

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108167.D
 Acq On : 15 Aug 2018 16:01
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:00 PM

Quant Time: Aug 15 16:33:53 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	264509	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	1026386	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	518163	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	1011463	20.00	ng	0.00
75) Chrysene-d12	14.23	240	729880	20.00	ng	0.01
86) Perylene-d12	15.79	264	545237	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1165055	79.74	ng	0.02
7) Phenol-d6	6.65	99	1548311	79.75	ng	0.02
23) Nitrobenzene-d5	7.59	82	1521874	82.74	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	453610	87.76	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2569181	79.60	ng	0.00
78) Terphenyl-d14	13.15	244	2465213	85.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	280091	37.310	ng	89
3) Pyridine	3.70	79	731307	37.816	ng	84
4) n-Nitrosodimethylamine	3.68	42	407207	37.421	ng	# 83
6) Aniline	6.69	93	1079695	40.885	ng	96
8) 2-Chlorophenol	6.81	128	671492	40.808	ng	99
9) Benzaldehyde	6.58	77	562926	37.397	ng	98
10) Phenol	6.66	94	800912	39.881	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	653784	40.268	ng	91
12) 1,3-Dichlorobenzene	6.97	146	762393	40.071	ng	99
13) 1,4-Dichlorobenzene	7.04	146	765014	40.020	ng	97
14) 1,2-Dichlorobenzene	7.20	146	700436	39.392	ng	97
15) Benzyl Alcohol	7.16	79	648929	39.704	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1279542	38.256	ng	98
17) 2-Methylphenol	7.27	107	567647	40.227	ng	95
18) Hexachloroethane	7.53	117	283555	41.665	ng	99
19) n-Nitroso-di-n-propylamine	7.44	70	505667	38.515	ng	91
20) 3+4-Methylphenols	7.42	107	699366	38.675	ng	89
22) Acetophenone	7.43	105	935503	38.980	ng	# 92
24) Nitrobenzene	7.61	77	758567	40.784	ng	94
25) Isophorone	7.84	82	1409623	40.207	ng	97
26) 2-Nitrophenol	7.92	139	338796	48.233	ng	90
27) 2,4-Dimethylphenol	7.95	122	625312	40.187	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	832403	40.671	ng	98
29) 2,4-Dichlorophenol	8.16	162	597970	41.759	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	637876	40.403	ng	99
31) Naphthalene	8.33	128	1854870	39.738	ng	97
32) Benzoic acid	8.07	122	322772	37.272	ng	92
33) 4-Chloroaniline	8.37	127	817384	40.182	ng	96
34) Hexachlorobutadiene	8.44	225	411652	41.188	ng	99
35) Caprolactam	8.76	113	203208m	45.285	ng	
36) 4-Chloro-3-methylphenol	8.85	107	621693	40.245	ng	97
37) 2-Methylnaphthalene	9.02	142	1308725	39.628	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	667795	41.967	ng	98
40) Hexachlorocyclopentadiene	9.17	237	418017	40.671	ng	99

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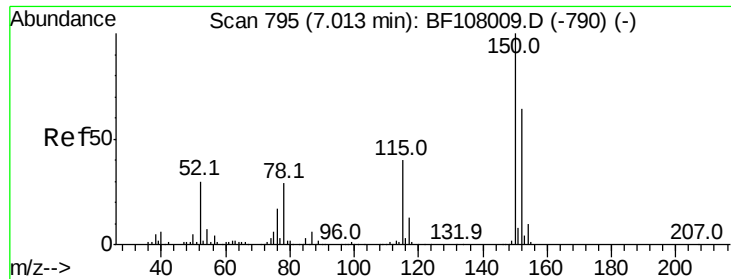
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	443786	44.943	ng	97
43) 2,4,5-Trichlorophenol	9.34	196	466874	42.951	ng	95
45) 1,1'-Biphenyl	9.48	154	1563325	40.920	ng	99
46) 2-Chloronaphthalene	9.51	162	1242287	41.142	ng	99
47) 2-Nitroaniline	9.61	65	427235	43.729	ng	86
48) Acenaphthylene	9.94	152	1920667	40.235	ng	97
49) Dimethylphthalate	9.78	163	1460696	40.469	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	327302	43.342	ng	# 87
51) Acenaphthene	10.11	154	1190548	40.719	ng	99
52) 3-Nitroaniline	10.02	138	341436	41.324	ng	94
53) 2,4-Dinitrophenol	10.12	184	123524	46.893	ng	# 21
54) Dibenzofuran	10.28	168	1676358	39.574	ng	95
55) 4-Nitrophenol	10.17	139	269074	43.005	ng	84
56) 2,4-Dinitrotoluene	10.26	165	435569	44.810	ng	# 95
57) Fluorene	10.62	166	1336873	39.868	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.40	232	397426	43.744	ng	# 87
59) Diethylphthalate	10.48	149	1390924	39.796	ng	# 94
60) 4-Chlorophenyl-phenylether	10.61	204	693079	39.666	ng	93
61) 4-Nitroaniline	10.64	138	353174	43.234	ng	92
62) Azobenzene	10.77	77	1411293	39.099	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	172137	45.628	ng	77
65) n-Nitrosodiphenylamine	10.73	169	1222284	40.893	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	452478	41.165	ng	# 88
67) Hexachlorobenzene	11.17	284	473547	40.946	ng	# 87
68) Atrazine	11.25	200	413709	41.267	ng	95
69) Pentachlorophenol	11.37	266	233168	42.121	ng	97
70) Phenanthrene	11.60	178	1885756	39.528	ng	97
71) Anthracene	11.65	178	1941771	39.712	ng	97
72) Carbazole	11.80	167	1734725	39.931	ng	98
73) Di-n-butylphthalate	12.11	149	2043812	41.535	ng	98
74) Fluoranthene	12.79	202	2059996	39.565	ng	95
76) Benzidine	12.90	184	1160338	42.550	ng	98
77) Pyrene	13.02	202	2021568	43.748	ng	96
79) Butylbenzylphthalate	13.62	149	872583	47.555	ng	# 97
80) Benzo(a)anthracene	14.22	228	1733682	41.389	ng	97
81) 3,3'-Dichlorobenzidine	14.18	252	594742	39.619	ng	# 96
82) Chrysene	14.26	228	1542561	40.168	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1073741	43.213	ng	98
84) Di-n-octyl phthalate	14.81	149	1691844	44.645	ng	96
85) Indeno(1,2,3-cd)pyrene	17.43	276	1246468	37.461	ng	# 91
87) Benzo(b)fluoranthene	15.32	252	1328382	40.773	ng	# 96
88) Benzo(k)fluoranthene	15.36	252	1278636	42.694	ng	# 96
89) Benzo(a)pyrene	15.73	252	1219345	41.795	ng	# 96
90) Dibenzo(a,h)anthracene	17.44	278	1035889	42.913	ng	# 93
91) Benzo(g,h,i)perylene	17.93	276	1043997	43.922	ng	# 89

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



#1

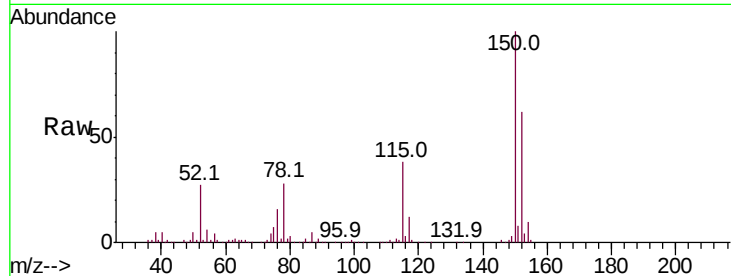
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
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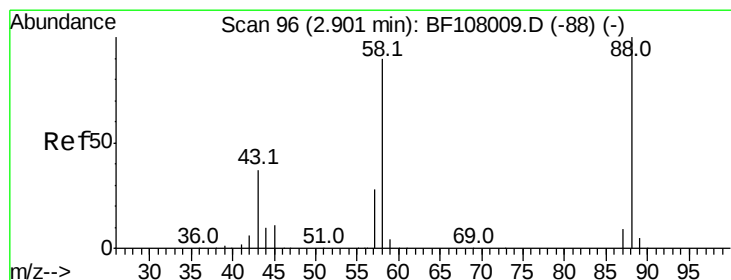
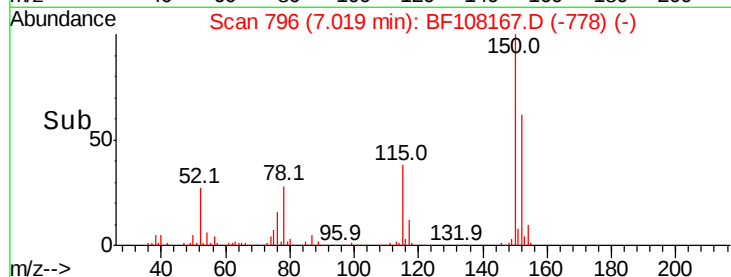
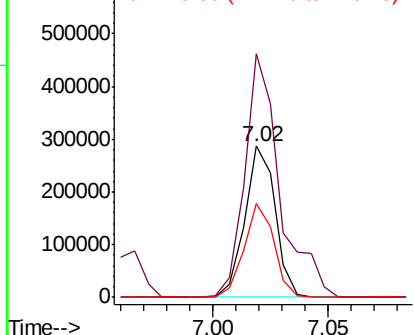


Abundance

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: 37.310 ng
RT: 2.93 min Scan# 100
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

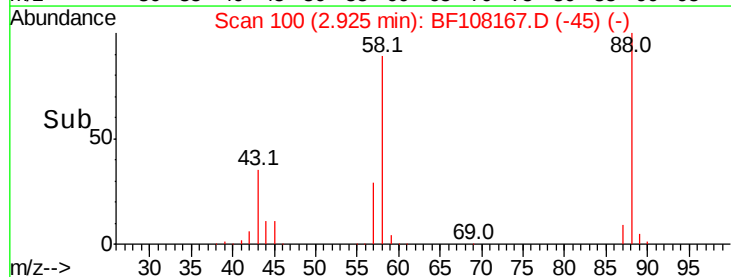
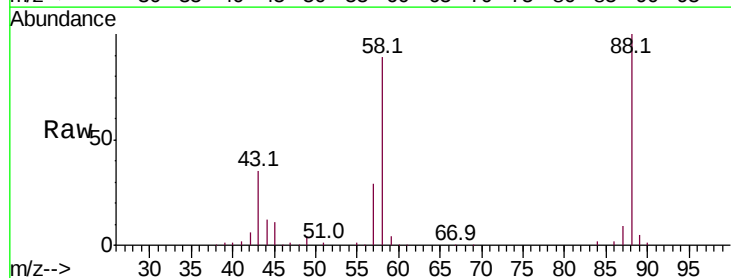
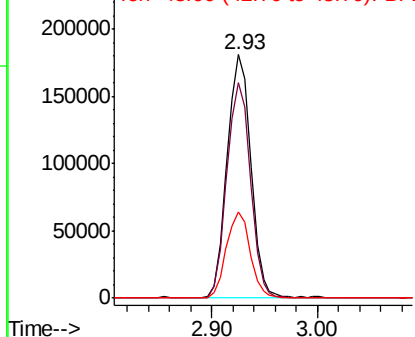
Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	62.6	93.8
43	35.4	24.6	37.0

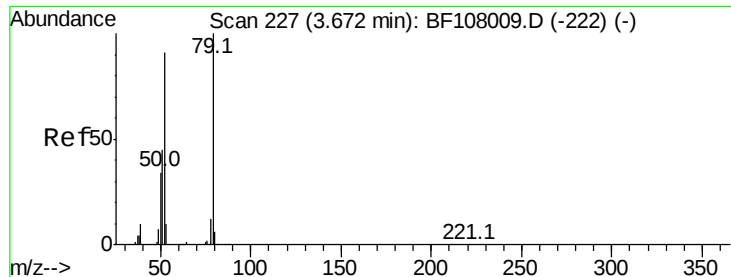
Abundance

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: 37.816 ng

RT: 3.70 min Scan# 232

Delta R.T. 0.03 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

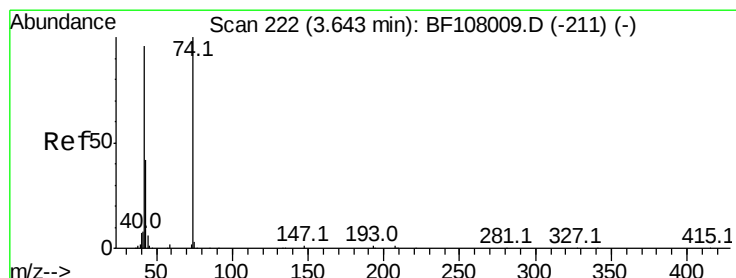
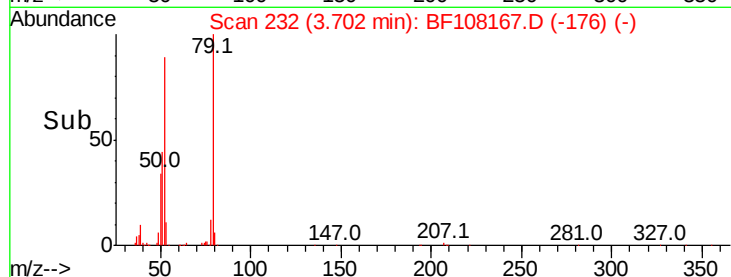
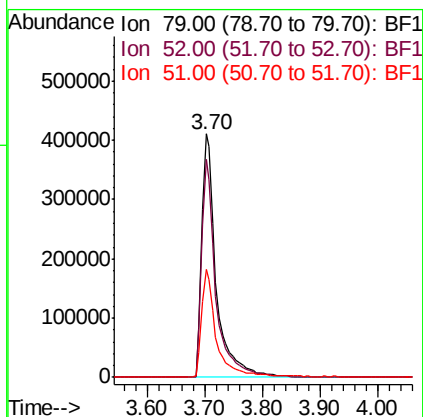
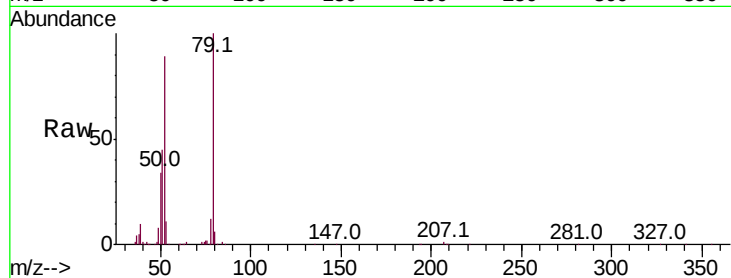
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	731307
Ion Ratio	Lower	Upper	
79	100		
52	89.5	59.8	89.6
51	44.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 37.421 ng

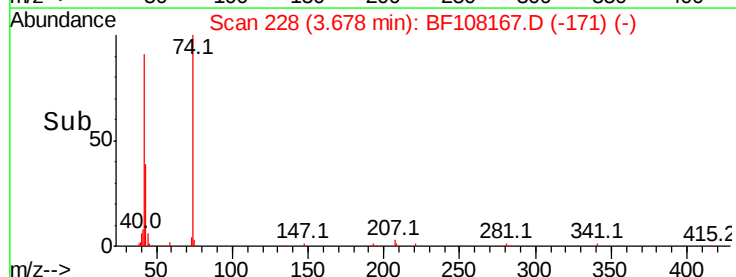
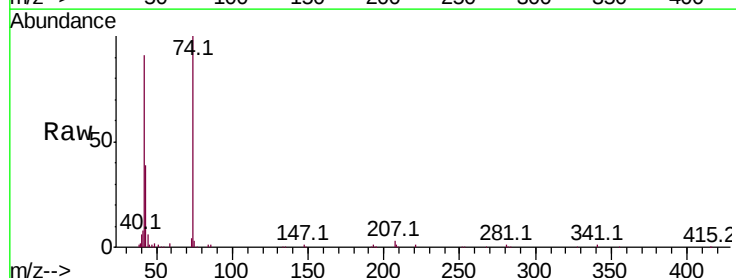
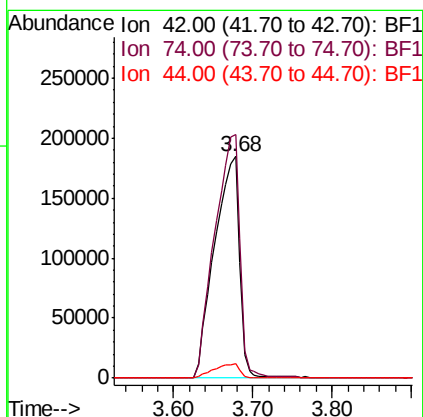
RT: 3.68 min Scan# 228

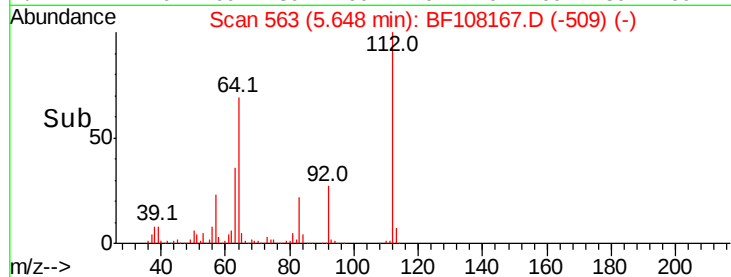
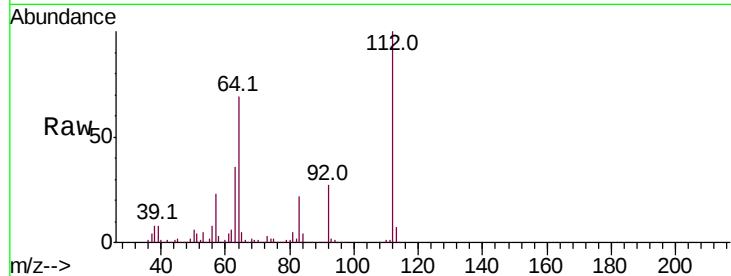
Delta R.T. 0.04 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:	42	Resp:	407207
Ion Ratio	Lower	Upper	
42	100		
74	110.0	104.9	157.3
44	6.6	6.9	10.3#





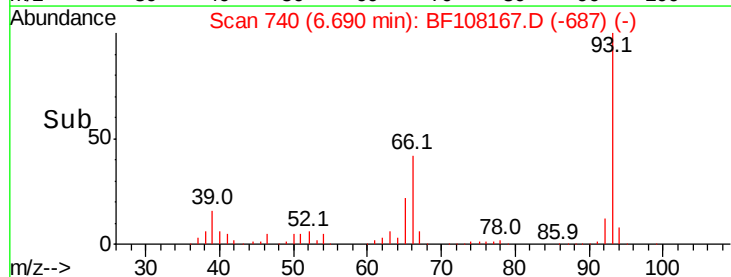
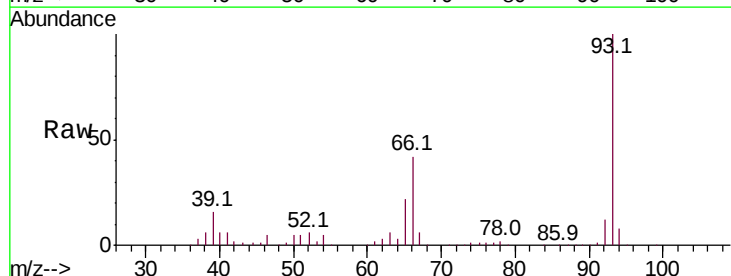
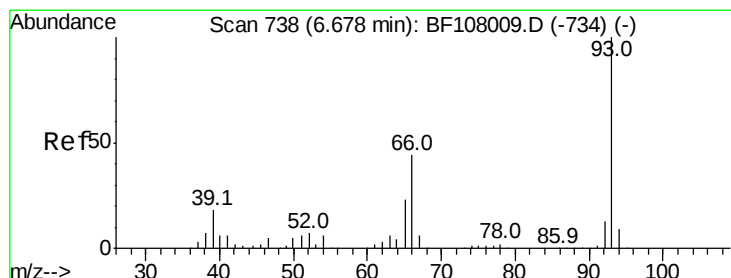
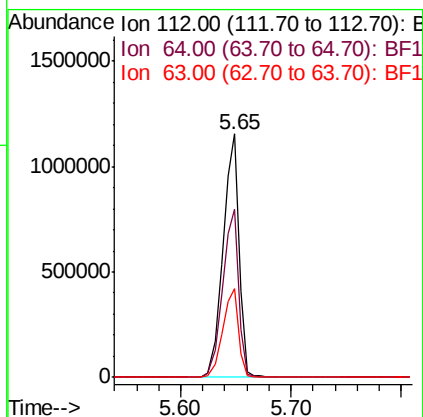
#5
2-Fluorophenol
Concen: 79.743 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	36.4	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

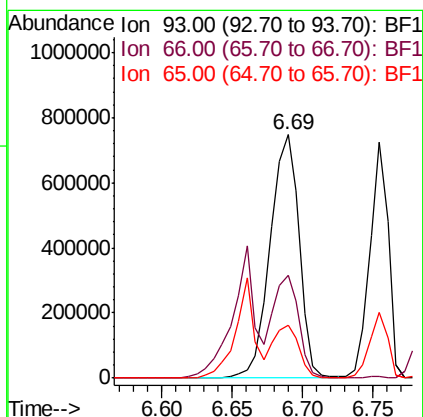
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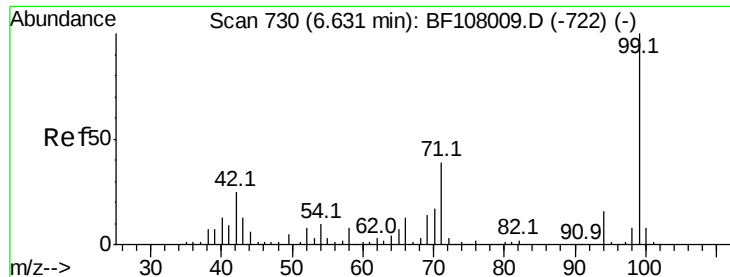
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#6
Aniline
Concen: 40.885 ng
RT: 6.69 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.5	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 79.749 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1548311

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

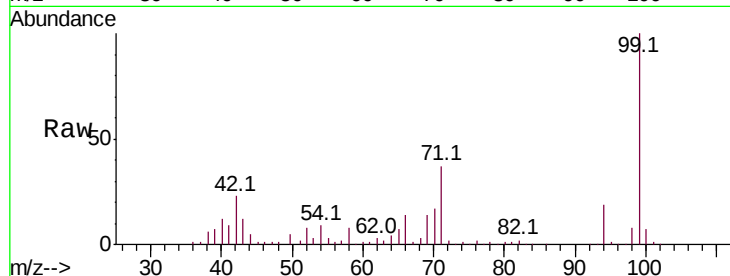
71 37.4 25.4 38.0

Manual Integrations

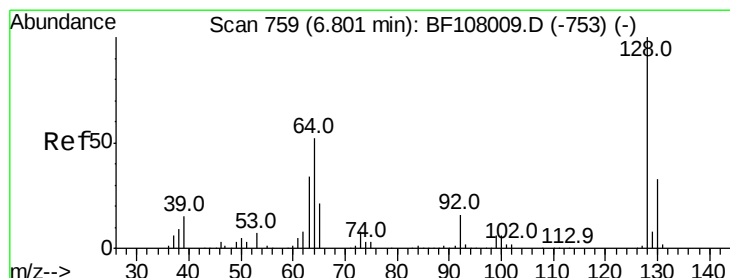
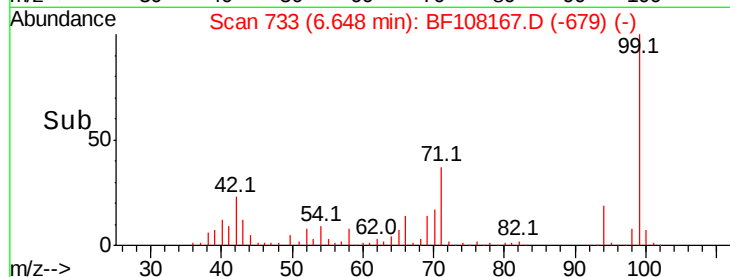
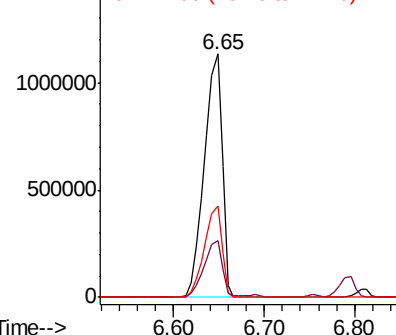
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.808 ng

RT: 6.81 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

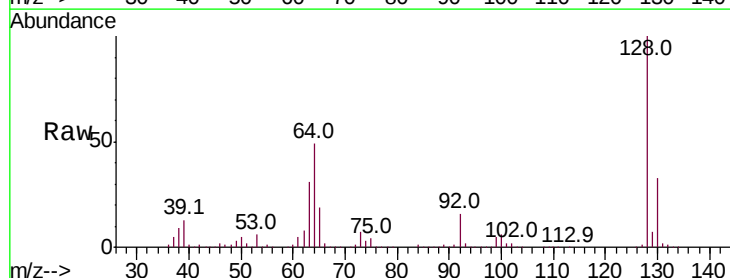
Tgt Ion: 128 Resp: 671492

Ion Ratio Lower Upper

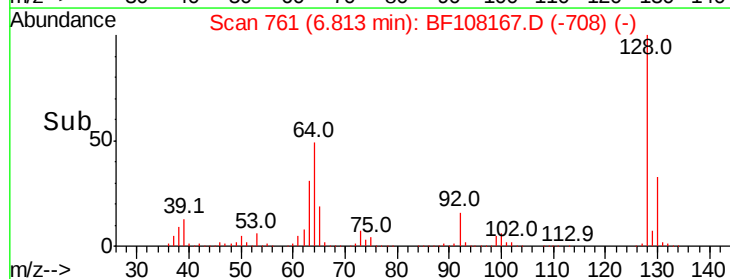
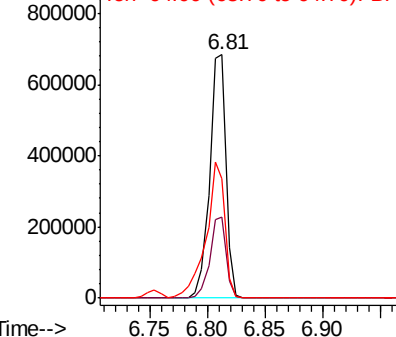
128 100

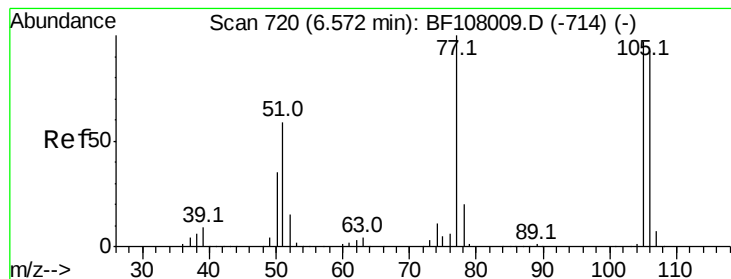
130 33.2 13.0 53.0

64 48.8 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: 37.397 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

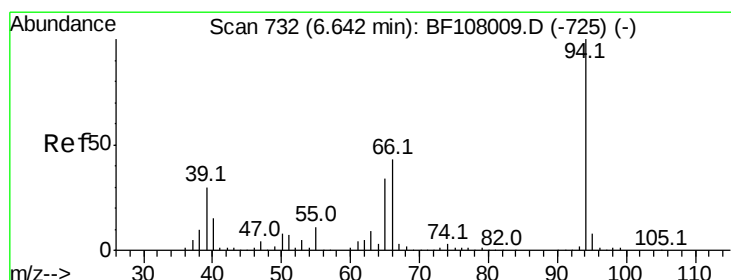
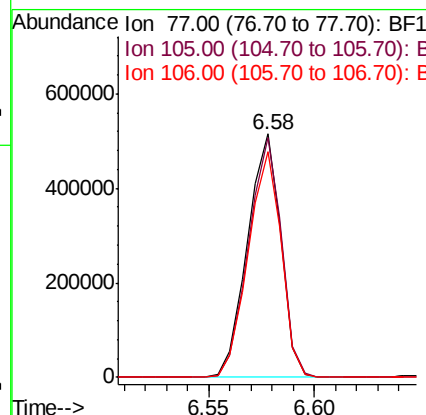
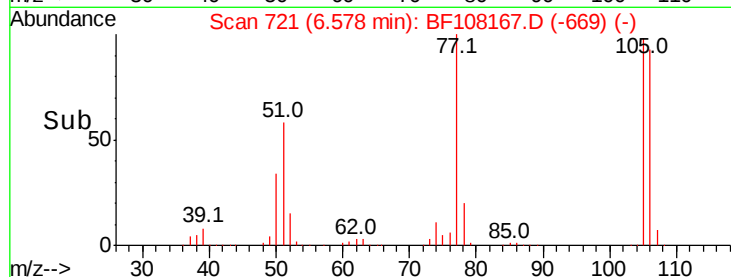
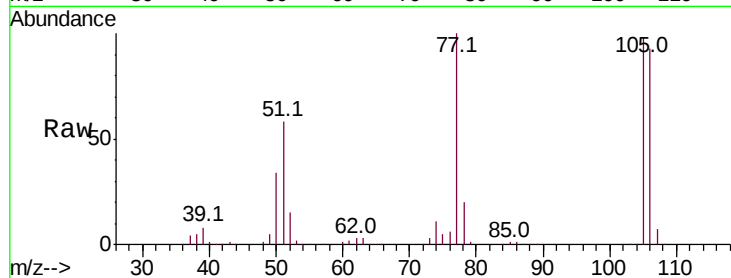
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	562926
Ion Ratio	Lower	Upper	
77	100		
105	98.3	81.1	121.1
106	92.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.881 ng

