

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109418.D
 Acq On : 28 Sep 2018 6:37
 Operator : JU/SJ
 Sample : PB113249BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Manual Integrations
 APPROVED

Sohil
 9/28/2018 2:40:36 PM

Quant Time: Sep 28 07:32:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	112677	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	420284	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	194625	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	304506	20.00	ng	0.00
75) Chrysene-d12	13.84	240	216019	20.00	ng	0.00
86) Perylene-d12	15.24	264	188199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	643974	94.13	ng	0.01
7) Phenol-d6	6.35	99	825143	94.52	ng	0.00
23) Nitrobenzene-d5	7.27	82	763767	107.28	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	180386	94.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1348936	104.53	ng	0.00
78) Terphenyl-d14	12.80	244	984616	111.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	115707	36.725	ng	92
3) Pyridine	3.15	79	325552	40.147	ng	93
4) n-Nitrosodimethylamine	3.09	42	155294	45.000	ng	# 98
6) Aniline	6.37	93	363262	32.526	ng	# 33
8) 2-Chlorophenol	6.50	128	334625	43.987	ng	94
9) Benzaldehyde	6.25	77	199039	35.493	ng	99
10) Phenol	6.37	94	408306	41.302	ng	# 64
11) bis(2-Chloroethyl)ether	6.45	93	322603	41.704	ng	97
12) 1,3-Dichlorobenzene	6.65	146	366724	41.868	ng	98
13) 1,4-Dichlorobenzene	6.73	146	367487	41.645	ng	98
14) 1,2-Dichlorobenzene	6.88	146	340525	41.833	ng	98
15) Benzyl Alcohol	6.85	79	293370	43.905	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	454586	41.430	ng	93
17) 2-Methylphenol	6.97	107	273445	44.423	ng	95
18) Hexachloroethane	7.22	117	124322	39.990	ng	94
19) n-Nitroso-di-n-propylamine	7.13	70	241222	42.172	ng	99
20) 3+4-Methylphenols	7.13	107	327915	44.124	ng	# 85
22) Acetophenone	7.12	105	463491	47.700	ng	# 96
24) Nitrobenzene	7.29	77	356054	47.034	ng	99
25) Isophorone	7.53	82	664776	51.852	ng	98
26) 2-Nitrophenol	7.61	139	165098	55.148	ng	95
27) 2,4-Dimethylphenol	7.65	122	306353	54.840	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	417001	49.135	ng	99
29) 2,4-Dichlorophenol	7.85	162	286835	48.870	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	295149	45.003	ng	99
31) Naphthalene	8.01	128	956434	48.699	ng	100
32) Benzoic acid	7.77	122	139142m	38.260	ng	
33) 4-Chloroaniline	8.06	127	226350	26.382	ng	99
34) Hexachlorobutadiene	8.13	225	178031	45.029	ng	98
35) Caprolactam	8.44	113	91187m	48.662	ng	
36) 4-Chloro-3-methylphenol	8.55	107	298826	48.384	ng	99
37) 2-Methylnaphthalene	8.70	142	647353	51.130	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	298899	48.256	ng	98
40) Hexachlorocyclopentadiene	8.86	237	91165	33.744	ng	97

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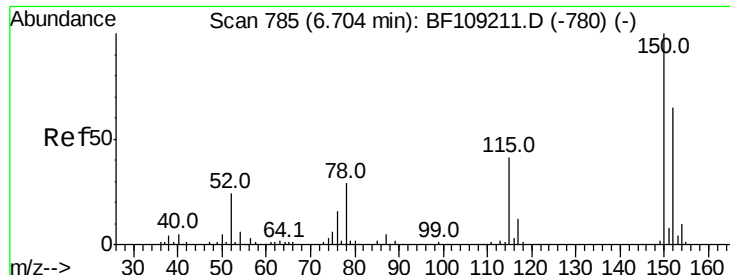
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	195217	49.107	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	201441	47.979	nq	94
45) 1,1'-Biphenyl	9.17	154	763774	48.166	nq	97
46) 2-Chloronaphthalene	9.19	162	585536	46.221	nq	98
47) 2-Nitroaniline	9.29	65	186373	51.891	nq	98
48) Acenaphthylene	9.60	152	925315	48.418	nq	99
49) Dimethylphthalate	9.47	163	717626	50.695	nq	99
50) 2,6-Dinitrotoluene	9.53	165	147573	52.637	nq	92
51) Acenaphthene	9.77	154	523866	45.339	nq	99
52) 3-Nitroaniline	9.69	138	116245	35.803	nq	97
53) 2,4-Dinitrophenol	9.80	184	30878	36.260	nq #	14
54) Dibenzofuran	9.95	168	775854	45.151	nq	97
55) 4-Nitrophenol	9.86	139	200019	81.780	nq	90
56) 2,4-Dinitrotoluene	9.93	165	183455	51.716	nq #	96
57) Fluorene	10.29	166	569286	46.433	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	152722	45.941	nq	90
59) Diethylphthalate	10.17	149	686727	47.906	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	289008	45.132	nq	93
61) 4-Nitroaniline	10.30	138	125000	39.478	nq	97
62) Azobenzene	10.44	77	649570	43.615	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	25622	24.687	nq	81
65) n-Nitrosodiphenylamine	10.40	169	551772	54.844	nq	94
66) 4-Bromophenyl-phenylether	10.77	248	179541	53.096	nq #	85
67) Hexachlorobenzene	10.84	284	180356	50.221	nq #	87
68) Atrazine	10.93	200	177610	57.401	nq	97
69) Pentachlorophenol	11.03	266	158528	73.754	nq	97
70) Phenanthrene	11.24	178	748186	49.210	nq	99
71) Anthracene	11.29	178	767099	49.744	nq	100
72) Carbazole	11.45	167	659616	42.991	nq	100
73) Di-n-butylphthalate	11.79	149	923286	52.272	nq	99
74) Fluoranthene	12.42	202	701019	43.145	nq	97
76) Benzidine	12.55	184	504803	64.814	nq	99
77) Pyrene	12.65	202	690709	44.614	nq	100
79) Butylbenzylphthalate	13.27	149	320415	48.647	nq	96
80) Benzo(a)anthracene	13.83	228	631333	48.521	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	246979	49.946	nq #	97
82) Chrysene	13.87	228	627265	48.639	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	407958	49.112	nq	99
84) Di-n-octyl phthalate	14.44	149	784377	55.226	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	434469	41.563	nq #	93
87) Benzo(b)fluoranthene	14.85	252	580053	56.090	nq	99
88) Benzo(k)fluoranthene	14.87	252	503665	51.325	nq	98
89) Benzo(a)pyrene	15.19	252	479269	51.432	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	365004	47.745	nq	97
91) Benzo(g,h,i)perylene	17.00	276	351200	46.743	nq #	93

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



#1

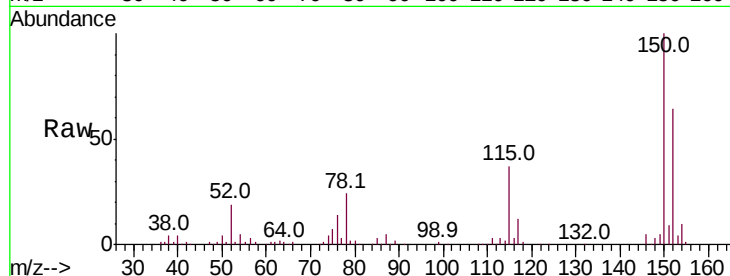
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	57.8	50.1	75.1

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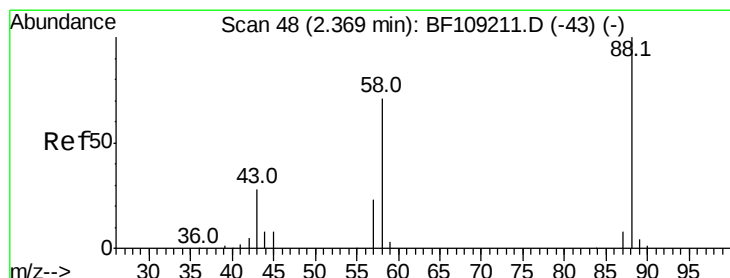
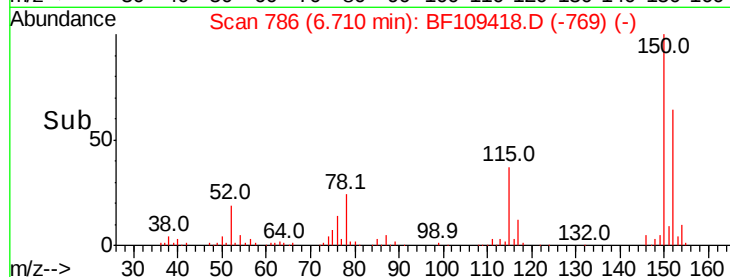
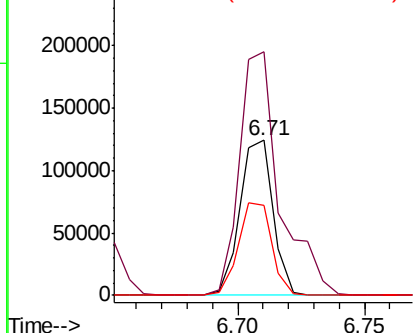


Abundance

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: 36.725 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.08 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

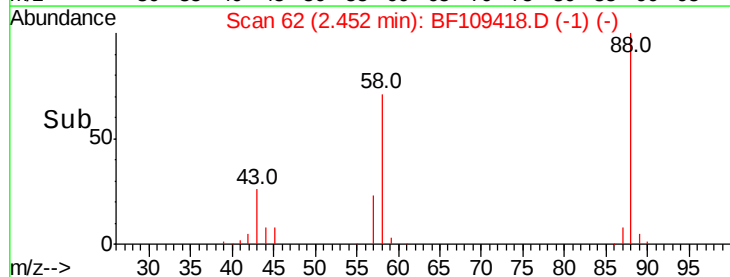
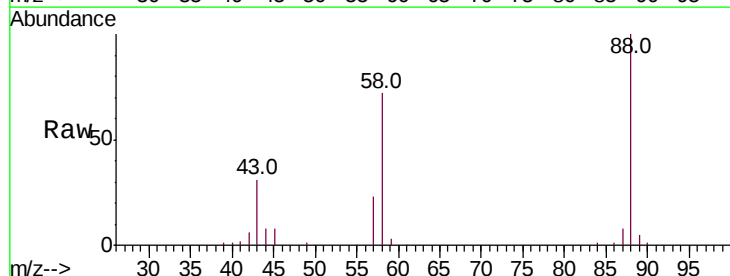
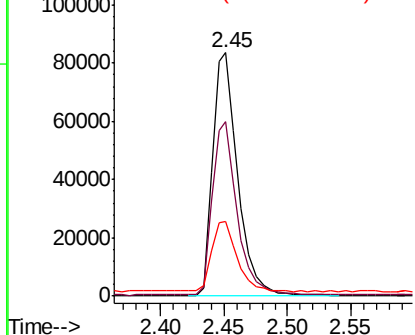
Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	62.6	93.8
43	29.5	24.6	37.0

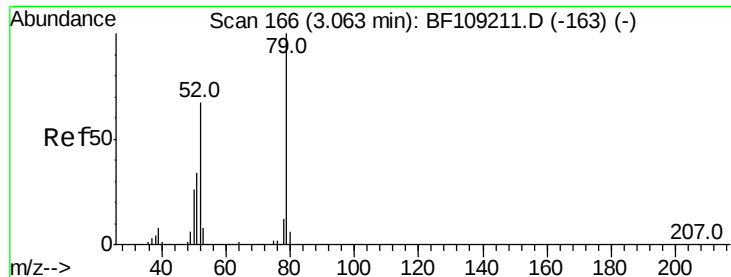
Abundance

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: 40.147 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

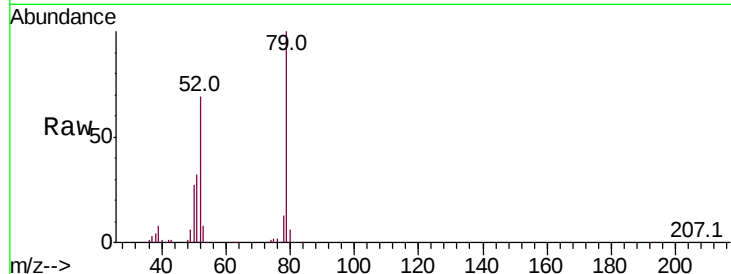
ClientSampleId :

PB113249BS

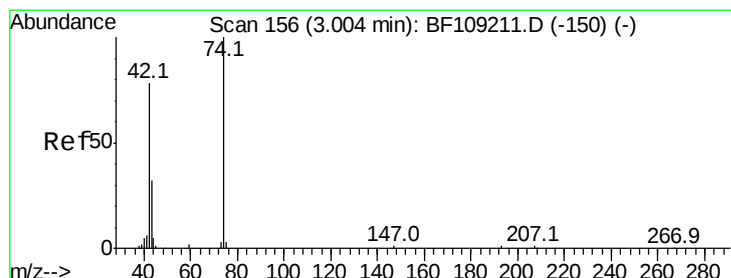
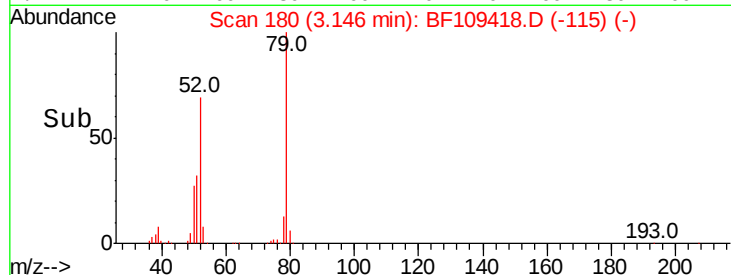
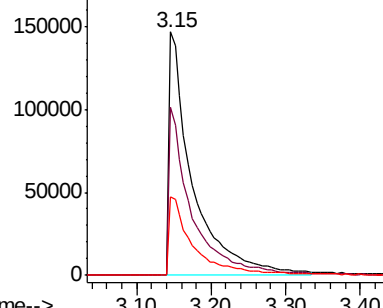
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	59.8	89.6
51	32.5	29.8	44.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.000 ng

RT: 3.09 min Scan# 170

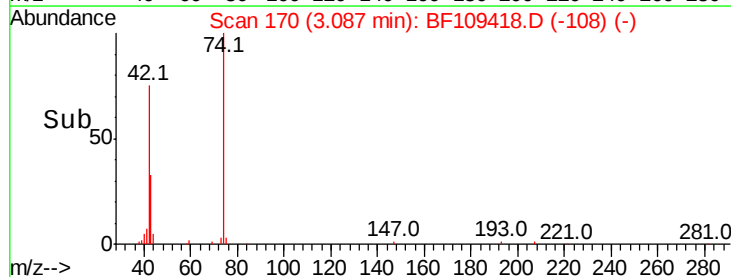
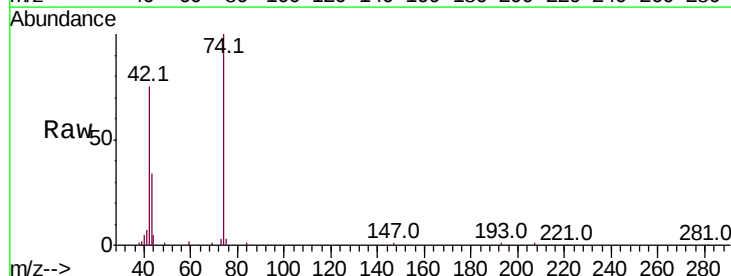
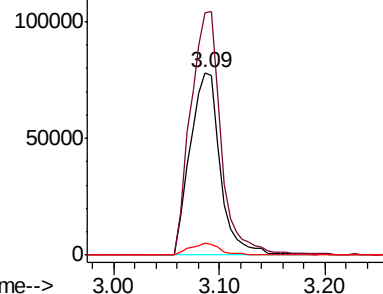
Delta R.T. 0.06 min

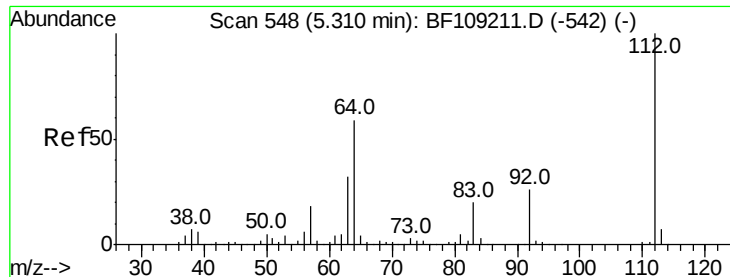
Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.0	104.9	157.3
44	6.3	6.9	10.3#

Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 94.134 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

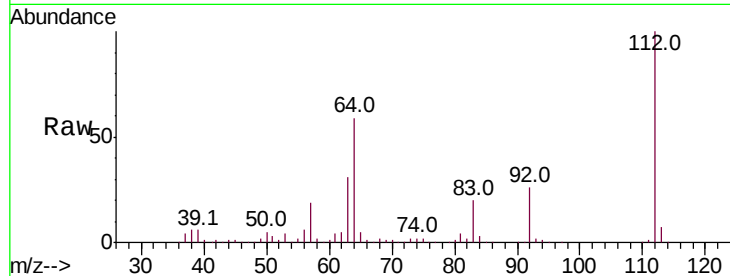
ClientSampled :

PB113249BS

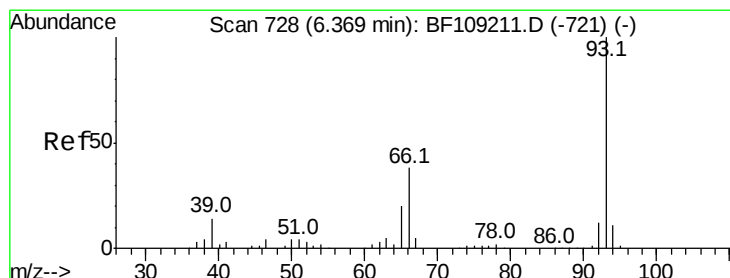
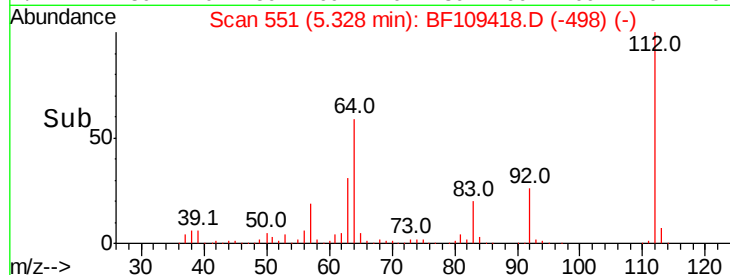
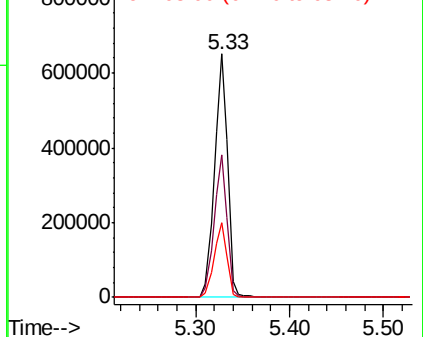
Tot Ion:	112	Resp:	643974
Ion Ratio	Lower	Upper	
112	100		
64	58.7	47.9	71.9
63	30.8	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.526 ng

RT: 6.37 min Scan# 728

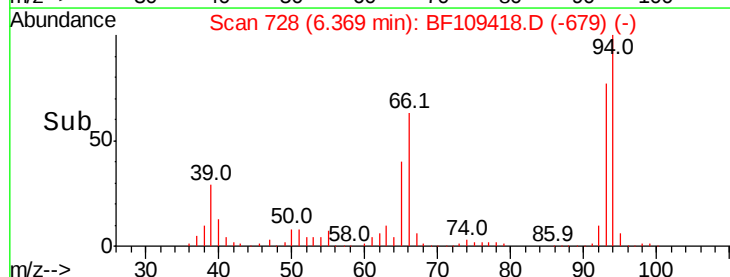
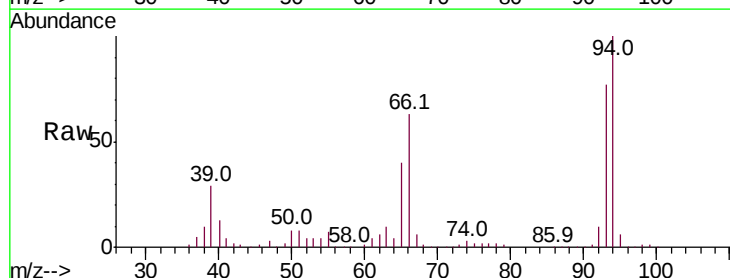
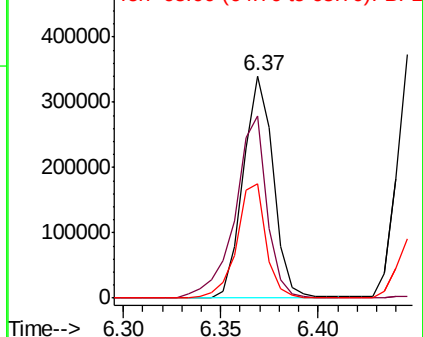
Delta R.T. -0.01 min

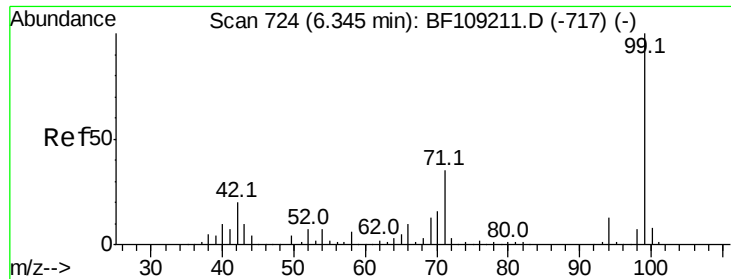
Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion:	93	Resp:	363262
Ion Ratio	Lower	Upper	
93	100		
66	82.0	32.2	48.2#
65	51.7	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





#7

Phenol-d6

Concen: 94.525 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

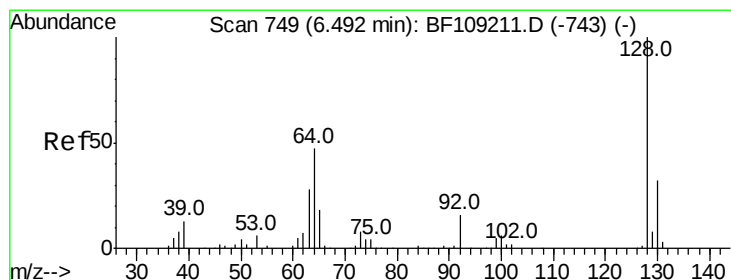
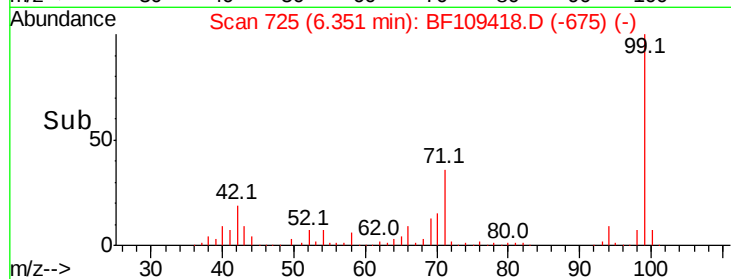
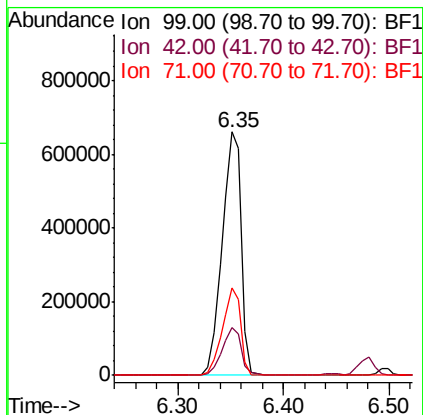
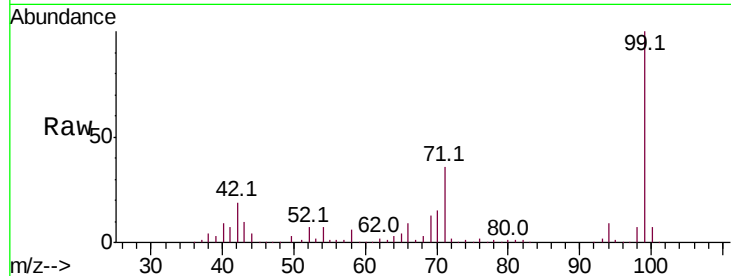
ClientSampleId :

PB113249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		825143		
42	19.4	14.5	21.7		
71	35.7	25.4	38.0		

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#8

2-Chlorophenol

Concen: 43.987 ng

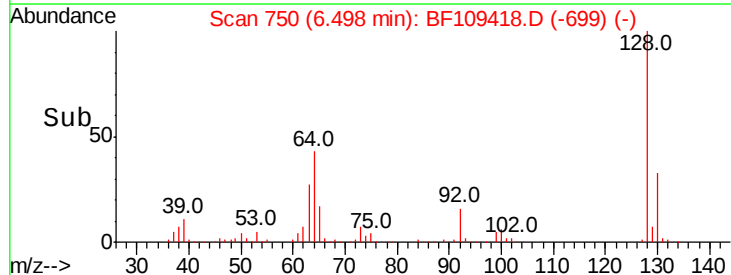
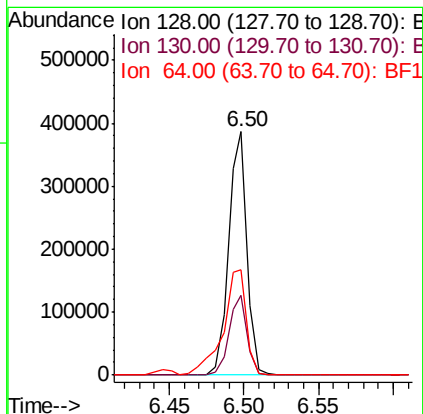
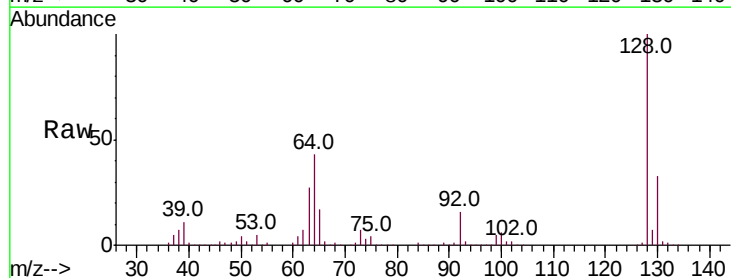
RT: 6.50 min Scan# 750

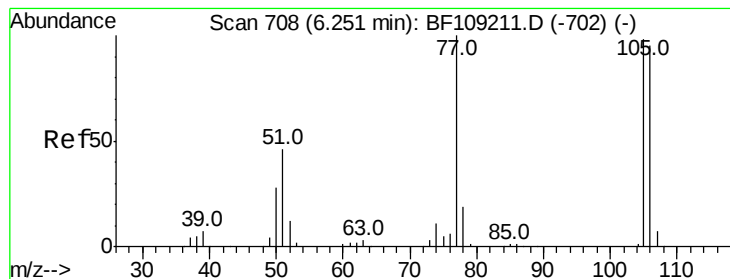
Delta R.T. 0.00 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		334625		
130	32.8	13.0	53.0		
64	43.2	29.4	69.4		





#9

Benzaldehyde

Concen: 35.493 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

ClientSampleId :

PB113249BS

Tot Ion: 77 Resp: 199039

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

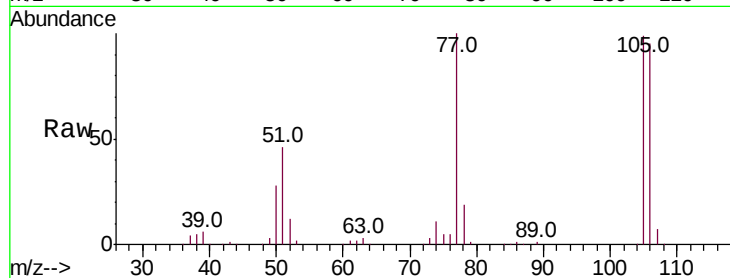
106 95.0 74.5 114.5

Manual Integrations

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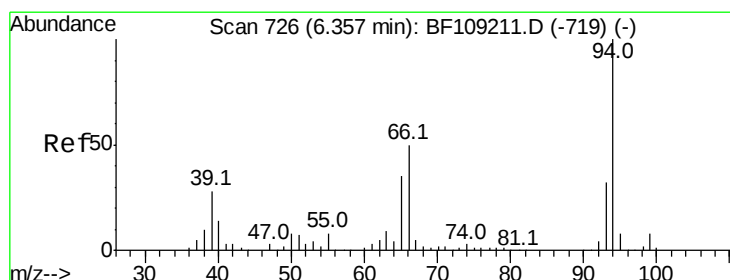
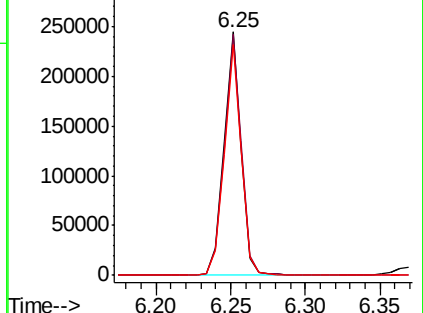
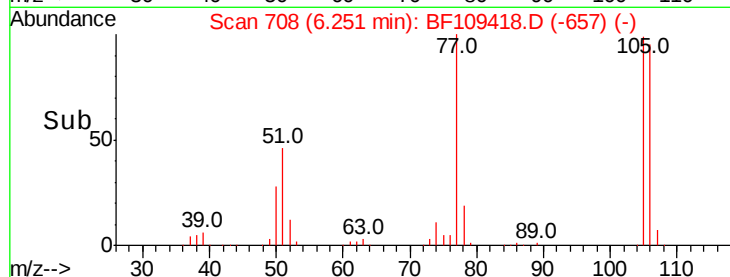
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.302 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

