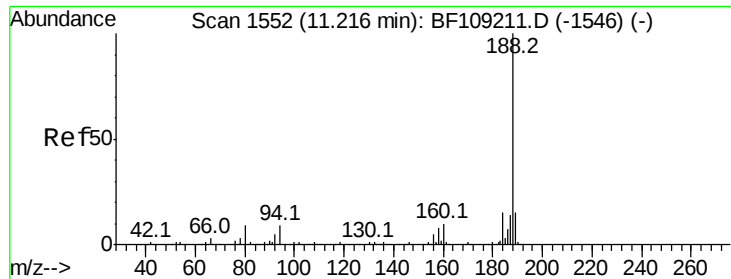
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#62
Azobenzene
Concen: 43.541 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.7	41.7
105	21.5	3.0	43.0
51	29.3	9.9	49.9





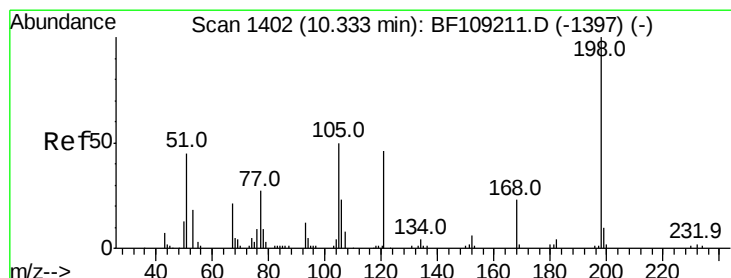
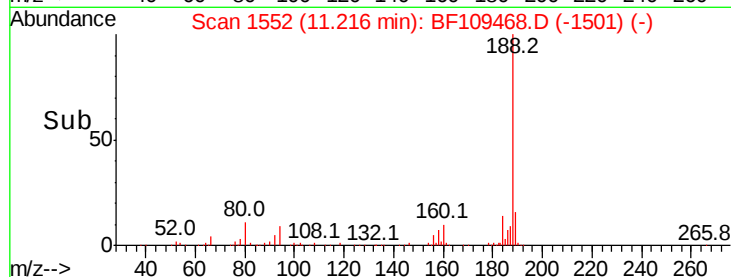
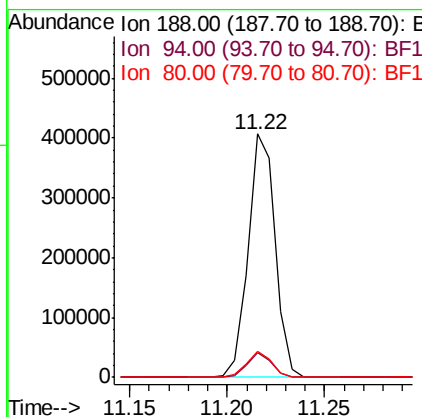
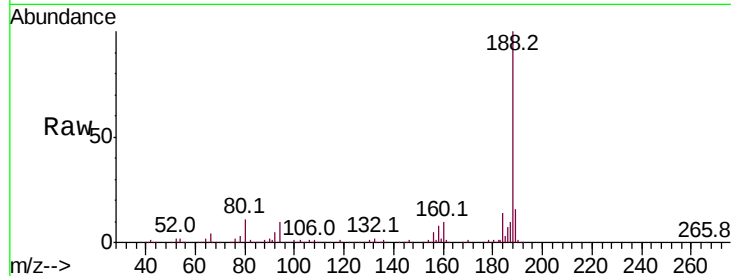
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampled :
PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	388892		
94	10.4		8.5	12.7
80	10.7		9.2	13.8

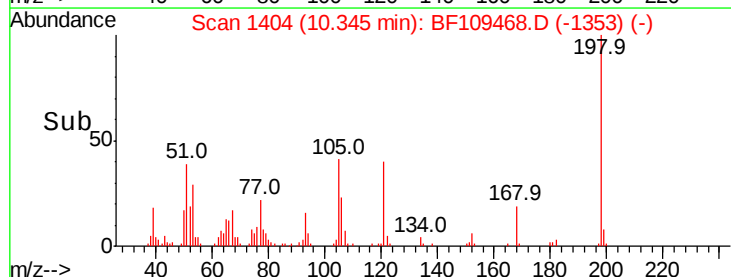
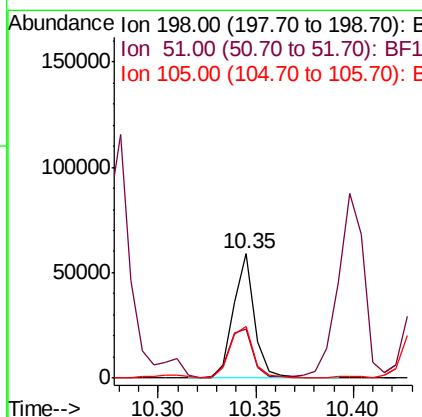
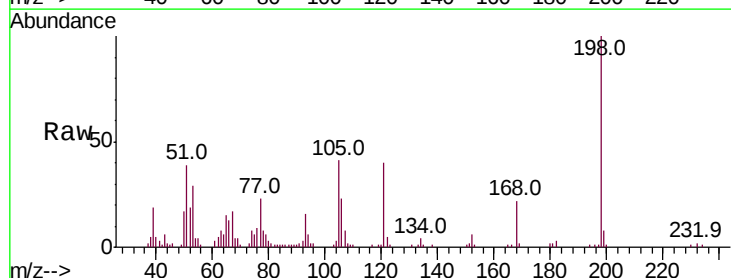
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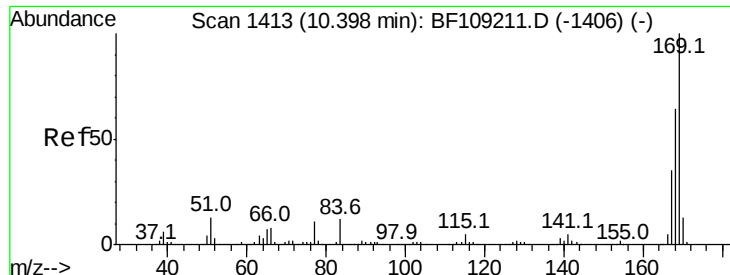
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.011 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	44112		
51	39.1		37.7	77.7
105	41.1		36.3	76.3





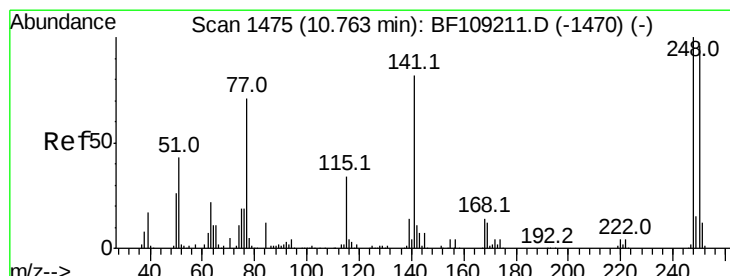
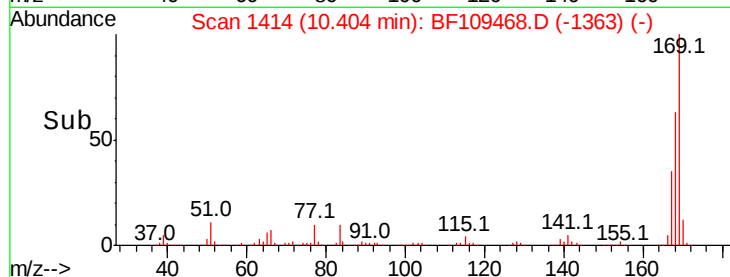
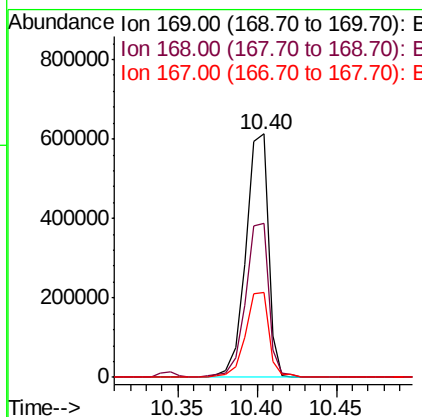
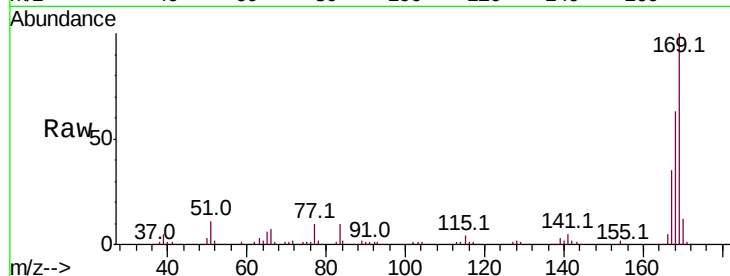
#65
 n-Nitrosodiphenylamine
 Concen: 46.922 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.3	54.4	81.6	
167	35.0	29.8	44.6	

