

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108136.D
 Acq On : 14 Aug 2018 11:22
 Operator : JU/SJ
 Sample : PB111926BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Manual Integrations
 APPROVED

Sohil
 8/15/2018 3:38:19 PM

Quant Time: Aug 14 13:10:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	202080	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	724236	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	360392	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	705641	20.00	ng	0.00
75) Chrysene-d12	14.22	240	505658	20.00	ng	0.00
86) Perylene-d12	15.78	264	361227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1318501	118.13	ng	0.03
7) Phenol-d6	6.64	99	1748382	117.87	ng	0.01
23) Nitrobenzene-d5	7.58	82	1181268	91.02	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	511288	142.23	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2141368	95.39	ng	0.00
78) Terphenyl-d14	13.15	244	2277694	114.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	256615	44.743	ng	90
3) Pyridine	3.80	79	688345	46.591	ng	# 85
4) n-Nitrosodimethylamine	3.77	42	375556	45.175	ng	81
6) Aniline	6.68	93	660155	32.721	ng	97
8) 2-Chlorophenol	6.81	128	546201	43.448	ng	95
9) Benzaldehyde	6.57	77	283147	24.622	ng	94
10) Phenol	6.65	94	653479	42.592	ng	91
11) bis(2-Chloroethyl)ether	6.75	93	550862	44.411	ng	96
12) 1,3-Dichlorobenzene	6.96	146	696089	47.888	ng	98
13) 1,4-Dichlorobenzene	7.04	146	693877	47.512	ng	99
14) 1,2-Dichlorobenzene	7.19	146	637806	46.951	ng	99
15) Benzyl Alcohol	7.15	79	528574	42.331	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1065103	41.682	ng	97
17) 2-Methylphenol	7.26	107	459661	42.638	ng	96
18) Hexachloroethane	7.53	117	253452	48.747	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	420667	41.940	ng	90
20) 3+4-Methylphenols	7.41	107	585945	42.414	ng	# 86
22) Acetophenone	7.42	105	785573	46.389	ng	# 91
24) Nitrobenzene	7.60	77	621036	47.319	ng	95
25) Isophorone	7.84	82	1137801	45.994	ng	96
26) 2-Nitrophenol	7.92	139	270358	54.548	ng	94
27) 2,4-Dimethylphenol	7.94	122	518587	47.232	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	683205	47.308	ng	99
29) 2,4-Dichlorophenol	8.15	162	490882	48.583	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	544437	48.872	ng	98
31) Naphthalene	8.33	128	1607236	48.798	ng	99
32) Benzoic acid	8.06	122	276944	44.031	ng	93
33) 4-Chloroaniline	8.37	127	465576	32.436	ng	99
34) Hexachlorobutadiene	8.44	225	345373	48.973	ng	100
35) Caprolactam	8.74	113	160000m	50.531	ng	
36) 4-Chloro-3-methylphenol	8.84	107	507028	46.516	ng	97
37) 2-Methylnaphthalene	9.02	142	1099803	47.196	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	546110	49.345	ng	98
40) Hexachlorocyclopentadiene	9.17	237	666558	93.245	ng	98

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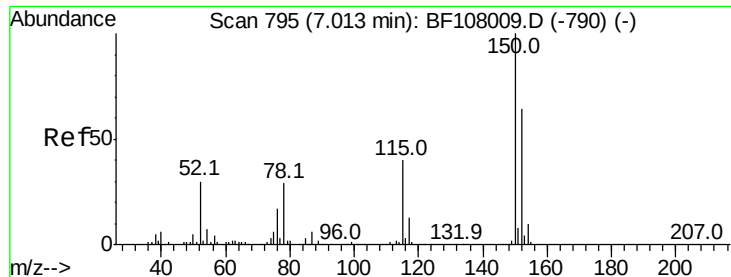
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	365832	53.268	nq	99
43) 2,4,5-Trichlorophenol	9.34	196	377362	49.914	nq	# 92
45) 1,1'-Biphenyl	9.48	154	1304549	49.095	nq	99
46) 2-Chloronaphthalene	9.51	162	1038171	49.434	nq	98
47) 2-Nitroaniline	9.61	65	339820	50.009	nq	92
48) Acenaphthylene	9.93	152	1613922	48.610	nq	97
49) Dimethylphthalate	9.78	163	1185769	47.234	nq	# 98
50) 2,6-Dinitrotoluene	9.85	165	266010	50.646	nq	97
51) Acenaphthene	10.11	154	1051292	51.697	nq	99
52) 3-Nitroaniline	10.02	138	214537	37.332	nq	99
53) 2,4-Dinitrophenol	10.13	184	199749	99.723	nq	# 19
54) Dibenzofuran	10.28	168	1402439	47.602	nq	96
55) 4-Nitrophenol	10.17	139	408147	93.791	nq	# 82
56) 2,4-Dinitrotoluene	10.25	165	351784	52.033	nq	# 98
57) Fluorene	10.62	166	1117682	47.923	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	319004	50.483	nq	# 87
59) Diethylphthalate	10.48	149	1135562	46.713	nq	96
60) 4-Chlorophenyl-phenylether	10.61	204	578319	47.587	nq	92
61) 4-Nitroaniline	10.64	138	272865	48.026	nq	93
62) Azobenzene	10.77	77	1161525	46.267	nq	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	136470	51.121	nq	88
65) n-Nitrosodiphenylamine	10.72	169	1002844	48.093	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	374373	48.820	nq	# 85
67) Hexachlorobenzene	11.17	284	385467	47.775	nq	# 88
68) Atrazine	11.25	200	323620	46.271	nq	97
69) Pentachlorophenol	11.37	266	378531	98.017	nq	99
70) Phenanthrene	11.59	178	1578056	47.414	nq	98
71) Anthracene	11.64	178	1618336	47.441	nq	98
72) Carbazole	11.79	167	1427448	47.098	nq	99
73) Di-n-butylphthalate	12.11	149	1677807	48.874	nq	98
74) Fluoranthene	12.79	202	1692084	46.583	nq	95
76) Benzidine	12.90	184	748177	39.602	nq	98
77) Pyrene	13.02	202	1665397	52.022	nq	98
79) Butylbenzylphthalate	13.62	149	692410	54.469	nq	96
80) Benzo(a)anthracene	14.21	228	1400534	48.262	nq	98
81) 3,3'-Dichlorobenzidine	14.17	252	350964	33.747	nq	# 97
82) Chrysene	14.25	228	1272794	47.840	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	874743	50.815	nq	99
84) Di-n-octyl phthalate	14.80	149	1286992	49.022	nq	96
85) Indeno(1,2,3-cd)pyrene	17.42	276	1041988	45.201	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1134043	52.539	nq	96
88) Benzo(k)fluoranthene	15.35	252	1010274	50.917	nq	# 96
89) Benzo(a)pyrene	15.72	252	999440	51.708	nq	97
90) Dibenzo(a,h)anthracene	17.43	278	871107	54.470	nq	# 93
91) Benzo(g,h,i)perylene	17.91	276	877109	55.698	nq	# 91

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



#1

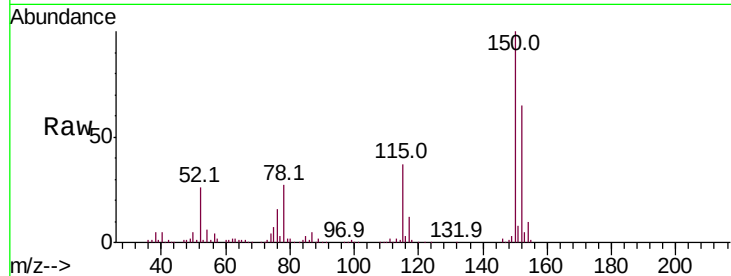
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	57.0	50.1	75.1

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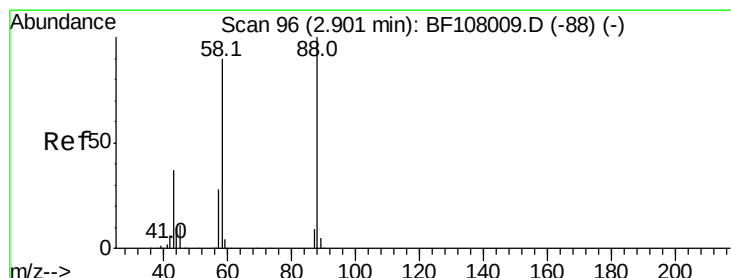
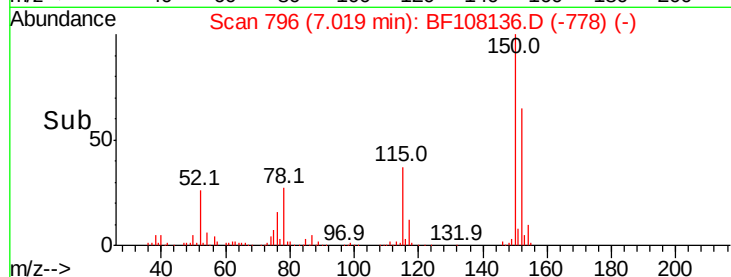
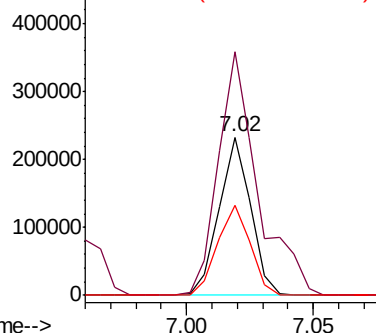


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

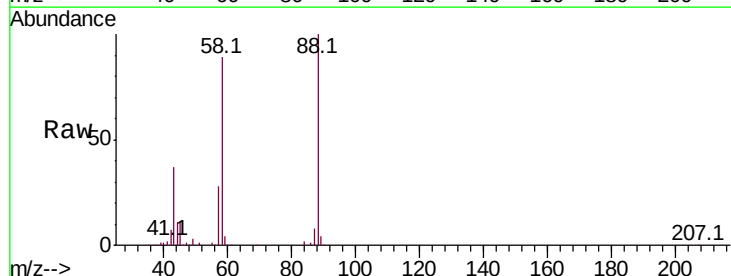
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.743 ng
RT: 3.07 min Scan# 125
Delta R.T. 0.17 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	62.6	93.8
43	35.8	24.6	37.0

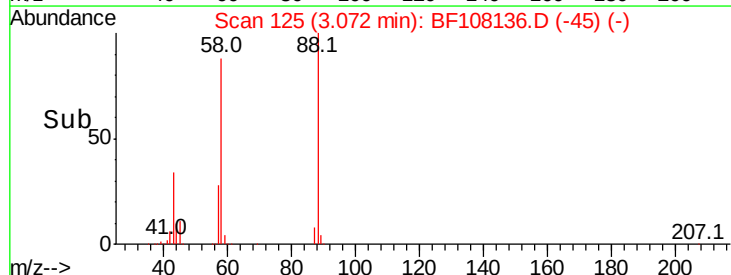
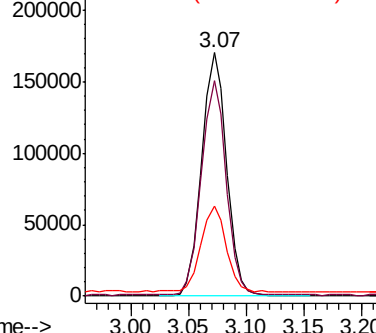


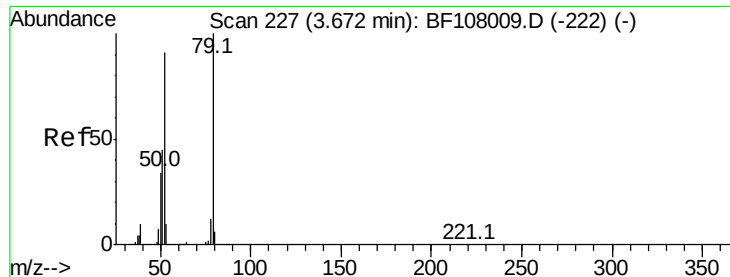
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 46.591 ng

RT: 3.80 min Scan# 248

Delta R.T. 0.12 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

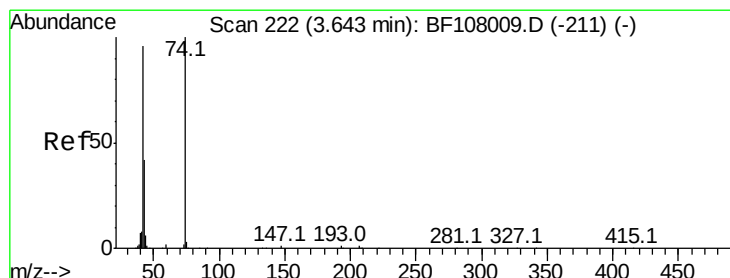
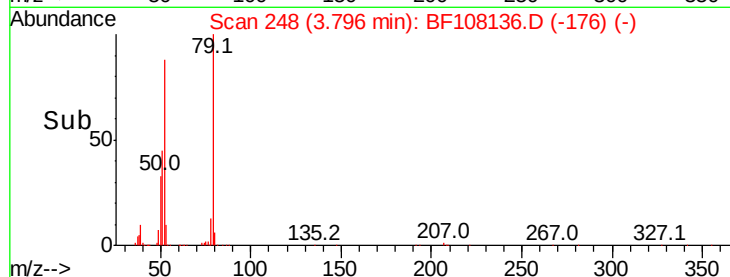
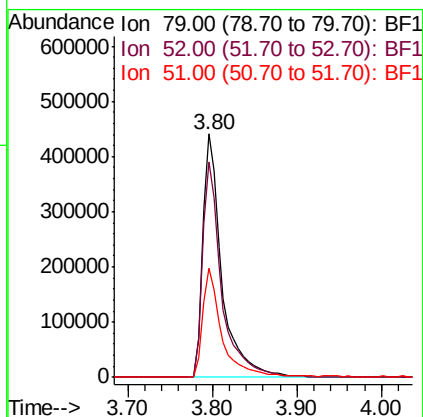
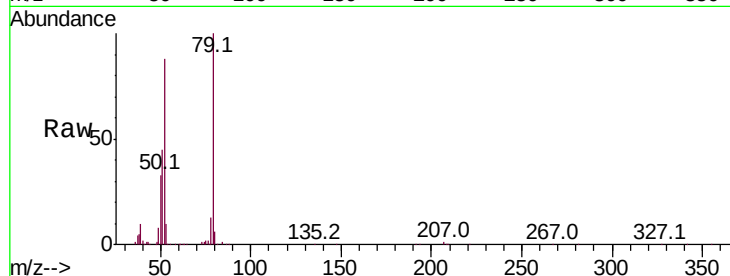
ClientSampleId :

PB111926BS

Tot Ion:	79	Resp:	688345
Ion Ratio	Lower	Upper	
79	100		
52	88.5	59.8	89.6
51	44.9	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 45.175 ng

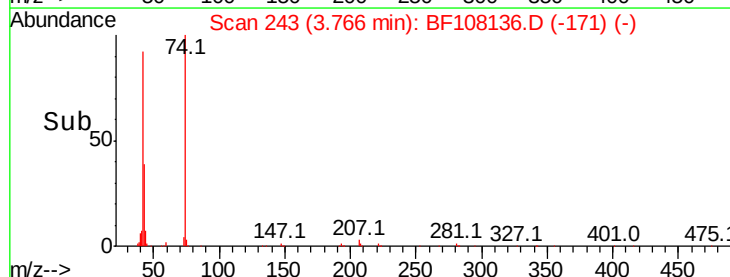
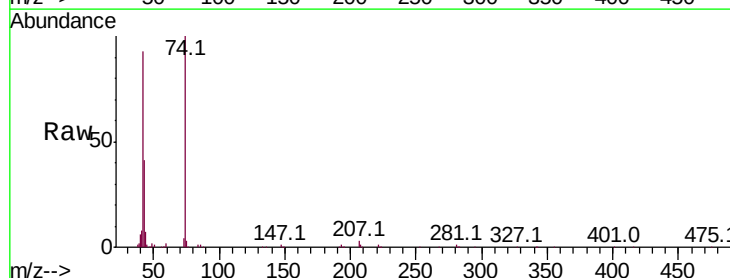
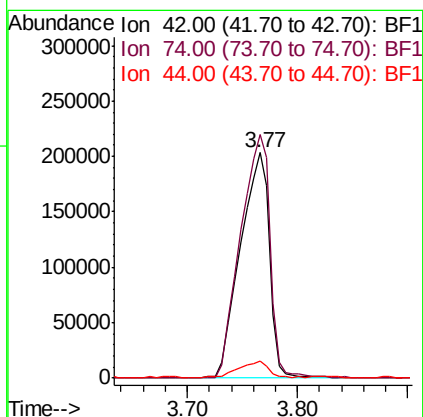
RT: 3.77 min Scan# 243

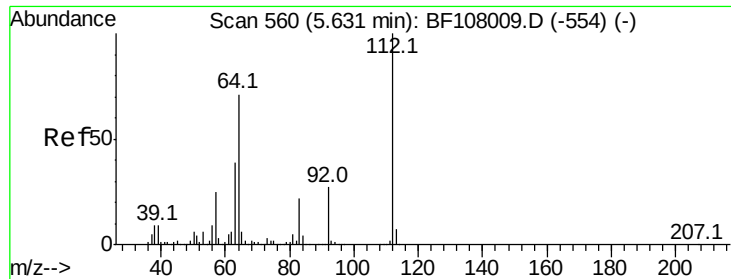
Delta R.T. 0.12 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Tgt Ion:	42	Resp:	375556
Ion Ratio	Lower	Upper	
42	100		
74	108.1	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 118.126 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

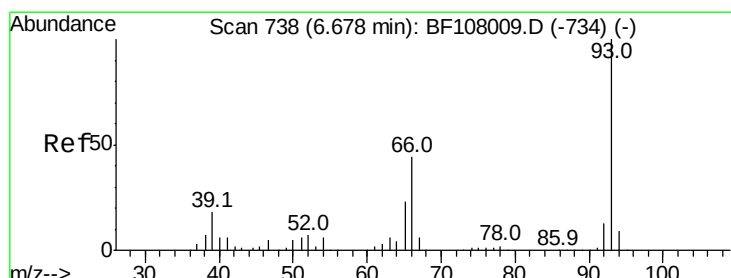
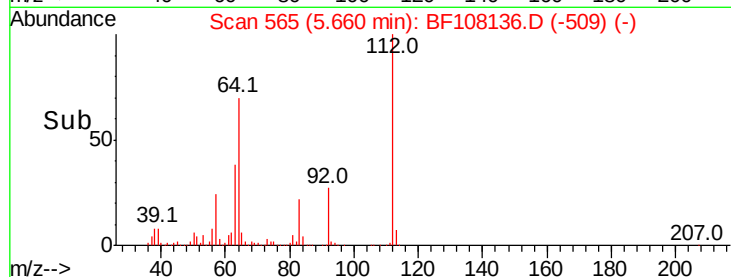
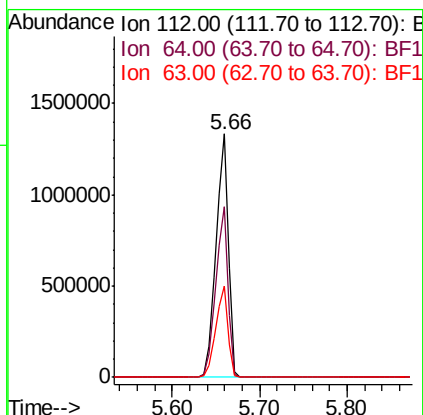
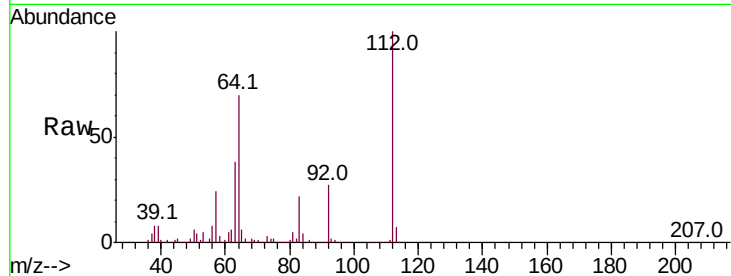
ClientSampleId :

PB111926BS

Tot Ion:	112	Resp:	1318501
Ion	Ratio	Lower	Upper
112	100		
64	70.2	47.9	71.9
63	37.7	23.7	35.5#

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#6

Aniline

Concen: 32.721 ng

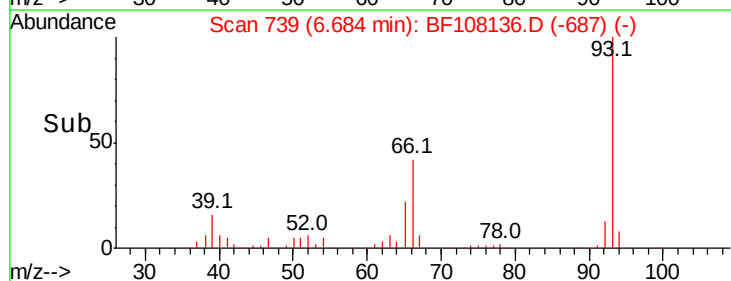
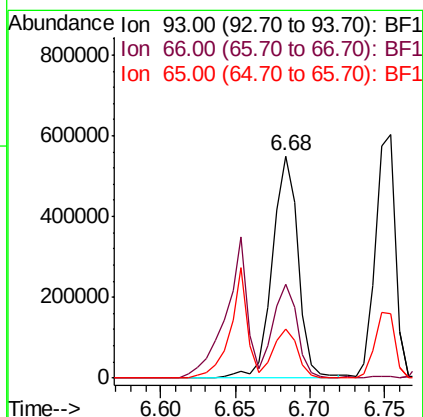
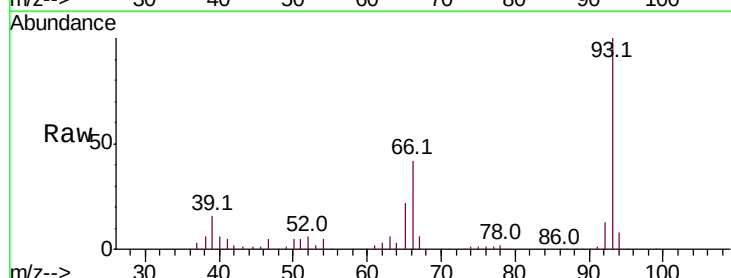
RT: 6.68 min Scan# 739

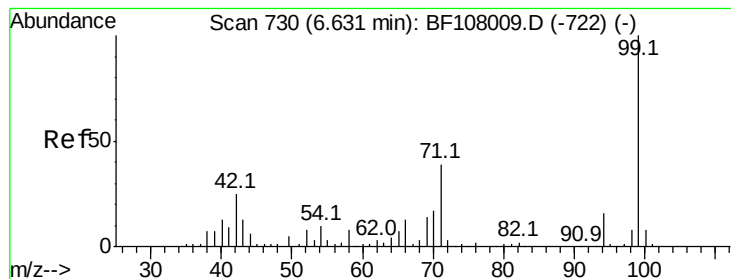
Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Tgt Ion:	93	Resp:	660155
Ion	Ratio	Lower	Upper
93	100		
66	42.2	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 117.874 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tot Ion: 99 Resp: 1748382

Ion Ratio Lower Upper

99 100

42 23.7 14.5 21.7#

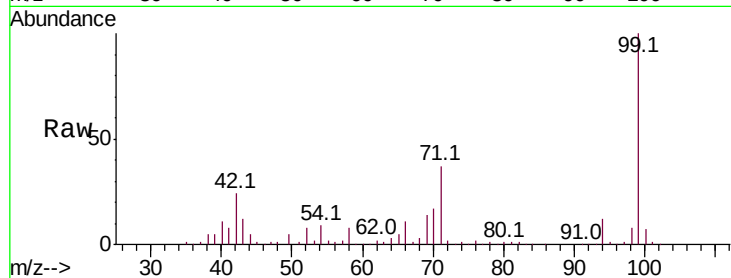
71 37.2 25.4 38.0

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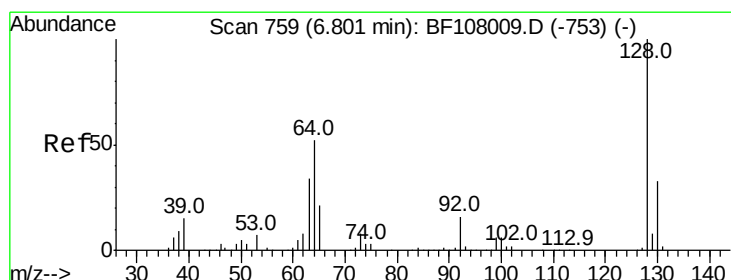
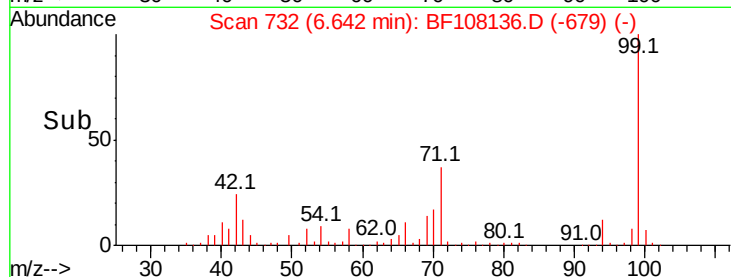
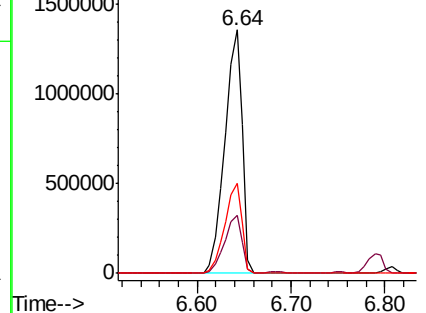
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.448 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

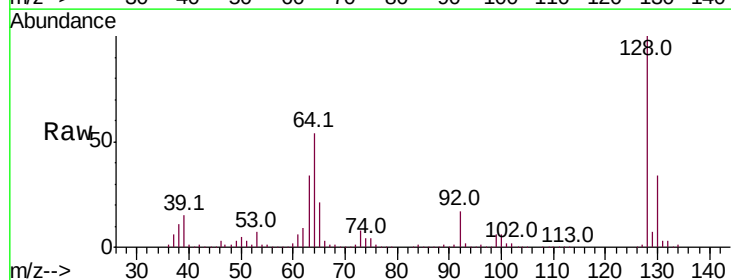
Tgt Ion:128 Resp: 546201

Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

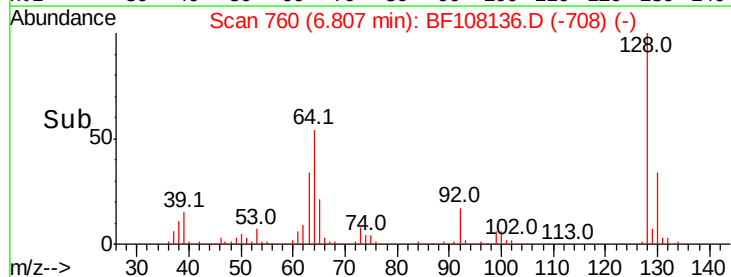
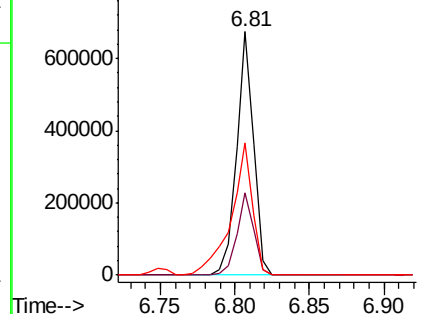
64 54.1 29.4 69.4

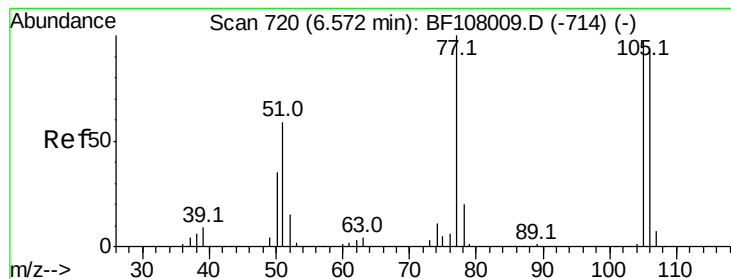


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.622 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

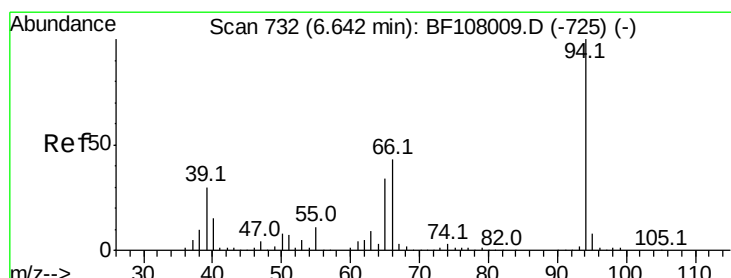
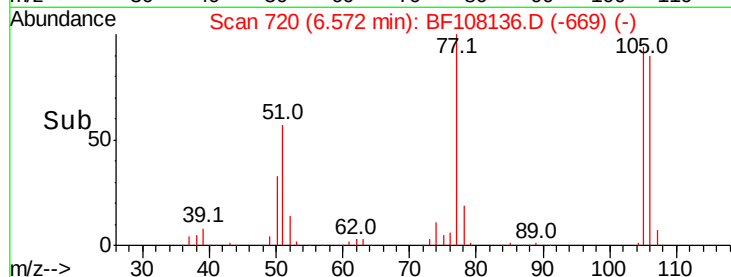
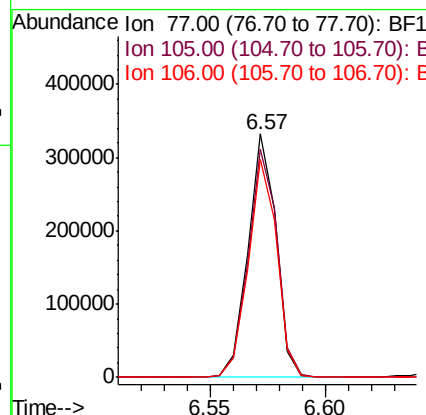
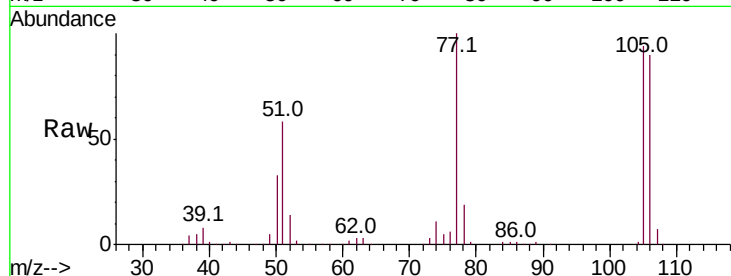
ClientSampleId :

PB111926BS

Tot Ion:	77	Resp:	283147
Ion Ratio	Lower	Upper	
77	100		
105	93.7	81.1	121.1
106	89.5	74.5	114.5