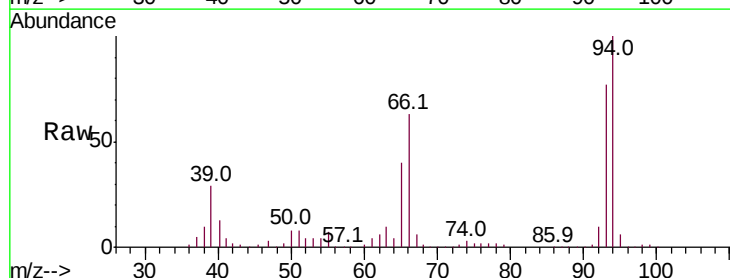
Tgt Ion: 94 Resp: 408306

Ion Ratio Lower Upper

94 100

65 40.0 7.9 47.9

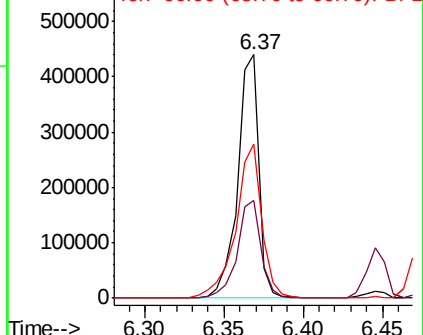
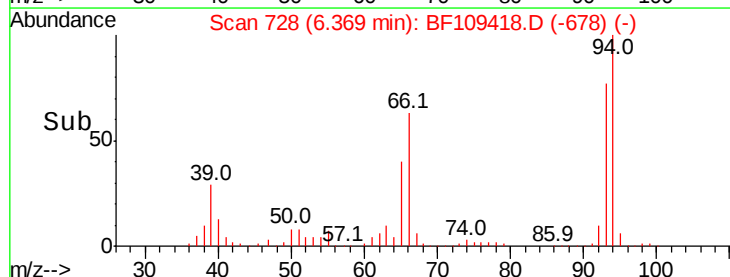
66 63.5 16.2 56.2#

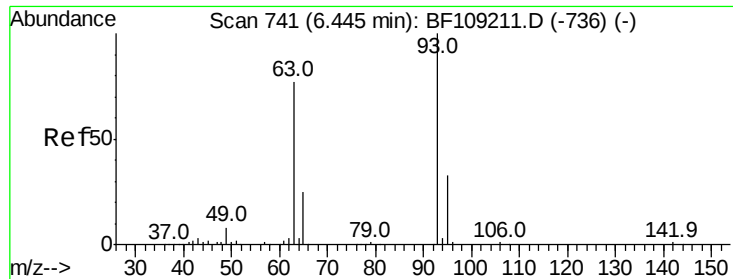


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.704 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

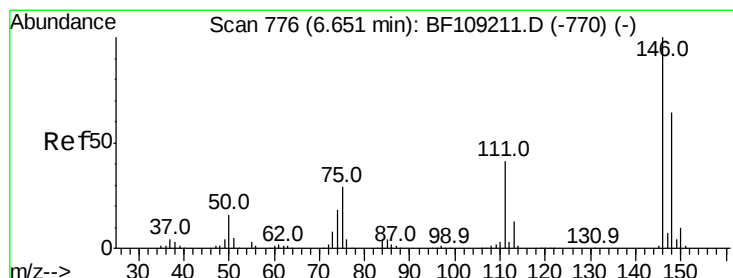
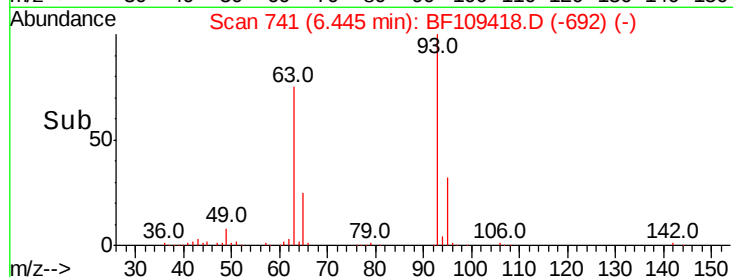
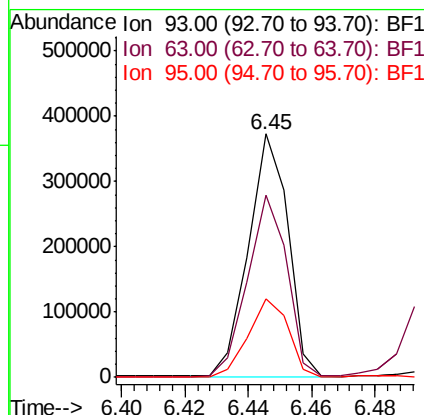
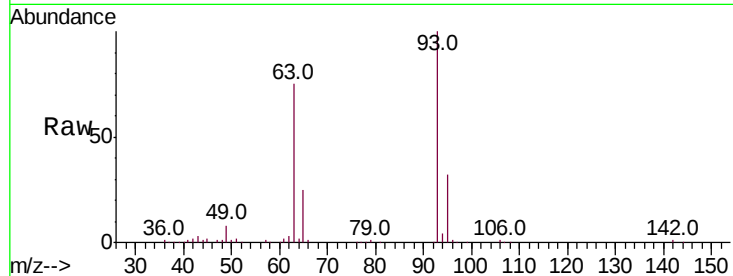
ClientSampleId :

PB113249BS

Tot Ion:	93	Resp:	322603
Ion Ratio	Lower	Upper	
93	100		
63	74.9	58.6	98.6
95	32.0	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 41.868 ng

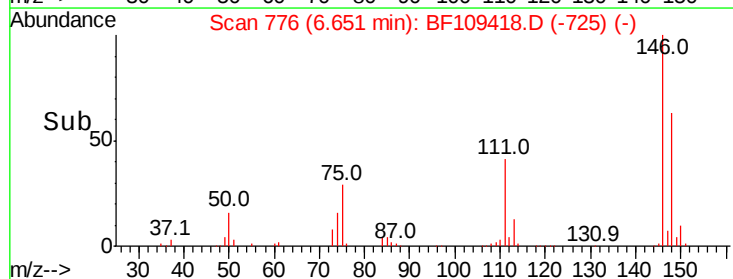
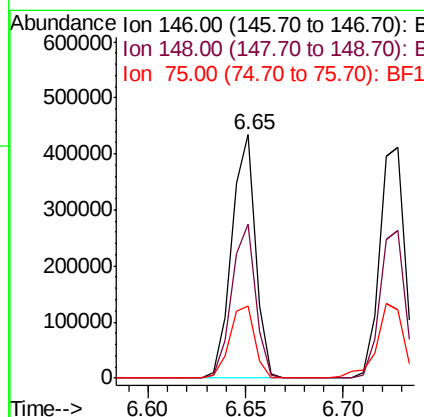
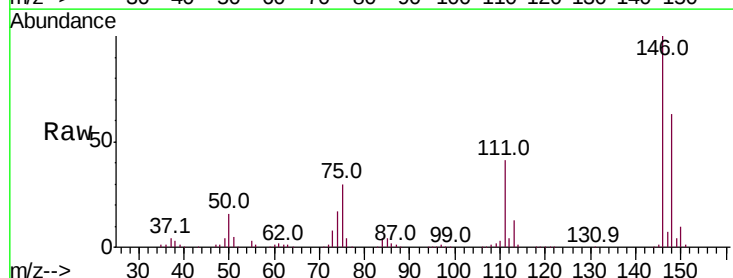
RT: 6.65 min Scan# 776

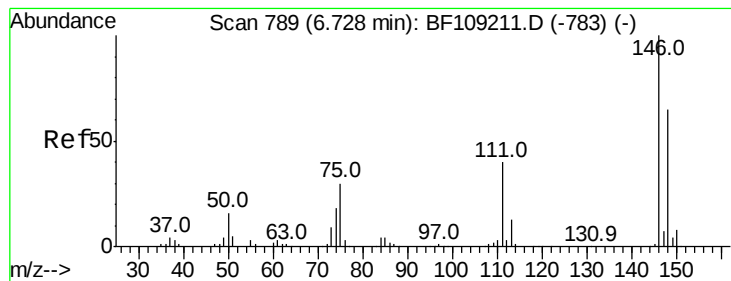
Delta R.T. 0.00 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion:	146	Resp:	366724
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.645 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

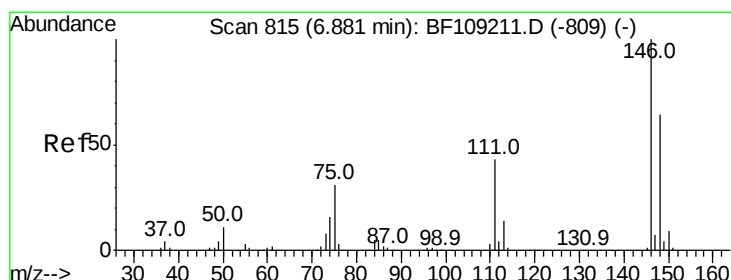
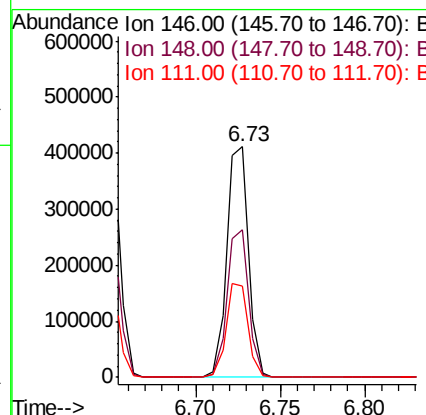
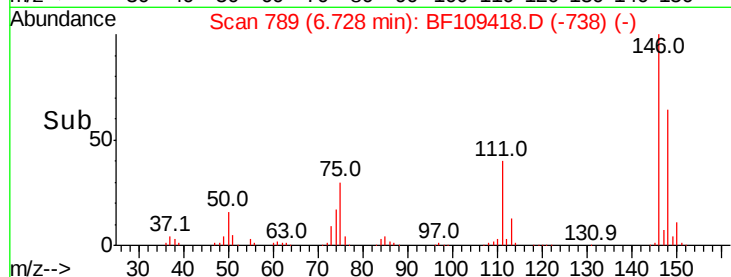
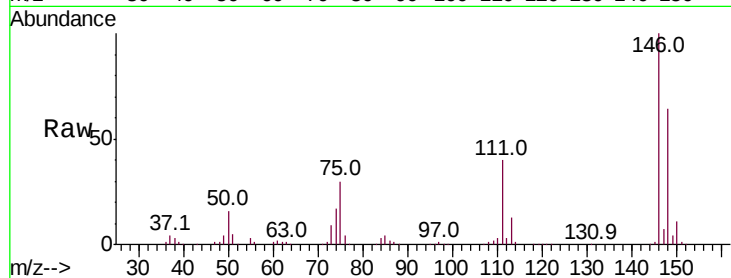
ClientSampled :

PB113249BS

Tot Ion:	146	Resp:	367487
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	39.9	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.833 ng

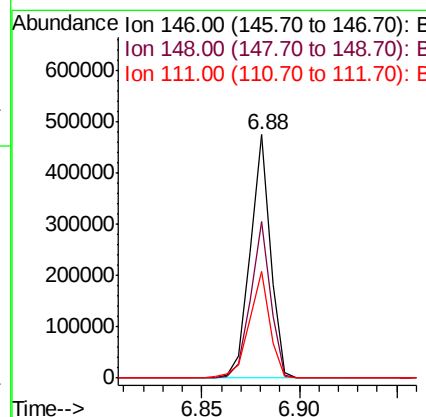
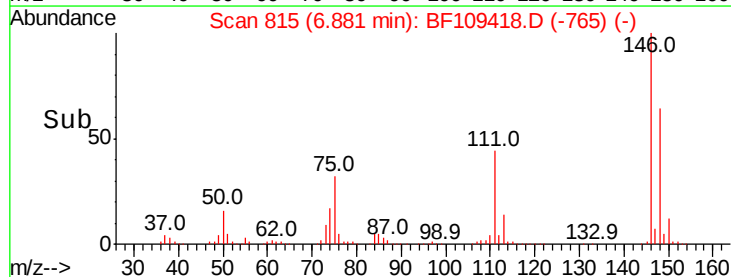
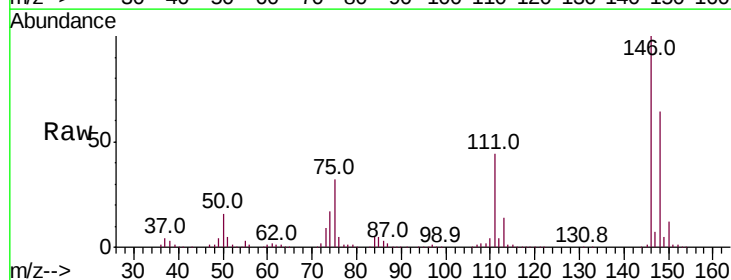
RT: 6.88 min Scan# 815

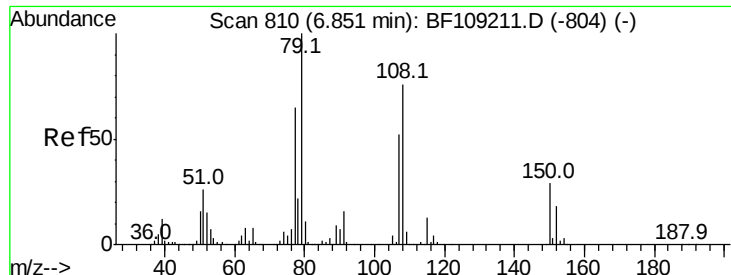
Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion:	146	Resp:	340525
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	43.6	36.0	54.0





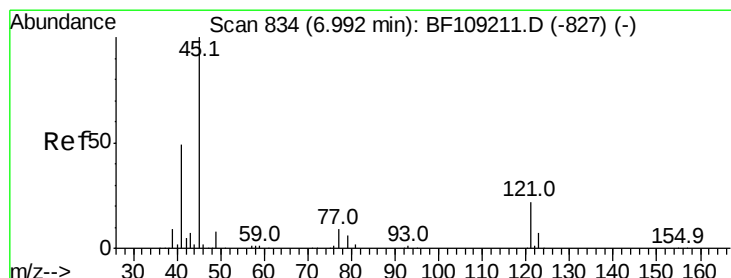
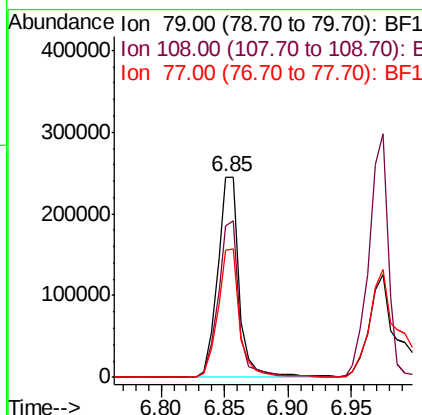
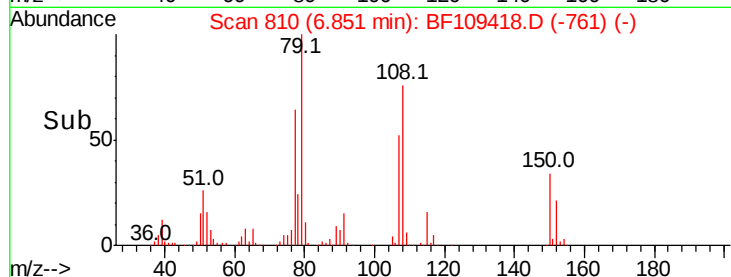
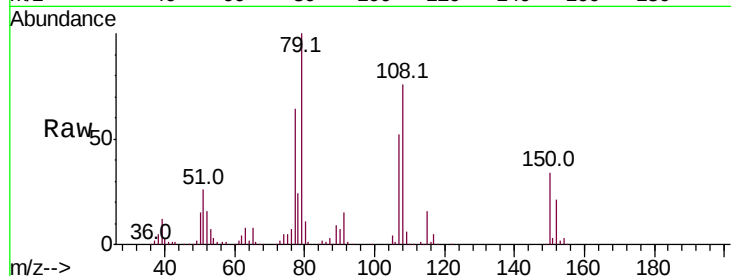
#15
Benzyl Alcohol
Concen: 43.905 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	293370		
108	75.7	65.1	97.7	
77	63.6	50.6	75.8	

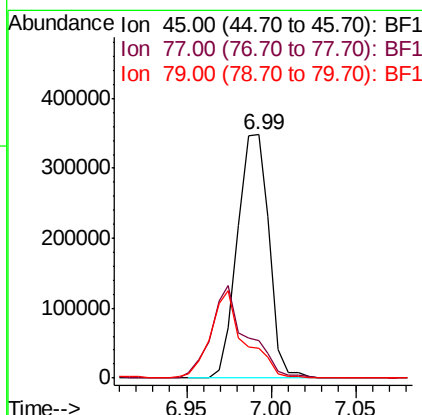
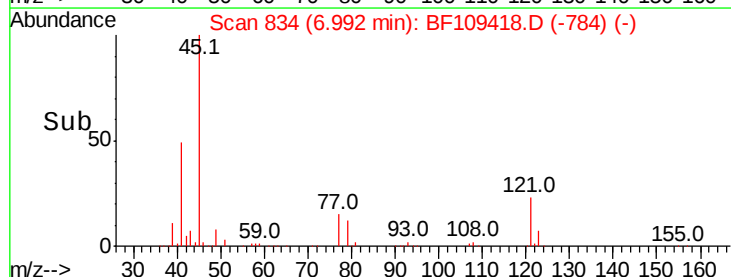
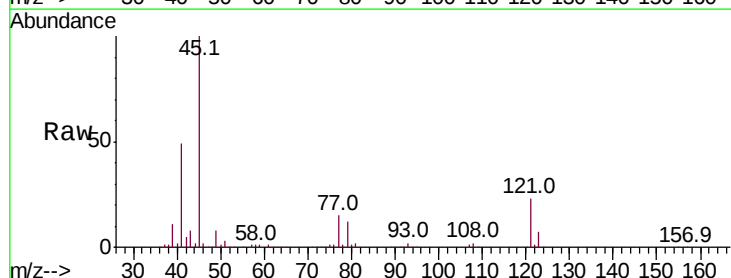
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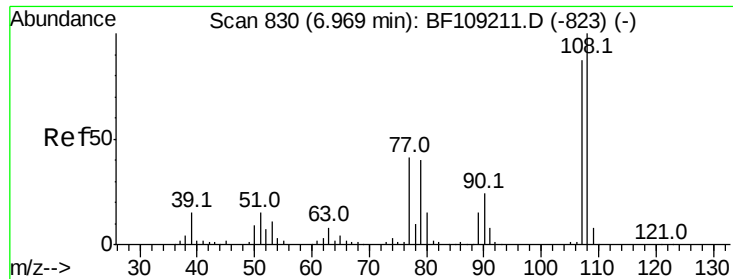
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.430 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	454586		
77	15.4	0.0	32.9	
79	12.3	0.0	29.6	





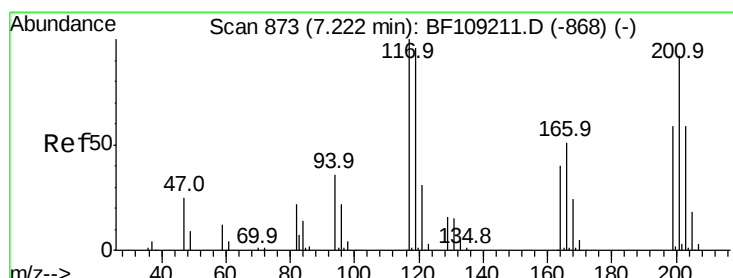
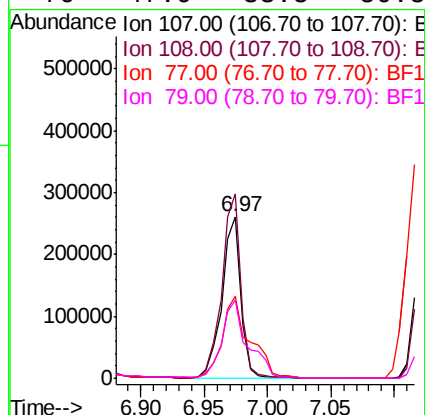
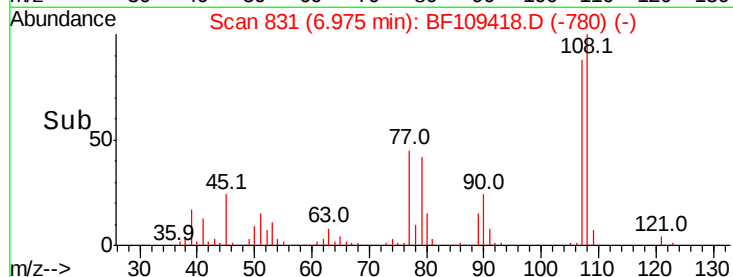
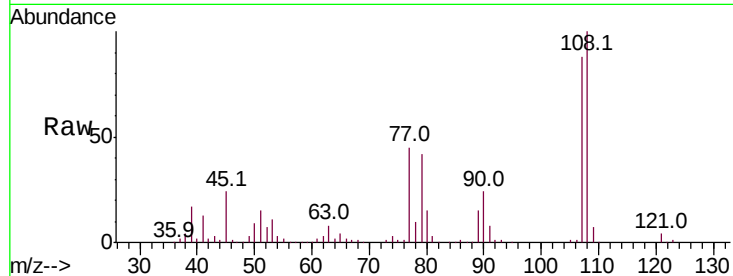
#17
2-Methylphenol
Concen: 44.423 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampled :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	91.7	137.5	
77	50.7	33.8	50.8	
79	47.9	33.8	50.8	

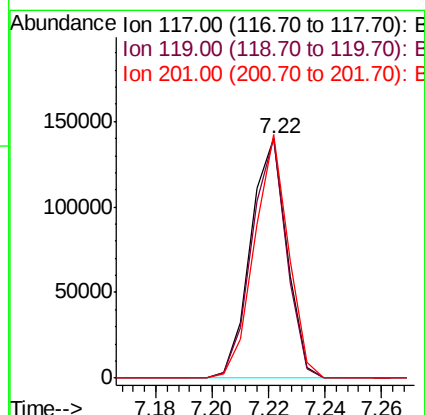
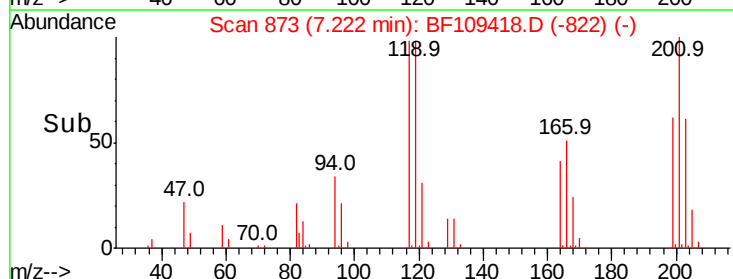
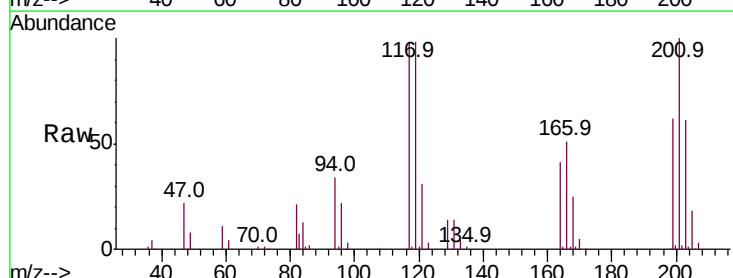
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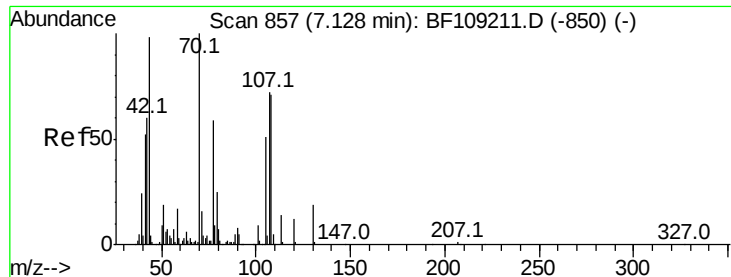
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#18
Hexachloroethane
Concen: 39.990 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	75.8	113.8	
201	101.6	75.7	113.5	





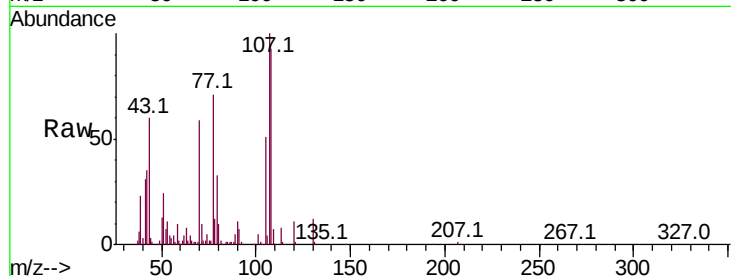
#19
n-Nitroso-di-n-propylamine
Concen: 42.172 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	59.7		47.5	71.3
101	8.8		7.4	11.2
130	19.9		16.6	25.0

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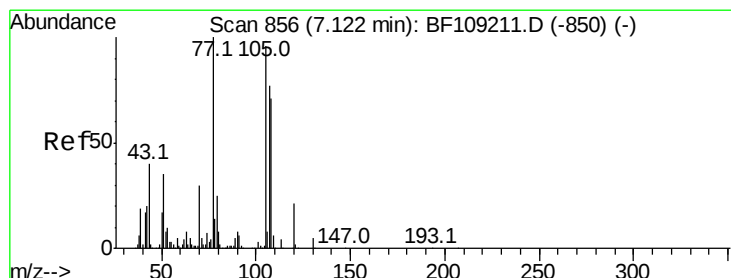
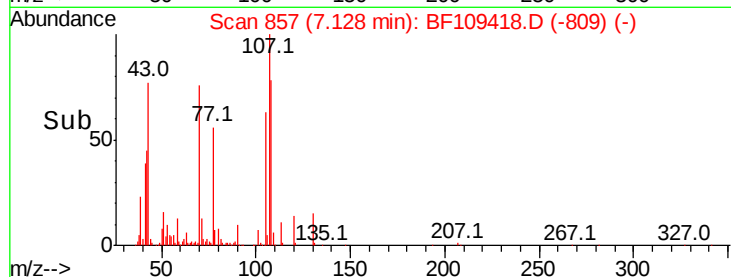
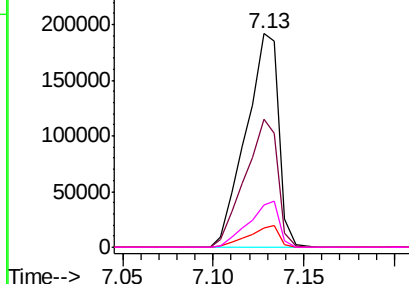
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 44.124 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	92.9		68.2	108.2
77	71.2		26.7	66.7#
79	32.8		6.3	46.3

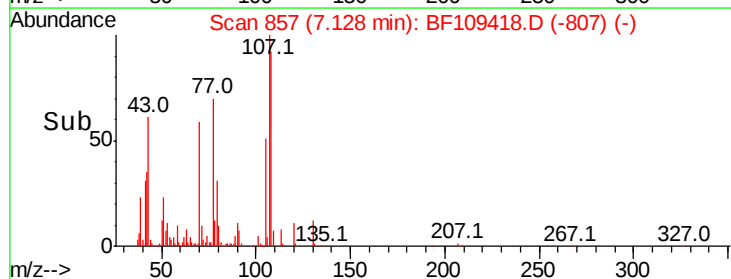
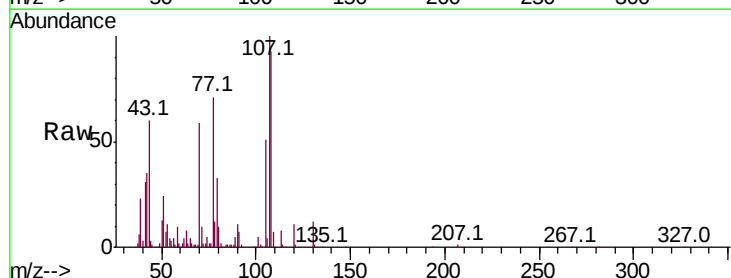
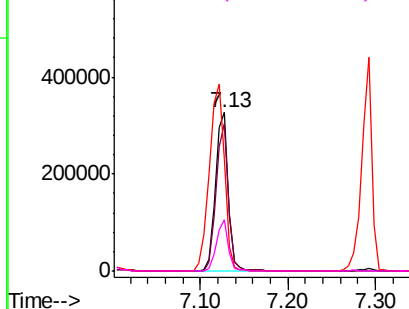
Abundance

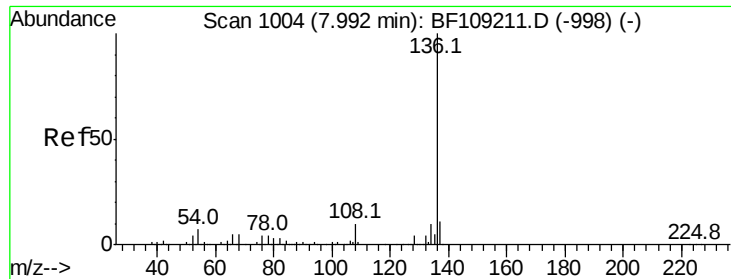
Ion 107.00 (106.70 to 107.70): E

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





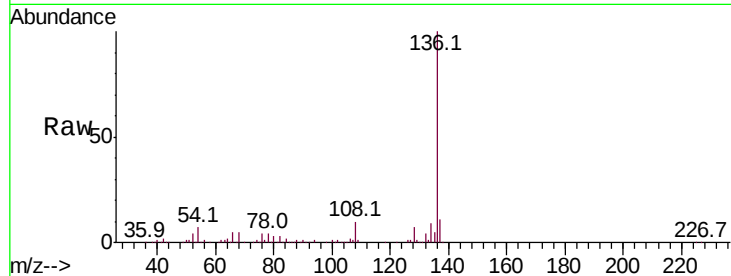
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

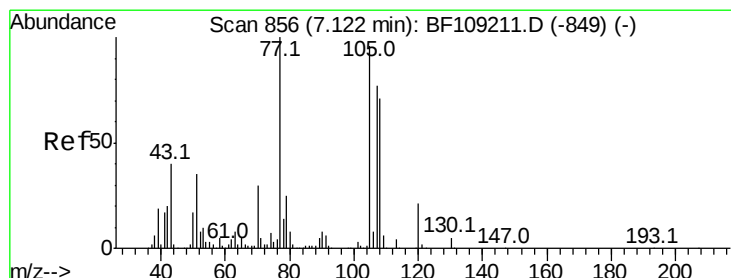
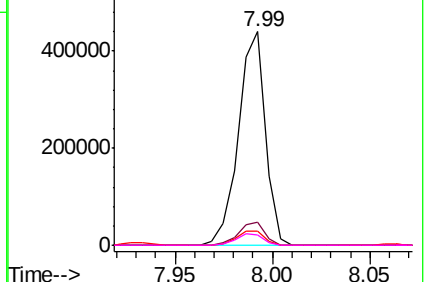
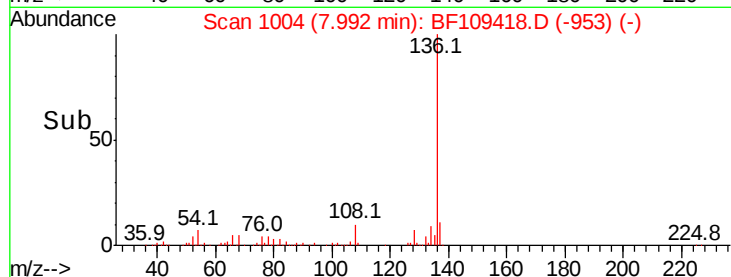
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.7	6.6	9.8	
68	5.0	5.0	7.4	

