

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109218.D
 Acq On : 22 Sep 2018 13:55
 Operator : JU/SJ
 Sample : PB113087BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Manual Integrations
 APPROVED

Sohil
 9/24/2018 11:38:40 AM

Quant Time: Sep 24 07:05:19 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	6.70	152	101629	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412390	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	202112	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	395938	20.00	ng	0.00
75) Chrysene-d12	13.84	240	276929	20.00	ng	0.00
86) Perylene-d12	15.23	264	236617	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	648931	105.17	ng	0.00
7) Phenol-d6	6.35	99	810512	102.94	ng	-0.01
23) Nitrobenzene-d5	7.27	82	511735	73.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	210081	105.44	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	969869	72.37	ng	-0.01
78) Terphenyl-d14	12.80	244	987182	87.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	109589	38.564	ng	93
3) Pyridine	3.15	79	306804	41.948	ng	90
4) n-Nitrosodimethylamine	3.09	42	141902	45.590	ng	# 98
6) Aniline	6.37	93	315781	31.348	ng	98
8) 2-Chlorophenol	6.49	128	280038	40.813	ng	98
9) Benzaldehyde	6.25	77	138999	27.481	ng	97
10) Phenol	6.36	94	346410	38.851	ng	# 66
11) bis(2-Chloroethyl)ether	6.45	93	270495	38.769	ng	97
12) 1,3-Dichlorobenzene	6.65	146	307407	38.912	ng	97
13) 1,4-Dichlorobenzene	6.72	146	313432	39.381	ng	99
14) 1,2-Dichlorobenzene	6.88	146	290718	39.596	ng	97
15) Benzyl Alcohol	6.85	79	254943	42.302	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	395446	39.958	ng	96
17) 2-Methylphenol	6.97	107	227128	40.910	ng	97
18) Hexachloroethane	7.22	117	115371	41.145	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	204061	39.553	ng	97
20) 3+4-Methylphenols	7.12	107	274746	40.988	ng	# 71
22) Acetophenone	7.12	105	383079	40.179	ng	# 92
24) Nitrobenzene	7.29	77	301400	40.577	ng	98
25) Isophorone	7.53	82	563452	44.790	ng	99
26) 2-Nitrophenol	7.60	139	136798	46.569	ng	95
27) 2,4-Dimethylphenol	7.65	122	253168	46.187	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	348800	41.886	ng	99
29) 2,4-Dichlorophenol	7.85	162	237233	41.193	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	244286	37.961	ng	96
31) Naphthalene	8.01	128	810367	42.051	ng	99
32) Benzoic acid	7.73	122	32093m	14.193	ng	
33) 4-Chloroaniline	8.06	127	202364	24.038	ng	98
34) Hexachlorobutadiene	8.13	225	147739	38.082	ng	99
35) Caprolactam	8.43	113	74463m	40.498	ng	
36) 4-Chloro-3-methylphenol	8.55	107	253075	41.760	ng	99
37) 2-Methylnaphthalene	8.70	142	548309	44.137	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	231386	35.973	ng	98
40) Hexachlorocyclopentadiene	8.86	237	282161	100.572	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	168806	40.890	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	180593	41.420	nq	96
45) 1,1'-Biphenyl	9.16	154	646357	39.251	nq	98
46) 2-Chloronaphthalene	9.19	162	499995	38.007	nq	99
47) 2-Nitroaniline	9.28	65	160174	42.944	nq	93
48) Acenaphthylene	9.60	152	819658	41.301	nq	99
49) Dimethylphthalate	9.47	163	587229	39.947	nq	99
50) 2,6-Dinitrotoluene	9.52	165	126981	43.615	nq	87
51) Acenaphthene	9.77	154	500595	41.720	nq	99
52) 3-Nitroaniline	9.69	138	111969	33.209	nq	91
53) 2,4-Dinitrophenol	9.80	184	53008	54.389	nq	# 17
54) Dibenzofuran	9.95	168	696005	39.004	nq	98
55) 4-Nitrophenol	9.86	139	212105	83.509	nq	87
56) 2,4-Dinitrotoluene	9.93	165	165666	44.971	nq	# 95
57) Fluorene	10.29	166	527298	41.415	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	147081	42.605	nq	91
59) Diethylphthalate	10.17	149	605472	40.673	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	245768	36.957	nq	94
61) 4-Nitroaniline	10.30	138	142773	43.421	nq	94
62) Azobenzene	10.44	77	609383	39.401	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	48960	33.218	nq	91
65) n-Nitrosodiphenylamine	10.40	169	508938	38.905	nq	96
66) 4-Bromophenyl-phenylether	10.76	248	168501	38.324	nq	94
67) Hexachlorobenzene	10.83	284	174938	37.463	nq	94
68) Atrazine	10.93	200	162850	40.477	nq	98
69) Pentachlorophenol	11.03	266	159452	57.053	nq	99
70) Phenanthrene	11.24	178	815964	41.275	nq	99
71) Anthracene	11.29	178	840798	41.933	nq	100
72) Carbazole	11.45	167	755146	37.852	nq	99
73) Di-n-butylphthalate	11.79	149	927092	40.367	nq	99
74) Fluoranthene	12.42	202	857605	40.593	nq	97
76) Benzidine	12.54	184	444620	44.531	nq	100
77) Pyrene	12.65	202	858006	43.231	nq	99
79) Butylbenzylphthalate	13.27	149	387727	45.919	nq	97
80) Benzo(a)anthracene	13.83	228	713849	42.796	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	148197	23.378	nq	99
82) Chrysene	13.87	228	661913	40.037	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	463882	43.561	nq	99
84) Di-n-octyl phthalate	14.44	149	733549	40.288	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.58	276	546867	40.809	nq	# 93
87) Benzo(b)fluoranthene	14.84	252	581225	44.703	nq	97
88) Benzo(k)fluoranthene	14.87	252	522414	42.343	nq	# 96
89) Benzo(a)pyrene	15.18	252	509169	43.460	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	449804	46.798	nq	# 94
91) Benzo(g,h,i)perylene	16.99	276	475535	50.341	nq	# 92

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

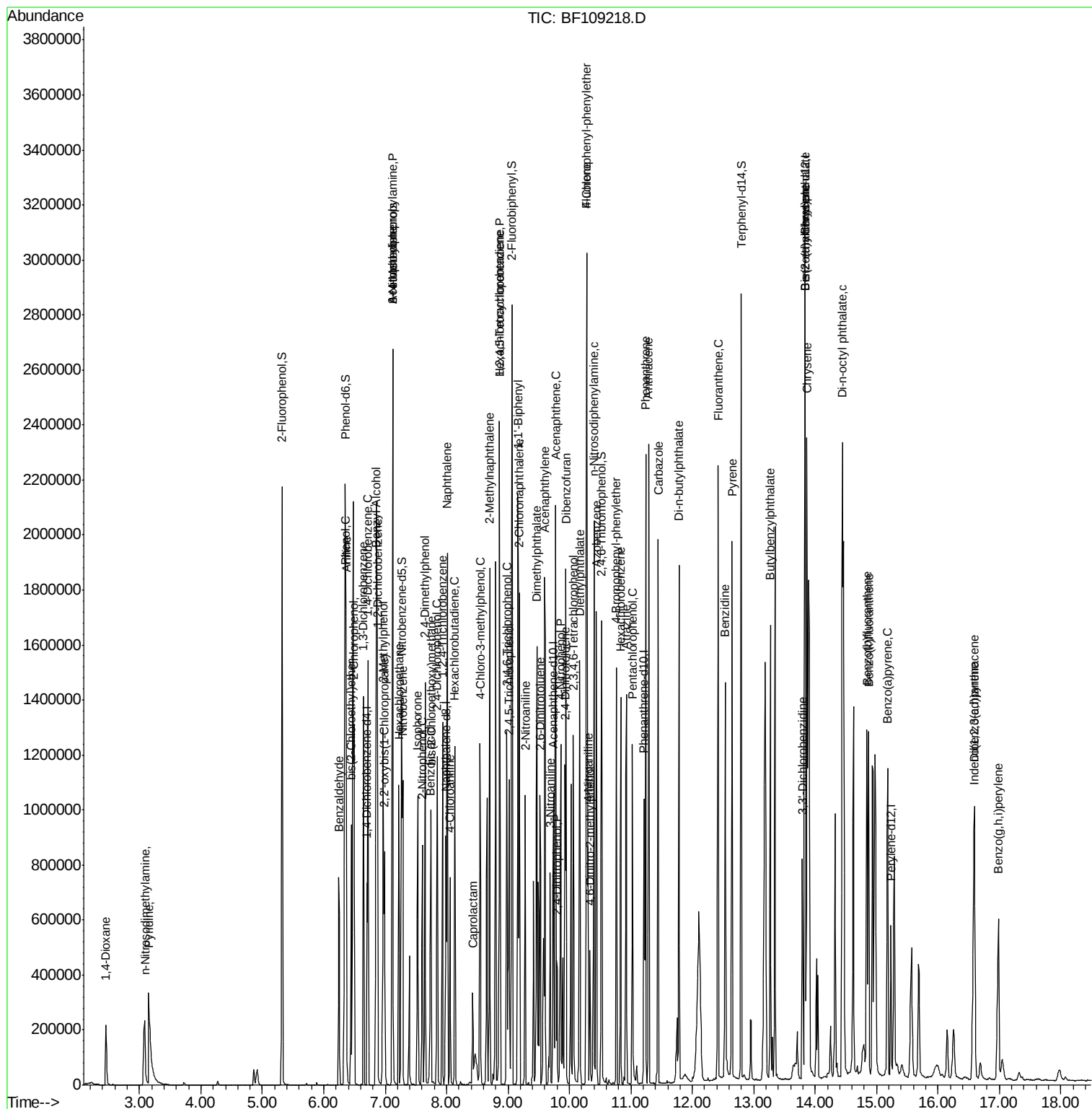
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109218.D
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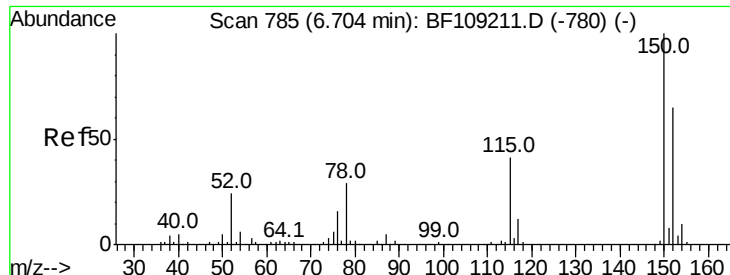
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#1

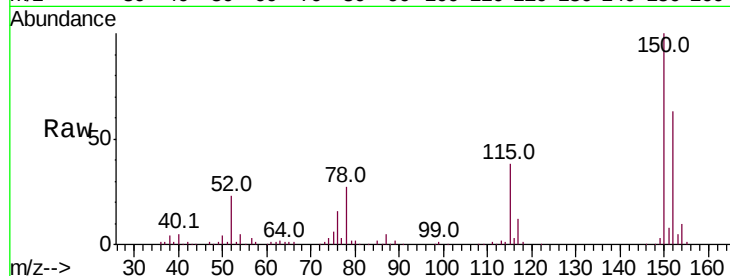
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	61.0	50.1	75.1

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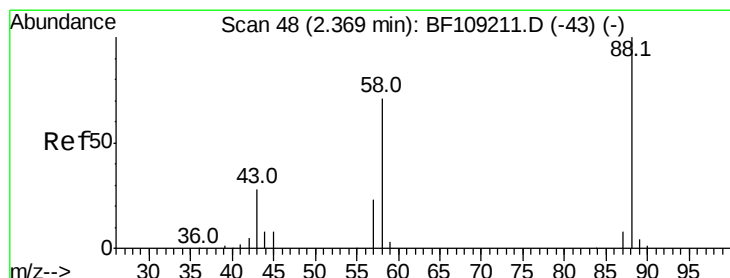
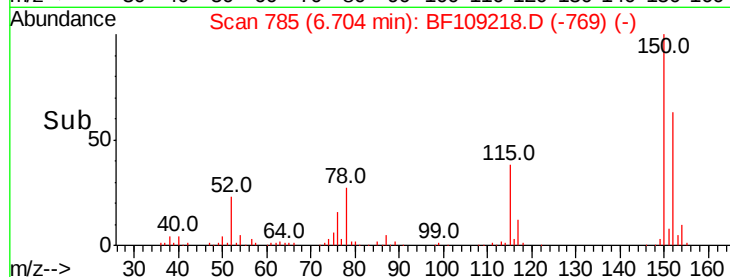
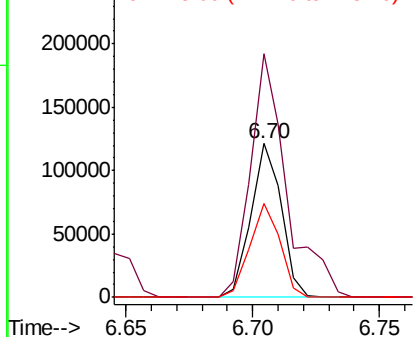


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

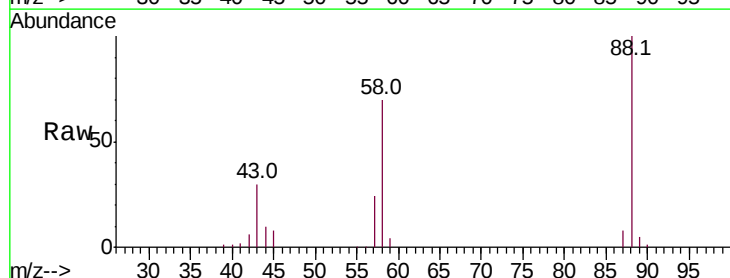
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.564 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.08 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	31.5	24.6	37.0

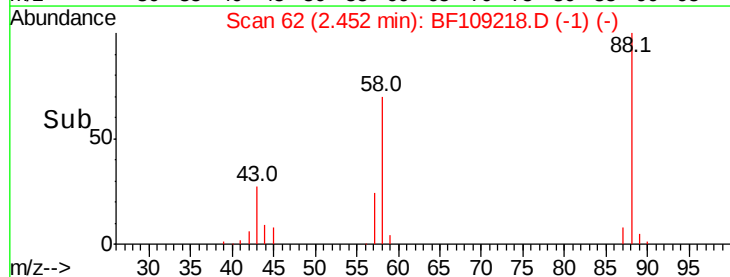
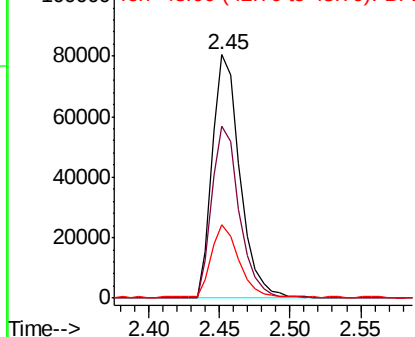


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.948 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.09 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

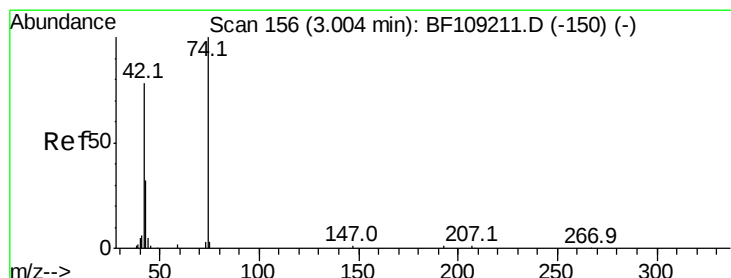
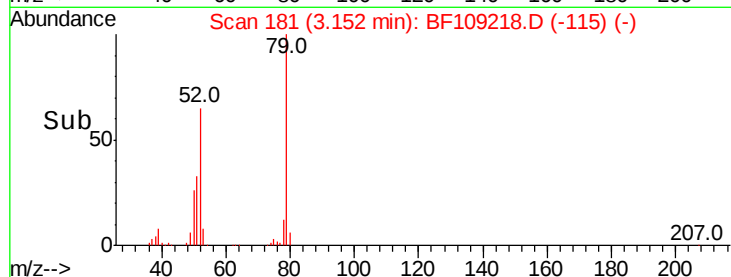
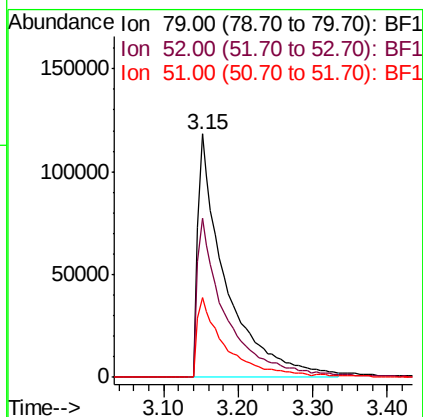
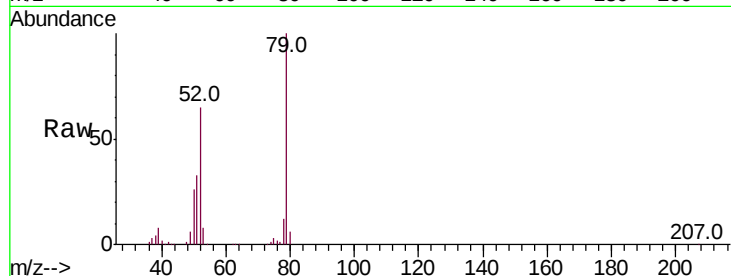
ClientSampleId :

PB113087BS

Tot Ion	79	Resp	306804
Ion Ratio	Lower	Upper	
79	100		
52	65.3	59.8	89.6
51	33.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 45.590 ng

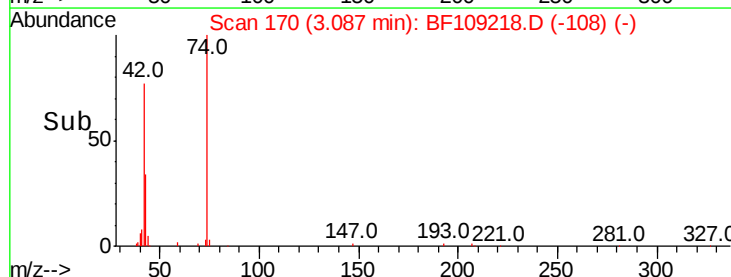
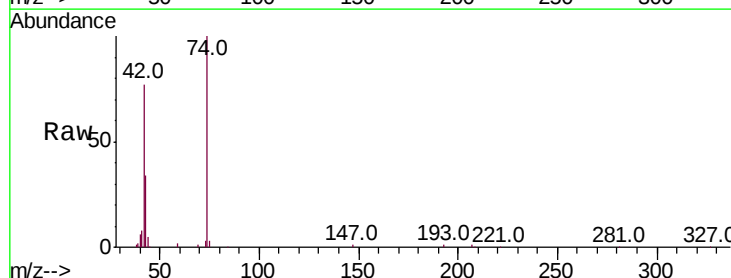
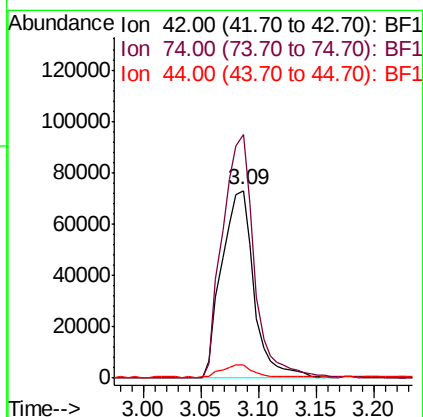
RT: 3.09 min Scan# 170

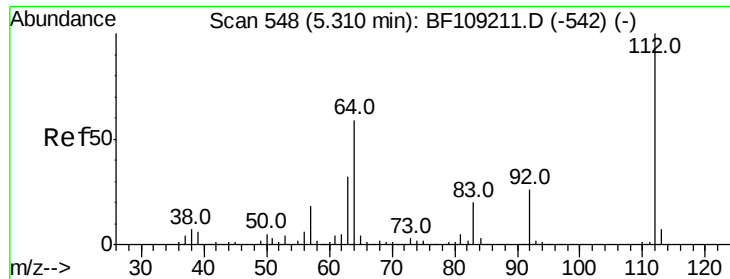
Delta R.T. 0.06 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion	42	Resp	141902
Ion Ratio	Lower	Upper	
42	100		
74	129.6	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 105.171 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

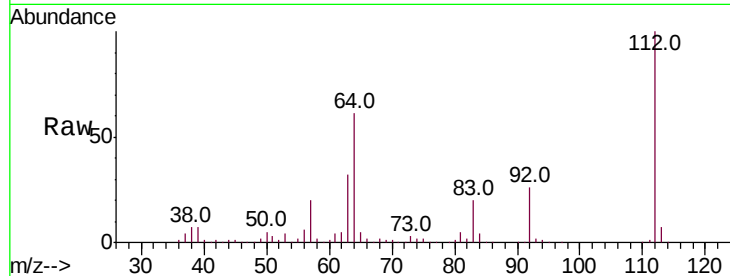
ClientSampleId :

PB113087BS

Tot Ion:	112	Resp:	648931
Ion Ratio	Lower	Upper	
112	100		
64	61.3	47.9	71.9
63	32.4	23.7	35.5

Manual Integrations
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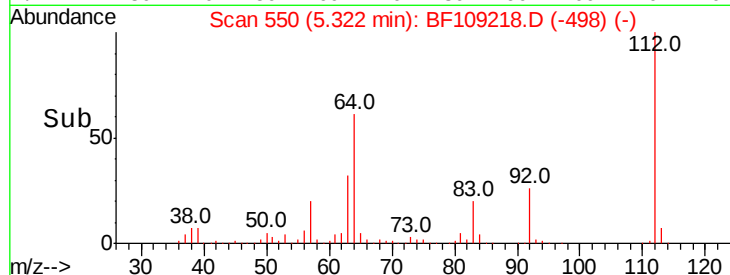


Abundance Ion 112.00 (111.70 to 112.70): E

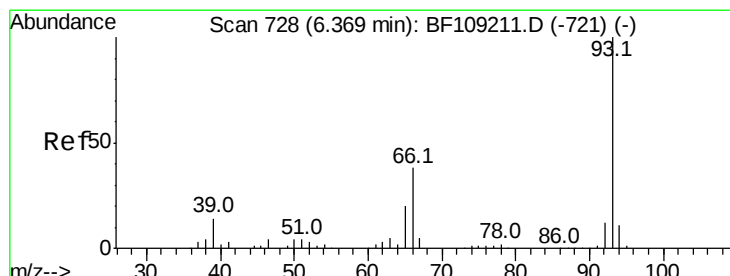
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



Time-->



#6

Aniline

Concen: 31.348 ng

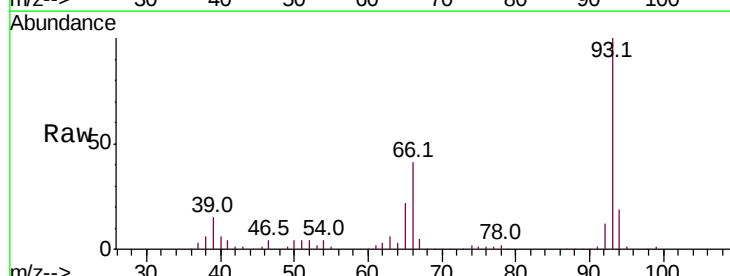
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion:	93	Resp:	315781
Ion Ratio	Lower	Upper	
93	100		
66	41.3	32.2	48.2
65	21.7	16.4	24.6

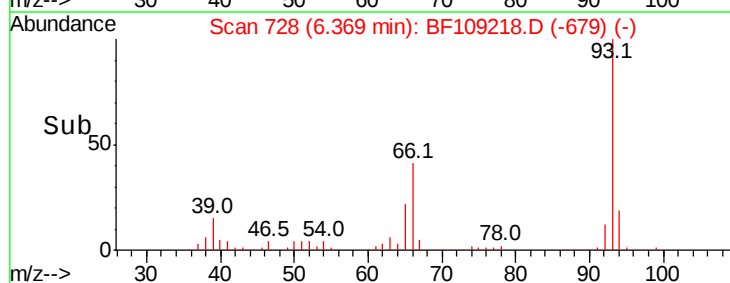


Abundance Ion 93.00 (92.70 to 93.70): BF1

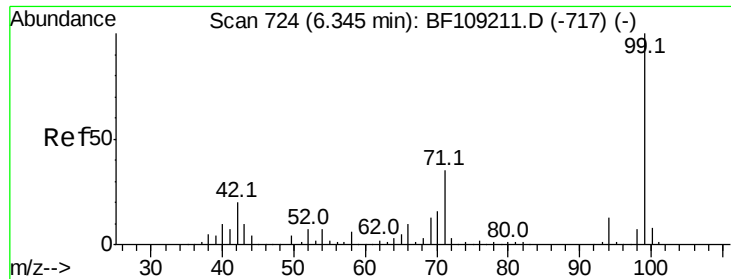
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->



#7

Phenol-d6

Concen: 102.942 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

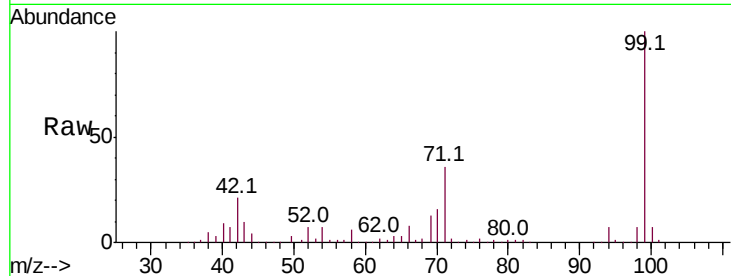
ClientSampleId :

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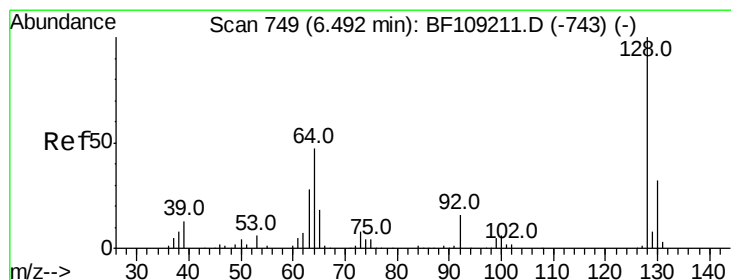
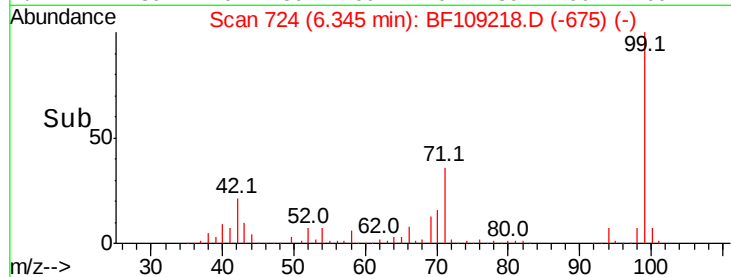
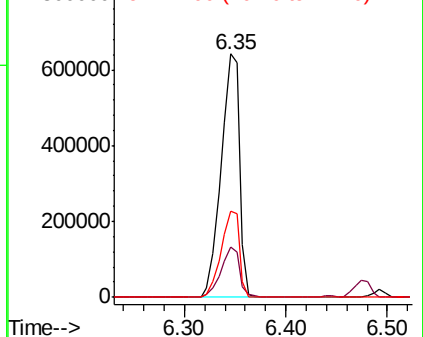
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		810512		
42	20.6	14.5	21.7		
71	35.6	25.4	38.0		

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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: 40.813 ng

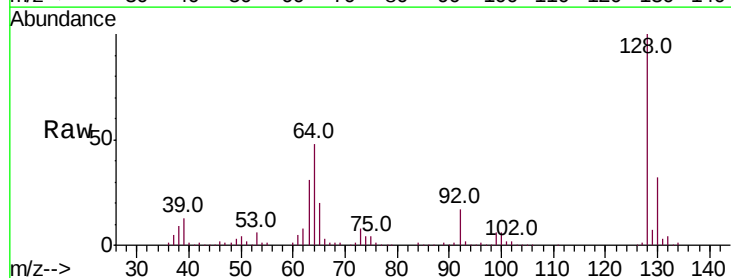
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

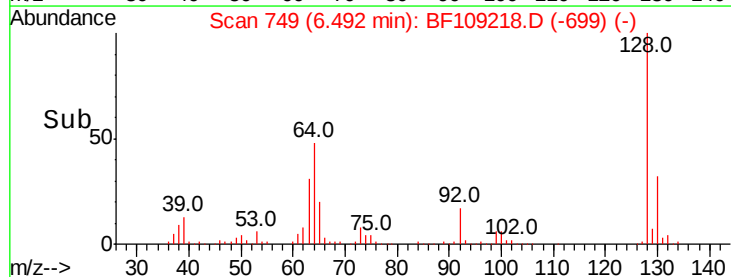
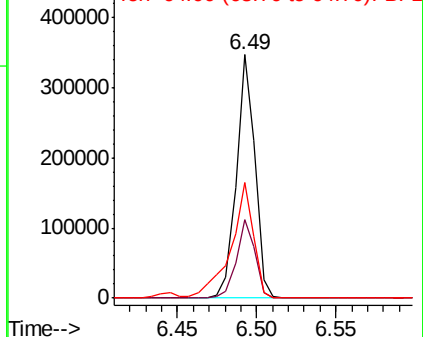
Lab File: BF109218.D

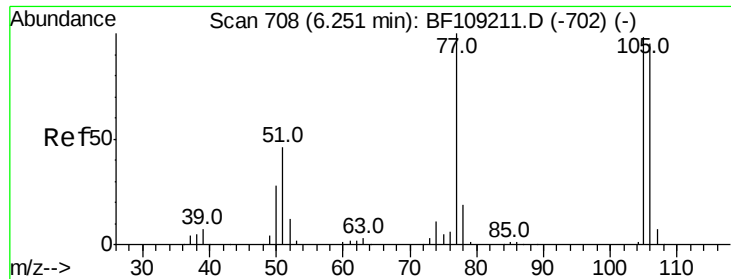
Acq: 22 Sep 2018 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		280038		
130	32.2	13.0	53.0		
64	47.7	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: 27.481 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