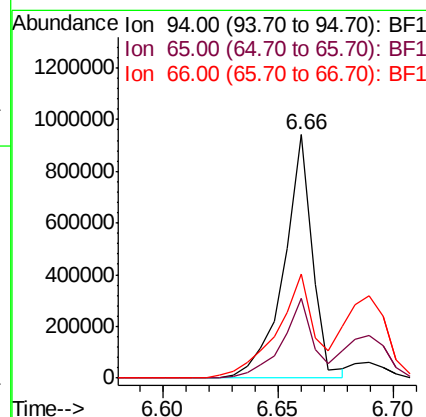
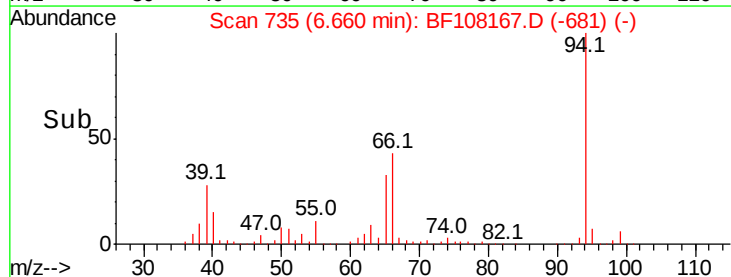
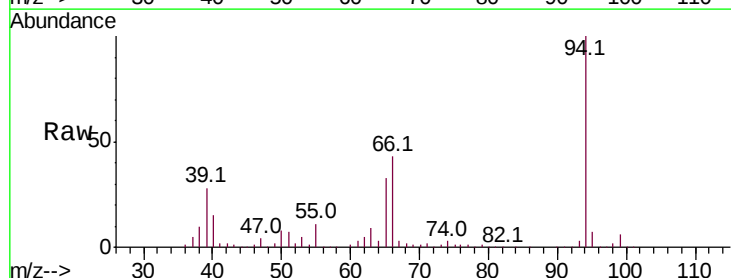
RT: 6.66 min Scan# 735

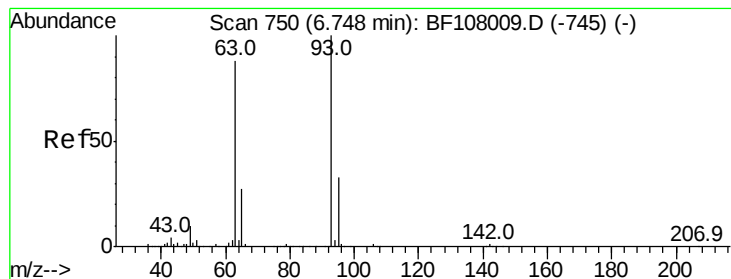
Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:	94	Resp:	800912
Ion Ratio	Lower	Upper	
94	100		
65	32.8	7.9	47.9
66	43.0	16.2	56.2





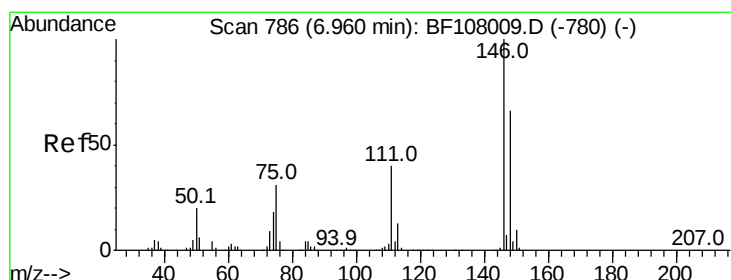
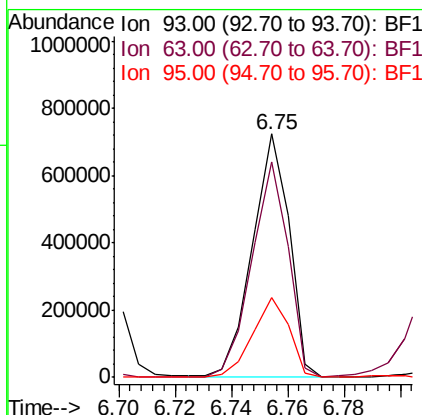
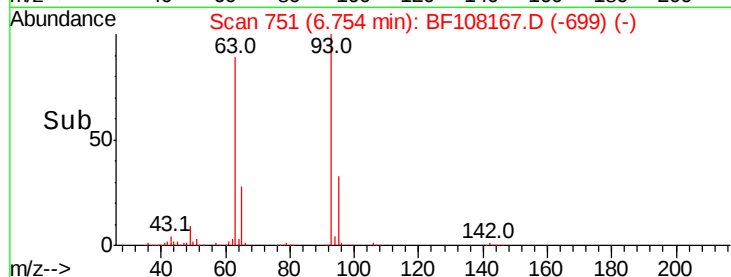
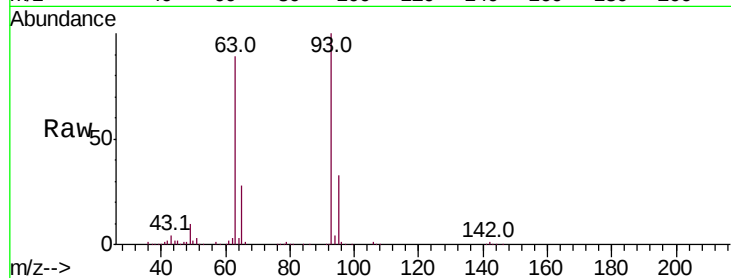
#11
bis(2-Chloroethyl)ether
Concen: 40.268 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	58.6	98.6
95	32.9	11.8	51.8

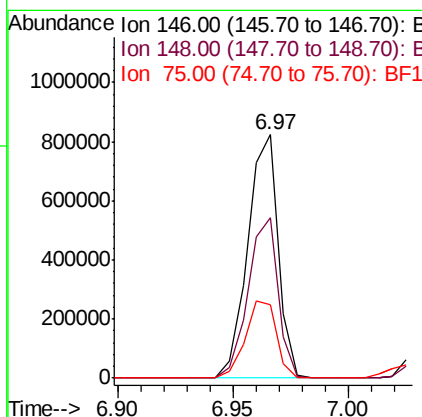
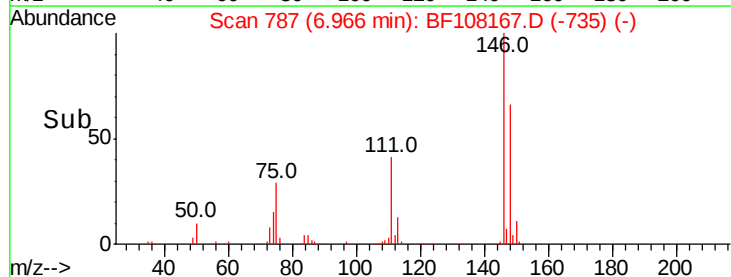
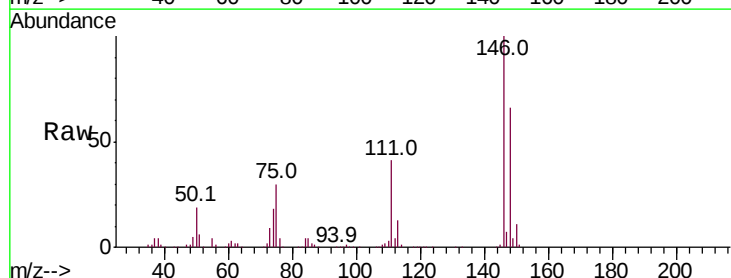
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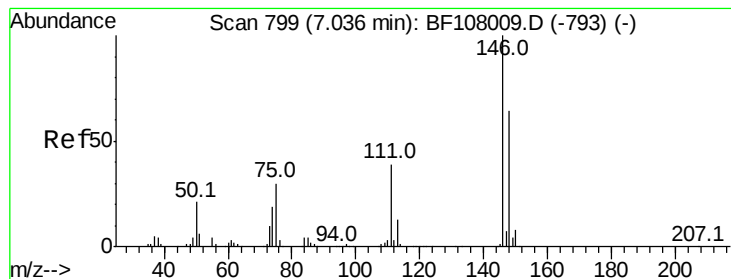
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.071 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	30.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.020 ng

RT: 7.04 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

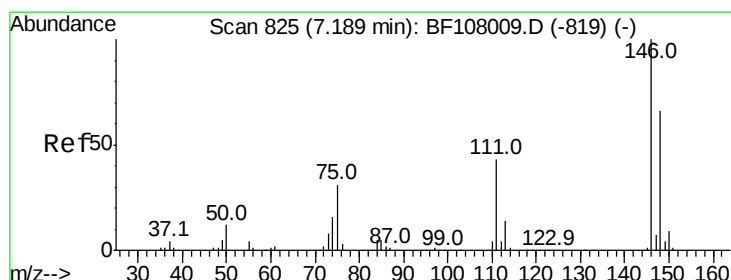
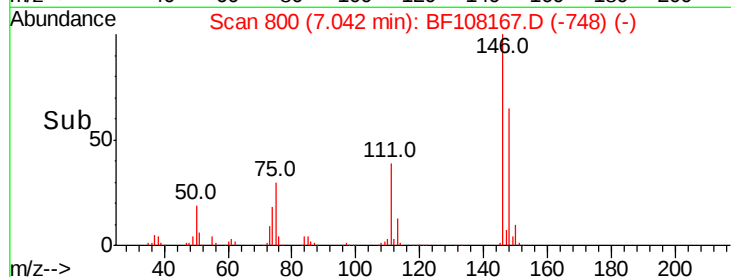
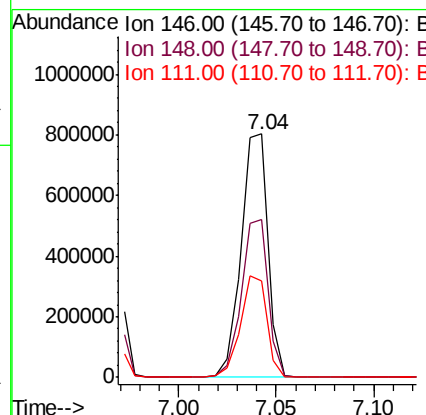
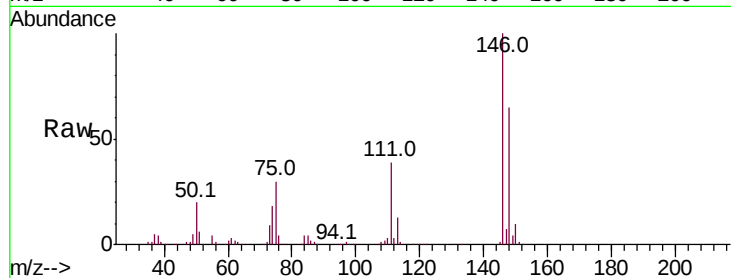
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	765014
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.8	76.2
111	39.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 39.392 ng

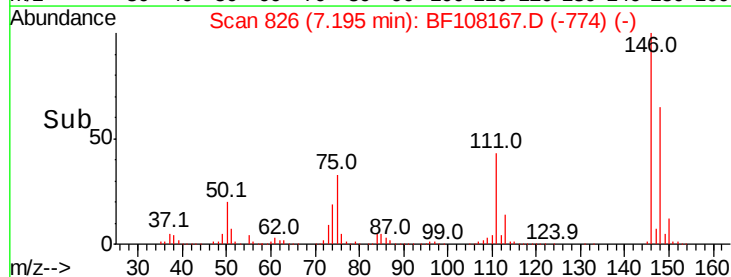
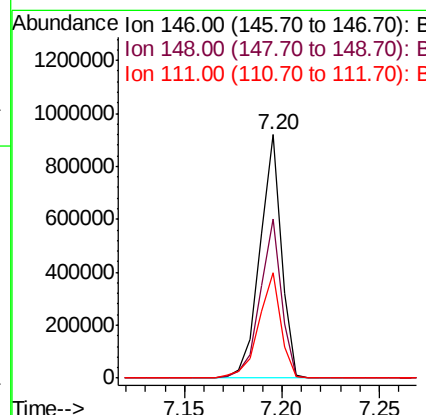
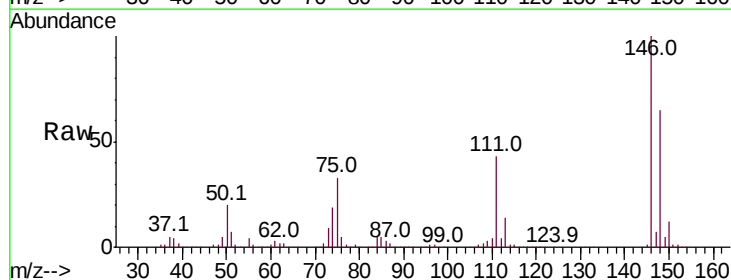
RT: 7.20 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:	146	Resp:	700436
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.704 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

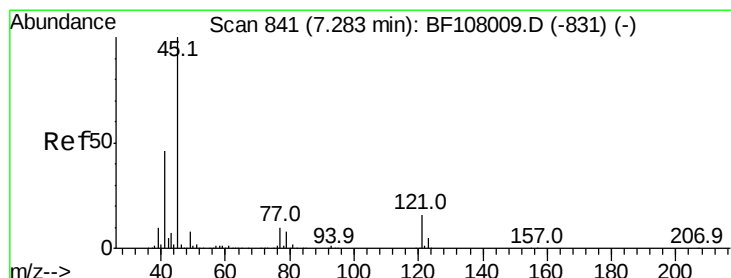
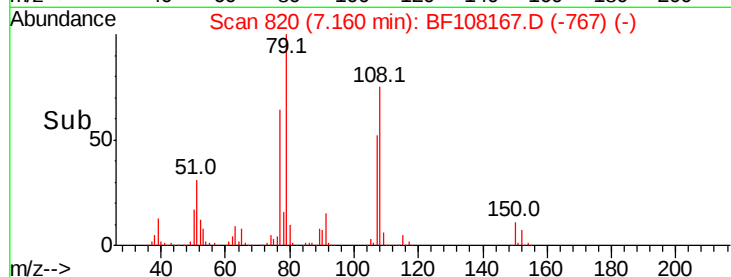
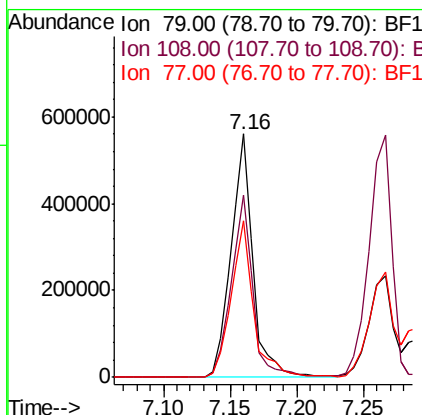
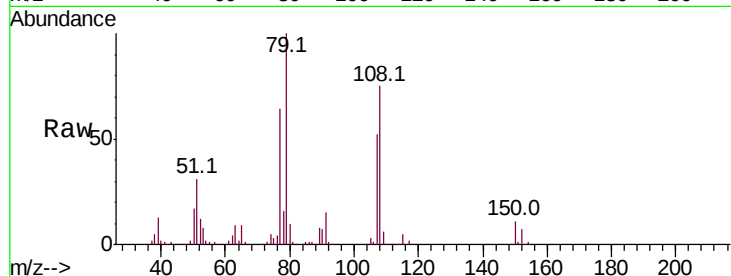
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	648929
Ion Ratio	Lower	Upper	
79	100		
108	75.1	65.1	97.7
77	64.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.256 ng

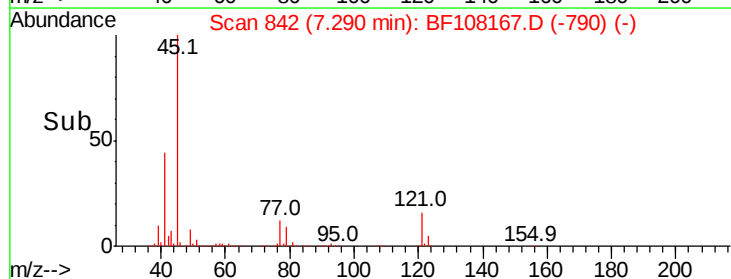
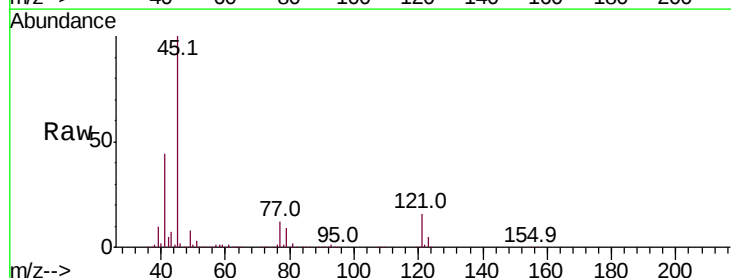
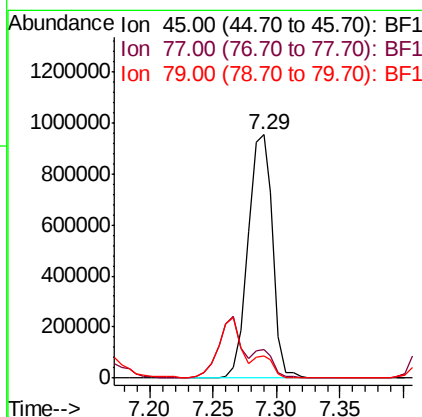
RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:	45	Resp:	1279542
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	32.9
79	9.1	0.0	29.6





#17

2-Methylphenol

Concen: 40.227 ng

RT: 7.27 min Scan# 838

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

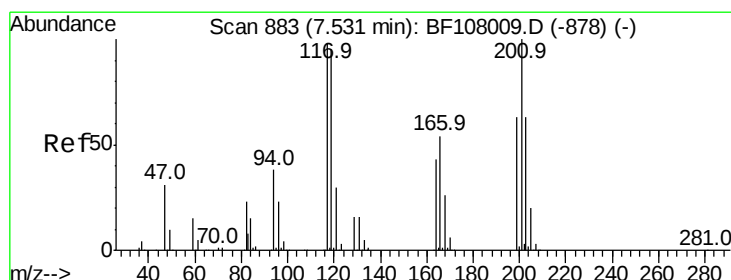
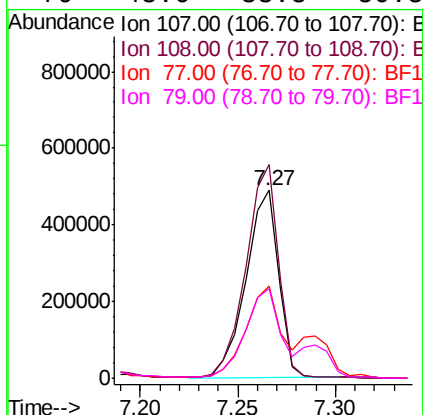
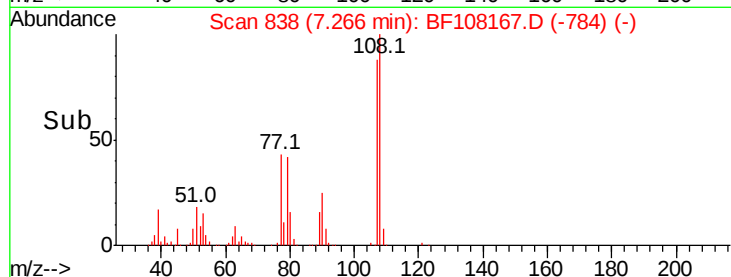
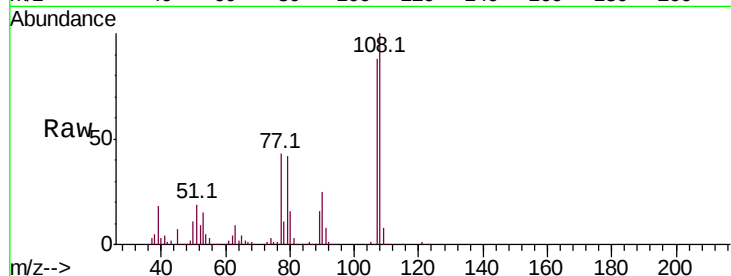
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	567647		
108	113.7	91.7	137.5	
77	49.3	33.8	50.8	
79	48.0	33.8	50.8	

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#18

Hexachloroethane

Concen: 41.665 ng

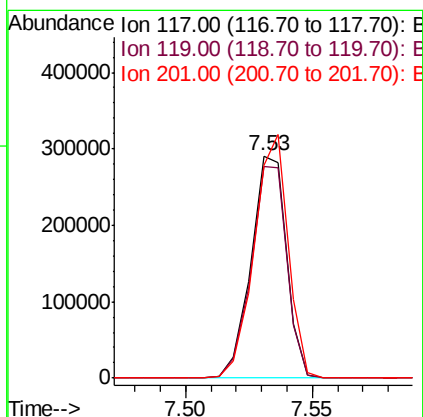
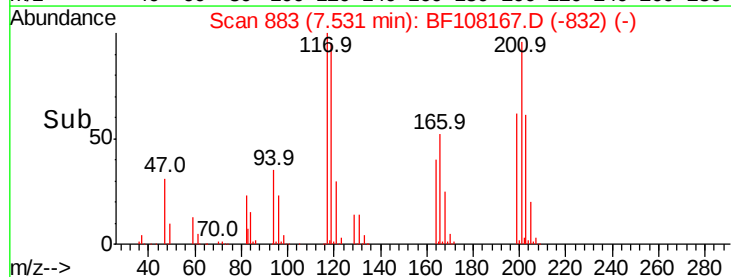
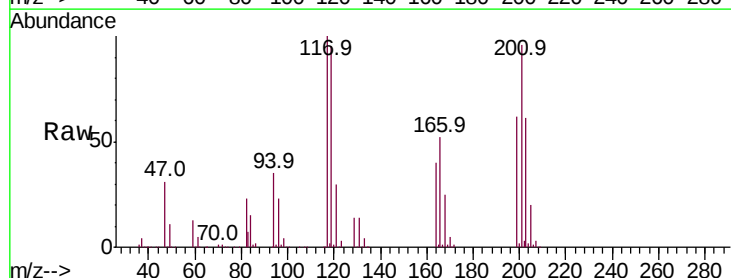
RT: 7.53 min Scan# 883

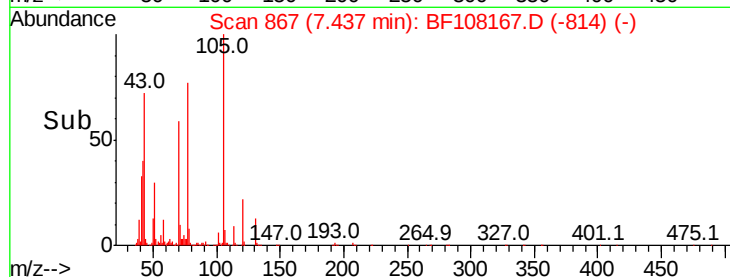
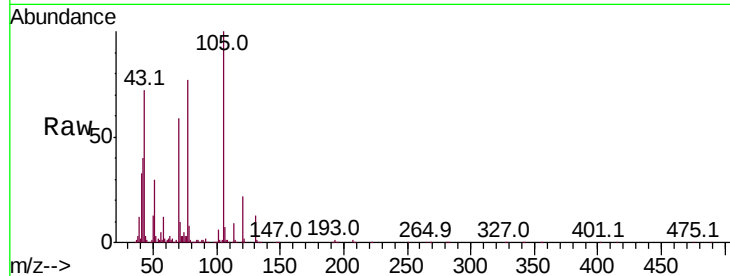
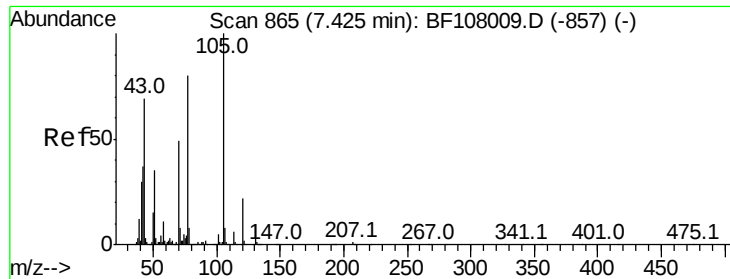
Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	283555		
119	95.2	75.8	113.8	
201	95.8	75.7	113.5	





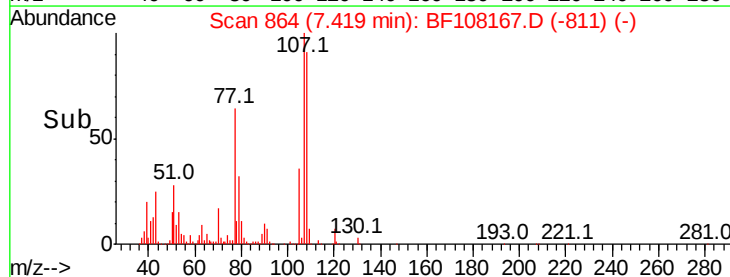
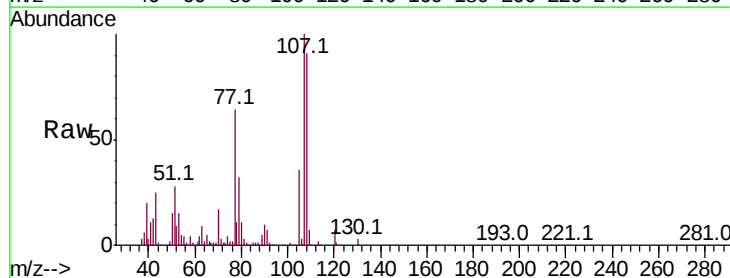
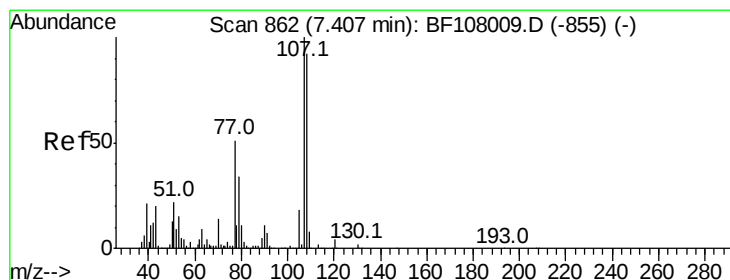
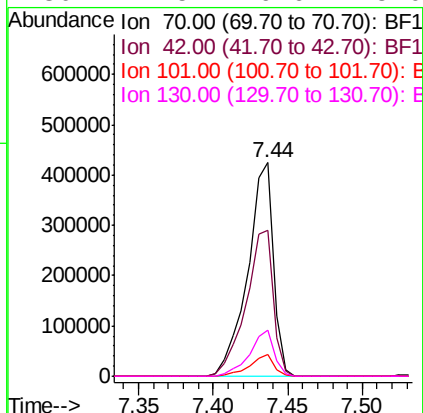
#19
n-Nitroso-di-n-propylamine
Concen: 38.515 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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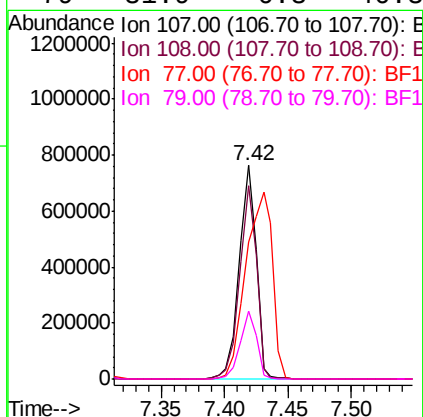
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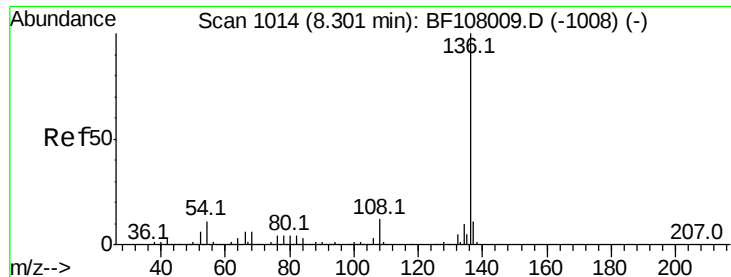
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	47.5	71.3
101	10.2	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.675 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	64.3	26.7	66.7
79	31.9	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: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1026386

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.0 6.6 9.8#

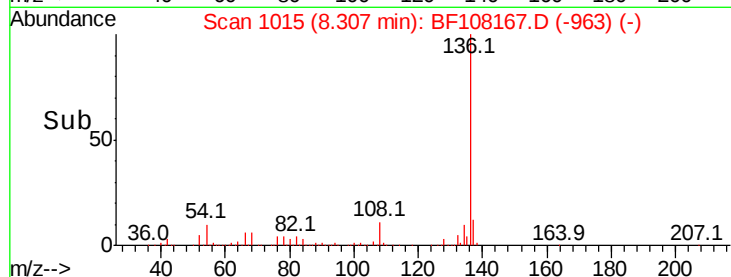
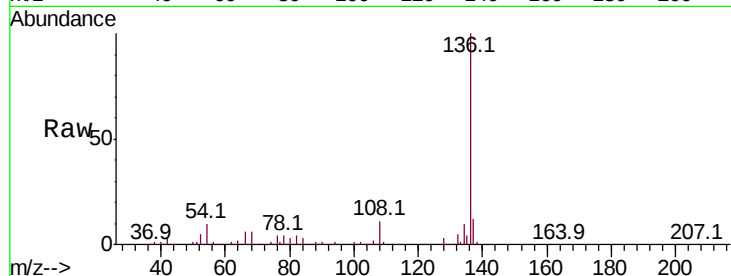
68 6.3 5.0 7.4

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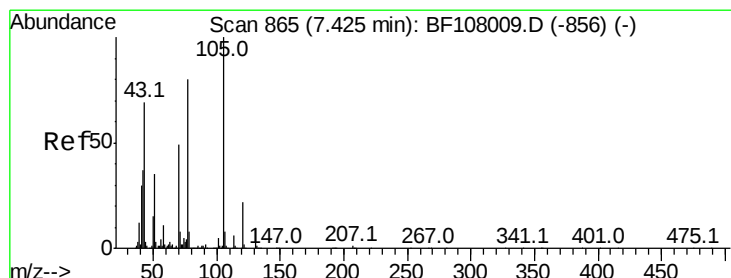
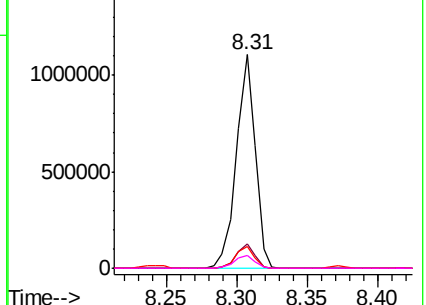


