

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108091.D
 Acq On : 10 Aug 2018 18:33
 Operator : JU/SJ
 Sample : J4272-01MS 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Manual Integrations
 APPROVED

Sohil
 8/13/2018 3:52:07 PM

Quant Time: Aug 11 01:02:07 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	270084	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	949370	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	413576	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	711557	20.00	ng	0.00
75) Chrysene-d12	14.22	240	644448	20.00	ng	0.00
86) Perylene-d12	15.79	264	457340	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	831284	55.72	ng	0.00
7) Phenol-d6	6.63	99	1083680	54.66	ng	0.00
23) Nitrobenzene-d5	7.58	82	682187	40.10	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	219438	53.19	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1137412	44.15	ng	0.00
78) Terphenyl-d14	13.15	244	1065578	42.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	92283	12.039	ng	# 83
3) Pyridine	3.68	79	276380	13.997	ng	# 84
4) n-Nitrosodimethylamine	3.63	42	169455	15.251	ng	81
6) Aniline	6.68	93	345423	12.810	ng	98
8) 2-Chlorophenol	6.80	128	300762	17.901	ng	97
9) Benzaldehyde	6.57	77	209419	13.625	ng	98
10) Phenol	6.64	94	390000	19.019	ng	93
11) bis(2-Chloroethyl)ether	6.75	93	296292	17.873	ng	96
12) 1,3-Dichlorobenzene	6.96	146	327306	16.848	ng	99
13) 1,4-Dichlorobenzene	7.04	146	332713	17.046	ng	97
14) 1,2-Dichlorobenzene	7.19	146	314635	17.330	ng	98
15) Benzyl Alcohol	7.15	79	283378	16.980	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	577309	16.904	ng	97
17) 2-Methylphenol	7.25	107	248432	17.242	ng	96
18) Hexachloroethane	7.53	117	98011	14.104	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	233570	17.423	ng	# 86
20) 3+4-Methylphenols	7.40	107	322708	17.478	ng	94
22) Acetophenone	7.42	105	443413	19.975	ng	# 92
24) Nitrobenzene	7.60	77	322047	18.719	ng	96
25) Isophorone	7.83	82	592088	18.258	ng	98
26) 2-Nitrophenol	7.91	139	118482	18.236	ng	90
27) 2,4-Dimethylphenol	7.94	122	265267	18.431	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	365450	19.305	ng	99
29) 2,4-Dichlorophenol	8.15	162	244446	18.456	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	266095	18.222	ng	95
31) Naphthalene	8.32	128	858299	19.879	ng	100
32) Benzoic acid	8.02	122	2571m	6.244	ng	
33) 4-Chloroaniline	8.37	127	267228	14.202	ng	99
34) Hexachlorobutadiene	8.44	225	171153	18.514	ng	99
35) Caprolactam	8.71	113	74810	18.024	ng	# 68
36) 4-Chloro-3-methylphenol	8.84	107	236304	16.538	ng	98
37) 2-Methylnaphthalene	9.01	142	554683	18.158	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	269770	21.241	ng	97
40) Hexachlorocyclopentadiene	9.17	237	20660	2.518	ng	99

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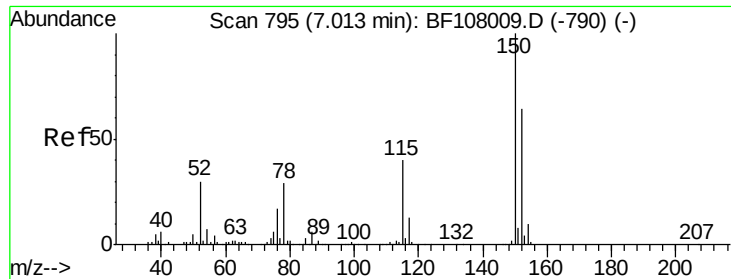
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	157205	19.947	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	168693	19.444	ng	96
45) 1,1'-Biphenyl	9.48	154	658252	21.587	ng	99
46) 2-Chloronaphthalene	9.51	162	486690	20.194	ng	98
47) 2-Nitroaniline	9.60	65	155884	19.990	ng	94
48) Acenaphthylene	9.93	152	760414	19.958	ng	100
49) Dimethylphthalate	9.77	163	665111	23.087	ng #	99
50) 2,6-Dinitrotoluene	9.84	165	114450	18.988	ng #	85
51) Acenaphthene	10.10	154	468416	20.072	ng	98
52) 3-Nitroaniline	10.01	138	114529	17.367	ng	90
53) 2,4-Dinitrophenol	10.11	184	1935	7.803	ng #	1
54) Dibenzofuran	10.27	168	673595	19.923	ng	98
55) 4-Nitrophenol	10.15	139	147625	29.561	ng #	80
56) 2,4-Dinitrotoluene	10.24	165	135577	17.475	ng #	94
57) Fluorene	10.62	166	533228	19.923	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	124939	17.229	ng #	89
59) Diethylphthalate	10.48	149	555693	19.920	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	255482	18.319	ng	91
61) 4-Nitroaniline	10.62	138	112664	17.280	ng	97
62) Azobenzene	10.77	77	511416	17.751	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	4663	6.909	ng #	51
65) n-Nitrosodiphenylamine	10.72	169	456097	21.691	ng	95
66) 4-Bromophenyl-phenylether	11.10	248	155622	20.125	ng #	84
67) Hexachlorobenzene	11.17	284	148421	18.242	ng	90
68) Atrazine	11.24	200	154356	21.886	ng	97
69) Pentachlorophenol	11.36	266	125363	32.192	ng	97
70) Phenanthrene	11.59	178	1124201	33.497	ng	99
71) Anthracene	11.64	178	822201	23.902	ng	100
72) Carbazole	11.79	167	623125	20.389	ng	100
73) Di-n-butylphthalate	12.11	149	786816	22.729	ng	99
74) Fluoranthene	12.78	202	1224595	33.433	ng	96
76) Benzidine	12.91	184	415962	17.275	ng	98
77) Pyrene	13.02	202	1221933	29.949	ng	99
79) Butylbenzylphthalate	13.62	149	314099	19.387	ng #	96
80) Benzo(a)anthracene	14.21	228	928859	25.115	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	201402	15.195	ng #	98
82) Chrysene	14.25	228	821828	24.237	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	466480	21.262	ng	99
84) Di-n-octyl phthalate	14.81	149	794591	23.748	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.42	276	461707	15.715	ng #	91
87) Benzo(b)fluoranthene	15.32	252	694623	25.418	ng	96
88) Benzo(k)fluoranthene	15.35	252	605333	24.097	ng	97
89) Benzo(a)pyrene	15.72	252	584526	23.886	ng	97
90) Dibenzo(a,h)anthracene	17.44	278	354053	17.486	ng #	95
91) Benzo(g,h,i)perylene	17.91	276	384804	19.300	ng #	89

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



#1

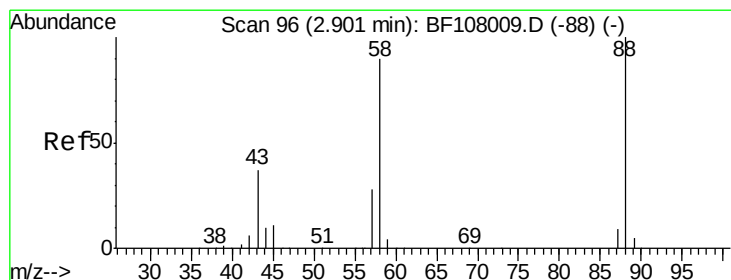
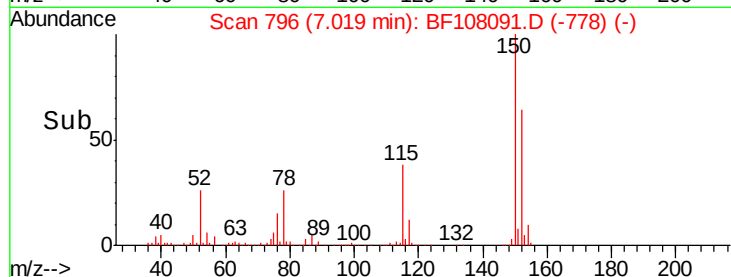
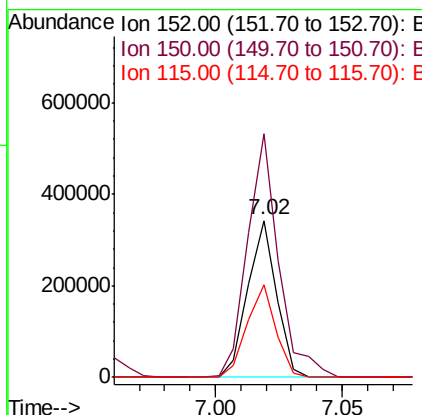
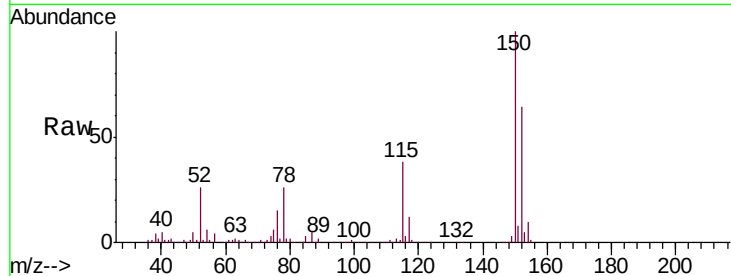
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.5	50.1	75.1

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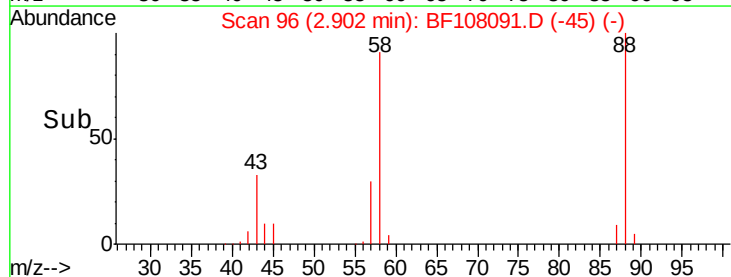
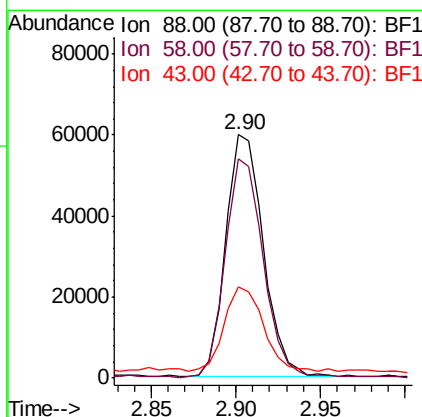
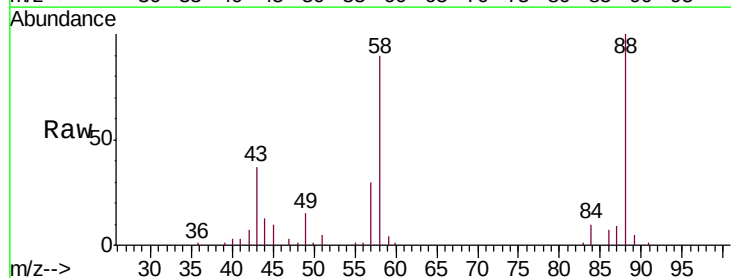
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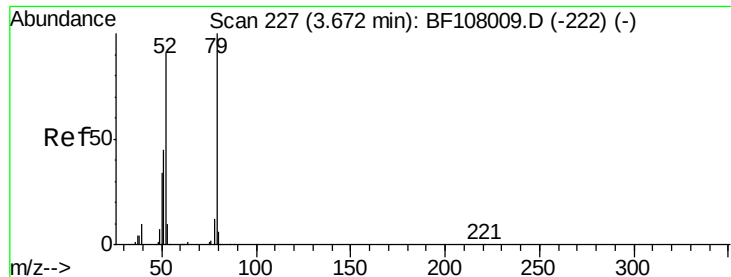


#2

1,4-Dioxane
Concen: 12.039 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.0	62.6	93.8
43	39.5	24.6	37.0





#3

Pyridine

Concen: 13.997 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

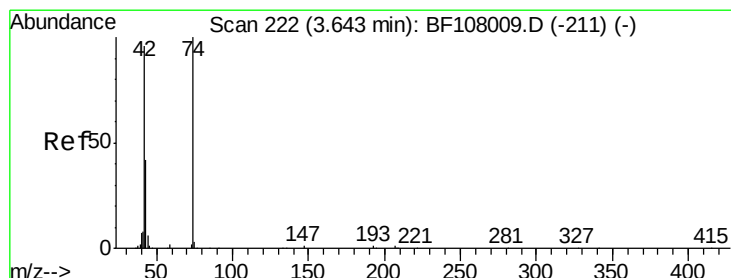
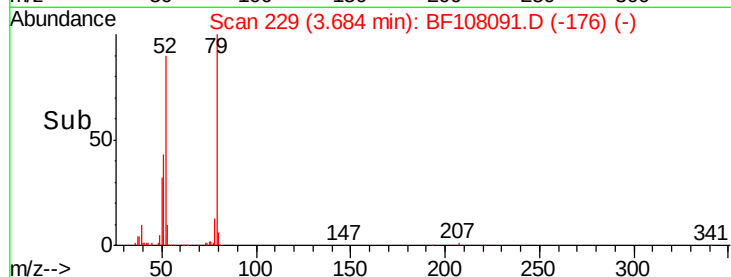
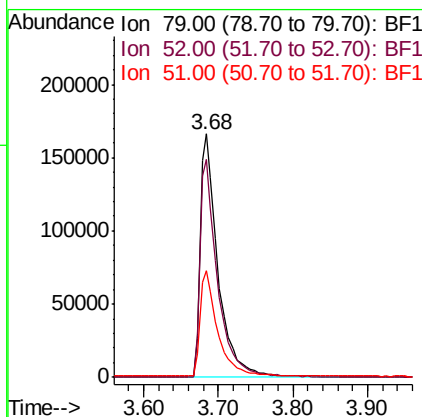
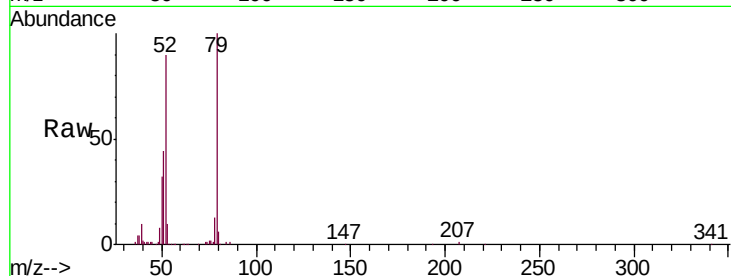
ClientSampleId :

JC-03-080918-AMS

Tgt Ion:	79	Resp:	276380
Ion Ratio	Lower	Upper	
79	100		
52	89.8	59.8	89.6#
51	43.9	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 15.251 ng

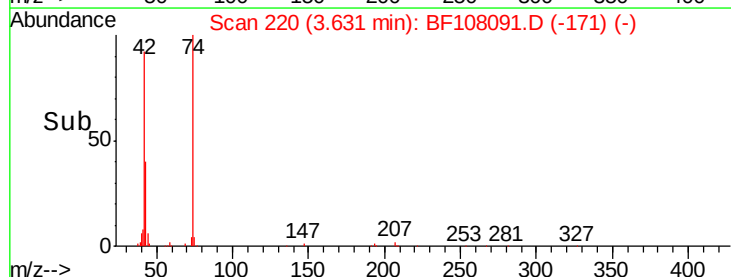
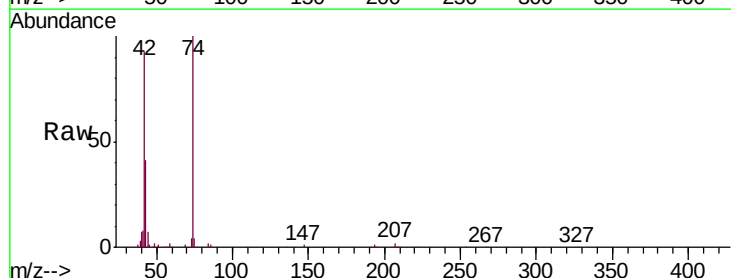
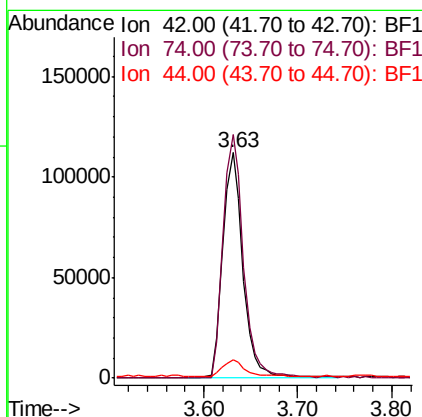
RT: 3.63 min Scan# 220

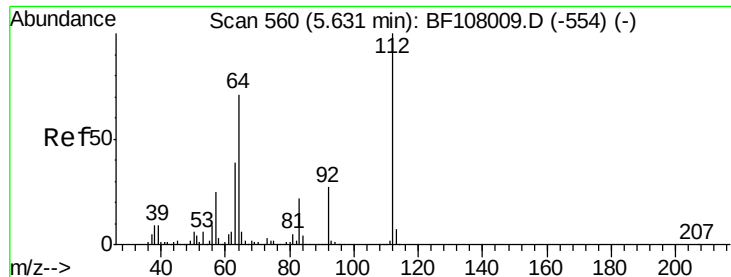
Delta R.T. -0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:	42	Resp:	169455
Ion Ratio	Lower	Upper	
42	100		
74	108.1	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 55.723 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

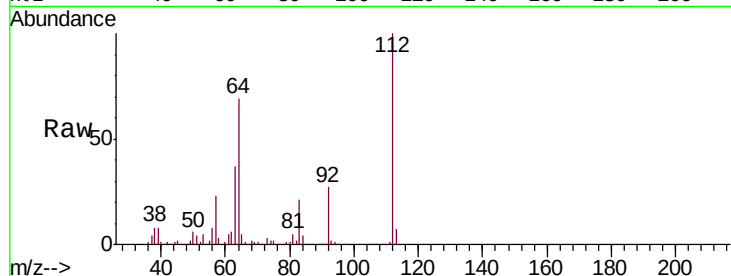
ClientSampleId :

JC-03-080918-AMS

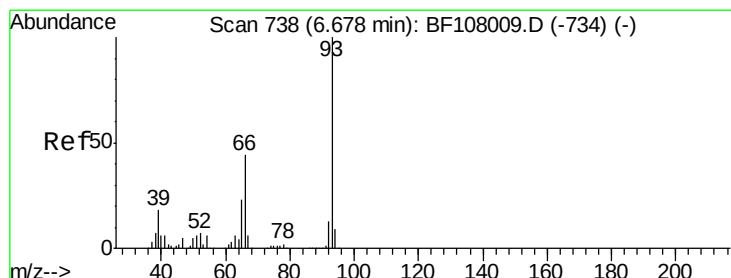
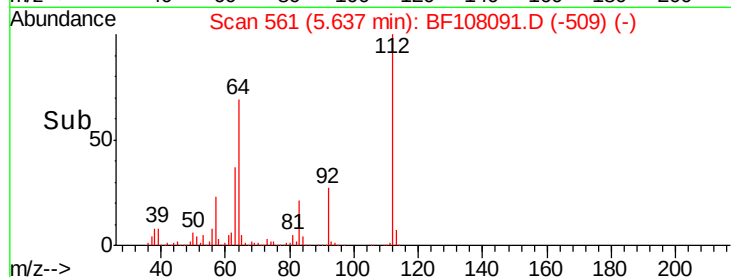
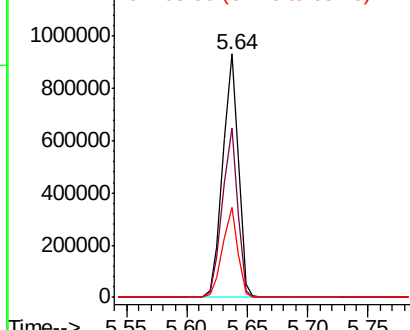
Tgt Ion:	112	Resp:	831284
Ion Ratio	Lower	Upper	
112	100		
64	69.5	47.9	71.9
63	36.8	23.7	35.5#

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



#6

Aniline

Concen: 12.810 ng

RT: 6.68 min Scan# 738

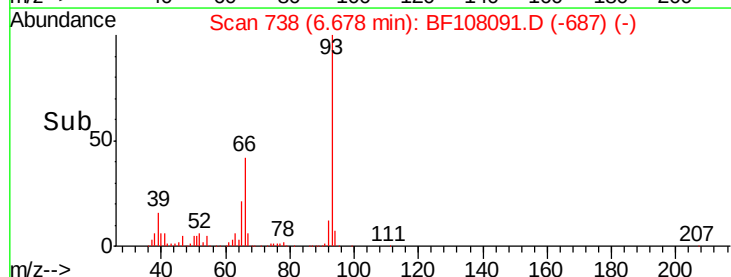
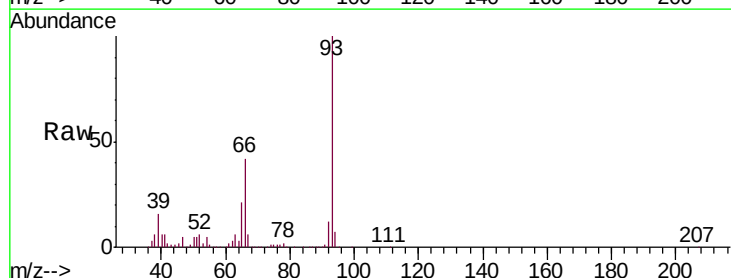
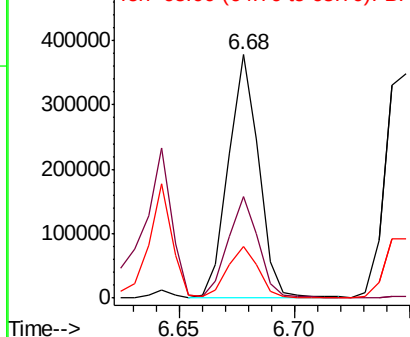
Delta R.T. 0.00 min

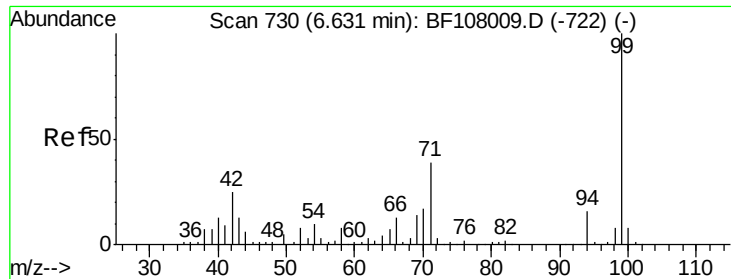
Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:	93	Resp:	345423
Ion Ratio	Lower	Upper	
93	100		
66	41.6	32.2	48.2
65	21.2	16.4	24.6

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 54.665 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

Tgt Ion: 99 Resp: 1083680

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

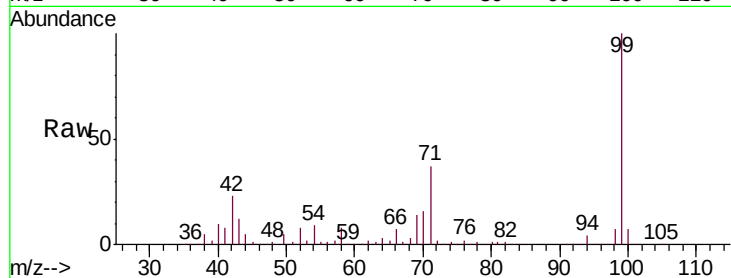
71 36.7 25.4 38.0

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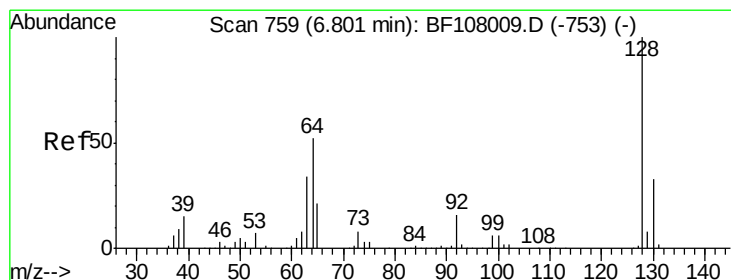
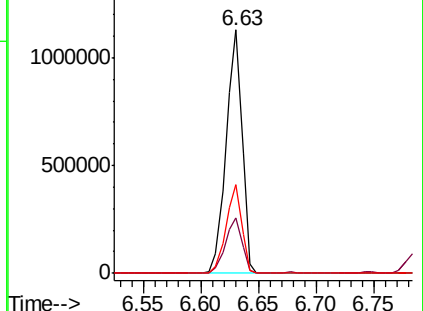
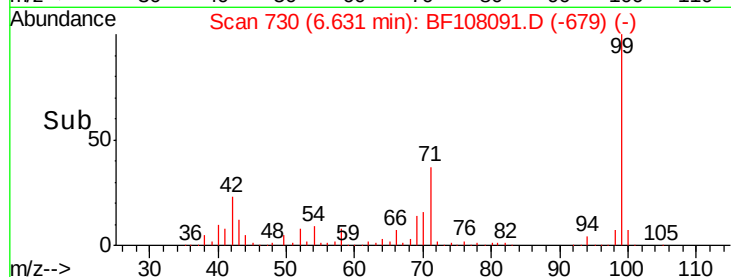
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 17.901 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

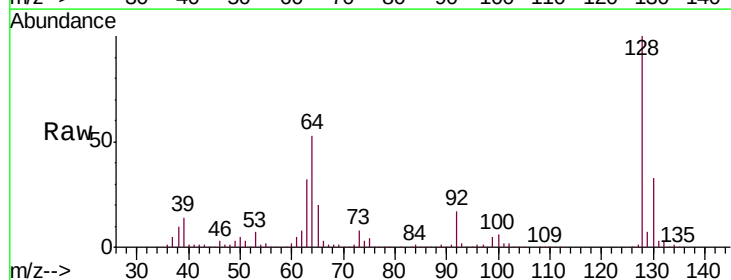
Tgt Ion: 128 Resp: 300762

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

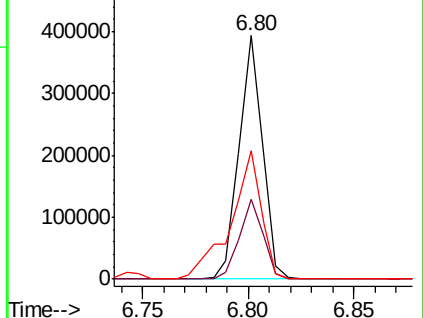
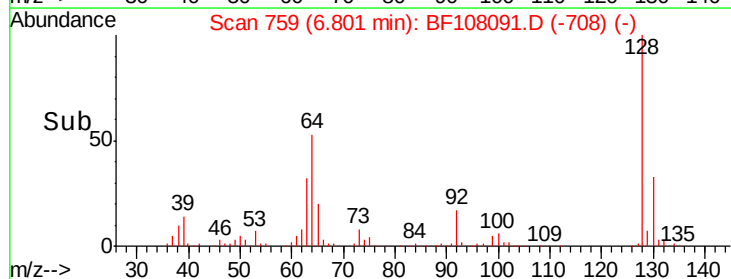
64 52.8 29.4 69.4