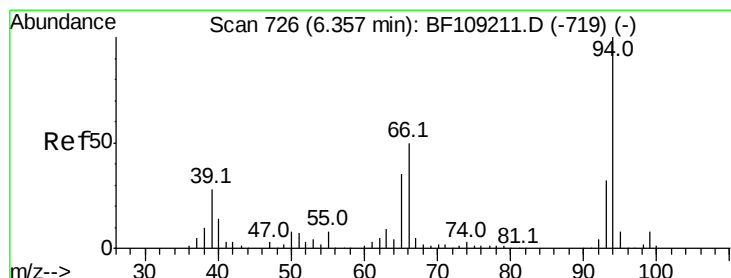
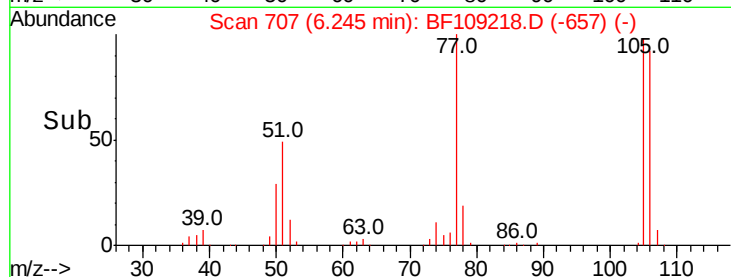
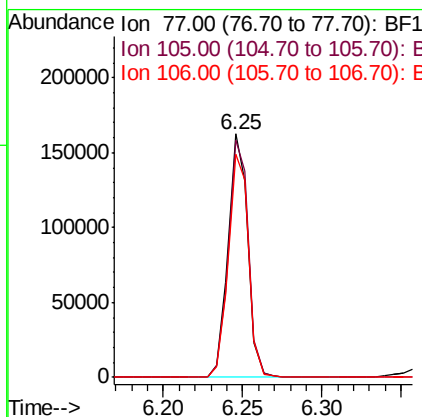
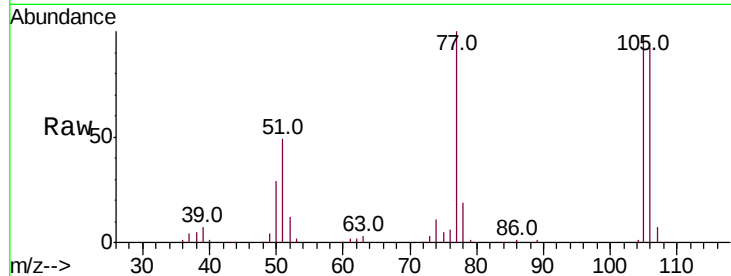
ClientSampleId :

PB113087BS

Tot Ion:	77	Resp:	138999
Ion	Ratio	Lower	Upper
77	100		
105	97.5	81.1	121.1
106	91.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.851 ng

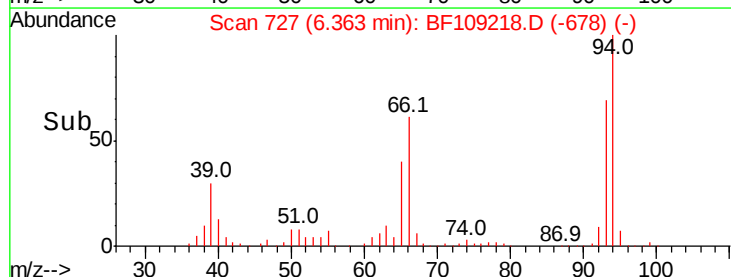
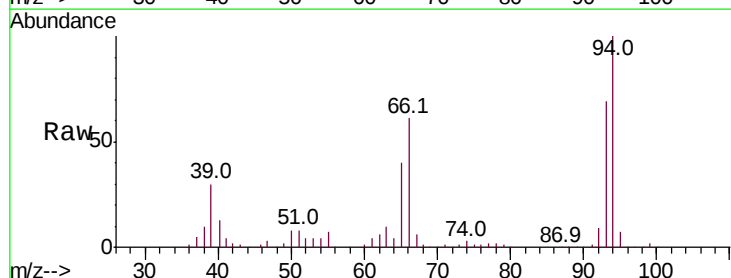
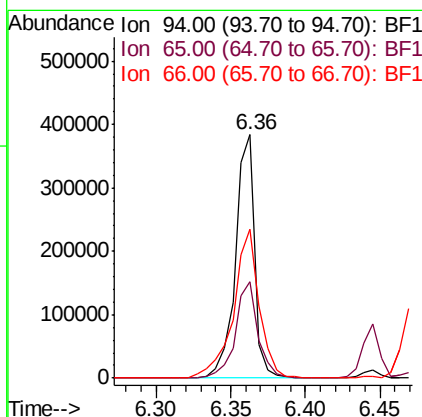
RT: 6.36 min Scan# 727

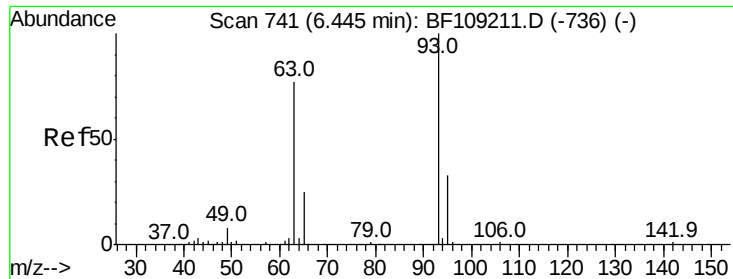
Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion:	94	Resp:	346410
Ion	Ratio	Lower	Upper
94	100		
65	39.8	7.9	47.9
66	61.0	16.2	56.2#





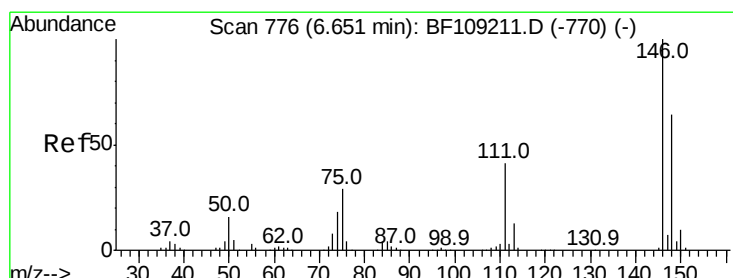
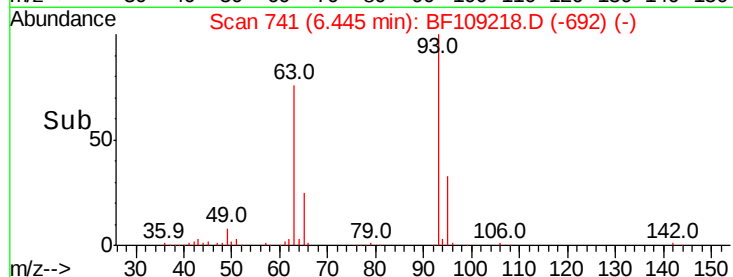
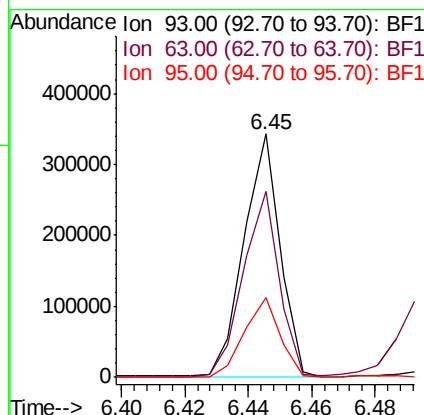
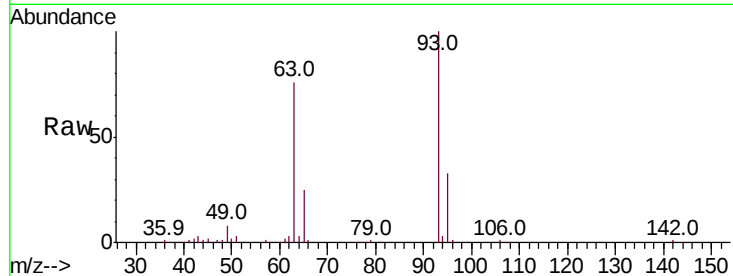
#11
 bis(2-Chloroethyl)ether
 Concen: 38.769 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion:	93	Resp:	270495
Ion Ratio	Lower	Upper	
93	100		
63	76.2	58.6	98.6
95	33.0	11.8	51.8

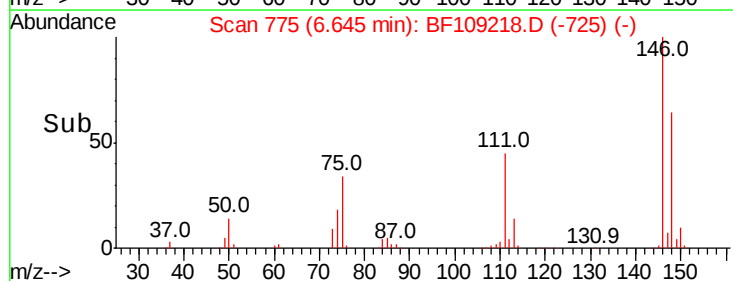
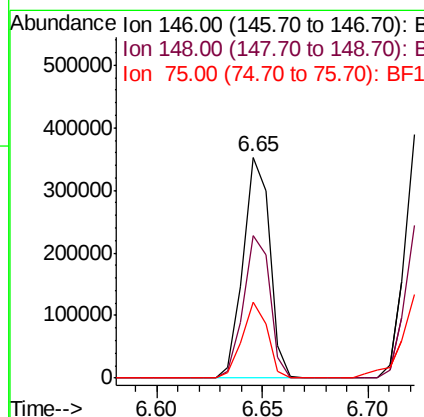
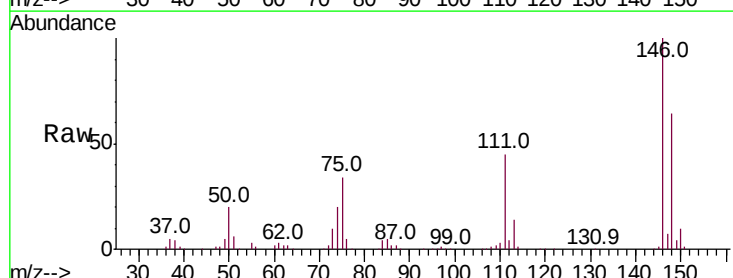
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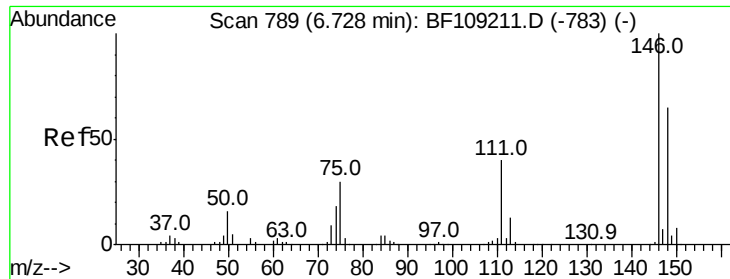
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#12
 1,3-Dichlorobenzene
 Concen: 38.912 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion:	146	Resp:	307407
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	34.5	24.2	36.4





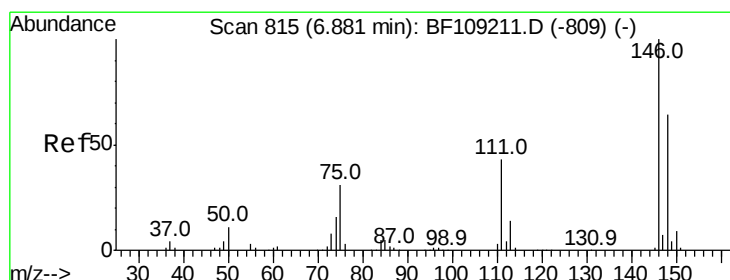
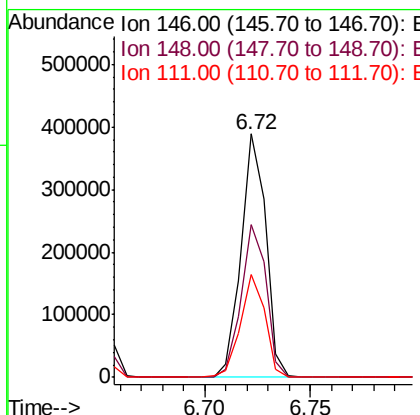
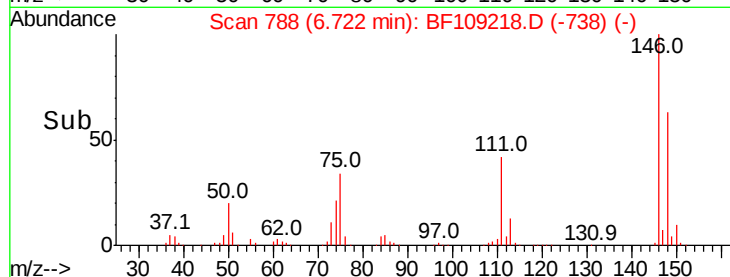
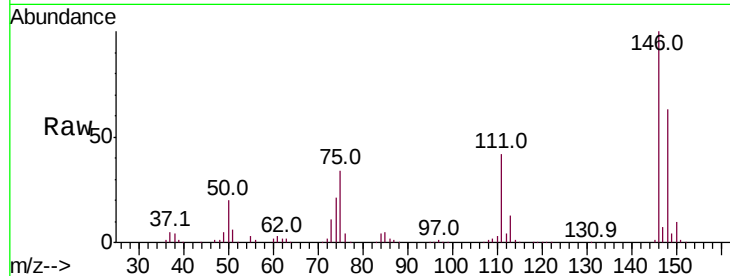
#13
 1,4-Dichlorobenzene
 Concen: 39.381 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	42.5	34.2	51.2

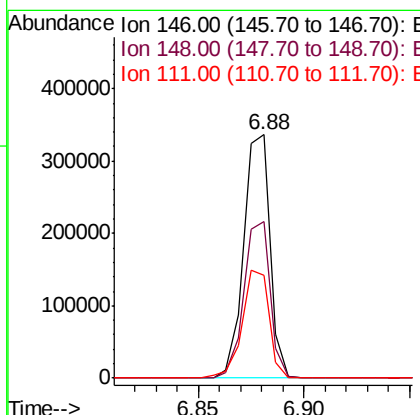
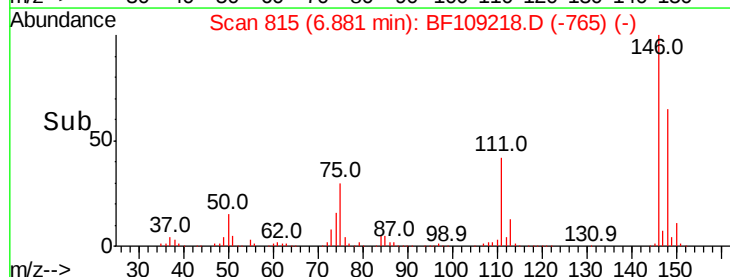
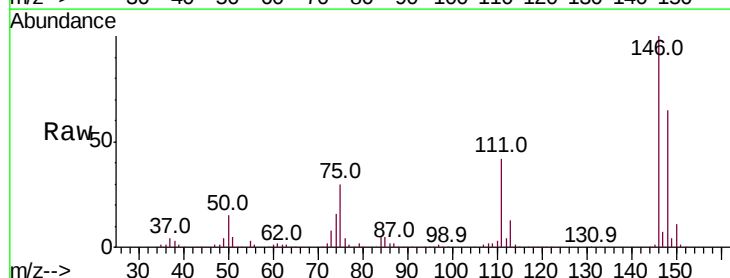
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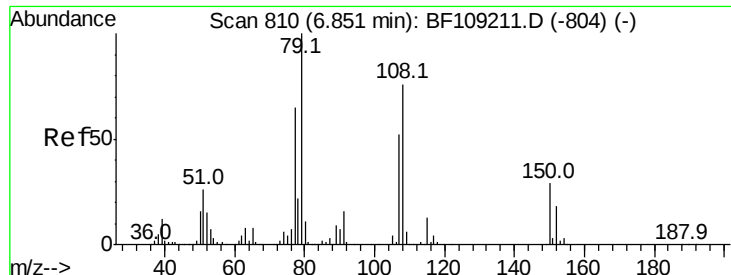
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.596 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.302 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

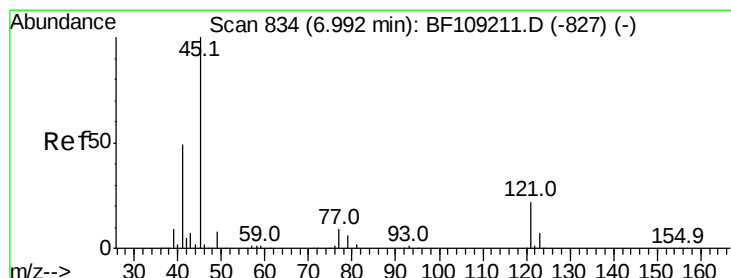
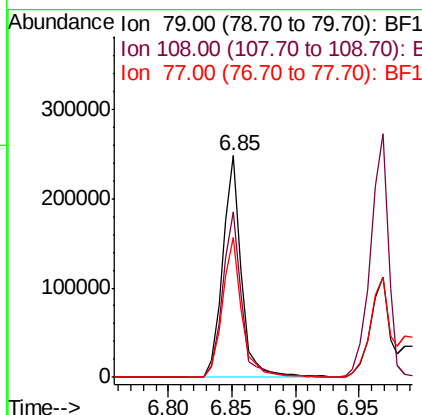
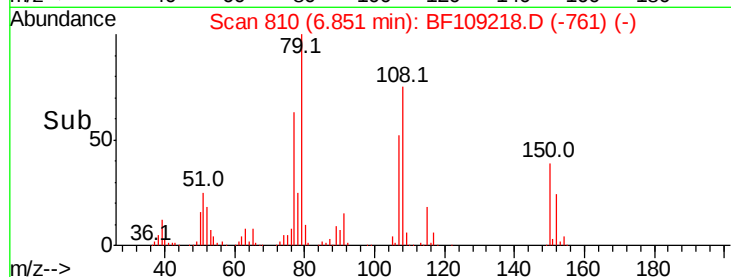
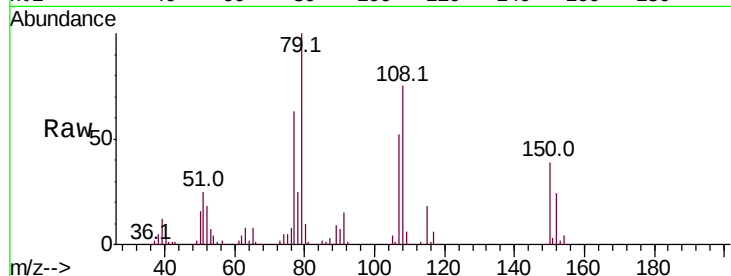
ClientSampleId :

PB113087BS

Tot Ion:	79	Resp:	254943
Ion Ratio	Lower	Upper	
79	100		
108	74.9	65.1	97.7
77	63.5	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.958 ng

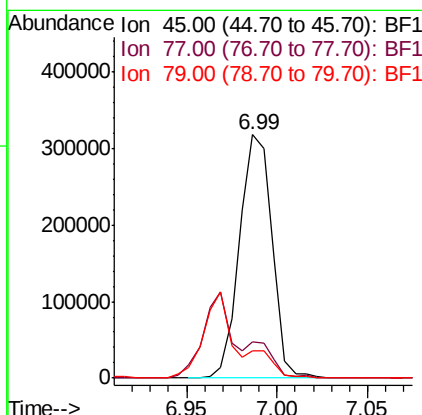
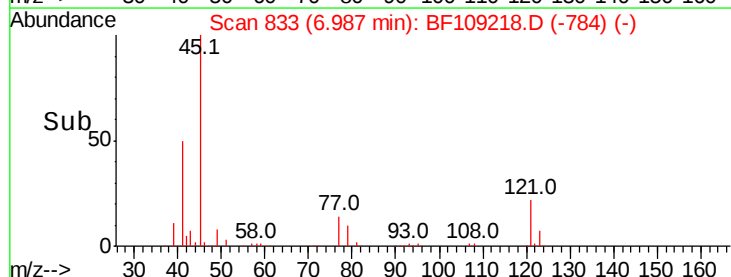
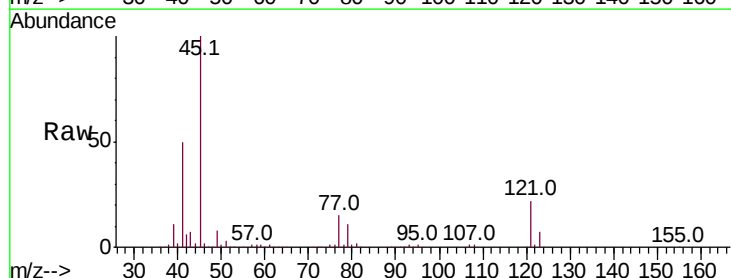
RT: 6.99 min Scan# 833

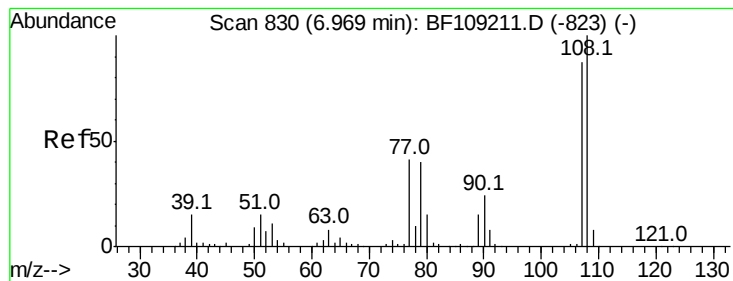
Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion:	45	Resp:	395446
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	32.9
79	11.1	0.0	29.6





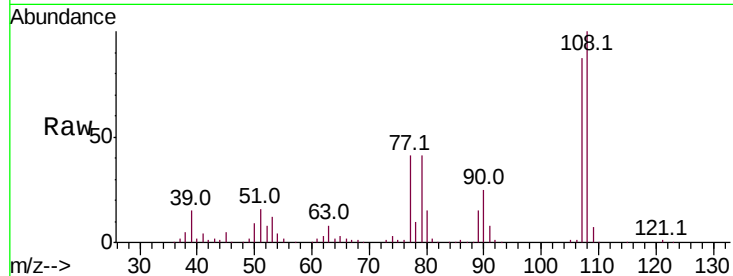
#17
2-Methylphenol
Concen: 40.910 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	227128		
108	114.6	91.7	137.5	
77	47.4	33.8	50.8	
79	47.3	33.8	50.8	

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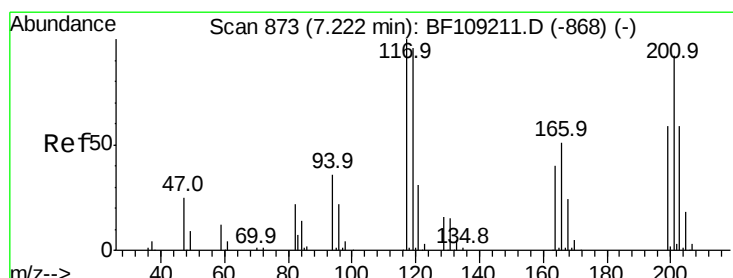
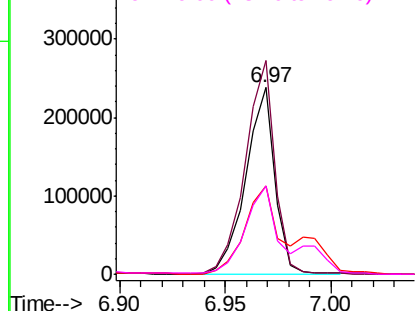
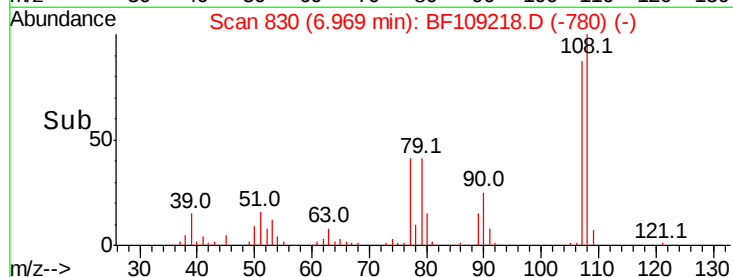
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

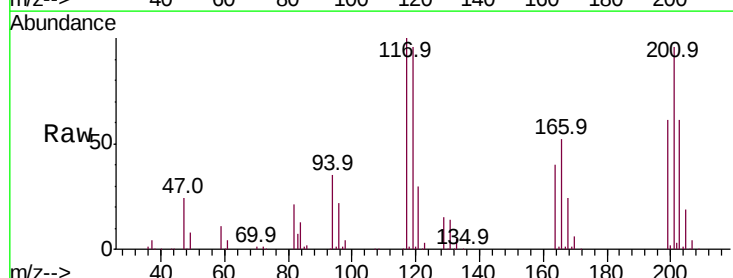
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.145 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115371		
119	95.8	75.8	113.8	
201	95.8	75.7	113.5	

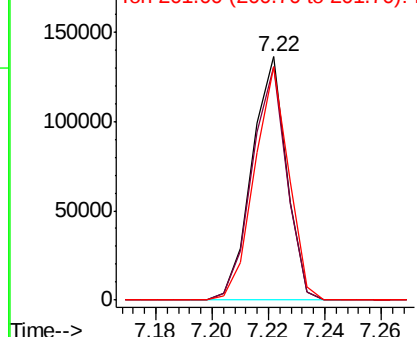
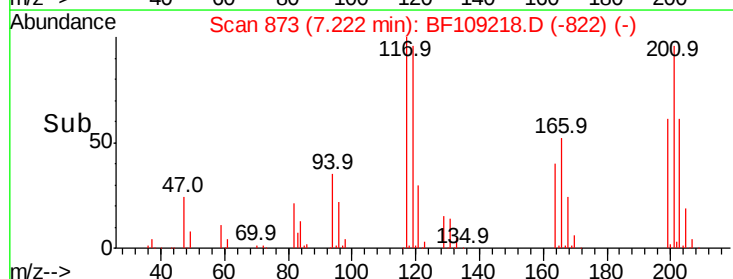


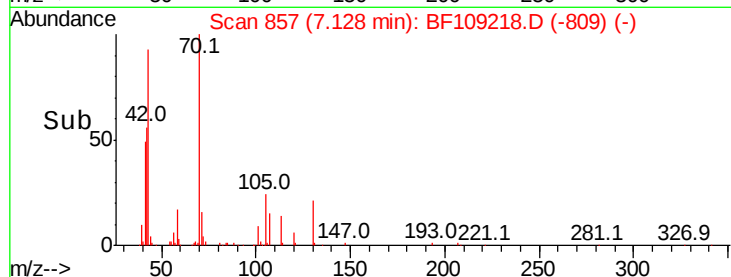
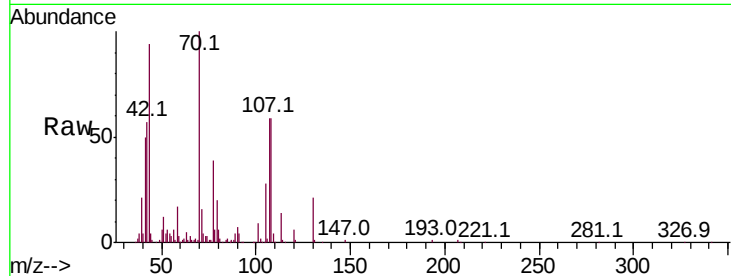
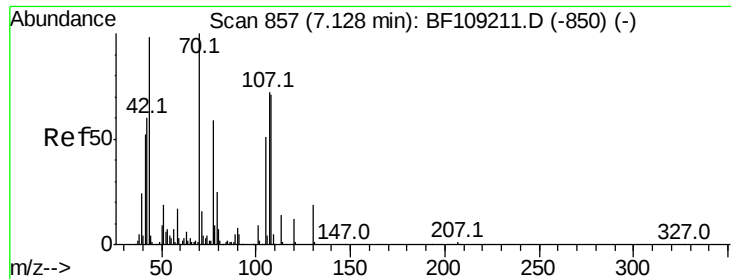
Abundance

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





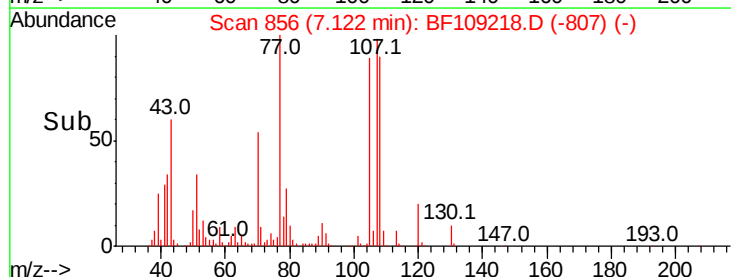
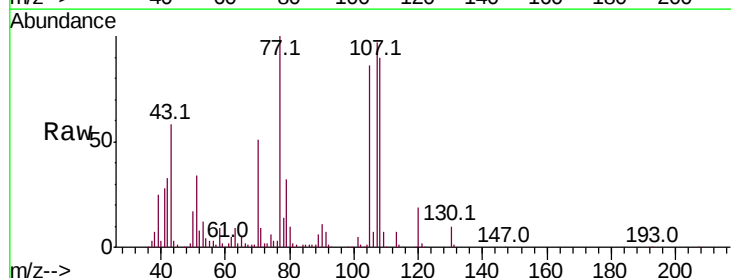
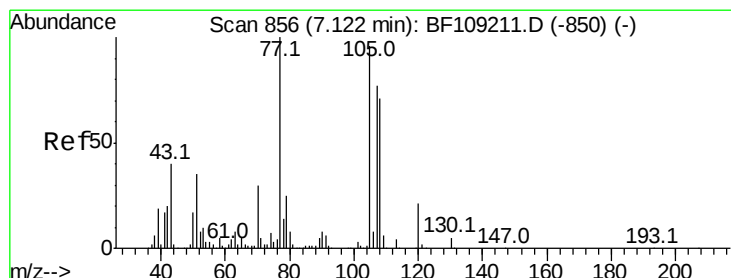
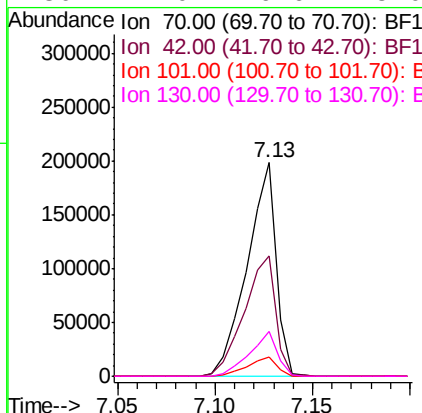
#19
n-Nitroso-di-n-propylamine
Concen: 39.553 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	47.5	71.3	
101	9.1	7.4	11.2	
130	21.0	16.6	25.0	