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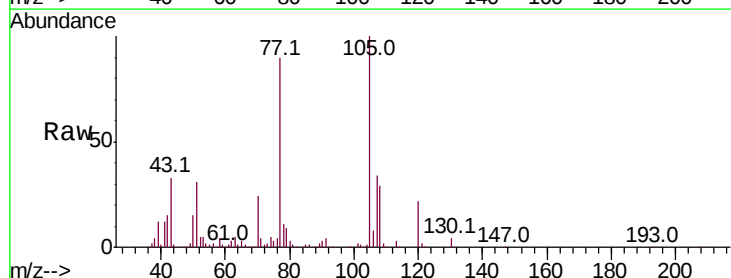


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

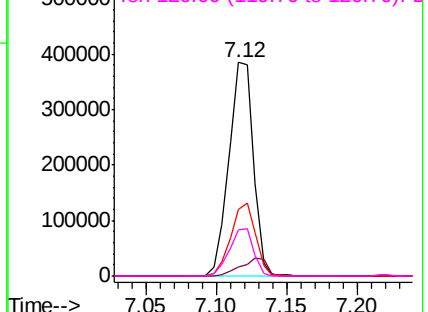
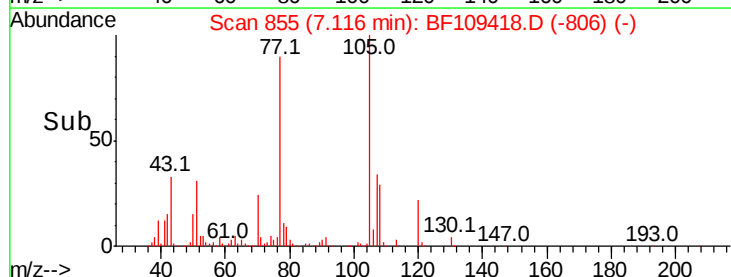


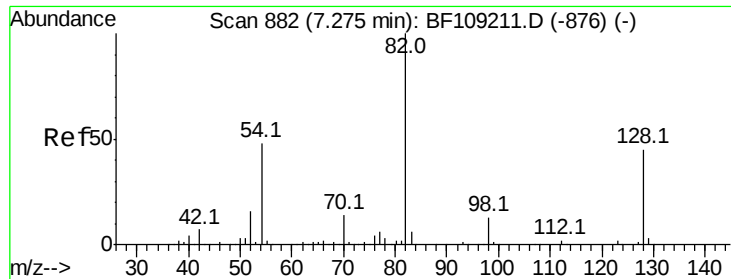
#22
Acetophenone
Concen: 47.700 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.0	4.4	6.6#	
51	31.4	22.3	33.5	
120	21.6	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





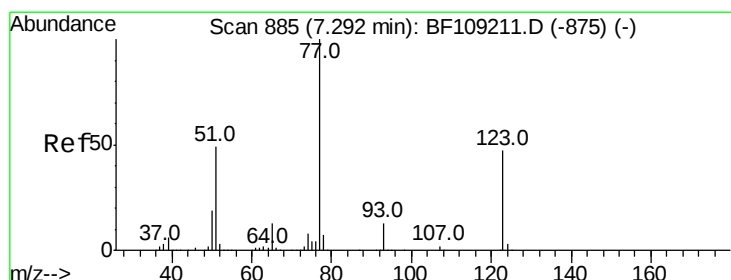
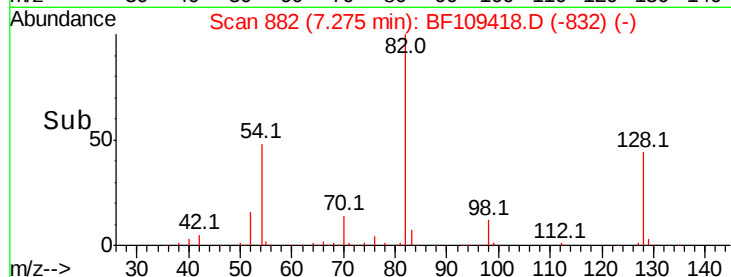
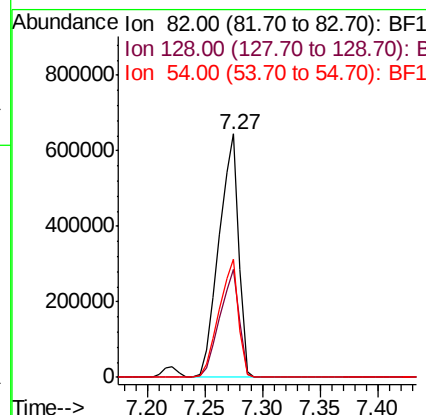
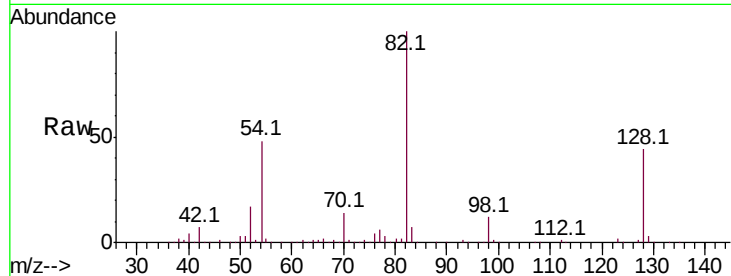
#23
 Nitrobenzene-d5
 Concen: 107.276 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.5	41.4	62.2

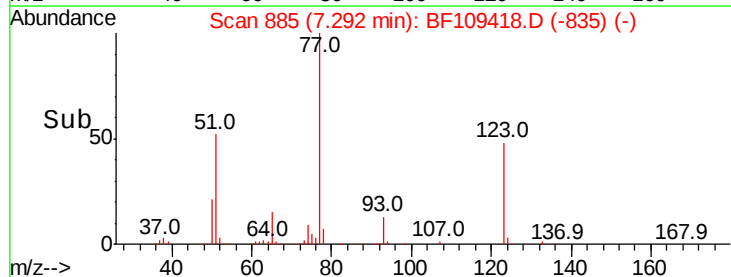
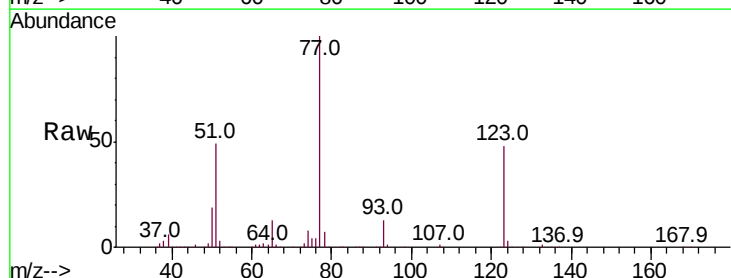
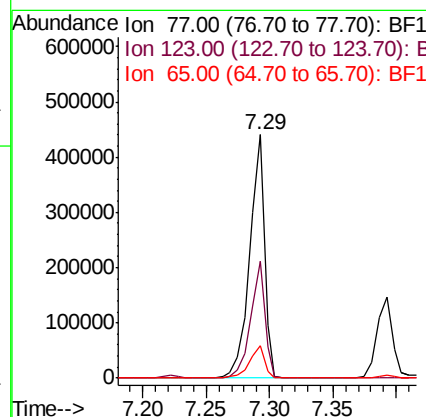
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#24
 Nitrobenzene
 Concen: 47.034 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.3	11.0	16.4





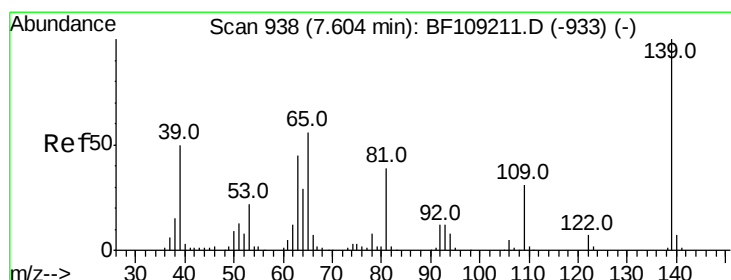
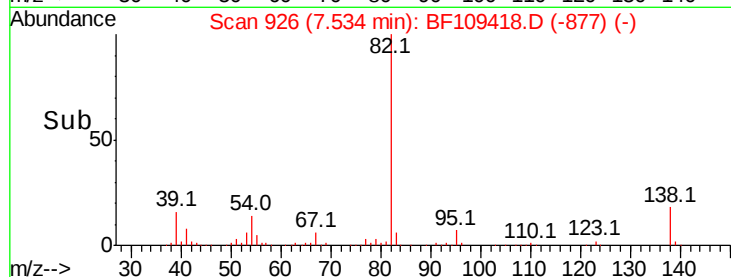
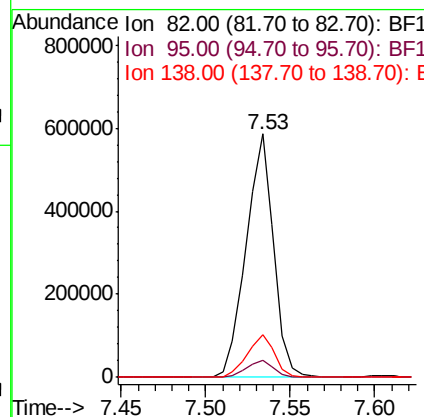
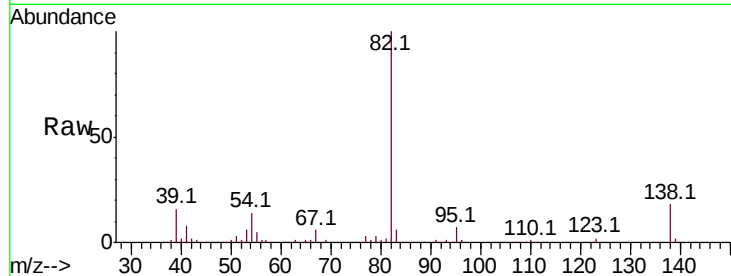
#25
Isophorone
Concen: 51.852 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	664776		
95	7.2		5.2	7.8
138	17.7		14.9	22.3

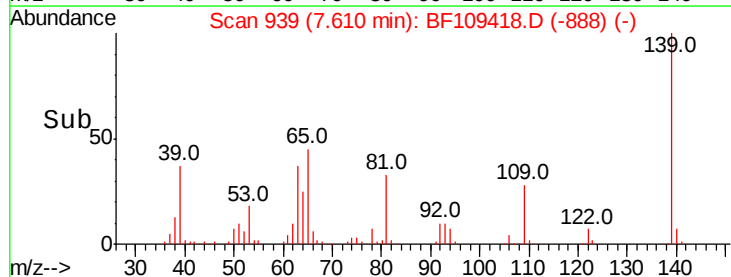
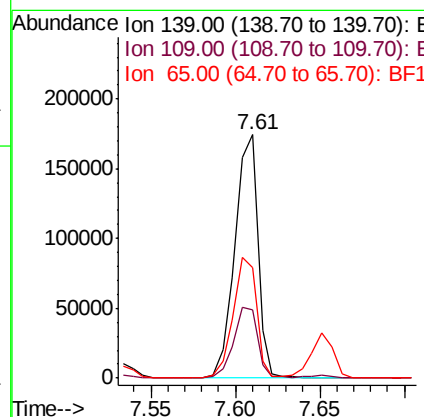
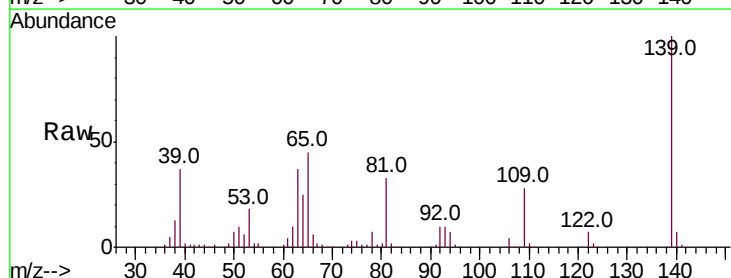
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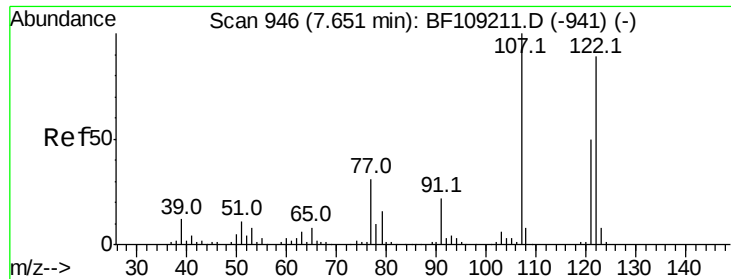
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#26
2-Nitrophenol
Concen: 55.148 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	165098		
109	28.2		22.7	34.1
65	45.4		40.5	60.7





#27

2,4-Dimethylphenol

Concen: 54.840 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

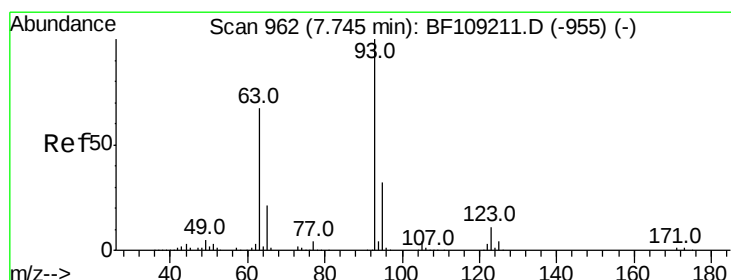
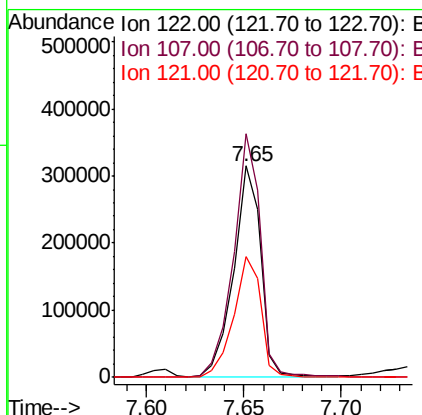
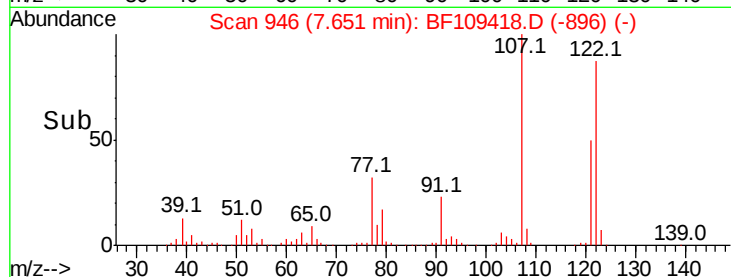
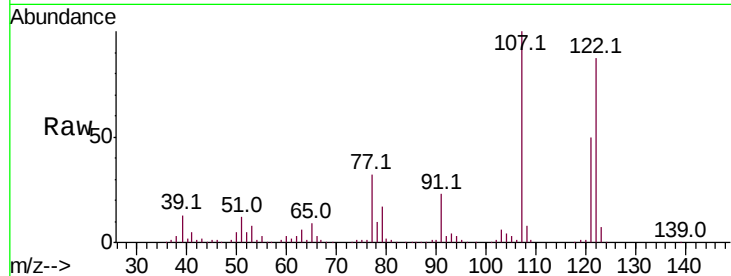
ClientSampled :

PB113249BS

Tot Ion:	122	Resp:	306353
Ion Ratio	Lower	Upper	
122	100		
107	115.1	91.2	136.8
121	57.2	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.135 ng

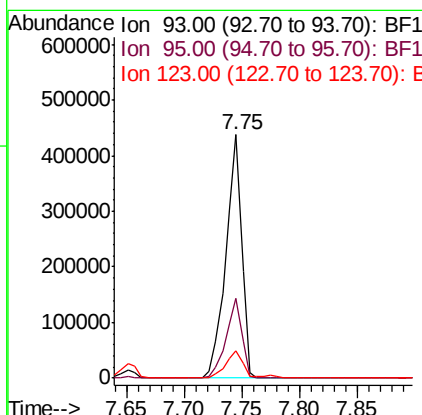
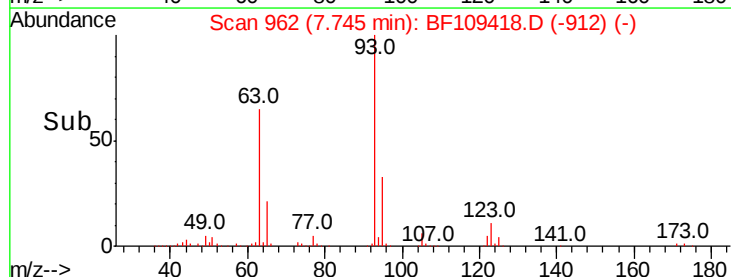
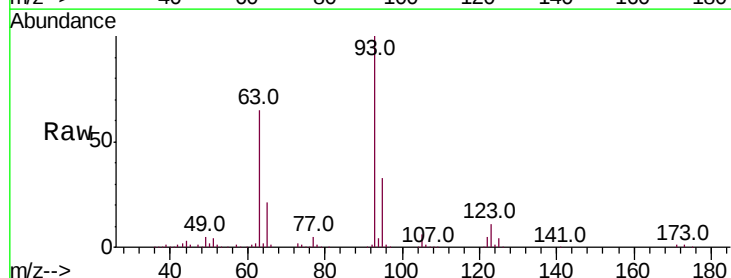
RT: 7.75 min Scan# 962

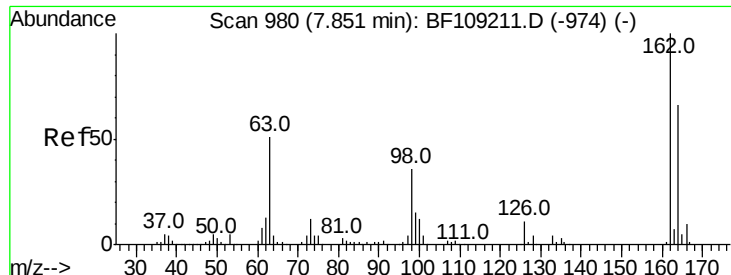
Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion:	93	Resp:	417001
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.4	9.8	14.6





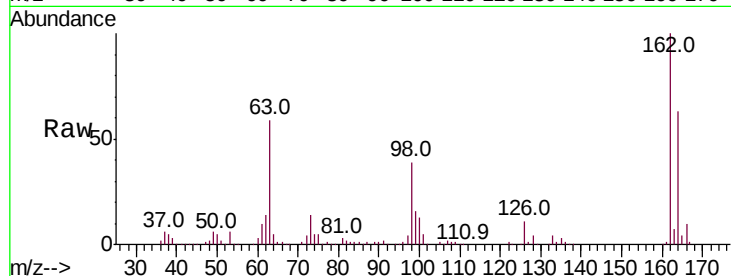
#29
 2,4-Dichlorophenol
 Concen: 48.870 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleID :
 PB113249BS

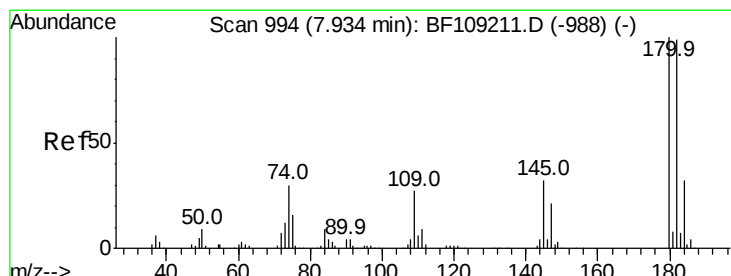
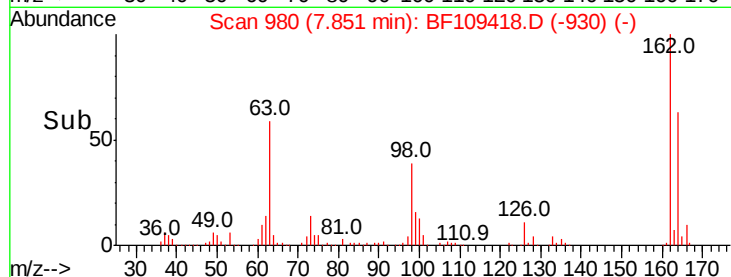
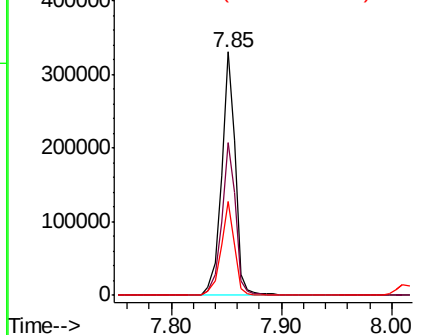
Tot Ion:	162	Resp:	286835
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.7	82.7
98	38.6	18.1	58.1

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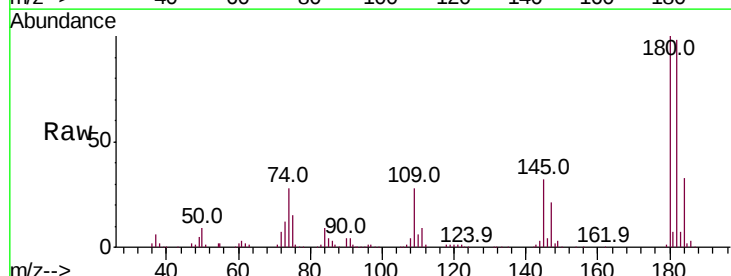


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

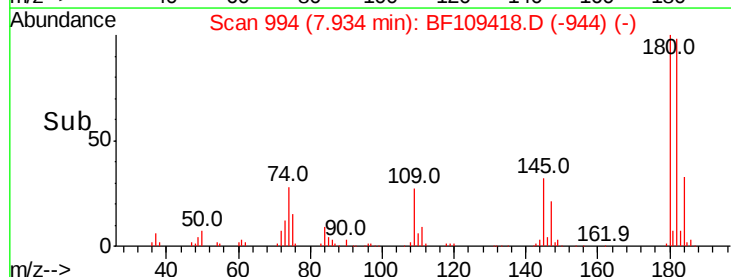
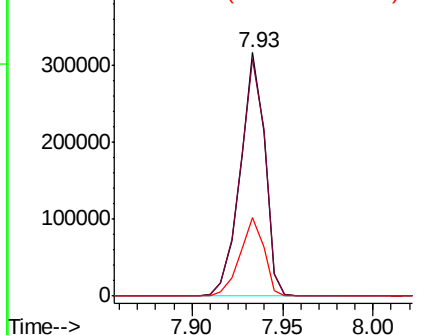


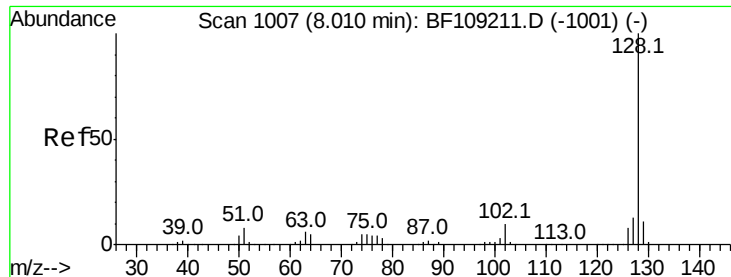
#30
 1,2,4-Trichlorobenzene
 Concen: 45.003 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion:	180	Resp:	295149
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.8	115.2
145	32.5	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





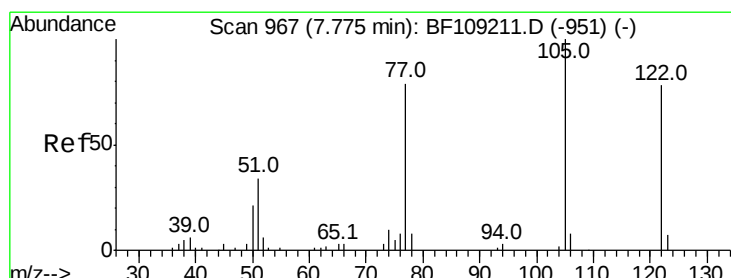
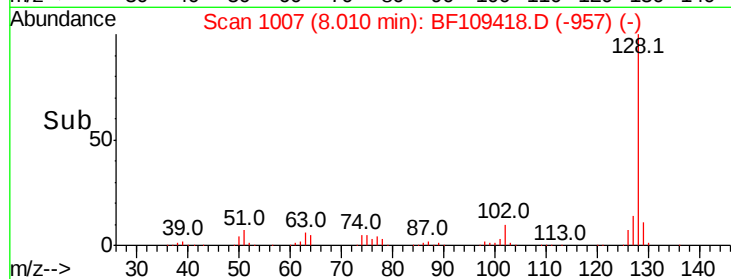
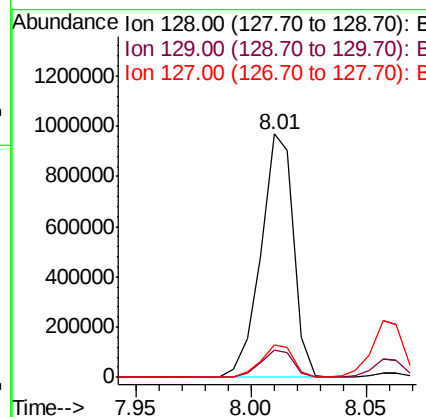
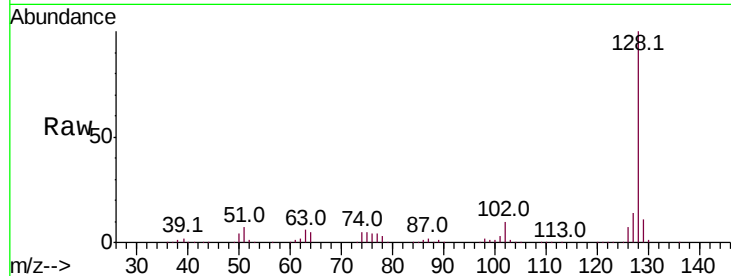
#31
Naphthalene
Concen: 48.699 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	956434		
129	11.3		8.8	13.2
127	13.6		10.9	16.3

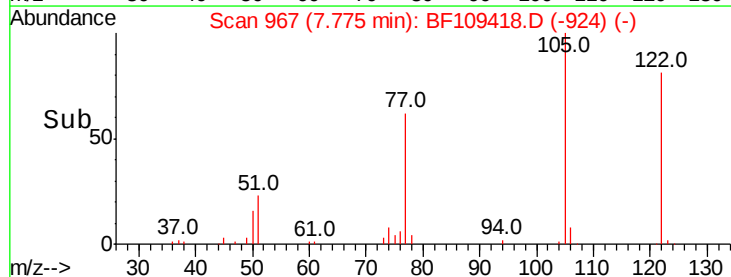
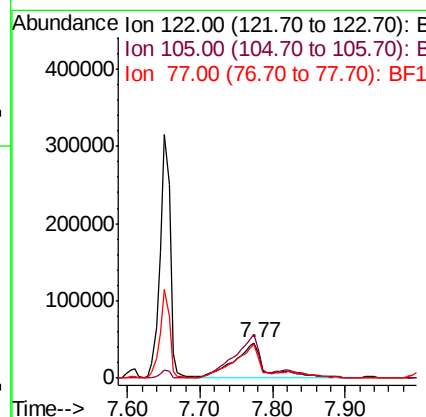
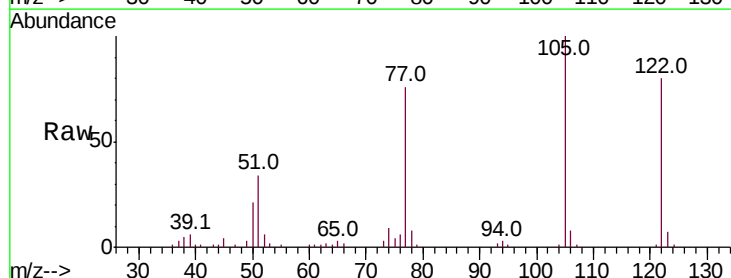
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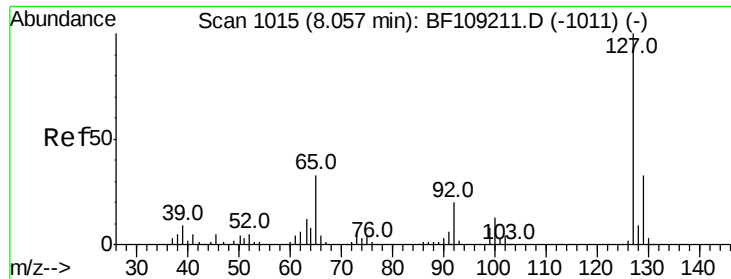
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#32
Benzoic acid
Concen: 38.260 ng m
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	139142		
105	124.8		101.1	141.1
77	94.8		70.7	110.7