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#10

Phenol

Concen: 42.592 ng

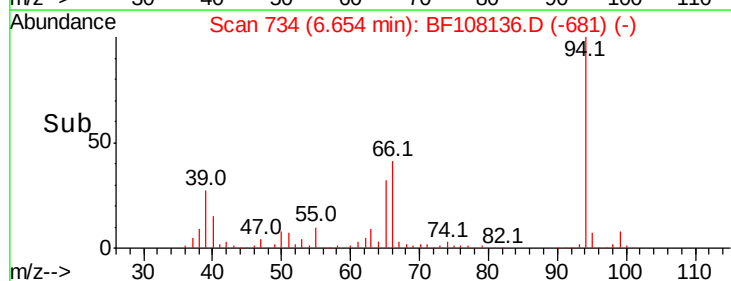
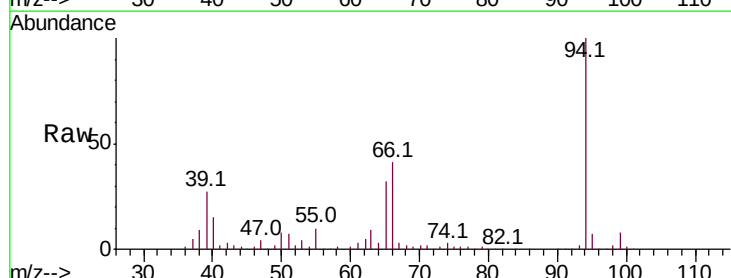
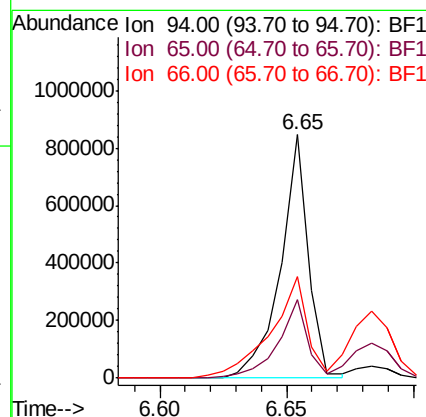
RT: 6.65 min Scan# 734

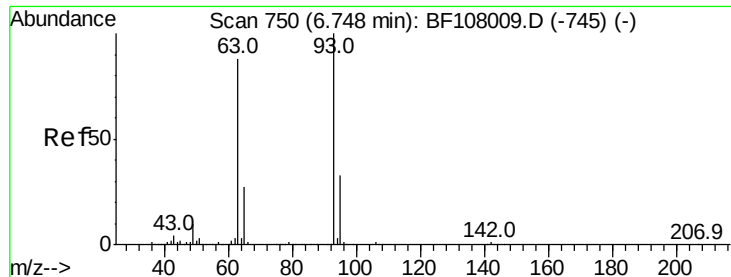
Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Tgt Ion:	94	Resp:	653479
Ion Ratio	Lower	Upper	
94	100		
65	32.1	7.9	47.9
66	41.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.411 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

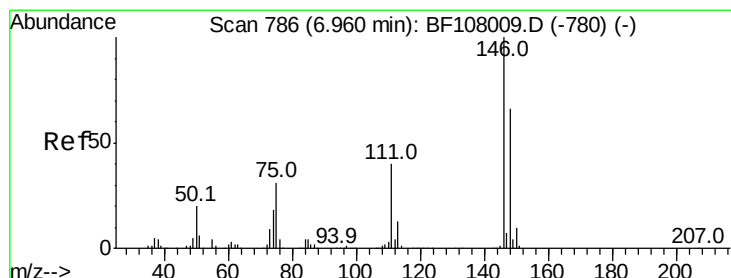
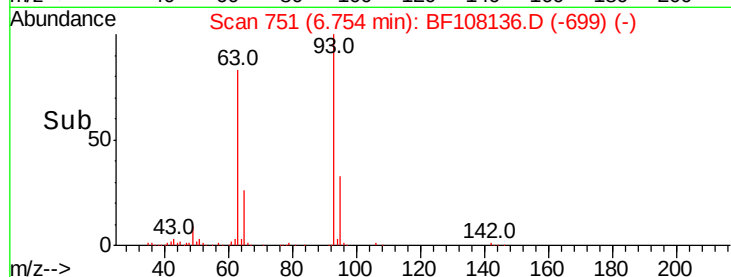
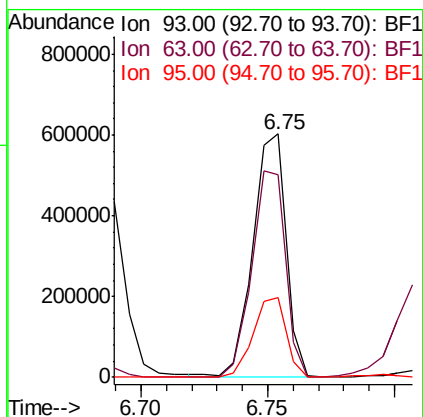
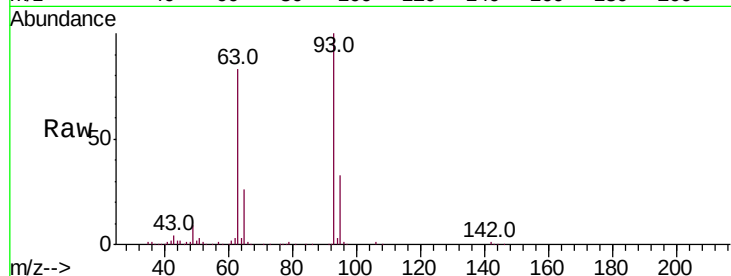
PB111926BS

Tot Ion: 93 Resp: 550862

Ion	Ratio	Lower	Upper
93	100		
63	83.1	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 47.888 ng

RT: 6.96 min Scan# 786

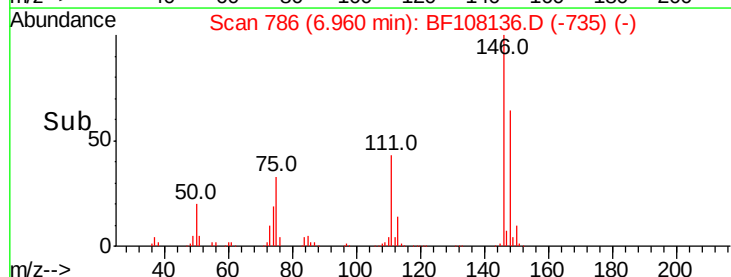
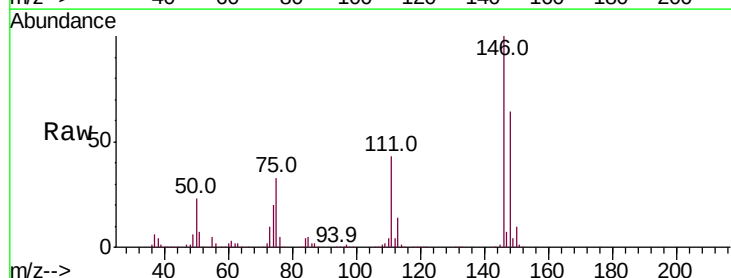
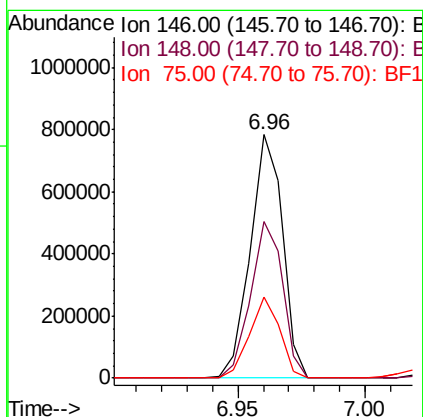
Delta R.T. 0.00 min

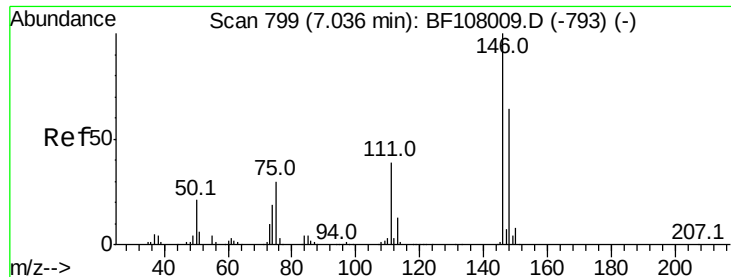
Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Tgt Ion: 146 Resp: 696089

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	33.4	24.2	36.4





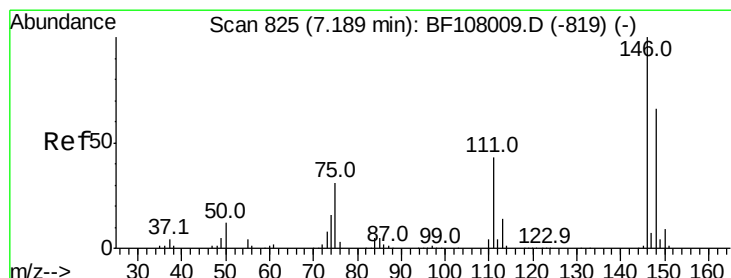
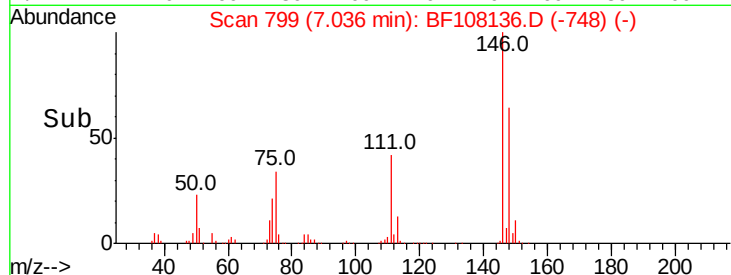
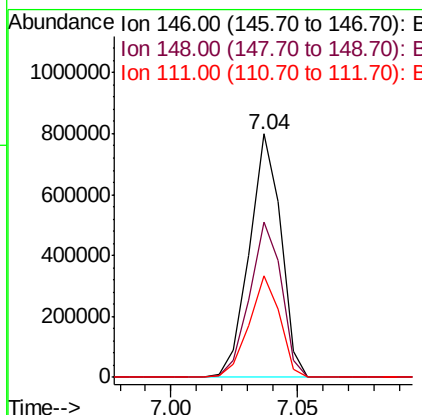
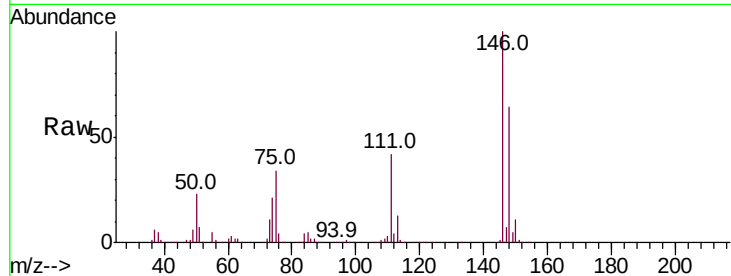
#13
 1,4-Dichlorobenzene
 Concen: 47.512 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 PB111926BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.8	34.2	51.2

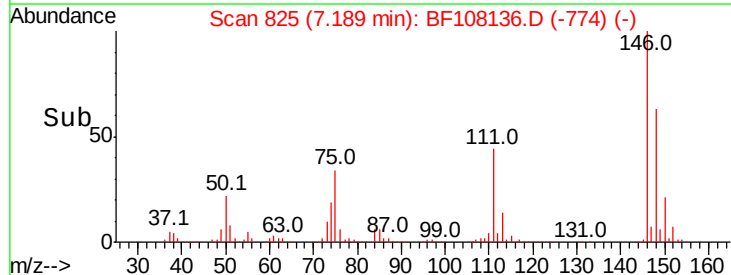
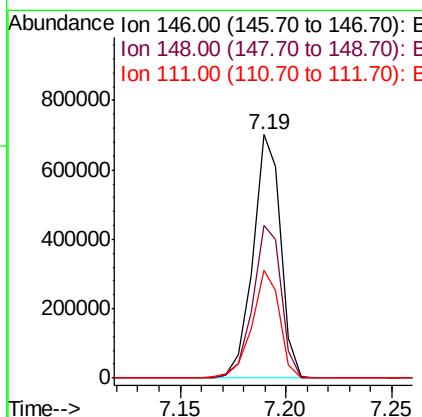
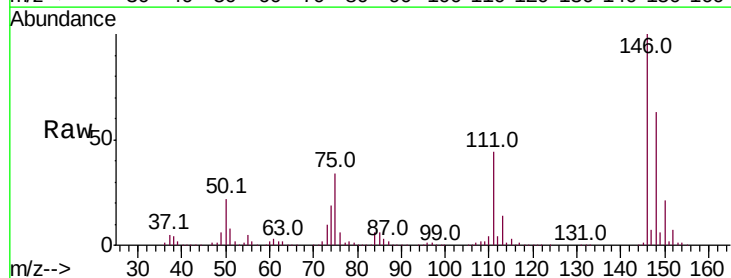
Manual Integrations
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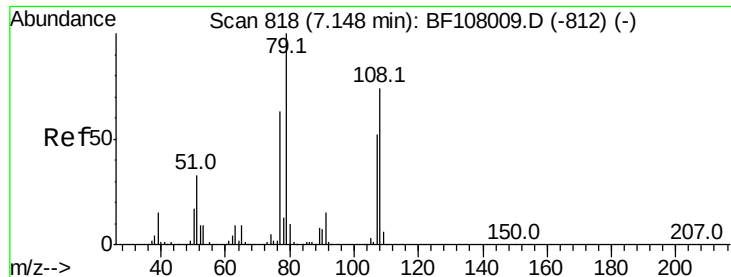
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 46.951 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	44.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.331 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

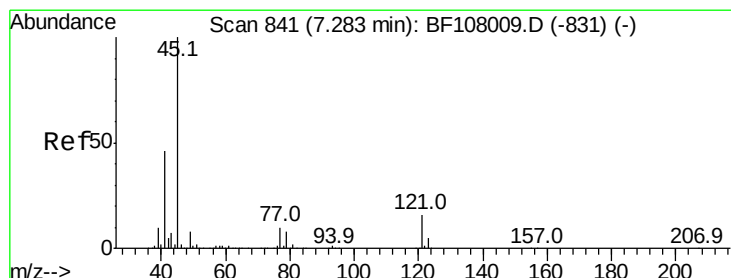
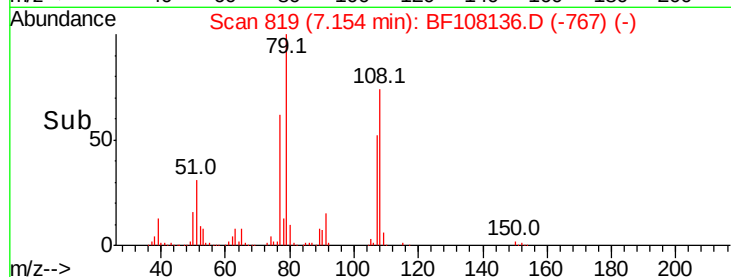
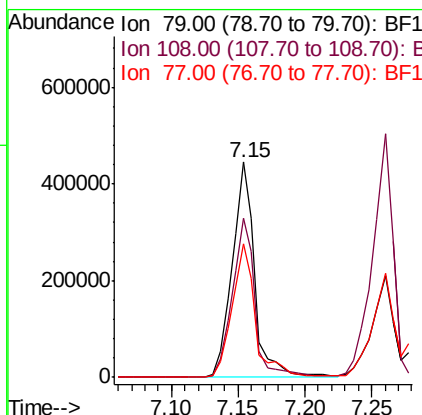
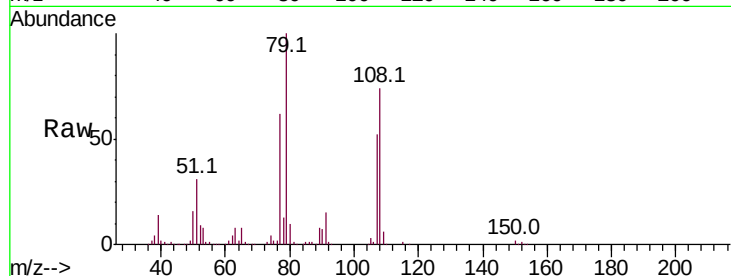
ClientSampleId :

PB111926BS

Tot Ion:	79	Resp:	528574
Ion Ratio	Lower	Upper	
79	100		
108	73.7	65.1	97.7
77	61.9	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.682 ng

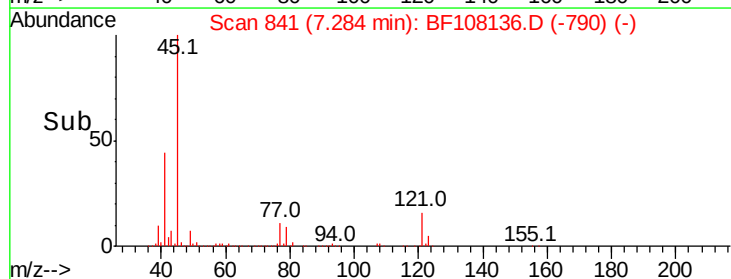
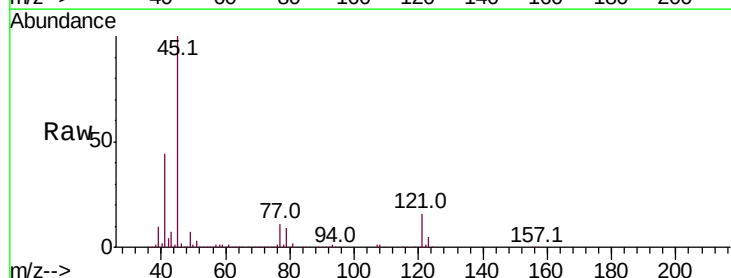
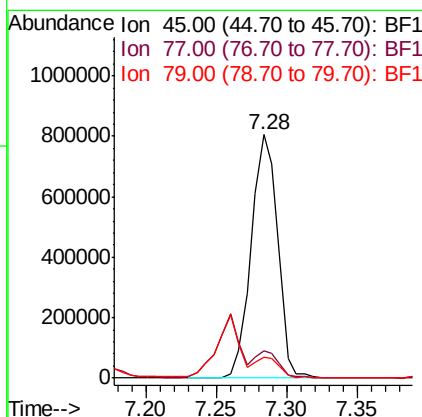
RT: 7.28 min Scan# 841

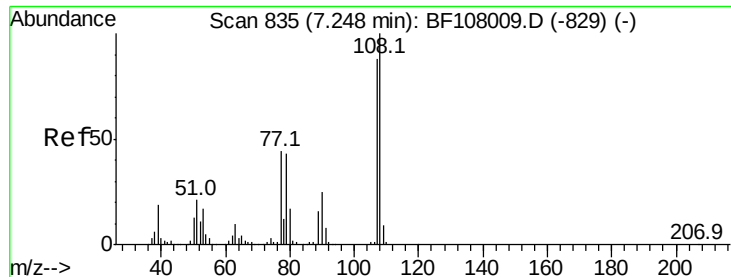
Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Tgt Ion:	45	Resp:	1065103
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	32.9
79	8.6	0.0	29.6





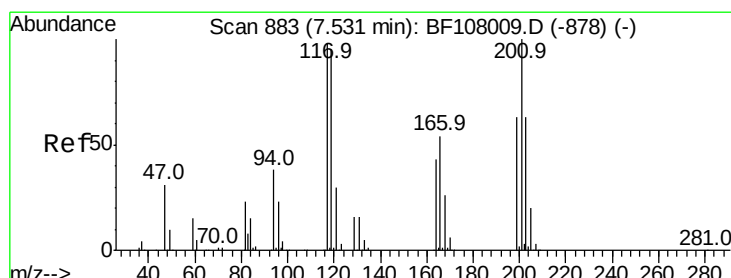
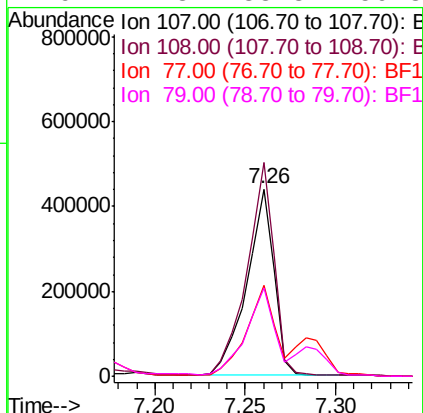
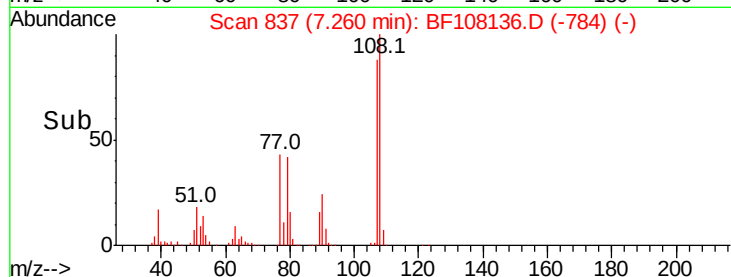
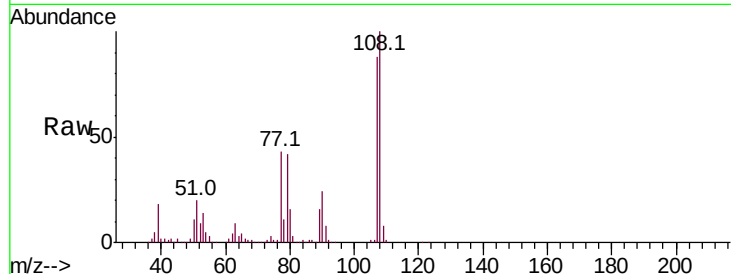
#17
2-Methylphenol
Concen: 42.638 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.7	137.5	
77	48.6	33.8	50.8	
79	47.3	33.8	50.8	

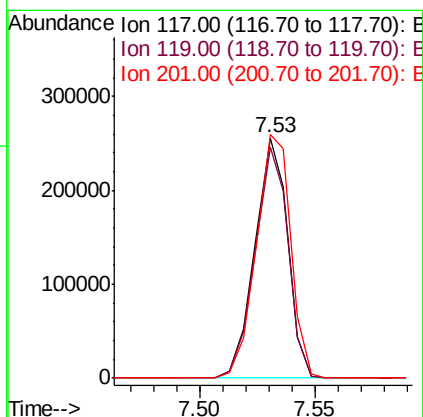
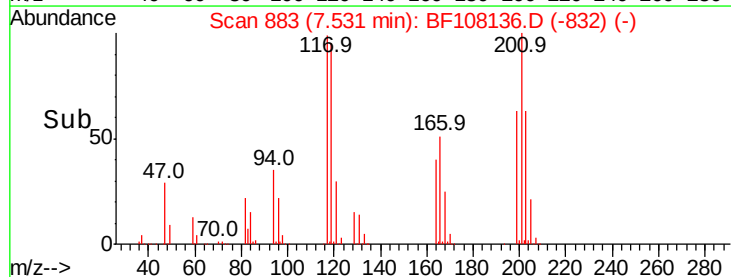
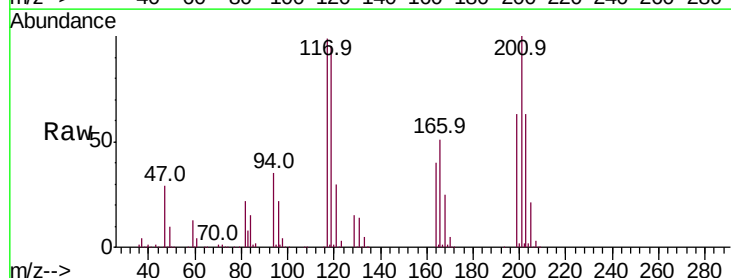
Manual Integrations
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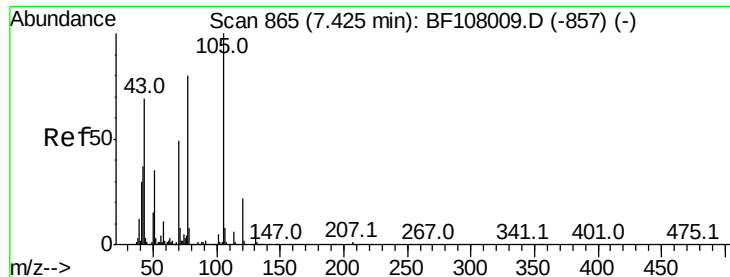
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#18
Hexachloroethane
Concen: 48.747 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	101.4	75.7	113.5	





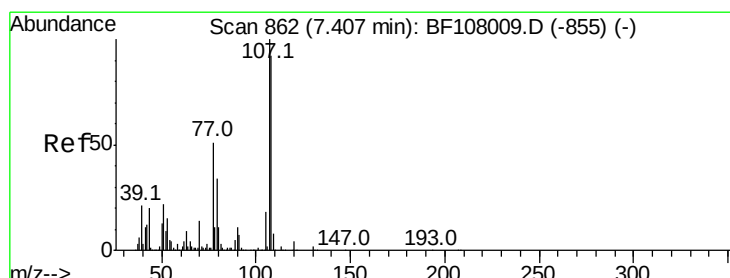
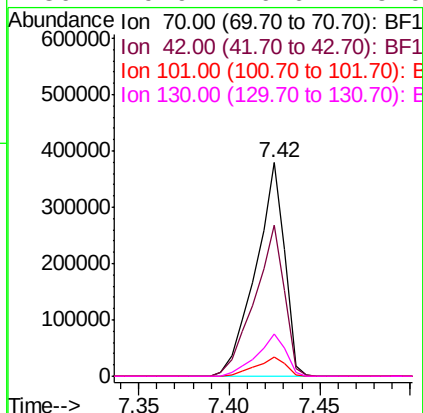
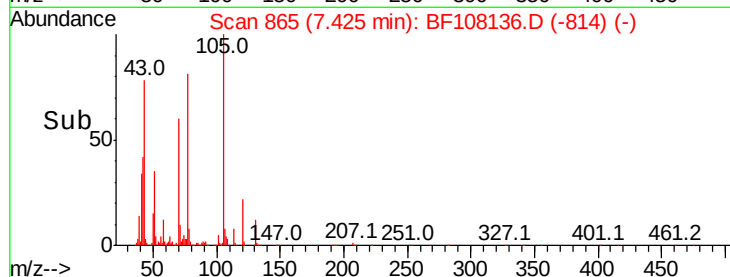
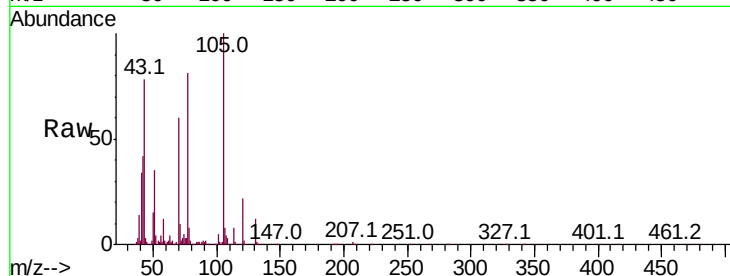
#19
n-Nitroso-di-n-propylamine
Concen: 41.940 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.6	47.5	71.3
101	9.0	7.4	11.2
130	19.9	16.6	25.0

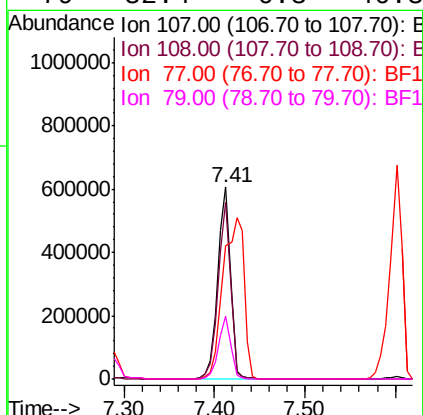
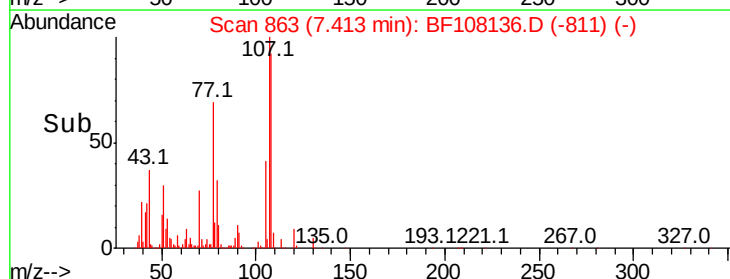
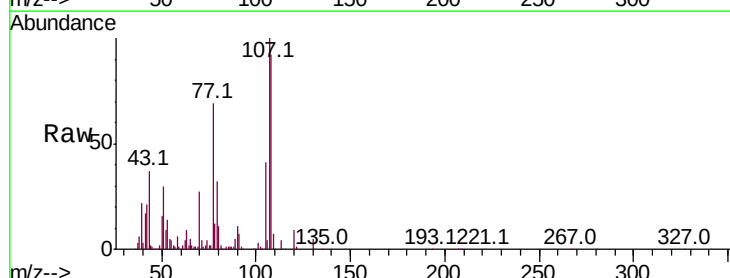
Manual Integrations
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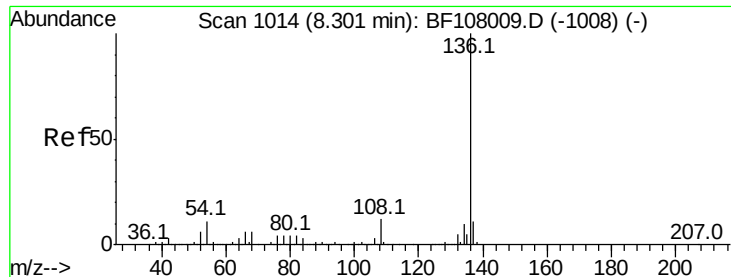
Sohil
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#20
3+4-Methylphenols
Concen: 42.414 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	69.4	26.7	66.7#
79	32.4	6.3	46.3





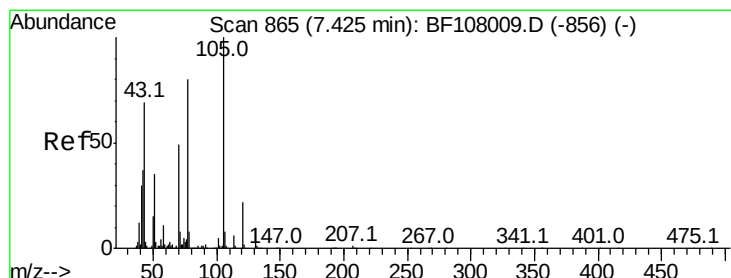
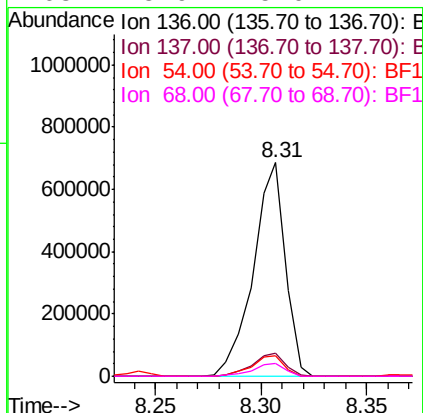
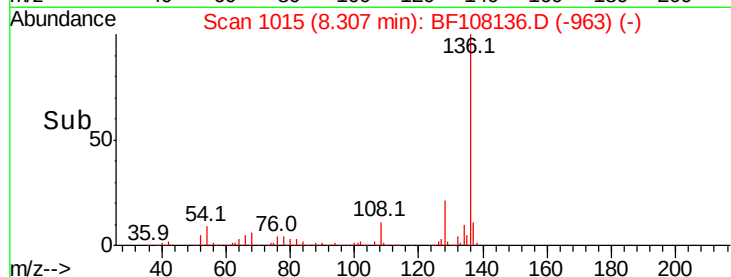
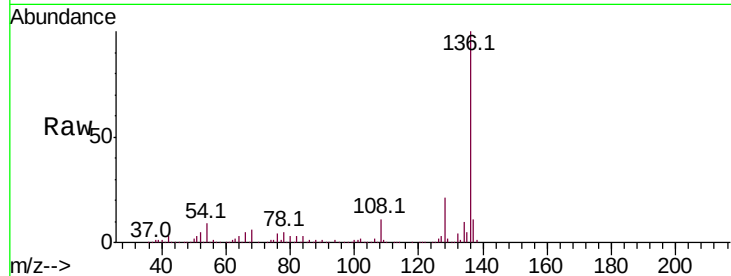
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampled :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	9.3	6.6	9.8	
68	5.9	5.0	7.4	