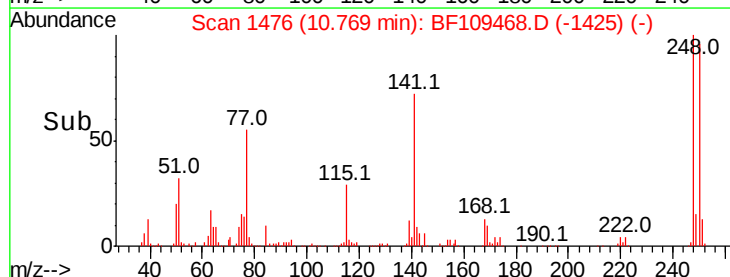
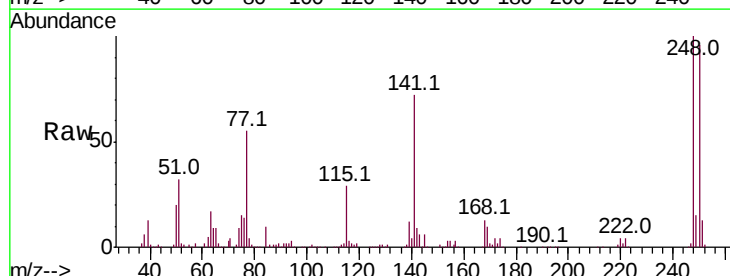
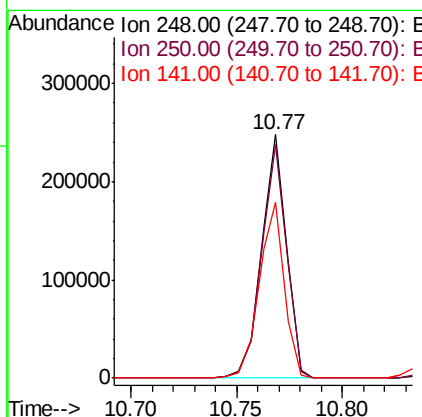
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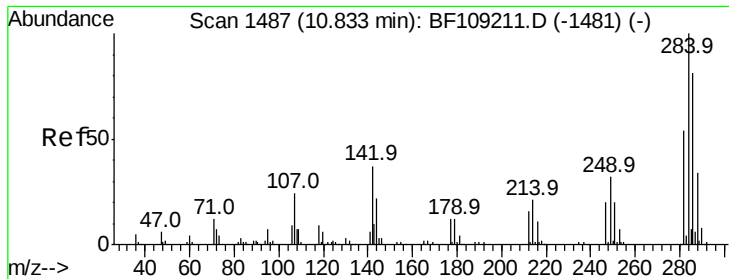
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#66
 4-Bromophenyl-phenylether
 Concen: 46.974 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.8	76.9	115.3	
141	72.3	74.4	111.6	





#67

Hexachlorobenzene

Concen: 45.601 ng

RT: 10.84 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

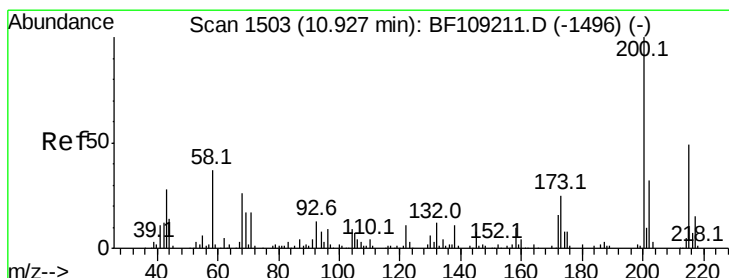
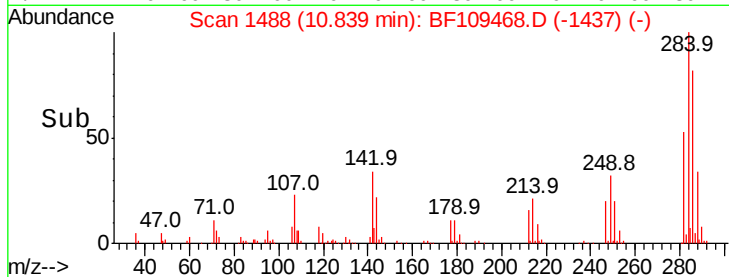
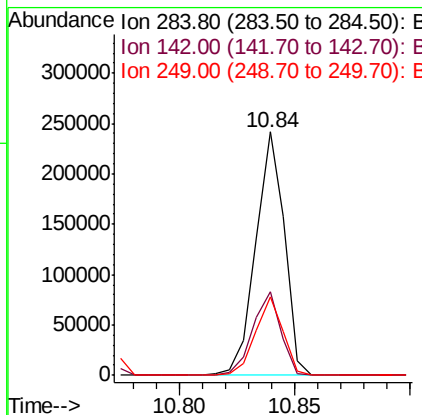
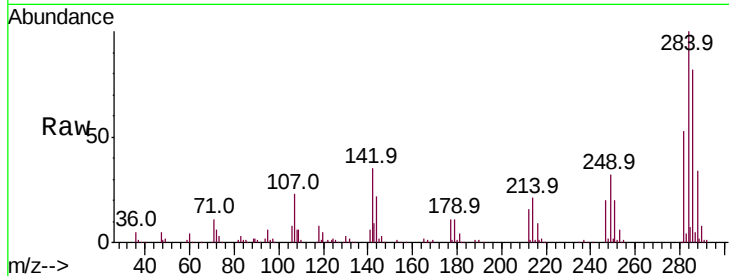
ClientSampleId :

PB113313BS

Tot Ion:	284	Resp:	209148
Ion Ratio	Lower	Upper	
284	100		
142	34.6	34.6	52.0#
249	32.0	24.8	37.2

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#68

Atrazine

Concen: 49.979 ng

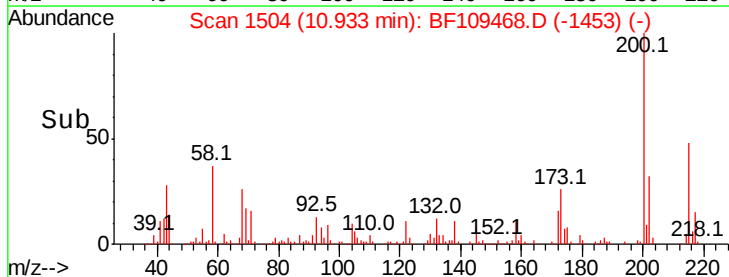
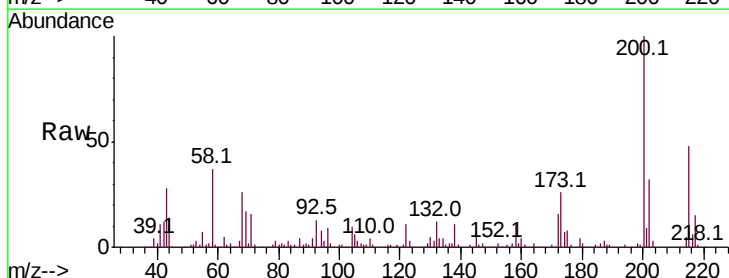
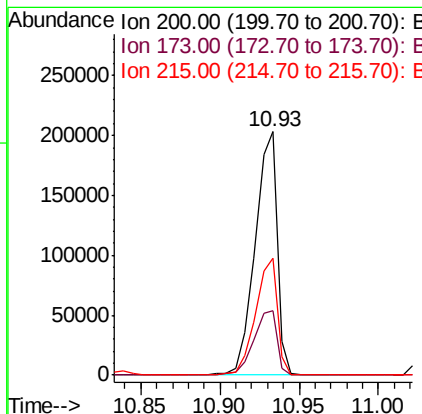
RT: 10.93 min Scan# 1504

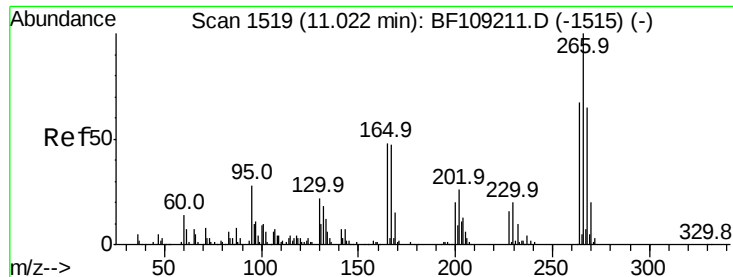
Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	200	Resp:	197500
Ion Ratio	Lower	Upper	
200	100		
173	26.4	8.6	48.6
215	48.1	25.1	65.1





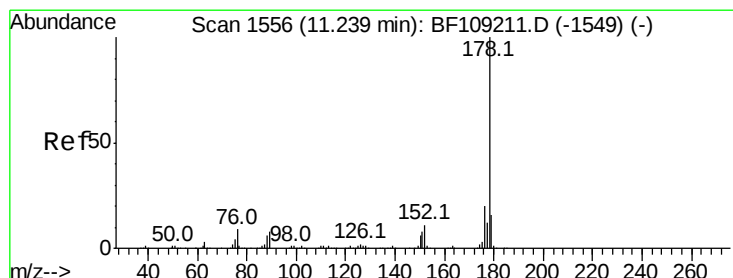
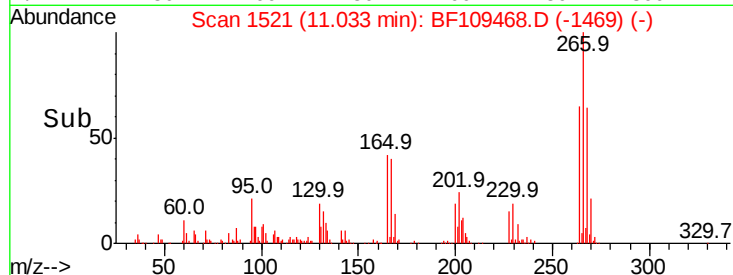
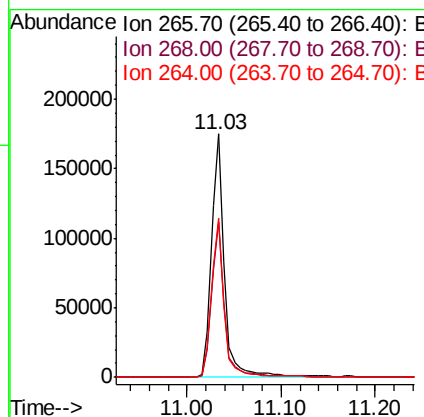
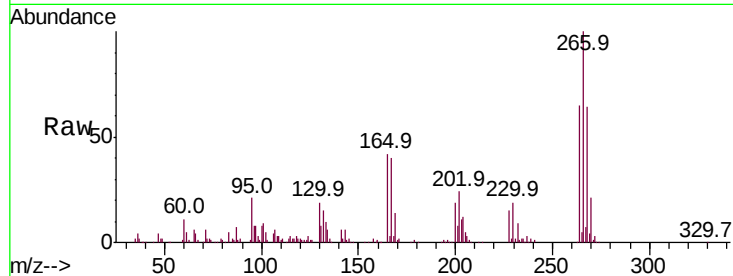
#69
 Pentachlorophenol
 Concen: 63.107 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	173233		
268	63.9	51.1	76.7	
264	65.2	49.5	74.3	

