

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108060.D
 Acq On : 9 Aug 2018 18:44
 Operator : JU/SJ
 Sample : J4382-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:20 PM

Quant Time: Aug 10 01:44:28 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	280412	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1034518	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	457599	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	736670	20.00	ng	0.00
75) Chrysene-d12	14.22	240	637314	20.00	ng	0.00
86) Perylene-d12	15.78	264	496791	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1480141	95.56	ng	0.01
7) Phenol-d6	6.64	99	2025302	98.40	ng	0.00
23) Nitrobenzene-d5	7.58	82	1283134	69.21	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	411522	90.16	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2056162	72.14	ng	0.00
78) Terphenyl-d14	13.15	244	1793167	71.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	202269	25.415	ng	# 88
3) Pyridine	3.70	79	581545	28.366	ng	# 84
4) n-Nitrosodimethylamine	3.66	42	356061	30.866	ng	82
6) Aniline	6.68	93	811485	28.986	ng	95
8) 2-Chlorophenol	6.80	128	588739	33.750	ng	93
9) Benzaldehyde	6.57	77	463577	29.051	ng	97
10) Phenol	6.65	94	726738	34.135	ng	93
11) bis(2-Chloroethyl)ether	6.75	93	569750	33.102	ng	92
12) 1,3-Dichlorobenzene	6.96	146	641369	31.798	ng	99
13) 1,4-Dichlorobenzene	7.04	146	643329	31.745	ng	97
14) 1,2-Dichlorobenzene	7.19	146	619574	32.869	ng	98
15) Benzyl Alcohol	7.15	79	570591	32.931	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1120255	31.594	ng	96
17) 2-Methylphenol	7.25	107	499498	33.390	ng	95
18) Hexachloroethane	7.53	117	196097	27.180	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	447453	32.149	ng	# 87
20) 3+4-Methylphenols	7.41	107	646882	33.744	ng	94
22) Acetophenone	7.42	105	856037	35.388	ng	95
24) Nitrobenzene	7.60	77	659243	35.165	ng	94
25) Isophorone	7.83	82	1173529	33.210	ng	96
26) 2-Nitrophenol	7.91	139	242122	34.199	ng	90
27) 2,4-Dimethylphenol	7.94	122	531521	33.891	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	717503	34.782	ng	99
29) 2,4-Dichlorophenol	8.15	162	498373	34.530	ng	96
30) 1,2,4-Trichlorobenzene	8.24	180	524049	32.933	ng	96
31) Naphthalene	8.32	128	1594170	33.884	ng	98
32) Benzoic acid	7.98	122	27870m	8.656	ng	
33) 4-Chloroaniline	8.37	127	560122	27.319	ng	97
34) Hexachlorobutadiene	8.44	225	329886	32.747	ng	97
35) Caprolactam	8.72	113	141351	31.252	ng	# 83
36) 4-Chloro-3-methylphenol	8.84	107	516027	33.142	ng	98
37) 2-Methylnaphthalene	9.01	142	1071702	32.196	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	529370	37.671	ng	# 97
40) Hexachlorocyclopentadiene	9.17	237	87144	9.601	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	339359	38.916	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	361342	37.642	nq	97
45) 1,1'-Biphenyl	9.48	154	1278141	37.883	nq	99
46) 2-Chloronaphthalene	9.51	162	968150	36.307	nq	99
47) 2-Nitroaniline	9.60	65	336804	39.036	nq	89
48) Acenaphthylene	9.93	152	1476795	35.031	nq	98
49) Dimethylphthalate	9.78	163	1529514	47.984	nq	# 98
50) 2,6-Dinitrotoluene	9.84	165	241488	36.211	nq	99
51) Acenaphthene	10.10	154	855859	33.146	nq	98
52) 3-Nitroaniline	10.01	138	238041	32.623	nq	96
53) 2,4-Dinitrophenol	10.11	184	14712	12.398	nq	88
54) Dibenzofuran	10.27	168	1261158	33.713	nq	97
55) 4-Nitrophenol	10.16	139	319515	57.826	nq	86
56) 2,4-Dinitrotoluene	10.24	165	286571	33.383	nq	89
57) Fluorene	10.62	166	941086	31.779	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	257603	32.107	nq	# 87
59) Diethylphthalate	10.48	149	1092157	35.384	nq	95
60) 4-Chlorophenyl-phenylether	10.61	204	504117	32.670	nq	90
61) 4-Nitroaniline	10.62	138	225437	31.250	nq	89
62) Azobenzene	10.77	77	1006373	31.571	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	18523	11.308	nq	84
65) n-Nitrosodiphenylamine	10.72	169	882708	40.548	nq	96
66) 4-Bromophenyl-phenylether	11.10	248	301401	37.649	nq	# 82
67) Hexachlorobenzene	11.17	284	293847	34.885	nq	# 89
68) Atrazine	11.24	200	279398	38.266	nq	97
69) Pentachlorophenol	11.36	266	269425	66.827	nq	95
70) Phenanthrene	11.59	178	1218691	35.074	nq	99
71) Anthracene	11.64	178	1249257	35.079	nq	99
72) Carbazole	11.79	167	1127112	35.622	nq	99
73) Di-n-butylphthalate	12.11	149	1359244	37.927	nq	98
74) Fluoranthene	12.78	202	1308368	34.502	nq	95
76) Benzidine	12.90	184	985884	41.403	nq	99
77) Pyrene	13.01	202	1345477	33.346	nq	100
79) Butylbenzylphthalate	13.62	149	573288	35.782	nq	94
80) Benzo(a)anthracene	14.21	228	1264647	34.577	nq	99
81) 3,3'-Dichlorobenzidine	14.17	252	510659	38.959	nq	# 96
82) Chrysene	14.24	228	1190877	35.515	nq	100
83) Bis(2-ethylhexyl)phthalate	14.18	149	817388	37.674	nq	# 99
84) Di-n-octyl phthalate	14.81	149	1380348	41.716	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.40	276	796696	27.421	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1028917	34.661	nq	96
88) Benzo(k)fluoranthene	15.34	252	979503	35.895	nq	# 97
89) Benzo(a)pyrene	15.71	252	908451	34.175	nq	97
90) Dibenzo(a,h)anthracene	17.42	278	678087	30.830	nq	# 94
91) Benzo(g,h,i)perylene	17.89	276	641784	29.633	nq	# 91

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



#1

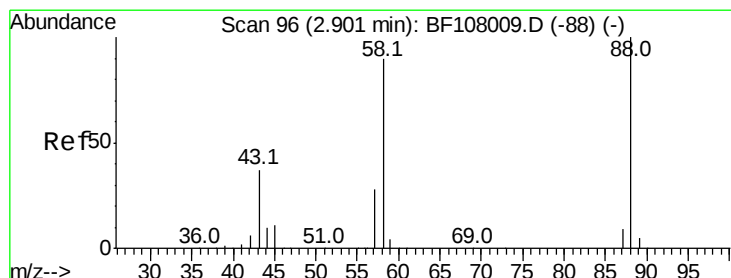
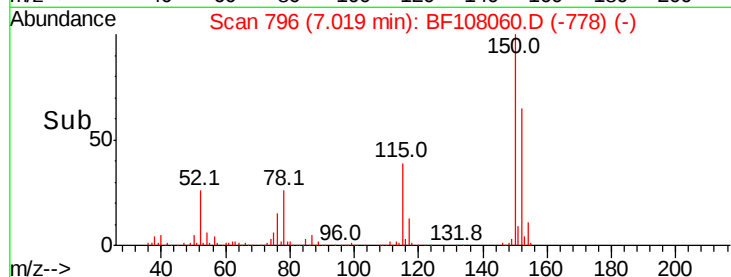
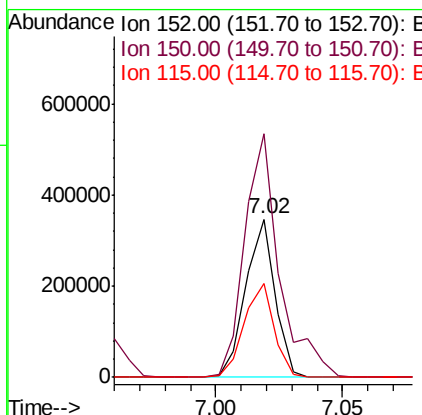
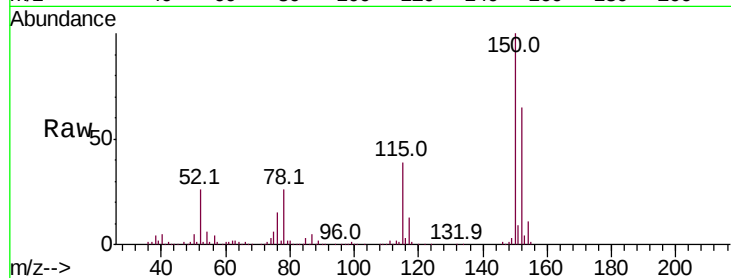
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
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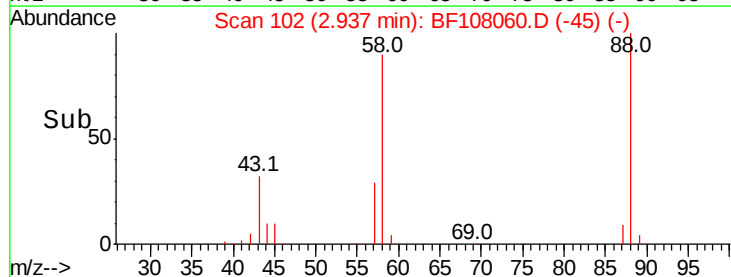
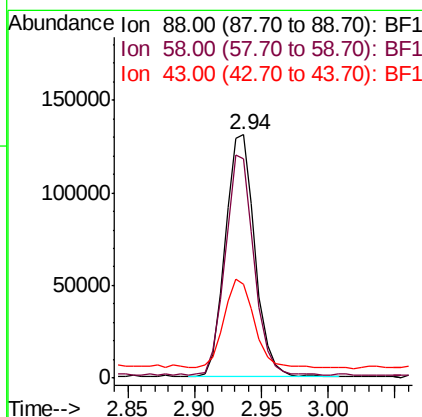
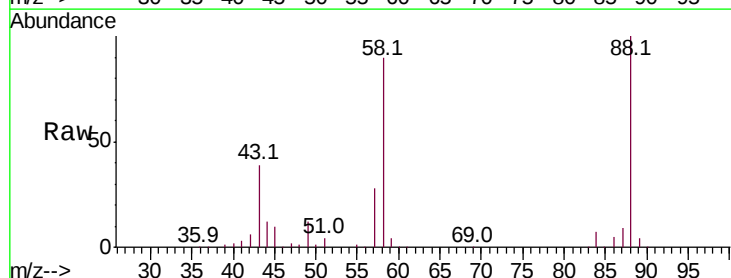
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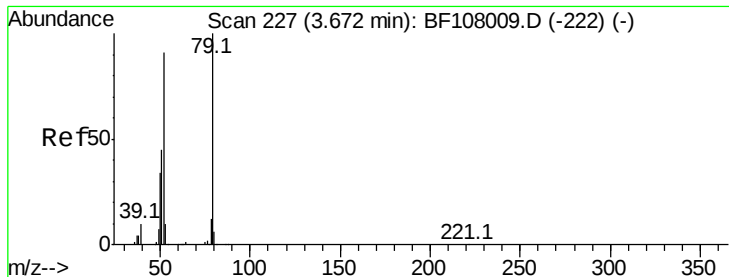


#2

1,4-Dioxane
Concen: 25.415 ng
RT: 2.94 min Scan# 102
Delta R.T. 0.04 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	62.6	93.8
43	37.5	24.6	37.0#





#3

Pvridine

Concen: 28.366 ng

RT: 3.70 min Scan# 232

Delta R.T. 0.03 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

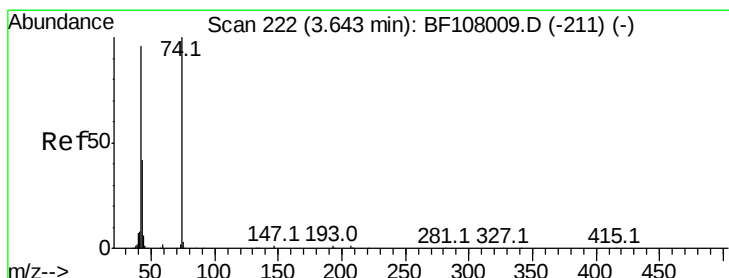
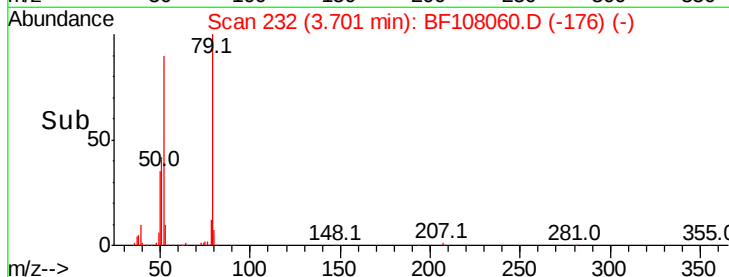
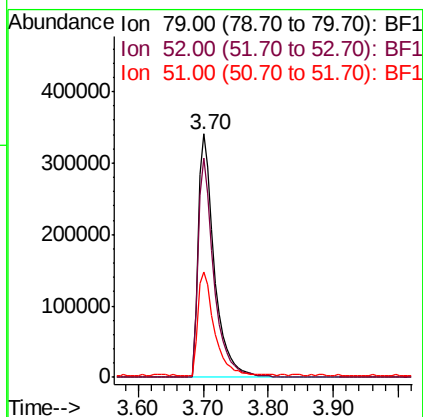
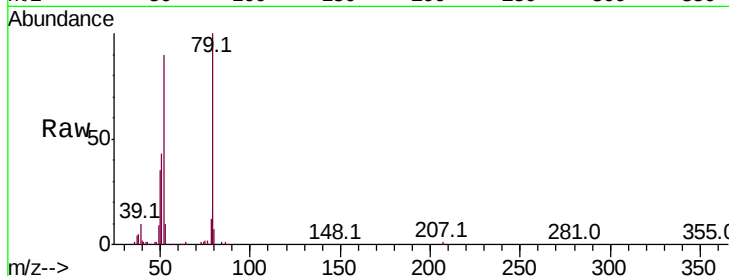
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	90.3	59.8	89.6#	
51	43.4	29.8	44.8	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.866 ng

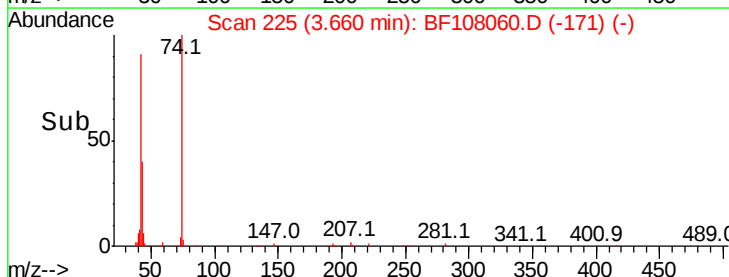
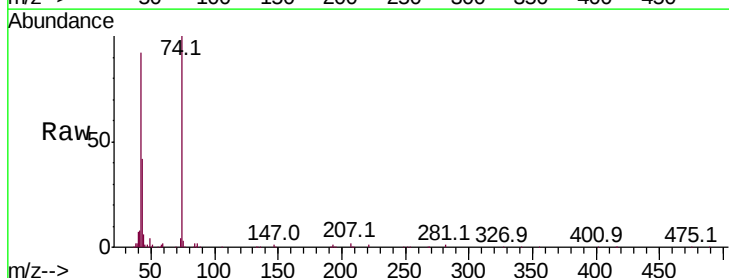
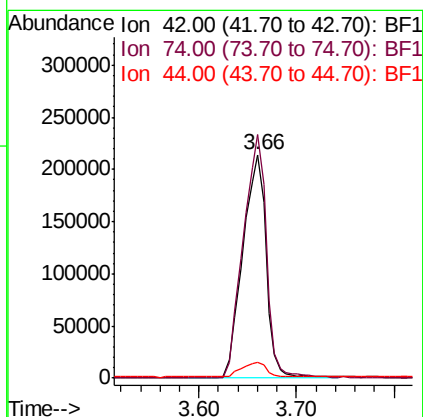
RT: 3.66 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	109.0	104.9	157.3	
44	7.0	6.9	10.3	





#5

2-Fluorophenol

Concen: 95.564 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

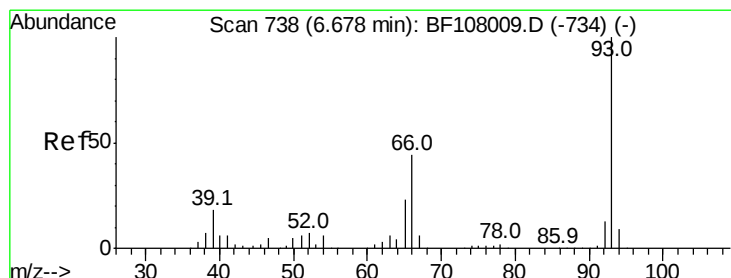
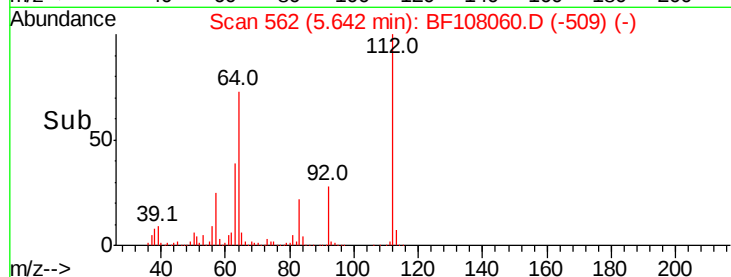
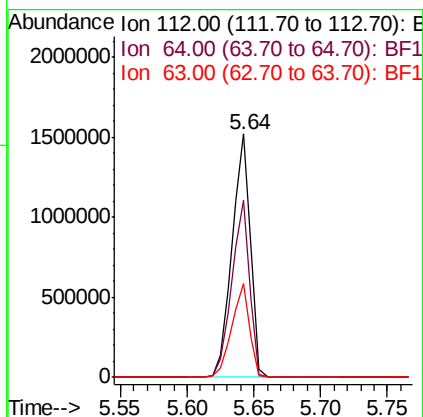
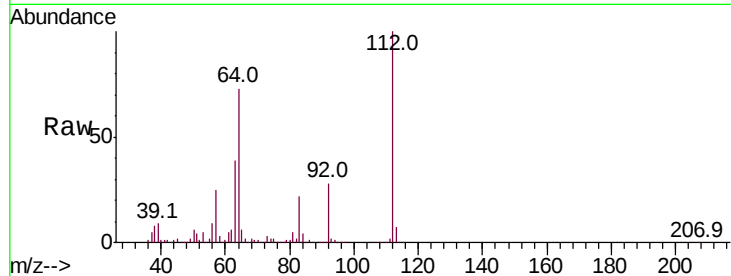
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion:	112	Resp:	1480141
Ion Ratio	Lower	Upper	
112	100		
64	72.8	47.9	71.9#
63	38.6	23.7	35.5#

Manual Integrations
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#6

Aniline

Concen: 28.986 ng

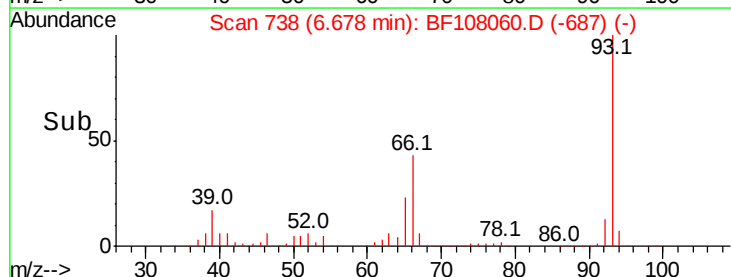
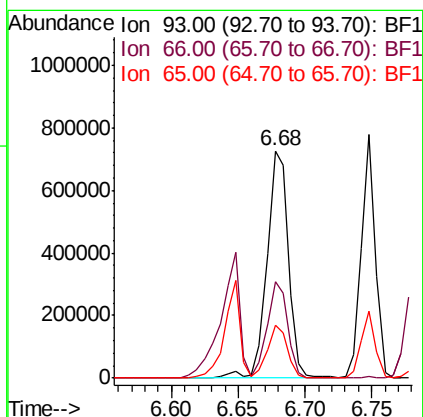
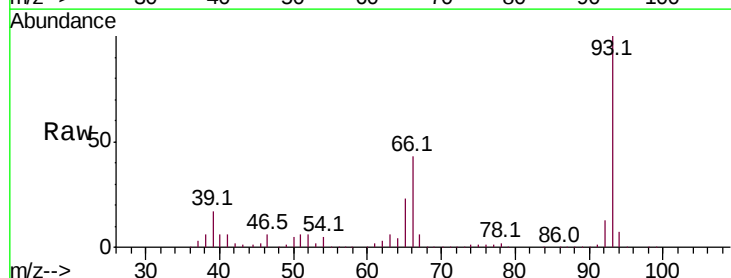
RT: 6.68 min Scan# 738

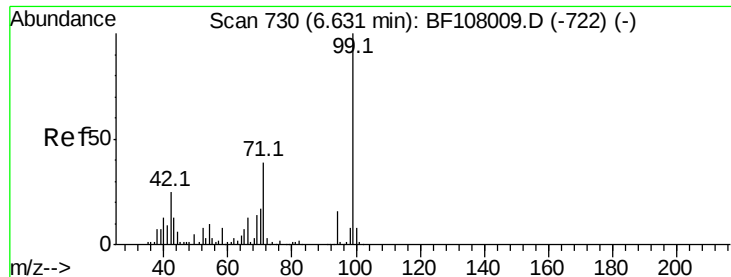
Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion:	93	Resp:	811485
Ion Ratio	Lower	Upper	
93	100		
66	42.6	32.2	48.2
65	23.3	16.4	24.6





#7

Phenol-d6

Concen: 98.401 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion: 99 Resp: 2025302

Ion Ratio Lower Upper

99 100

42 24.1 14.5 21.7#

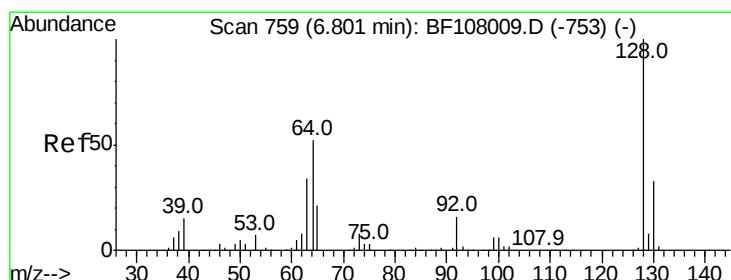
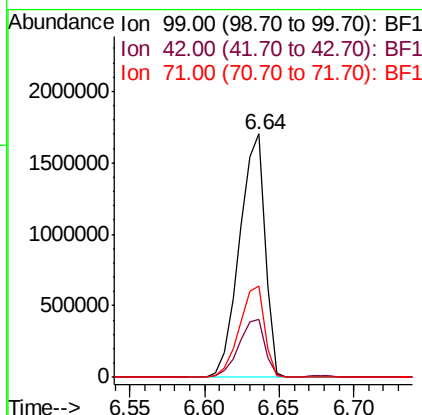
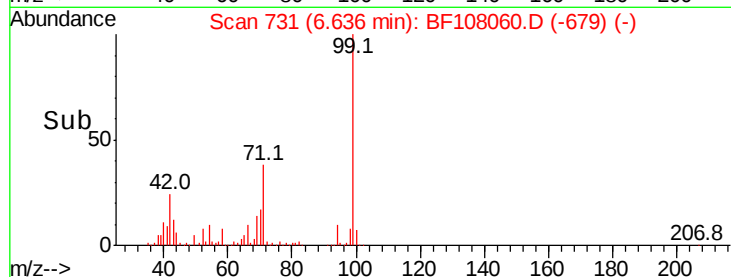
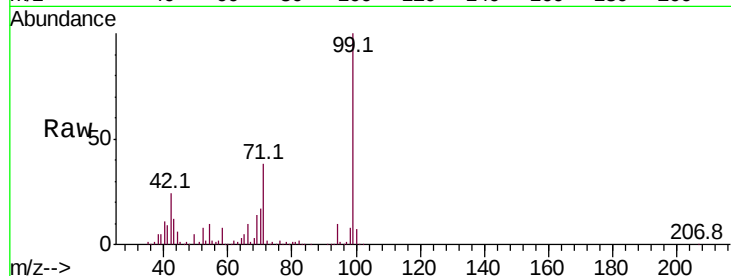
71 37.6 25.4 38.0

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#8

2-Chlorophenol

Concen: 33.750 ng

RT: 6.80 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

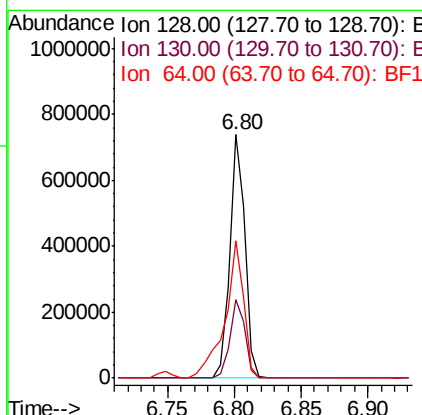
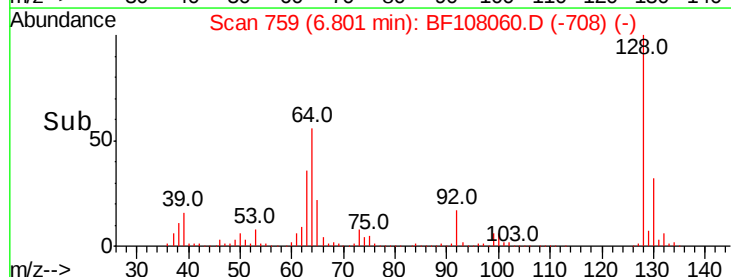
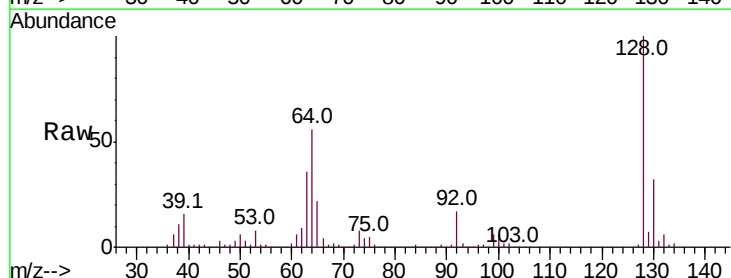
Tgt Ion:128 Resp: 588739

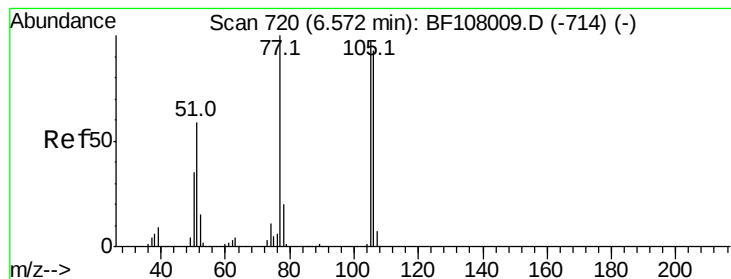
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 56.4 29.4 69.4





#9

Benzaldehyde

Concen: 29.051 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

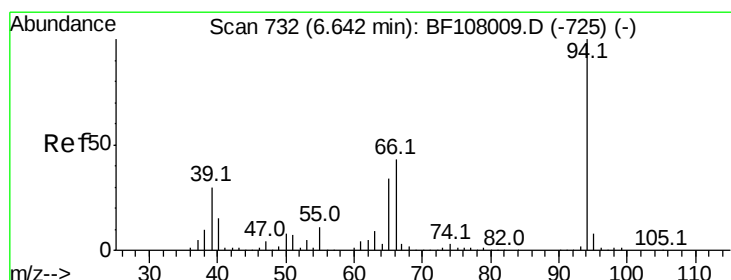
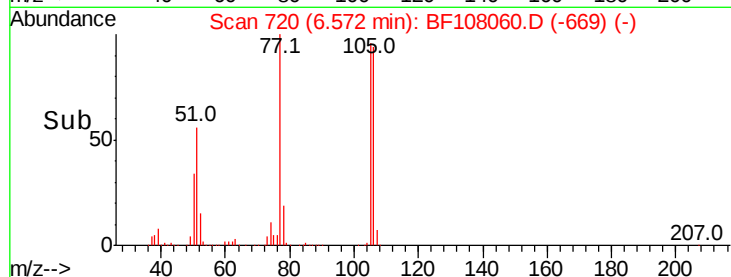
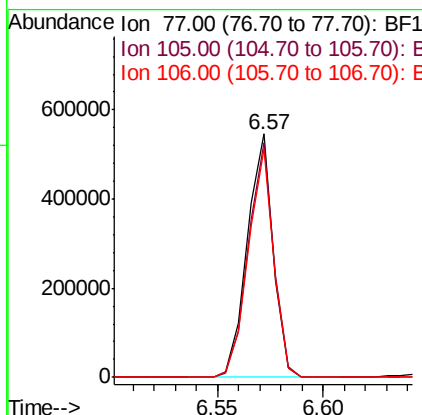
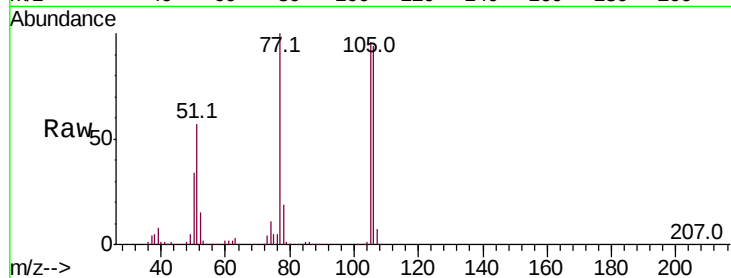
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.4	81.1	121.1
106	93.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 34.135 ng