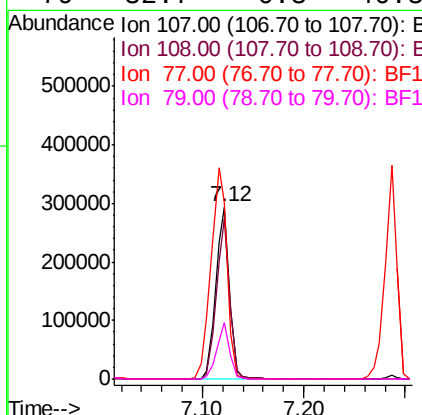
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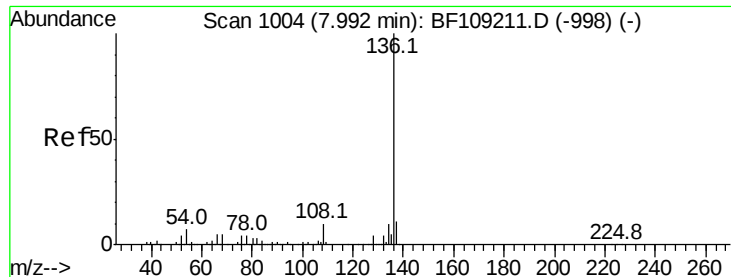
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#20
3+4-Methylphenols
Concen: 40.988 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	68.2	108.2	
77	103.3	26.7	66.7#	
79	32.7	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

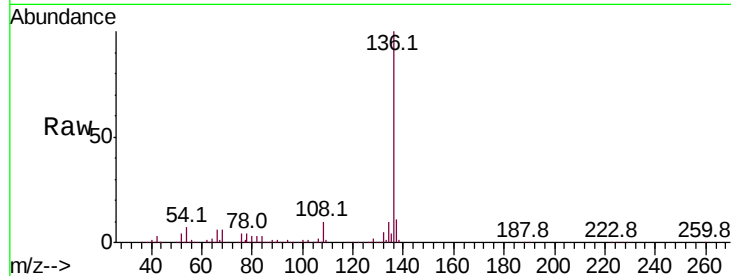
ClientSampleId :

PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	412390		
137	11.1	8.9	13.3	
54	7.4	6.6	9.8	
68	5.7	5.0	7.4	

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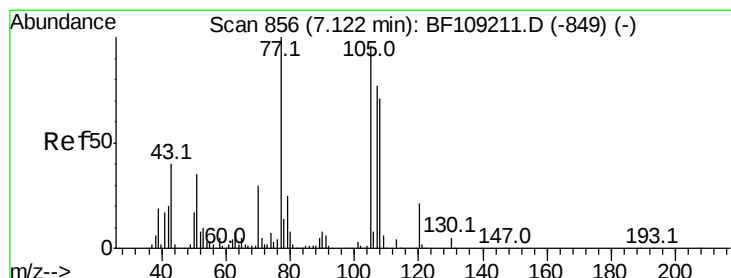
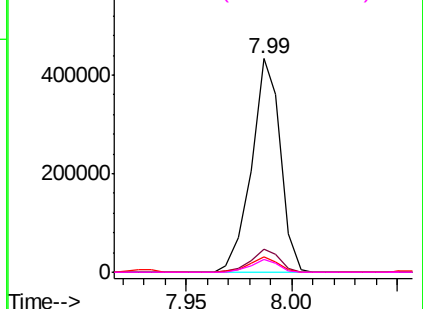
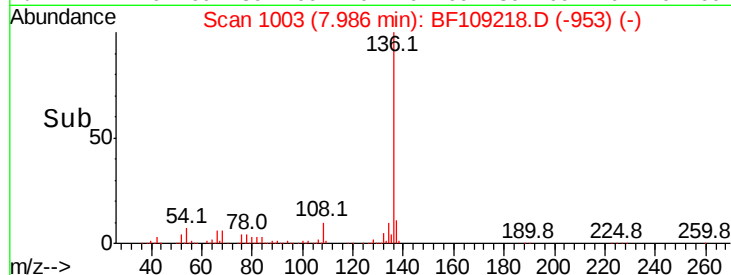
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.179 ng

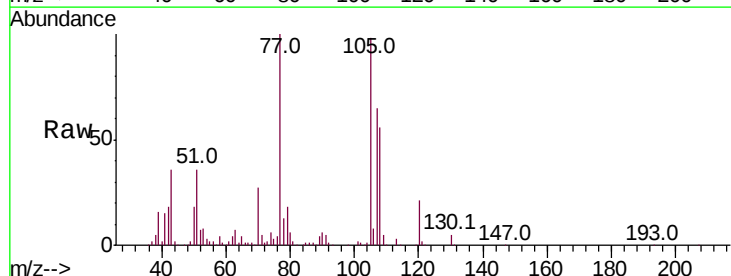
RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	383079		
71	4.6	4.4	6.6	
51	36.1	22.3	33.5	
120	21.3	16.9	25.3	



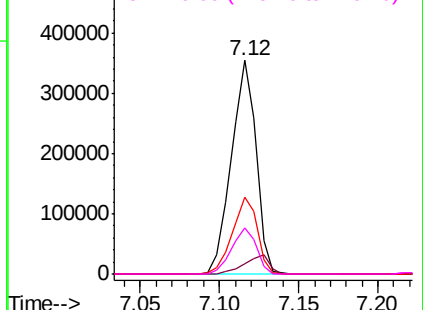
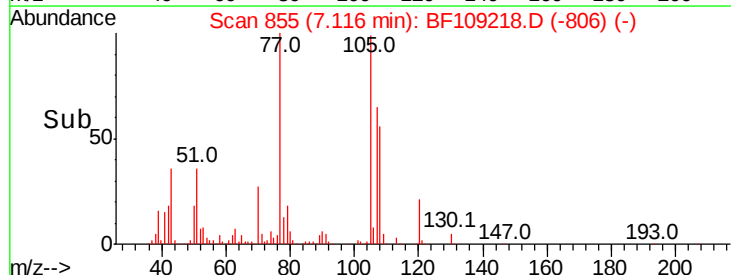
Abundance

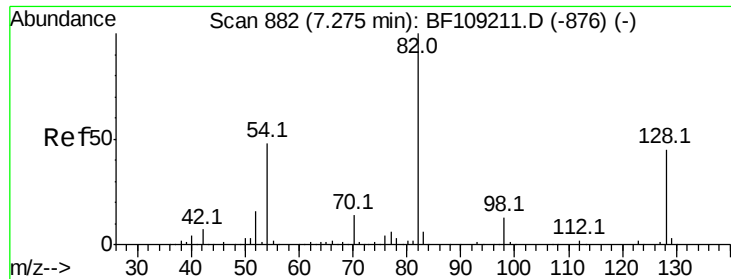
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





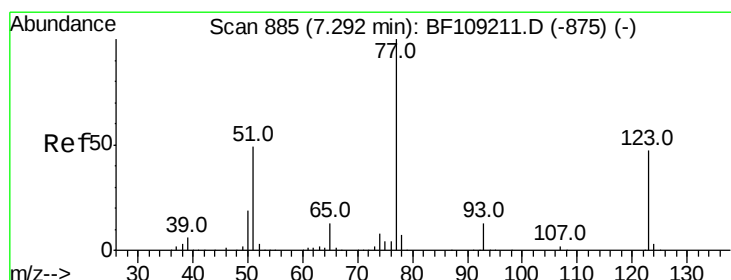
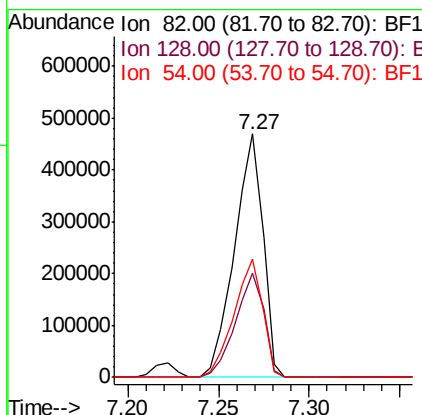
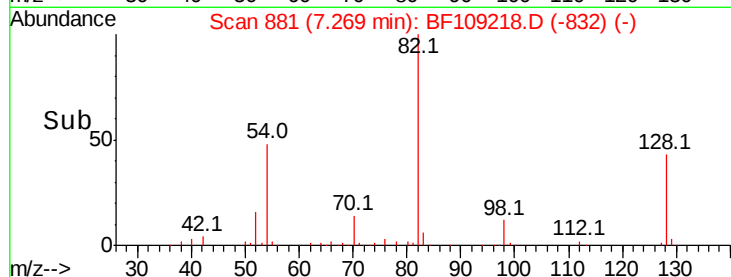
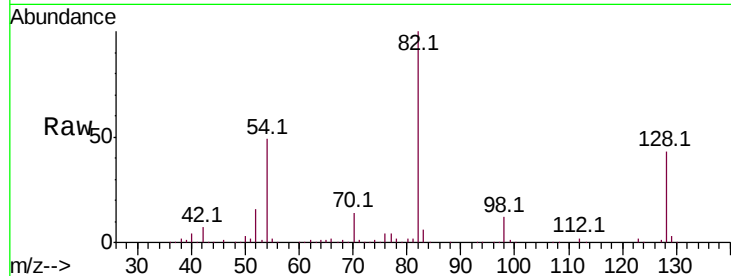
#23
 Nitrobenzene-d5
 Concen: 73.252 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	48.6	41.4	62.2

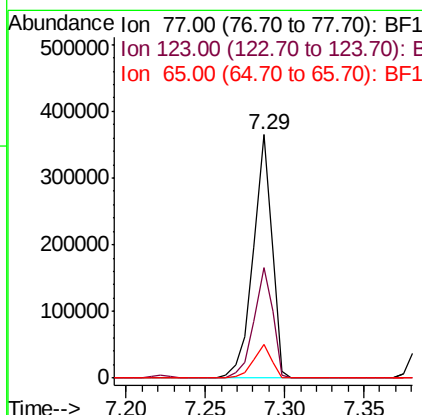
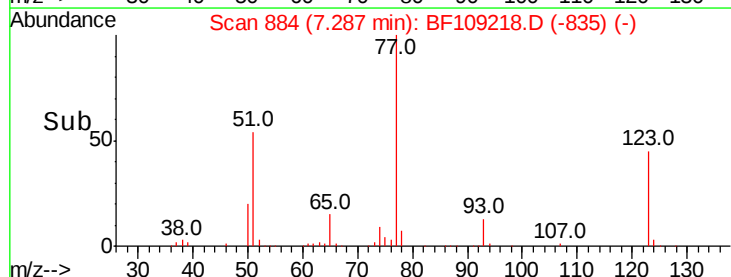
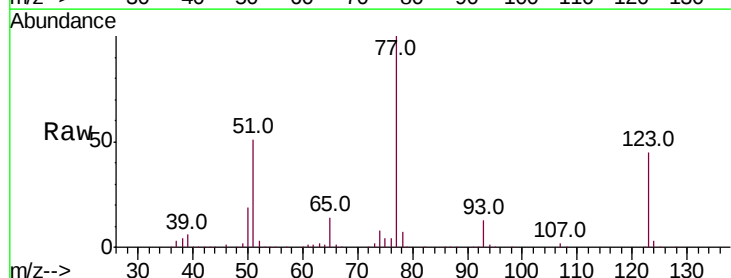
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#24
 Nitrobenzene
 Concen: 40.577 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.9	56.9
65	13.6	11.0	16.4





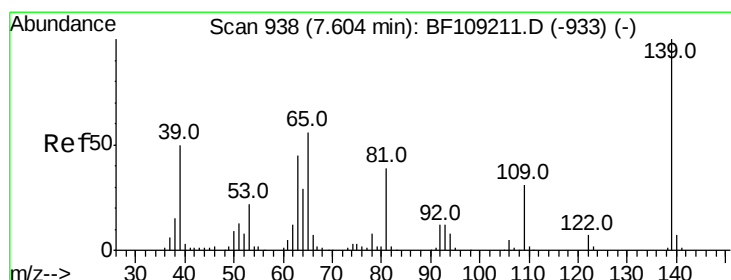
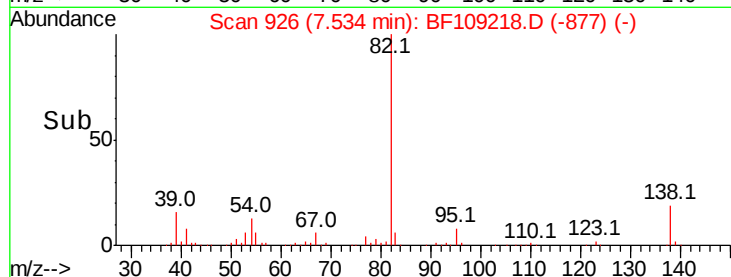
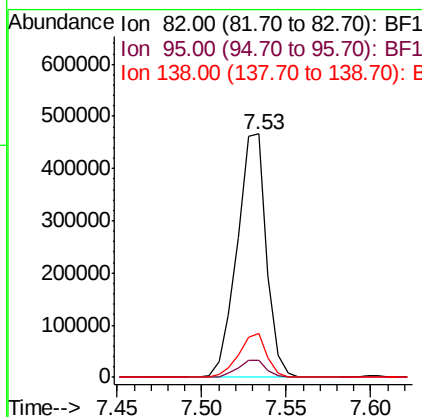
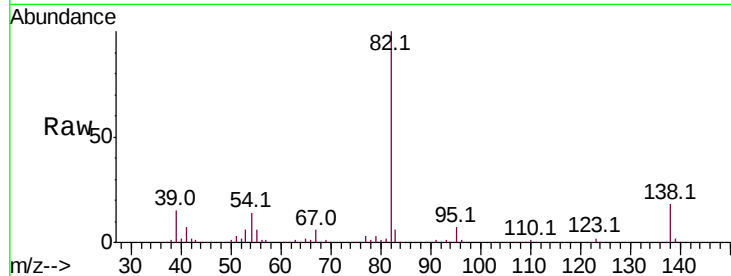
#25
Isophorone
Concen: 44.790 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.2	7.8	
138	18.2	14.9	22.3	

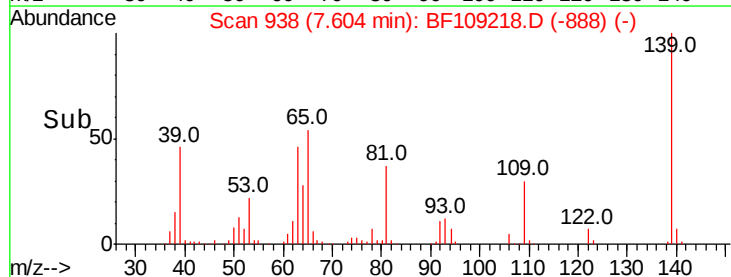
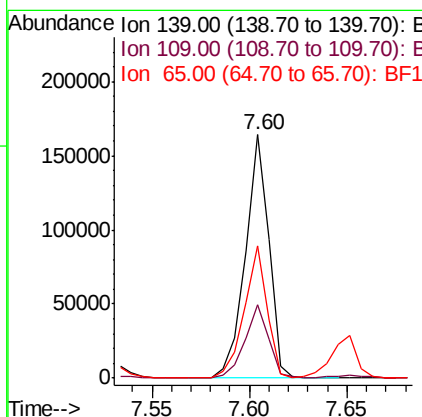
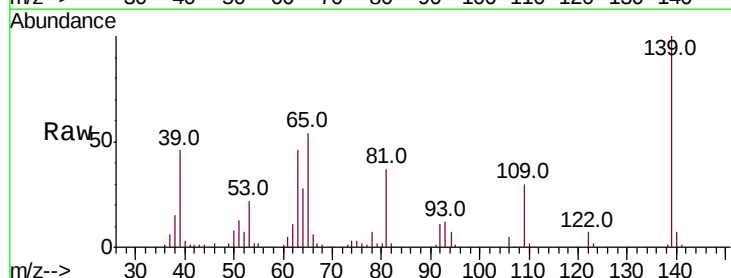
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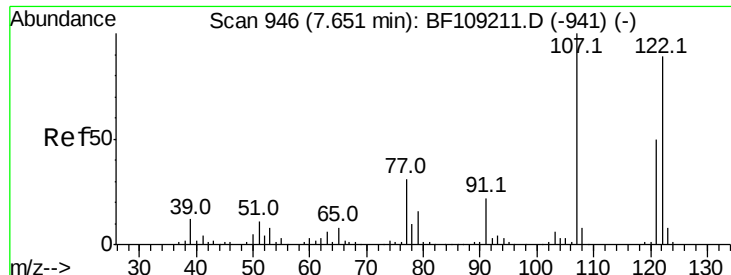
Sohil
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#26
2-Nitrophenol
Concen: 46.569 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.2	22.7	34.1	
65	54.3	40.5	60.7	





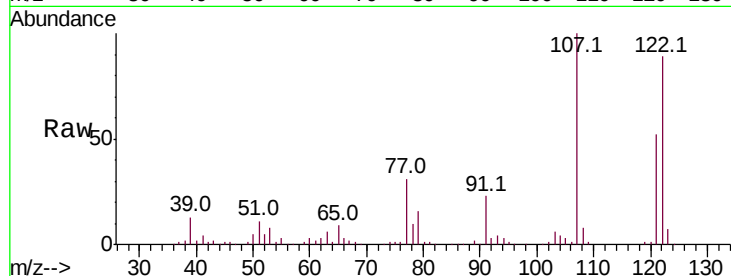
#27
2,4-Dimethylphenol
Concen: 46.187 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.2	136.8
121	57.8	47.2	70.8

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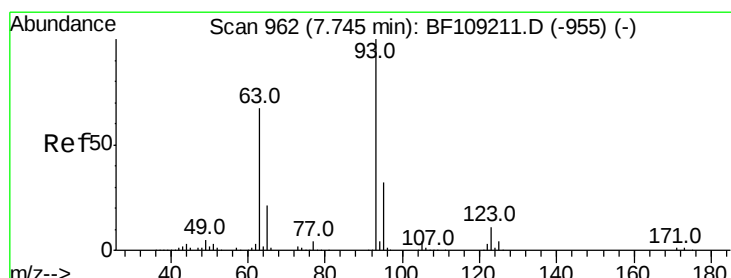
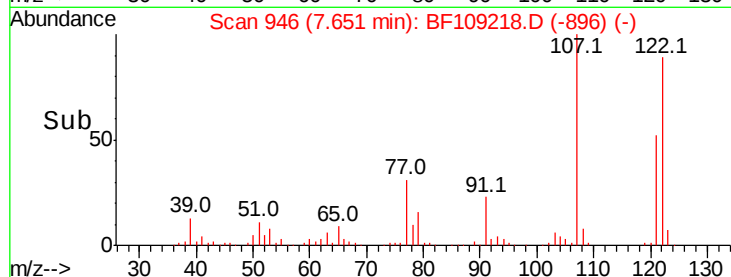
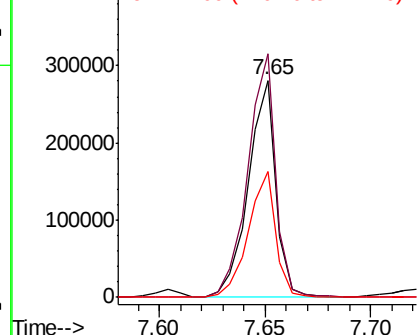


Abundance

Ion 122.00 (121.70 to 122.70): E

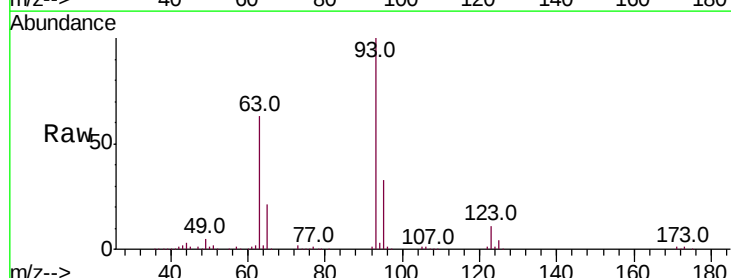
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.886 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.5	9.8	14.6

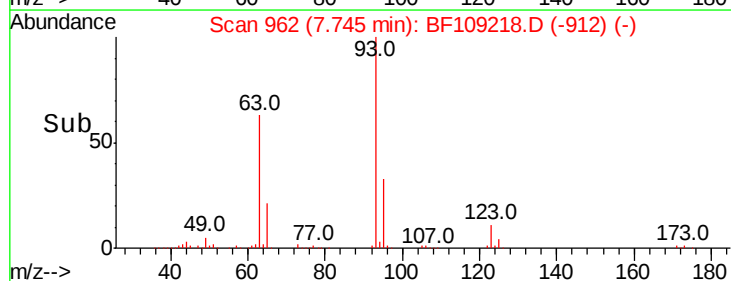
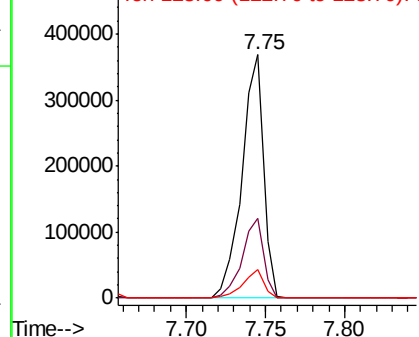


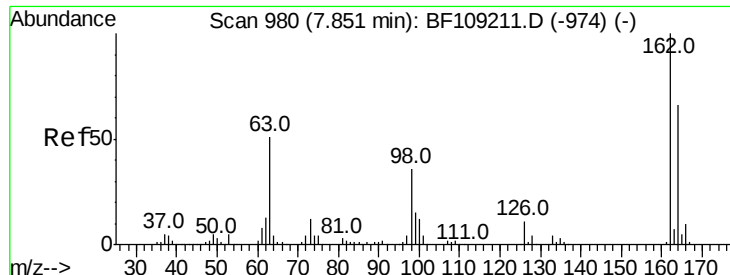
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





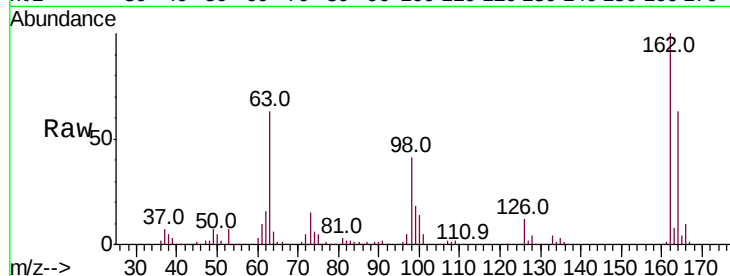
#29
2,4-Dichlorophenol
Concen: 41.193 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

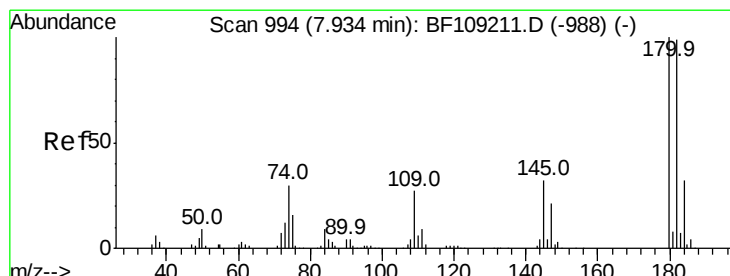
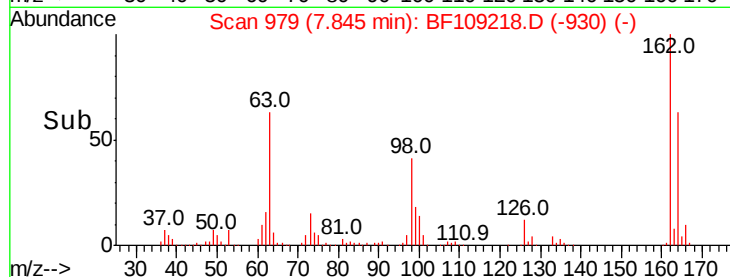
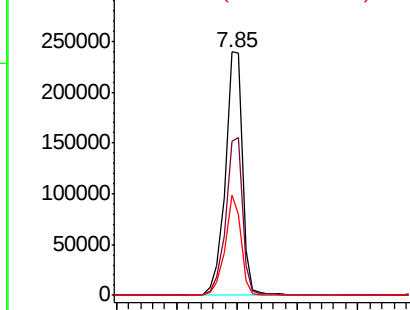
Tot Ion:	162	Resp:	237233
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.7	82.7
98	41.3	18.1	58.1

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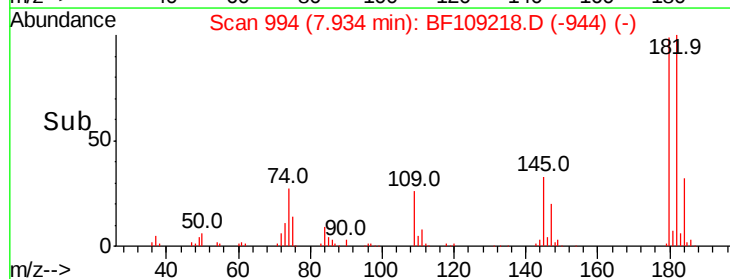
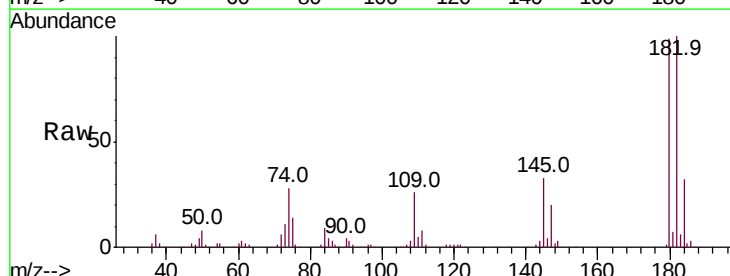
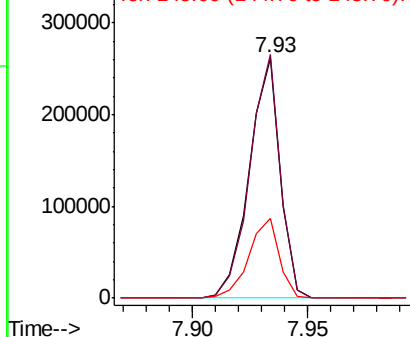
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

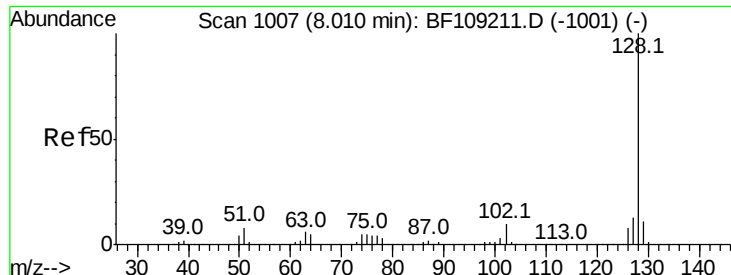


#30
1,2,4-Trichlorobenzene
Concen: 37.961 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion:	180	Resp:	244286
Ion Ratio	Lower	Upper	
180	100		
182	101.3	76.8	115.2
145	33.2	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





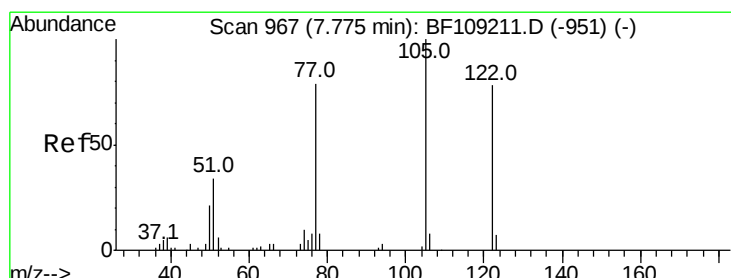
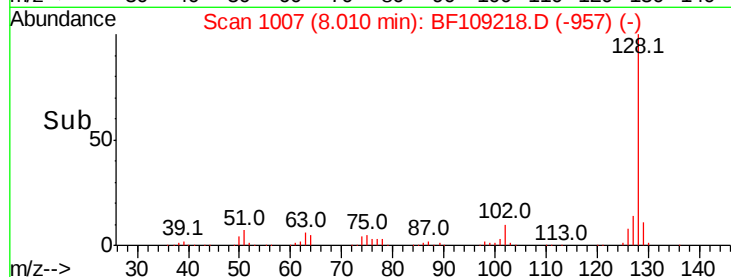
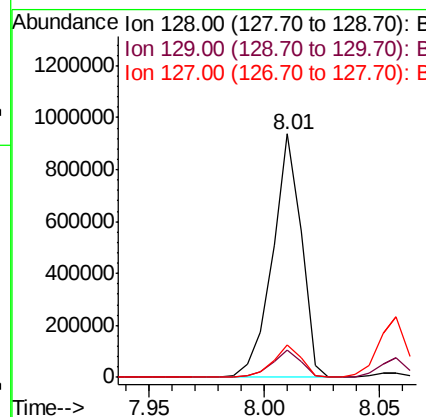
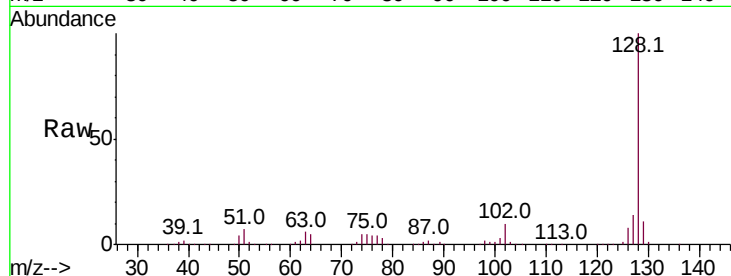
#31
Naphthalene
Concen: 42.051 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.5	10.9	16.3	

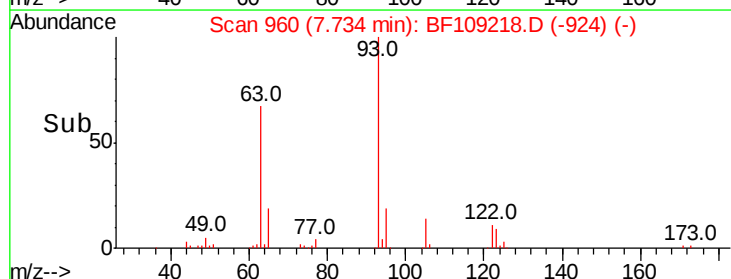
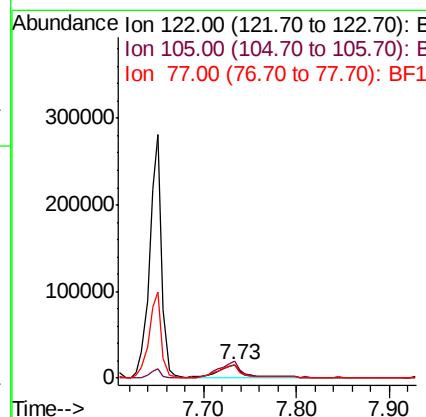
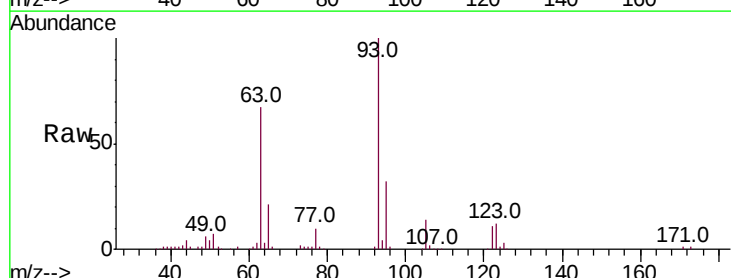
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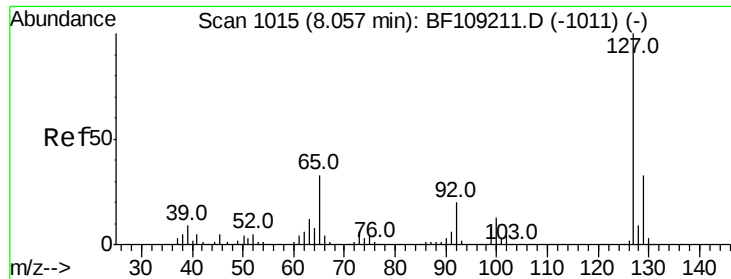
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#32
Benzoic acid
Concen: 14.193 ng m
RT: 7.73 min Scan# 960
Delta R.T. -0.09 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.8	101.1	141.1	
77	91.8	70.7	110.7	