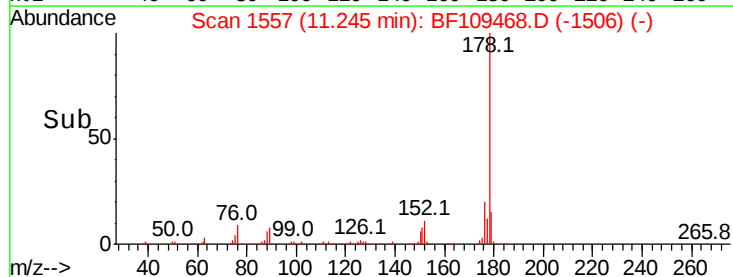
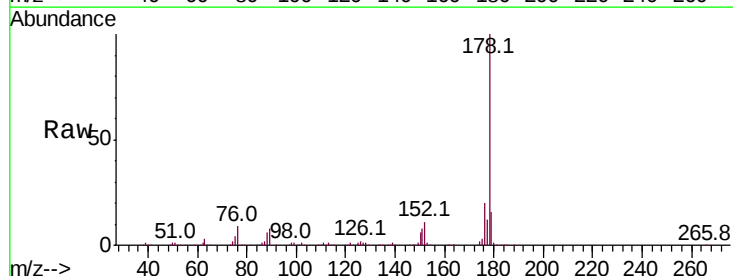
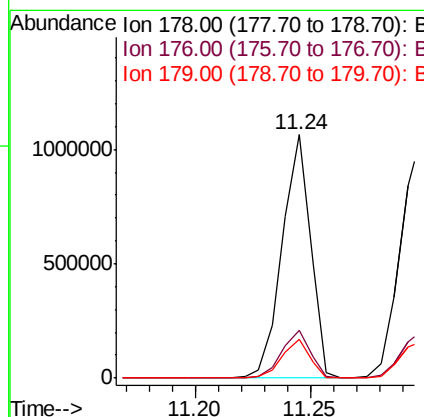
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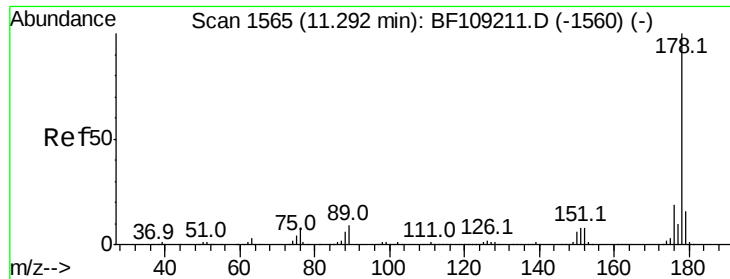
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#70
 Phenanthrene
 Concen: 46.690 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	906603		
176	19.8	15.8	23.8	
179	15.8	13.0	19.6	





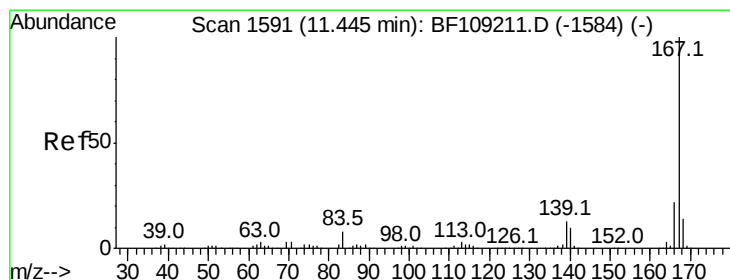
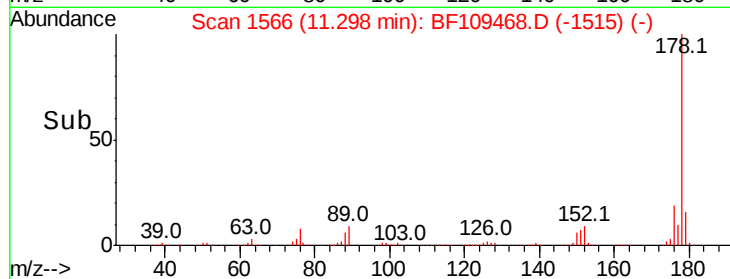
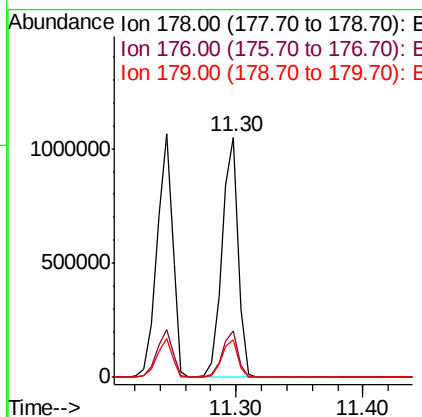
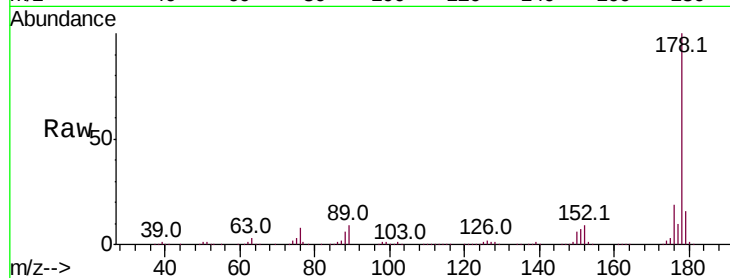
#71
 Anthracene
 Concen: 47.431 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	934130		
176	19.4		15.4	23.2
179	15.6		12.6	19.0

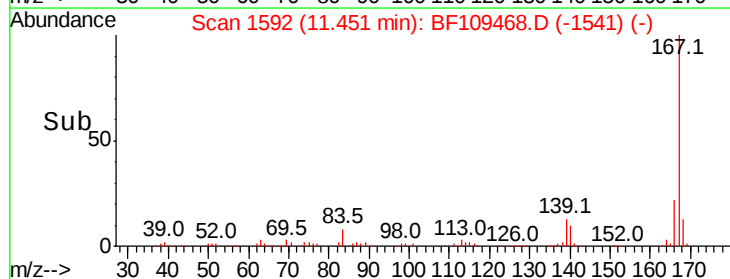
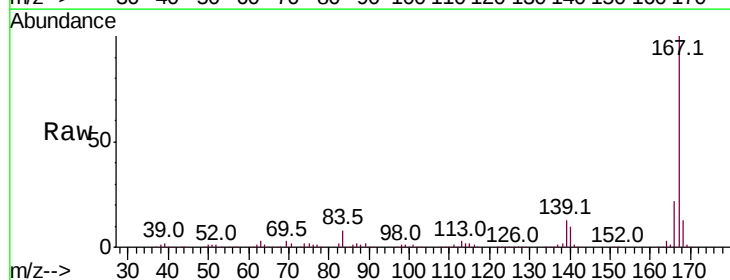
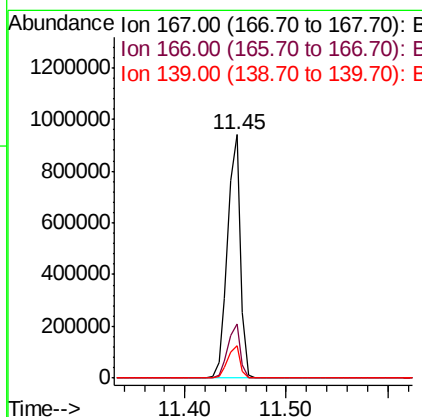
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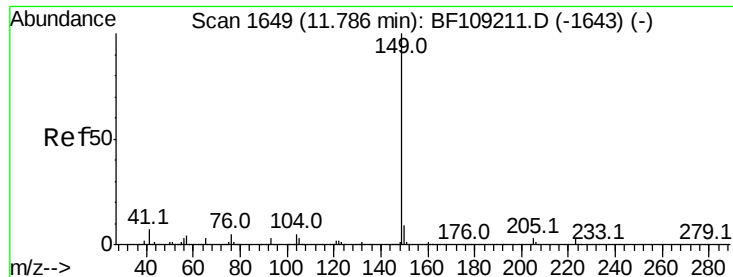
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#72
 Carbazole
 Concen: 42.494 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	832659		
166	22.1		17.6	26.4
139	13.2		10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.508 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

