

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108930.D
 Acq On : 11 Sep 2018 12:56
 Operator : JU/SJ
 Sample : PB112743BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:44 AM

Quant Time: Sep 11 13:33:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	172920	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	663287	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	321396	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	623288	20.00	ng	0.00
75) Chrysene-d12	13.88	240	436263	20.00	ng	0.01
86) Perylene-d12	15.28	264	393001	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1235148	118.33	ng	0.02
7) Phenol-d6	6.38	99	1599912	119.13	ng	0.02
23) Nitrobenzene-d5	7.30	82	1038704	98.00	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	429145	139.87	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1773309	94.13	ng	0.00
78) Terphenyl-d14	12.83	244	1829979	97.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	198400	39.551	ng	93
3) Pyridine	3.21	79	575718	41.908	ng	91
4) n-Nitrosodimethylamine	3.15	42	260566	49.383	ng	# 94
6) Aniline	6.40	93	705391	39.052	ng	93
8) 2-Chlorophenol	6.53	128	535251	46.328	ng	95
9) Benzaldehyde	6.28	77	282308	29.631	ng	98
10) Phenol	6.40	94	655881	42.639	ng	75
11) bis(2-Chloroethyl)ether	6.48	93	535082	43.424	ng	98
12) 1,3-Dichlorobenzene	6.68	146	579550	43.958	ng	99
13) 1,4-Dichlorobenzene	6.76	146	584101	44.302	ng	97
14) 1,2-Dichlorobenzene	6.91	146	542842	44.669	ng	98
15) Benzyl Alcohol	6.88	79	472441	45.839	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	797597	43.302	ng	96
17) 2-Methylphenol	7.00	107	450943	46.186	ng	98
18) Hexachloroethane	7.25	117	217712	45.796	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	386656	41.419	ng	98
20) 3+4-Methylphenols	7.15	107	515833	45.101	ng	# 69
22) Acetophenone	7.15	105	707899	47.026	ng	# 90
24) Nitrobenzene	7.32	77	584170	51.368	ng	97
25) Isophorone	7.57	82	1093419	51.720	ng	98
26) 2-Nitrophenol	7.64	139	273781	61.107	ng	98
27) 2,4-Dimethylphenol	7.68	122	496016	54.518	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	678973	48.036	ng	99
29) 2,4-Dichlorophenol	7.88	162	462699	49.321	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	474721	46.692	ng	97
31) Naphthalene	8.04	128	1528944	51.235	ng	99
32) Benzoic acid	7.81	122	283505	47.581	ng	99
33) 4-Chloroaniline	8.09	127	507698	37.044	ng	99
34) Hexachlorobutadiene	8.17	225	278707	45.887	ng	98
35) Caprolactam	8.47	113	158374m	49.819	ng	
36) 4-Chloro-3-methylphenol	8.58	107	485221	48.552	ng	99
37) 2-Methylnaphthalene	8.74	142	1021410	51.810	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	430739	44.834	ng	98
40) Hexachlorocyclopentadiene	8.90	237	575507	119.071	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	331591	50.672	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	352394	51.951	nq	95
45) 1,1'-Biphenyl	9.20	154	1195849	48.330	nq	99
46) 2-Chloronaphthalene	9.22	162	939237	46.936	nq	97
47) 2-Nitroaniline	9.31	65	311867	57.048	nq	95
48) Acenaphthylene	9.64	152	1536347	51.507	nq	99
49) Dimethylphthalate	9.50	163	1109429	49.353	nq	99
50) 2,6-Dinitrotoluene	9.56	165	251903	58.809	nq	90
51) Acenaphthene	9.81	154	898116	48.657	nq	99
52) 3-Nitroaniline	9.72	138	227931	44.702	nq	96
53) 2,4-Dinitrophenol	9.83	184	187296	114.495	nq #	20
54) Dibenzofuran	9.98	168	1307125	48.581	nq	97
55) 4-Nitrophenol	9.89	139	439412	115.275	nq	96
56) 2,4-Dinitrotoluene	9.96	165	333306	60.846	nq #	93
57) Fluorene	10.32	166	963368	55.794	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	297439	54.374	nq	88
59) Diethylphthalate	10.20	149	1096561	47.269	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	457204	49.580	nq	96
61) 4-Nitroaniline	10.34	138	276354	59.828	nq	97
62) Azobenzene	10.47	77	1154268	48.204	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	130548	52.508	nq	82
65) n-Nitrosodiphenylamine	10.43	169	959382	46.295	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	323952	46.017	nq #	88
67) Hexachlorobenzene	10.87	284	345409	45.963	nq #	89
68) Atrazine	10.96	200	330242	49.780	nq	98
69) Pentachlorophenol	11.06	266	381482	83.031	nq	98
70) Phenanthrene	11.28	178	1487462	49.974	nq	99
71) Anthracene	11.33	178	1537185	53.940	nq	99
72) Carbazole	11.48	167	1402930	46.745	nq	99
73) Di-n-butylphthalate	11.82	149	1697350	50.928	nq	99
74) Fluoranthene	12.46	202	1574547	53.429	nq	97
76) Benzidine	12.58	184	930609	45.007	nq	98
77) Pyrene	12.68	202	1610956	47.988	nq	99
79) Butylbenzylphthalate	13.31	149	739058	48.888	nq	96
80) Benzo(a)anthracene	13.87	228	1285149	45.959	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	380975	34.969	nq	97
82) Chrysene	13.91	228	1297450	47.929	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	846634	44.564	nq	100
84) Di-n-octyl phthalate	14.48	149	1529082	48.277	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	1019360	42.550	nq	95
87) Benzo(b)fluoranthene	14.89	252	1175454	55.006	nq	98
88) Benzo(k)fluoranthene	14.92	252	1041899m	52.944	nq	
89) Benzo(a)pyrene	15.23	252	1029203	53.376	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	838722	49.364	nq #	96
91) Benzo(g,h,i)perylene	17.07	276	880153	51.738	nq	94

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

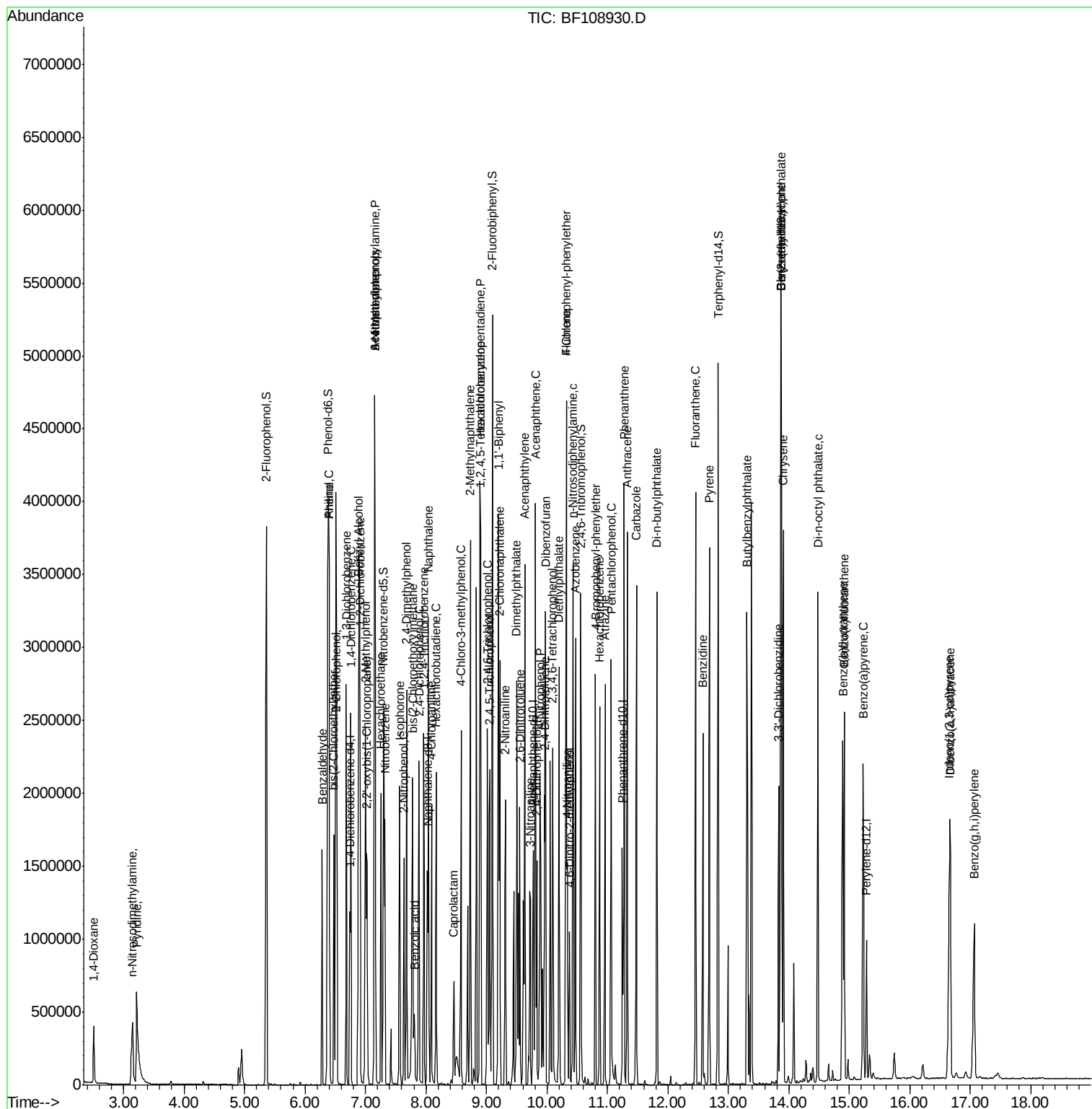
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
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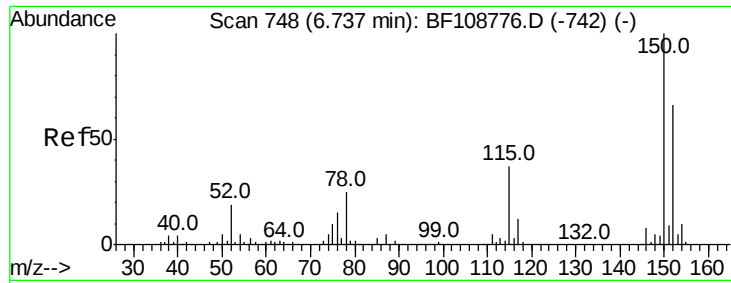
Instrument :
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#1

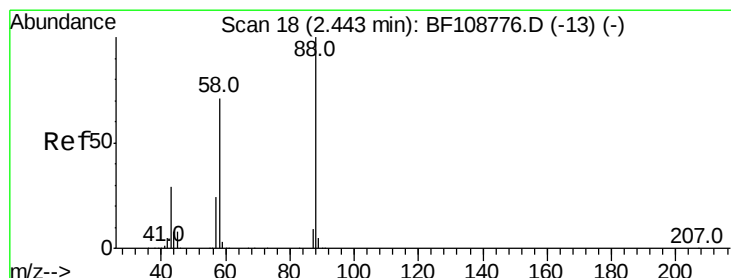
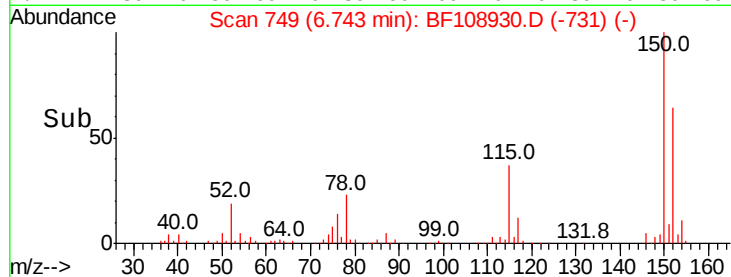
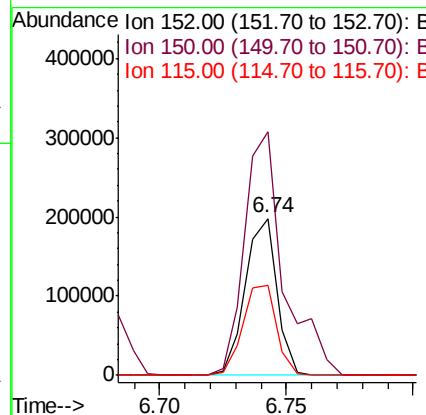
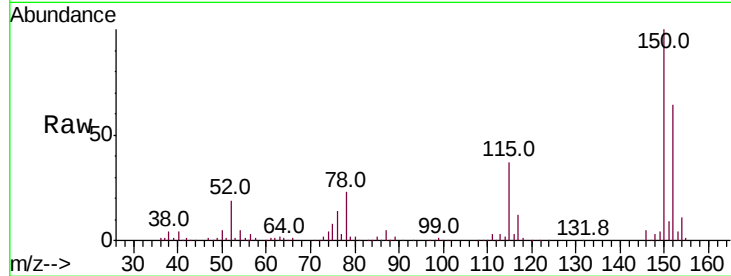
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	57.8	50.1	75.1

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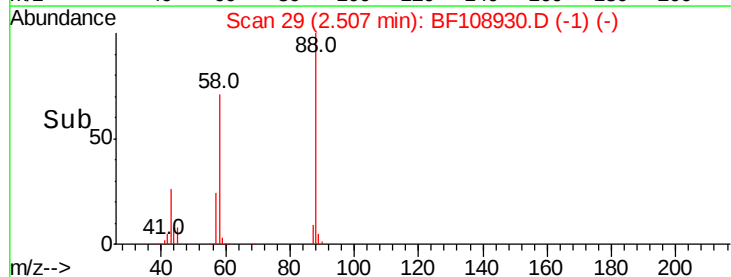
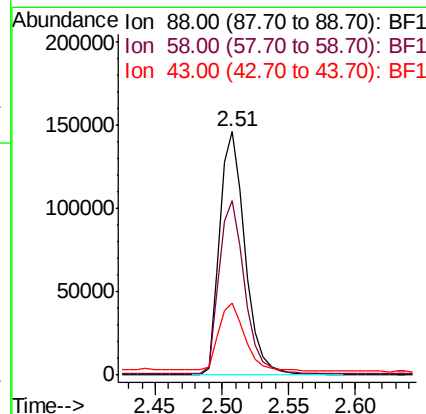
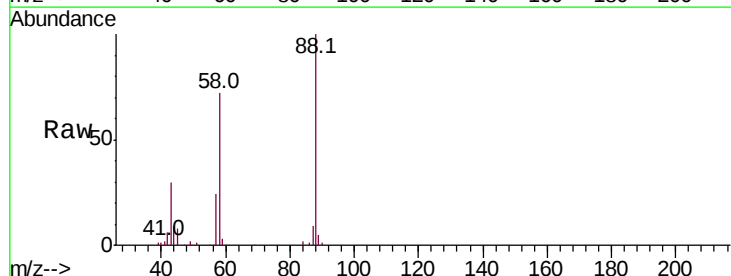
Sohil
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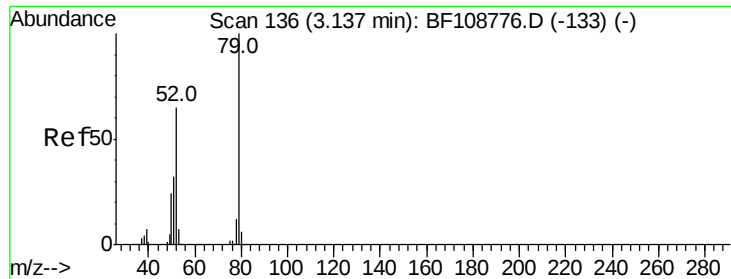


#2

1,4-Dioxane
Concen: 39.551 ng
RT: 2.51 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	62.6	93.8
43	28.3	24.6	37.0





#3

Pvridine

Concen: 41.908 ng

RT: 3.21 min Scan# 149

Delta R.T. 0.08 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

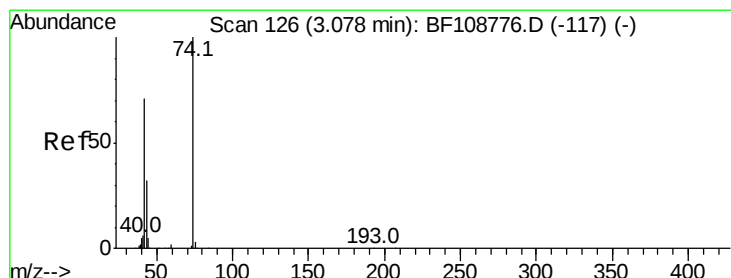
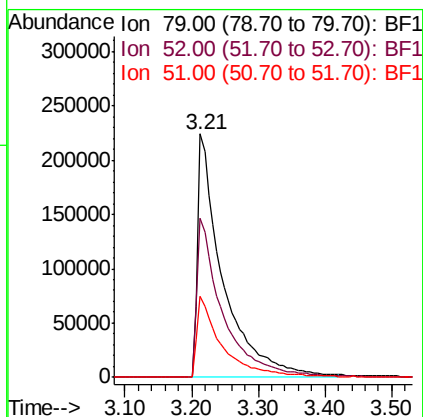
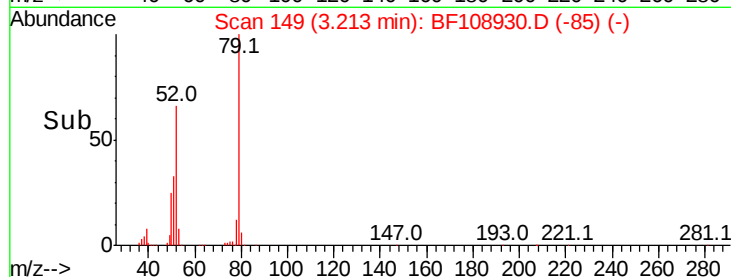
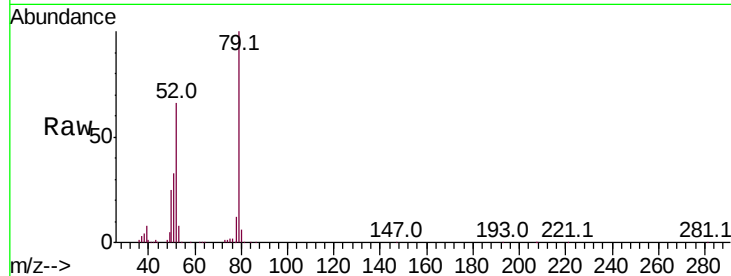
ClientSampleId :

PB112743BS

Tot Ion:	79	Resp:	575718
Ion Ratio	Lower	Upper	
79	100		
52	65.6	59.8	89.6
51	33.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 49.383 ng

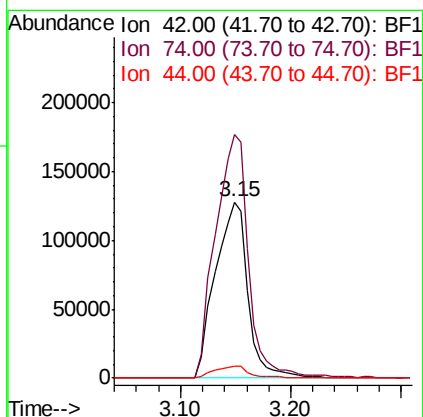
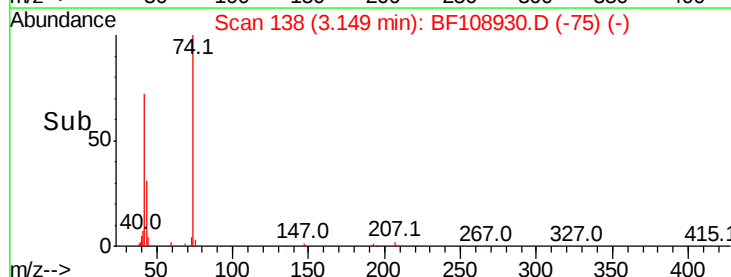
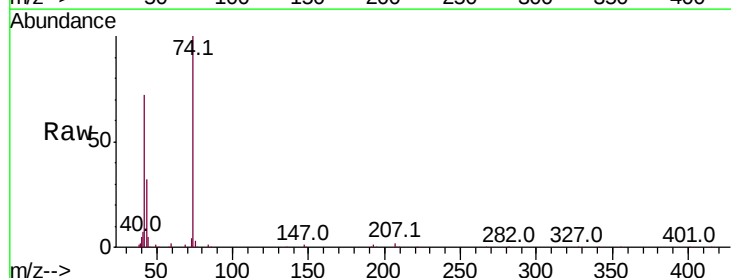
RT: 3.15 min Scan# 138

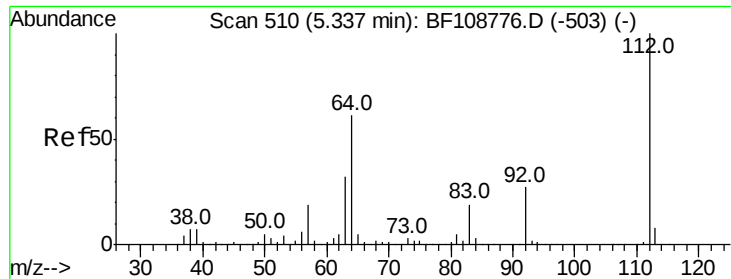
Delta R.T. 0.07 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Tgt Ion:	42	Resp:	260566
Ion Ratio	Lower	Upper	
42	100		
74	138.2	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 118.334 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

ClientSampled :

PB112743BS

Tot Ion:112 Resp: 1235148

Ion Ratio Lower Upper

112 100

64 61.2 47.9 71.9

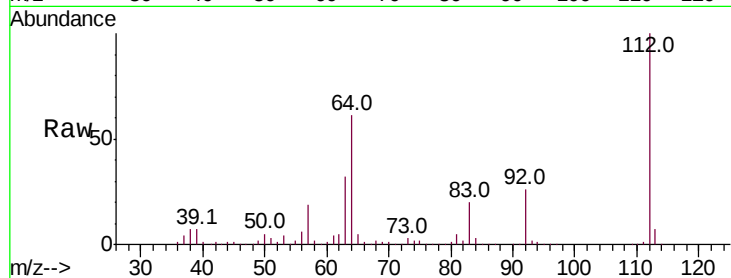
63 31.7 23.7 35.5

Manual Integrations

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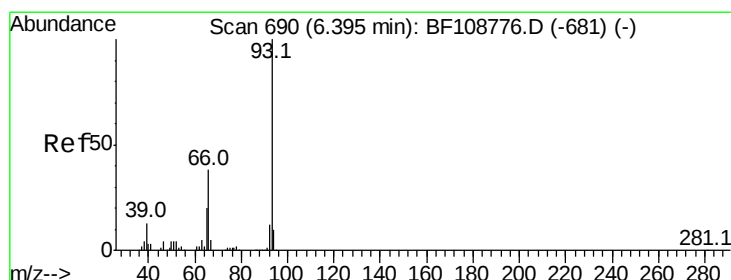
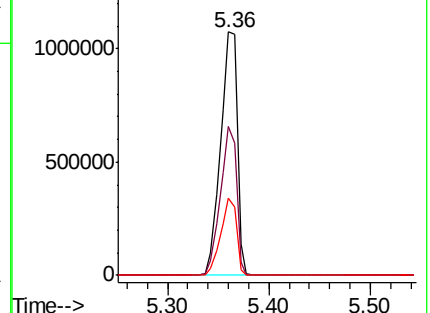
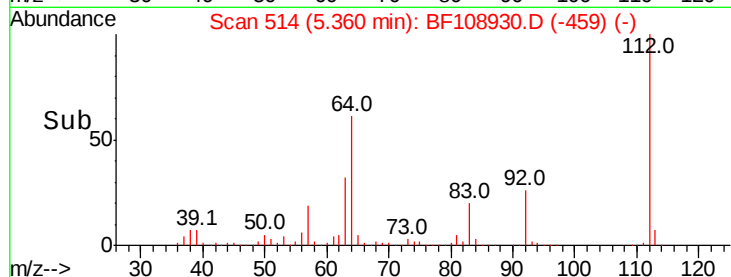
9/12/2018 9:11:44 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.052 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

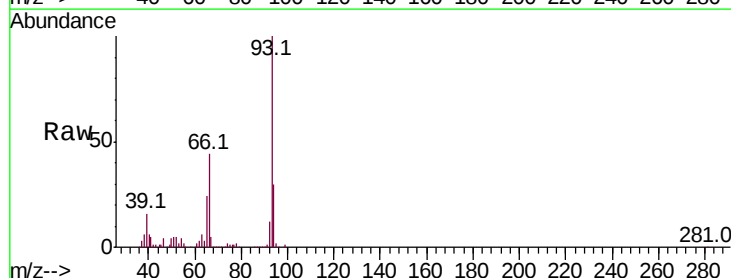
Tgt Ion: 93 Resp: 705391

Ion Ratio Lower Upper

93 100

66 44.4 32.2 48.2

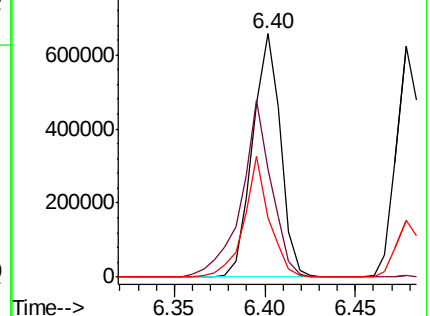
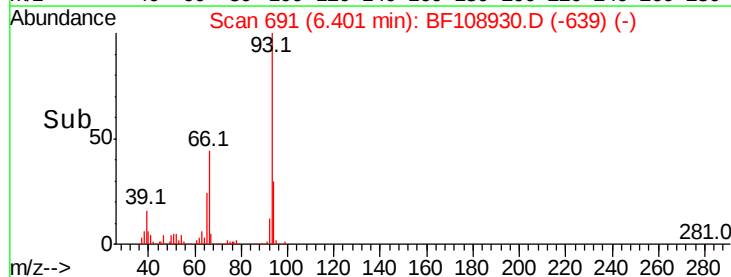
65 24.4 16.4 24.6

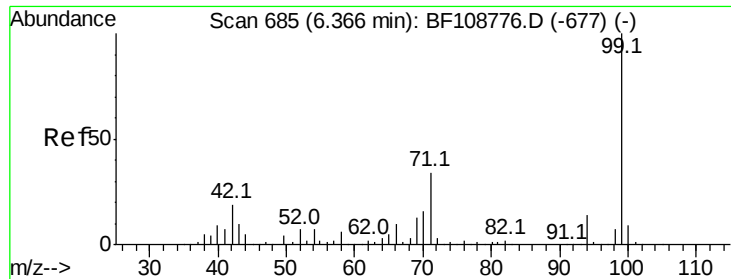


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.131 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF108930.D

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ClientSampleId :

PB112743BS

Tot Ion: 99 Resp: 1599912

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

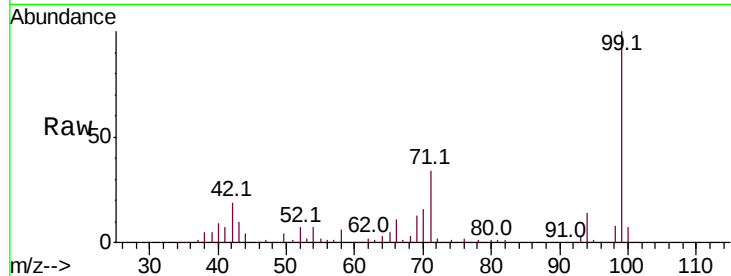
71 33.8 25.4 38.0

Manual Integrations

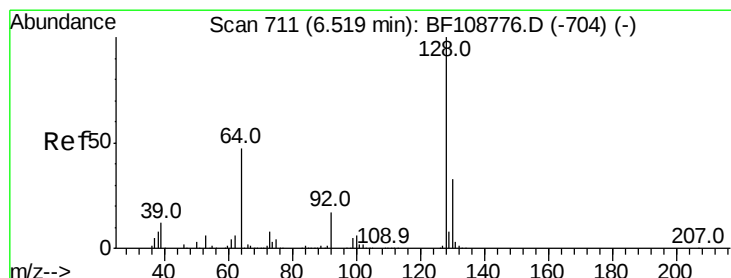
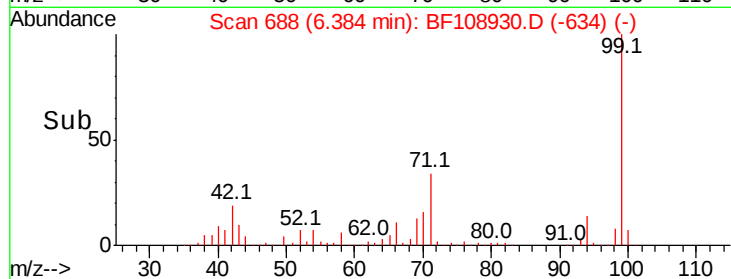
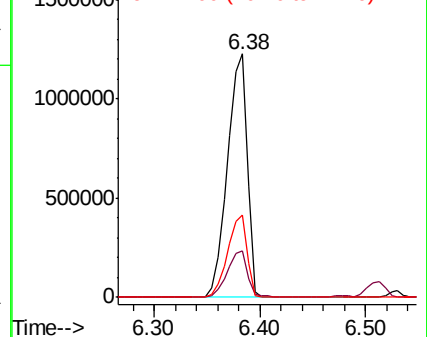
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.328 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

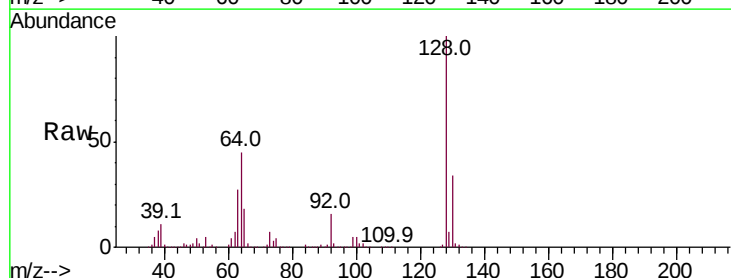
Tgt Ion:128 Resp: 535251

Ion Ratio Lower Upper

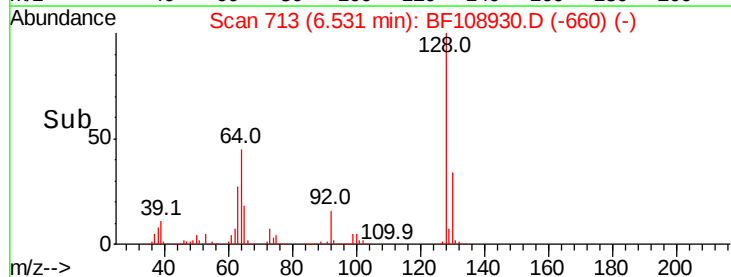
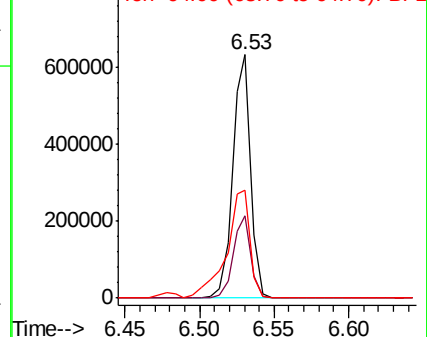
128 100