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.980 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:105 Resp: 935503

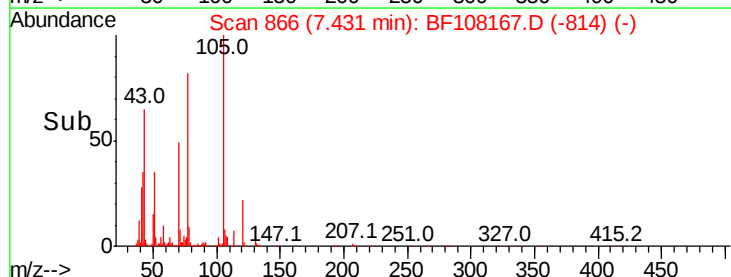
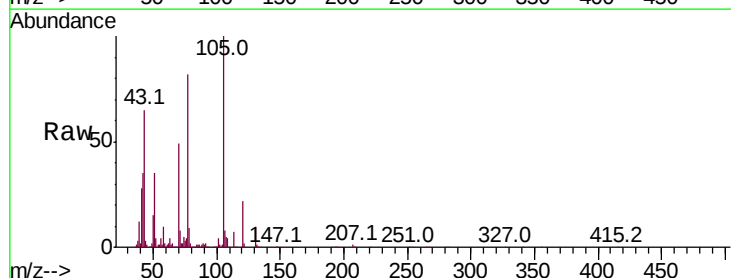
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 34.8 22.3 33.5#

120 21.8 16.9 25.3

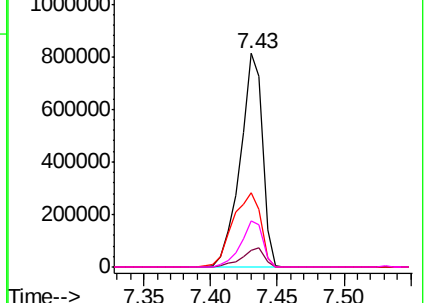


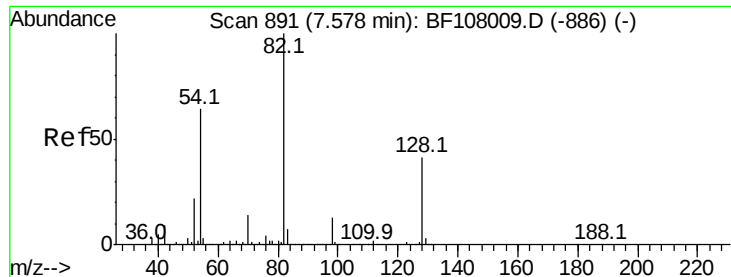
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





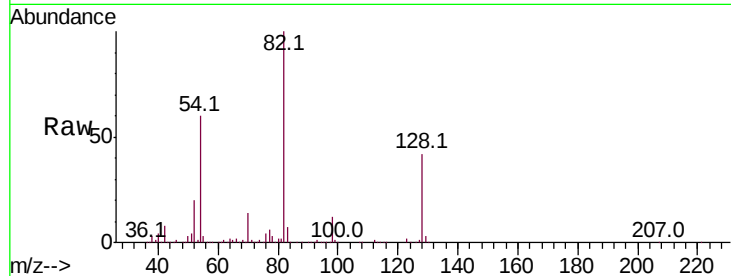
#23
Nitrobenzene-d5
Concen: 82.740 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

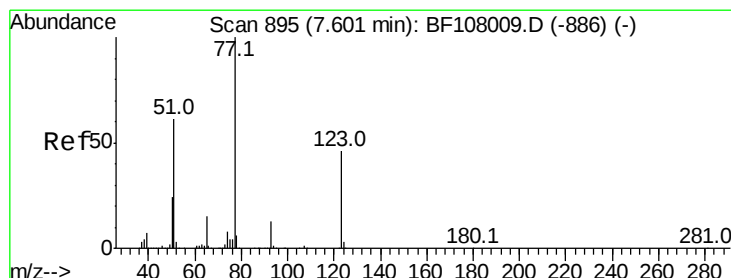
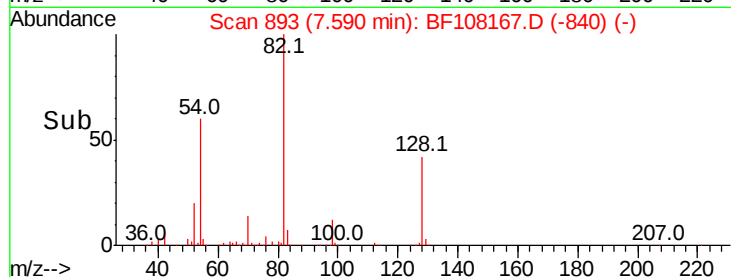
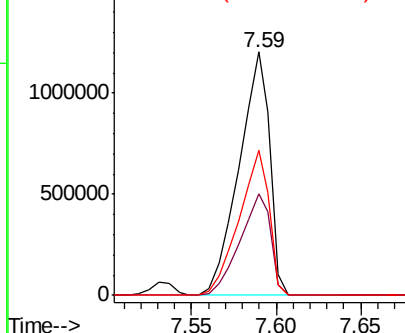
Tot Ion: 82 Resp: 1521874
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 59.7 41.4 62.2

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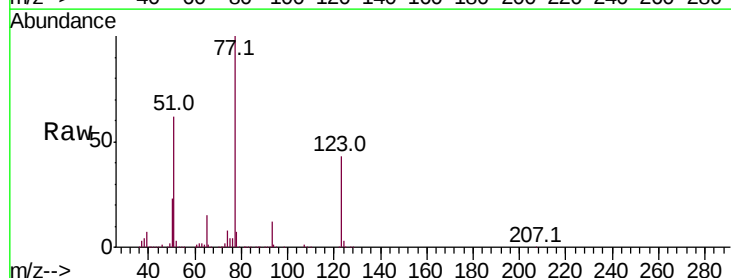


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

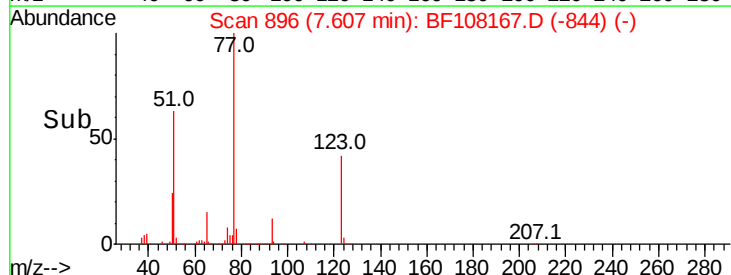
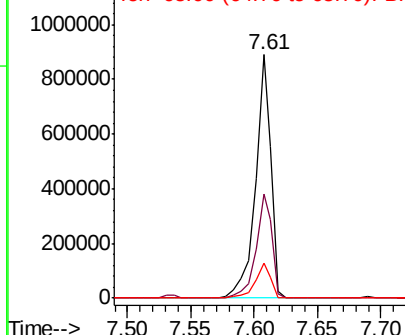


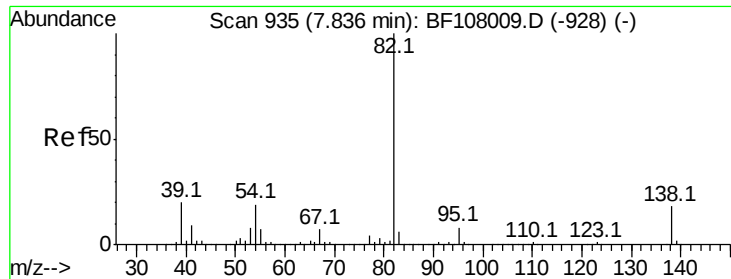
#24
Nitrobenzene
Concen: 40.784 ng
RT: 7.61 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion: 77 Resp: 758567
Ion Ratio Lower Upper
77 100
123 42.5 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: 40.207 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1409623

Ion Ratio Lower Upper

82 100

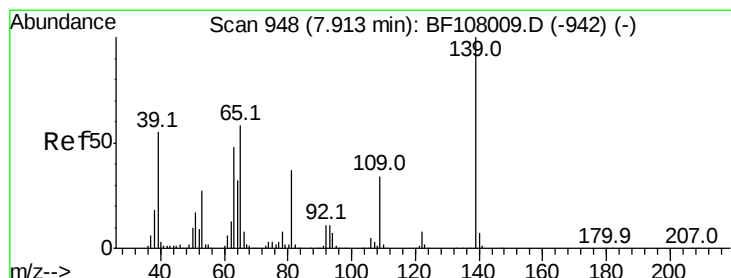
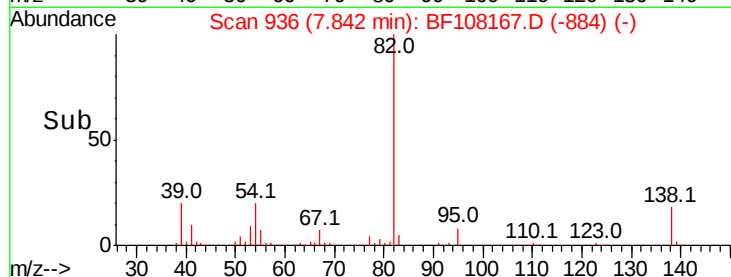
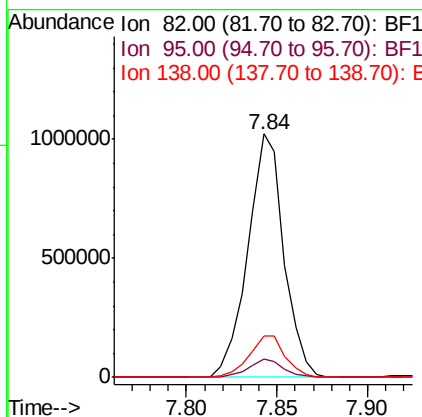
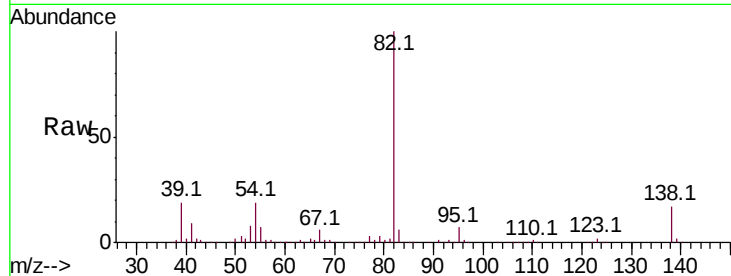
95 7.4 5.2 7.8

138 17.1 14.9 22.3

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#26

2-Nitrophenol

Concen: 48.233 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

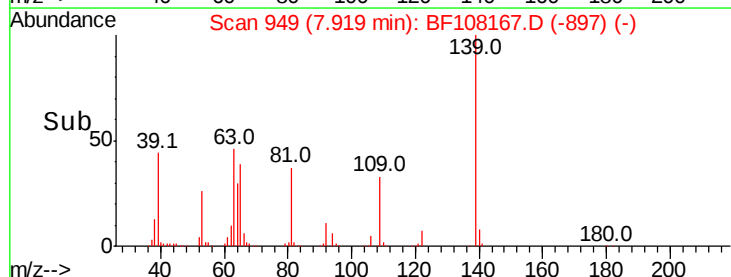
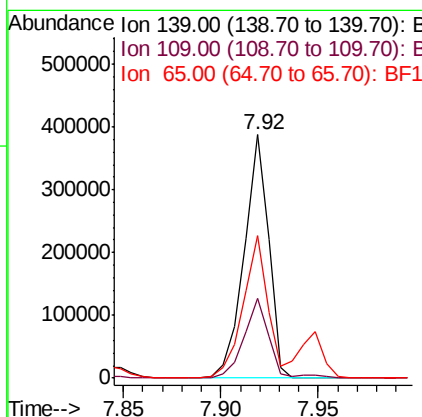
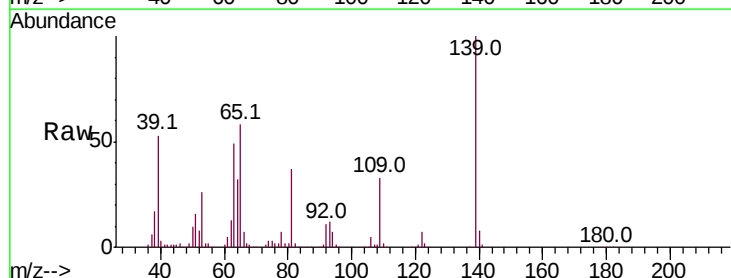
Tgt Ion: 139 Resp: 338796

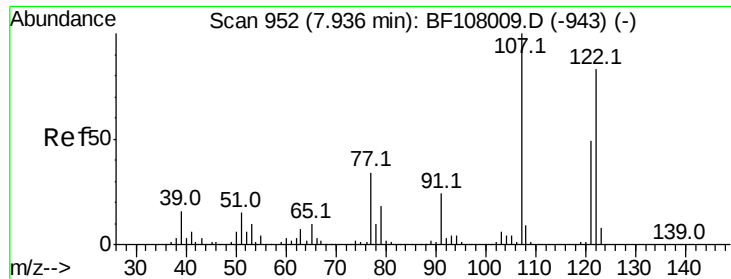
Ion Ratio Lower Upper

139 100

109 32.9 22.7 34.1

65 58.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.187 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

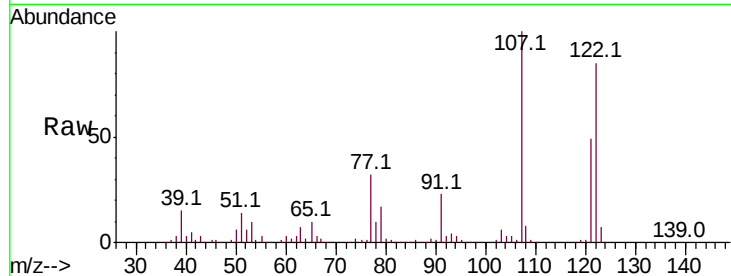
ClientSampleId :

SSTDCCC040EC

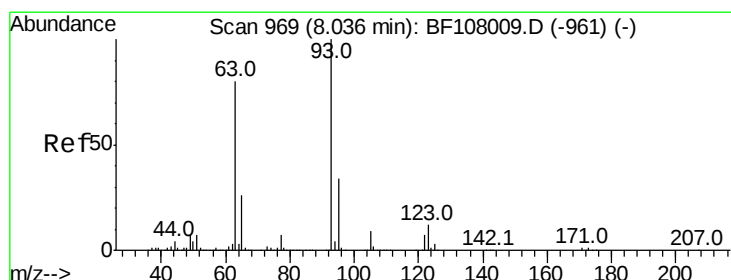
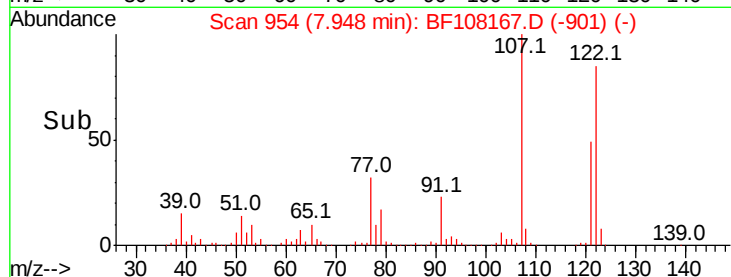
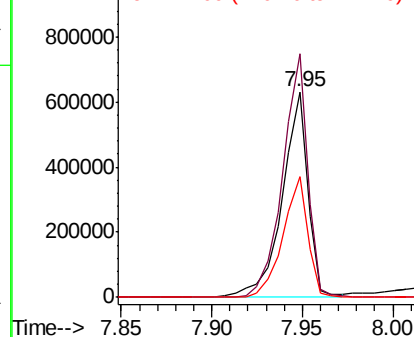
Tot Ion:	122	Resp:	625312
Ion Ratio	Lower	Upper	
122	100		
107	118.3	91.2	136.8
121	58.4	47.2	70.8

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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: 40.671 ng

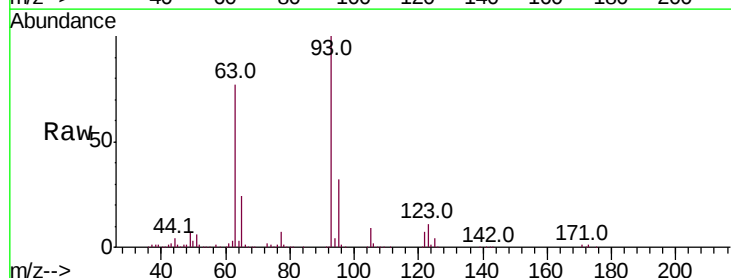
RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

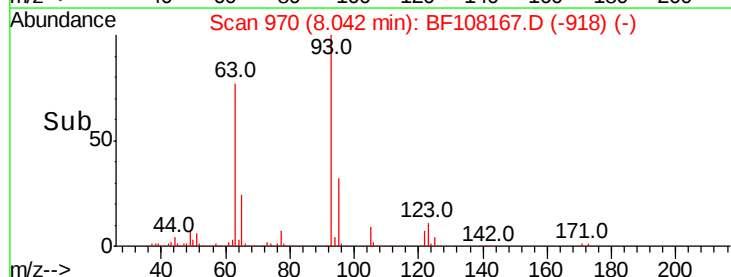
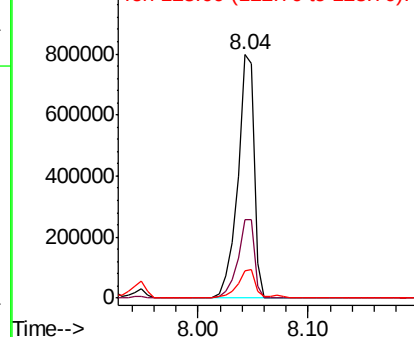
Lab File: BF108167.D

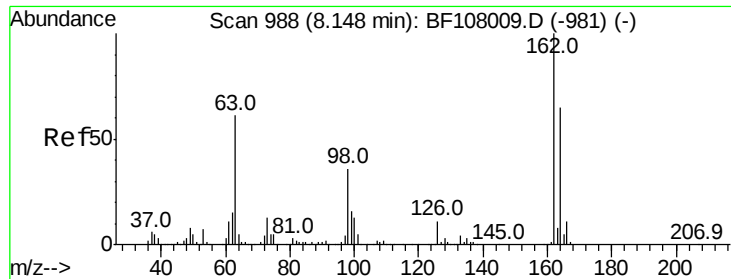
Acq: 15 Aug 2018 16:01

Tgt Ion:	93	Resp:	832403
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.2	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





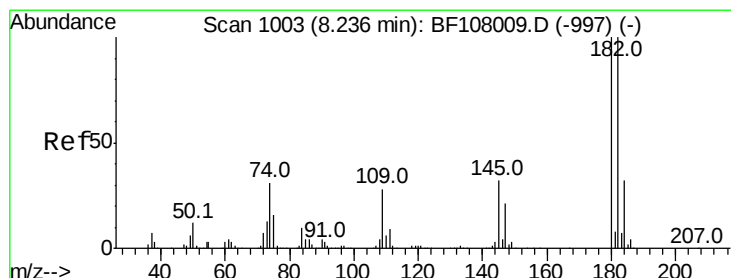
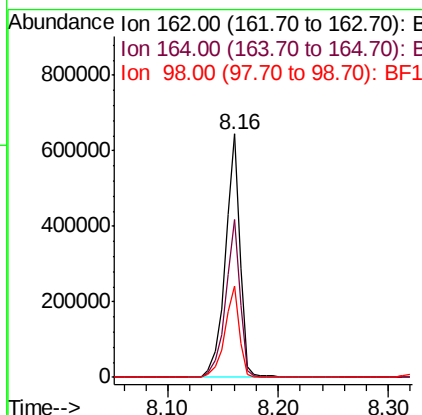
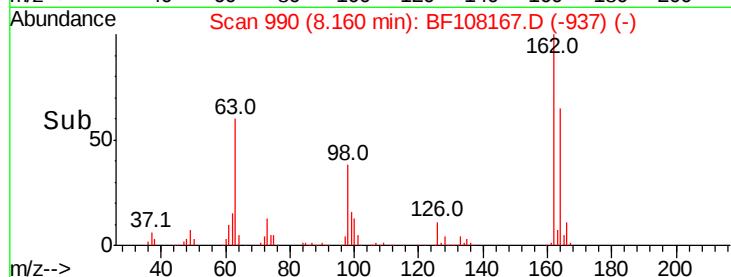
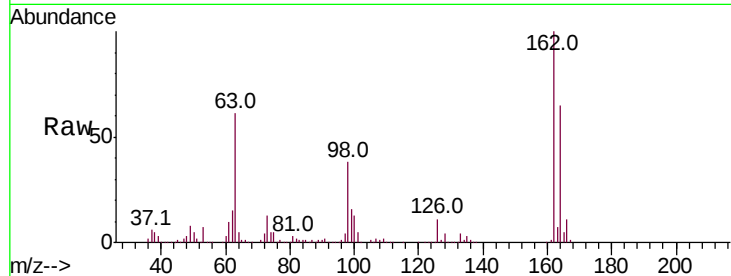
#29
 2,4-Dichlorophenol
 Concen: 41.759 ng
 RT: 8.16 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	597970
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.7	82.7
98	37.6	18.1	58.1

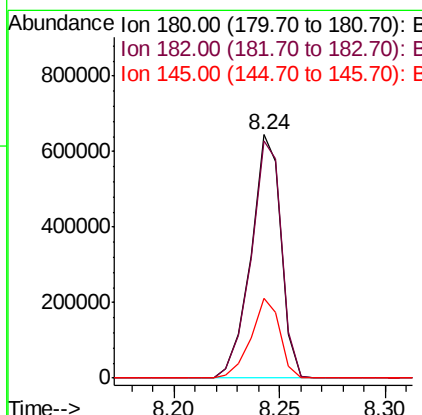
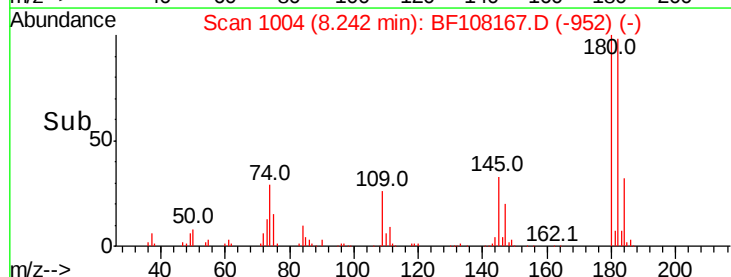
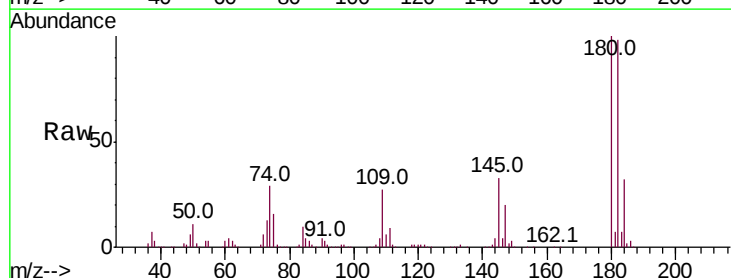
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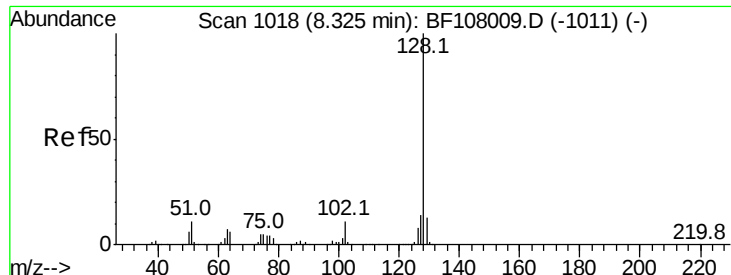
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.403 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:	180	Resp:	637876
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.8	115.2
145	32.7	26.5	39.7





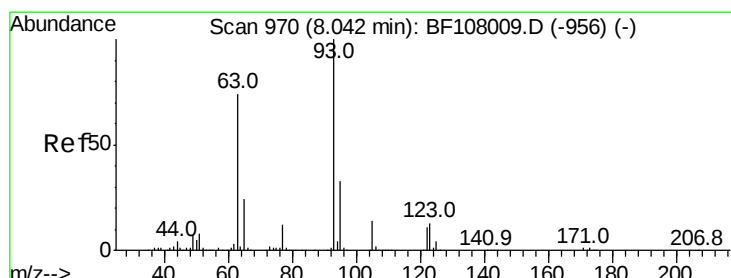
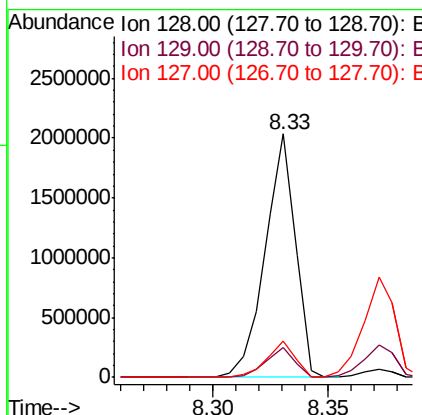
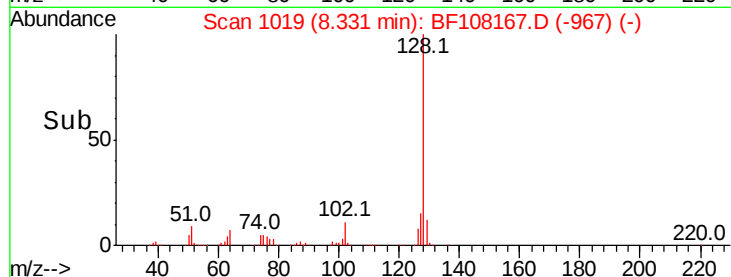
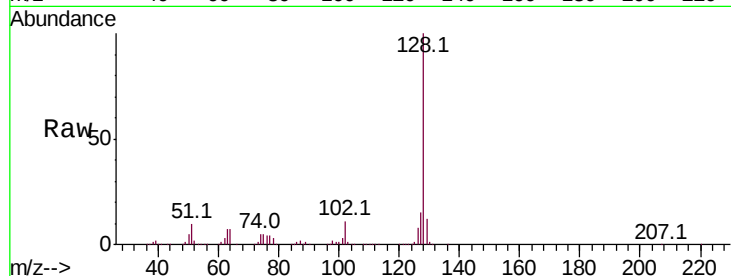
#31
Naphthalene
Concen: 39.738 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1854870
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 14.7 10.9 16.3

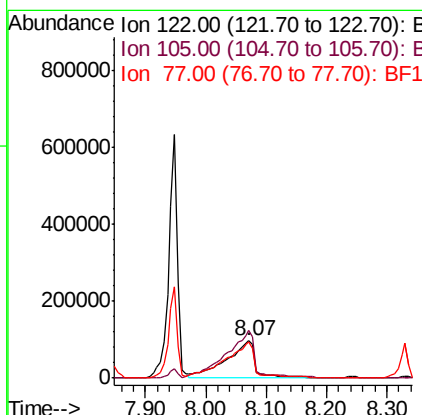
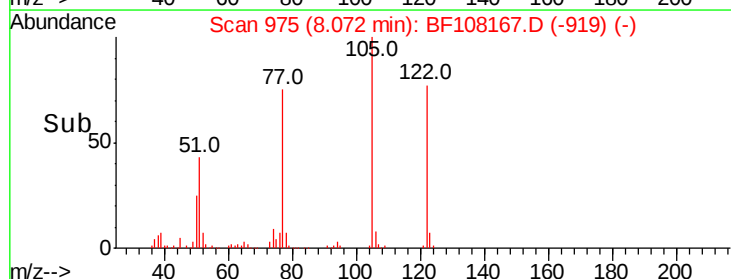
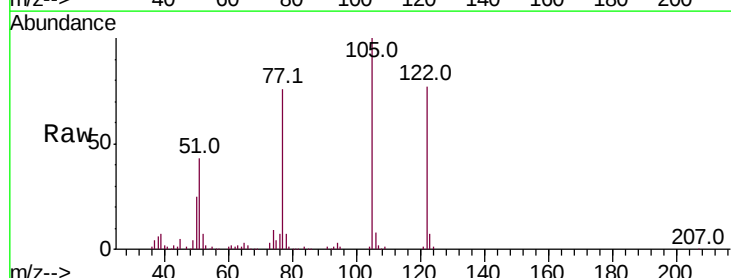
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#32
Benzoic acid
Concen: 37.272 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.03 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion:122 Resp: 322772
Ion Ratio Lower Upper
122 100
105 129.8 101.1 141.1
77 98.1 70.7 110.7





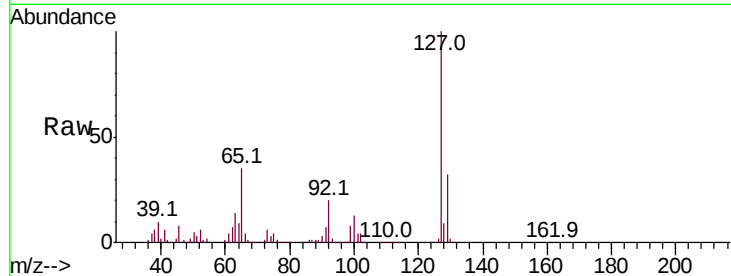
#33
4-Chloroaniline
Concen: 40.182 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	35.3	25.0	37.4
92	20.4	15.2	22.8