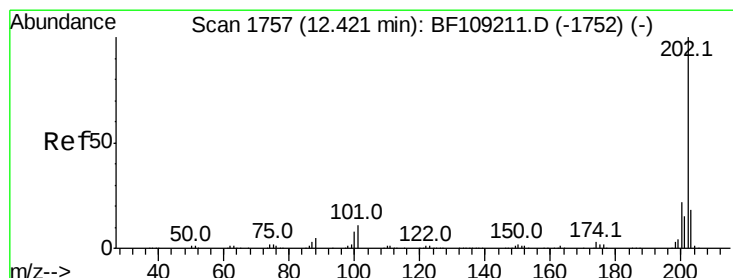
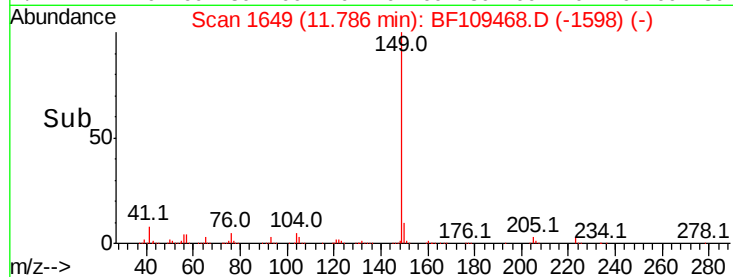
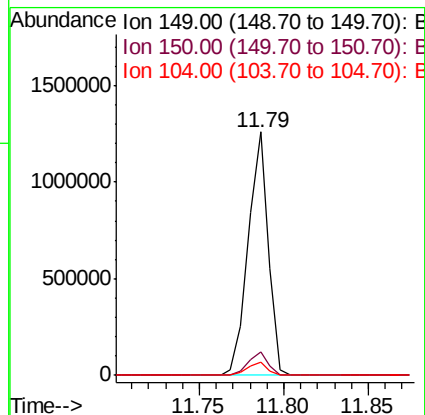
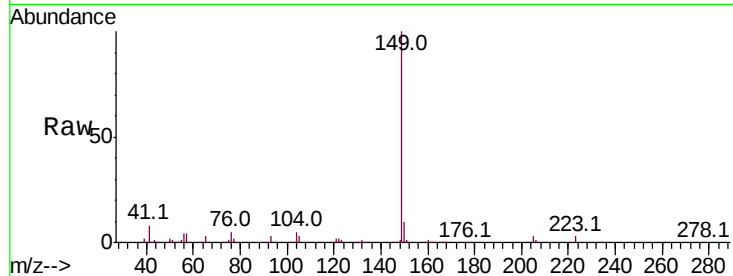
ClientSampleId :

PB113313BS

Tot Ion:	149	Resp:	1049123
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 43.518 ng

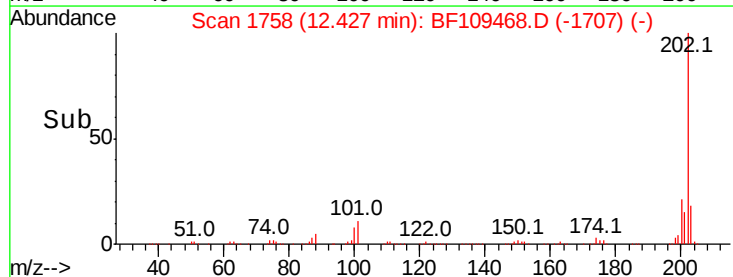
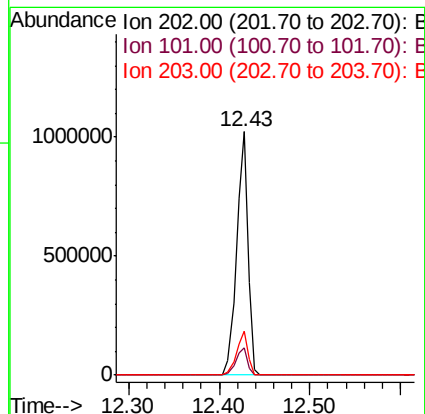
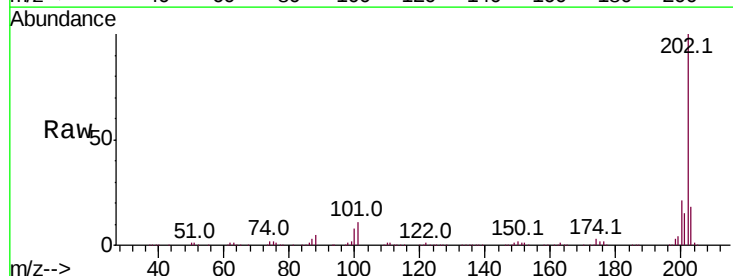
RT: 12.43 min Scan# 1758

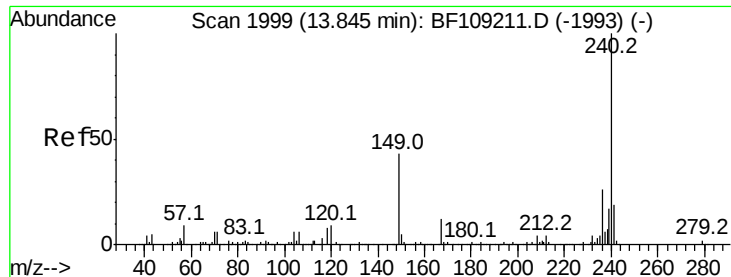
Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	202	Resp:	903033
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

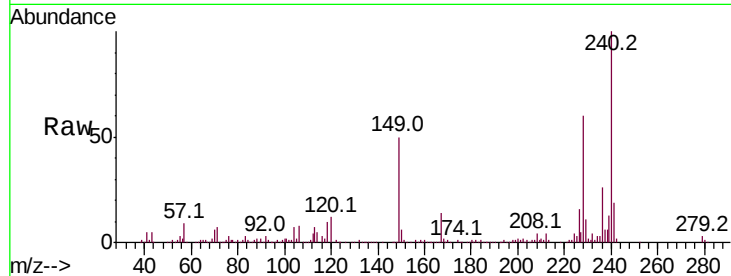
ClientSampleId :

PB113313BS

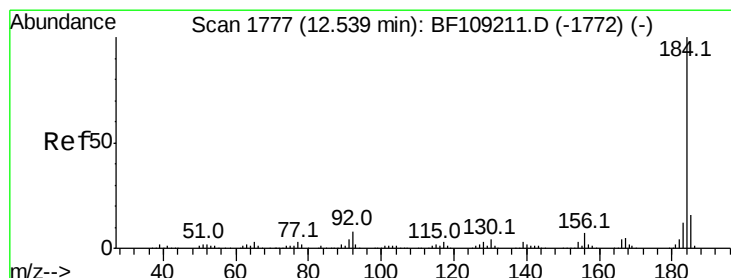
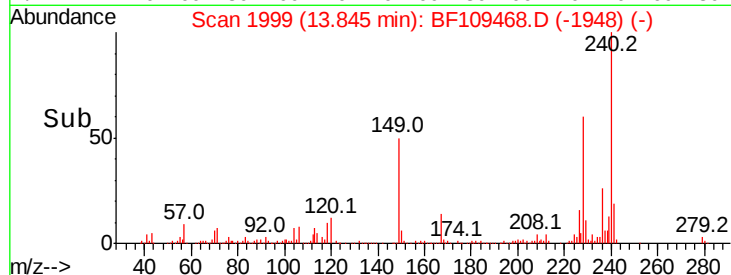
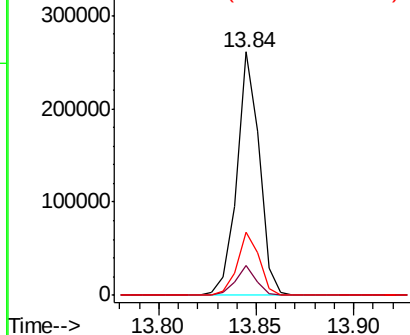
Tot Ion:	240	Resp:	208168
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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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: 44.983 ng

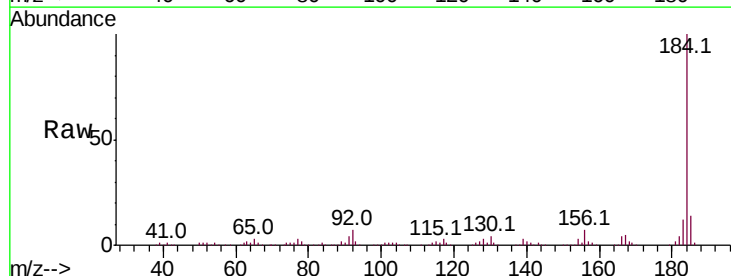
RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

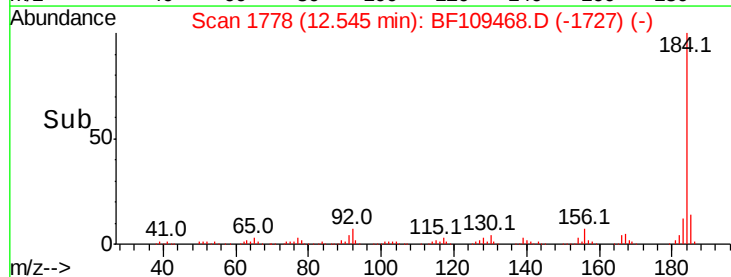
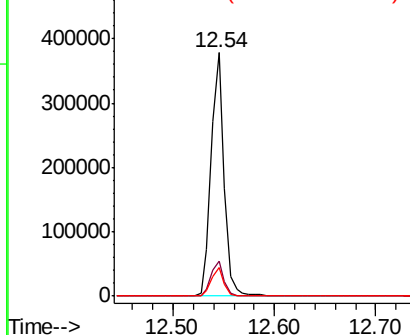
Lab File: BF109468.D