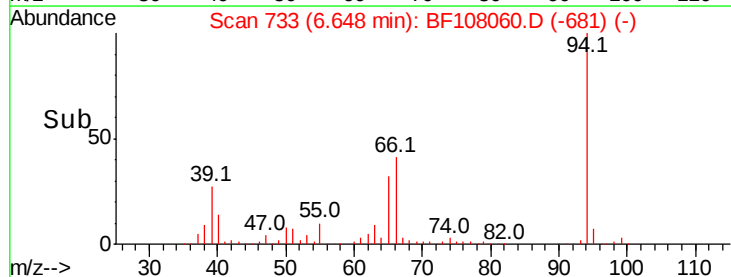
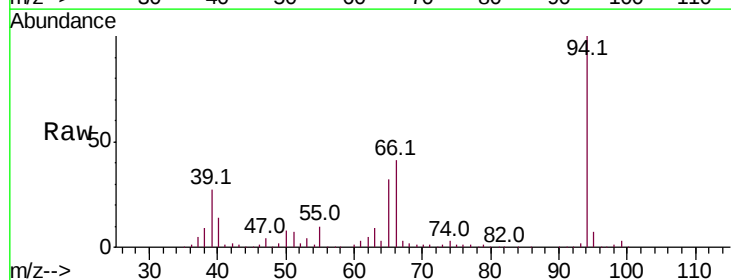
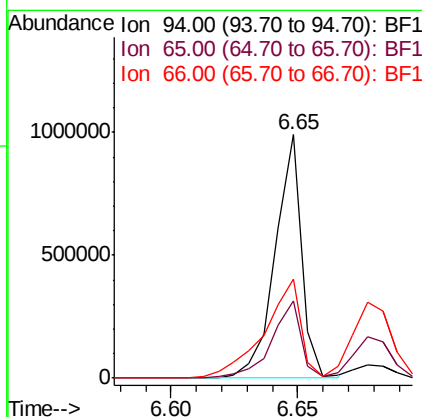
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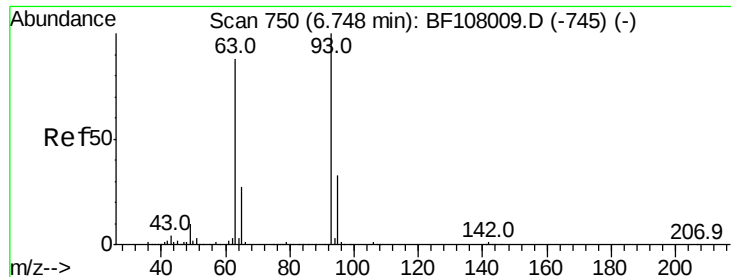
Delta R.T. 0.01 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	40.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 33.102 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

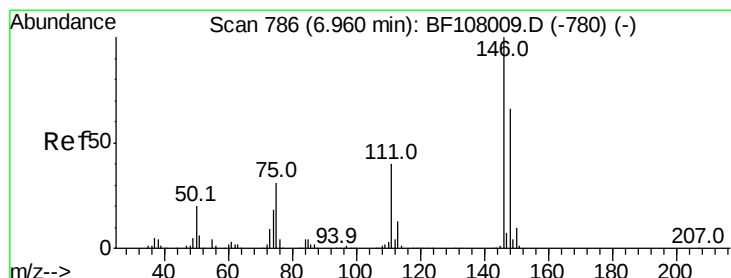
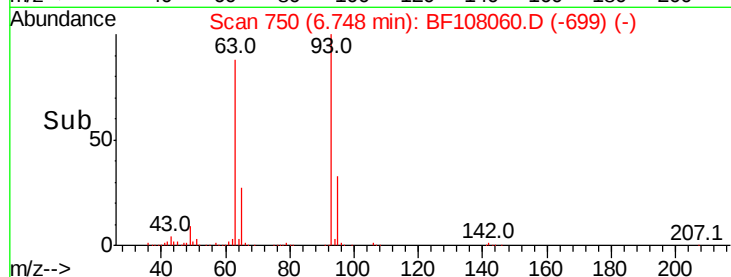
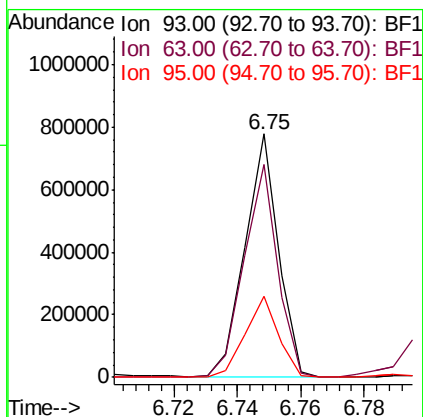
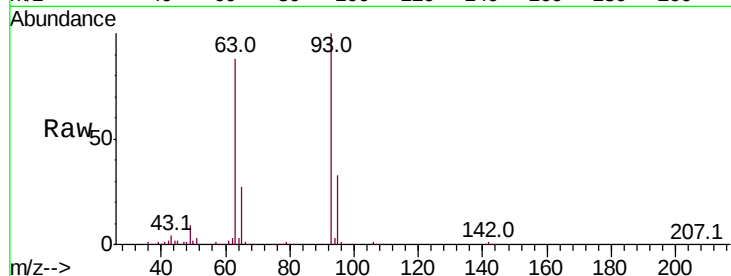
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion	93	Resp	569750
Ion Ratio	100	Lower	Upper
93	100		
63	87.6	58.6	98.6
95	33.1	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 31.798 ng

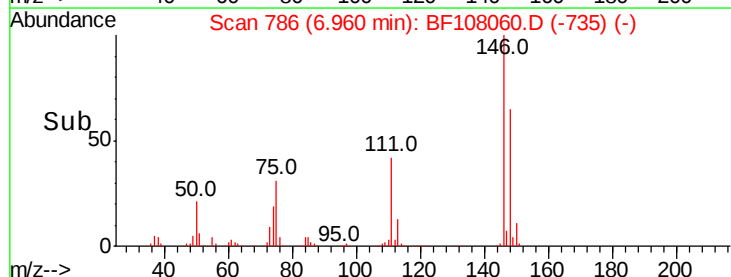
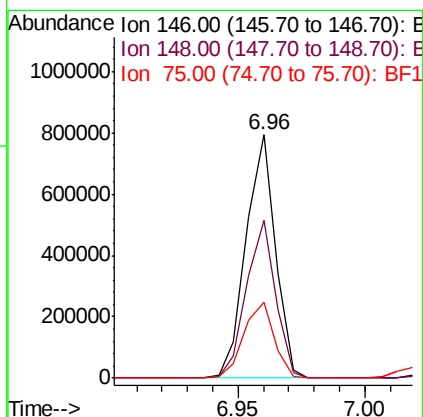
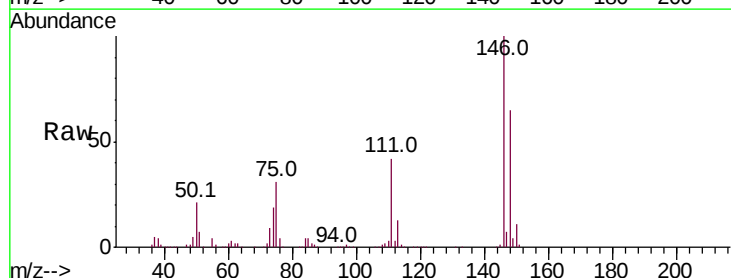
RT: 6.96 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion	146	Resp	641369
Ion Ratio	100	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	31.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.745 ng

RT: 7.04 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

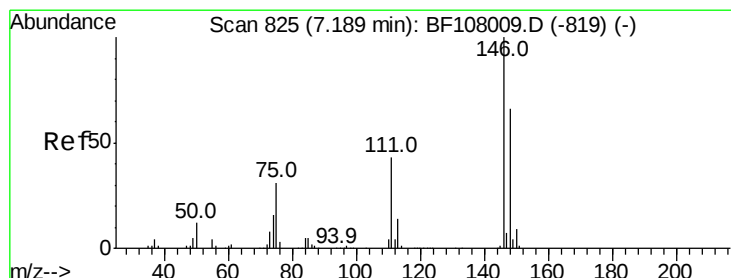
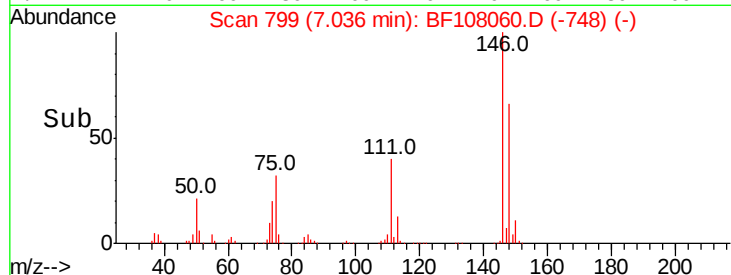
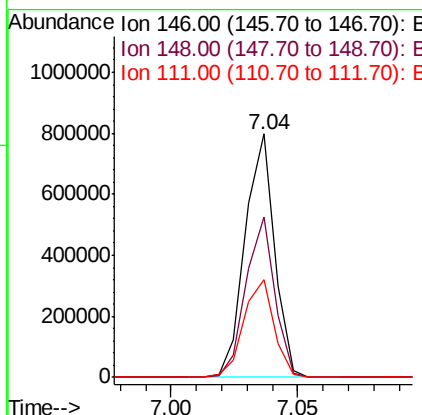
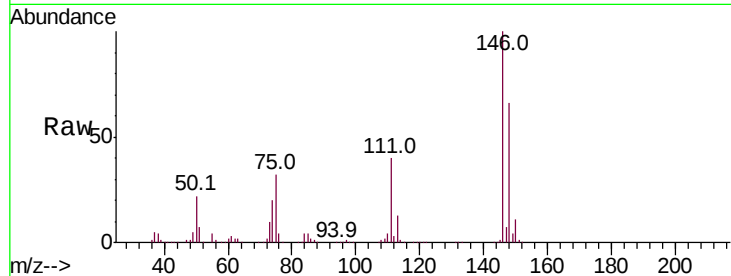
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion:	146	Resp:	643329
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.8	76.2
111	40.2	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 32.869 ng

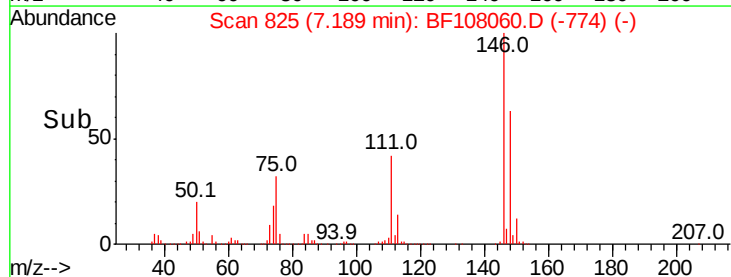
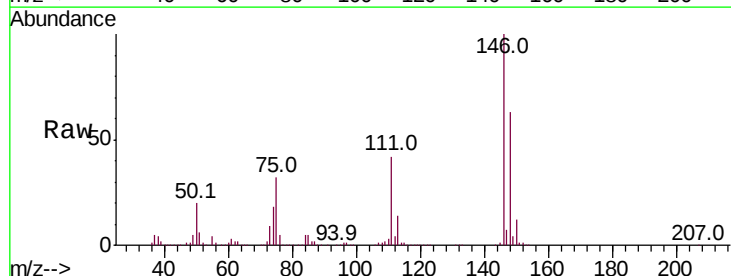
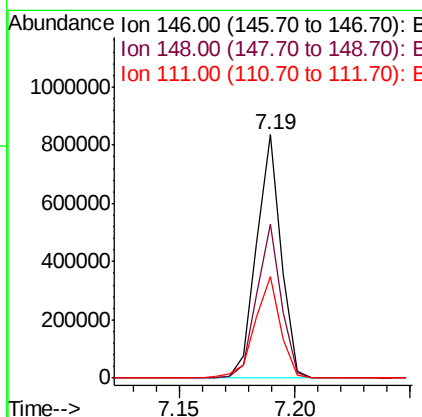
RT: 7.19 min Scan# 825

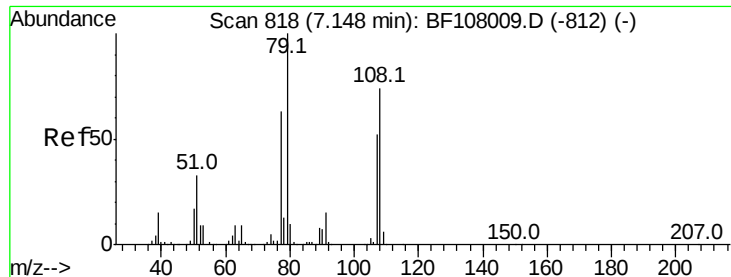
Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion:	146	Resp:	619574
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	41.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.931 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

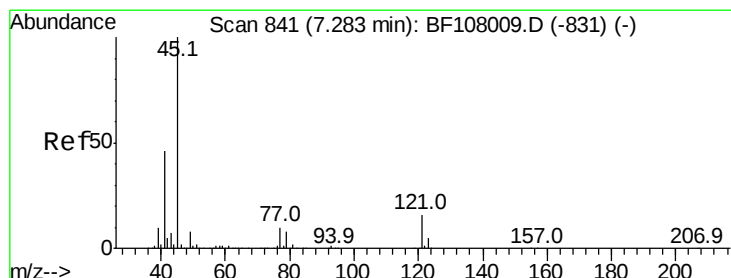
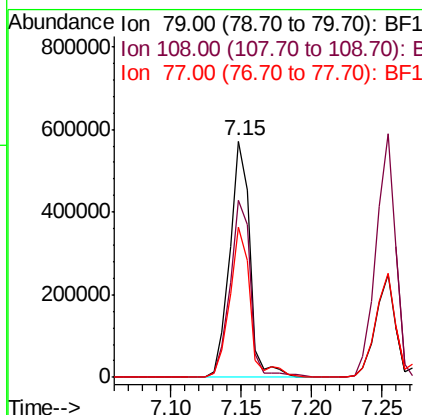
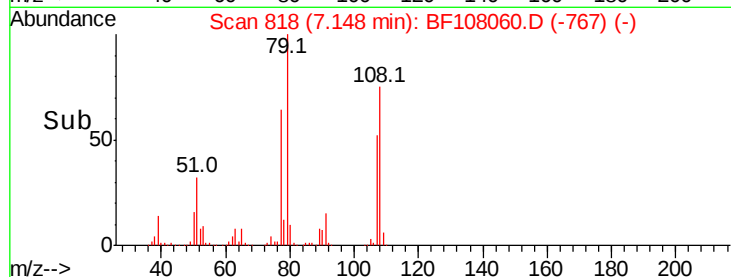
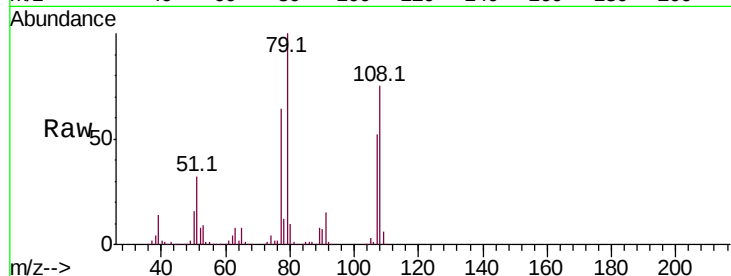
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion:	79	Resp:	570591
Ion Ratio	Lower	Upper	
79	100		
108	75.0	65.1	97.7
77	63.7	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.594 ng

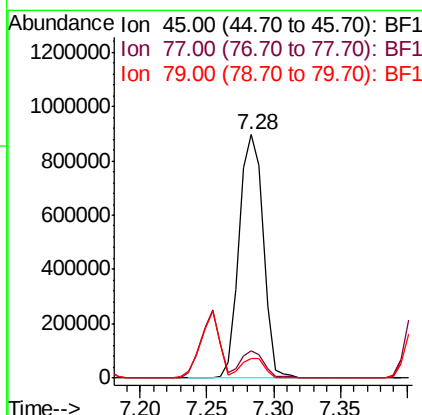
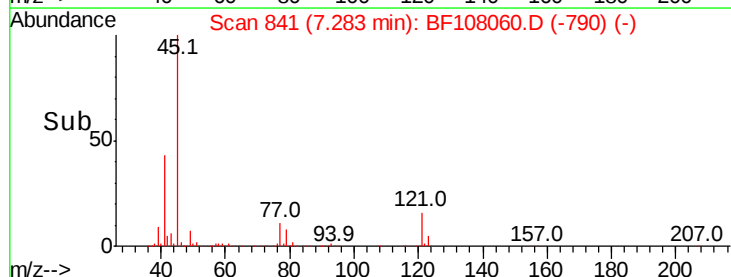
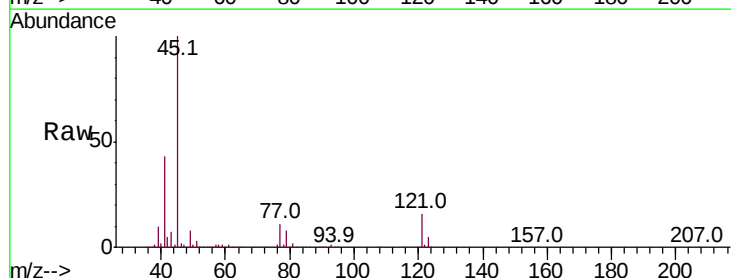
RT: 7.28 min Scan# 841

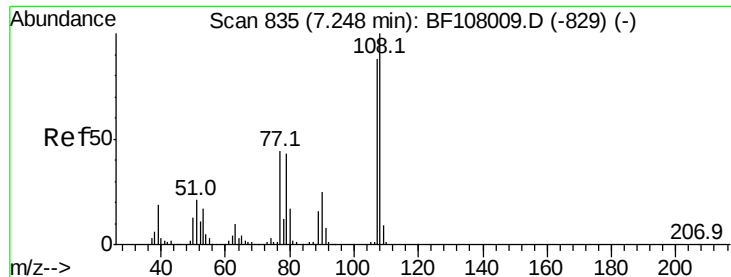
Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion:	45	Resp:	1120255
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	32.9
79	8.2	0.0	29.6





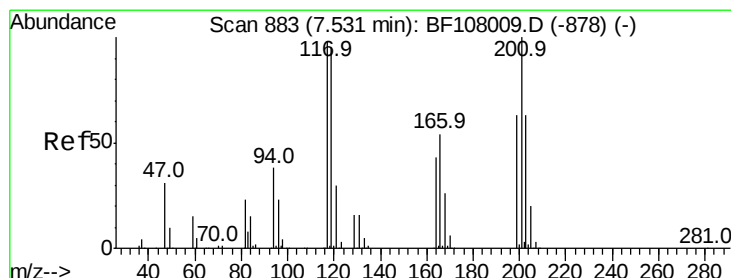
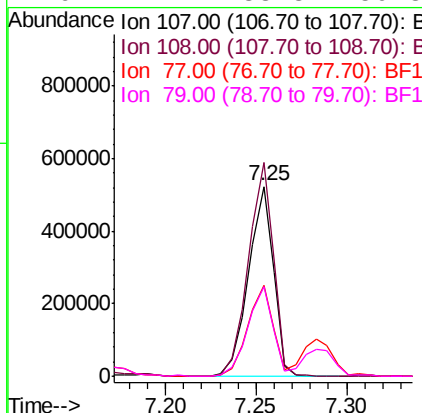
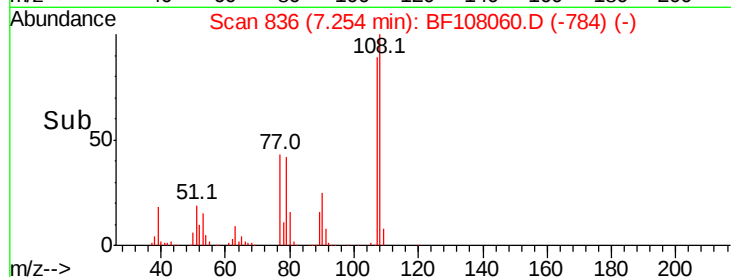
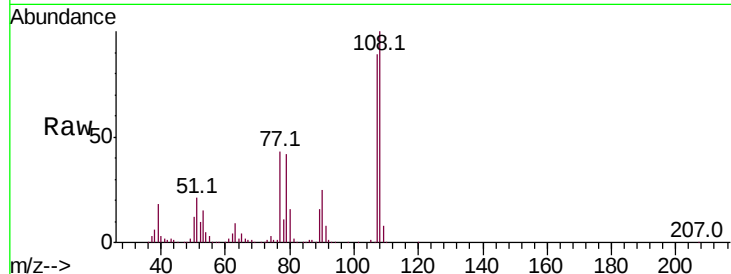
#17
2-Methylphenol
Concen: 33.390 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	499498		
108	112.4	91.7	137.5	
77	48.0	33.8	50.8	
79	47.2	33.8	50.8	

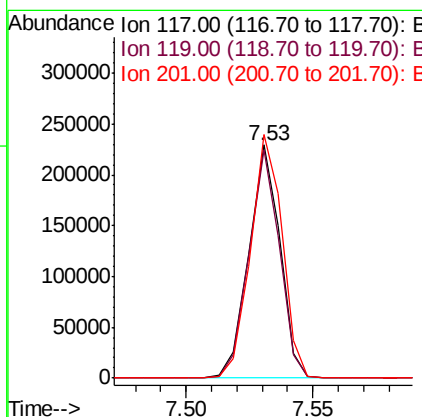
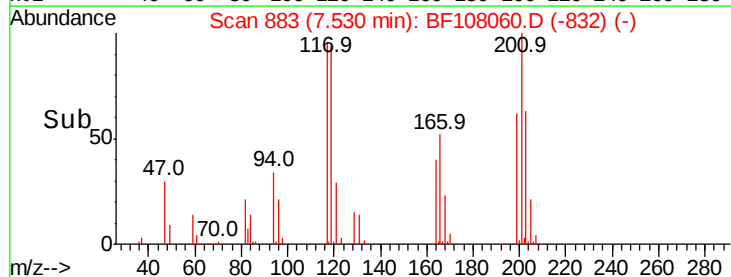
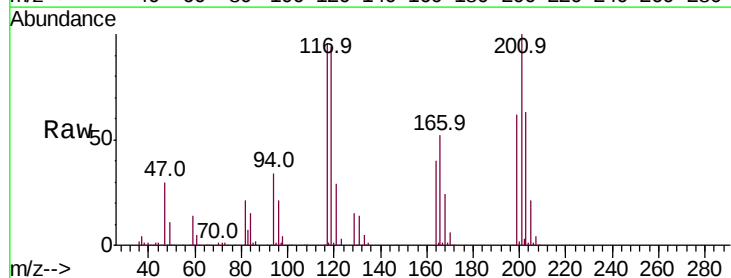
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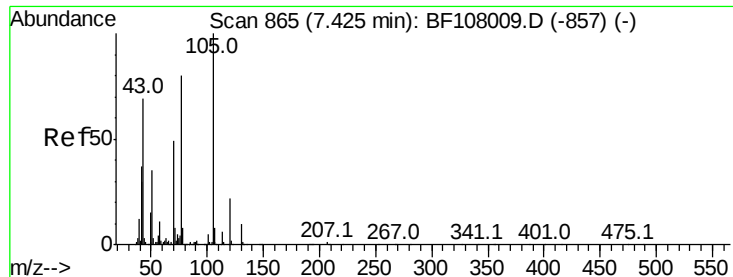
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#18
Hexachloroethane
Concen: 27.180 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	196097		
119	98.0	75.8	113.8	
201	104.5	75.7	113.5	





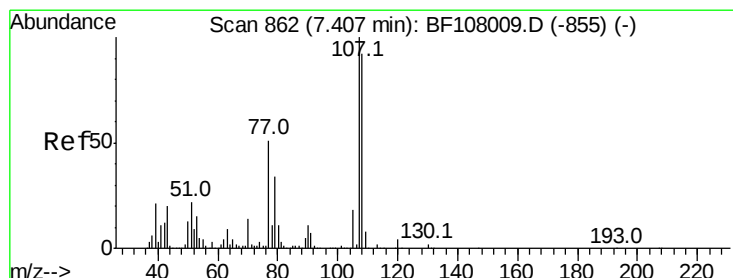
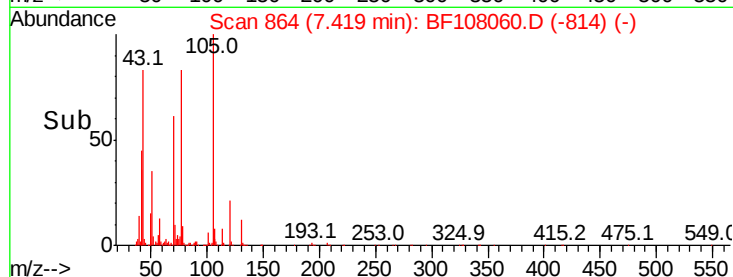
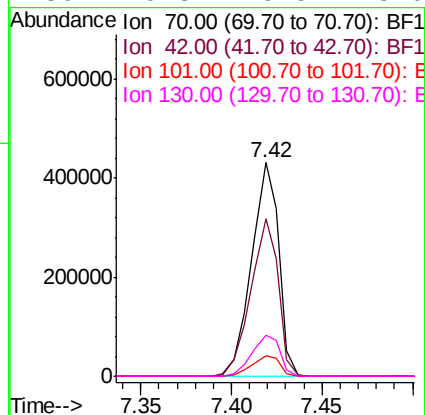
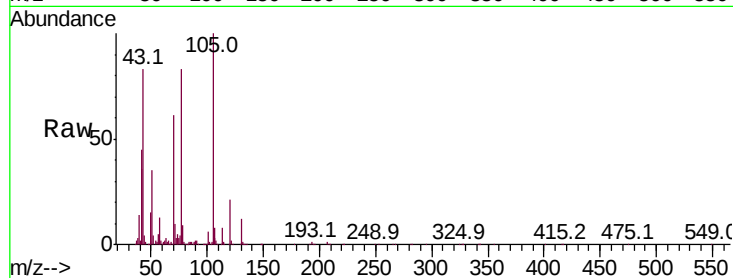
#19
n-Nitroso-di-n-propylamine
Concen: 32.149 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.4	47.5	71.3#	
101	9.5	7.4	11.2	
130	19.3	16.6	25.0	

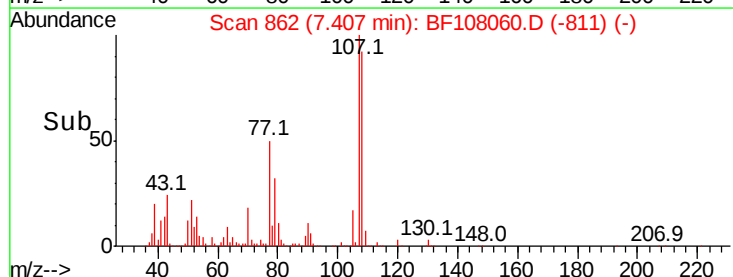
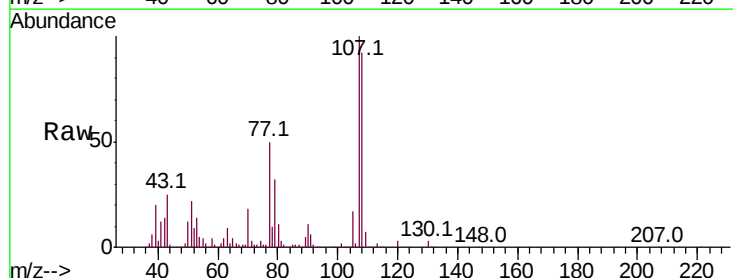
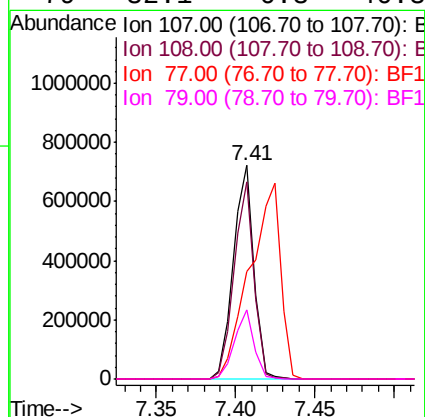
Manual Integrations
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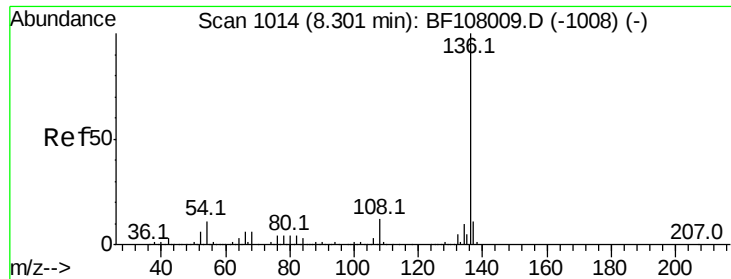
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#20
3+4-Methylphenols
Concen: 33.744 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.5	68.2	108.2	
77	50.1	26.7	66.7	
79	32.1	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion:136 Resp: 1034518

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.5 6.6 9.8#

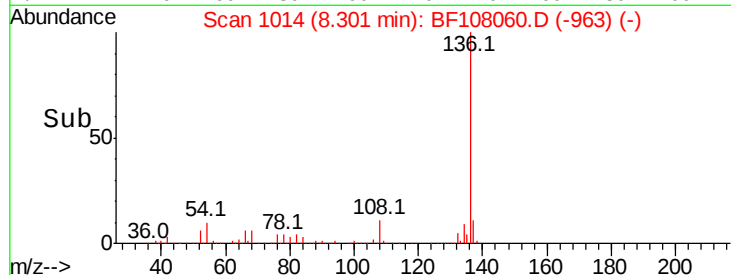
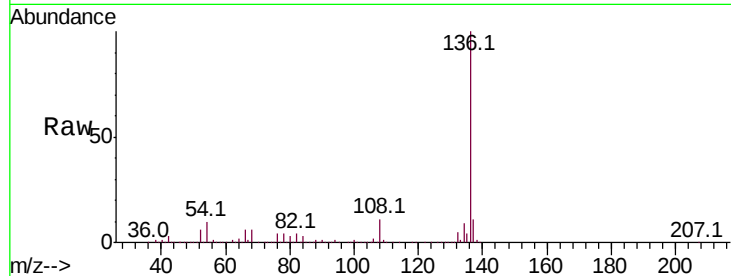
68 6.4 5.0 7.4