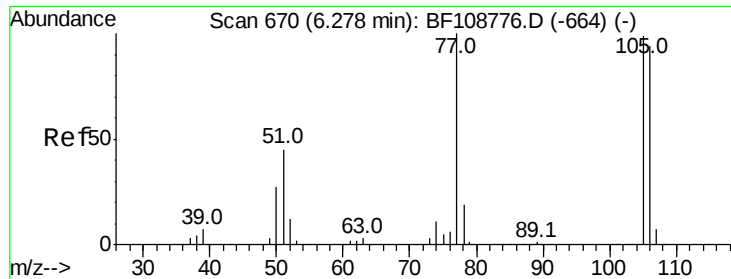
130 33.9 13.0 53.0

64 44.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 29.631 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

ClientSampleId :

PB112743BS

Tot Ion: 77 Resp: 282308

Ion Ratio Lower Upper

77 100

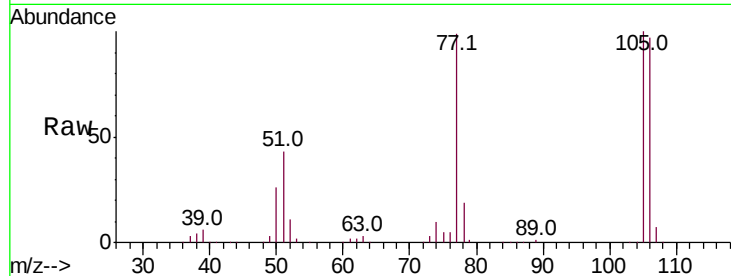
105 101.0 81.1 121.1

106 97.7 74.5 114.5

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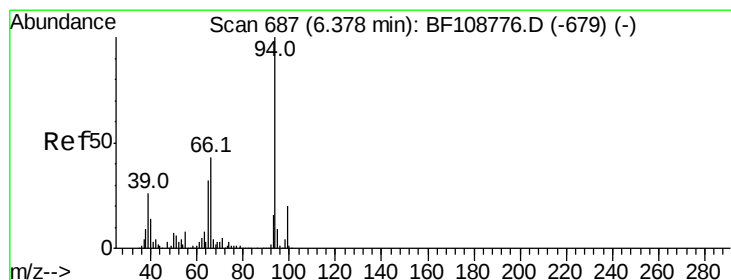
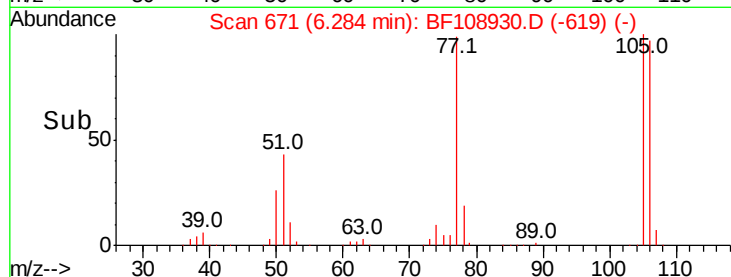
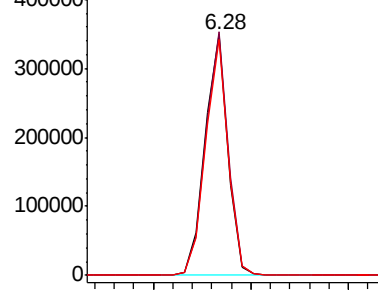
9/12/2018 9:11:44 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.639 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

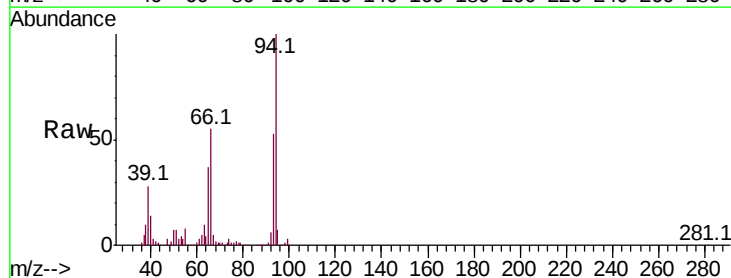
Tgt Ion: 94 Resp: 655881

Ion Ratio Lower Upper

94 100

65 37.1 7.9 47.9

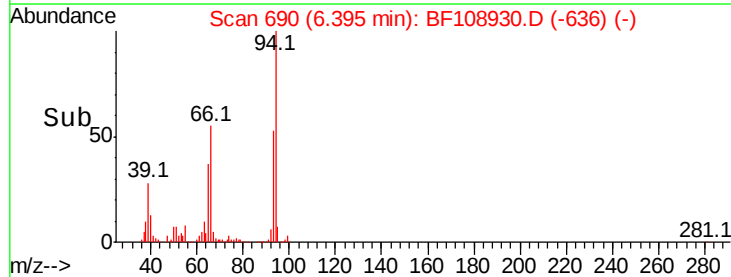
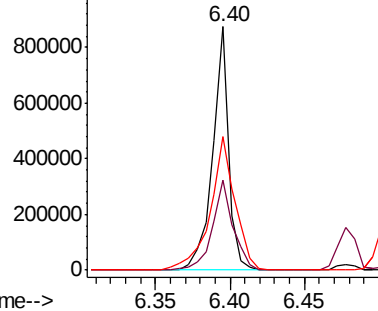
66 54.8 16.2 56.2

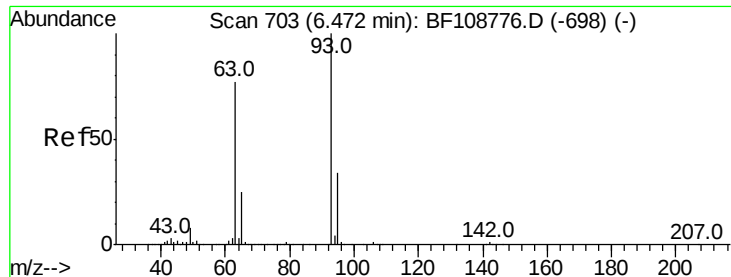


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





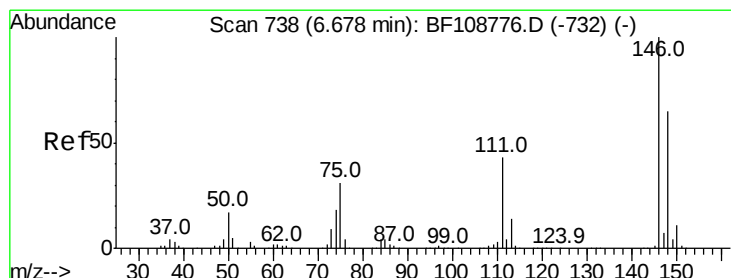
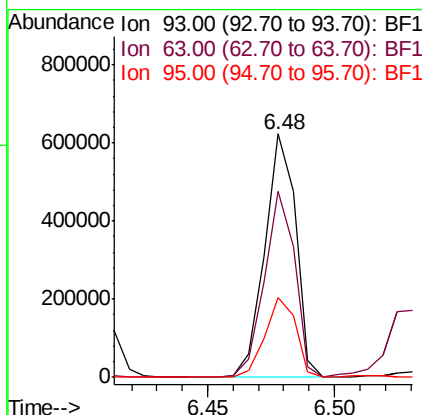
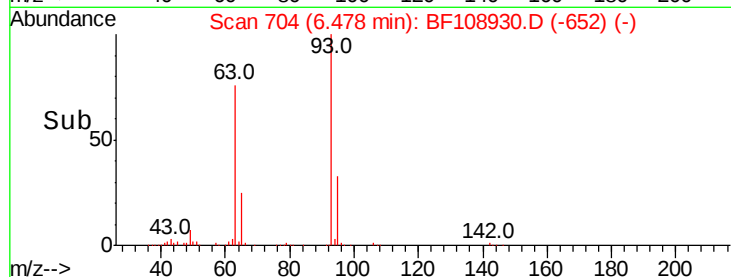
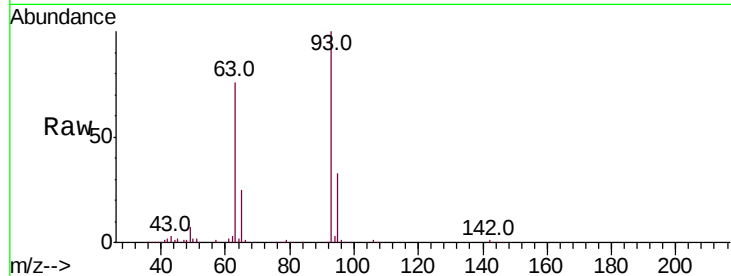
#11
bis(2-Chloroethyl)ether
Concen: 43.424 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	58.6	98.6
95	32.7	11.8	51.8

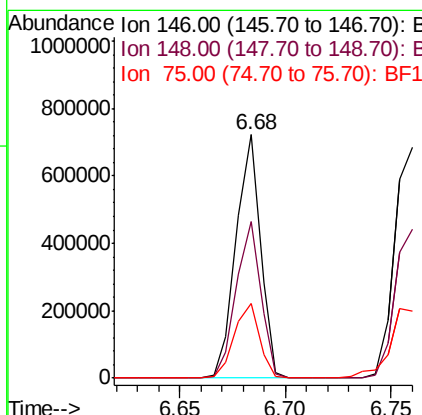
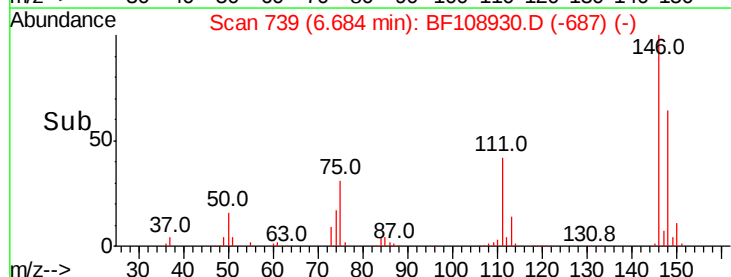
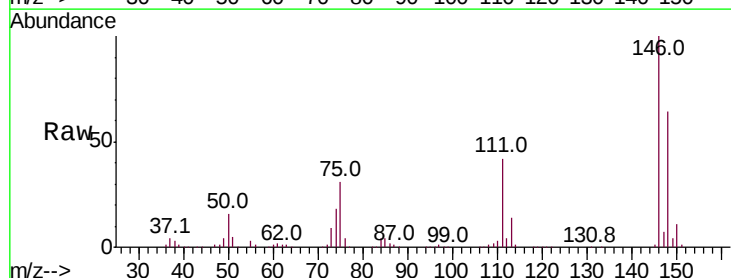
Manual Integrations
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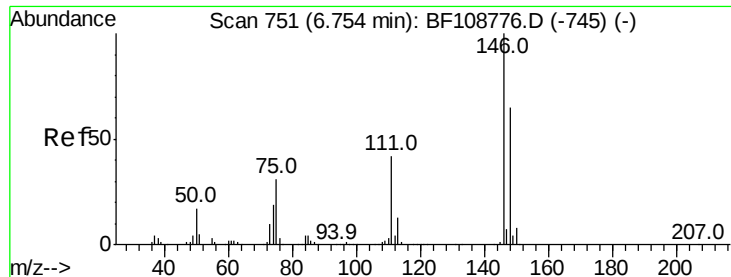
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.958 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	30.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 44.302 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

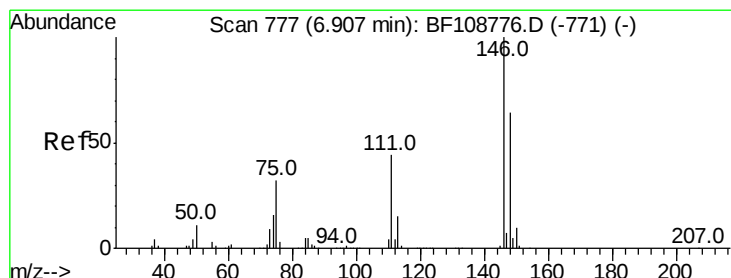
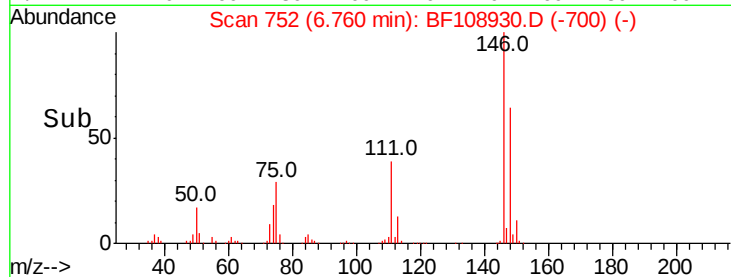
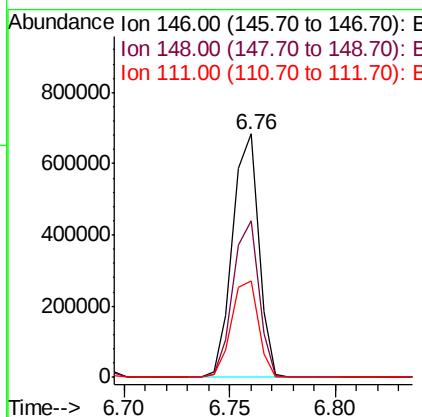
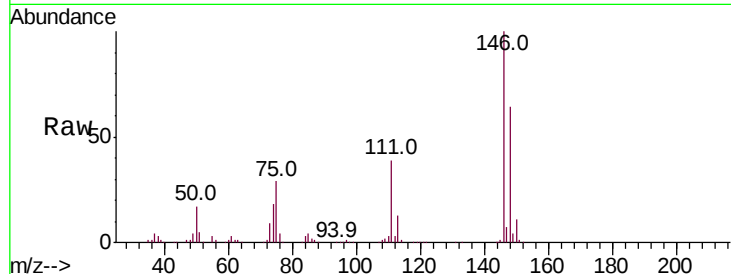
ClientSampleId :

PB112743BS

Tot Ion:	146	Resp:	584101
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	39.5	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 44.669 ng

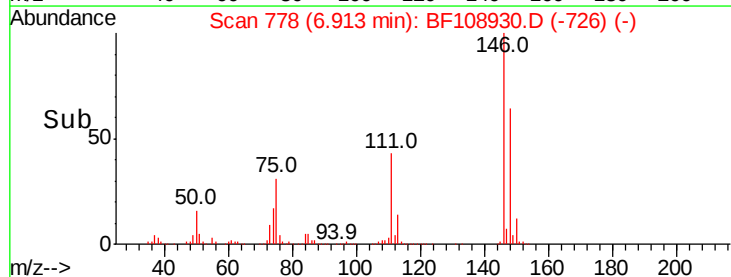
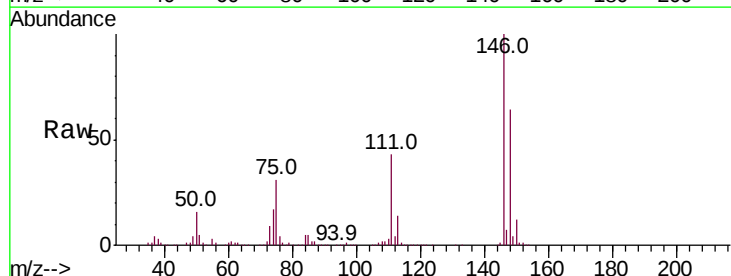
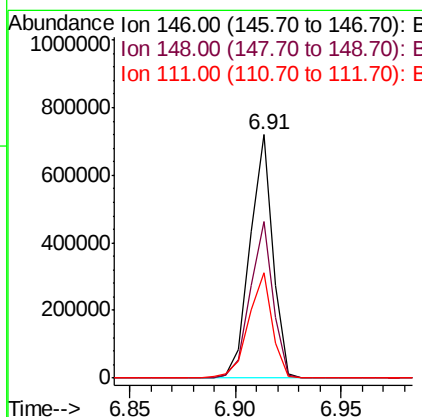
RT: 6.91 min Scan# 778

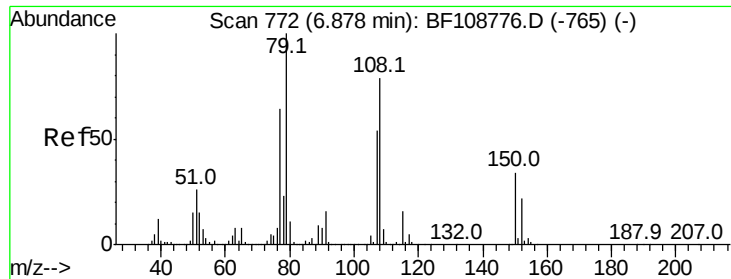
Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Tgt Ion:	146	Resp:	542842
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	43.2	36.0	54.0





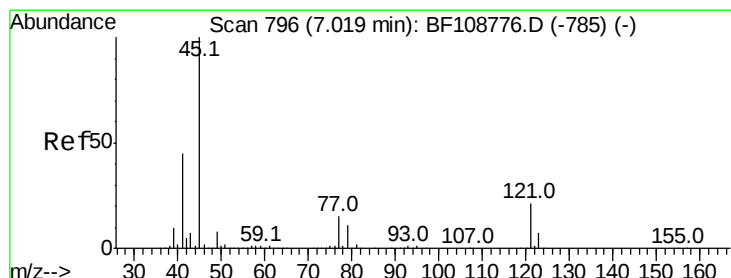
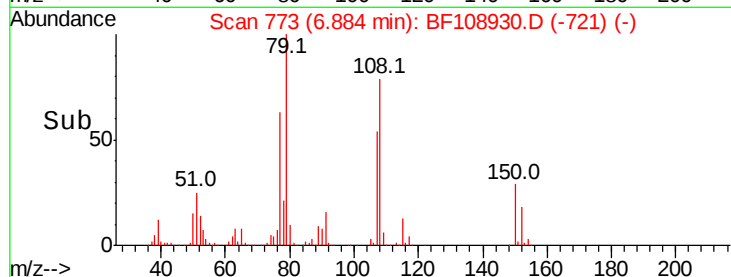
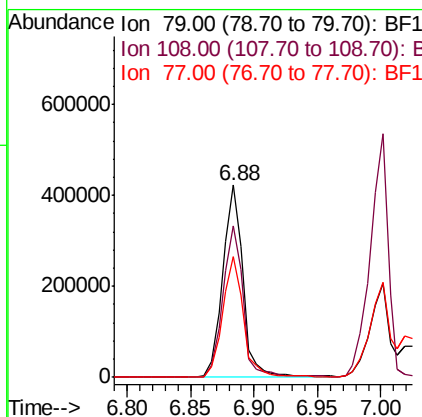
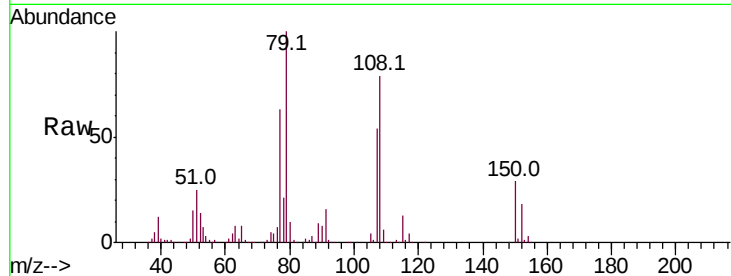
#15
Benzyl Alcohol
Concen: 45.839 ng
RT: 6.88 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	65.1	97.7
77	63.2	50.6	75.8

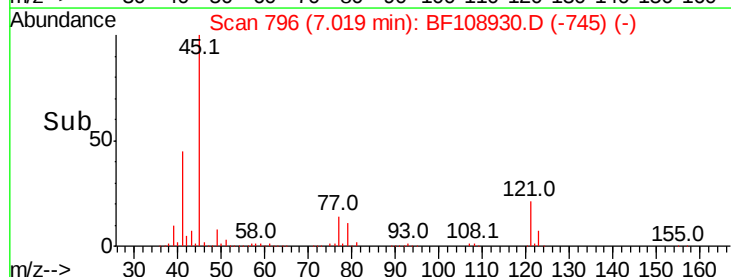
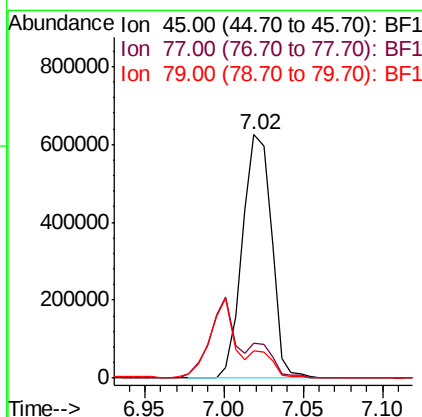
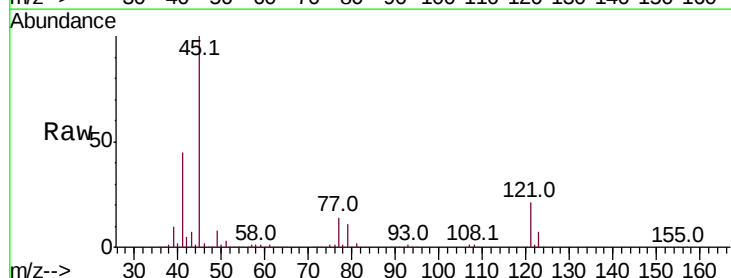
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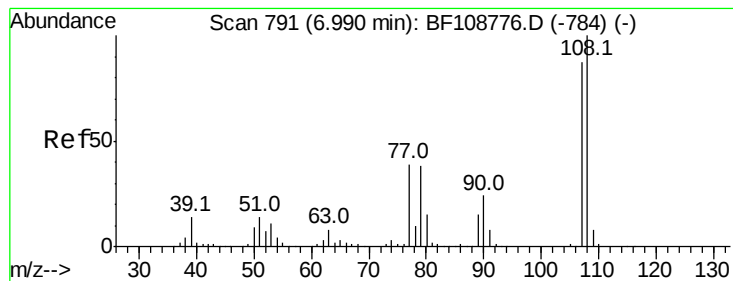
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.302 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	32.9
79	11.0	0.0	29.6





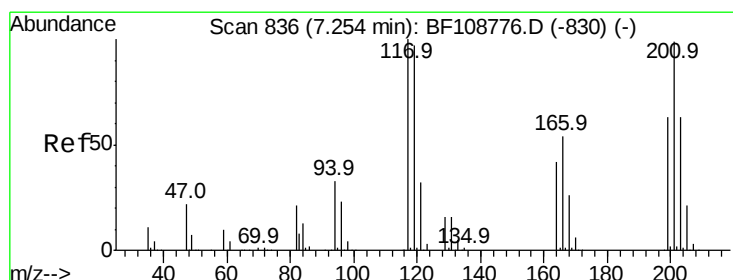
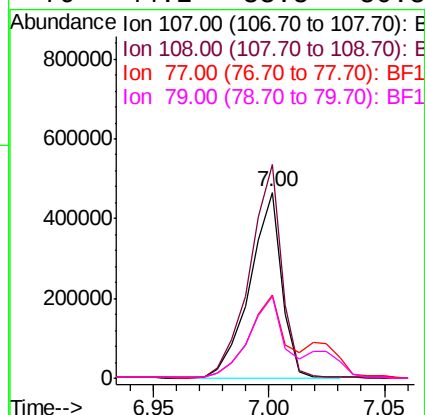
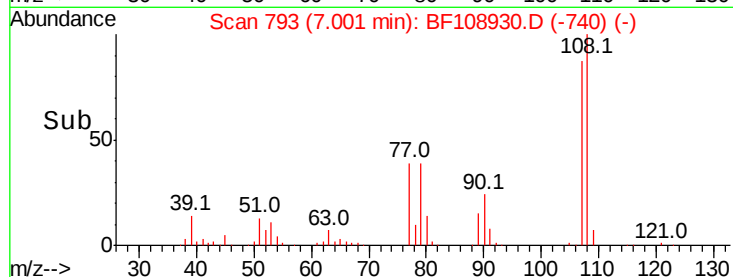
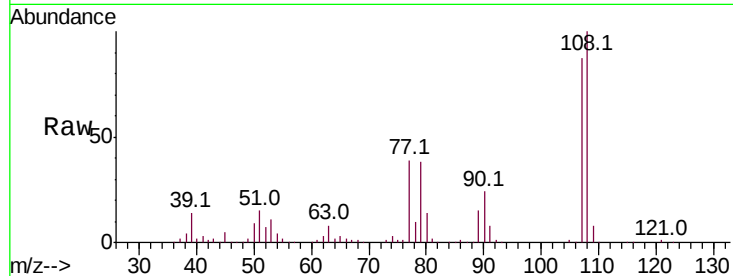
#17
2-Methylphenol
Concen: 46.186 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	91.7	137.5	
77	44.9	33.8	50.8	
79	44.2	33.8	50.8	

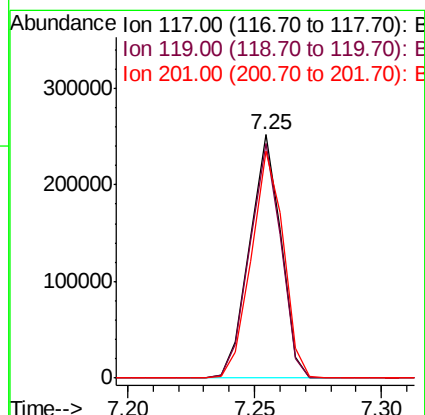
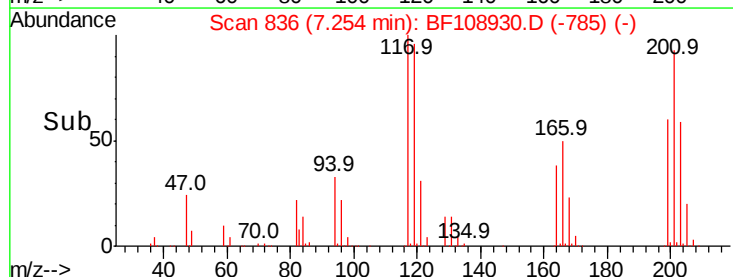
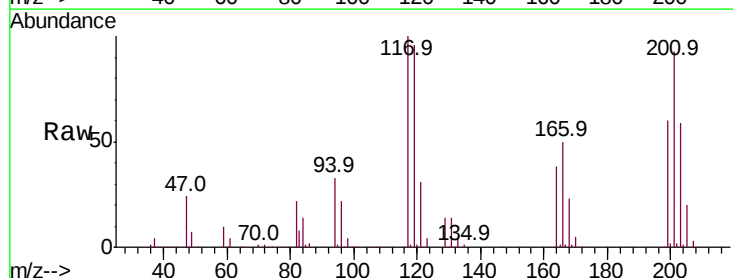
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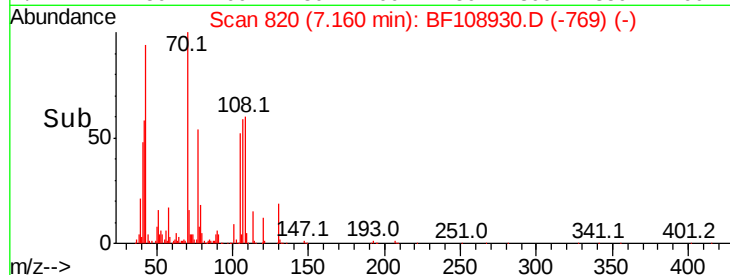
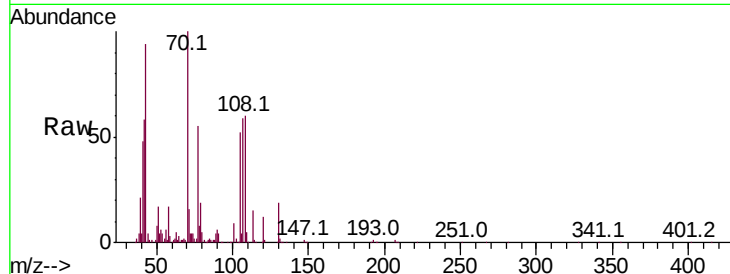
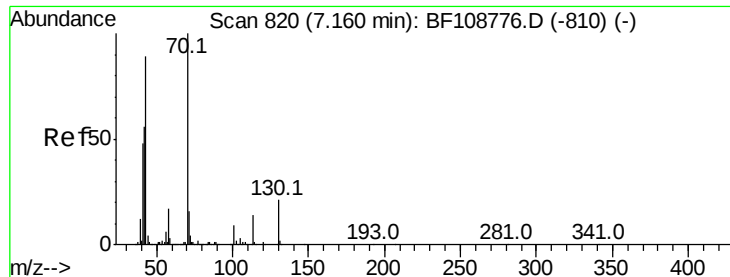
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#18
Hexachloroethane
Concen: 45.796 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	93.4	75.7	113.5	





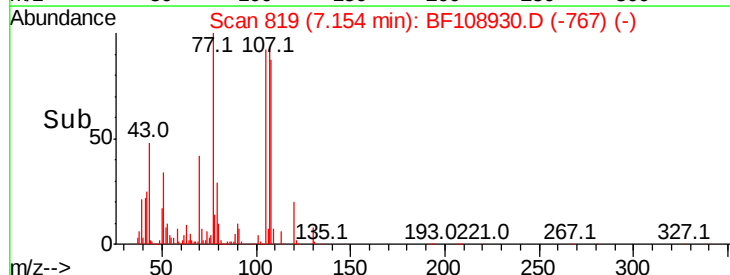
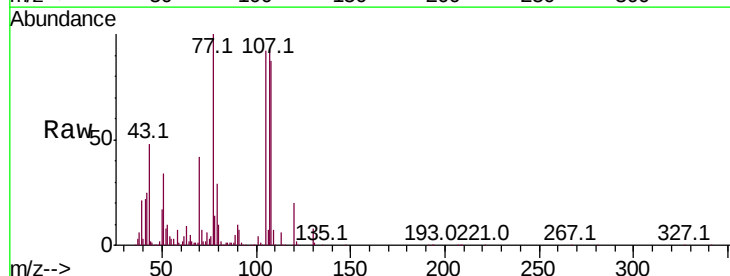
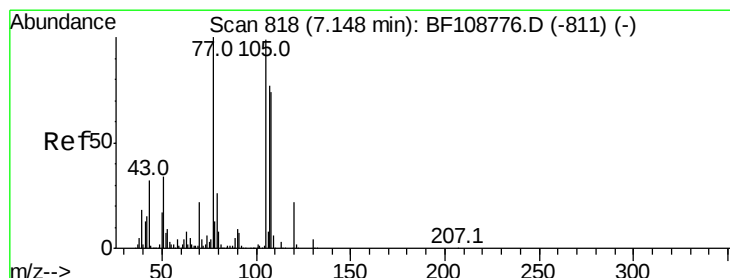
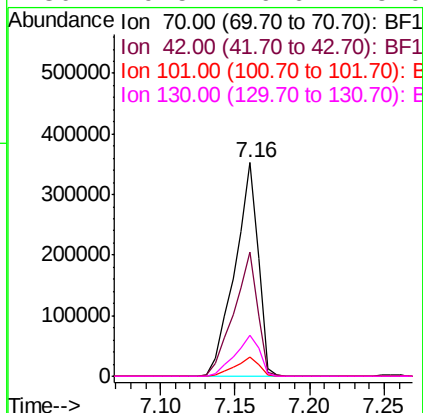
#19
n-Nitroso-di-n-propylamine
Concen: 41.419 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.2	47.5	71.3		
101	9.0	7.4	11.2		
130	19.5	16.6	25.0		