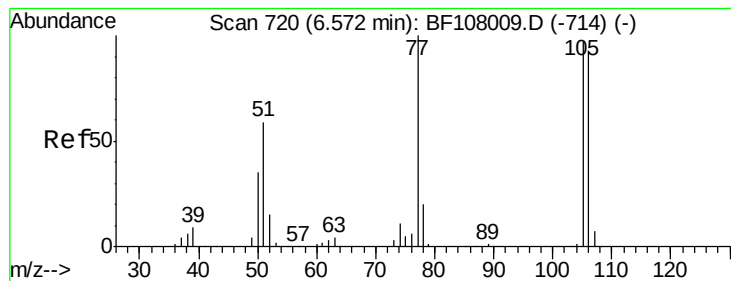


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.625 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

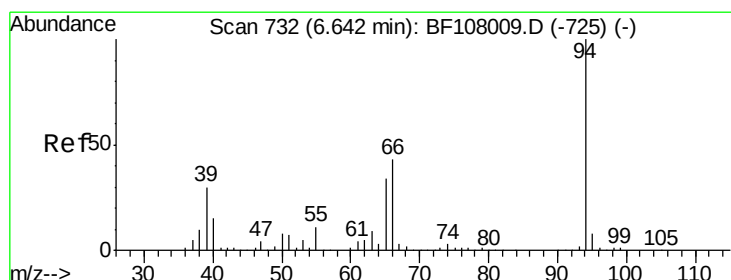
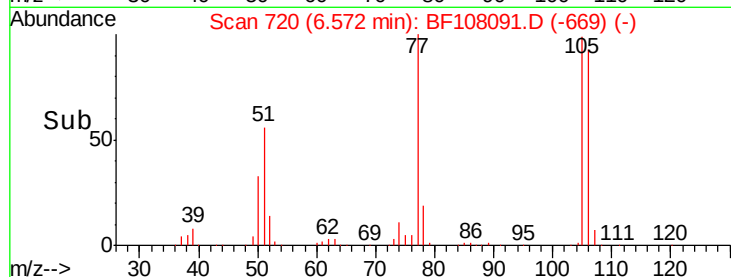
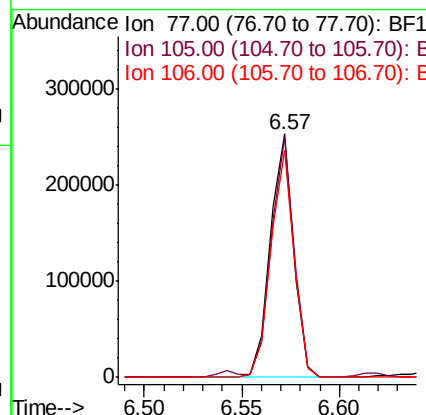
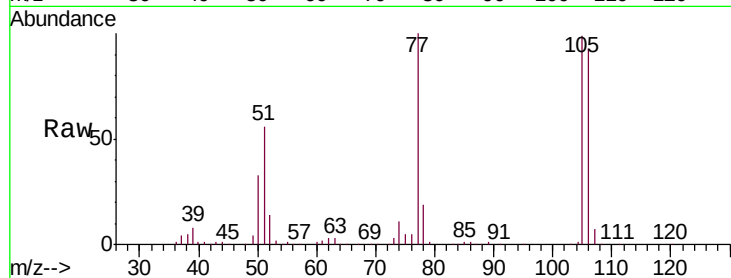
ClientSampleId :

JC-03-080918-AMS

Tgt Ion:	77	Resp:	209419
Ion Ratio	Lower	Upper	
77	100		
105	98.5	81.1	121.1
106	93.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 19.019 ng

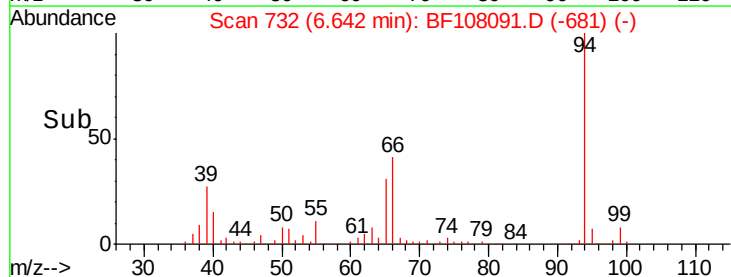
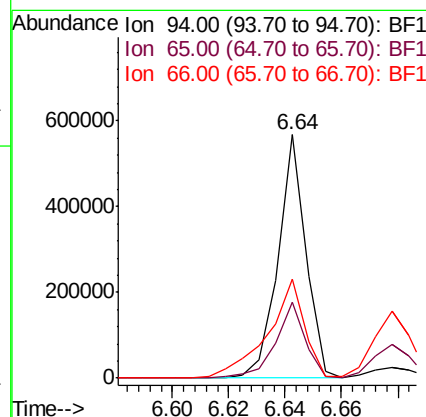
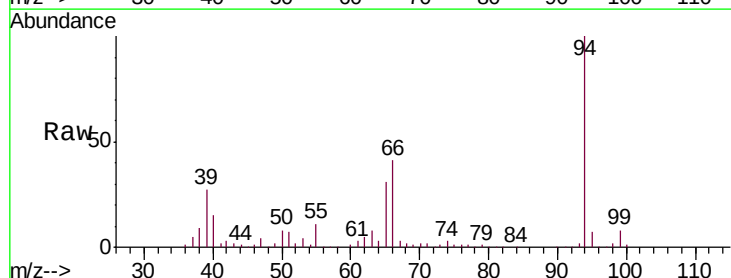
RT: 6.64 min Scan# 732

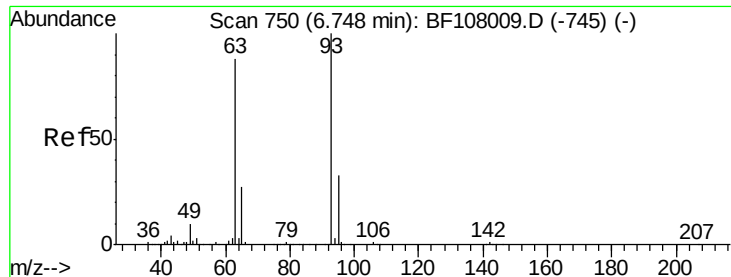
Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:	94	Resp:	390000
Ion Ratio	Lower	Upper	
94	100		
65	31.2	7.9	47.9
66	40.9	16.2	56.2





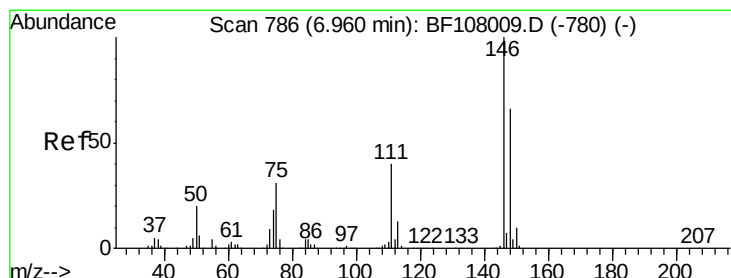
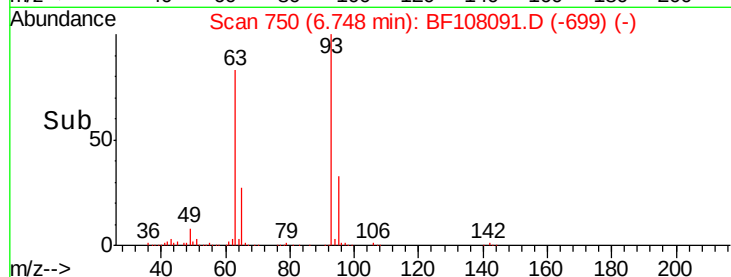
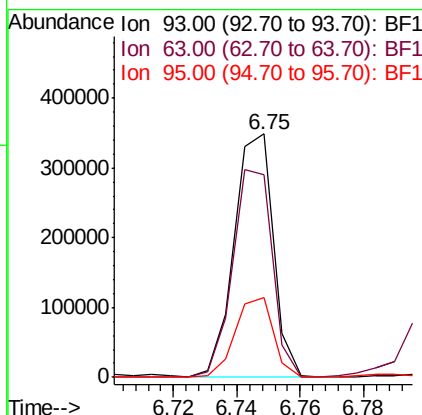
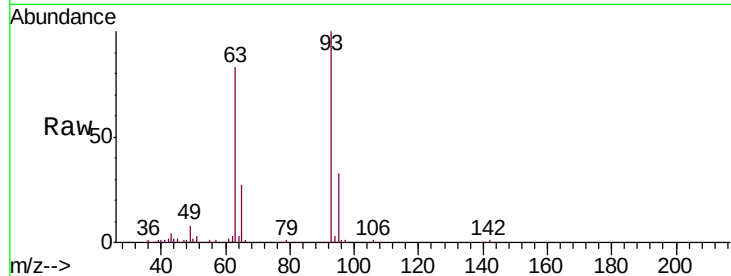
#11
bis(2-Chloroethyl)ether
Concen: 17.873 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296292		
63	83.2	58.6	98.6	
95	33.0	11.8	51.8	

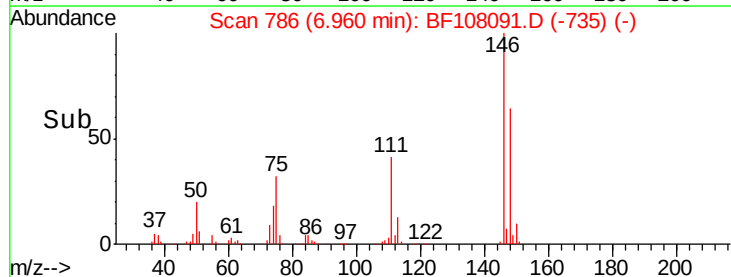
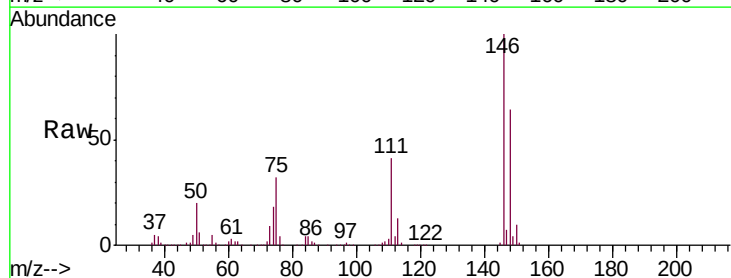
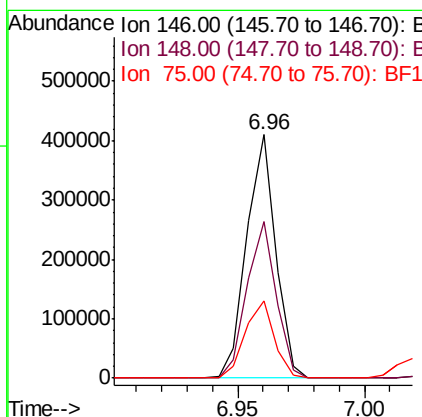
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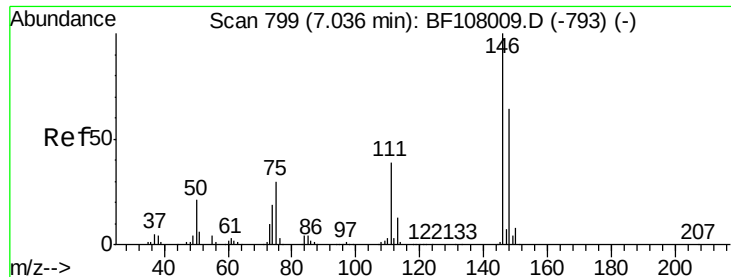
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#12
1,3-Dichlorobenzene
Concen: 16.848 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	327306		
148	64.4	51.8	77.8	
75	31.6	24.2	36.4	





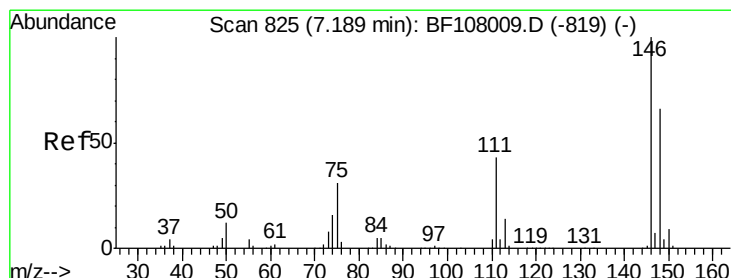
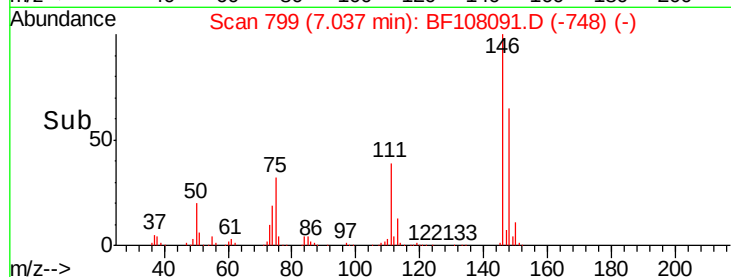
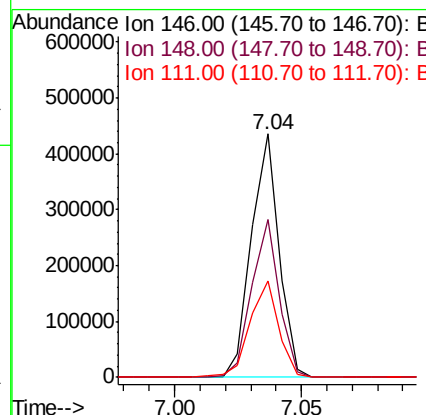
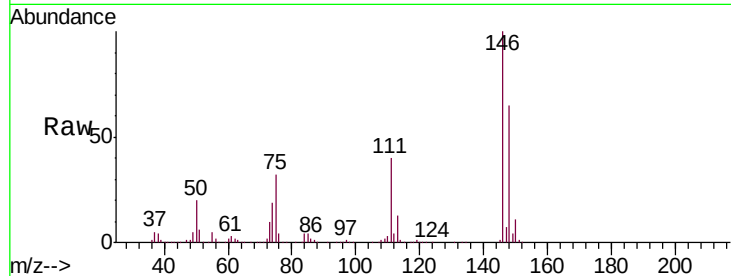
#13
 1,4-Dichlorobenzene
 Concen: 17.046 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	332713		
148	64.6	50.8	76.2	
111	39.6	34.2	51.2	

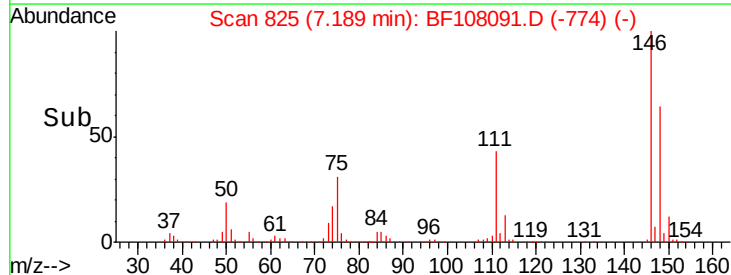
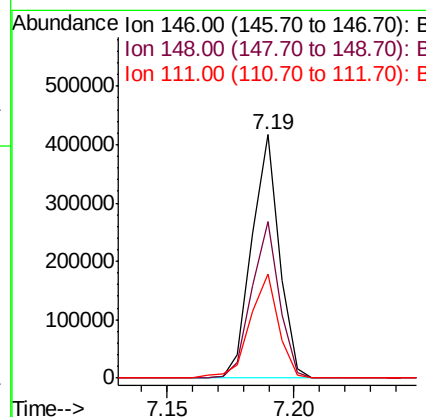
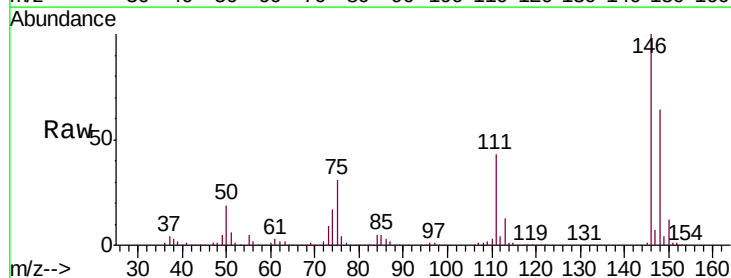
Manual Integrations
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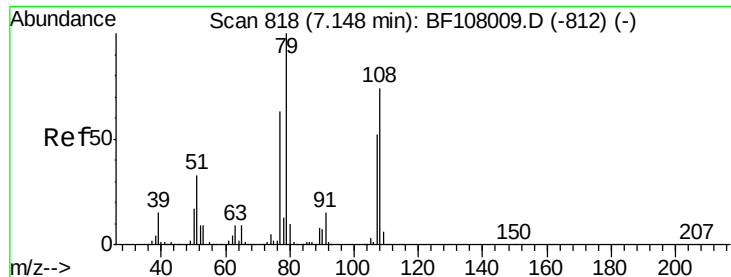
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#14
 1,2-Dichlorobenzene
 Concen: 17.330 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	314635		
148	64.4	50.6	75.8	
111	42.6	36.0	54.0	





#15

Benzyl Alcohol

Concen: 16.980 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

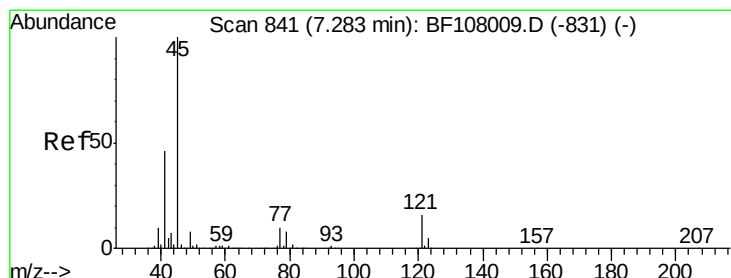
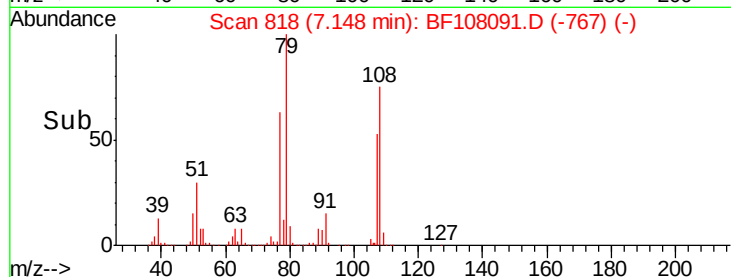
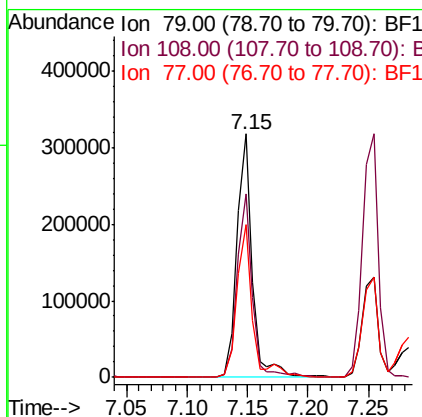
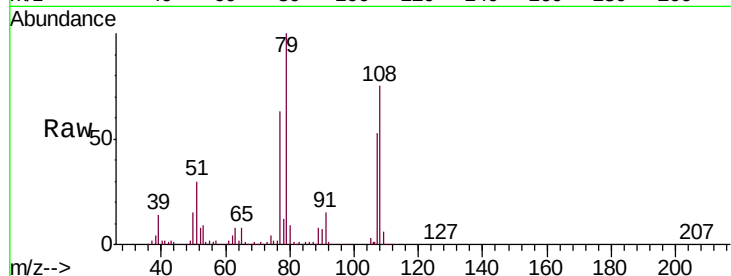
ClientSampleId :

JC-03-080918-AMS

Tgt Ion:	79	Resp:	283378
Ion Ratio	Lower	Upper	
79	100		
108	75.4	65.1	97.7
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.904 ng

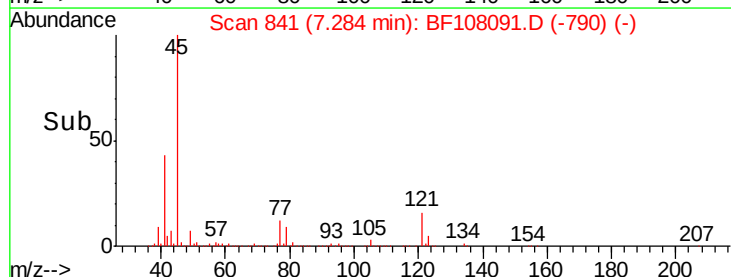
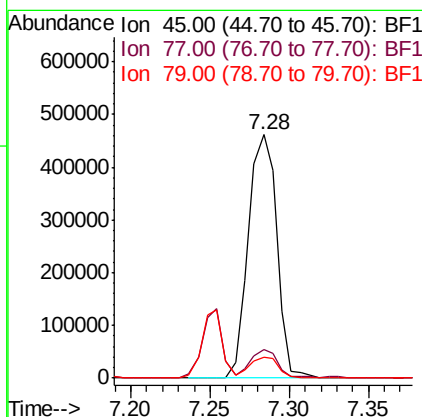
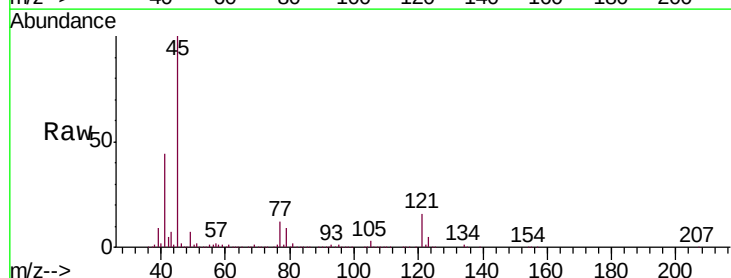
RT: 7.28 min Scan# 841

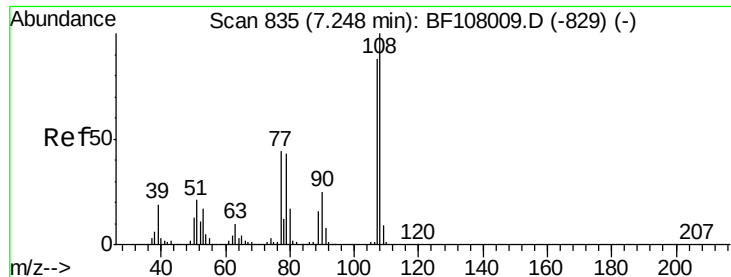
Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:	45	Resp:	577309
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	32.9
79	8.6	0.0	29.6





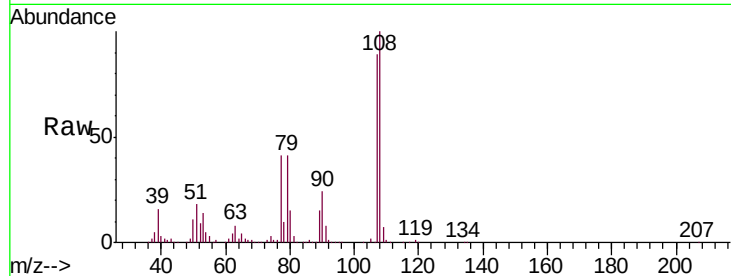
#17
2-Methylphenol
Concen: 17.242 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	46.8	33.8	50.8	
79	46.3	33.8	50.8	

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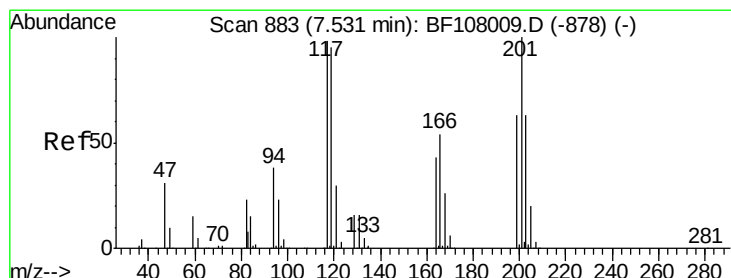
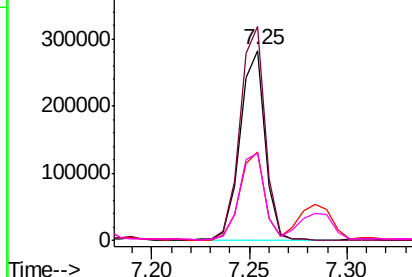
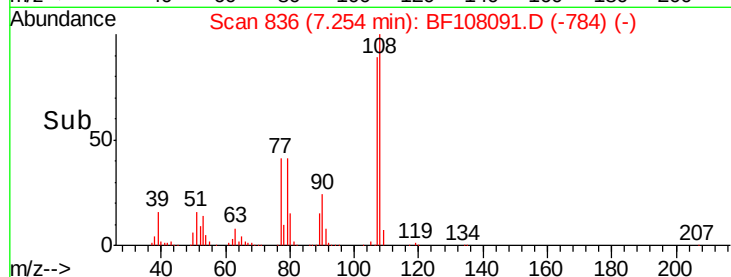
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

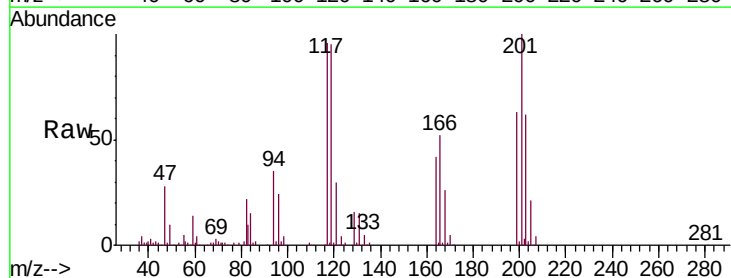
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 14.104 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	75.8	113.8	
201	104.6	75.7	113.5	