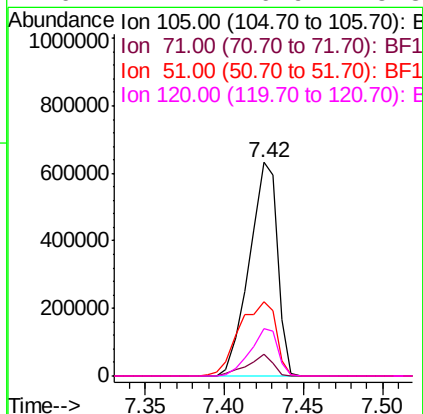
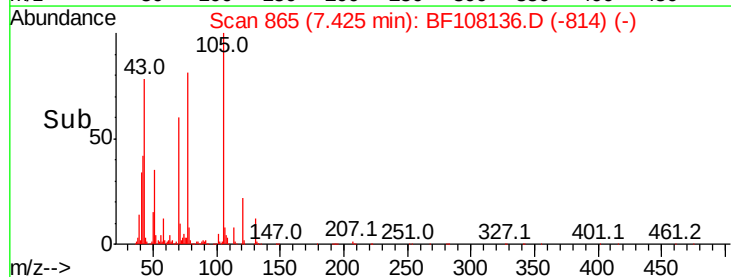
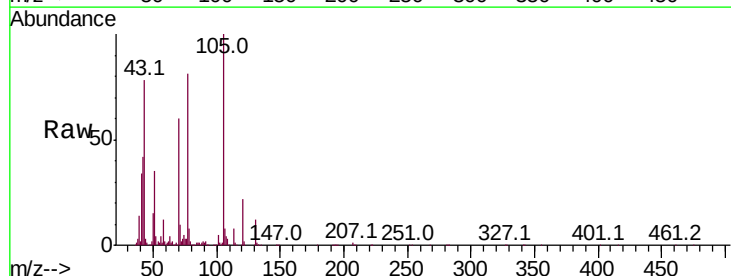
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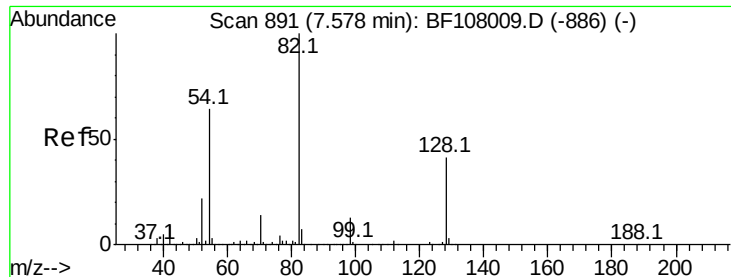
Sohil
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#22
Acetophenone
Concen: 46.389 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.3	4.4	6.6#	
51	34.7	22.3	33.5#	
120	22.1	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 91.015 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tot Ion: 82 Resp: 1181268

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

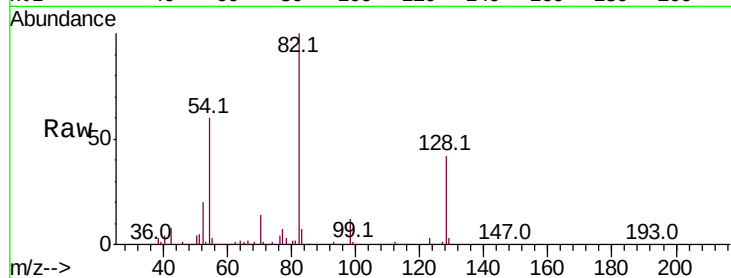
54 59.9 41.4 62.2

Manual Integrations

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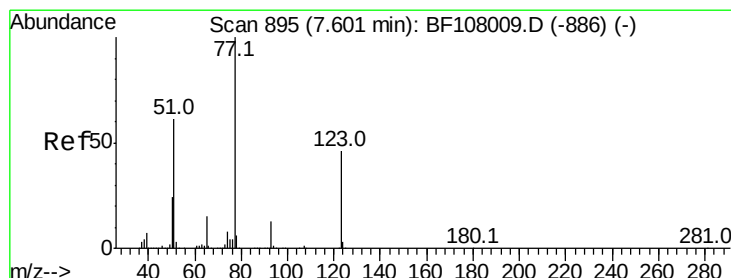
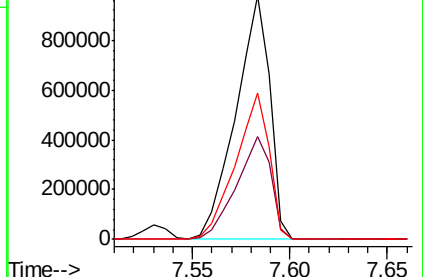
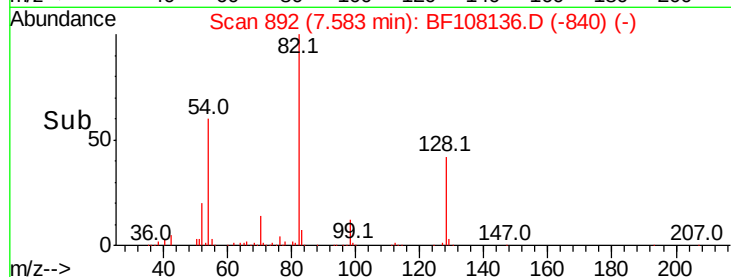
8/15/2018 3:38:19 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 47.319 ng

RT: 7.60 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

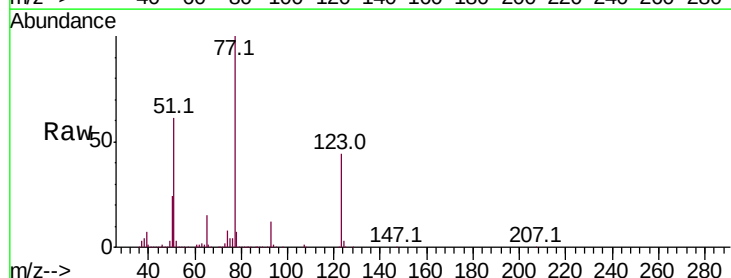
Tgt Ion: 77 Resp: 621036

Ion Ratio Lower Upper

77 100

123 43.9 37.9 56.9

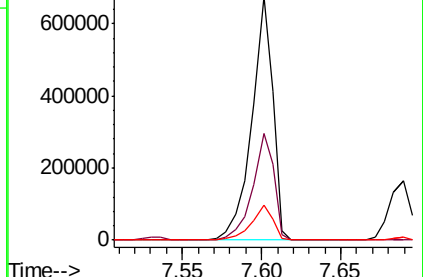
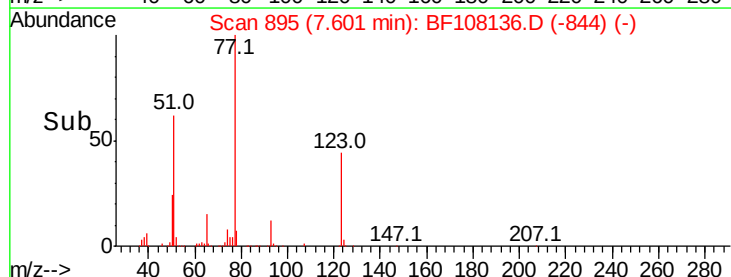
65 14.6 11.0 16.4

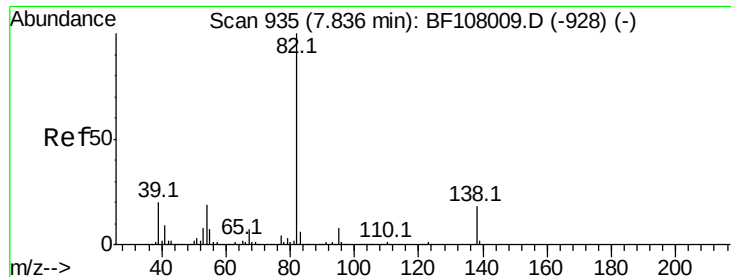


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.994 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tot Ion: 82 Resp: 1137801

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

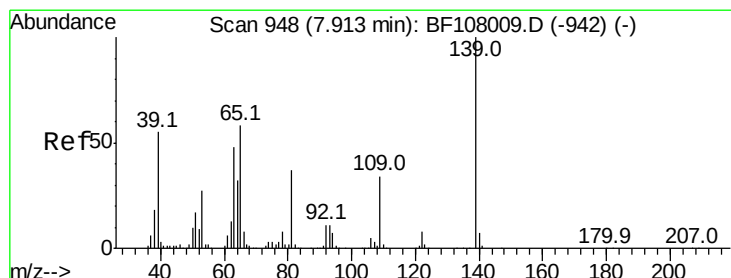
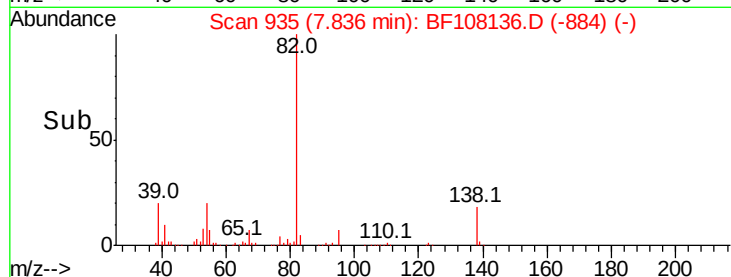
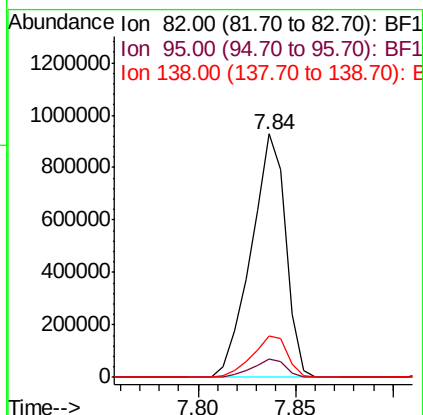
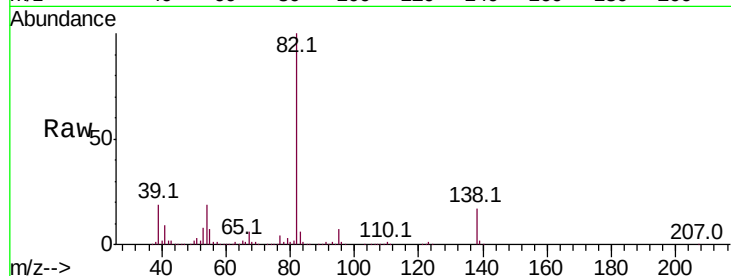
138 16.8 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.548 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

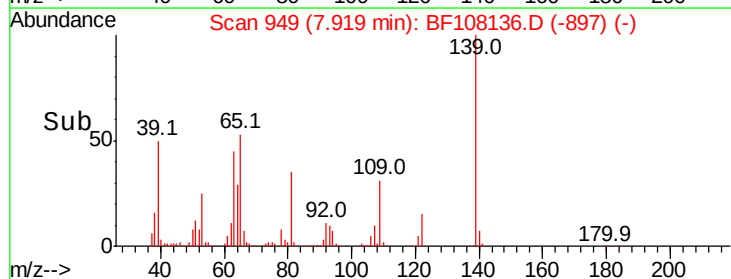
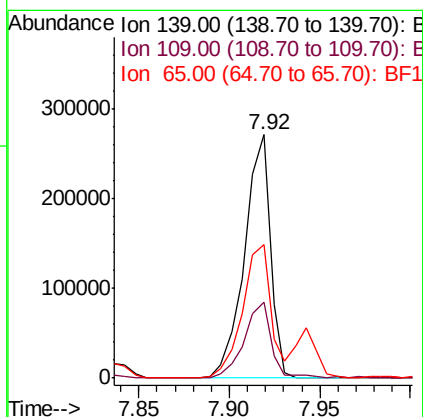
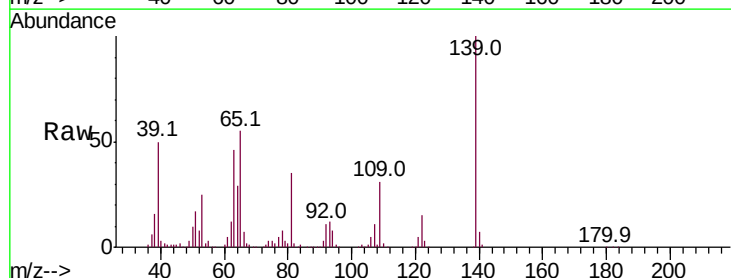
Tgt Ion: 139 Resp: 270358

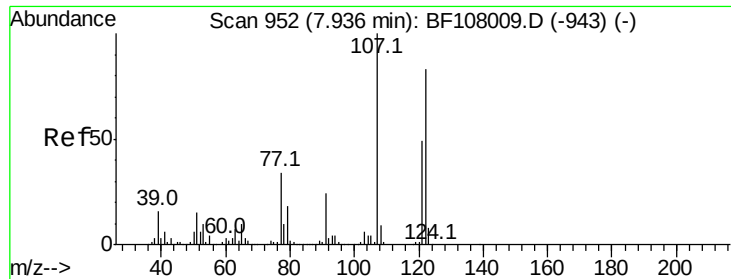
Ion Ratio Lower Upper

139 100

109 31.3 22.7 34.1

65 54.8 40.5 60.7





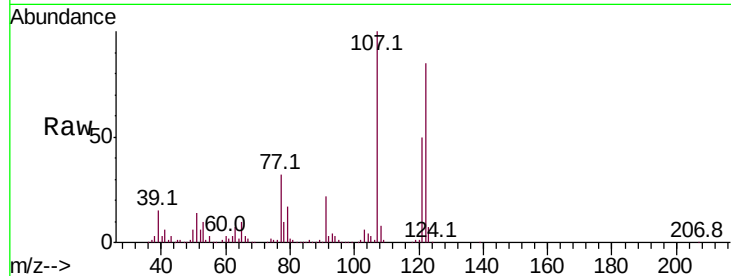
#27
 2,4-Dimethylphenol
 Concen: 47.232 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	518587		
107	118.2	91.2	136.8	
121	59.5	47.2	70.8	

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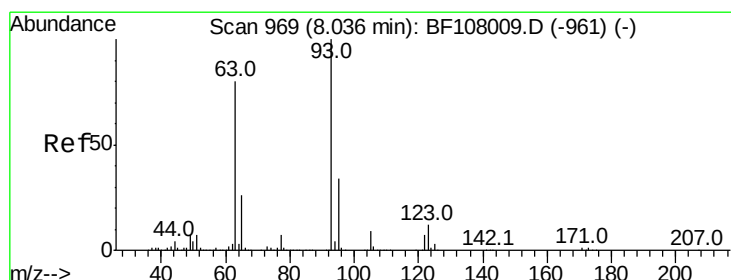
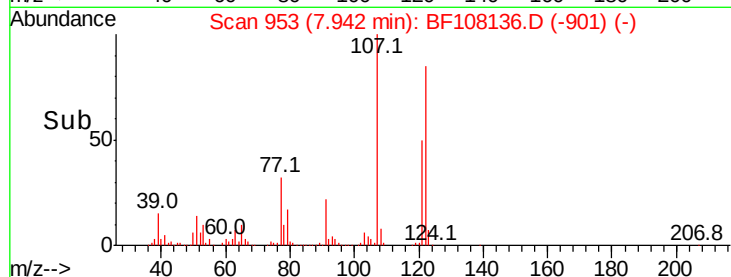
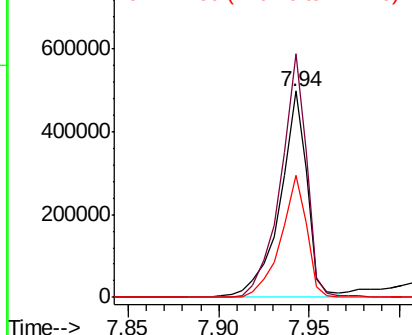


Abundance

Ion 122.00 (121.70 to 122.70): E

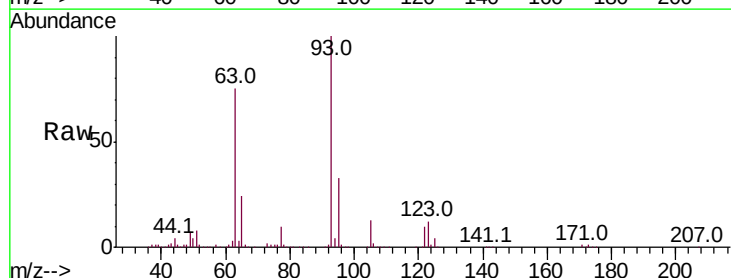
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.308 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	683205		
95	33.5	26.3	39.5	
123	11.7	9.8	14.6	

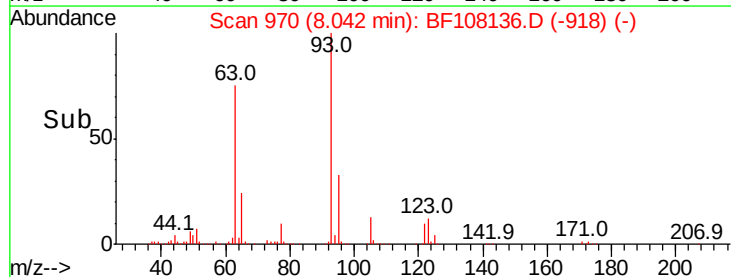
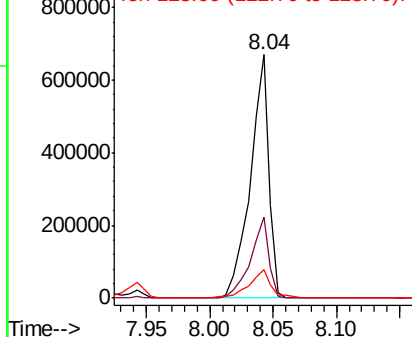


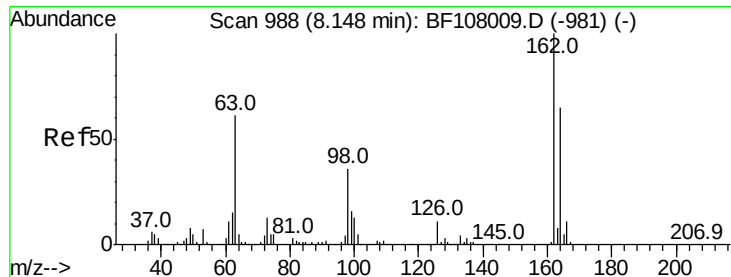
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





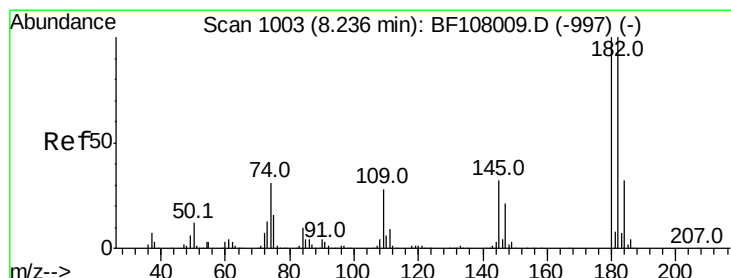
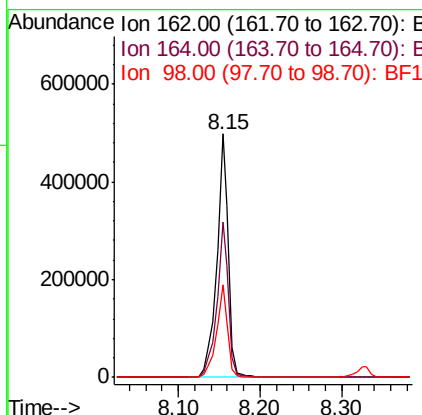
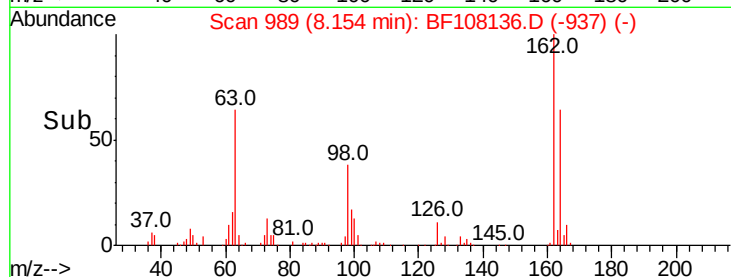
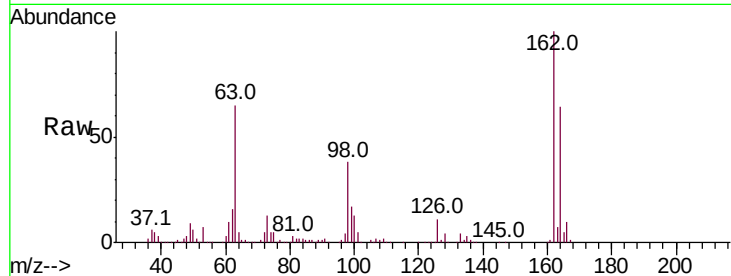
#29
2,4-Dichlorophenol
Concen: 48.583 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	490882		
164	63.7	42.7	82.7	
98	37.8	18.1	58.1	

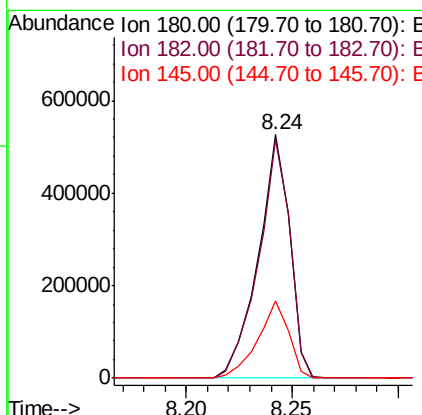
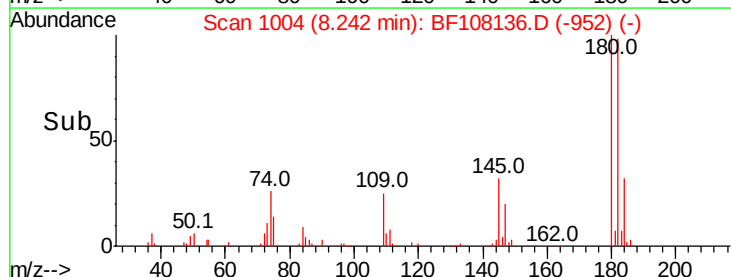
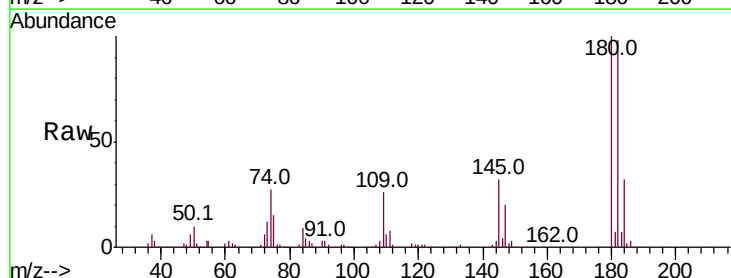
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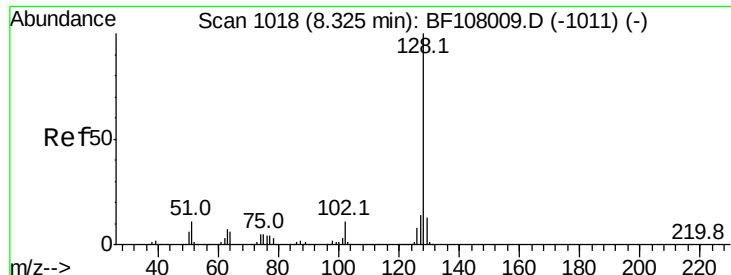
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#30
1,2,4-Trichlorobenzene
Concen: 48.872 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	544437		
182	97.8	76.8	115.2	
145	31.8	26.5	39.7	





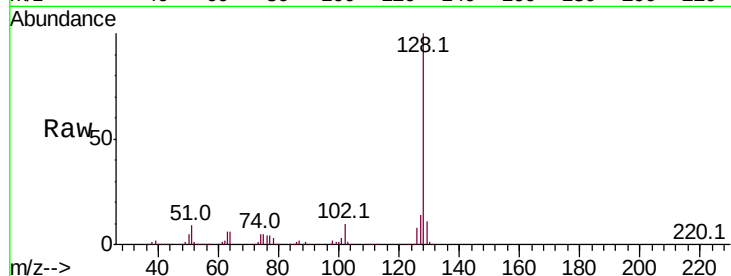
#31
Naphthalene
Concen: 48.798 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.8	10.9	16.3

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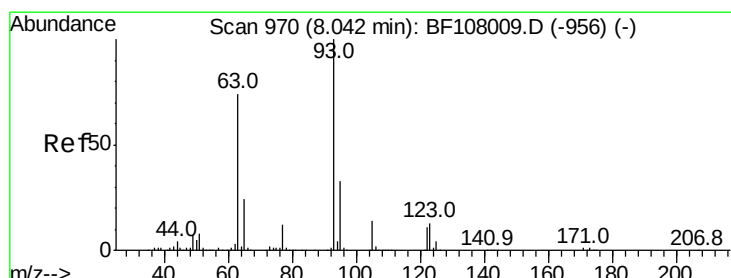
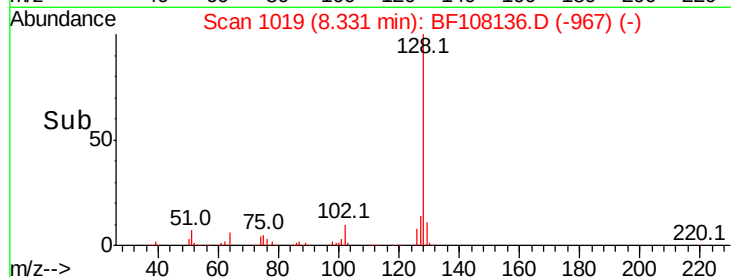
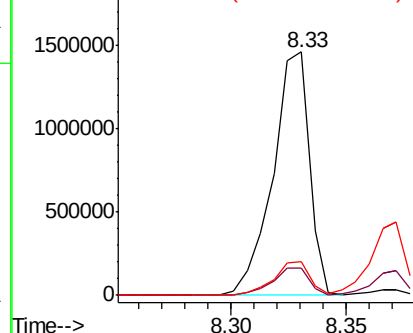


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.031 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

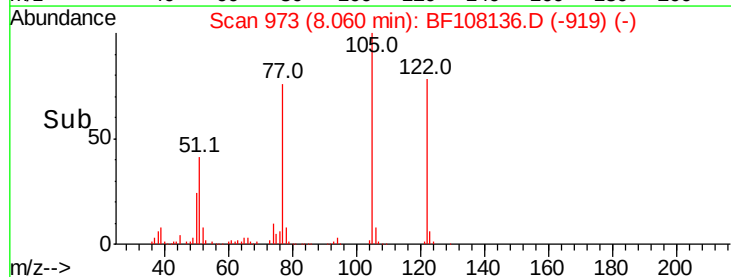
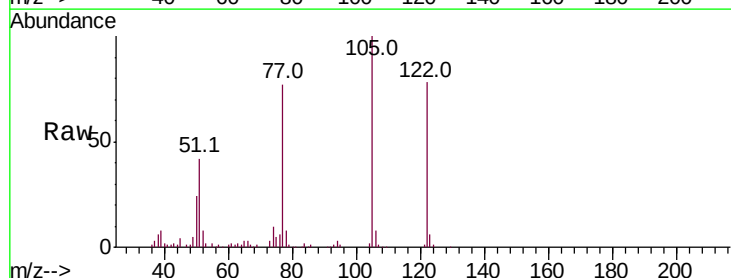
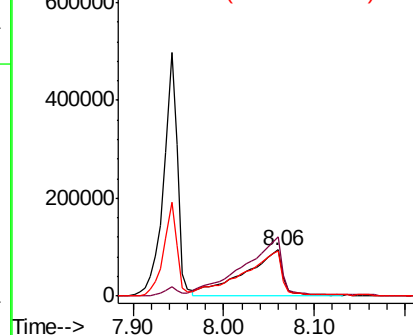
Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	101.1	141.1
77	98.5	70.7	110.7

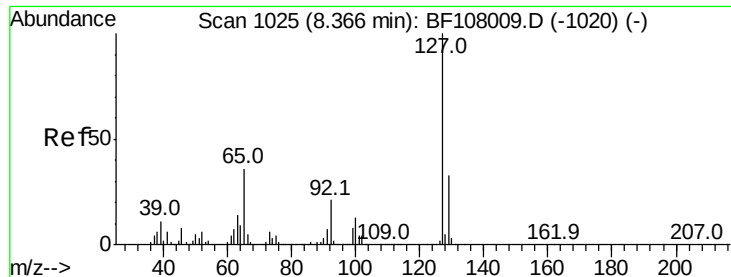
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





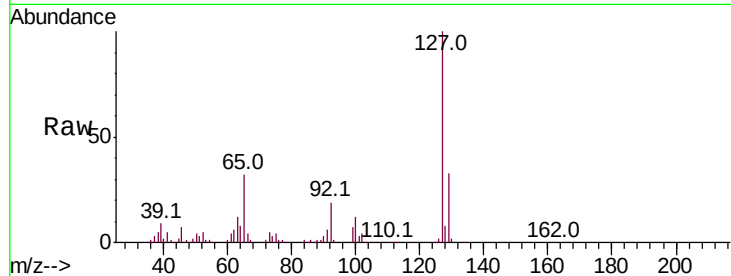
#33
4-Chloroaniline
Concen: 32.436 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	32.0	25.0	37.4	
92	19.1	15.2	22.8	