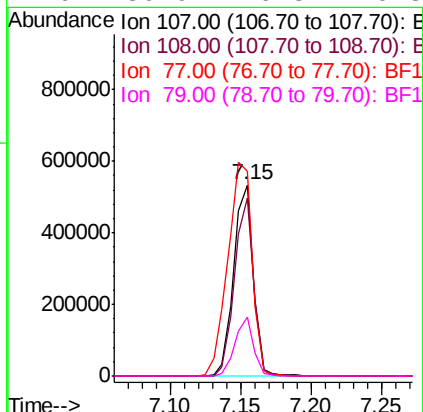
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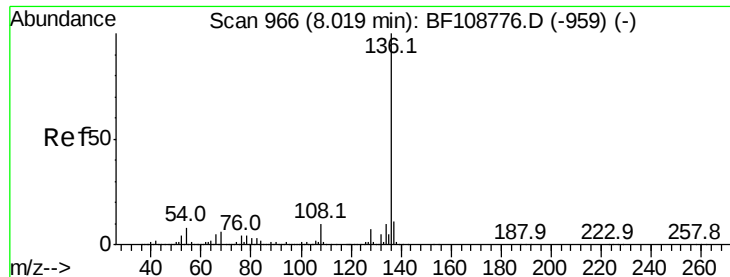
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#20
3+4-Methylphenols
Concen: 45.101 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.2	68.2	108.2		
77	107.5	26.7	66.7#		
79	30.9	6.3	46.3		





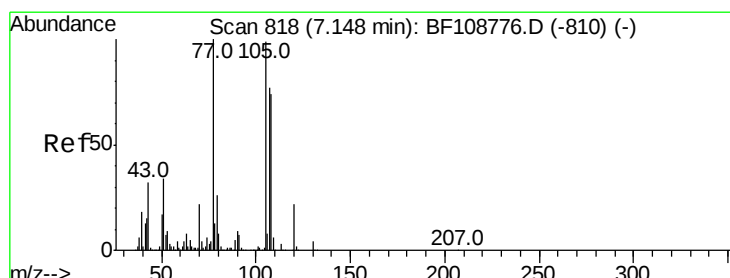
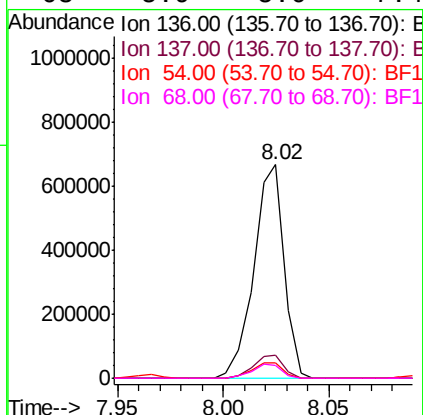
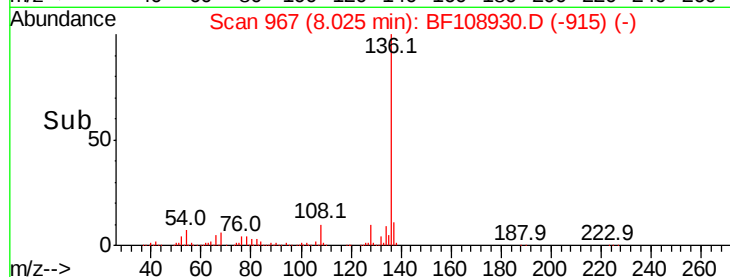
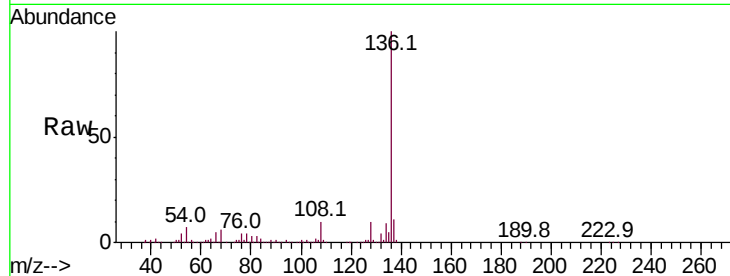
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	663287		
137	10.7		8.9	13.3
54	6.9		6.6	9.8
68	5.9		5.0	7.4

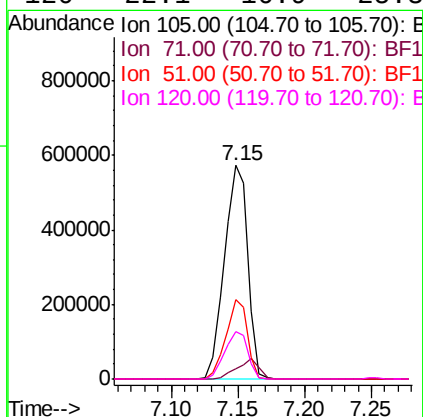
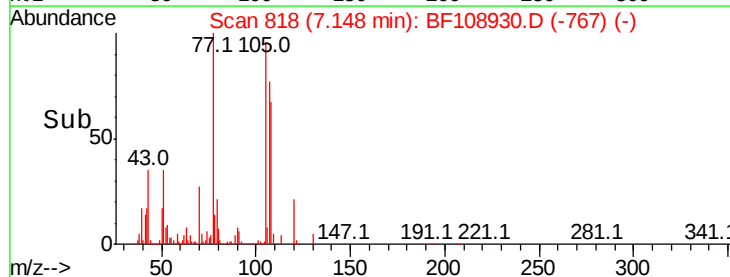
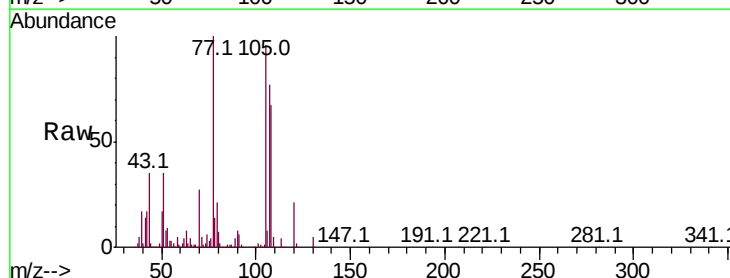
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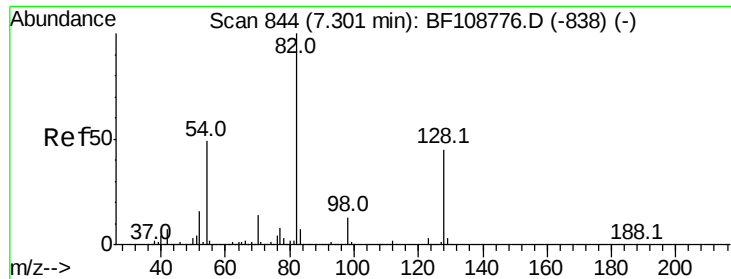
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#22
Acetophenone
Concen: 47.026 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	707899		
71	4.7		4.4	6.6
51	37.0		22.3	33.5#
120	22.1		16.9	25.3





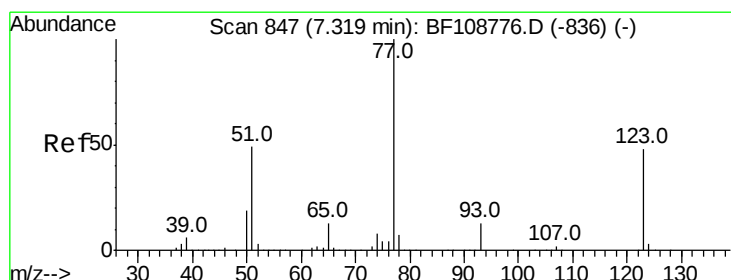
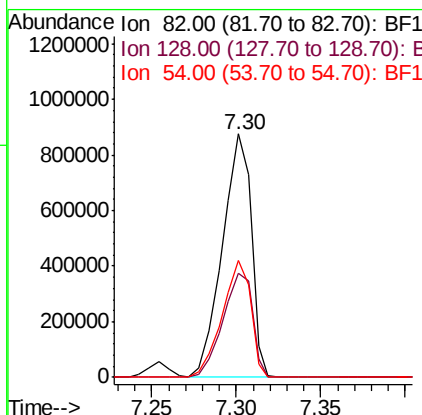
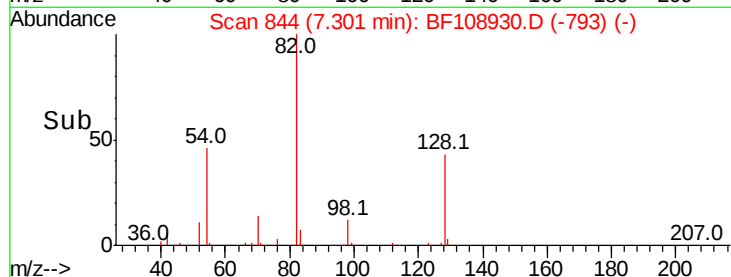
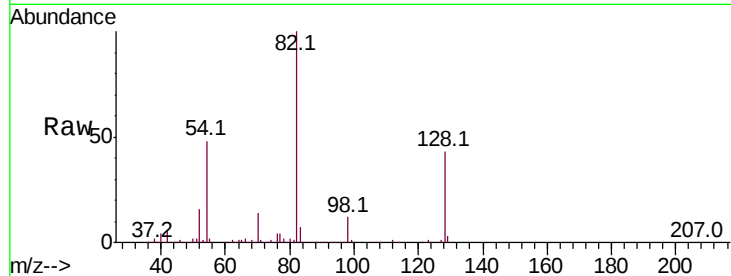
#23
 Nitrobenzene-d5
 Concen: 98.001 ng
 RT: 7.30 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion: 82 Resp: 1038704
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.1 54.1
 54 48.2 41.4 62.2

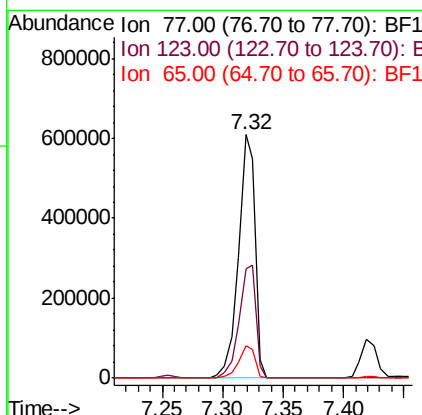
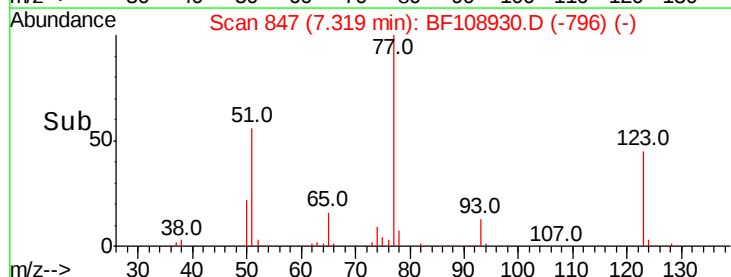
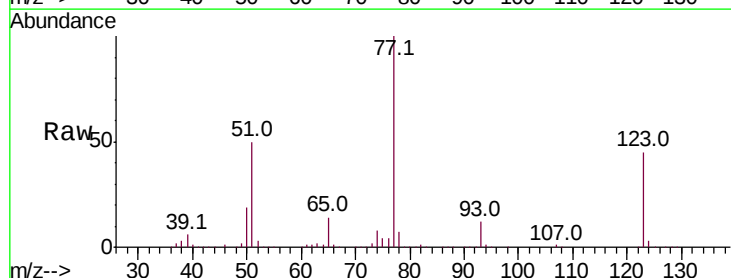
Manual Integrations
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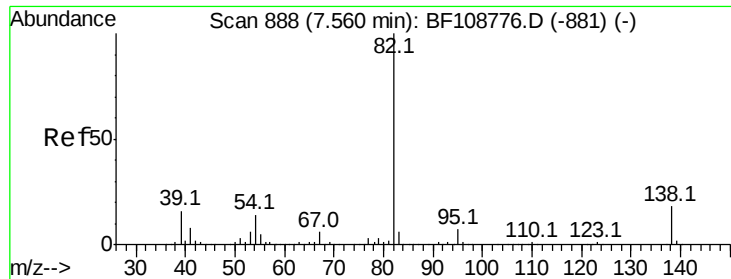
Sohil
 9/12/2018 9:11:44 AM



#24
 Nitrobenzene
 Concen: 51.368 ng
 RT: 7.32 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion: 77 Resp: 584170
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 51.720 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

ClientSampleId :

PB112743BS

Tot Ion: 82 Resp: 1093419

Ion Ratio Lower Upper

82 100

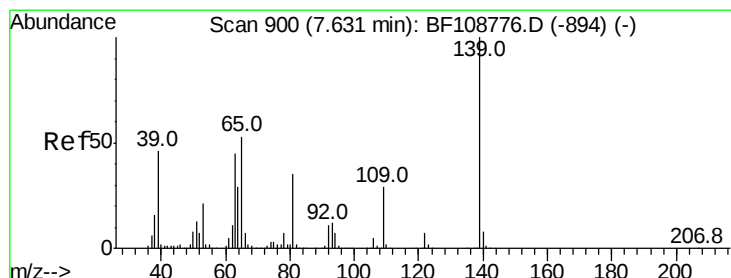
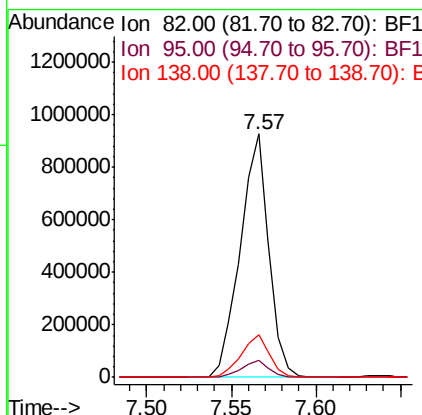
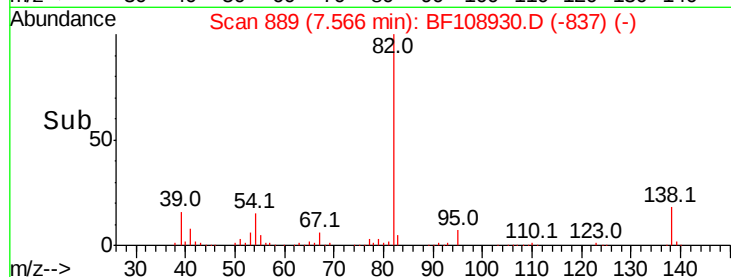
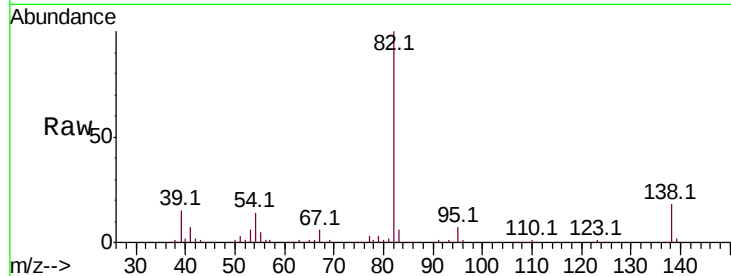
95 6.9 5.2 7.8

138 17.5 14.9 22.3

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#26

2-Nitrophenol

Concen: 61.107 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

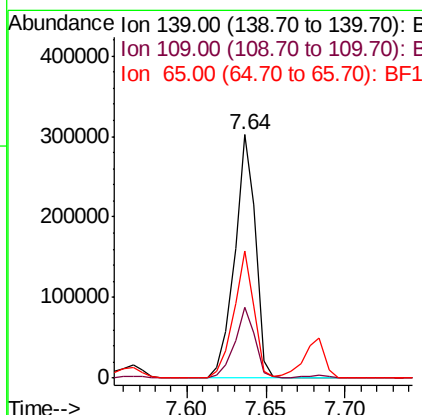
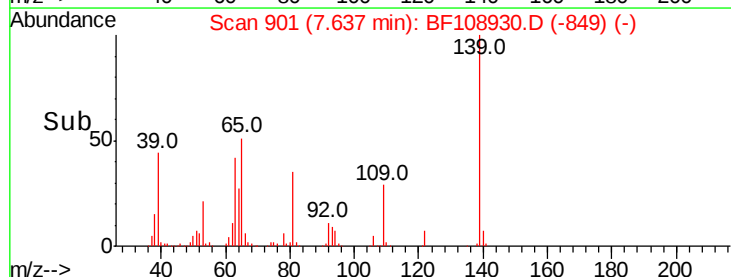
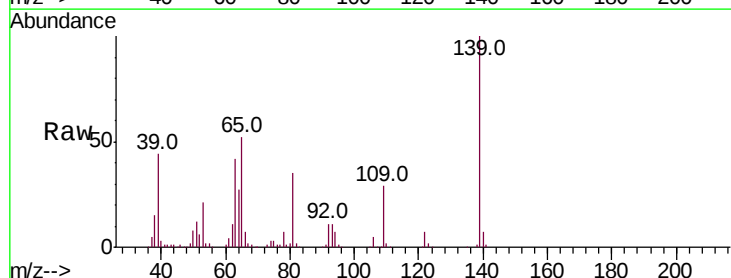
Tgt Ion: 139 Resp: 273781

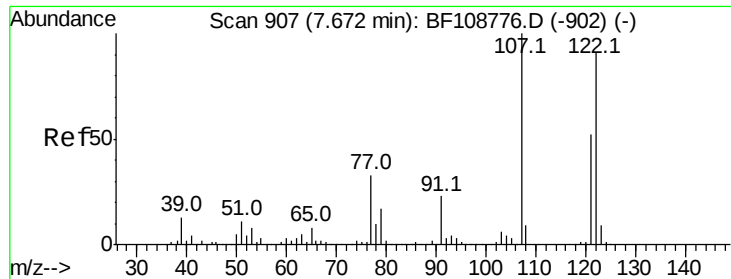
Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

65 52.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 54.518 ng

RT: 7.68 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

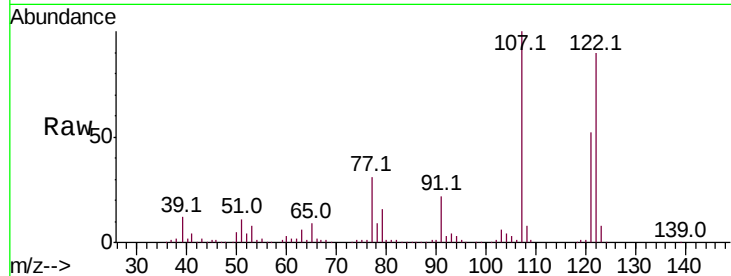
ClientSampleId :

PB112743BS

Tot Ion:	122	Resp:	496016
Ion Ratio	Lower	Upper	
122	100		
107	110.6	91.2	136.8
121	57.5	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

800000

600000

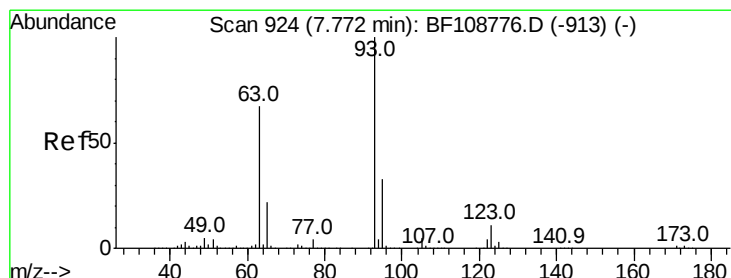
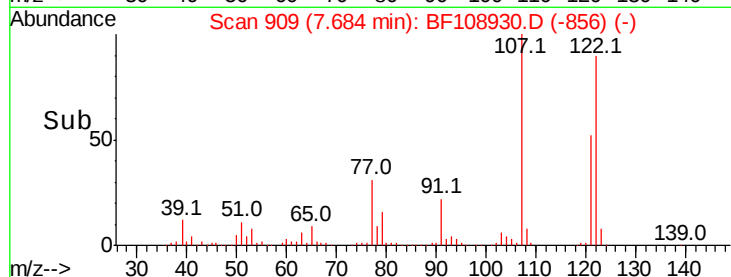
400000

200000

0

7.65 7.70

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 48.036 ng

RT: 7.78 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Tgt Ion:	93	Resp:	678973
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.3	39.5
123	11.6	9.8	14.6

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

800000

600000

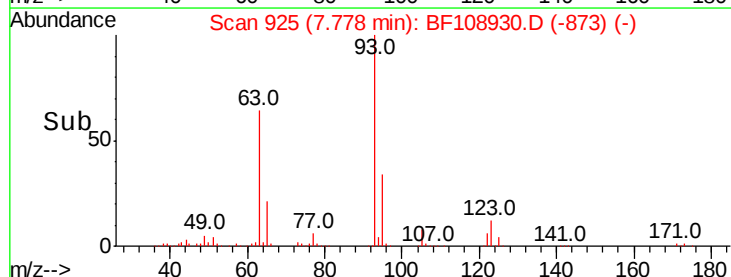
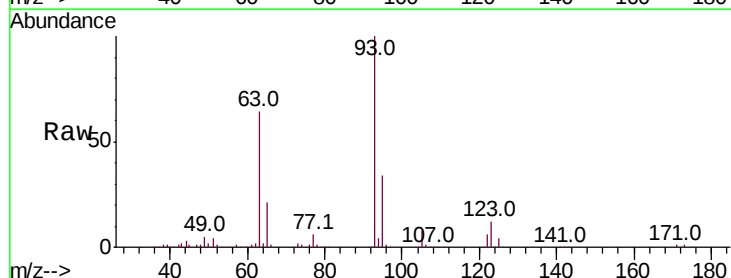
400000

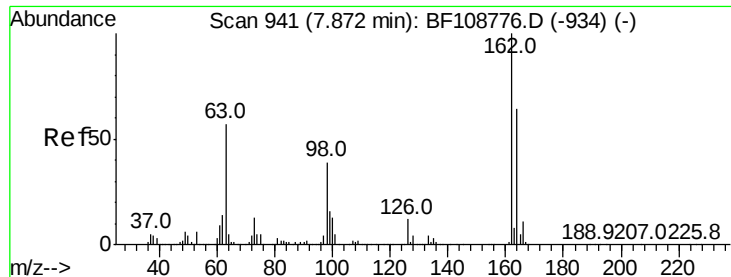
200000

0

7.70 7.75 7.80 7.85

Time-->





#29

2,4-Dichlorophenol

Concen: 49.321 ng

RT: 7.88 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

ClientSampleId :

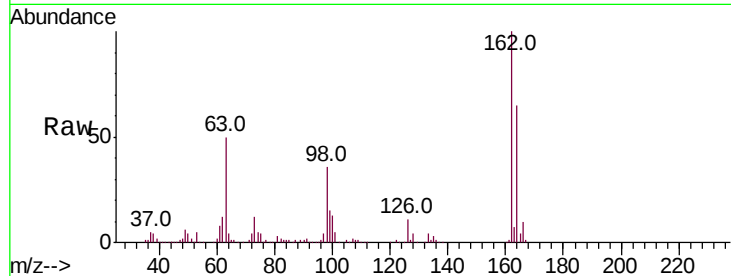
PB112743BS

Tot Ion:	162	Resp:	462699
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.7	82.7
98	35.7	18.1	58.1

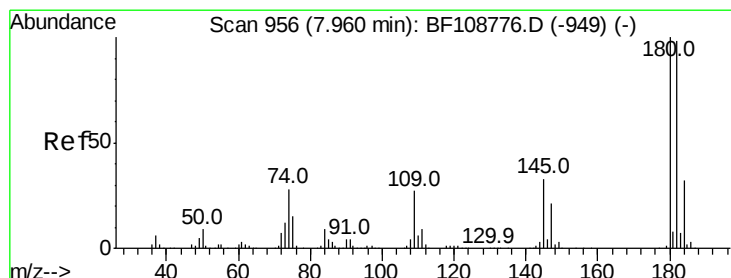
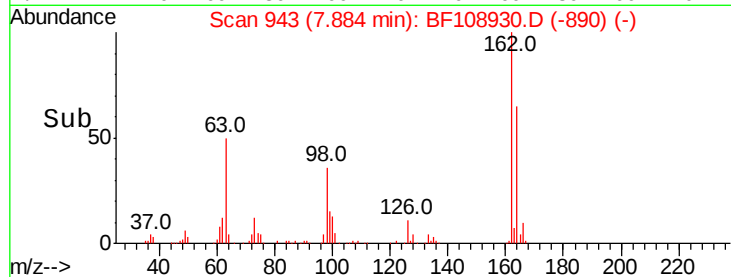
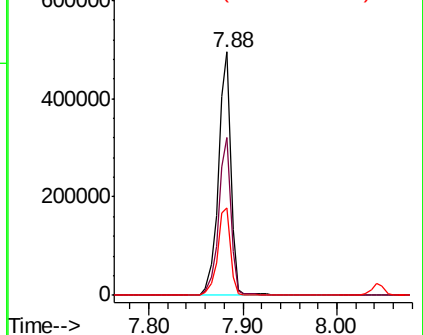
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 46.692 ng

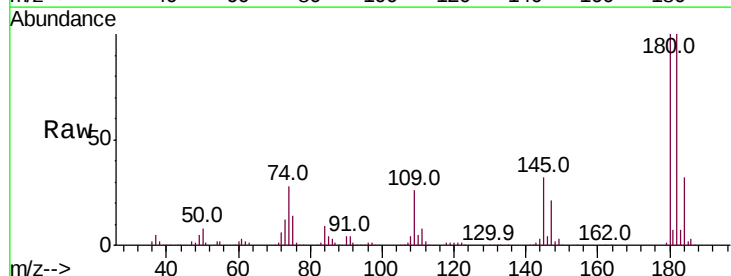
RT: 7.97 min Scan# 957

Delta R.T. 0.01 min

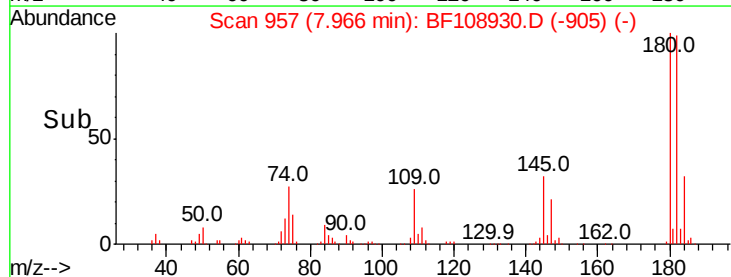
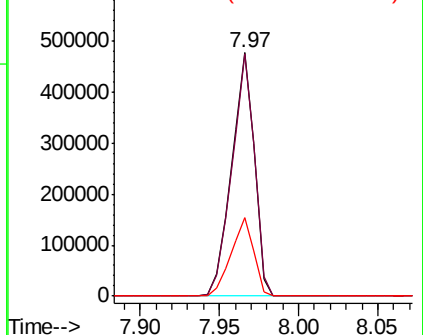
Lab File: BF108930.D

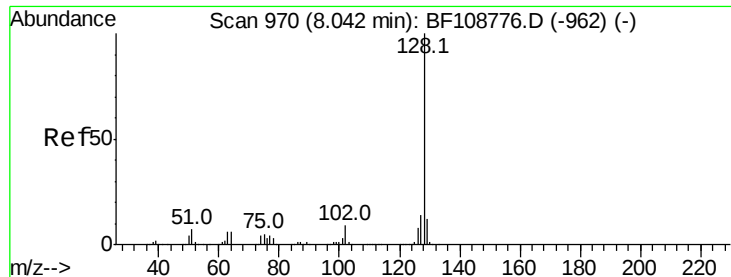
Acq: 11 Sep 2018 12:56

Tgt Ion:	180	Resp:	474721
Ion Ratio	Lower	Upper	
180	100		
182	99.5	76.8	115.2
145	32.4	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





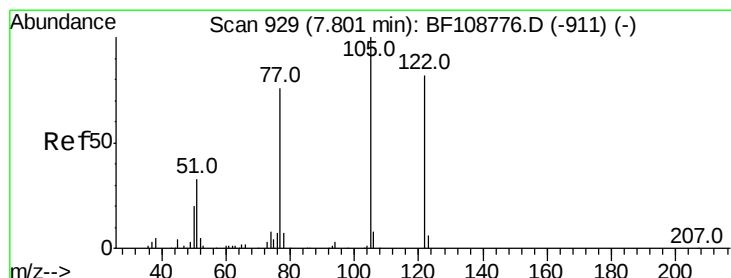
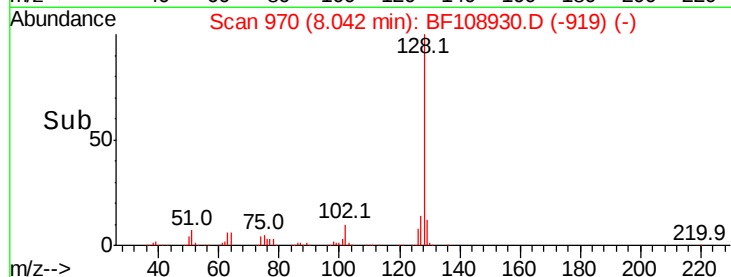
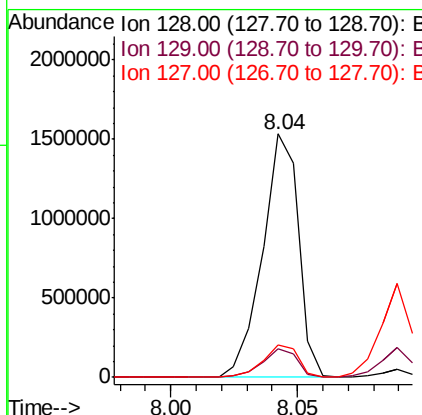
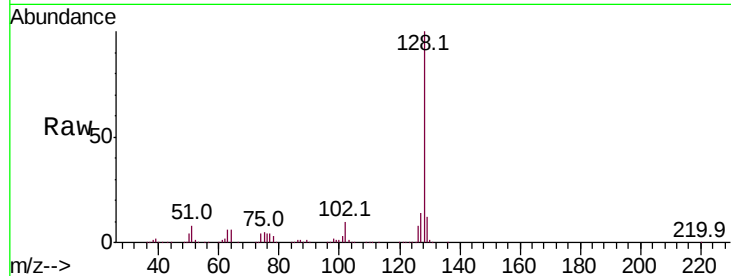
#31
Naphthalene
Concen: 51.235 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.6	10.9	16.3