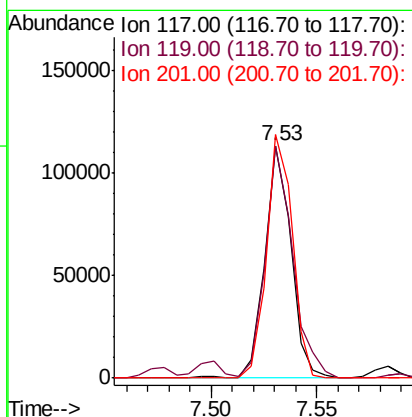
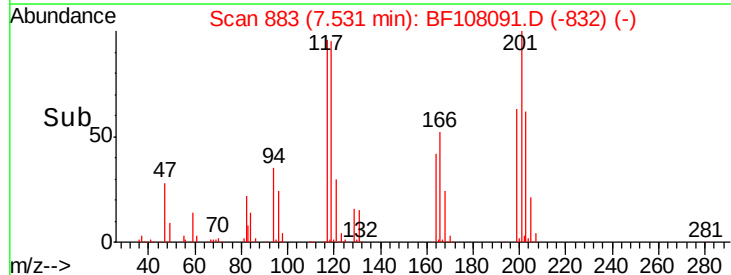


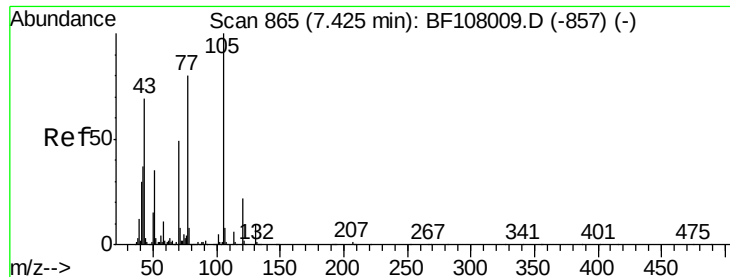
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





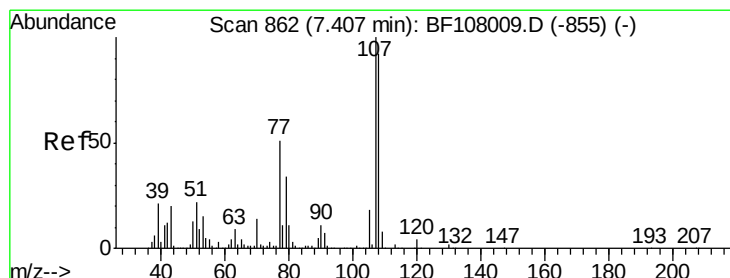
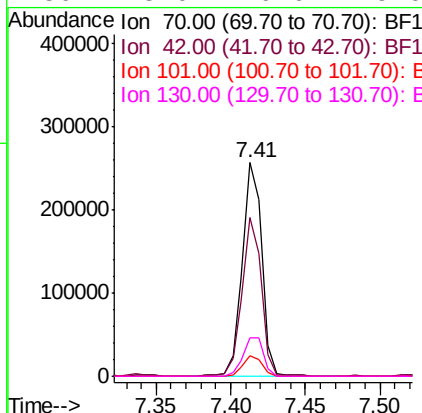
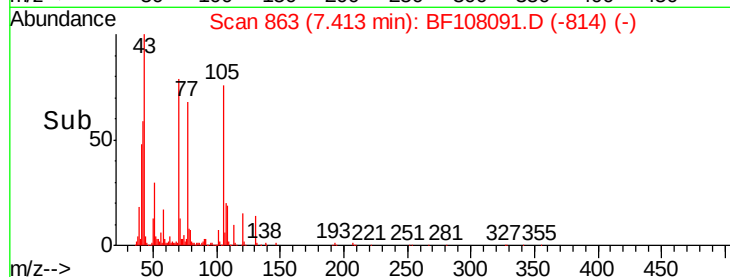
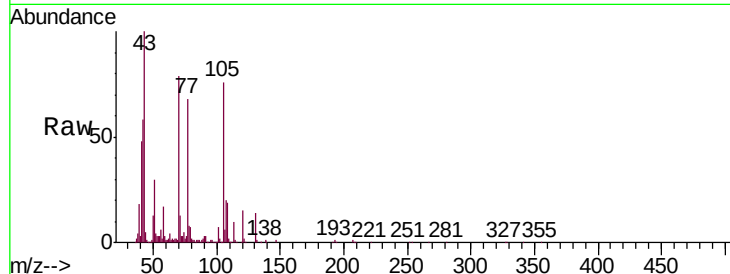
#19
n-Nitroso-di-n-propylamine
Concen: 17.423 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	233570		
42	74.2	47.5	71.3#	
101	9.4	7.4	11.2	
130	18.0	16.6	25.0	

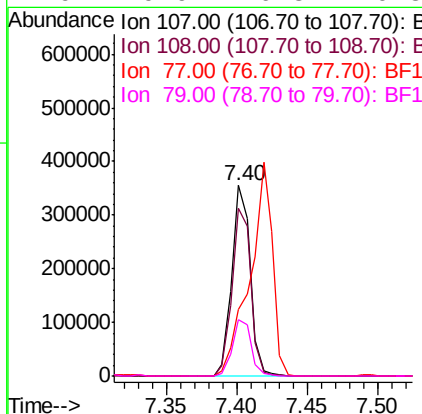
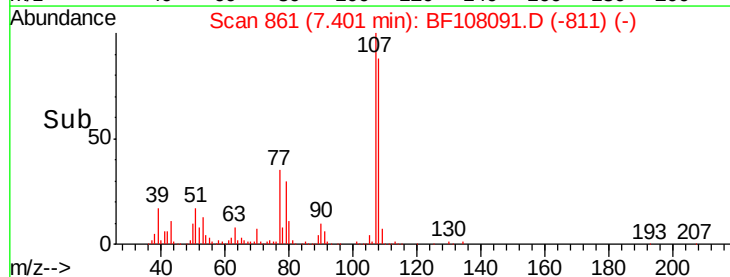
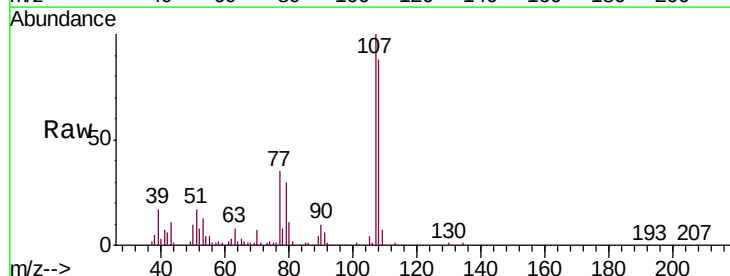
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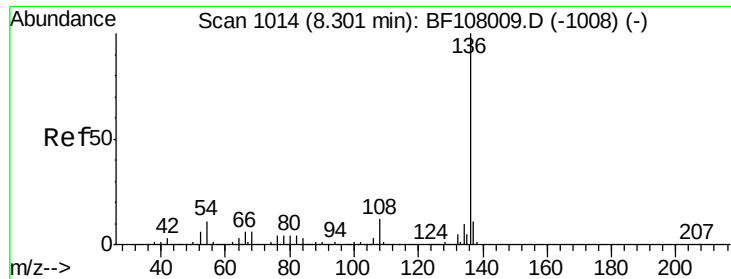
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#20
3+4-Methylphenols
Concen: 17.478 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	322708		
108	87.8	68.2	108.2	
77	35.0	26.7	66.7	
79	29.9	6.3	46.3	





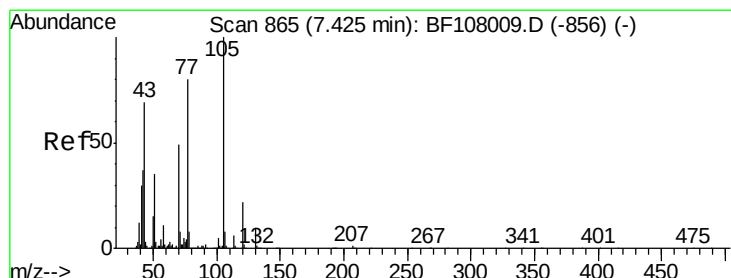
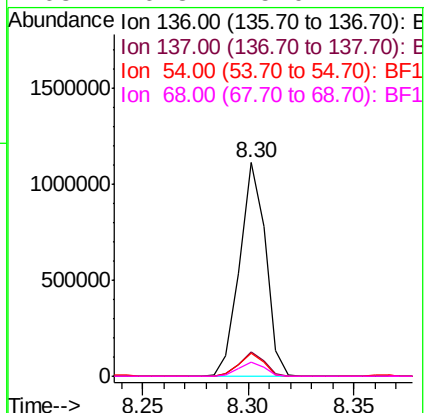
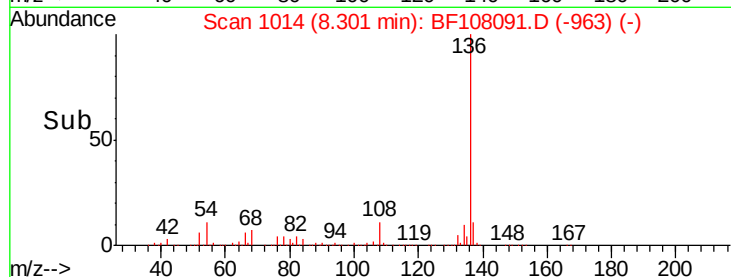
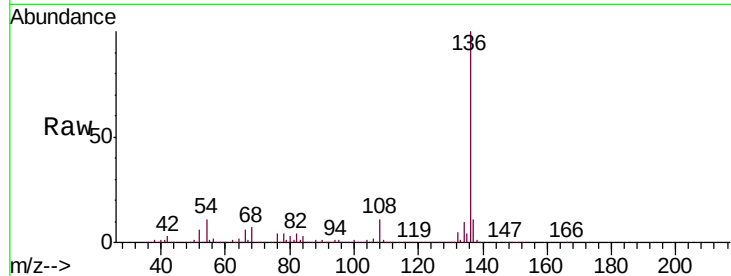
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	949370		
137	11.4	8.9	13.3	
54	10.7	6.6	9.8#	
68	6.8	5.0	7.4	

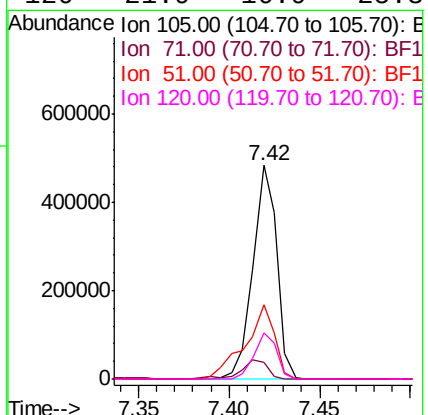
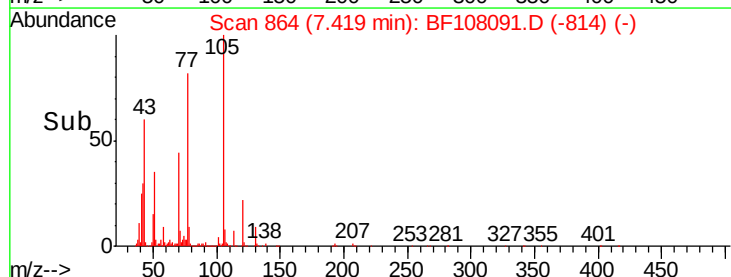
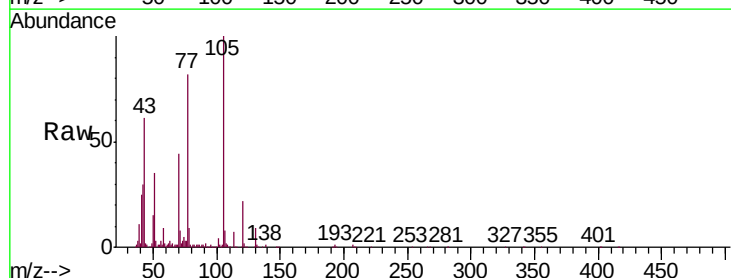
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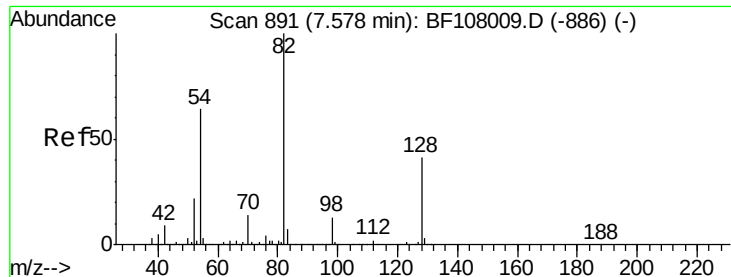
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#22
Acetophenone
Concen: 19.975 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	443413		
71	7.6	4.4	6.6#	
51	35.0	22.3	33.5#	
120	21.9	16.9	25.3	





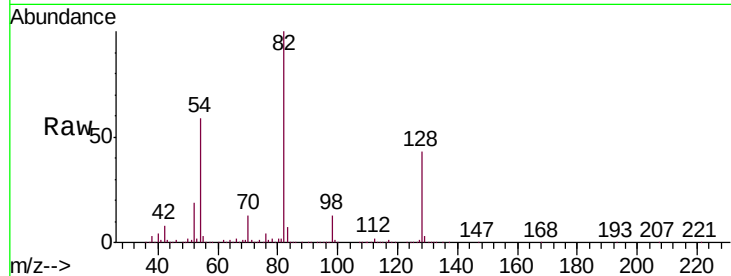
#23
 Nitrobenzene-d5
 Concen: 40.097 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

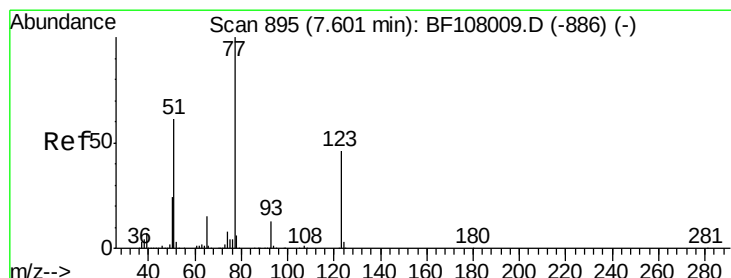
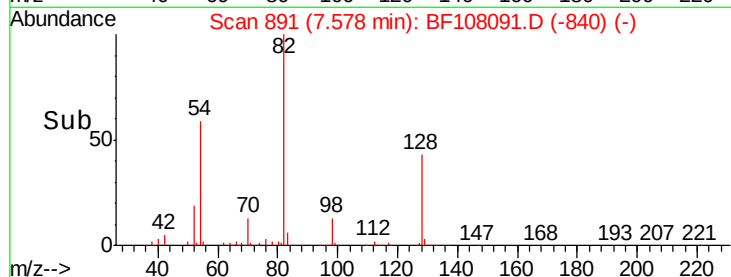
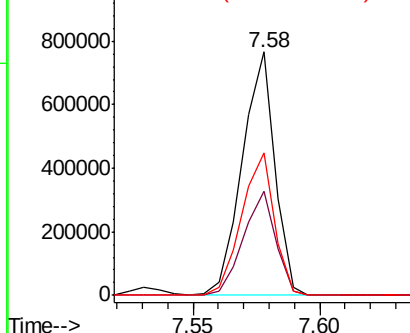
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	682187		
128	42.8	36.1	54.1	
54	58.7	41.4	62.2	

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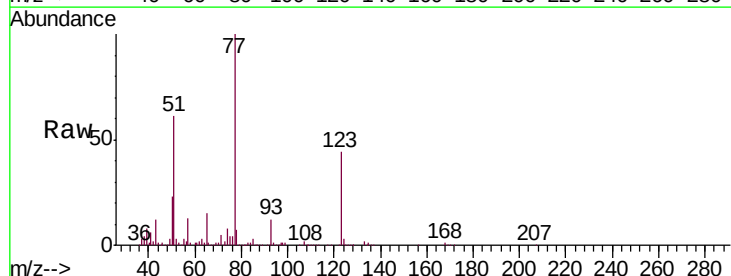


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

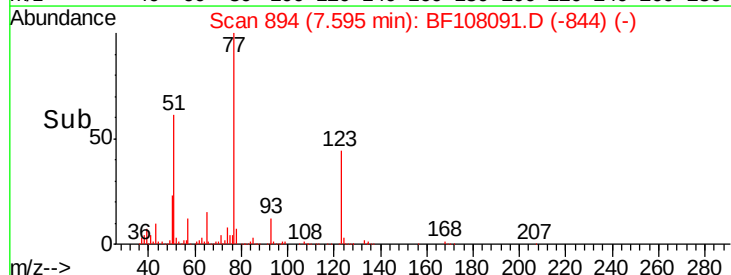
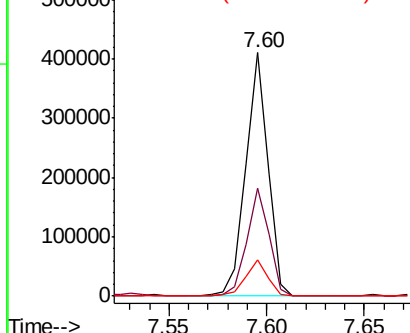


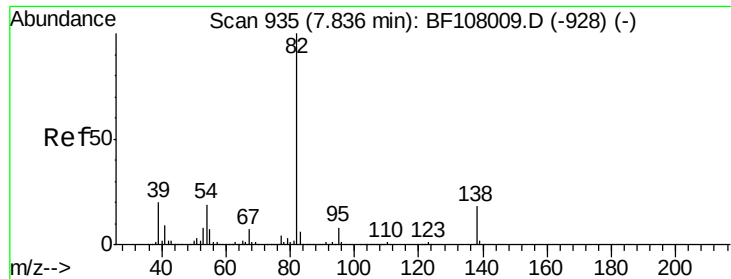
#24
 Nitrobenzene
 Concen: 18.719 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	322047		
123	44.4	37.9	56.9	
65	14.9	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





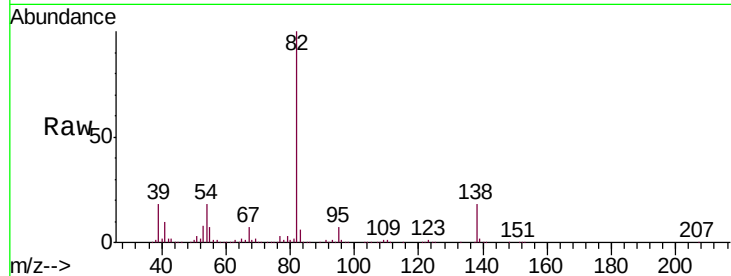
#25
Isophorone
Concen: 18.258 ng
RT: 7.83 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

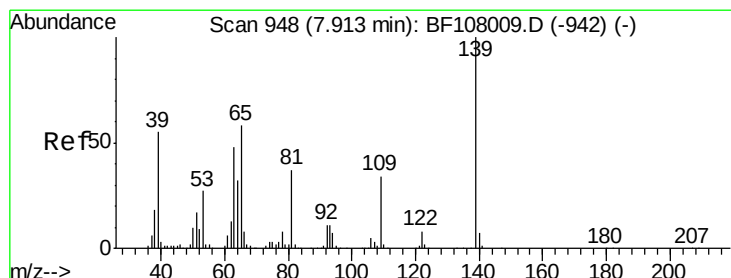
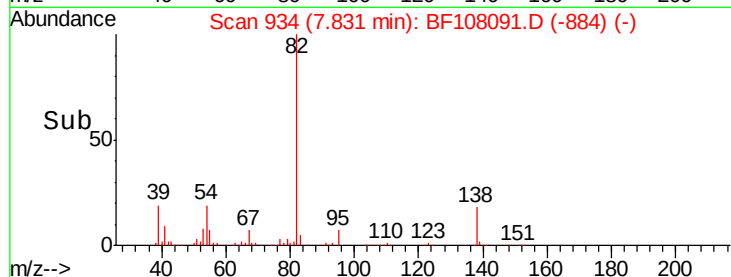
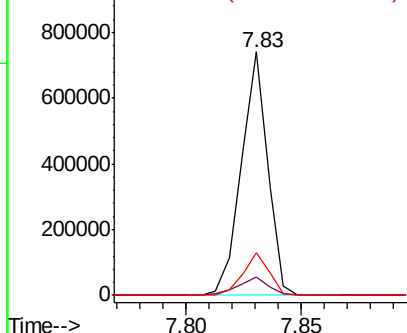
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	592088		
95	7.5	5.2	7.8	
138	17.8	14.9	22.3	

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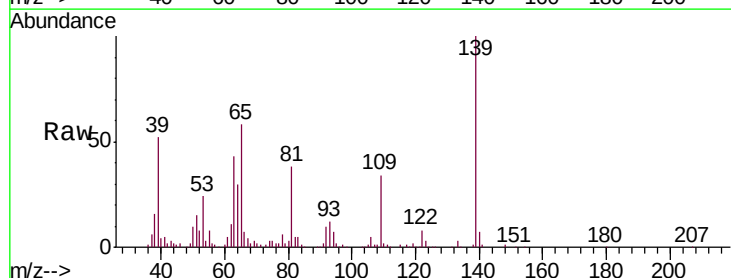


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

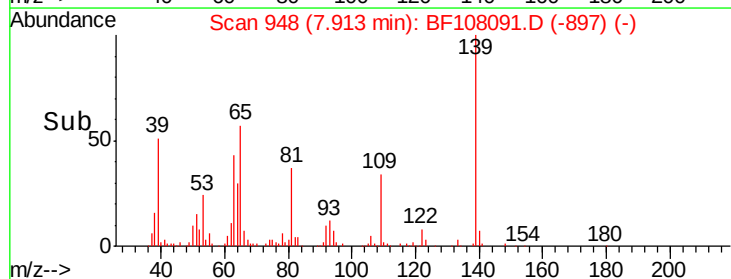
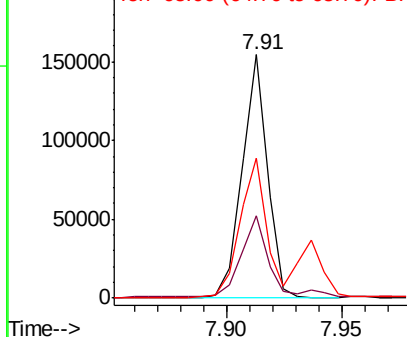


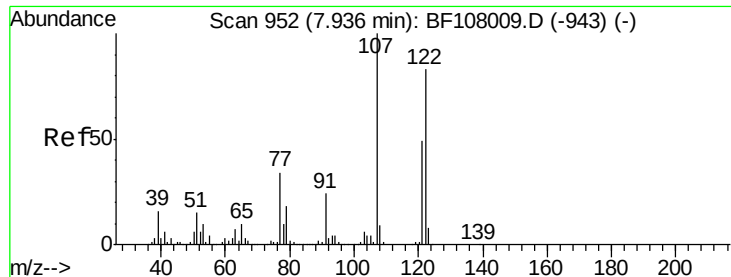
#26
2-Nitrophenol
Concen: 18.236 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	118482		
109	33.8	22.7	34.1	
65	57.7	40.5	60.7	



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





#27

2,4-Dimethylphenol

Concen: 18.431 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

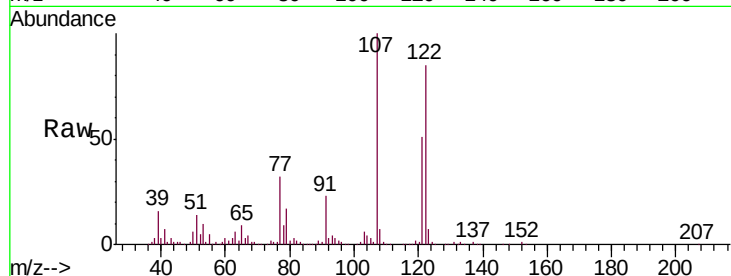
ClientSampleId :

JC-03-080918-AMS

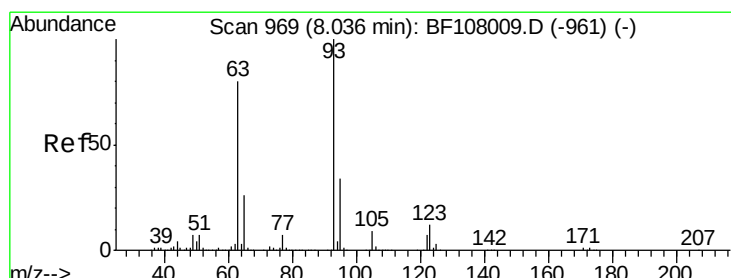
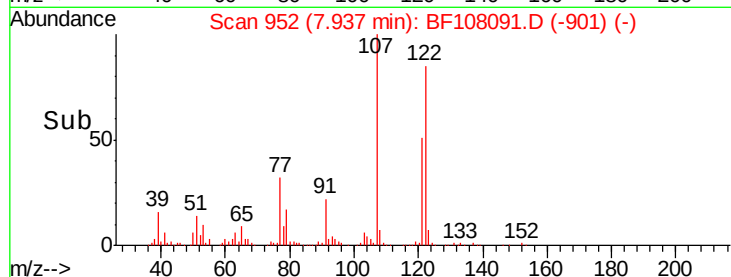
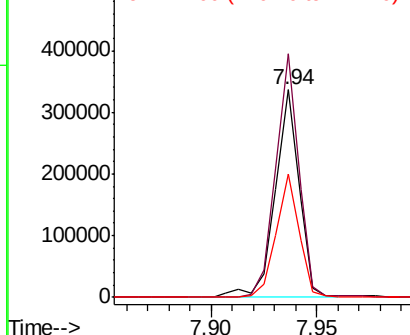
Tgt Ion:	122	Resp:	265267
Ion Ratio	Lower	Upper	
122	100		
107	117.2	91.2	136.8
121	59.5	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 19.305 ng

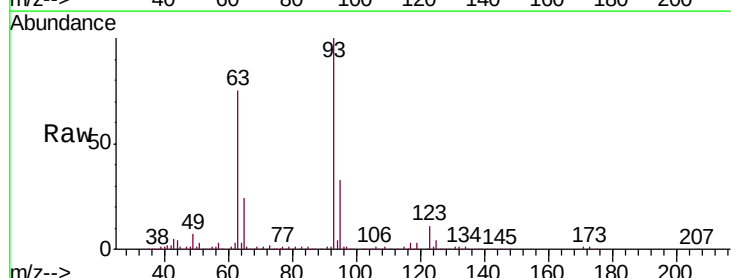
RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

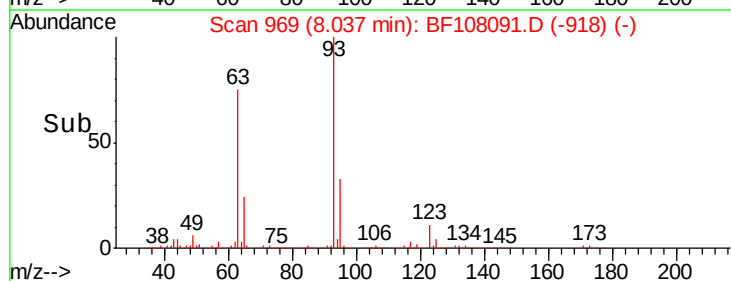
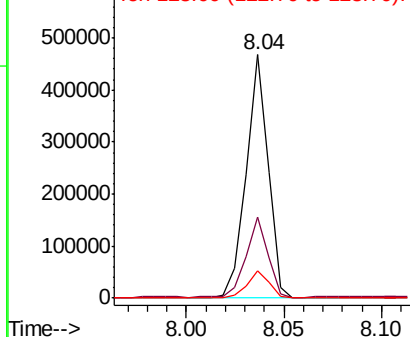
Lab File: BF108091.D