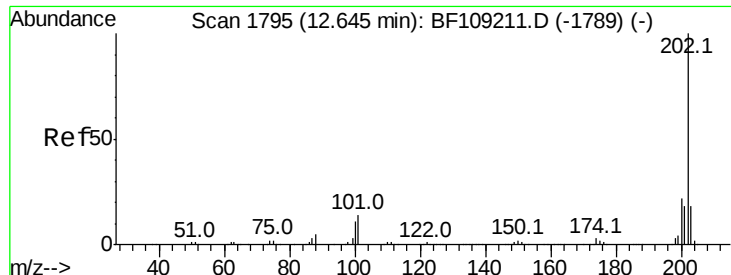
Acq: 29 Sep 2018 9:03

Tgt Ion:	184	Resp:	337620
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.5	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





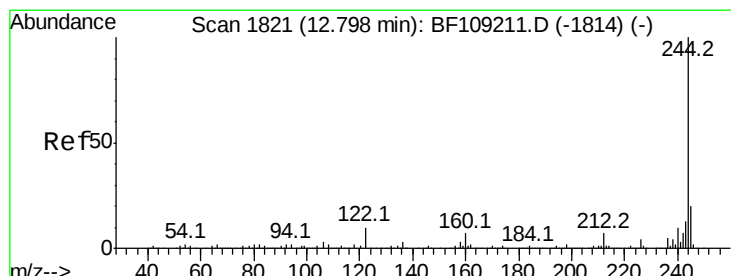
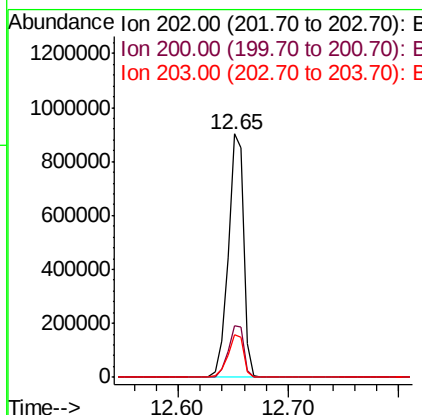
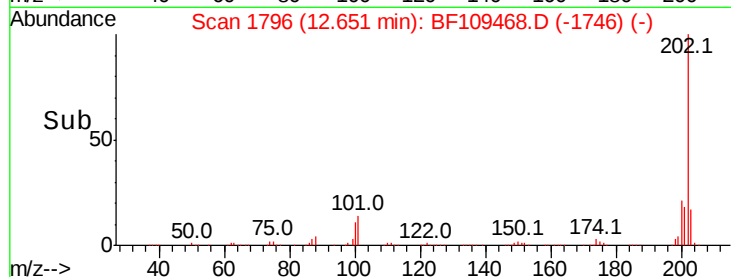
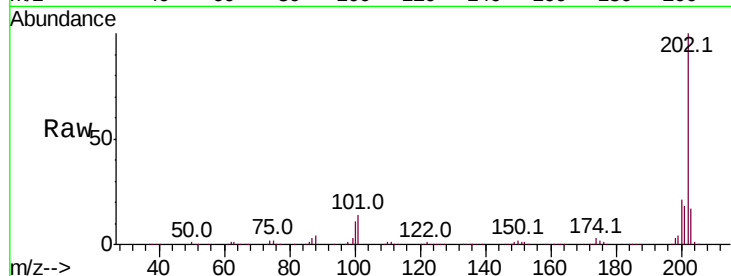
#77
Pvrene
Concen: 58.903 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	878780		
200	21.3		17.4	26.2
203	17.5		14.3	21.5

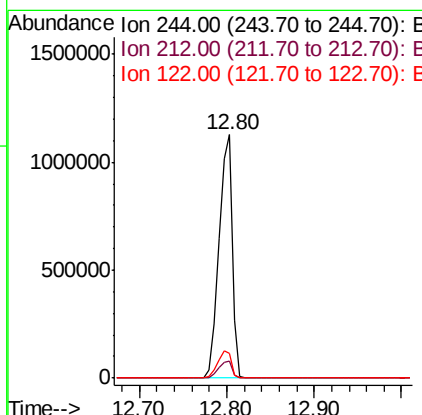
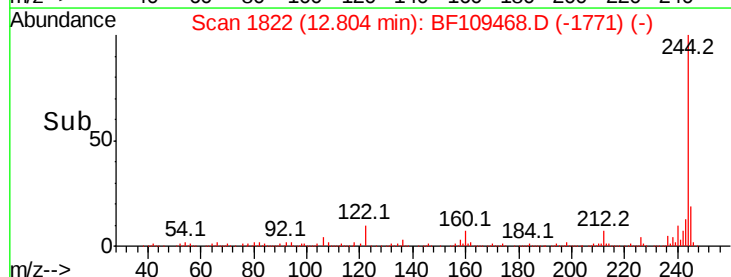
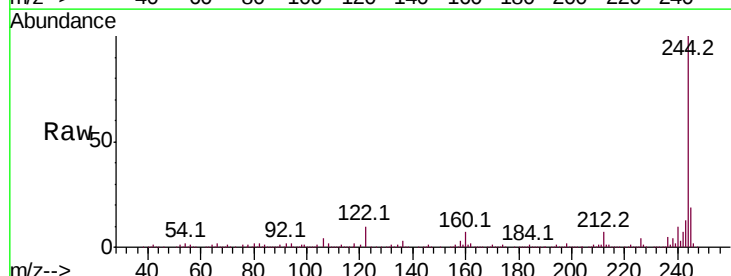
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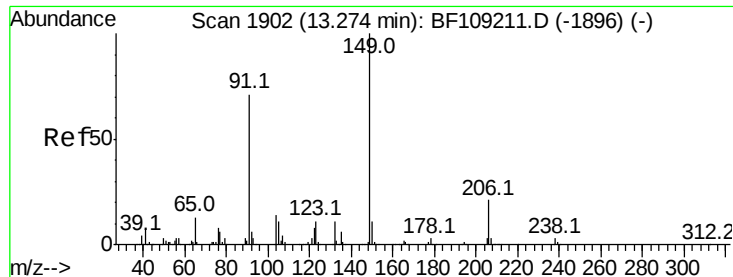
Sohil
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#78
Terphenyl-d14
Concen: 140.415 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1191029		
212	7.0		5.4	8.0
122	10.4		11.0	16.4#





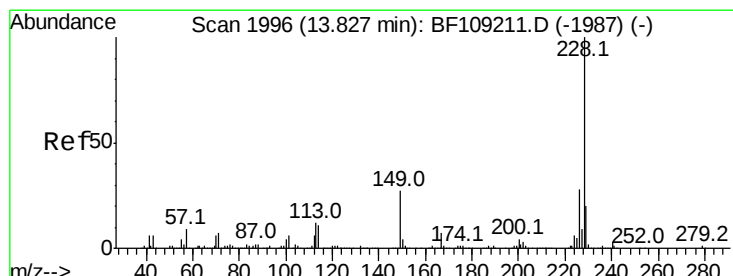
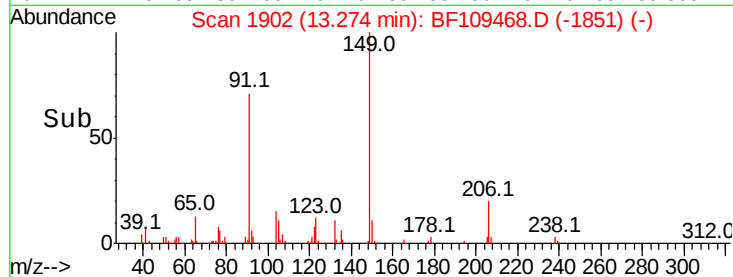
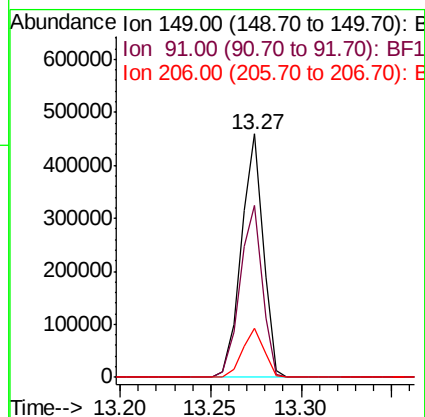
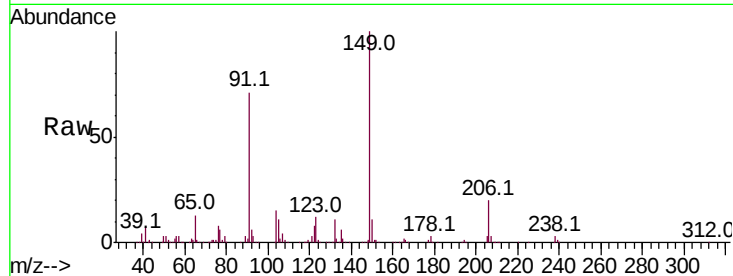
#79
Butylbenzylphthalate
Concen: 60.698 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	385260		
91	70.5	56.8	85.2	
206	20.2	14.1	21.1	