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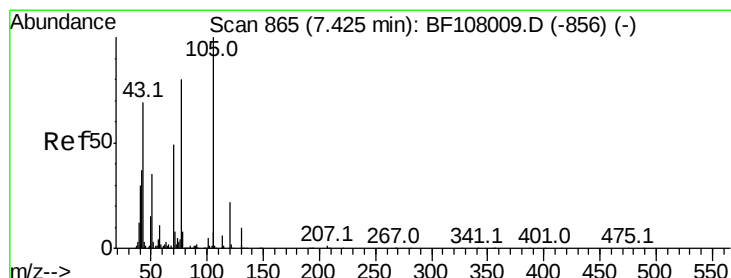
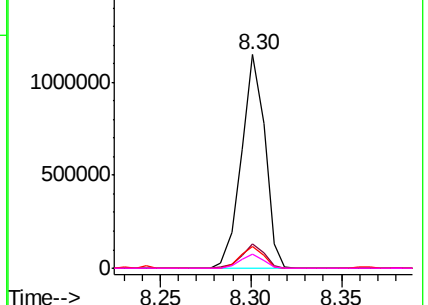


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.388 ng

RT: 7.42 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion:105 Resp: 856037

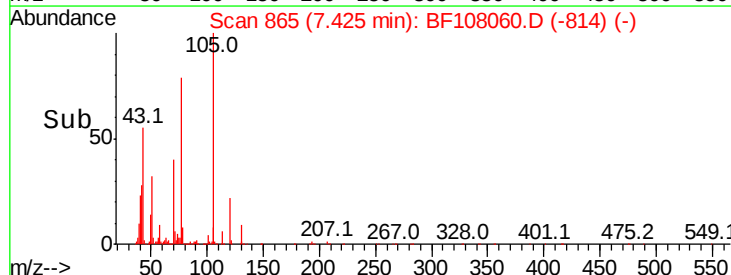
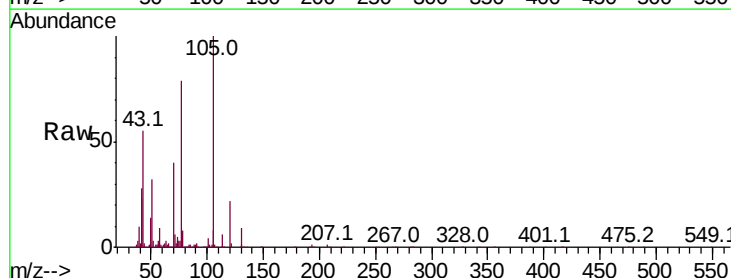
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 32.3 22.3 33.5

120 22.0 16.9 25.3

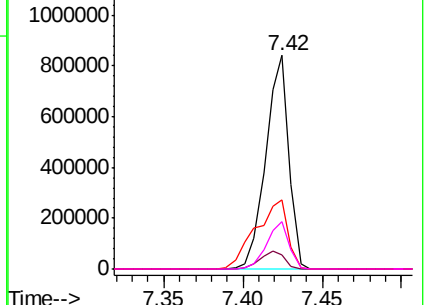


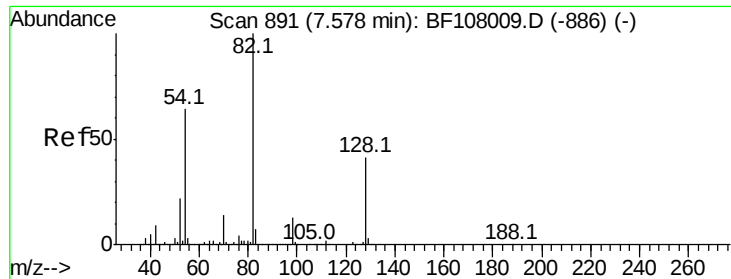
Abundance Ion 105.00 (104.70 to 105.70): E

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





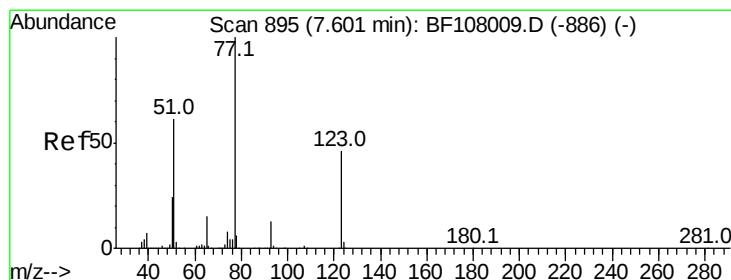
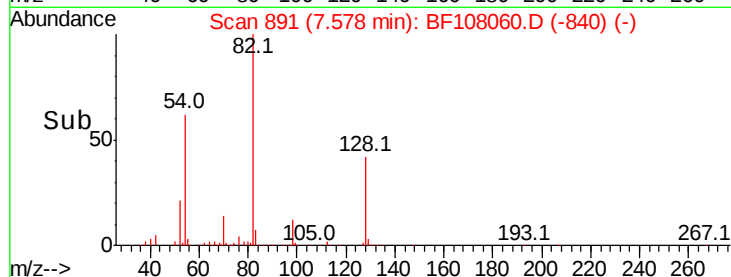
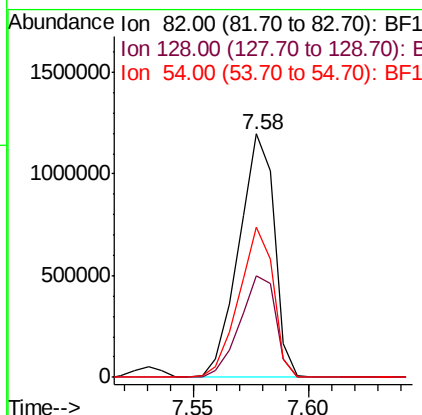
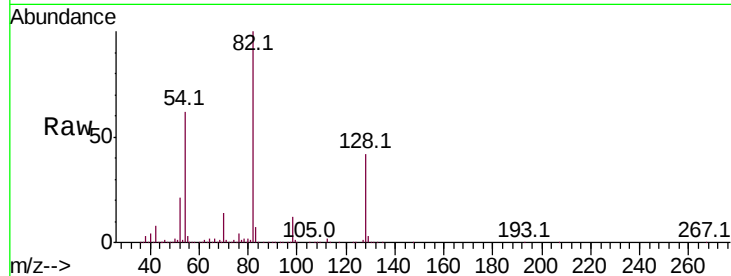
#23
 Nitrobenzene-d5
 Concen: 69.212 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

Tot Ion: 82 Resp: 1283134
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 61.7 41.4 62.2

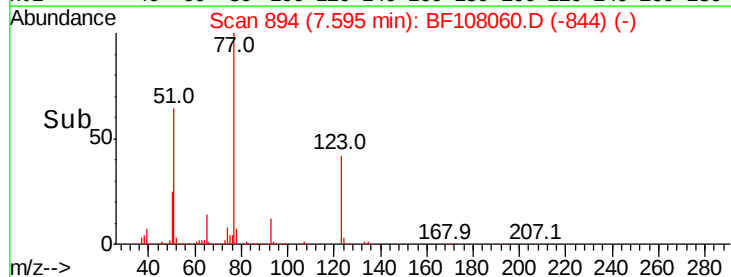
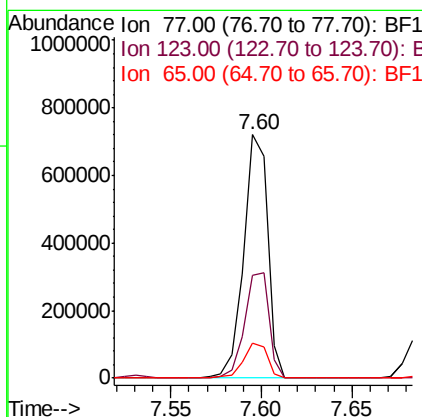
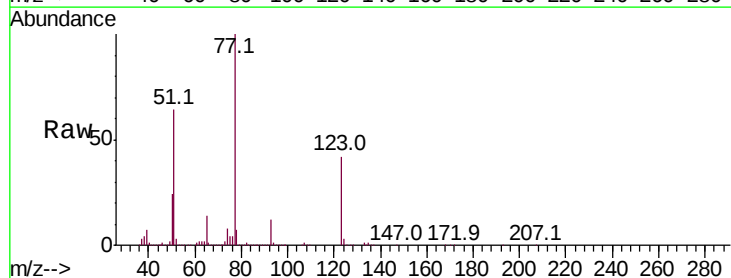
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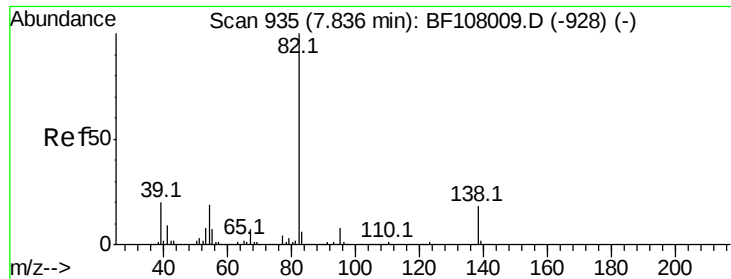
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#24
 Nitrobenzene
 Concen: 35.165 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Tgt Ion: 77 Resp: 659243
 Ion Ratio Lower Upper
 77 100
 123 42.1 37.9 56.9
 65 14.4 11.0 16.4





#25

Isophorone

Concen: 33.210 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion: 82 Resp: 1173529

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

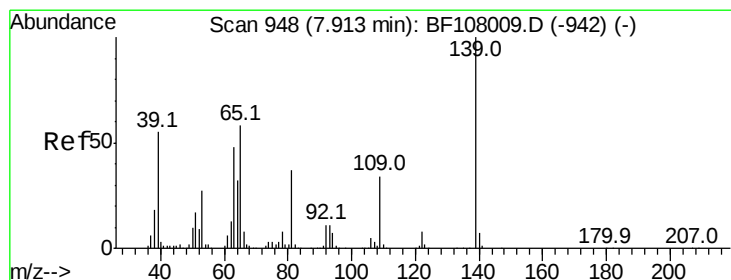
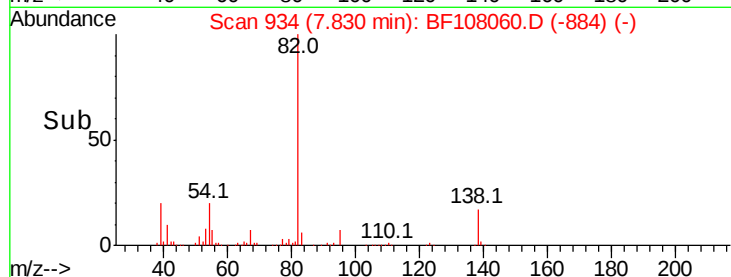
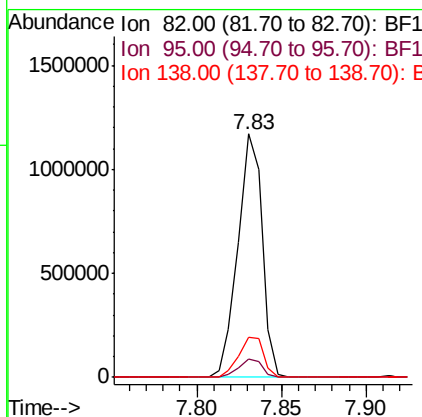
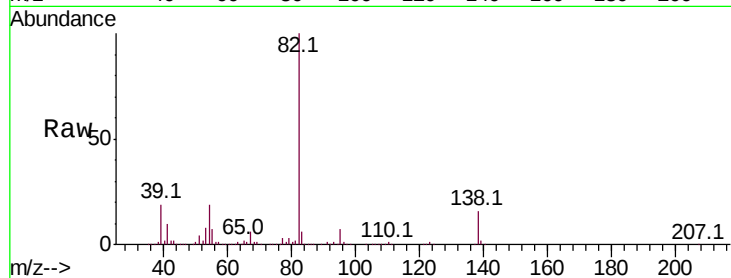
138 16.3 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 34.199 ng

RT: 7.91 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

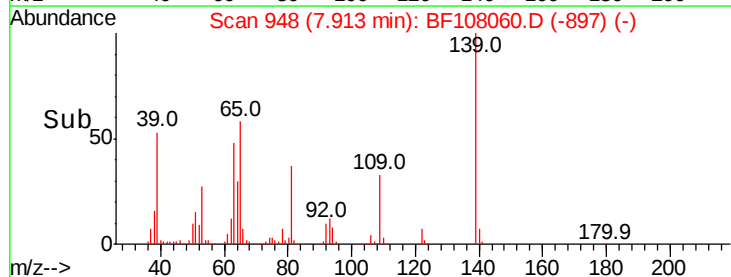
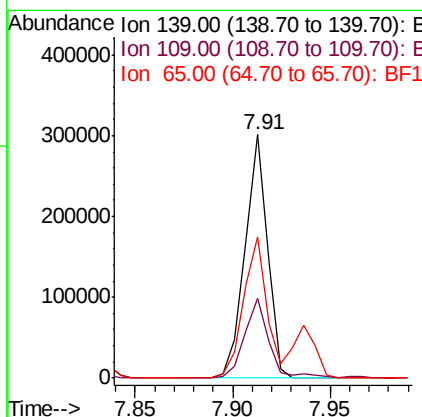
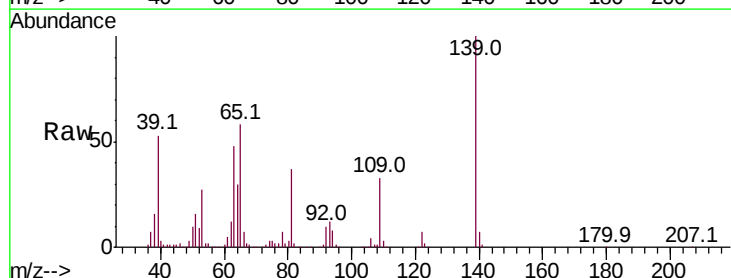
Tgt Ion: 139 Resp: 242122

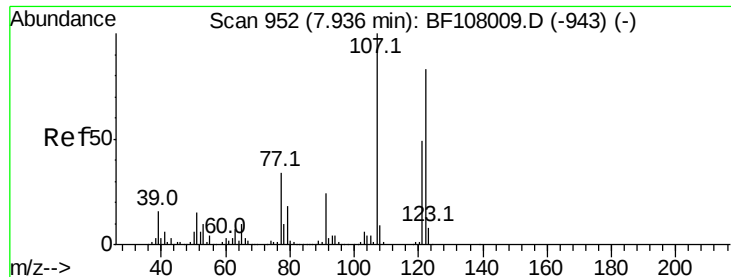
Ion Ratio Lower Upper

139 100

109 32.8 22.7 34.1

65 58.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 33.891 ng

RT: 7.94 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

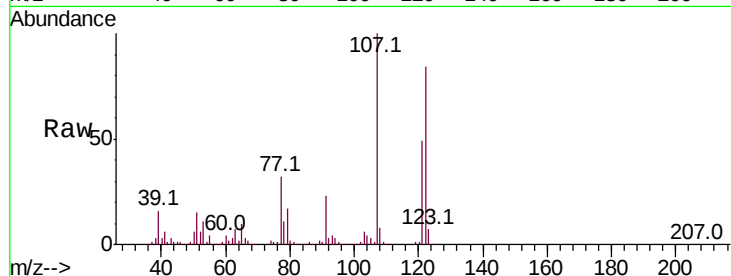
ClientSampleId :

JTY-SB-03-04-05-1-11MS

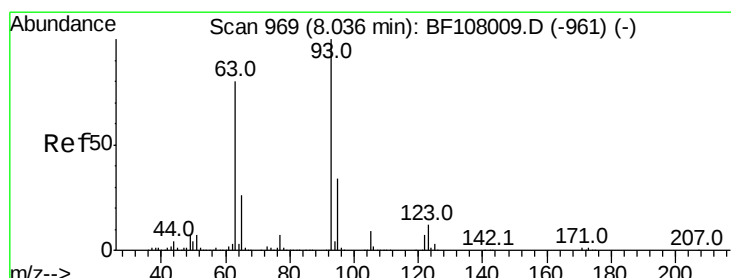
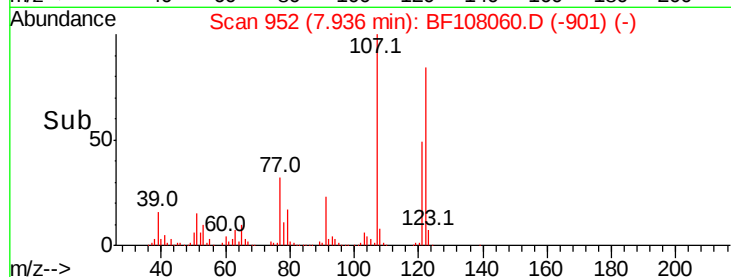
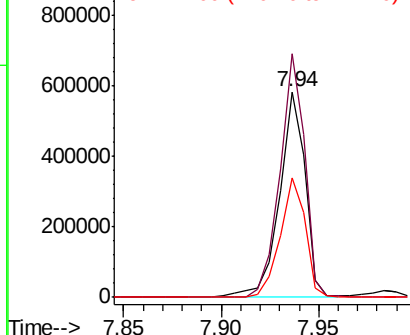
Tot Ion:	122	Resp:	531521
Ion Ratio	Lower	Upper	
122	100		
107	118.6	91.2	136.8
121	58.2	47.2	70.8

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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: 34.782 ng

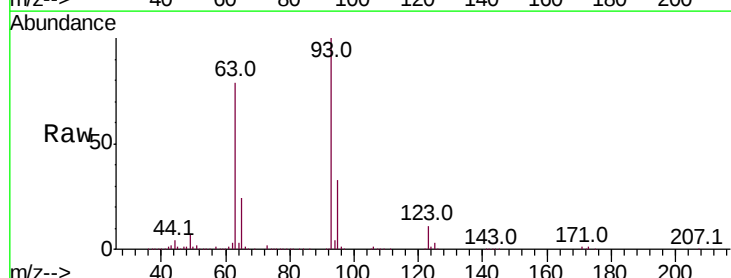
RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

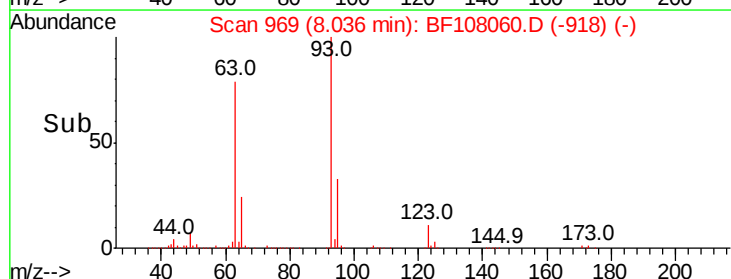
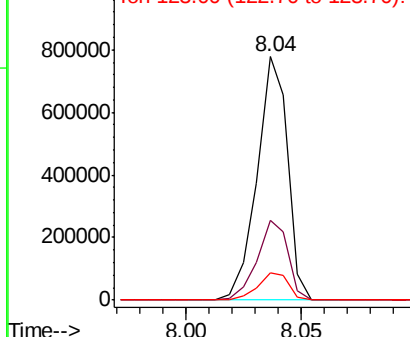
Lab File: BF108060.D

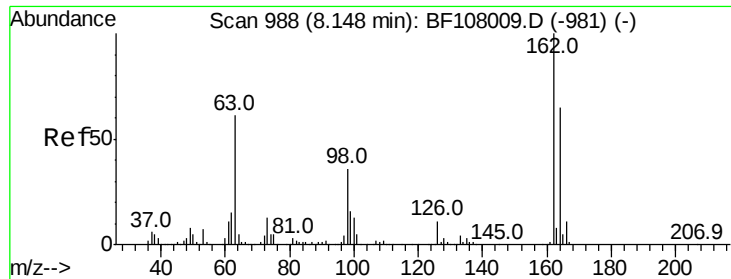
Acq: 9 Aug 2018 18:44

Tgt Ion:	93	Resp:	717503
Ion Ratio	Lower	Upper	
93	100		
95	32.9	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





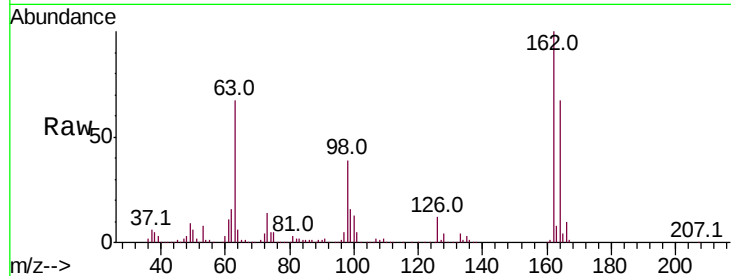
#29
2,4-Dichlorophenol
Concen: 34.530 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	498373		
164	66.6		42.7	82.7
98	39.3		18.1	58.1

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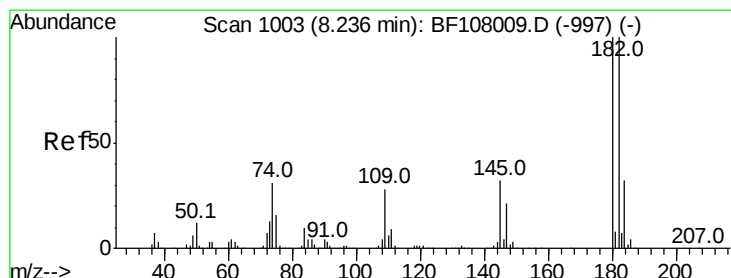
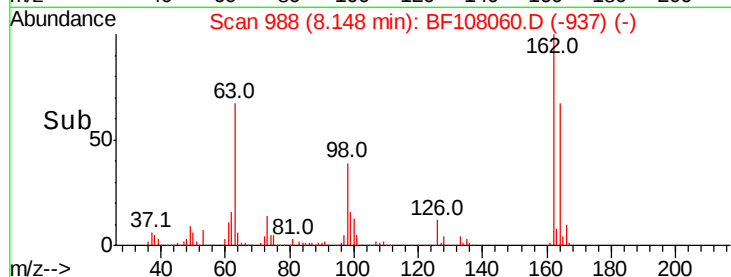
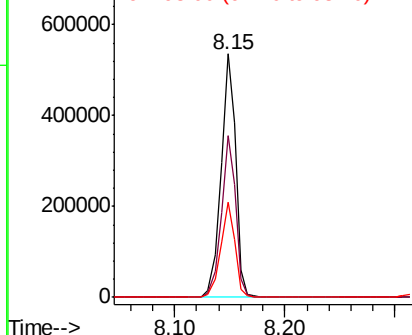


Abundance

Ion 162.00 (161.70 to 162.70): E

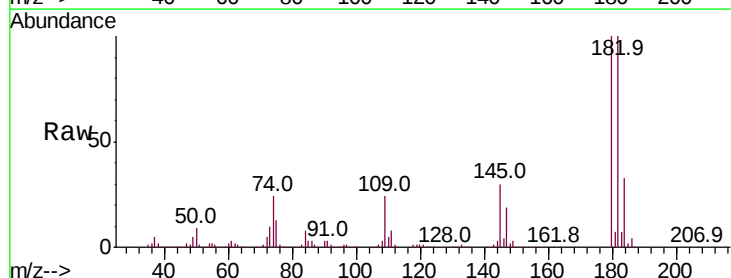
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 32.933 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	524049		
182	100.1		76.8	115.2
145	30.1		26.5	39.7

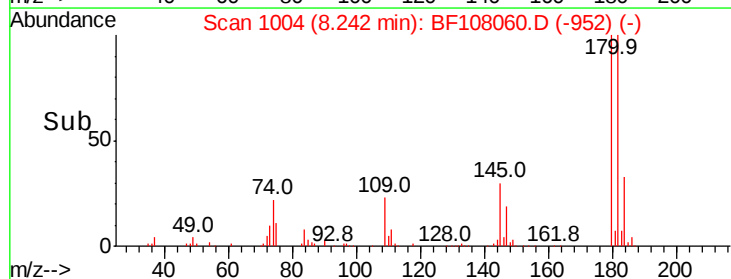
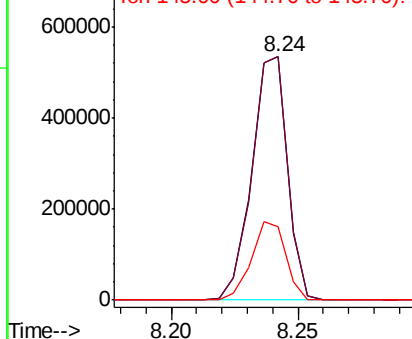


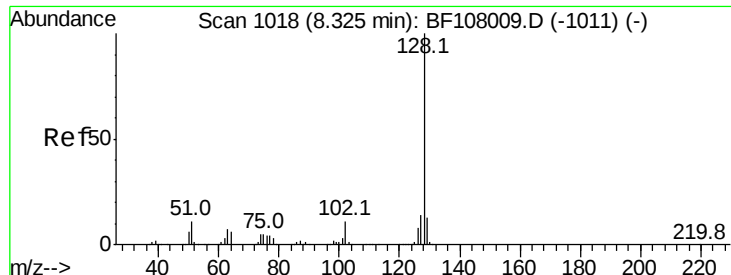
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





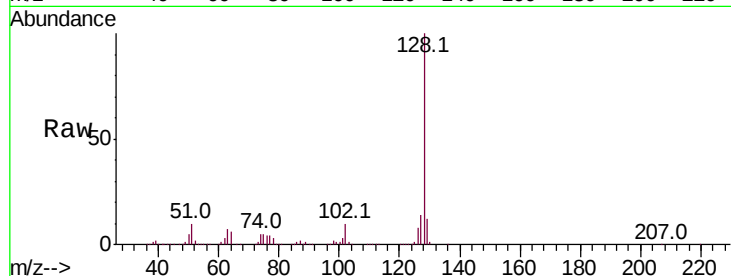
#31
Naphthalene
Concen: 33.884 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	14.2	10.9	16.3

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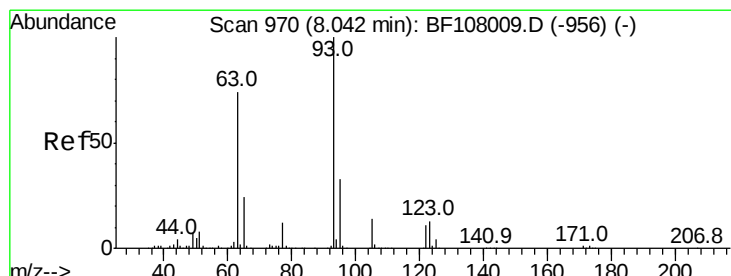
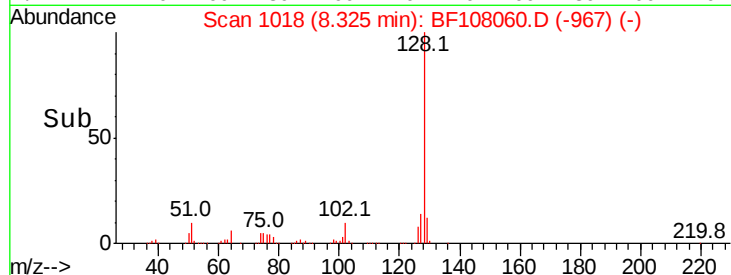
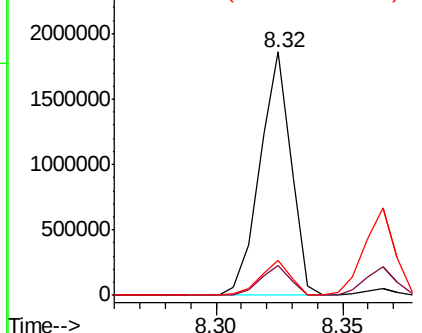


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 8.656 ng m
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

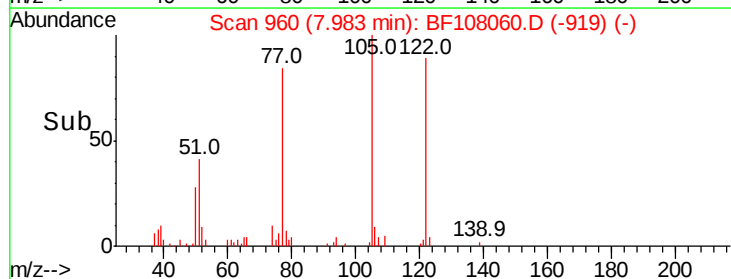
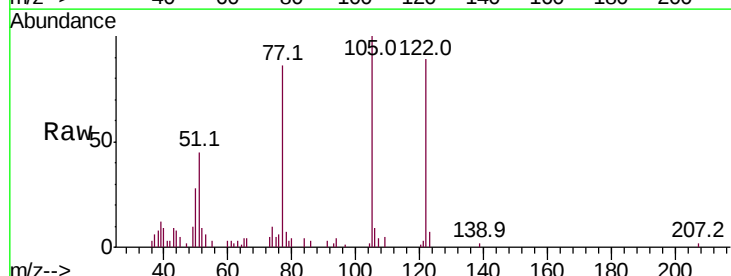
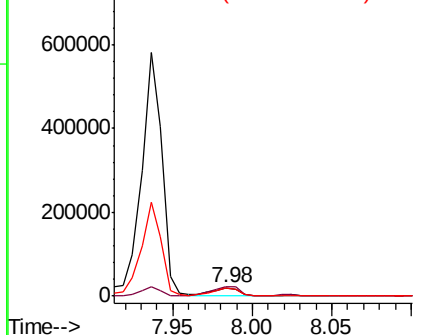
Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.1	101.1	141.1
77	96.0	70.7	110.7

Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





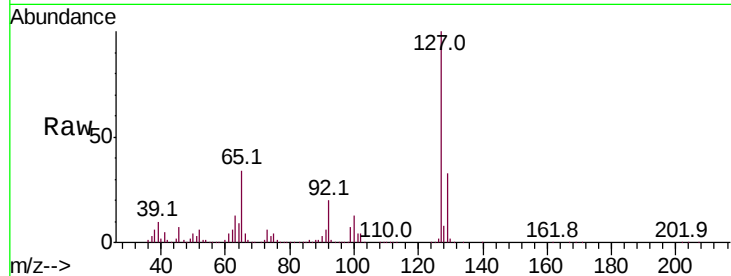
#33
4-Chloroaniline
Concen: 27.319 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	34.0	25.0	37.4	
92	20.2	15.2	22.8	

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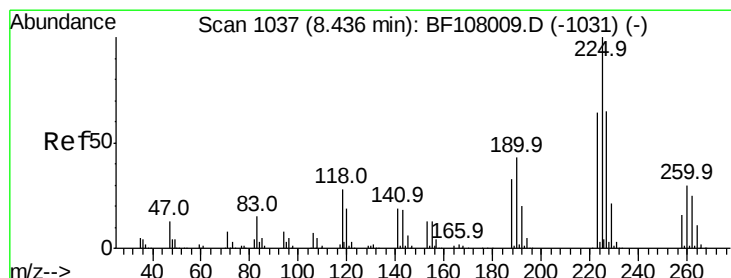
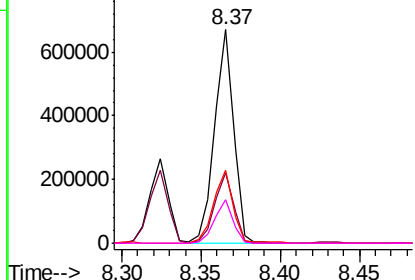
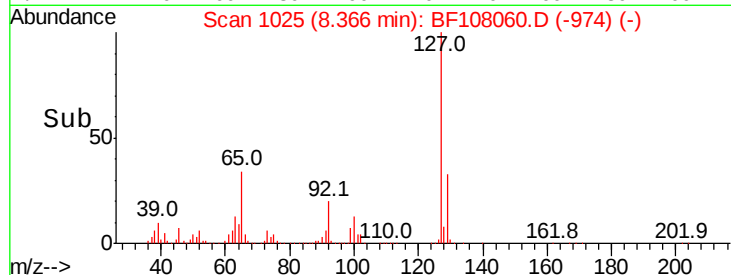
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

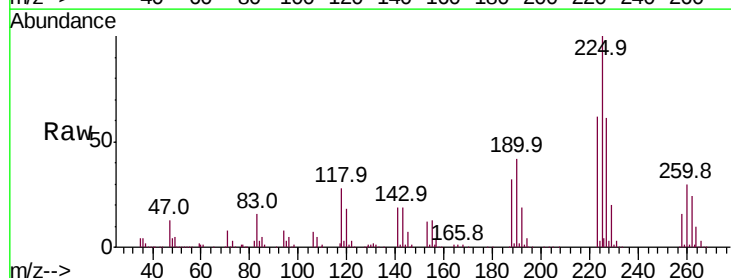
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 32.747 ng
RT: 8.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	50.6	76.0	
227	61.2	51.9	77.9	

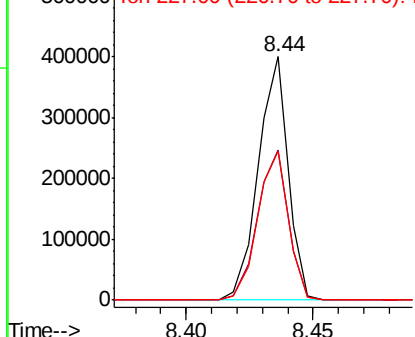
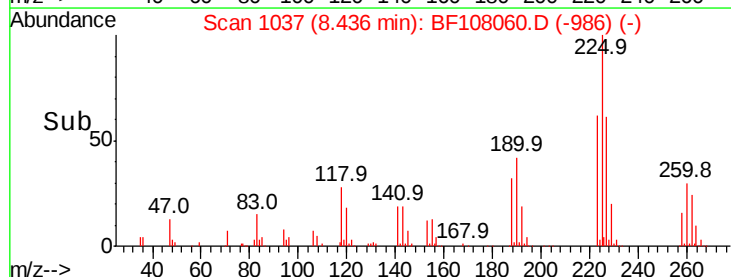


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.252 ng

RT: 8.72 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

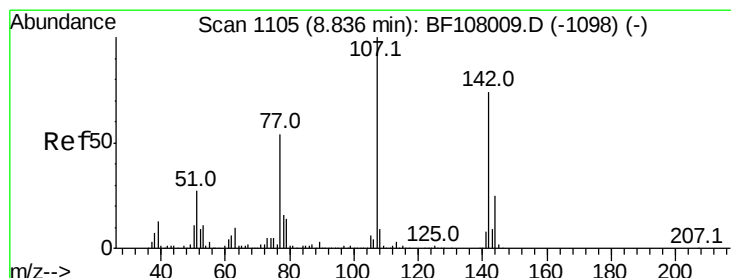
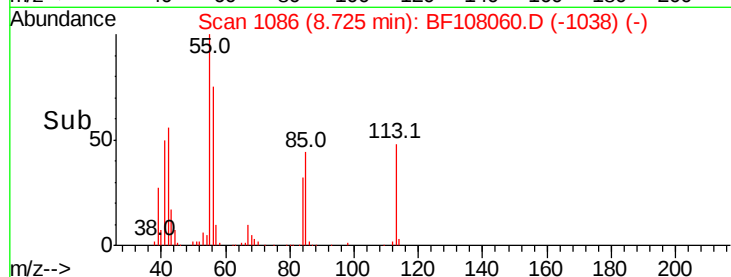
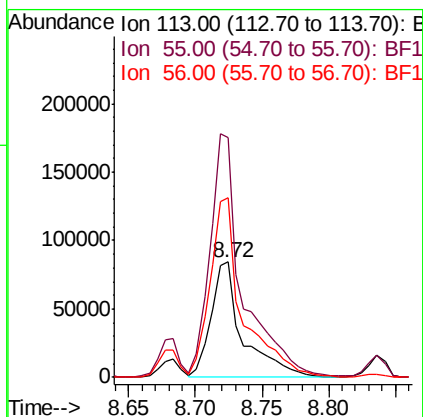
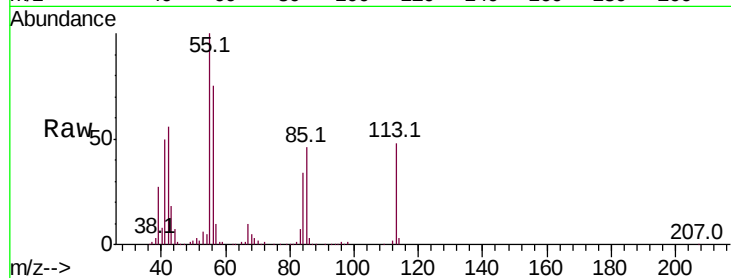
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	207.8	163.3	203.3#	
56	155.5	115.7	155.7	

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#36

4-Chloro-3-methylphenol

Concen: 33.142 ng

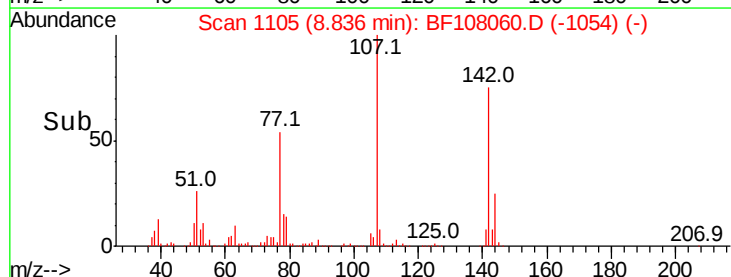
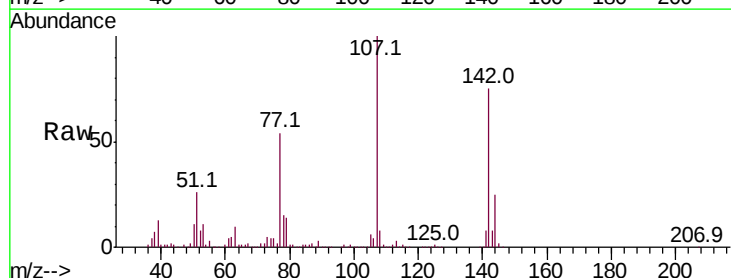
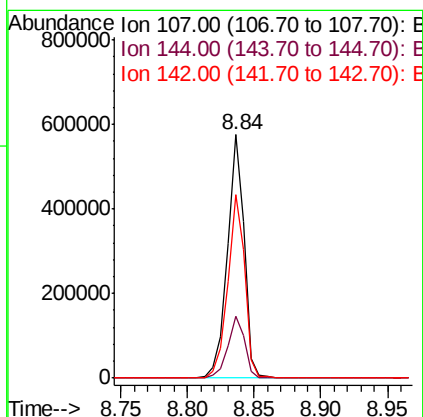
RT: 8.84 min Scan# 1105

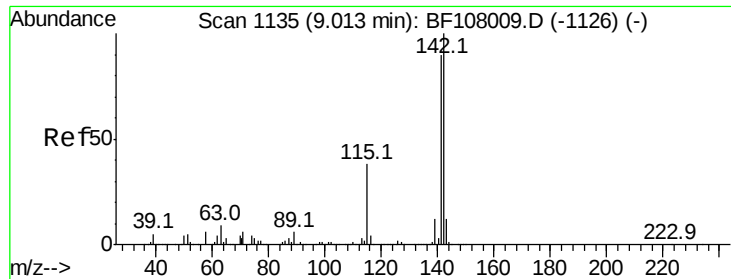
Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.4	20.5	30.7	
142	75.4	62.0	93.0	





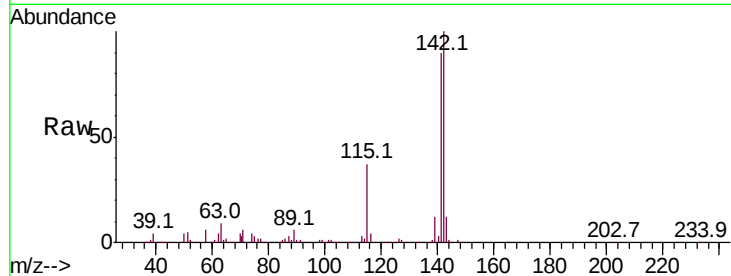
#37
2-Methylnaphthalene
Concen: 32.196 ng
RT: 9.01 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	37.0	26.1	39.1

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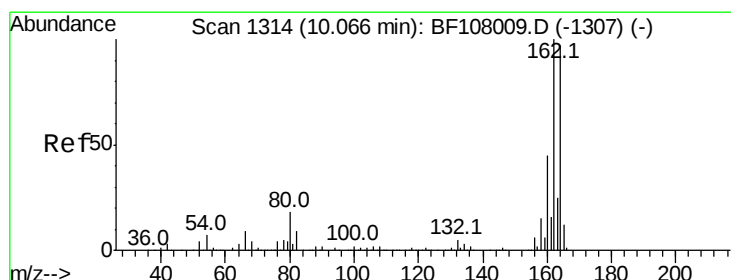
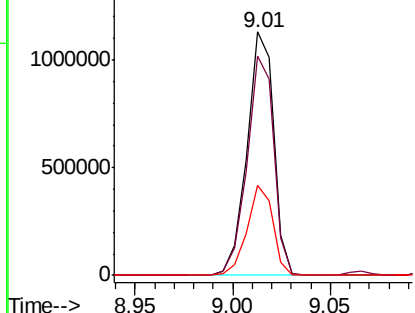
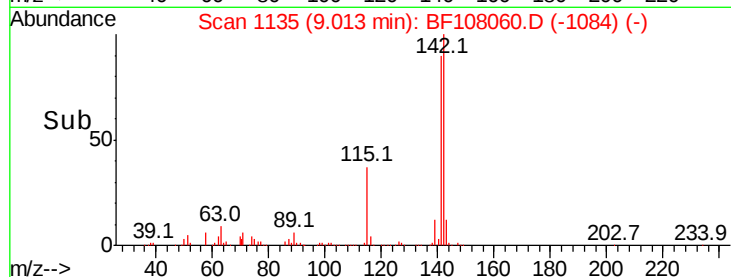


Abundance

Ion 142.00 (141.70 to 142.70): E

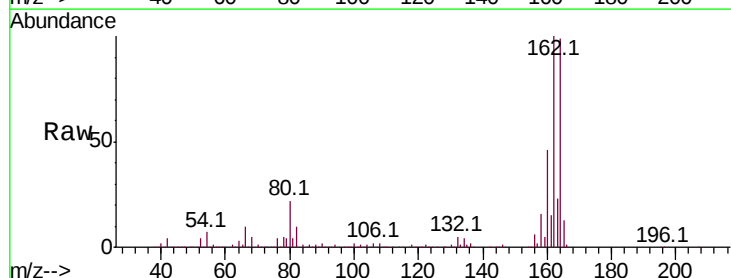
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

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

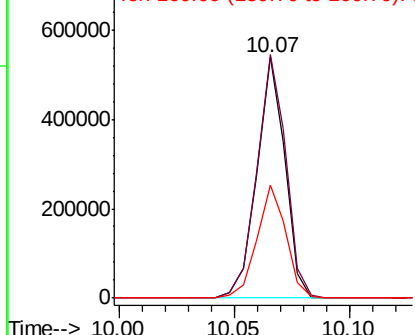
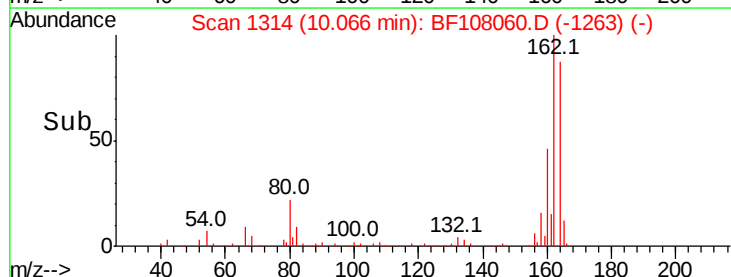


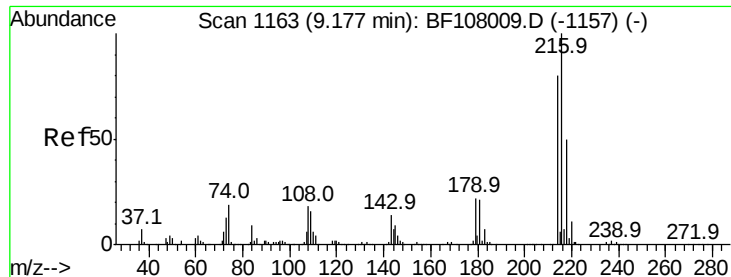
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





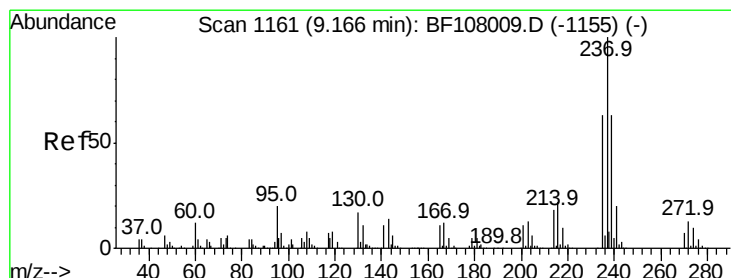
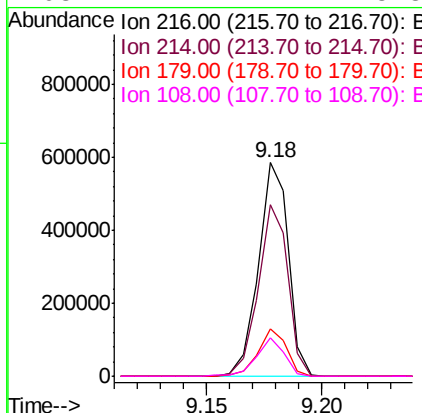
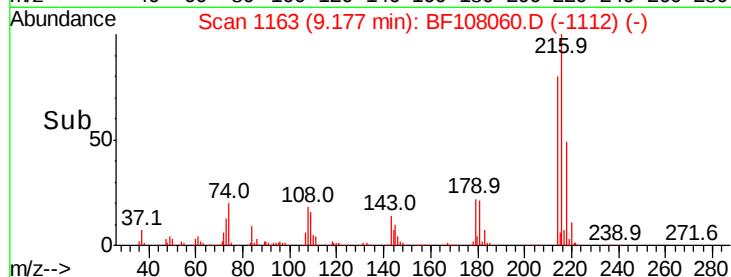
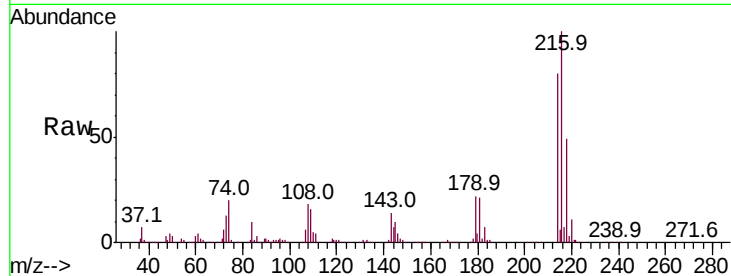
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.671 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.0	94.4
179	21.3	18.1	27.1
108	17.1	17.2	25.8#

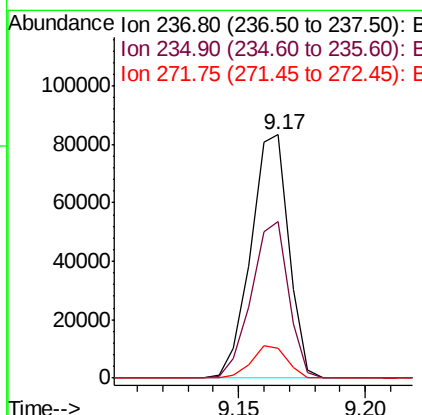
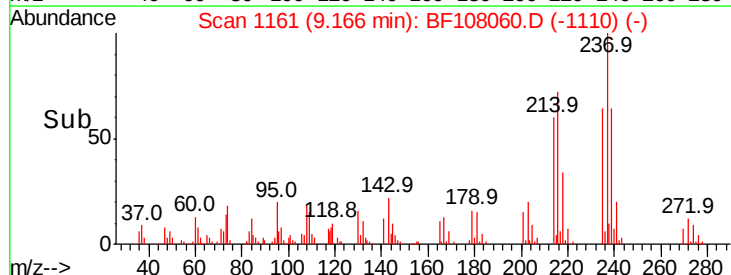
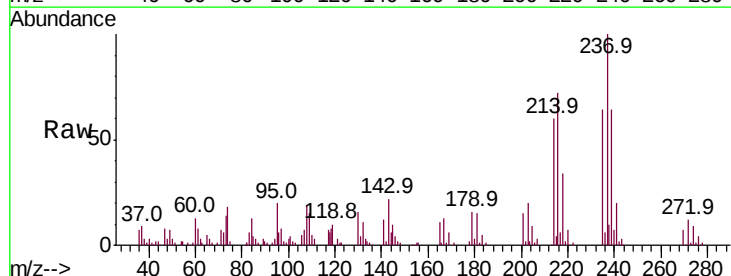
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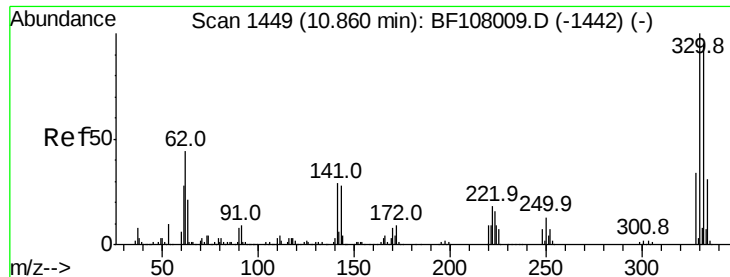
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#40
 Hexachlorocyclopentadiene
 Concen: 9.601 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	44.8	84.8
272	12.2	0.0	33.3





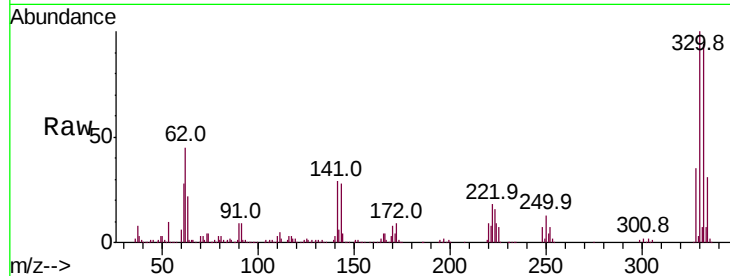
#41
 2,4,6-Tribromophenol
 Concen: 90.158 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

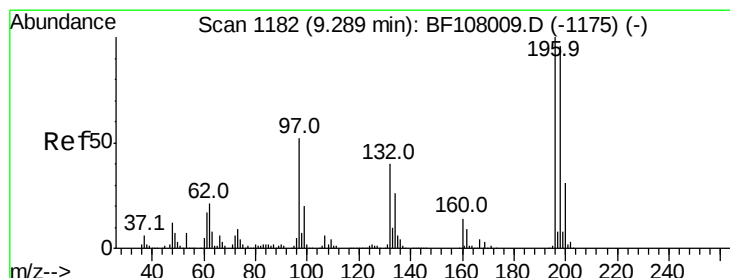
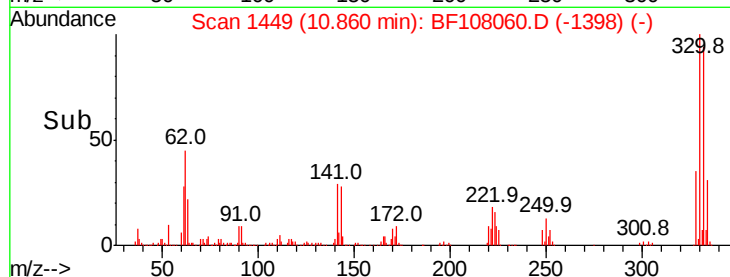
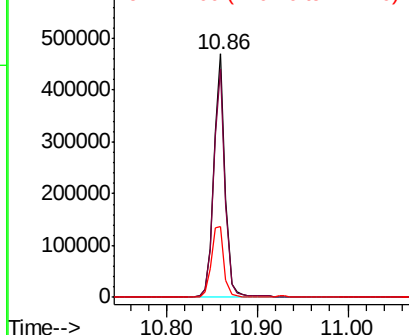
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	33.0	29.9	44.9	

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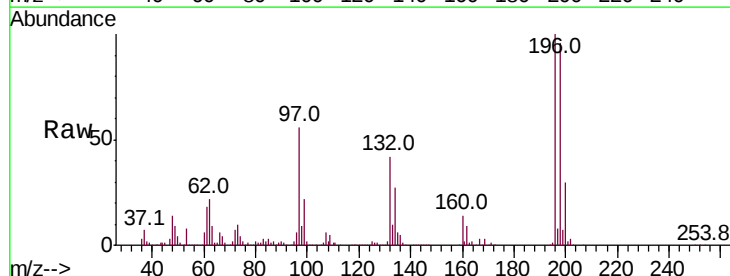


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

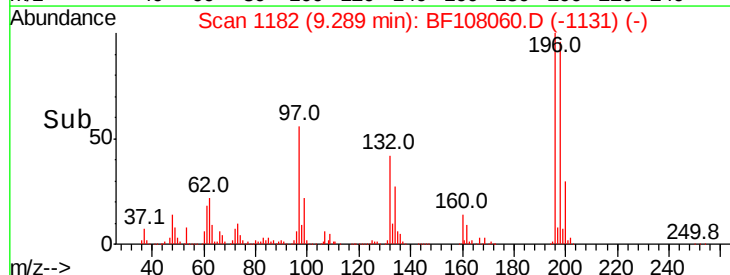
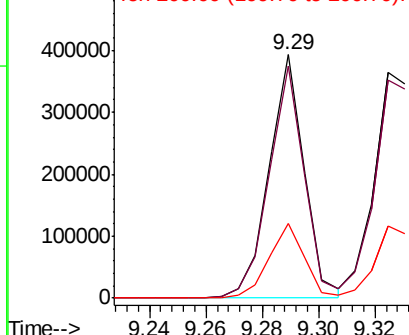


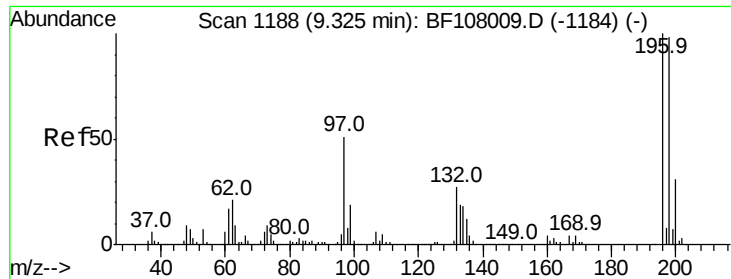
#42
 2,4,6-Trichlorophenol
 Concen: 38.916 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.5	75.7	113.5	
200	30.4	24.5	36.7	



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





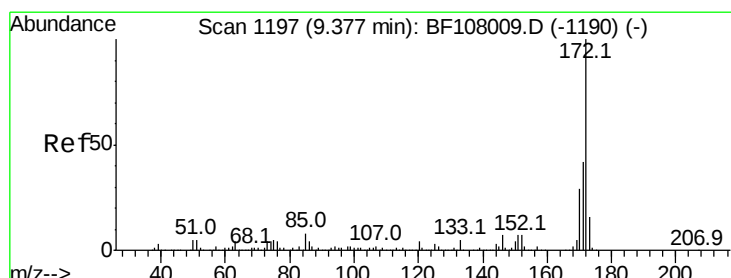
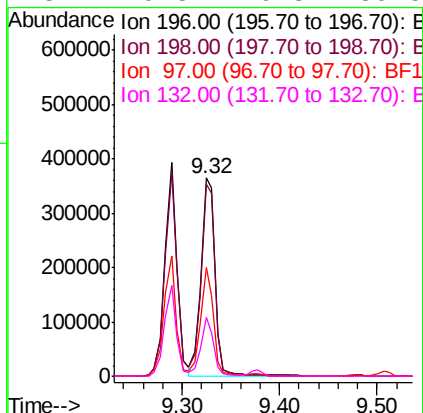
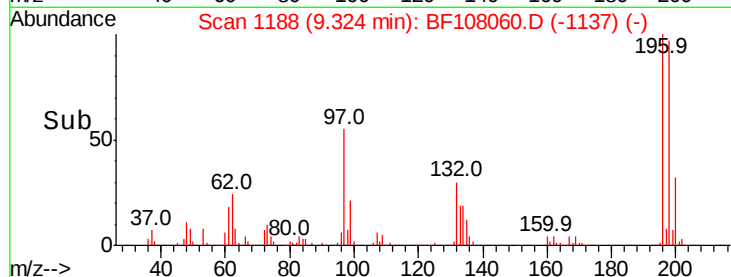
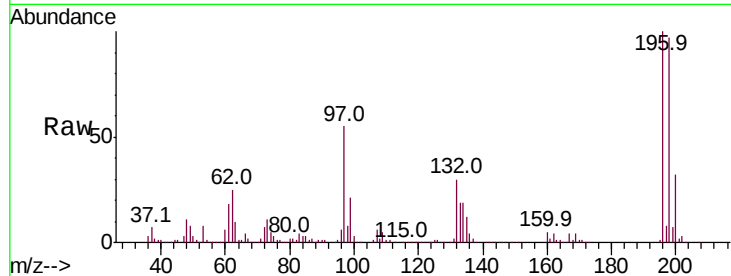
#43
2,4,5-Trichlorophenol
Concen: 37.642 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	361342		
198	96.6	74.6	112.0	
97	54.9	42.9	64.3	
132	29.8	26.3	39.5	

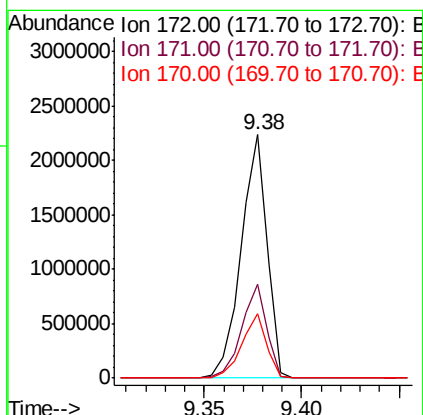
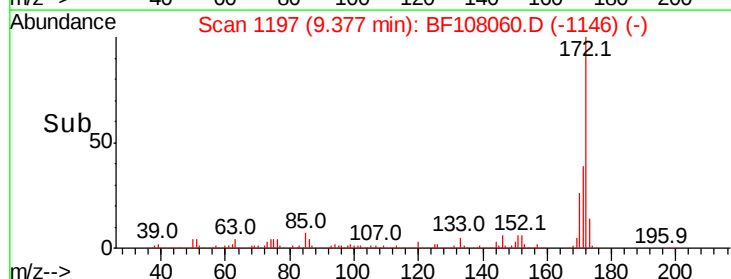
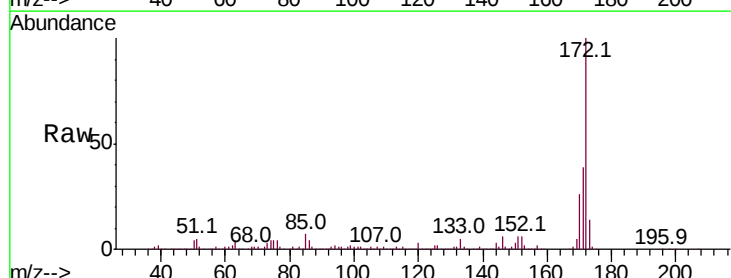
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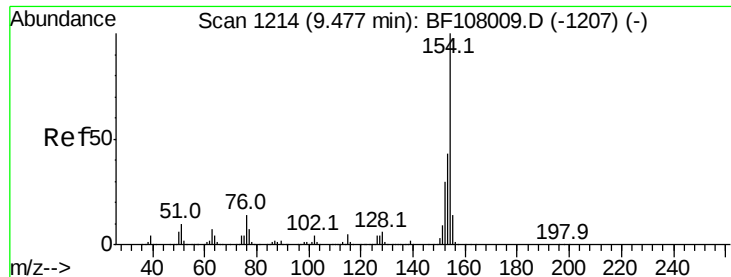
Sohil
8/10/2018 12:13:20 PM