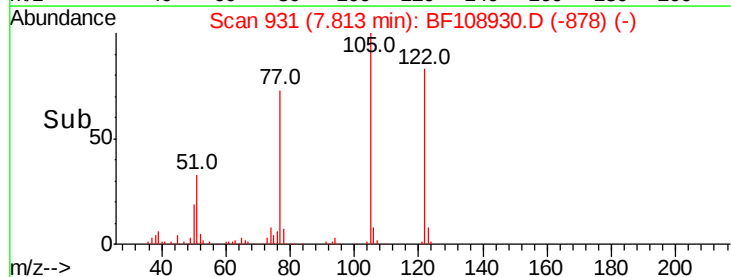
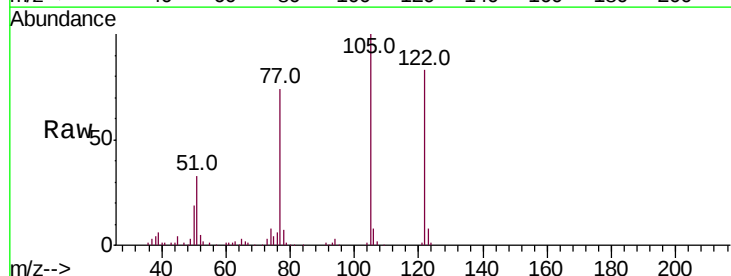
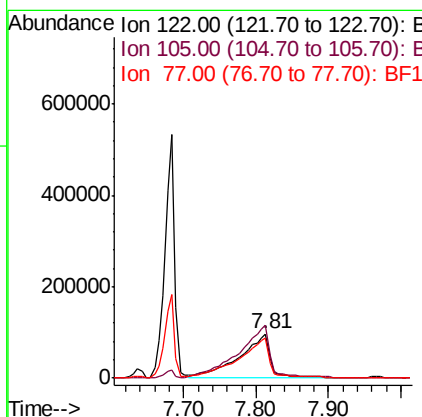
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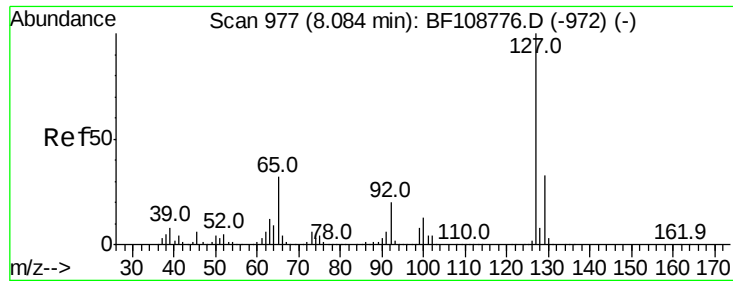
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#32
Benzoic acid
Concen: 47.581 ng
RT: 7.81 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	101.1	141.1
77	89.5	70.7	110.7





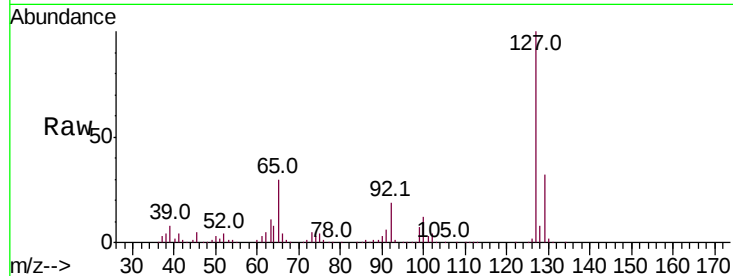
#33
4-Chloroaniline
Concen: 37.044 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	30.3	25.0	37.4	
92	19.0	15.2	22.8	

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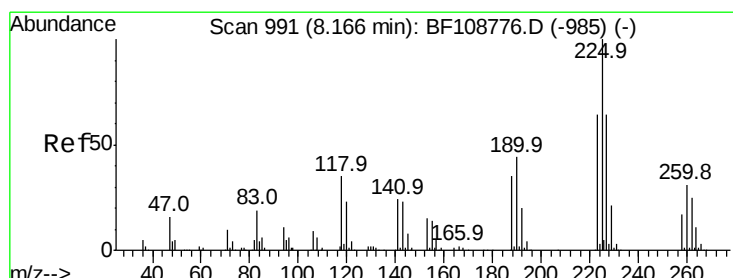
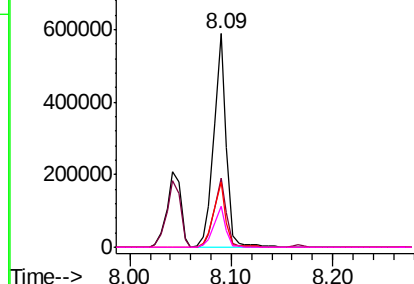
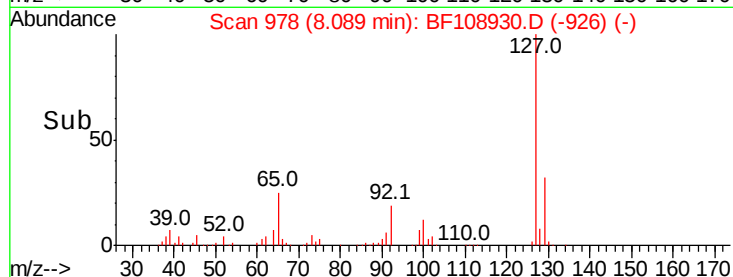
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

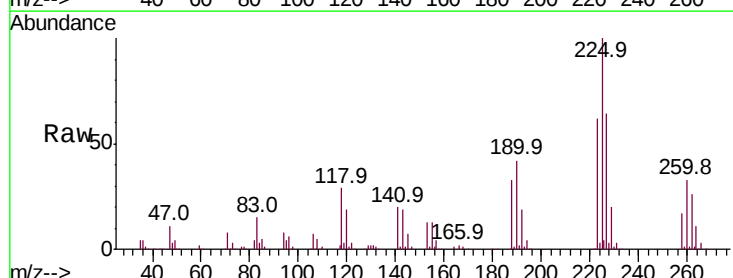
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 45.887 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	50.6	76.0	
227	63.6	51.9	77.9	

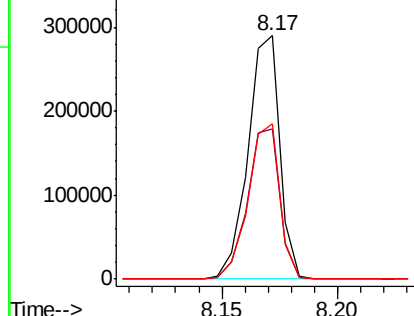
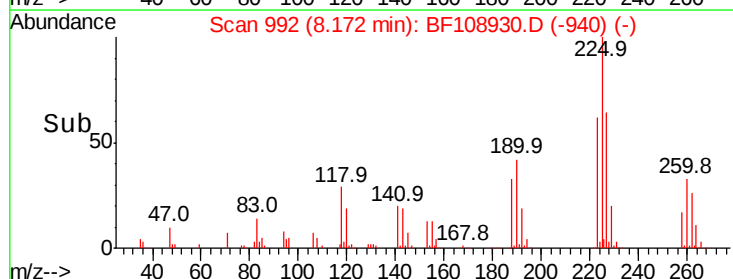


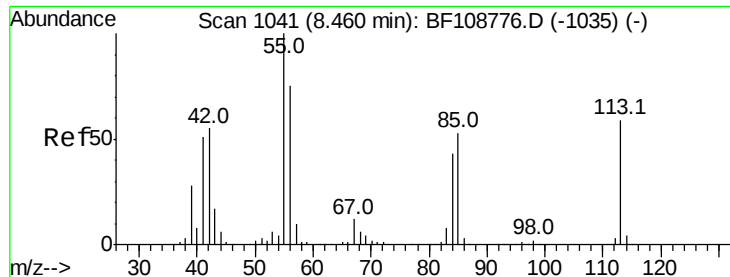
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





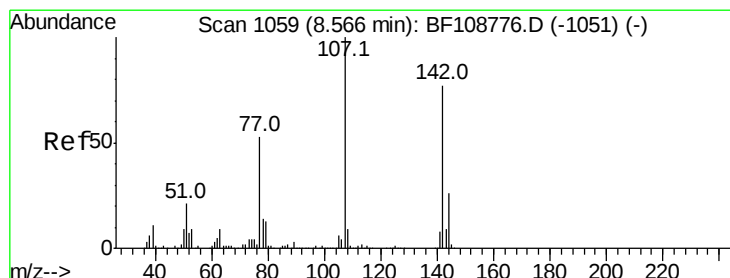
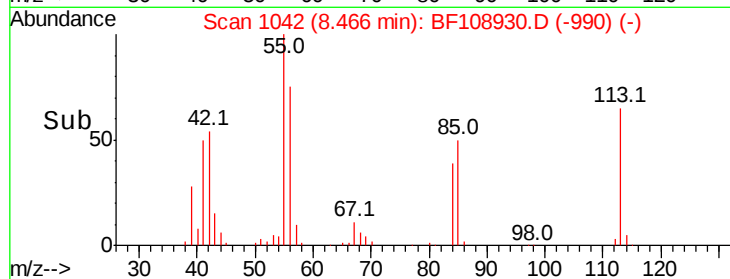
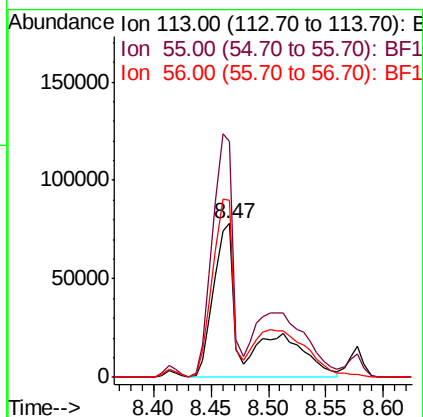
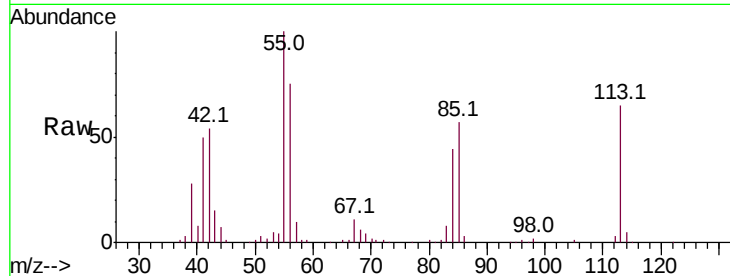
#35
 Caprolactam
 Concen: 49.819 ng/ml
 RT: 8.47 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleID :
 PB112743BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.7	163.3	203.3#
56	115.7	115.7	155.7#

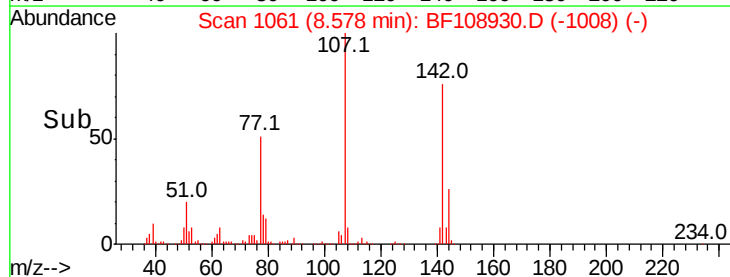
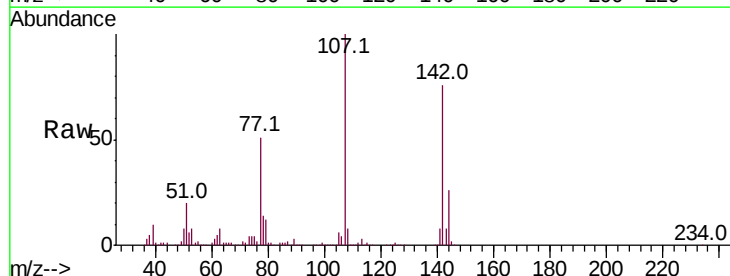
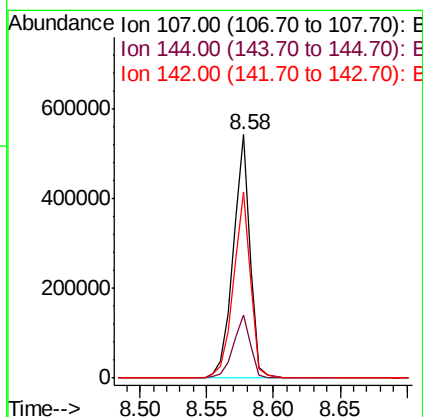
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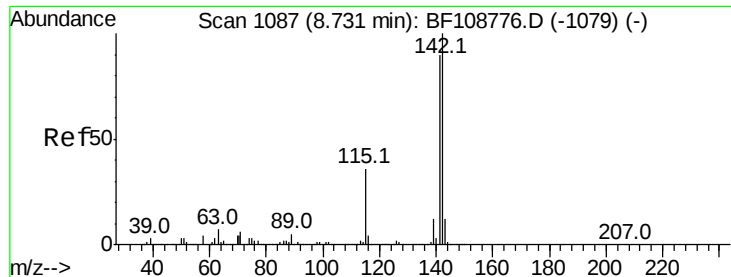
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#36
 4-Chloro-3-methylphenol
 Concen: 48.552 ng
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	76.5	62.0	93.0





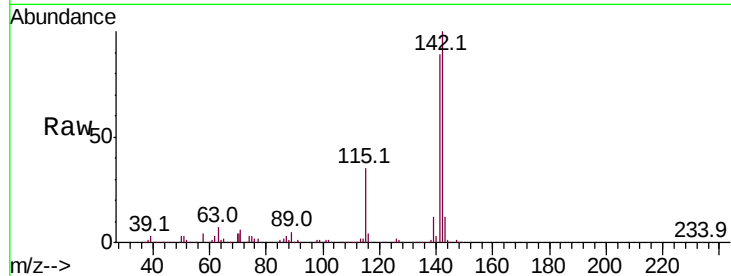
#37
2-Methylnaphthalene
Concen: 51.810 ng
RT: 8.74 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.3	26.1	39.1

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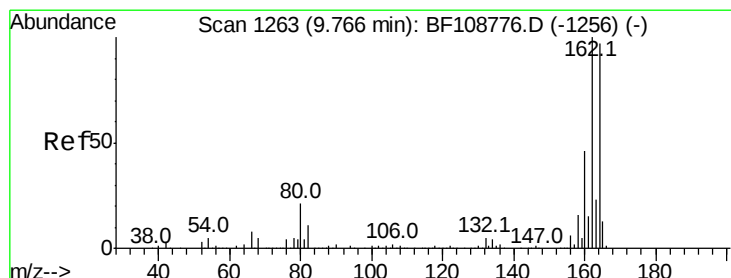
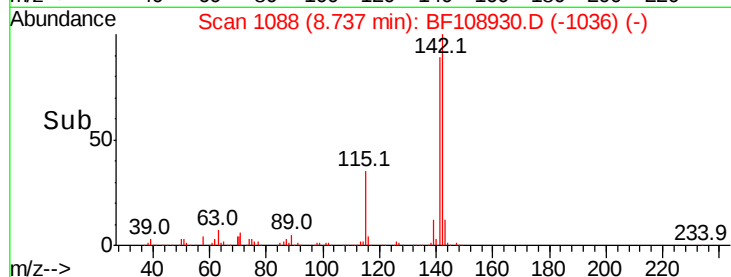
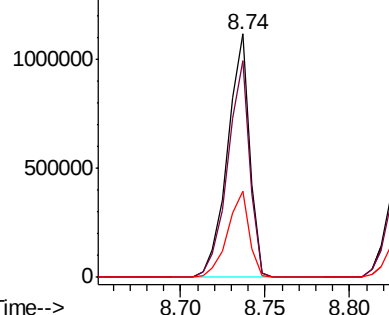


Abundance

Ion 142.00 (141.70 to 142.70): E

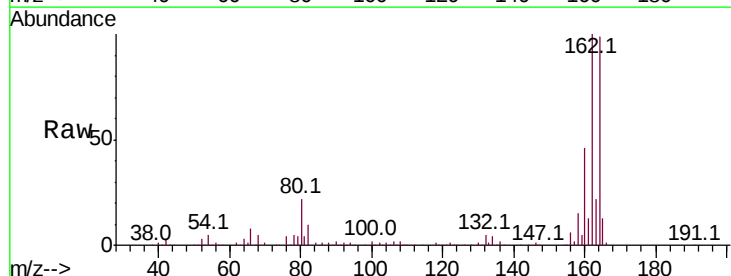
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.4	38.3	57.5

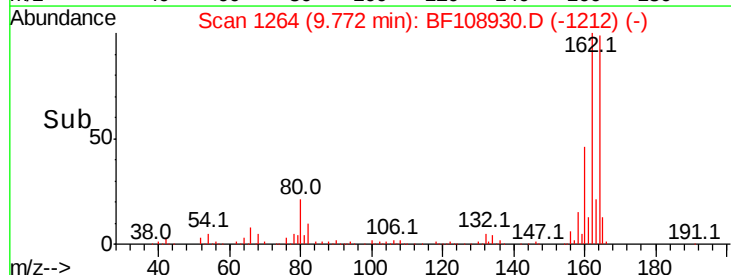
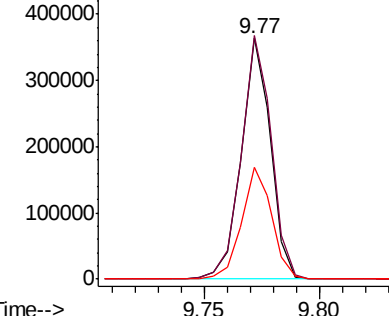


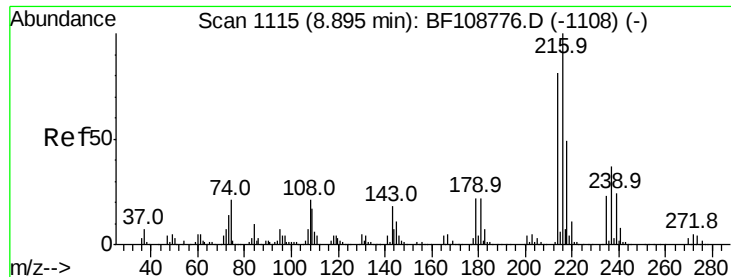
Abundance

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





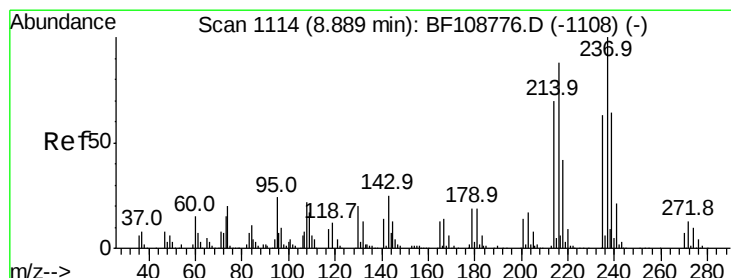
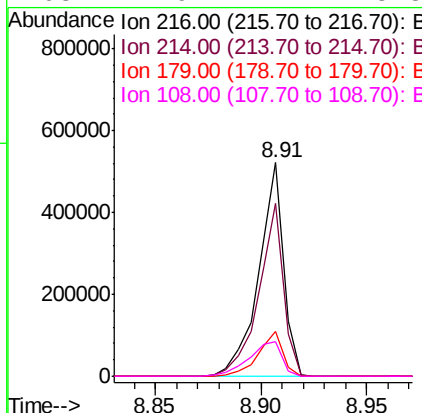
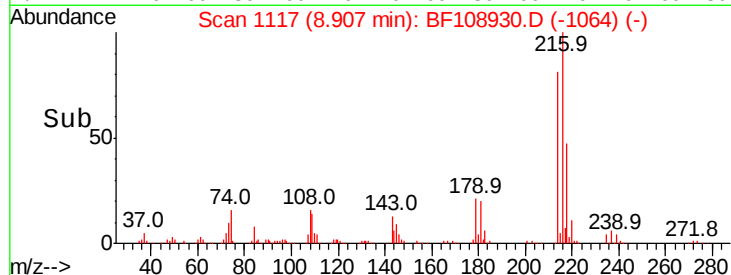
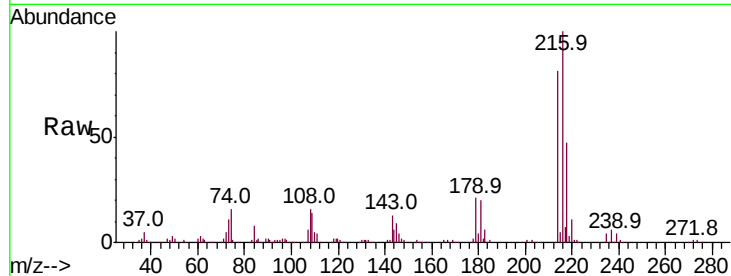
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.834 ng
 RT: 8.91 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	21.0	18.1	27.1
108	21.9	17.2	25.8

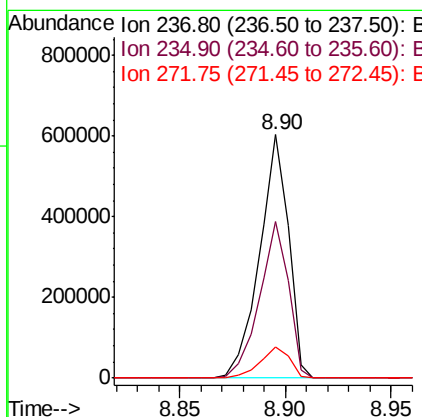
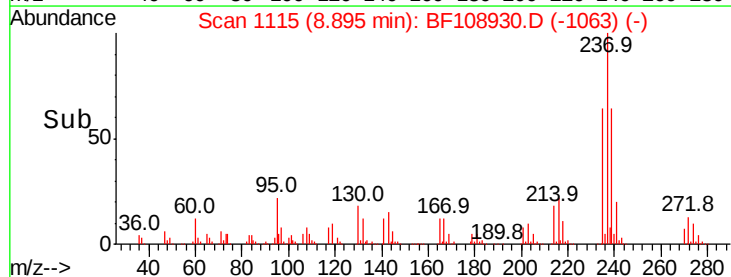
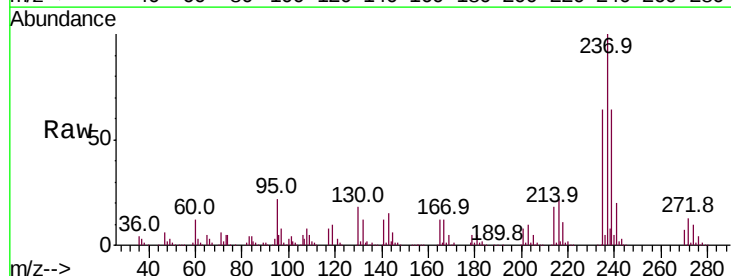
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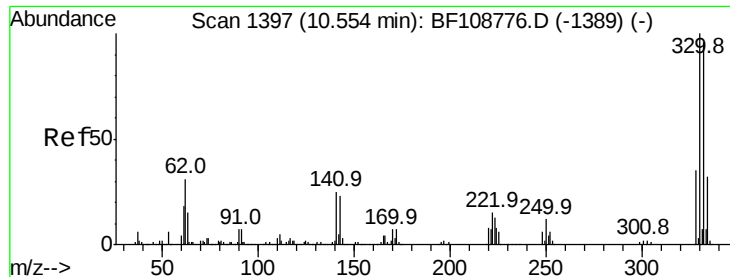
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#40
 Hexachlorocyclopentadiene
 Concen: 119.071 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.8	84.8
272	12.7	0.0	33.3





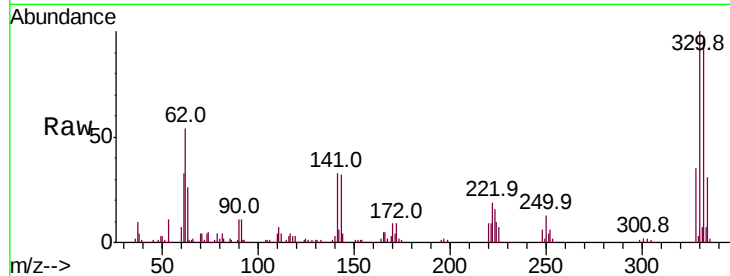
#41
 2,4,6-Tribromophenol
 Concen: 139.869 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

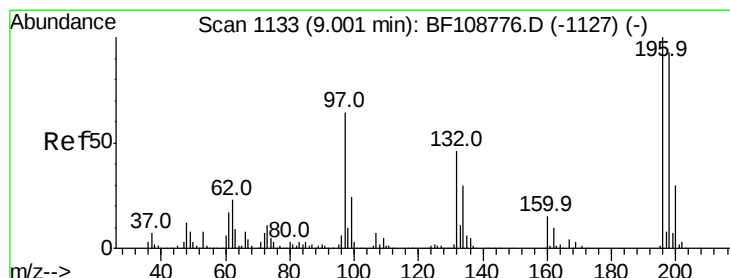
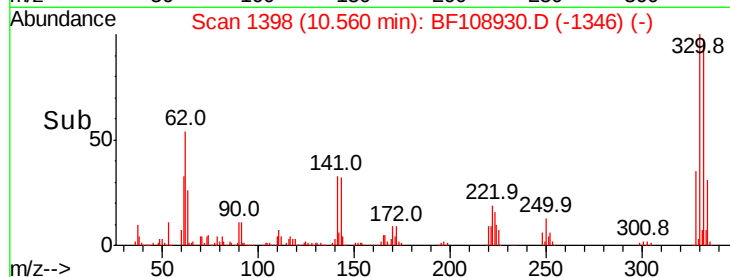
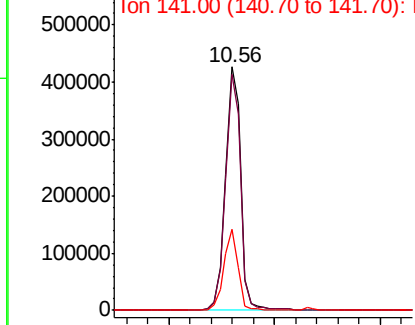
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	31.6	29.9	44.9	

Manual Integrations
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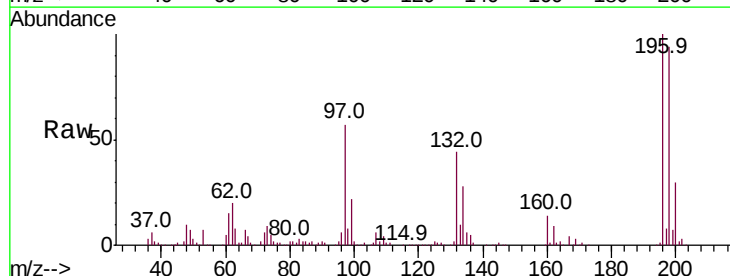


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

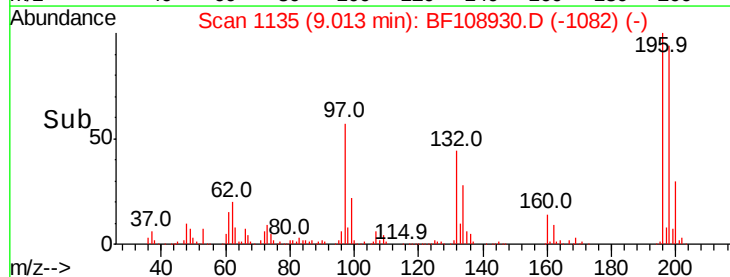
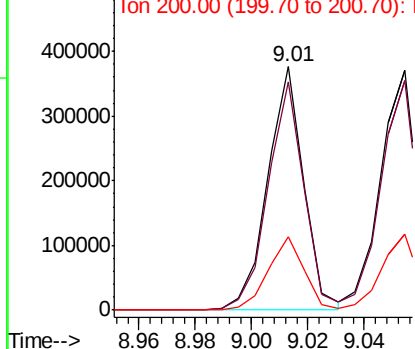


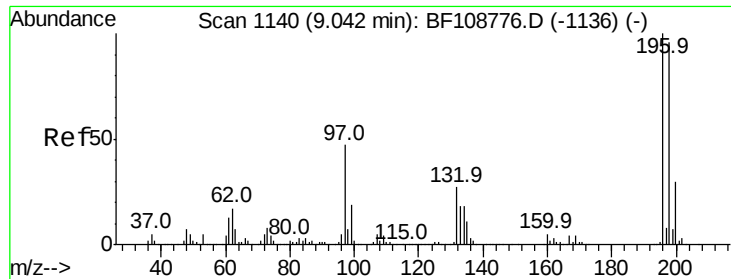
#42
 2,4,6-Trichlorophenol
 Concen: 50.672 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	75.7	113.5	
200	30.3	24.5	36.7	



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





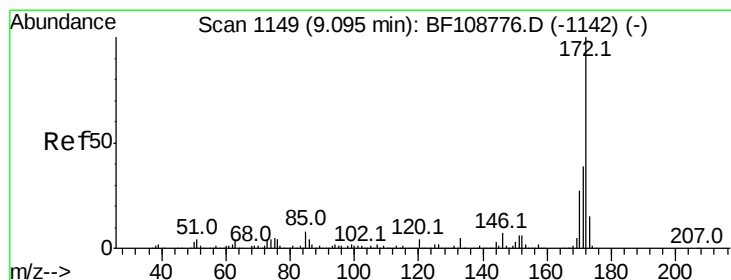
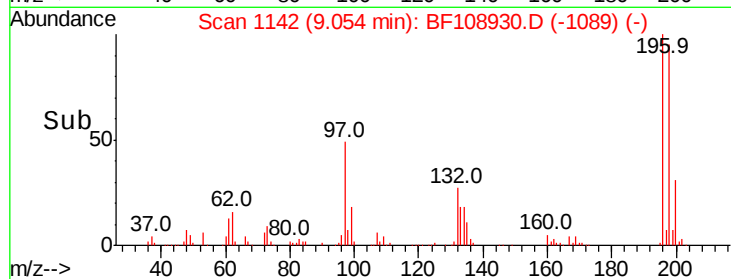
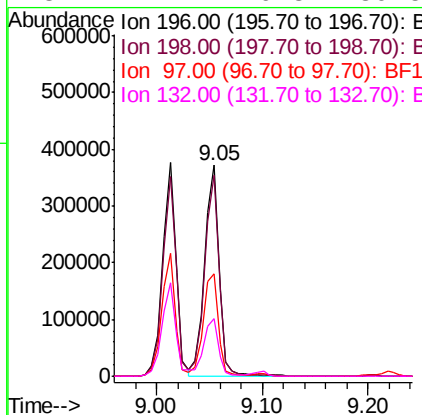
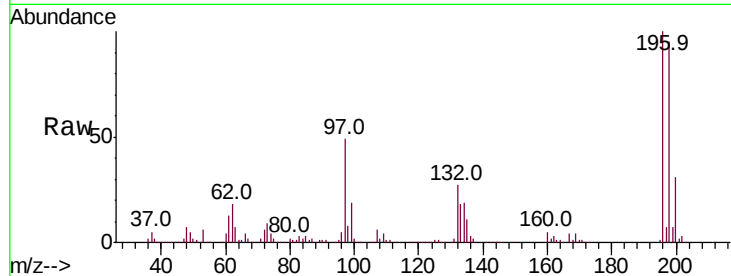
#43
 2,4,5-Trichlorophenol
 Concen: 51.951 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion:	196	Resp:	352394
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	48.8	42.9	64.3
132	27.4	26.3	39.5