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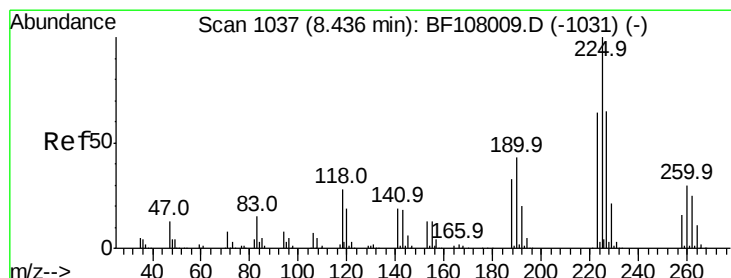
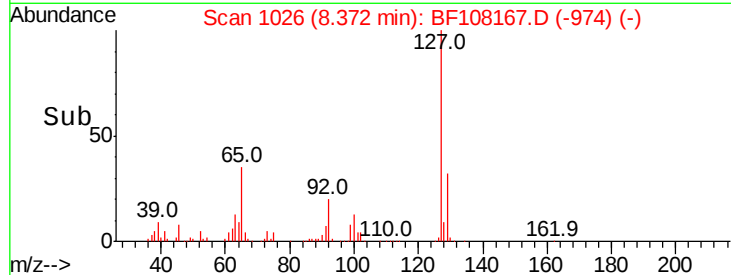
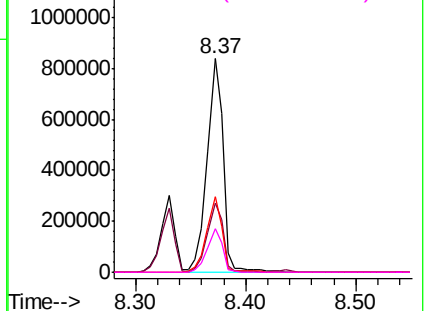
Abundance

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: 41.188 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

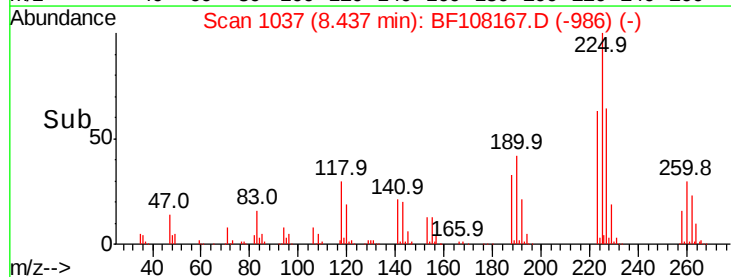
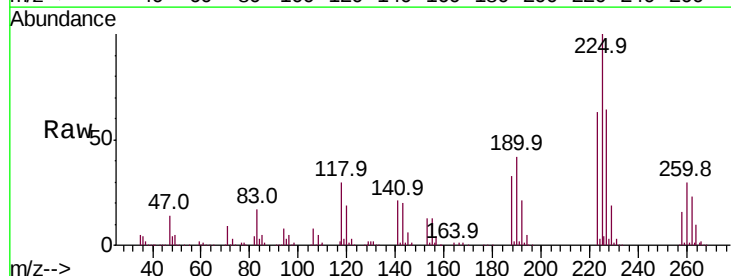
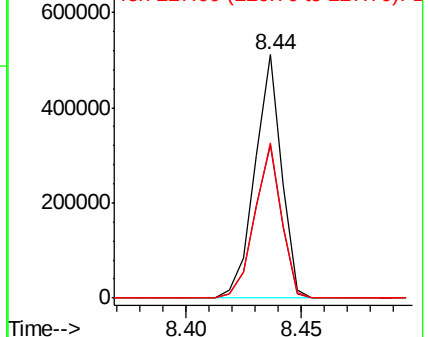
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.0	51.9	77.9

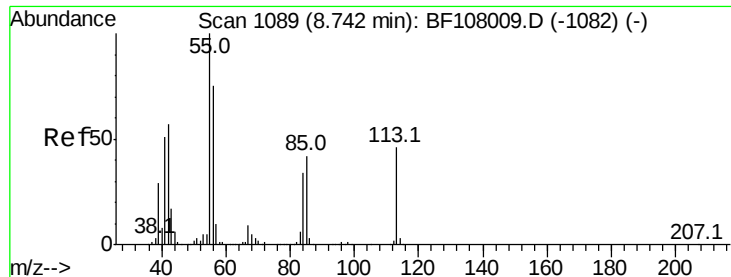
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.285 ng/ml

RT: 8.76 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 113 Resp: 203208

Ion Ratio Lower Upper

113 100

55 219.6 163.3 203.3#

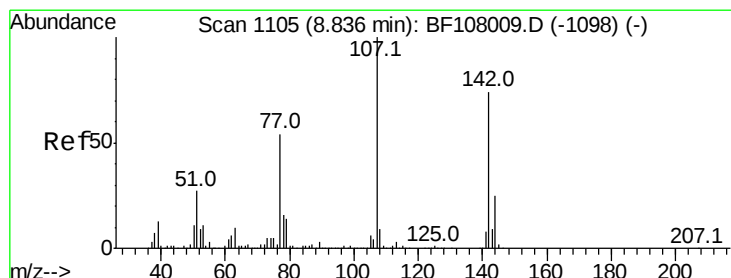
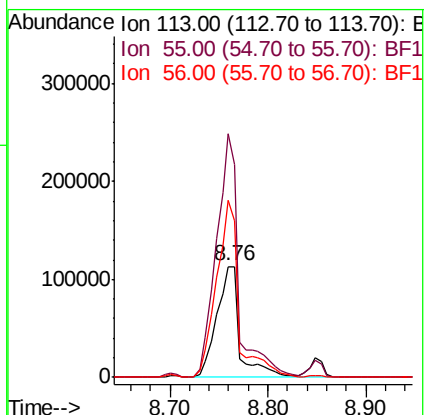
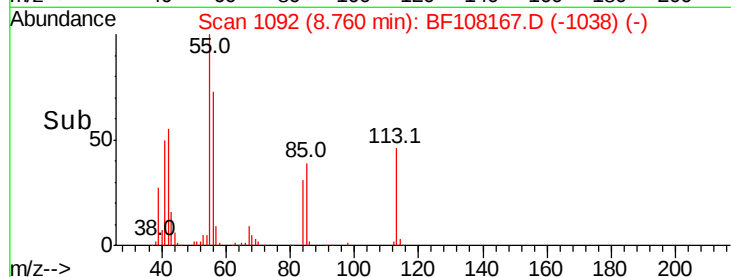
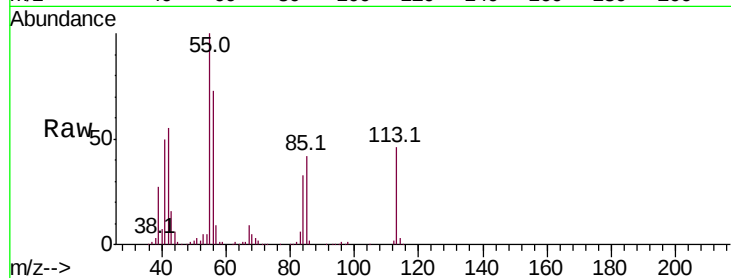
56 159.3 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 40.245 ng/ml

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

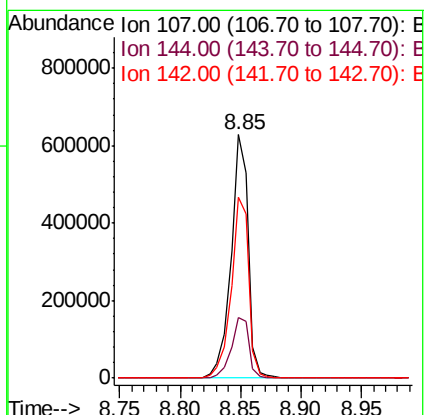
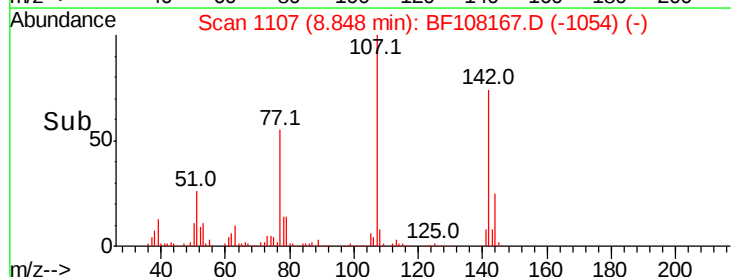
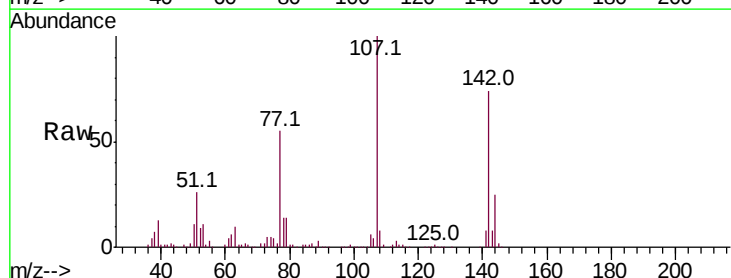
Tgt Ion: 107 Resp: 621693

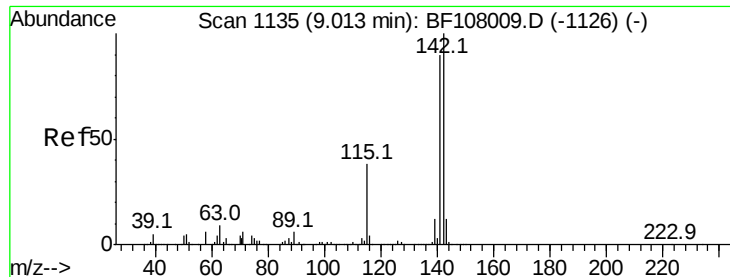
Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

142 74.4 62.0 93.0





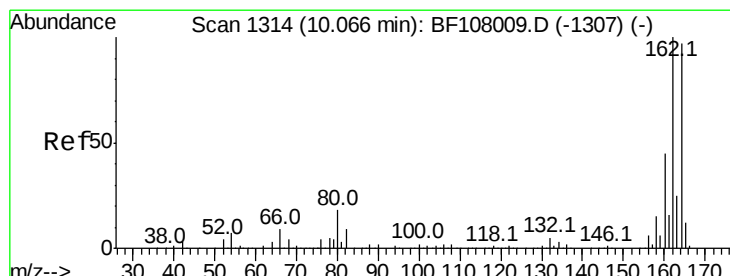
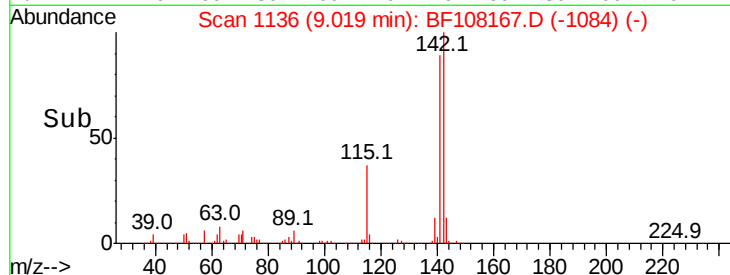
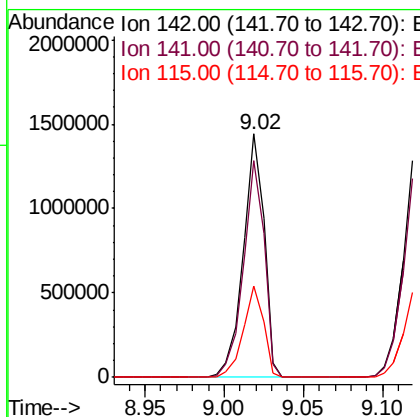
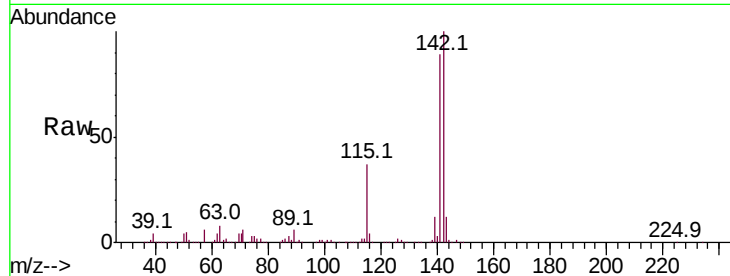
#37
2-Methylnaphthalene
Concen: 39.628 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	37.4	26.1	39.1

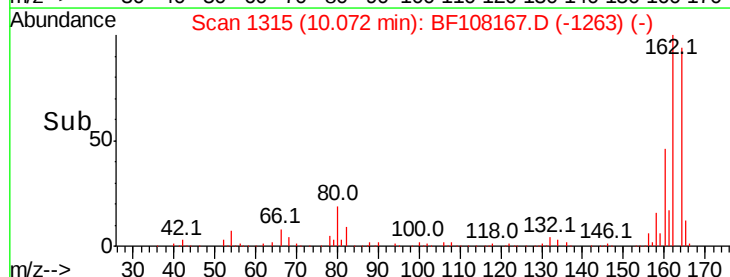
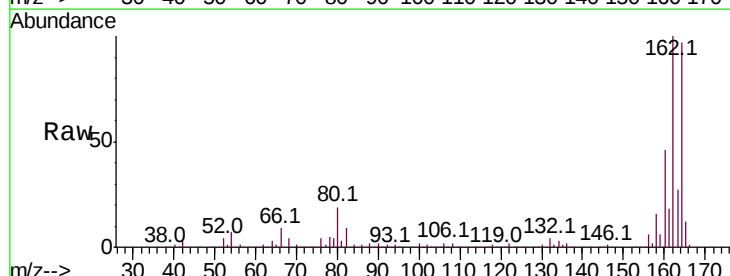
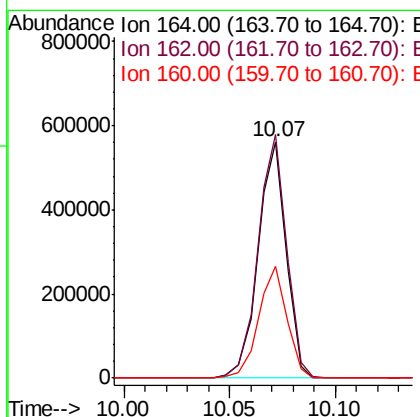
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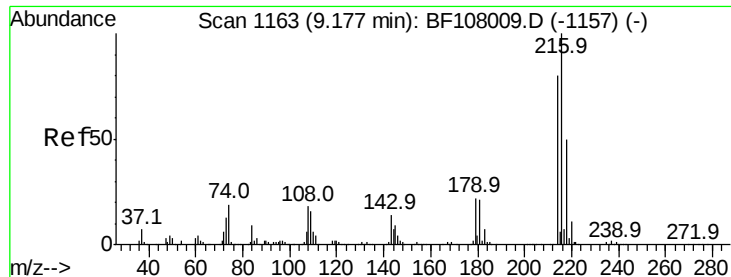
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.5	38.3	57.5





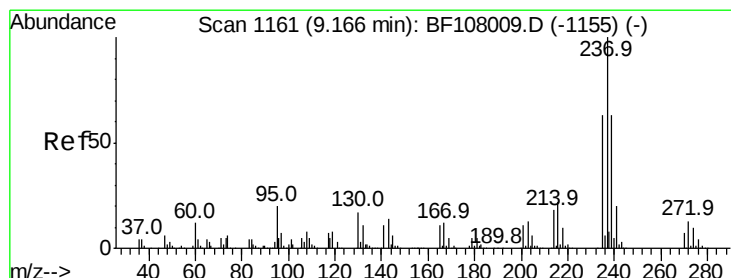
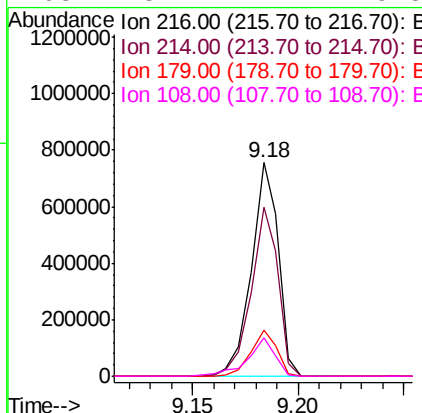
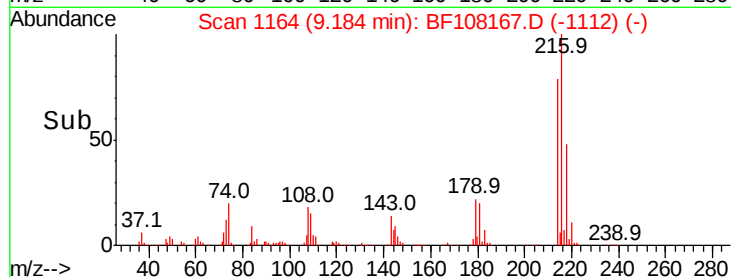
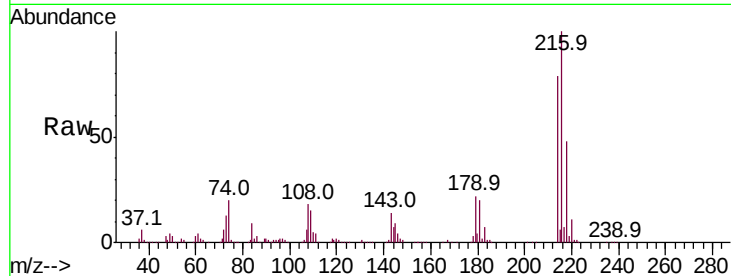
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.967 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	667795		
214	79.0	63.0	94.4	
179	21.0	18.1	27.1	
108	18.7	17.2	25.8	

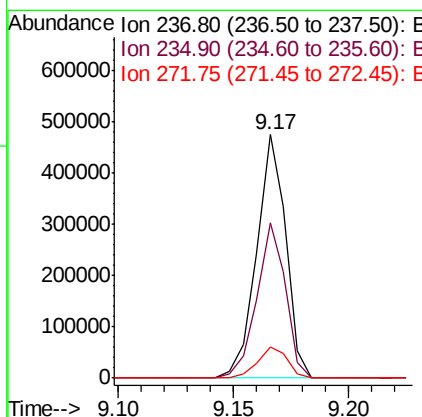
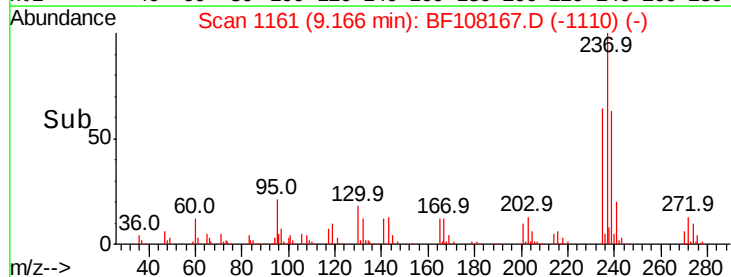
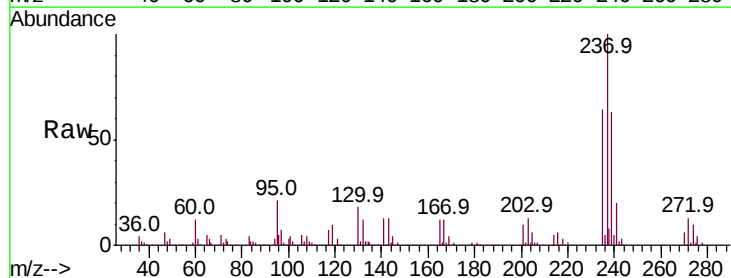
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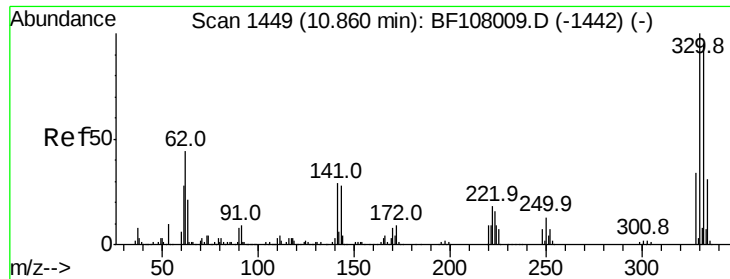
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#40
 Hexachlorocyclopentadiene
 Concen: 40.671 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	418017		
235	64.0	44.8	84.8	
272	12.9	0.0	33.3	





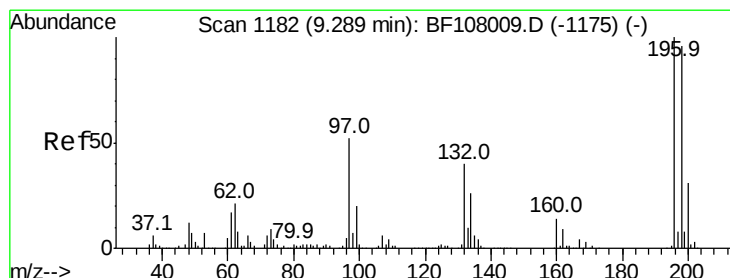
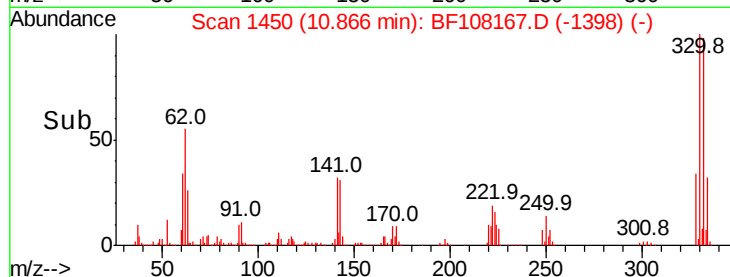
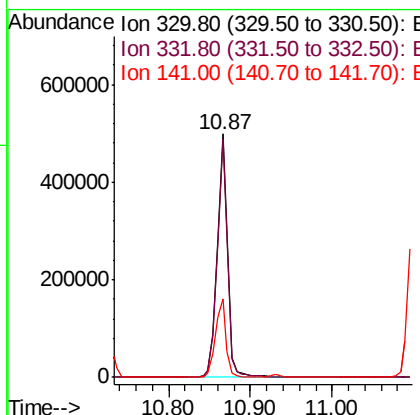
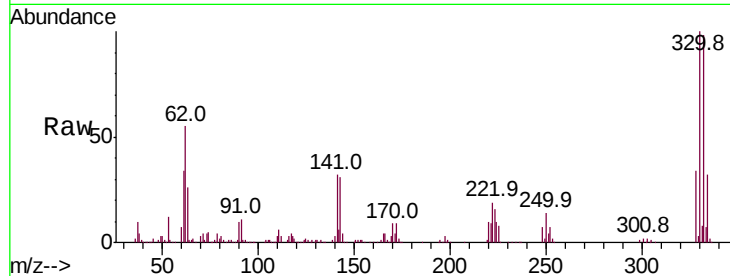
#41
 2,4,6-Tribromophenol
 Concen: 87.764 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	32.5	29.9	44.9	

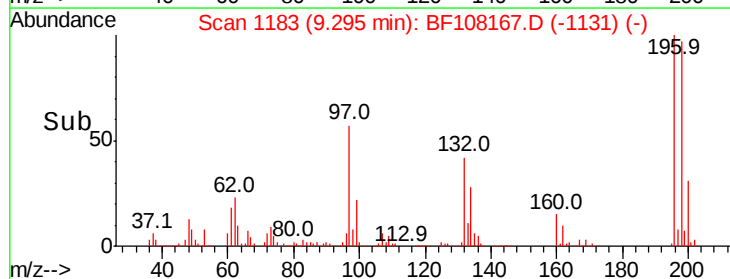
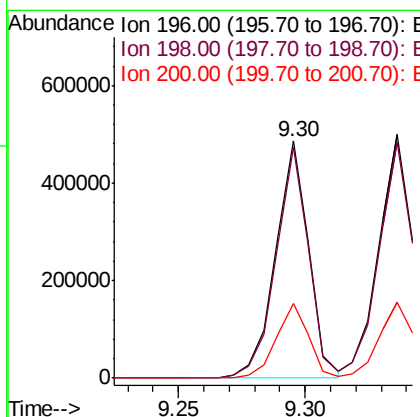
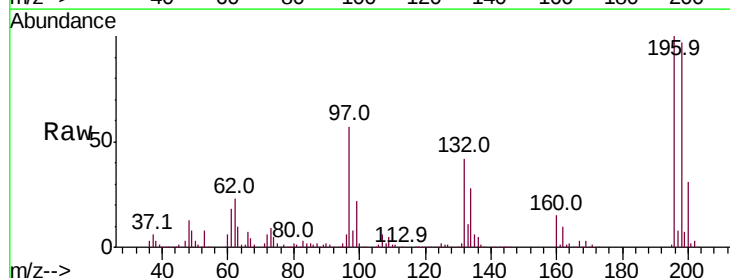
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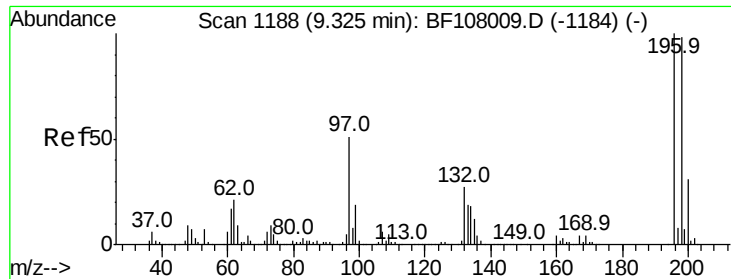
Sohil
 8/16/2018 5:27:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.943 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.4	75.7	113.5	
200	31.5	24.5	36.7	





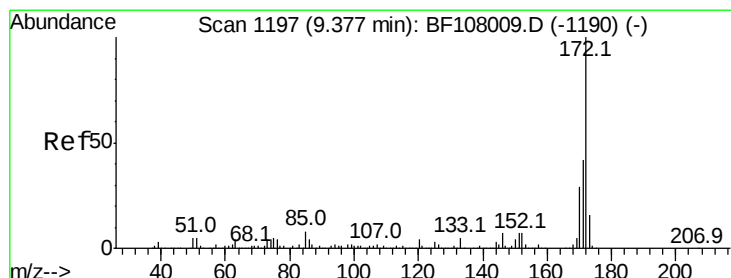
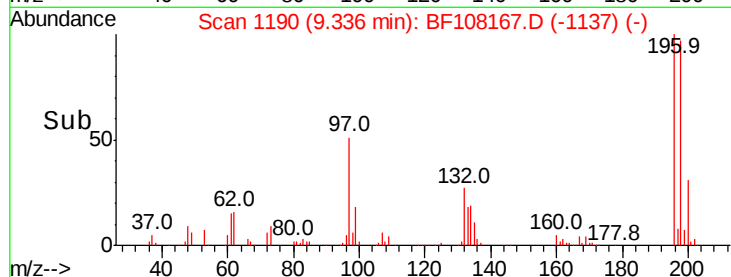
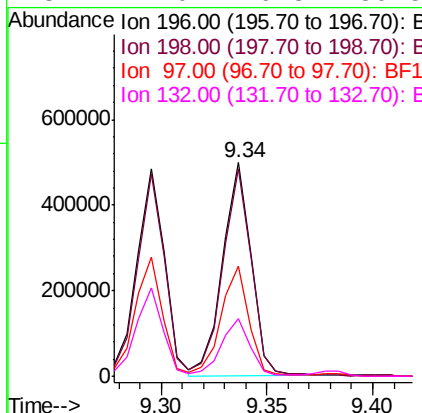
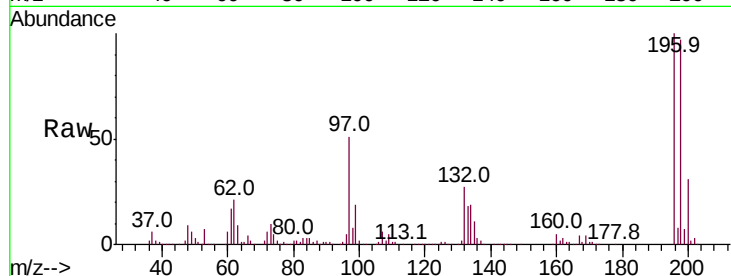
#43
 2,4,5-Trichlorophenol
 Concen: 42.951 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	196	Resp:	466874
Ion Ratio	Lower	Upper	
196	100		
198	97.0	74.6	112.0
97	51.3	42.9	64.3
132	27.0	26.3	39.5

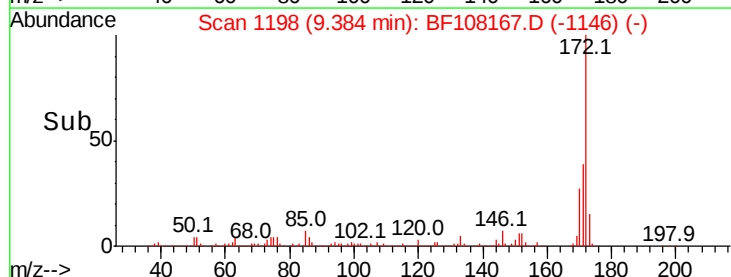
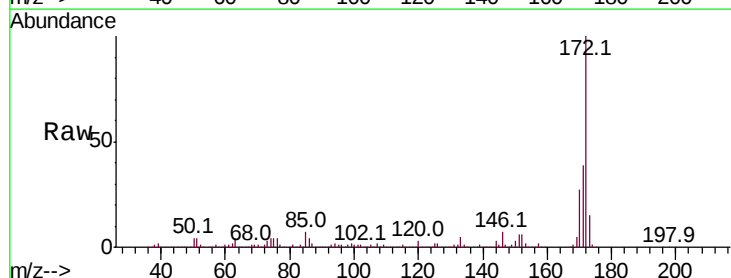
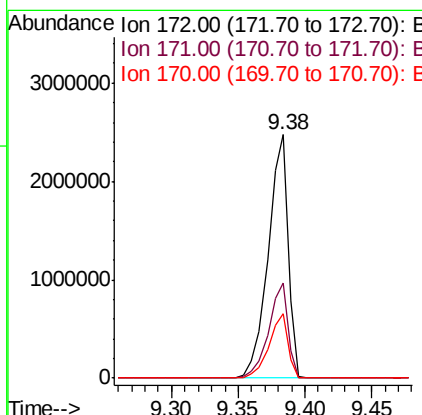
Manual Integrations
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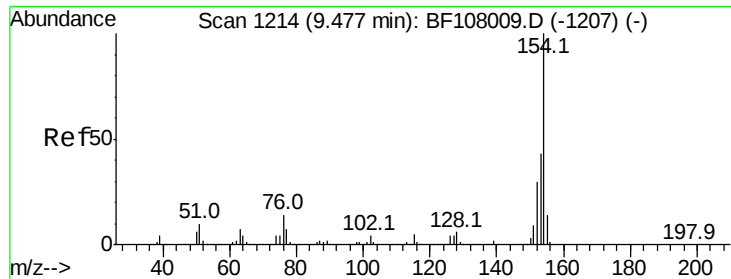
Sohil
 8/16/2018 5:27:00 PM