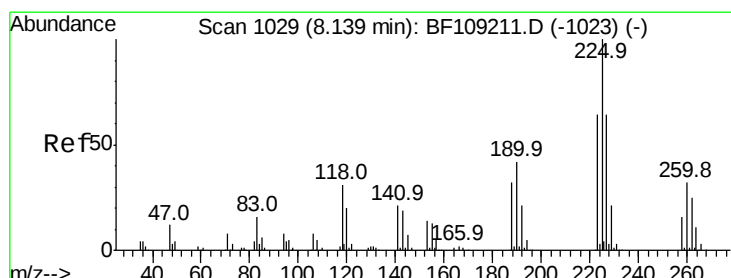
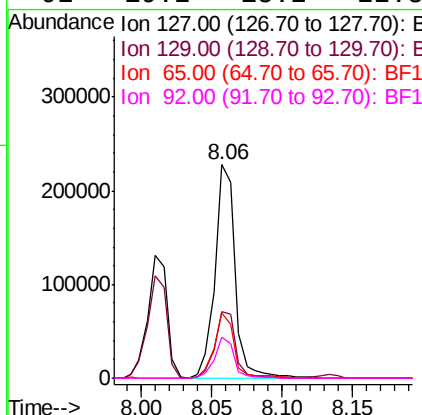
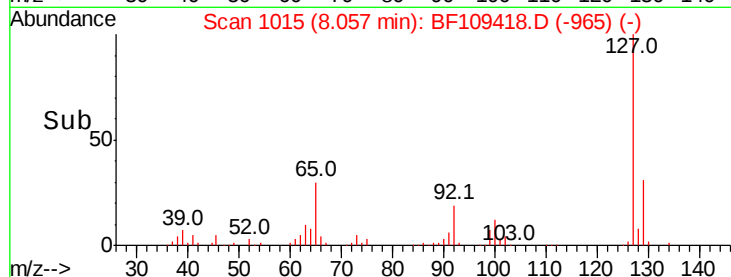
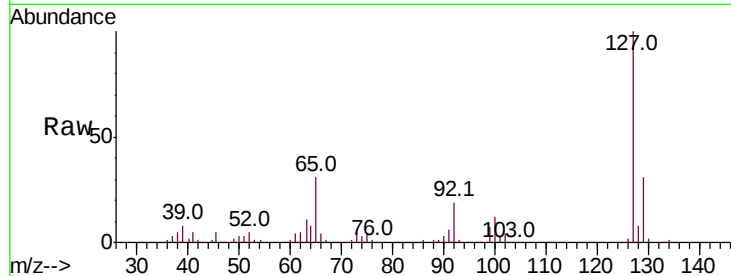
#33
 4-Chloroaniline
 Concen: 26.382 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.4	25.9	38.9
65	30.9	25.0	37.4
92	19.2	15.2	22.8

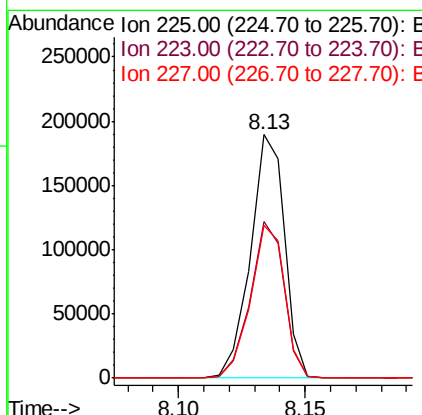
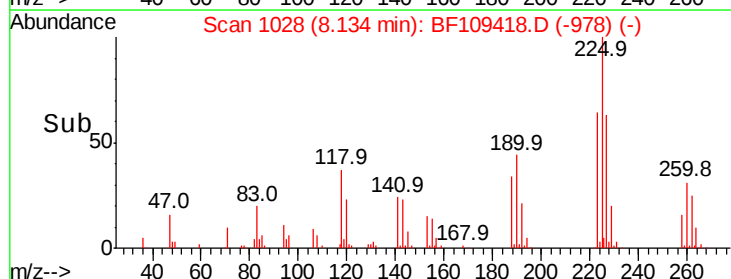
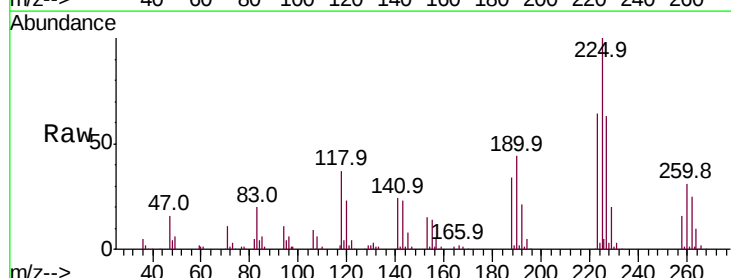
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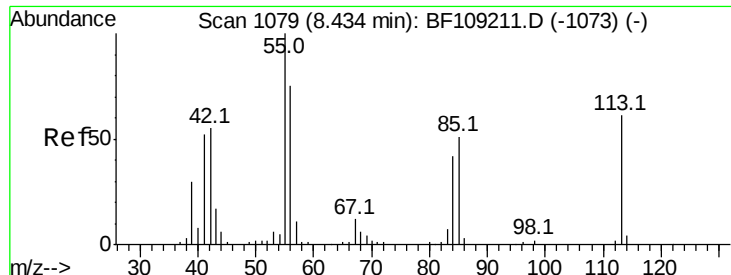
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#34
 Hexachlorobutadiene
 Concen: 45.029 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.1	50.6	76.0
227	62.8	51.9	77.9





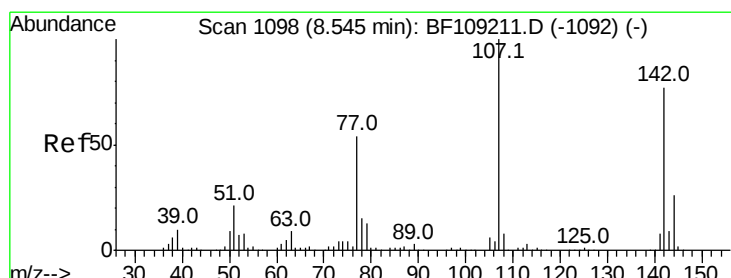
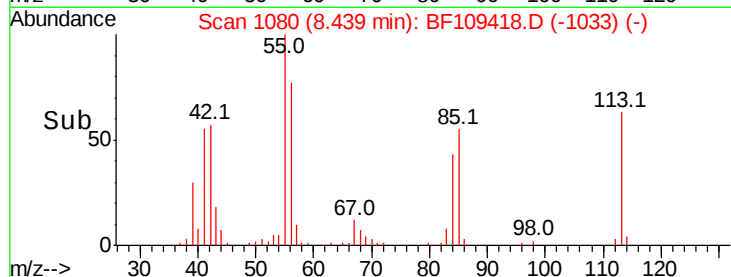
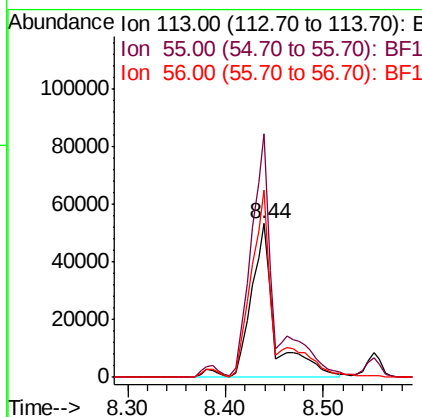
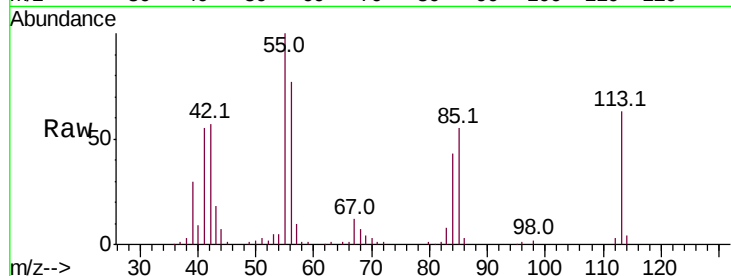
#35
Caprolactam
Concen: 48.662 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleID :
PB113249BS

Tot Ion:113 Resp: 91187
Ion Ratio Lower Upper
113 100
55 158.7 163.3 203.3#
56 122.4 115.7 155.7

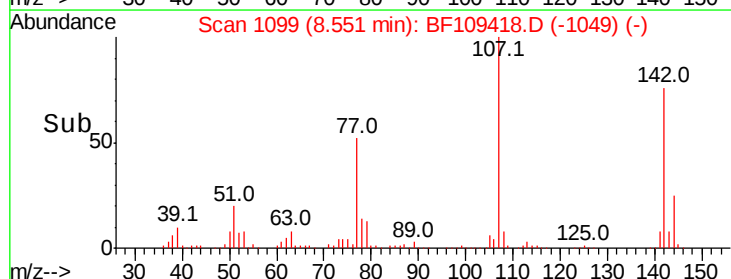
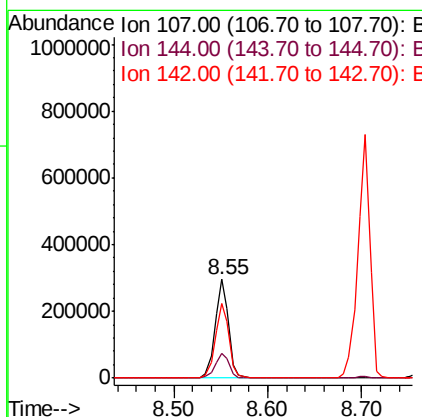
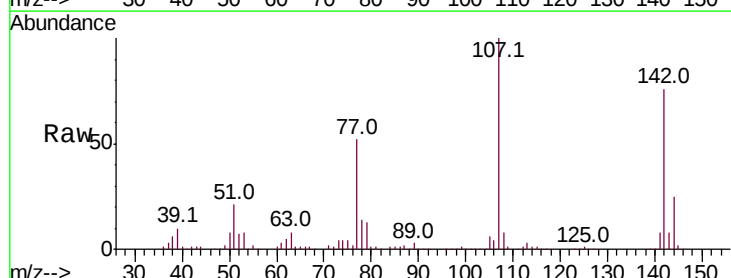
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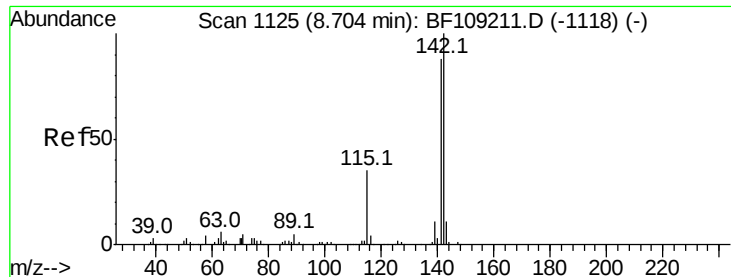
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#36
4-Chloro-3-methylphenol
Concen: 48.384 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion:107 Resp: 298826
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 76.1 62.0 93.0





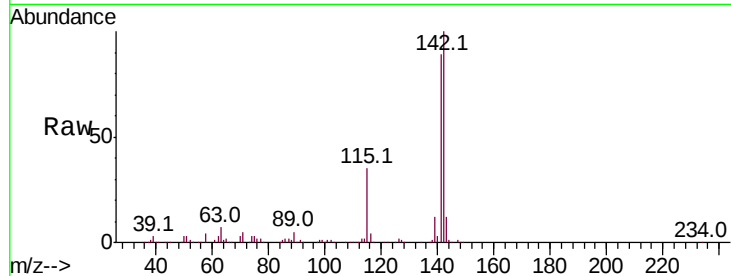
#37
2-Methylnaphthalene
Concen: 51.130 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	35.2	26.1	39.1

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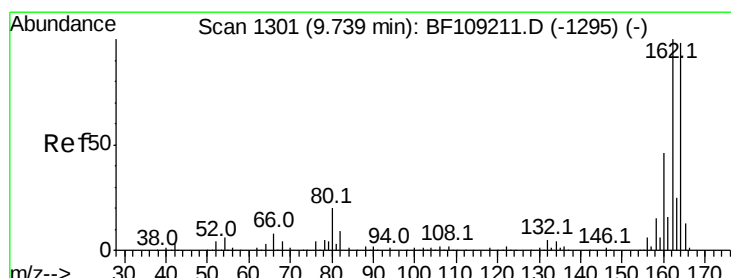
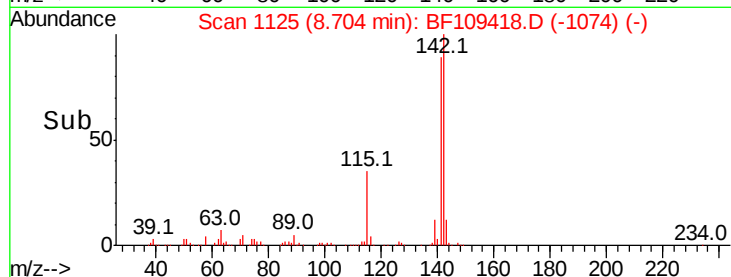
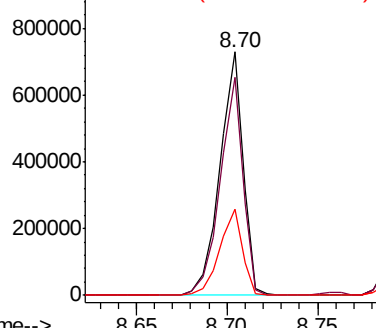


Abundance

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: BF109418.D
Acq: 28 Sep 2018 6:37

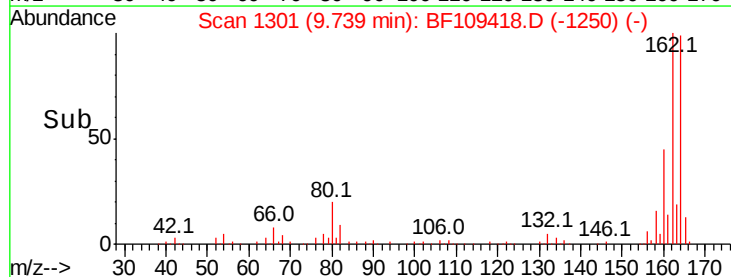
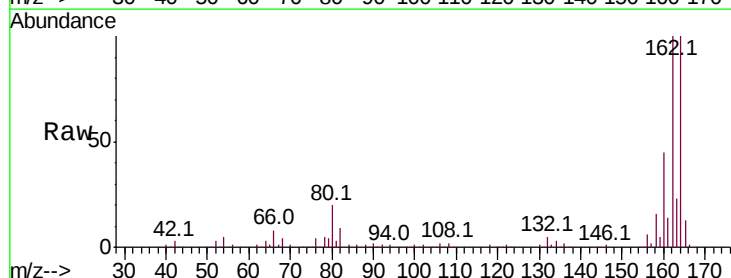
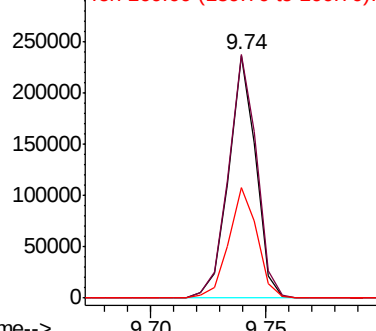
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	45.6	38.3	57.5

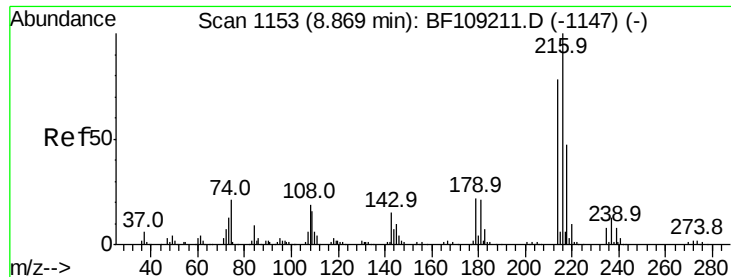
Abundance

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





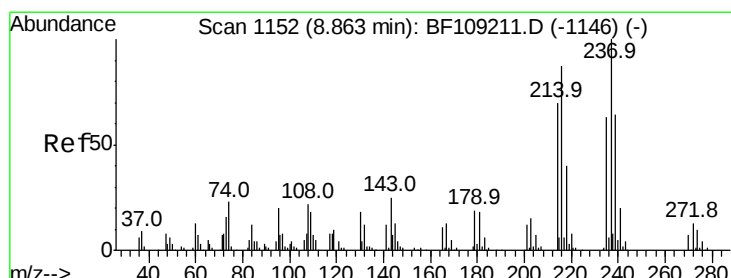
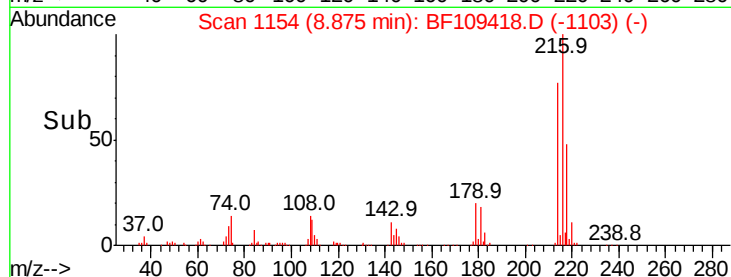
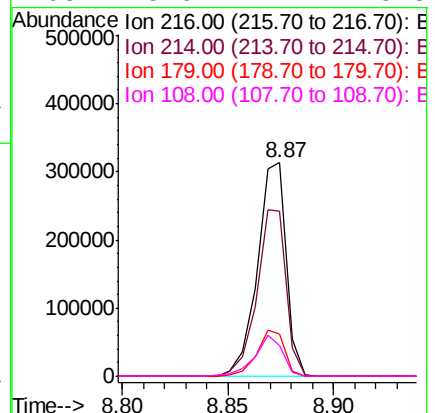
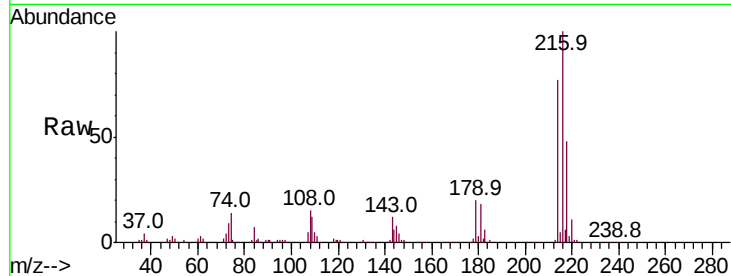
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.256 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.0	18.1	27.1
108	18.6	17.2	25.8

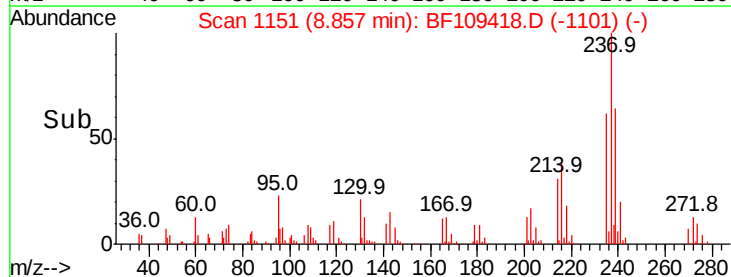
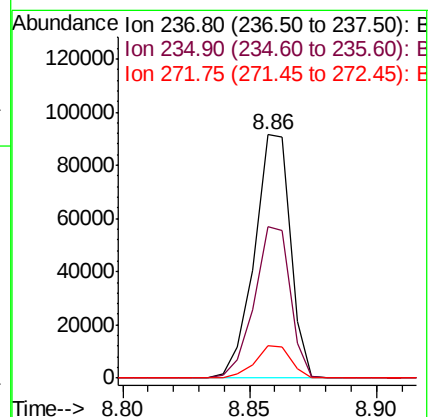
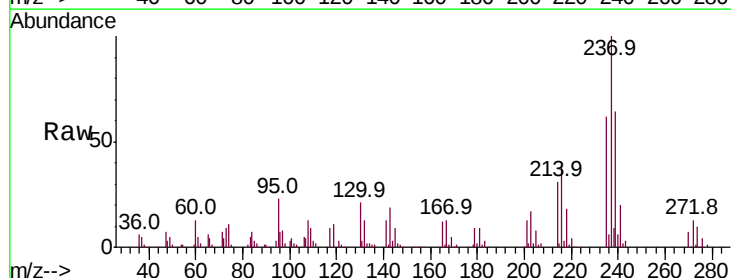
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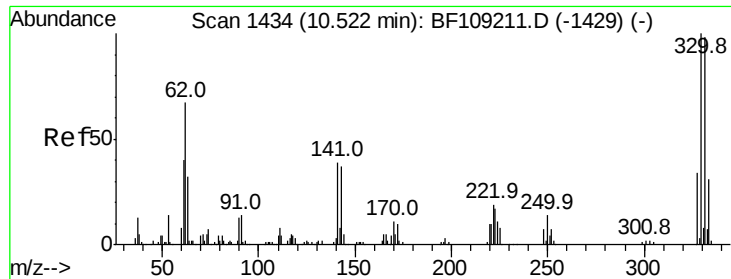
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#40
 Hexachlorocyclopentadiene
 Concen: 33.744 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	44.8	84.8
272	13.2	0.0	33.3





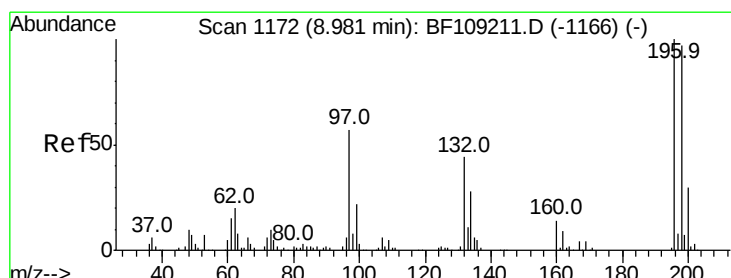
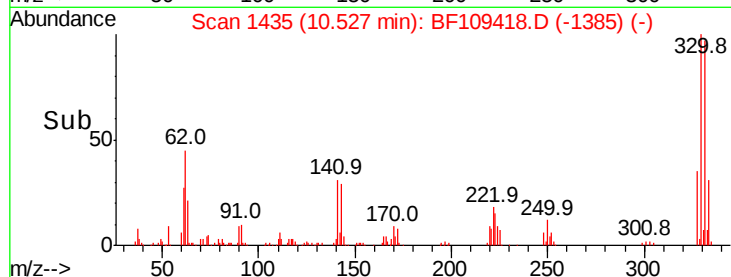
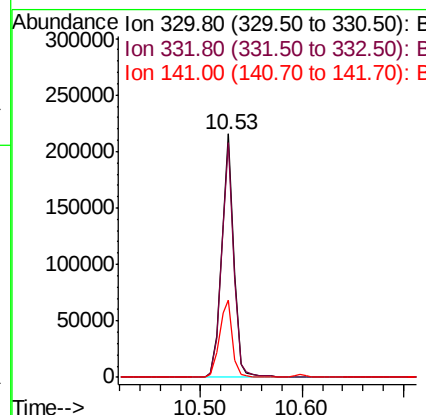
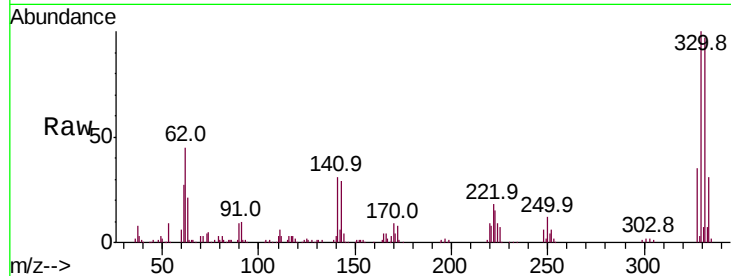
#41
 2,4,6-Tribromophenol
 Concen: 94.020 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	33.7	29.9	44.9	

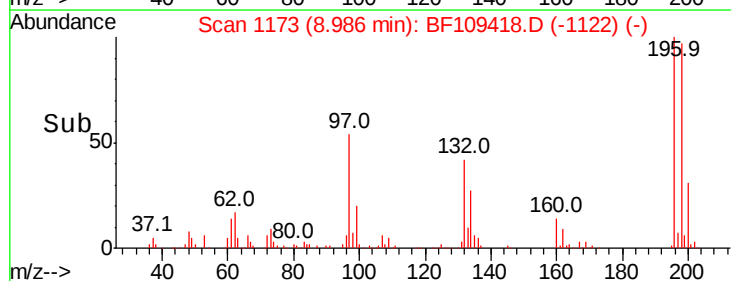
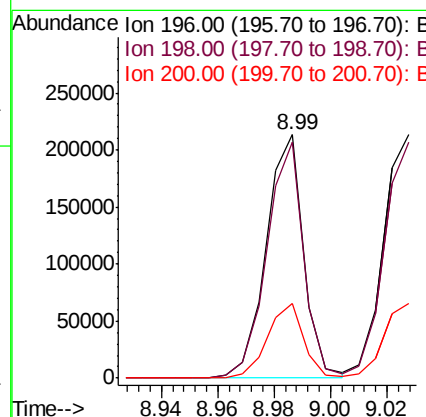
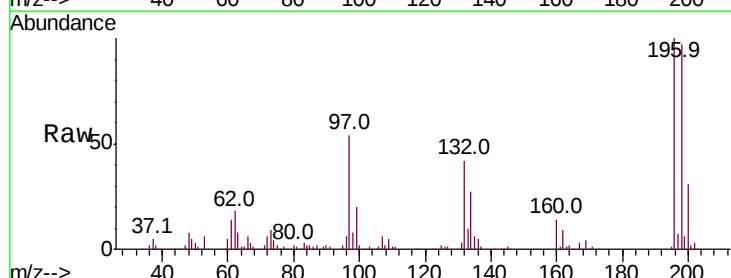
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 49.107 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.8	75.7	113.5	
200	30.8	24.5	36.7	





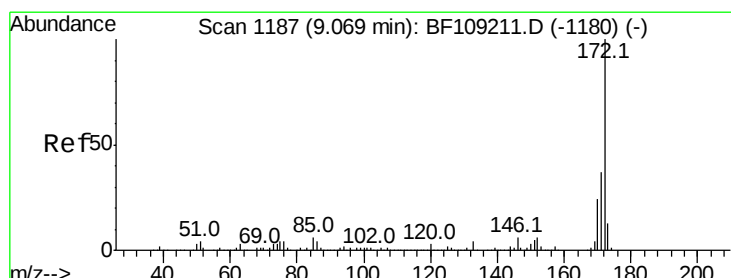
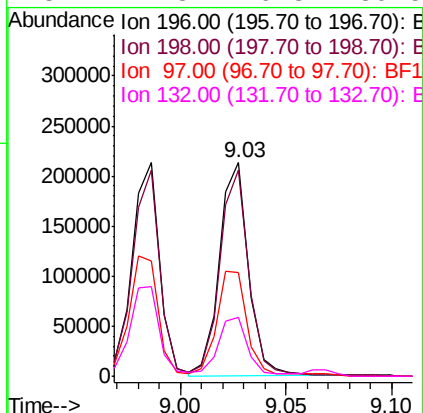
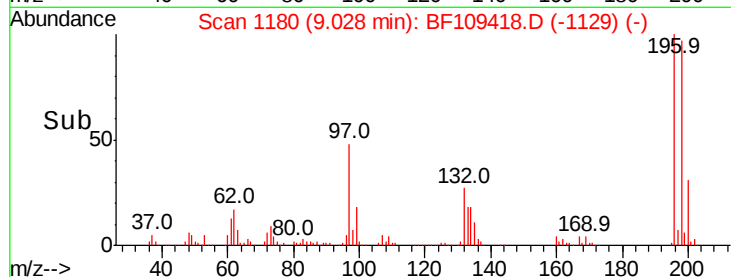
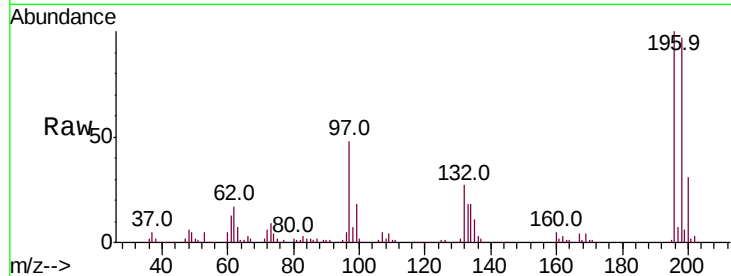
#43
 2,4,5-Trichlorophenol
 Concen: 47.979 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion:	196	Resp:	201441
Ion Ratio	Lower	Upper	
196	100		
198	96.7	74.6	112.0
97	48.4	42.9	64.3
132	27.3	26.3	39.5

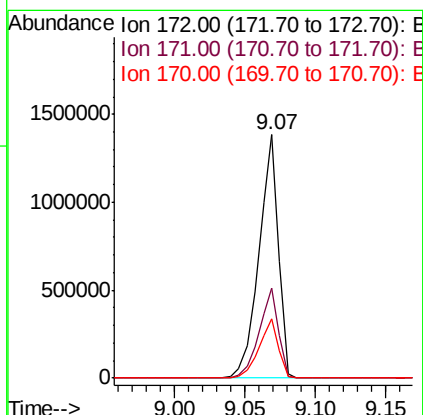
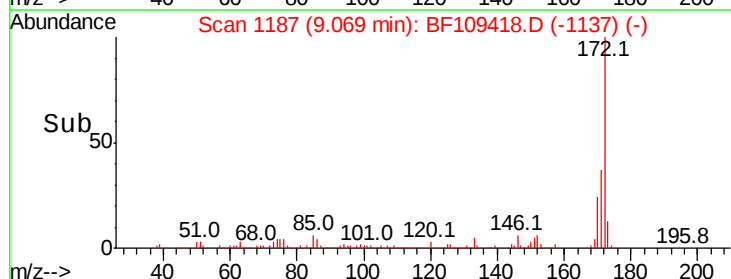
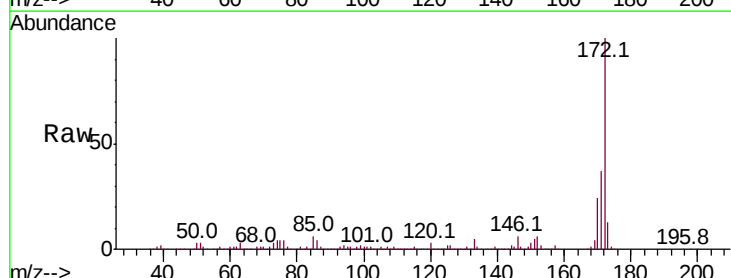
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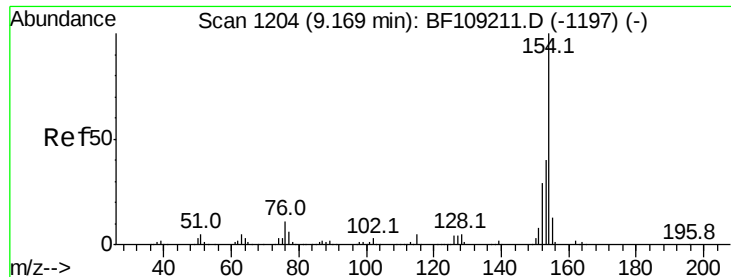
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 104.532 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion:	172	Resp:	1348936
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 48.166 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