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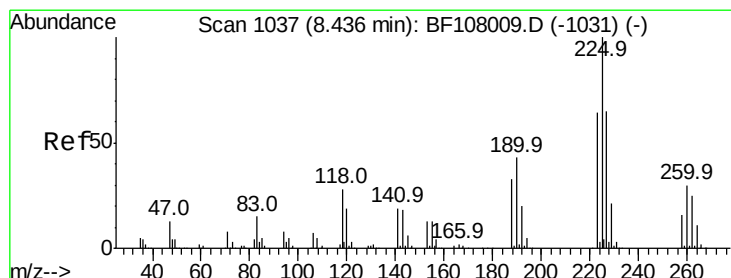
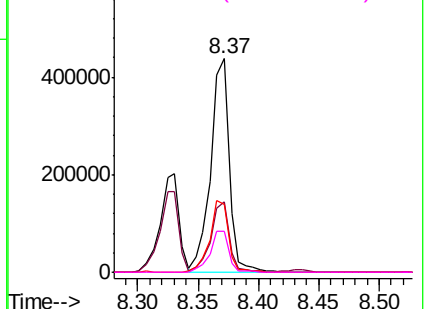
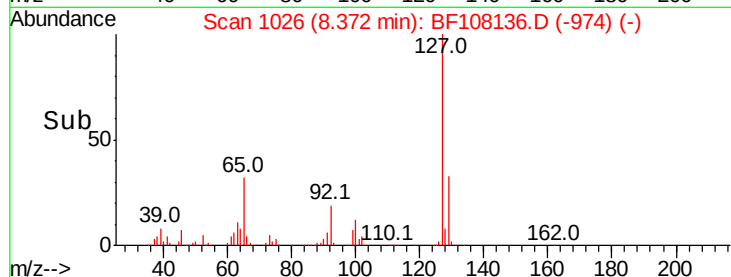
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

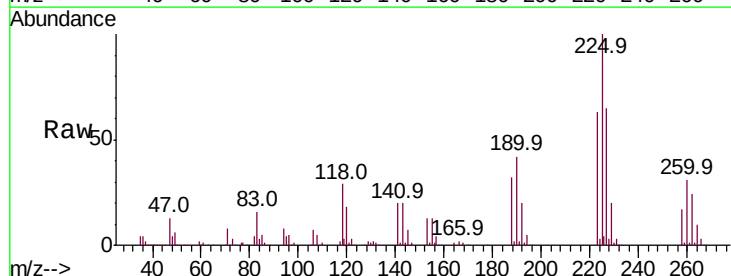
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 48.973 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.6	76.0	
227	64.8	51.9	77.9	

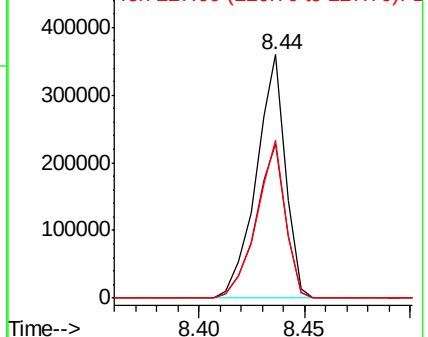
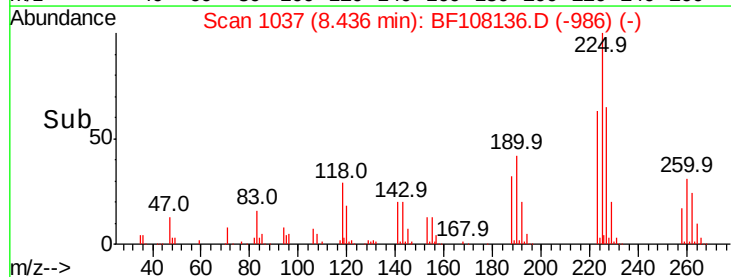


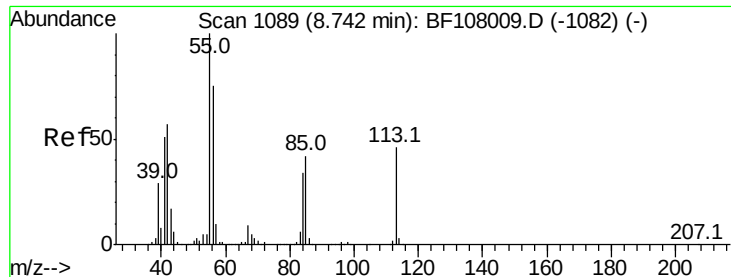
Abundance

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: 50.531 ng/ml

RT: 8.74 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampled :

PB111926BS

Tot Ion: 113 Resp: 160000

Ion Ratio Lower Upper

113 100

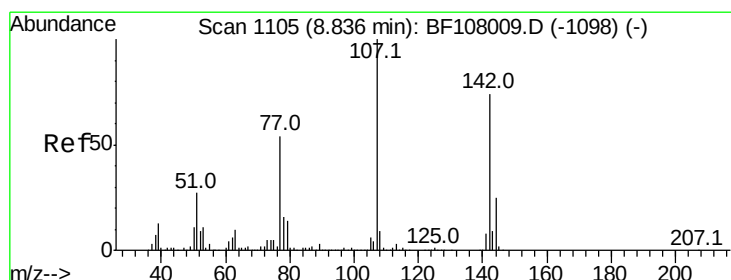
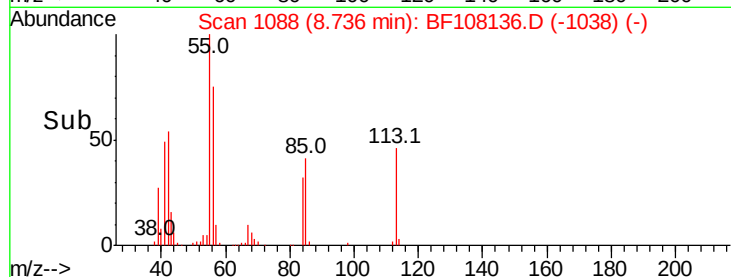
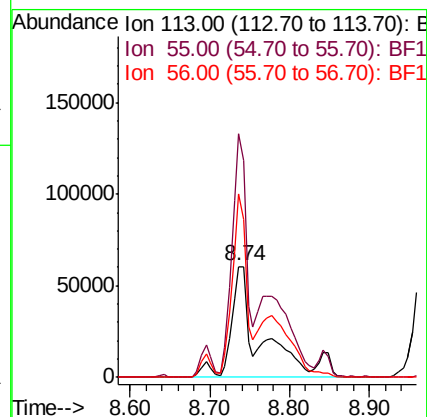
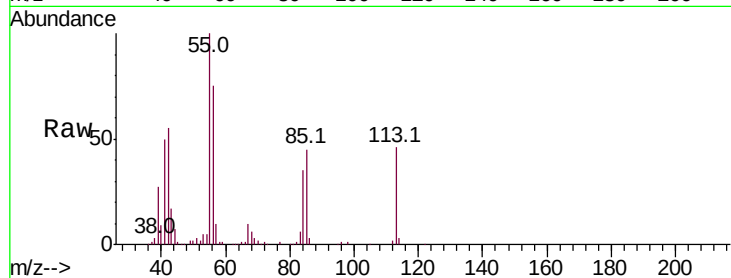
55 219.5 163.3 203.3#

56 165.5 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 46.516 ng/ml

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

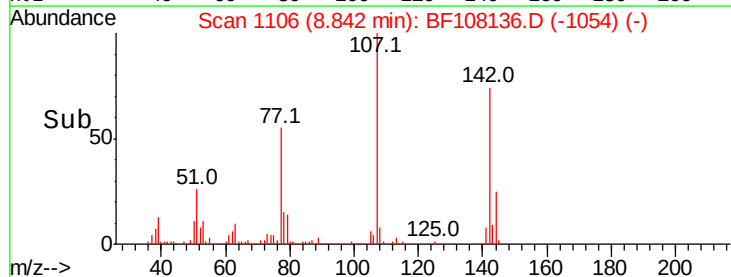
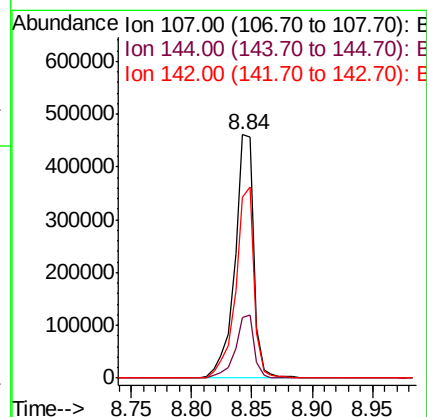
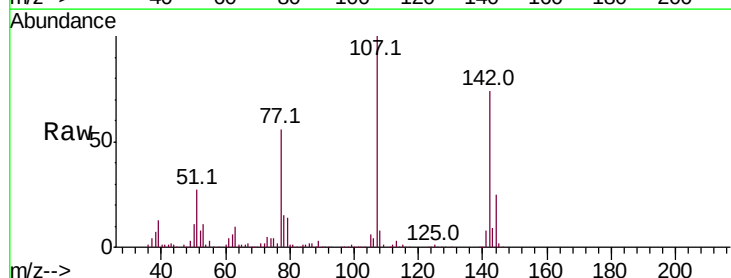
Tgt Ion: 107 Resp: 507028

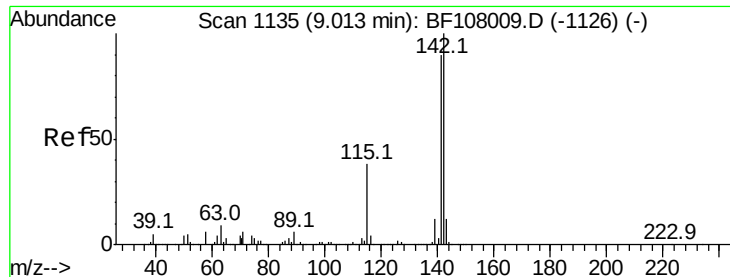
Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

142 74.3 62.0 93.0





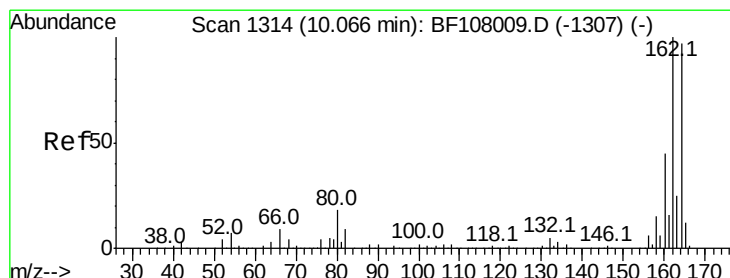
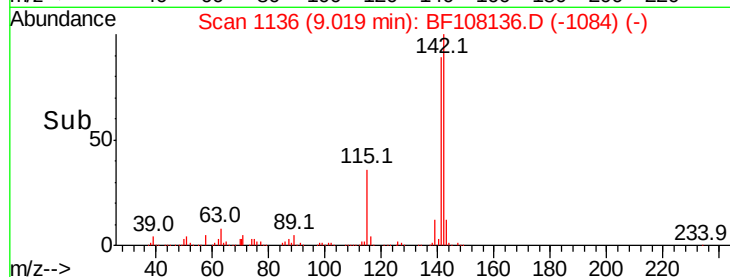
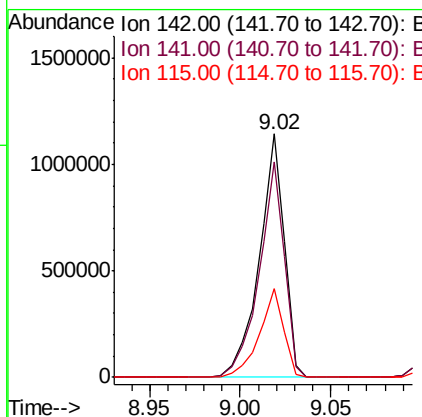
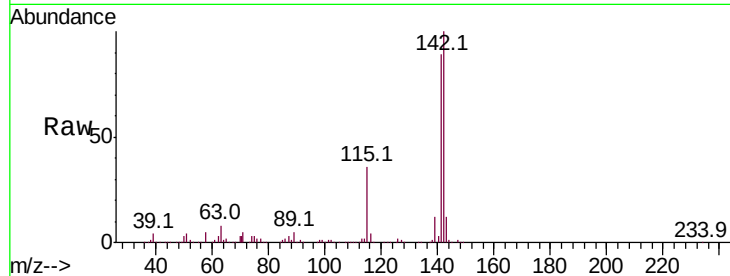
#37
2-Methylnaphthalene
Concen: 47.196 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	36.2	26.1	39.1

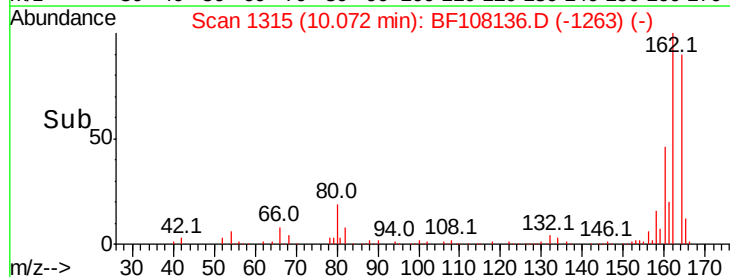
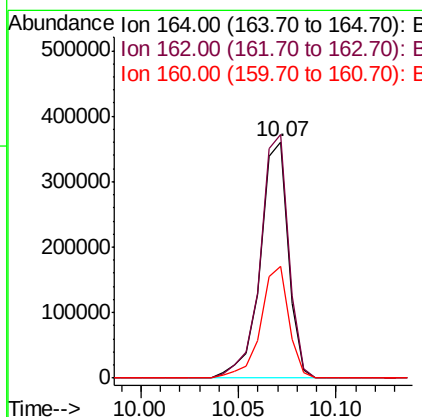
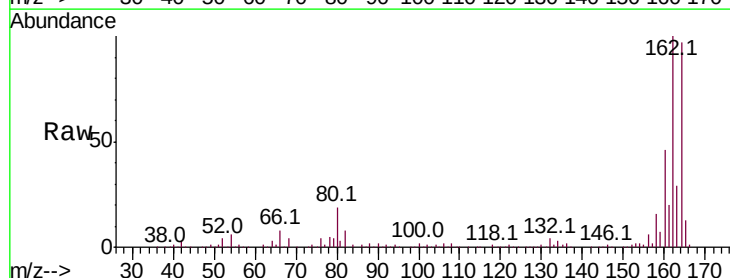
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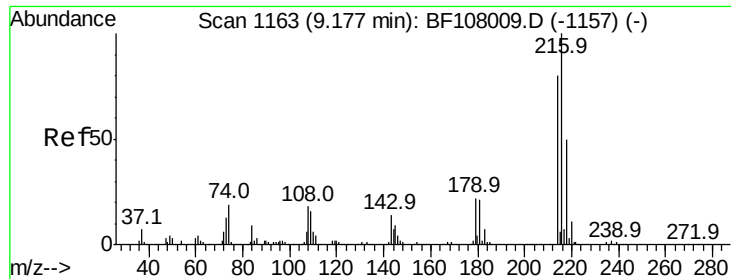
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.2	38.3	57.5





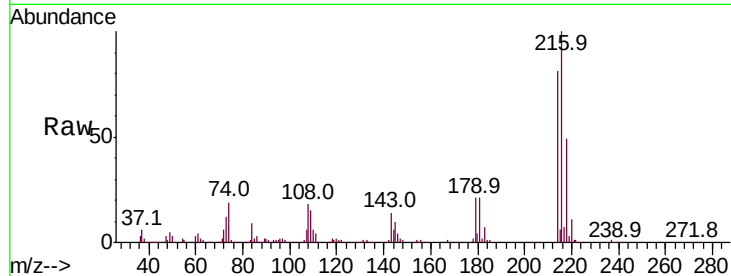
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.345 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

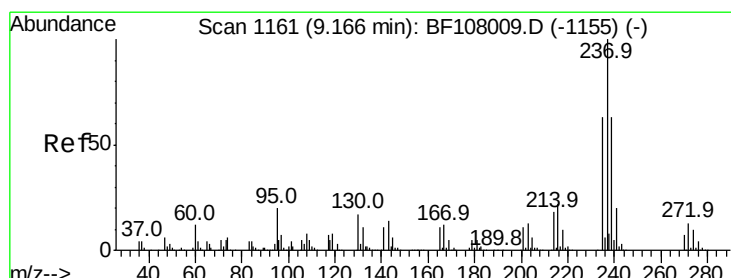
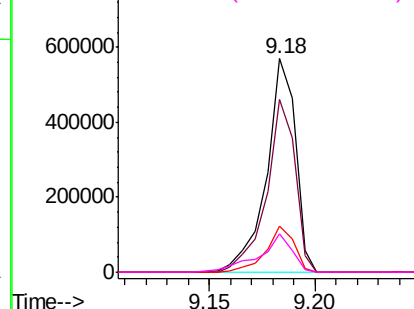
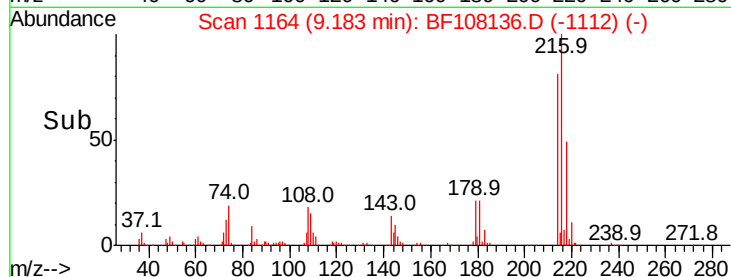
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.9	18.1	27.1
108	20.2	17.2	25.8

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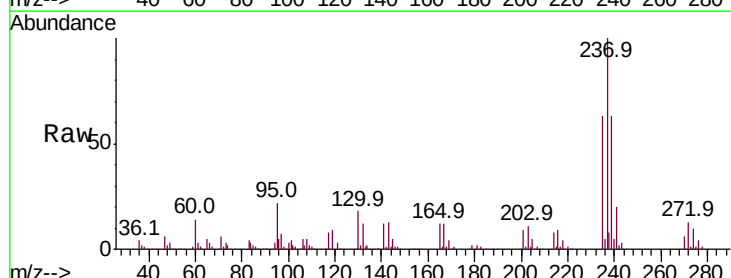


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

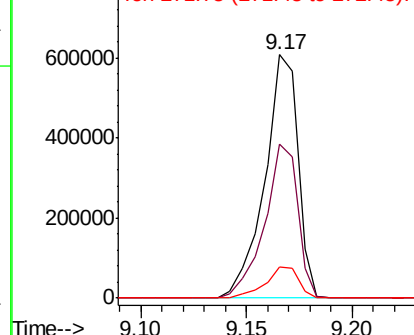
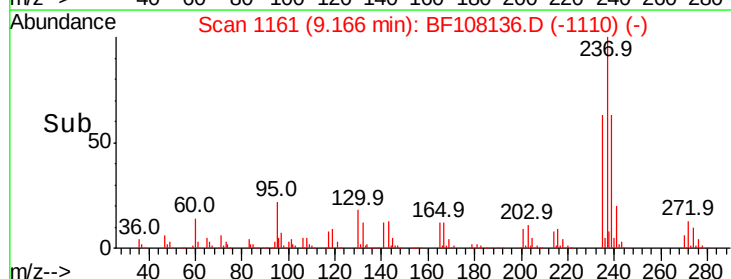


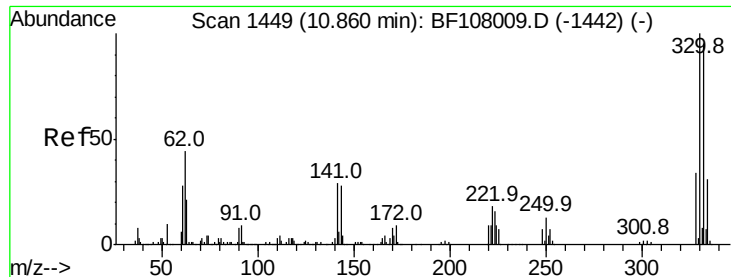
#40
 Hexachlorocyclopentadiene
 Concen: 93.245 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.8	84.8
272	12.6	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





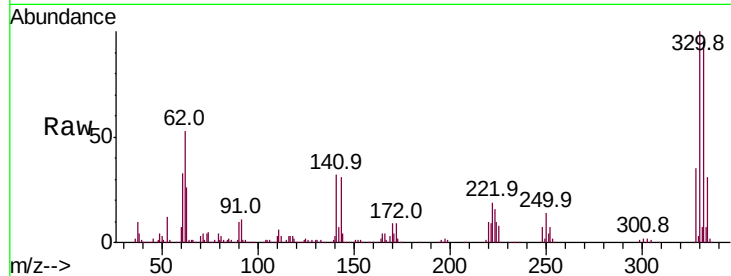
#41
 2,4,6-Tribromophenol
 Concen: 142.229 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

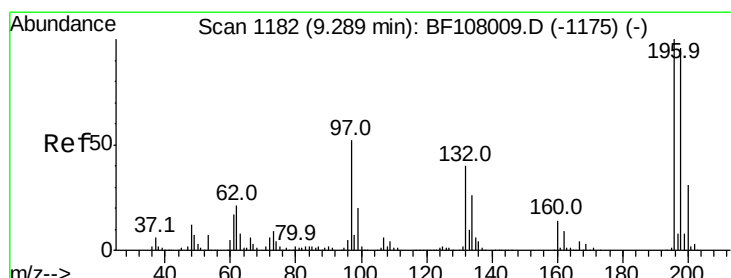
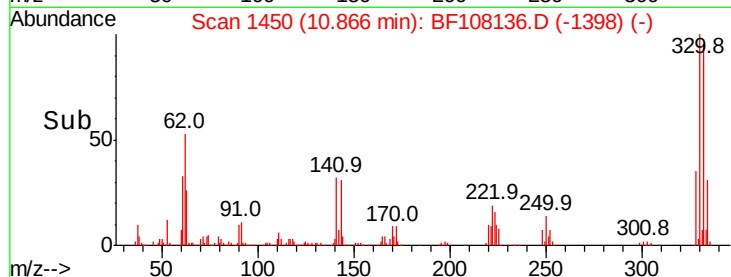
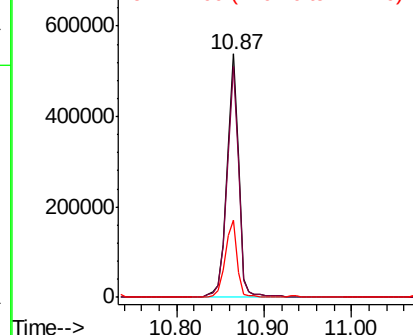
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	32.3	29.9	44.9	

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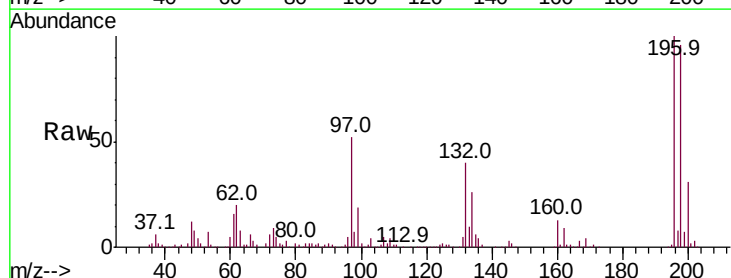


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

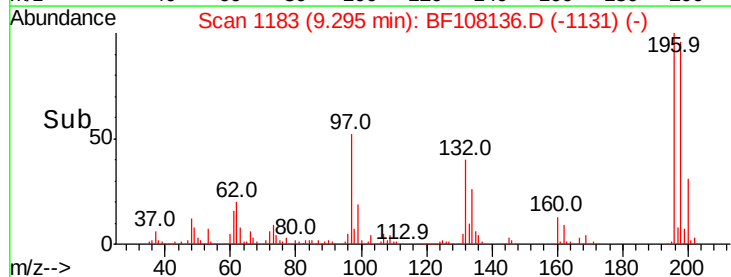
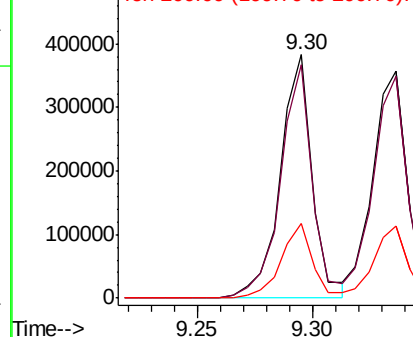


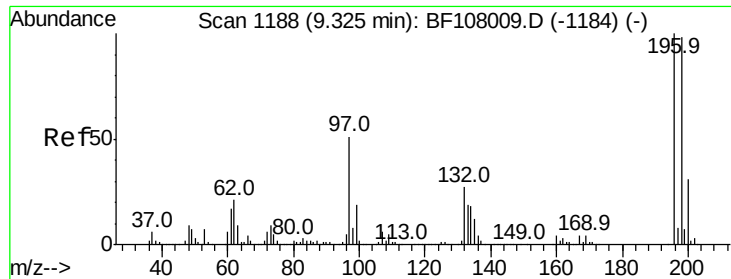
#42
 2,4,6-Trichlorophenol
 Concen: 53.268 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	75.7	113.5	
200	30.7	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





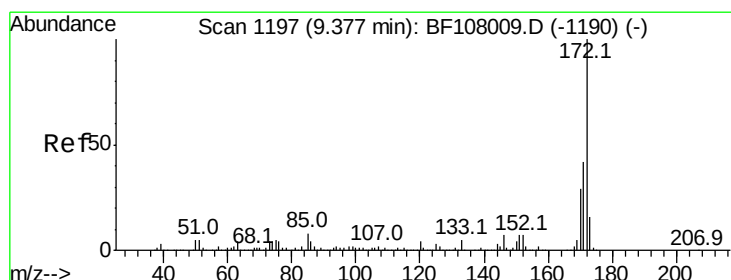
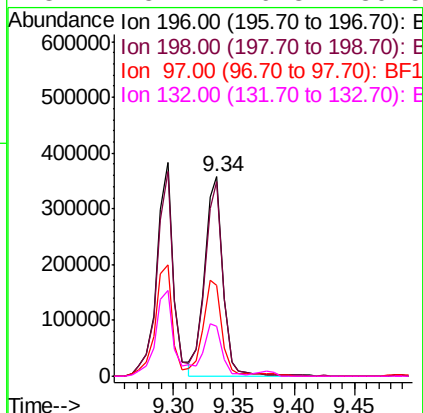
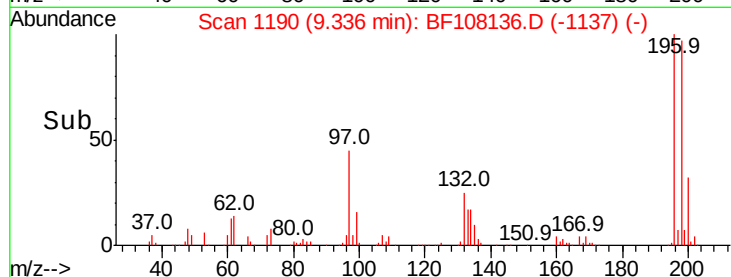
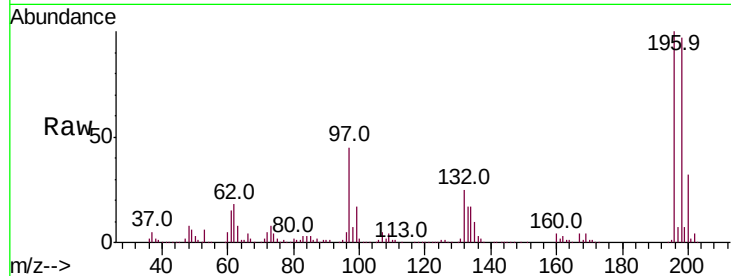
#43
 2,4,5-Trichlorophenol
 Concen: 49.914 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	377362		
198	97.3	74.6	112.0	
97	45.4	42.9	64.3	
132	25.1	26.3	39.5#	

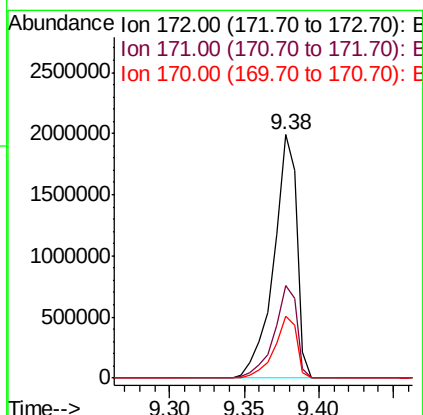
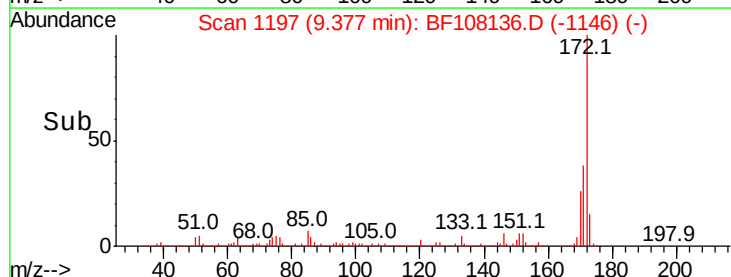
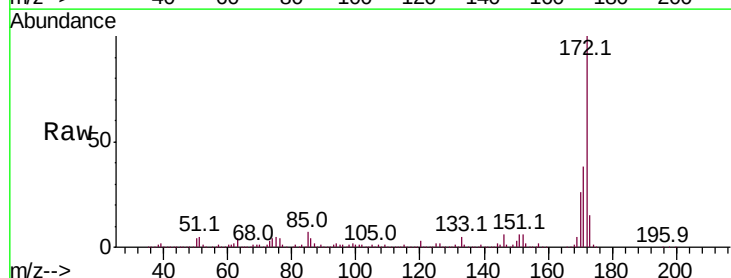
Manual Integrations
 APPROVED

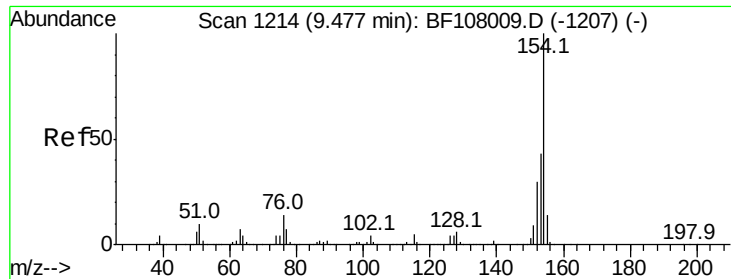
Sohil
 8/15/2018 3:38:19 PM



#44
 2-Fluorobiphenyl
 Concen: 95.393 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2141368		
171	38.1	29.7	44.5	
170	25.6	19.6	29.4	





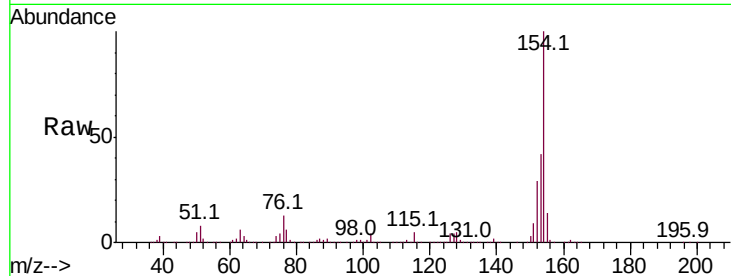
#45
 1,1'-Biphenyl
 Concen: 49.095 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	13.1	0.0	34.0