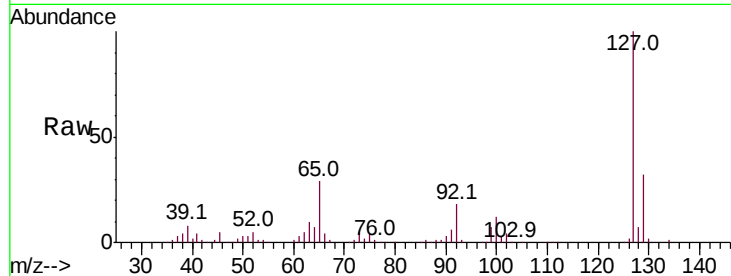
#33
4-Chloroaniline
Concen: 24.038 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	29.5	25.0	37.4
92	18.5	15.2	22.8

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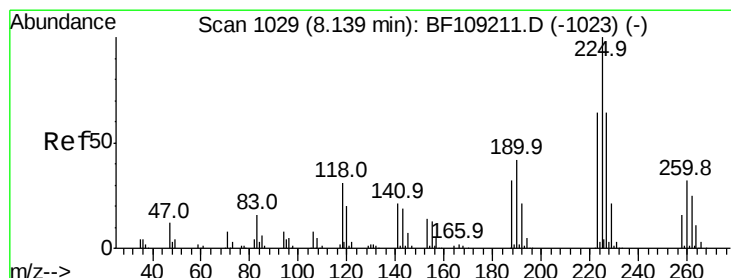
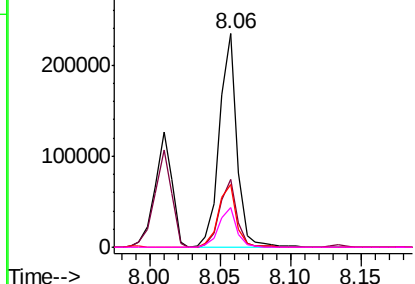
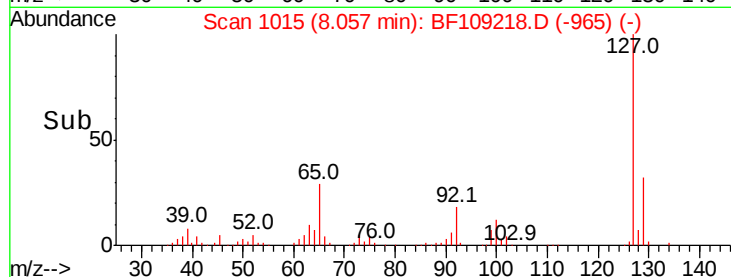
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

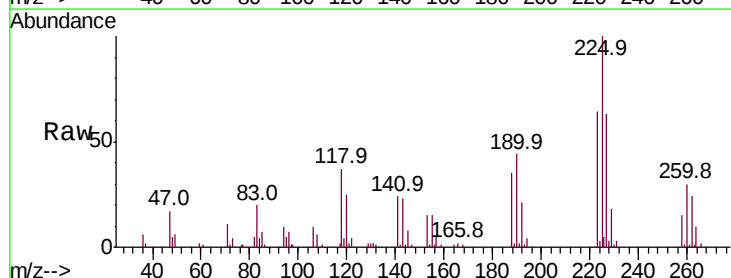
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.082 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.2	51.9	77.9

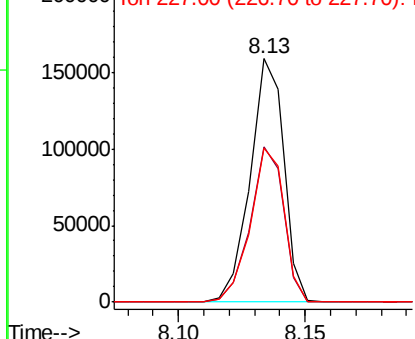
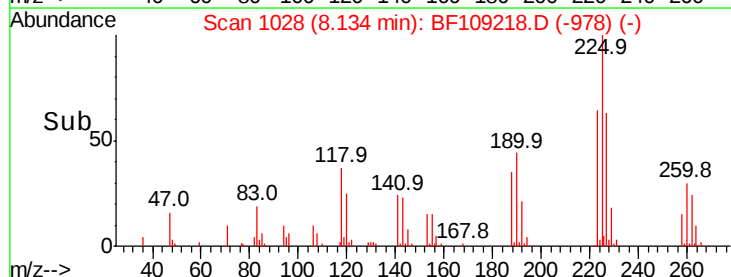


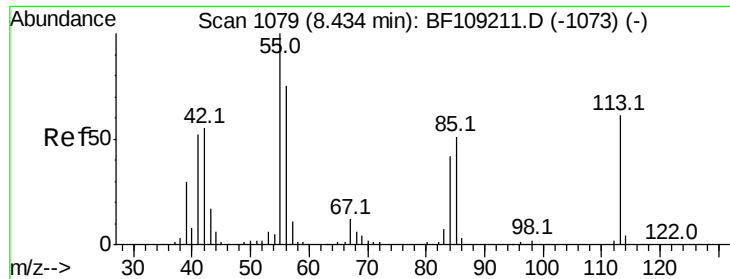
Abundance

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





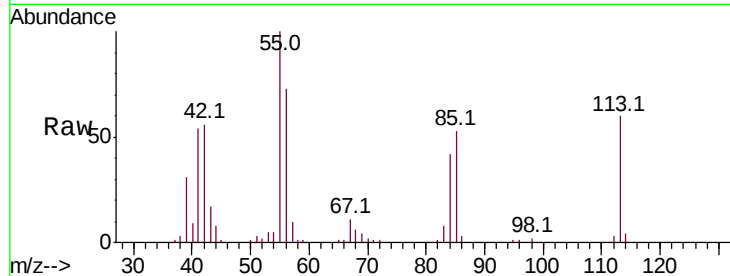
#35
Caprolactam
Concen: 40.498 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.04 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleID :
PB113087BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.9	163.3	203.3
56	123.4	115.7	155.7

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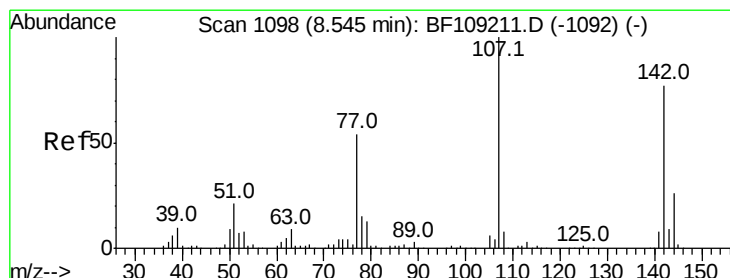
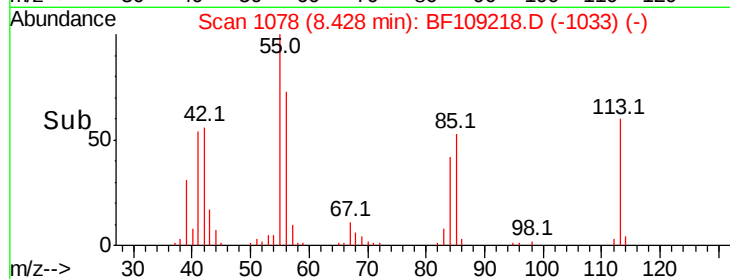
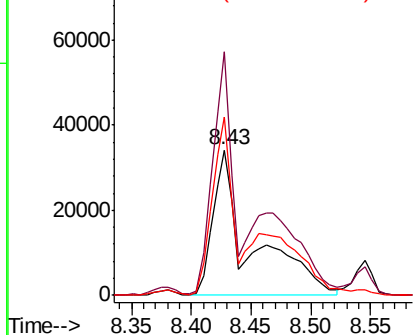


Abundance

Ion 113.00 (112.70 to 113.70): E

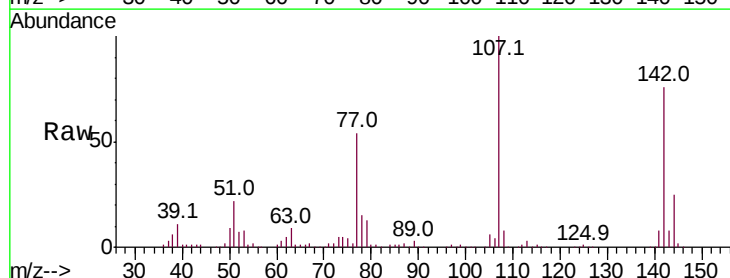
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 41.760 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	76.2	62.0	93.0

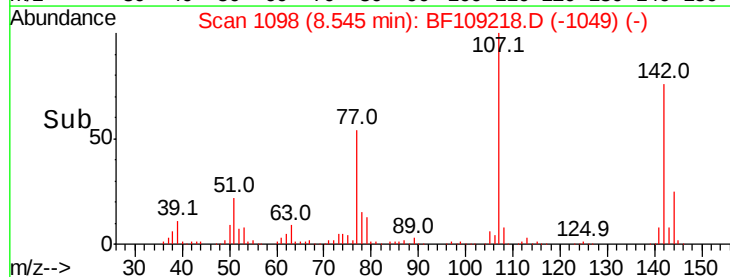
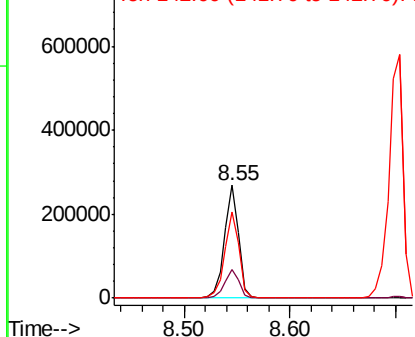


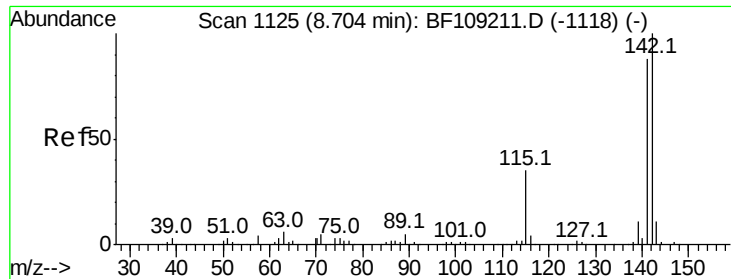
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





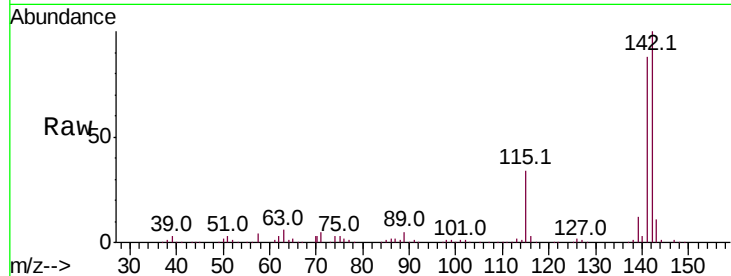
#37
2-Methylnaphthalene
Concen: 44.137 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	34.0	26.1	39.1

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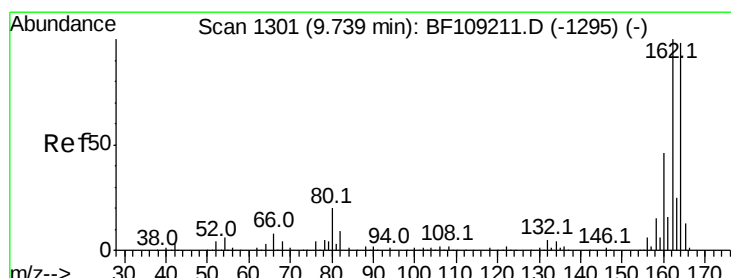
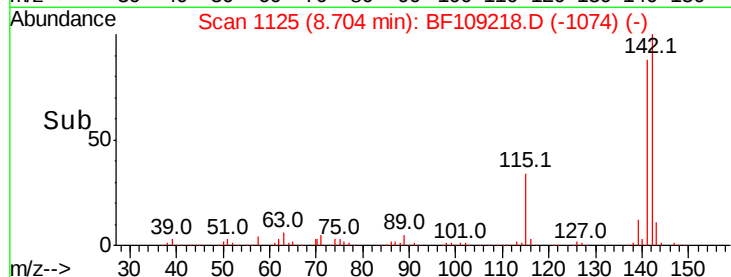
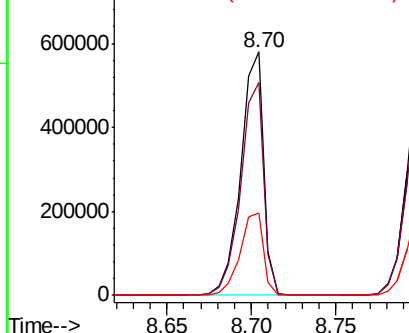


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

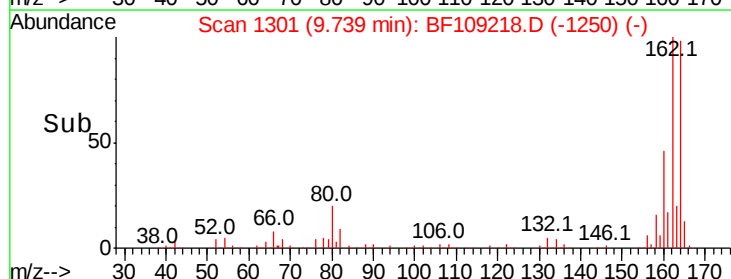
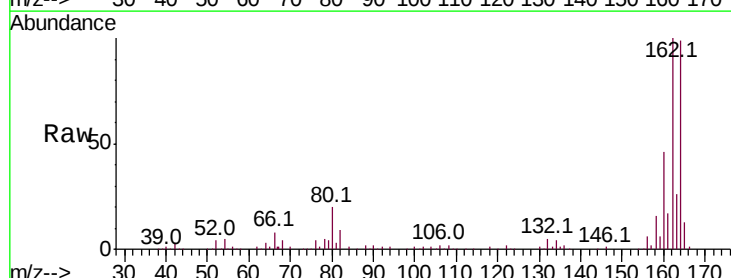
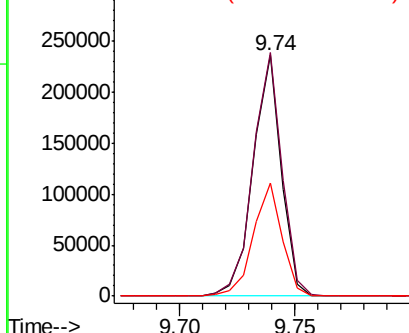
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.8	38.3	57.5

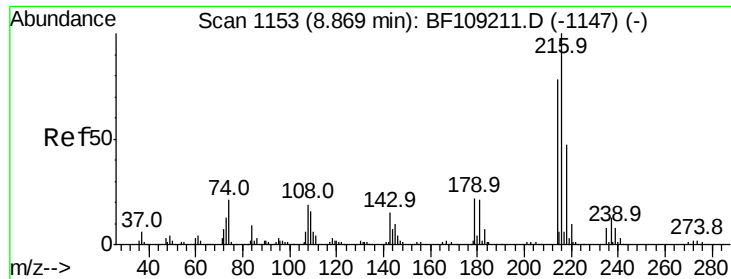
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





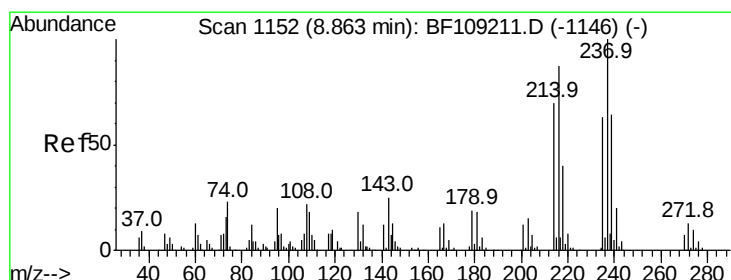
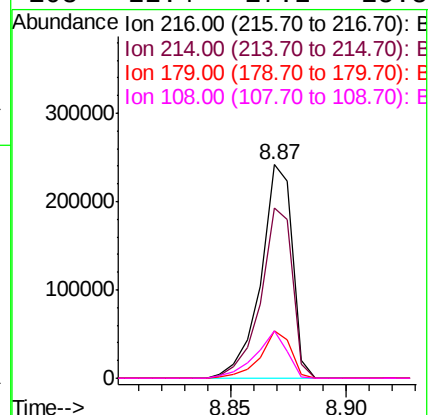
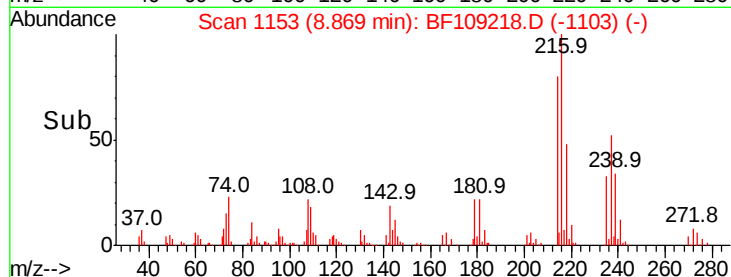
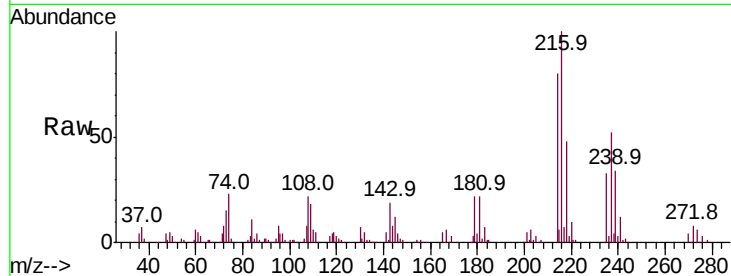
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.973 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	21.3	18.1	27.1
108	22.4	17.2	25.8

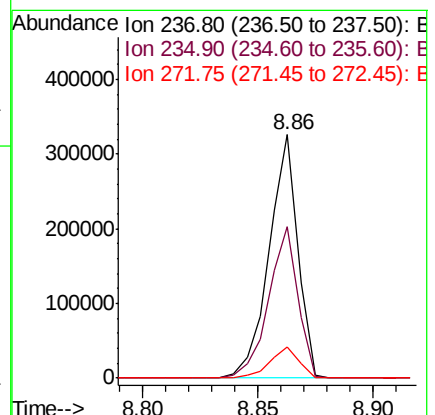
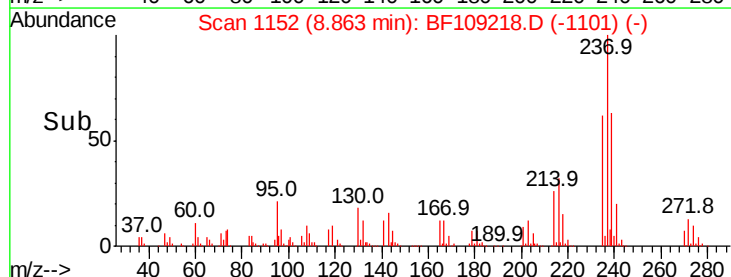
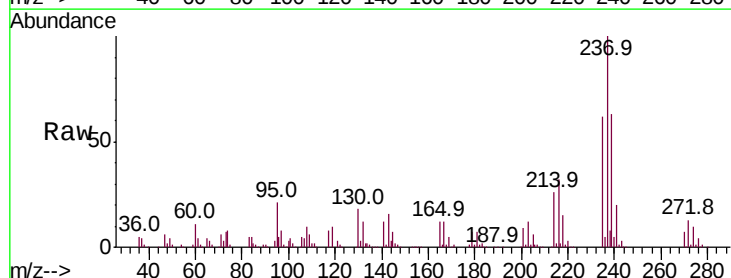
Manual Integrations
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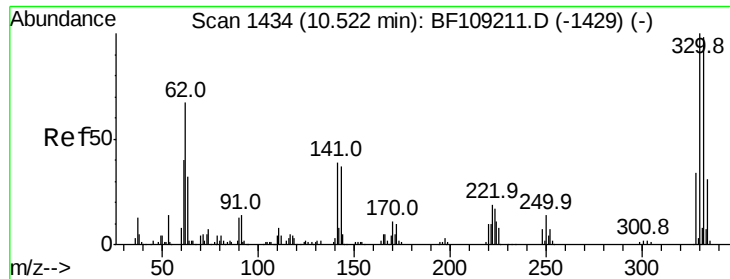
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#40
 Hexachlorocyclopentadiene
 Concen: 100.572 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	12.7	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 105.441 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

ClientSampleId :

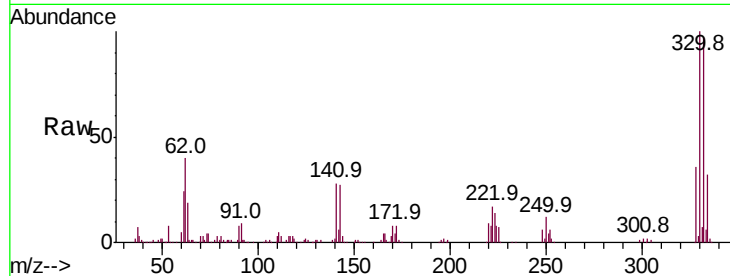
PB113087BS

Tot Ion:	330	Resp:	210081
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.0	115.6
141	35.1	29.9	44.9

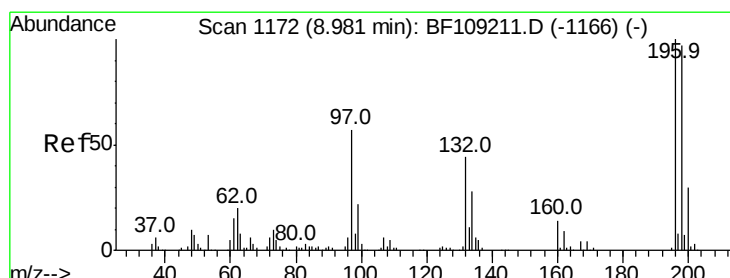
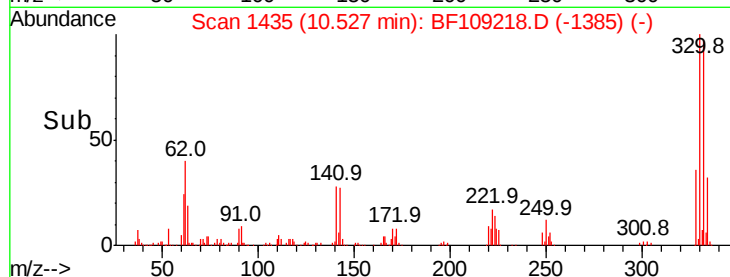
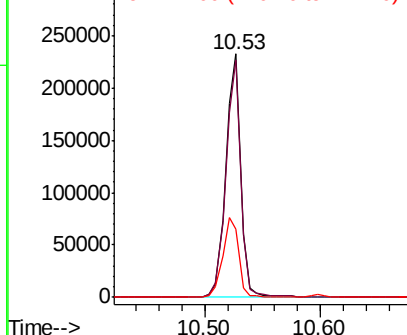
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.890 ng

RT: 8.98 min Scan# 1172

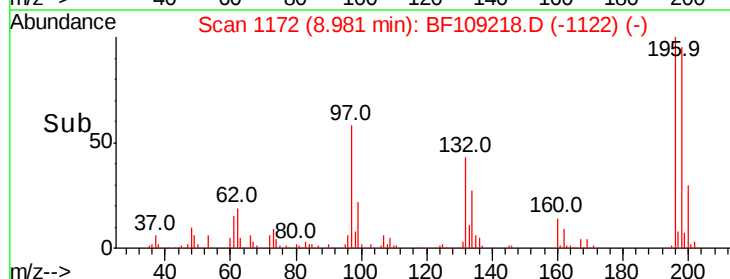
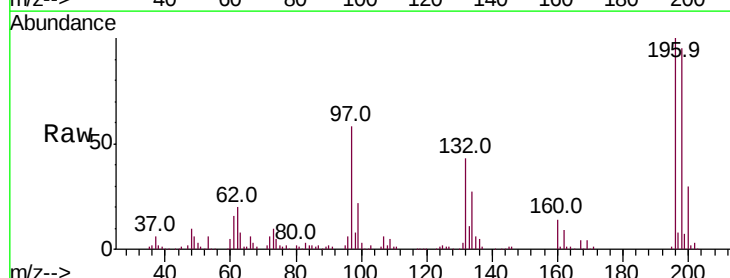
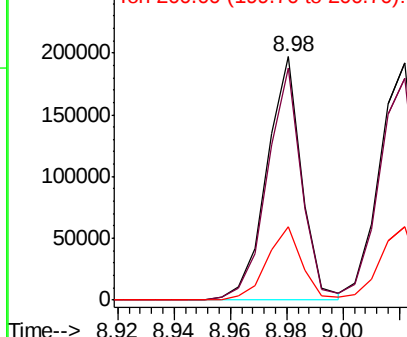
Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion:	196	Resp:	168806
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
200	30.3	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





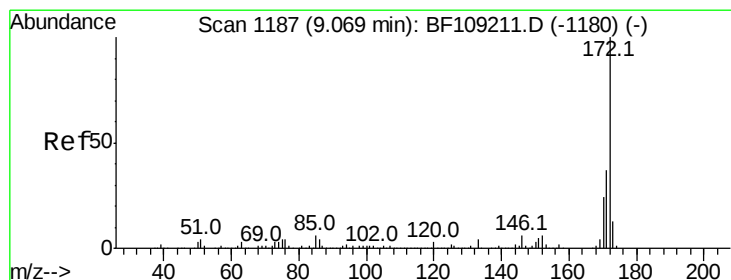
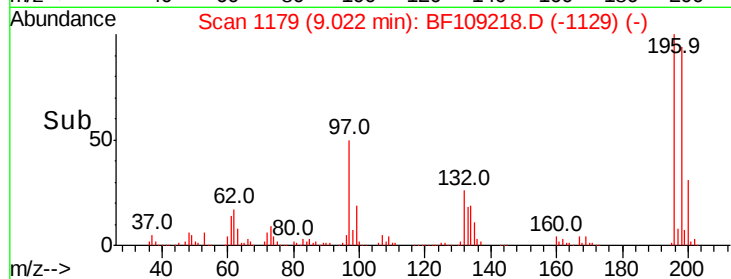
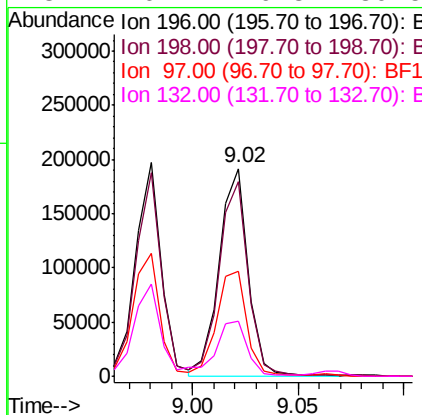
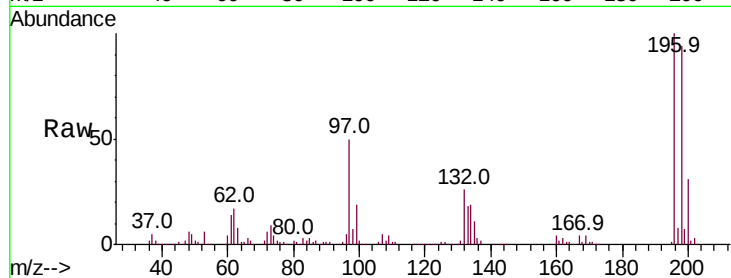
#43
 2,4,5-Trichlorophenol
 Concen: 41.420 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion:	196	Resp:	180593
Ion Ratio		Lower	Upper
196	100		
198	93.6	74.6	112.0
97	50.3	42.9	64.3
132	26.4	26.3	39.5

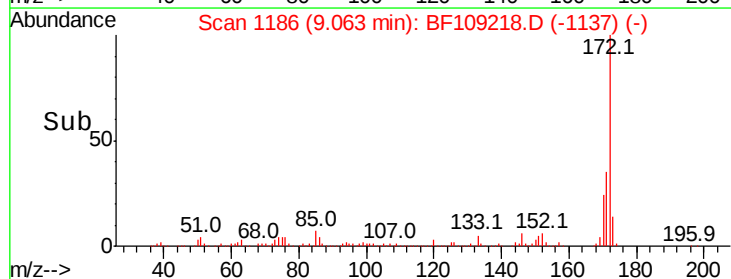
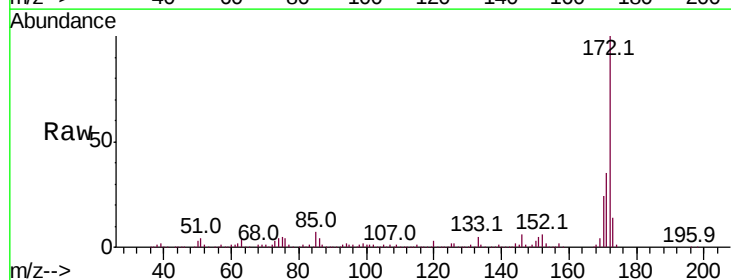
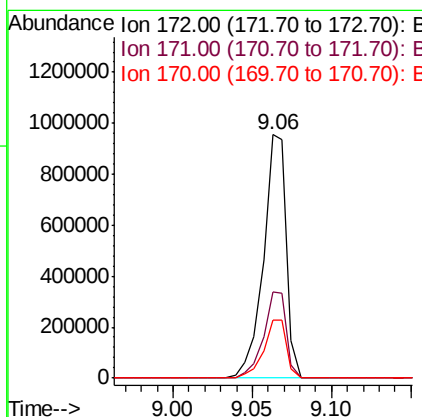
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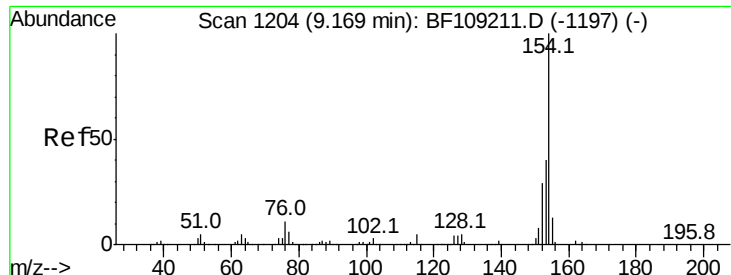
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 72.373 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion:	172	Resp:	969869
Ion Ratio		Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.251 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