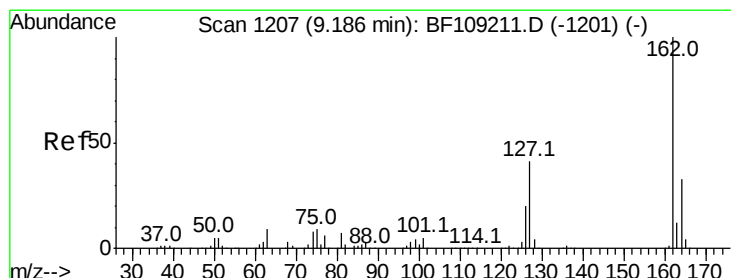
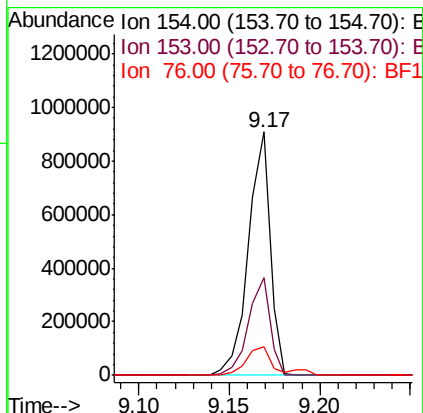
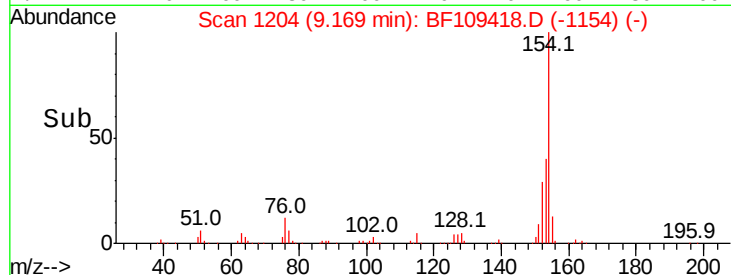
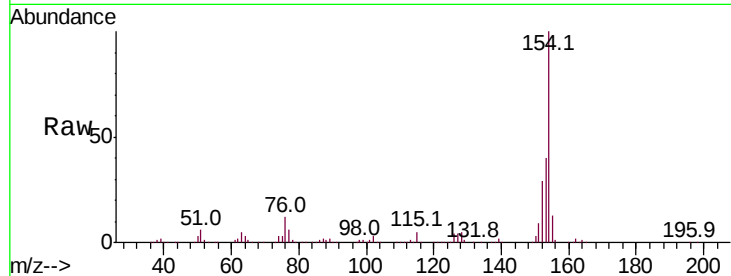
ClientSampleId :

PB113249BS

Tot Ion:	154	Resp:	763774
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.3	61.3
76	11.6	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 46.221 ng

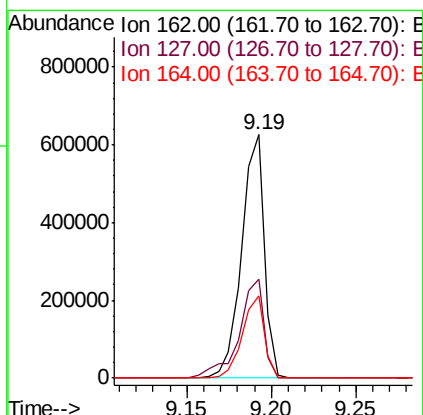
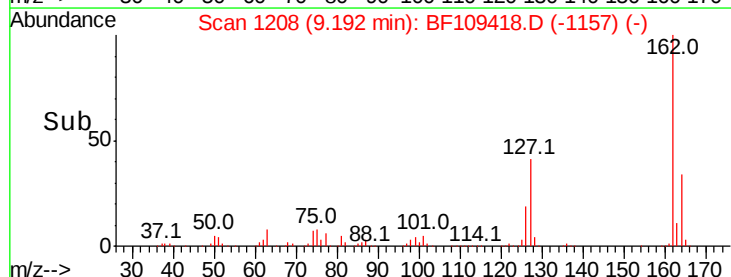
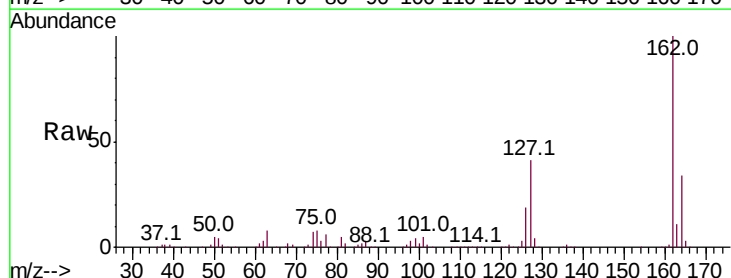
RT: 9.19 min Scan# 1208

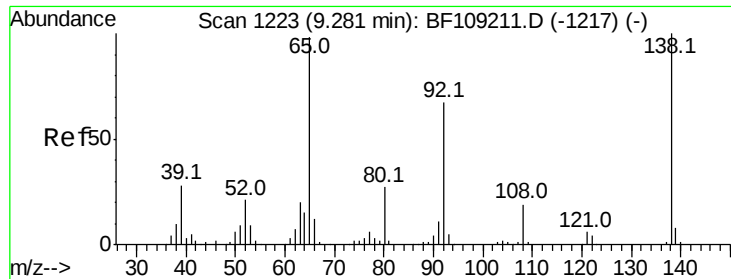
Delta R.T. 0.00 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion:	162	Resp:	585536
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	33.7	26.5	39.7





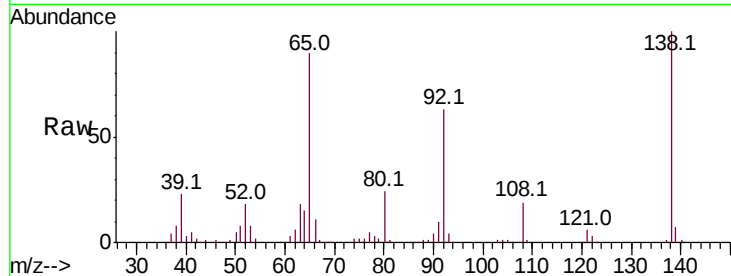
#47
2-Nitroaniline
Concen: 51.891 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.8	83.6
138	111.3	91.2	136.8

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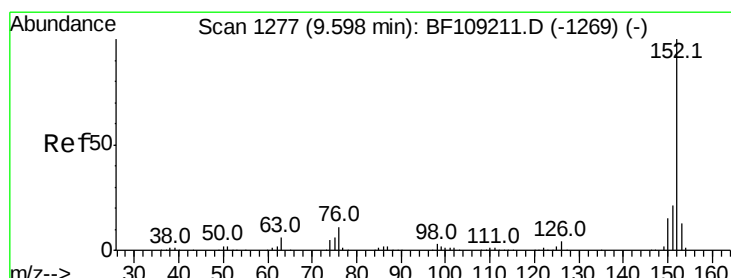
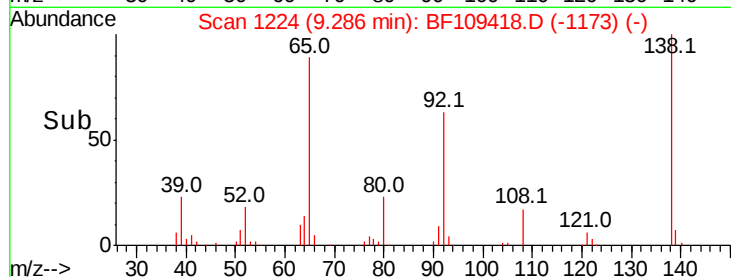
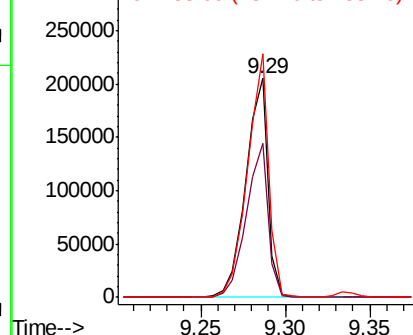


Abundance

Ion 65.00 (64.70 to 65.70): BF1

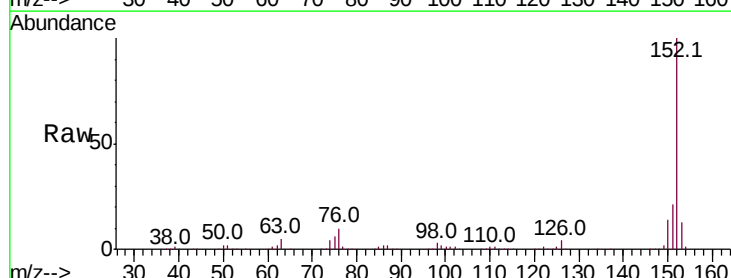
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 48.418 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.7	16.1

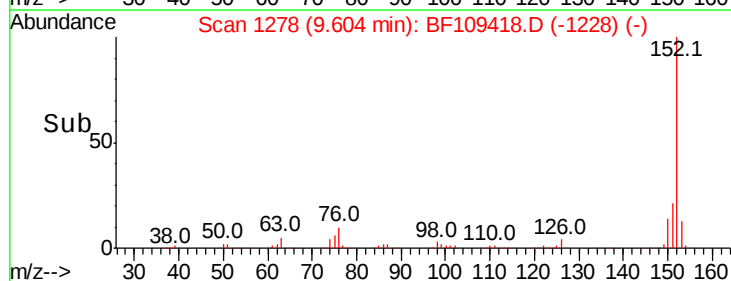
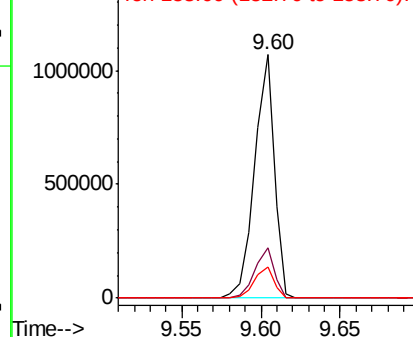


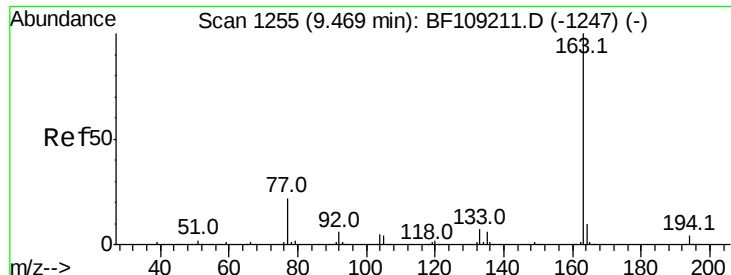
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





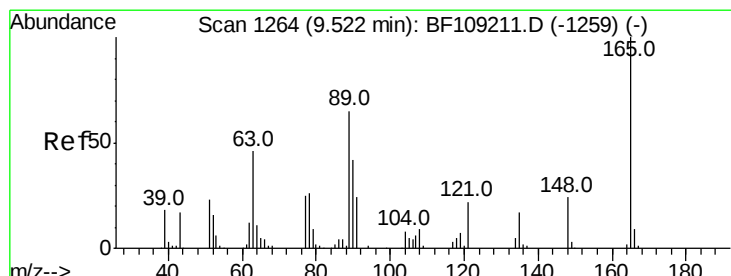
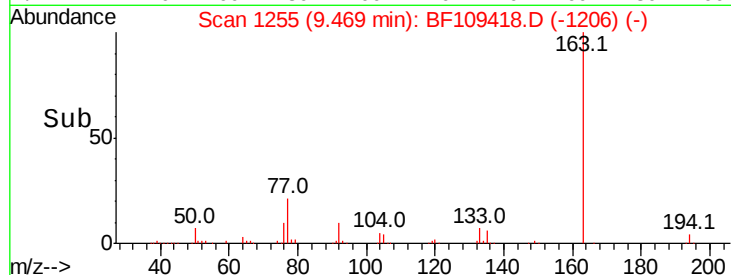
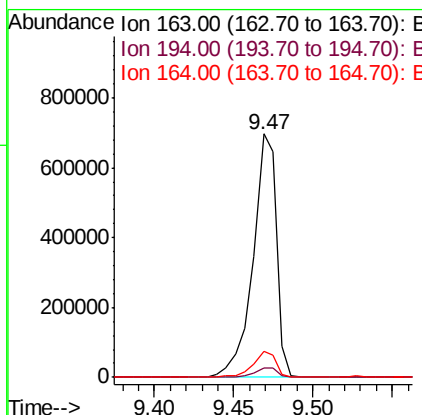
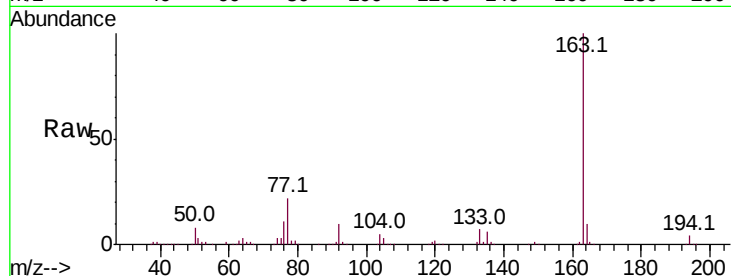
#49
Dimethylphthalate
Concen: 50.695 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.4	8.2	12.2	

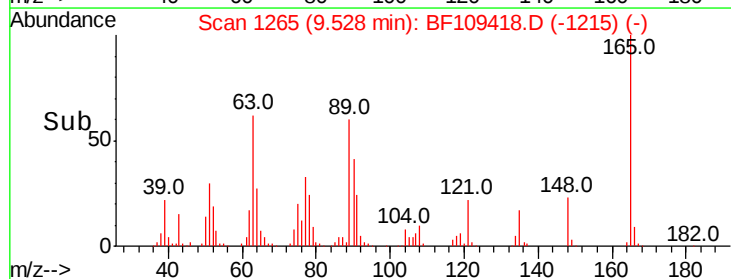
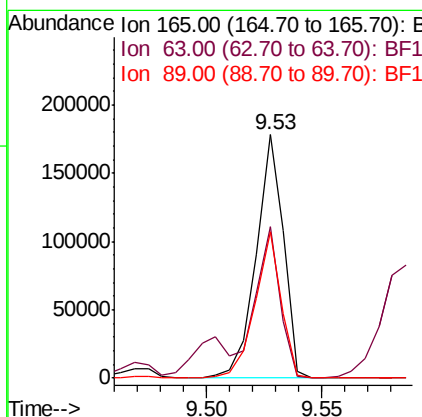
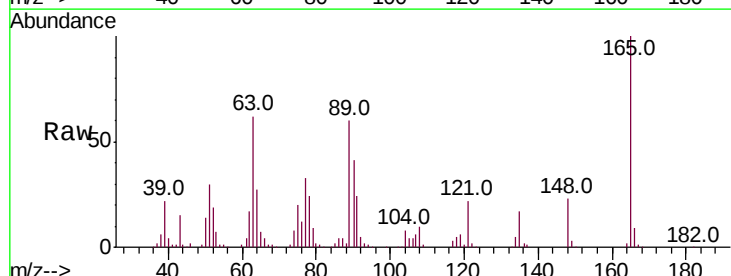
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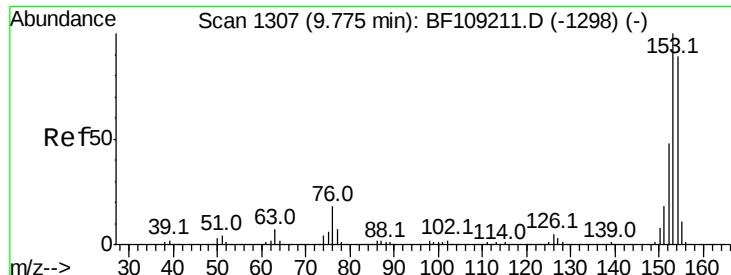
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#50
2,6-Dinitrotoluene
Concen: 52.637 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.0	44.7	67.1	
89	60.3	44.0	66.0	





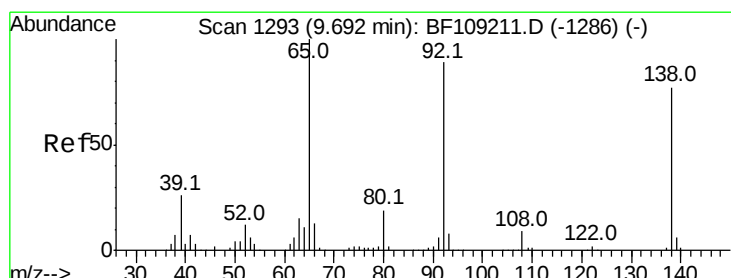
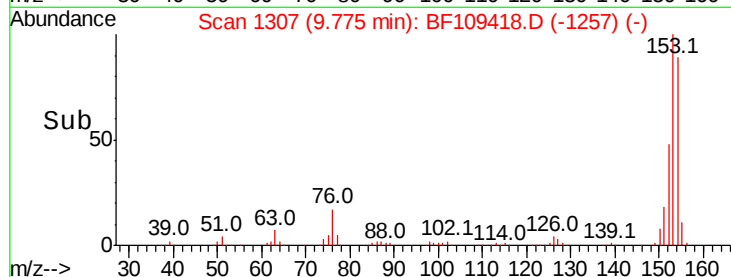
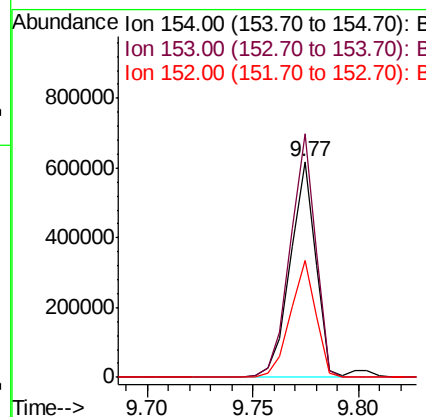
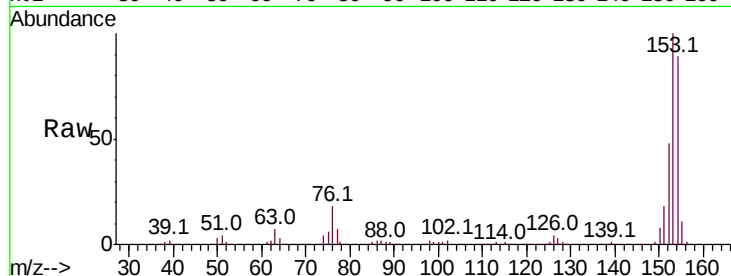
#51
Acenaphthene
Concen: 45.339 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	54.0	43.8	65.8

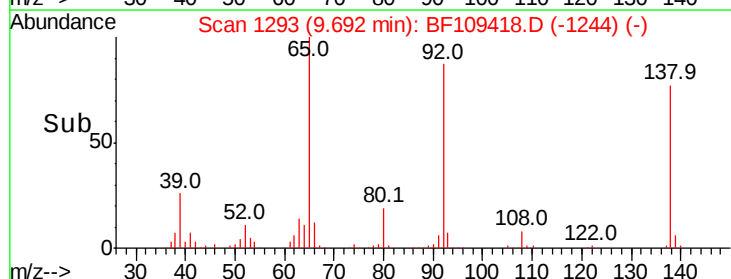
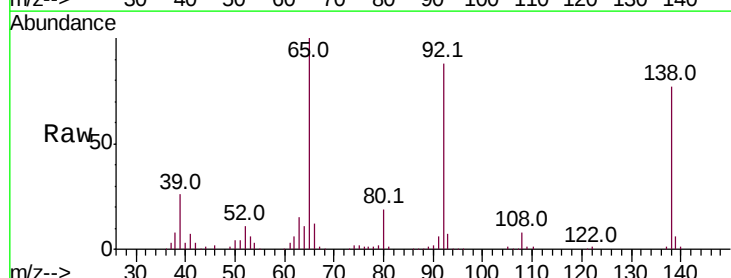
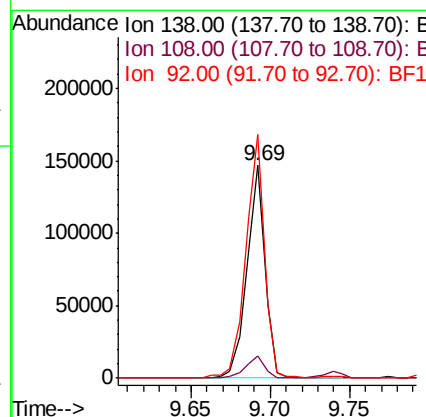
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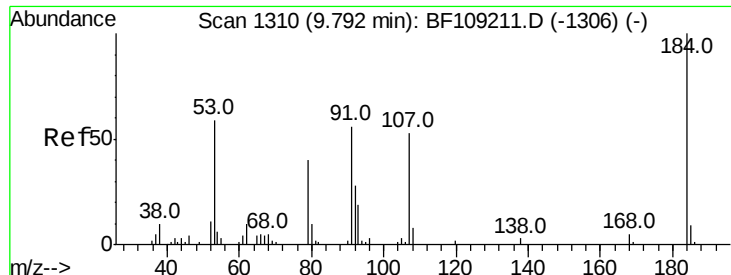
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#52
3-Nitroaniline
Concen: 35.803 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	114.6	89.4	134.2





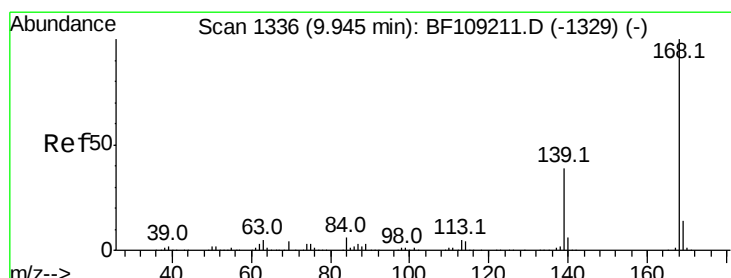
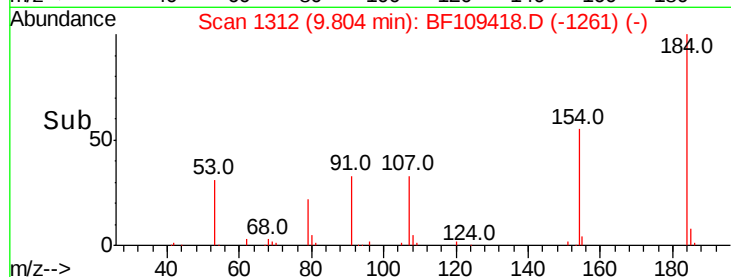
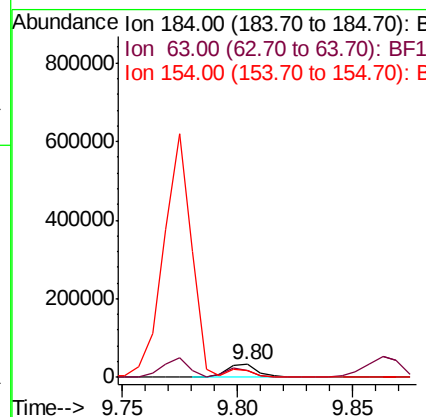
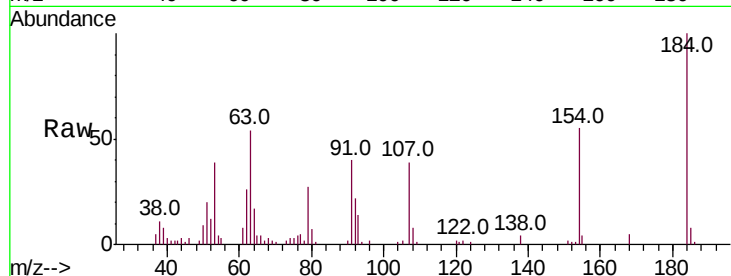
#53
 2,4-Dinitrophenol
 Concen: 36.260 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.6	54.2	81.2#	
154	55.1	184.0	276.0#	

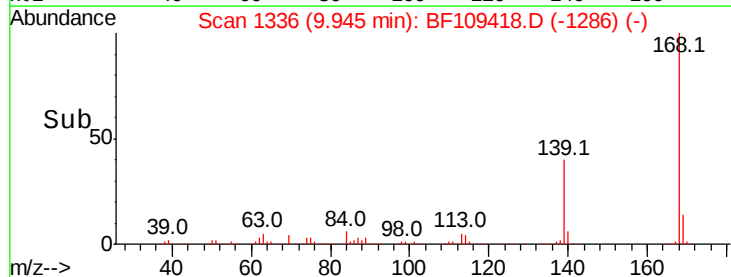
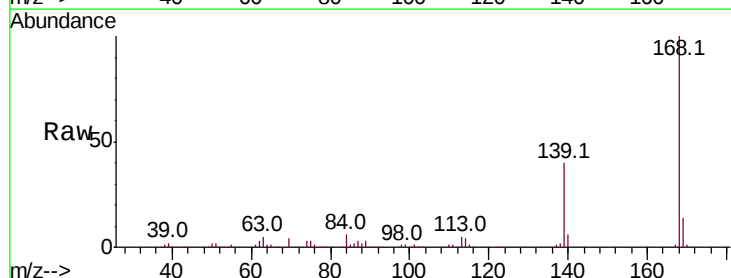
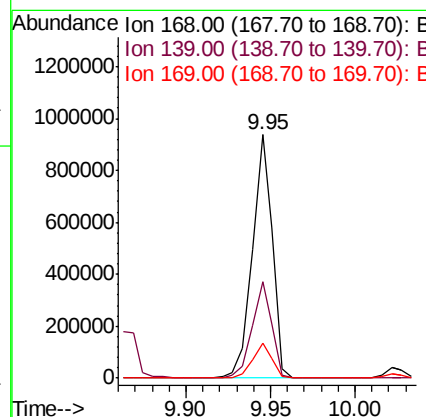
Manual Integrations
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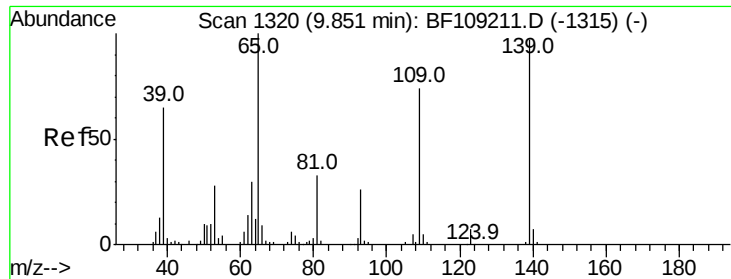
Sohil
 9/28/2018 2:40:36 PM



#54
 Dibenzofuran
 Concen: 45.151 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.7	30.1	45.1	
169	14.1	10.9	16.3	





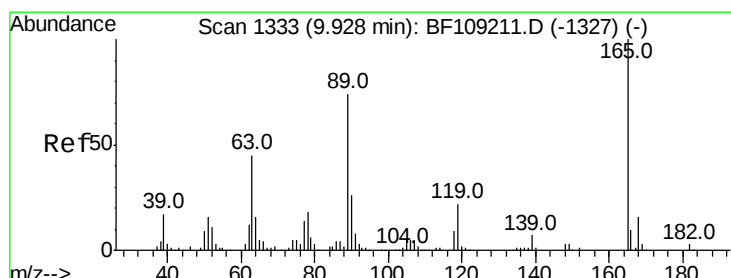
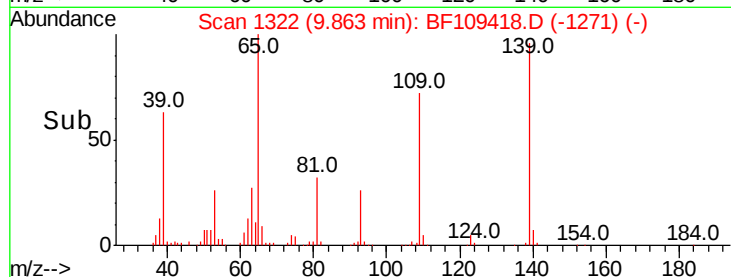
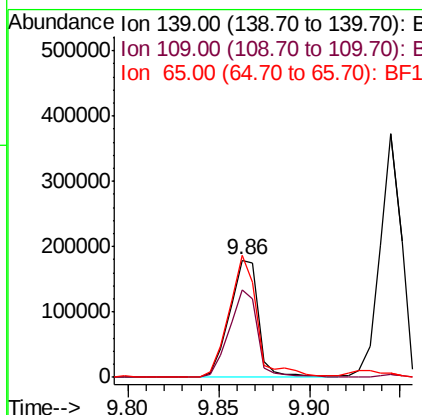
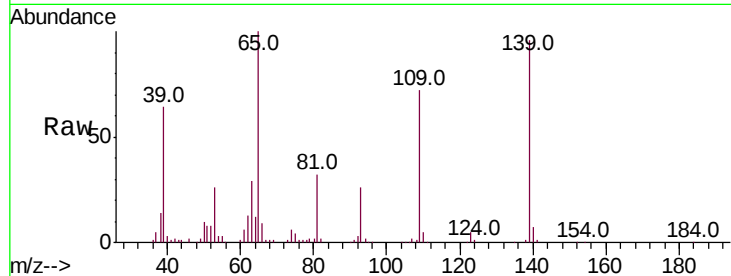
#55
4-Nitrophenol
Concen: 81.780 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampled :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	200019		
109	74.7	48.4	88.4	
65	103.9	72.6	112.6	

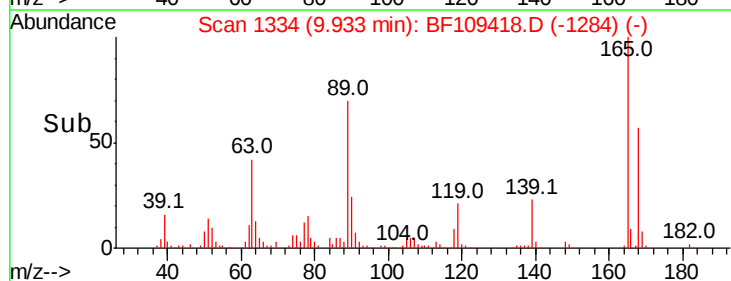
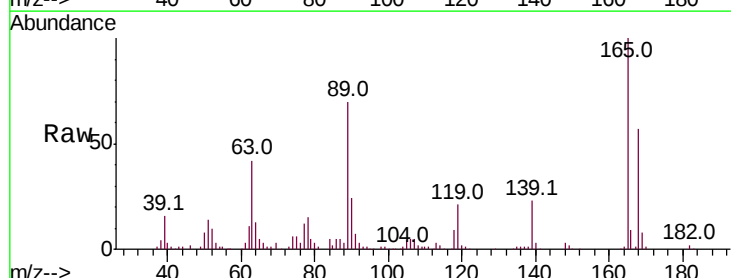
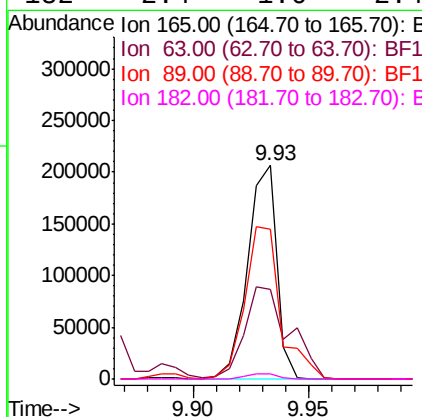
Manual Integrations
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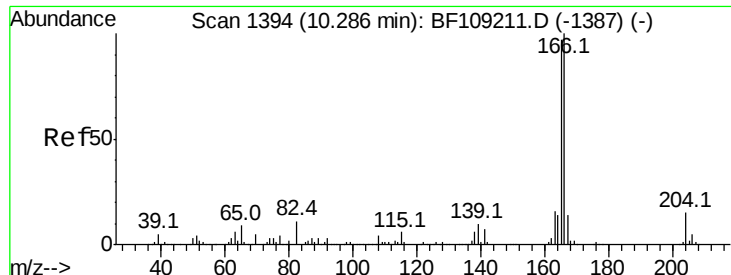
Sohil
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#56
2,4-Dinitrotoluene
Concen: 51.716 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183455		
63	42.0	36.4	54.6	
89	69.8	57.8	86.6	
182	2.4	1.6	2.4#	