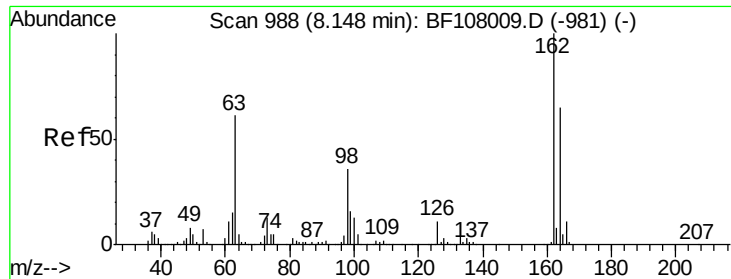
Acq: 10 Aug 2018 18:33

Tgt Ion:	93	Resp:	365450
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.1	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





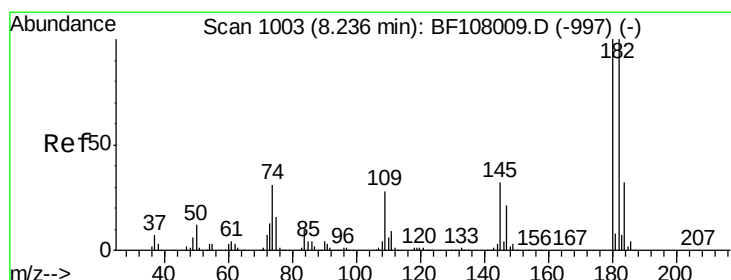
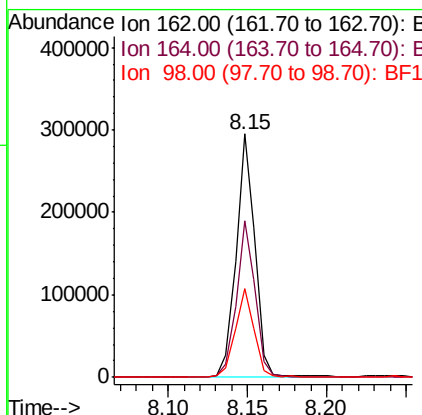
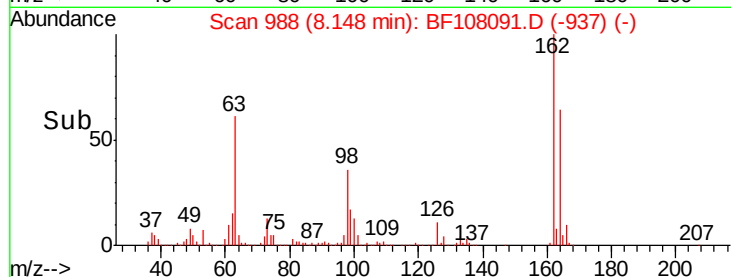
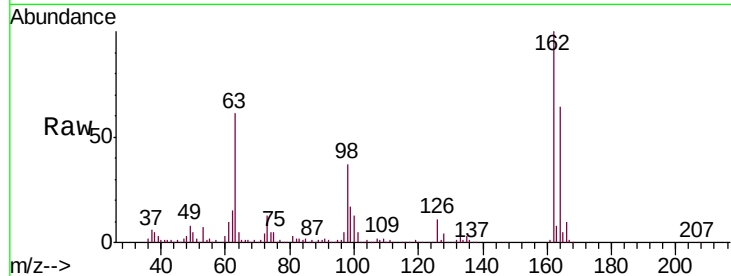
#29
2,4-Dichlorophenol
Concen: 18.456 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	244446		
164	64.1	42.7	82.7	
98	36.6	18.1	58.1	

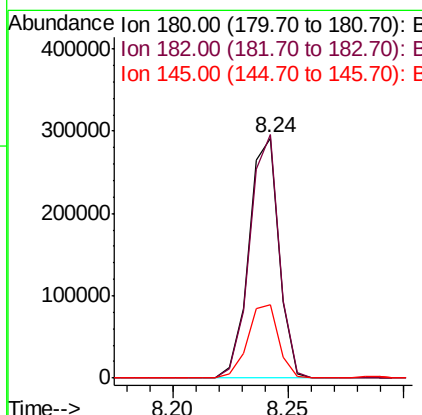
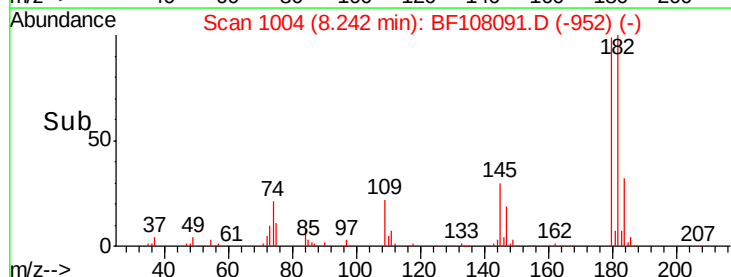
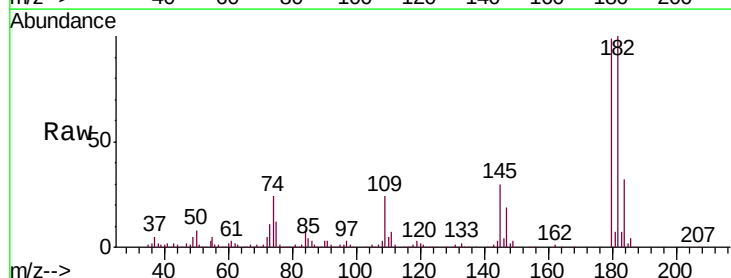
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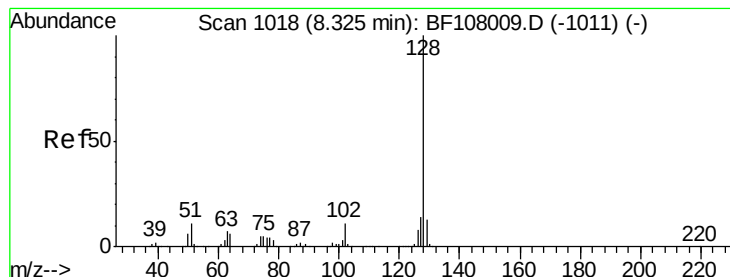
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#30
1,2,4-Trichlorobenzene
Concen: 18.222 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	266095		
182	101.3	76.8	115.2	
145	30.5	26.5	39.7	





#31

Naphthalene

Concen: 19.879 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

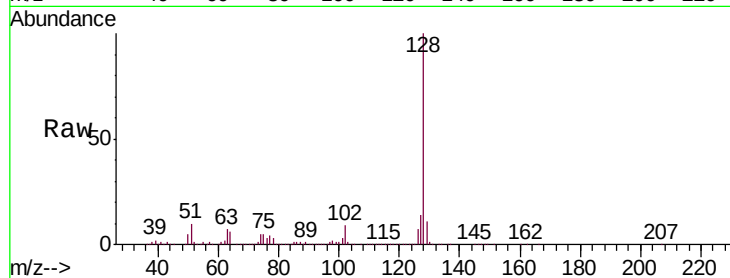
ClientSampleId :

JC-03-080918-AMS

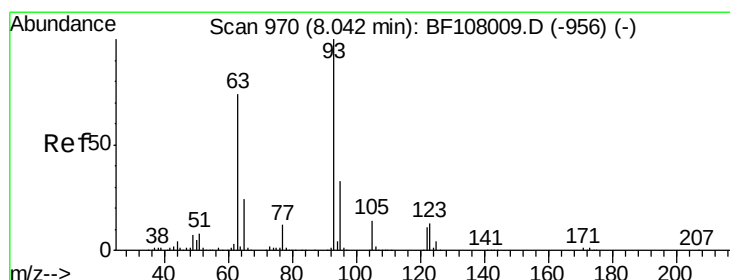
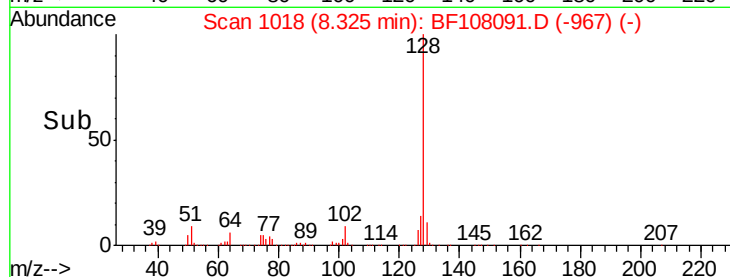
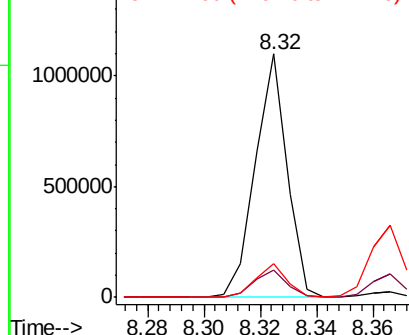
Tgt Ion:	128	Resp:	858299
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.244 ng m

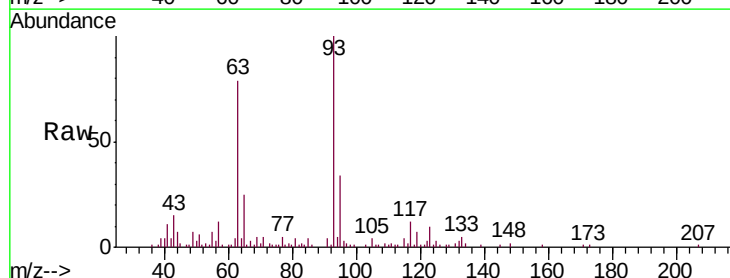
RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

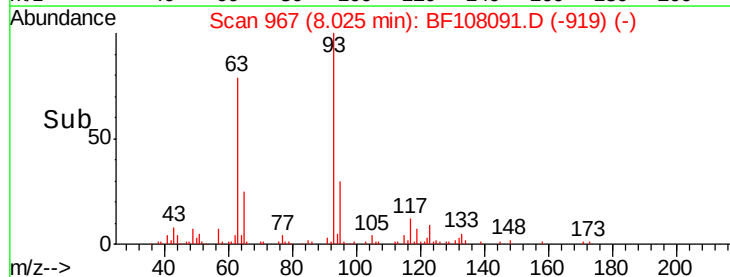
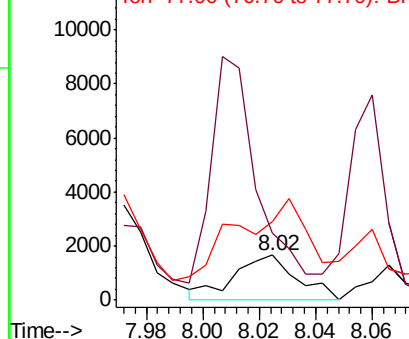
Lab File: BF108091.D

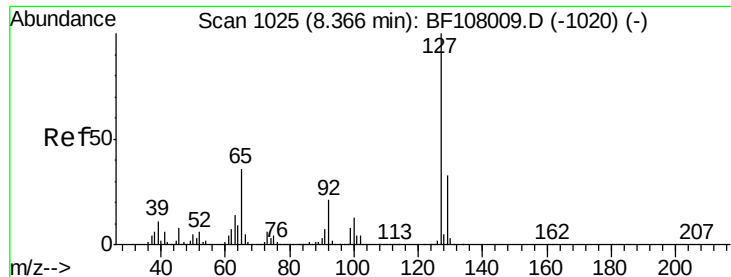
Acq: 10 Aug 2018 18:33

Tgt Ion:	122	Resp:	2571
Ion Ratio	Lower	Upper	
122	100		
105	149.6	101.1	141.1#
77	175.5	70.7	110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
12000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





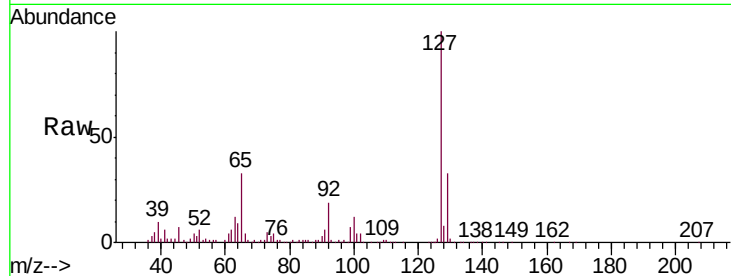
#33
4-Chloroaniline
Concen: 14.202 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

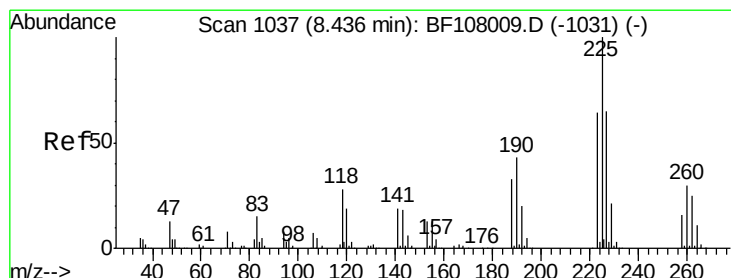
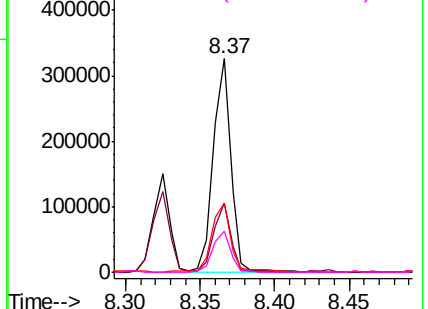
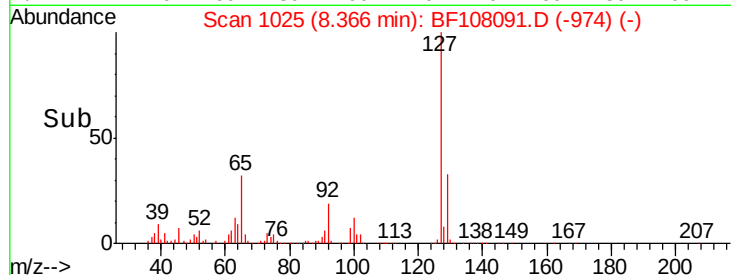
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	267228		
129	32.6	25.9	38.9	
65	32.6	25.0	37.4	
92	19.2	15.2	22.8	

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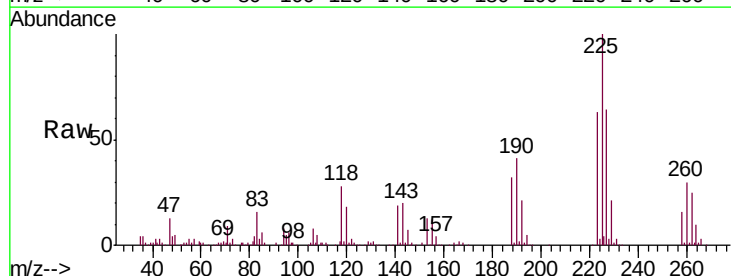


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

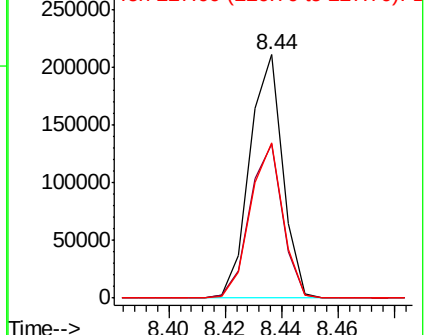
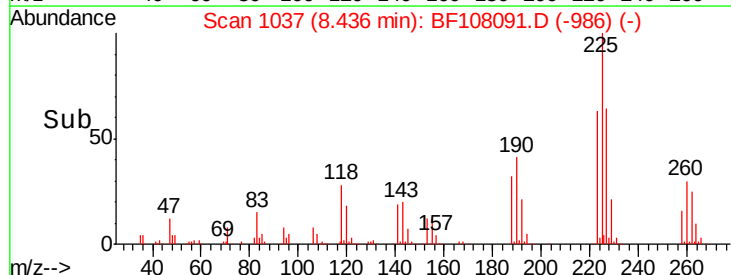


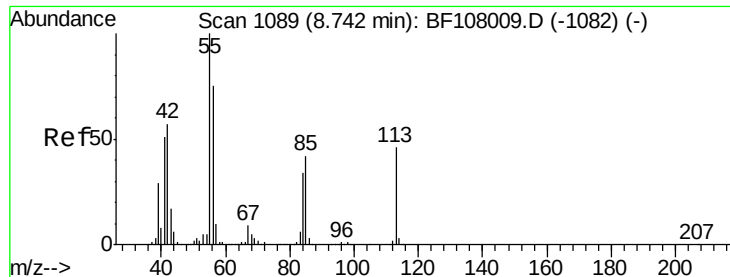
#34
Hexachlorobutadiene
Concen: 18.514 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171153		
223	63.1	50.6	76.0	
227	63.9	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





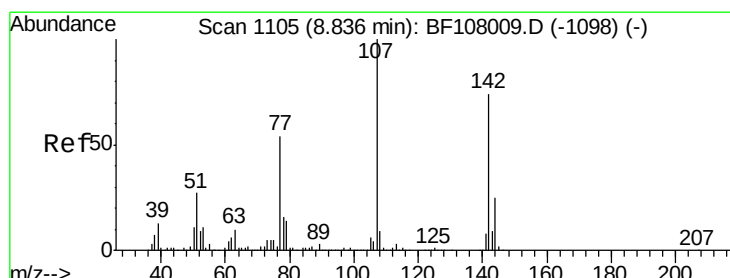
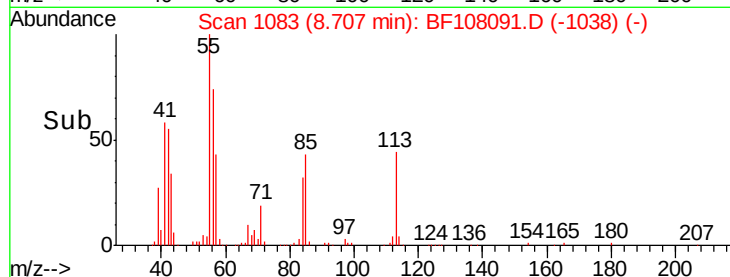
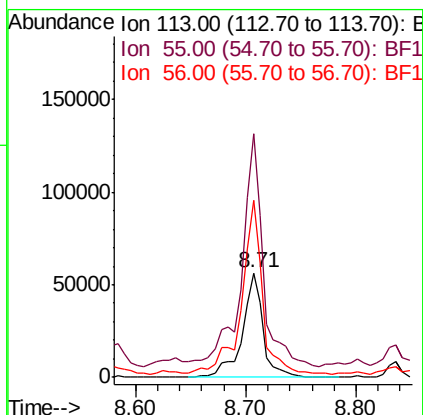
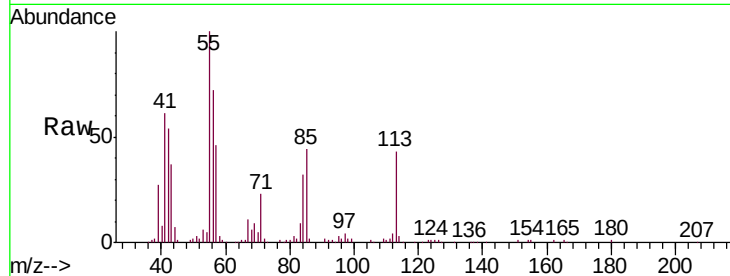
#35
 Caprolactam
 Concen: 18.024 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	233.6	163.3	203.3#
56	169.3	115.7	155.7#

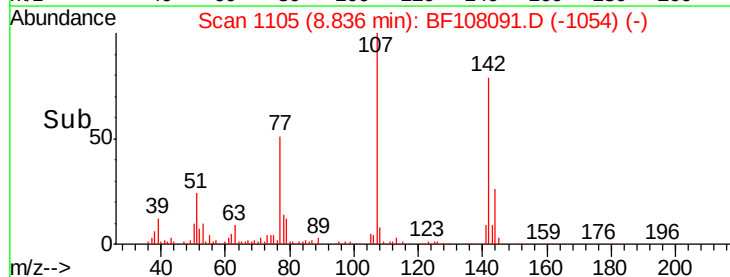
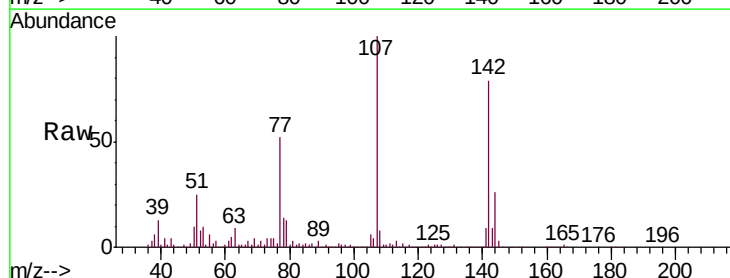
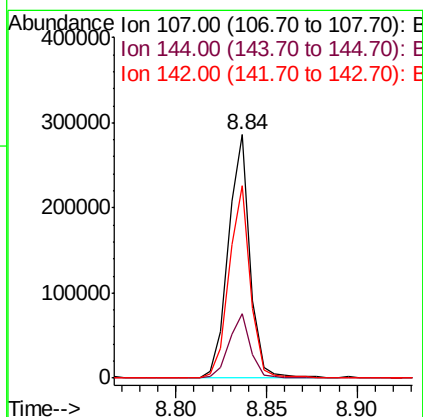
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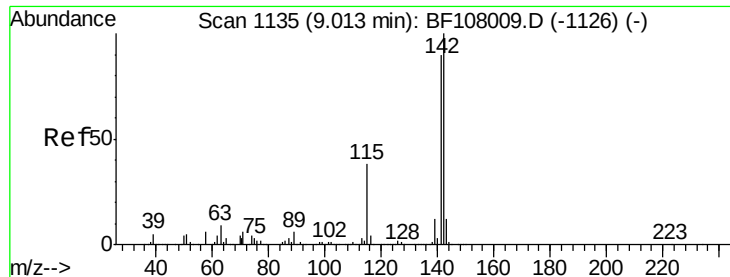
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#36
 4-Chloro-3-methylphenol
 Concen: 16.538 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	78.9	62.0	93.0





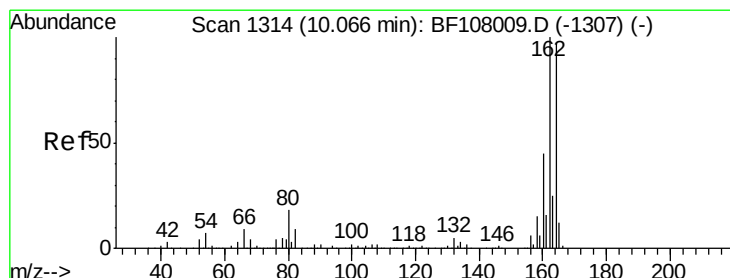
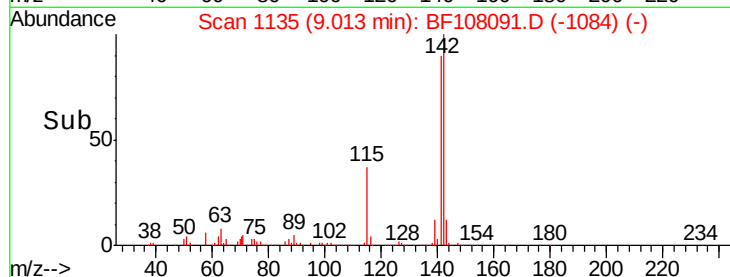
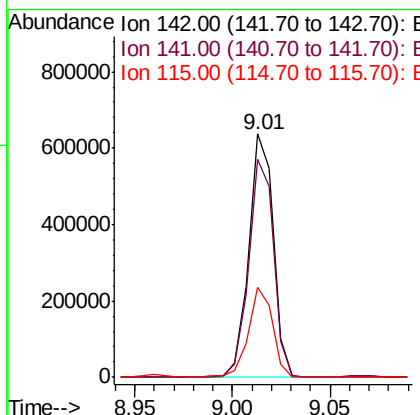
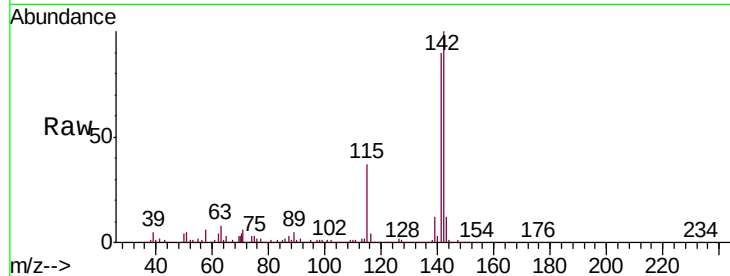
#37
2-Methylnaphthalene
Concen: 18.158 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	554683		
141	89.6	70.8	106.2	
115	36.8	26.1	39.1	

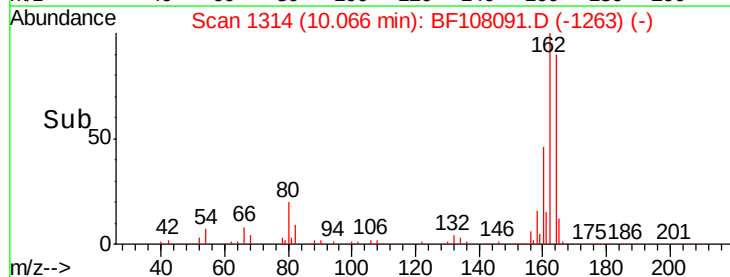
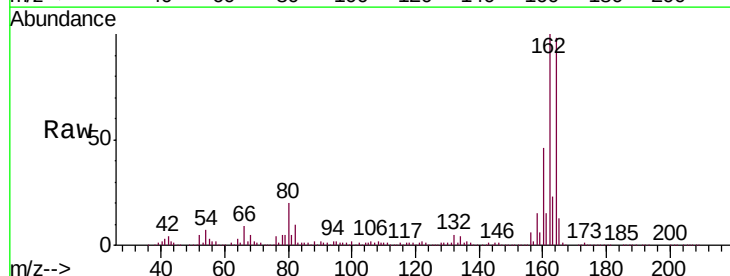
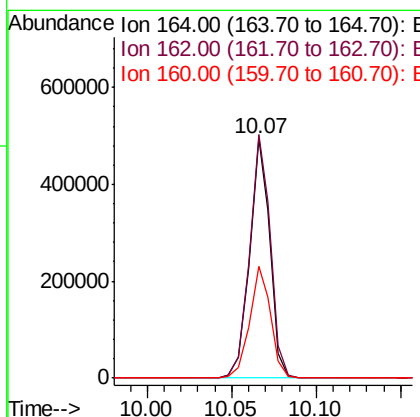
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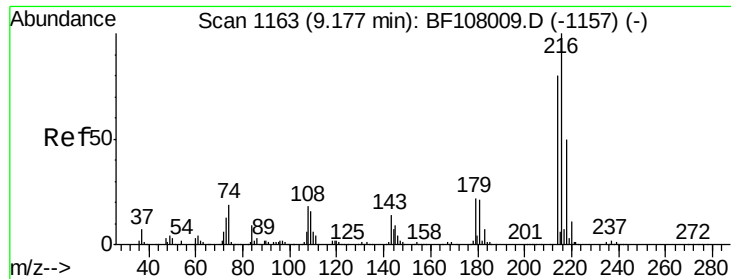
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	413576		
162	101.6	86.1	129.1	
160	46.6	38.3	57.5	