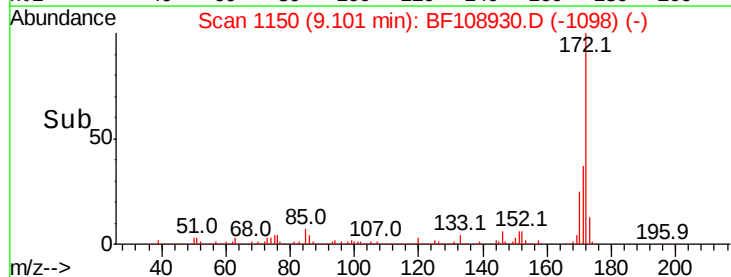
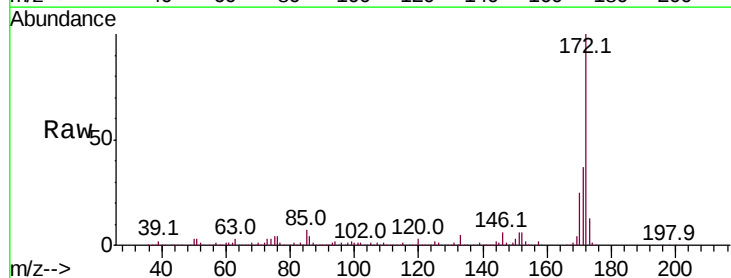
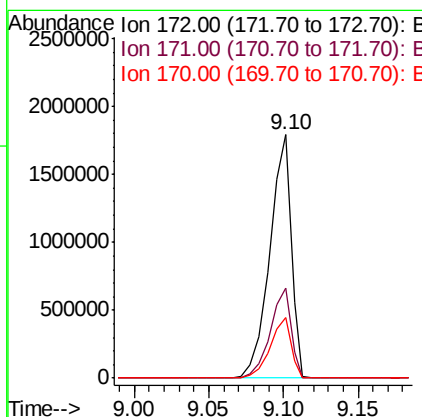
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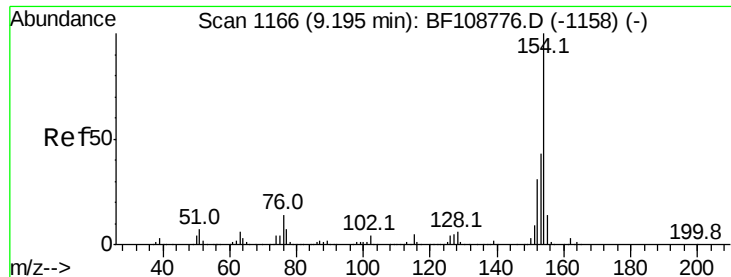
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#44
 2-Fluorobiphenyl
 Concen: 94.128 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion:	172	Resp:	1773309
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.7	44.5
170	25.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 48.330 ng

RT: 9.20 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

ClientSampleId :

PB112743BS

Tot Ion:154 Resp: 1195849

Ion Ratio Lower Upper

154 100

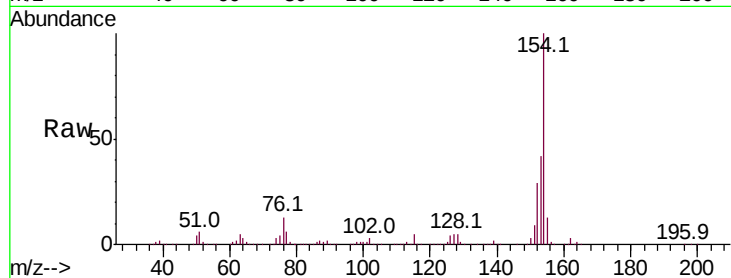
153 41.5 21.3 61.3

76 13.1 0.0 34.0

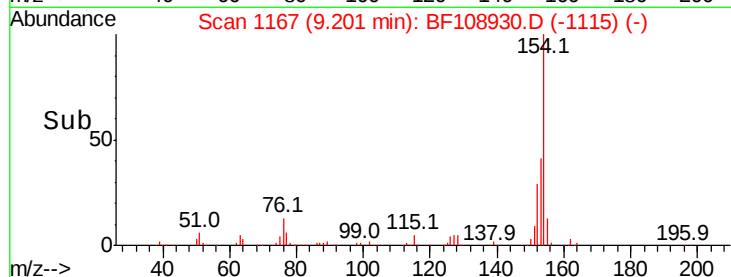
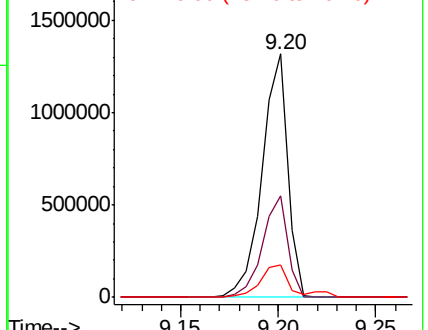
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 46.936 ng

RT: 9.22 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

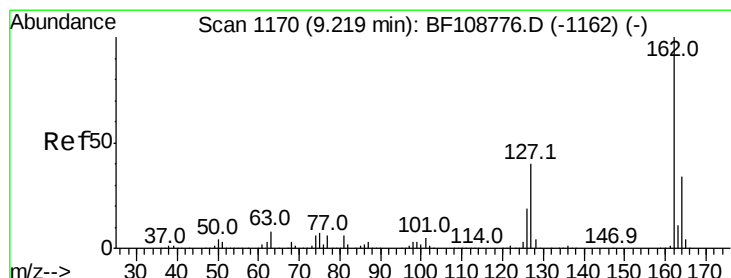
Tgt Ion:162 Resp: 939237

Ion Ratio Lower Upper

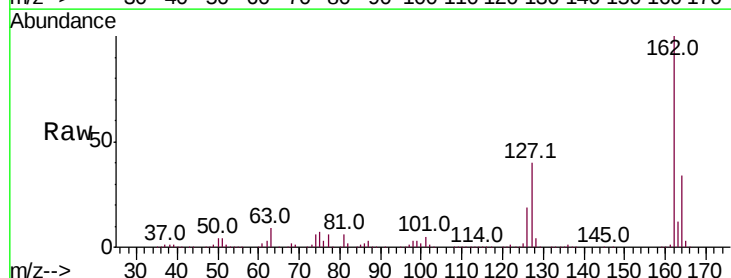
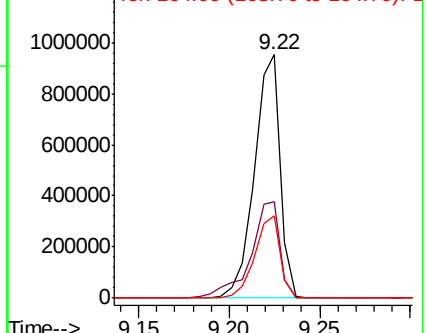
162 100

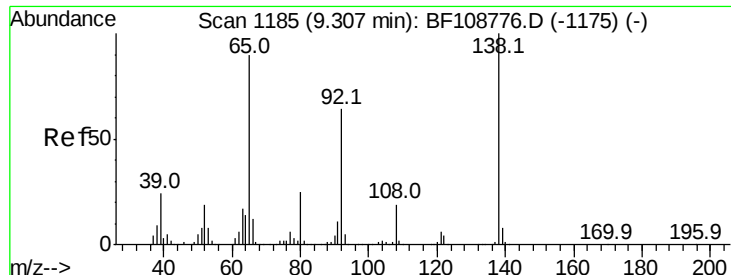
127 39.7 33.9 50.9

164 34.0 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





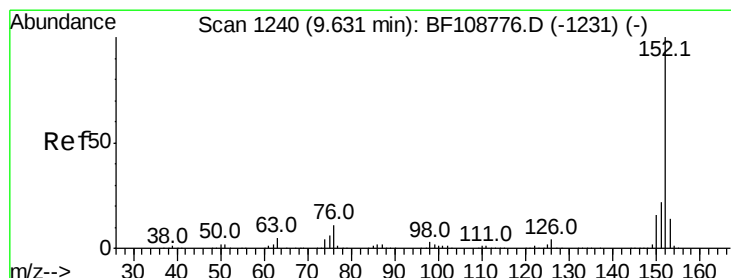
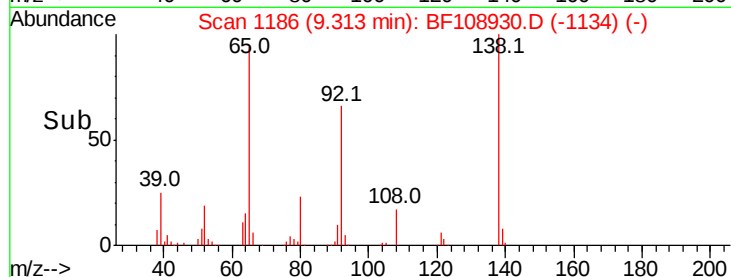
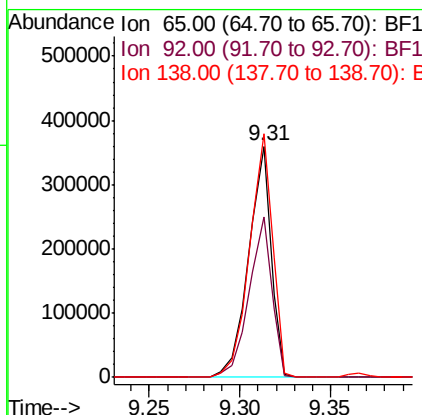
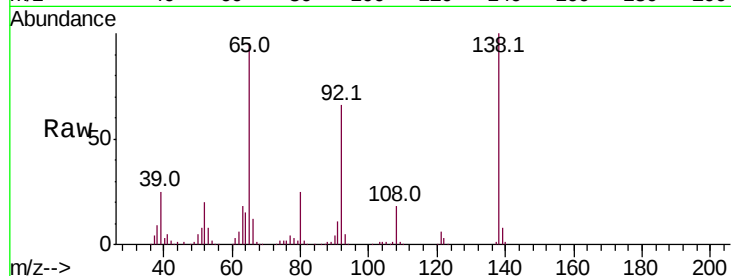
#47
2-Nitroaniline
Concen: 57.048 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.8	83.6
138	105.4	91.2	136.8

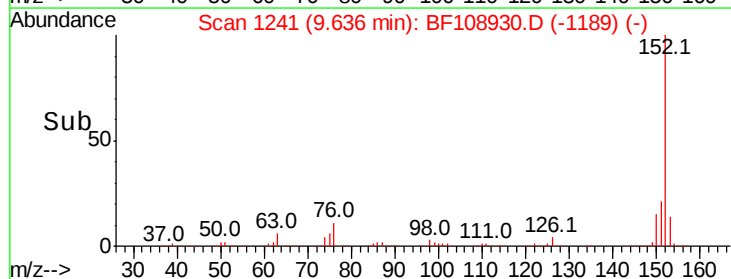
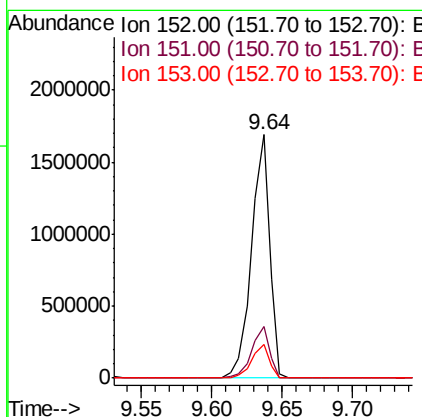
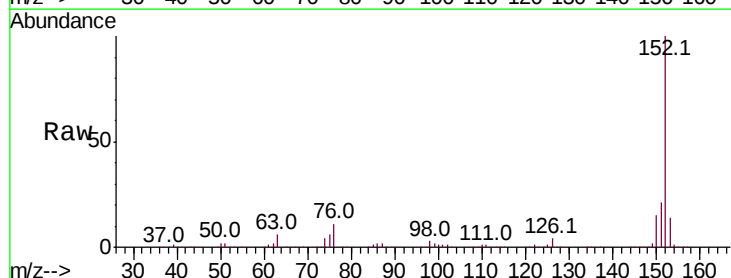
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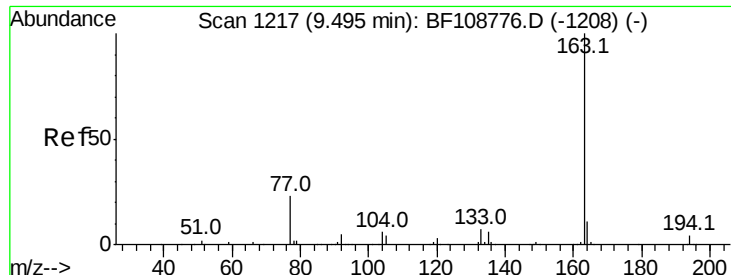
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#48
Acenaphthylene
Concen: 51.507 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1





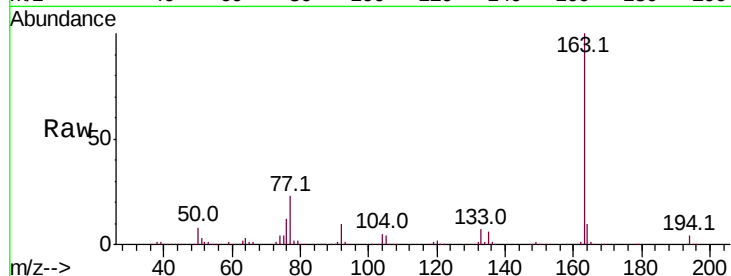
#49
Dimethylphthalate
Concen: 49.353 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

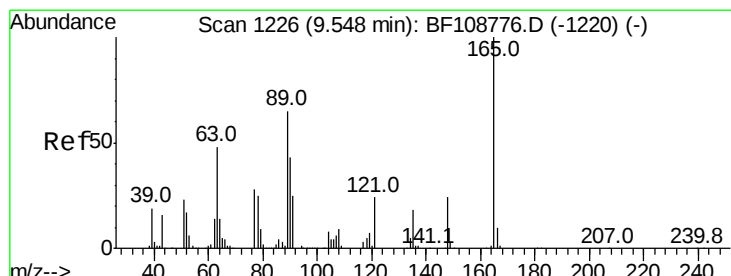
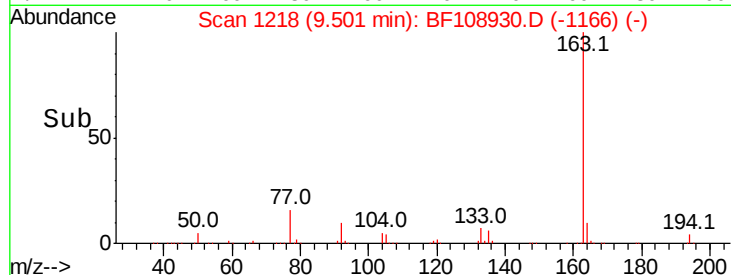
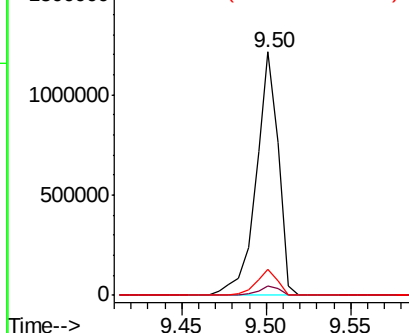
Tot Ion:163 Resp: 1109429
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

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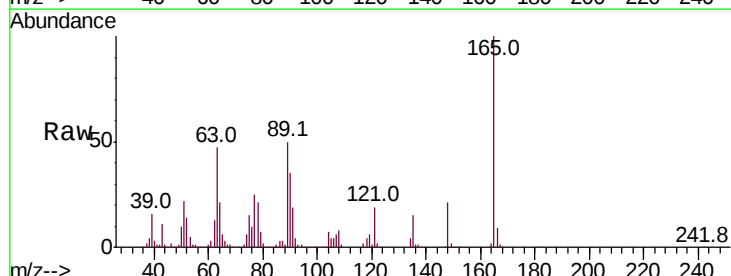


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

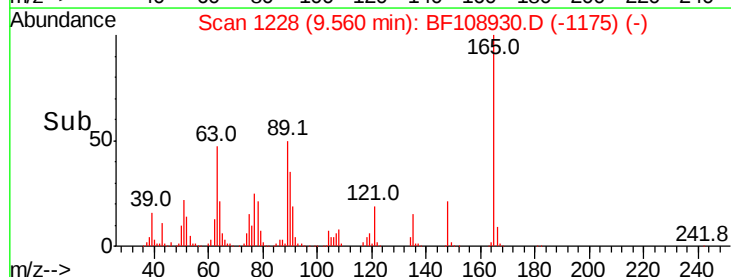
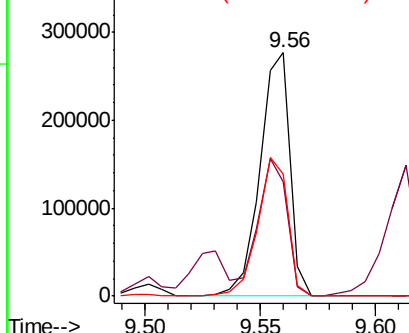


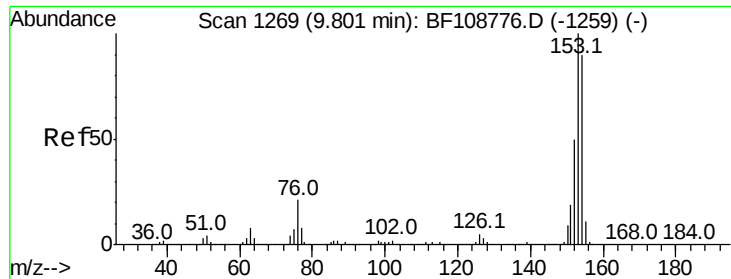
#50
2,6-Dinitrotoluene
Concen: 58.809 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion:165 Resp: 251903
Ion Ratio Lower Upper
165 100
63 46.7 44.7 67.1
89 50.1 44.0 66.0



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





#51

Acenaphthene

Concen: 48.657 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

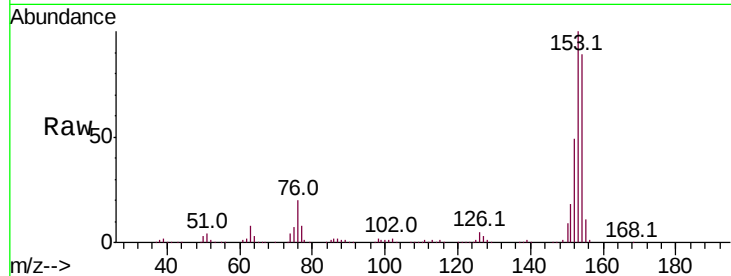
ClientSampleId :

PB112743BS

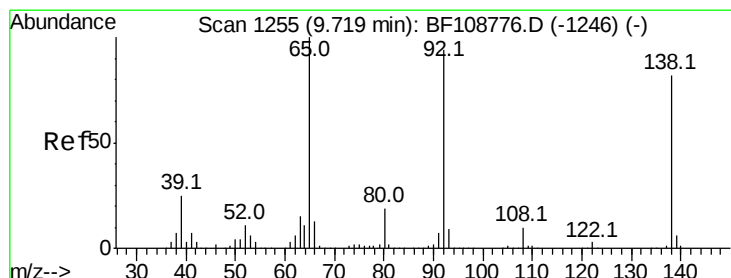
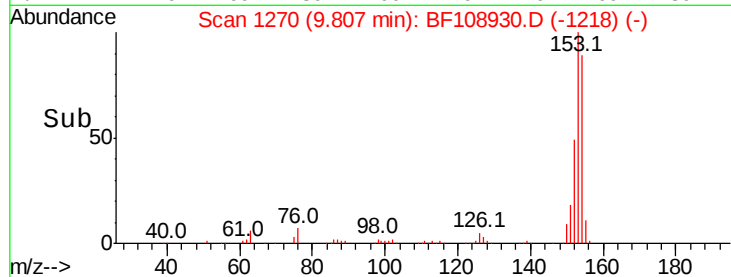
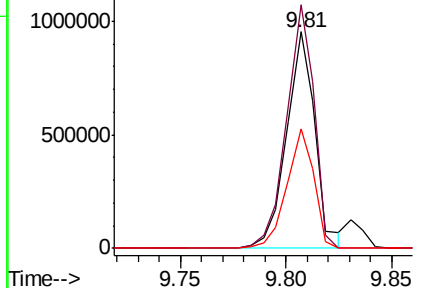
Tot Ion:	154	Resp:	898116
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	55.3	43.8	65.8

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



#52

3-Nitroaniline

Concen: 44.702 ng

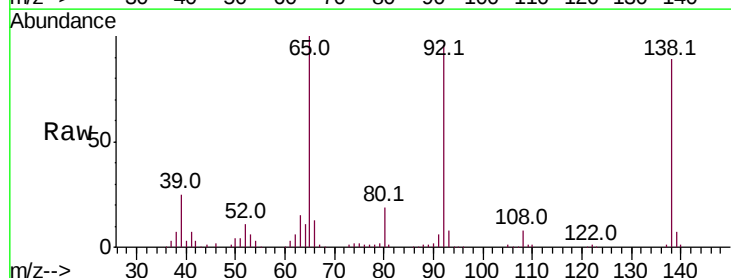
RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

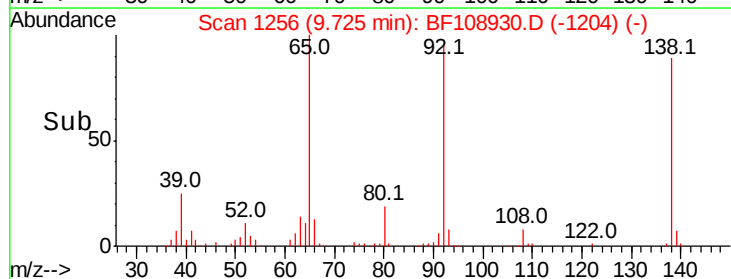
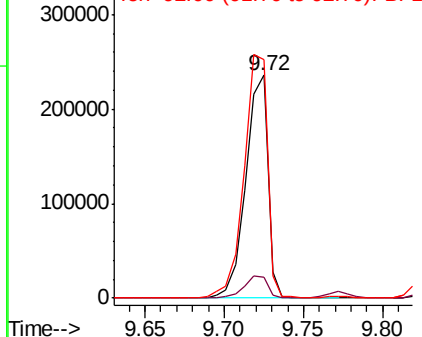
Lab File: BF108930.D

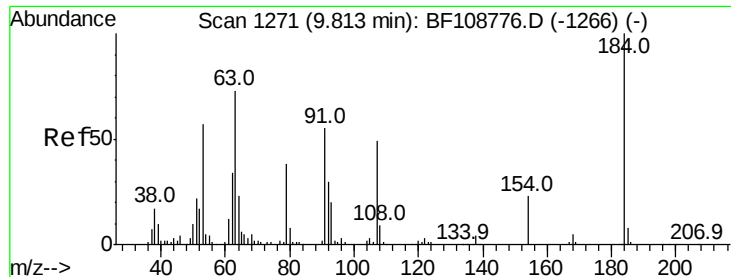
Acq: 11 Sep 2018 12:56

Tgt Ion:	138	Resp:	227931
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.4	14.0
92	107.3	89.4	134.2



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





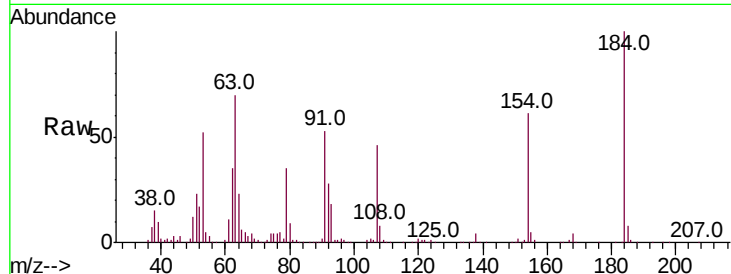
#53
 2,4-Dinitrophenol
 Concen: 114.495 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	187296		
63	70.0	54.2	81.2	
154	60.6	184.0	276.0#	

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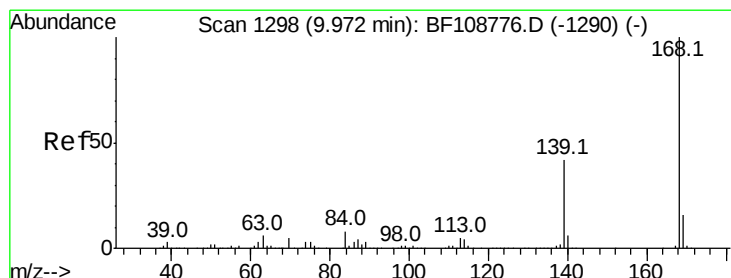
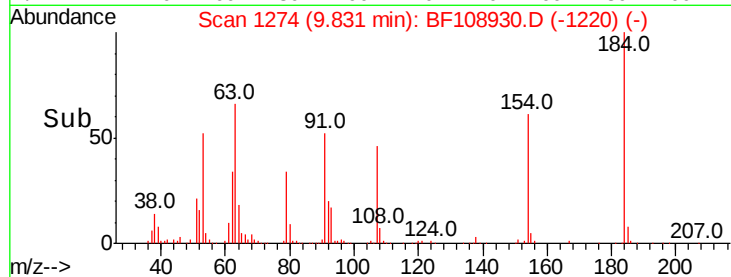
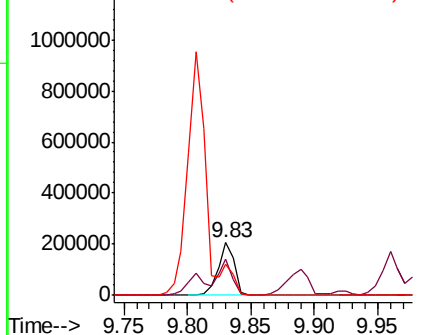


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 48.581 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

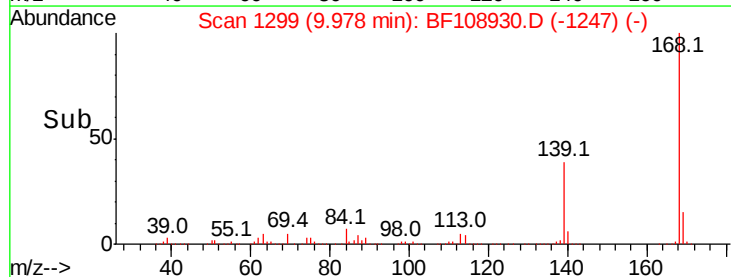
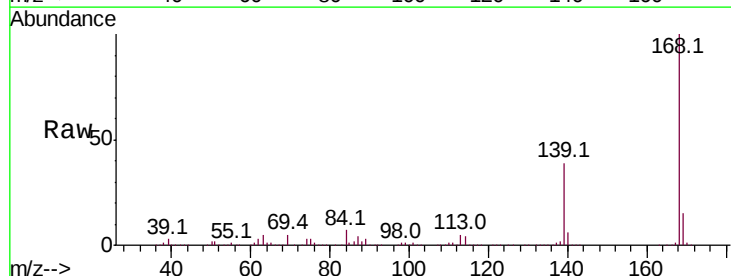
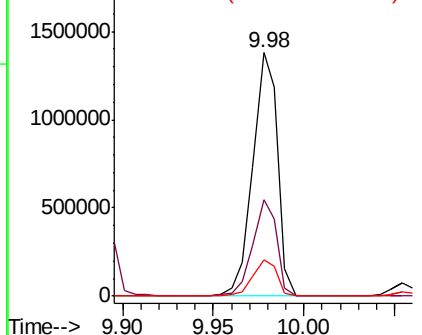
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1307125		
139	39.4	30.1	45.1	
169	15.0	10.9	16.3	

Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





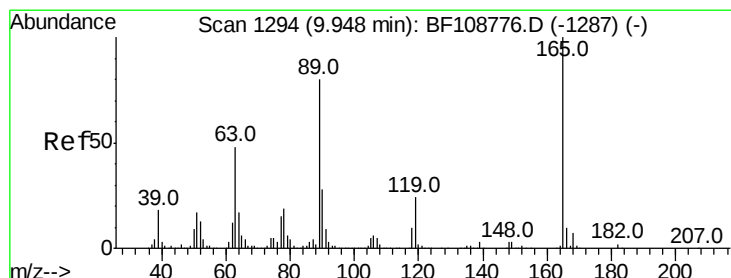
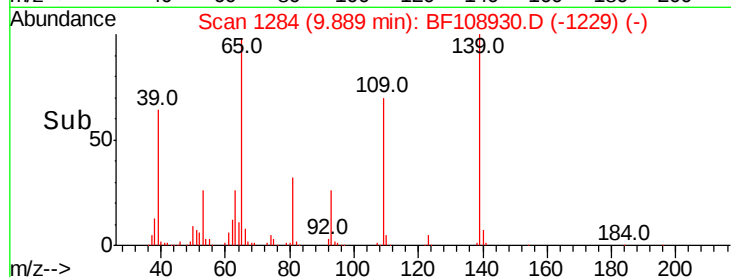
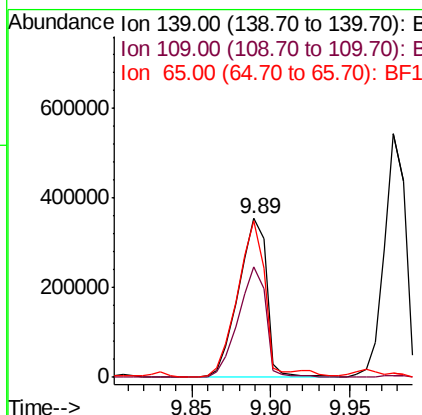
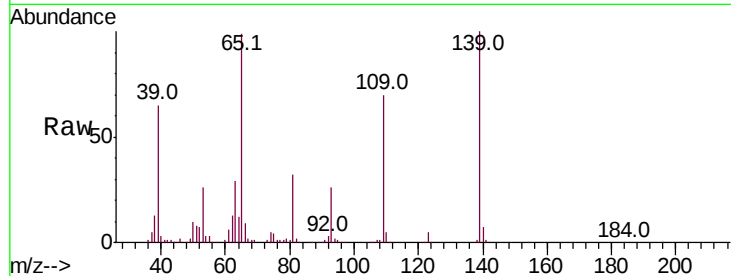
#55
4-Nitrophenol
Concen: 115.275 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.6	48.4	88.4	
65	98.5	72.6	112.6	