#44
 2-Fluorobiphenyl
 Concen: 79.603 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:	172	Resp:	2569181
Ion Ratio	Lower	Upper	
172	100		
171	39.1	29.7	44.5
170	26.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.920 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1563325

Ion Ratio Lower Upper

154 100

153 42.0 21.3 61.3

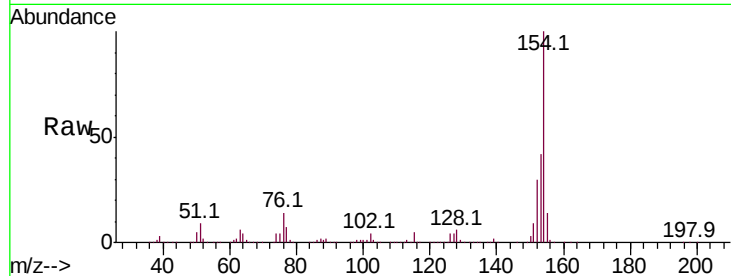
76 14.3 0.0 34.0

Manual Integrations

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Sohil

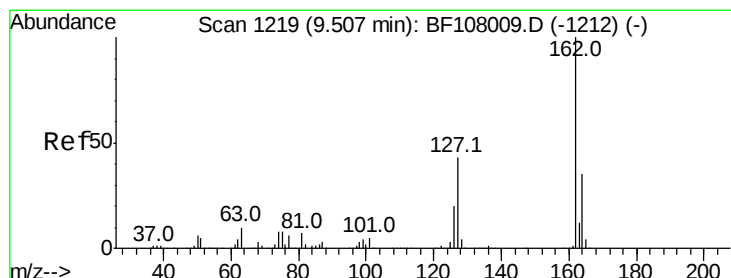
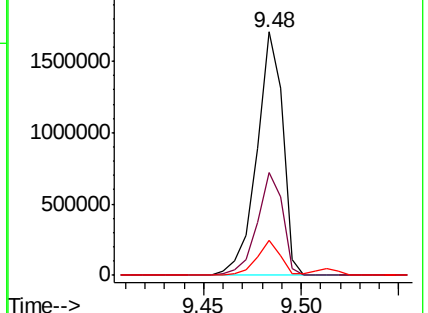
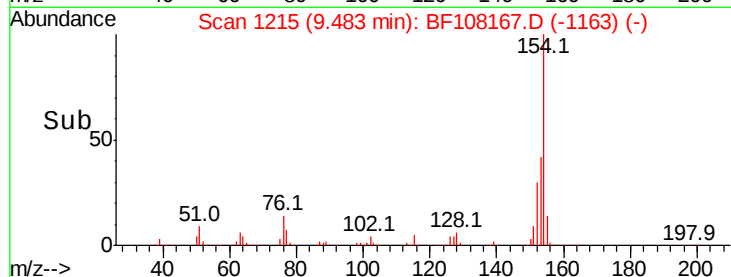
8/16/2018 5:27:00 PM



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: 41.142 ng

RT: 9.51 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

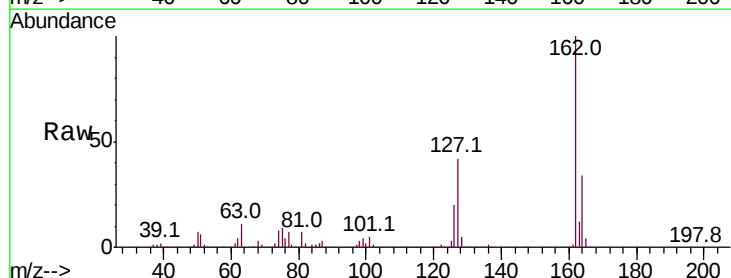
Tgt Ion:162 Resp: 1242287

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

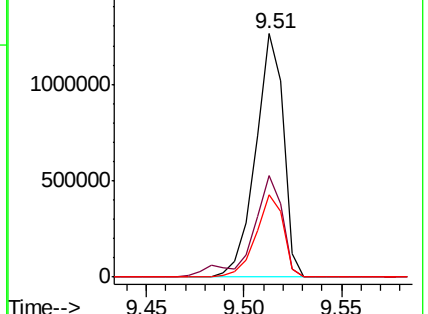
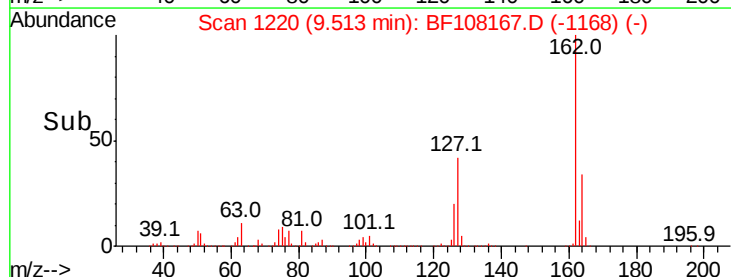
164 33.7 26.5 39.7

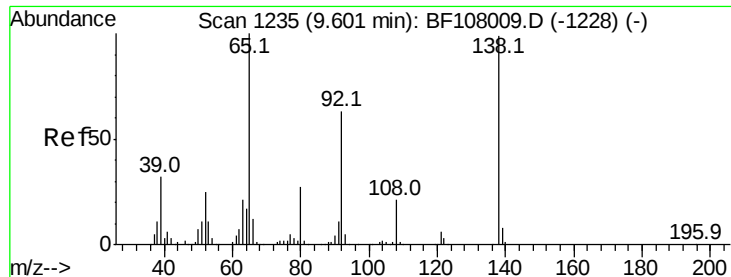


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





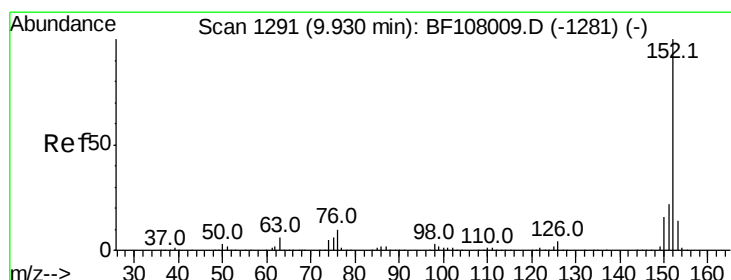
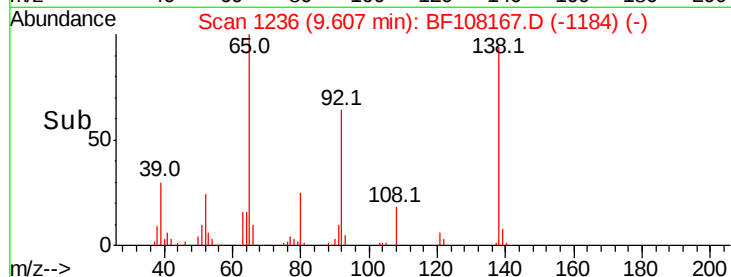
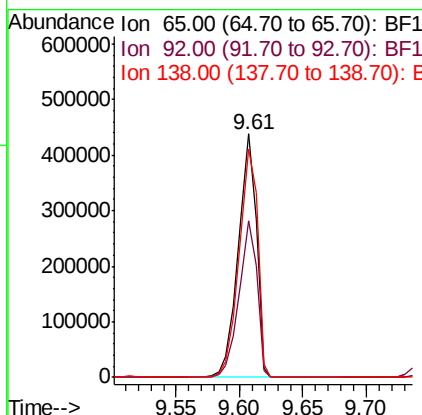
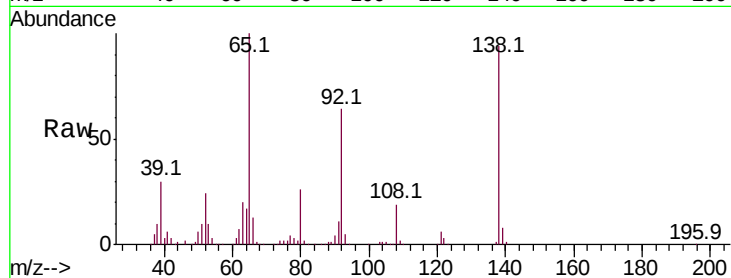
#47
2-Nitroaniline
Concen: 43.729 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	55.8	83.6
138	93.9	91.2	136.8

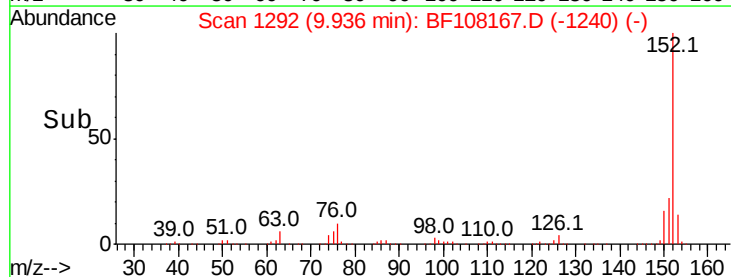
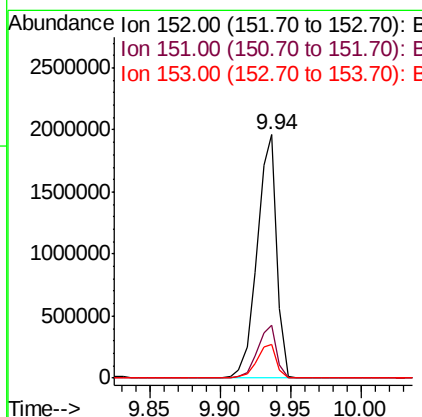
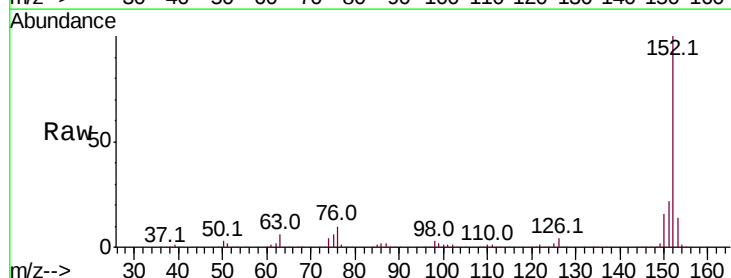
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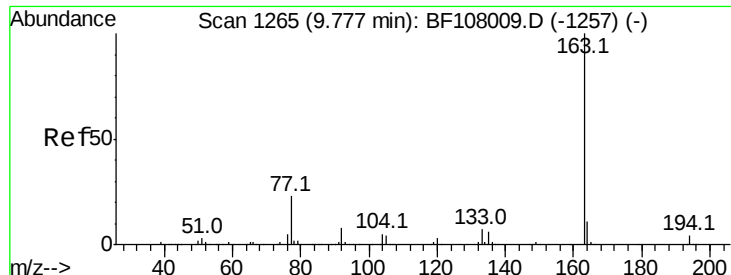
Sohil
8/16/2018 5:27:00 PM



#48
Acenaphthylene
Concen: 40.235 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	14.0	10.7	16.1





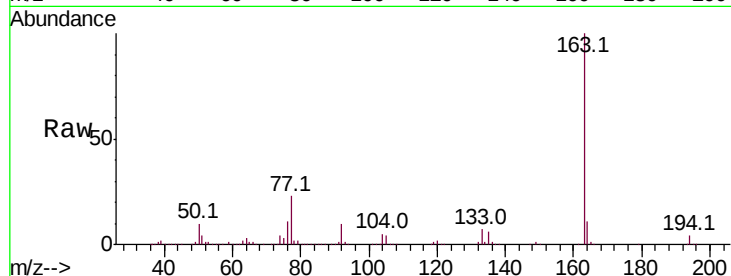
#49
Dimethylphthalate
Concen: 40.469 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

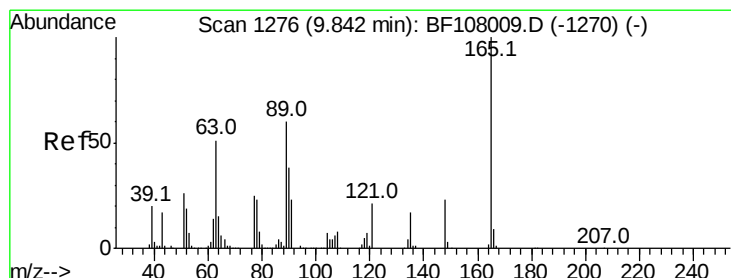
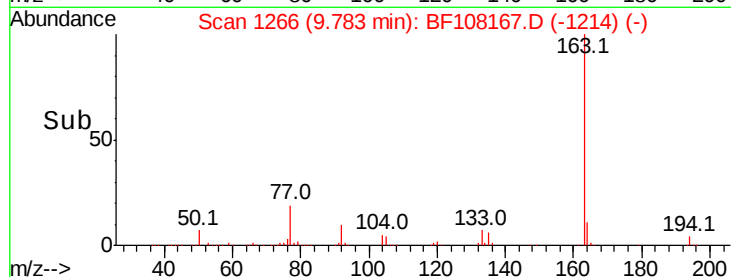
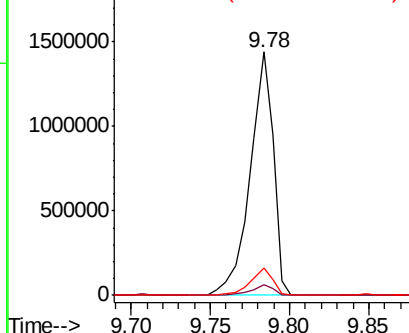
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.1	8.2	12.2

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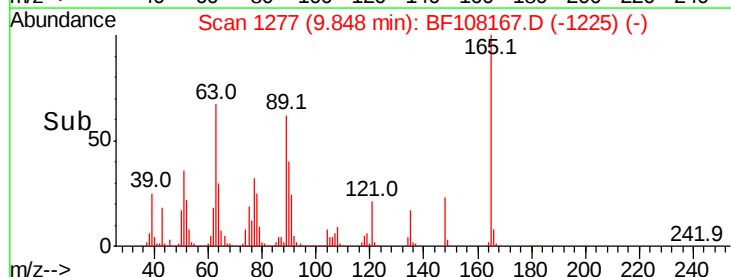
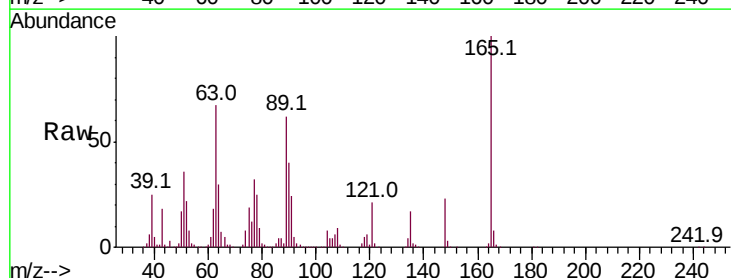
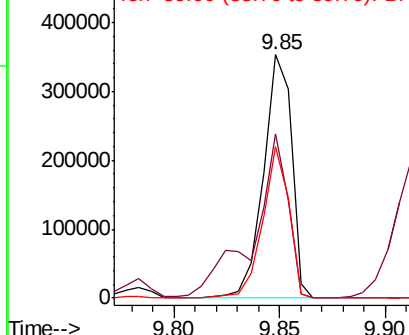
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.342 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.5	44.7	67.1#
89	62.3	44.0	66.0

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





#51

Acenaphthene

Concen: 40.719 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1190548

Ion Ratio Lower Upper

154 100

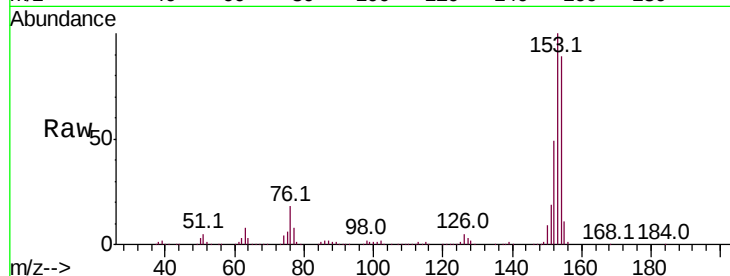
153 112.8 91.2 136.8

152 55.5 43.8 65.8

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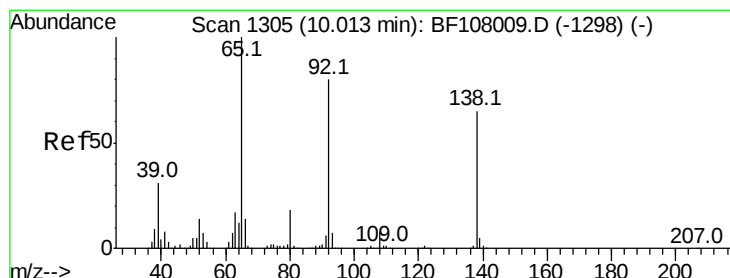
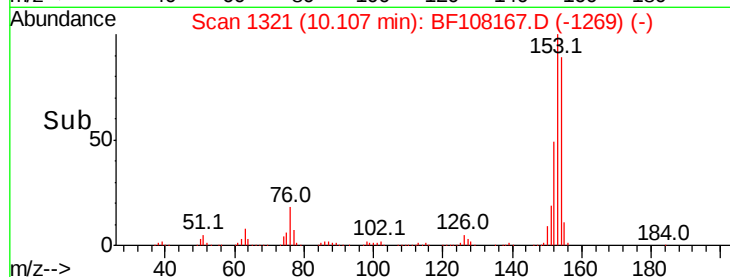
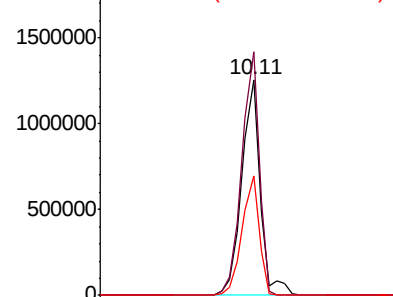
8/16/2018 5:27:00 PM



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: 41.324 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

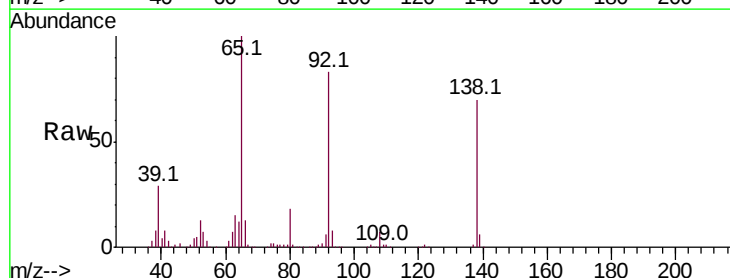
Tgt Ion:138 Resp: 341436

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

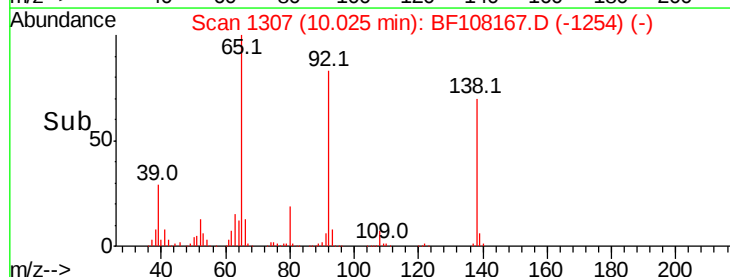
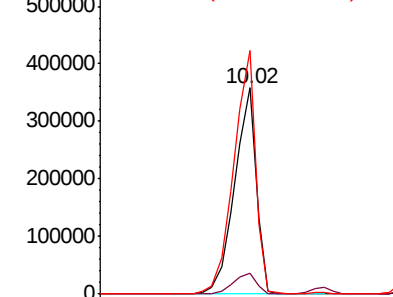
92 118.0 89.4 134.2

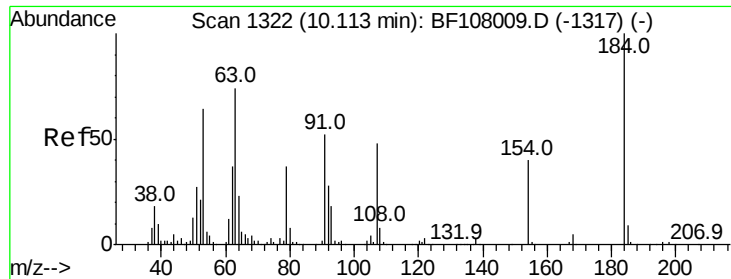


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





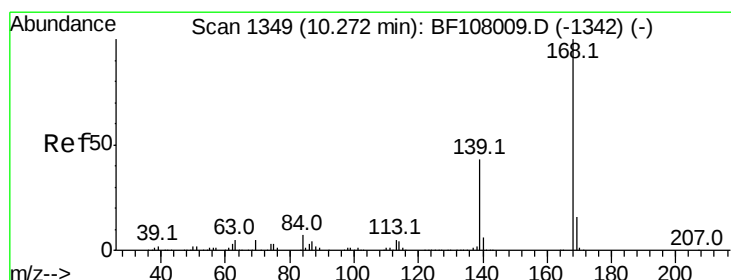
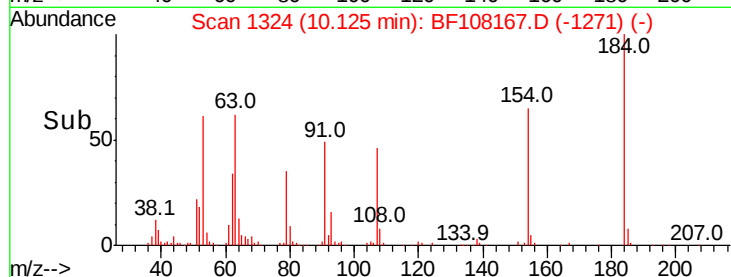
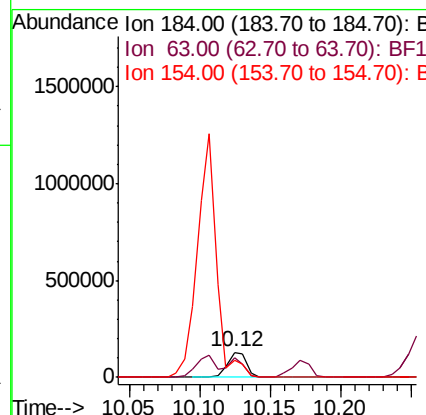
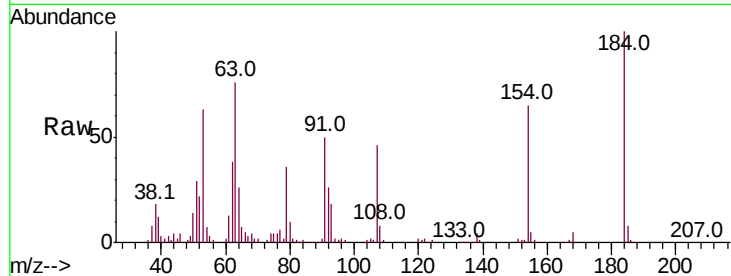
#53
 2,4-Dinitrophenol
 Concen: 46.893 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.4	54.2	81.2
154	65.4	184.0	276.0#

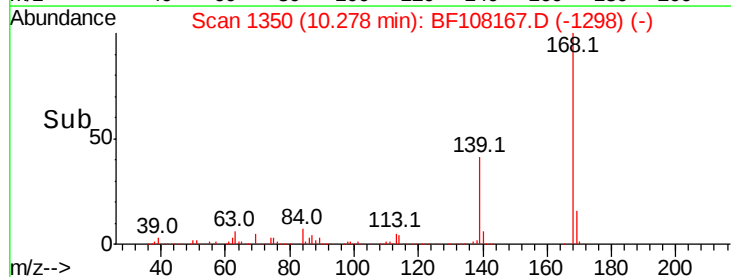
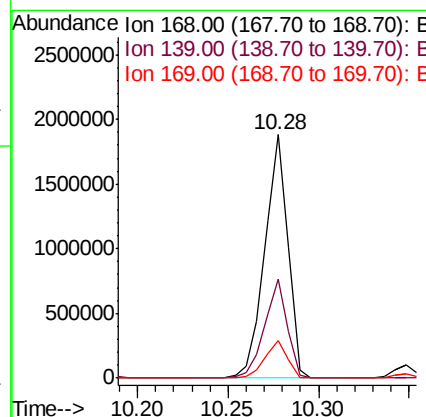
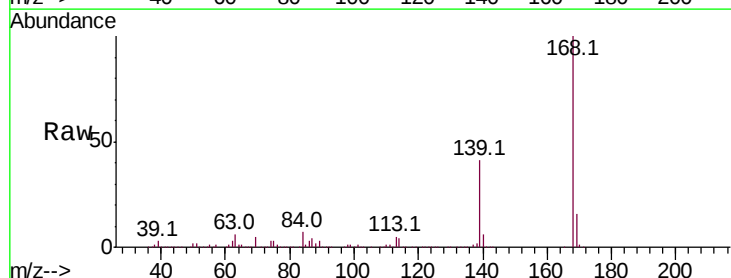
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#54
 Dibenzofuran
 Concen: 39.574 ng
 RT: 10.28 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.1	45.1
169	15.5	10.9	16.3





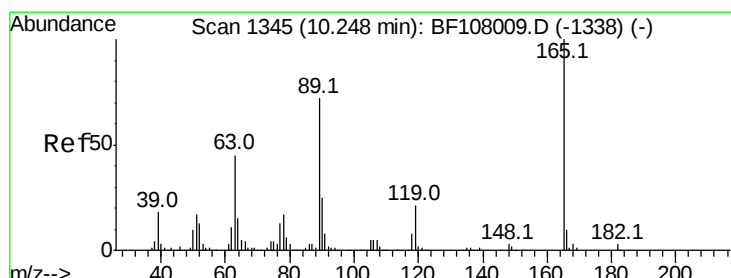
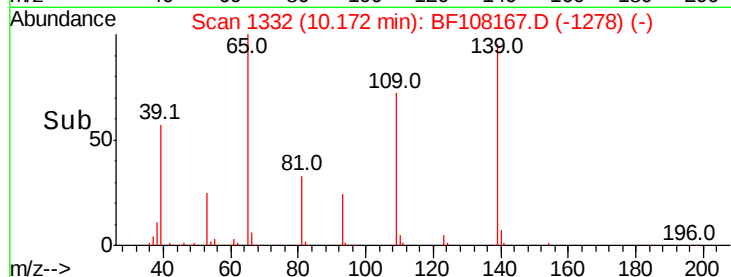
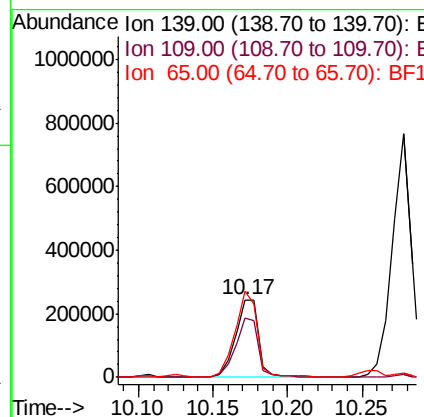
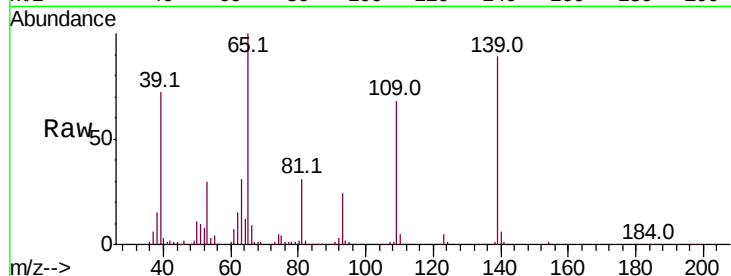
#55
4-Nitrophenol
Concen: 43.005 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.3	48.4	88.4
65	112.1	72.6	112.6

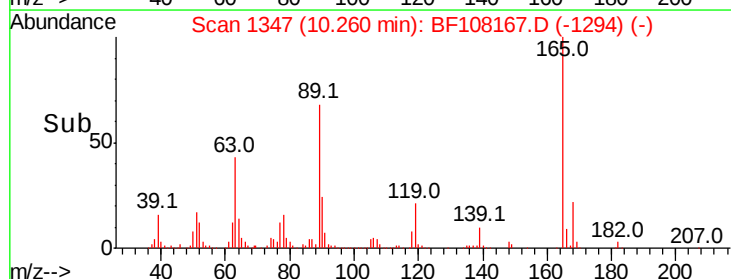
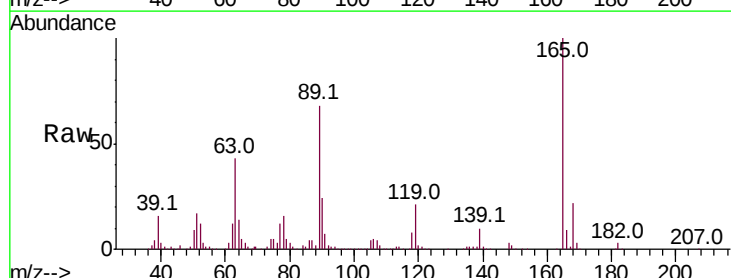
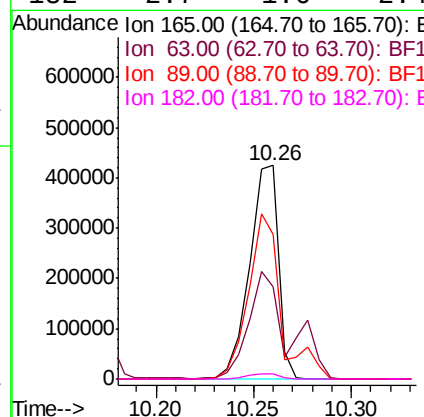
Manual Integrations
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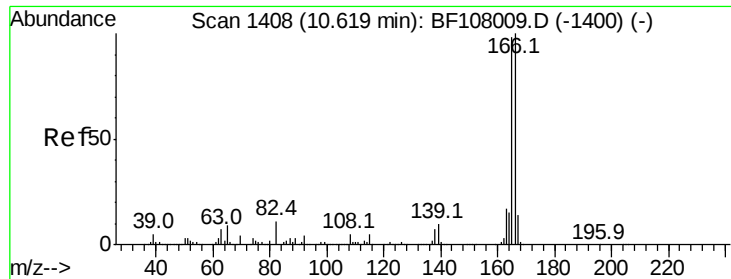
Sohil
8/16/2018 5:27:00 PM