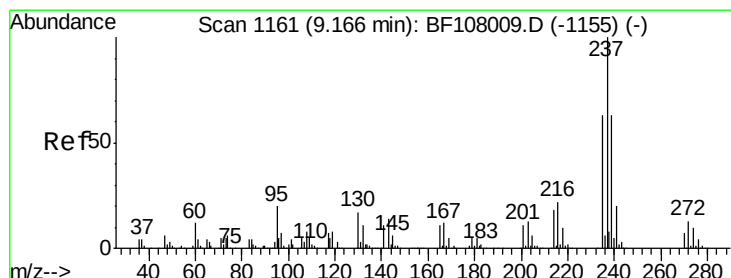
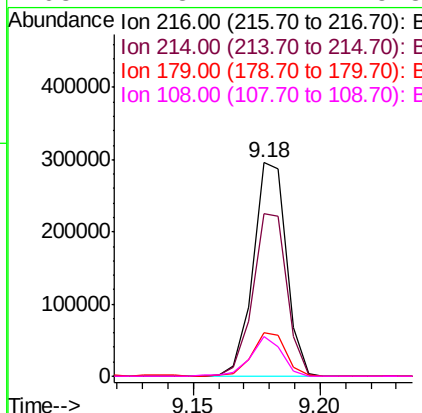
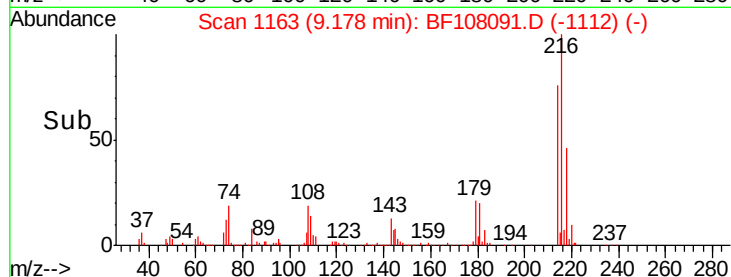
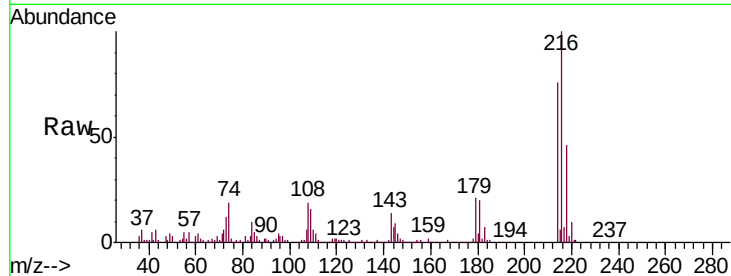
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.241 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	269770		
214	78.1	63.0	94.4	
179	20.5	18.1	27.1	
108	17.3	17.2	25.8	

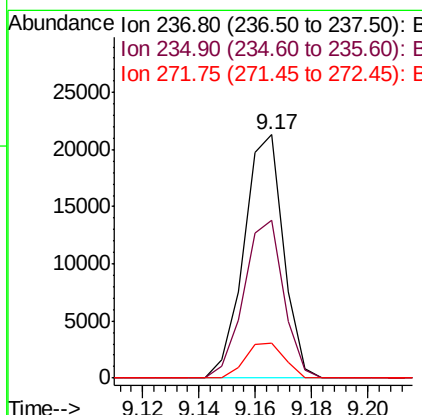
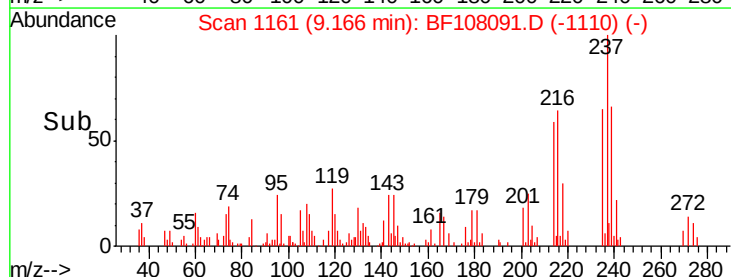
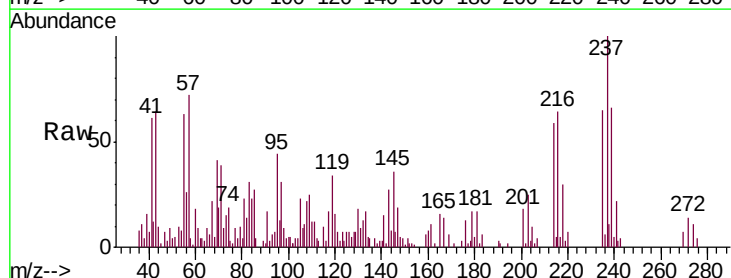
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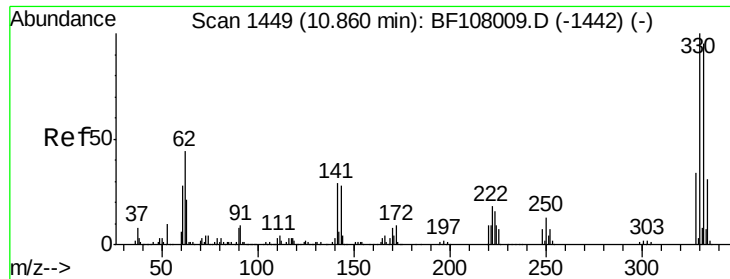
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#40
 Hexachlorocyclopentadiene
 Concen: 2.518 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	20660		
235	64.7	44.8	84.8	
272	14.5	0.0	33.3	





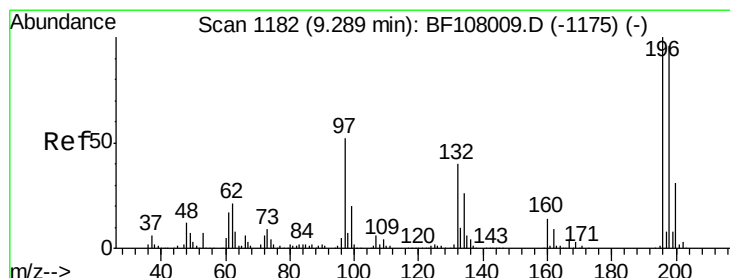
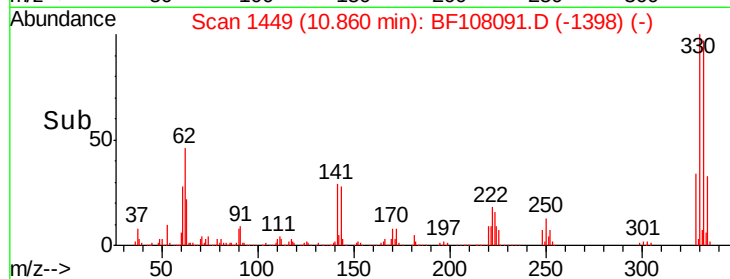
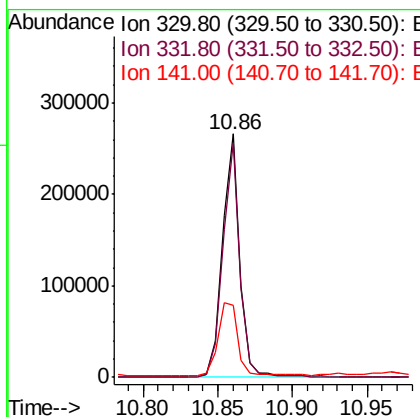
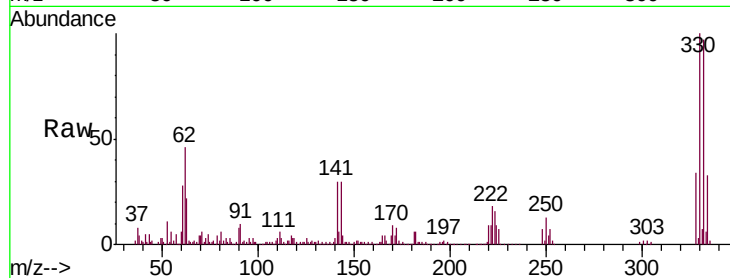
#41
 2,4,6-Tribromophenol
 Concen: 53.193 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	219438		
332	95.0	77.0	115.6	
141	33.5	29.9	44.9	

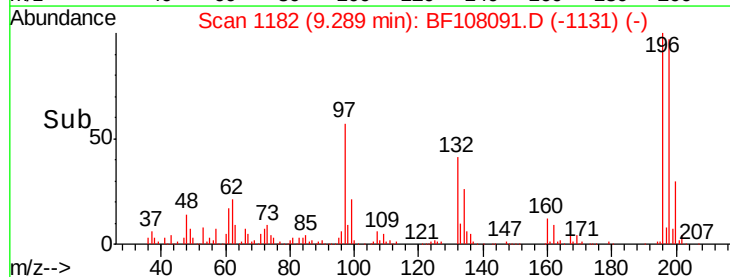
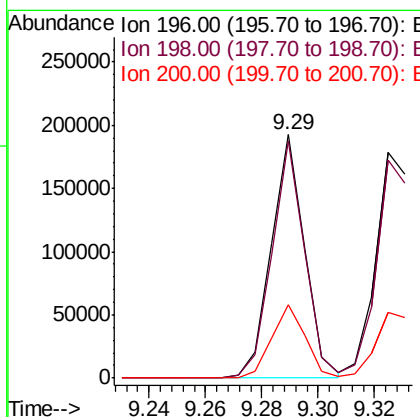
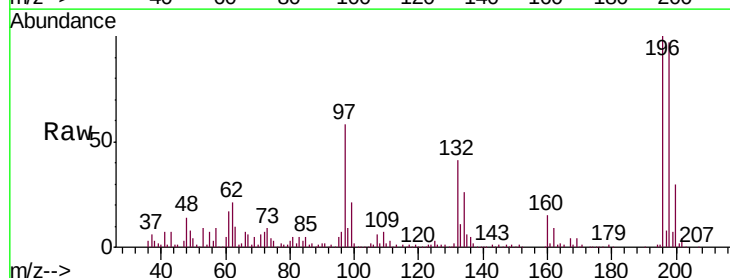
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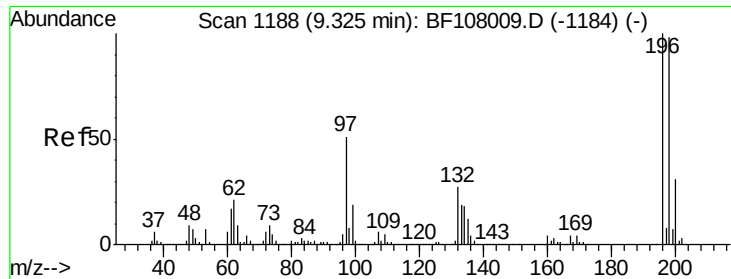
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 19.947 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157205		
198	97.3	75.7	113.5	
200	30.2	24.5	36.7	





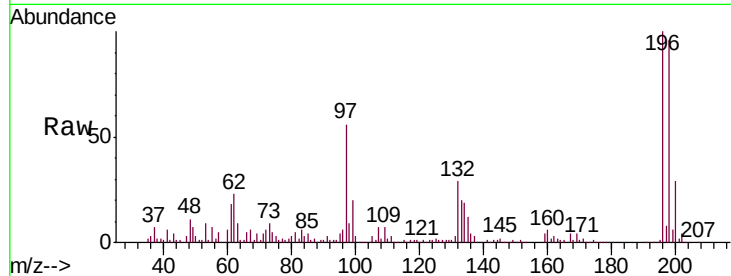
#43
 2,4,5-Trichlorophenol
 Concen: 19.444 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

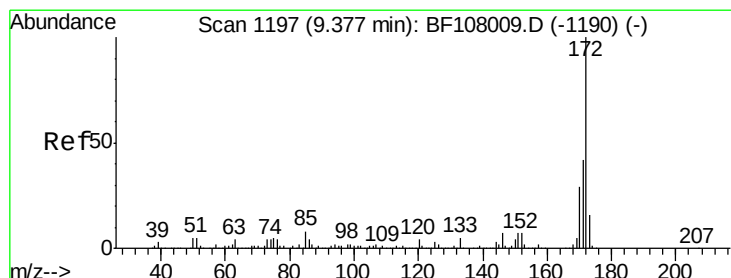
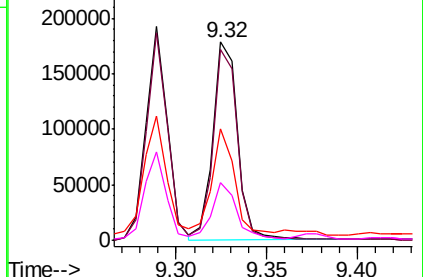
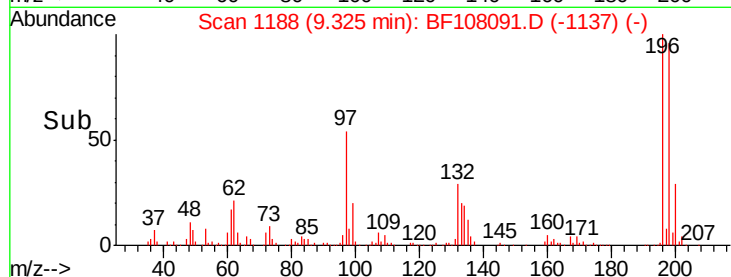
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		168693		
198	96.4		74.6	112.0	
97	56.2		42.9	64.3	
132	29.3		26.3	39.5	

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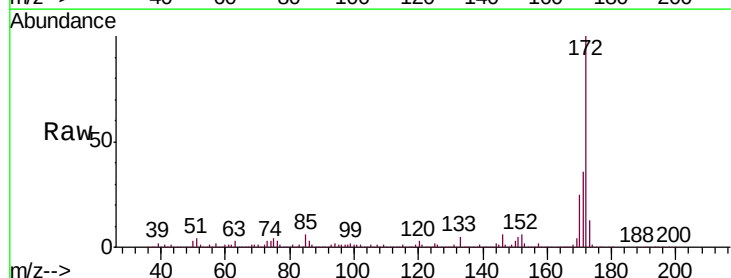


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

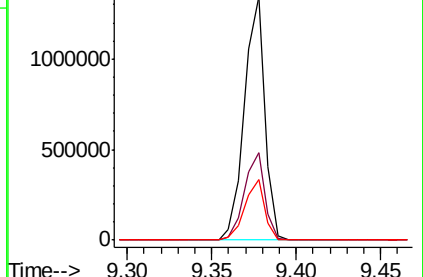
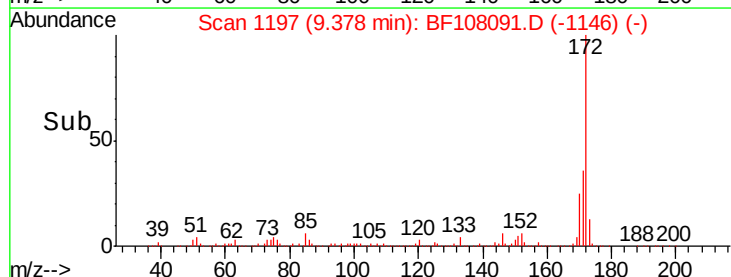


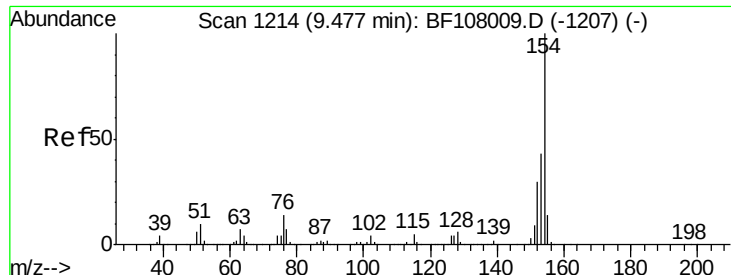
#44
 2-Fluorobiphenyl
 Concen: 44.153 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1137412		
171	35.8		29.7	44.5	
170	24.7		19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





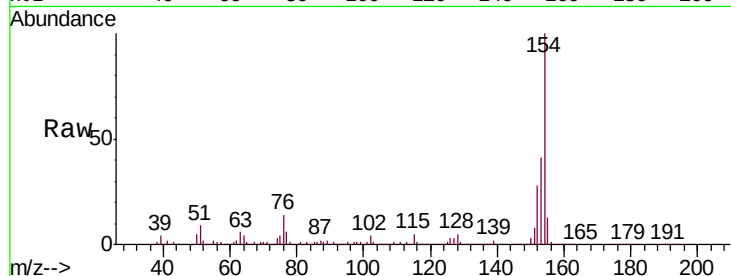
#45
 1,1'-Biphenyl
 Concen: 21.587 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

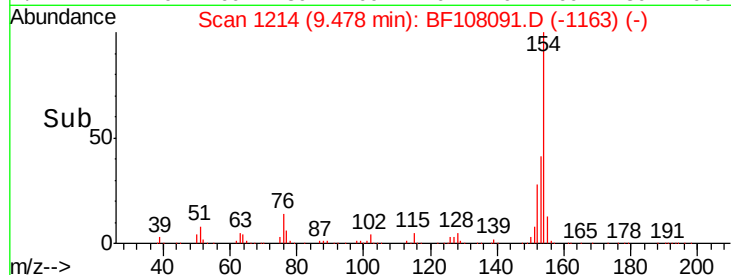
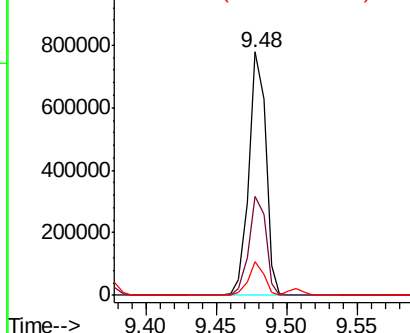
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.7	0.0	34.0

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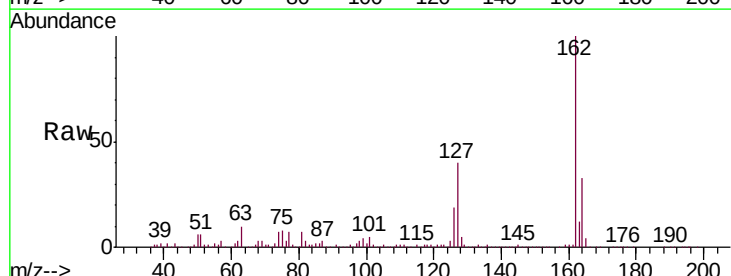
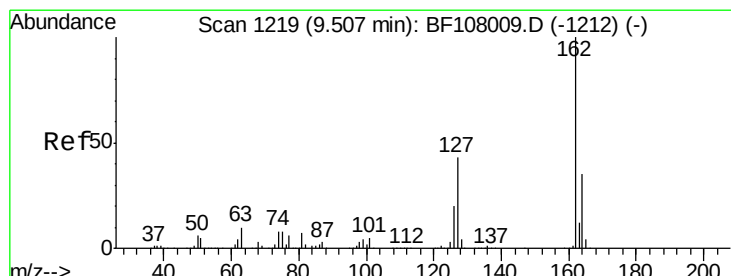
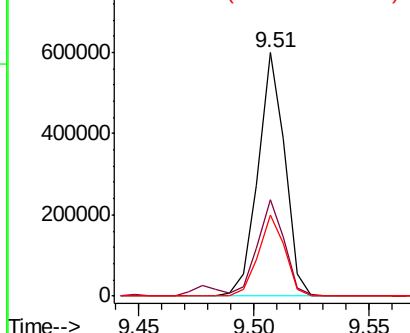
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

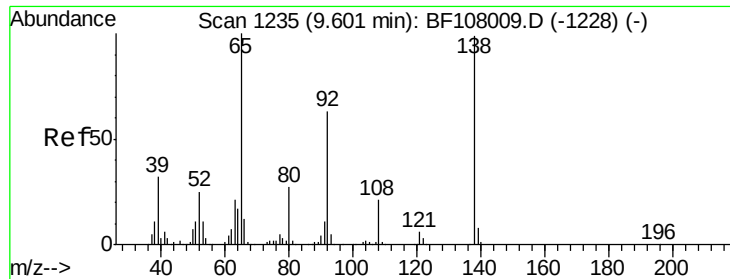


#46
 2-Chloronaphthalene
 Concen: 20.194 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.8	33.9	50.9
164	33.1	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





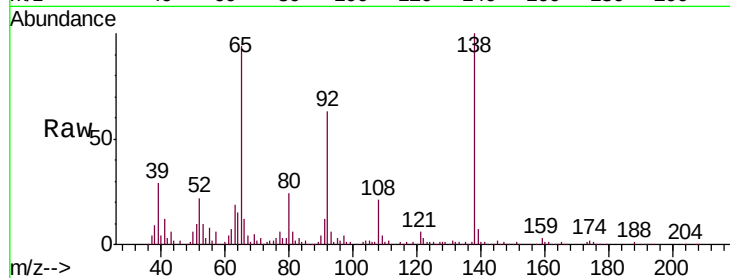
#47
2-Nitroaniline
Concen: 19.990 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	55.8	83.6
138	106.6	91.2	136.8

Manual Integrations
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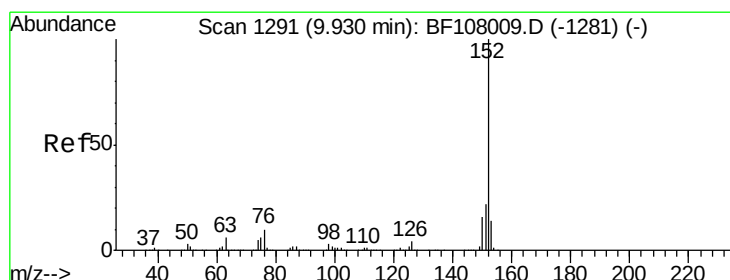
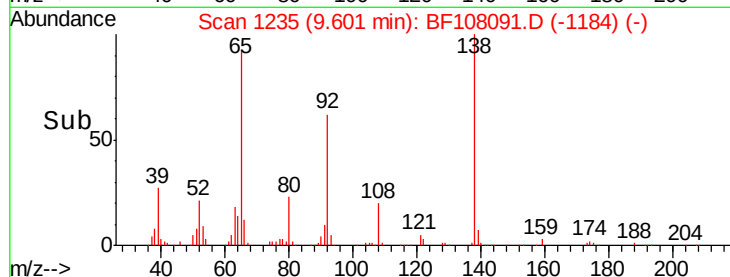
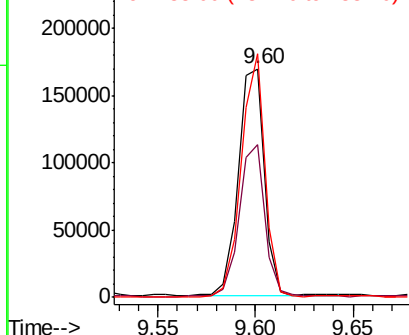


Abundance

Ion 65.00 (64.70 to 65.70): BF1

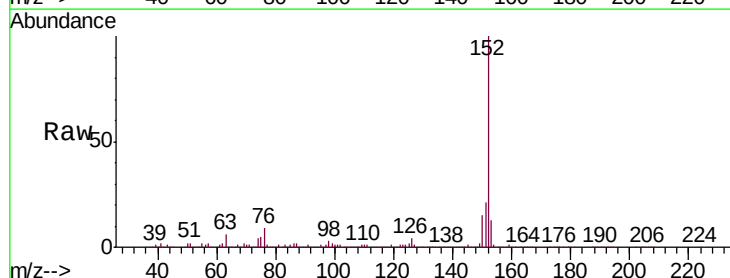
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 19.958 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1

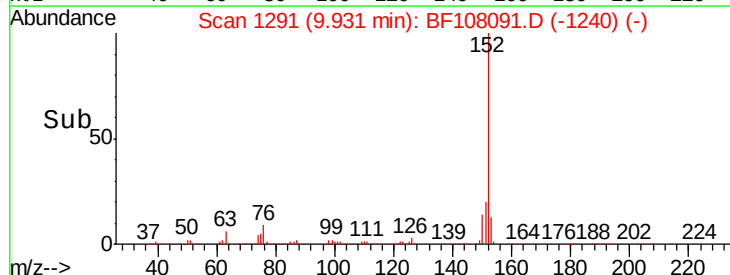
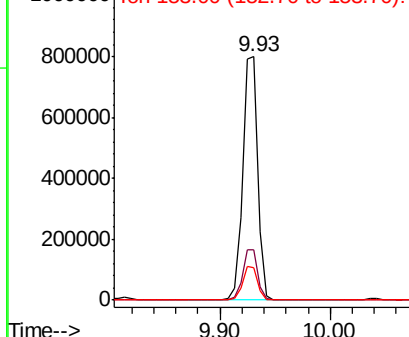


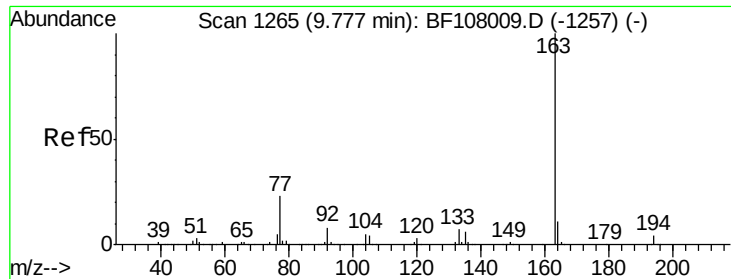
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