ClientSampleId :

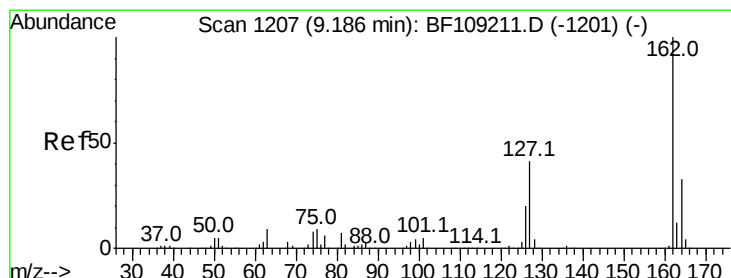
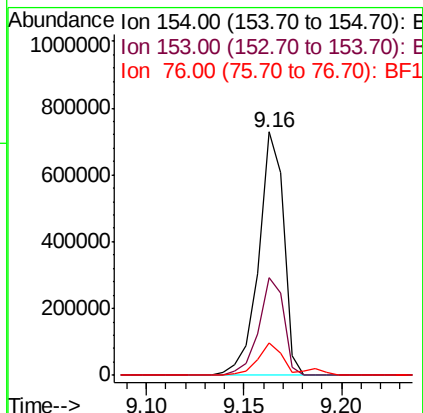
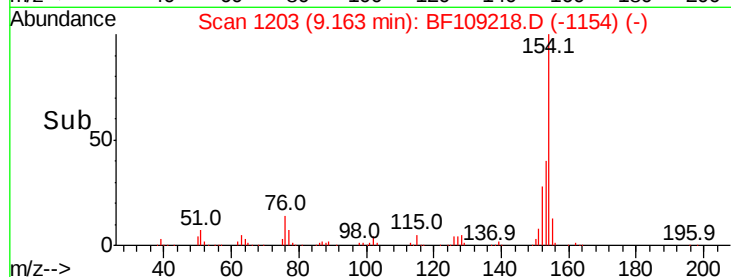
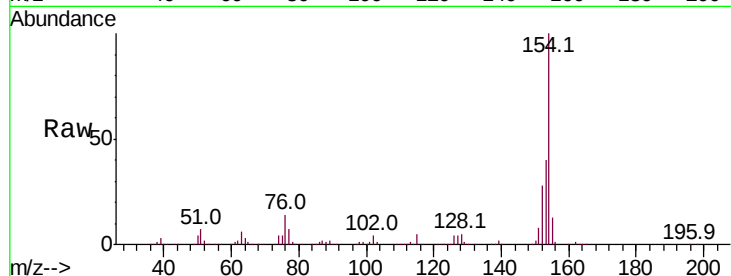
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Tot Ion:	154	Resp:	646357
Ion Ratio	Lower	Upper	
154	100		
153	39.9	21.3	61.3
76	13.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 38.007 ng

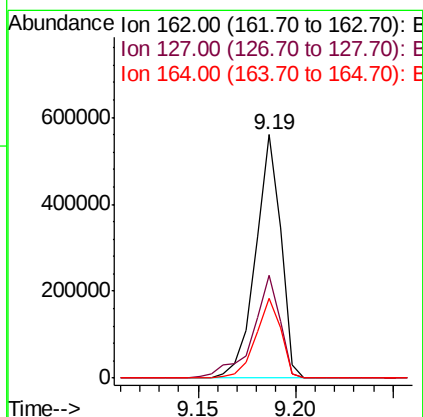
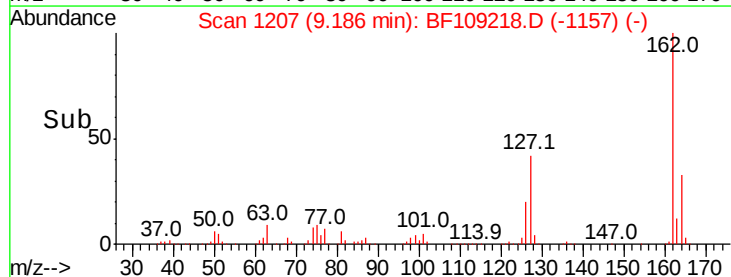
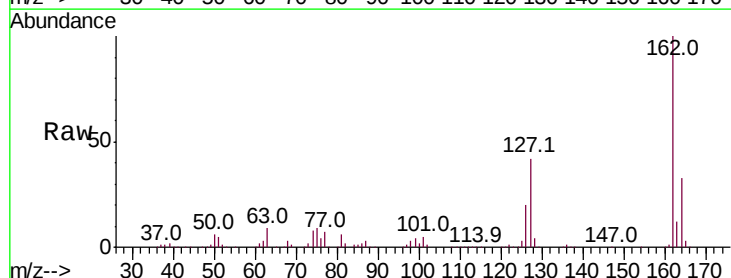
RT: 9.19 min Scan# 1207

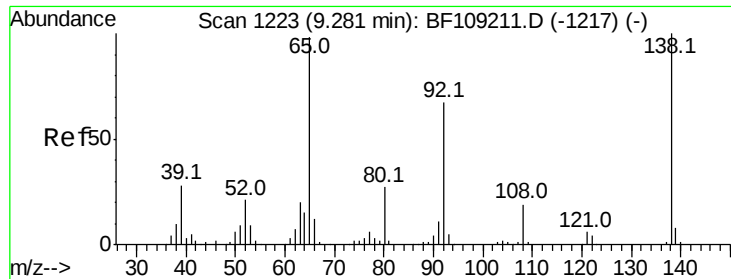
Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion:	162	Resp:	499995
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	32.8	26.5	39.7





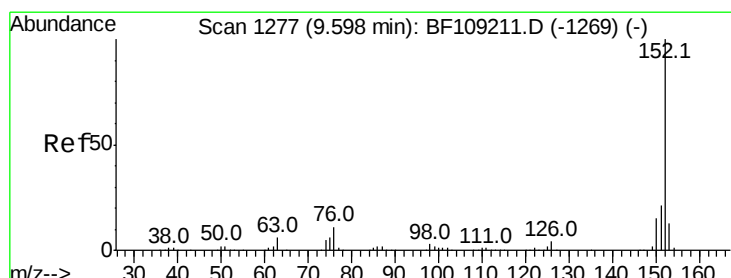
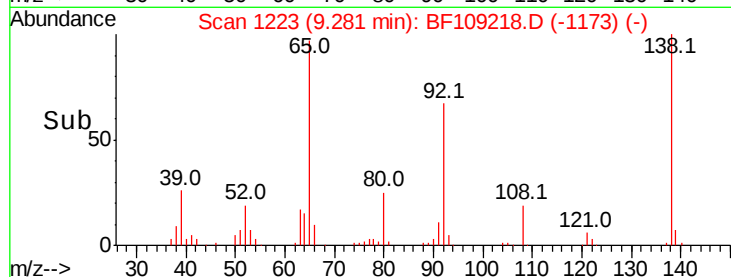
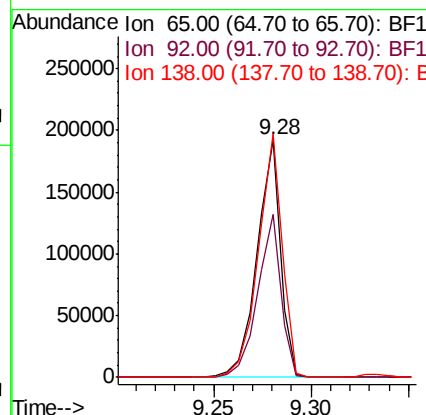
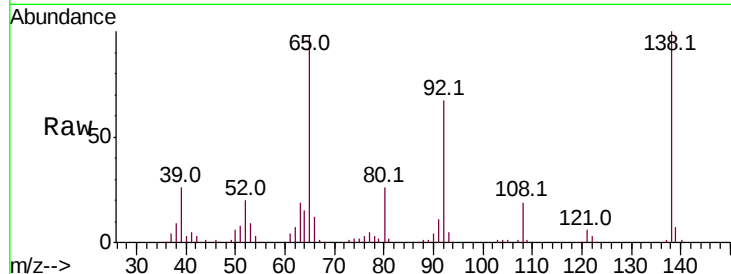
#47
2-Nitroaniline
Concen: 42.944 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.8	83.6
138	102.5	91.2	136.8

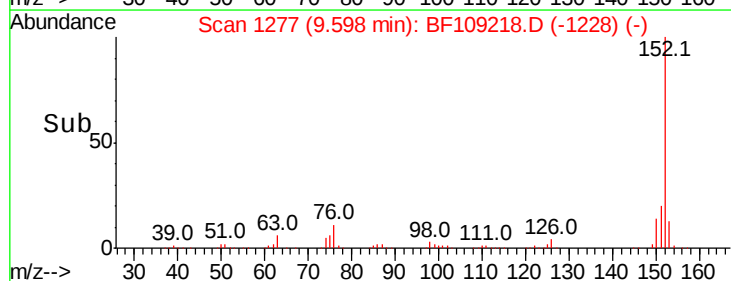
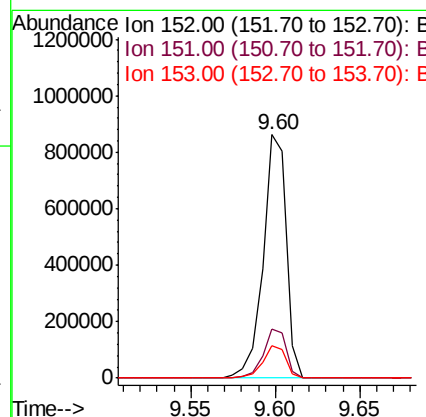
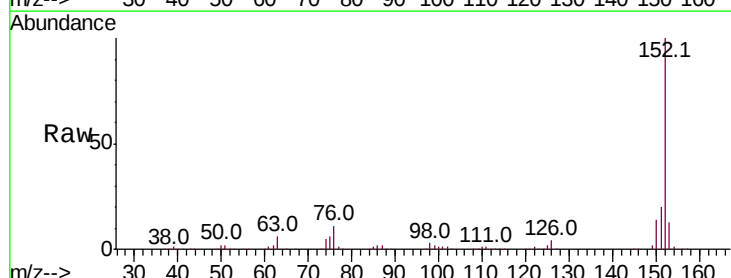
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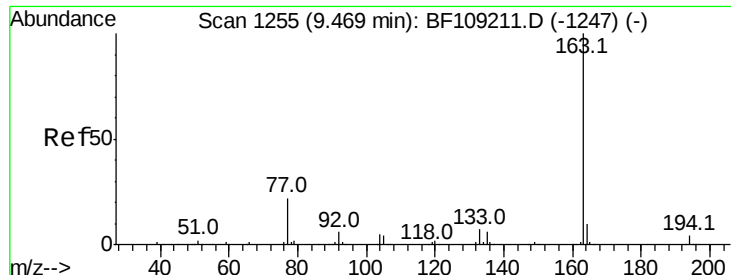
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#48
Acenaphthylene
Concen: 41.301 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.1	10.7	16.1





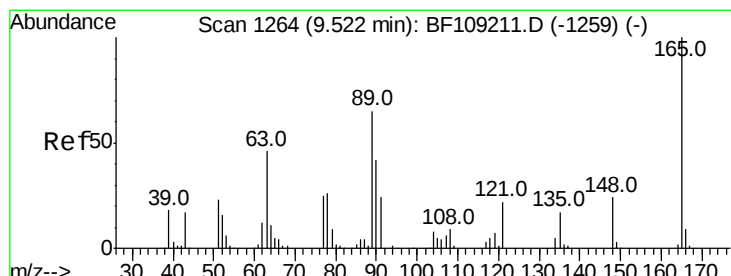
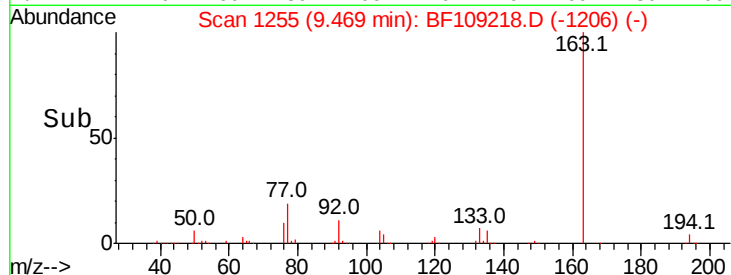
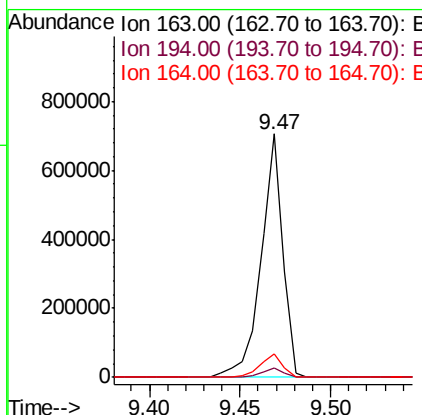
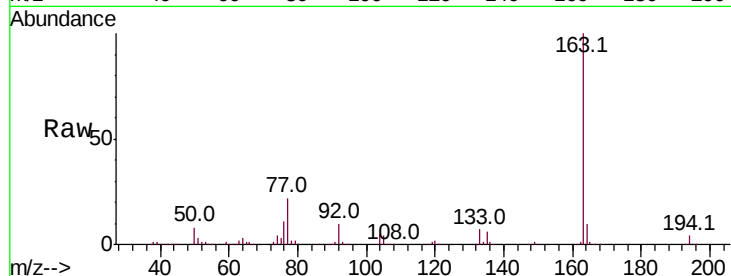
#49
Dimethylphthalate
Concen: 39.947 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	587229		
194	3.8		2.7	4.1
164	9.9		8.2	12.2

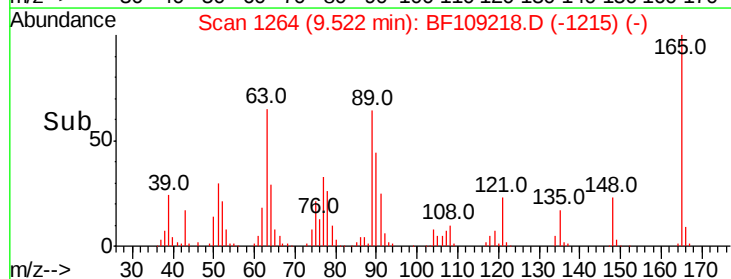
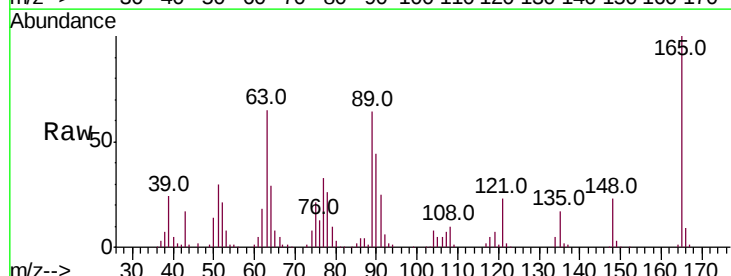
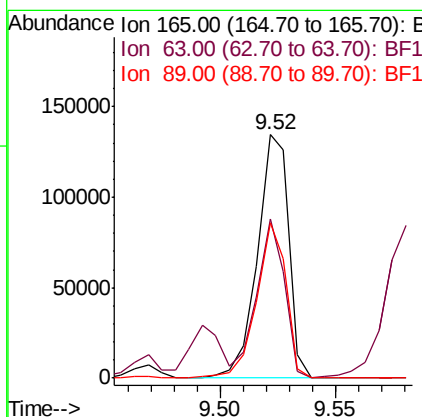
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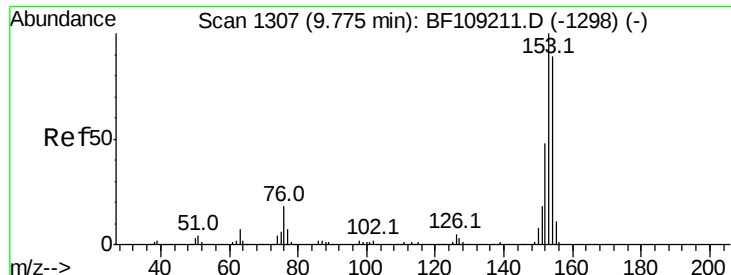
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#50
2,6-Dinitrotoluene
Concen: 43.615 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126981		
63	65.4		44.7	67.1
89	63.8		44.0	66.0





#51

Acenaphthene

Concen: 41.720 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

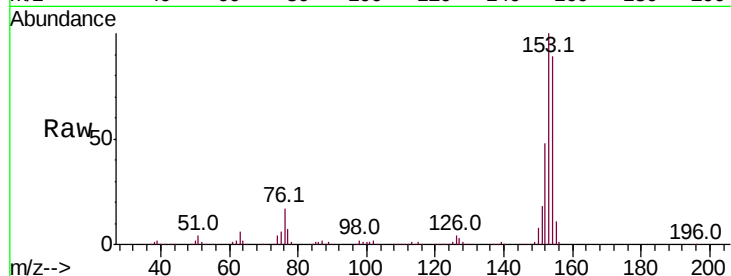
ClientSampleId :

PB113087BS

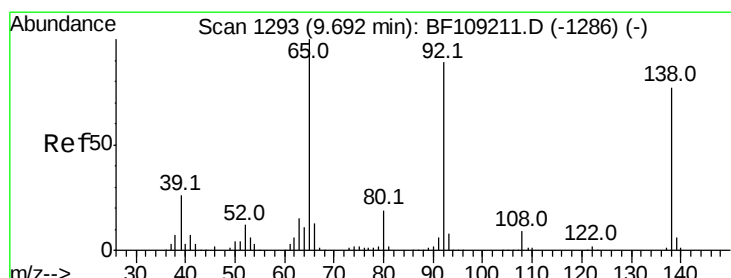
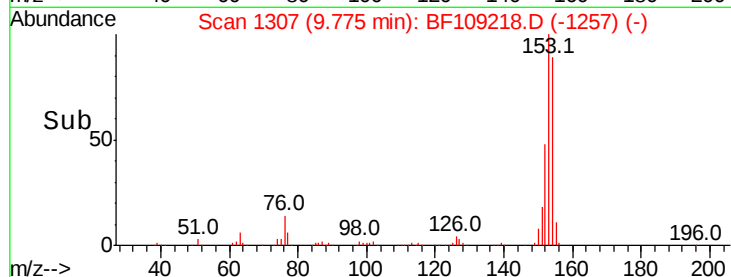
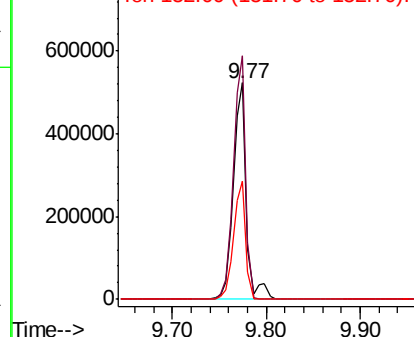
Tot Ion:	154	Resp:	500595
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	54.4	43.8	65.8

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



#52

3-Nitroaniline

Concen: 33.209 ng

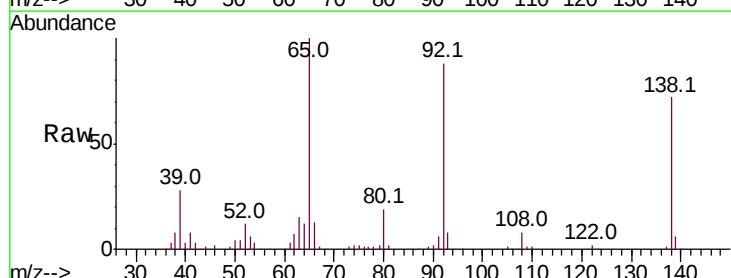
RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

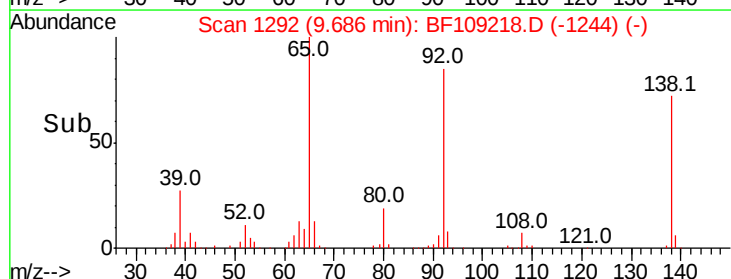
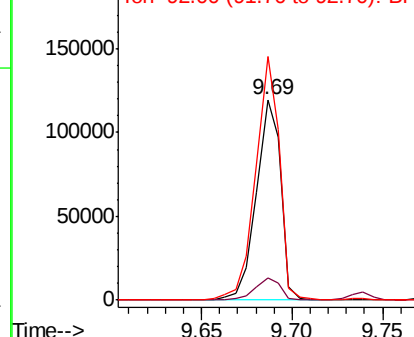
Lab File: BF109218.D

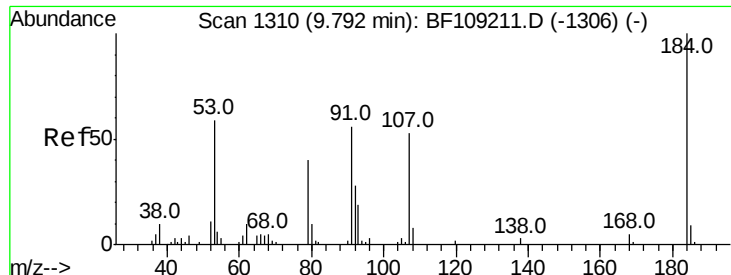
Acq: 22 Sep 2018 13:55

Tgt Ion:	138	Resp:	111969
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	121.7	89.4	134.2



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





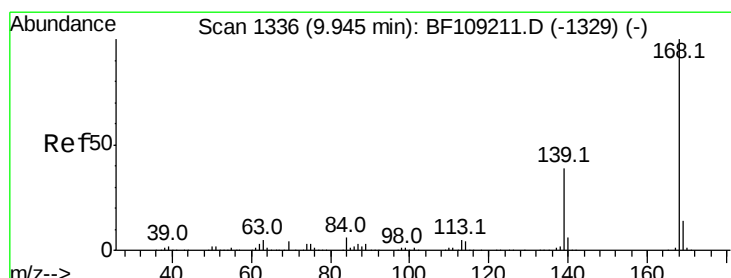
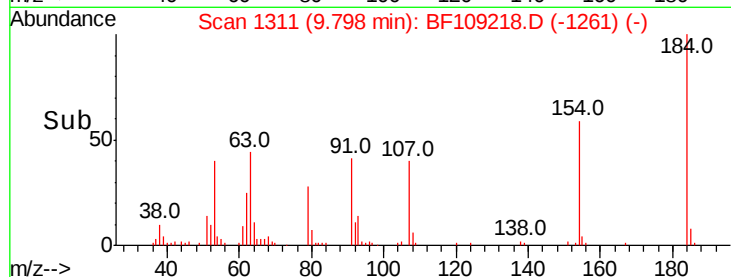
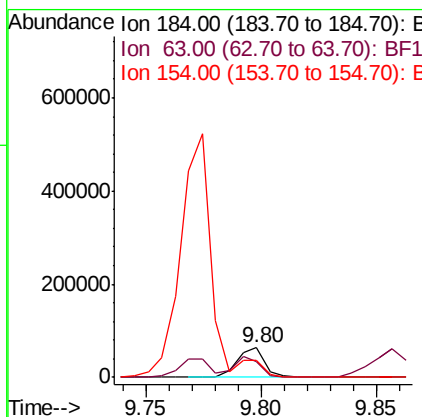
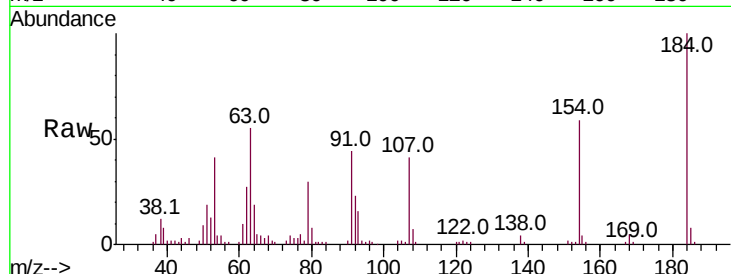
#53
2,4-Dinitrophenol
Concen: 54.389 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.7	54.2	81.2
154	59.5	184.0	276.0#

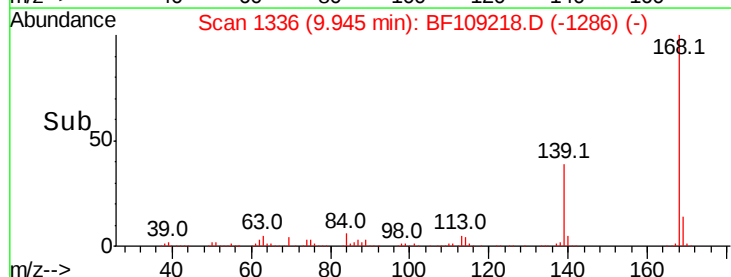
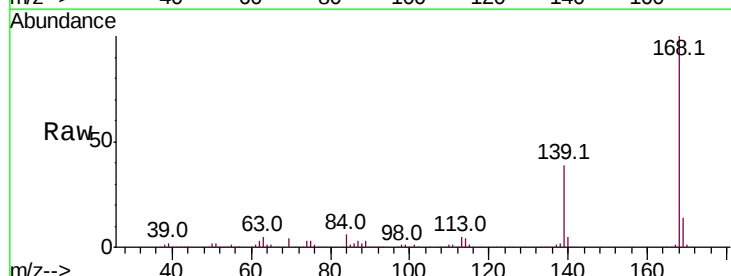
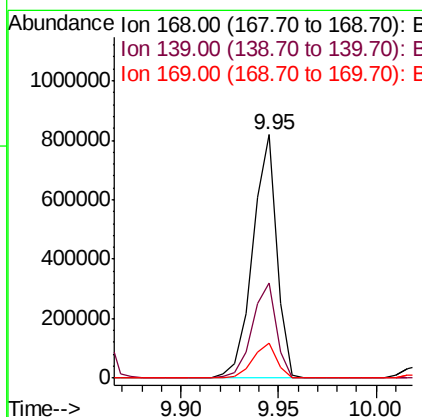
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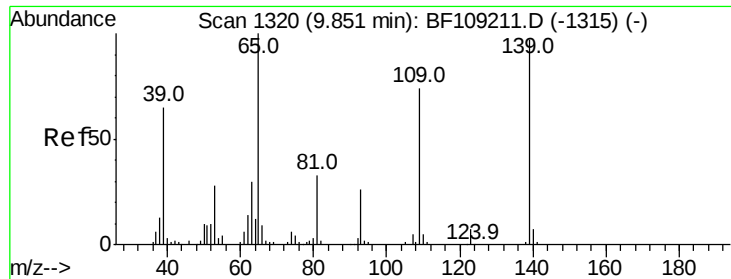
Sohil
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#54
Dibenzofuran
Concen: 39.004 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.2	10.9	16.3





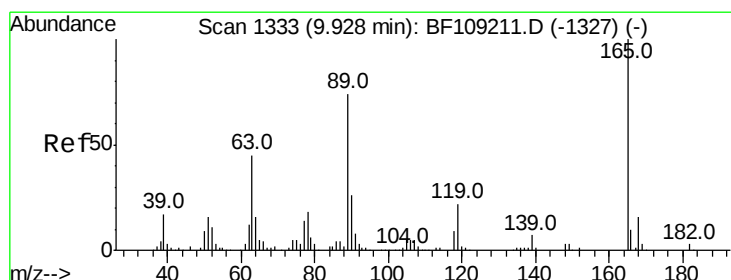
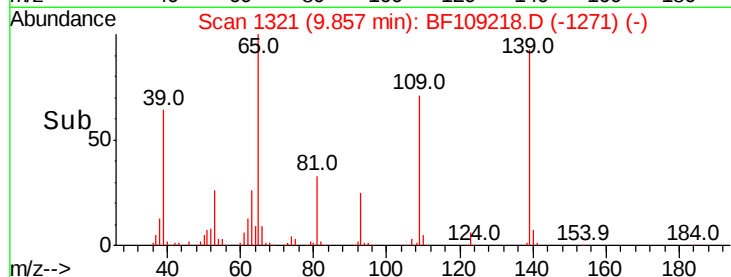
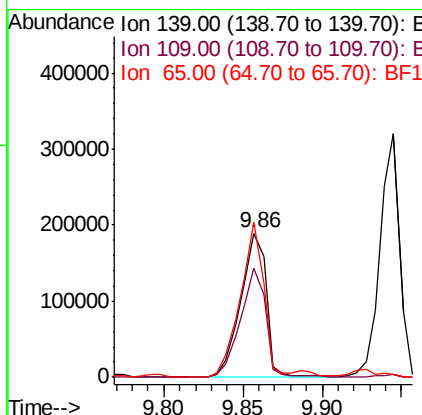
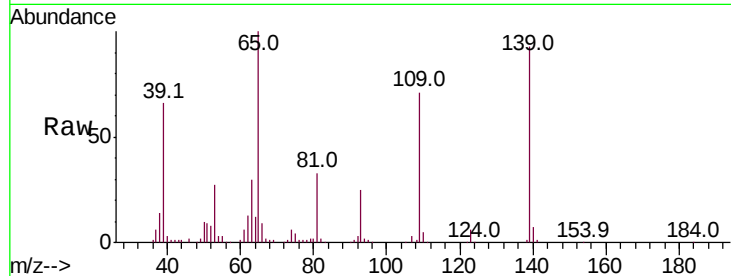
#55
4-Nitrophenol
Concen: 83.509 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.1	48.4	88.4
65	107.4	72.6	112.6