Manual Integrations
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Sohil
 8/15/2018 3:38:19 PM

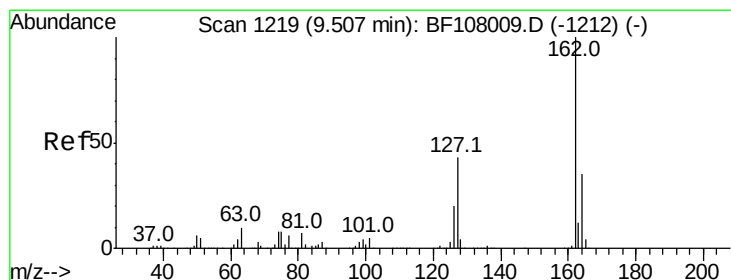
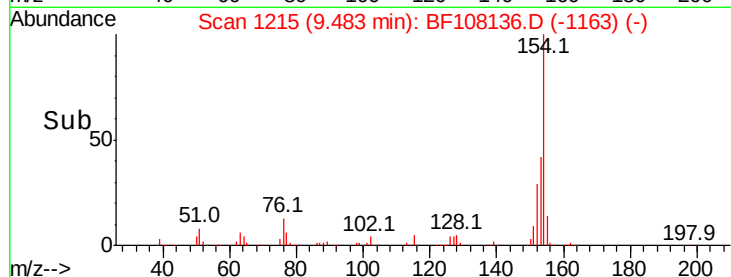
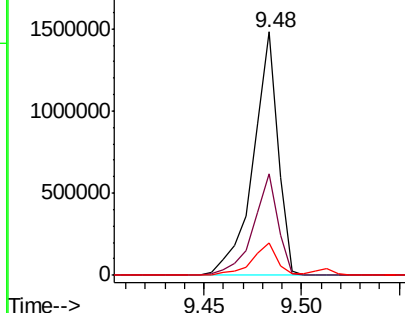


Abundance

Ion 154.00 (153.70 to 154.70): E

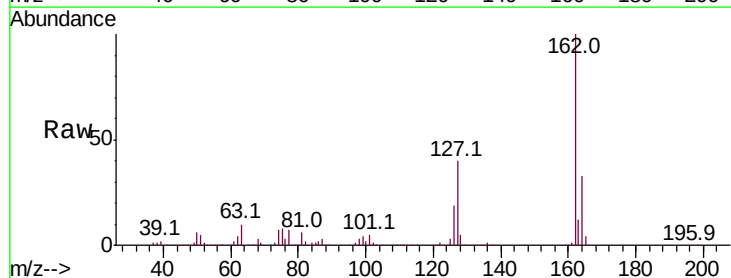
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 49.434 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	33.5	26.5	39.7

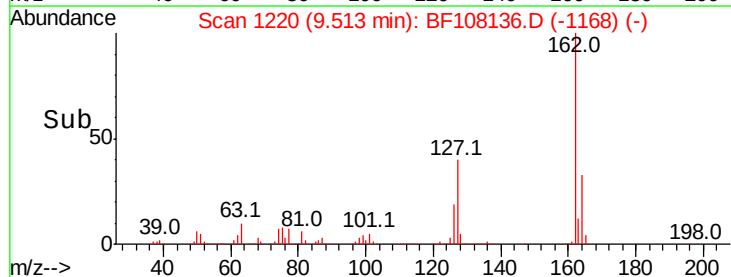
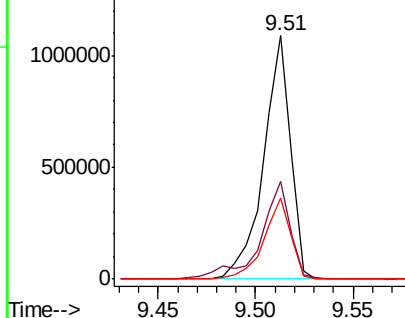


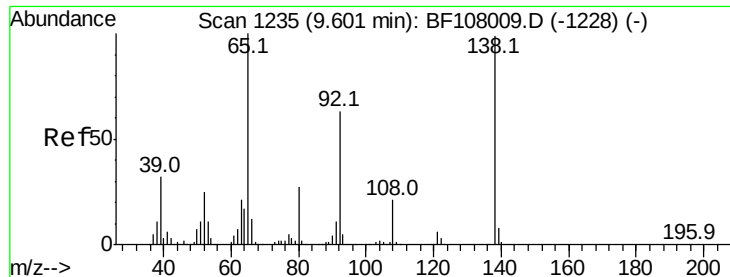
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





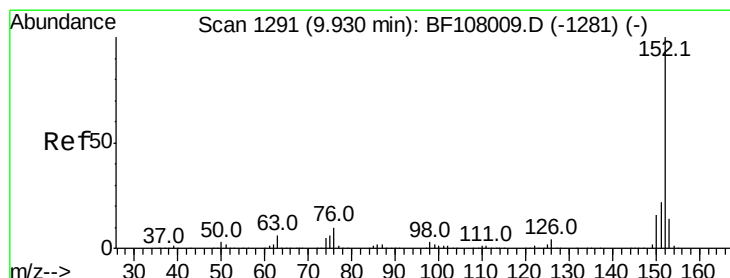
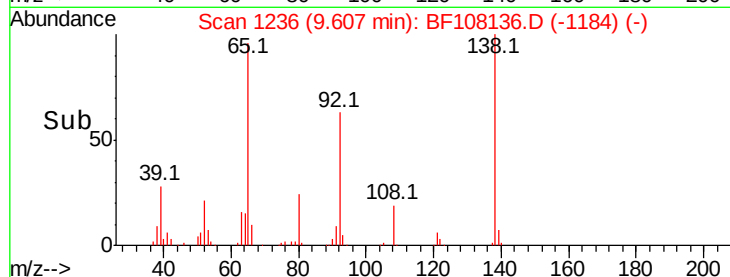
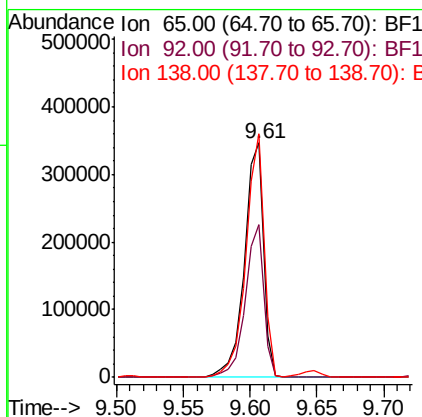
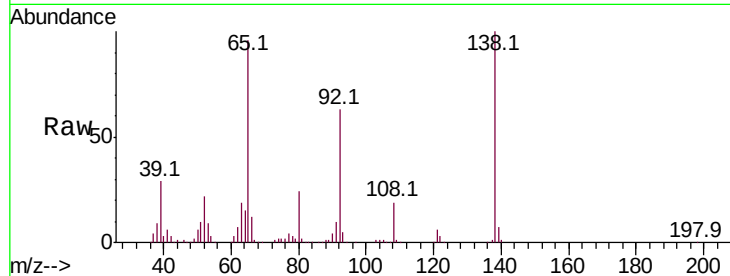
#47
2-Nitroaniline
Concen: 50.009 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.2	55.8	83.6	
138	103.9	91.2	136.8	

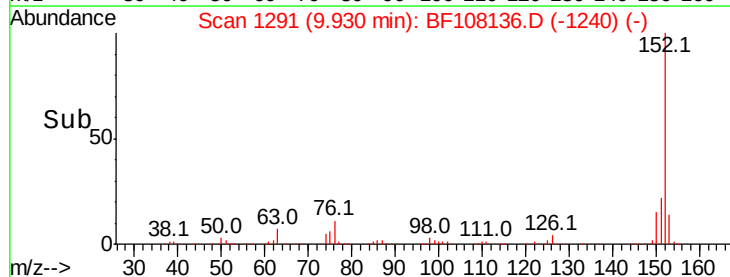
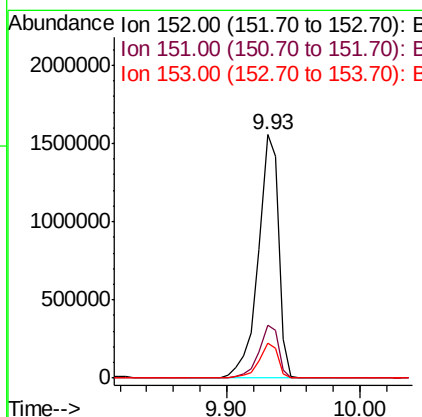
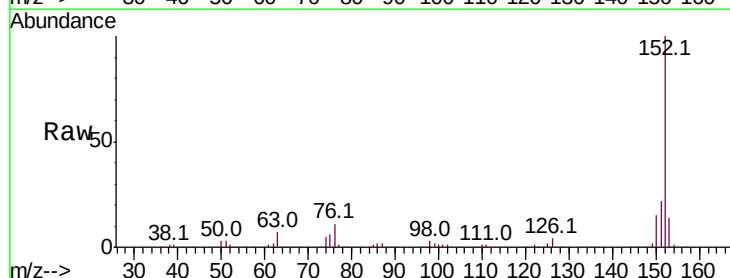
Manual Integrations
APPROVED

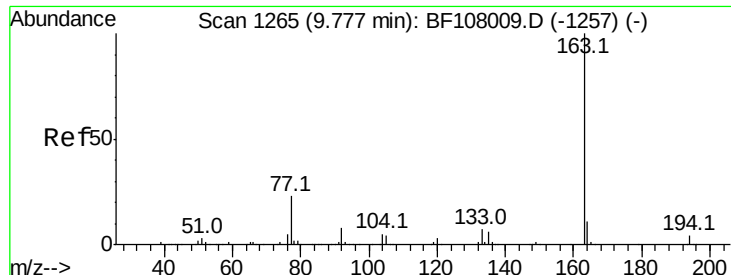
Sohil
8/15/2018 3:38:19 PM



#48
Acenaphthylene
Concen: 48.610 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.7	16.3	24.5	
153	14.3	10.7	16.1	





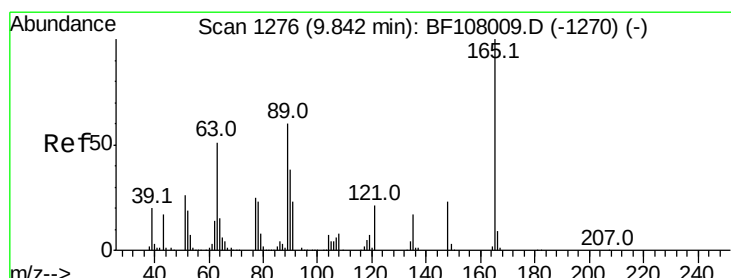
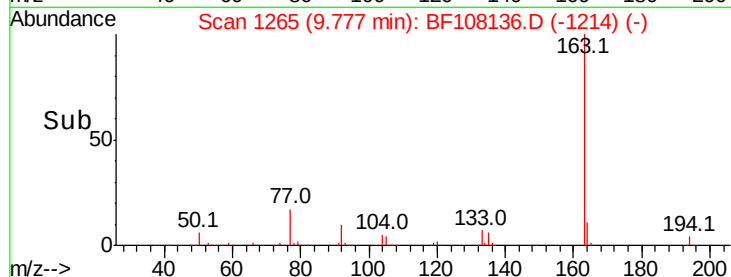
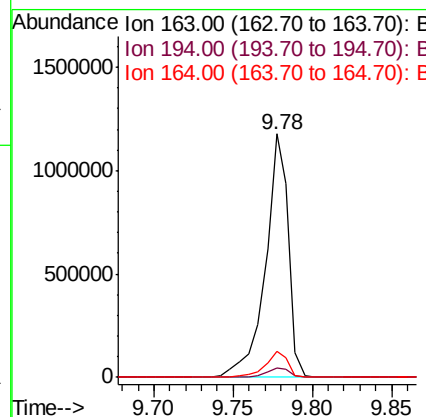
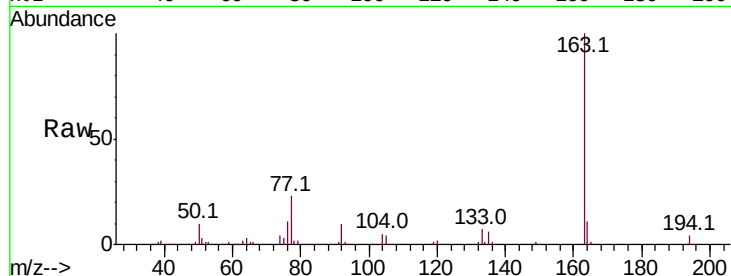
#49
Dimethylphthalate
Concen: 47.234 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.9	8.2	12.2

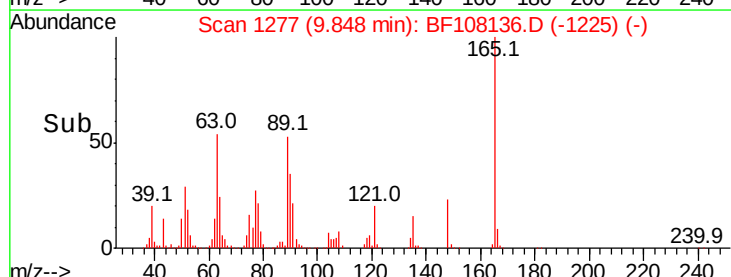
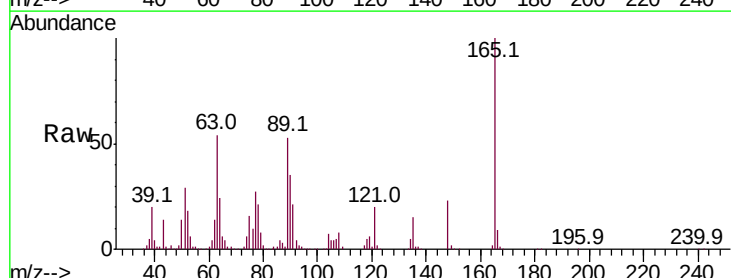
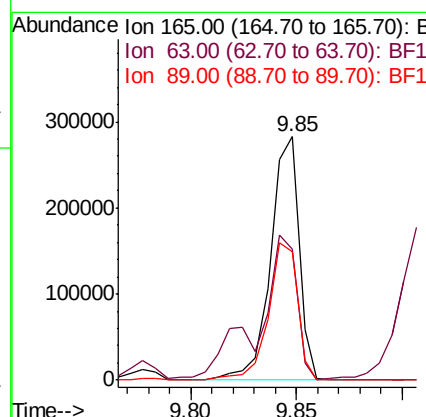
Manual Integrations
APPROVED

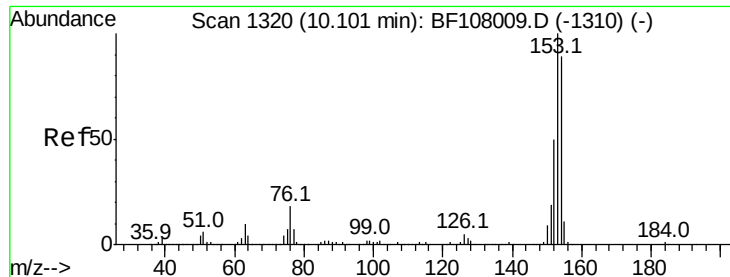
Sohil
8/15/2018 3:38:19 PM



#50
2,6-Dinitrotoluene
Concen: 50.646 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.6	44.7	67.1
89	52.6	44.0	66.0





#51

Acenaphthene

Concen: 51.697 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampled :

PB111926BS

Tot Ion:154 Resp: 1051292

Ion Ratio Lower Upper

154 100

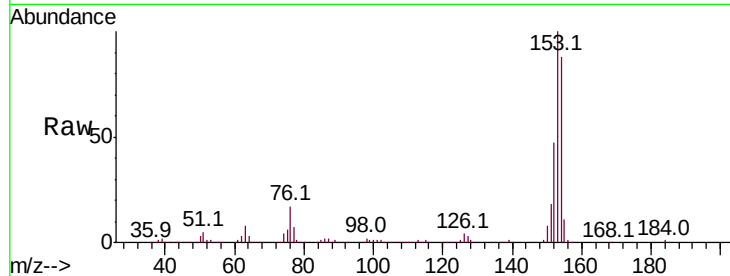
153 113.9 91.2 136.8

152 53.7 43.8 65.8

Manual Integrations
APPROVED

Sohil

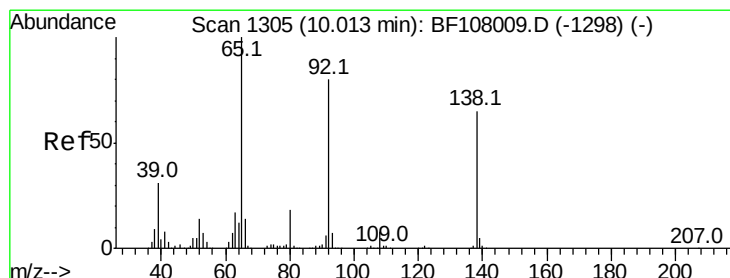
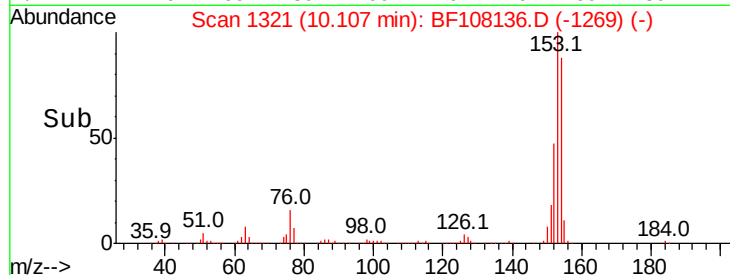
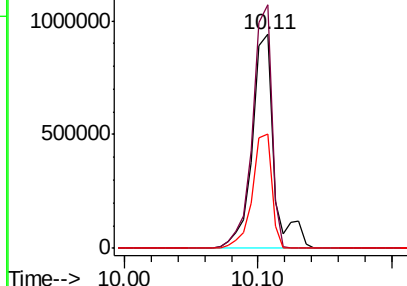
8/15/2018 3:38:19 PM



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: 37.332 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

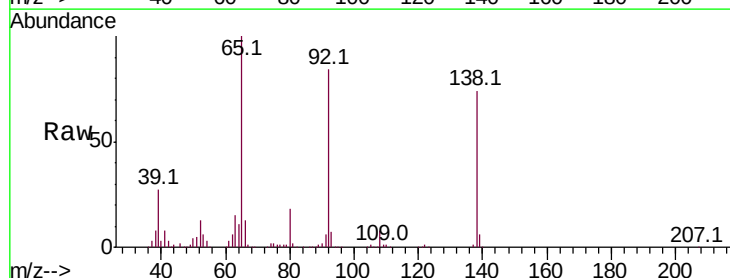
Tgt Ion:138 Resp: 214537

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

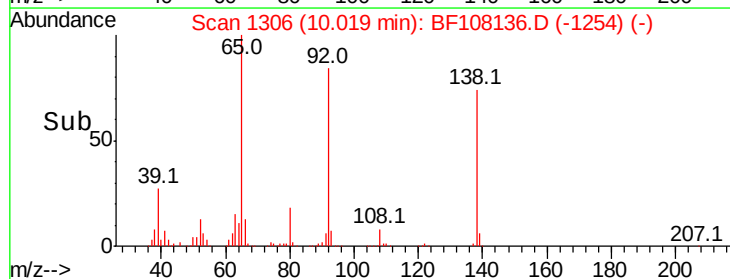
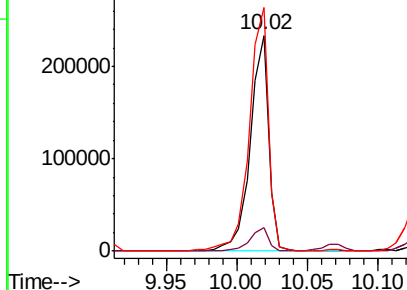
92 112.9 89.4 134.2

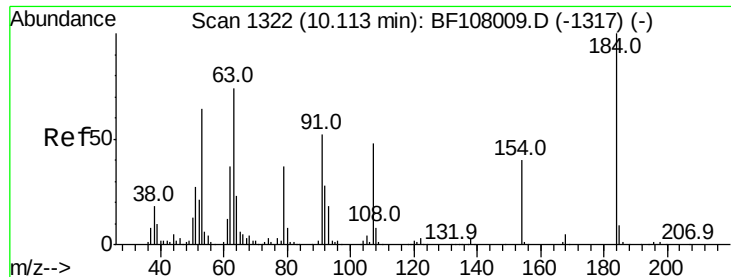


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





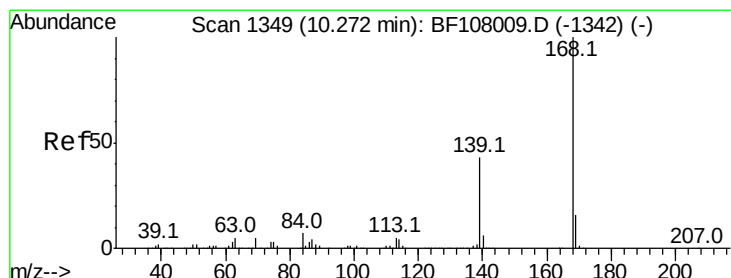
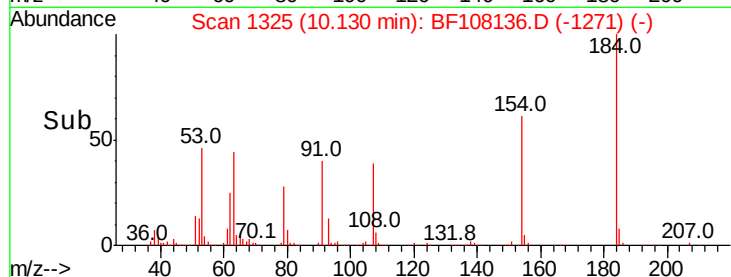
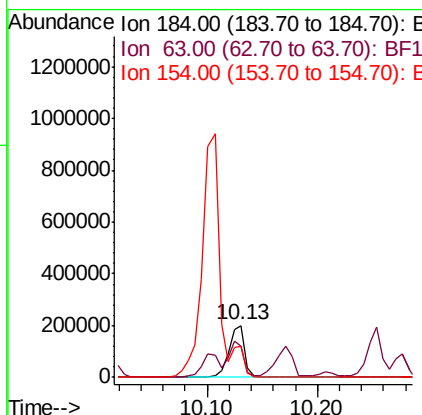
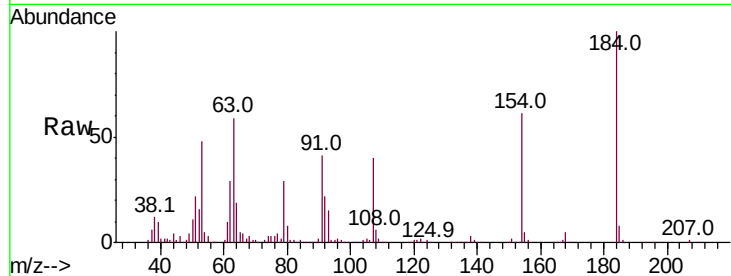
#53
2,4-Dinitrophenol
Concen: 99.723 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.1	54.2	81.2
154	60.8	184.0	276.0#

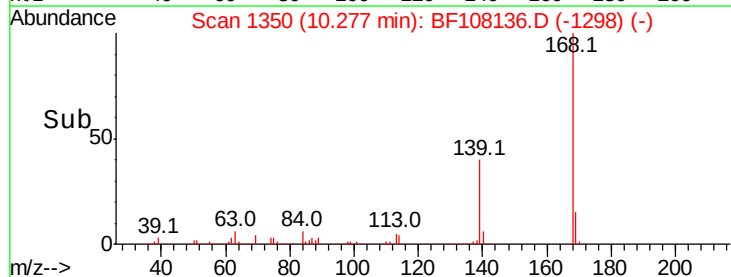
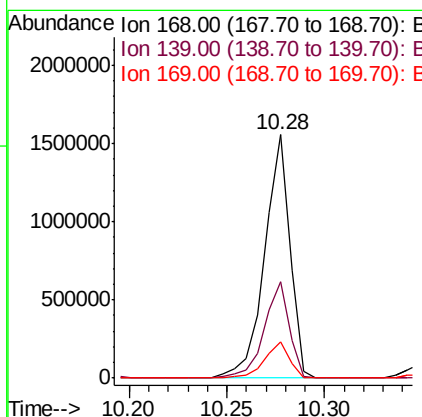
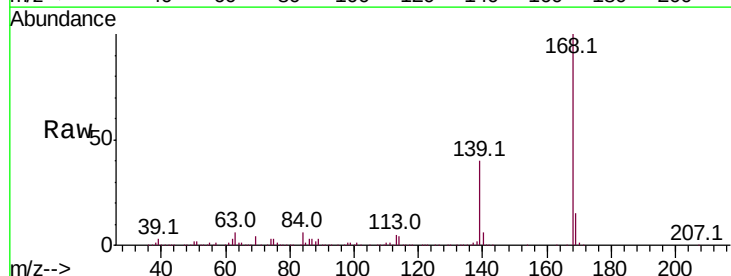
Manual Integrations
APPROVED

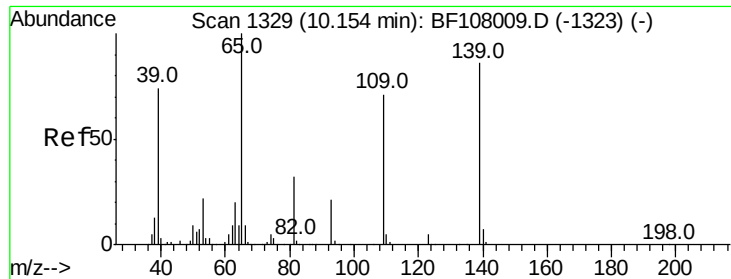
Sohil
8/15/2018 3:38:19 PM



#54
Dibenzofuran
Concen: 47.602 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	14.8	10.9	16.3





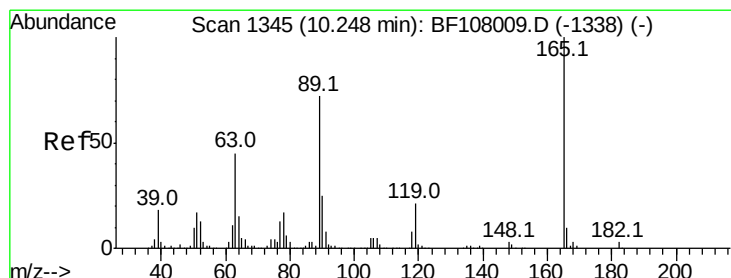
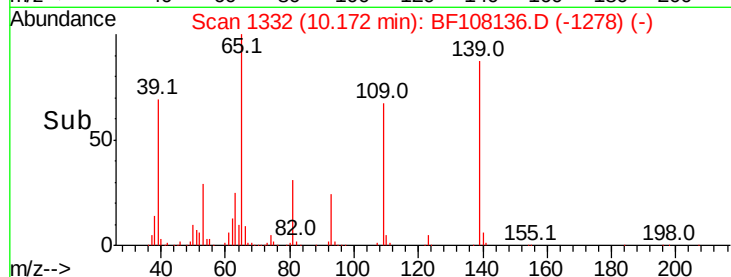
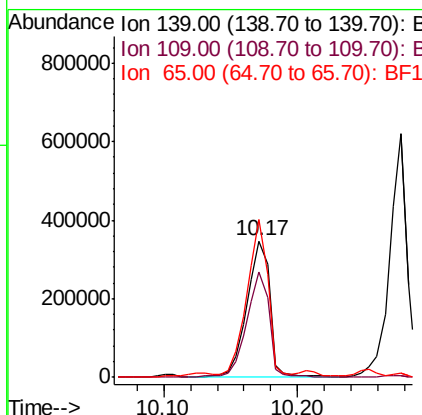
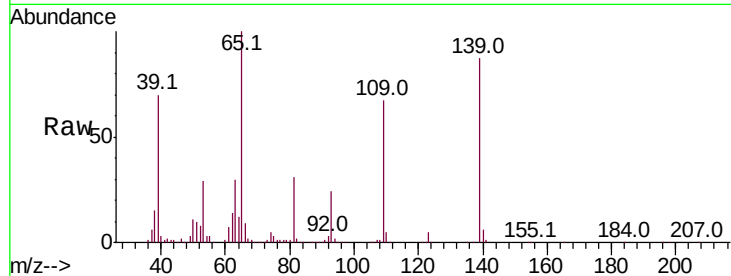
#55
4-Nitrophenol
Concen: 93.791 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.2	48.4	88.4	
65	115.3	72.6	112.6	#

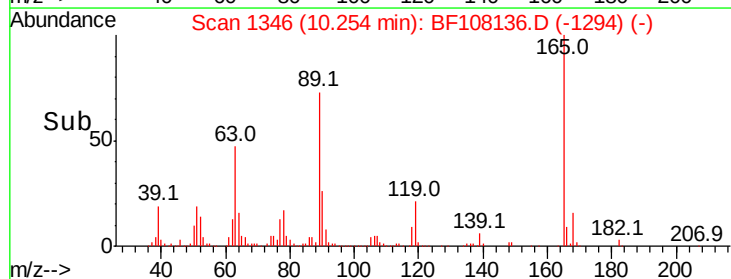
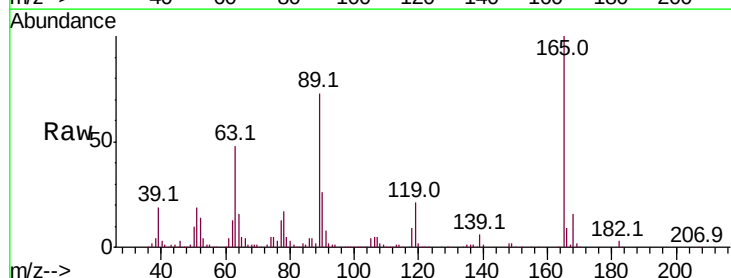
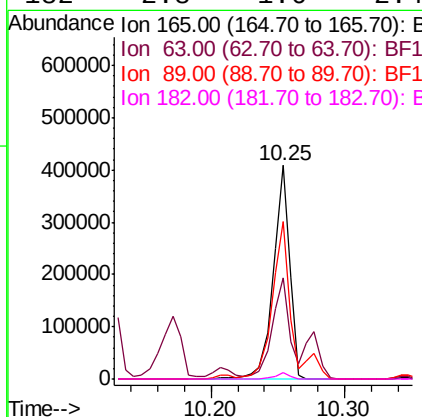
Manual Integrations
APPROVED

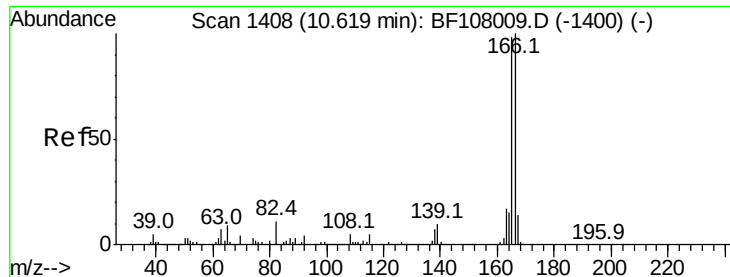
Sohil
8/15/2018 3:38:19 PM



#56
2,4-Dinitrotoluene
Concen: 52.033 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.5	36.4	54.6	
89	73.5	57.8	86.6	
182	2.8	1.6	2.4	#