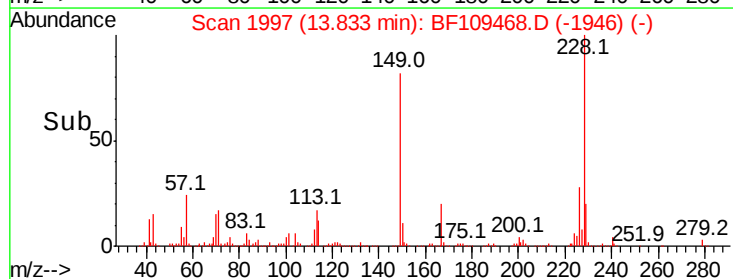
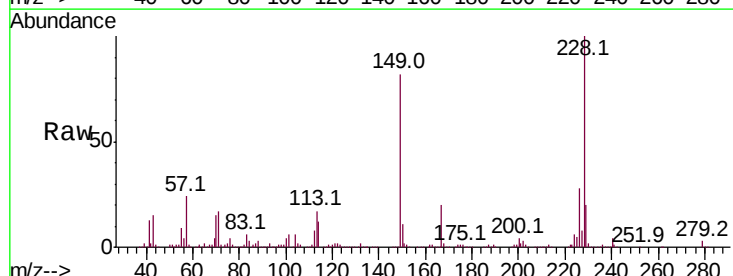
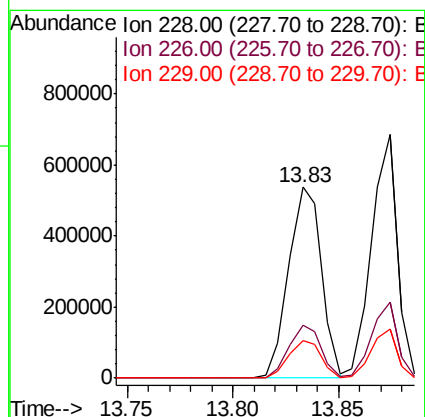
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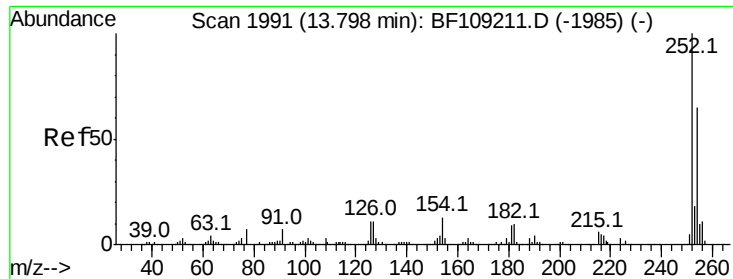
Sohil
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#80
Benzo(a)anthracene
Concen: 46.652 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	584955		
226	27.9	22.6	33.8	
229	19.9	15.8	23.6	





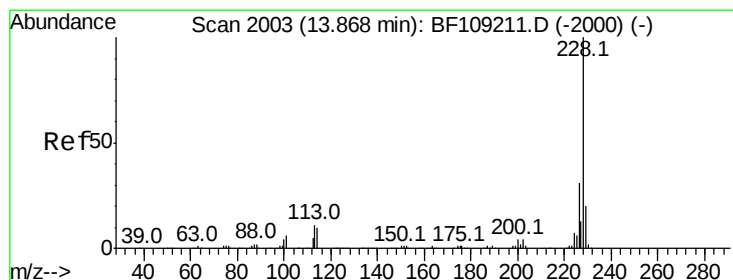
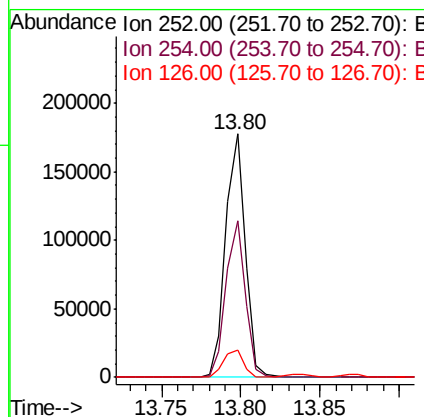
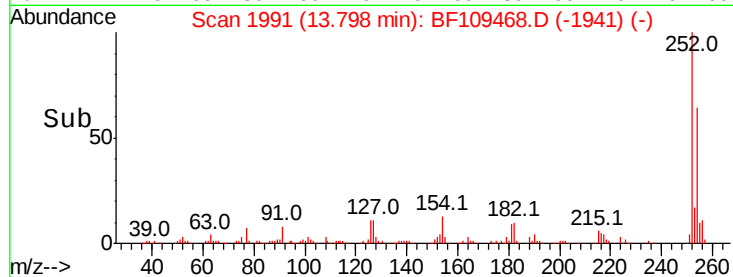
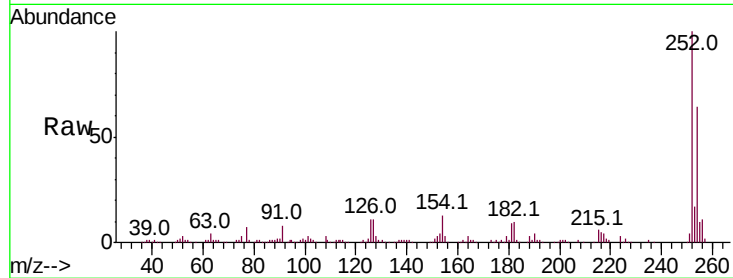
#81
 3,3'-Dichlorobenzidine
 Concen: 32.071 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion:	252	Resp:	152827
Ion Ratio	Lower	Upper	
252	100		
254	64.3	50.4	75.6
126	11.4	11.3	16.9

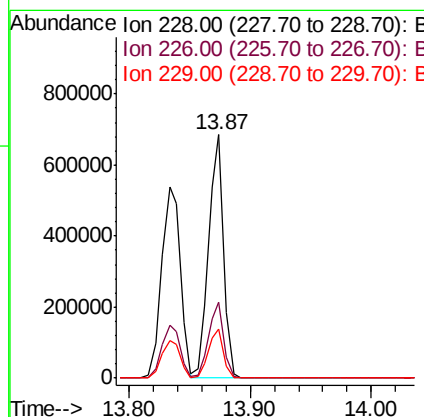
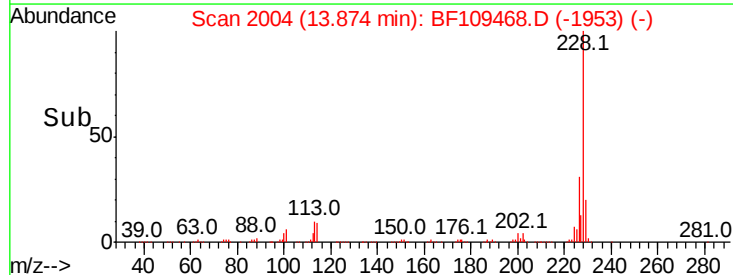
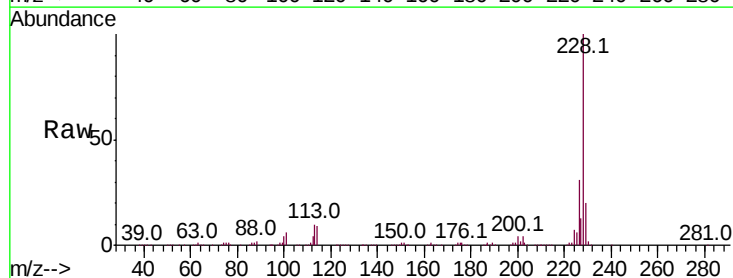
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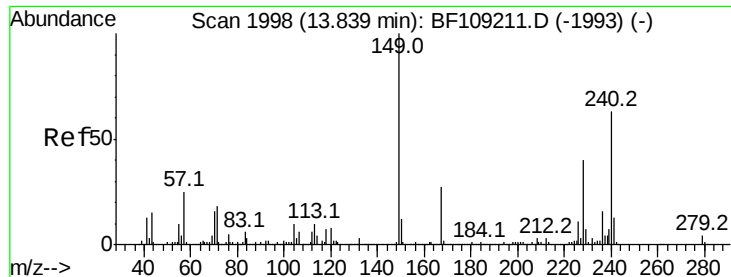
Sohil
 10/1/2018 9:57:34 AM



#82
 Chrysene
 Concen: 47.072 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion:	228	Resp:	584991
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.504 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Instrument :

BNA_F

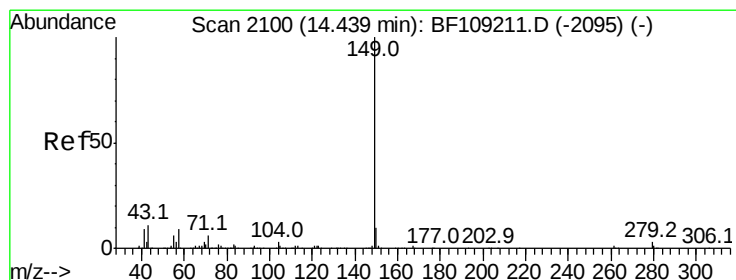
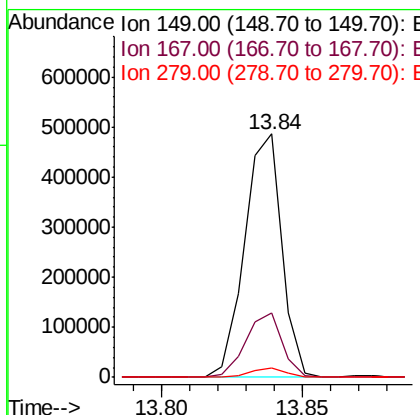
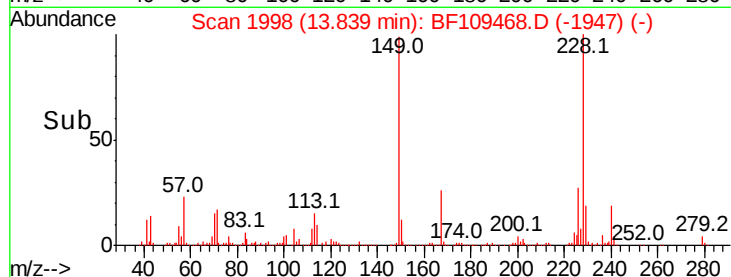
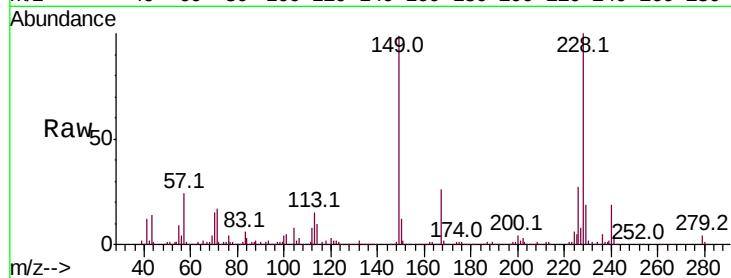
ClientSampleId :