#44
2-Fluorobiphenyl
Concen: 72.140 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2056162		
171	38.6	29.7	44.5	
170	26.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 37.883 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion:154 Resp: 1278141

Ion Ratio Lower Upper

154 100

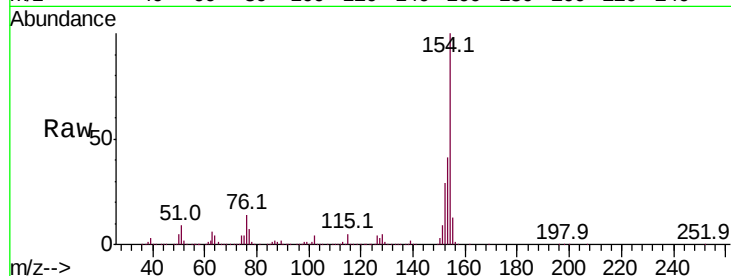
153 40.9 21.3 61.3

76 13.8 0.0 34.0

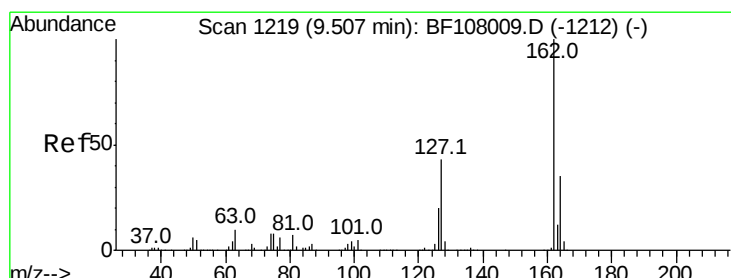
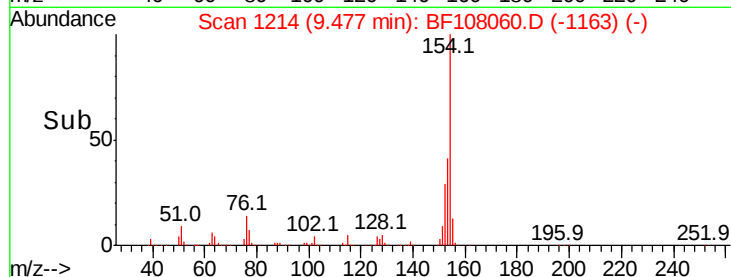
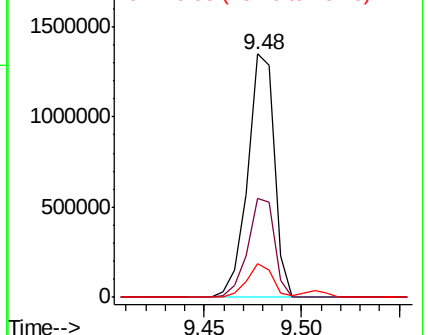
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.307 ng

RT: 9.51 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

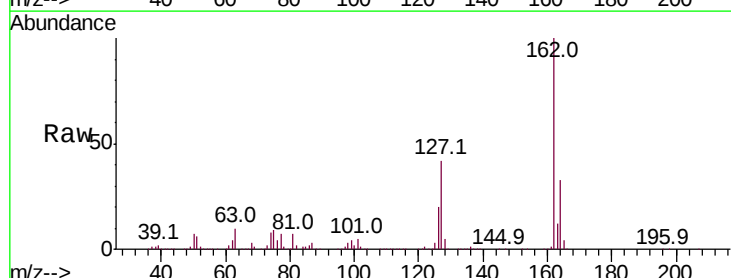
Tgt Ion:162 Resp: 968150

Ion Ratio Lower Upper

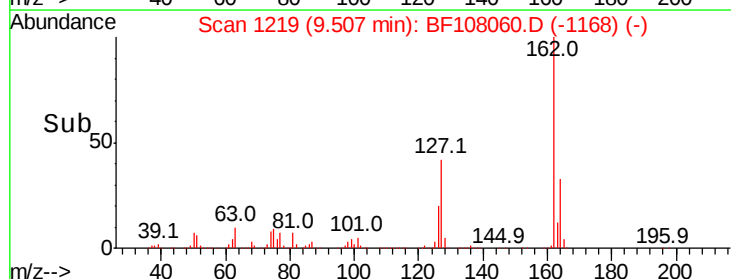
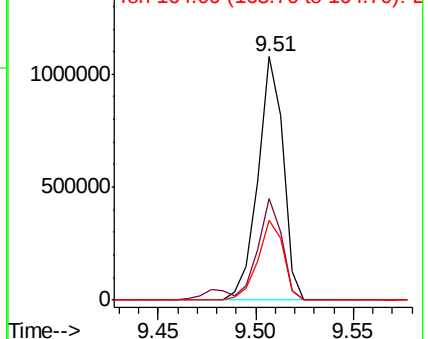
162 100

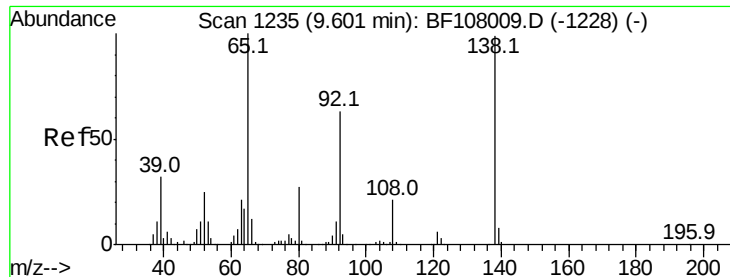
127 41.6 33.9 50.9

164 32.6 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





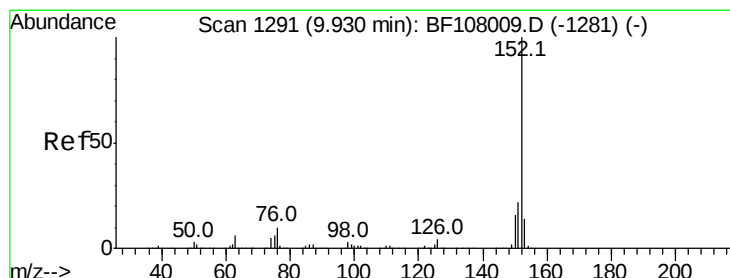
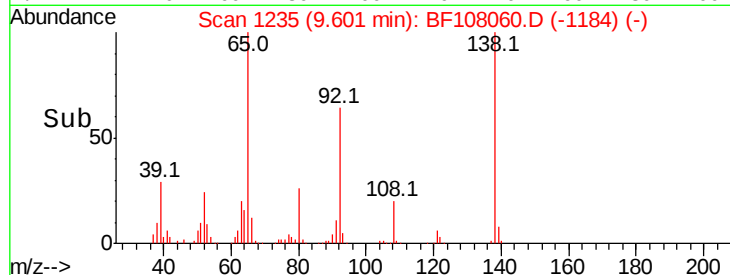
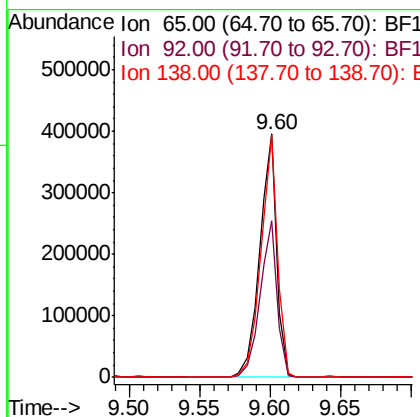
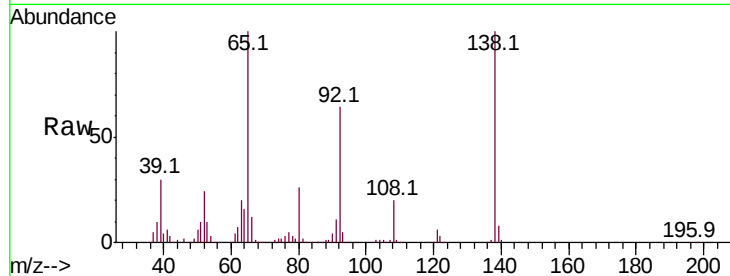
#47
2-Nitroaniline
Concen: 39.036 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	55.8	83.6
138	99.6	91.2	136.8

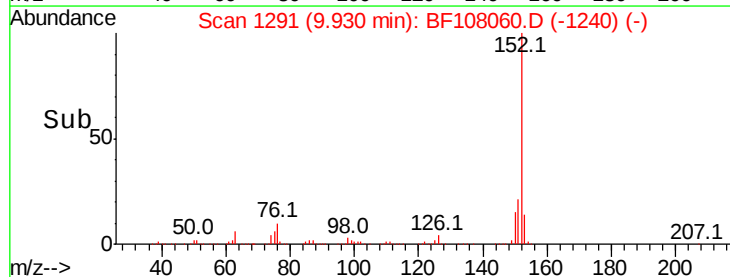
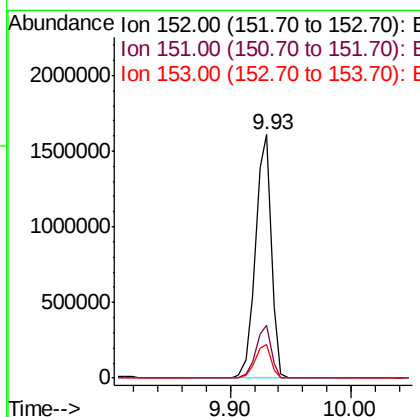
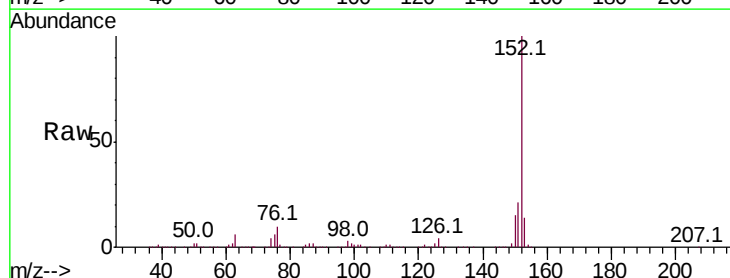
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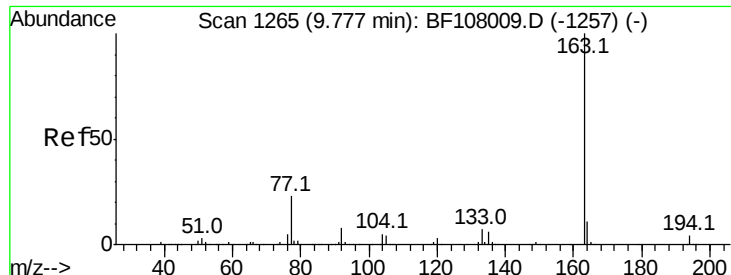
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#48
Acenaphthylene
Concen: 35.031 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	14.0	10.7	16.1





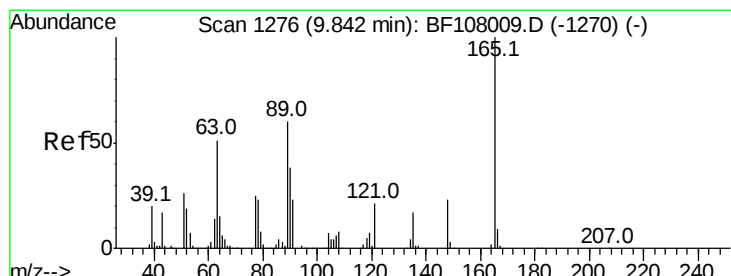
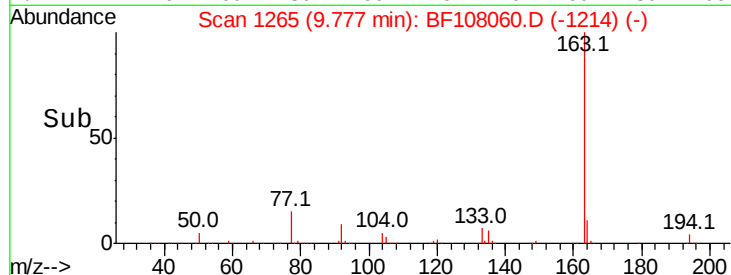
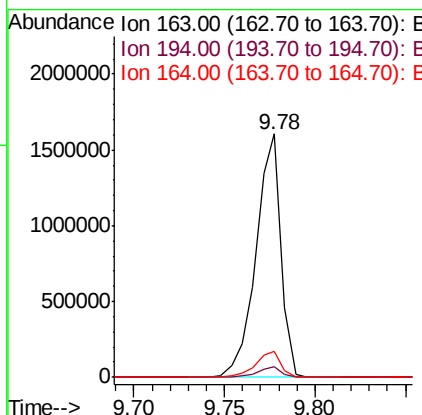
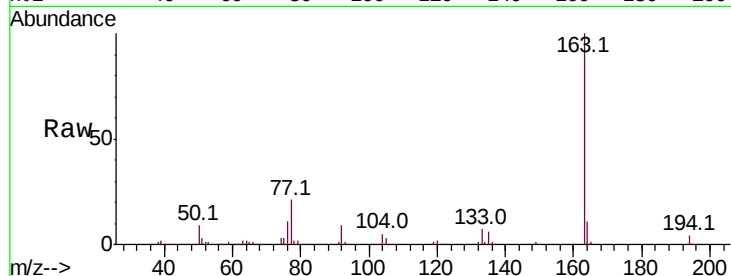
#49
Dimethylphthalate
Concen: 47.984 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion:163 Resp: 1529514
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.7 8.2 12.2

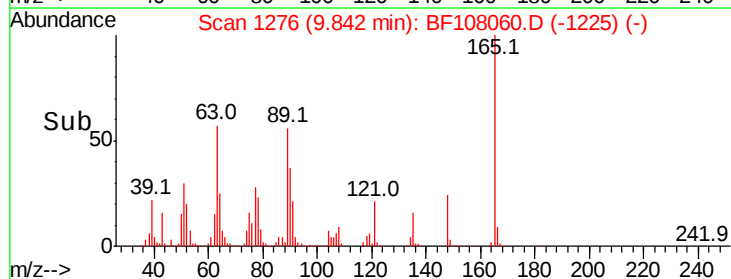
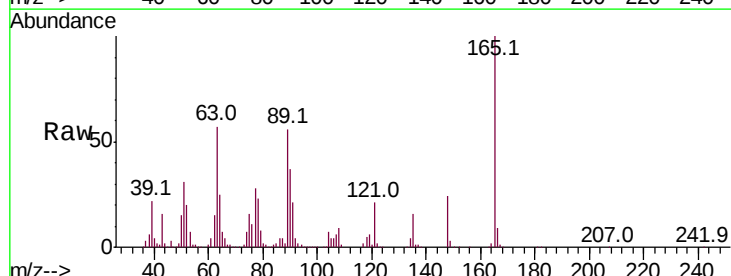
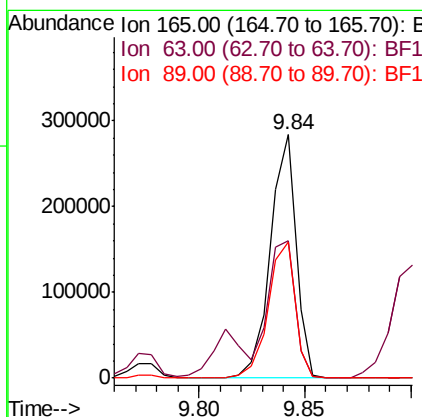
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#50
2,6-Dinitrotoluene
Concen: 36.211 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion:165 Resp: 241488
Ion Ratio Lower Upper
165 100
63 56.5 44.7 67.1
89 56.1 44.0 66.0





#51

Acenaphthene

Concen: 33.146 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

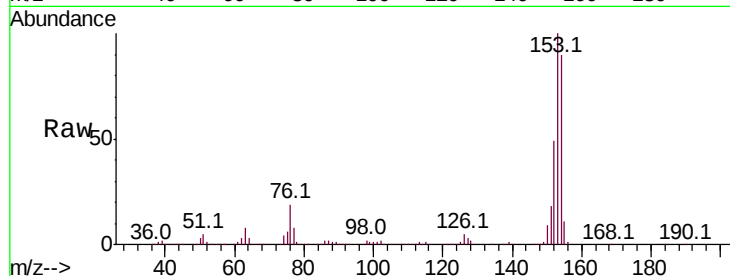
ClientSampleId :

JTY-SB-03-04-05-1-11MS

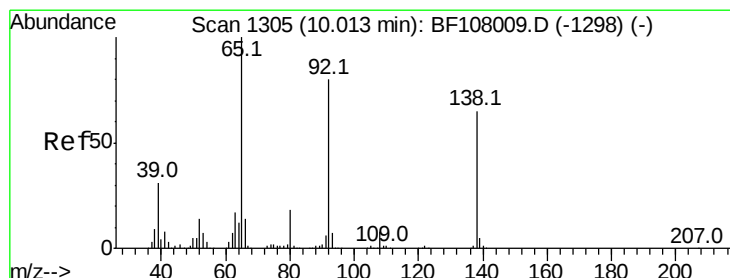
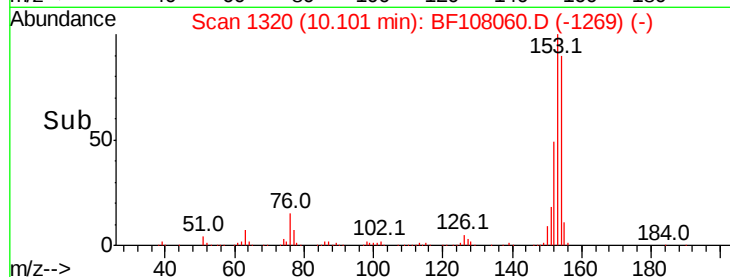
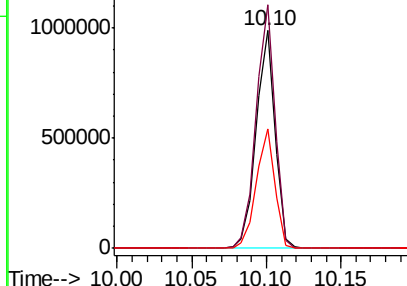
Tot Ion:	154	Resp:	855859
Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.2	136.8
152	55.1	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.623 ng

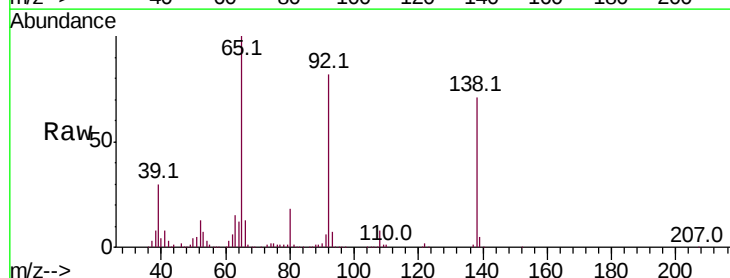
RT: 10.01 min Scan# 1305

Delta R.T. -0.00 min

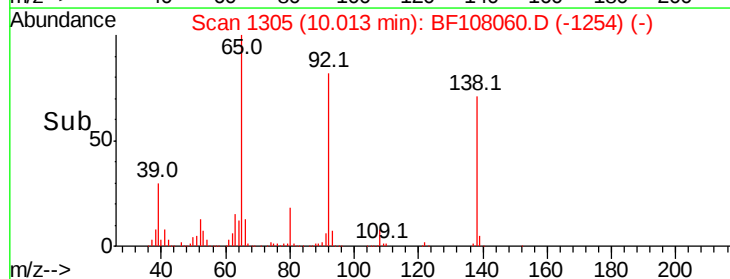
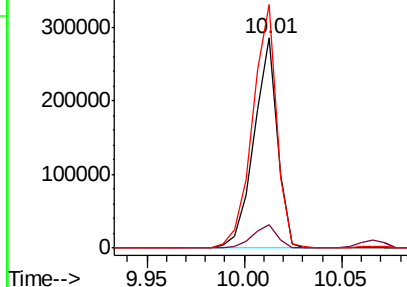
Lab File: BF108060.D

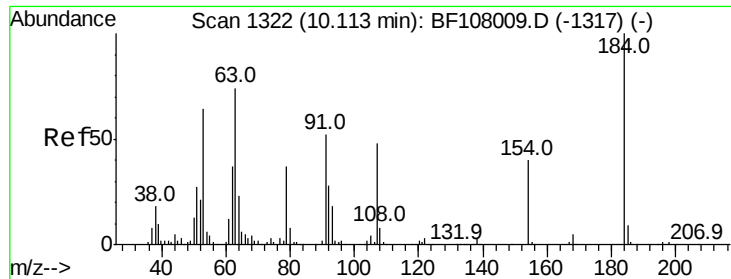
Acq: 9 Aug 2018 18:44

Tgt Ion:	138	Resp:	238041
Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	115.8	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
400000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





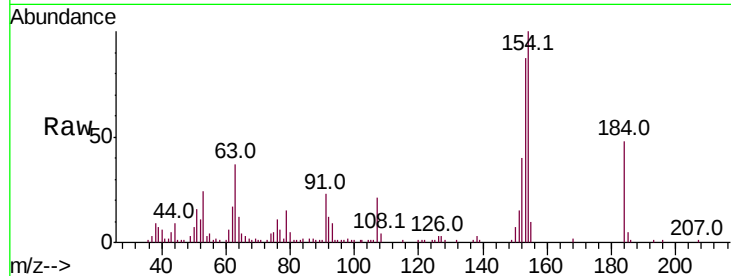
#53
 2,4-Dinitrophenol
 Concen: 12.398 ng
 RT: 10.11 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

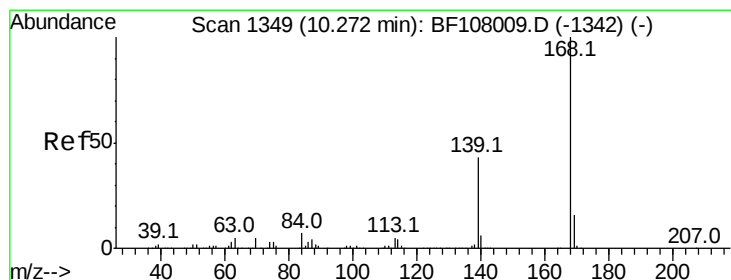
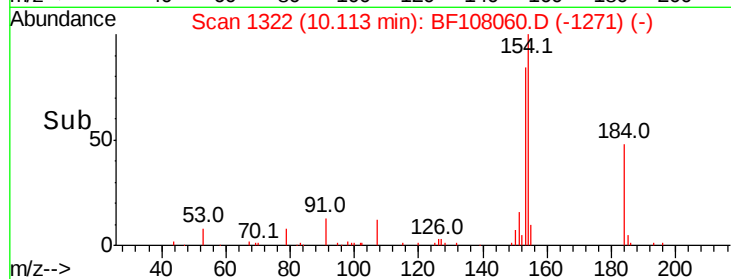
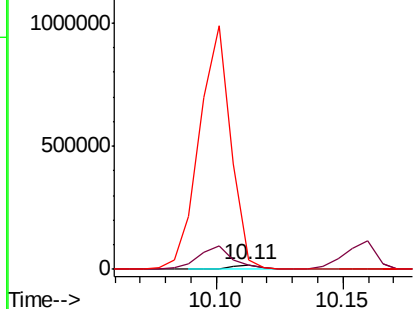
Tot Ion	Ratio	Lower	Upper
184	100		
63	78.3	54.2	81.2
154	209.8	184.0	276.0

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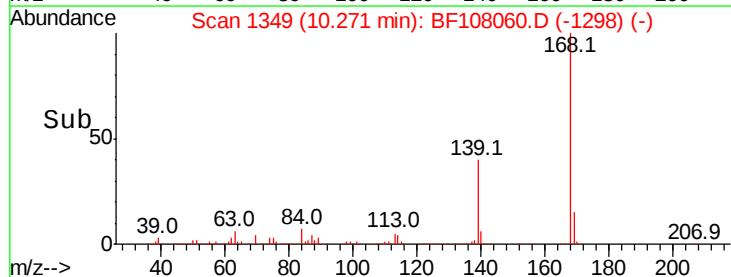
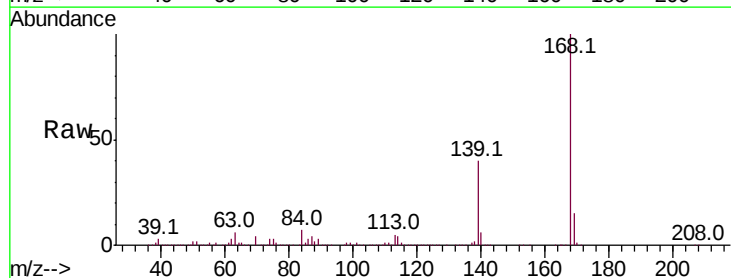
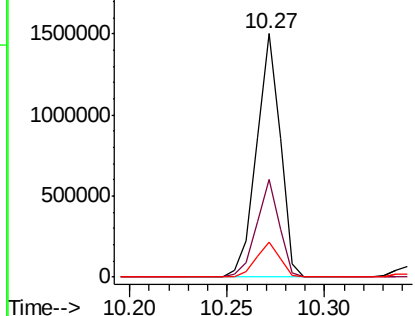
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

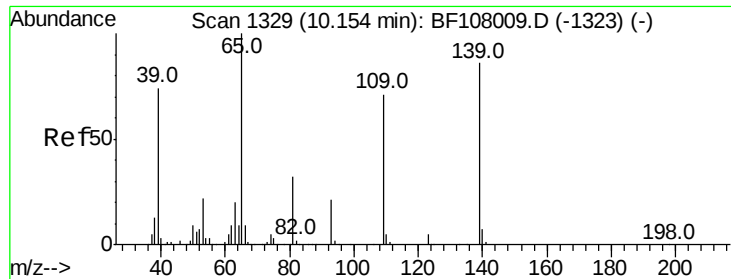


#54
 Dibenzofuran
 Concen: 33.713 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	14.6	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





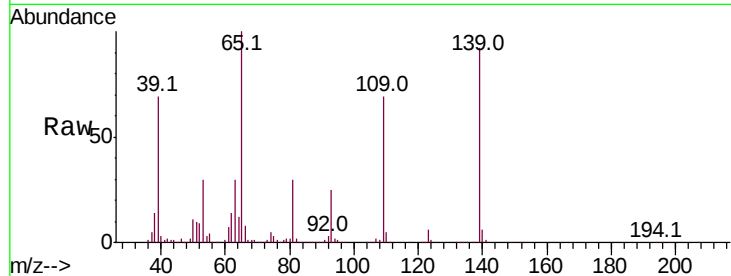
#55
4-Nitrophenol
Concen: 57.826 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	319515		
109	75.8	48.4	88.4	
65	109.2	72.6	112.6	

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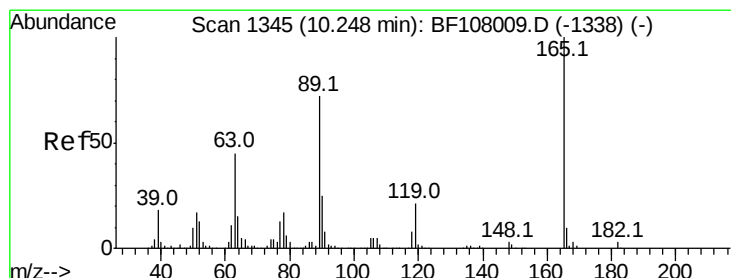
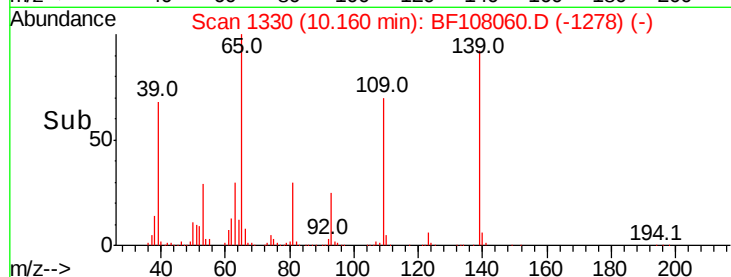
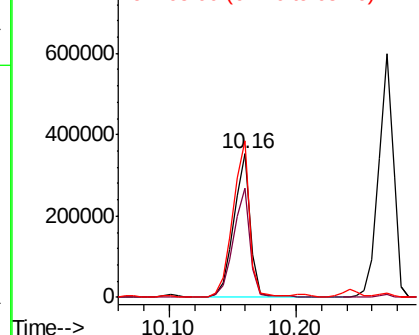


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 33.383 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	286571		
63	51.9	36.4	54.6	
89	81.9	57.8	86.6	
182	2.4	1.6	2.4	

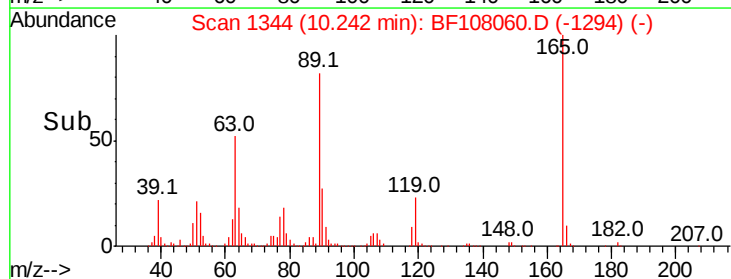
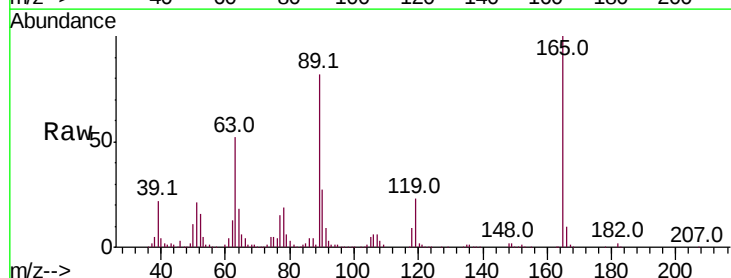
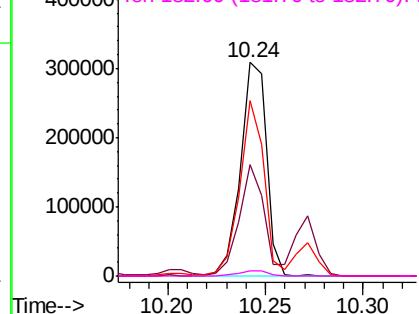
Abundance