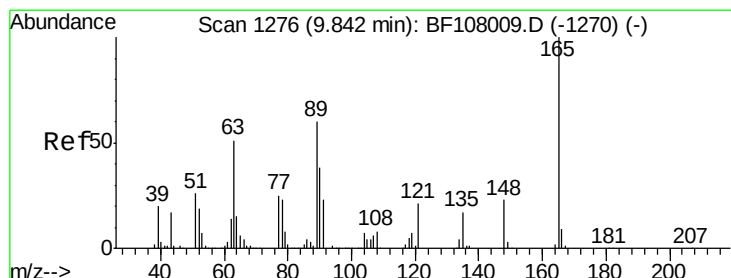
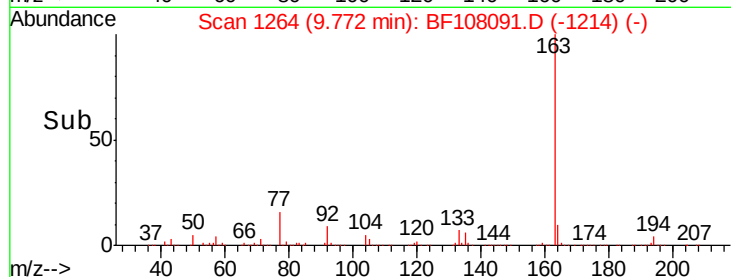
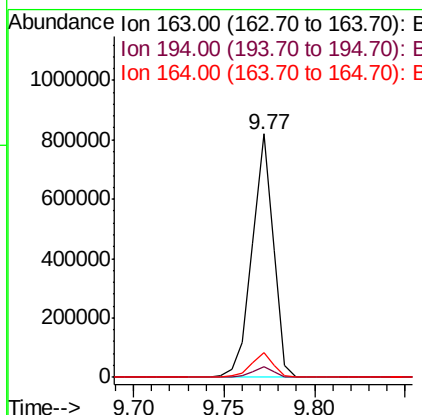
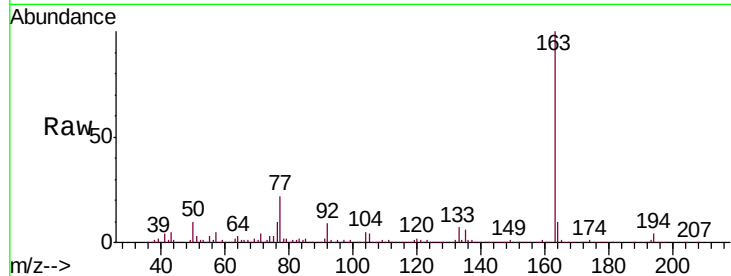
#49
Dimethylphthalate
Concen: 23.087 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	665111		
194	4.2	2.7	4.1#	
164	10.2	8.2	12.2	

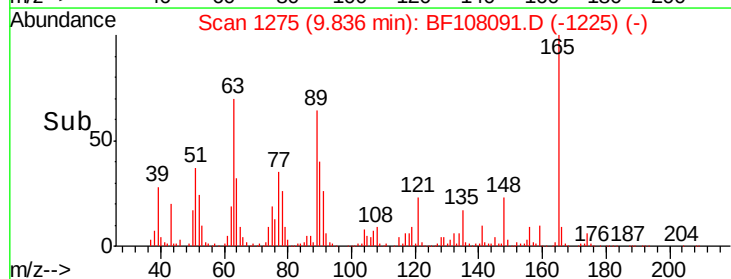
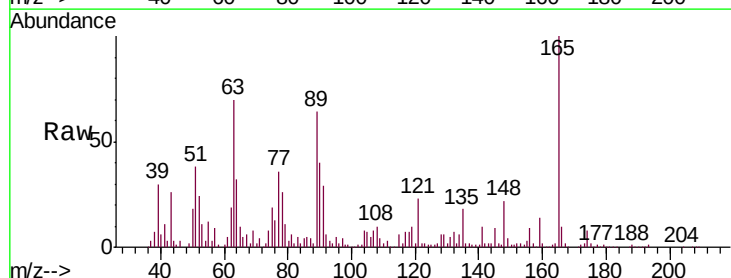
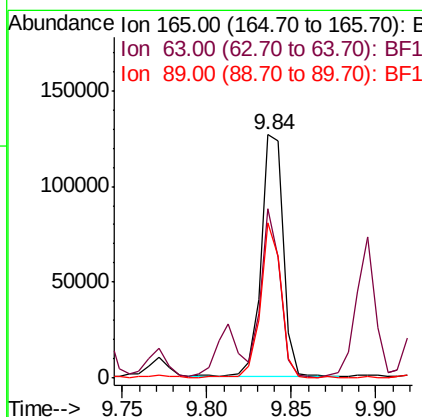
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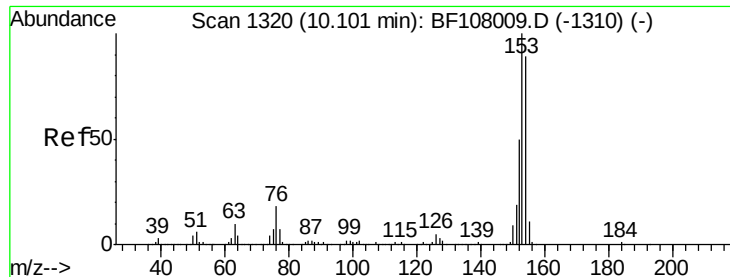
Sohil
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#50
2,6-Dinitrotoluene
Concen: 18.988 ng
RT: 9.84 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114450		
63	69.6	44.7	67.1#	
89	63.6	44.0	66.0	





#51

Acenaphthene

Concen: 20.072 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

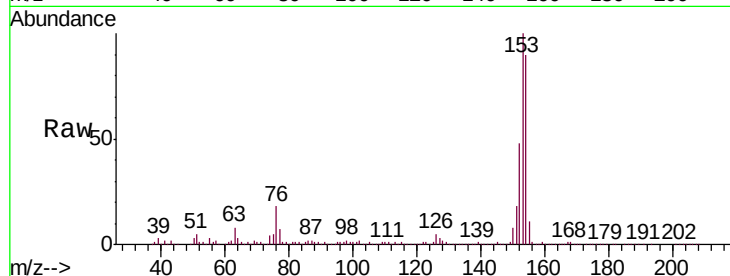
ClientSampleId :

JC-03-080918-AMS

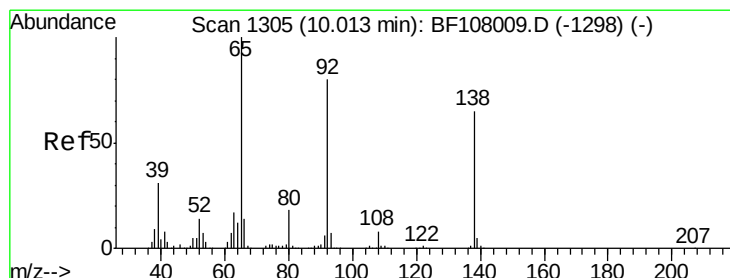
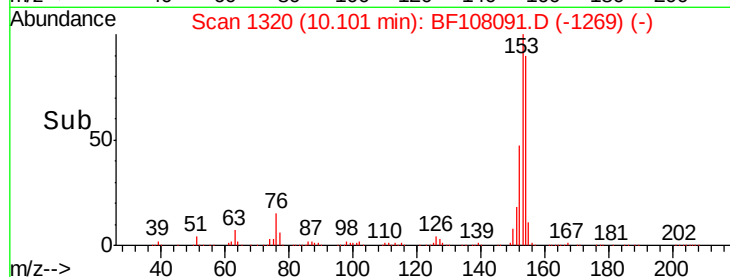
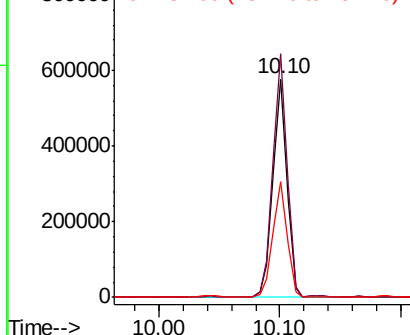
Tgt Ion:	154	Resp:	468416
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.2	136.8
152	53.1	43.8	65.8

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



#52

3-Nitroaniline

Concen: 17.367 ng

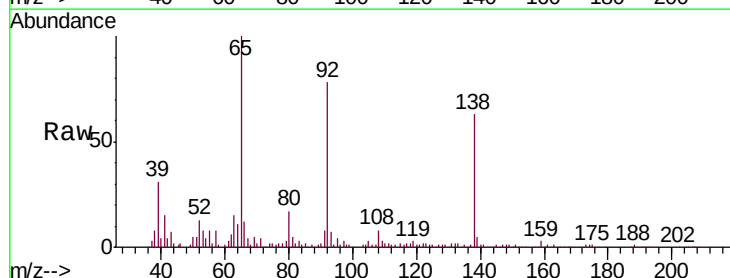
RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

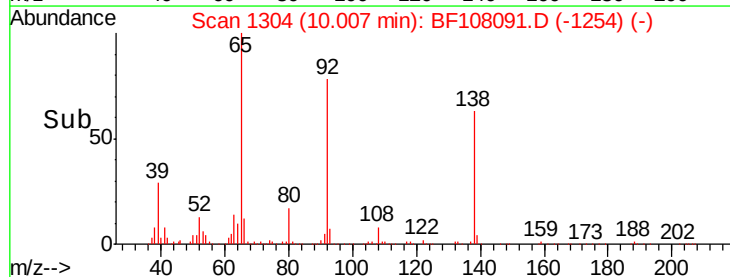
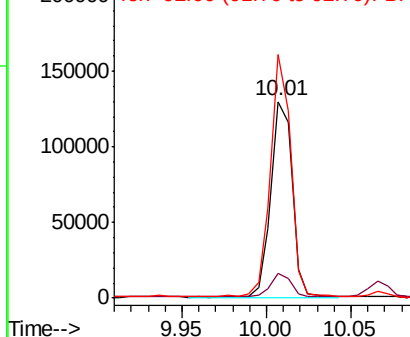
Lab File: BF108091.D

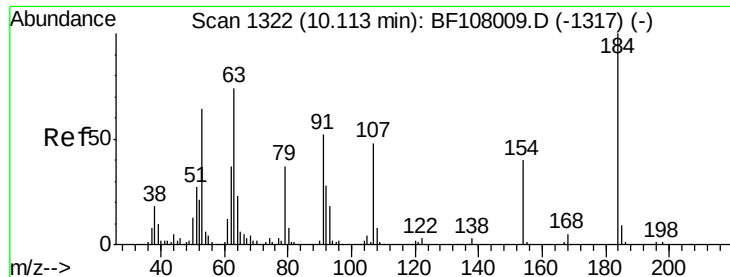
Acq: 10 Aug 2018 18:33

Tgt Ion:	138	Resp:	114529
Ion Ratio	Lower	Upper	
138	100		
108	12.8	9.4	14.0
92	123.7	89.4	134.2



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





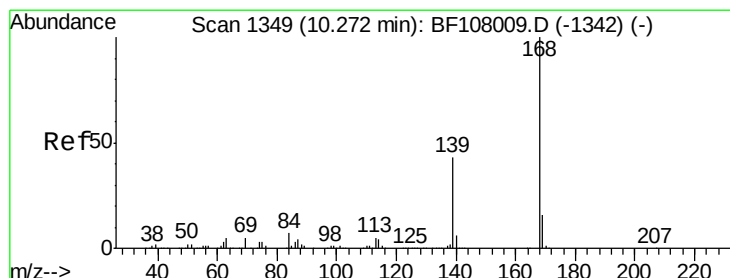
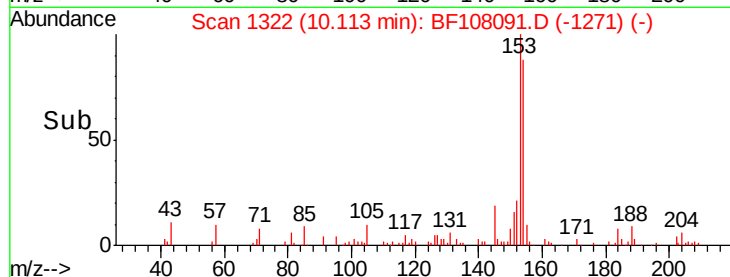
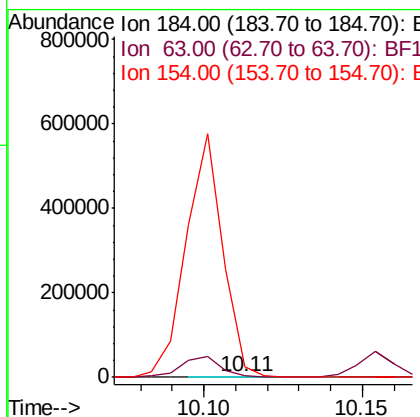
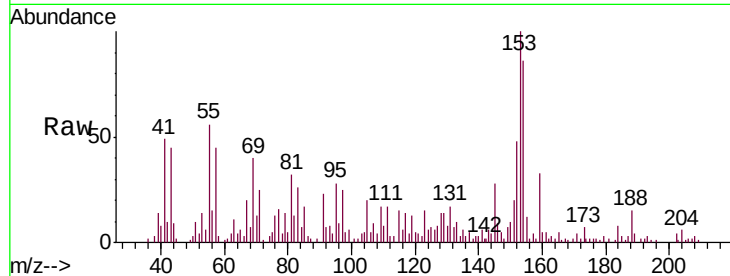
#53
2,4-Dinitrophenol
Concen: 7.803 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	1935		
63	138.4	54.2	81.2	
154	1129.6	184.0	276.0	

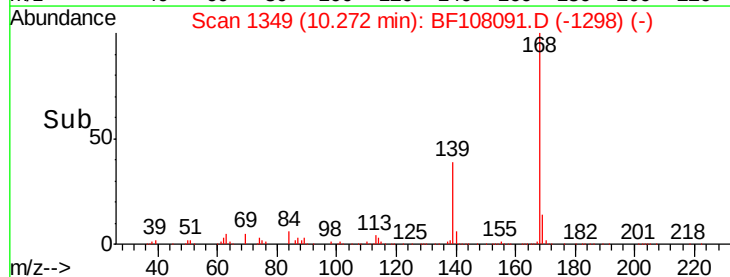
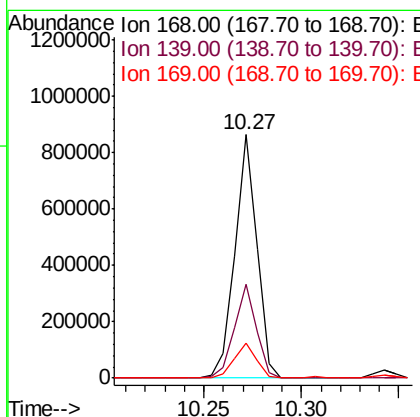
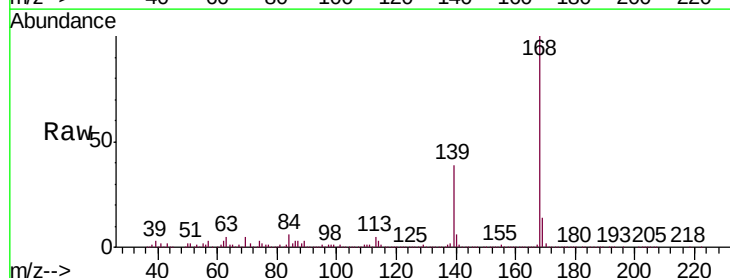
Manual Integrations
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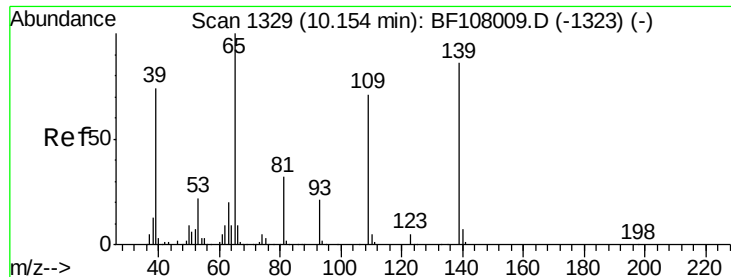
Sohil
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#54
Dibenzofuran
Concen: 19.923 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	673595		
139	38.6	30.1	45.1	
169	14.5	10.9	16.3	





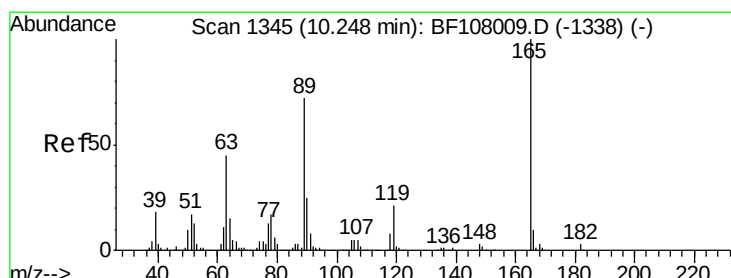
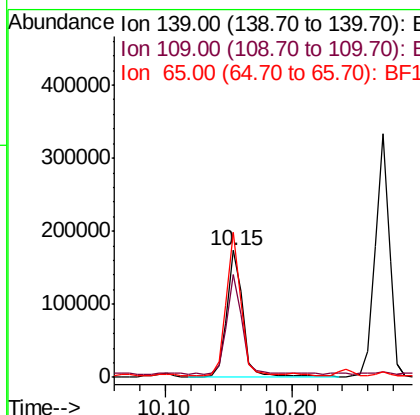
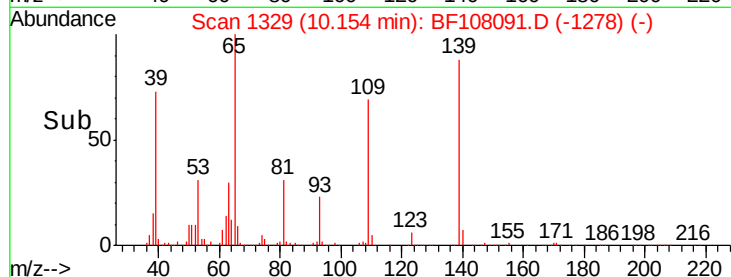
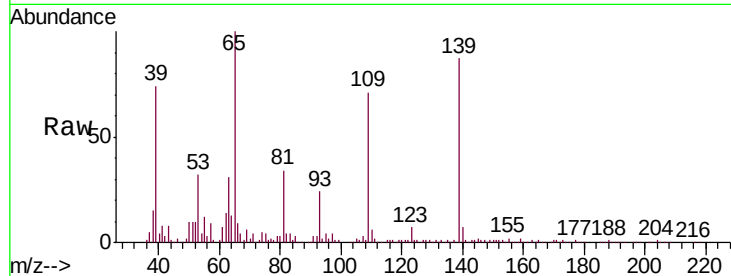
#55
4-Nitrophenol
Concen: 29.561 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	147625		
109	81.0	48.4	88.4	
65	114.3	72.6	112.6	

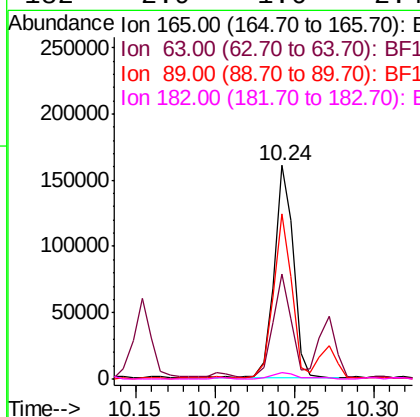
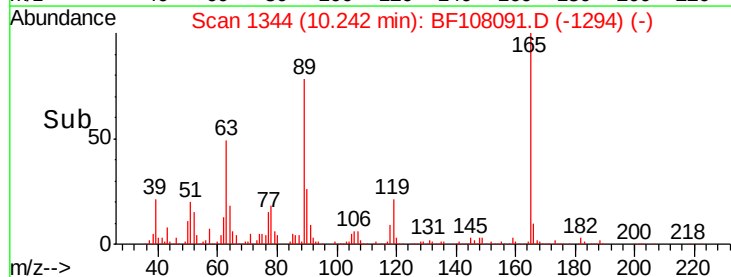
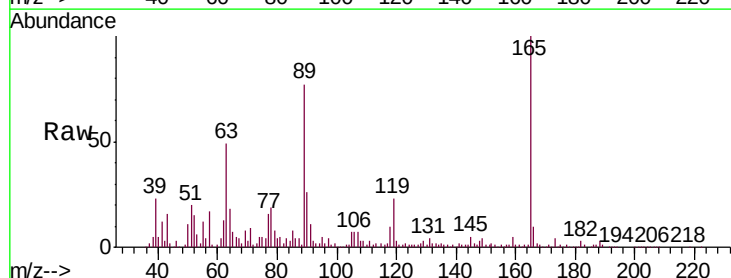
Manual Integrations
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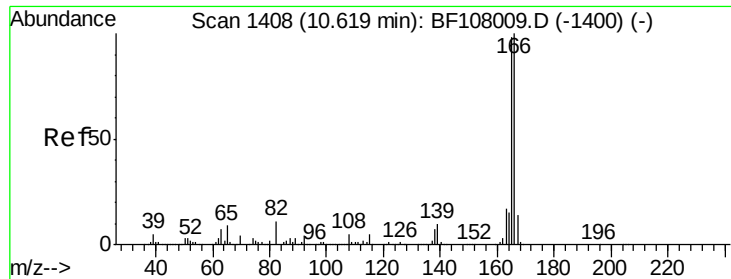
Sohil
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#56
2,4-Dinitrotoluene
Concen: 17.475 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	135577		
63	49.3	36.4	54.6	
89	77.3	57.8	86.6	
182	2.9	1.6	2.4	





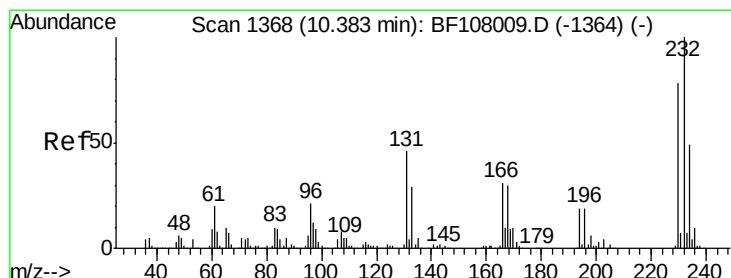
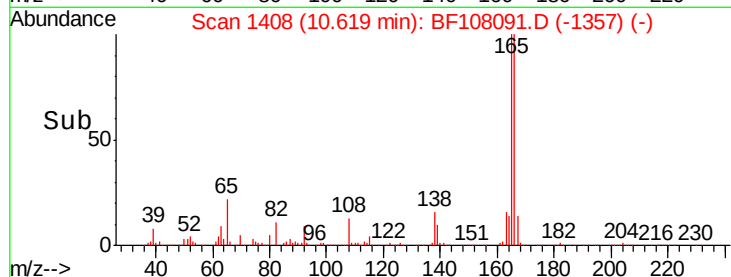
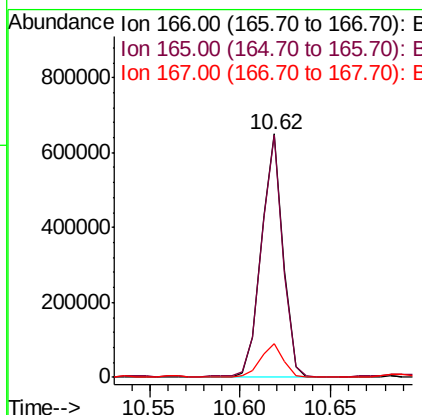
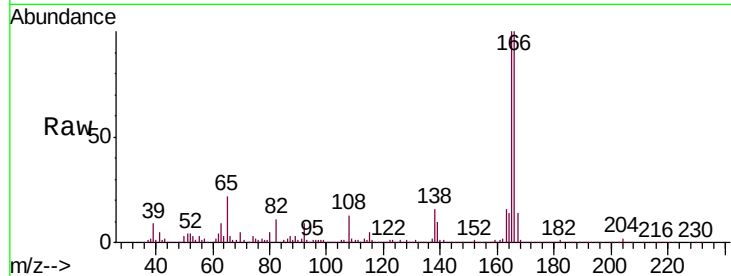
#57
 Fluorene
 Concen: 19.923 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	533228		
165	99.8	79.8	119.8	
167	13.9	10.6	16.0	

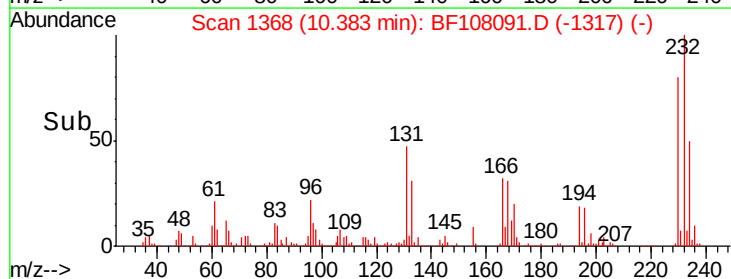
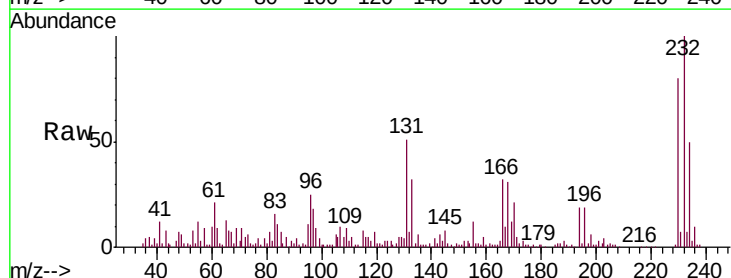
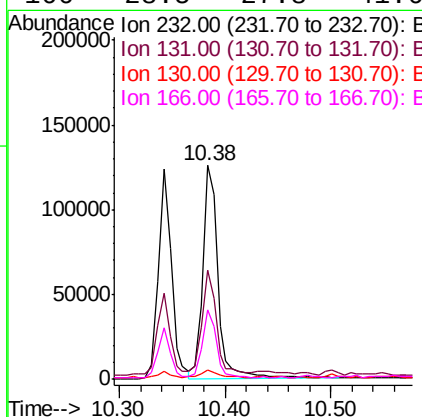
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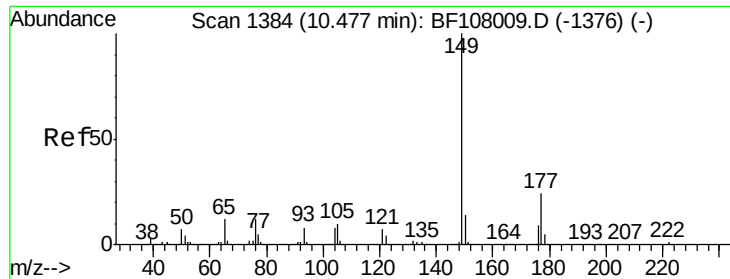
Sohil
 8/13/2018 3:52:07 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 17.229 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	124939		
131	46.3	43.8	65.8	
130	4.3	2.1	3.1	
166	28.5	27.8	41.6	