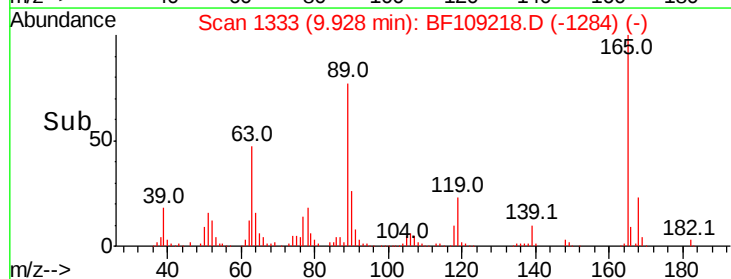
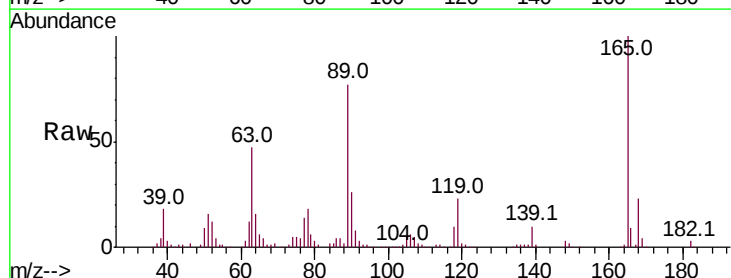
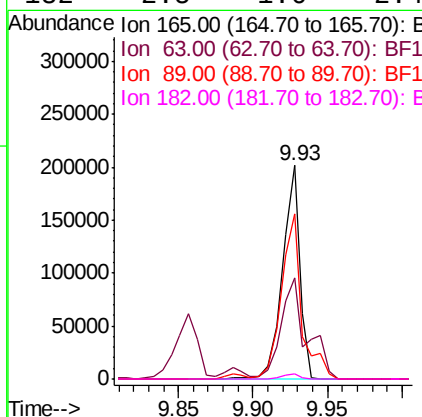
Manual Integrations
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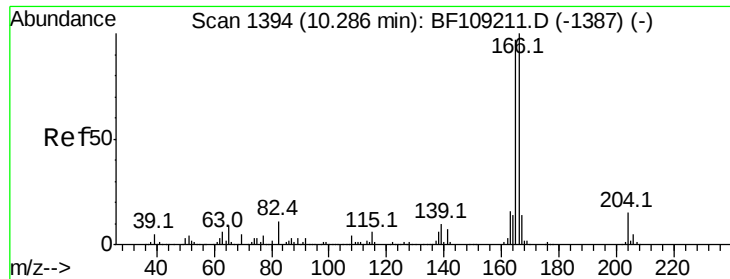
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.971 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.1	36.4	54.6
89	77.3	57.8	86.6
182	2.5	1.6	2.4#





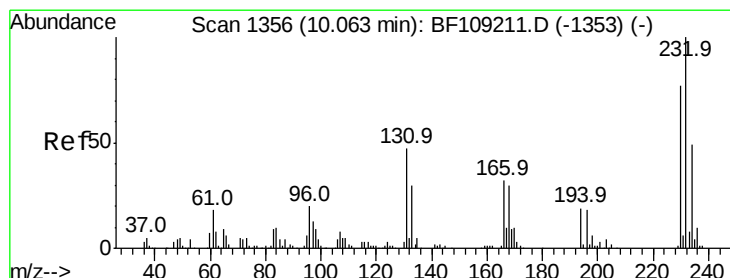
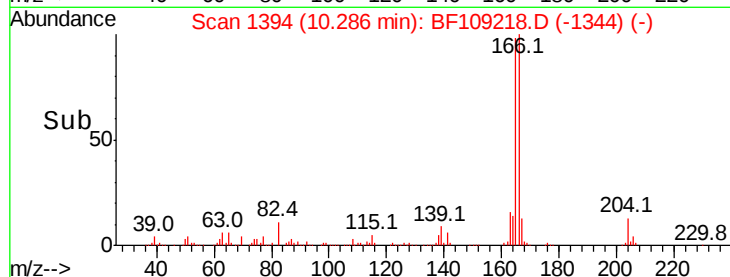
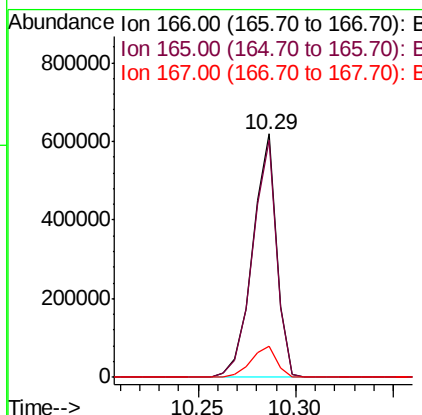
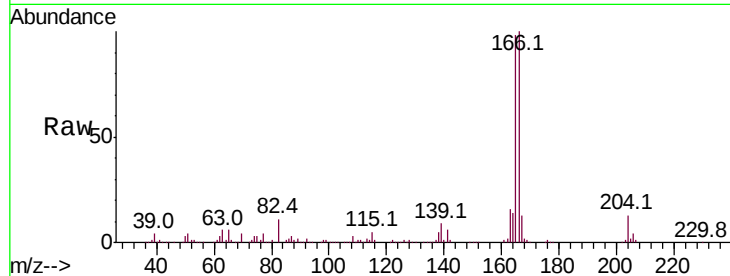
#57
 Fluorene
 Concen: 41.415 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	527298		
165	97.7	79.8	119.8	
167	13.0	10.6	16.0	

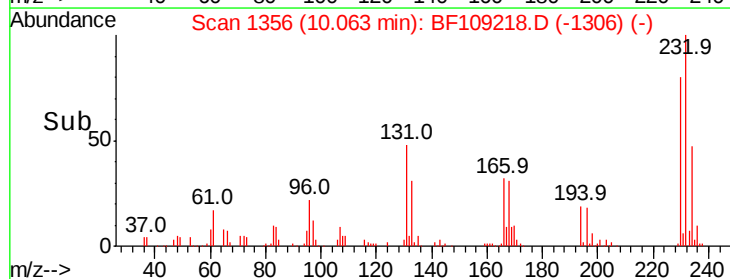
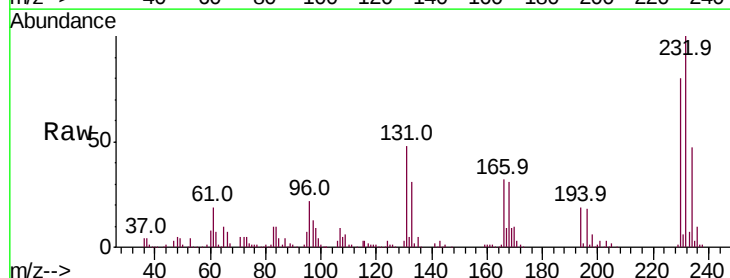
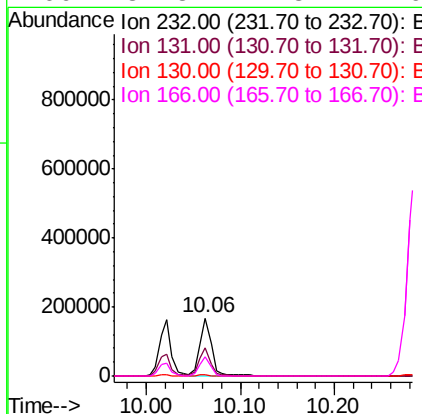
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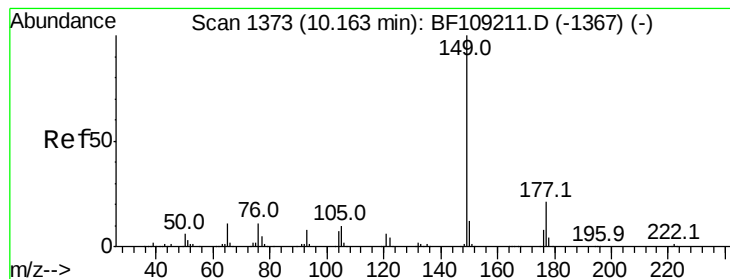
Sohil
 9/24/2018 11:38:40 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.605 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	147081		
131	46.7	43.8	65.8	
130	2.3	2.1	3.1	
166	31.8	27.8	41.6	





#59

Diethylphthalate

Concen: 40.673 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

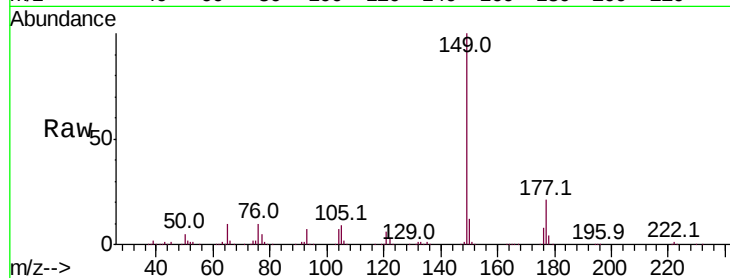
ClientSampleId :

PB113087BS

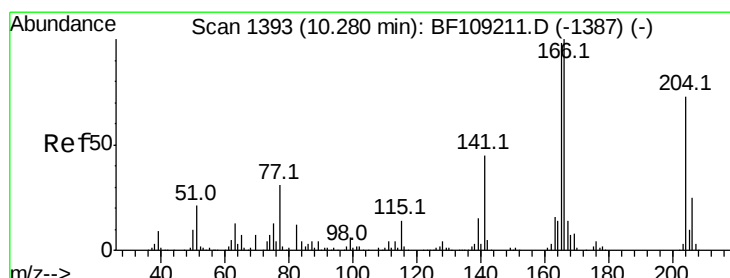
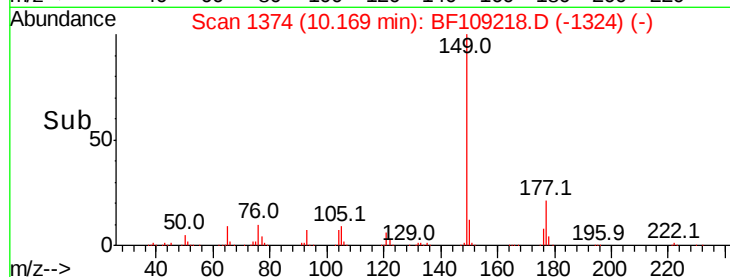
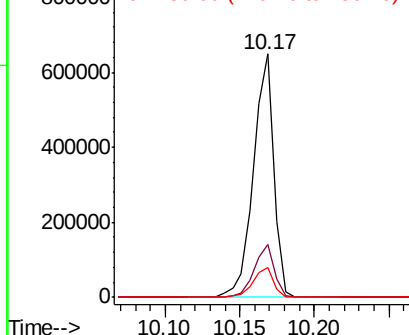
Tot Ion:	149	Resp:	605472
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.1	24.1
150	12.4	10.1	15.1

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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: 36.957 ng

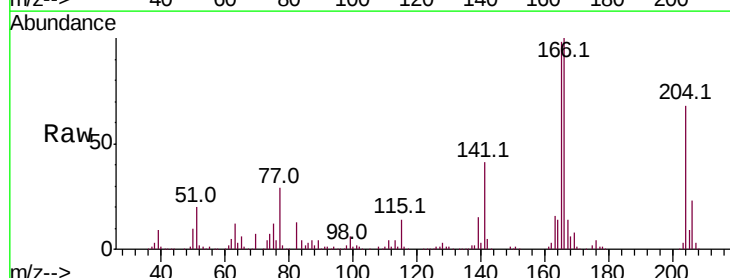
RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

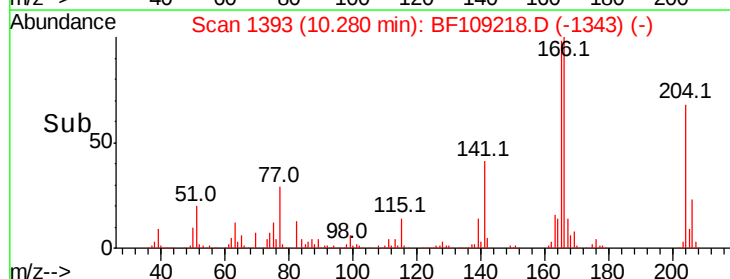
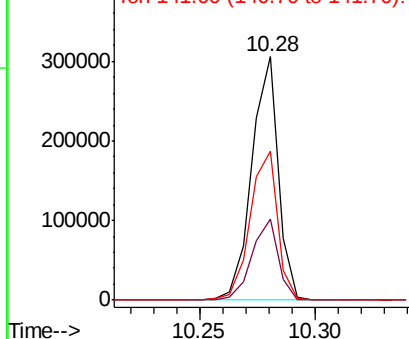
Lab File: BF109218.D

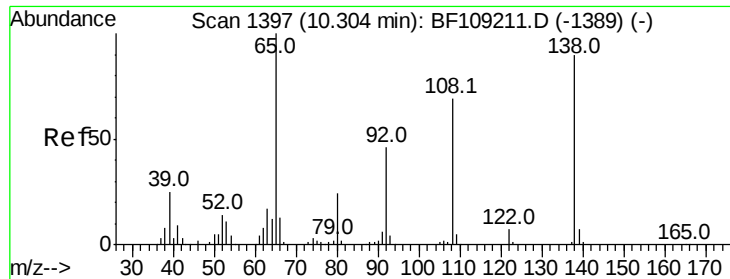
Acq: 22 Sep 2018 13:55

Tgt Ion:	204	Resp:	245768
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	61.1	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





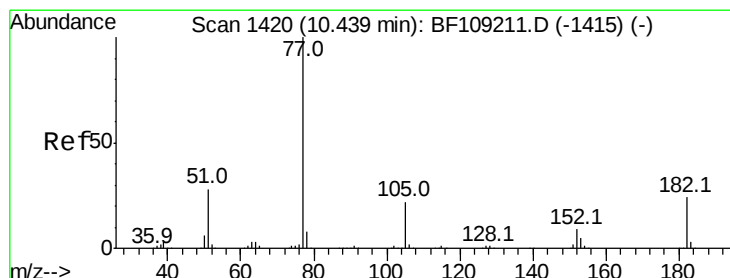
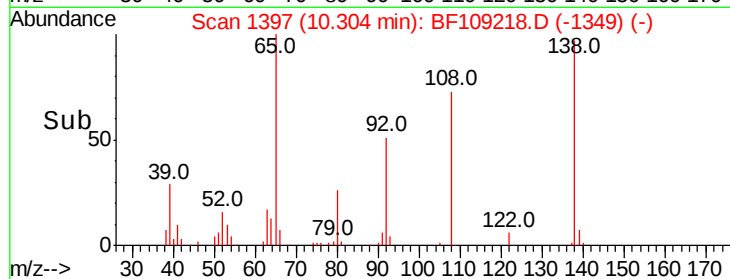
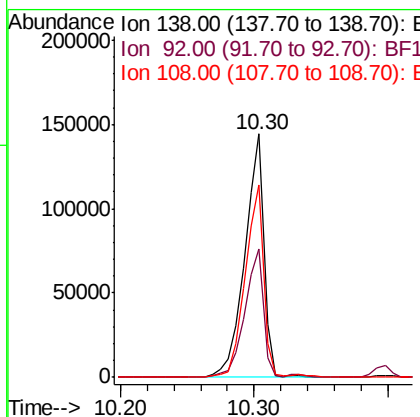
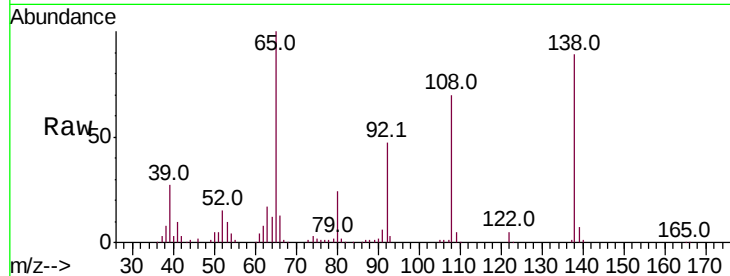
#61
4-Nitroaniline
Concen: 43.421 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	142773		
92	52.6	30.2	70.2	
108	79.0	52.5	92.5	

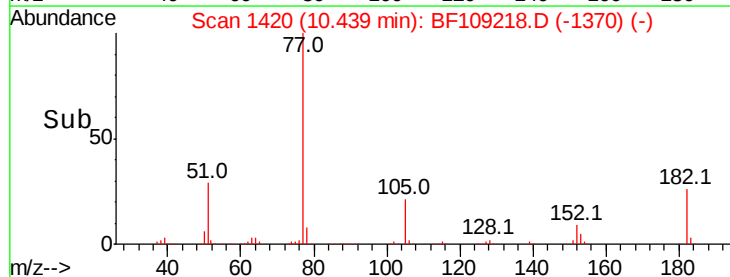
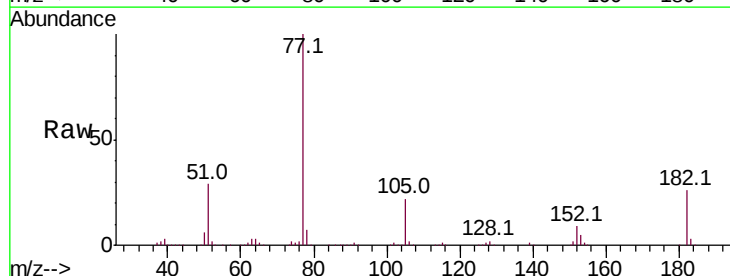
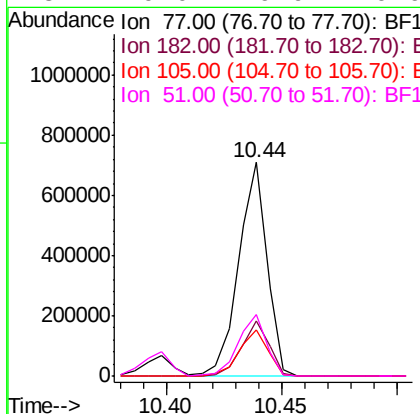
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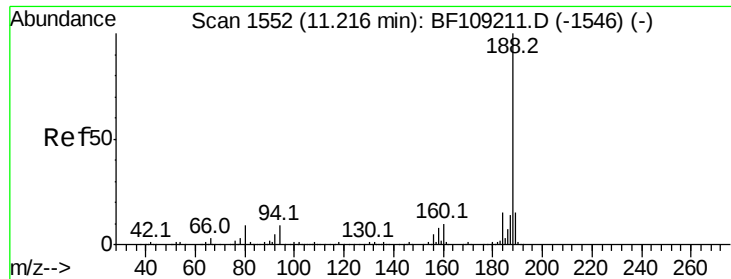
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#62
Azobenzene
Concen: 39.401 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	609383		
182	25.5	1.7	41.7	
105	21.8	3.0	43.0	
51	29.0	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: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

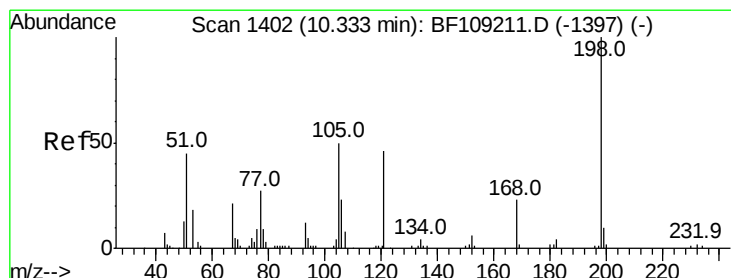
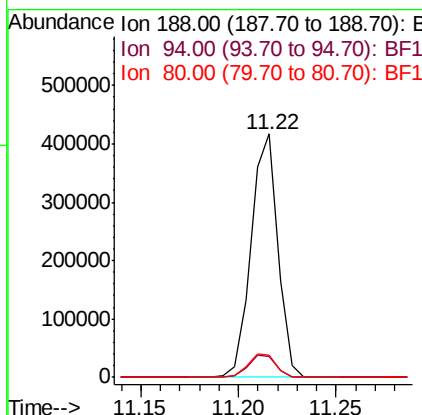
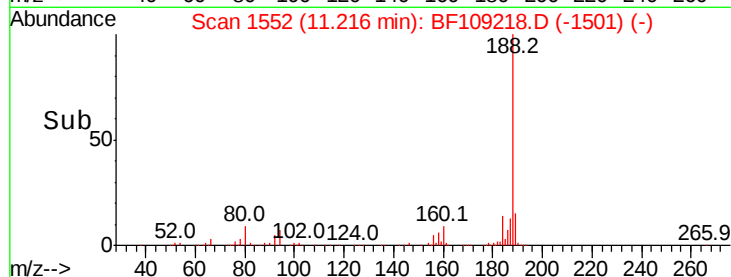
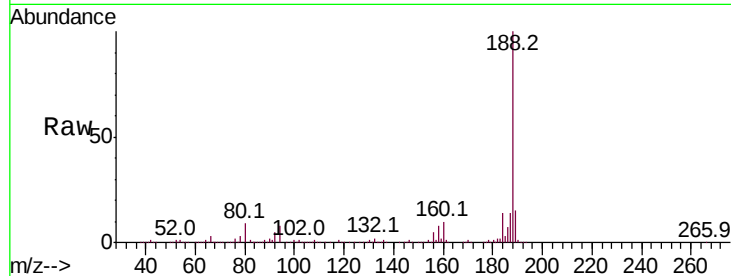
ClientSampled :

PB113087BS

Tot Ion	188	Resp	395938
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.5	12.7
80	9.3	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.218 ng

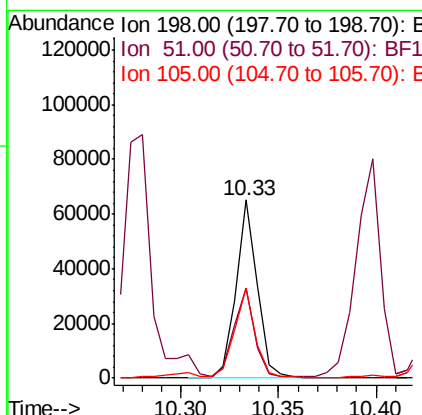
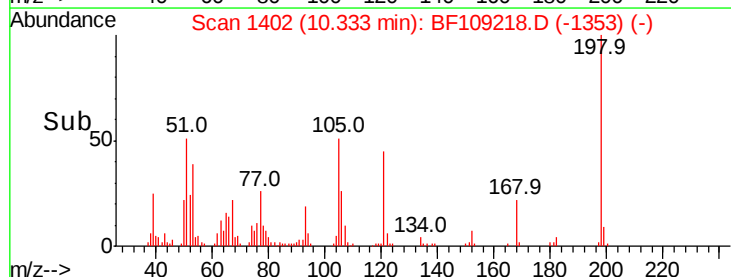
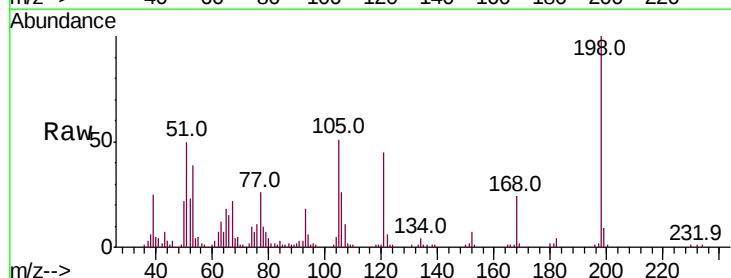
RT: 10.33 min Scan# 1402

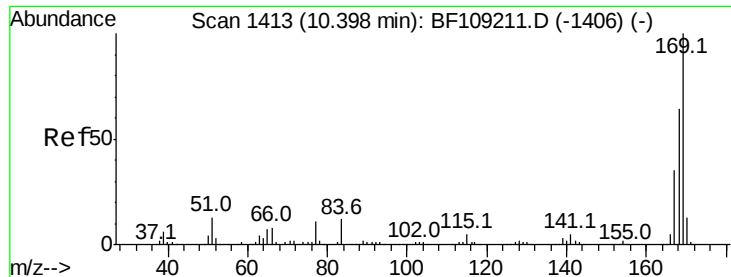
Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion	198	Resp	48960
Ion Ratio	Lower	Upper	
198	100		
51	50.2	37.7	77.7
105	50.6	36.3	76.3





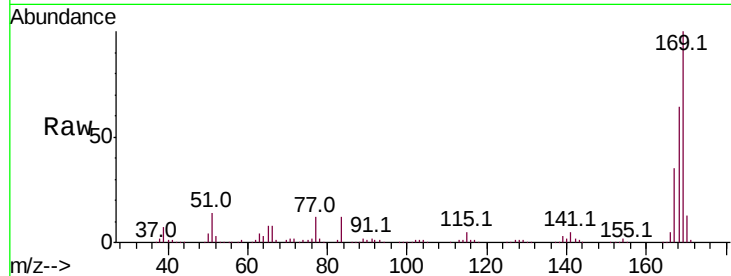
#65
 n-Nitrosodiphenylamine
 Concen: 38.905 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

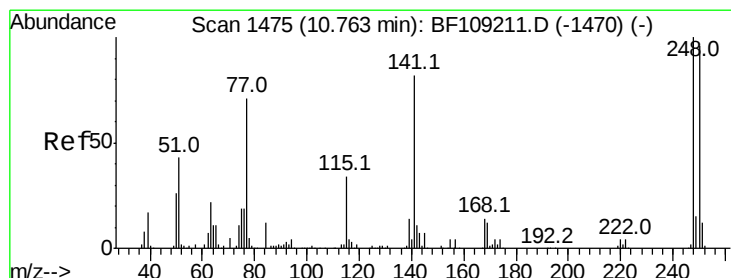
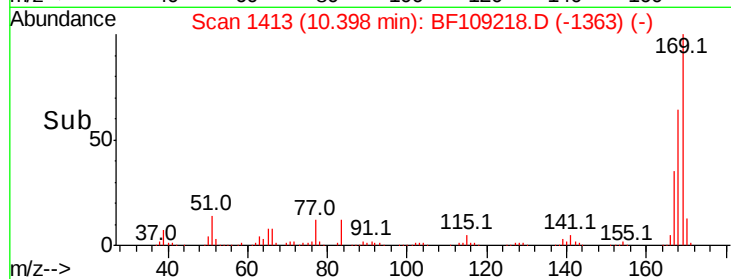
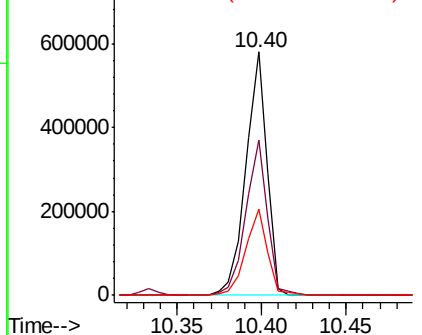
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.8	54.4	81.6	
167	35.5	29.8	44.6	

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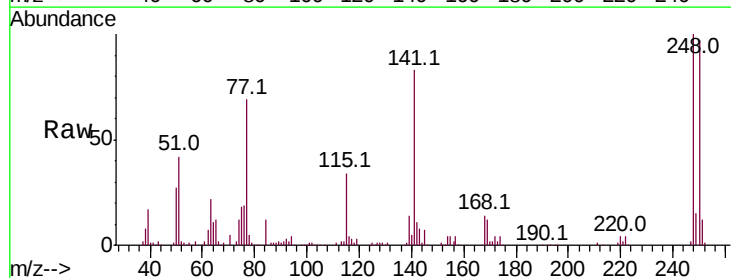


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

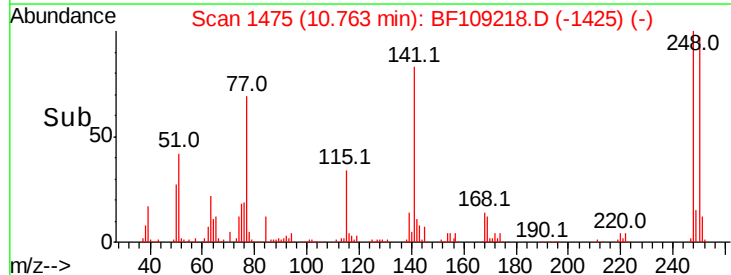
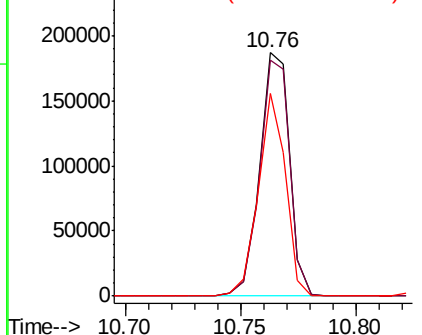


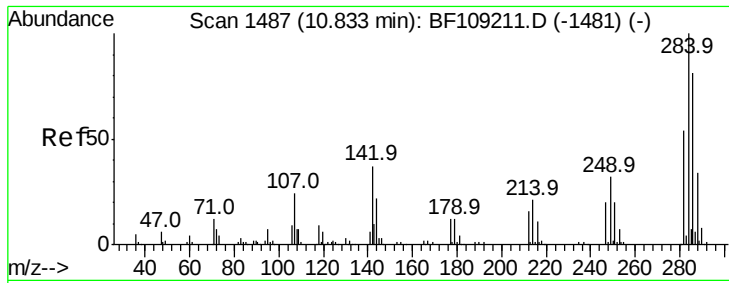
#66
 4-Bromophenyl-phenylether
 Concen: 38.324 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	76.9	115.3	
141	83.1	74.4	111.6	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





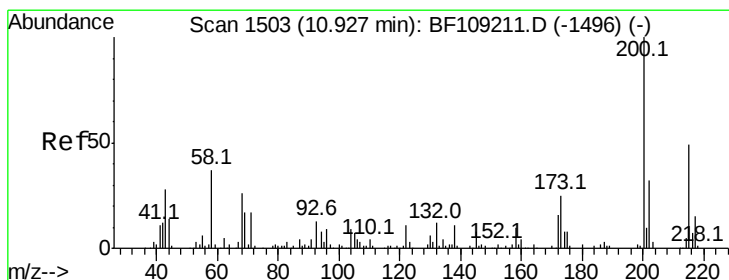
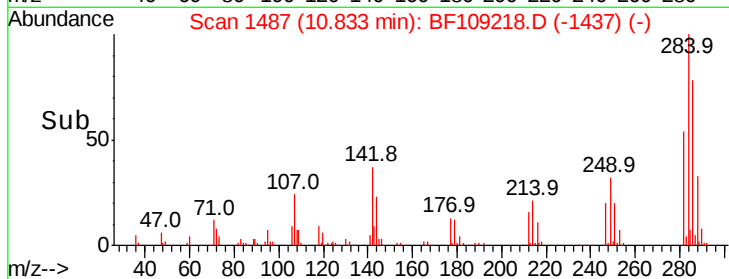
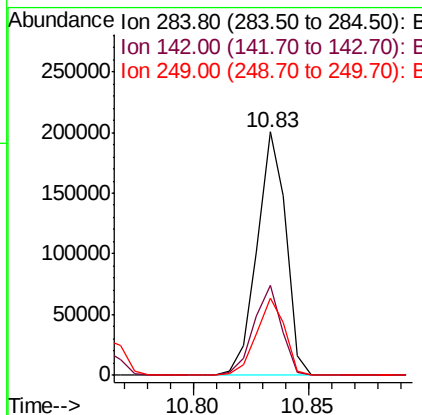
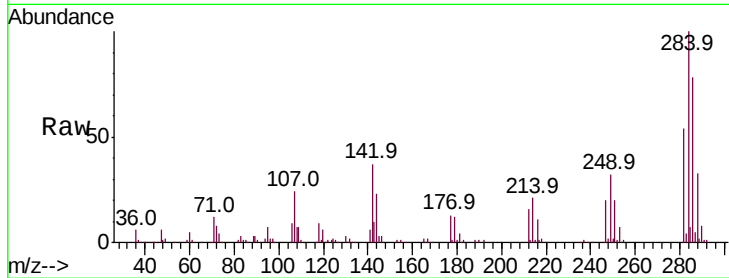
#67
Hexachlorobenzene
Concen: 37.463 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	174938		
142	36.8	34.6	52.0	
249	31.7	24.8	37.2	