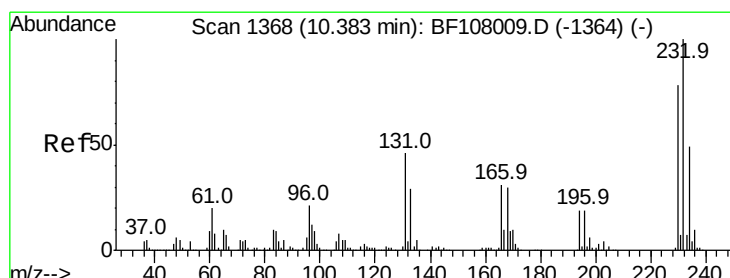
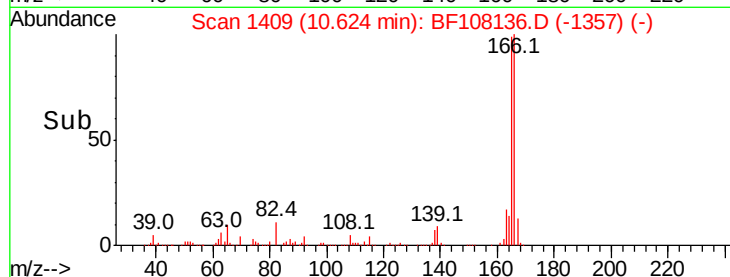
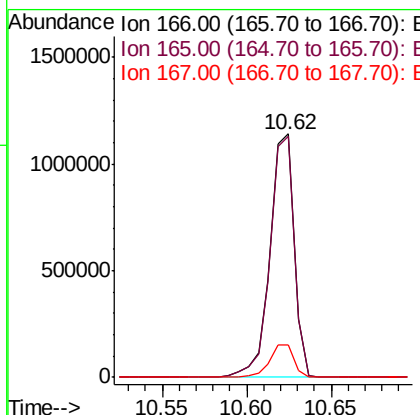
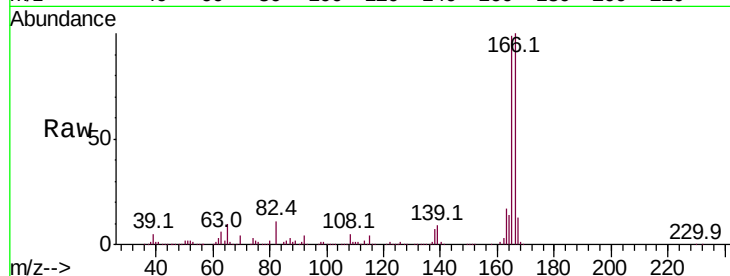
#57
 Fluorene
 Concen: 47.923 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.5	10.6	16.0

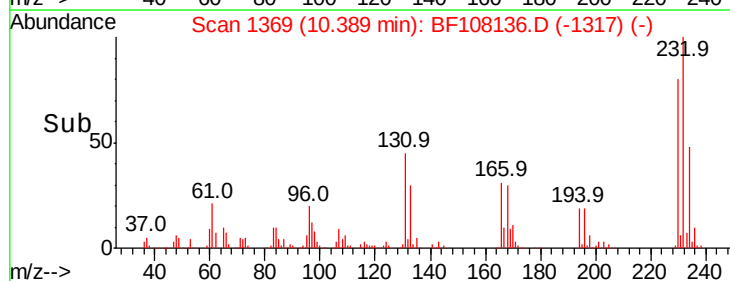
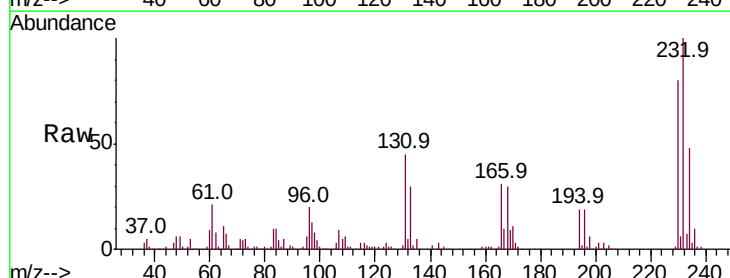
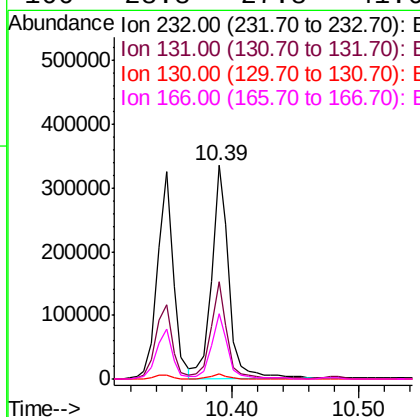
Manual Integrations
 APPROVED

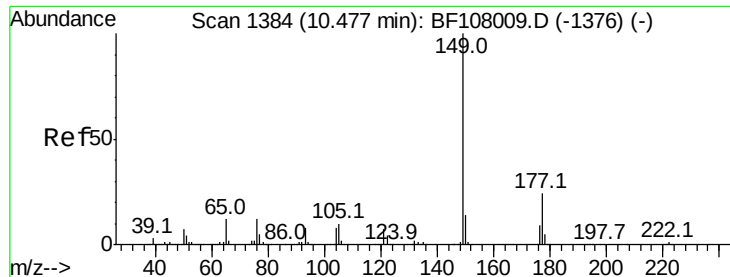
Sohil
 8/15/2018 3:38:19 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.483 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	43.8	65.8#
130	2.2	2.1	3.1
166	28.8	27.8	41.6





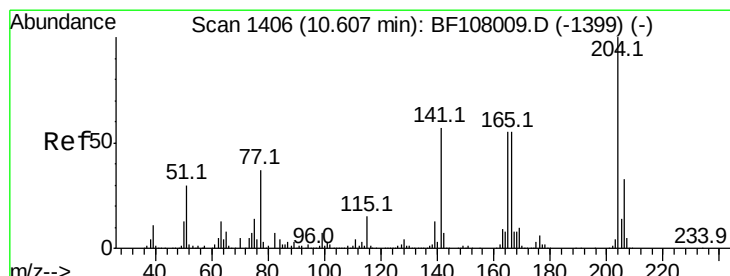
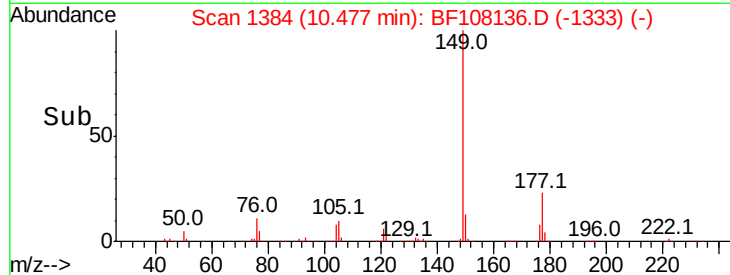
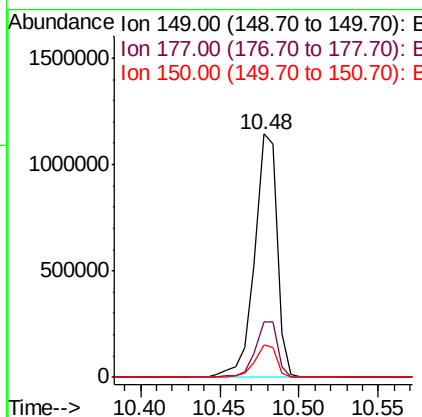
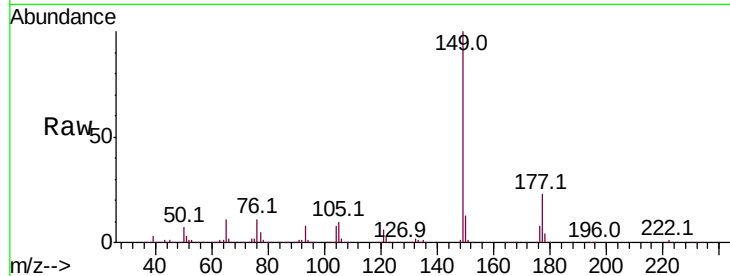
#59
 Diethylphthalate
 Concen: 46.713 ng
 RT: 10.48 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tot Ion:	149	Resp:	1135562
Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	13.2	10.1	15.1

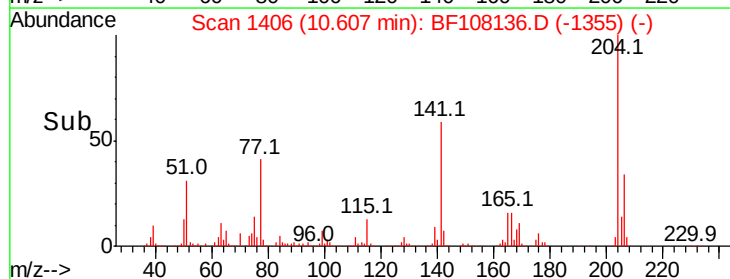
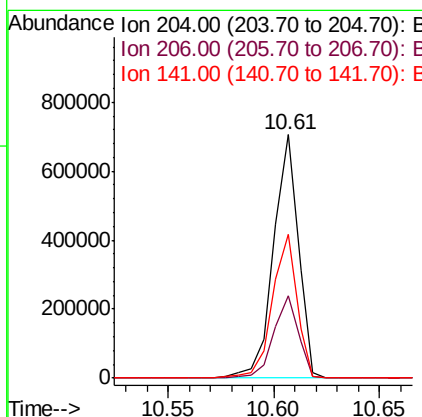
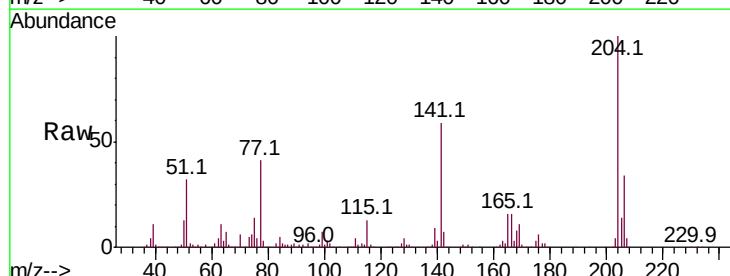
Manual Integrations
 APPROVED

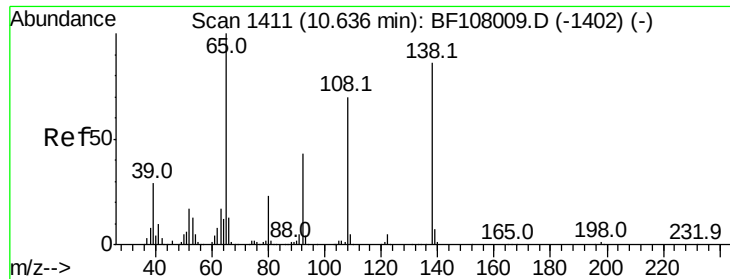
Sohil
 8/15/2018 3:38:19 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 47.587 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion:	204	Resp:	578319
Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	58.9	54.6	81.8





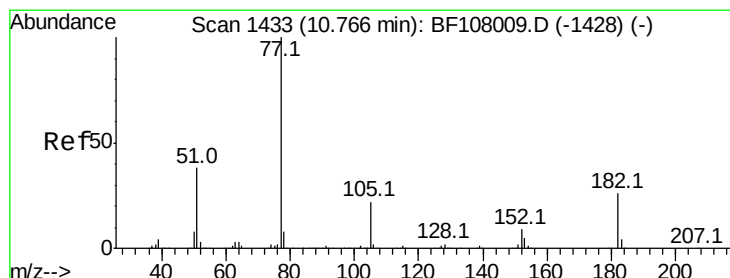
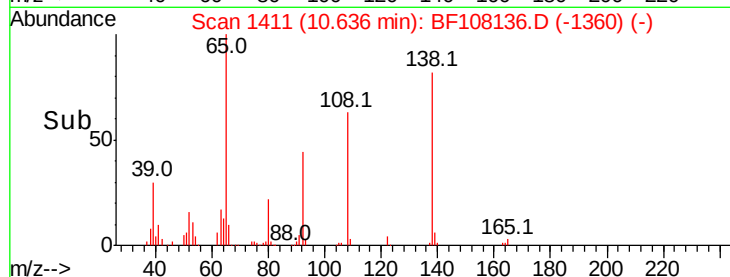
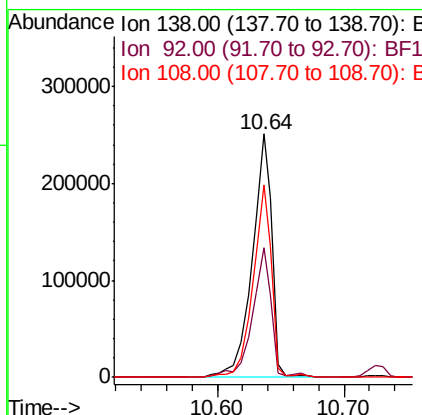
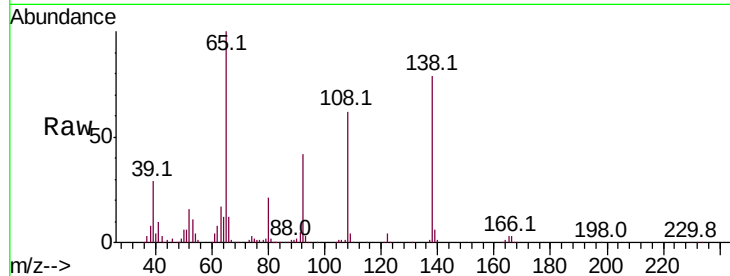
#61
4-Nitroaniline
Concen: 48.026 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.2	70.2
108	79.0	52.5	92.5

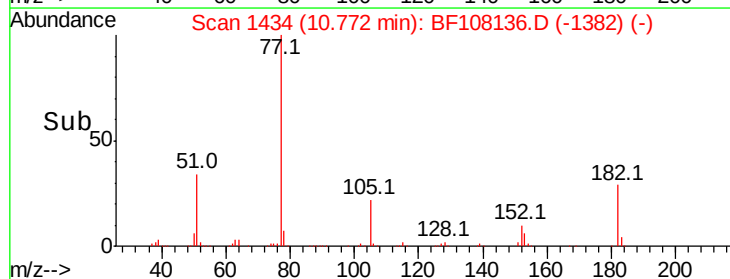
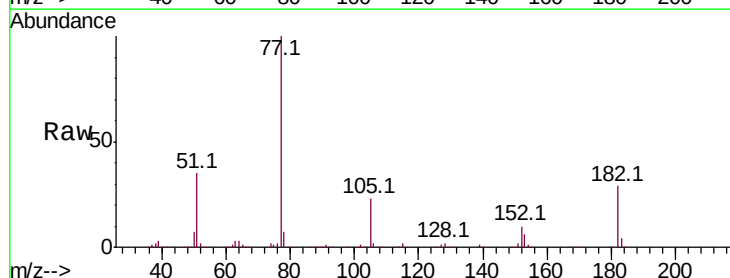
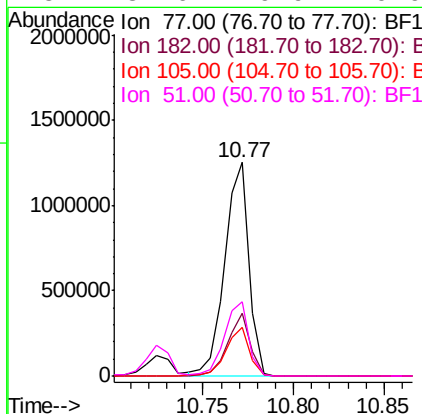
Manual Integrations
APPROVED

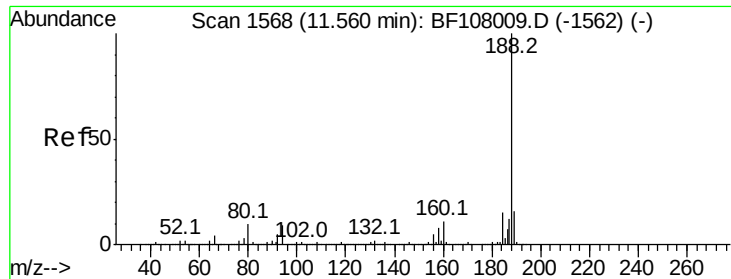
Sohil
8/15/2018 3:38:19 PM



#62
Azobenzene
Concen: 46.267 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	1.7	41.7
105	22.6	3.0	43.0
51	34.6	9.9	49.9





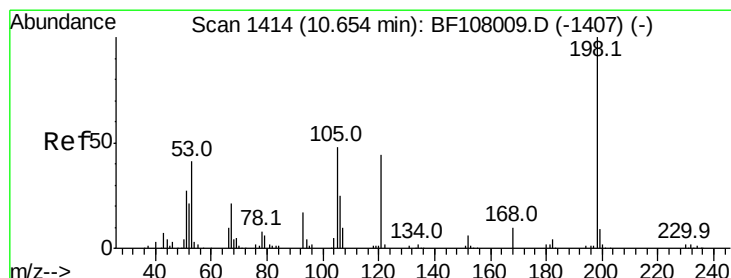
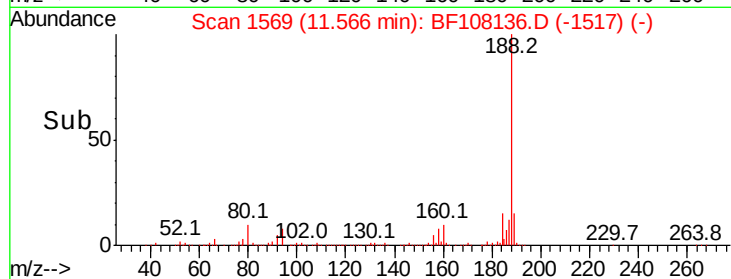
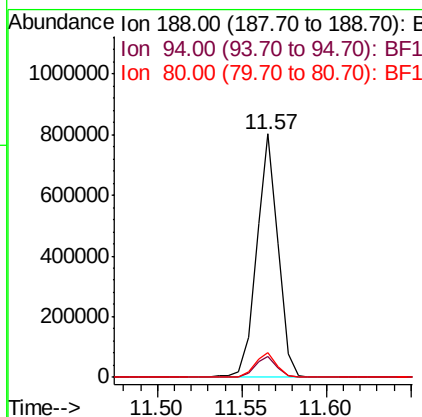
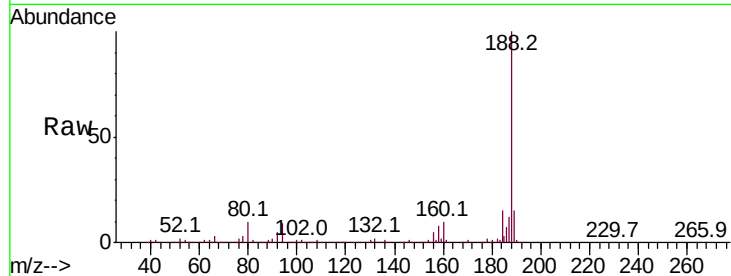
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampled :
PB111926BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.9	9.2	13.8

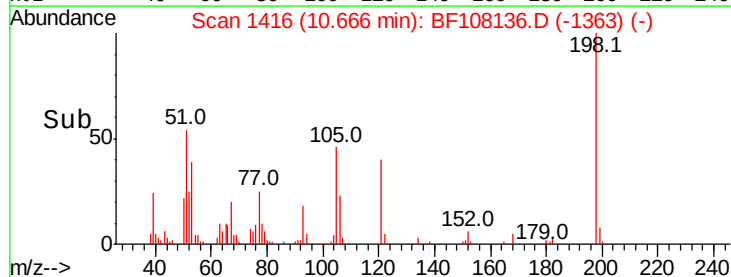
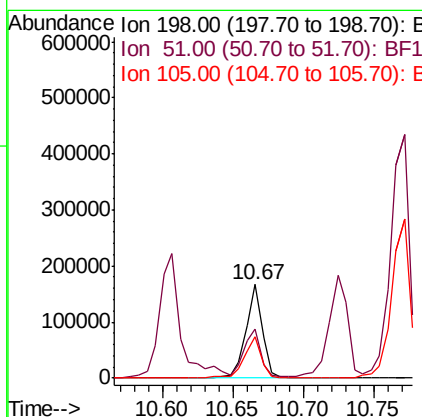
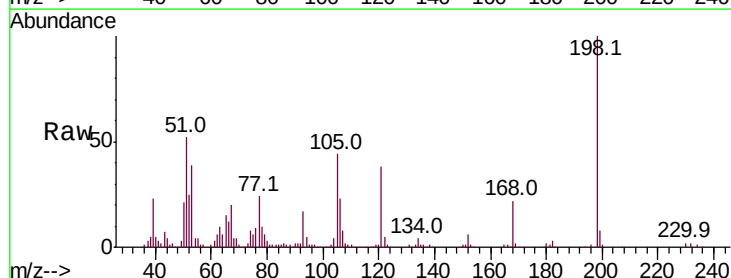
Manual Integrations
APPROVED

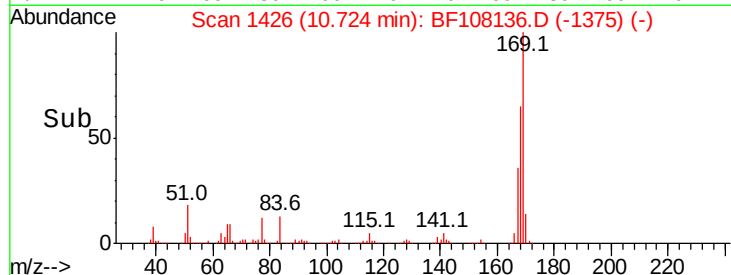
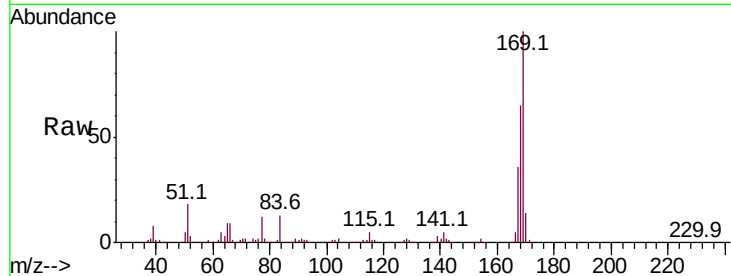
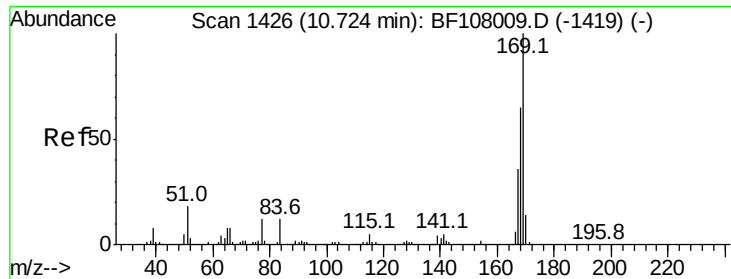
Sohil
8/15/2018 3:38:19 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.121 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.3	37.7	77.7
105	44.3	36.3	76.3





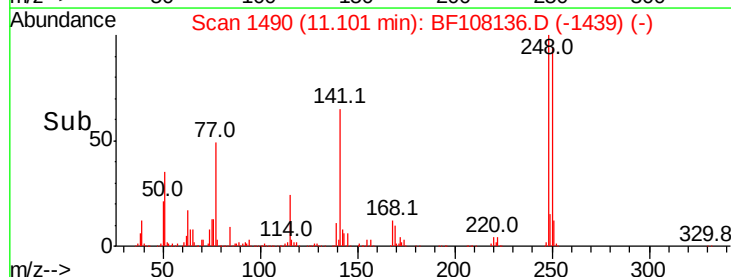
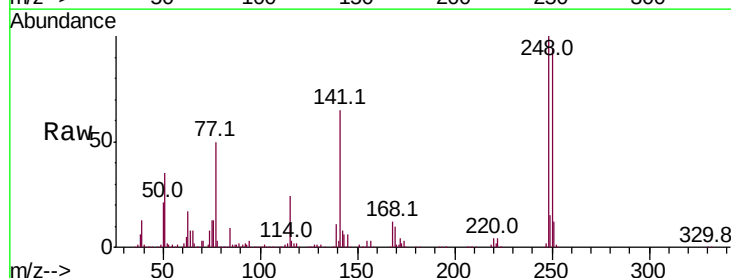
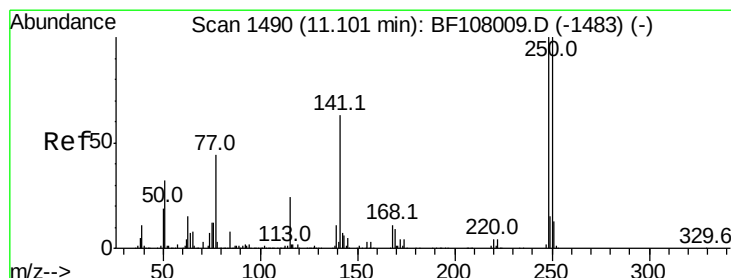
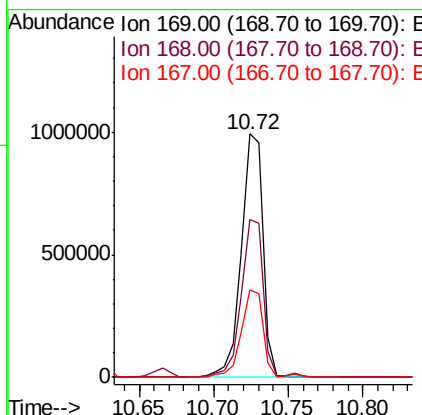
#65
n-Nitrosodiphenylamine
Concen: 48.093 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.7	54.4	81.6
167	35.9	29.8	44.6

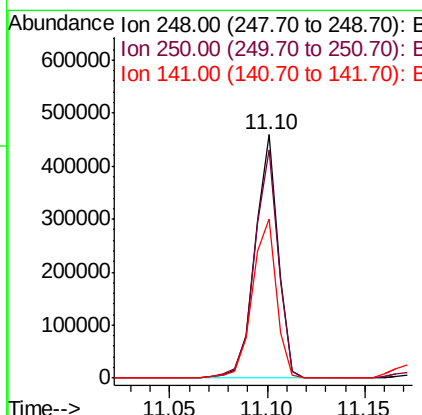
Manual Integrations
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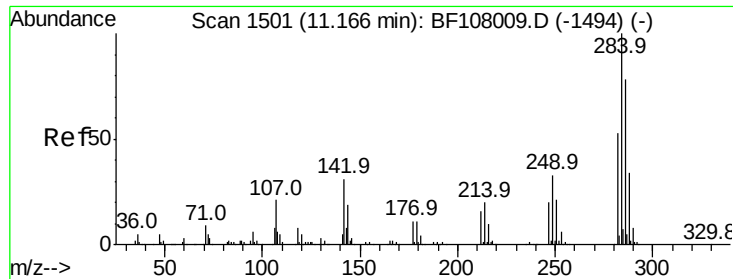
Sohil
8/15/2018 3:38:19 PM



#66
4-Bromophenyl-phenylether
Concen: 48.820 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.9	76.9	115.3
141	65.4	74.4	111.6#





#67

Hexachlorobenzene

Concen: 47.775 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

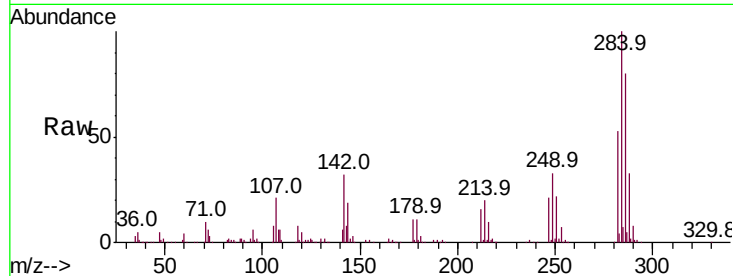
ClientSampleId :

PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.0	34.6	52.0	
249	32.8	24.8	37.2	

Manual Integrations
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Sohil
8/15/2018 3:38:19 PM

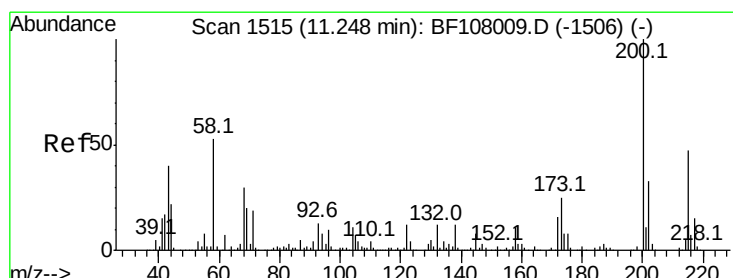
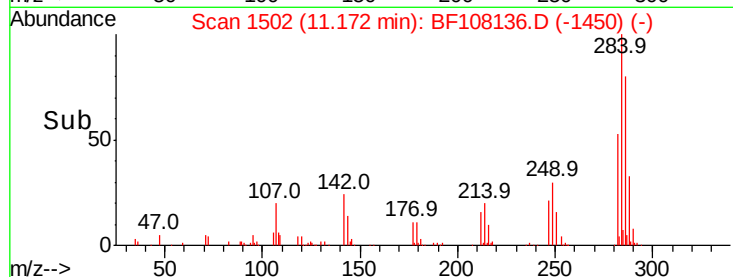
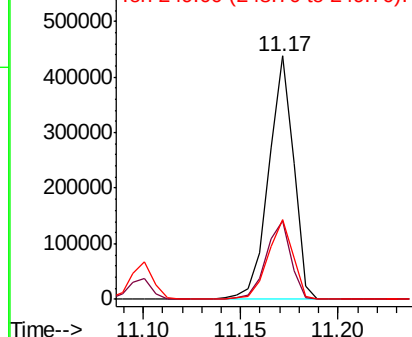


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.271 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

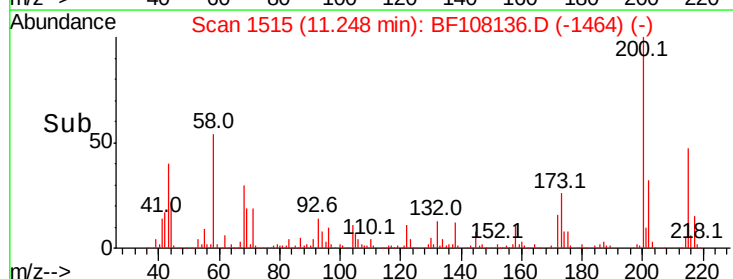
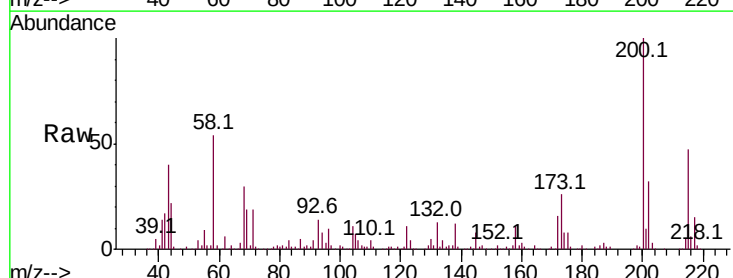
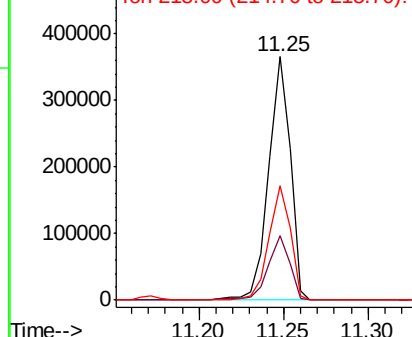
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.3	8.6	48.6	
215	47.0	25.1	65.1	