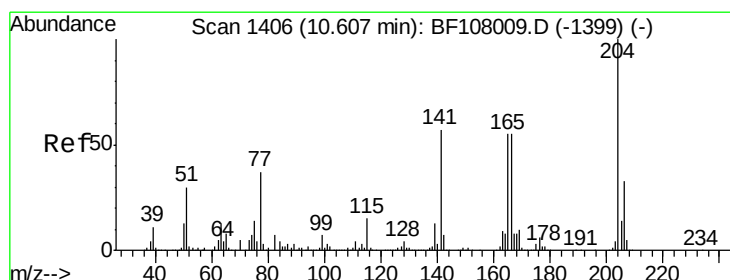
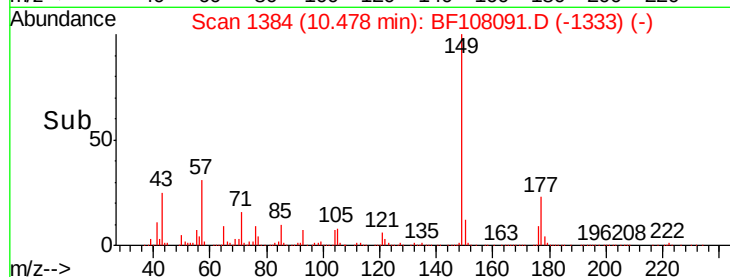
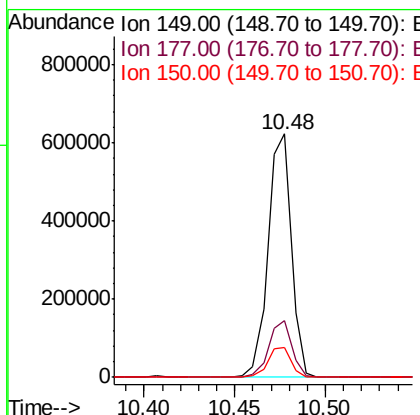
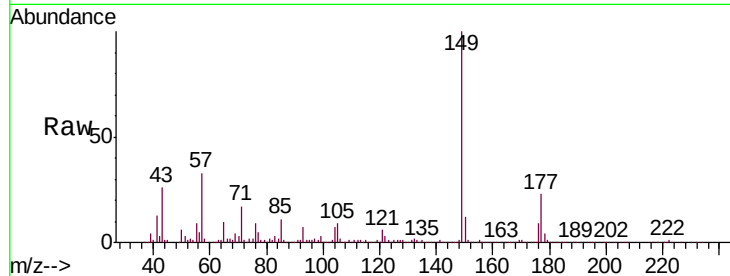
#59
Diethylphthalate
Concen: 19.920 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.1	24.1
150	12.1	10.1	15.1

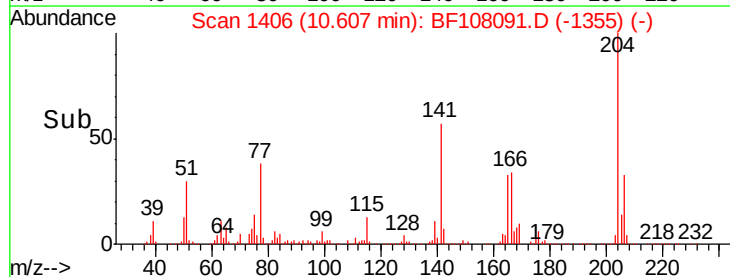
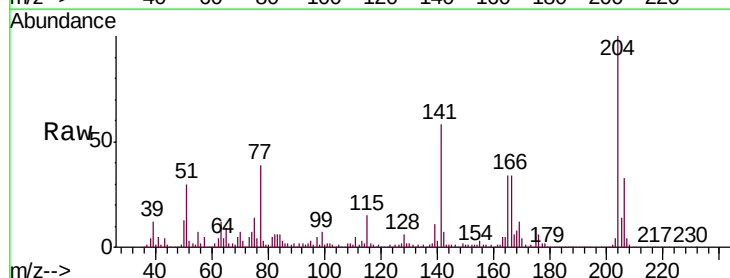
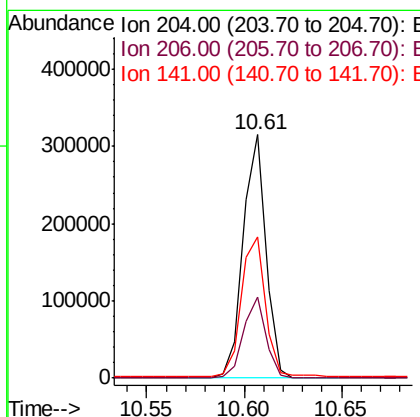
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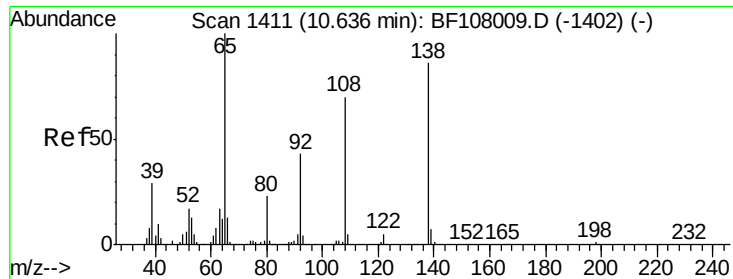
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 18.319 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	57.8	54.6	81.8





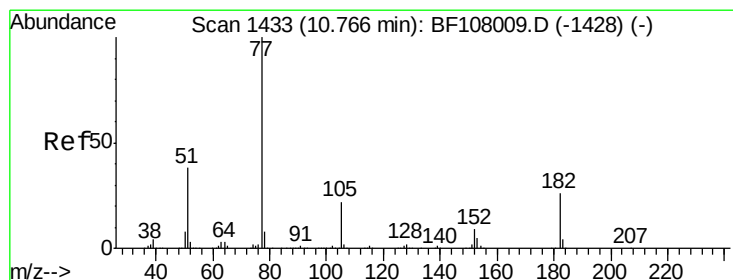
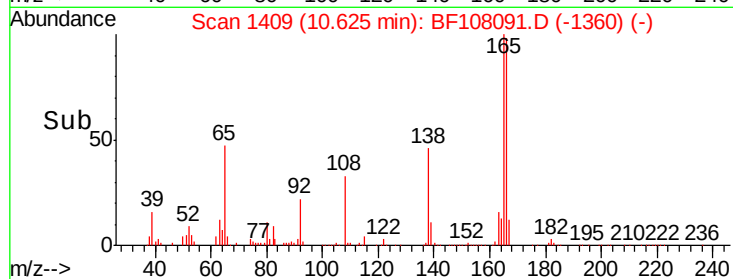
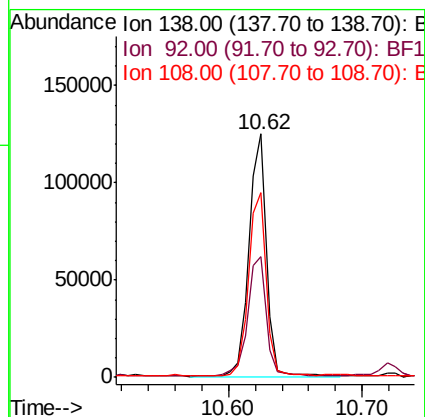
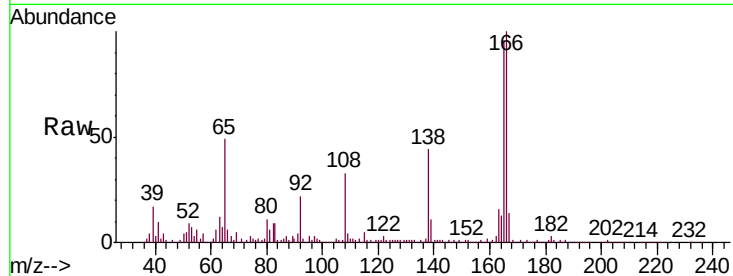
#61
4-Nitroaniline
Concen: 17.280 ng
RT: 10.62 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	112664		
92	49.8	30.2	70.2	
108	75.8	52.5	92.5	

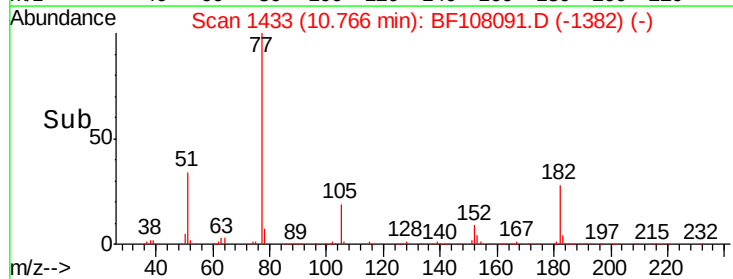
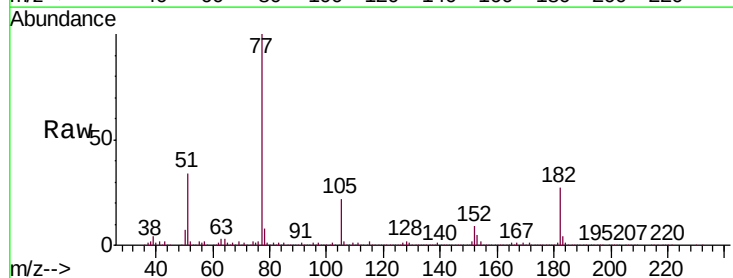
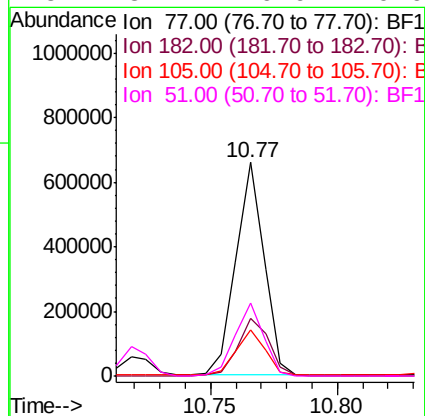
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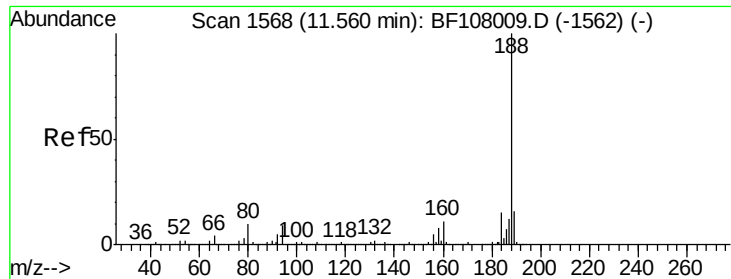
Sohil
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#62
Azobenzene
Concen: 17.751 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	511416		
182	27.1	1.7	41.7	
105	21.8	3.0	43.0	
51	34.2	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.57 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS

Tgt Ion:188 Resp: 711557

Ion Ratio Lower Upper

188 100

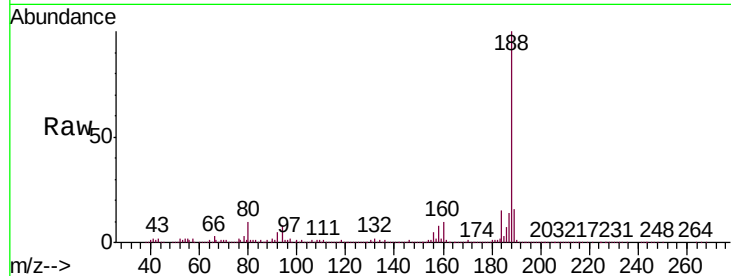
94 8.3 8.5 12.7#

80 9.7 9.2 13.8

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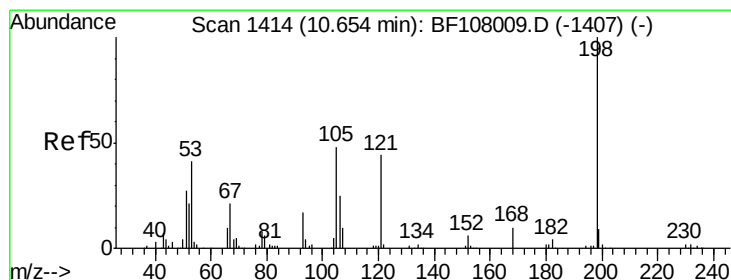
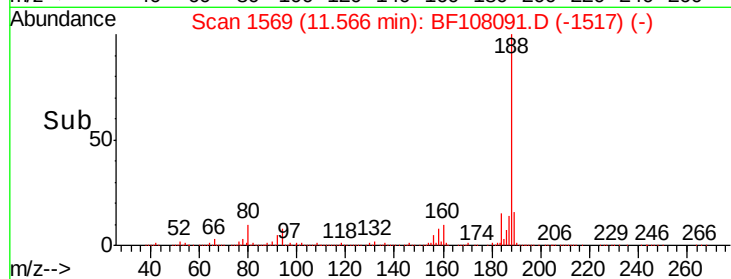
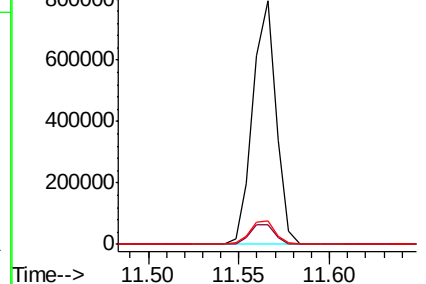
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.909 ng

RT: 10.65 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

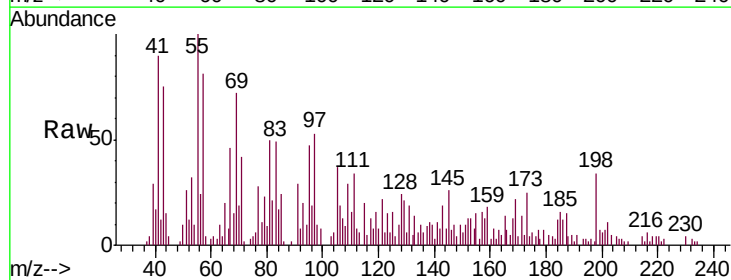
Tgt Ion:198 Resp: 4663

Ion Ratio Lower Upper

198 100

51 76.3 37.7 77.7

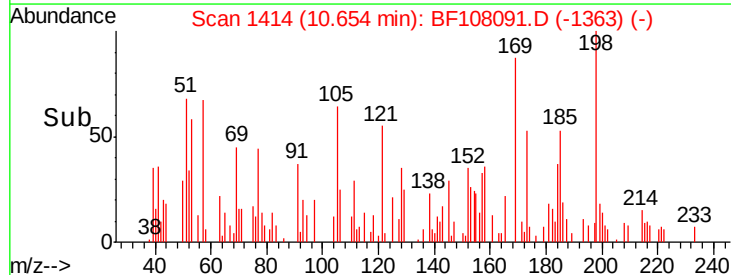
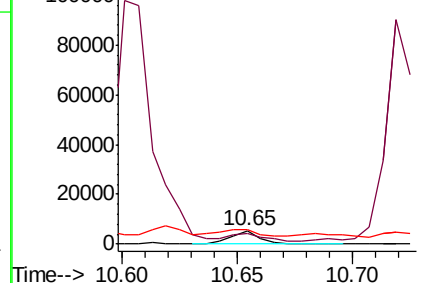
105 110.6 36.3 76.3#

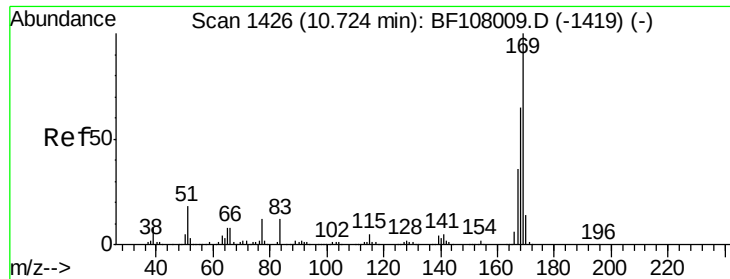


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





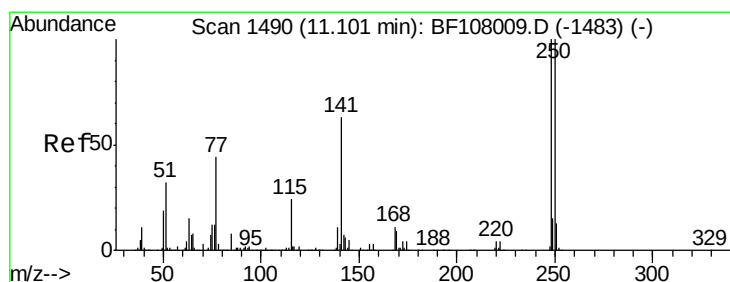
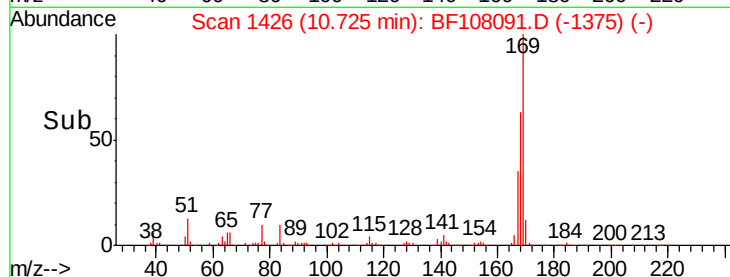
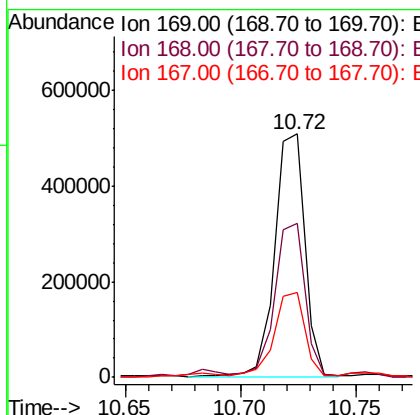
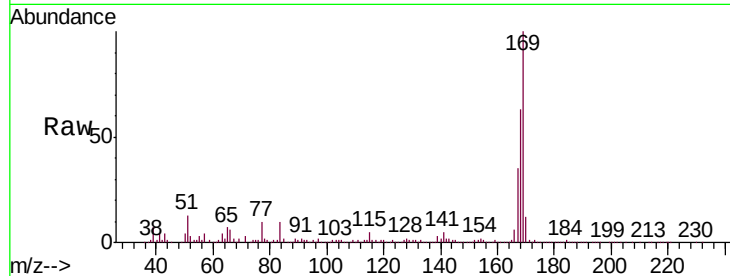
#65
 n-Nitrosodiphenylamine
 Concen: 21.691 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	456097		
168	63.2	54.4	81.6	
167	34.7	29.8	44.6	

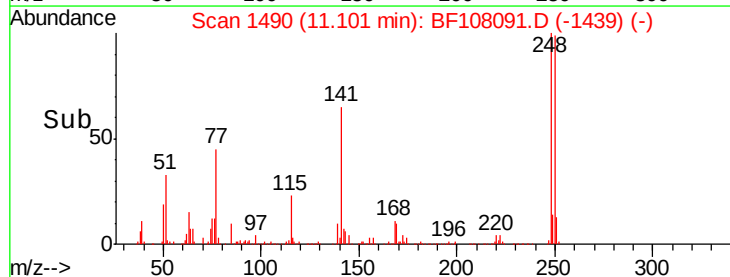
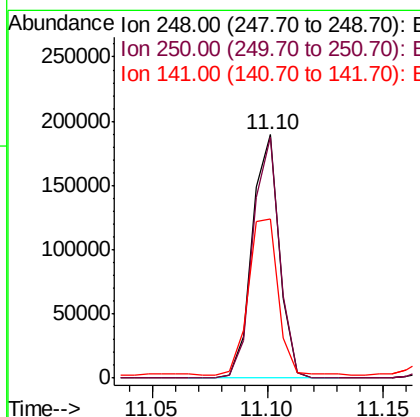
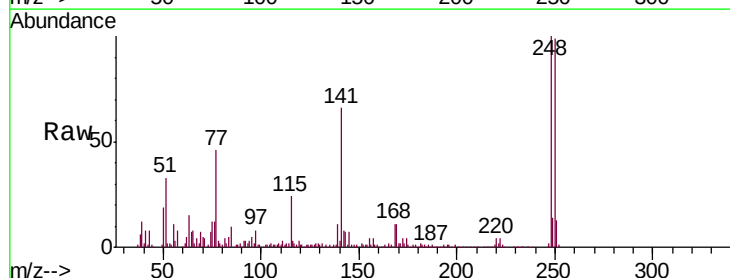
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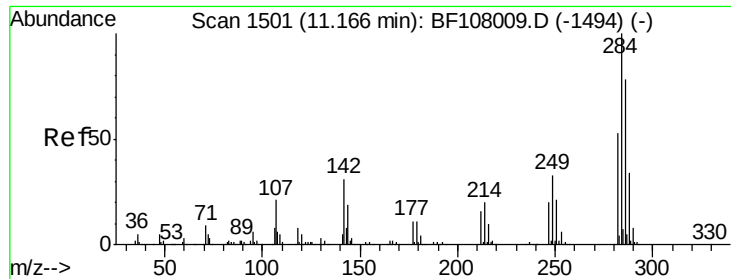
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#66
 4-Bromophenyl-phenylether
 Concen: 20.125 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	155622		
250	99.0	76.9	115.3	
141	65.6	74.4	111.6	





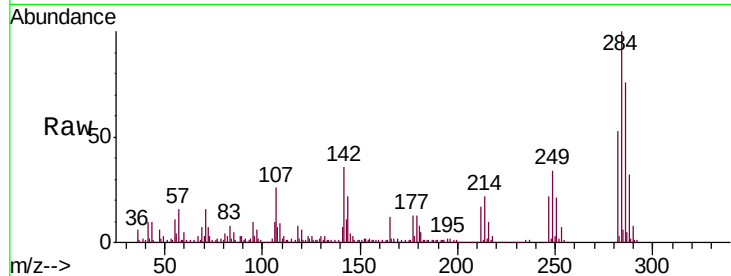
#67
Hexachlorobenzene
Concen: 18.242 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

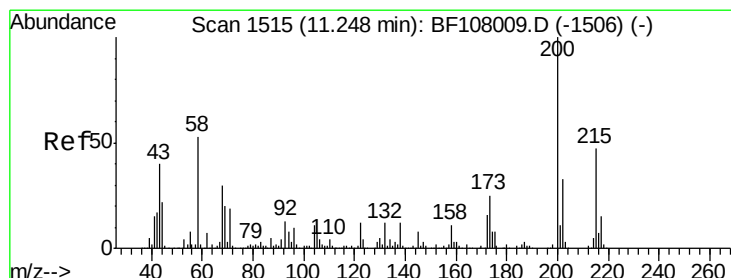
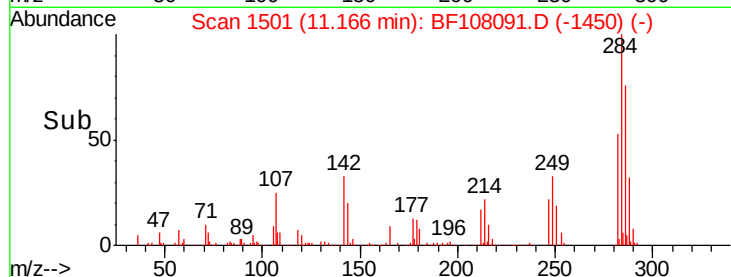
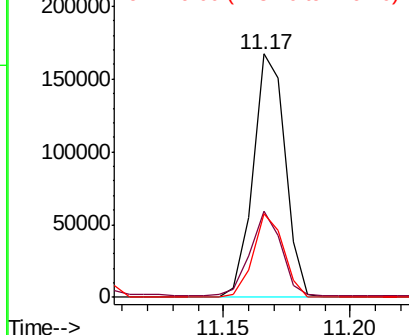
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	148421		
142	35.5	34.6	52.0	
249	34.3	24.8	37.2	

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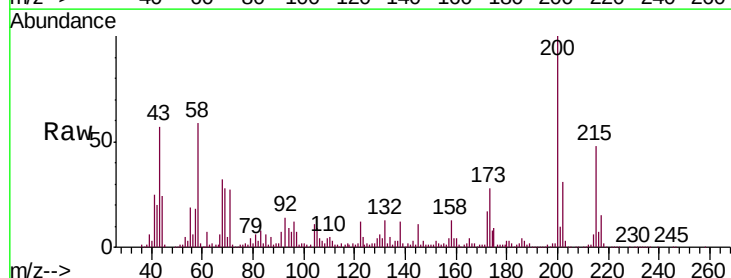


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

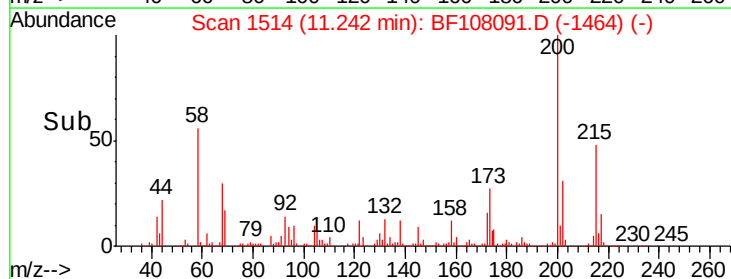
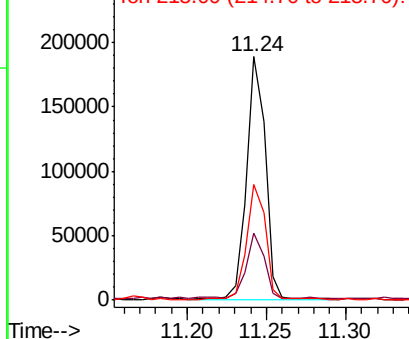


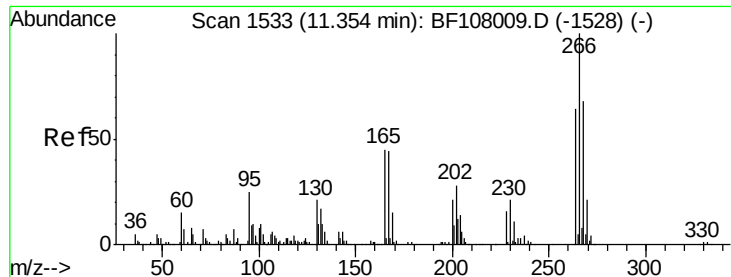
#68
Atrazine
Concen: 21.886 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	154356		
173	27.6	8.6	48.6	
215	47.7	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





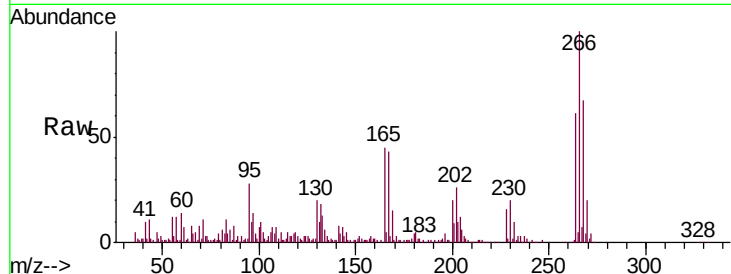
#69
 Pentachlorophenol
 Concen: 32.192 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.1	51.1	76.7	
264	60.7	49.5	74.3	