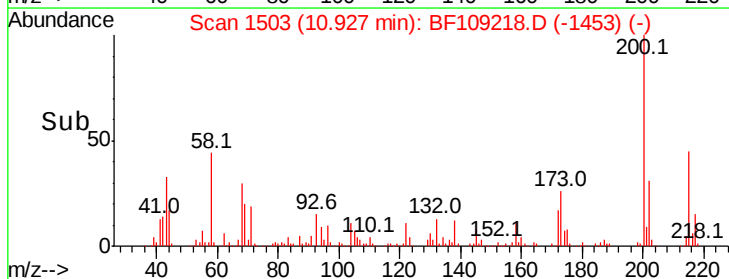
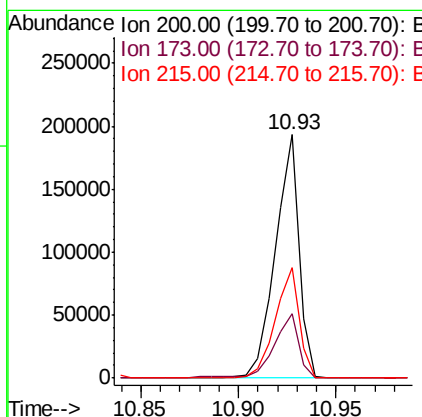
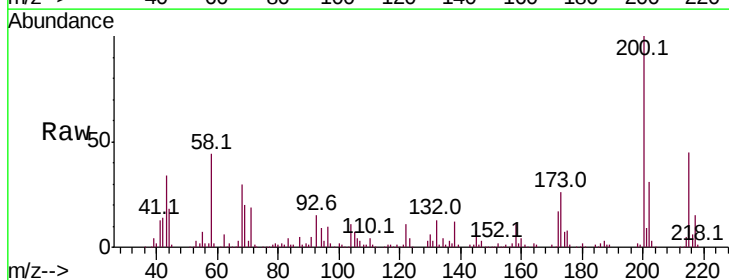
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#68
Atrazine
Concen: 40.477 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	162850		
173	26.3	8.6	48.6	
215	45.5	25.1	65.1	





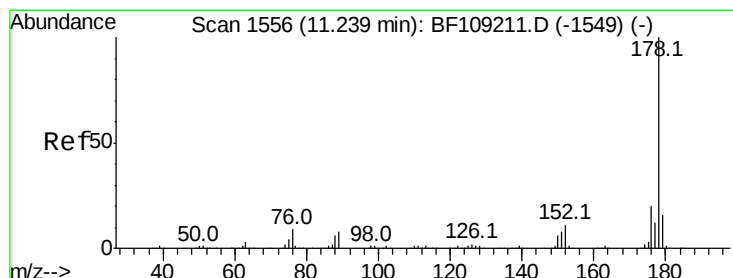
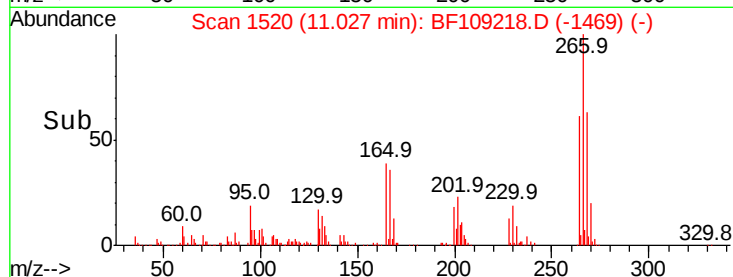
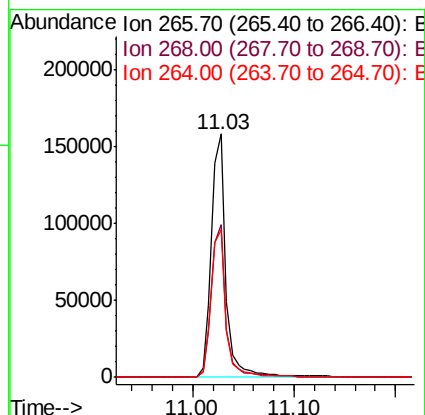
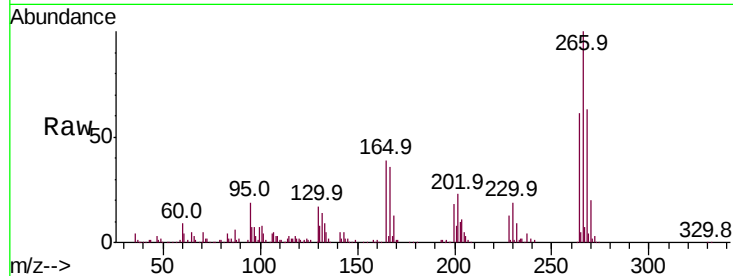
#69
 Pentachlorophenol
 Concen: 57.053 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	159452		
268	63.0	51.1	76.7	
264	60.6	49.5	74.3	

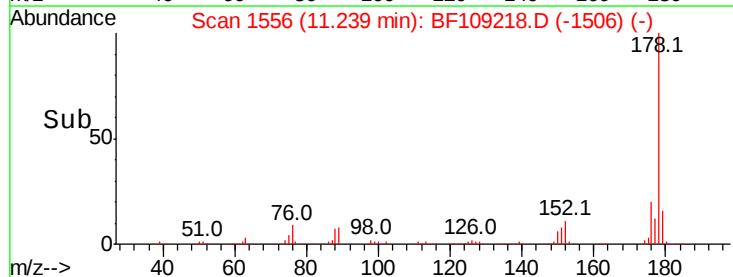
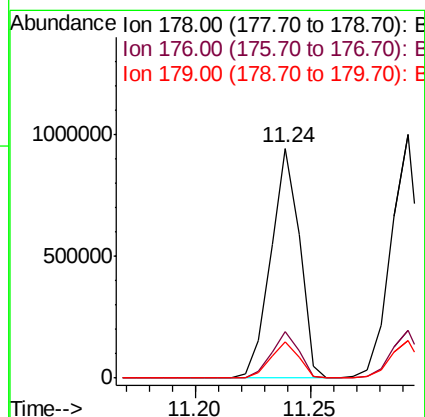
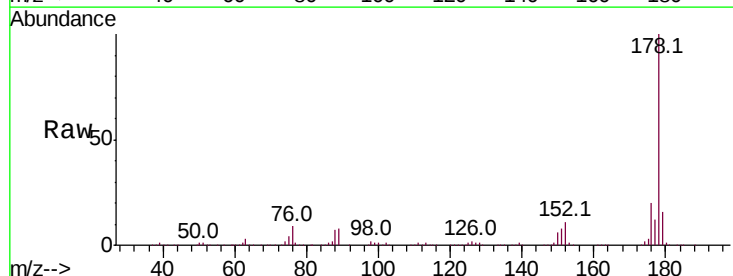
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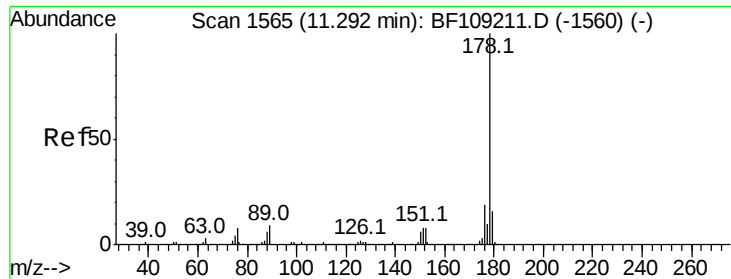
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#70
 Phenanthrene
 Concen: 41.275 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	815964		
176	20.1	15.8	23.8	
179	15.5	13.0	19.6	





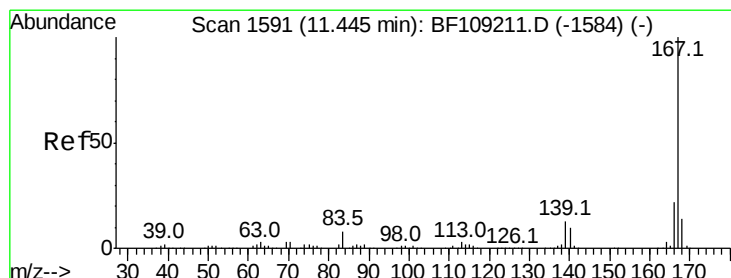
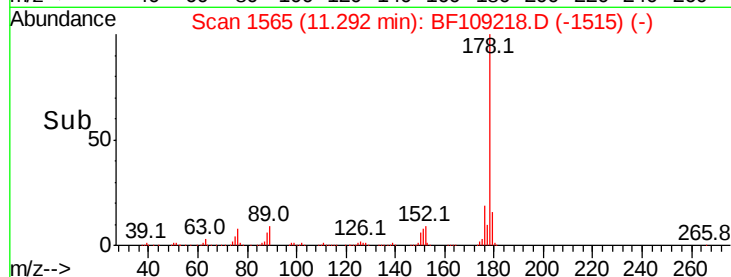
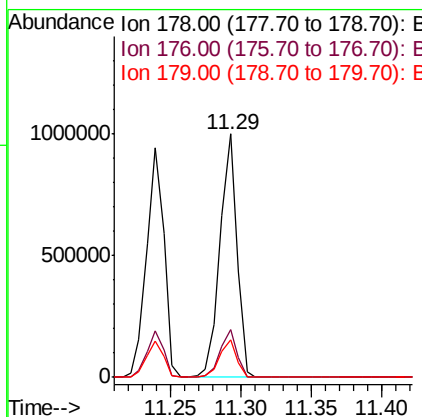
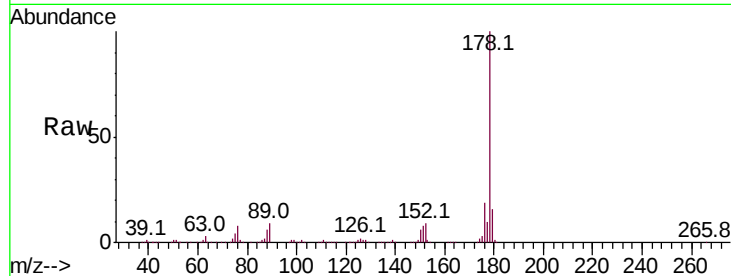
#71
 Anthracene
 Concen: 41.933 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampled :
 PB113087BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	19.0

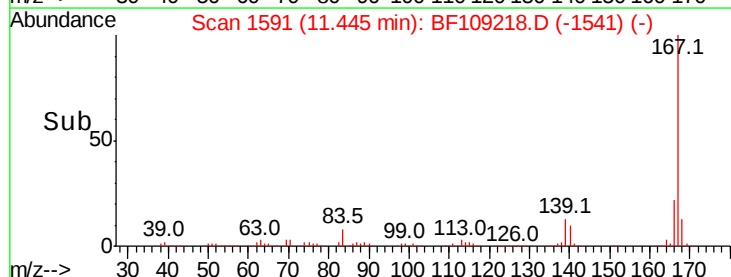
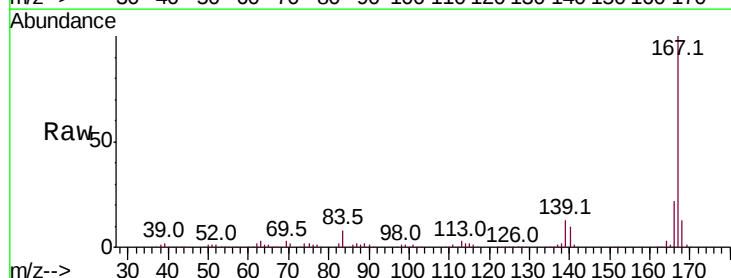
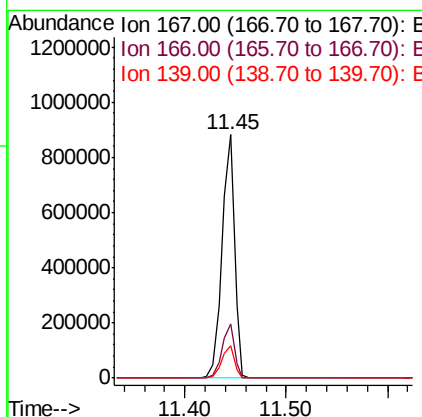
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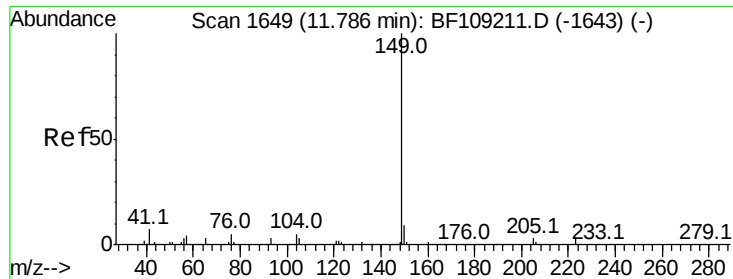
Sohil
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#72
 Carbazole
 Concen: 37.852 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.2	10.9	16.3





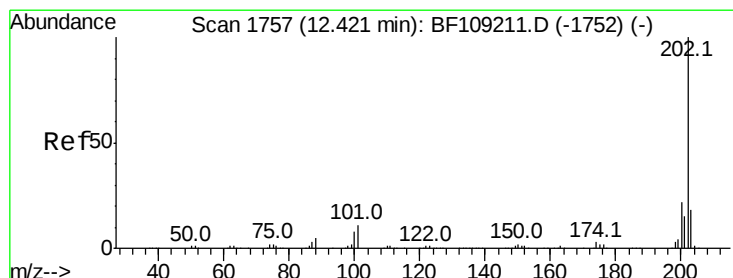
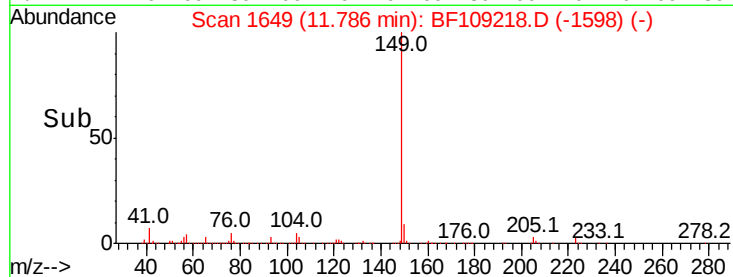
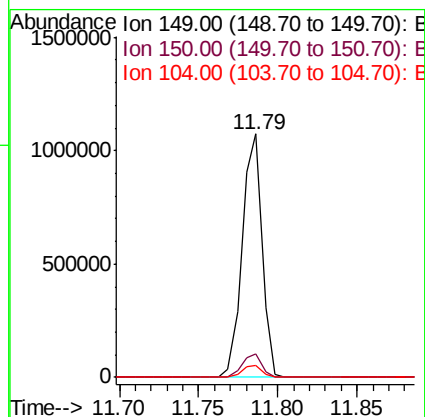
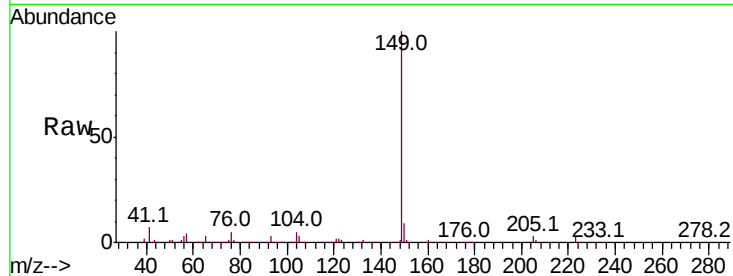
#73
Di-n-butylphthalate
Concen: 40.367 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleID :
PB113087BS

Tot Ion:	149	Resp:	927092
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.1	3.8	5.8

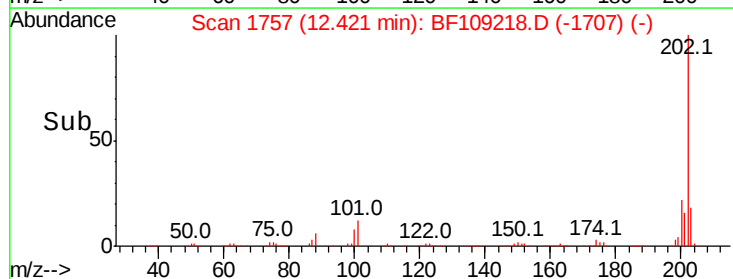
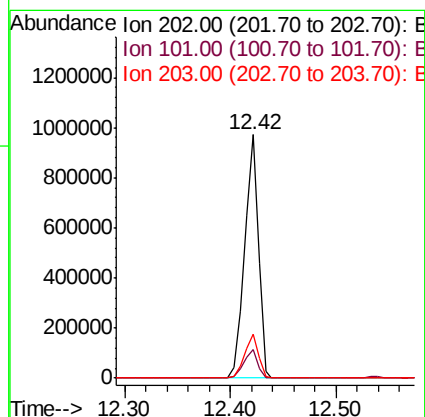
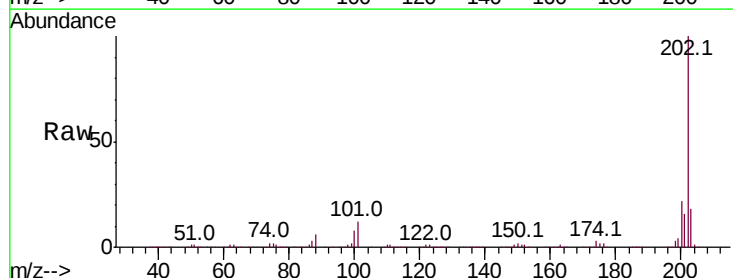
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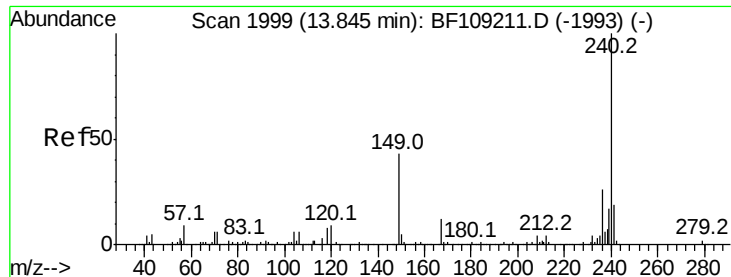
Sohil
9/24/2018 11:38:40 AM



#74
Fluoranthene
Concen: 40.593 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion:	202	Resp:	857605
Ion Ratio	Lower	Upper	
202	100		
101	11.5	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: BF109218.D

Acq: 22 Sep 2018 13:55

Instrument :

BNA_F

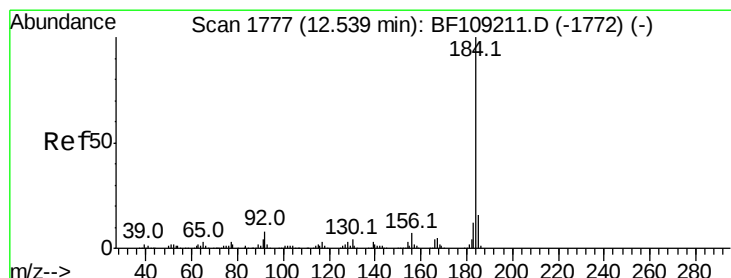
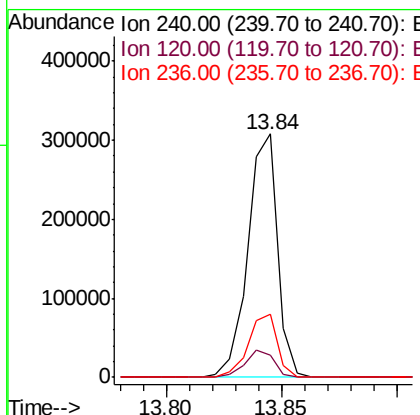
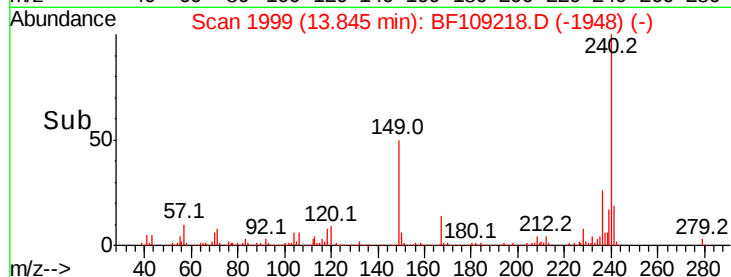
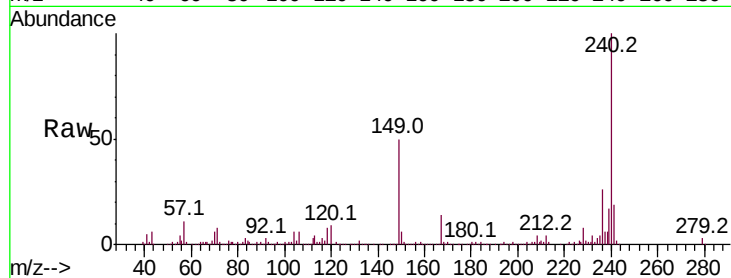
ClientSampleId :

PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	276929		
120	9.0	9.5	14.3#	
236	25.8	20.7	31.1	

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#76

Benzidine

Concen: 44.531 ng

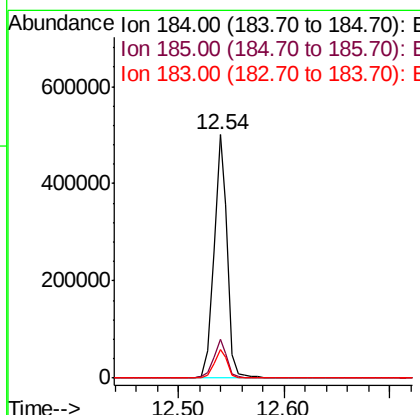
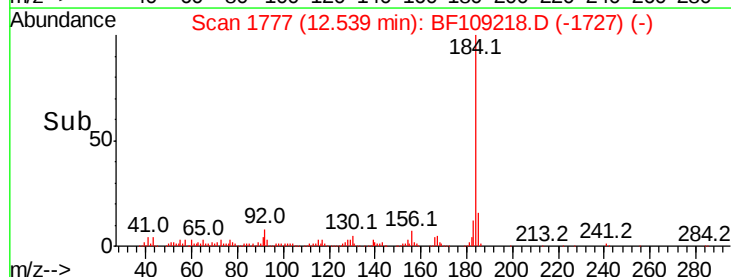
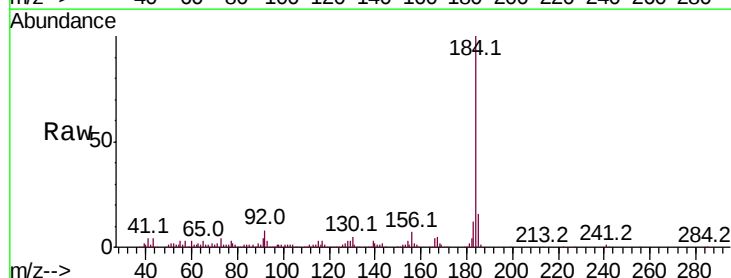
RT: 12.54 min Scan# 1777

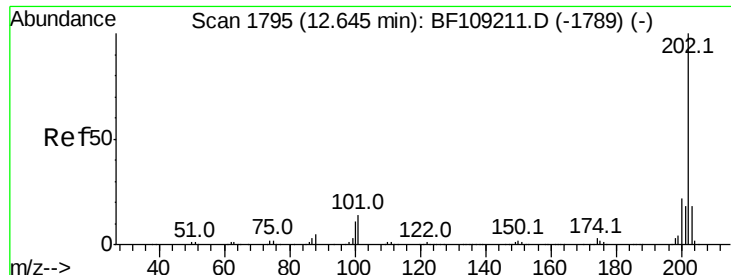
Delta R.T. -0.01 min

Lab File: BF109218.D

Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	444620		
185	15.8	12.6	18.8	
183	11.8	9.3	13.9	





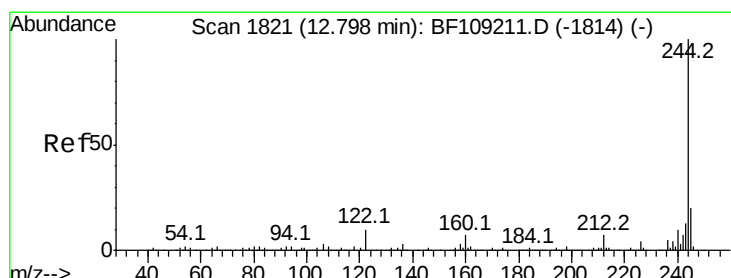
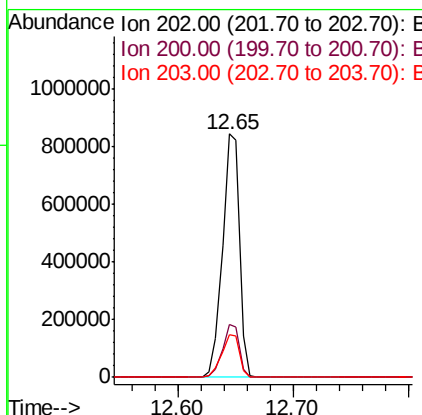
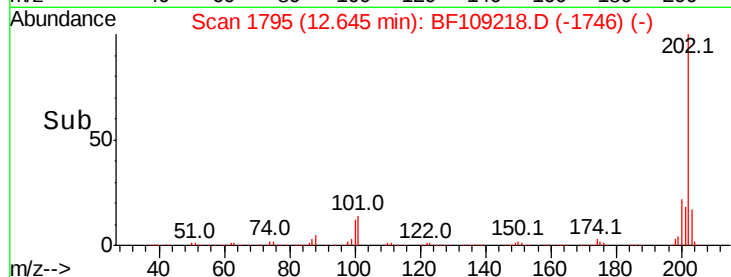
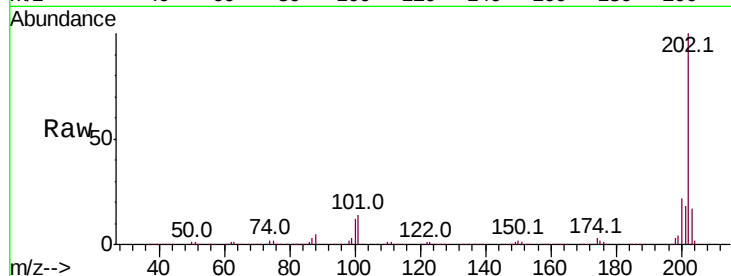
#77
Pvrene
Concen: 43.231 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	858006		
200	21.7		17.4	26.2
203	17.4		14.3	21.5

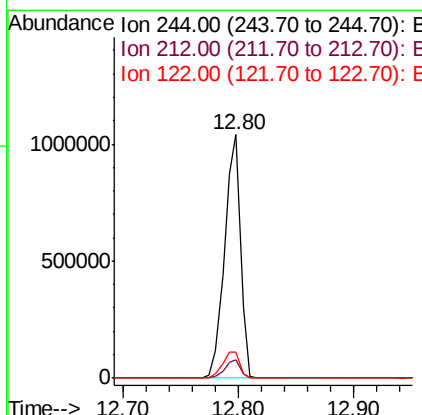
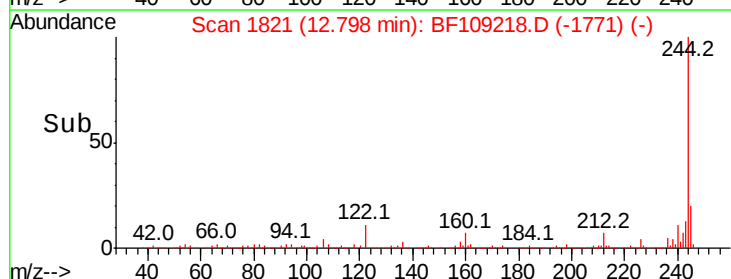
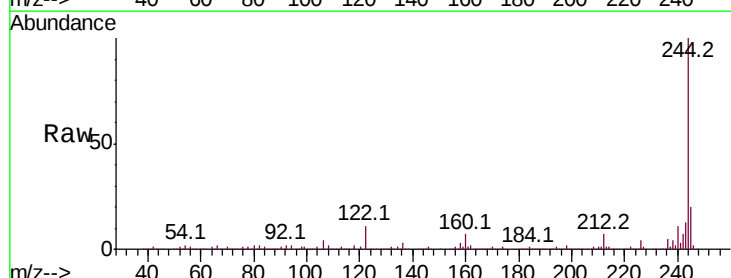
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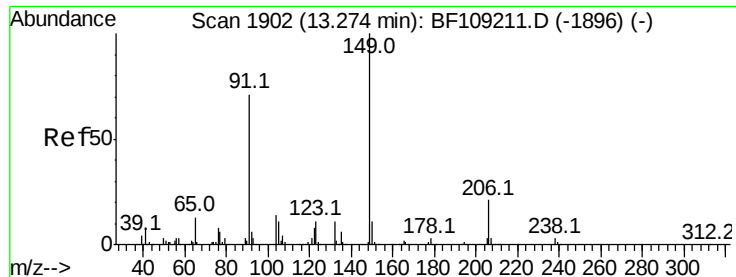
Sohil
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#78
Terphenyl-d14
Concen: 87.485 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	987182		
212	7.4		5.4	8.0
122	10.8		11.0	16.4#