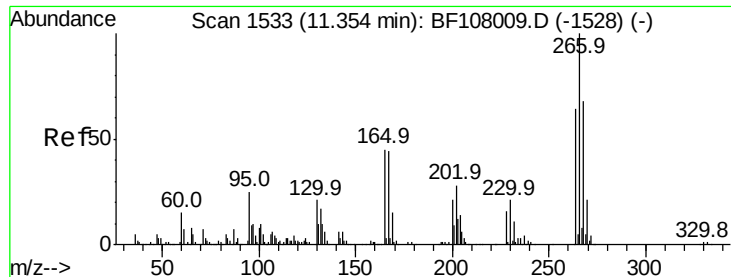
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





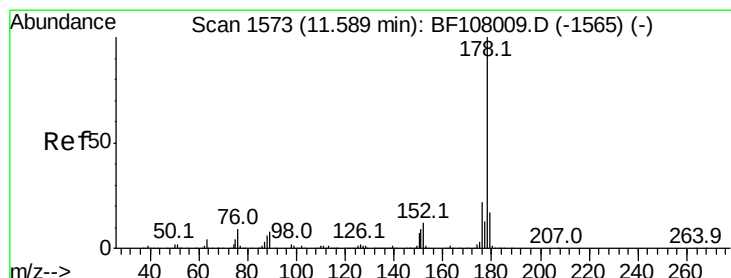
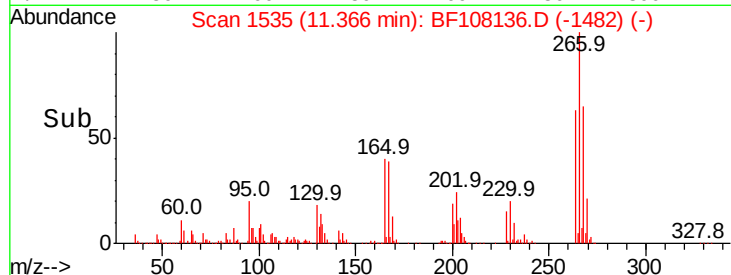
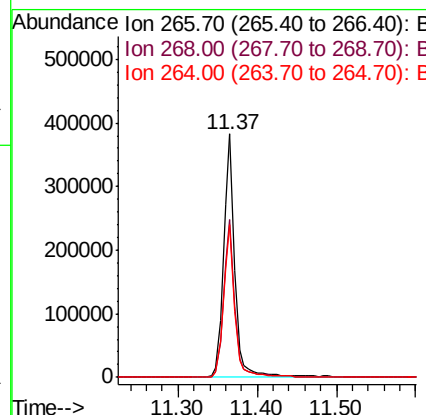
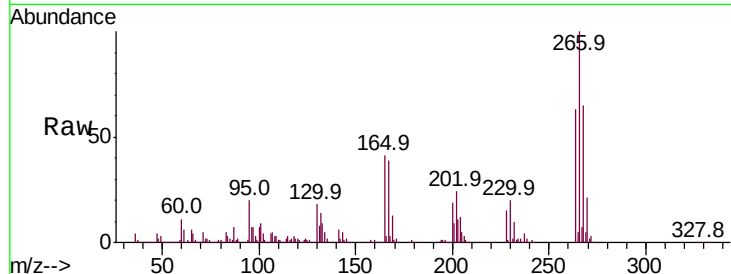
#69
 Pentachlorophenol
 Concen: 98.017 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	378531		
268	65.1		51.1	76.7
264	62.8		49.5	74.3

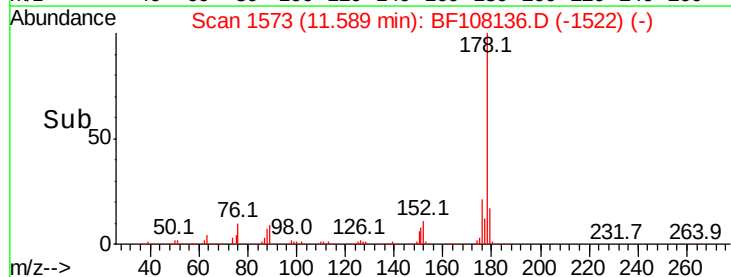
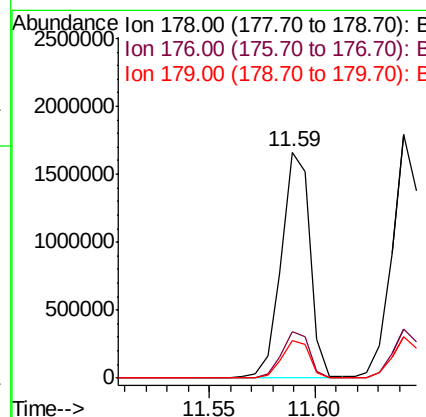
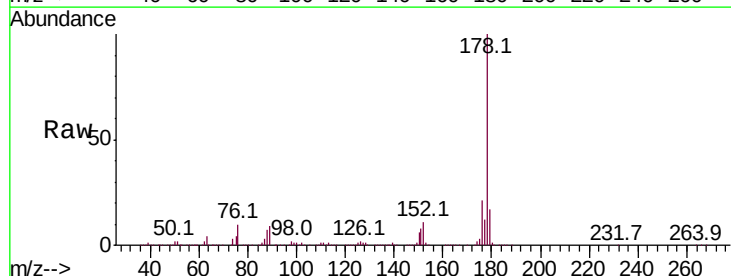
Manual Integrations
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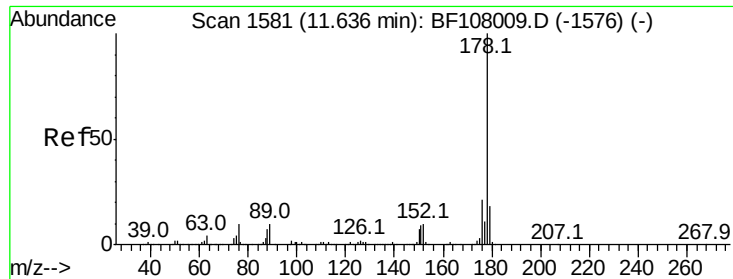
Sohil
 8/15/2018 3:38:19 PM



#70
 Phenanthrene
 Concen: 47.414 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1578056		
176	20.7		15.8	23.8
179	16.7		13.0	19.6





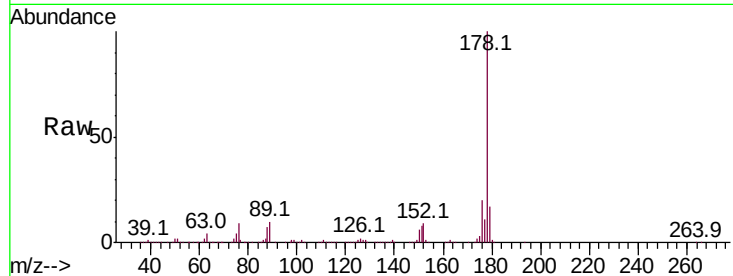
#71
 Anthracene
 Concen: 47.441 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.9	12.6	19.0

Manual Integrations
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Sohil
 8/15/2018 3:38:19 PM

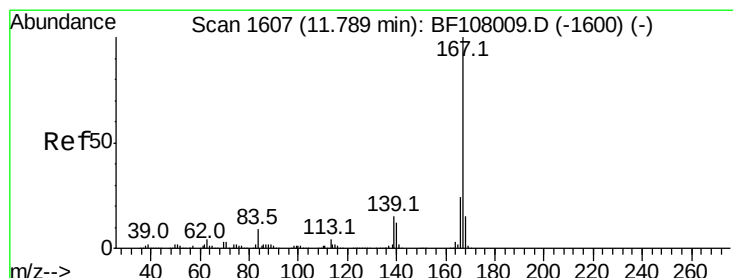
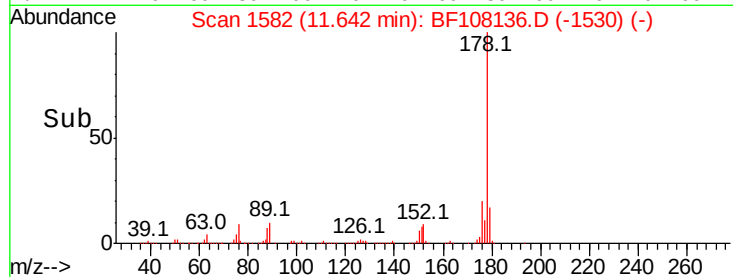
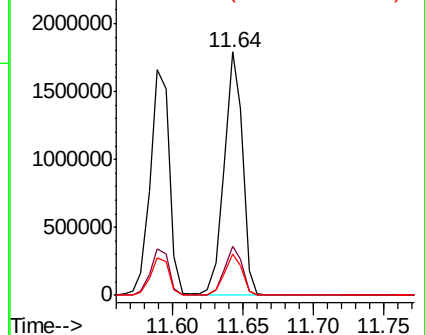


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 47.098 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

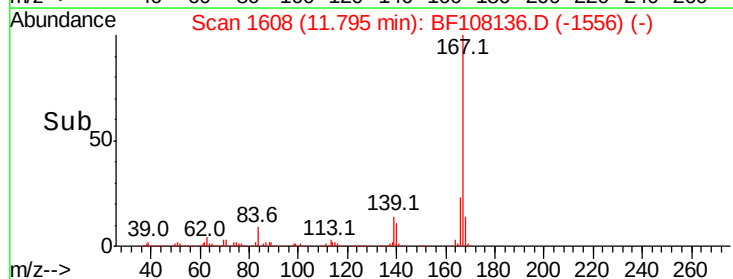
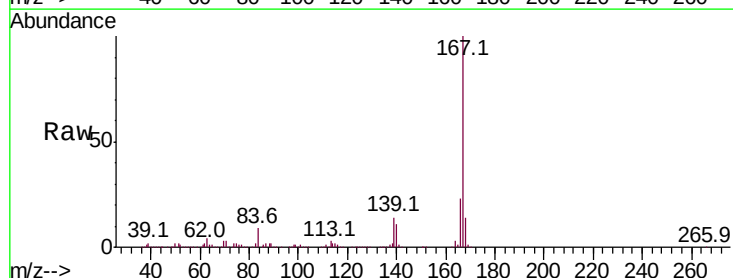
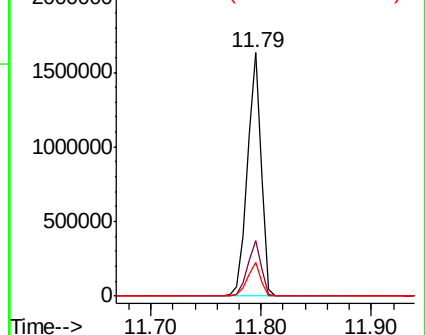
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.7	10.9	16.3

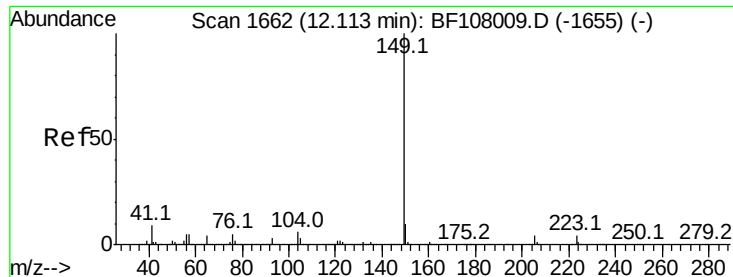
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.874 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

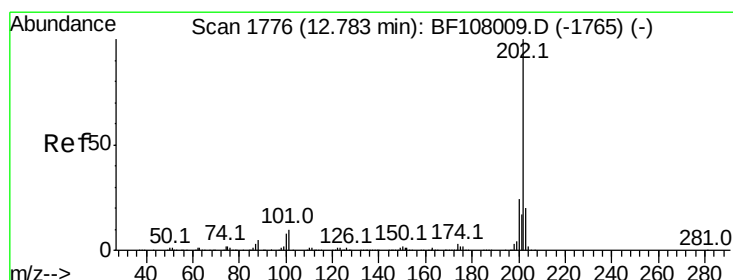
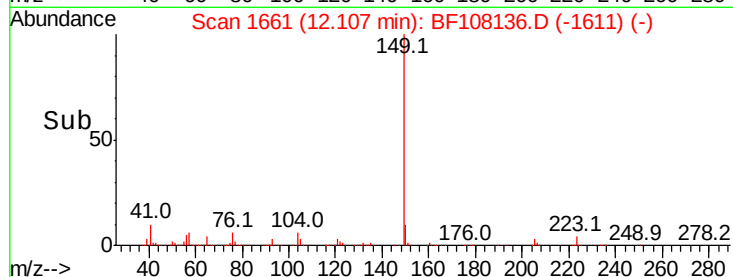
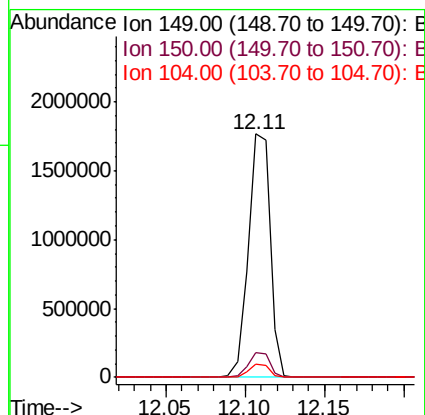
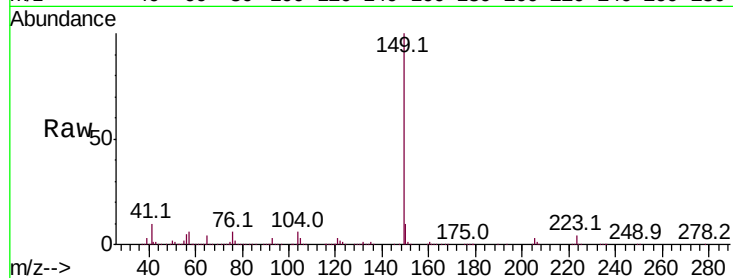
ClientSampleId :

PB111926BS

Tot Ion:	149	Resp:	1677807
Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.6	3.8	5.8

Manual Integrations
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Sohil
8/15/2018 3:38:19 PM



#74

Fluoranthene

Concen: 46.583 ng

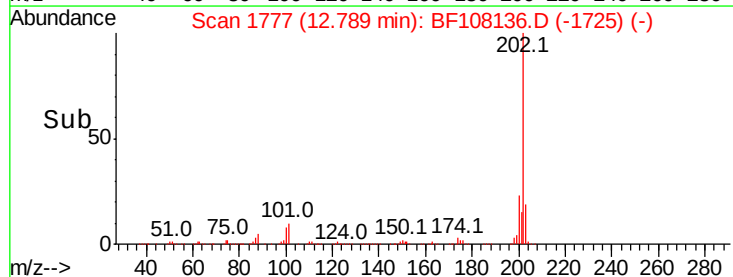
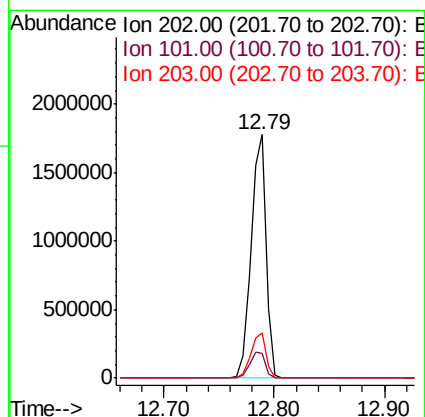
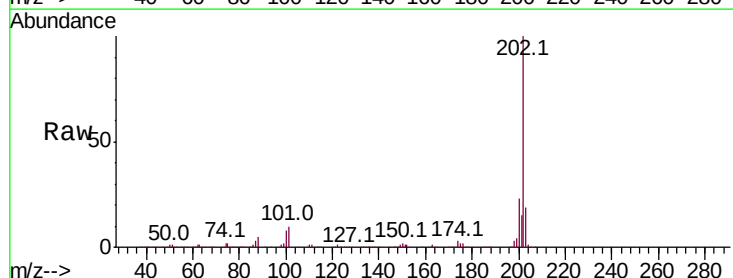
RT: 12.79 min Scan# 1777

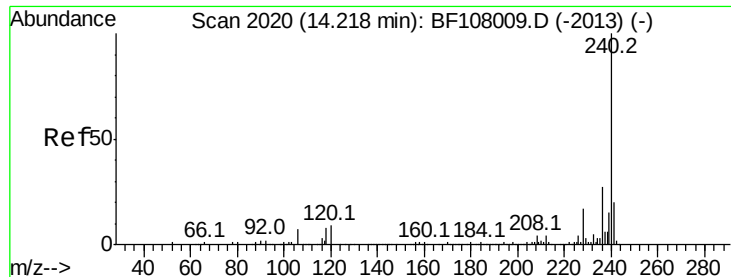
Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Tgt Ion:	202	Resp:	1692084
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tot Ion:240 Resp: 505658
Ion Ratio Lower Upper

240 100

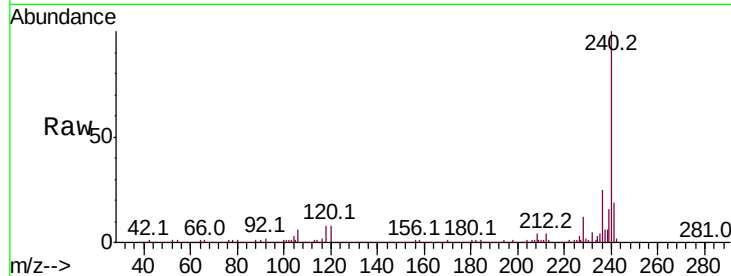
120 8.3 9.5 14.3#

236 25.2 20.7 31.1

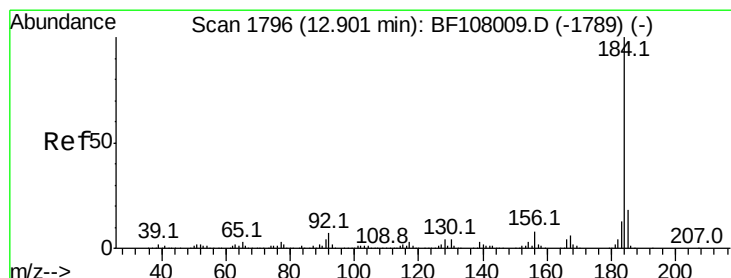
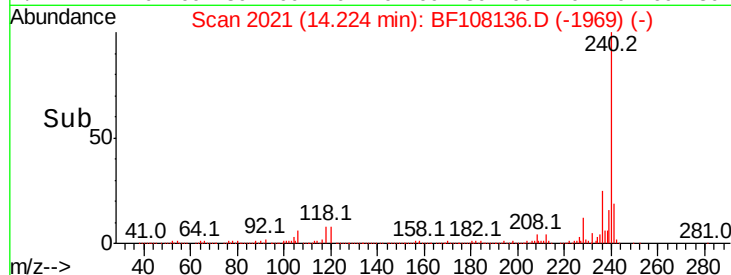
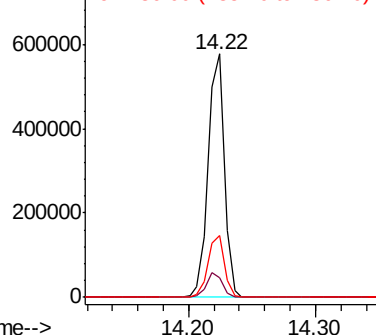
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.602 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108136.D

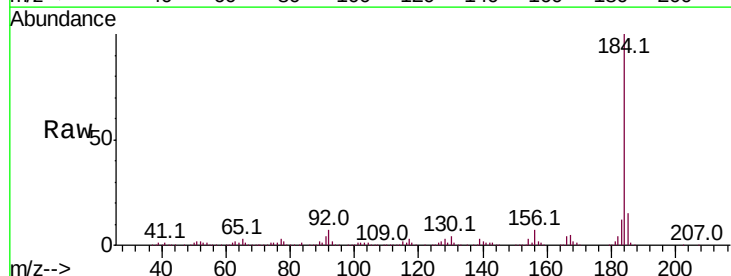
Acq: 14 Aug 2018 11:22

Tgt Ion:184 Resp: 748177
Ion Ratio Lower Upper

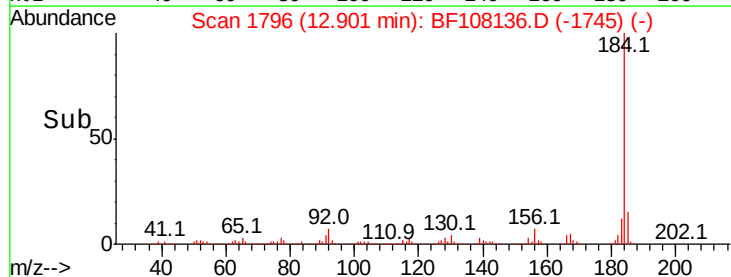
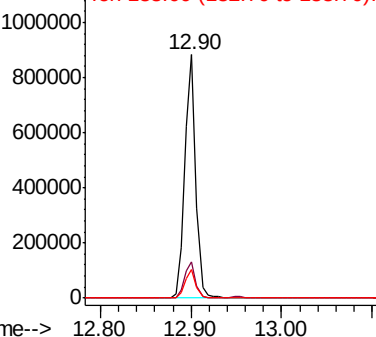
184 100

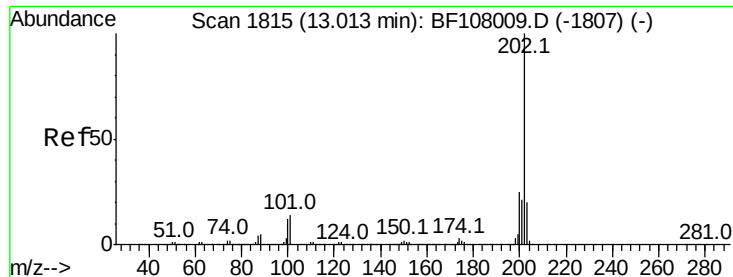
185 14.8 12.6 18.8

183 11.9 9.3 13.9



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





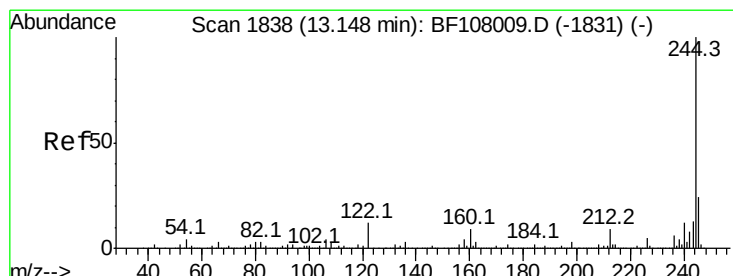
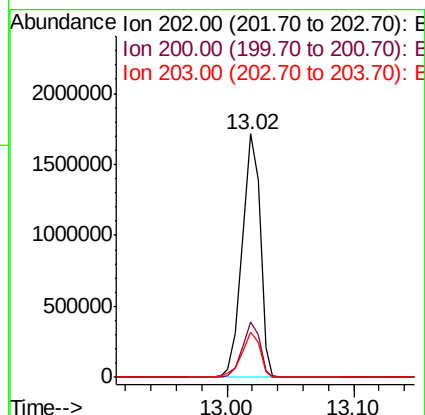
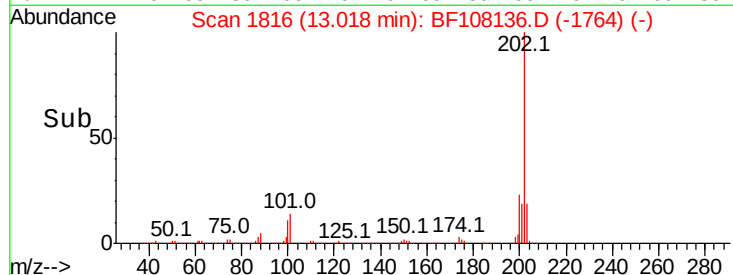
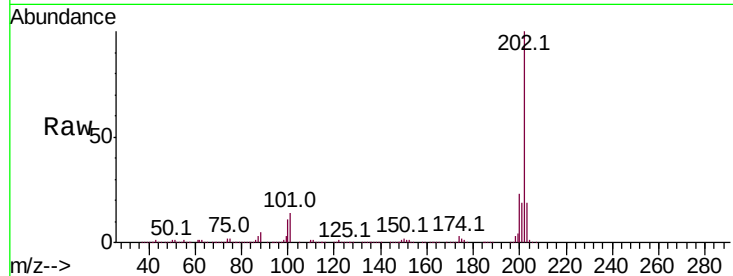
#77
Pvrene
Concen: 52.022 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion:202	Resp: 1665397
Ion Ratio	Lower Upper
202 100	
200 23.0	17.4 26.2
203 18.5	14.3 21.5

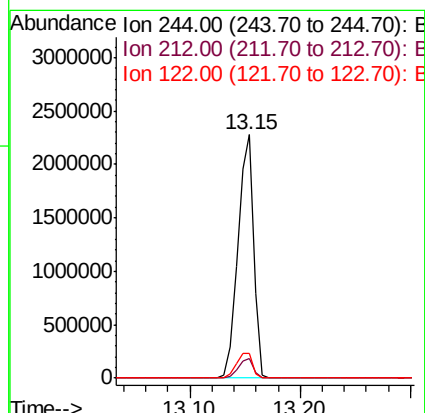
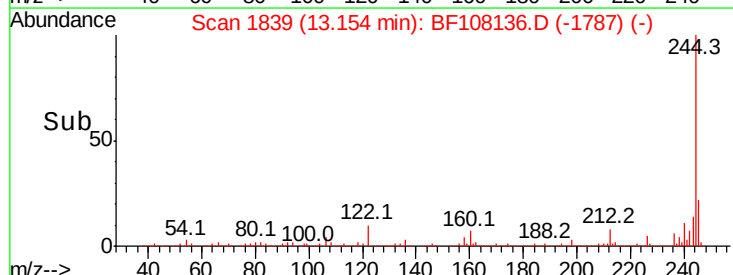
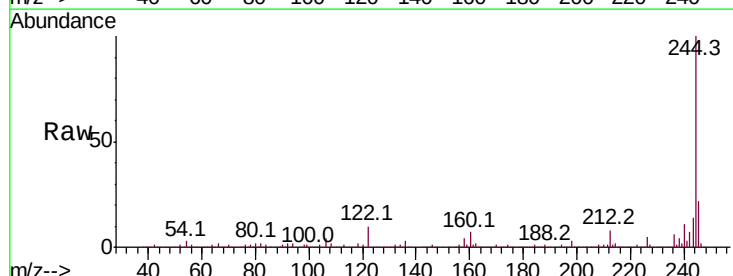
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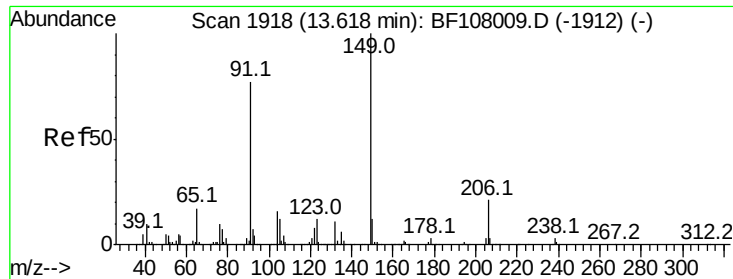
Sohil
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#78
Terphenyl-d14
Concen: 114.528 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:244	Resp: 2277694
Ion Ratio	Lower Upper
244 100	
212 7.9	5.4 8.0
122 10.4	11.0 16.4#





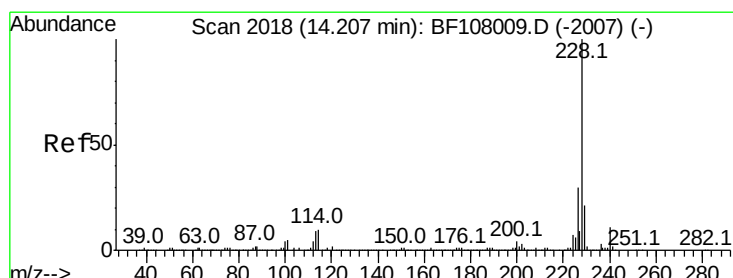
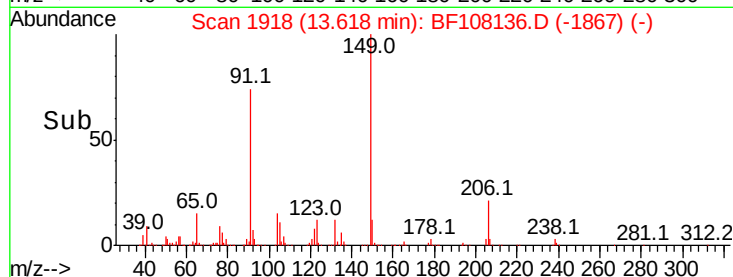
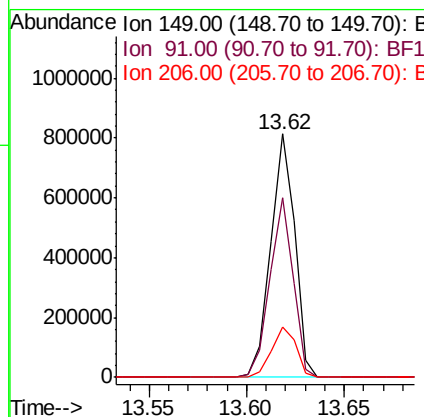
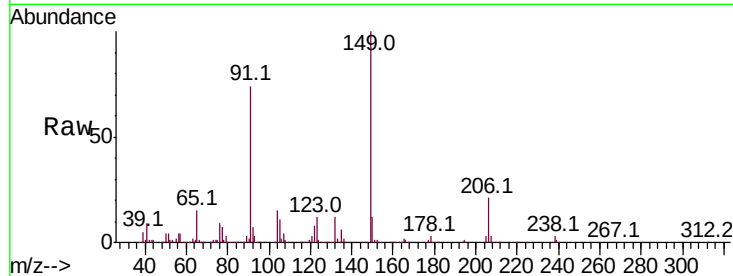
#79
Butylbenzylphthalate
Concen: 54.469 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampled :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	692410		
91	73.5	56.8	85.2	
206	20.9	14.1	21.1	