PB113313BS

Tot Ion:	149	Resp:	444303
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.9	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 50.169 ng

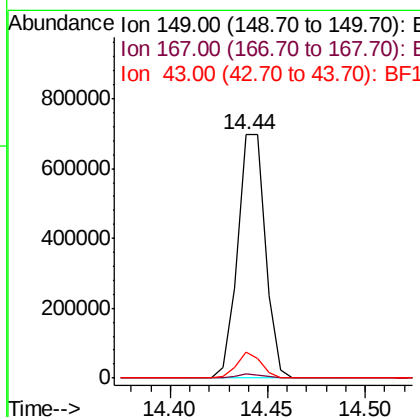
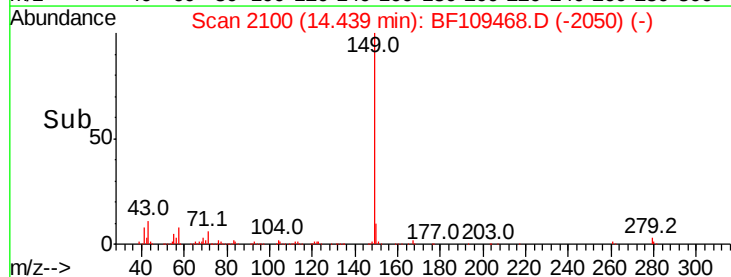
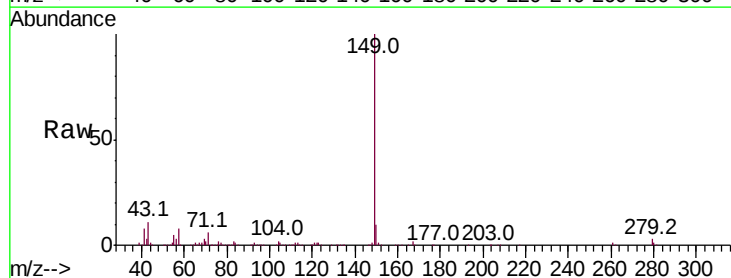
RT: 14.44 min Scan# 2100

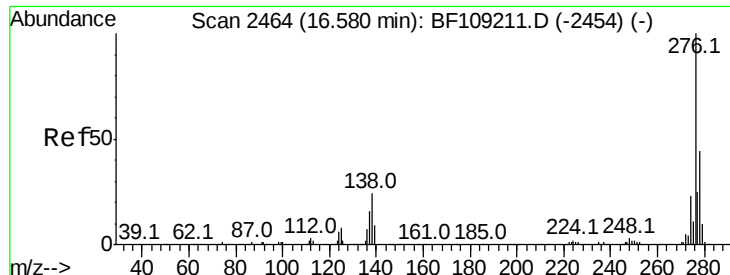
Delta R.T. -0.01 min

Lab File: BF109468.D

Acq: 29 Sep 2018 9:03

Tgt Ion:	149	Resp:	686644
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6





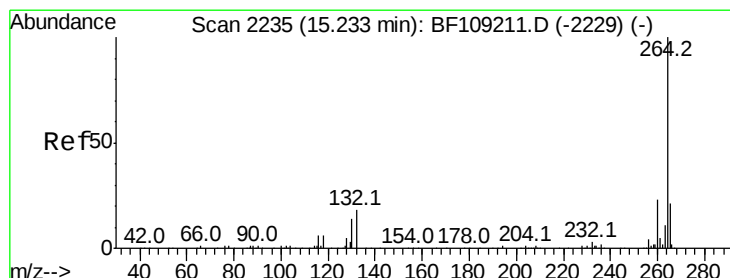
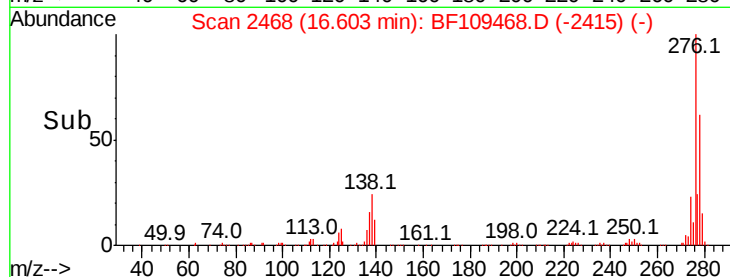
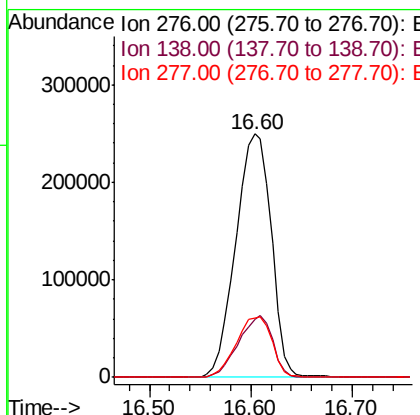
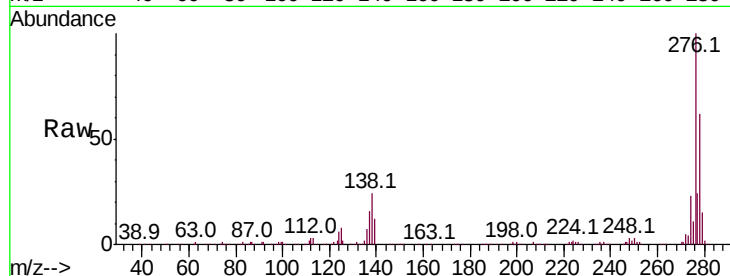
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.184 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.2	20.1	30.1

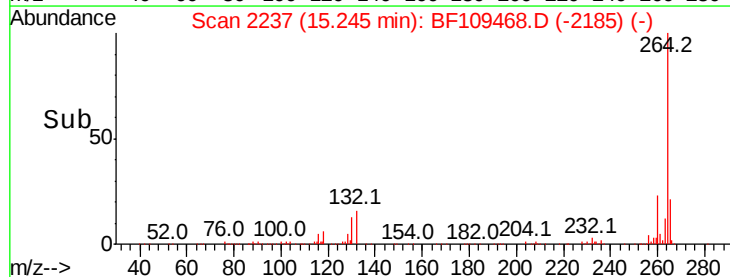
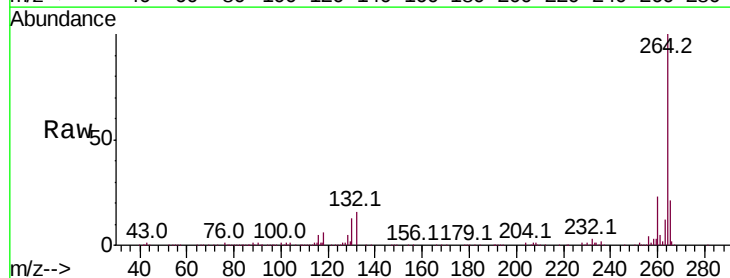
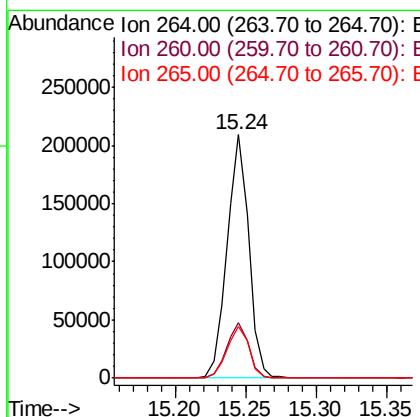
Manual Integrations
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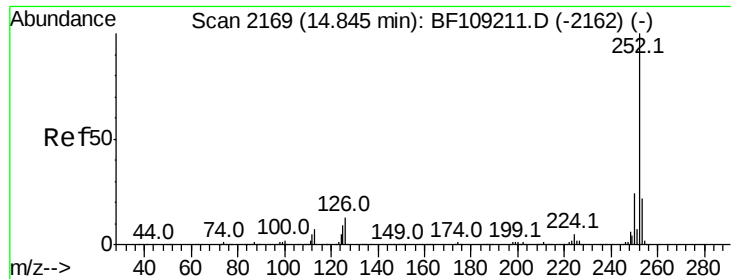
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3