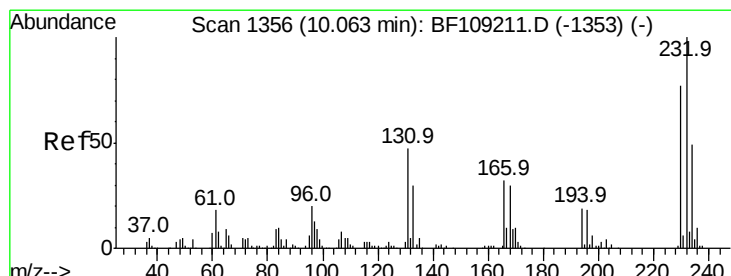
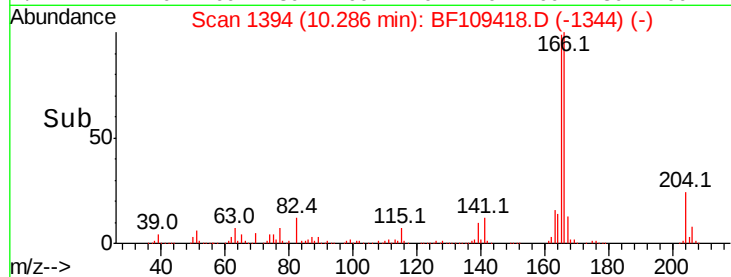
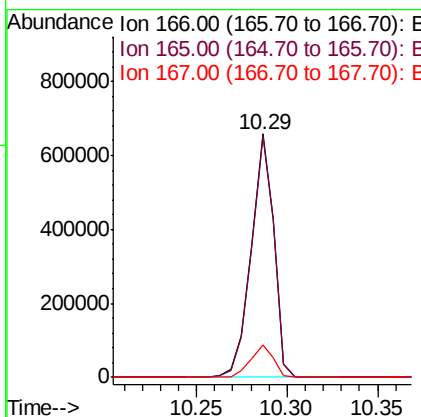
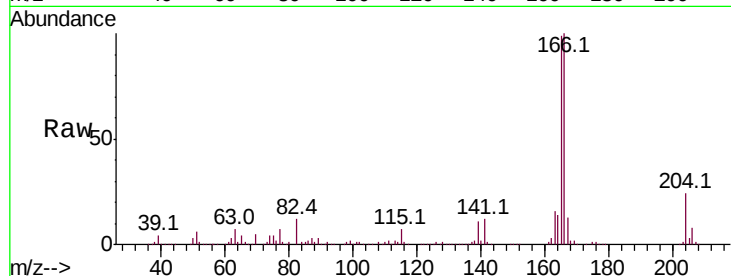
#57
Fluorene
 Concen: 46.433 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	79.8	119.8	
167	13.1	10.6	16.0	

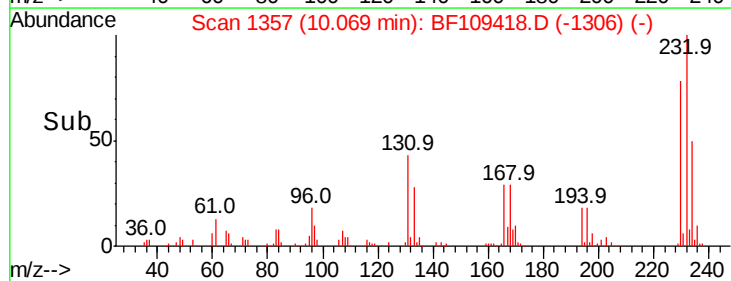
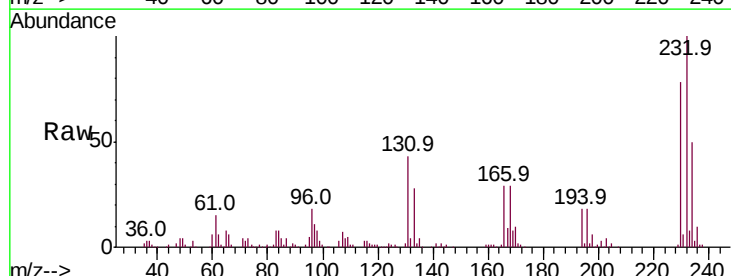
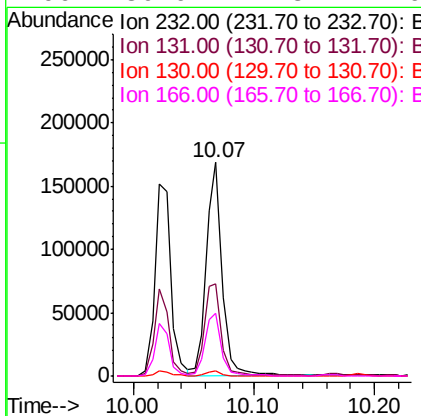
Manual Integrations
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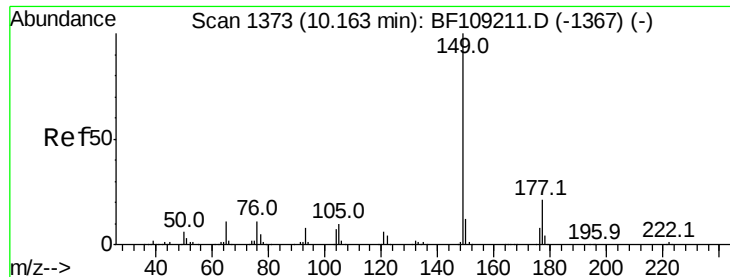
Sohil
 9/28/2018 2:40:36 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.941 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.7	43.8	65.8	
130	2.1	2.1	3.1	
166	30.9	27.8	41.6	





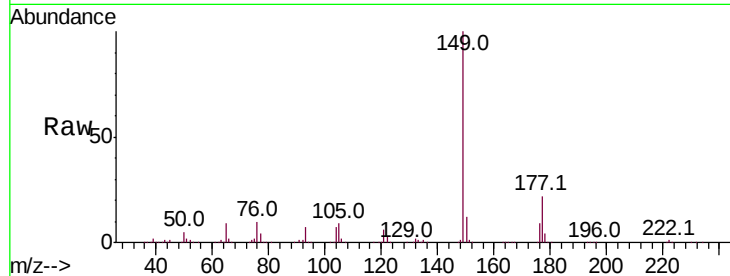
#59
Diethylphthalate
Concen: 47.906 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.4	10.1	15.1

Manual Integrations
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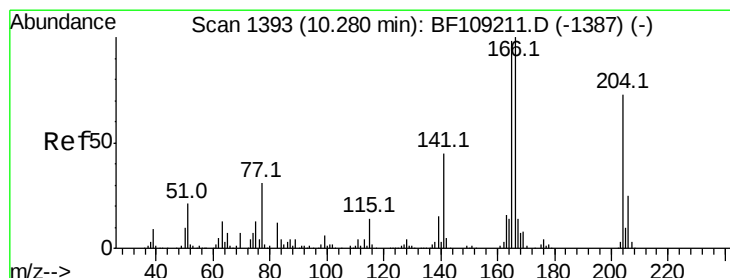
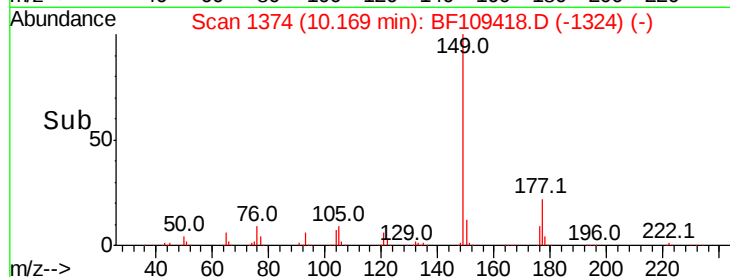
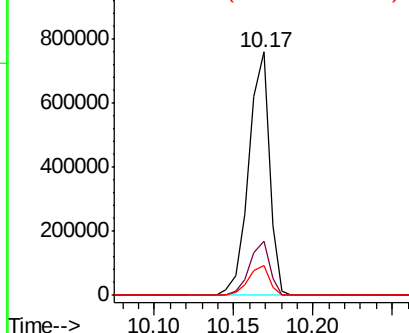


Abundance

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: 45.132 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

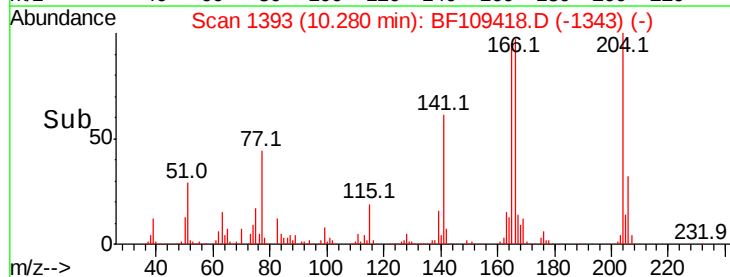
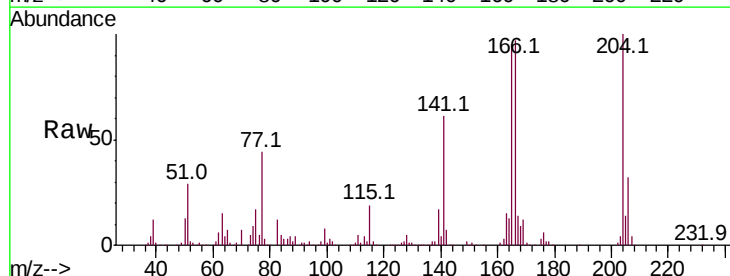
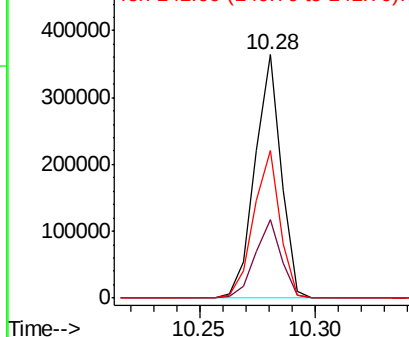
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	60.8	54.6	81.8

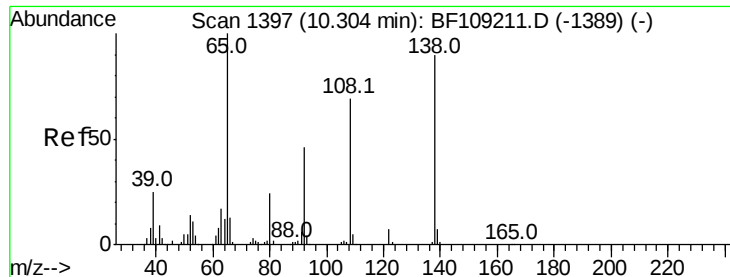
Abundance

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





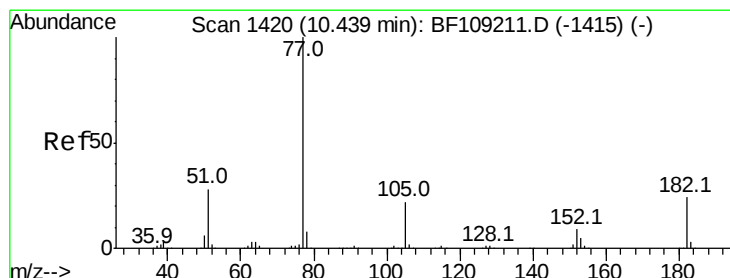
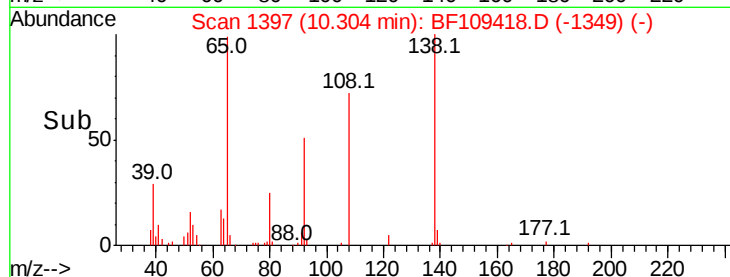
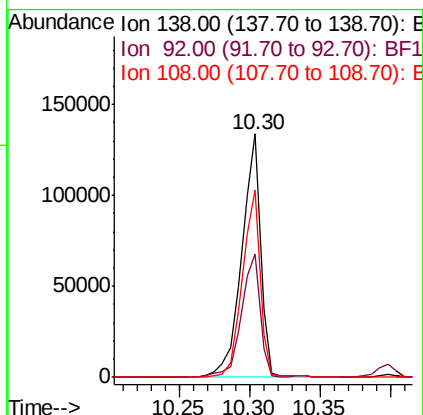
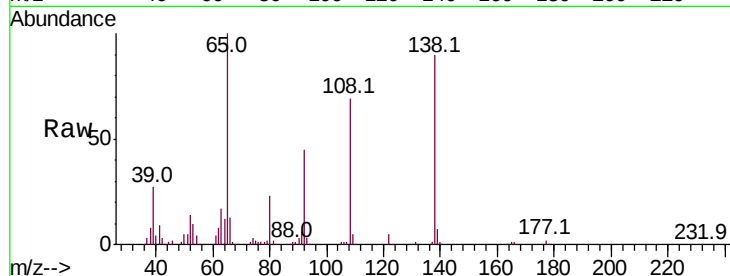
#61
4-Nitroaniline
Concen: 39.478 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	76.8	52.5	92.5

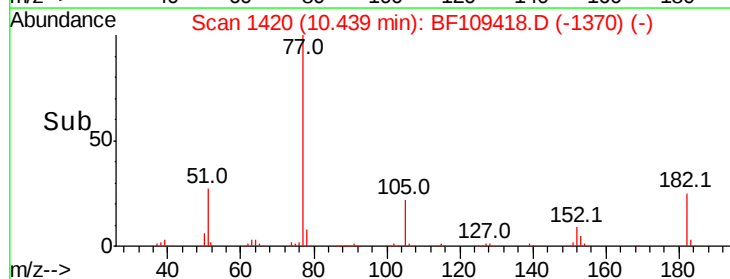
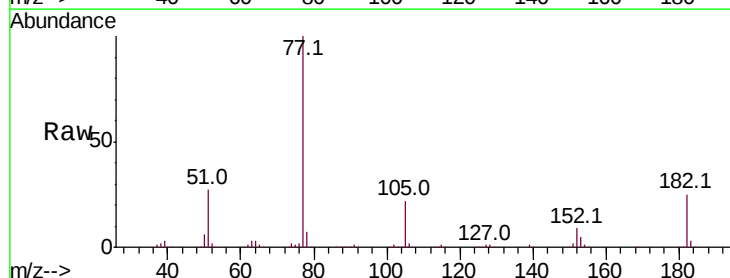
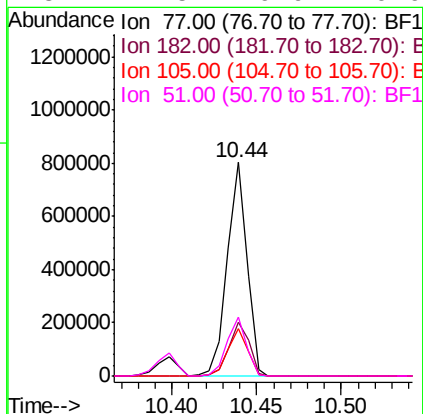
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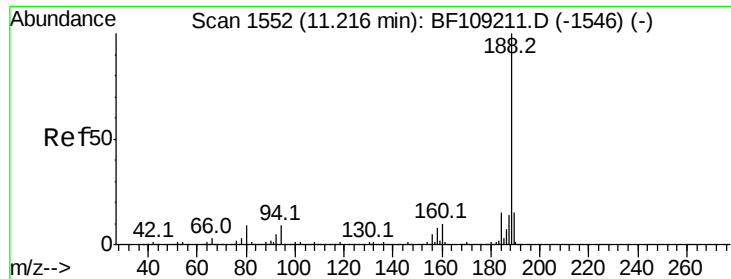
Sohil
9/28/2018 2:40:36 PM



#62
Azobenzene
Concen: 43.615 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	1.7	41.7
105	21.9	3.0	43.0
51	27.5	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: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

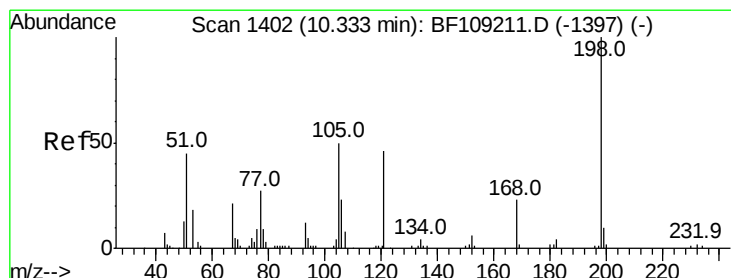
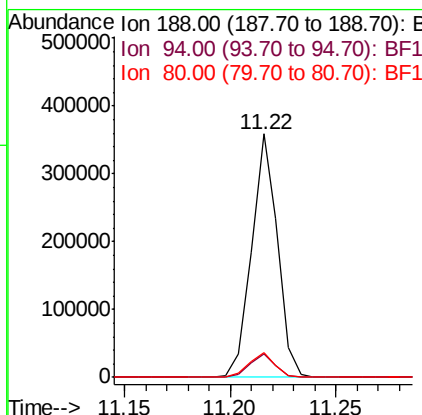
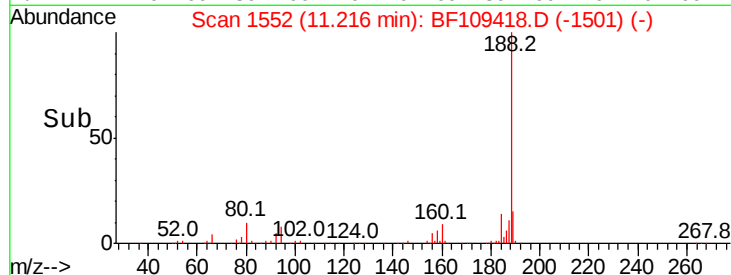
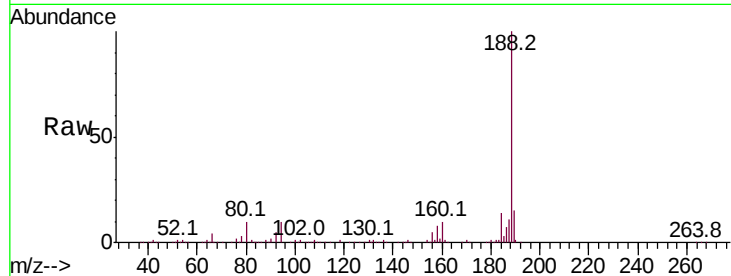
ClientSampleId :

PB113249BS

Tot Ion:	188	Resp:	304506
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 24.687 ng

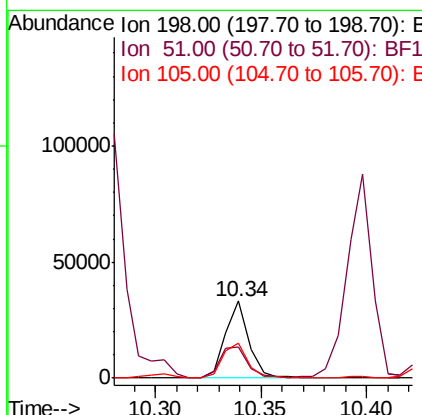
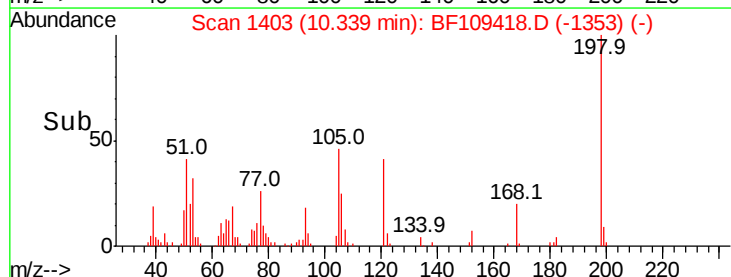
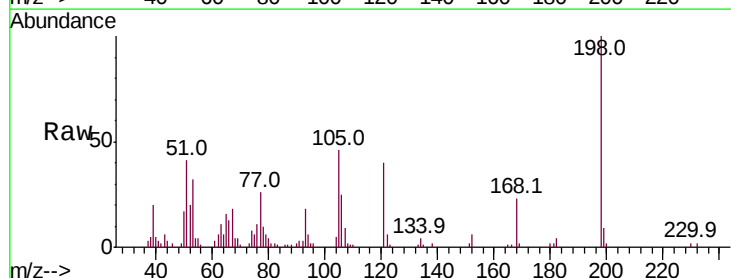
RT: 10.34 min Scan# 1403

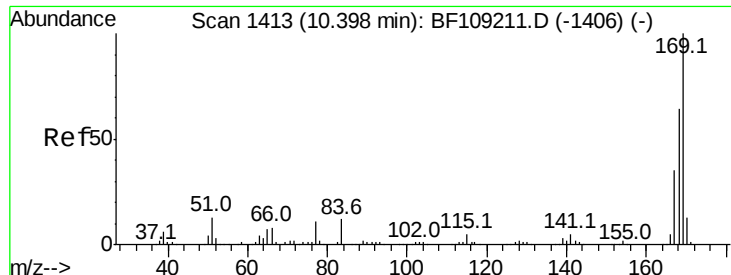
Delta R.T. -0.01 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Tgt Ion:	198	Resp:	25622
Ion Ratio	Lower	Upper	
198	100		
51	40.7	37.7	77.7
105	45.7	36.3	76.3





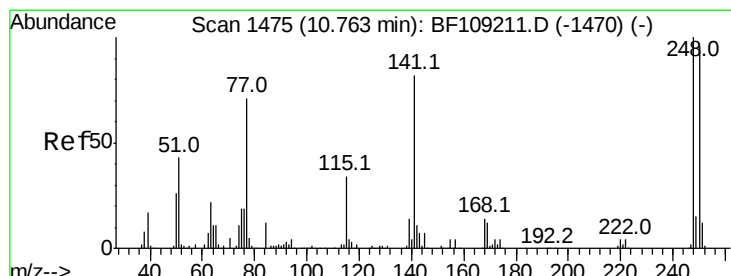
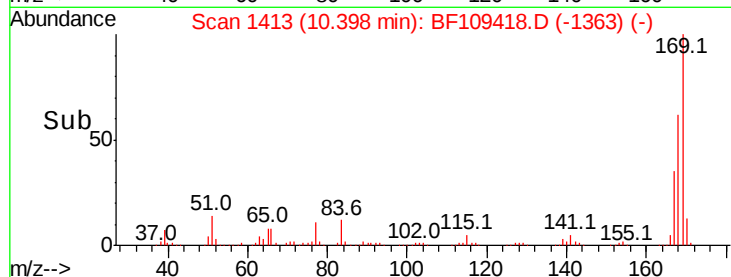
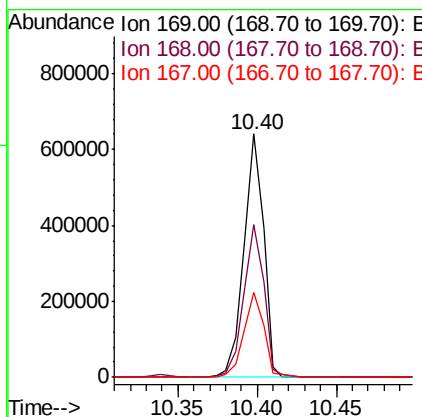
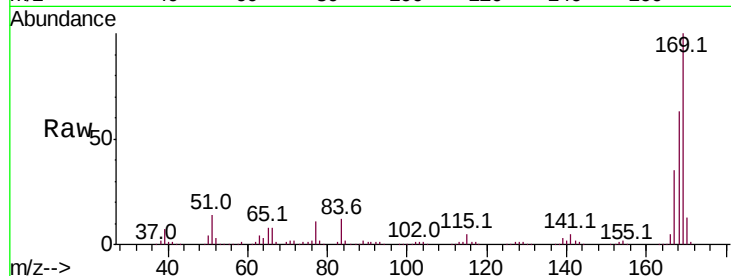
#65
n-Nitrosodiphenylamine
Concen: 54.844 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	551772		
168	62.6		54.4	81.6
167	35.0		29.8	44.6

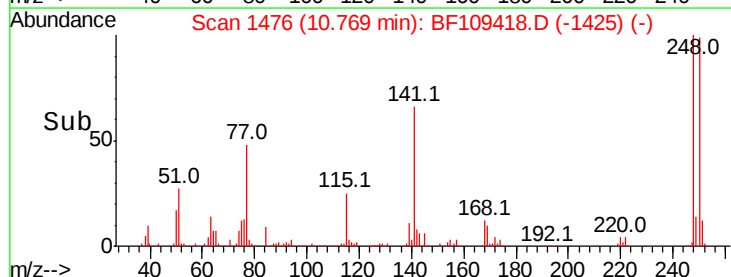
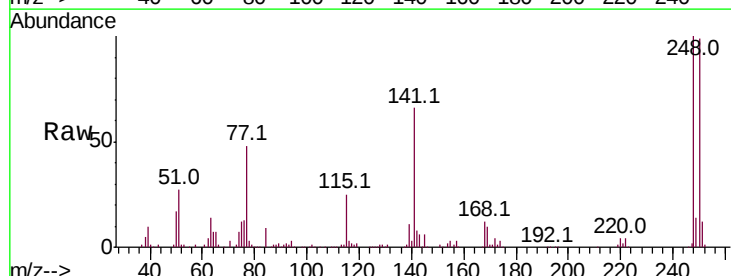
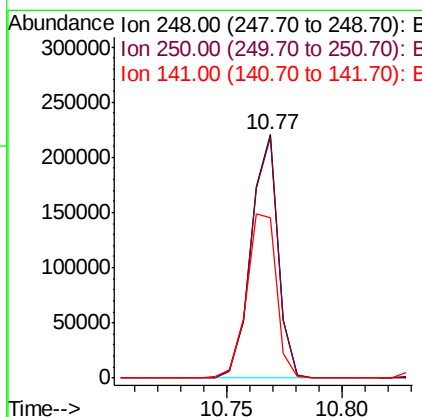
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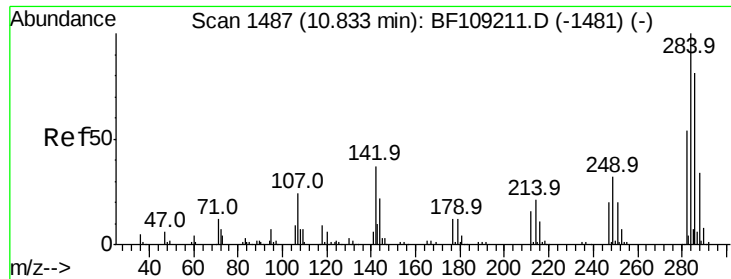
Sohil
9/28/2018 2:40:36 PM



#66
4-Bromophenyl-phenylether
Concen: 53.096 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	179541		
250	99.0		76.9	115.3
141	65.8		74.4	111.6#





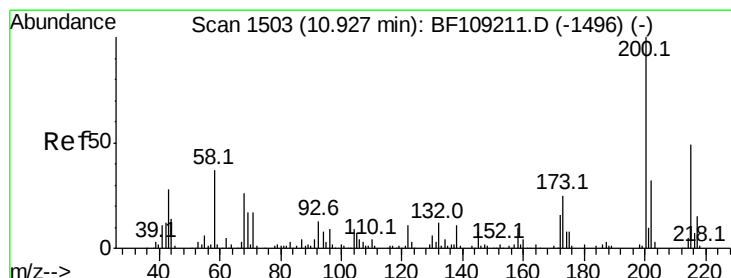
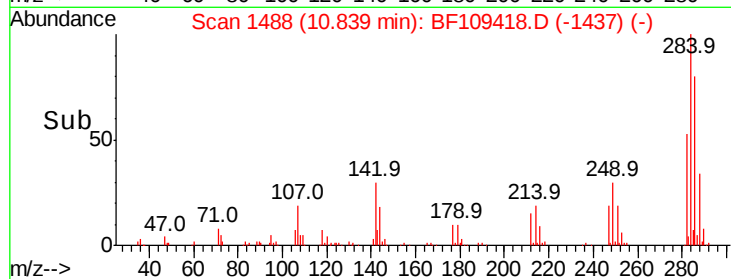
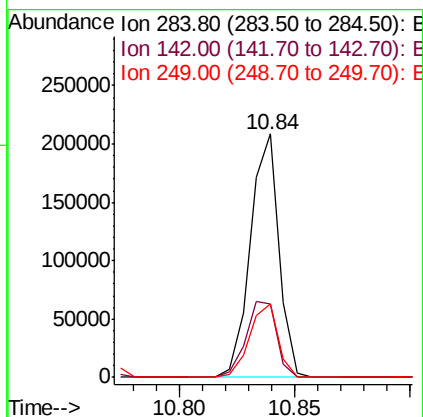
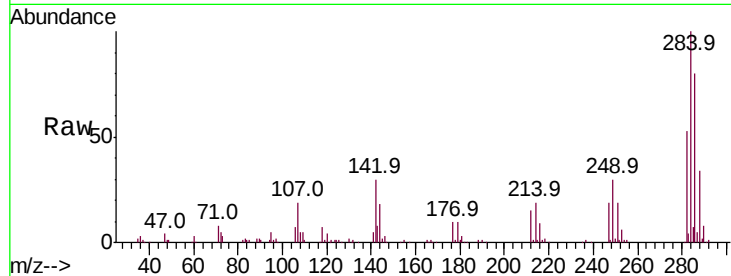
#67
Hexachlorobenzene
Concen: 50.221 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampled :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.0	34.6	52.0#	
249	30.4	24.8	37.2	