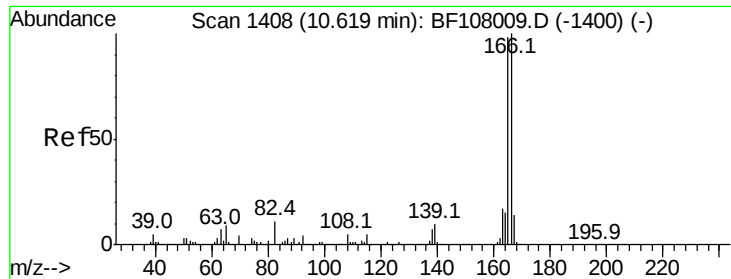
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.779 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

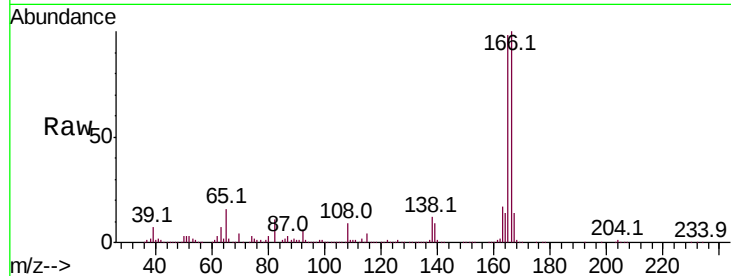
ClientSampleId :

JTY-SB-03-04-05-1-11MS

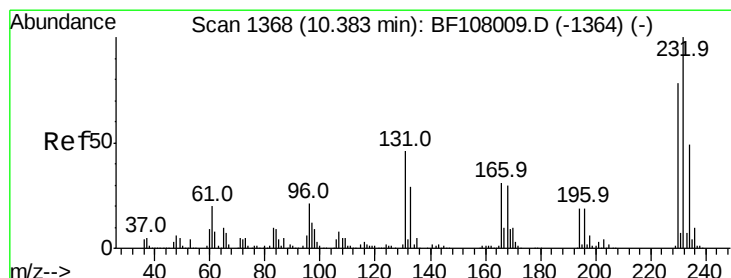
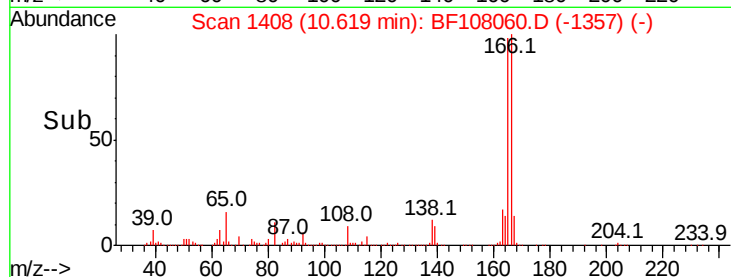
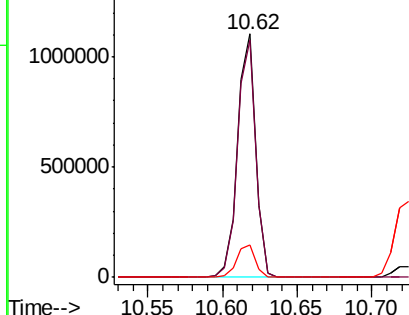
Tot Ion:	166	Resp:	941086
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.8	119.8
167	13.6	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
1500000
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: 32.107 ng

RT: 10.38 min Scan# 1368

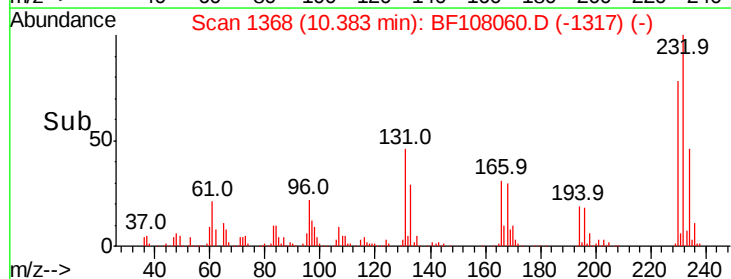
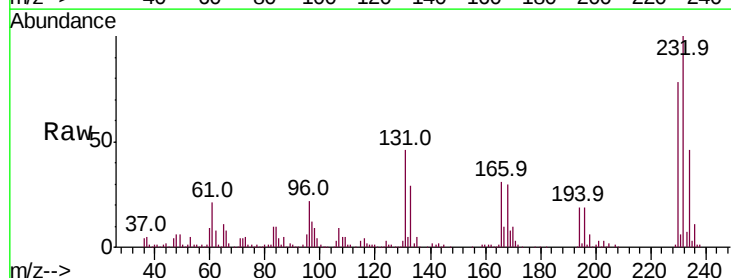
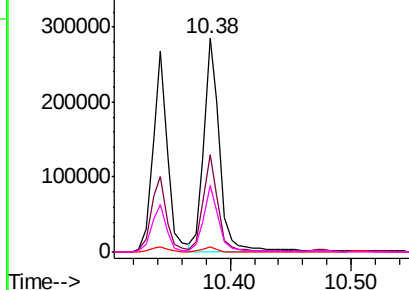
Delta R.T. -0.00 min

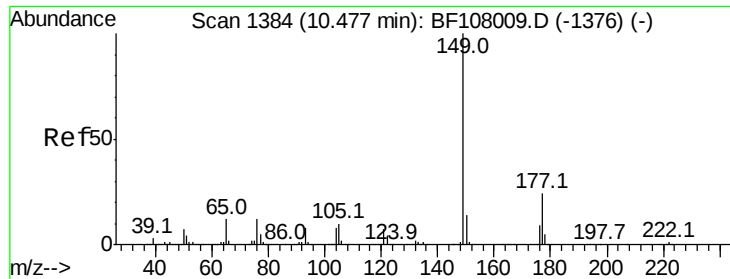
Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion:	232	Resp:	257603
Ion Ratio	Lower	Upper	
232	100		
131	42.7	43.8	65.8#
130	2.3	2.1	3.1
166	29.4	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
400000
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





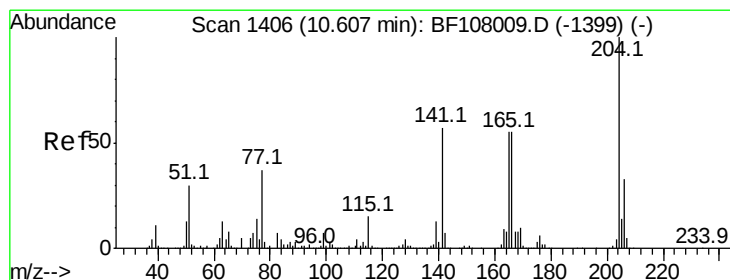
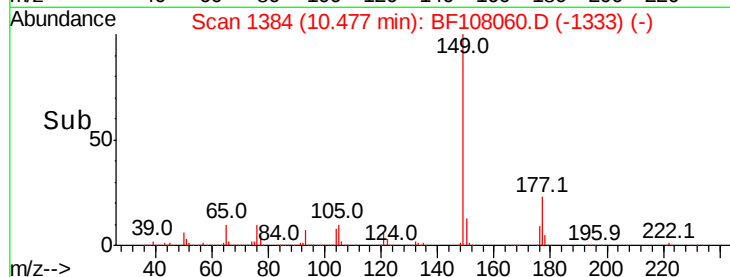
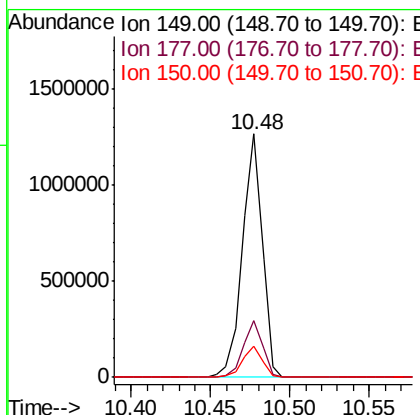
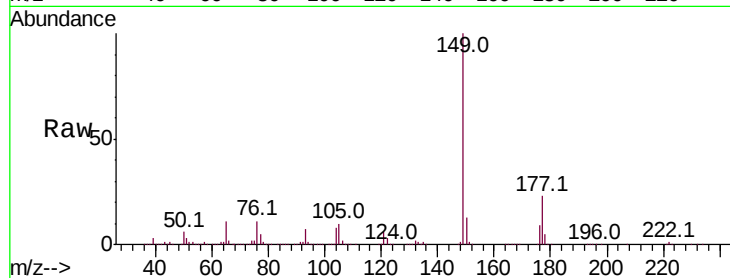
#59
Diethylphthalate
Concen: 35.384 ng
RT: 10.48 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion:149 Resp: 1092157
Ion Ratio Lower Upper
149 100
177 23.4 16.1 24.1
150 12.7 10.1 15.1

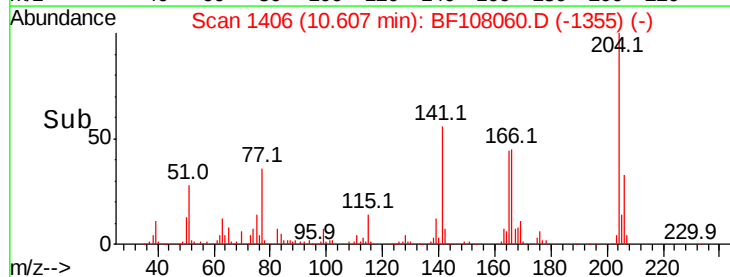
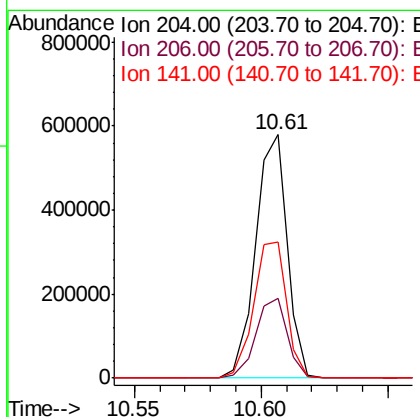
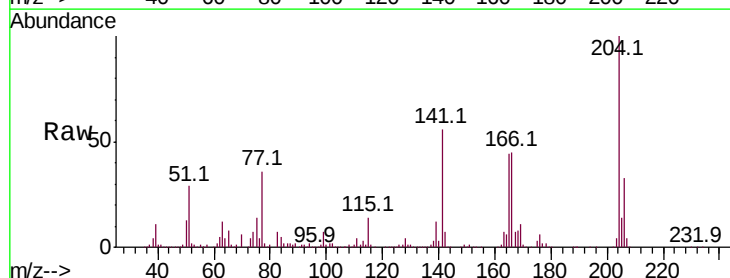
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 32.670 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion:204 Resp: 504117
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 55.9 54.6 81.8





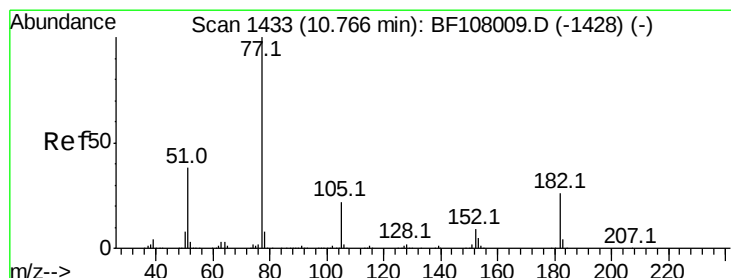
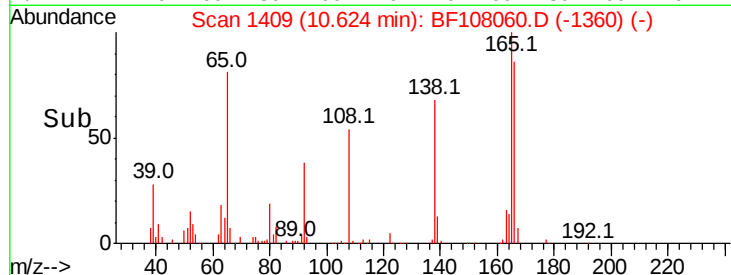
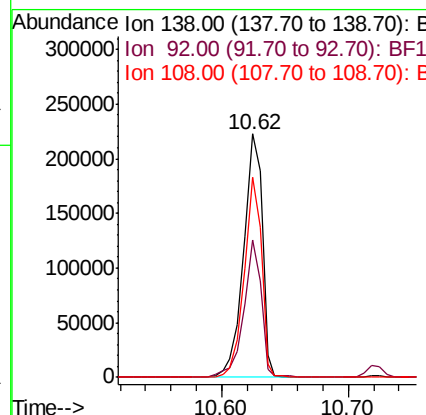
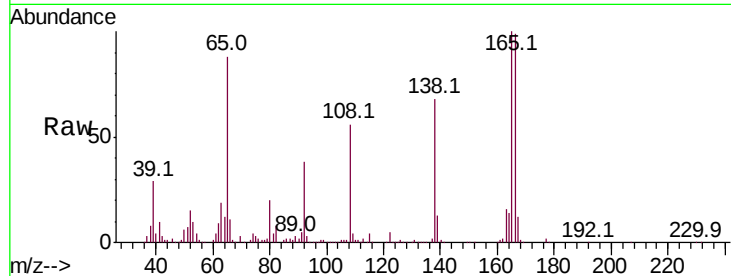
#61
4-Nitroaniline
Concen: 31.250 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.3	30.2	70.2
108	82.4	52.5	92.5

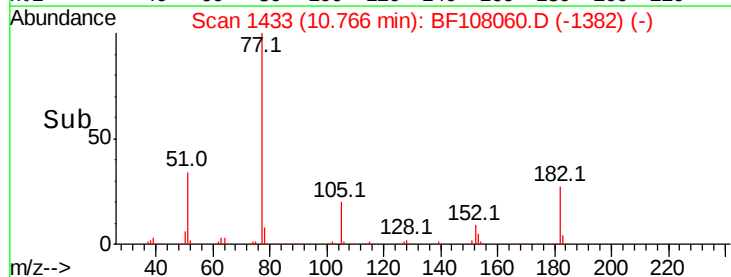
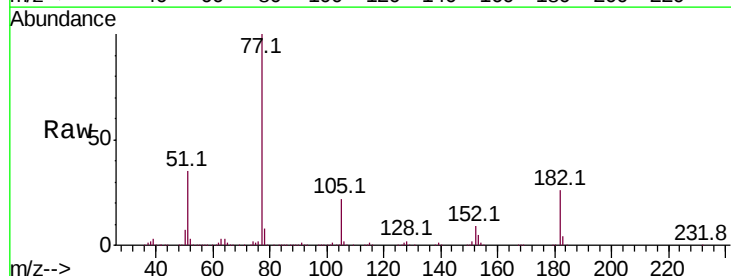
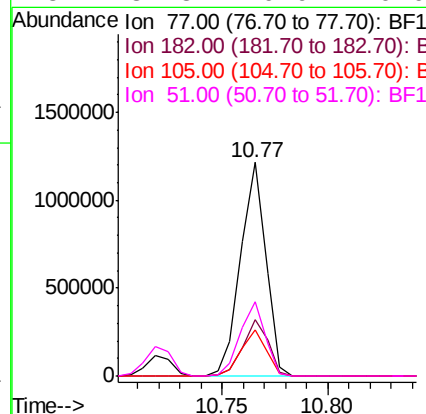
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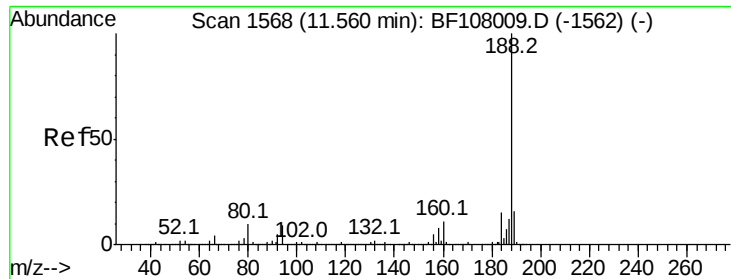
Sohil
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#62
Azobenzene
Concen: 31.571 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	21.6	3.0	43.0
51	34.8	9.9	49.9





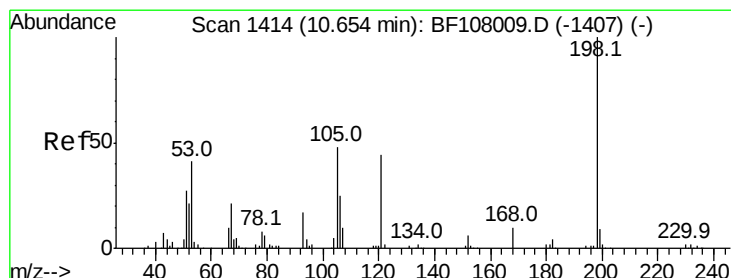
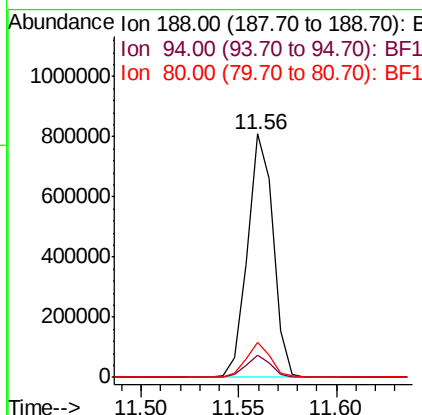
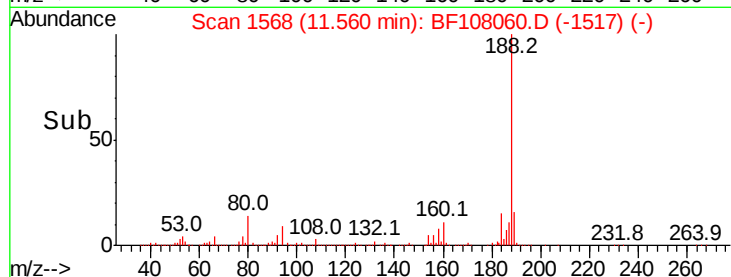
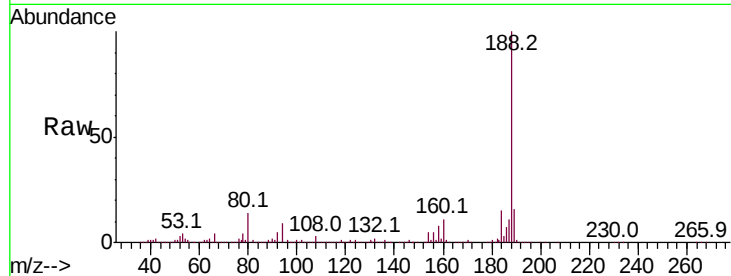
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	736670		
94	9.3		8.5	12.7
80	14.3		9.2	13.8

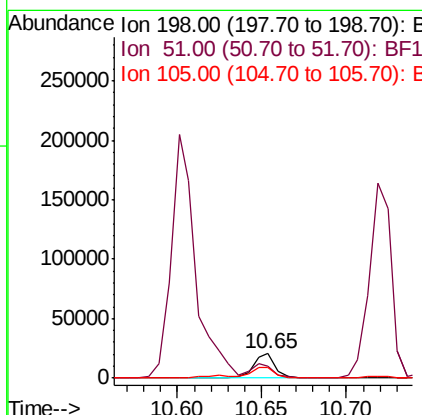
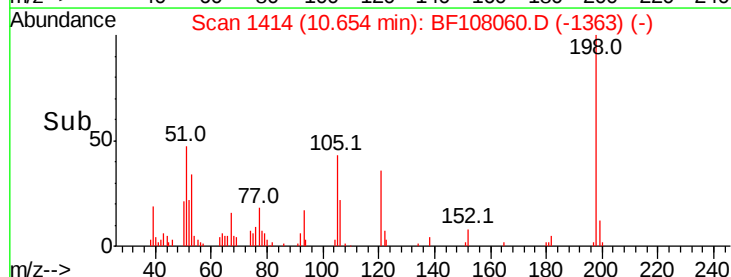
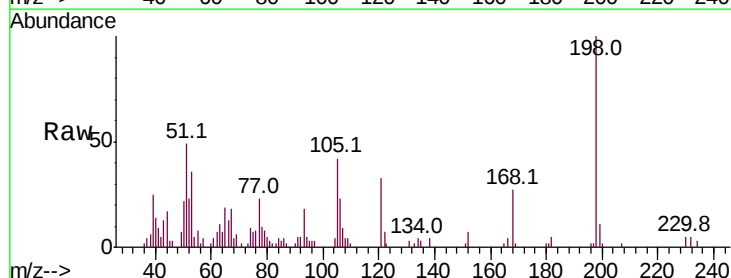
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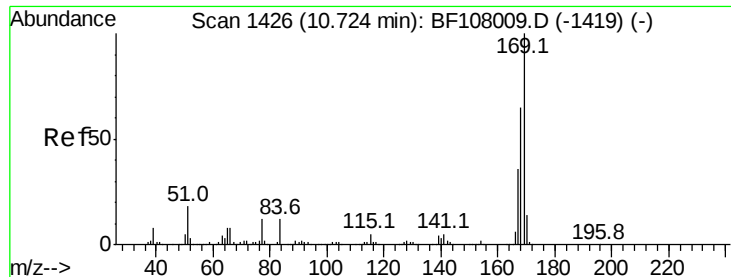
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#64
4,6-Dinitro-2-methylphenol
Concen: 11.308 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18523		
51	48.5		37.7	77.7
105	41.7		36.3	76.3





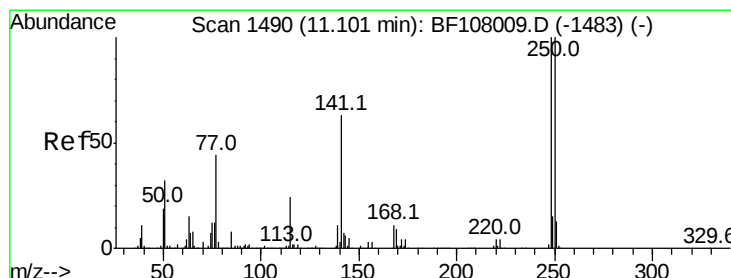
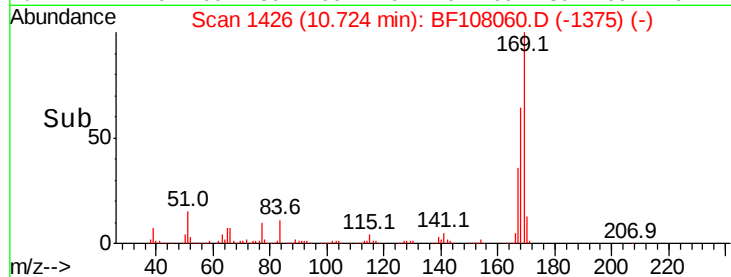
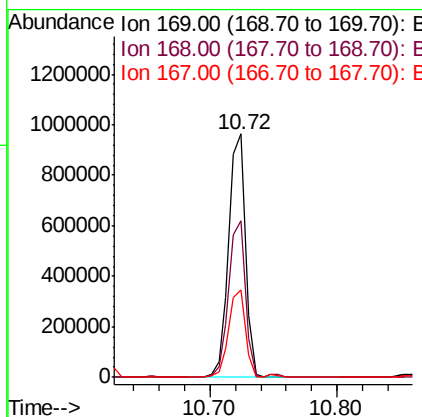
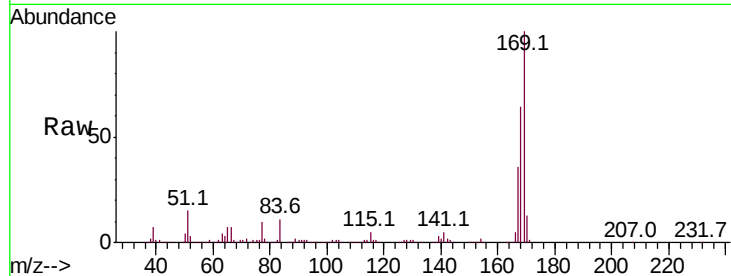
#65
n-Nitrosodiphenylamine
Concen: 40.548 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.4	54.4	81.6
167	35.8	29.8	44.6

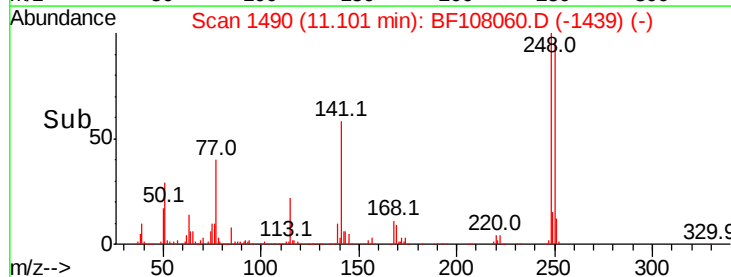
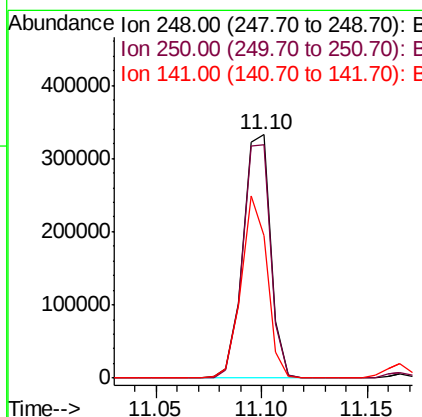
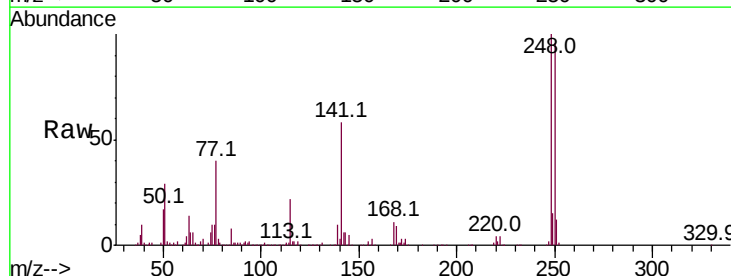
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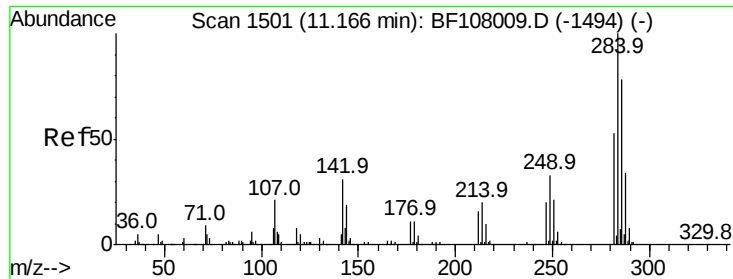
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 37.649 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	58.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 34.885 ng

RT: 11.17 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

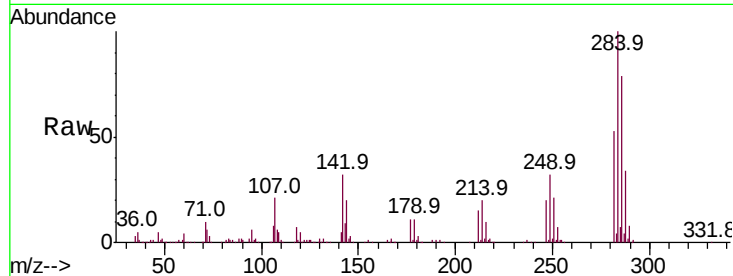
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	293847		
142	32.2	34.6	52.0	#
249	31.9	24.8	37.2	

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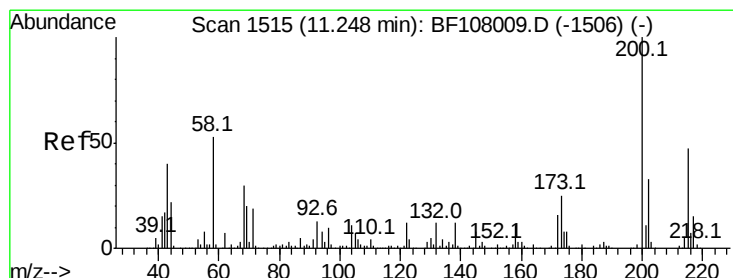
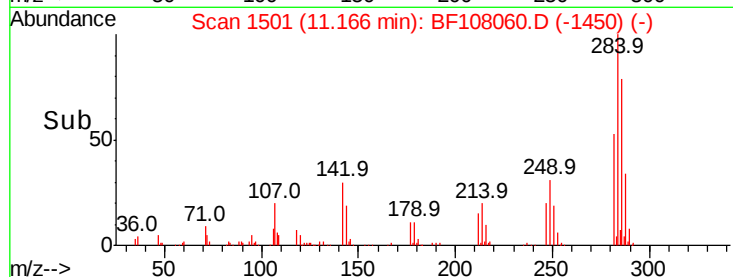
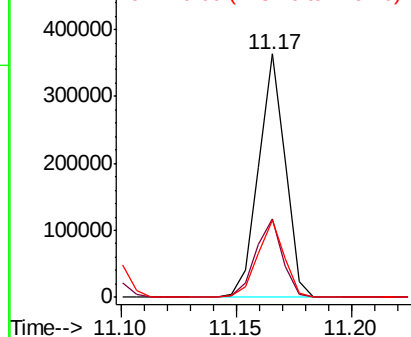