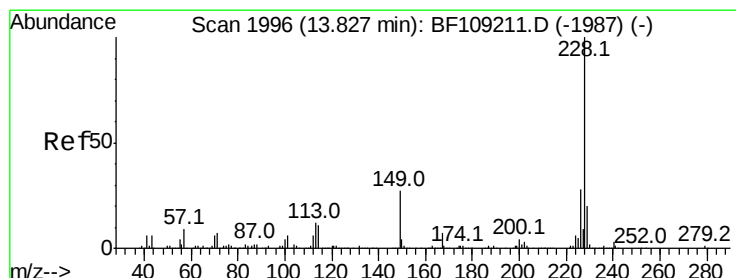
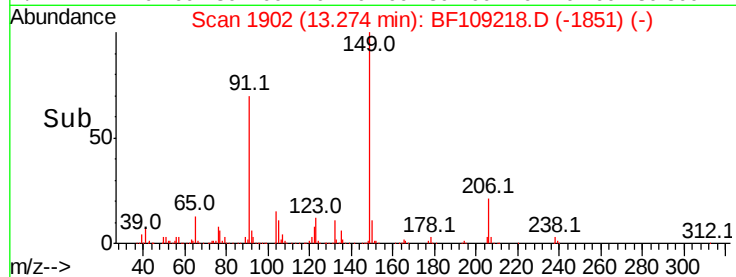
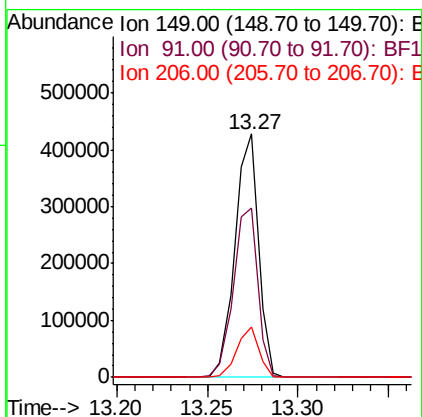
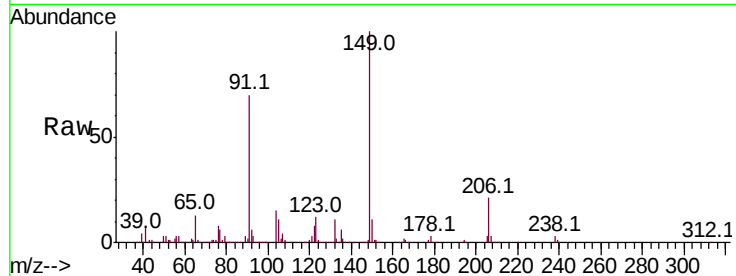
#79
Butylbenzylphthalate
Concen: 45.919 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	387727		
91	69.8	56.8	85.2	
206	20.7	14.1	21.1	

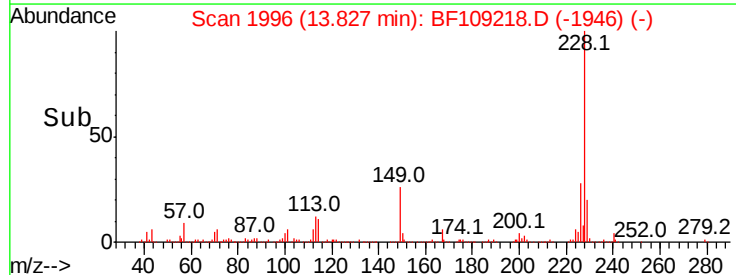
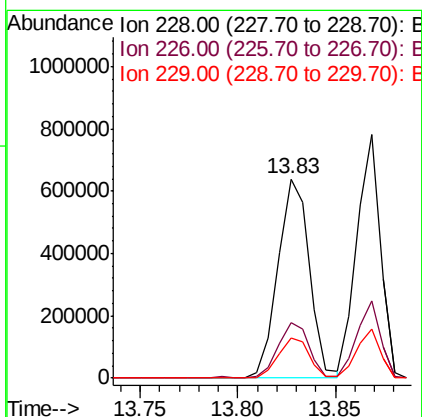
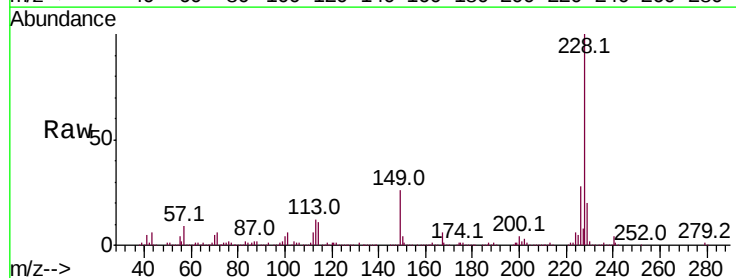
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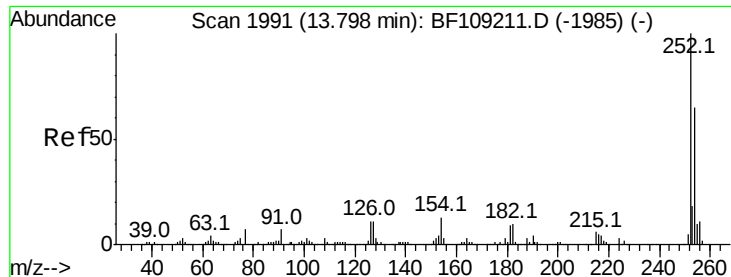
Sohil
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#80
Benzo(a)anthracene
Concen: 42.796 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	713849		
226	28.0	22.6	33.8	
229	20.5	15.8	23.6	





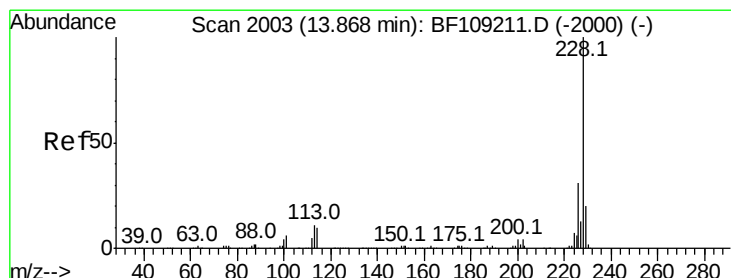
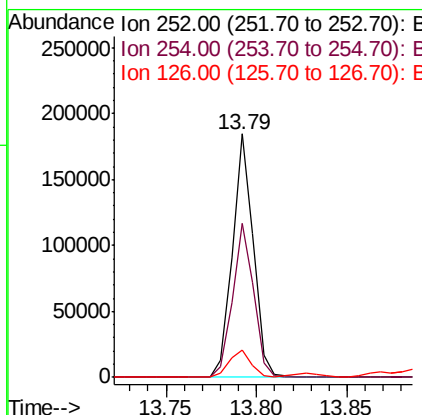
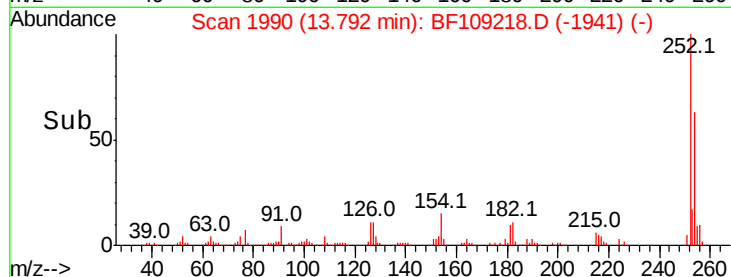
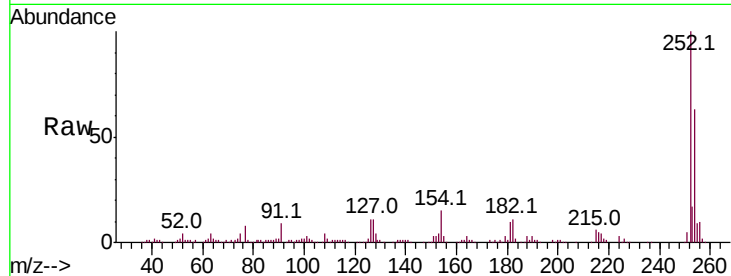
#81
 3,3'-Dichlorobenzidine
 Concen: 23.378 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	148197		
254	63.1	50.4	75.6	
126	11.3	11.3	16.9	

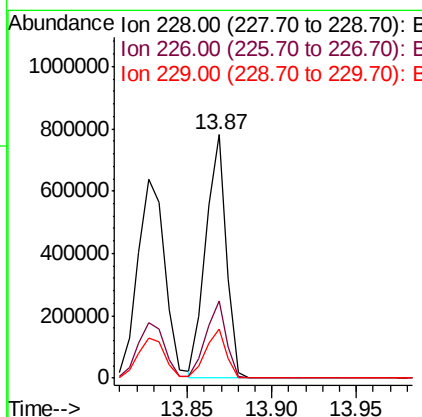
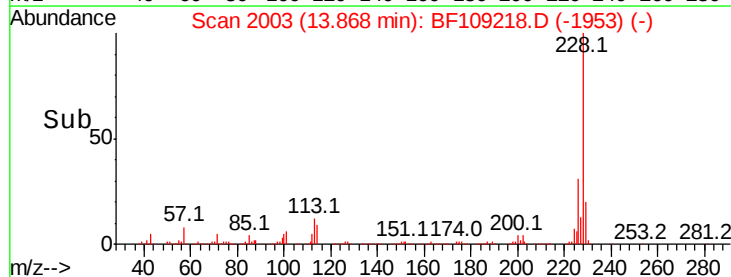
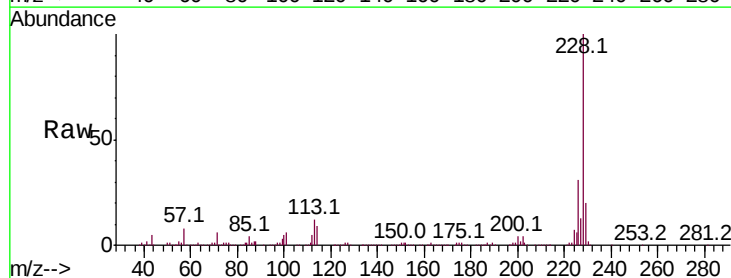
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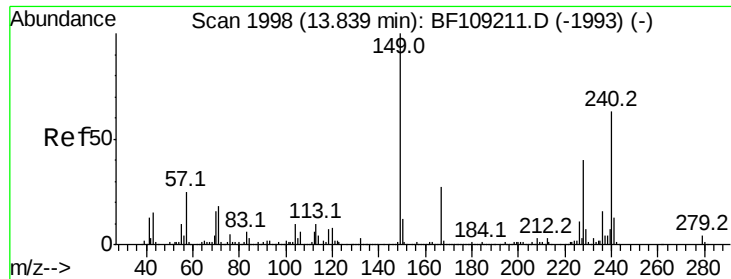
Sohil
 9/24/2018 11:38:40 AM



#82
 Chrysene
 Concen: 40.037 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	661913		
226	31.5	25.0	37.6	
229	20.1	16.2	24.4	





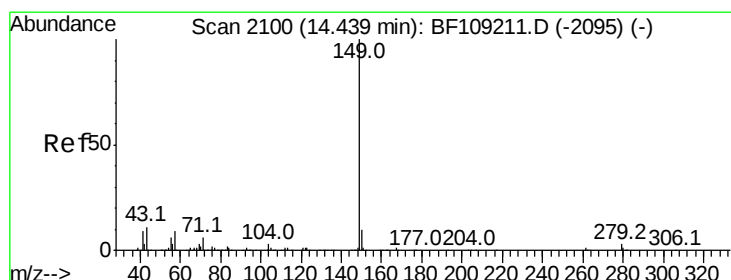
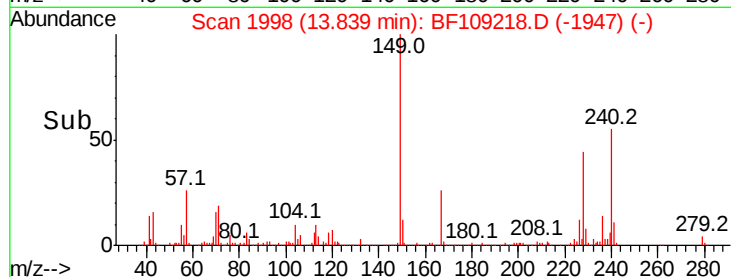
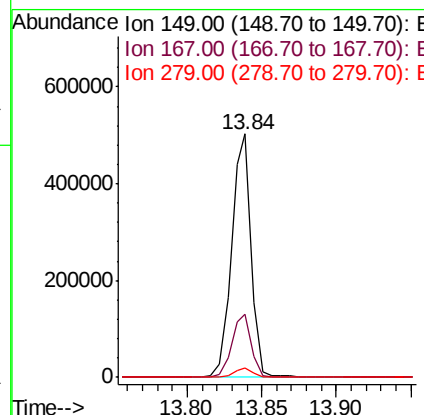
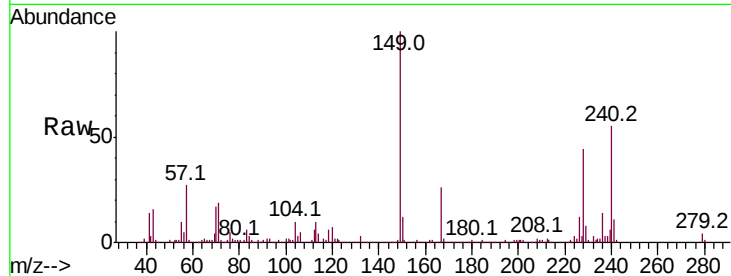
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.561 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	463882		
167	26.2	21.3	31.9	
279	3.9	3.0	4.4	

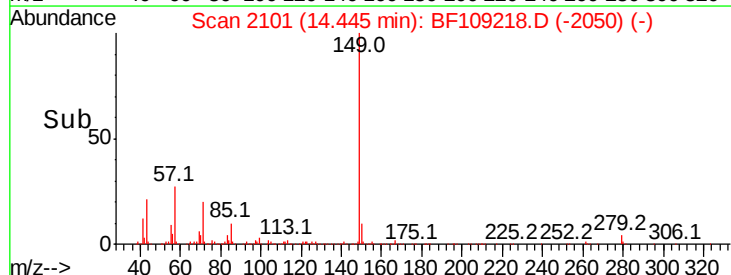
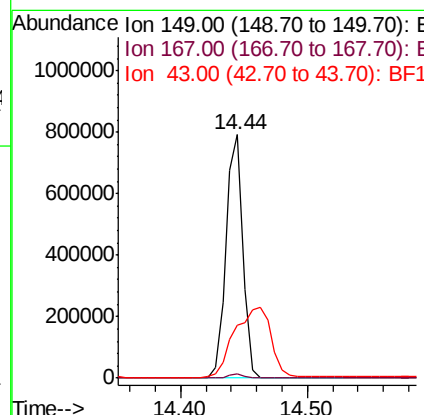
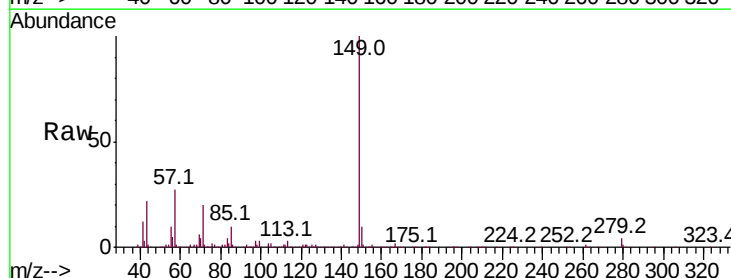
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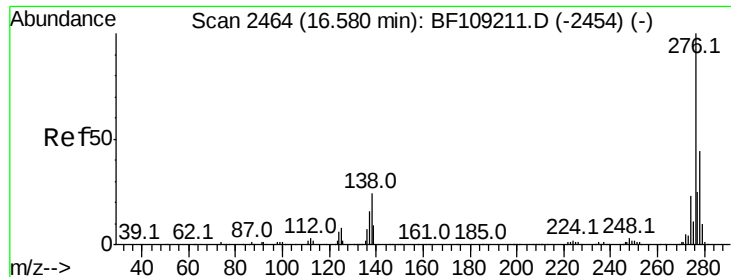
Sohil
 9/24/2018 11:38:40 AM



#84
 Di-n-octyl phthalate
 Concen: 40.288 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	733549		
167	1.7	1.2	1.8	
43	62.5	8.4	12.6	





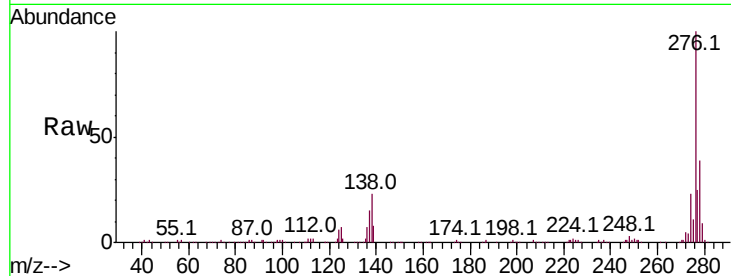
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.809 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

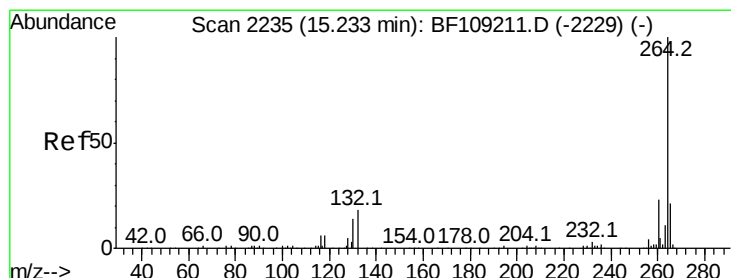
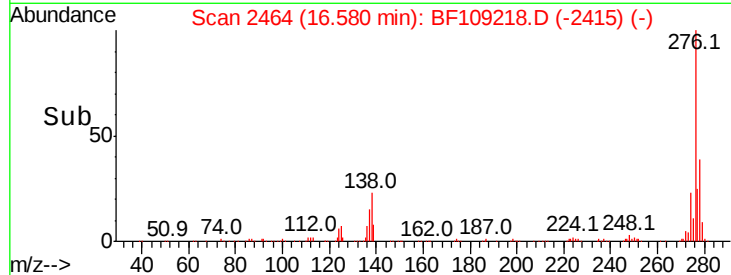
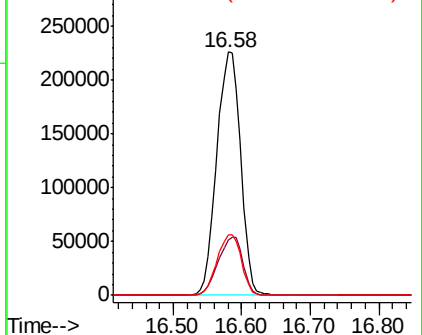
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	25.2	20.1	30.1

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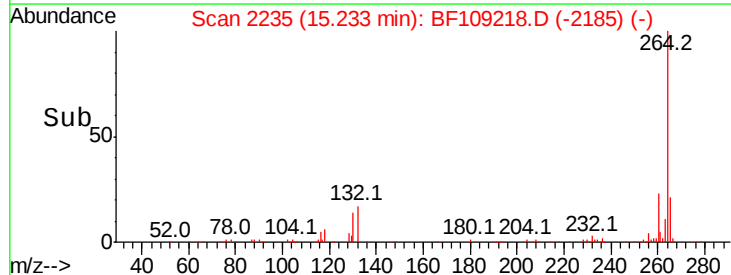
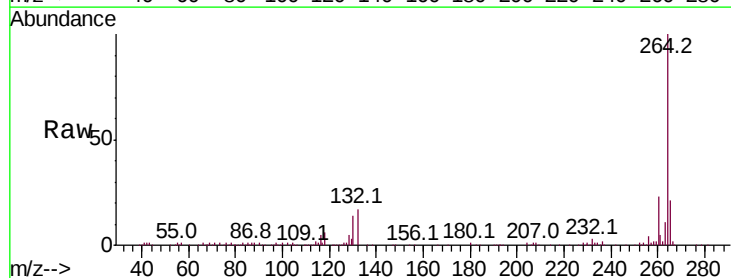
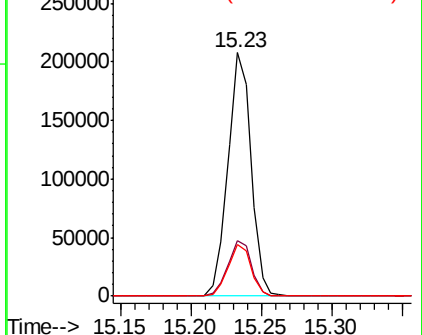
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

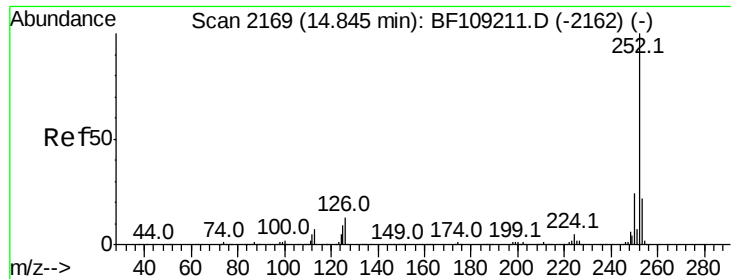


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	17.5	26.3

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





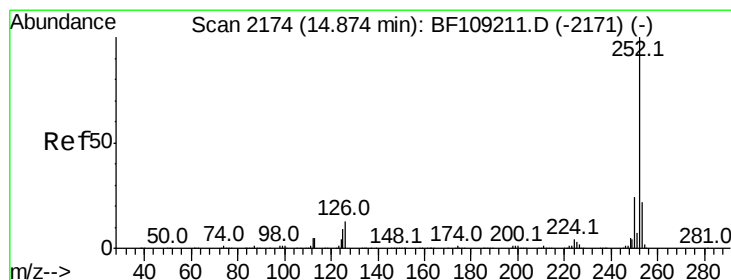
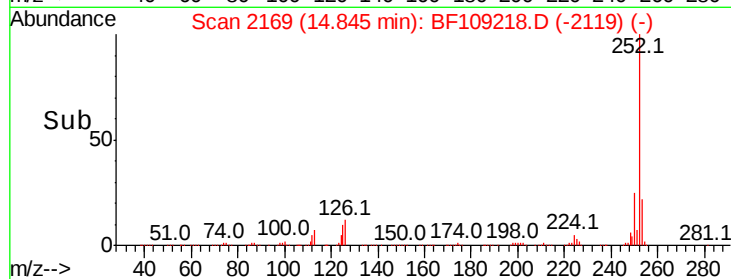
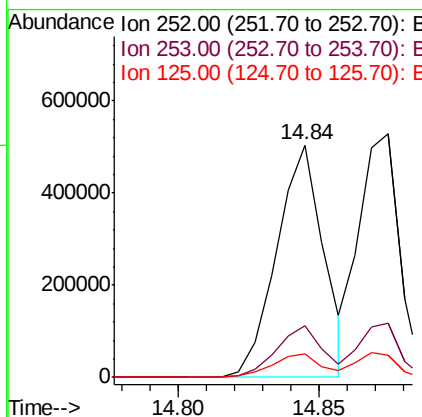
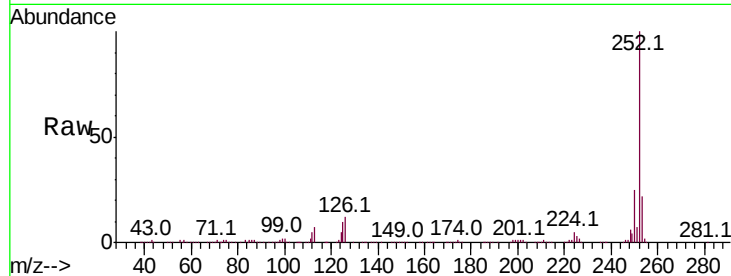
#87
Benzo(b)fluoranthene
Concen: 44.703 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.8	9.0	13.6

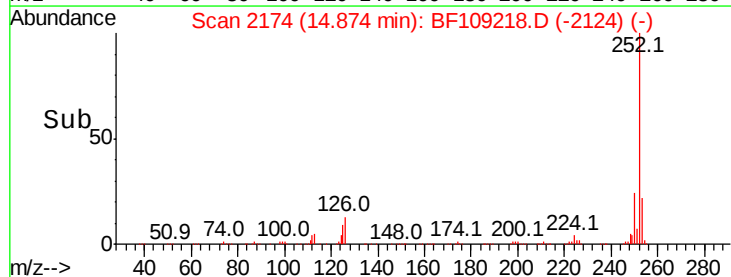
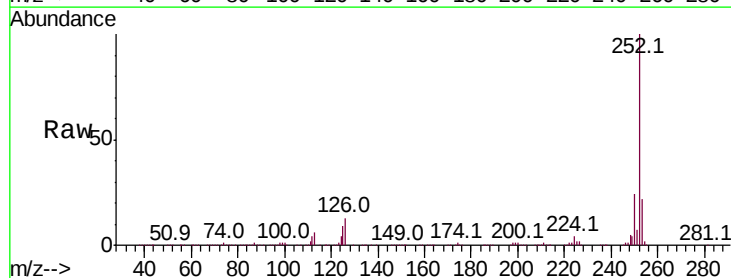
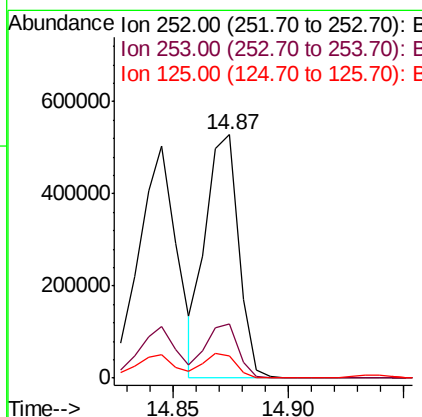
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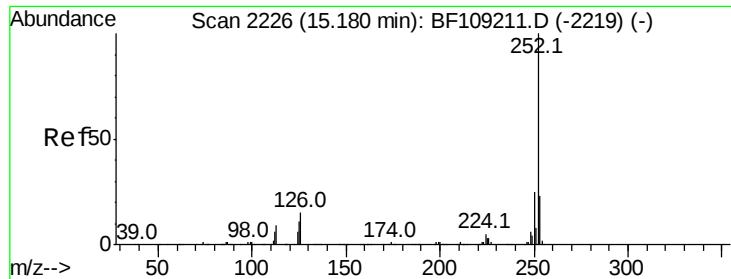
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.343 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.1	10.2	15.2#





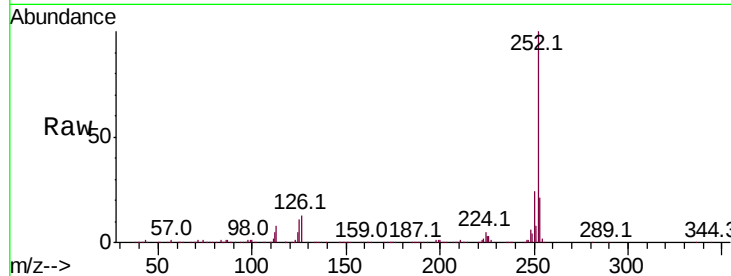
#89
Benzo(a)pyrene
Concen: 43.460 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Instrument :
BNA_F
ClientSampleId :
PB113087BS

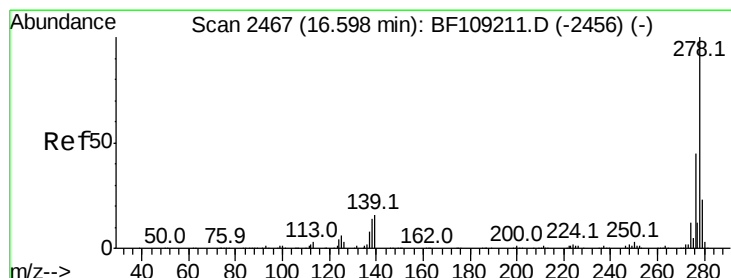
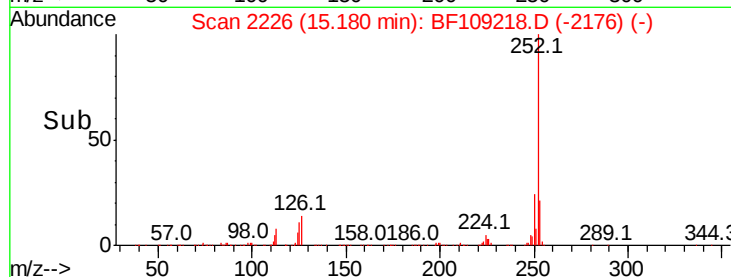
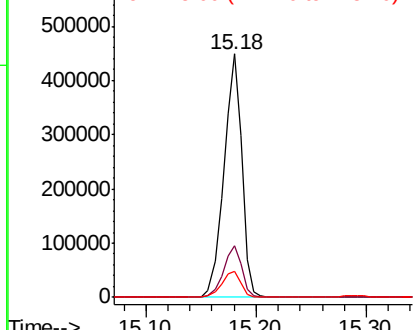
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	10.7	9.8	14.6

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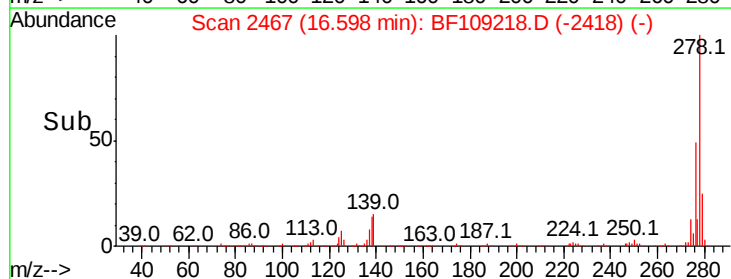
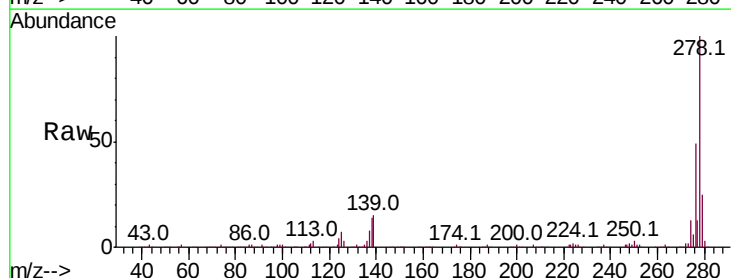
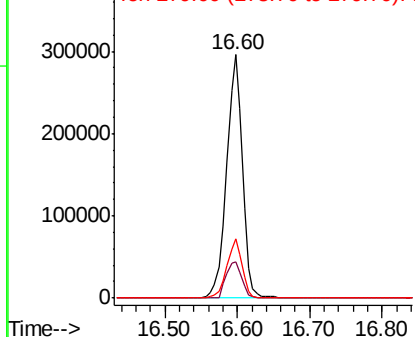
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

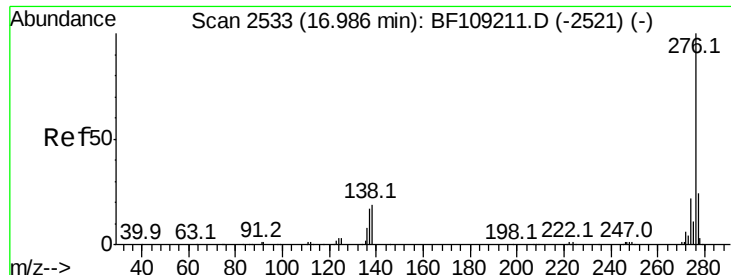


#90
Dibenzo(a,h)anthracene
Concen: 46.798 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF109218.D
Acq: 22 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9#
279	24.5	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: 50.341 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF109218.D
 Acq: 22 Sep 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113087BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	20.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/24/2018 11:38:40 AM