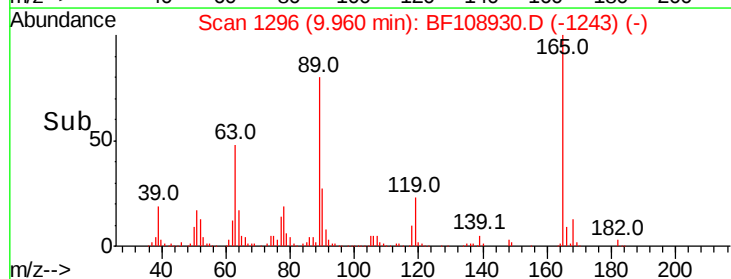
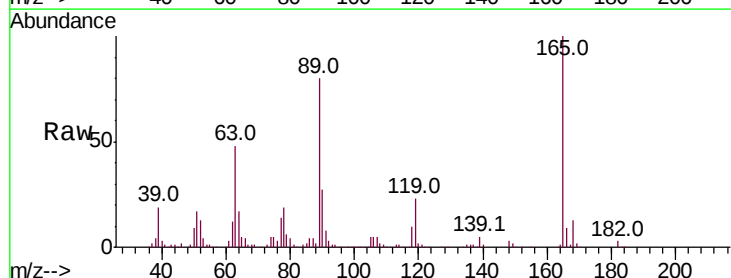
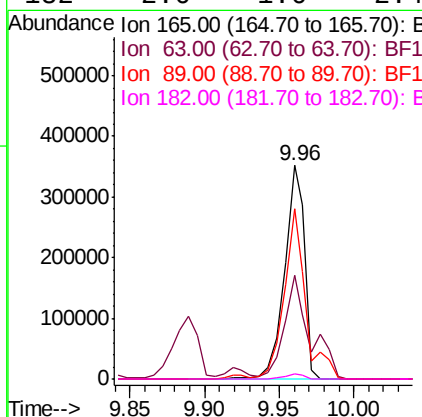
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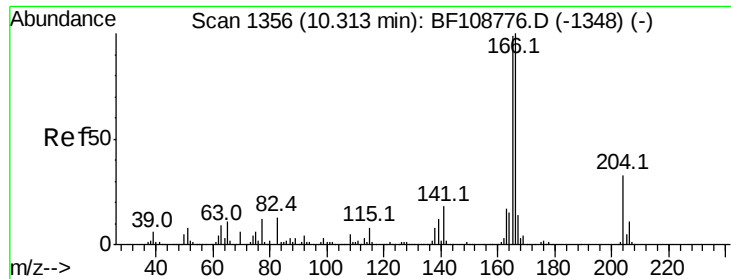
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#56
2,4-Dinitrotoluene
Concen: 60.846 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.4	36.4	54.6	
89	79.9	57.8	86.6	
182	2.6	1.6	2.4	#





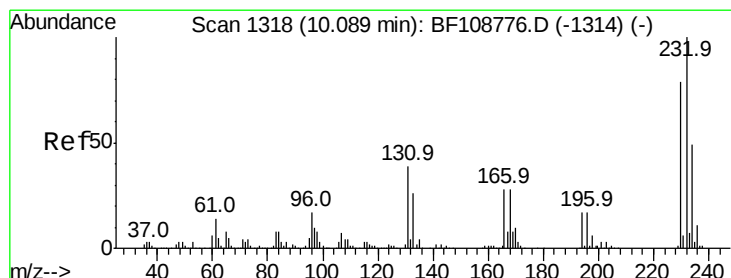
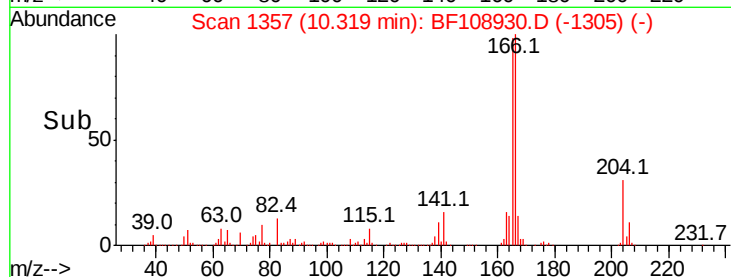
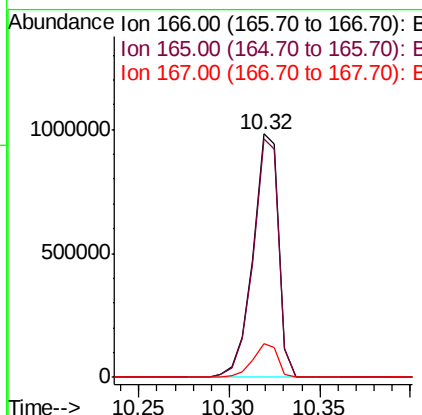
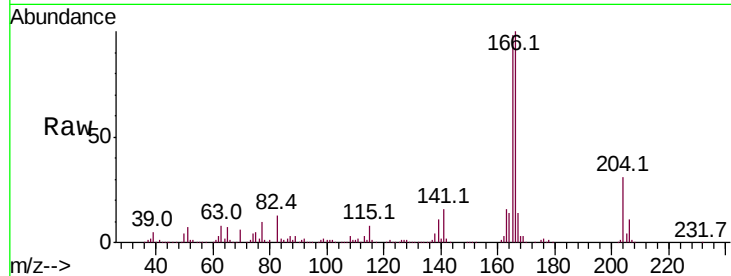
#57
 Fluorene
 Concen: 55.794 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampled :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	79.8	119.8	
167	13.8	10.6	16.0	

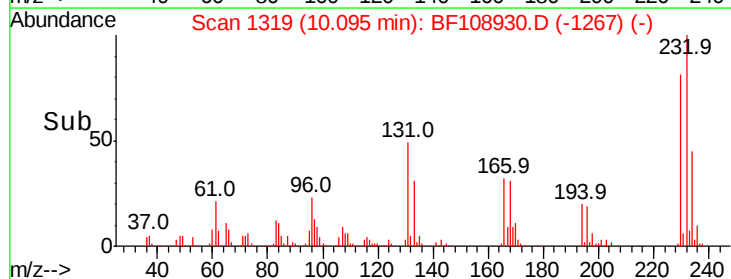
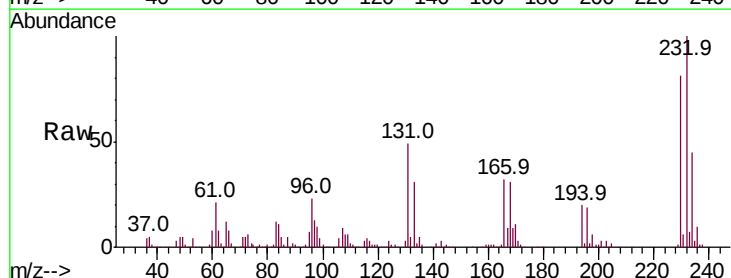
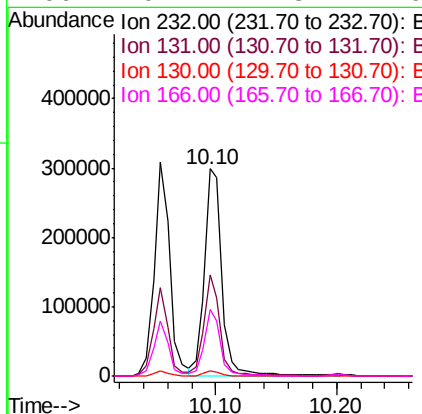
Manual Integrations
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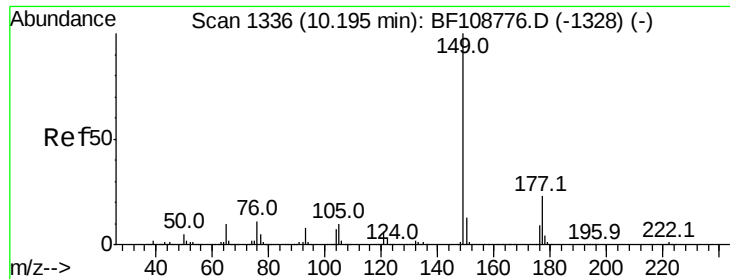
Sohil
 9/12/2018 9:11:44 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.374 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.7	43.8	65.8	
130	2.2	2.1	3.1	
166	29.2	27.8	41.6	





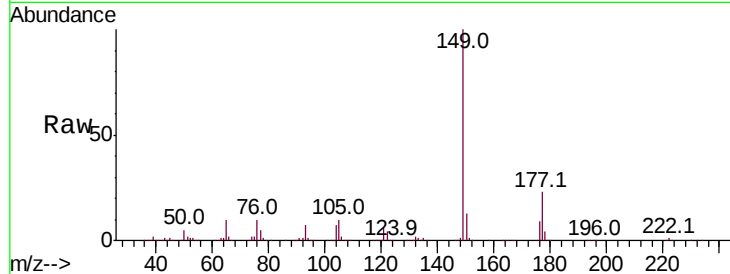
#59
Diethylphthalate
Concen: 47.269 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.1	24.1
150	12.9	10.1	15.1

Manual Integrations
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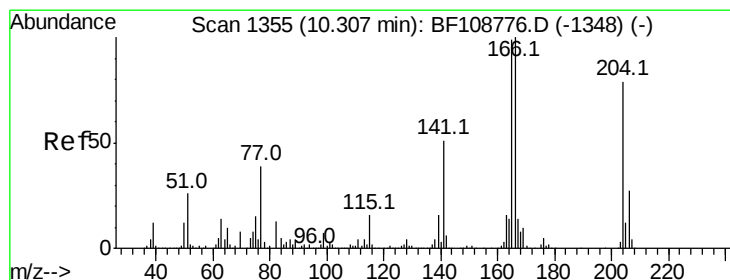
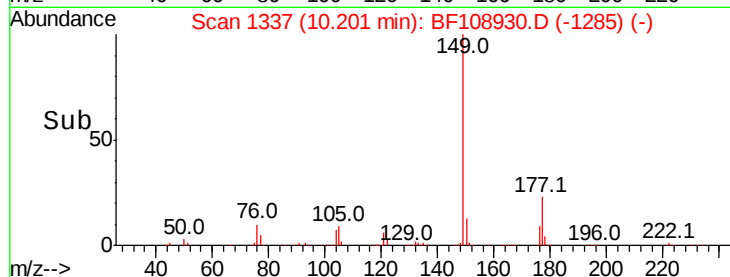
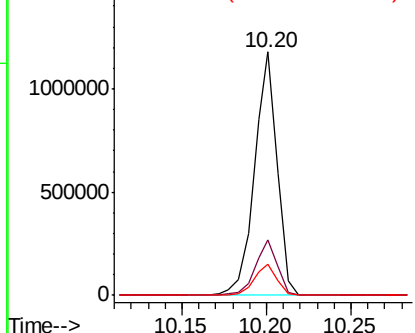


Abundance

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: 49.580 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

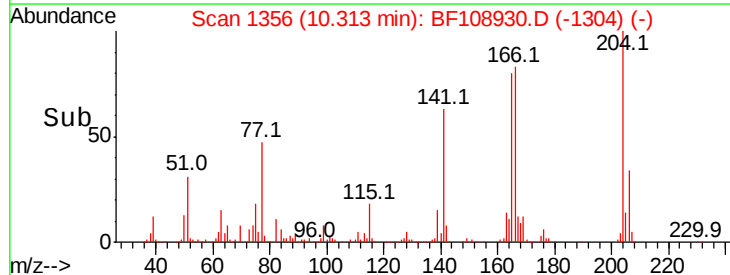
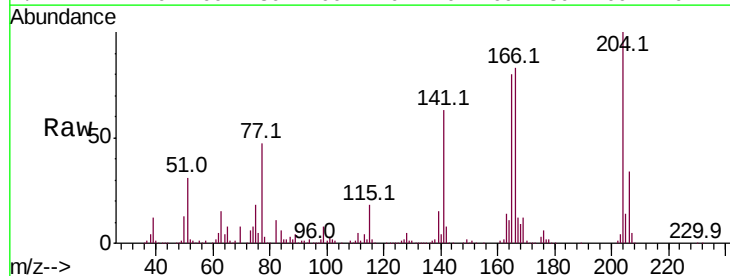
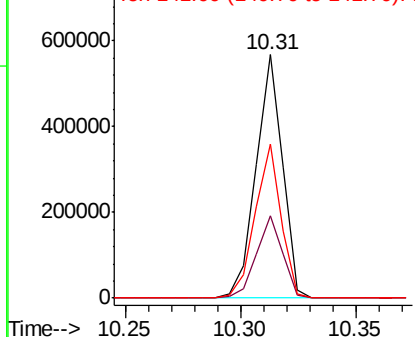
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	63.2	54.6	81.8

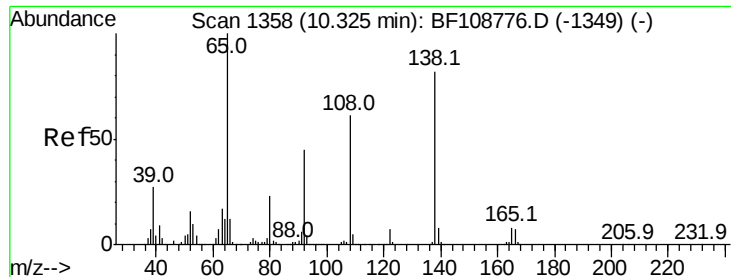
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





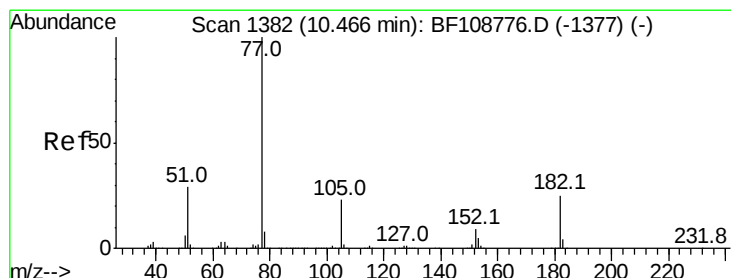
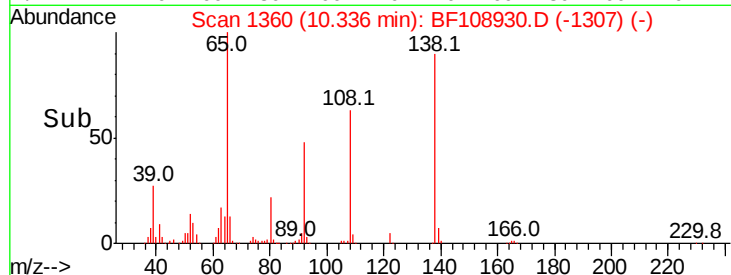
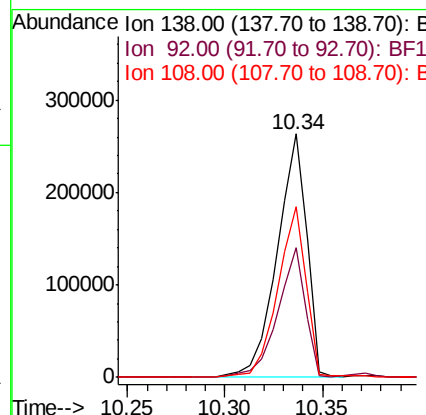
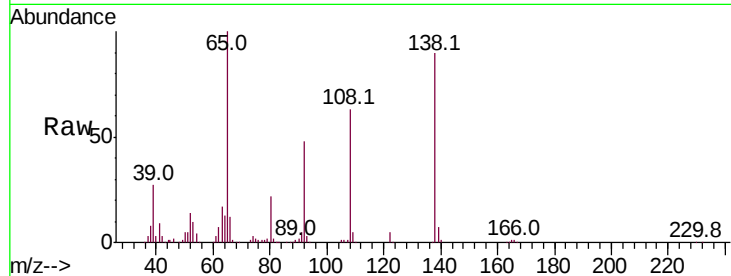
#61
4-Nitroaniline
Concen: 59.828 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.2	70.2
108	70.2	52.5	92.5

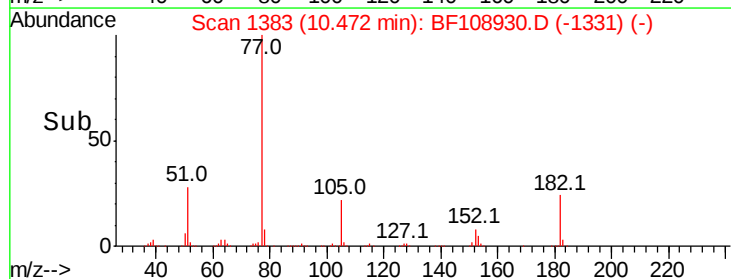
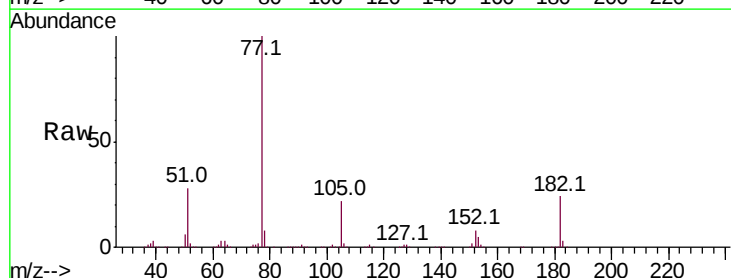
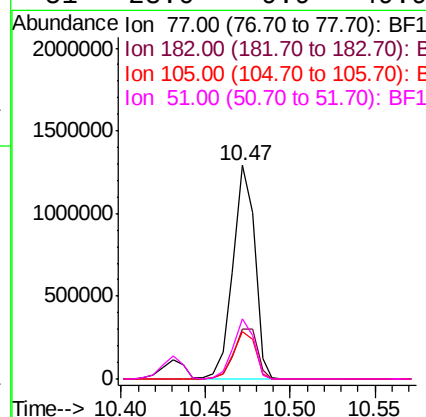
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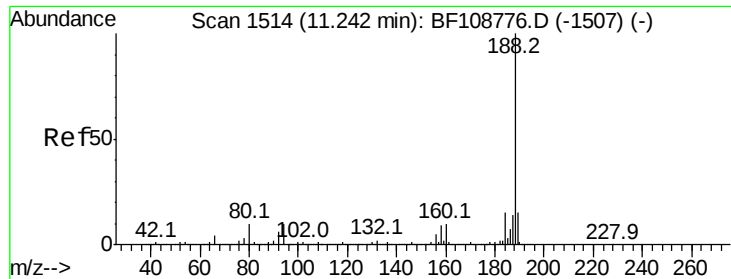
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#62
Azobenzene
Concen: 48.204 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	22.0	3.0	43.0
51	28.0	9.9	49.9





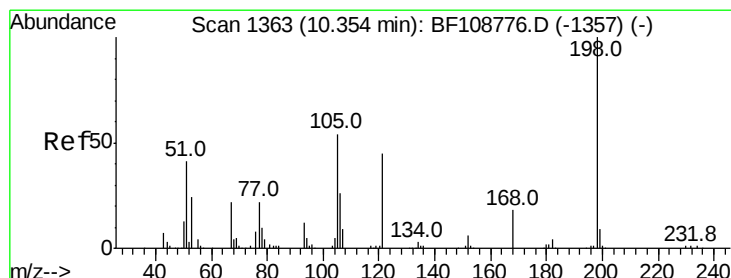
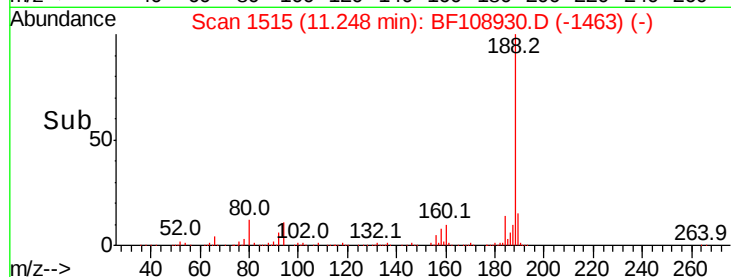
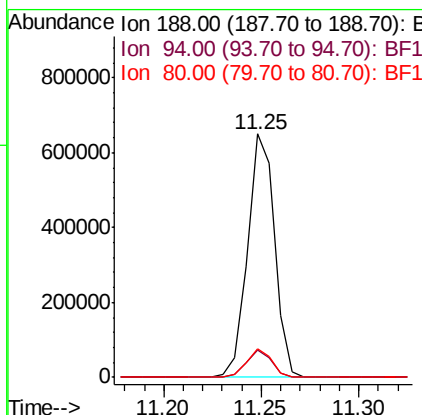
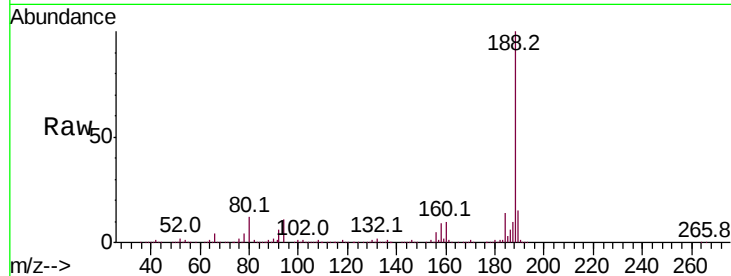
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	623288		
94	11.1		8.5	12.7
80	11.6		9.2	13.8

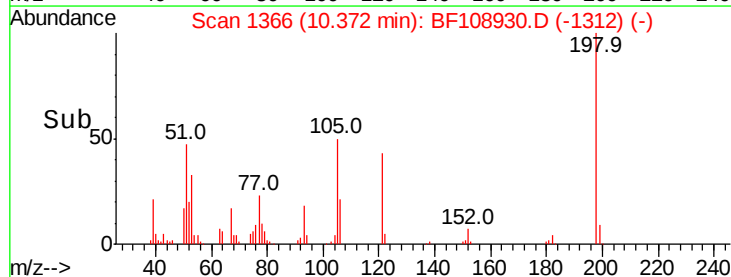
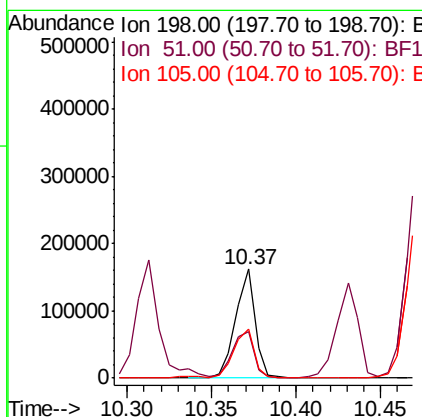
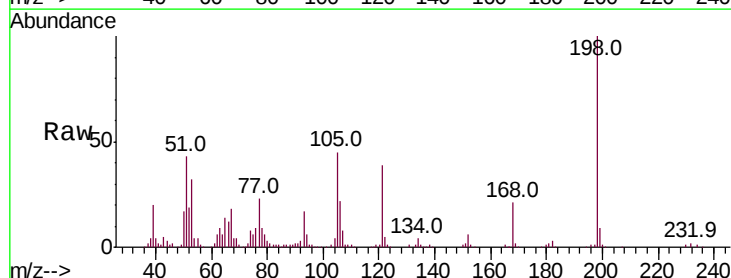
Manual Integrations
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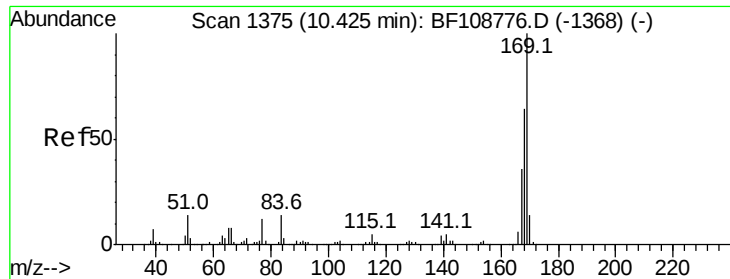
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 52.508 ng
RT: 10.37 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	130548		
51	42.5		37.7	77.7
105	45.0		36.3	76.3





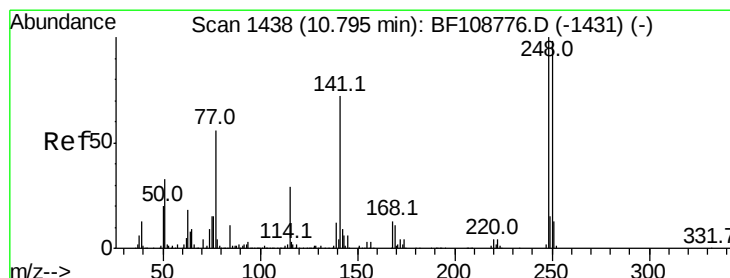
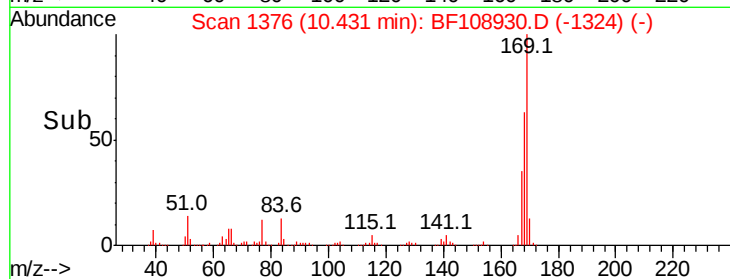
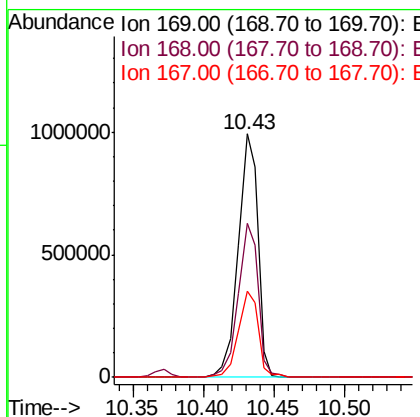
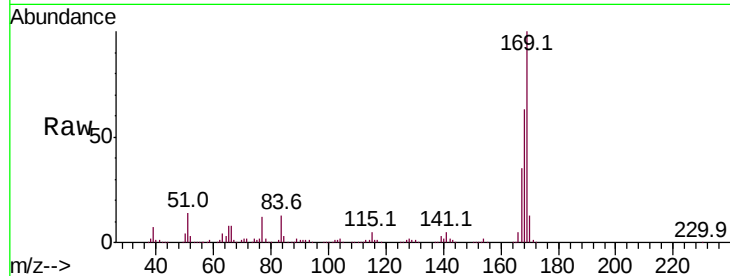
#65
n-Nitrosodiphenylamine
Concen: 46.295 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.4	54.4	81.6	
167	35.2	29.8	44.6	

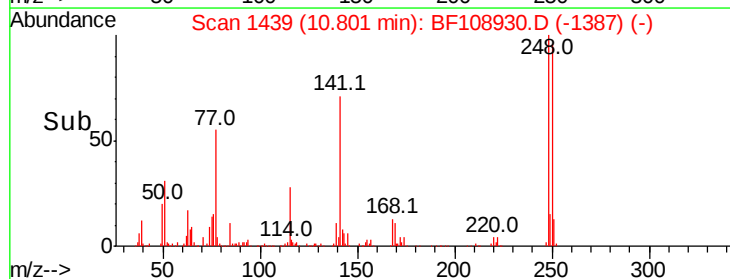
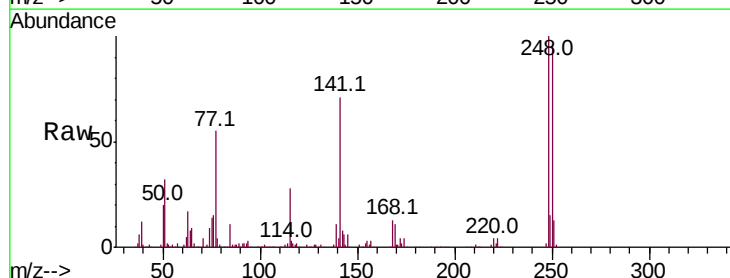
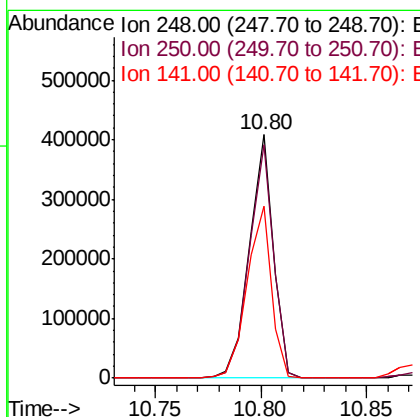
Manual Integrations
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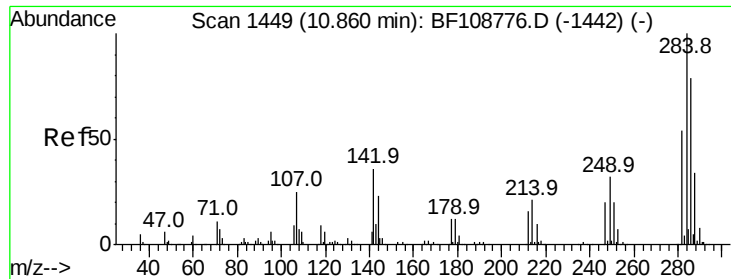
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#66
4-Bromophenyl-phenylether
Concen: 46.017 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.9	76.9	115.3	
141	70.7	74.4	111.6#	





#67

Hexachlorobenzene

Concen: 45.963 ng

RT: 10.87 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

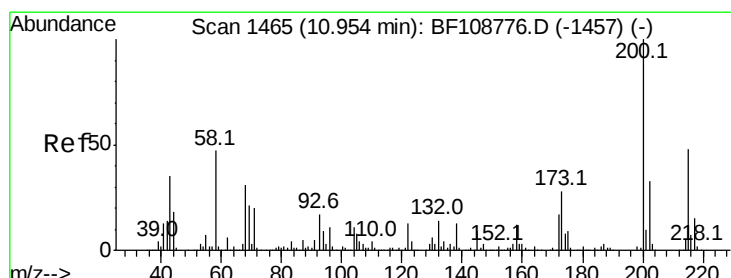
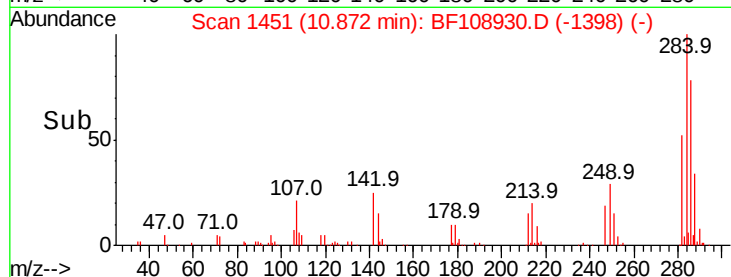
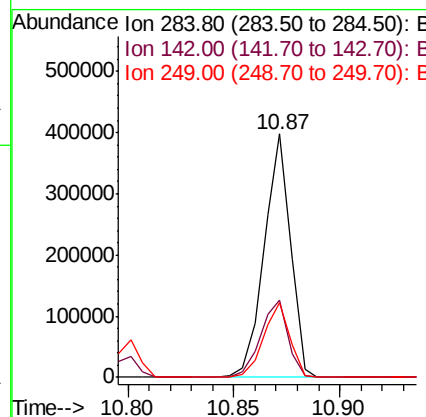
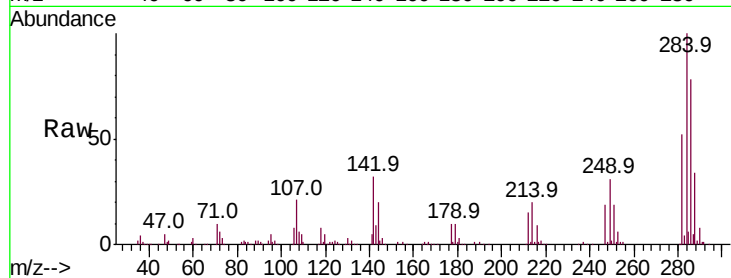
ClientSampleId :

PB112743BS

Tot Ion:	284	Resp:	345409
Ion Ratio	Lower	Upper	
284	100		
142	31.9	34.6	52.0#
249	30.7	24.8	37.2