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.266 ng

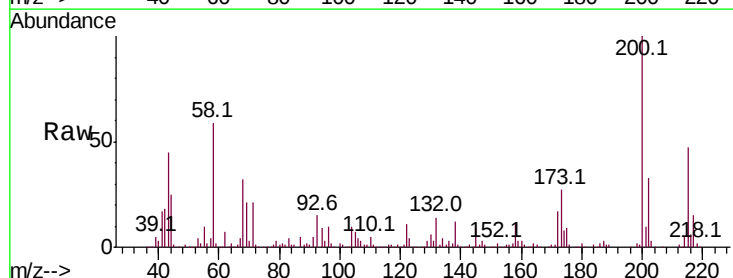
RT: 11.24 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	279398		
173	26.6	8.6	48.6	
215	46.9	25.1	65.1	

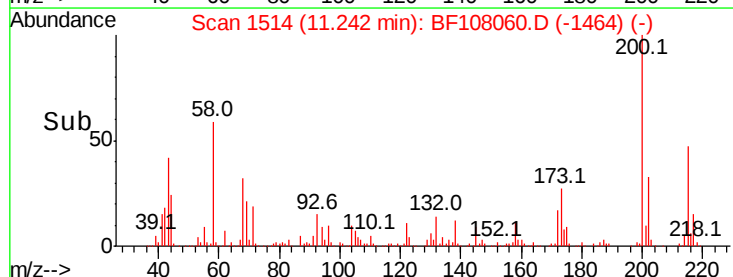
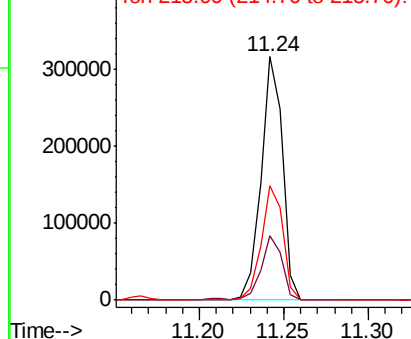


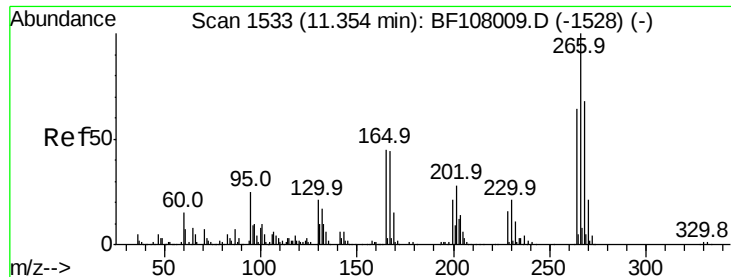
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





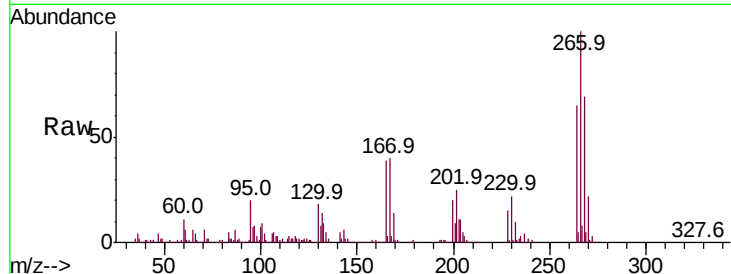
#69
 Pentachlorophenol
 Concen: 66.827 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

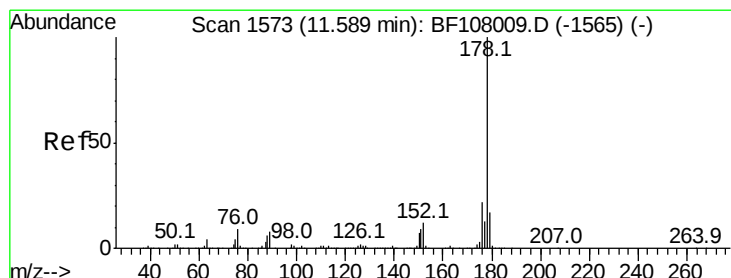
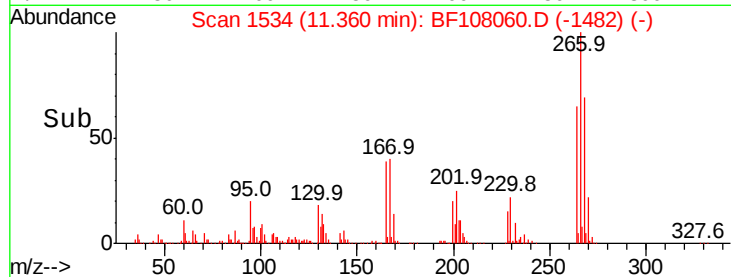
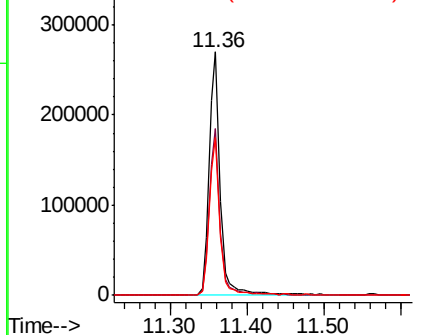
Tot Ion	Ratio	Resp	Lower	Upper
266	100	269425		
268	68.6	51.1	76.7	
264	65.1	49.5	74.3	

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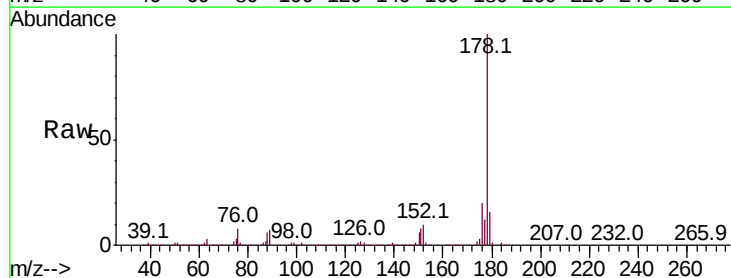


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

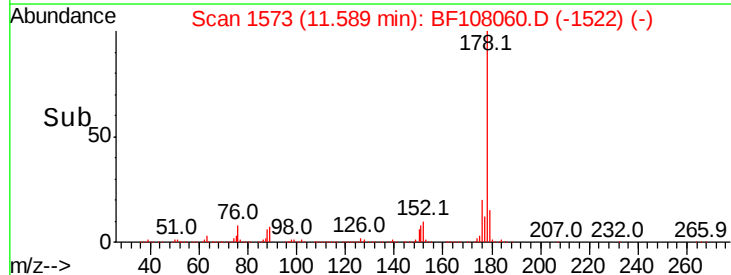
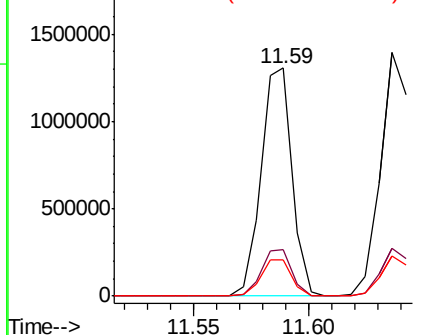


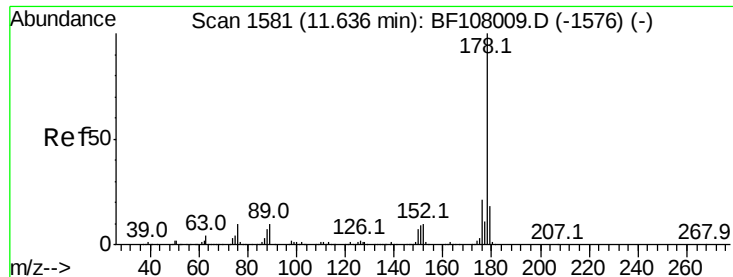
#70
 Phenanthrene
 Concen: 35.074 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1218691		
176	20.3	15.8	23.8	
179	16.0	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





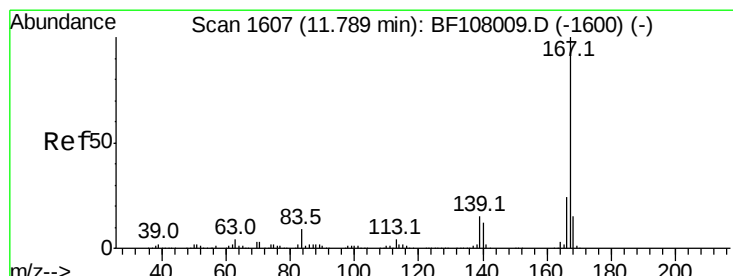
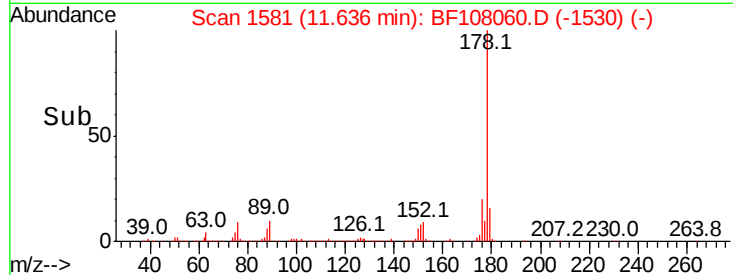
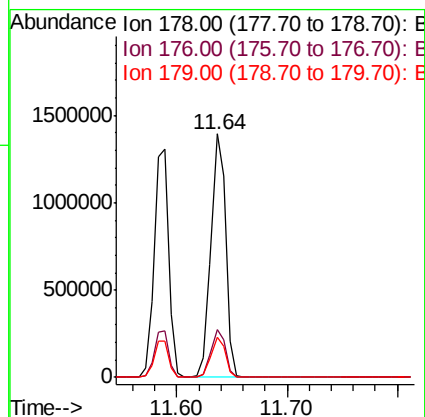
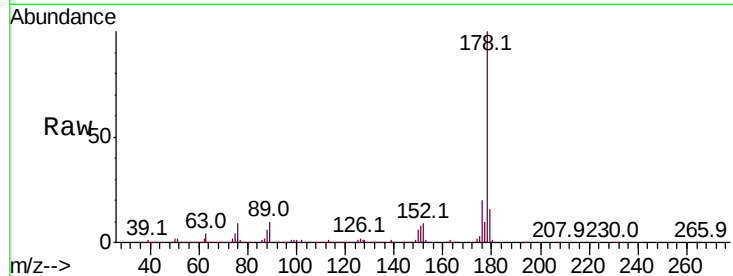
#71
 Anthracene
 Concen: 35.079 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.4	12.6	19.0

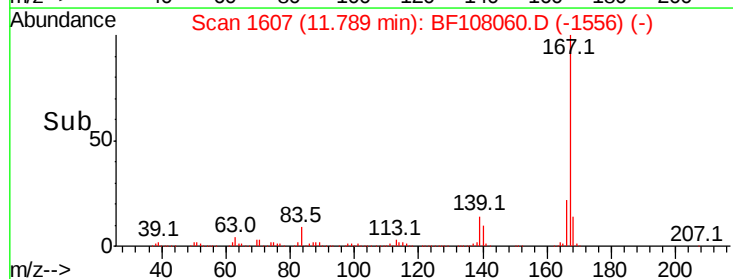
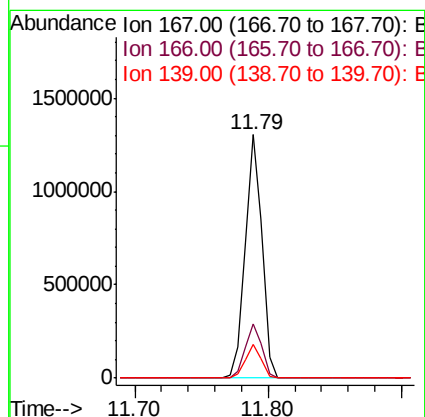
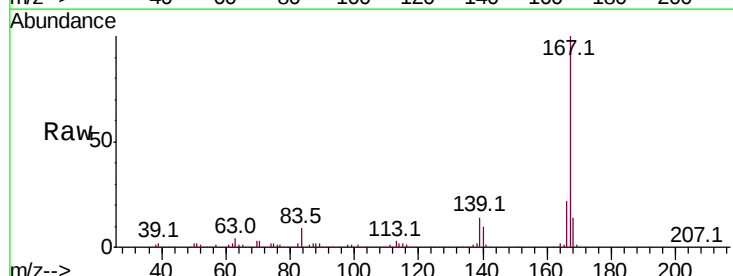
Manual Integrations
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#72
 Carbazole
 Concen: 35.622 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.927 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

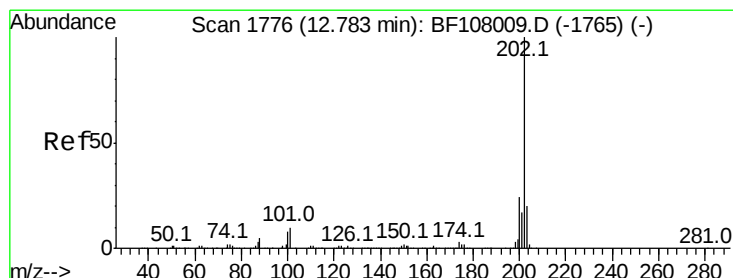
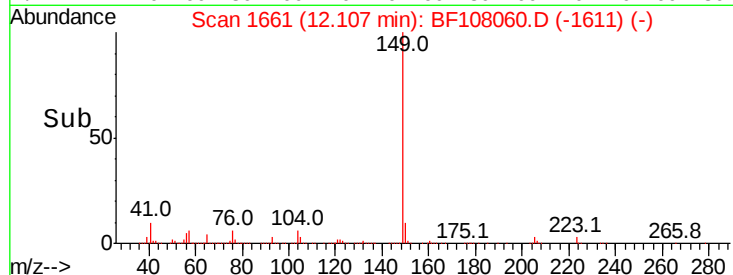
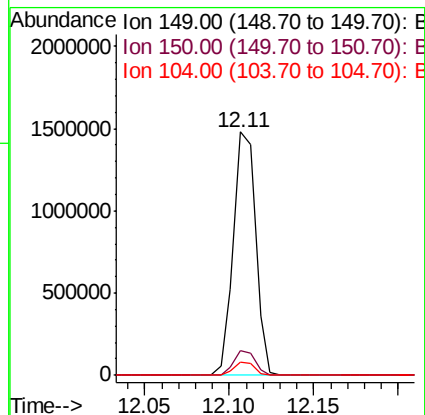
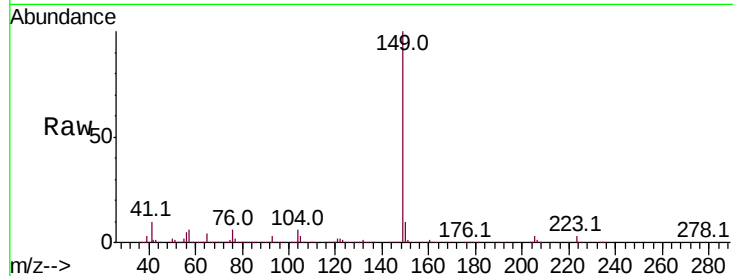
ClientSampleId :

JTY-SB-03-04-05-1-11MS

Tot Ion:	149	Resp:	1359244
Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.6	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 34.502 ng

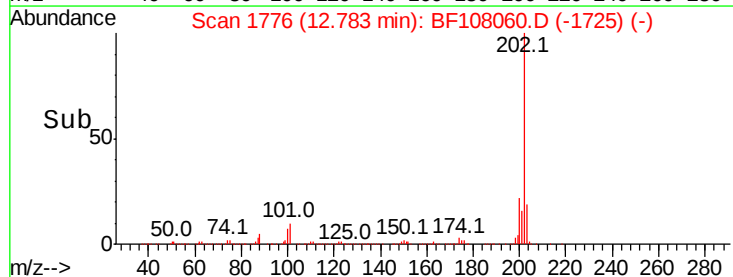
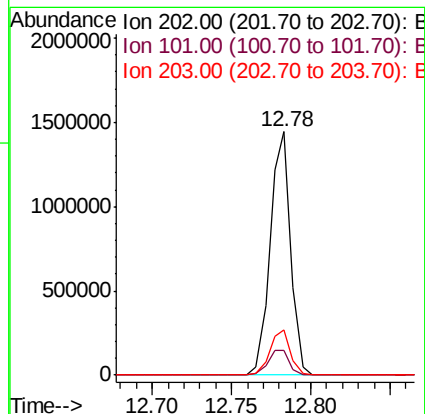
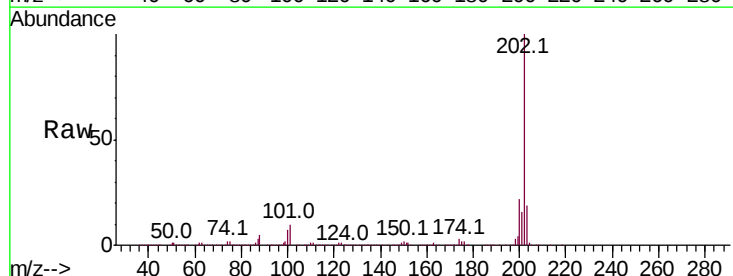
RT: 12.78 min Scan# 1776

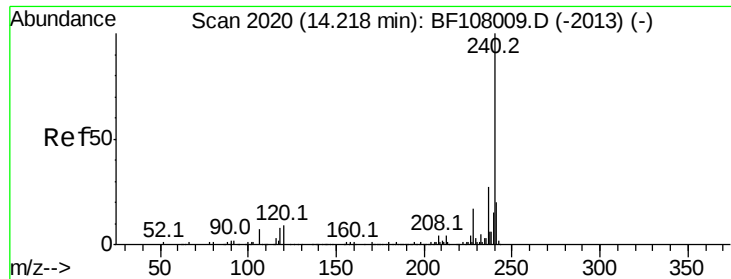
Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Tgt Ion:	202	Resp:	1308368
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108060.D

Acq: 9 Aug 2018 18:44

Instrument :

BNA_F

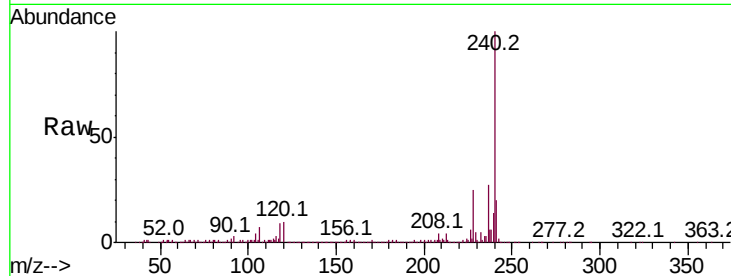
ClientSampleId :

JTY-SB-03-04-05-1-11MS

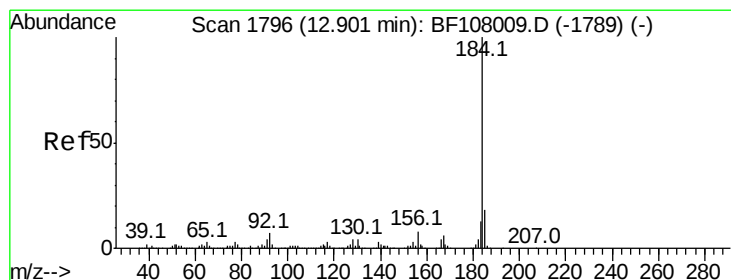
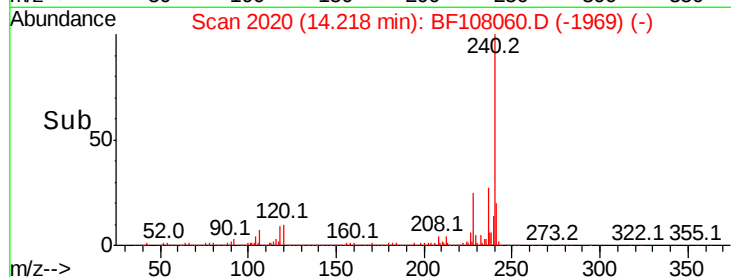
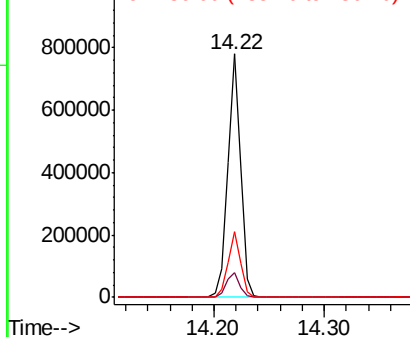
Tot Ion:	240	Resp:	637314
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	27.1	20.7	31.1

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



#76

Benzidine

Concen: 41.403 ng

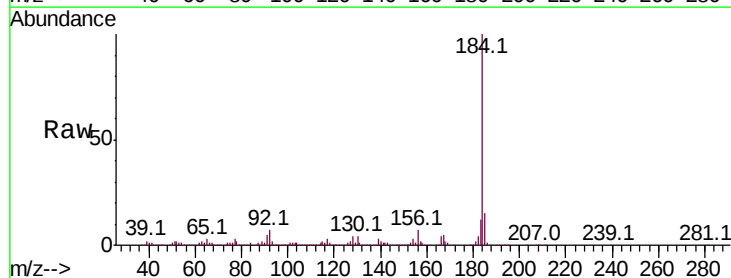
RT: 12.90 min Scan# 1796

Delta R.T. -0.00 min

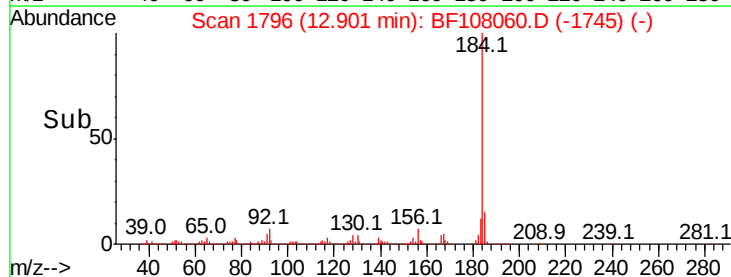
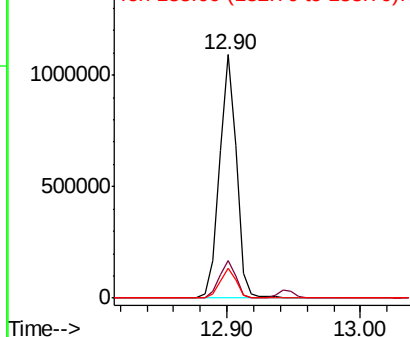
Lab File: BF108060.D

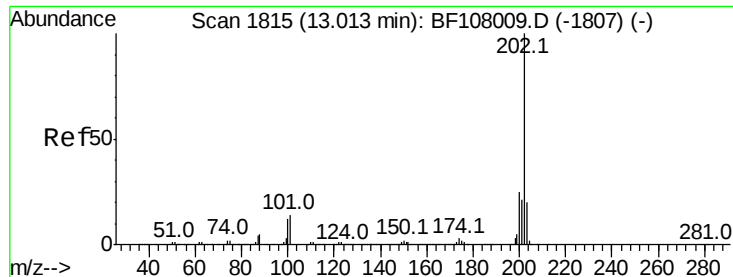
Acq: 9 Aug 2018 18:44

Tgt Ion:	184	Resp:	985884
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	12.0	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





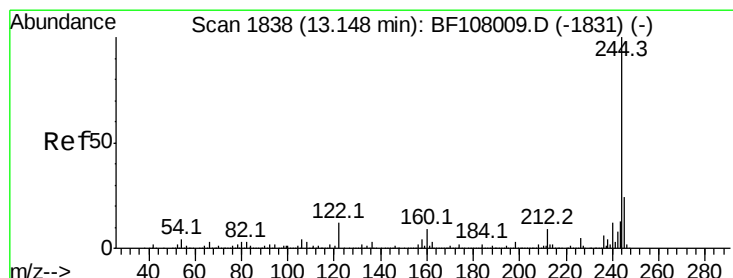
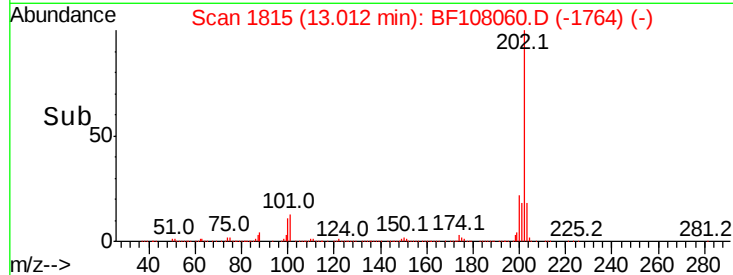
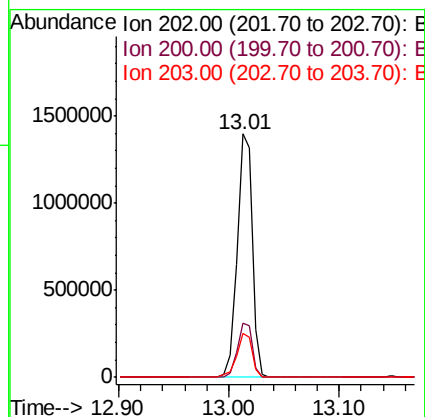
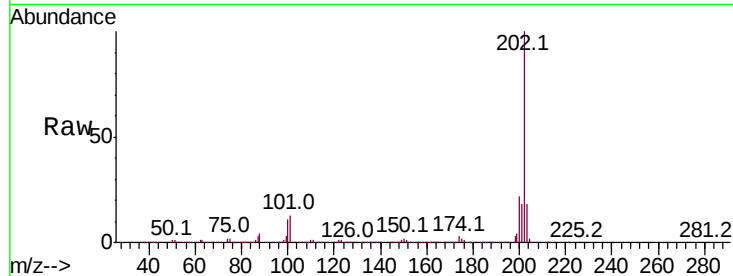
#77
Pvrene
Concen: 33.346 ng
RT: 13.01 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.3	21.5

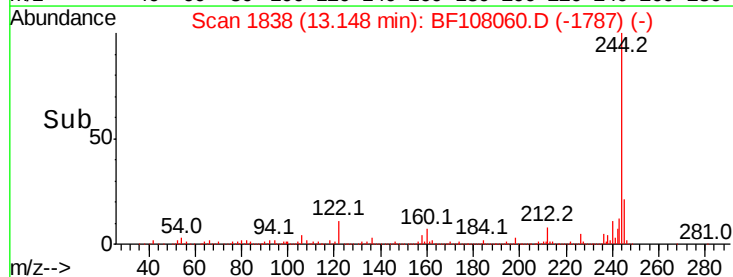
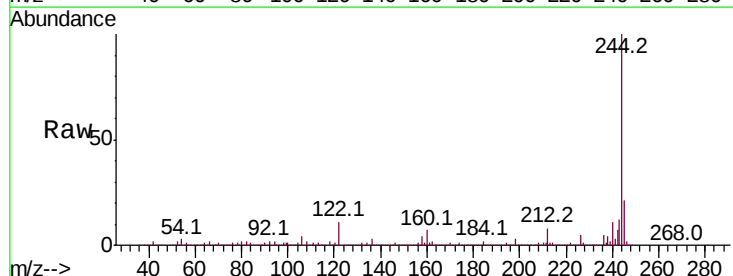
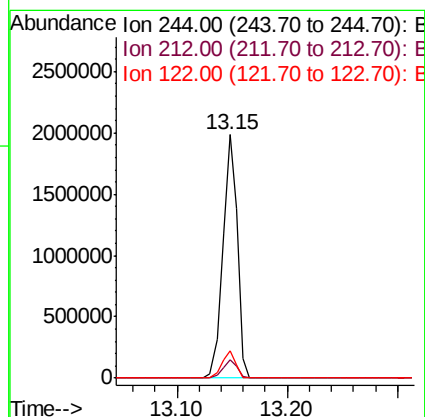
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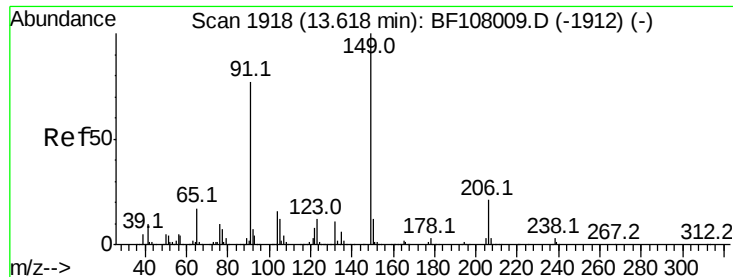
Sohil
8/10/2018 12:13:20 PM



#78
Terphenyl-d14
Concen: 71.539 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	11.4	11.0	16.4





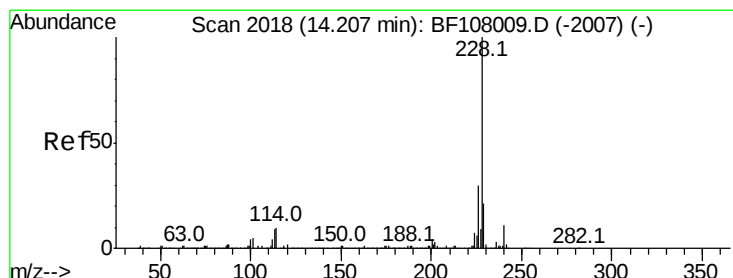
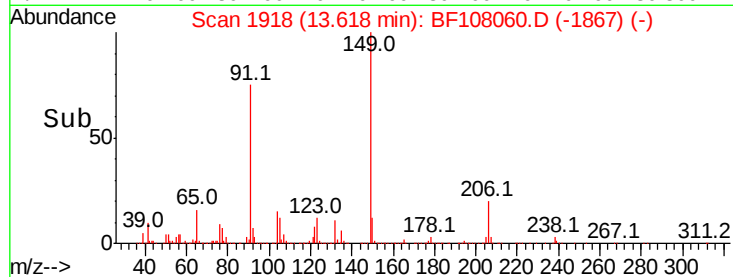
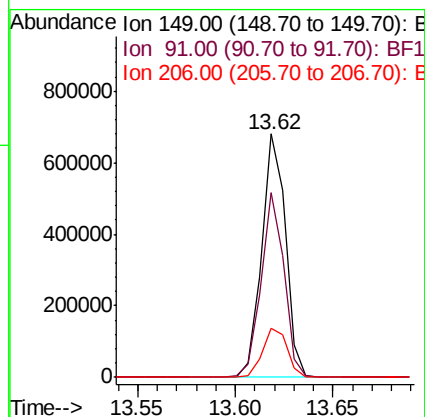
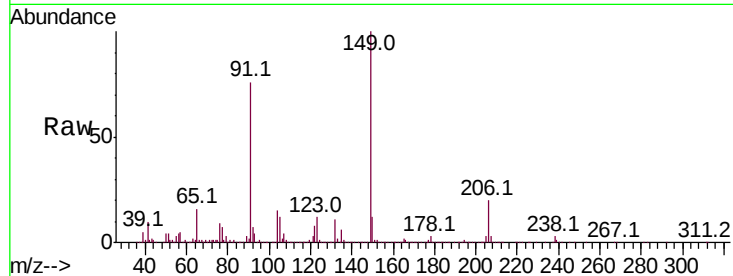
#79
Butylbenzylphthalate
Concen: 35.782 ng
RT: 13.62 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.6	56.8	85.2
206	20.3	14.1	21.1