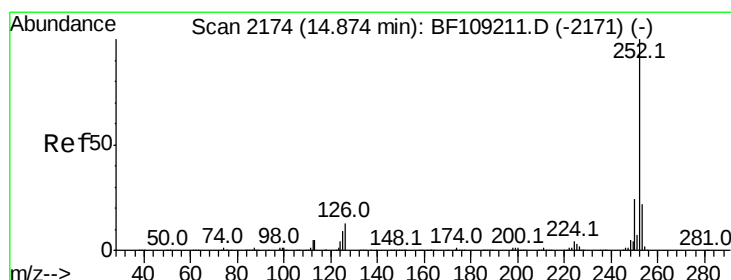
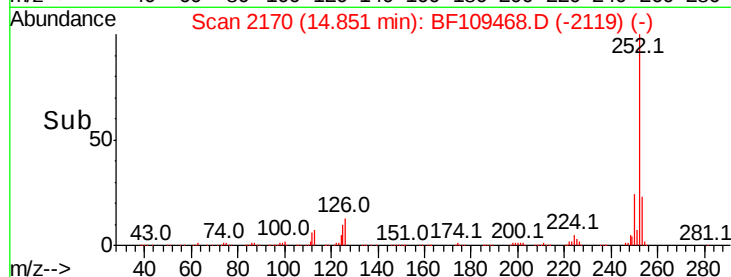
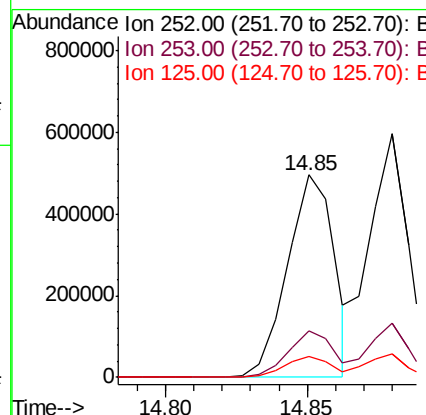
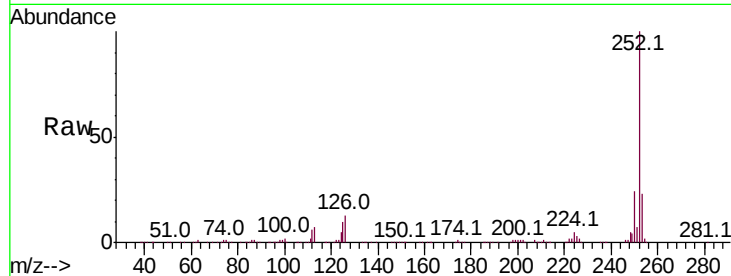
#87
Benzo(b)fluoranthene
Concen: 46.419 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.4	9.0	13.6

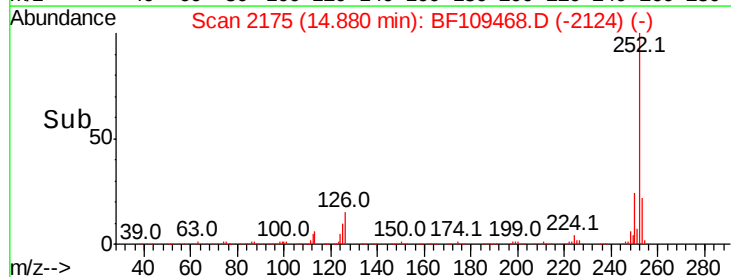
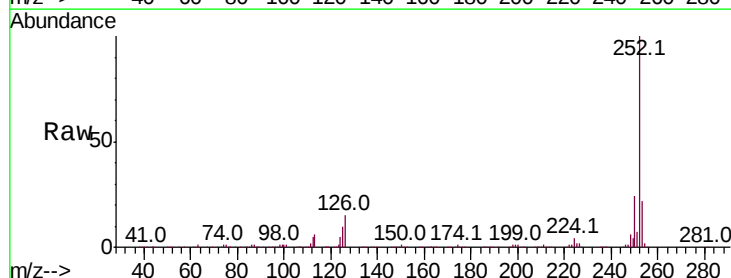
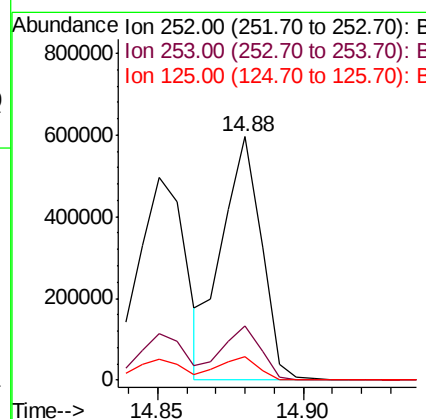
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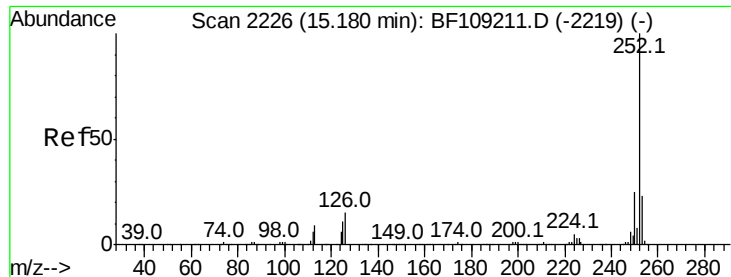
Sohil
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#88
Benzo(k)fluoranthene
Concen: 48.010 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.7	10.2	15.2#





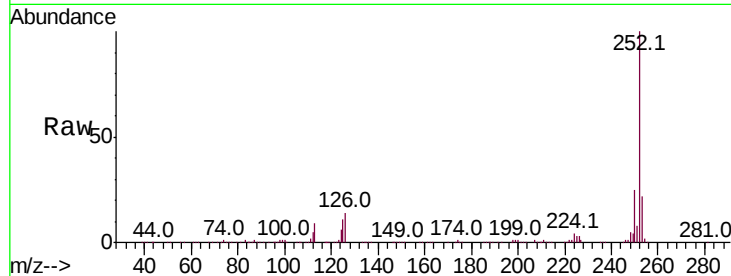
#89
Benzo(a)pyrene
Concen: 49.739 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

Instrument :
BNA_F
ClientSampleId :
PB113313BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.0	9.8	14.6

Manual Integrations
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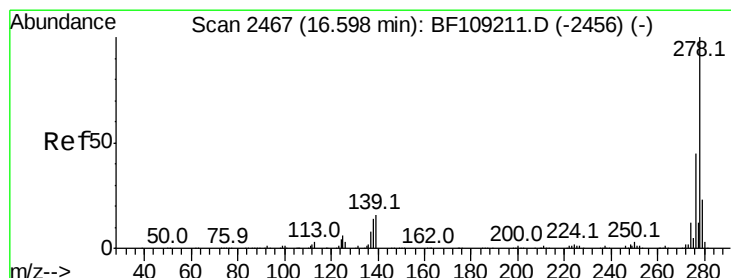
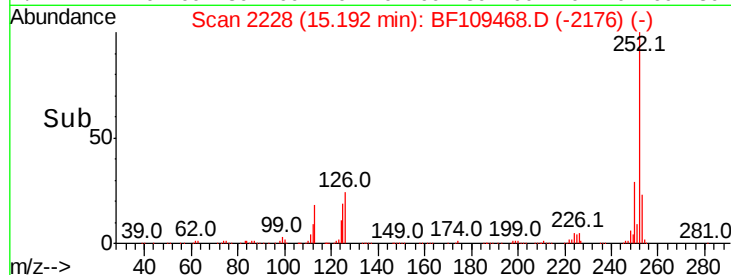
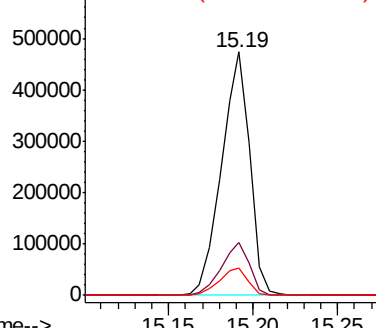


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 55.888 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF109468.D
Acq: 29 Sep 2018 9:03

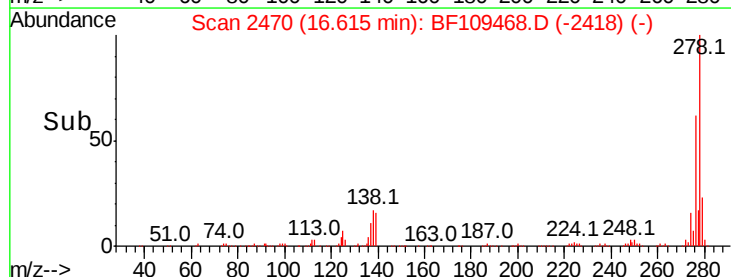
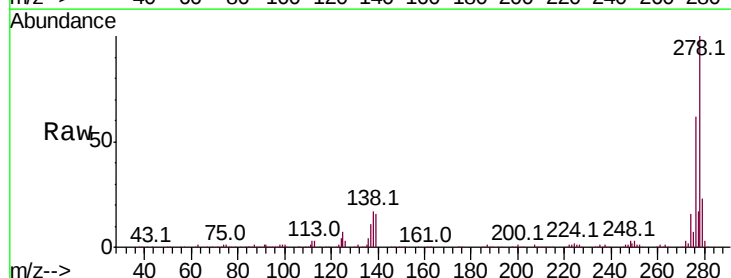
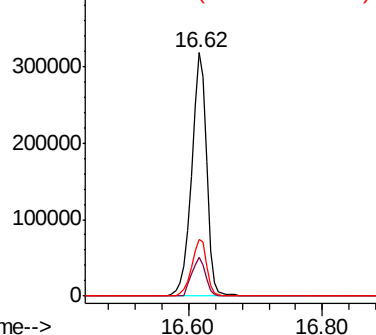
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.9	23.9#
279	23.5	19.0	28.4

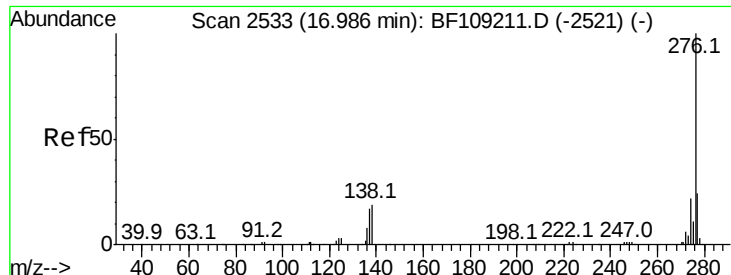
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 54.615 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF109468.D
 Acq: 29 Sep 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BS

Tot Ion:	276	Resp:	487921
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.9	26.9
138	20.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:34 AM