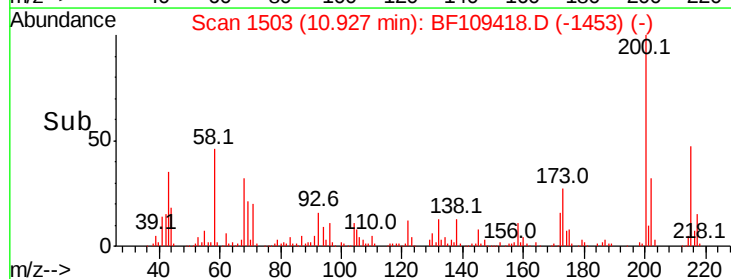
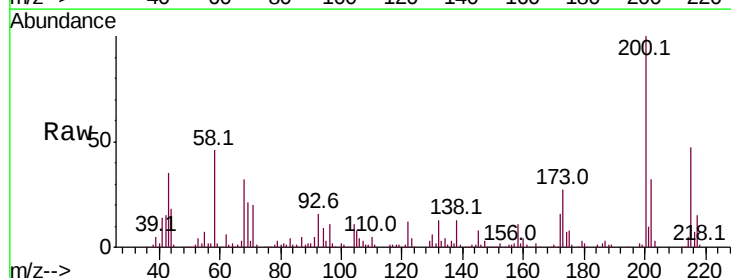
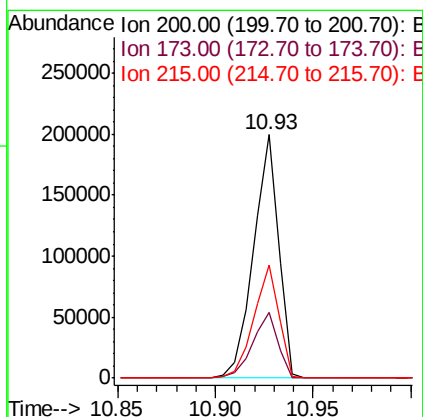
Manual Integrations
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9/28/2018 2:40:36 PM



#68
Atrazine
Concen: 57.401 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	8.6	48.6	
215	46.7	25.1	65.1	





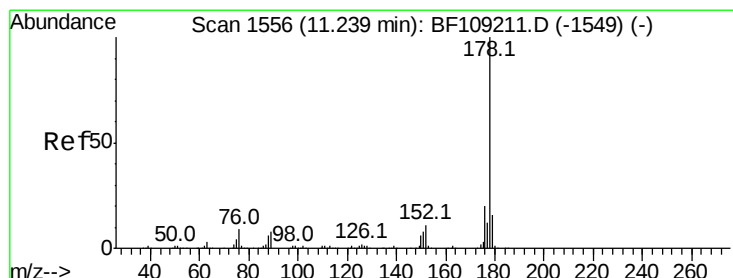
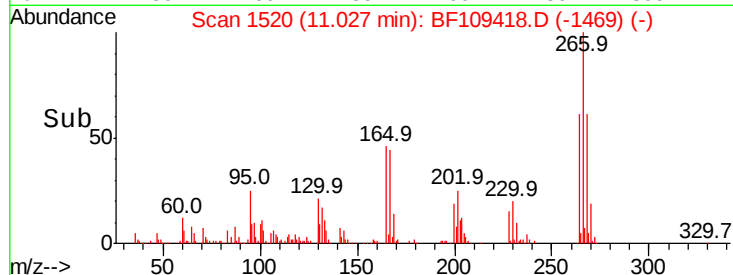
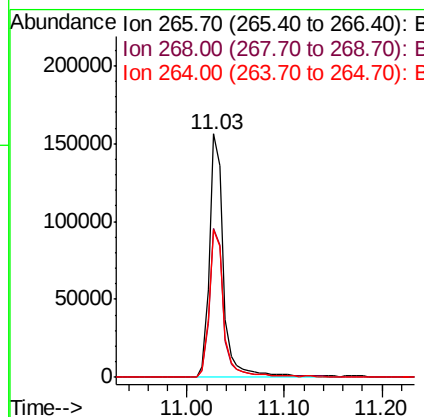
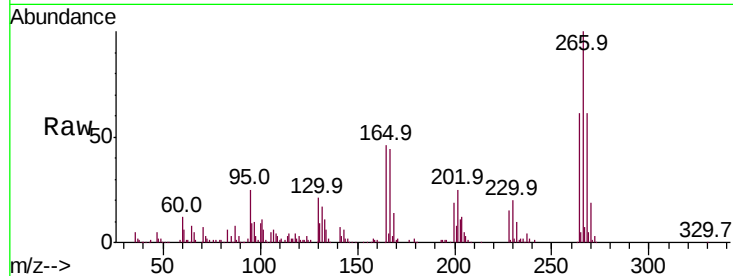
#69
 Pentachlorophenol
 Concen: 73.754 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	158528		
268	61.0		51.1	76.7
264	60.5		49.5	74.3

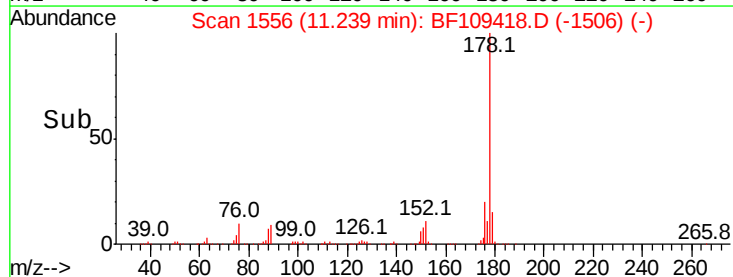
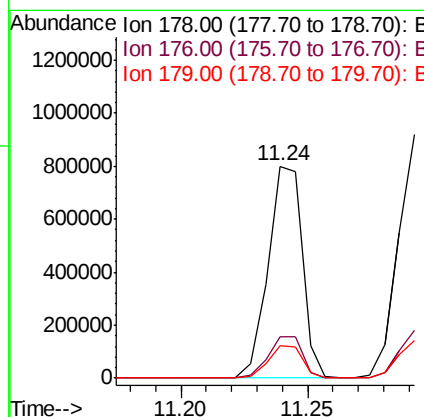
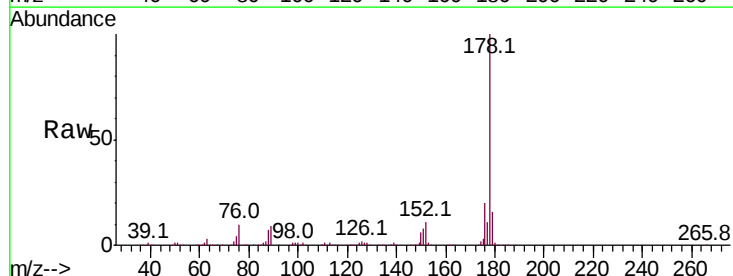
Manual Integrations
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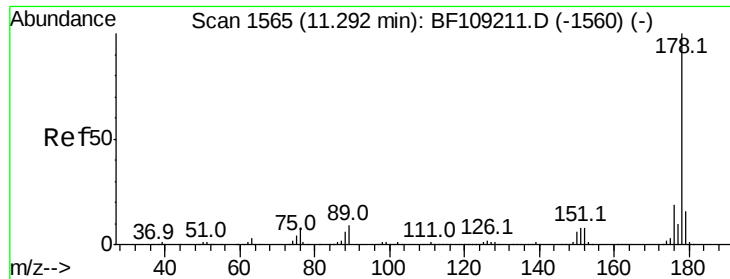
Sohil
 9/28/2018 2:40:36 PM



#70
 Phenanthrene
 Concen: 49.210 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	748186		
176	19.8		15.8	23.8
179	15.6		13.0	19.6





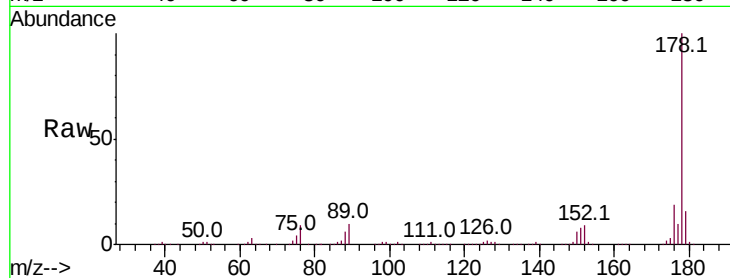
#71
 Anthracene
 Concen: 49.744 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	767099		
176	19.5		15.4	23.2
179	15.6		12.6	19.0

Manual Integrations
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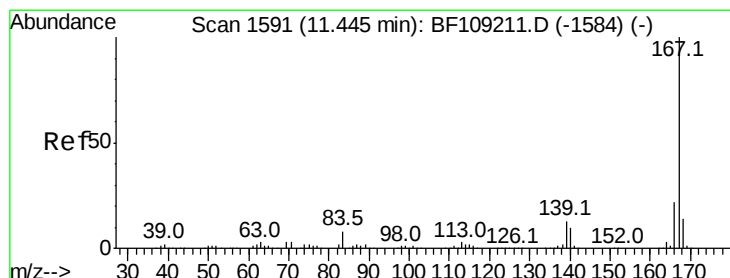
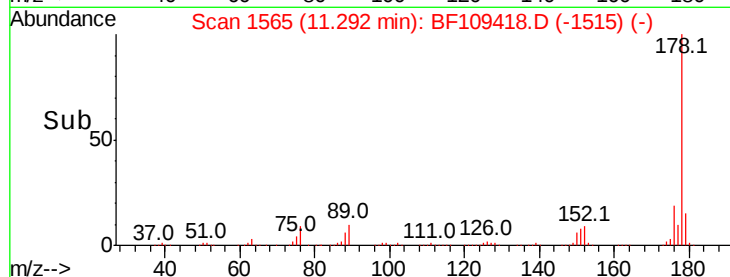
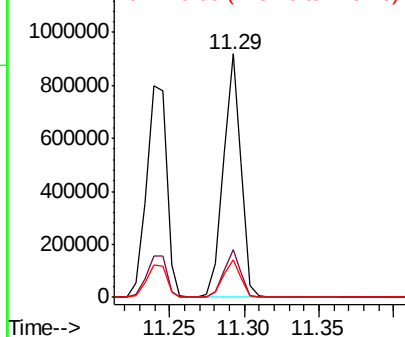


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 42.991 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

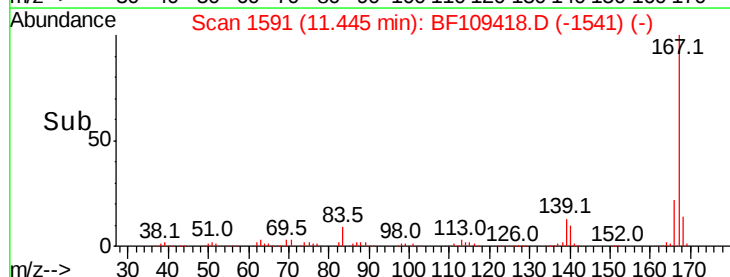
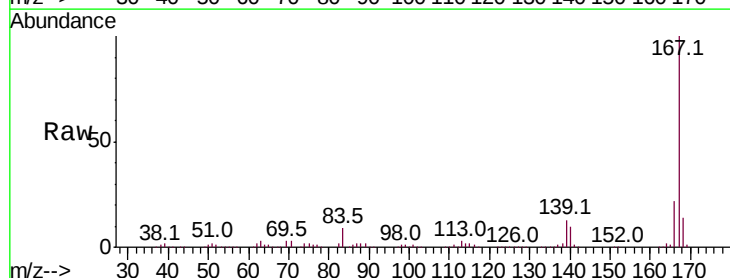
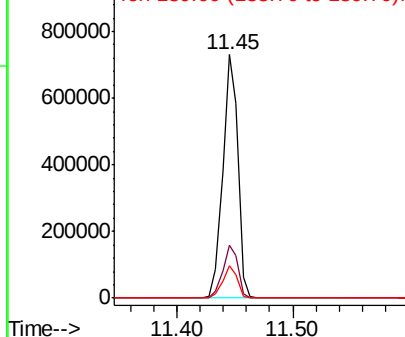
Tgt Ion	Ratio	Resp	Lower	Upper
167	100	659616		
166	21.9		17.6	26.4
139	13.4		10.9	16.3

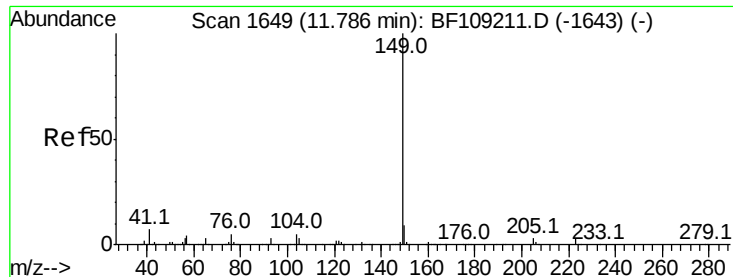
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





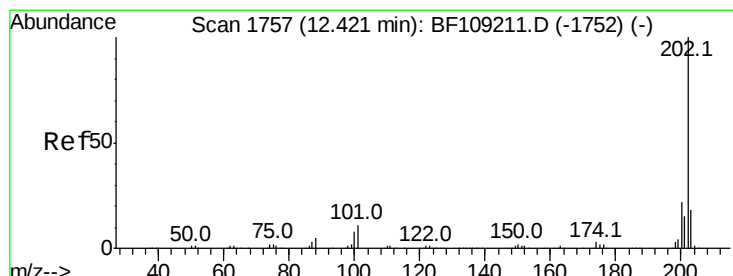
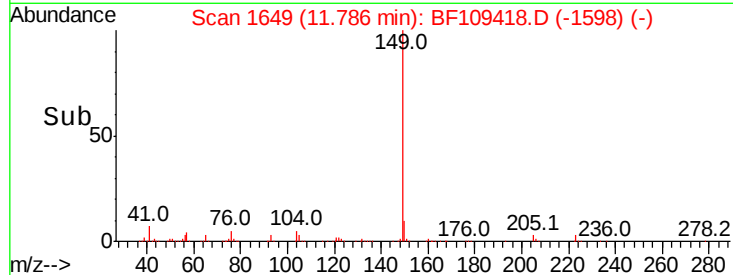
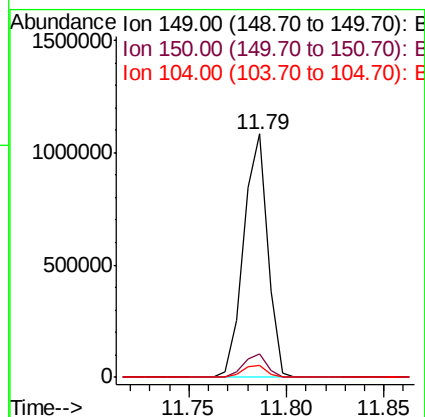
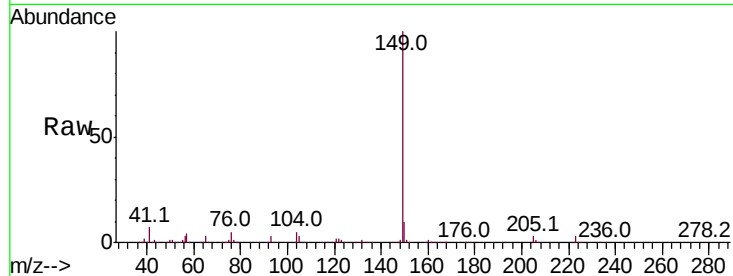
#73
Di-n-butylphthalate
Concen: 52.272 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion:	149	Resp:	923286
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

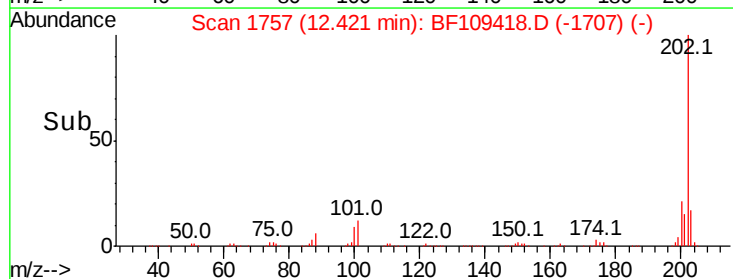
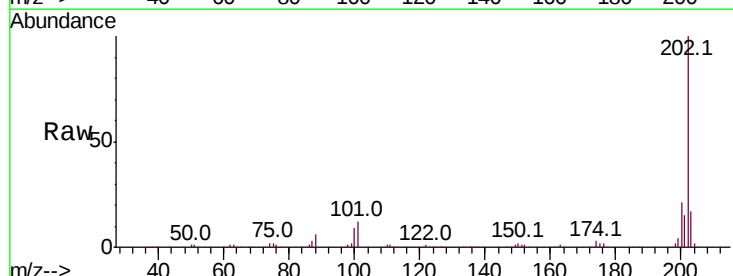
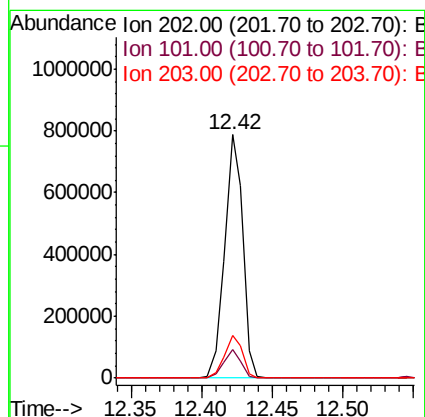
Manual Integrations
APPROVED

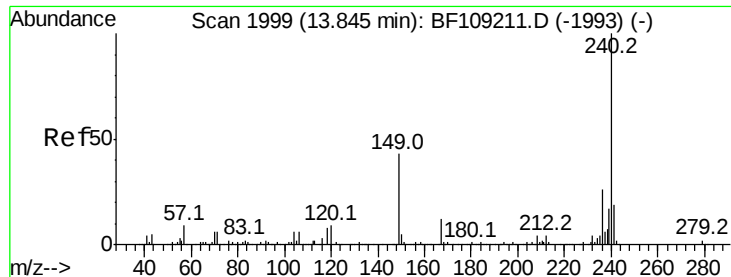
Sohil
9/28/2018 2:40:36 PM



#74
Fluoranthene
Concen: 43.145 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion:	202	Resp:	701019
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	17.3	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: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

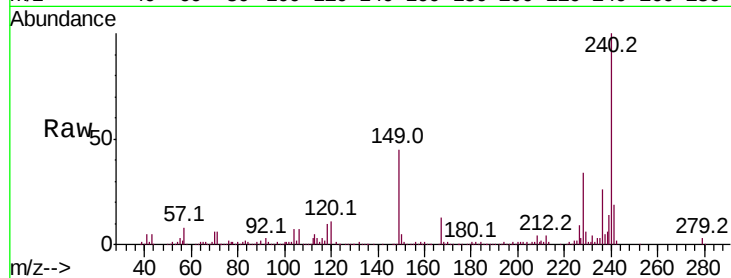
ClientSampleId :

PB113249BS

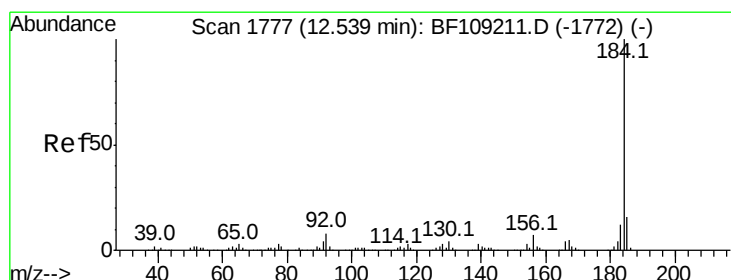
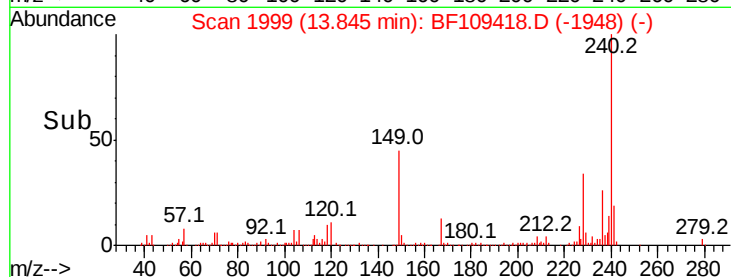
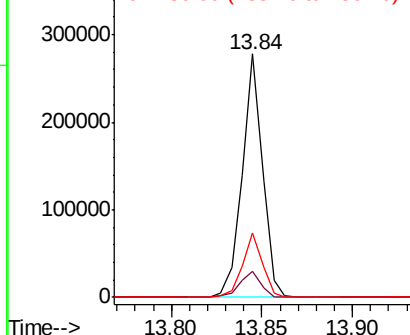
Tot Ion:	240	Resp:	216019
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	26.3	20.7	31.1

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



#76

Benzidine

Concen: 64.814 ng

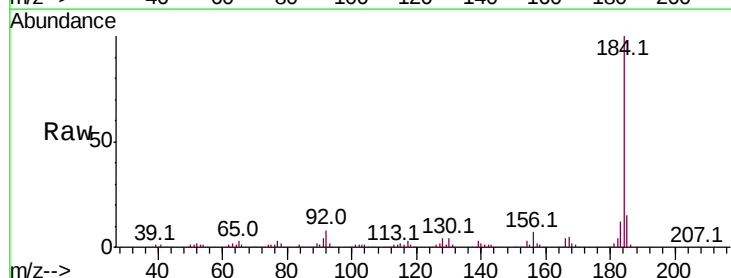
RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

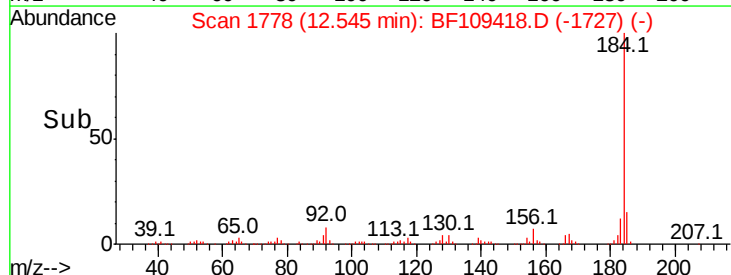
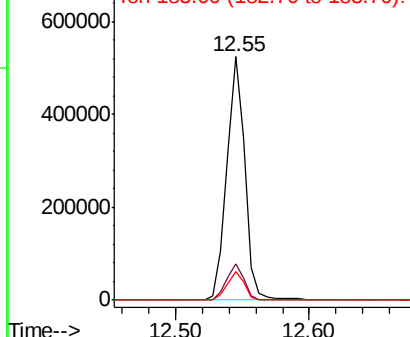
Lab File: BF109418.D

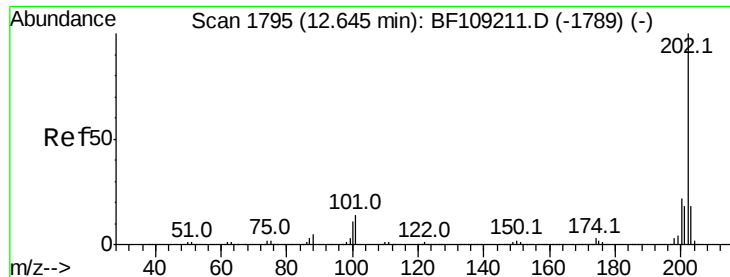
Acq: 28 Sep 2018 6:37

Tgt Ion:	184	Resp:	504803
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	11.9	9.3	13.9



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





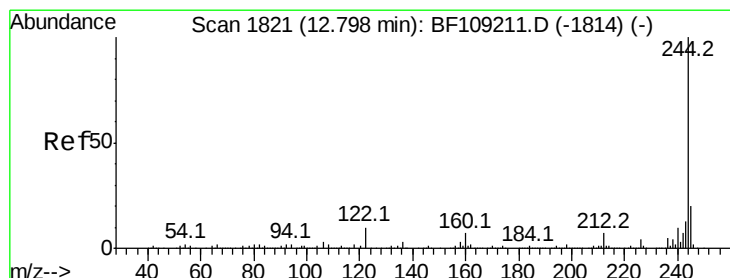
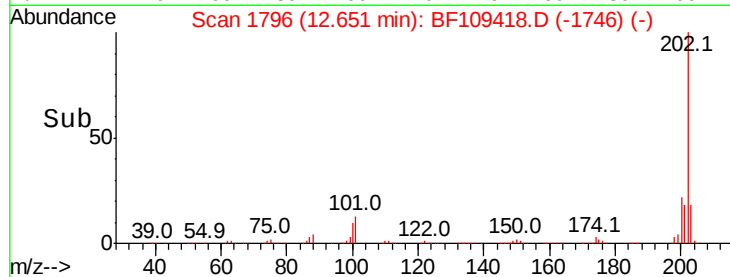
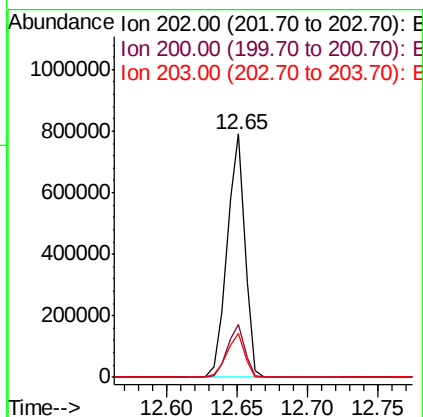
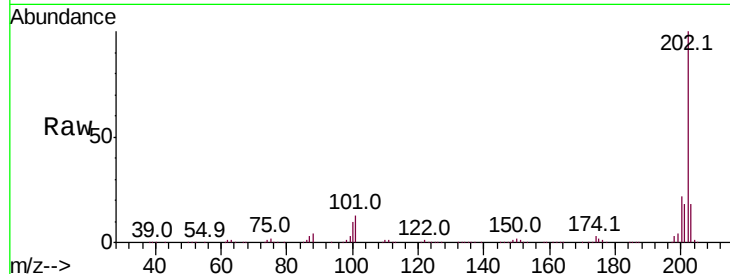
#77
Pvrene
Concen: 44.614 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampled :
PB113249BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.9	14.3	21.5

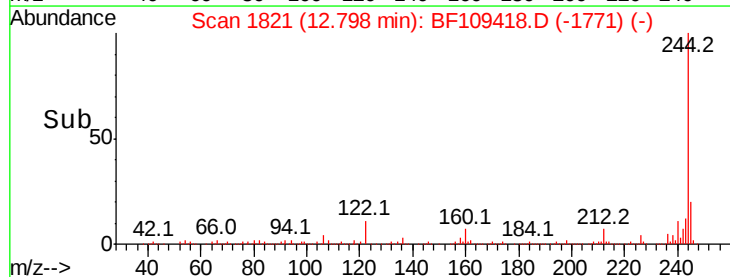
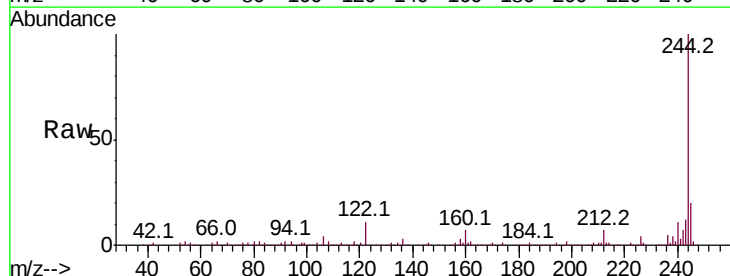
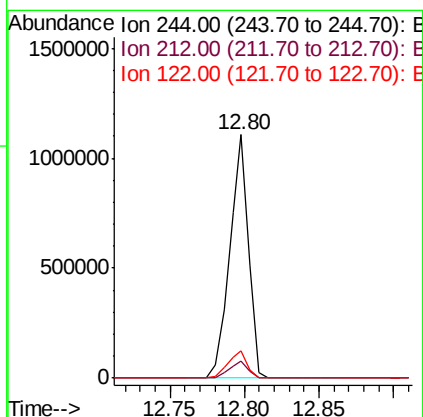
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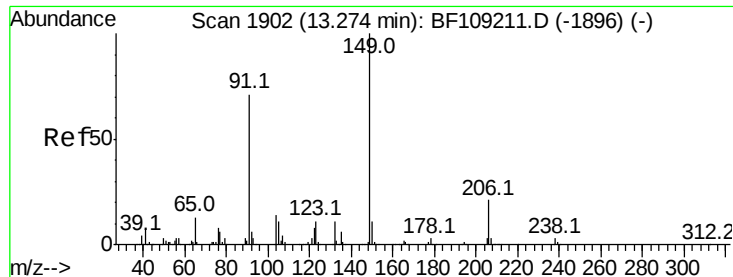
Sohil
9/28/2018 2:40:36 PM



#78
Terphenyl-d14
Concen: 111.861 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.3	11.0	16.4





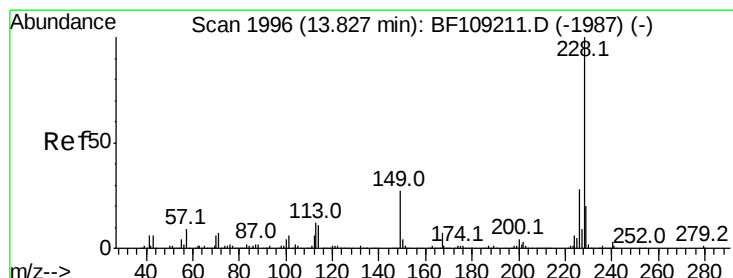
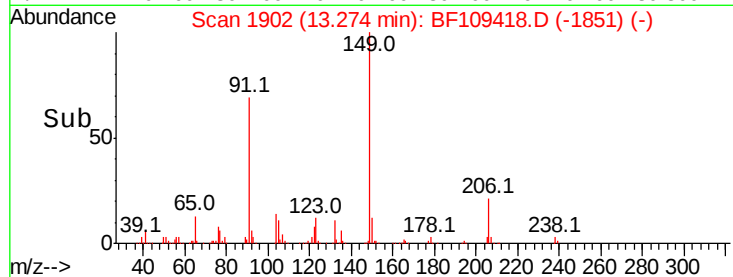
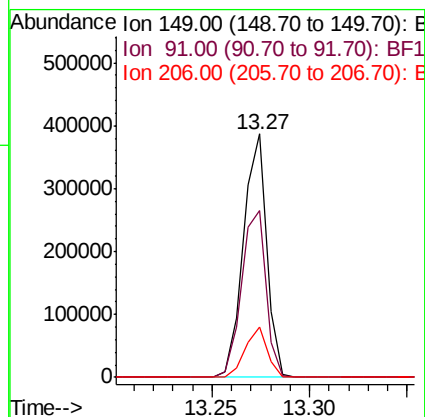
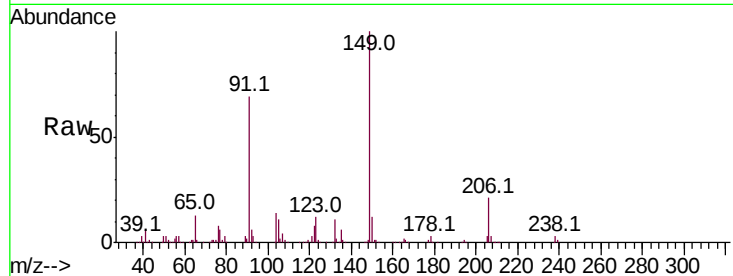
#79
Butylbenzylphthalate
Concen: 48.647 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	320415		
91	68.6	56.8	85.2	
206	20.8	14.1	21.1	