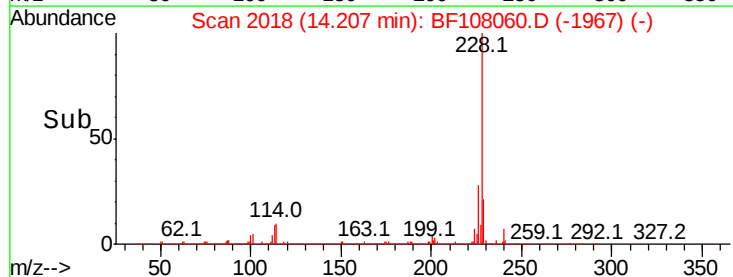
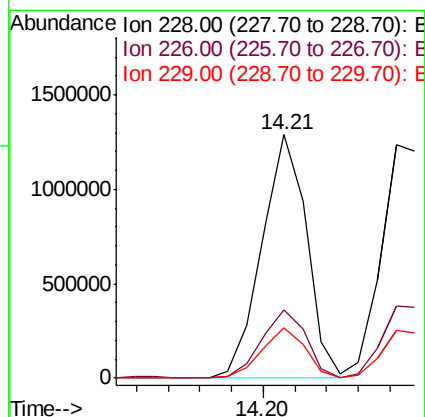
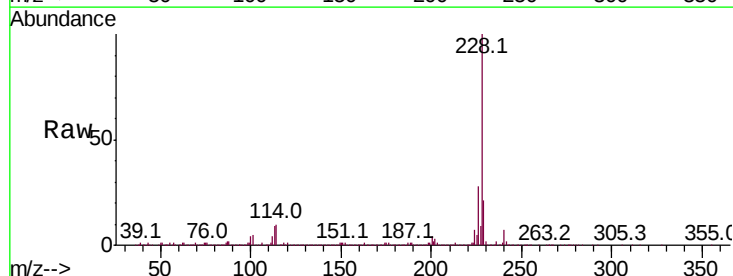
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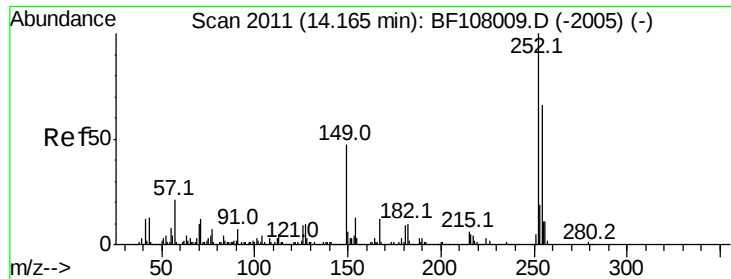
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#80
Benzo(a)anthracene
Concen: 34.577 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.8	15.8	23.6





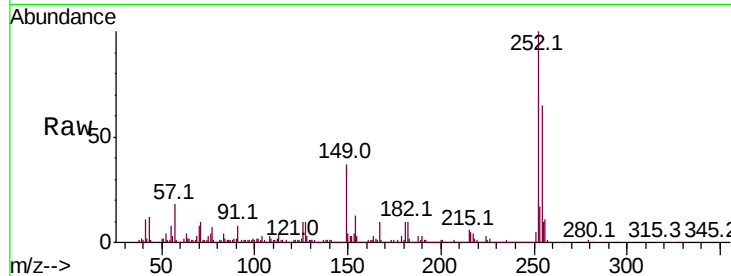
#81
3,3'-Dichlorobenzidine
Concen: 38.959 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

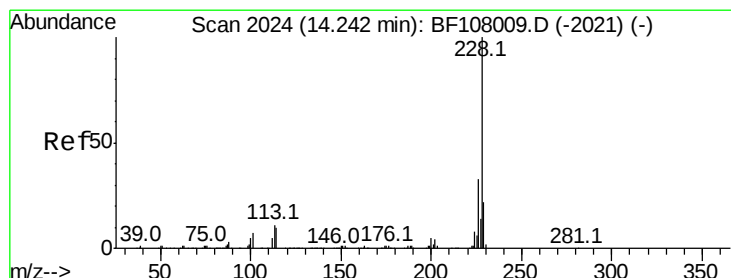
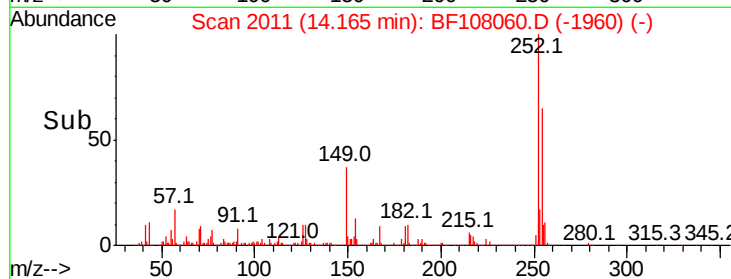
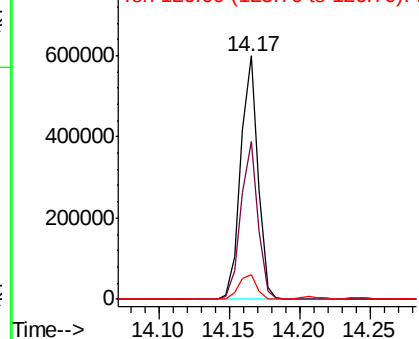
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	9.9	11.3	16.9

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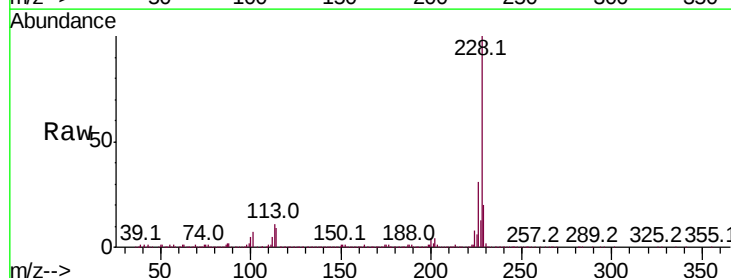


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

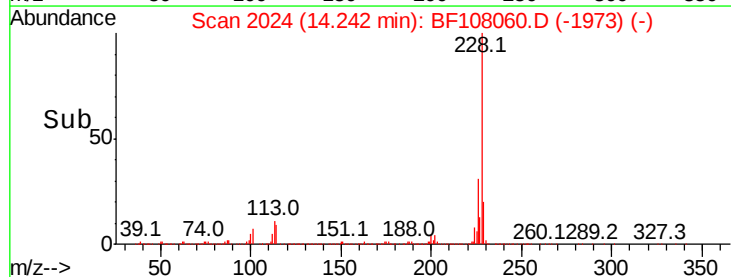
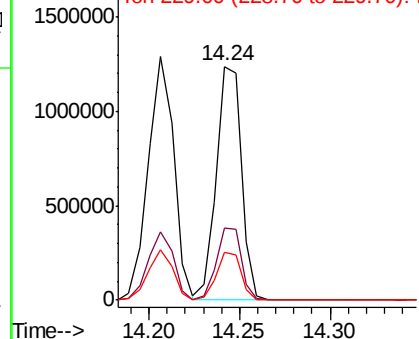


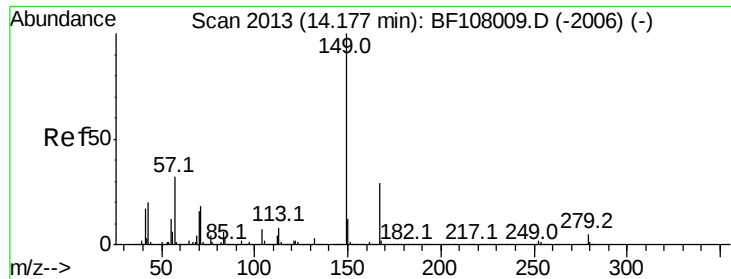
#82
Chrysene
Concen: 35.515 ng
RT: 14.24 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.4	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





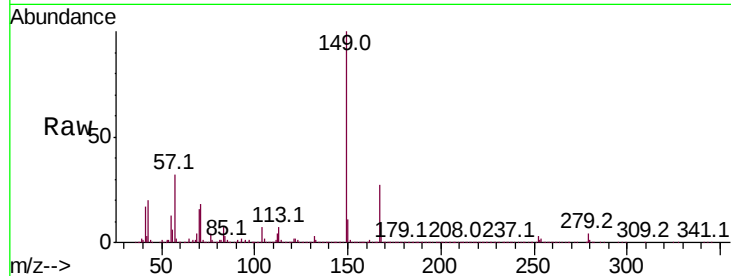
#83
Bis(2-ethylhexyl)phthalate
Concen: 37.674 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.4	3.0	4.4#

Manual Integrations
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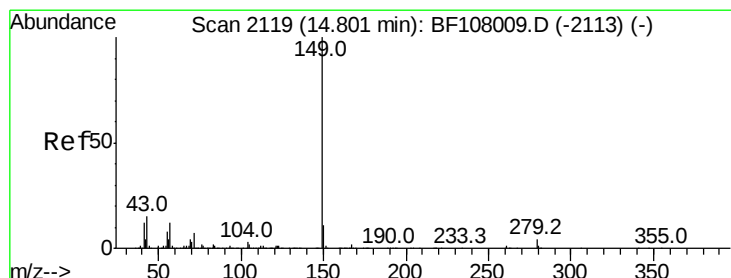
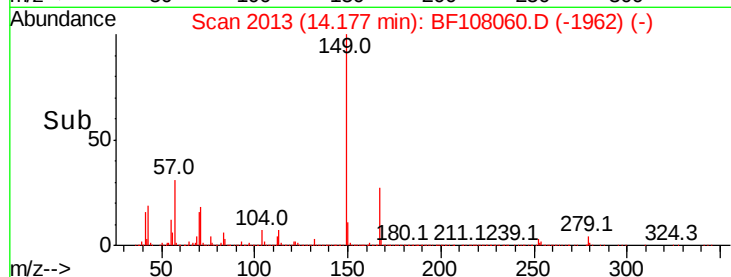
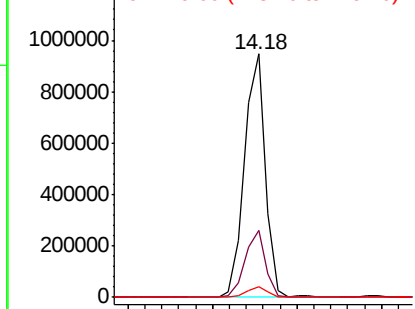


Abundance

Ion 149.00 (148.70 to 149.70): E

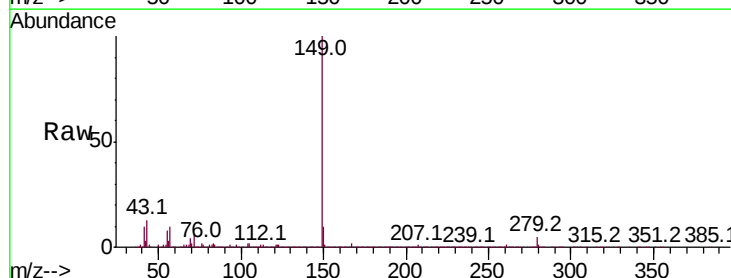
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Di-n-octyl phthalate
Concen: 41.716 ng
RT: 14.81 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.8	8.4	12.6#

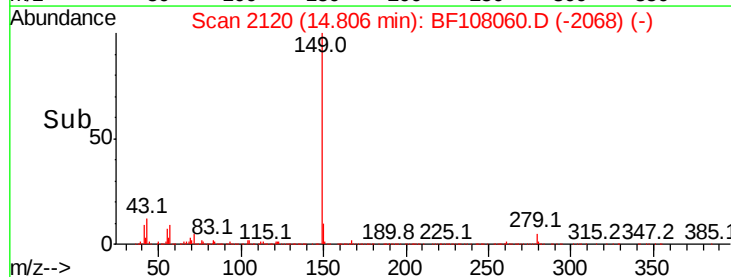
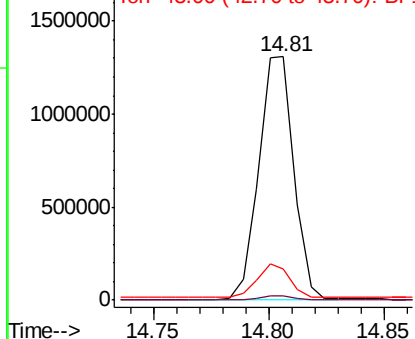


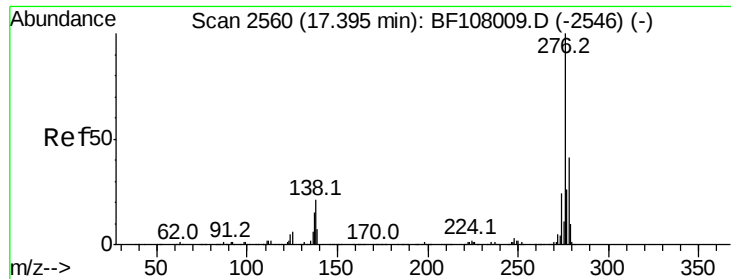
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





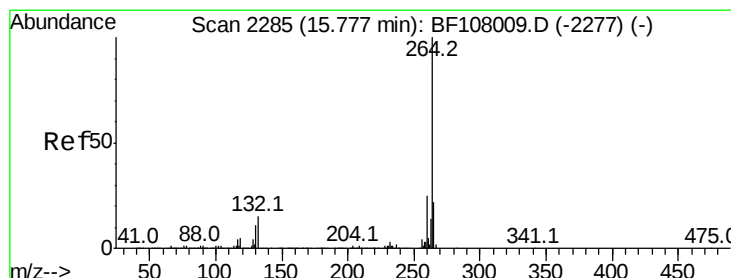
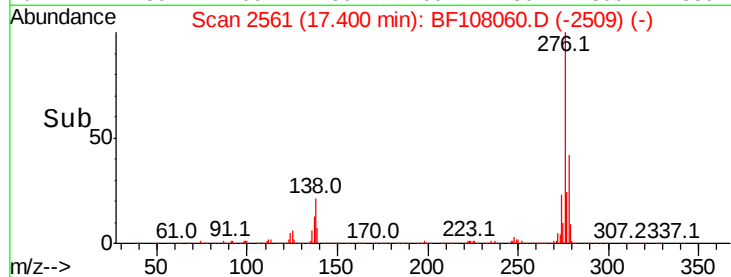
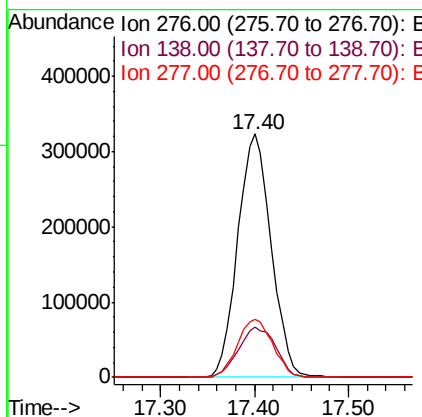
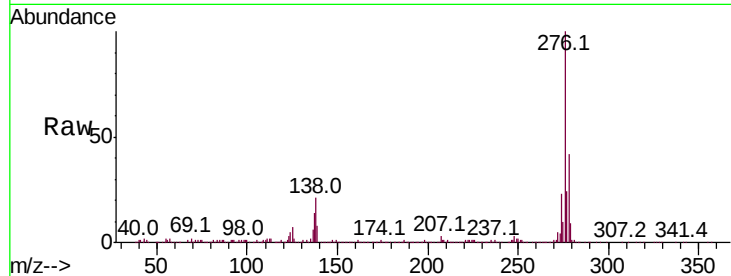
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.421 ng
 RT: 17.40 min Scan# 2561
 Delta R.T. 0.01 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	25.5	20.1	30.1

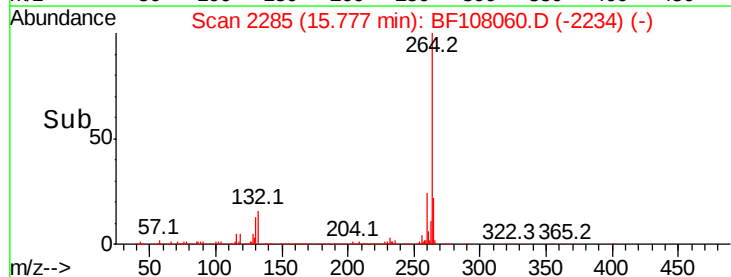
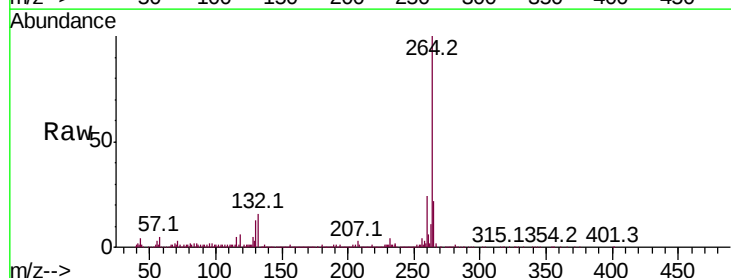
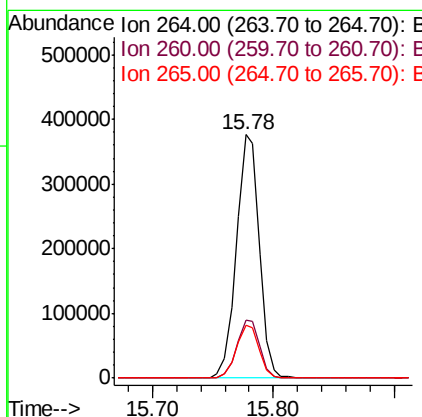
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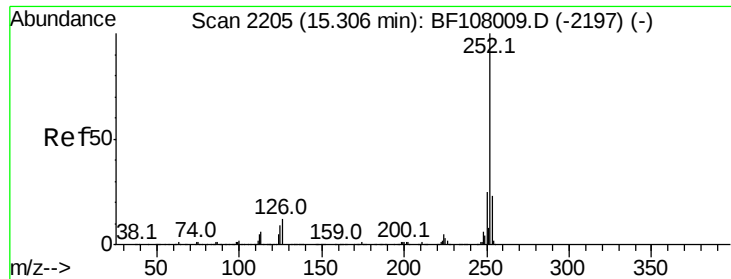
Sohil
 8/10/2018 12:13:20 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3





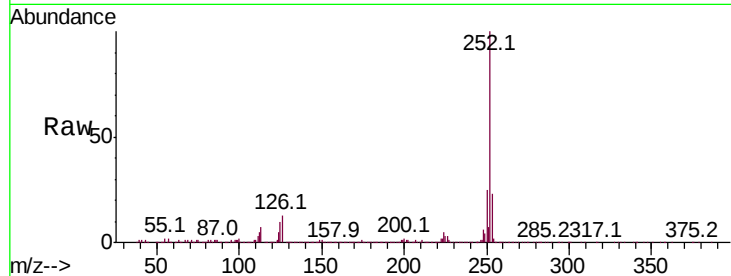
#87
Benzo(b)fluoranthene
Concen: 34.661 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	9.9	9.0	13.6

Manual Integrations
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8/10/2018 12:13:20 PM

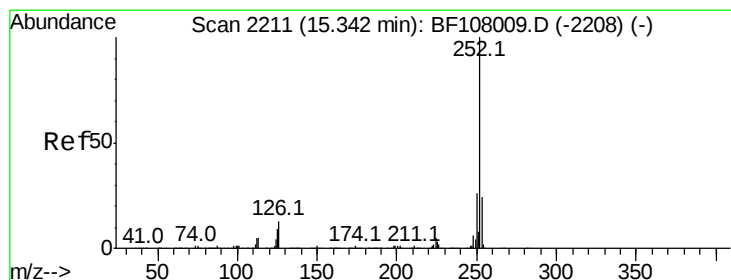
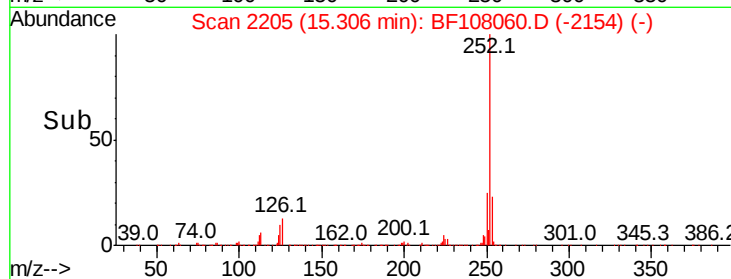
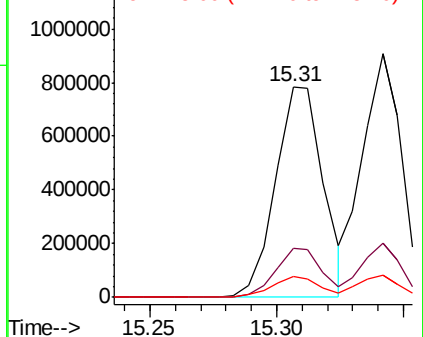


Abundance

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



#88
Benzo(k)fluoranthene
Concen: 35.895 ng
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

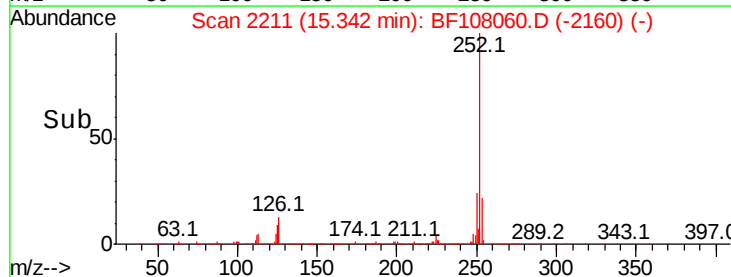
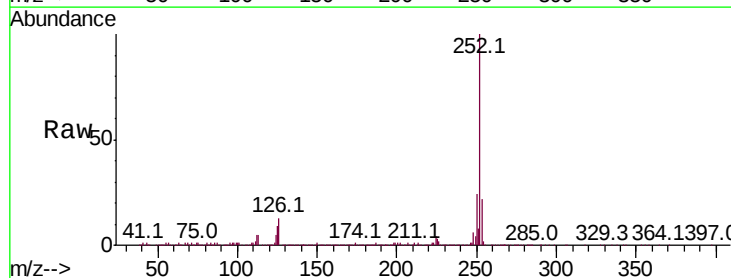
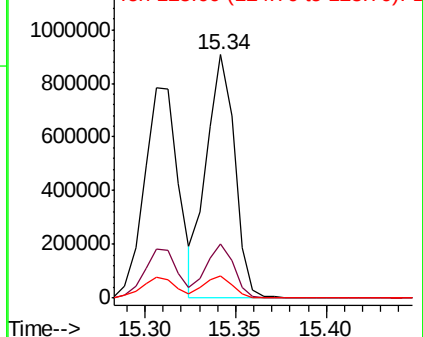
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.2	10.2	15.2#

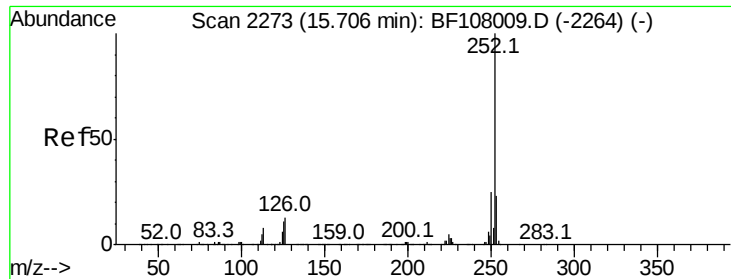
Abundance

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





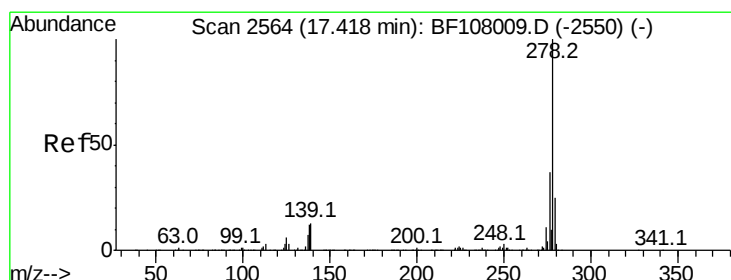
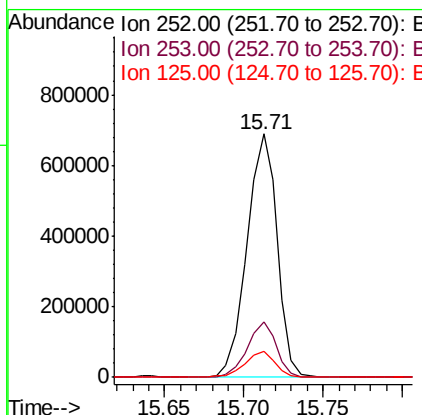
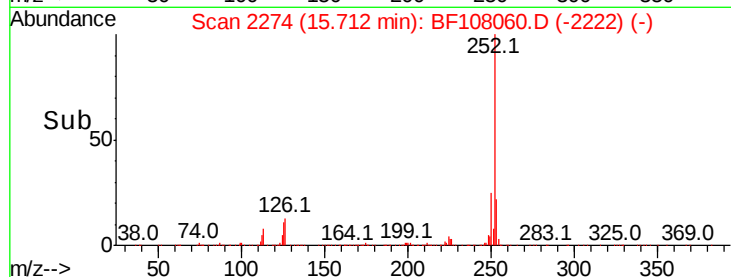
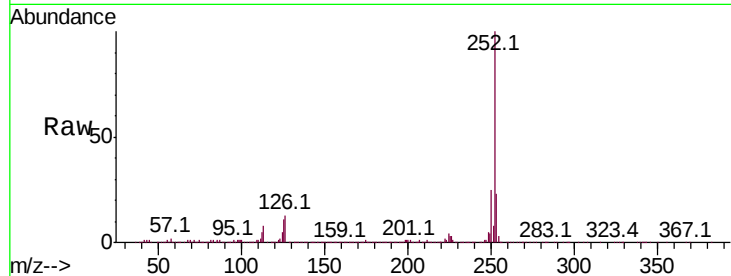
#89
Benzo(a)pyrene
Concen: 34.175 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.9	9.8	14.6

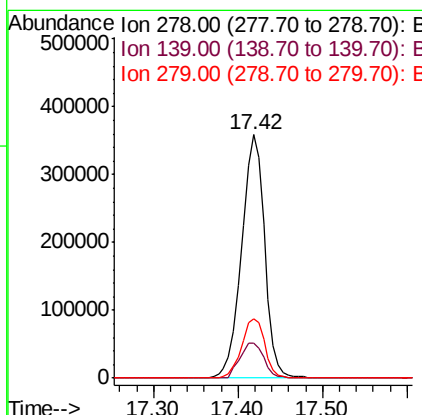
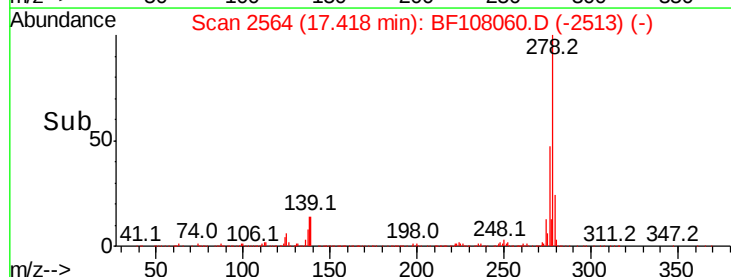
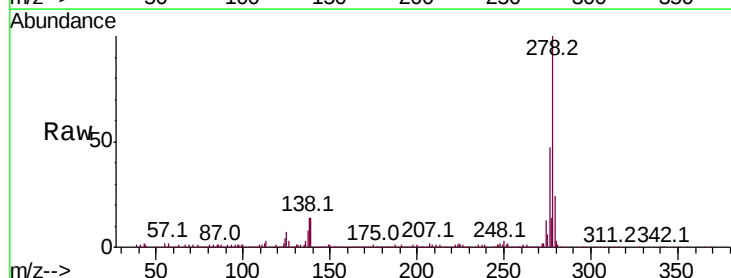
Manual Integrations
APPROVED

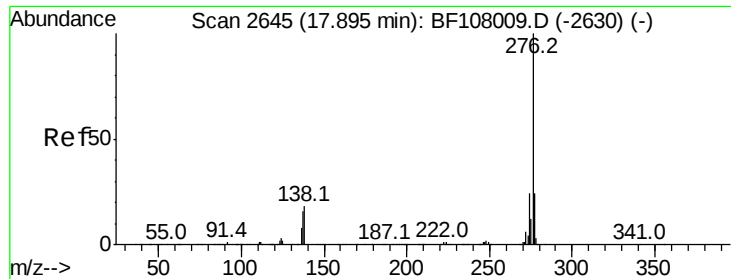
Sohil
8/10/2018 12:13:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 30.830 ng
RT: 17.42 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BF108060.D
Acq: 9 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.9	23.9#
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 29.633 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. -0.00 min
 Lab File: BF108060.D
 Acq: 9 Aug 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	19.2	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:20 PM