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#68

Atrazine

Concen: 49.780 ng

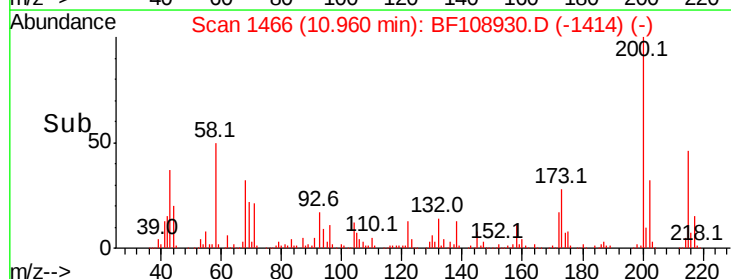
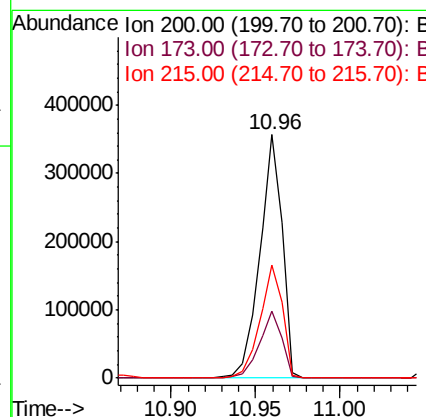
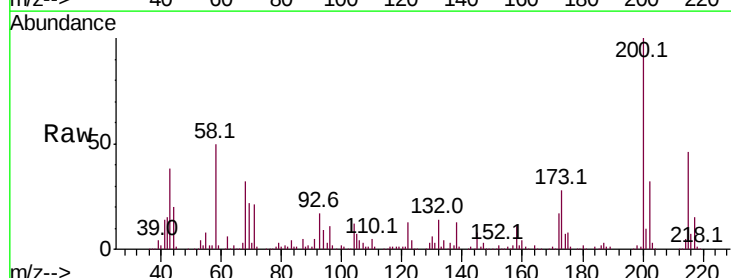
RT: 10.96 min Scan# 1466

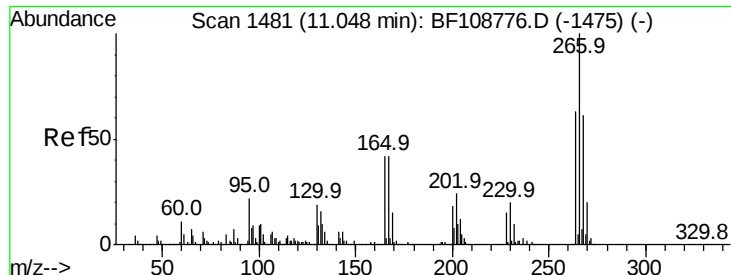
Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Tgt Ion:	200	Resp:	330242
Ion Ratio	Lower	Upper	
200	100		
173	27.6	8.6	48.6
215	46.4	25.1	65.1





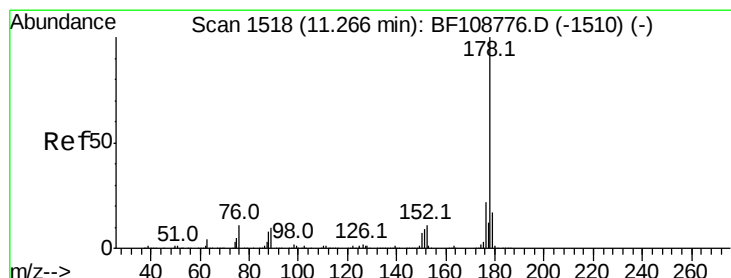
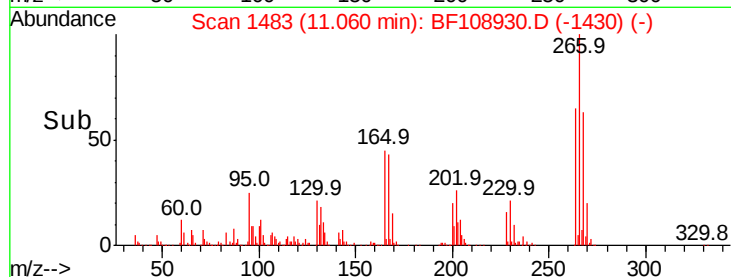
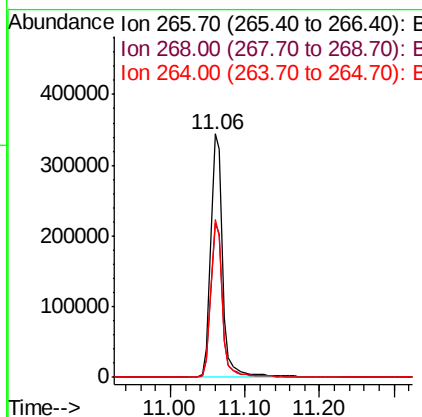
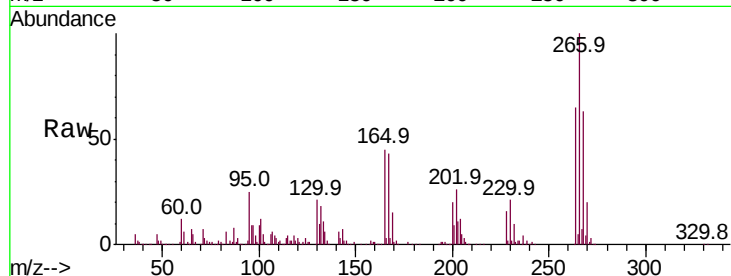
#69
 Pentachlorophenol
 Concen: 83.031 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	51.1	76.7	
264	64.6	49.5	74.3	

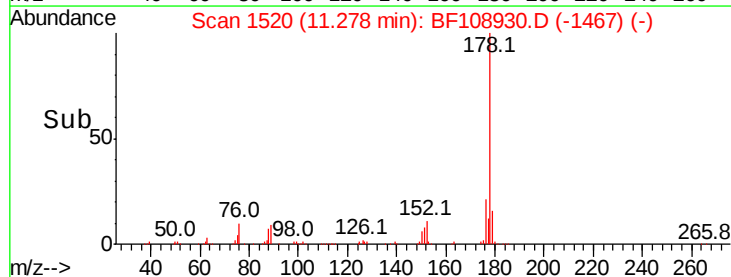
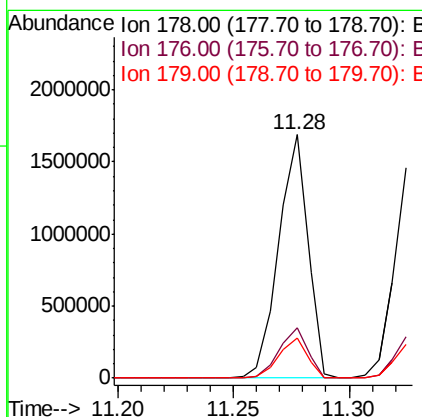
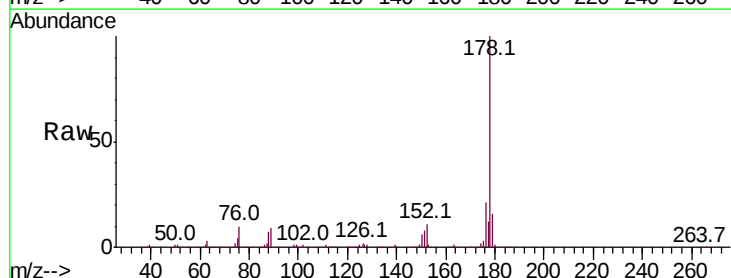
Manual Integrations
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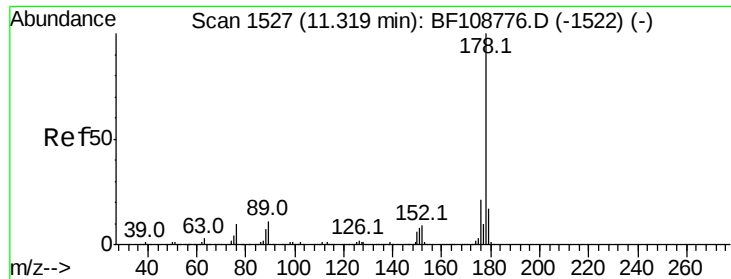
Sohil
 9/12/2018 9:11:44 AM



#70
 Phenanthrene
 Concen: 49.974 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.7	15.8	23.8	
179	16.3	13.0	19.6	





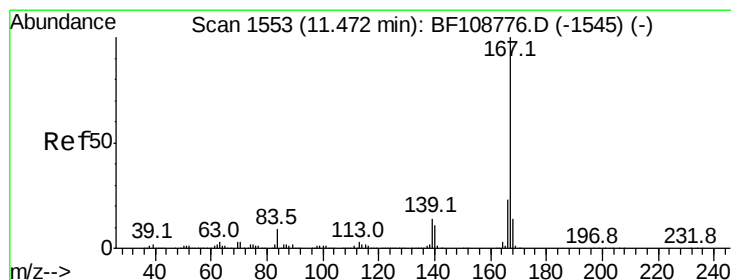
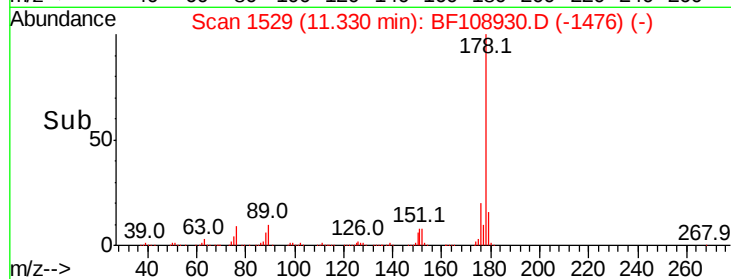
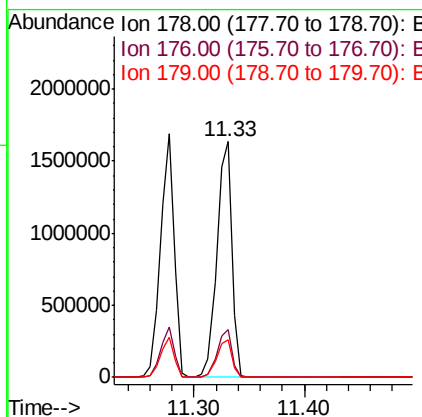
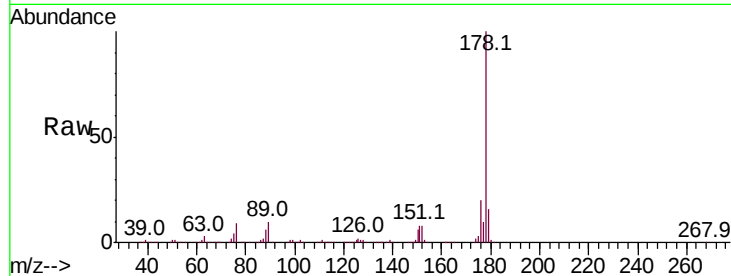
#71
 Anthracene
 Concen: 53.940 ng
 RT: 11.33 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion:178 Resp: 1537185
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.0 12.6 19.0

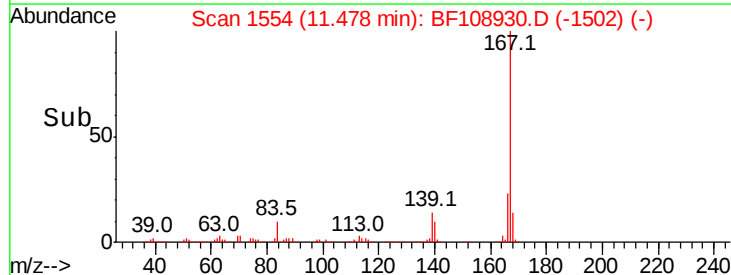
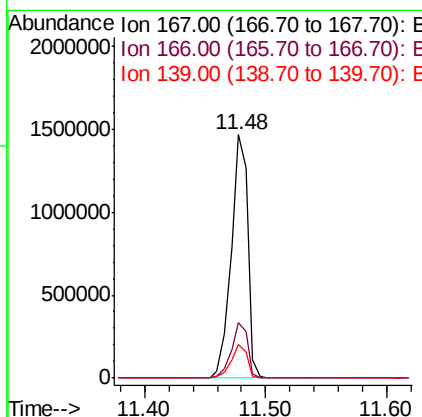
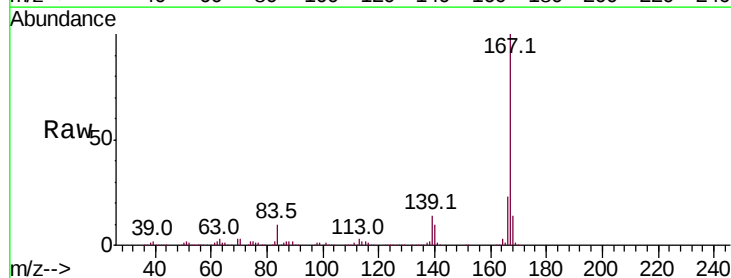
Manual Integrations
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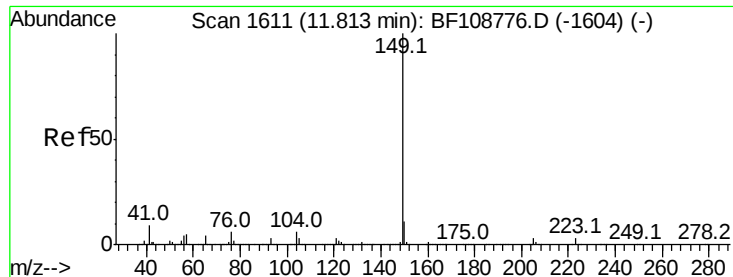
Sohil
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#72
 Carbazole
 Concen: 46.745 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion:167 Resp: 1402930
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 50.928 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

ClientSampleId :

PB112743BS

Tot Ion:149 Resp: 1697350

Ion Ratio Lower Upper

149 100

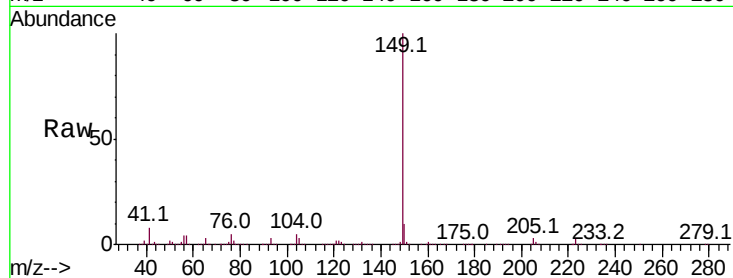
150 9.9 7.8 11.6

104 5.3 3.8 5.8

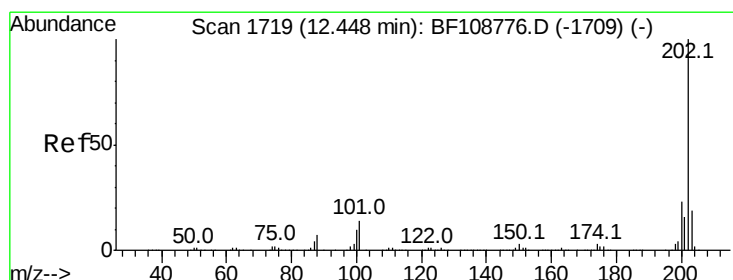
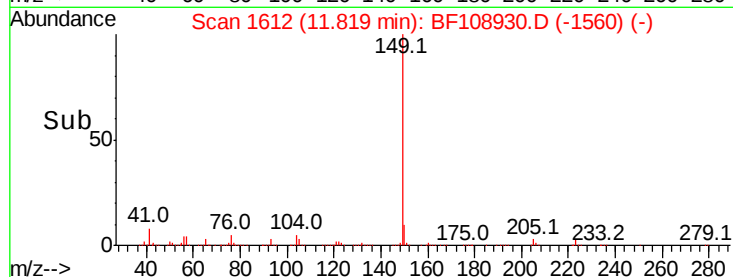
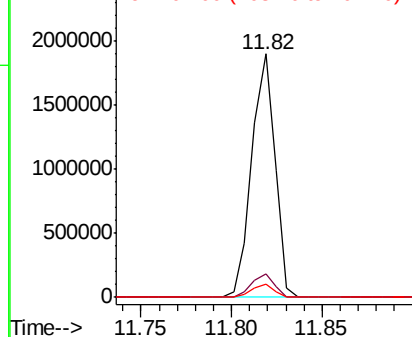
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.429 ng

RT: 12.46 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

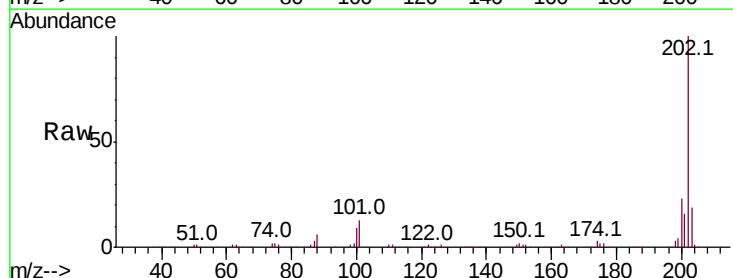
Tgt Ion:202 Resp: 1574547

Ion Ratio Lower Upper

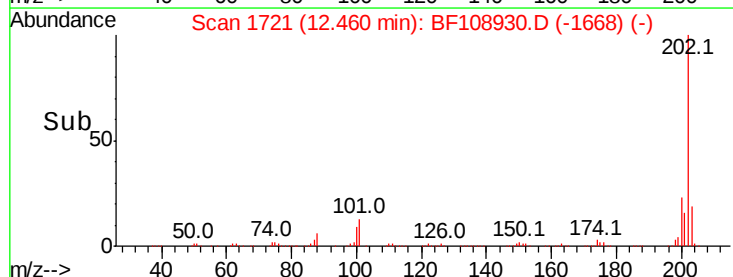
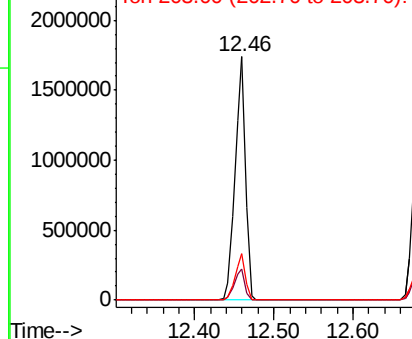
202 100

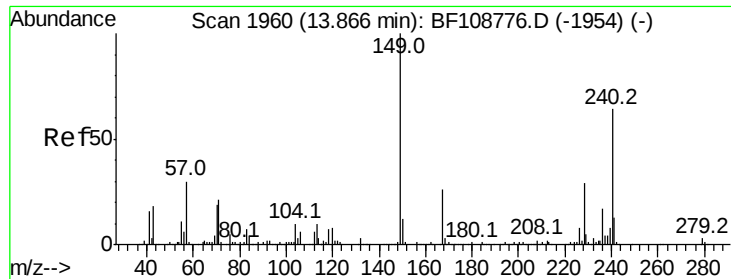
101 12.5 0.0 34.1

203 19.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

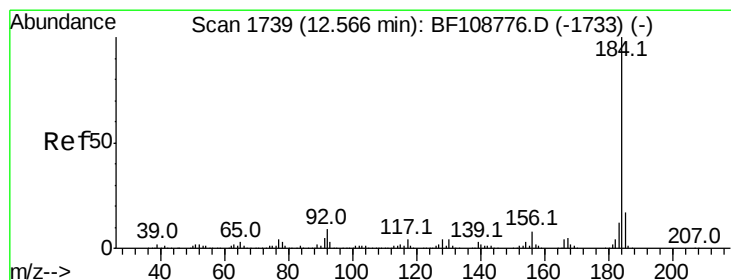
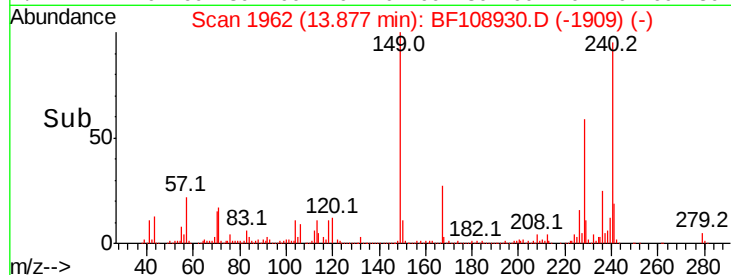
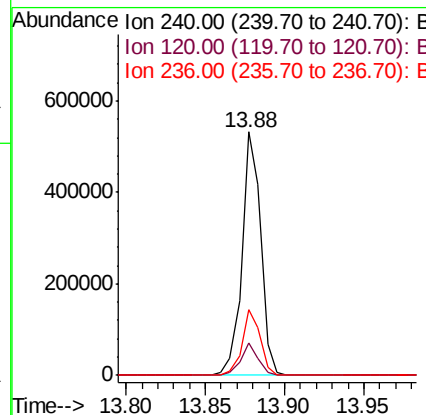
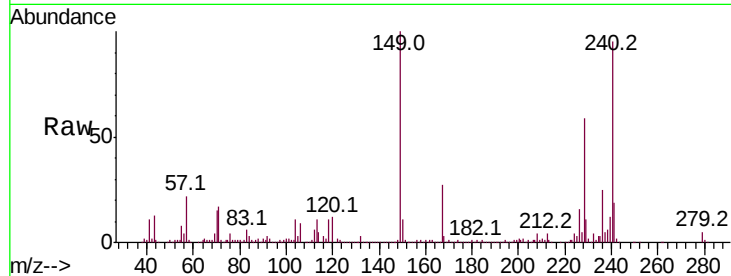
ClientSampleId :

PB112743BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.8	20.7	31.1

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#76

Benzidine

Concen: 45.007 ng

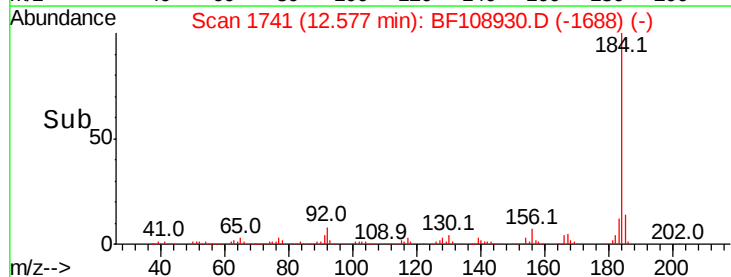
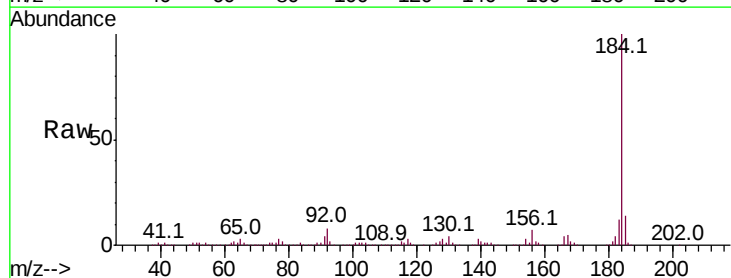
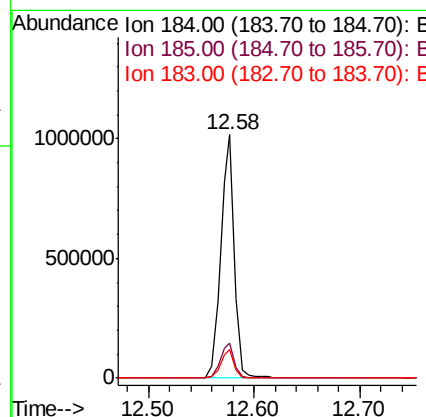
RT: 12.58 min Scan# 1741

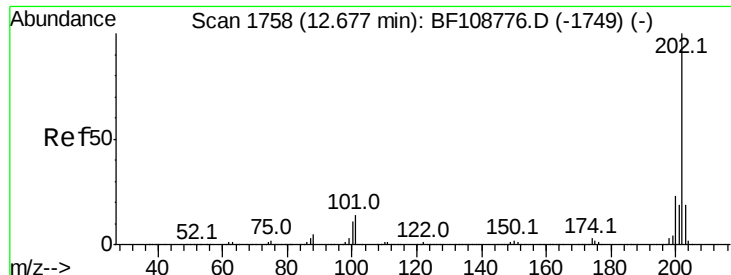
Delta R.T. 0.01 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.8	9.3	13.9





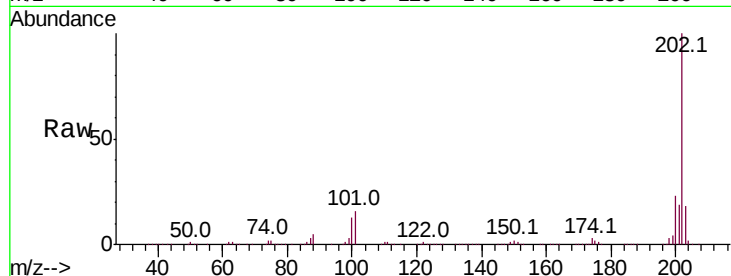
#77
Pvrene
Concen: 47.988 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.3	14.3	21.5

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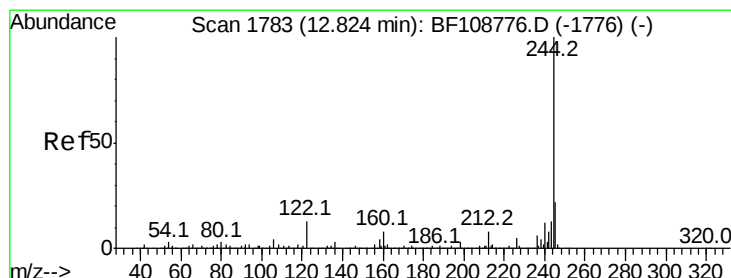
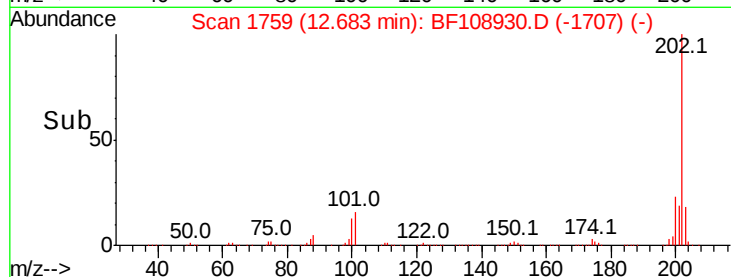
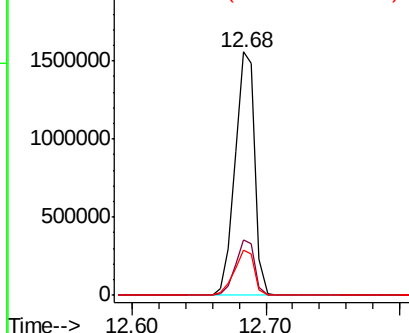


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 97.816 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

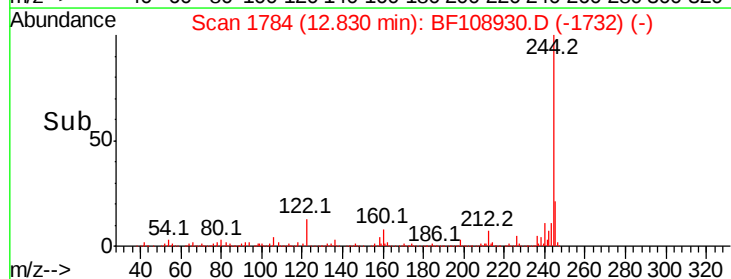
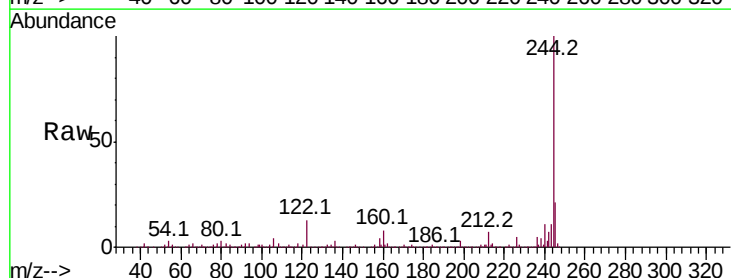
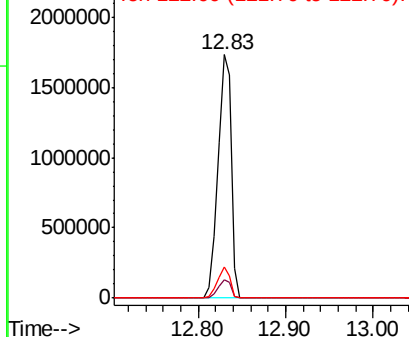
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.8	11.0	16.4

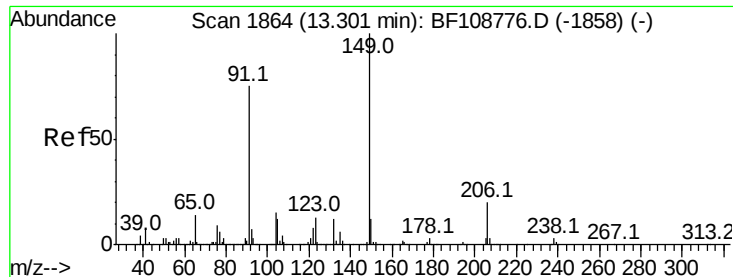
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





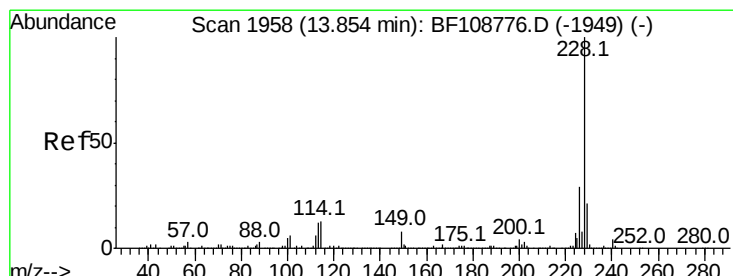
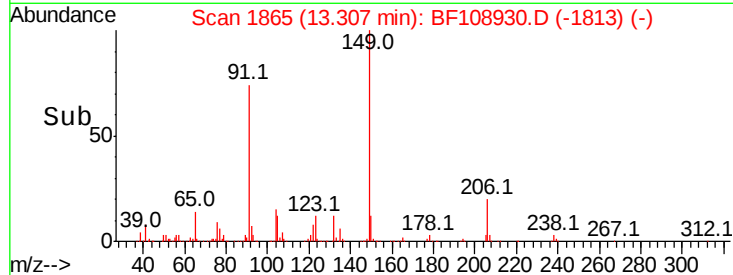
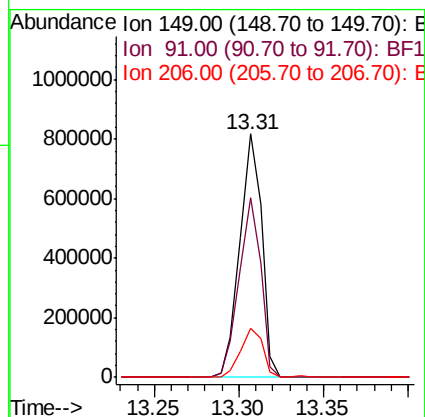
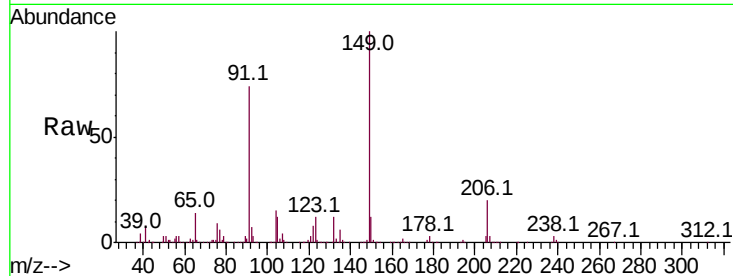
#79
Butylbenzylphthalate
Concen: 48.888 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampled :
PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.7	56.8	85.2	
206	19.9	14.1	21.1	