#56
2,4-Dinitrotoluene
Concen: 44.810 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	36.4	54.6
89	67.6	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 39.868 ng

RT: 10.62 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1336873

Ion Ratio Lower Upper

166 100

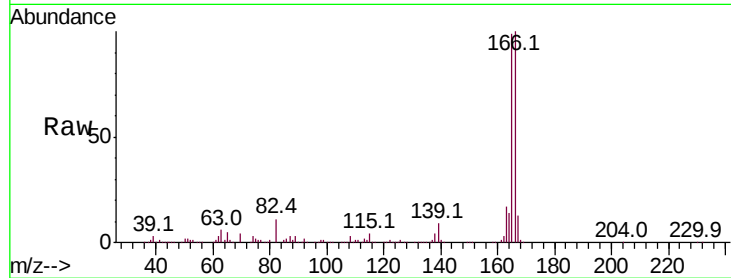
165 99.2 79.8 119.8

167 13.5 10.6 16.0

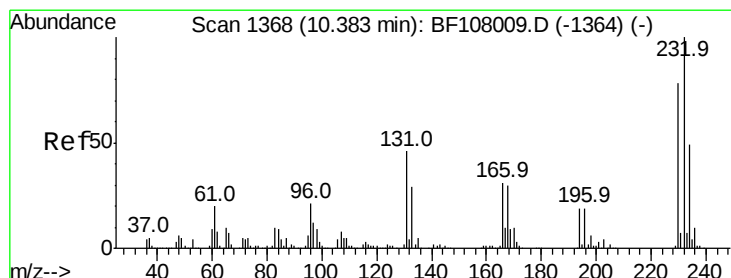
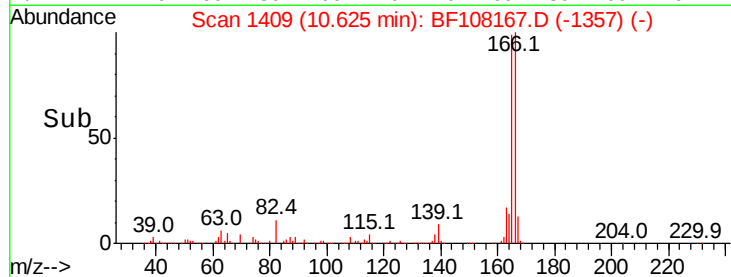
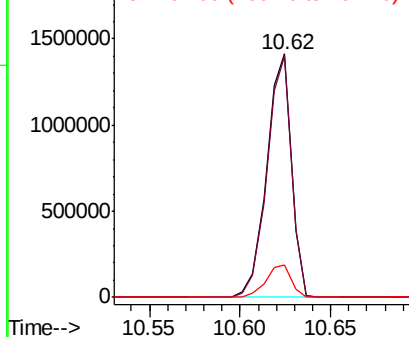
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.744 ng

RT: 10.40 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Tgt Ion:232 Resp: 397426

Ion Ratio Lower Upper

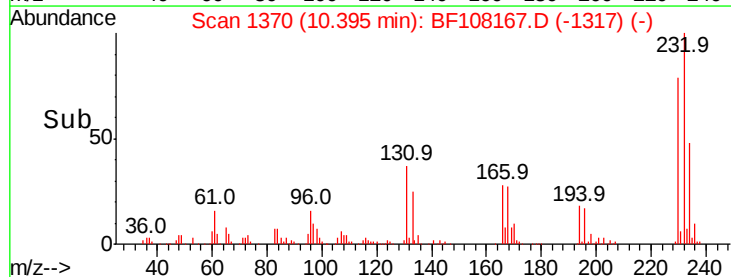
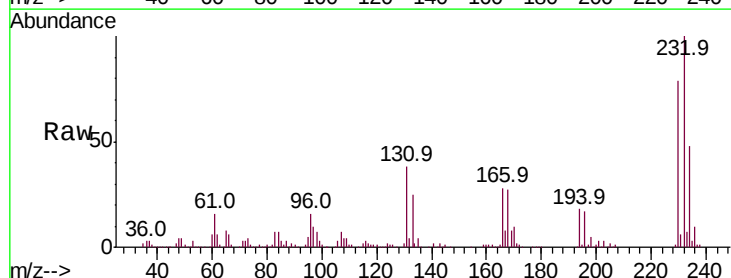
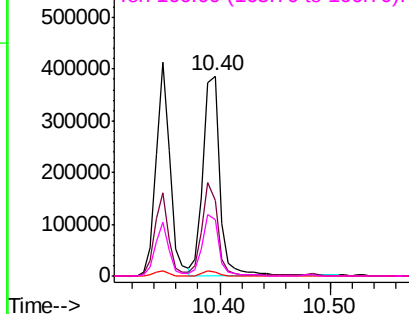
232 100

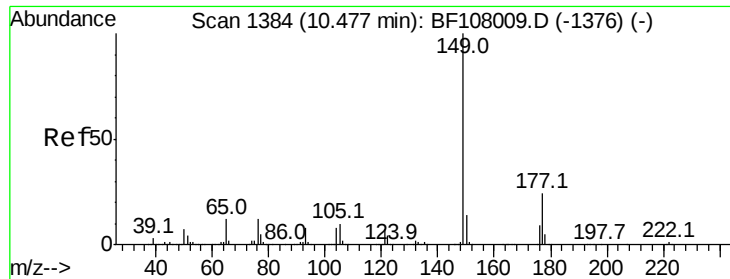
131 43.4 43.8 65.8#

130 2.2 2.1 3.1

166 29.8 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





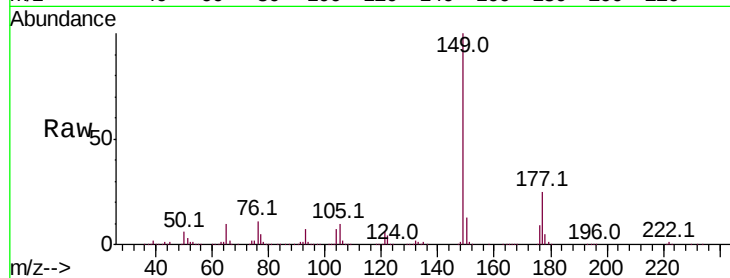
#59
Diethylphthalate
Concen: 39.796 ng
RT: 10.48 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.1	24.1#
150	13.1	10.1	15.1

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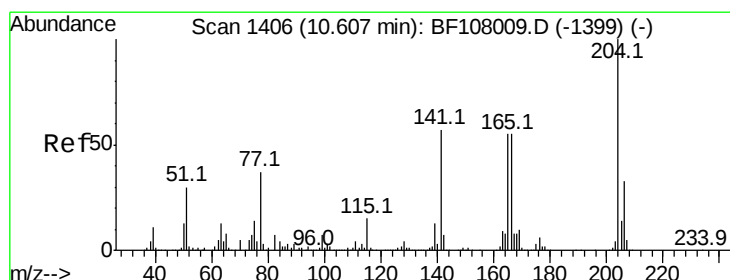
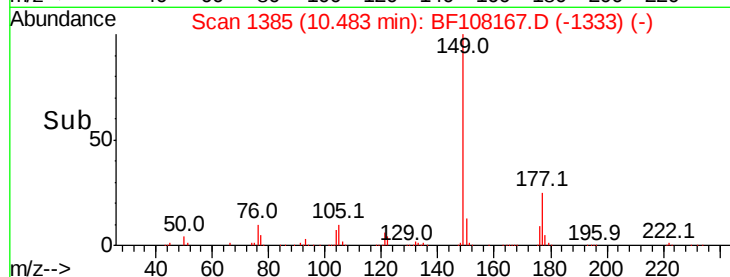
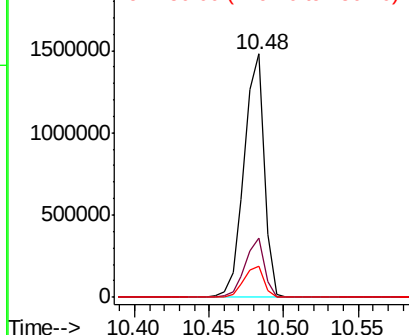


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 39.666 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

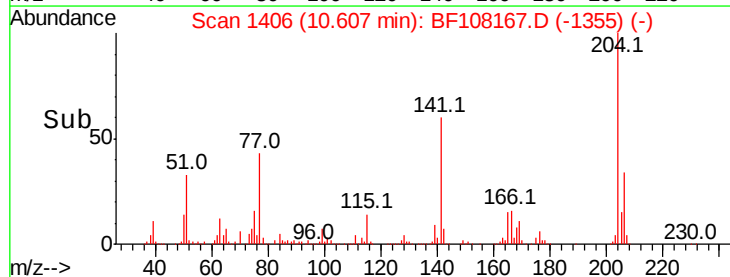
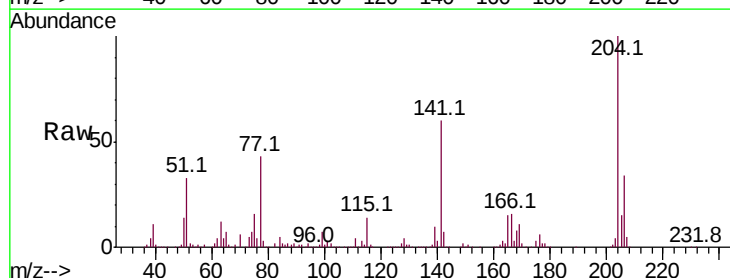
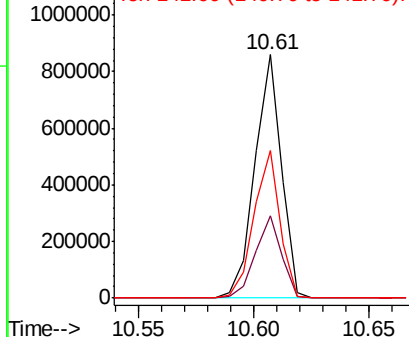
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.5	39.7
141	60.5	54.6	81.8

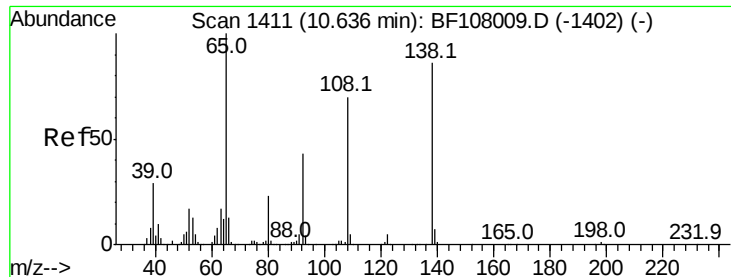
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





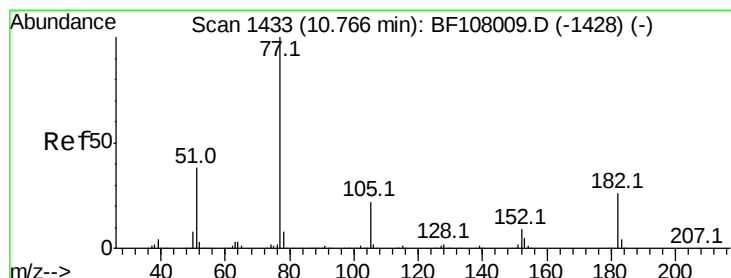
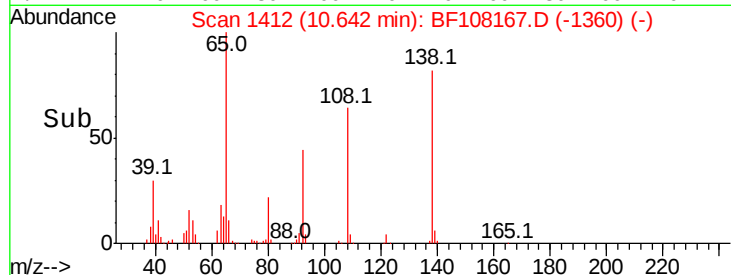
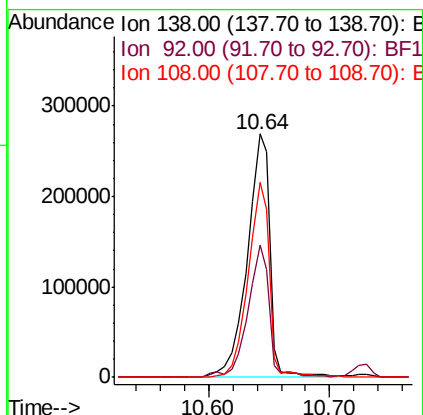
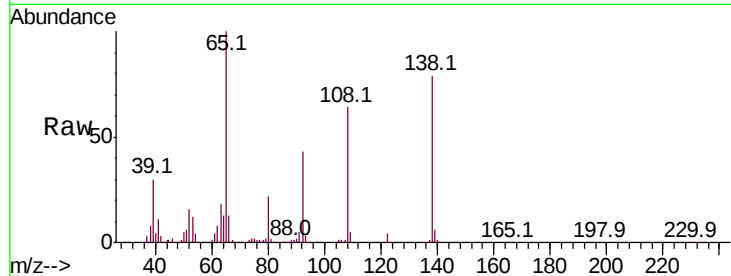
#61
4-Nitroaniline
Concen: 43.234 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	30.2	70.2
108	80.2	52.5	92.5

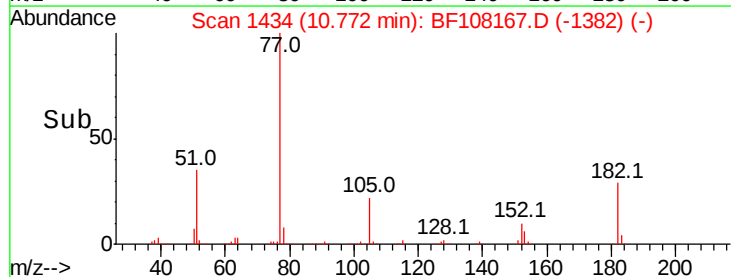
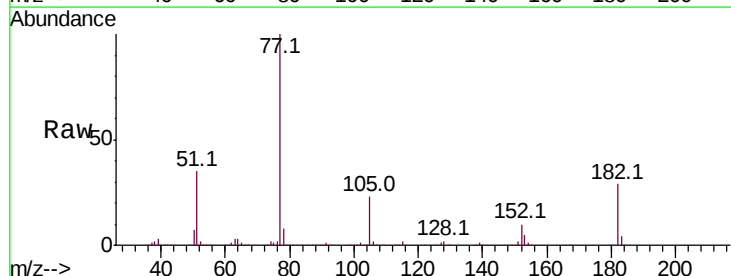
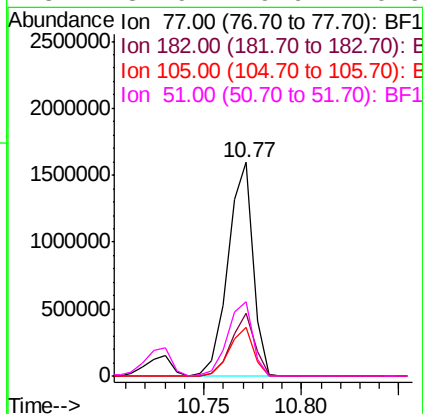
Manual Integrations
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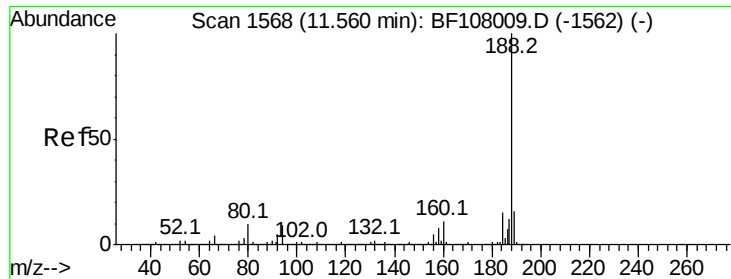
Sohil
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#62
Azobenzene
Concen: 39.099 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	1.7	41.7
105	22.7	3.0	43.0
51	34.9	9.9	49.9





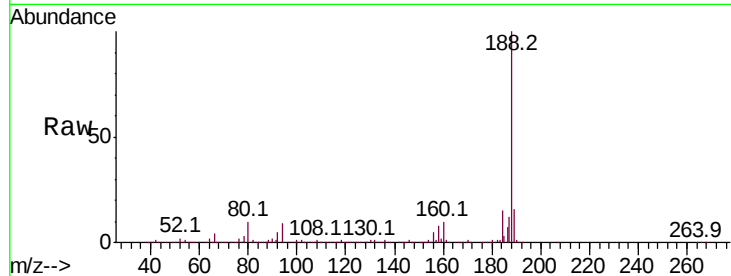
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.1	9.2	13.8

Manual Integrations
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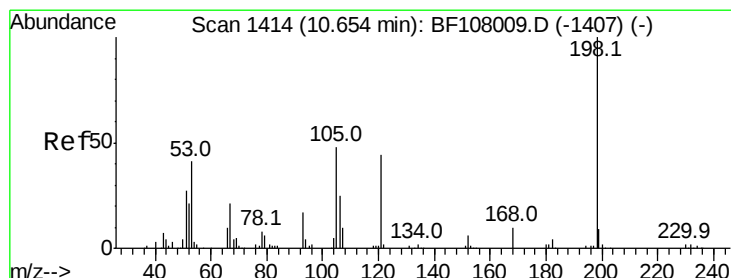
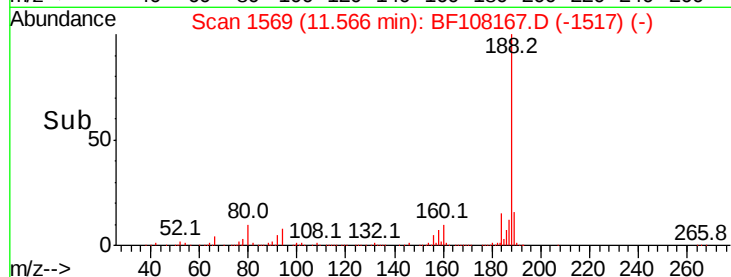
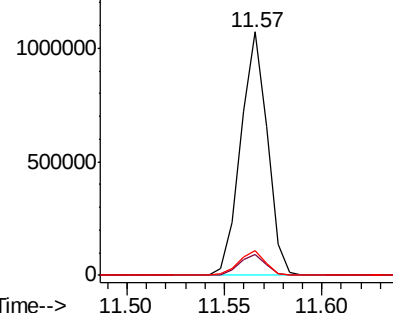
Sohil
8/16/2018 5:27:00 PM



Abundance Ion 188.00 (187.70 to 188.70): E

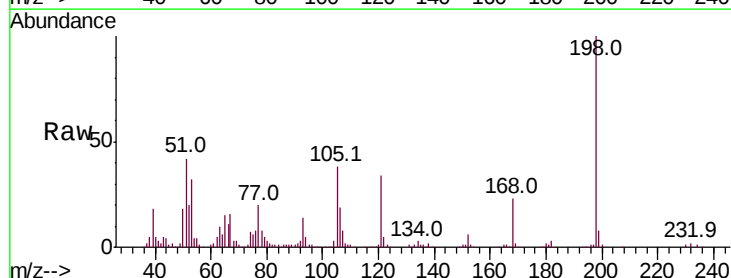
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 45.628 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

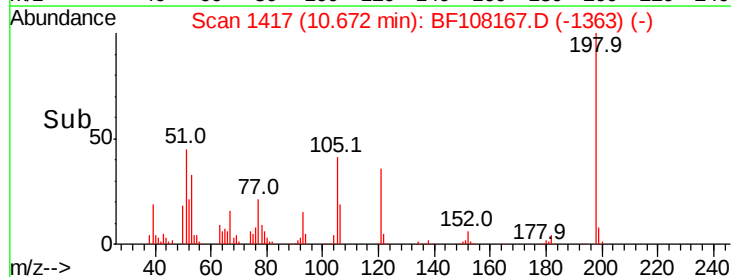
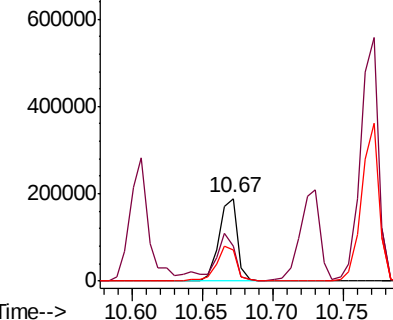
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.0	37.7	77.7
105	38.4	36.3	76.3

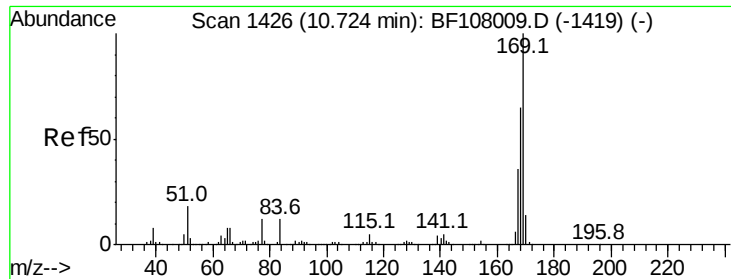


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





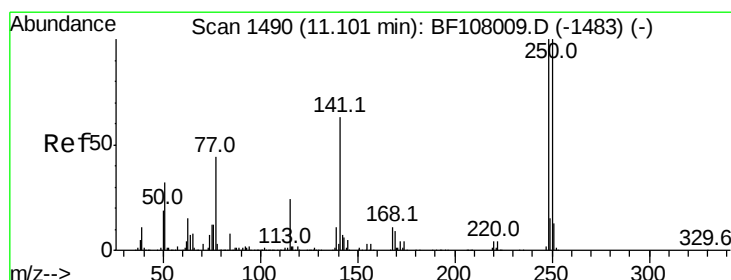
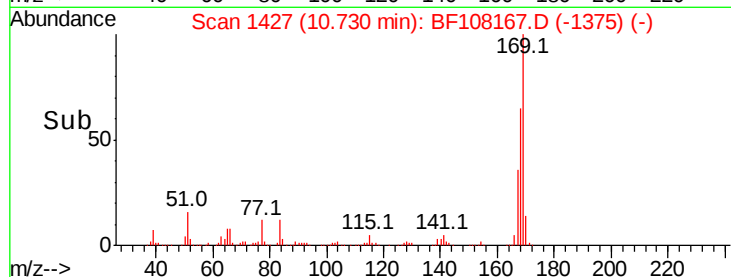
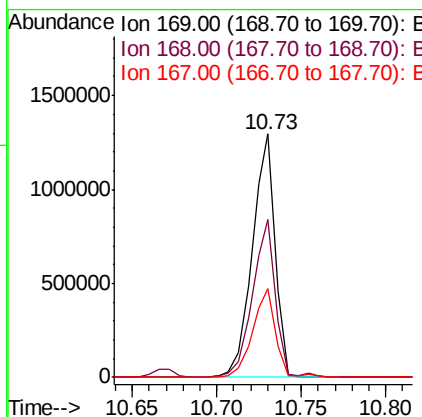
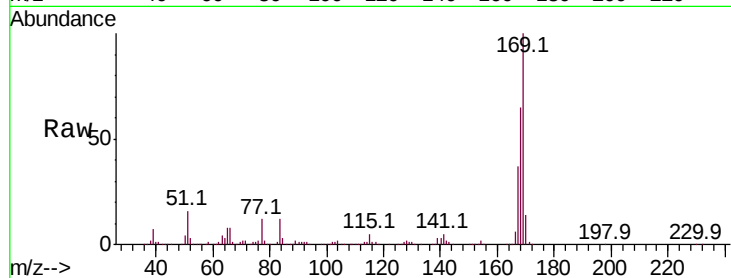
#65
n-Nitrosodiphenylamine
Concen: 40.893 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.1	54.4	81.6
167	36.5	29.8	44.6

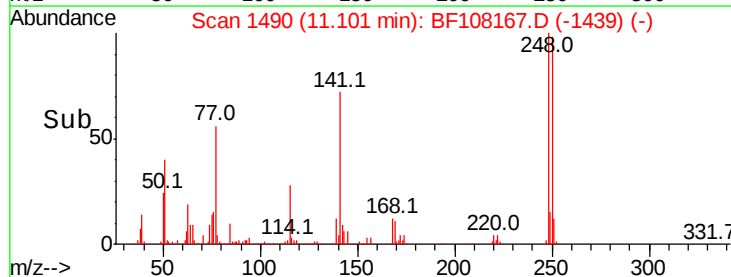
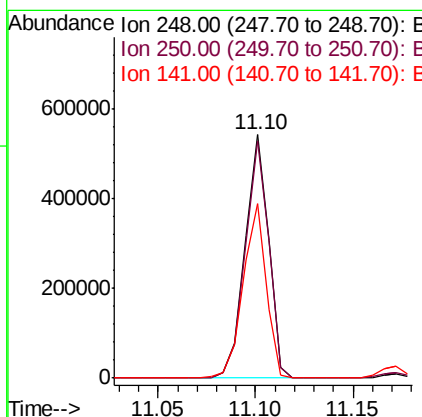
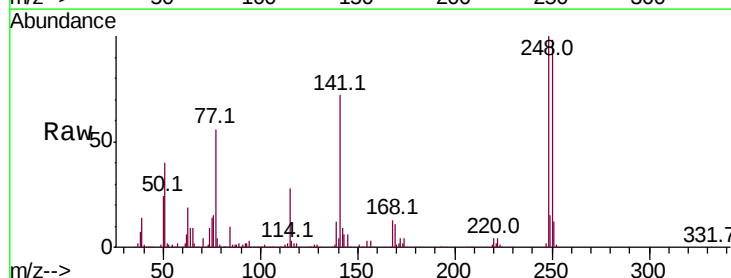
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 41.165 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	71.8	74.4	111.6#





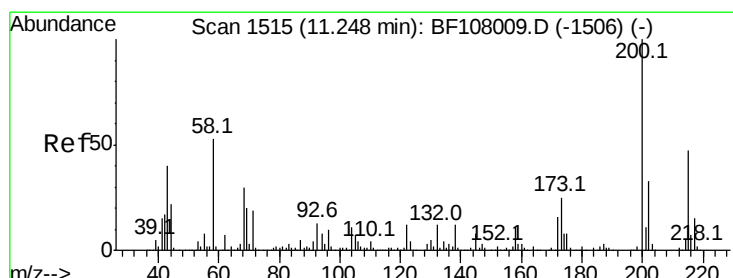
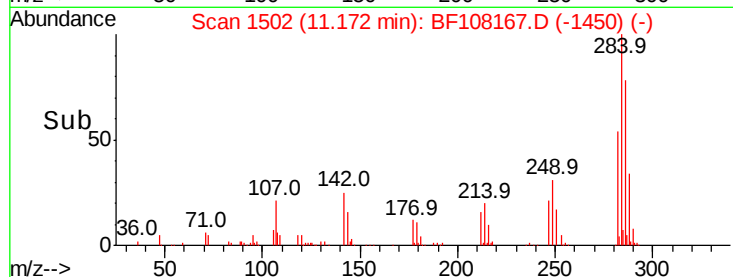
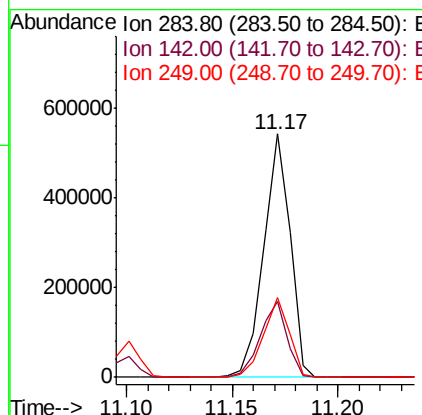
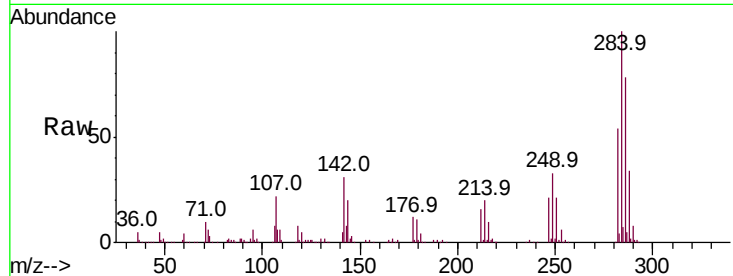
#67
Hexachlorobenzene
Concen: 40.946 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.2	34.6	52.0	
249	33.0	24.8	37.2	