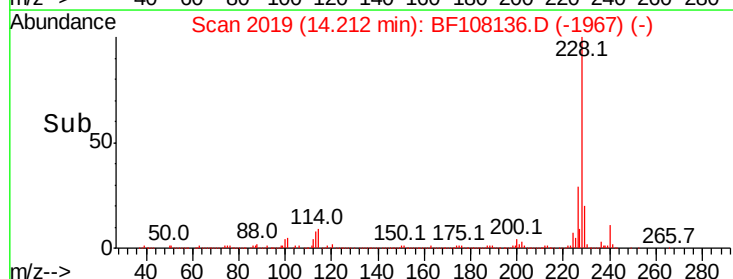
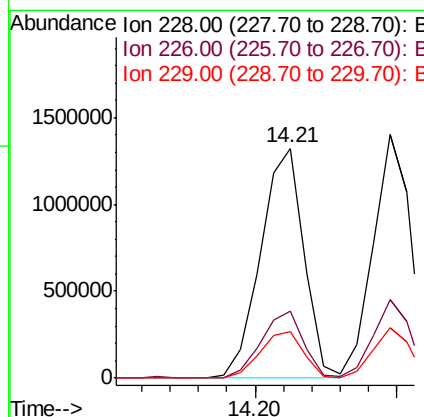
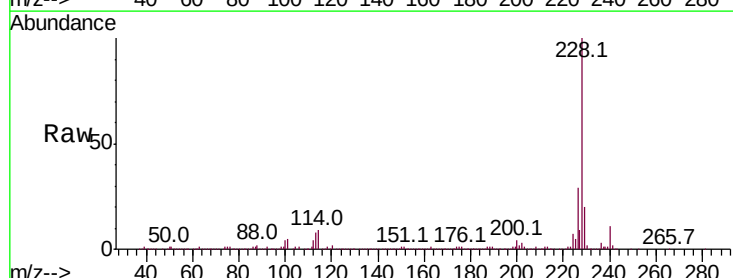
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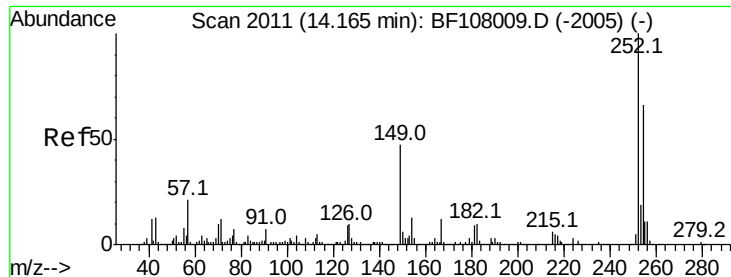
Sohil
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#80
Benzo(a)anthracene
Concen: 48.262 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1400534		
226	29.0	22.6	33.8	
229	20.5	15.8	23.6	





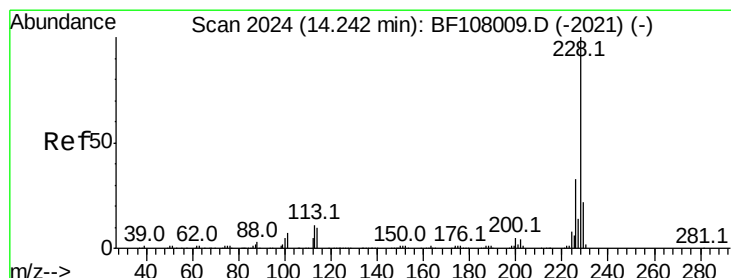
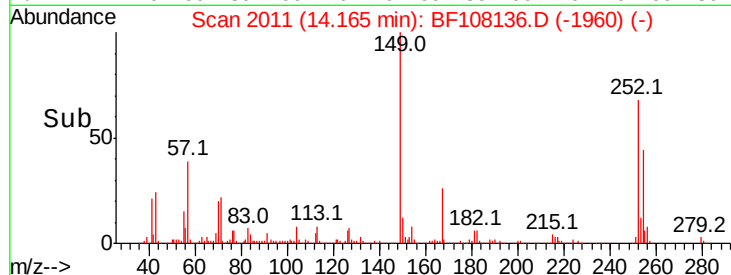
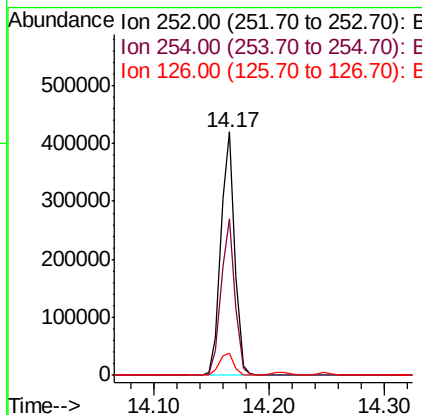
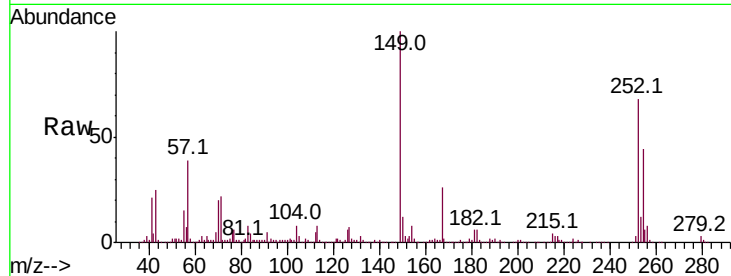
#81
 3,3'-Dichlorobenzidine
 Concen: 33.747 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 PB111926BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	9.3	11.3	16.9

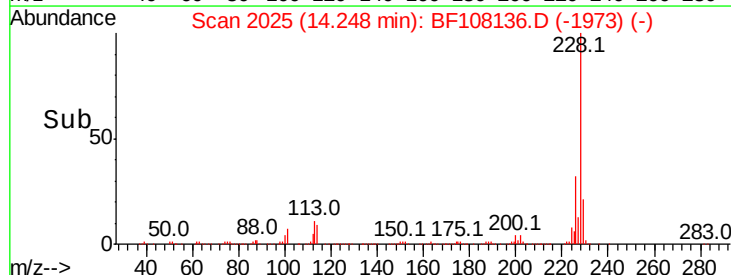
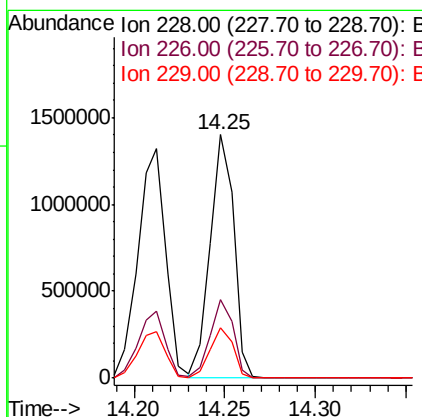
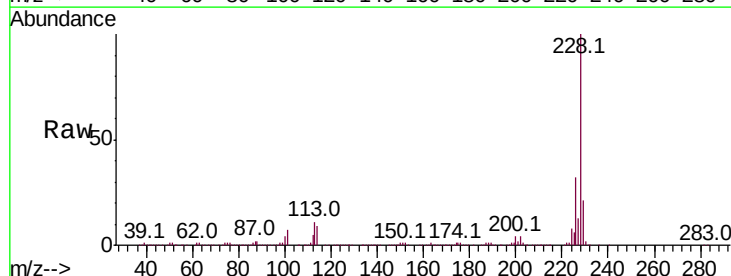
Manual Integrations
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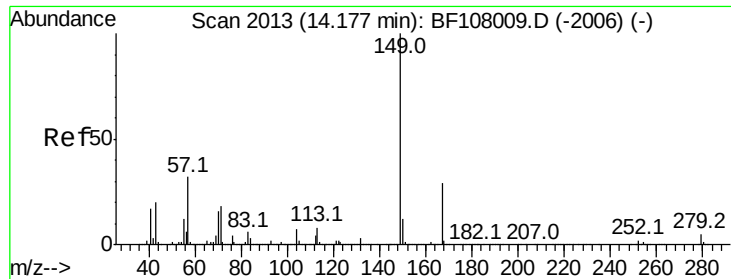
Sohil
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#82
 Chrysene
 Concen: 47.840 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	20.8	16.2	24.4





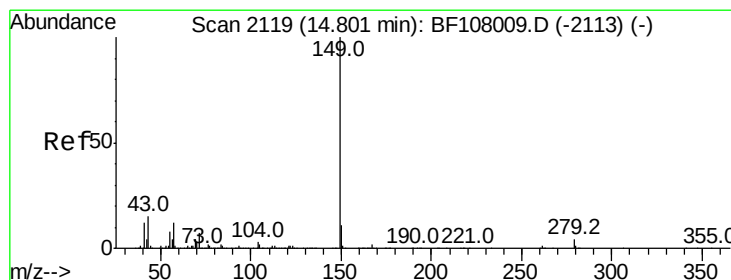
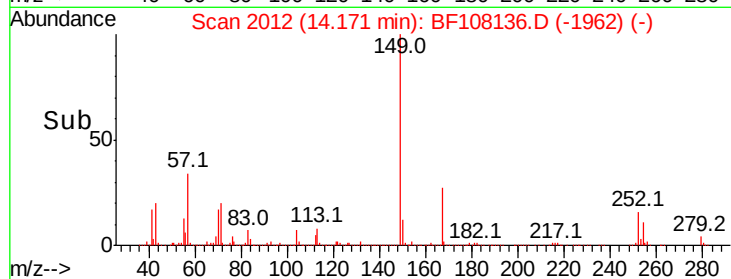
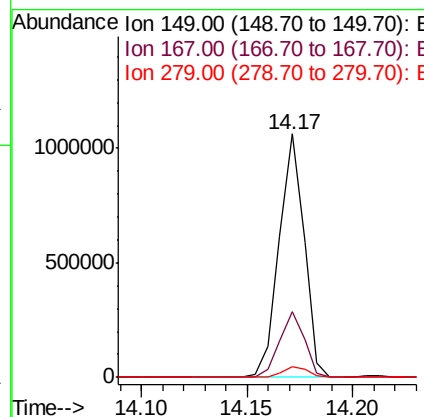
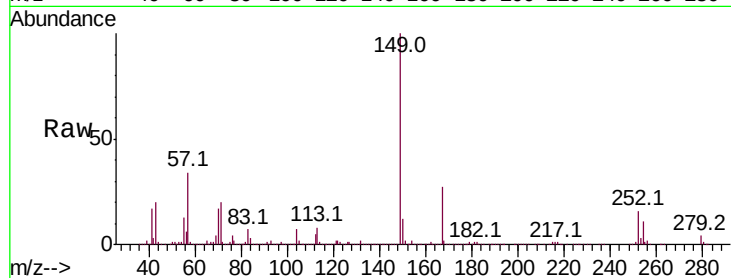
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.815 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	874743		
167	26.9	21.3	31.9	
279	4.1	3.0	4.4	

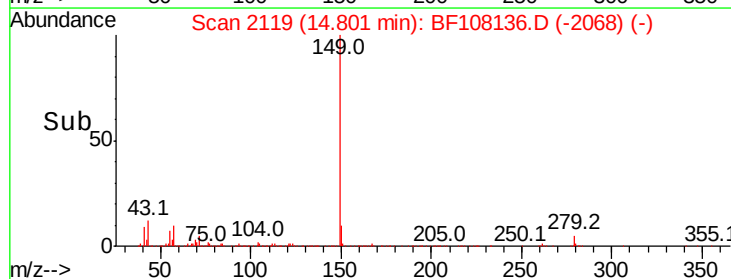
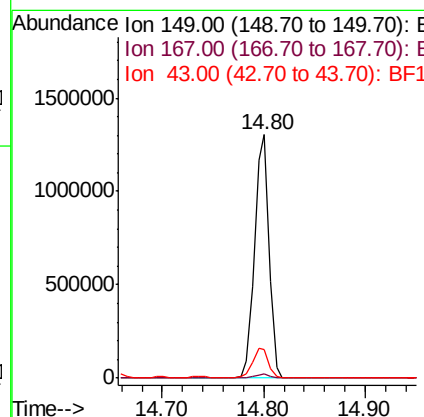
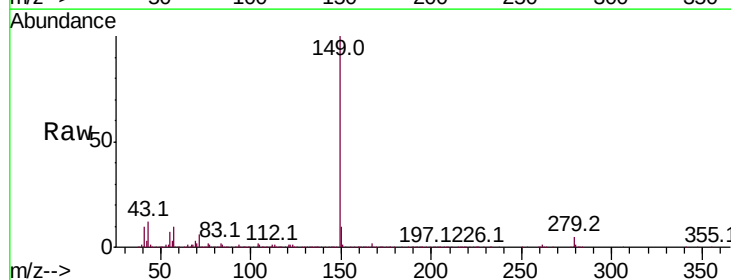
Manual Integrations
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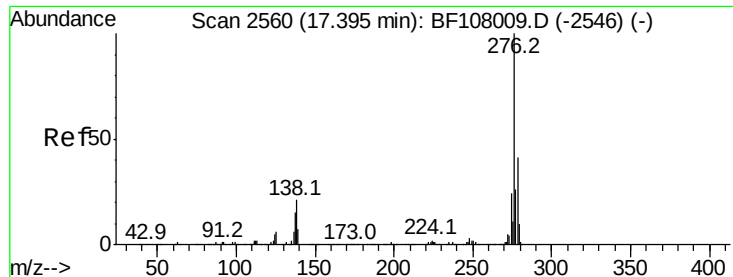
Sohil
 8/15/2018 3:38:19 PM



#84
 Di-n-octyl phthalate
 Concen: 49.022 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108136.D
 Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1286992		
167	1.5	1.2	1.8	
43	12.4	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.201 ng

RT: 17.42 min Scan# 2564

Delta R.T. 0.02 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tot Ion:276 Resp: 1041988

Ion Ratio Lower Upper

276 100

138 22.7 25.0 37.6#

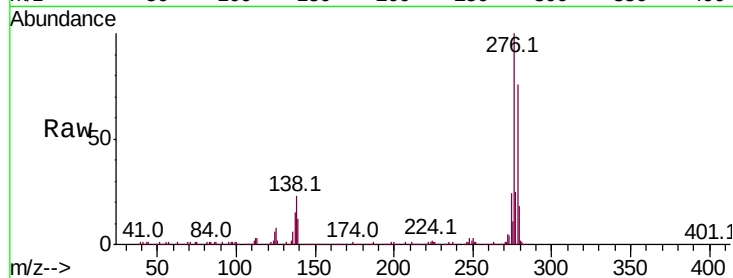
277 25.1 20.1 30.1

Manual Integrations

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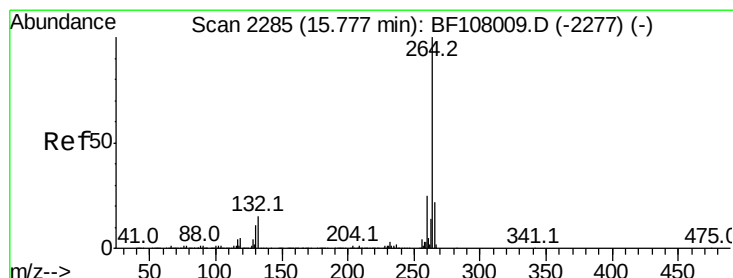
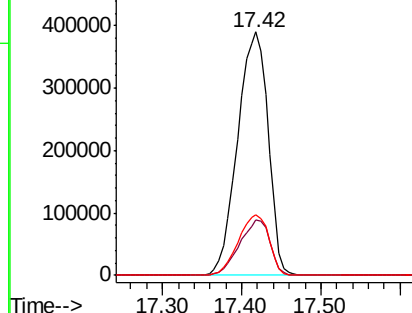
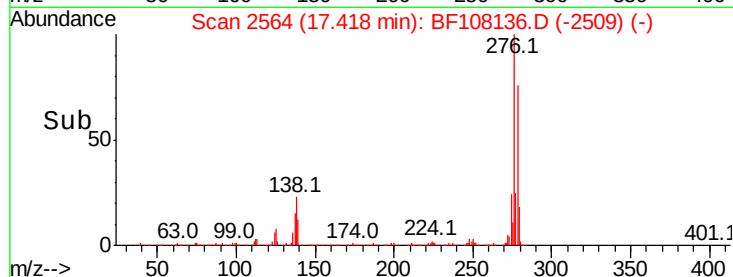
8/15/2018 3:38:19 PM



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: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

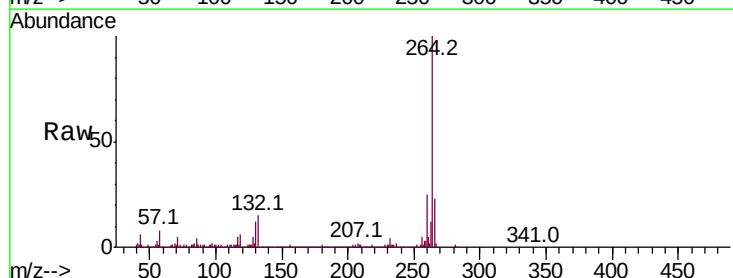
Tgt Ion:264 Resp: 361227

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

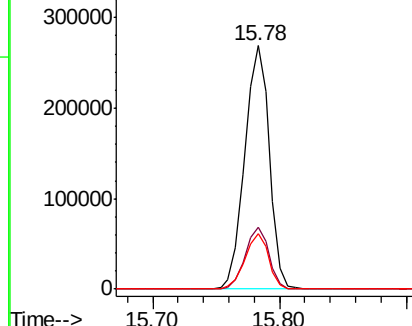
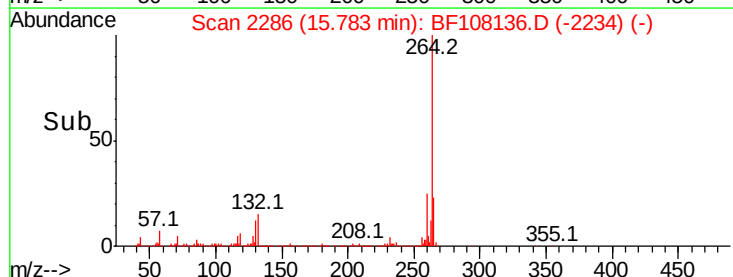
265 22.7 17.5 26.3

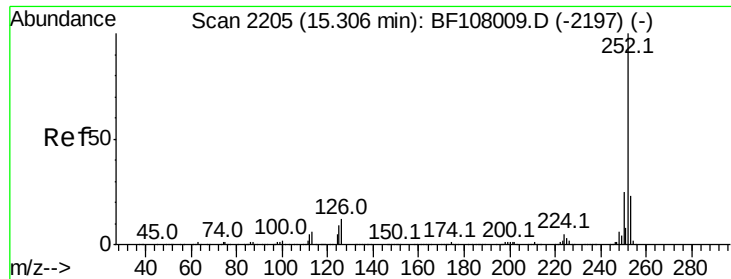


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





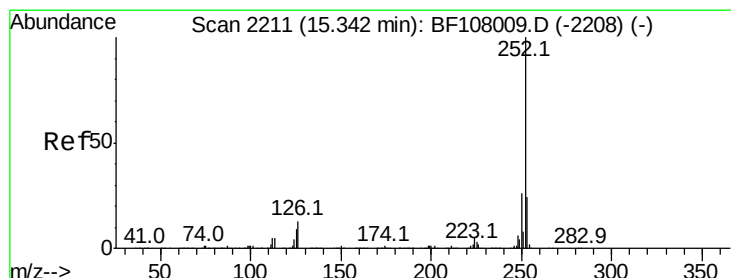
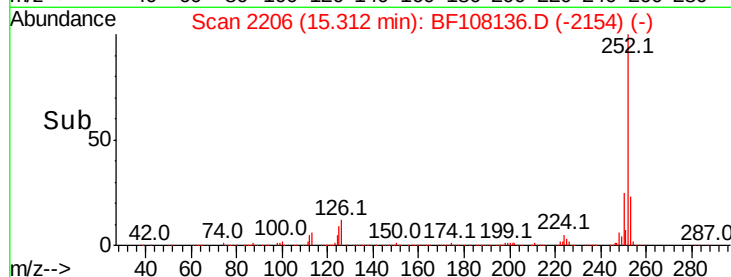
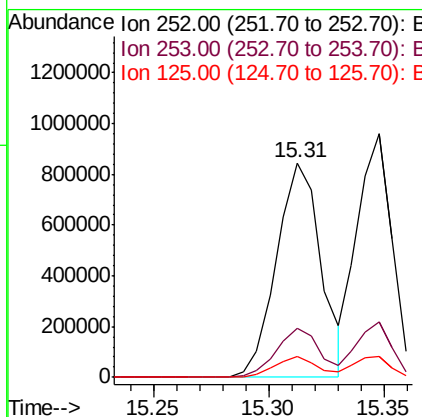
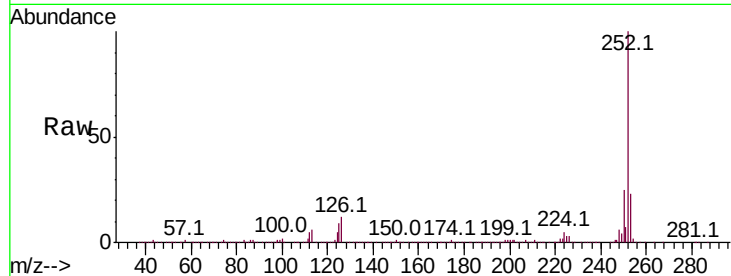
#87
Benzo(b)fluoranthene
Concen: 52.539 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Tot Ion:252 Resp: 1134043
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 9.4 9.0 13.6

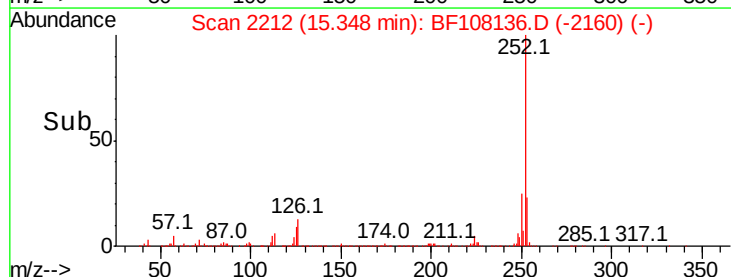
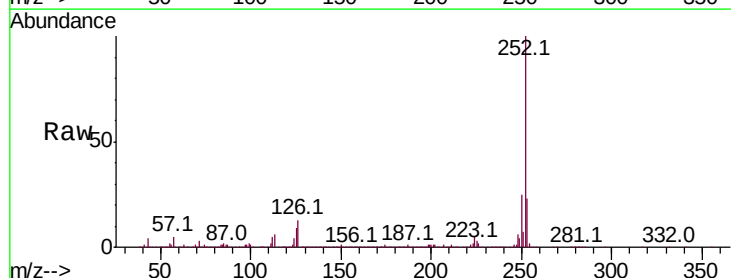
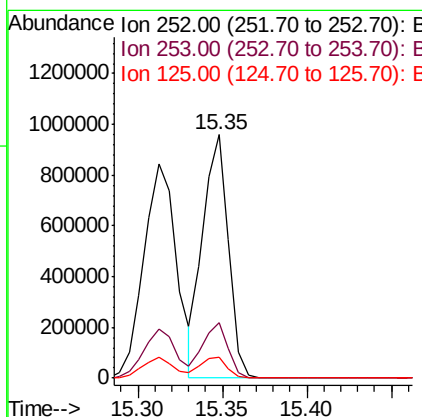
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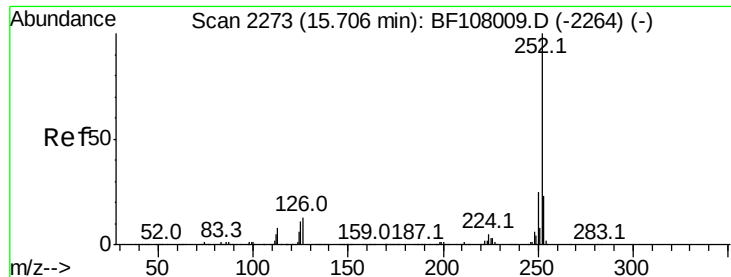
Sohil
8/15/2018 3:38:19 PM



#88
Benzo(k)fluoranthene
Concen: 50.917 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion:252 Resp: 1010274
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.8 10.2 15.2#





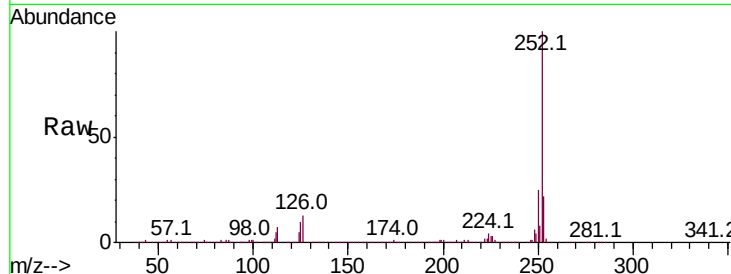
#89
Benzo(a)pyrene
Concen: 51.708 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Instrument :
BNA_F
ClientSampled :
PB111926BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	999440		
253	22.2		17.1	25.7
125	9.9		9.8	14.6

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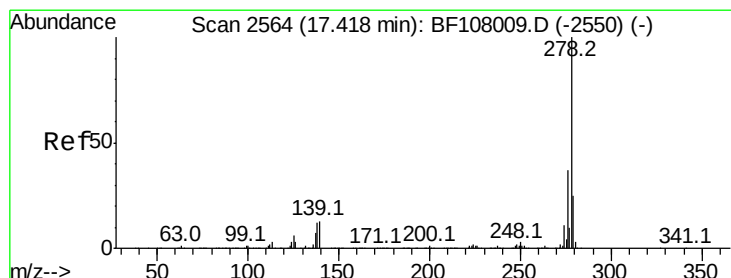
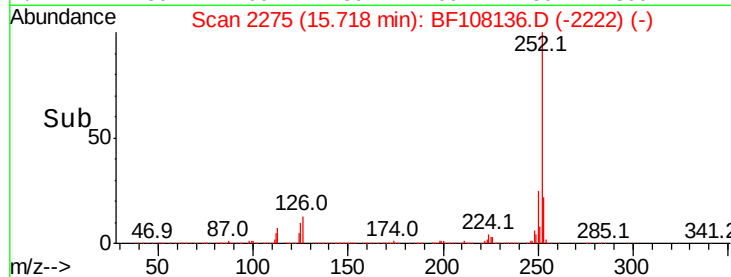
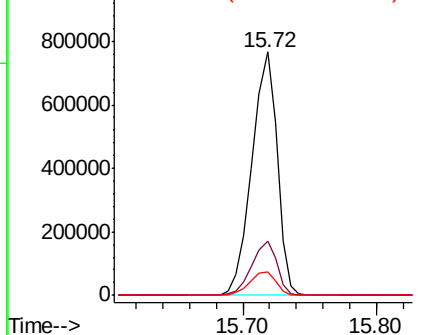


Abundance

Ion 252.00 (251.70 to 252.70): E

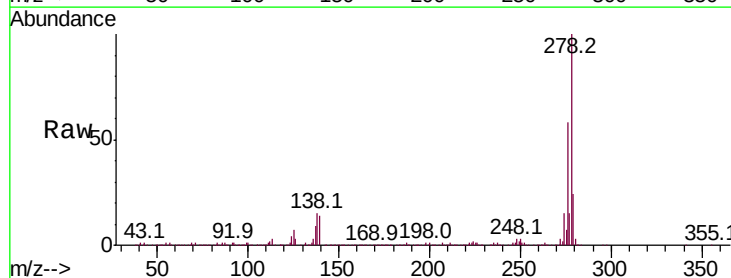
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 54.470 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108136.D
Acq: 14 Aug 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	871107		
139	14.0		15.9	23.9#
279	24.3		19.0	28.4

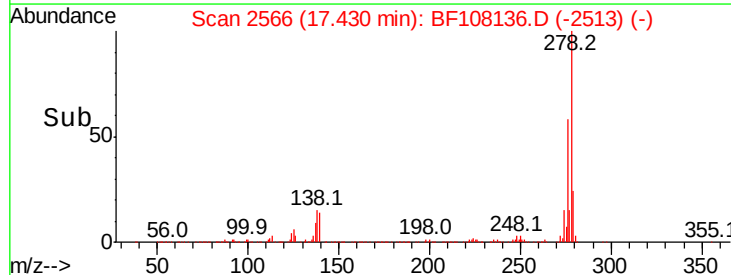
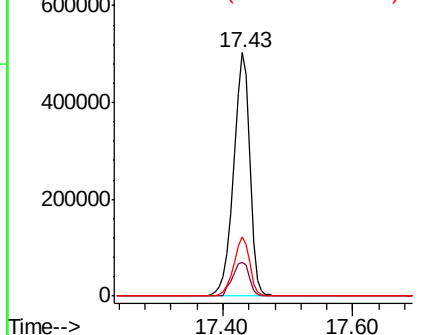


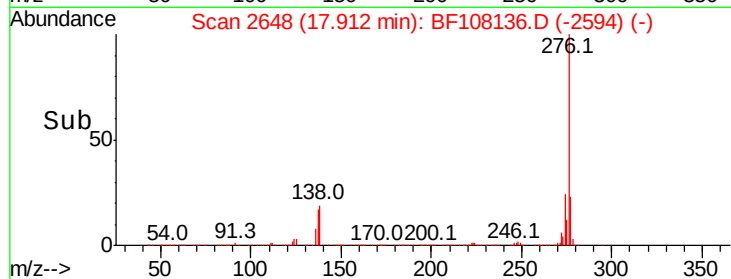
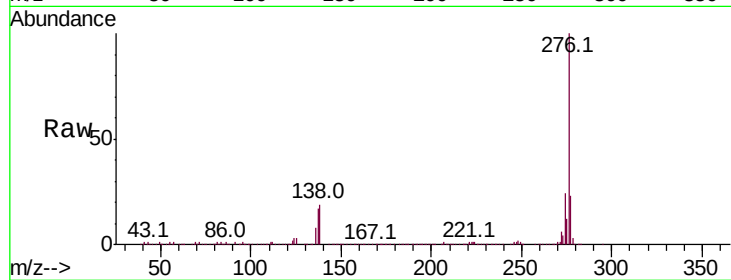
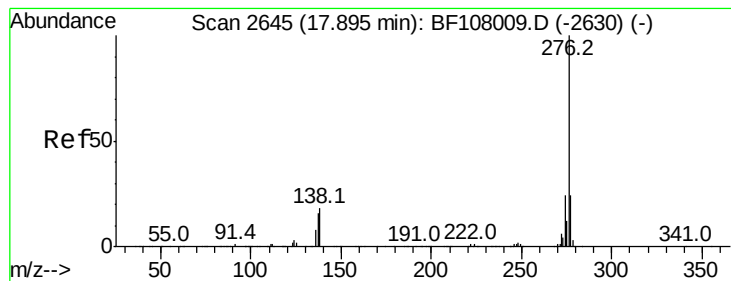
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 55.698 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108136.D

Acq: 14 Aug 2018 11:22

Instrument :

BNA_F

ClientSampleId :

PB111926BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
877109	276	100			
	277	23.4		17.9	26.9
	138	19.2		21.8	32.8

Manual Integrations
APPROVED

Sohil
8/15/2018 3:38:19 PM