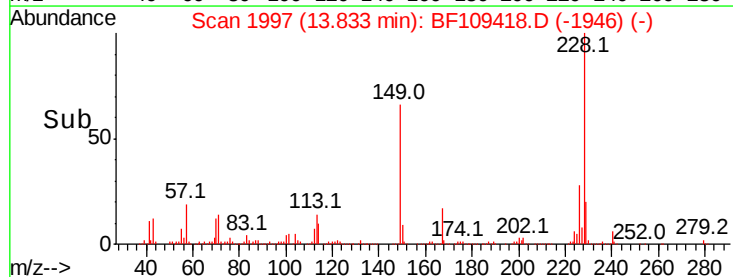
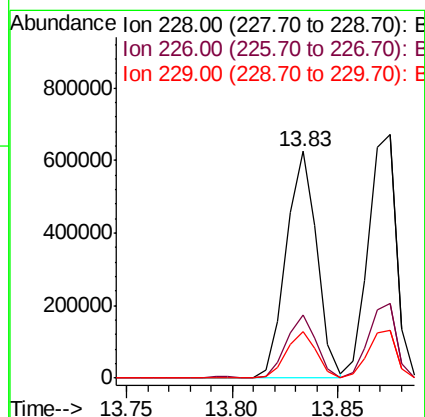
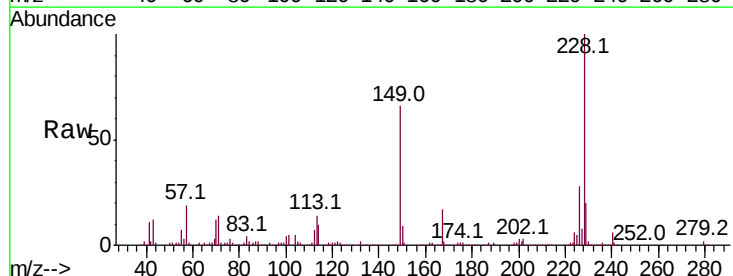
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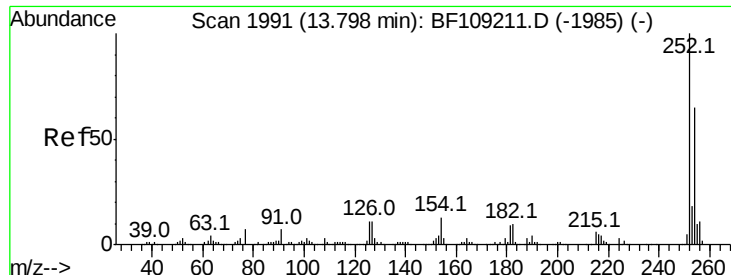
Sohil
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#80
Benzo(a)anthracene
Concen: 48.521 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	631333		
226	27.7	22.6	33.8	
229	20.3	15.8	23.6	





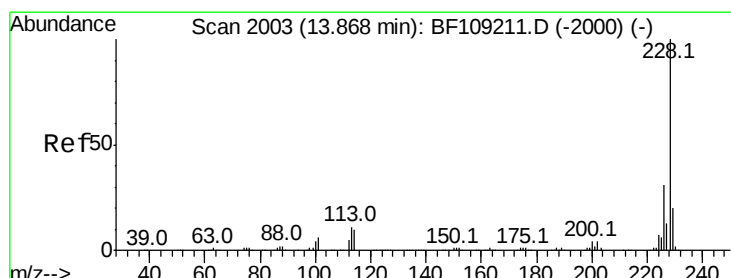
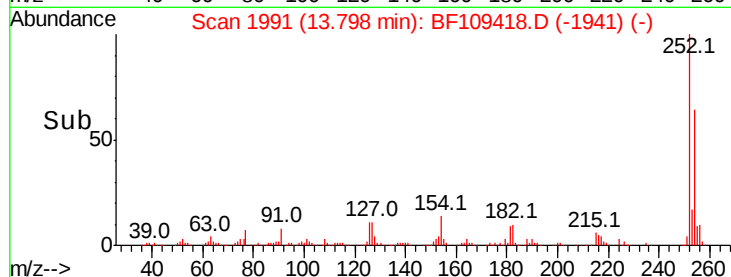
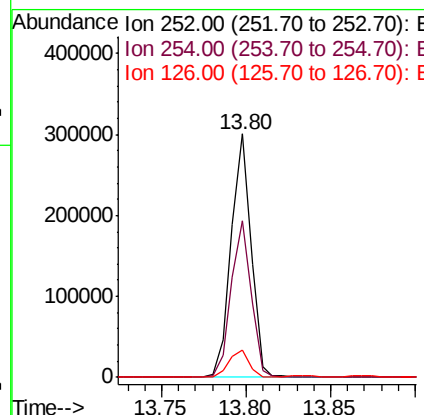
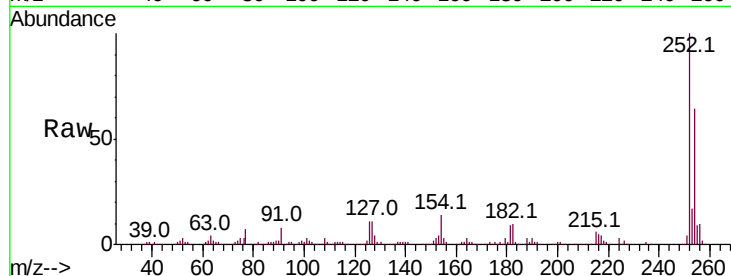
#81
 3,3'-Dichlorobenzidine
 Concen: 49.946 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	50.4	75.6
126	11.0	11.3	16.9

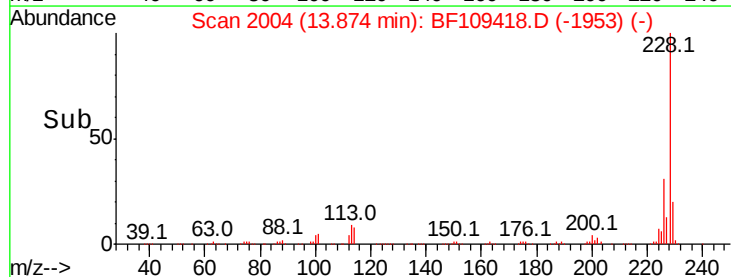
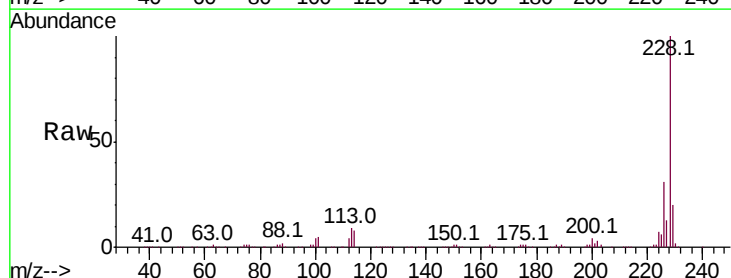
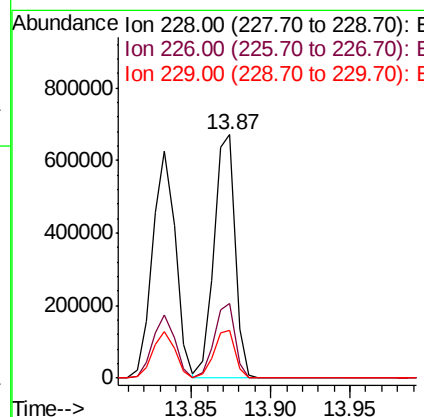
Manual Integrations
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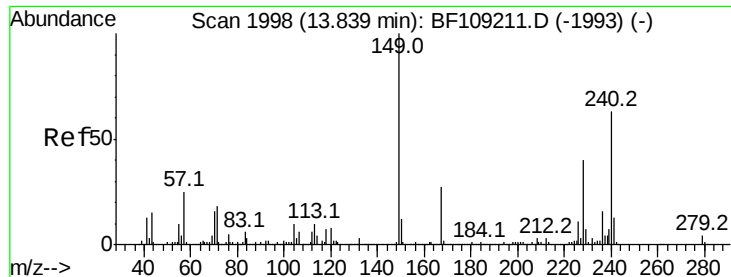
Sohil
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#82
 Chrysene
 Concen: 48.639 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.112 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109418.D

Acq: 28 Sep 2018 6:37

Instrument :

BNA_F

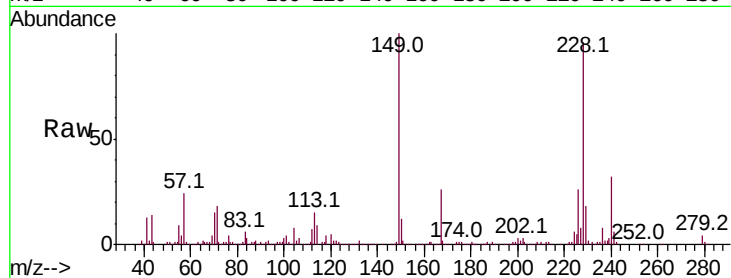
ClientSampleId :

PB113249BS

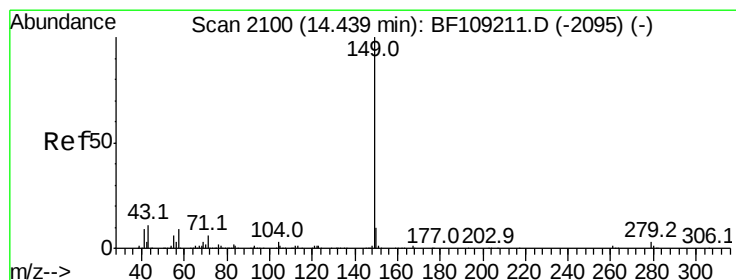
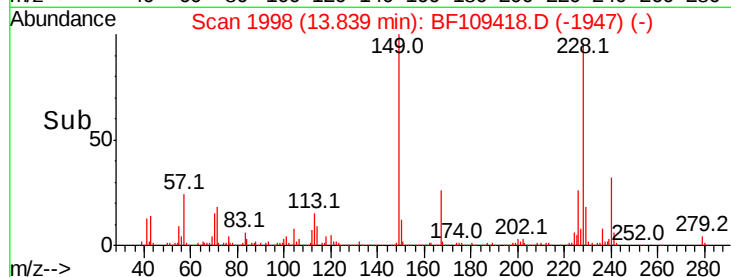
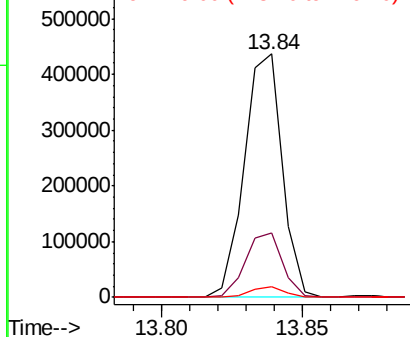
Tot Ion:	149	Resp:	407958
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	4.2	3.0	4.4

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.226 ng

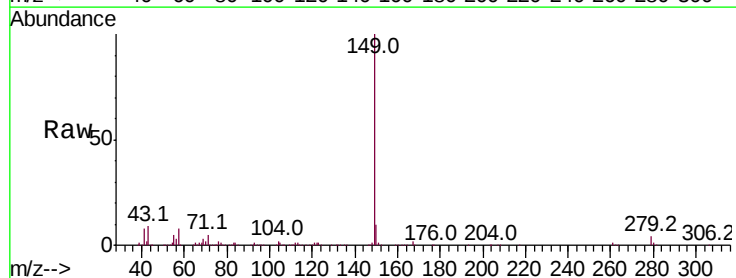
RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

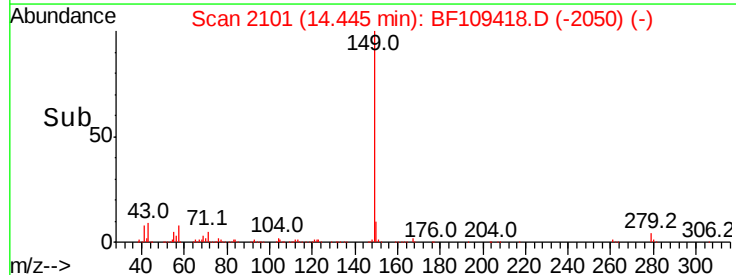
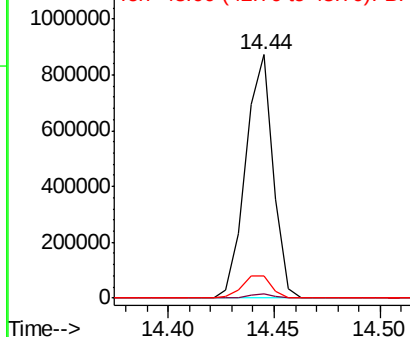
Lab File: BF109418.D

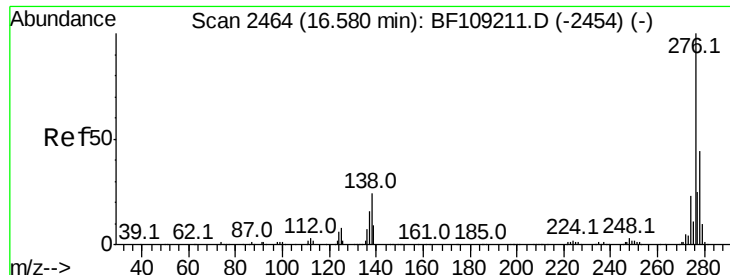
Acq: 28 Sep 2018 6:37

Tgt Ion:	149	Resp:	784377
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	9.7	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





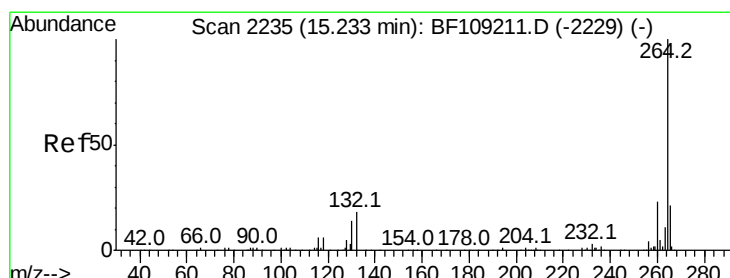
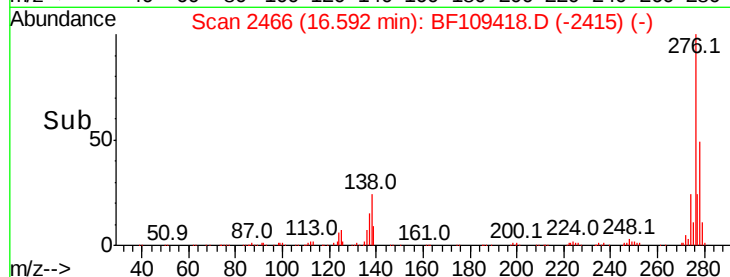
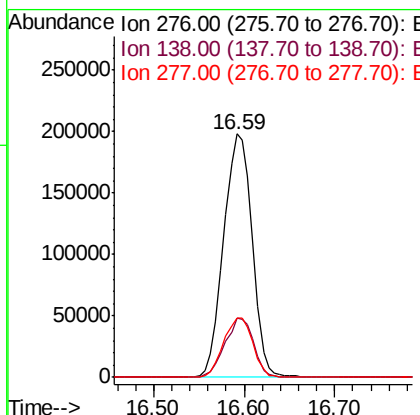
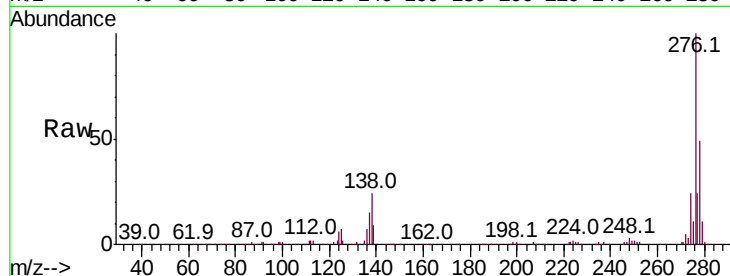
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.563 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	25.0	20.1	30.1

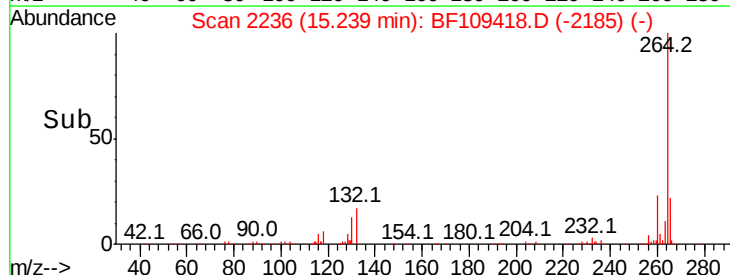
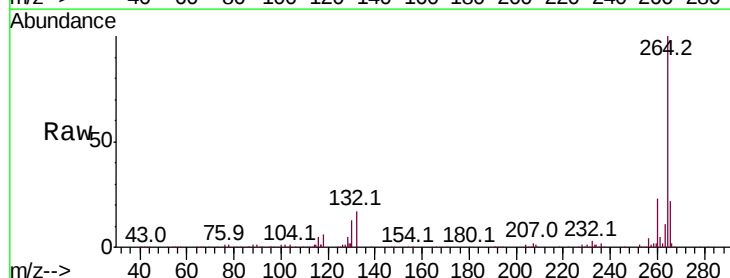
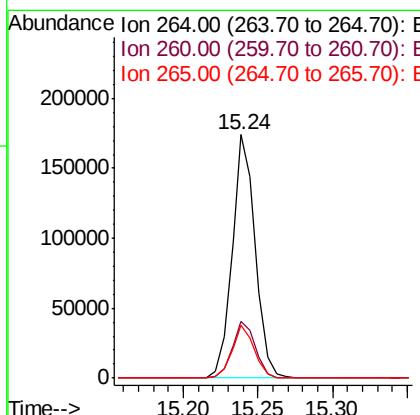
Manual Integrations
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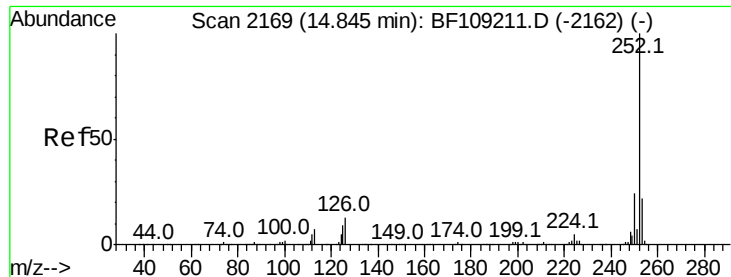
Sohil
 9/28/2018 2:40:36 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3





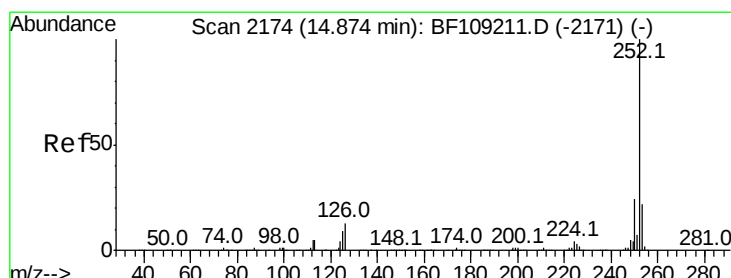
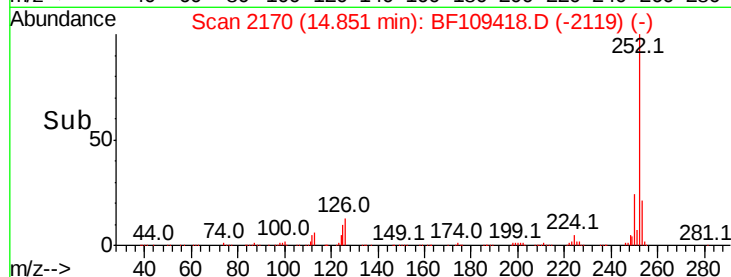
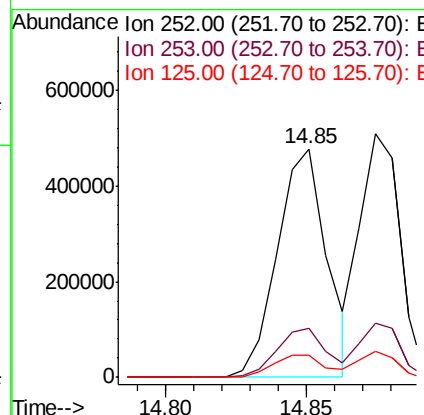
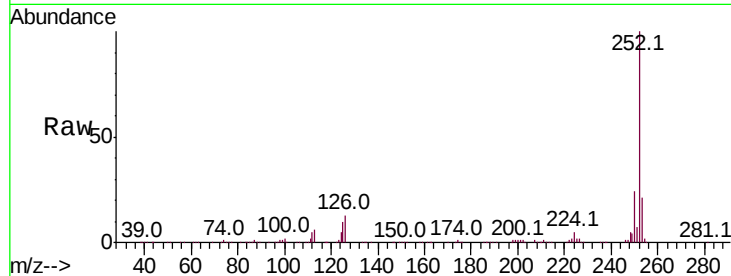
#87
Benzo(b)fluoranthene
Concen: 56.090 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	9.8	9.0	13.6

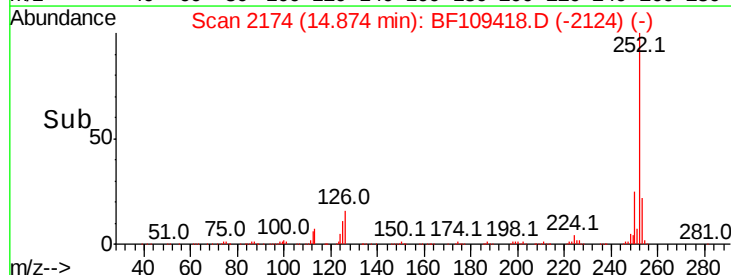
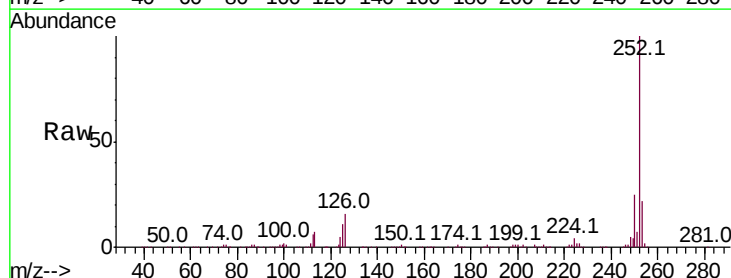
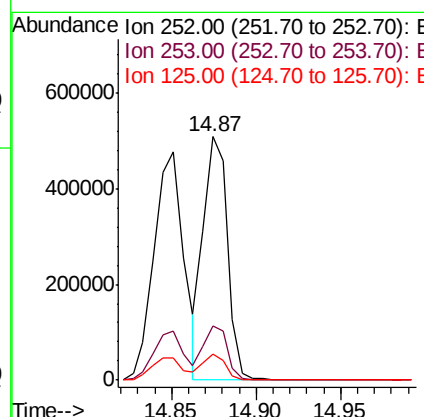
Manual Integrations
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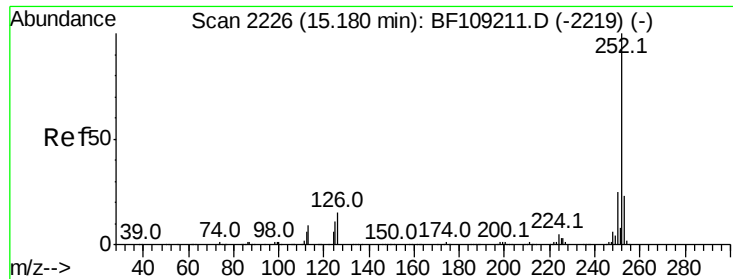
Sohil
9/28/2018 2:40:36 PM



#88
Benzo(k)fluoranthene
Concen: 51.325 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.9	10.2	15.2





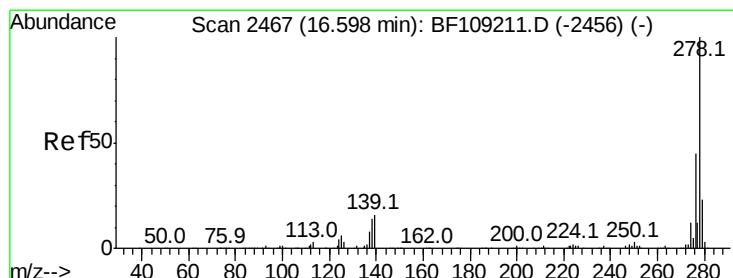
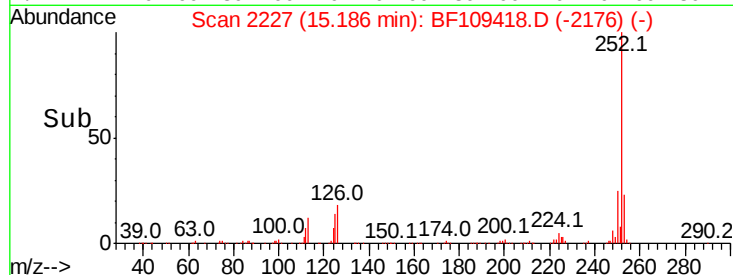
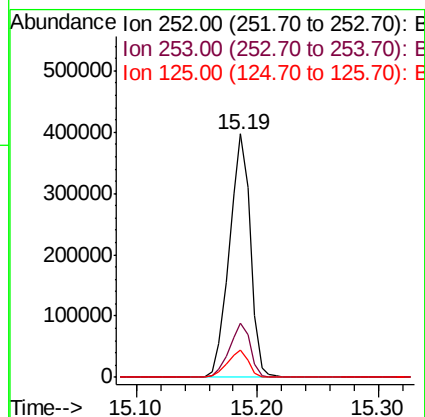
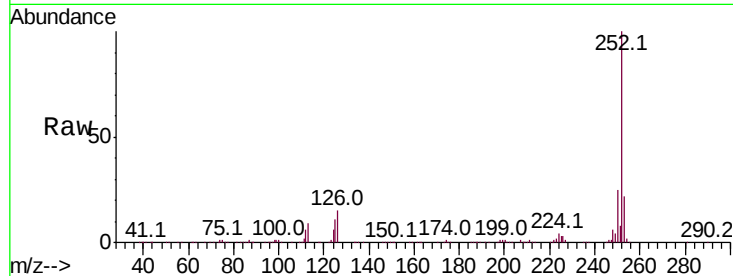
#89
Benzo(a)pyrene
Concen: 51.432 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Instrument :
BNA_F
ClientSampled :
PB113249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.4	9.8	14.6

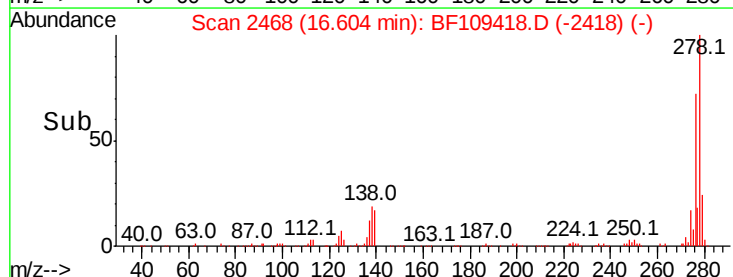
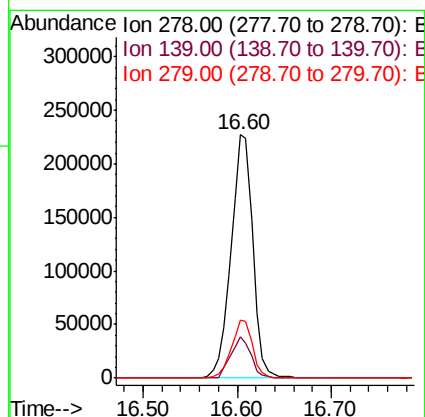
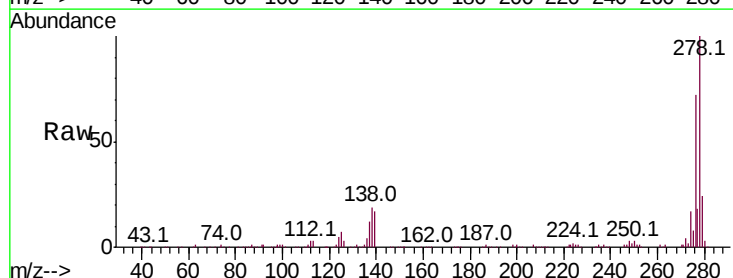
Manual Integrations
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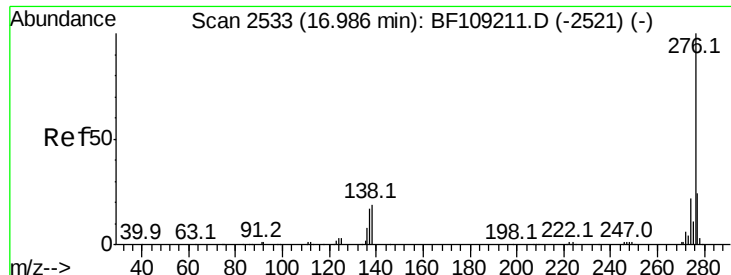
Sohil
9/28/2018 2:40:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.745 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF109418.D
Acq: 28 Sep 2018 6:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.743 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BF109418.D
 Acq: 28 Sep 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB113249BS

Tot Ion:	276	Resp:	351200
Ion Ratio		Lower	Upper
276	100		
277	23.4	17.9	26.9
138	21.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/28/2018 2:40:36 PM