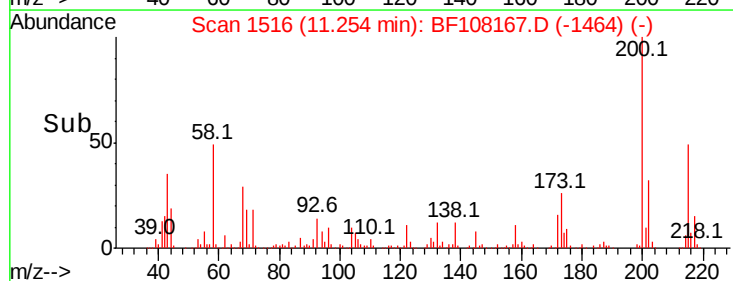
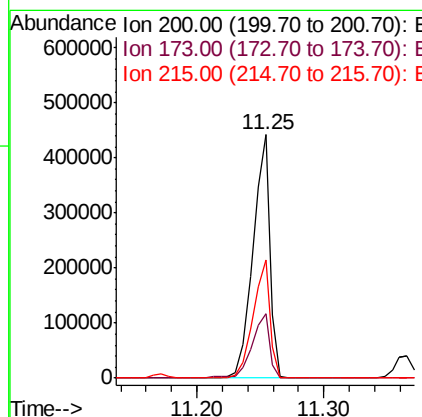
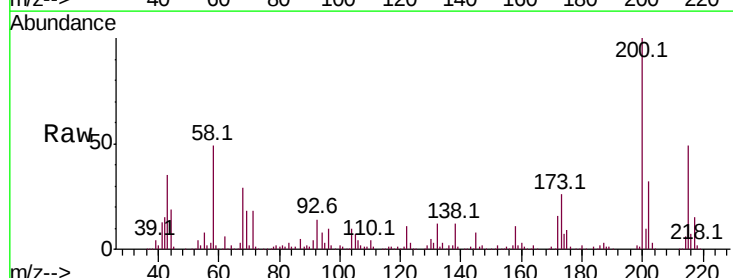
Manual Integrations
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#68
Atrazine
Concen: 41.267 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.2	8.6	48.6	
215	48.7	25.1	65.1	





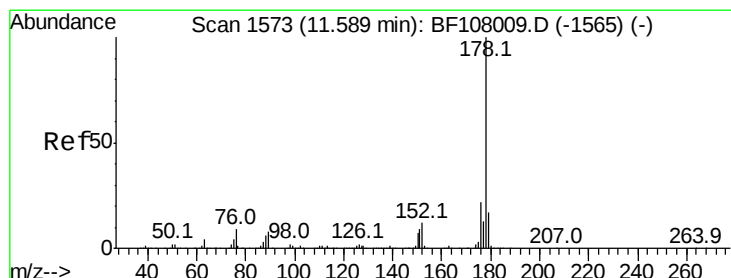
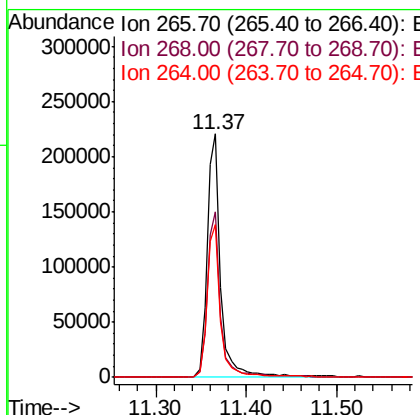
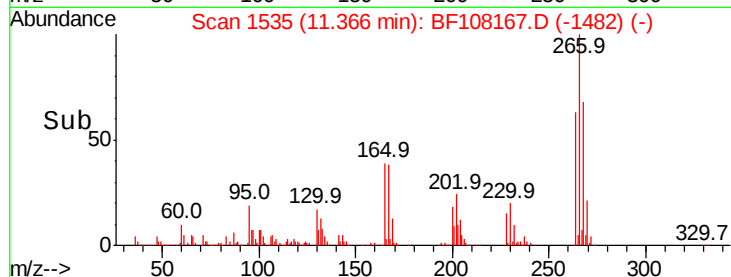
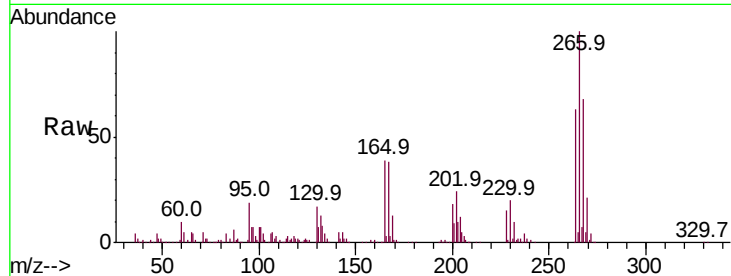
#69
 Pentachlorophenol
 Concen: 42.121 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	233168		
268	67.7	51.1	76.7	
264	62.5	49.5	74.3	

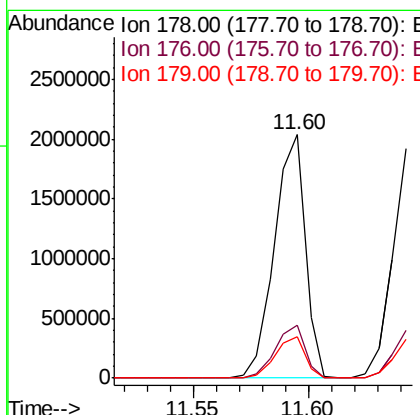
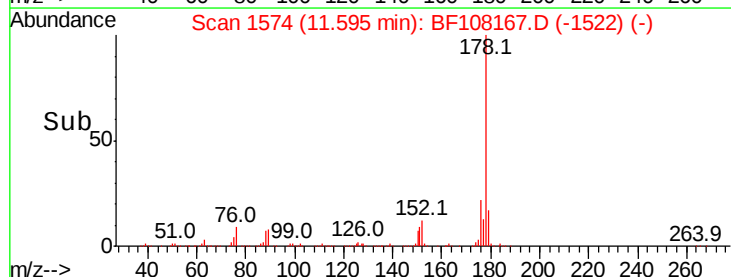
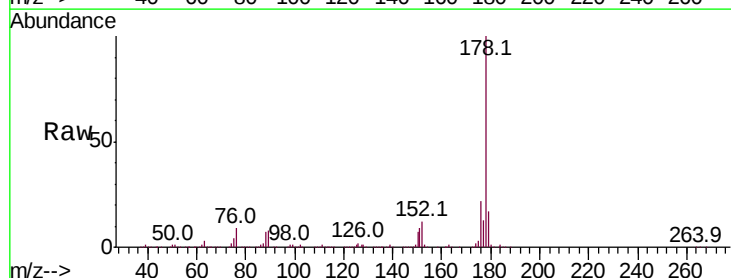
Manual Integrations
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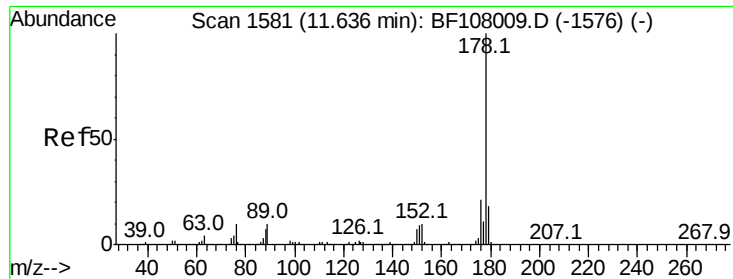
Sohil
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#70
 Phenanthrene
 Concen: 39.528 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1885756		
176	21.6	15.8	23.8	
179	16.9	13.0	19.6	





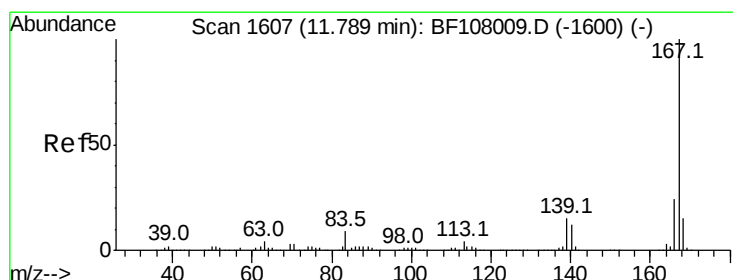
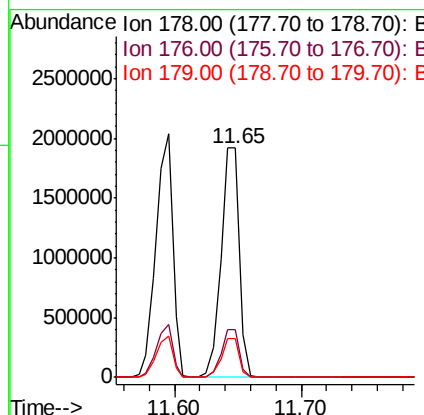
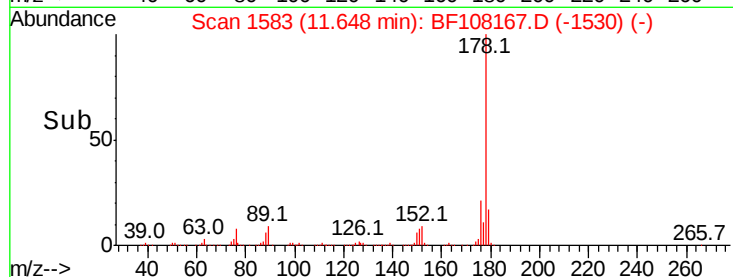
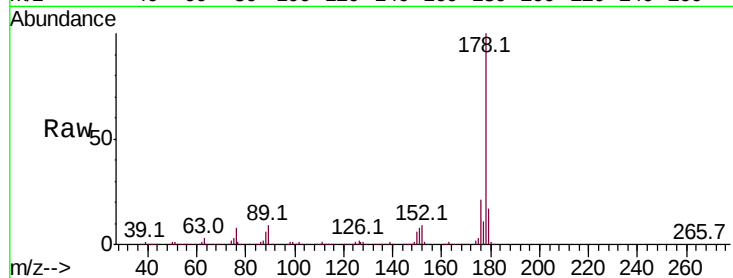
#71
 Anthracene
 Concen: 39.712 ng
 RT: 11.65 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1941771
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.7 12.6 19.0

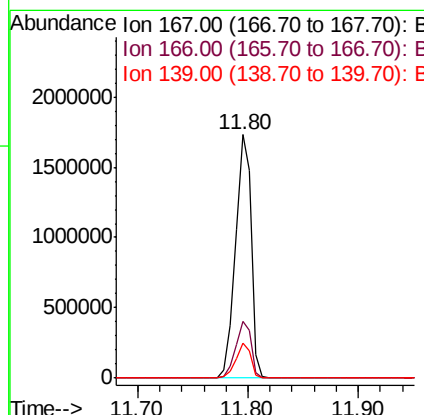
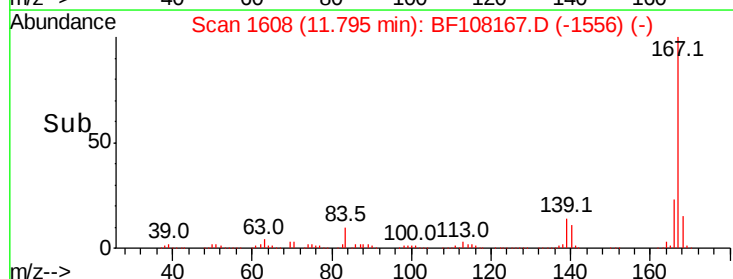
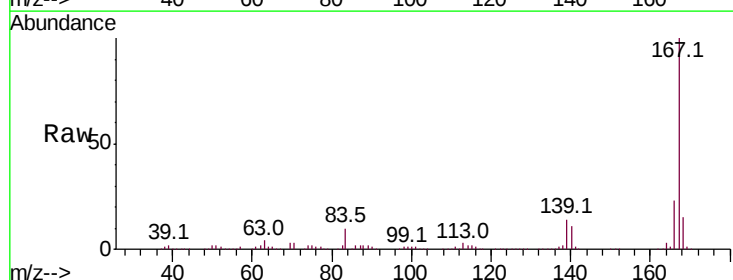
Manual Integrations
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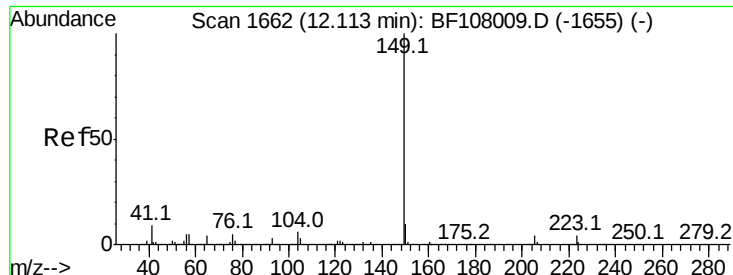
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#72
 Carbazole
 Concen: 39.931 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion:167 Resp: 1734725
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 14.4 10.9 16.3





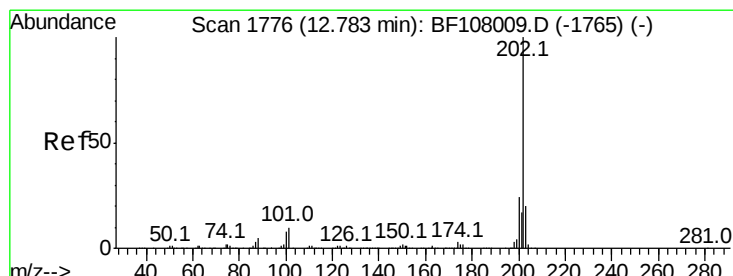
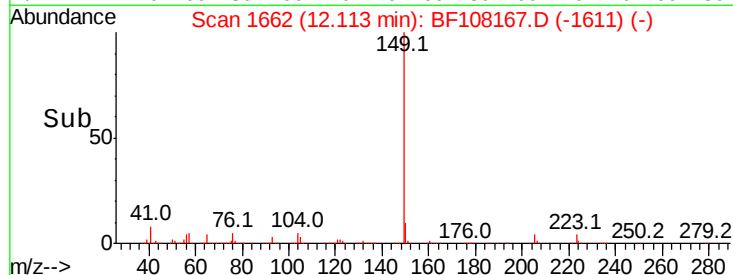
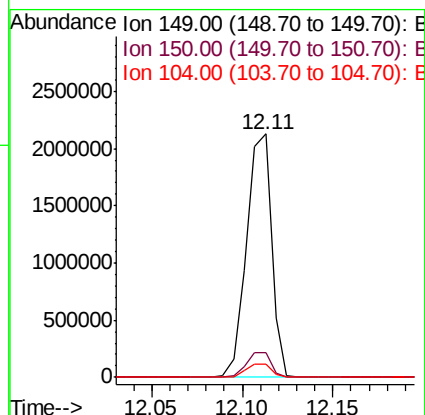
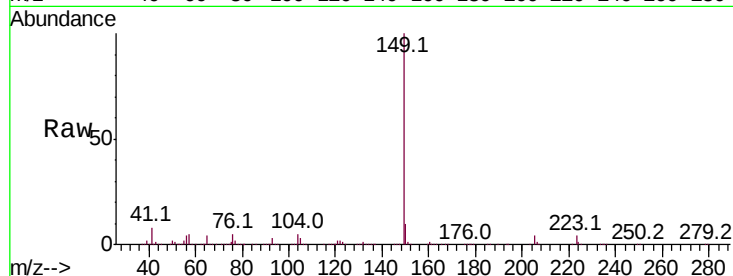
#73
Di-n-butylphthalate
Concen: 41.535 ng
RT: 12.11 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.6
104	5.4	3.8	5.8

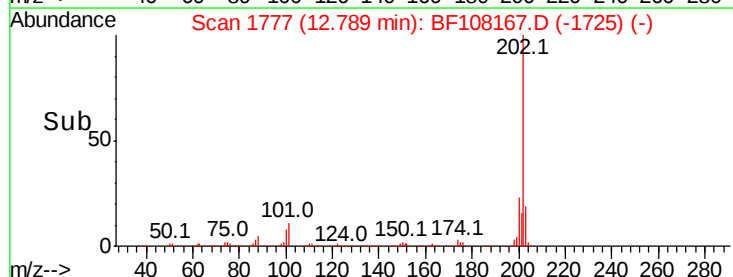
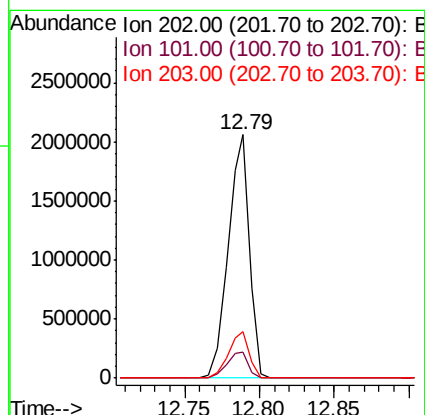
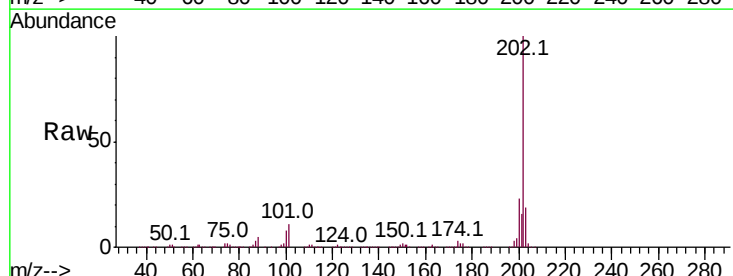
Manual Integrations
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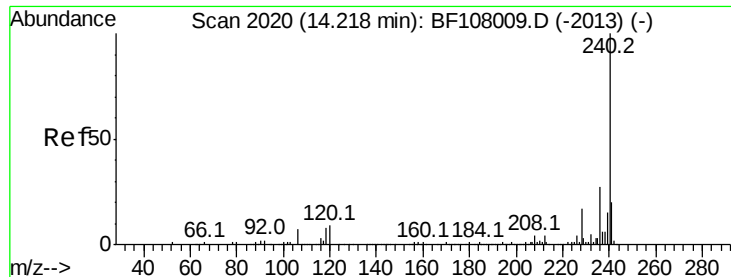
Sohil
8/16/2018 5:27:00 PM



#74
Fluoranthene
Concen: 39.565 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	19.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.23 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

Instrument :

BNA_F

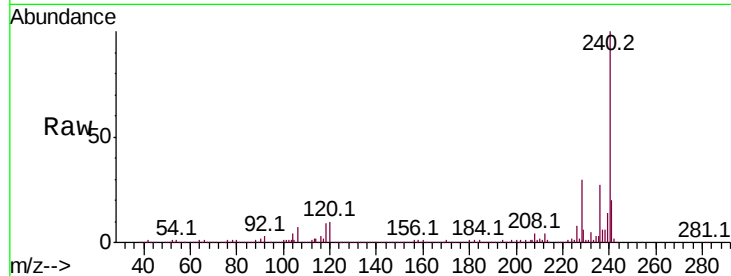
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	27.0	20.7	31.1

Manual Integrations
APPROVED

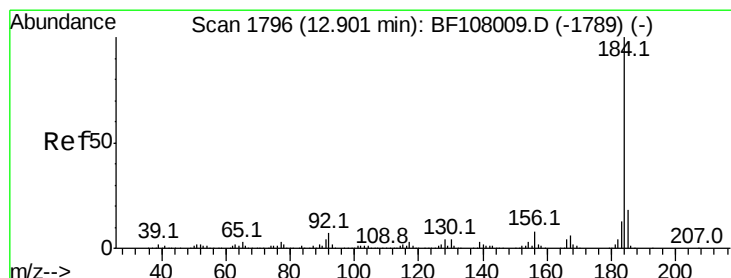
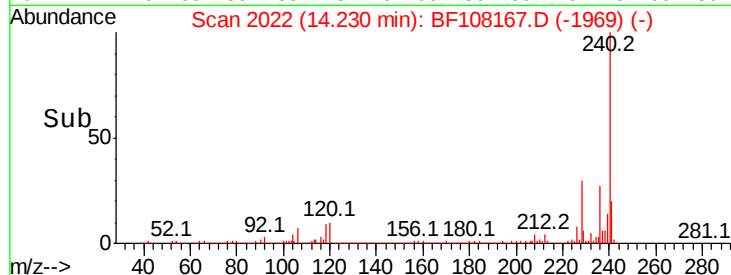
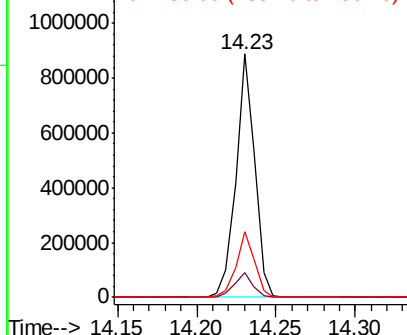
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.550 ng

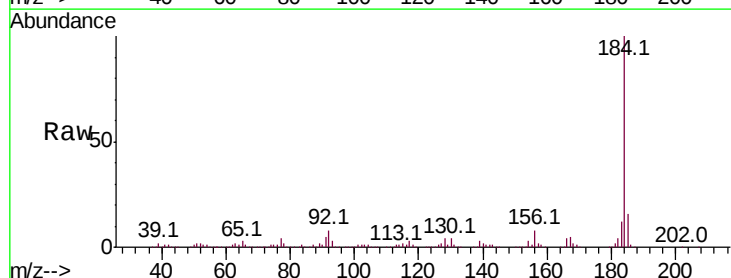
RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108167.D

Acq: 15 Aug 2018 16:01

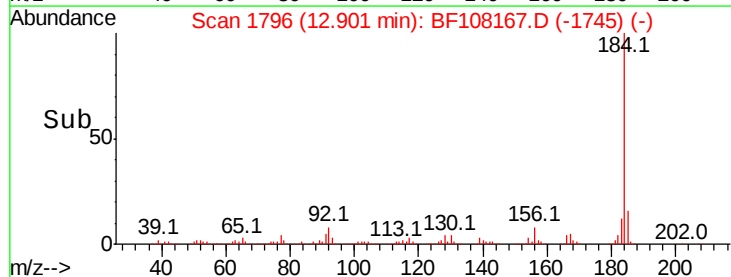
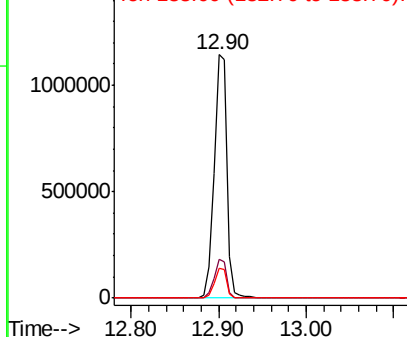
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.6	18.8
183	12.4	9.3	13.9



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





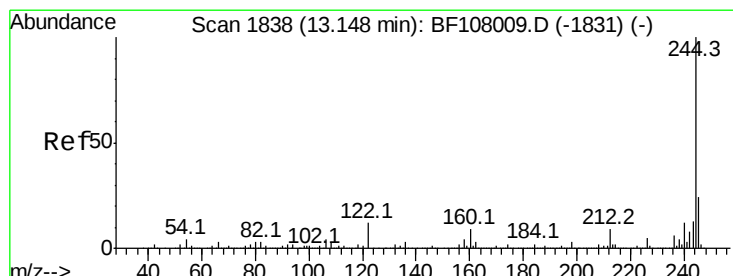
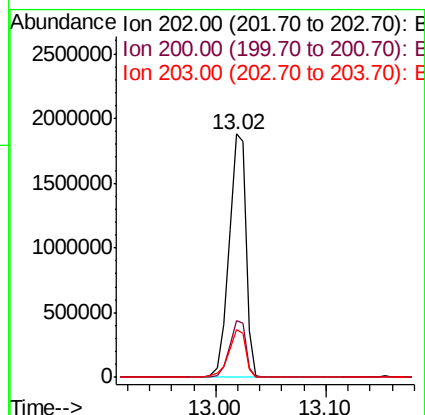
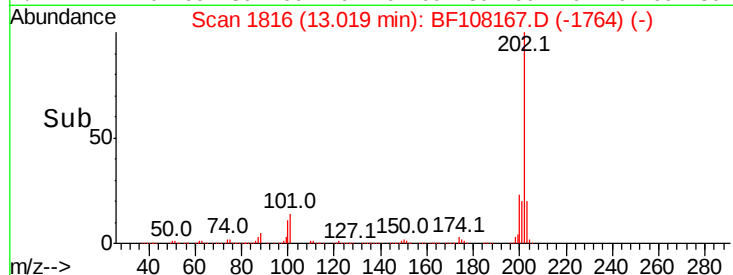
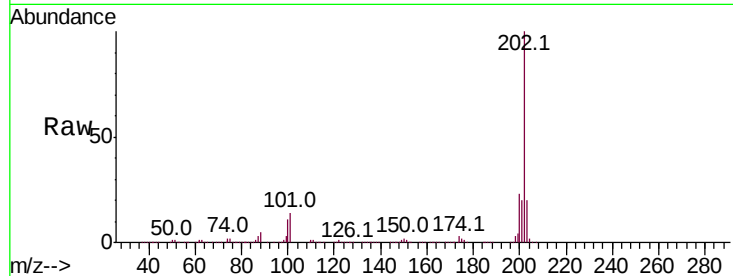
#77
Pvrene
Concen: 43.748 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	19.6	14.3	21.5

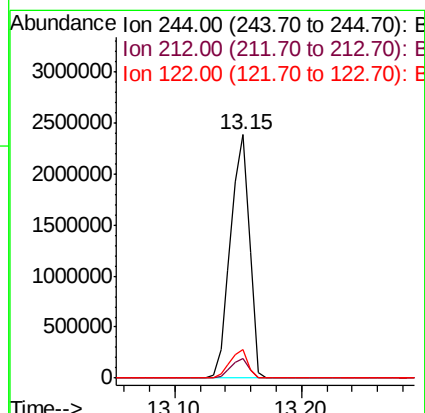
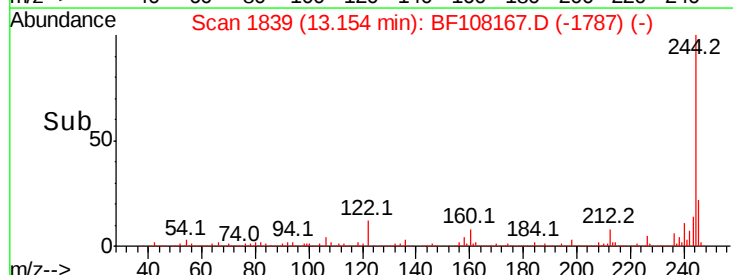
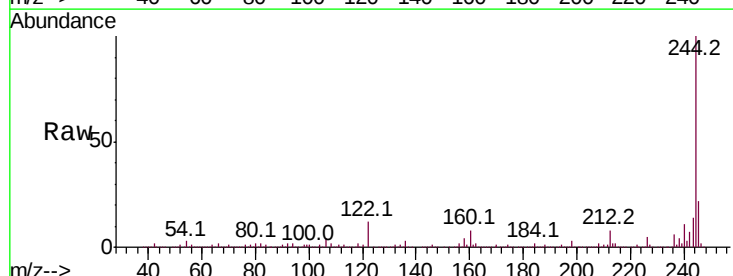
Manual Integrations
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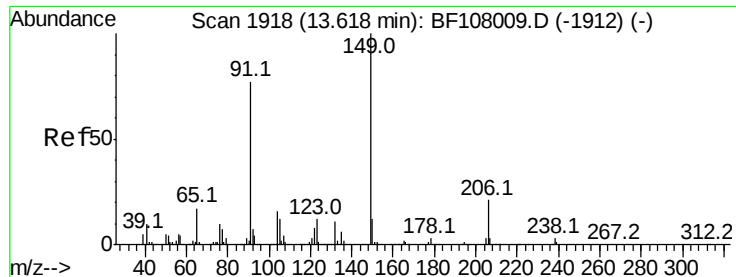
Sohil
8/16/2018 5:27:00 PM



#78
Terphenyl-d14
Concen: 85.877 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	11.6	11.0	16.4





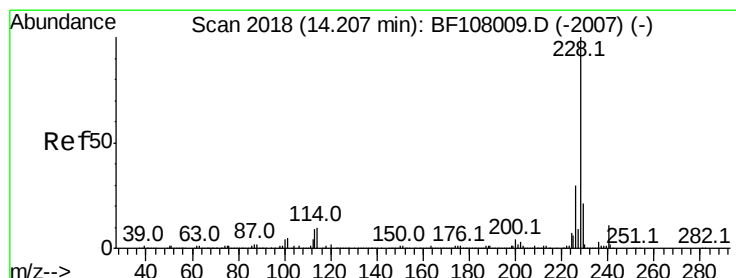
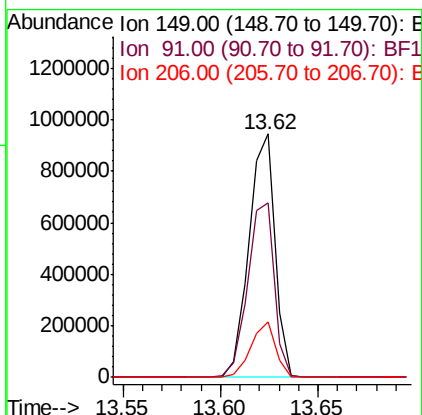
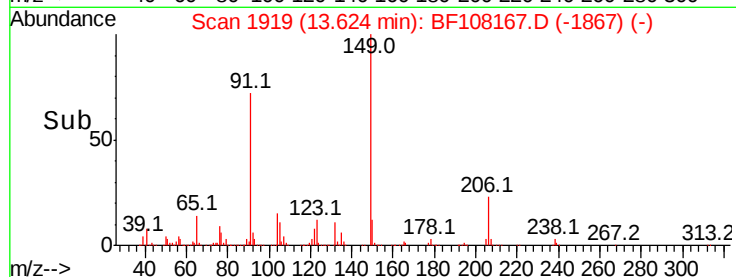
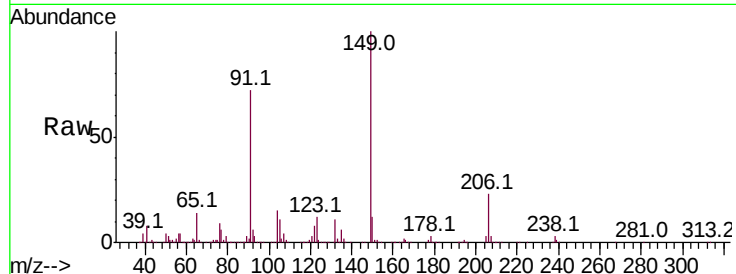
#79
 Butylbenzylphthalate
 Concen: 47.555 ng
 RT: 13.62 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.8	85.2
206	23.0	14.1	21.1