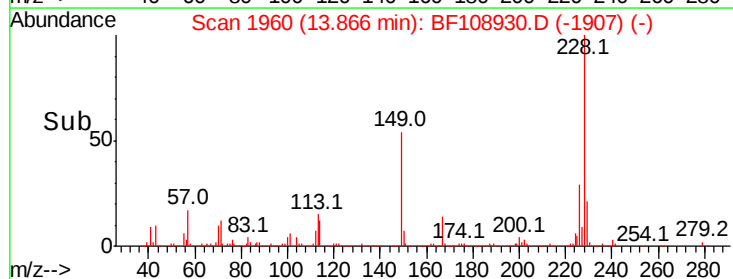
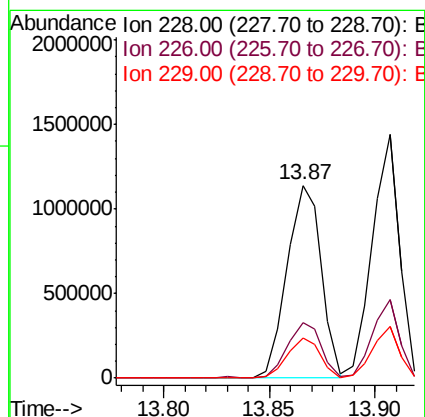
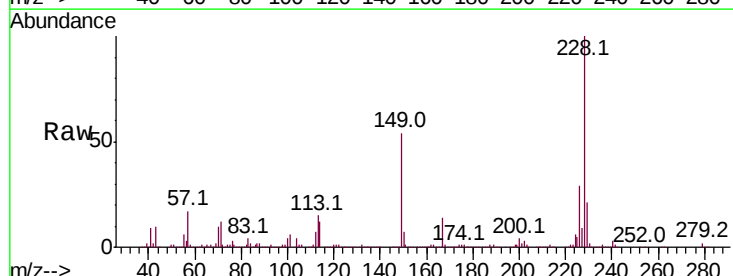
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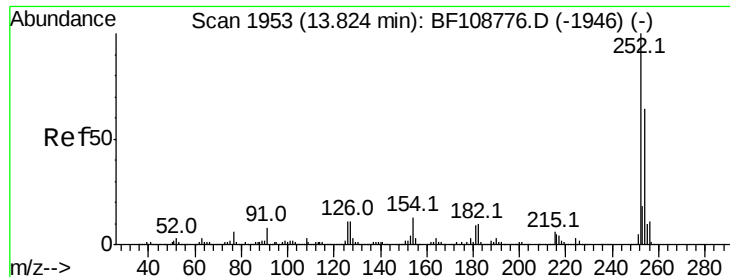
Sohil
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#80
Benzo(a)anthracene
Concen: 45.959 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.9	22.6	33.8	
229	20.8	15.8	23.6	





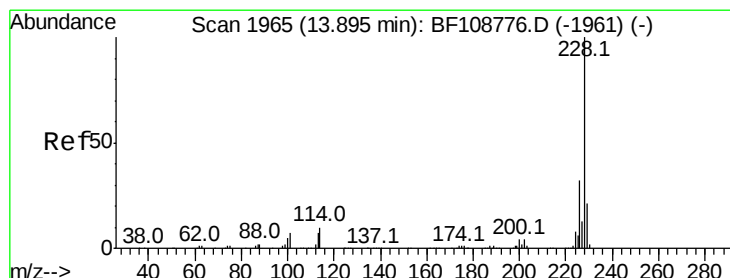
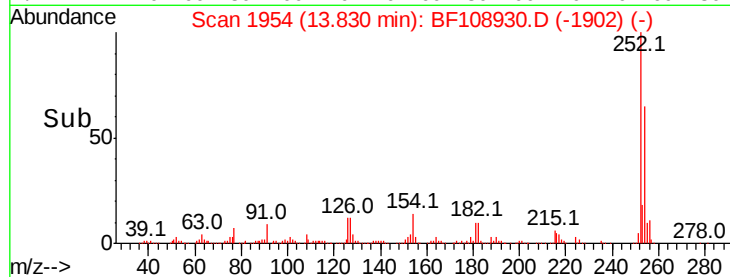
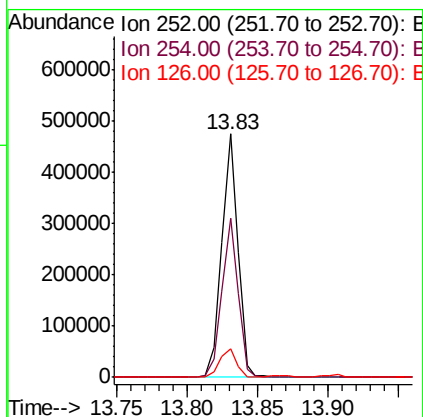
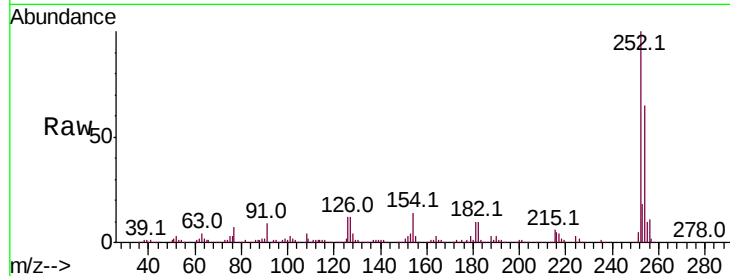
#81
 3,3'-Dichlorobenzidine
 Concen: 34.969 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.3	50.4	75.6	
126	11.9	11.3	16.9	

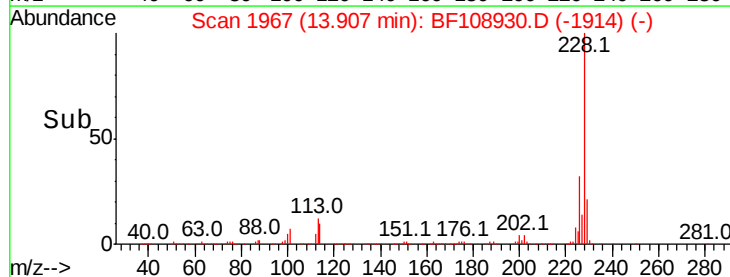
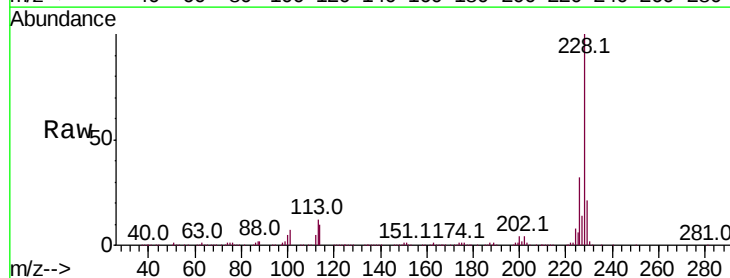
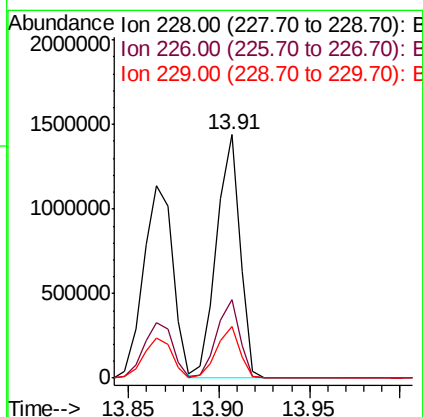
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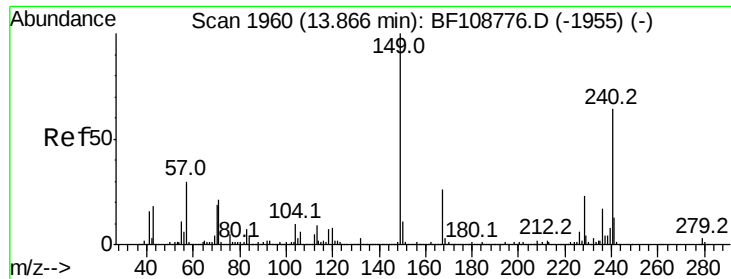
Sohil
 9/12/2018 9:11:44 AM



#82
 Chrysene
 Concen: 47.929 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.1	25.0	37.6	
229	21.1	16.2	24.4	





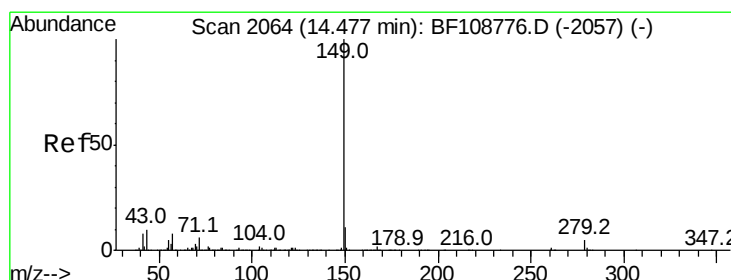
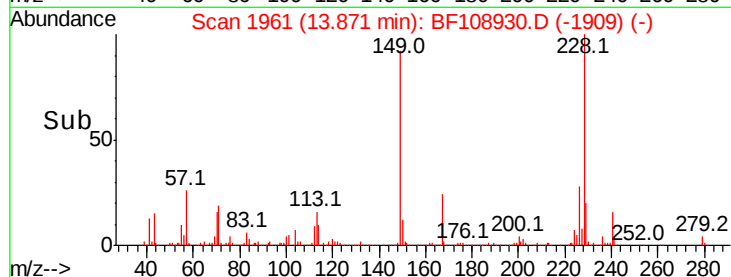
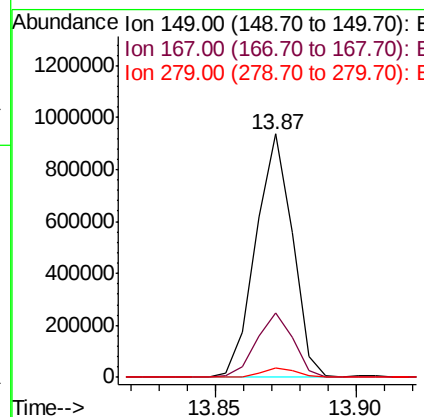
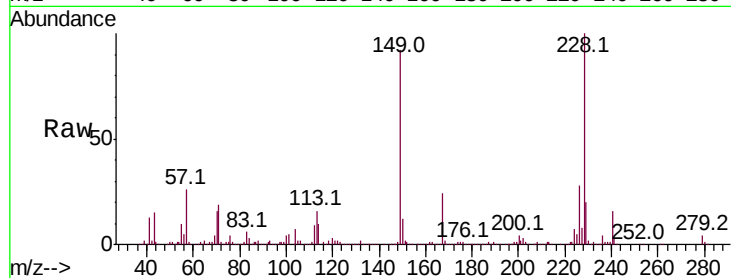
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.564 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.0	3.0	4.4

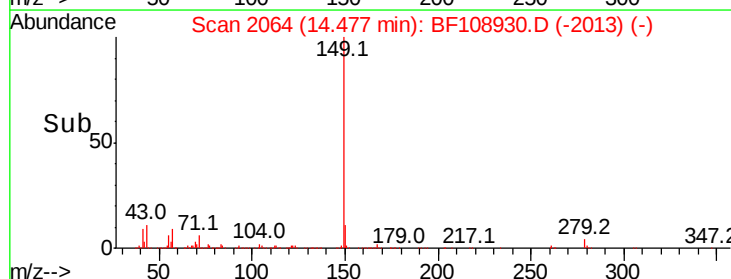
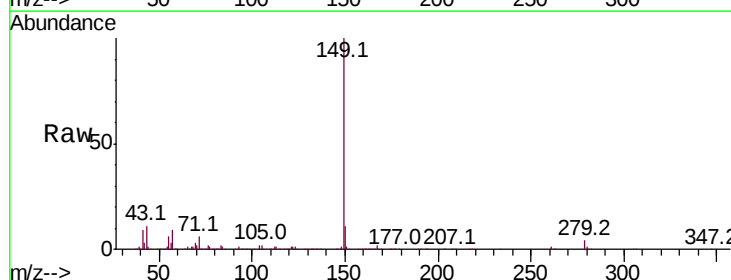
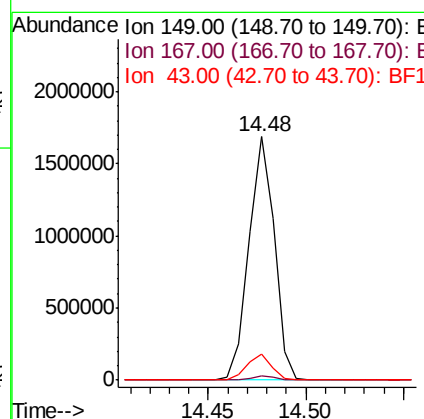
Manual Integrations
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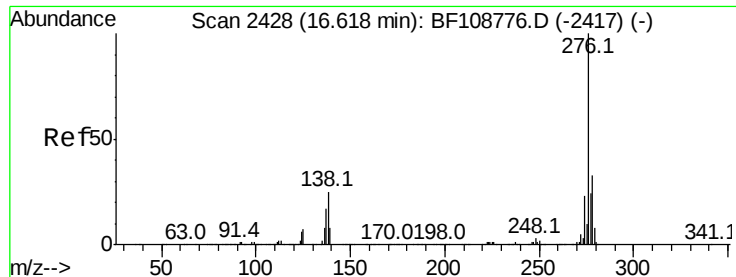
Sohil
 9/12/2018 9:11:44 AM



#84
 Di-n-octyl phthalate
 Concen: 48.277 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.2	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.550 ng

RT: 16.65 min Scan# 2434

Delta R.T. 0.04 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

Instrument :

BNA_F

ClientSampled :

PB112743BS

Tot Ion:276 Resp: 1019360

Ion Ratio Lower Upper

276 100

138 26.4 25.0 37.6

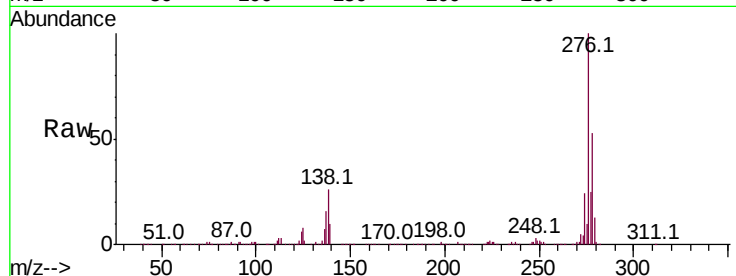
277 25.3 20.1 30.1

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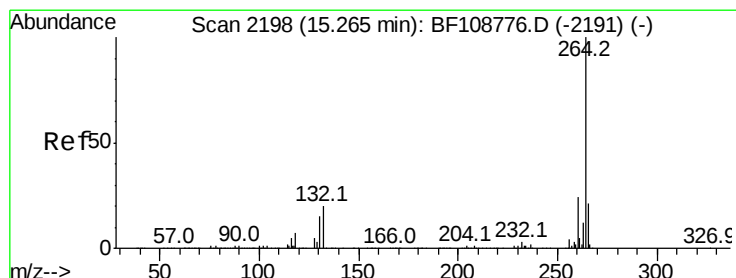
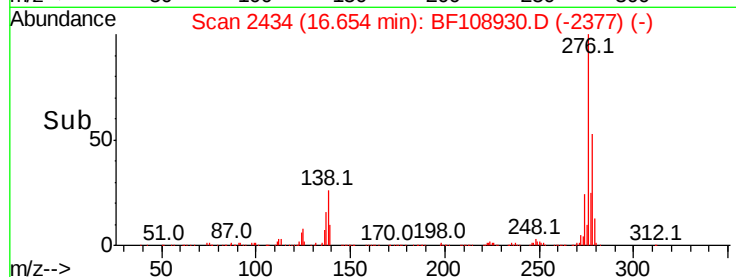
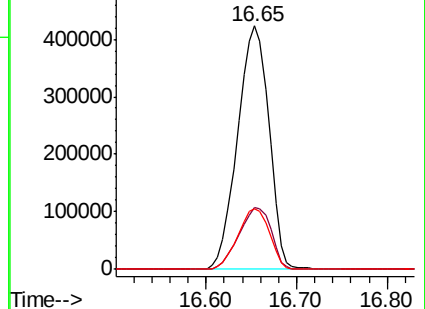
9/12/2018 9:11:44 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF108930.D

Acq: 11 Sep 2018 12:56

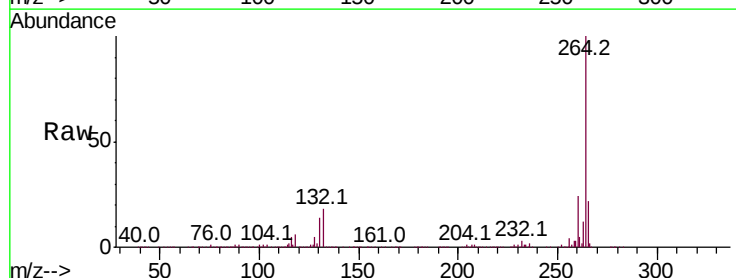
Tgt Ion:264 Resp: 393001

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

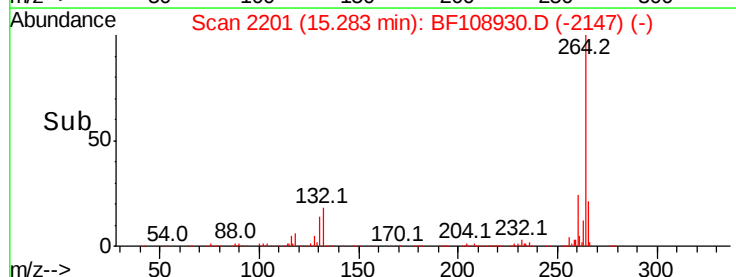
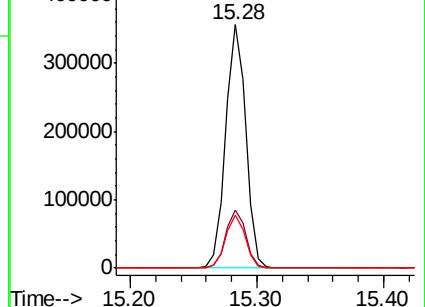
265 21.6 17.5 26.3

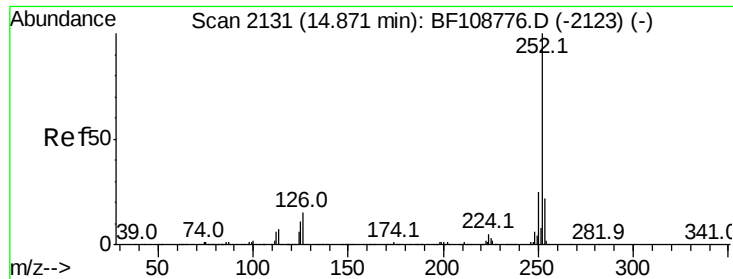


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





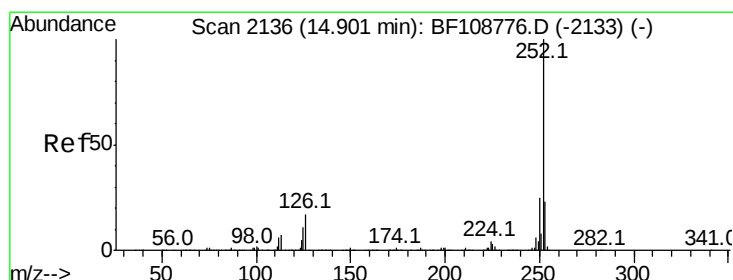
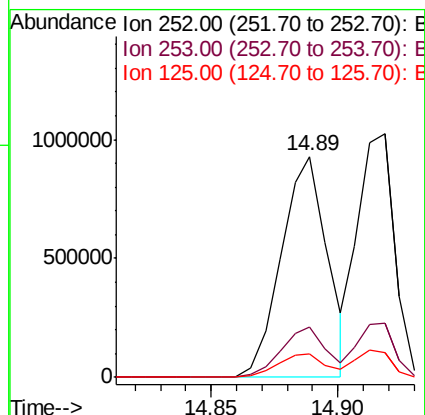
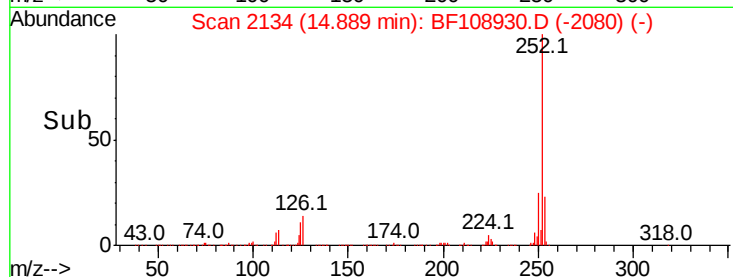
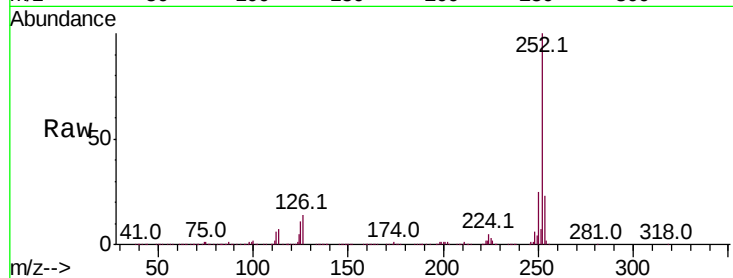
#87
Benzo(b)fluoranthene
Concen: 55.006 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.9	9.0	13.6

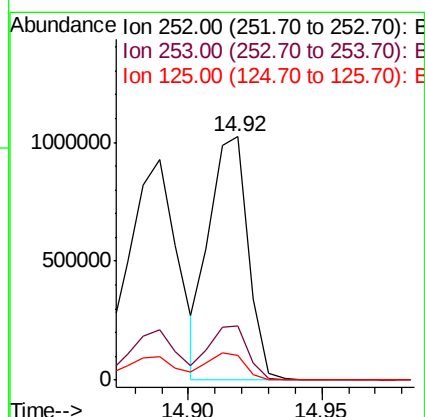
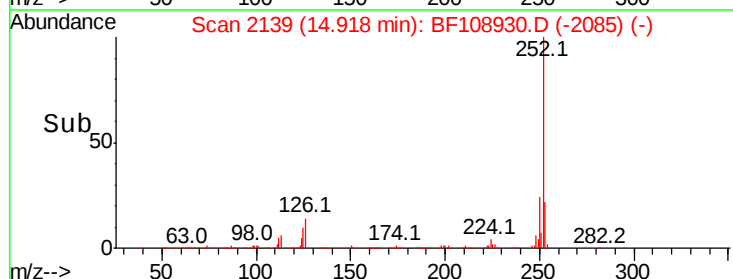
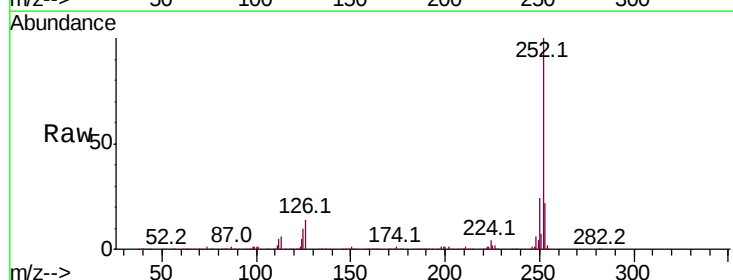
Manual Integrations
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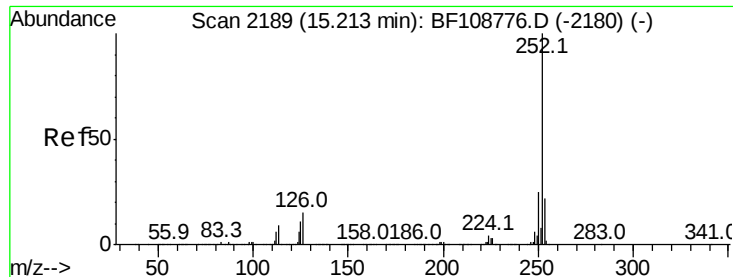
Sohil
9/12/2018 9:11:44 AM



#88
Benzo(k)fluoranthene
Concen: 52.944 ng m
RT: 14.92 min Scan# 2139
Delta R.T. 0.02 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.0	10.2	15.2#





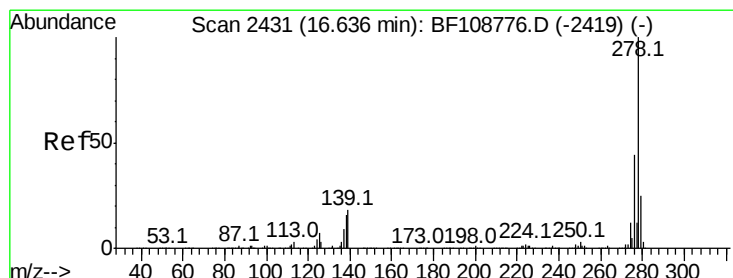
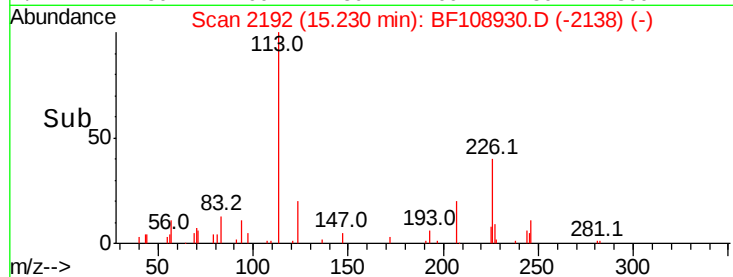
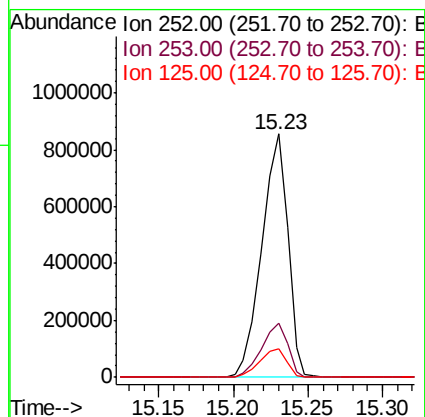
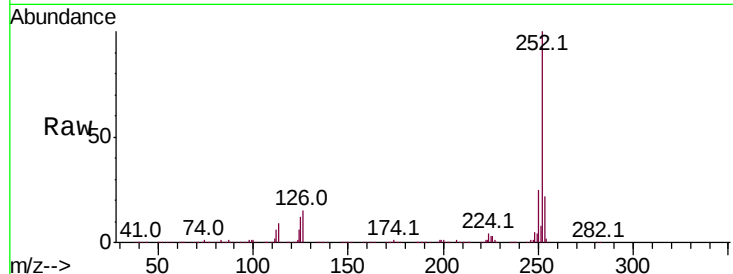
#89
Benzo(a)pyrene
Concen: 53.376 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.8	9.8	14.6

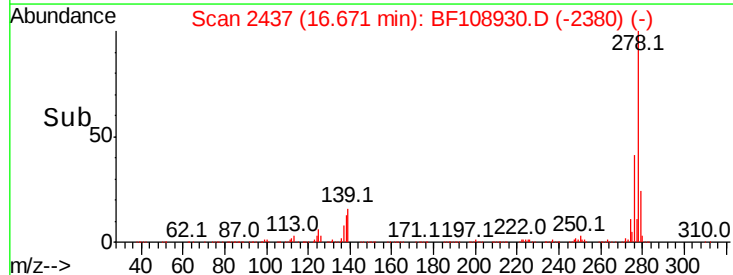
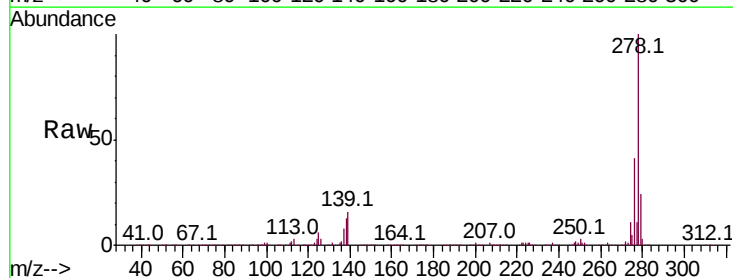
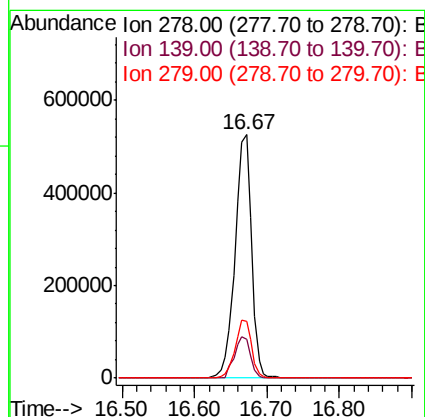
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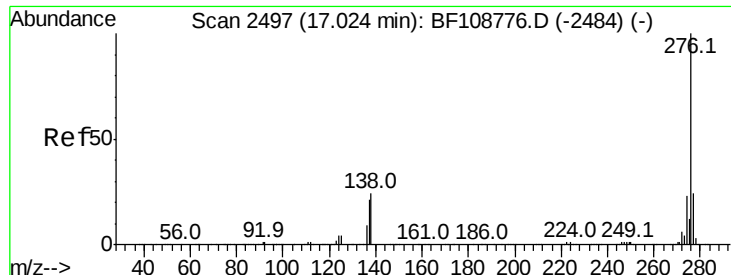
Sohil
9/12/2018 9:11:44 AM



#90
Dibenzo(a,h)anthracene
Concen: 49.364 ng
RT: 16.67 min Scan# 2437
Delta R.T. 0.04 min
Lab File: BF108930.D
Acq: 11 Sep 2018 12:56

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





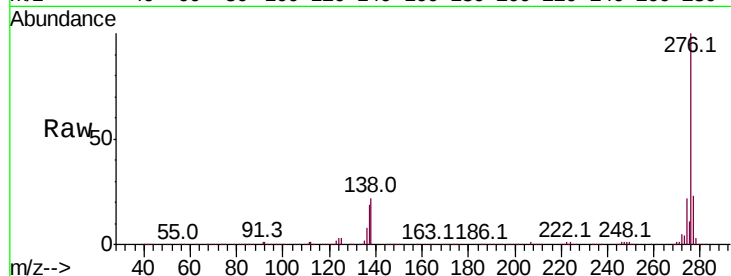
#91
 Benzo(a,h,i)perylene
 Concen: 51.738 ng
 RT: 17.07 min Scan# 2504
 Delta R.T. 0.04 min
 Lab File: BF108930.D
 Acq: 11 Sep 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BS

Tot Ion:	276	Resp:	880153
Ion Ratio		Lower	Upper
276	100		
277	22.8	17.9	26.9
138	22.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:11:44 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