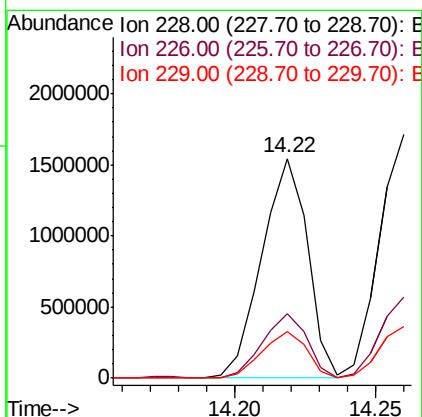
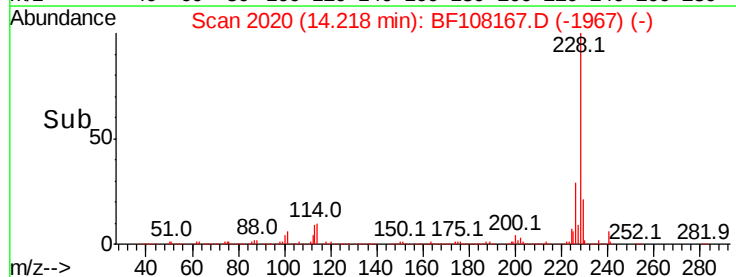
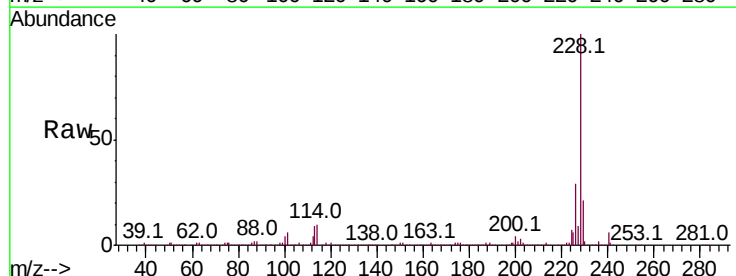
Manual Integrations
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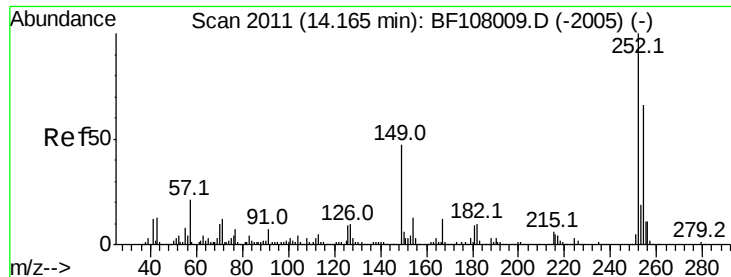
Sohil
 8/16/2018 5:27:00 PM



#80
 Benzo(a)anthracene
 Concen: 41.389 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.3	15.8	23.6





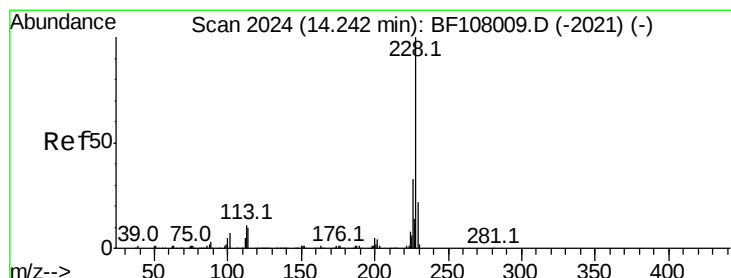
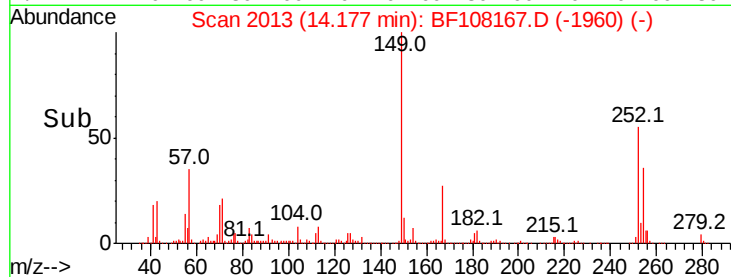
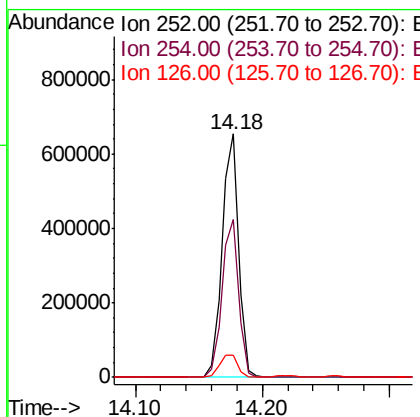
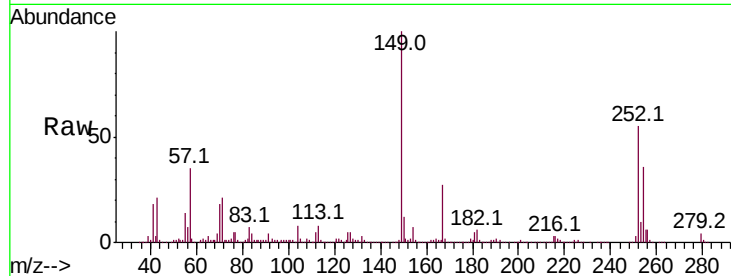
#81
 3,3'-Dichlorobenzidine
 Concen: 39.619 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	9.3	11.3	16.9

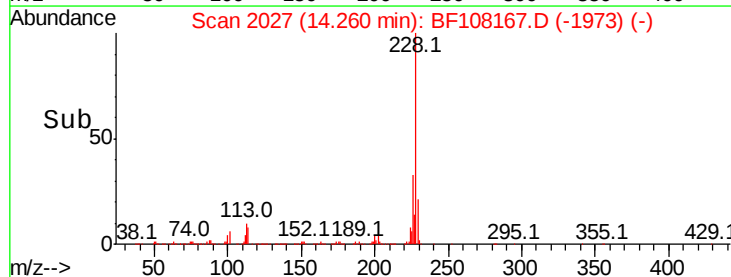
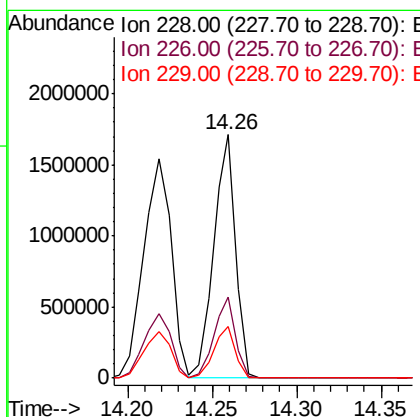
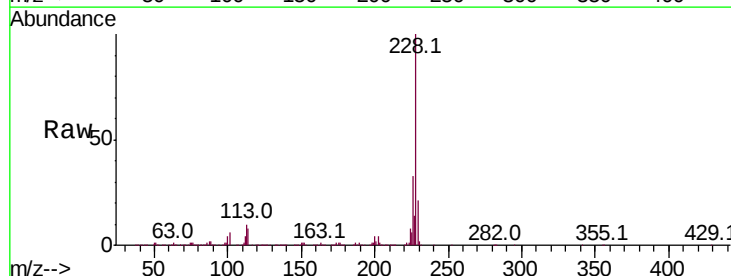
Manual Integrations
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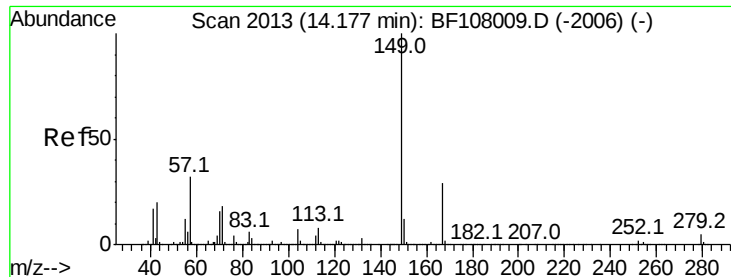
Sohil
 8/16/2018 5:27:00 PM



#82
 Chrysene
 Concen: 40.168 ng
 RT: 14.26 min Scan# 2027
 Delta R.T. 0.02 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.6
229	21.5	16.2	24.4





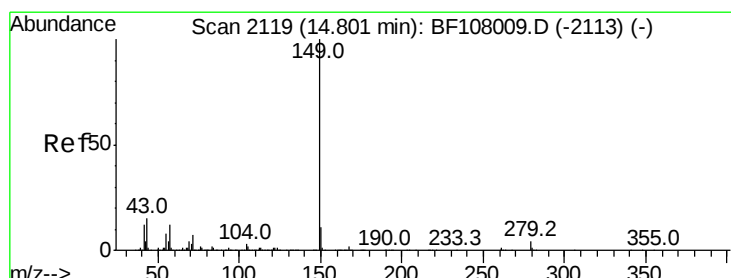
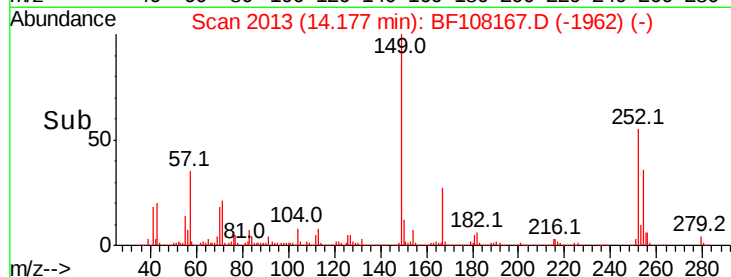
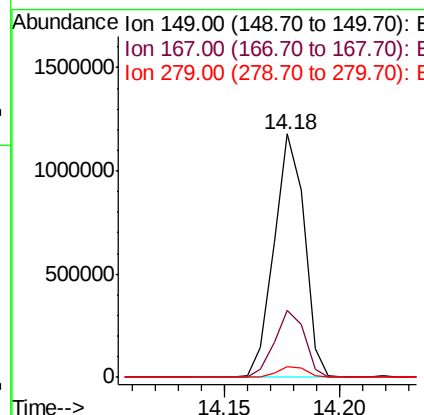
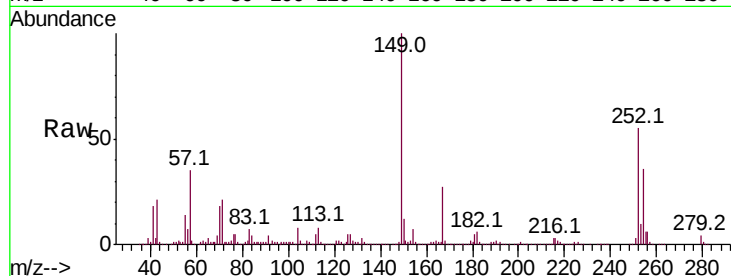
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.213 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	4.2	3.0	4.4

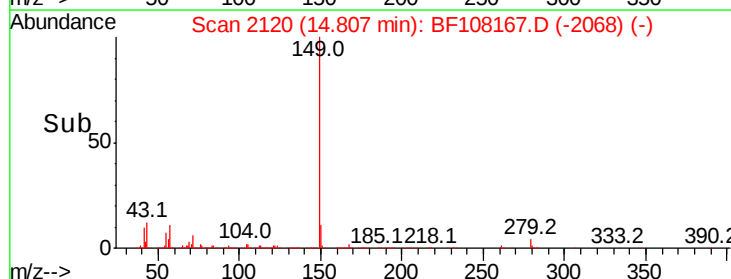
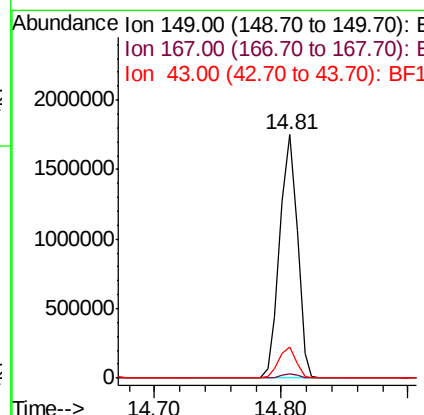
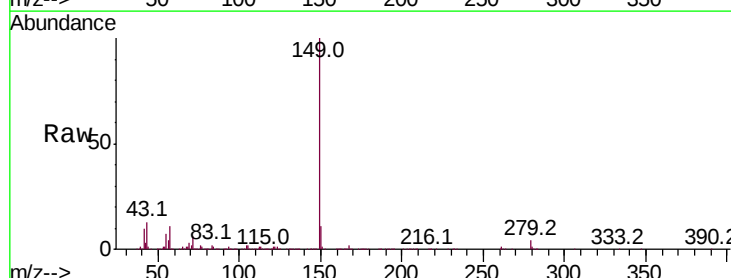
Manual Integrations
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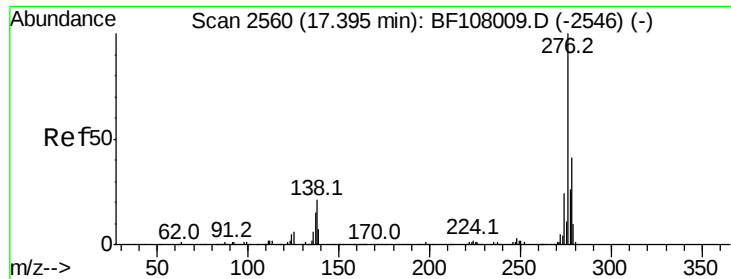
Sohil
 8/16/2018 5:27:00 PM



#84
 Di-n-octyl phthalate
 Concen: 44.645 ng
 RT: 14.81 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.3	8.4	12.6





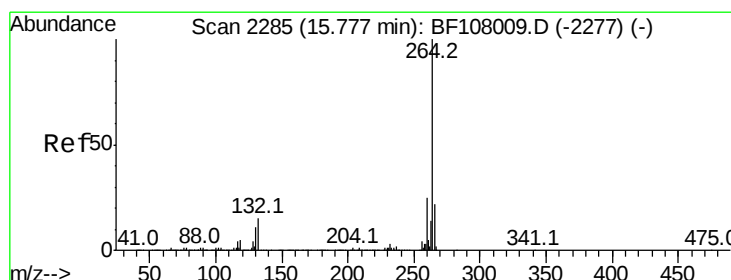
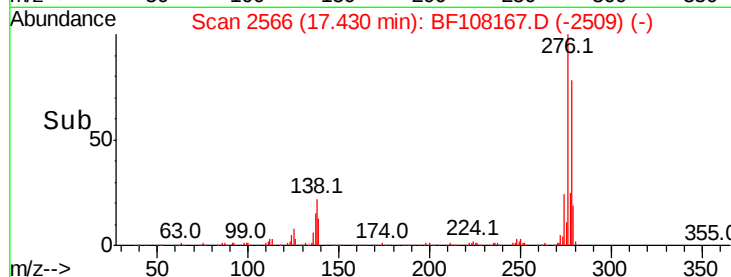
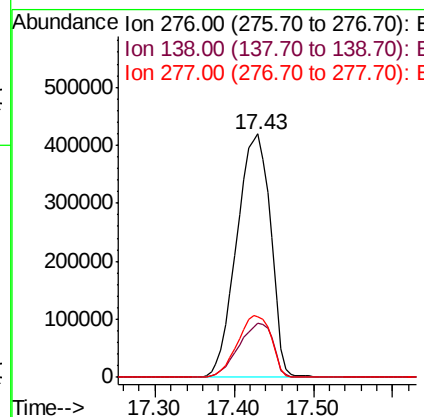
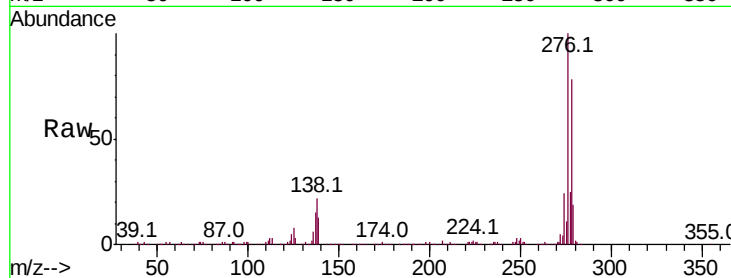
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.461 ng
 RT: 17.43 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	25.5	20.1	30.1

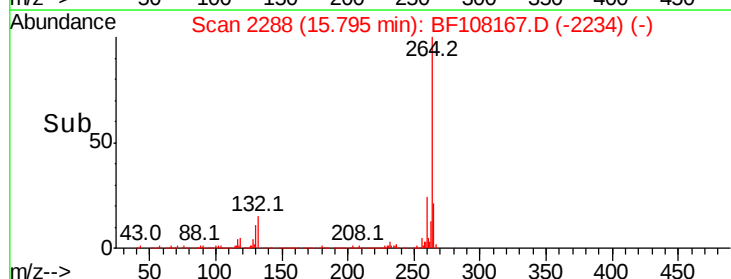
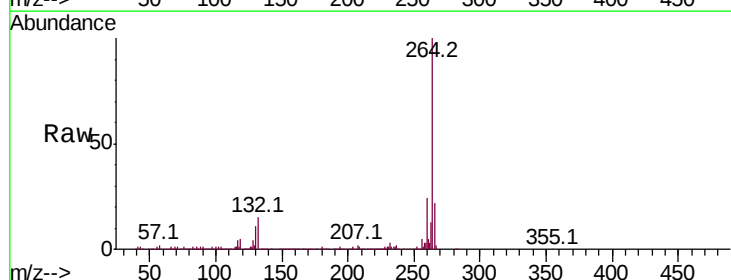
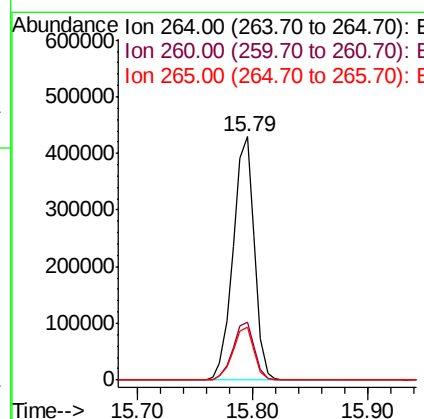
Manual Integrations
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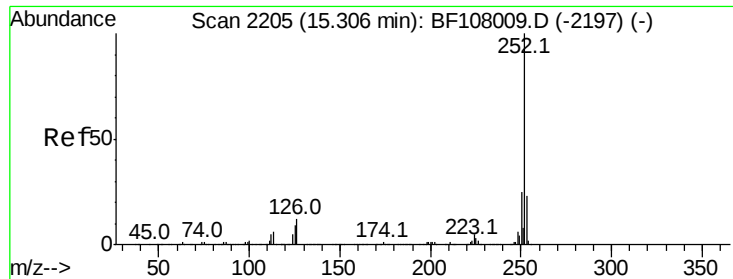
Sohil
 8/16/2018 5:27:00 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3





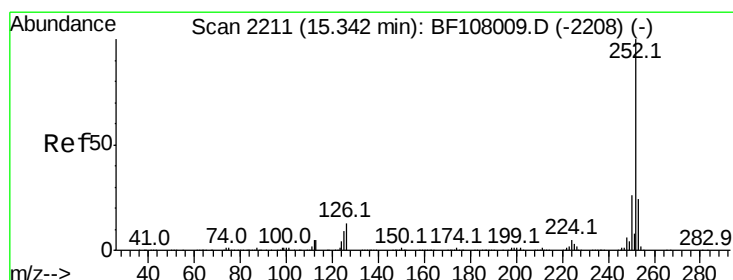
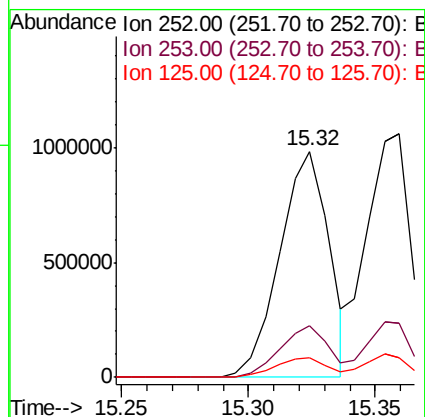
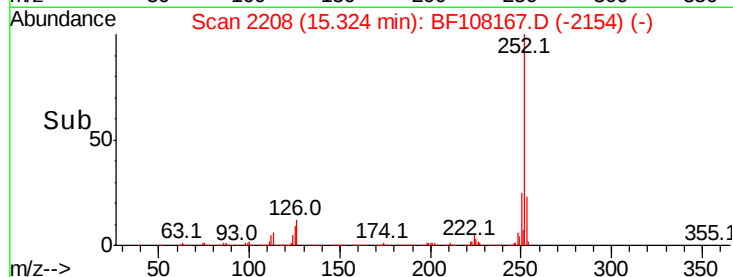
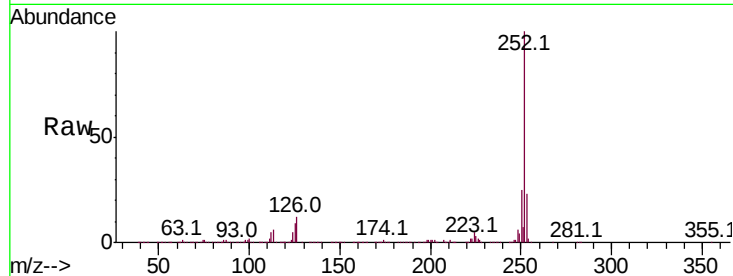
#87
Benzo(b)fluoranthene
Concen: 40.773 ng
RT: 15.32 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.7	9.0	13.6#

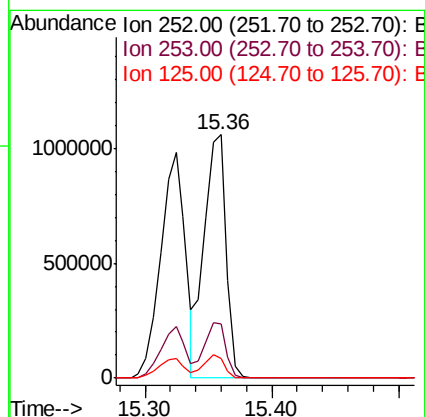
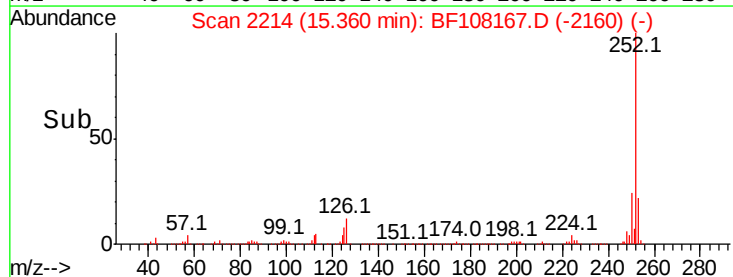
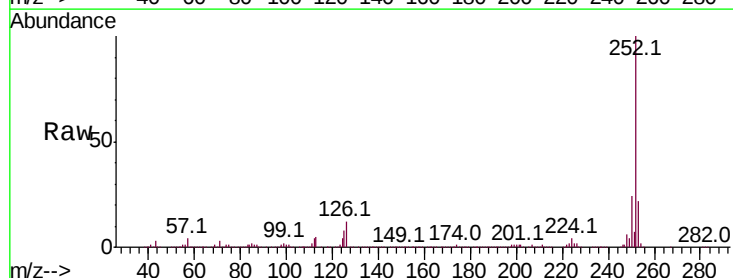
Manual Integrations
APPROVED

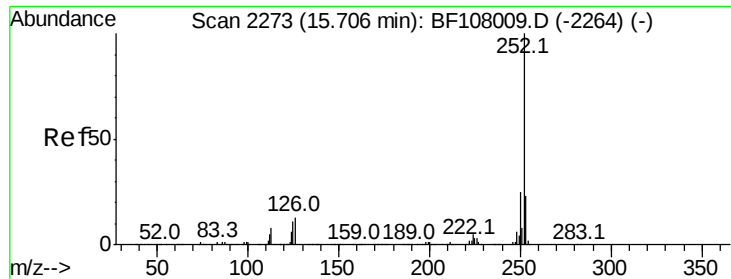
Sohil
8/16/2018 5:27:00 PM



#88
Benzo(k)fluoranthene
Concen: 42.694 ng
RT: 15.36 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.2	10.2	15.2#





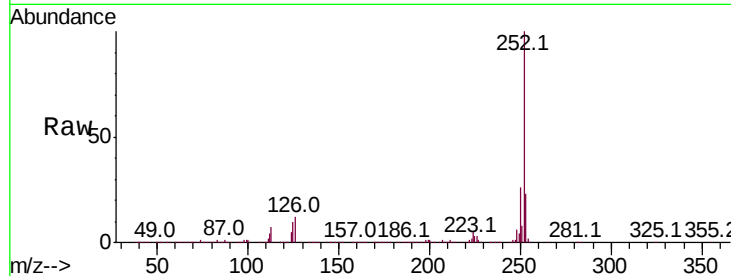
#89
Benzo(a)pyrene
Concen: 41.795 ng
RT: 15.73 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.7	9.8	14.6

Manual Integrations
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Sohil
8/16/2018 5:27:00 PM

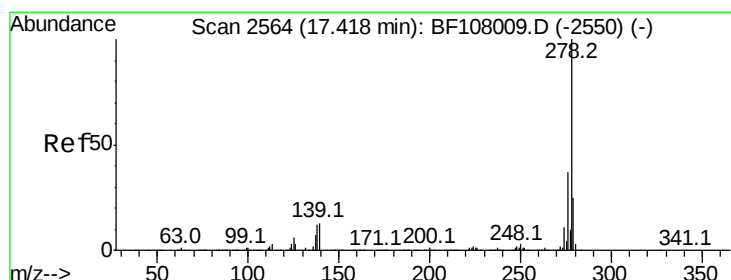
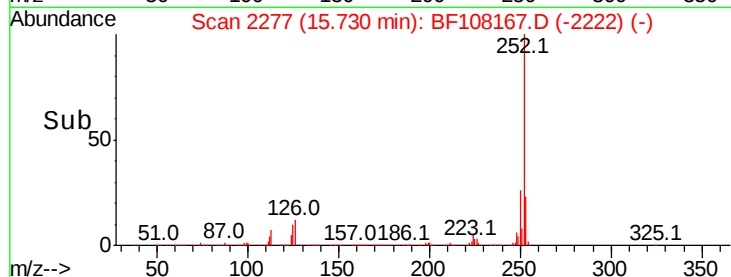
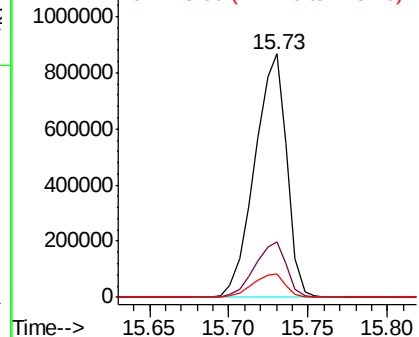


Abundance

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: 42.913 ng
RT: 17.44 min Scan# 2568
Delta R.T. 0.02 min
Lab File: BF108167.D
Acq: 15 Aug 2018 16:01

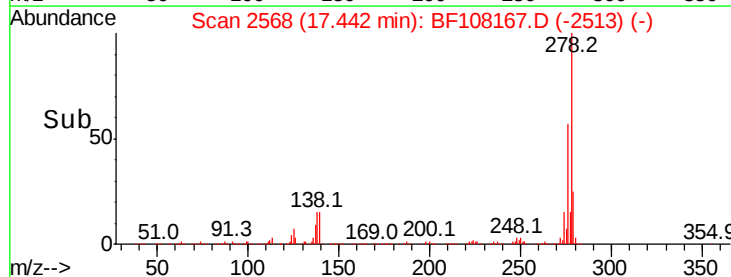
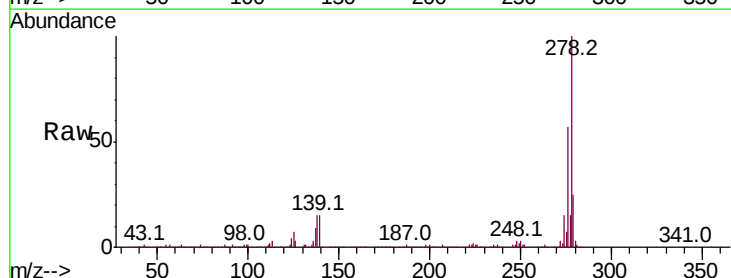
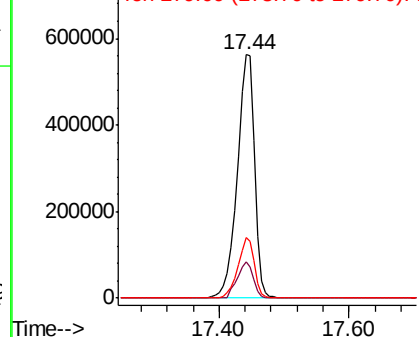
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.9	23.9
279	24.9	19.0	28.4

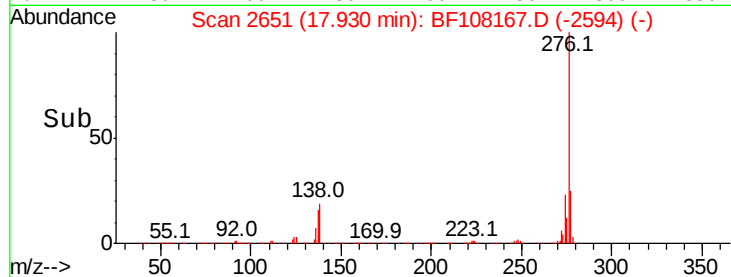
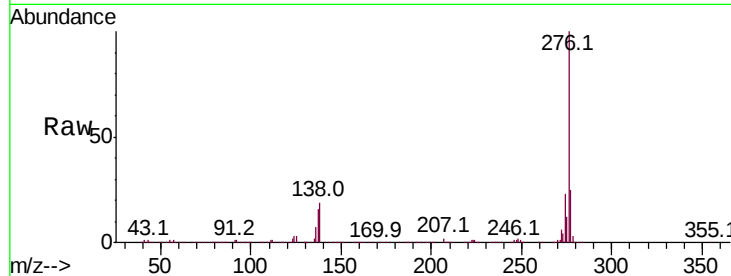
Abundance

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: 43.922 ng
 RT: 17.93 min Scan# 2651
 Delta R.T. 0.04 min
 Lab File: BF108167.D
 Acq: 15 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	18.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:27:00 PM