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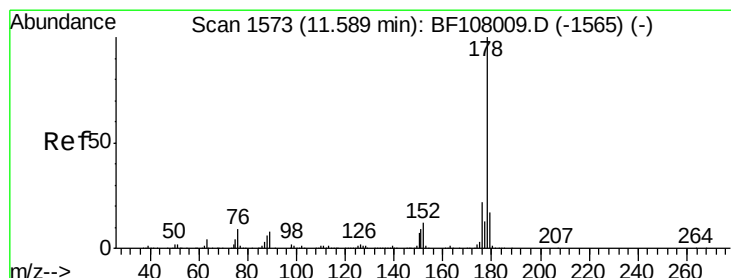
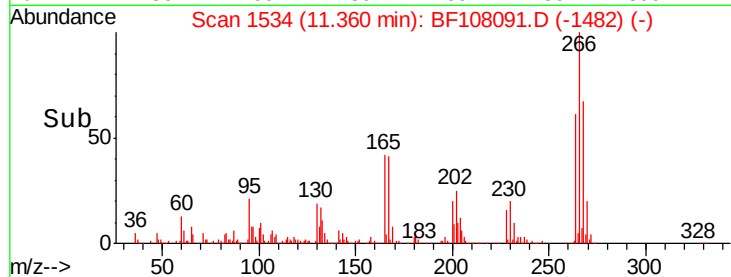
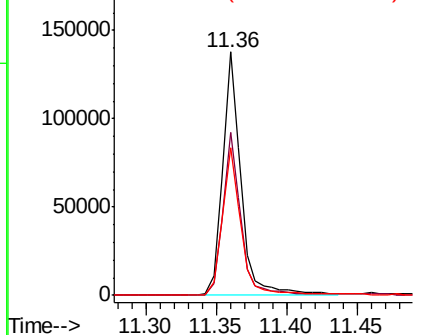


Abundance

Ion 265.70 (265.40 to 266.40): E

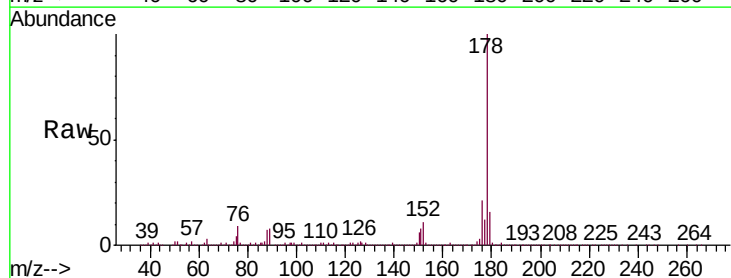
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 33.497 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.6	15.8	23.8	
179	16.2	13.0	19.6	

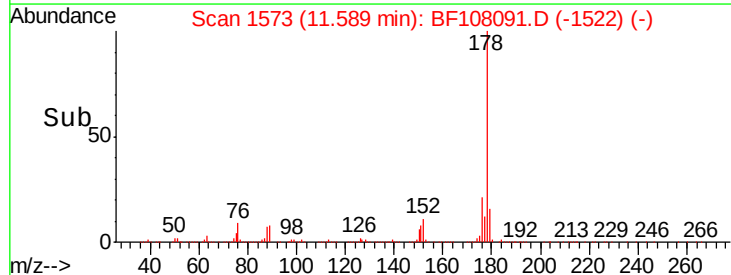
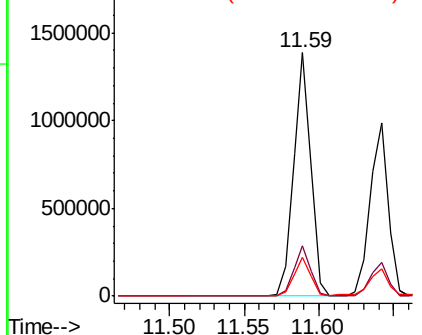


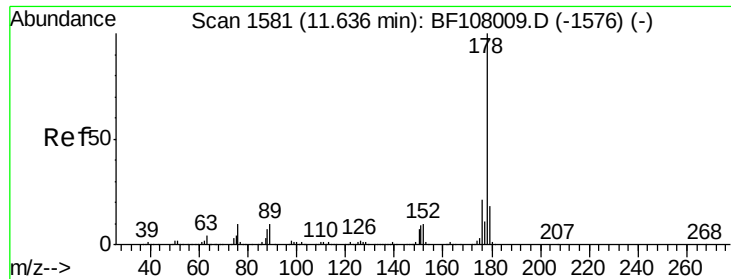
Abundance

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: 23.902 ng

RT: 11.64 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

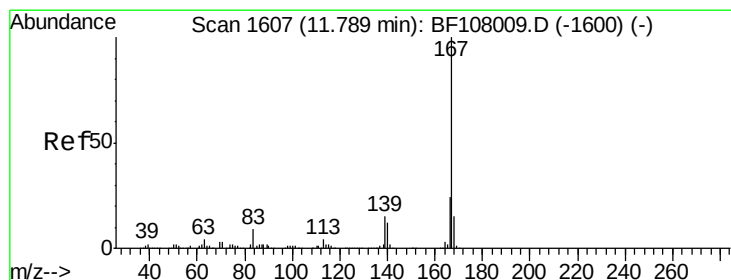
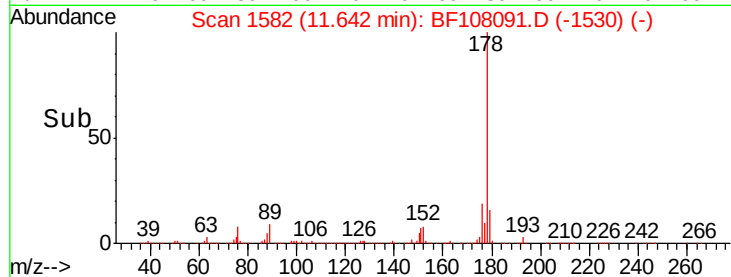
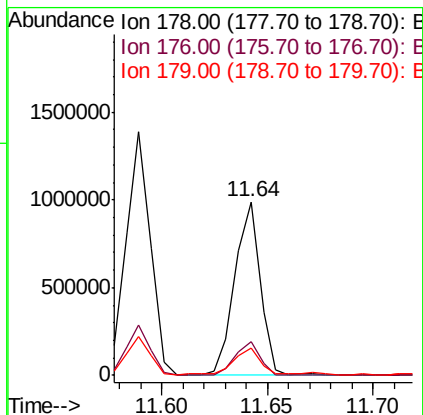
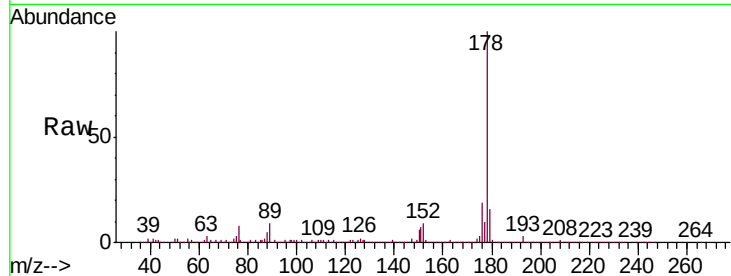
ClientSampleId :

JC-03-080918-AMS

Tgt Ion:	178	Resp:	822201
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

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#72

Carbazole

Concen: 20.389 ng

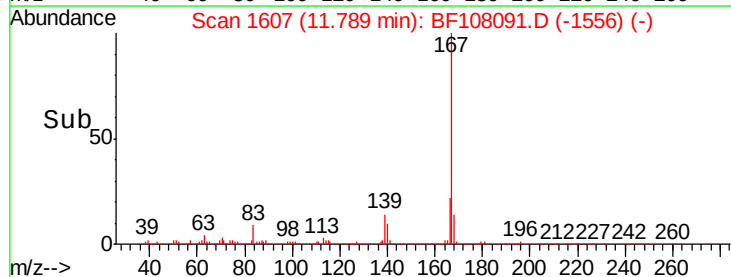
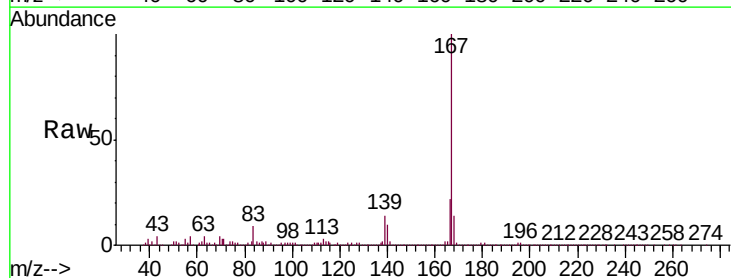
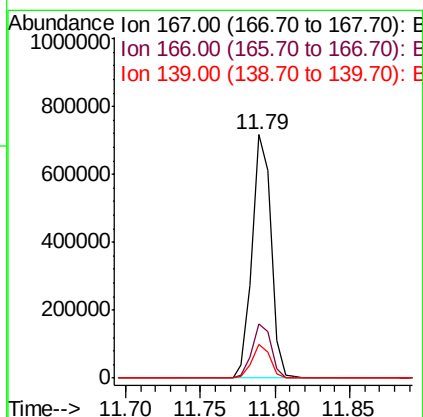
RT: 11.79 min Scan# 1607

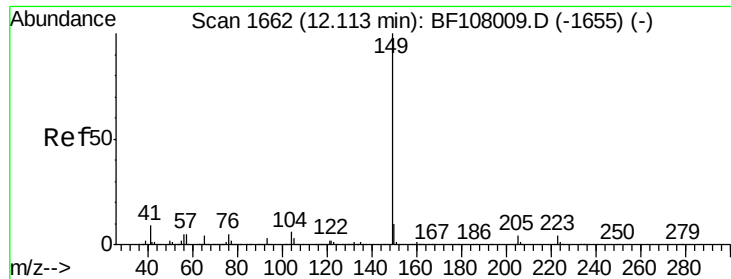
Delta R.T. 0.00 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Tgt Ion:	167	Resp:	623125
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.6	26.4
139	13.8	10.9	16.3





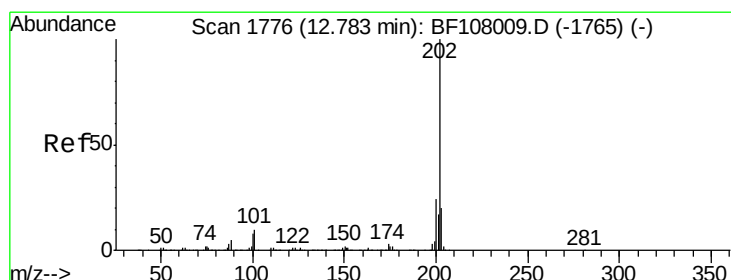
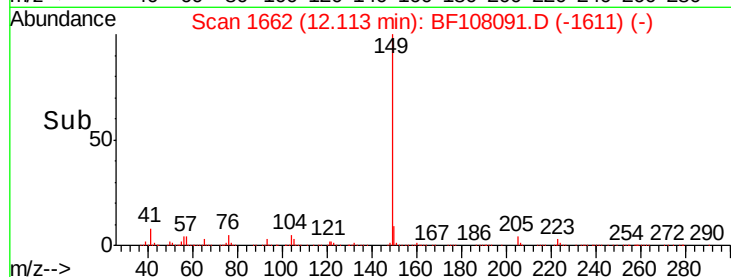
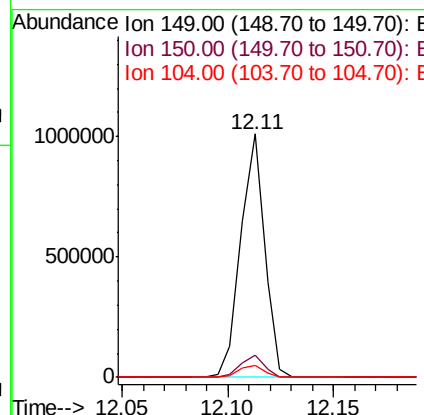
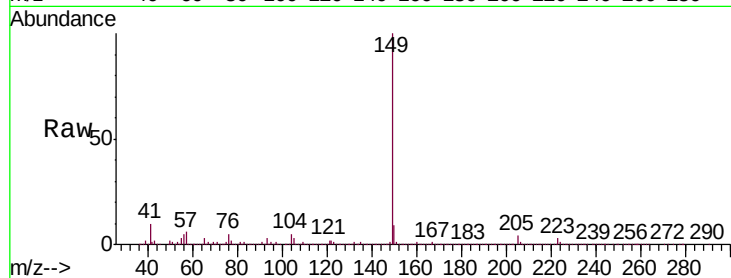
#73
Di-n-butylphthalate
Concen: 22.729 ng
RT: 12.11 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	786816		
150	9.2	7.8	11.6	
104	5.0	3.8	5.8	

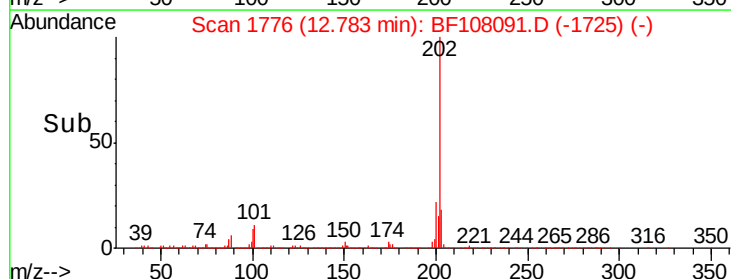
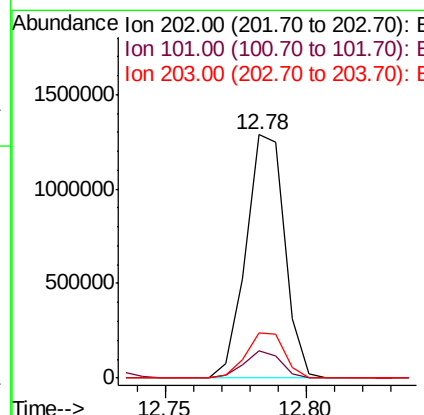
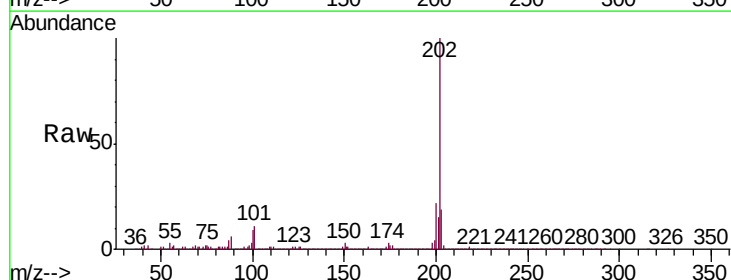
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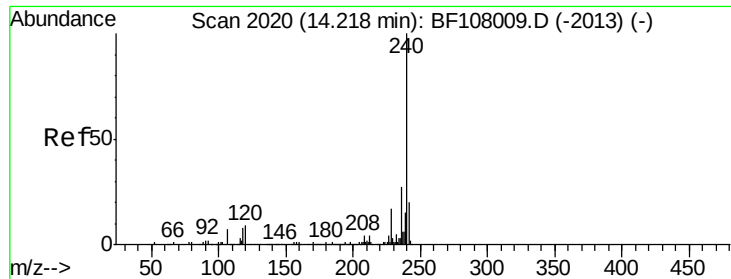
Sohil
8/13/2018 3:52:07 PM



#74
Fluoranthene
Concen: 33.433 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1224595		
101	11.3	0.0	34.1	
203	18.5	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

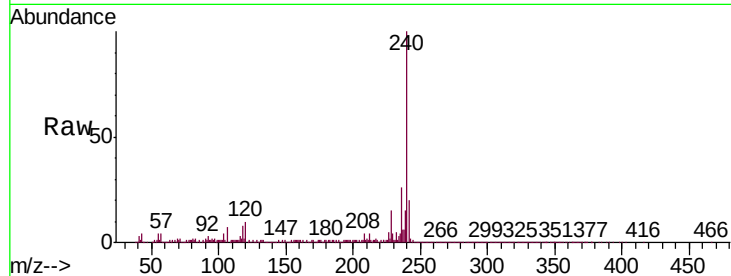
ClientSampleId :

JC-03-080918-AMS

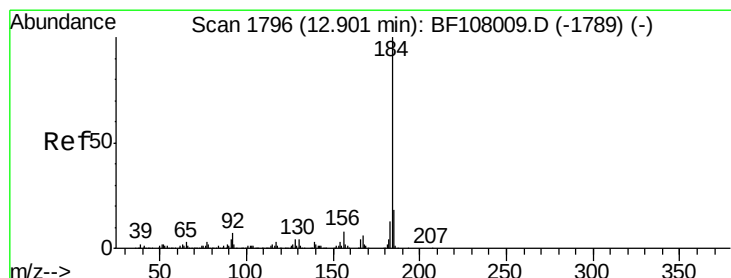
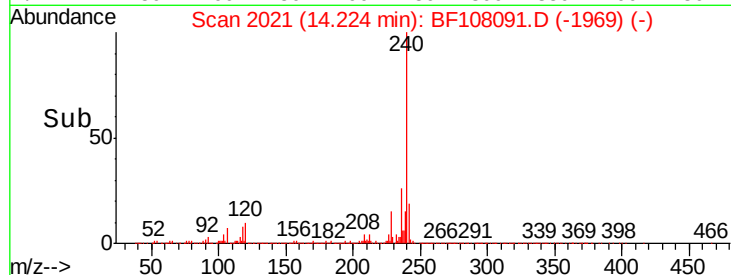
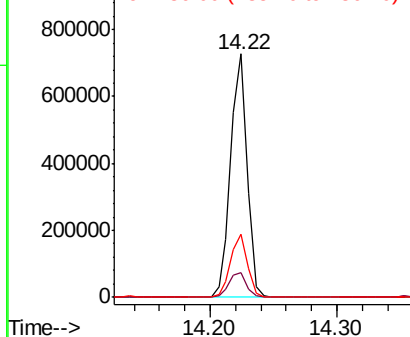
Tgt Ion:	240	Resp:	644448
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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8/13/2018 3:52:07 PM



Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.275 ng

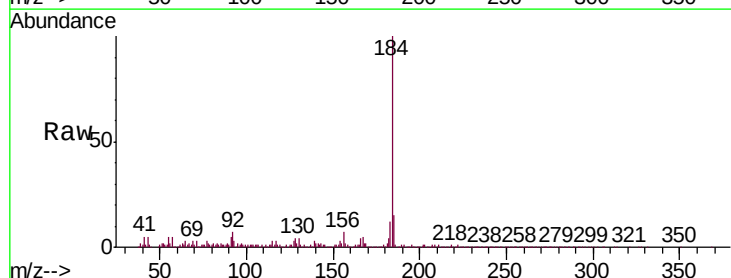
RT: 12.91 min Scan# 1797

Delta R.T. 0.01 min

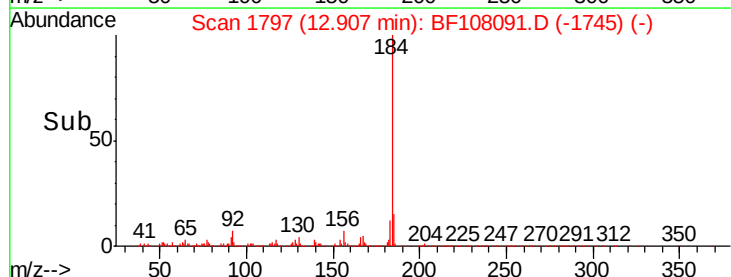
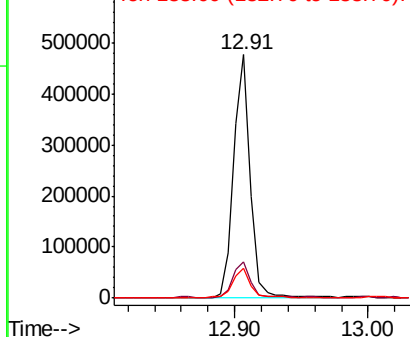
Lab File: BF108091.D

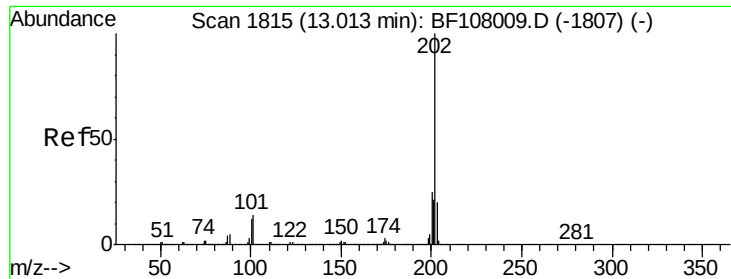
Acq: 10 Aug 2018 18:33

Tgt Ion:	184	Resp:	415962
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.0	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
600000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





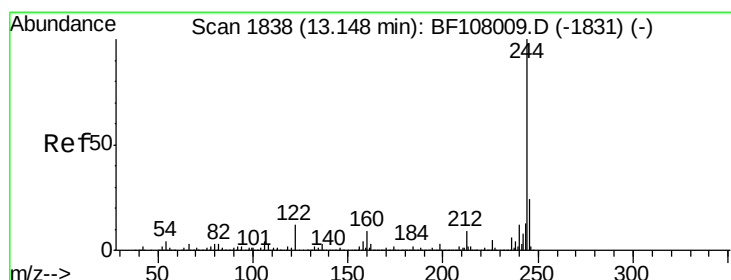
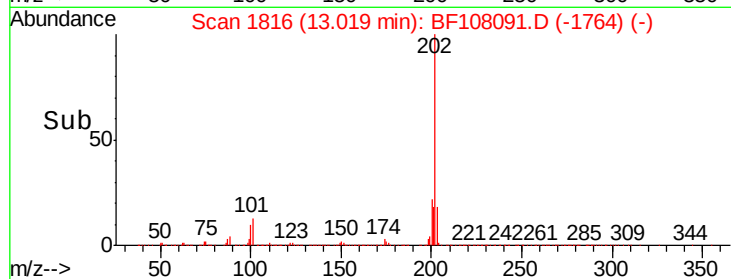
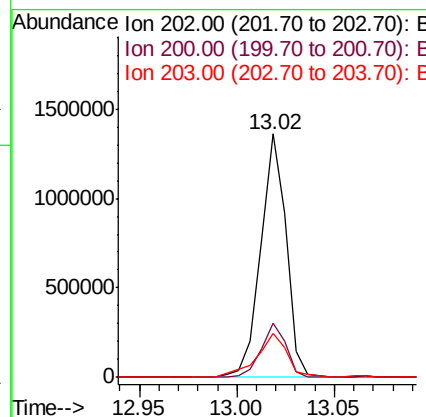
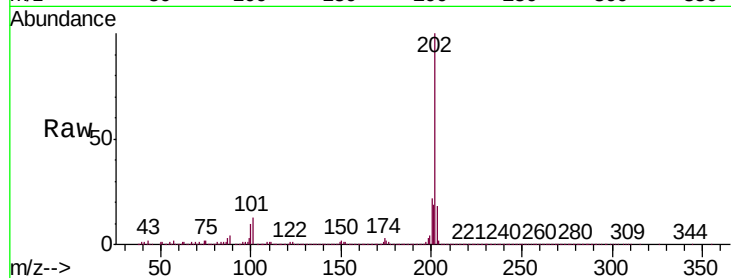
#77
Pyrene
Concen: 29.949 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.3	14.3	21.5

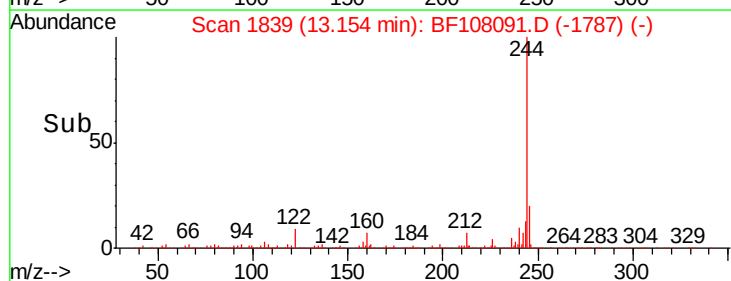
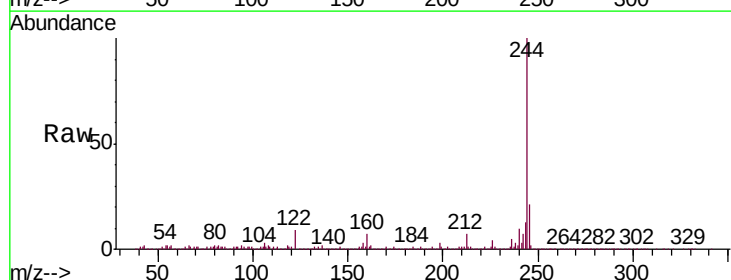
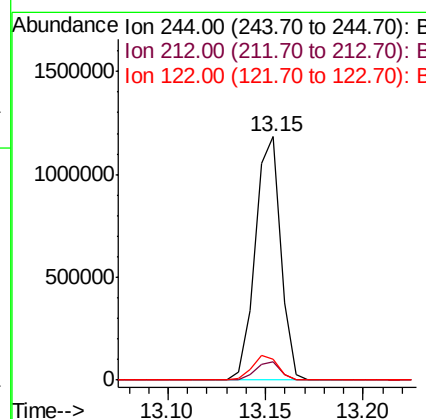
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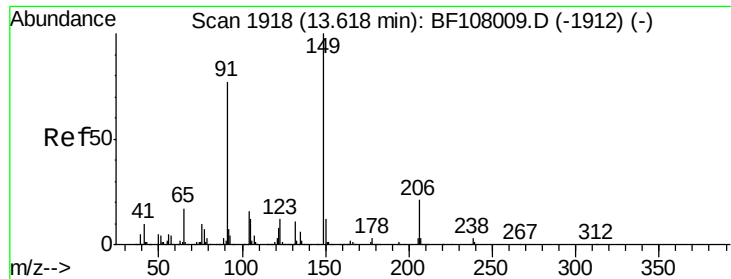
Sohil
8/13/2018 3:52:07 PM



#78
Terphenyl-d14
Concen: 42.041 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	8.7	11.0	16.4





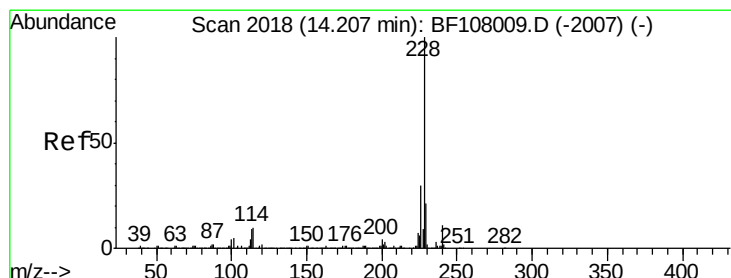
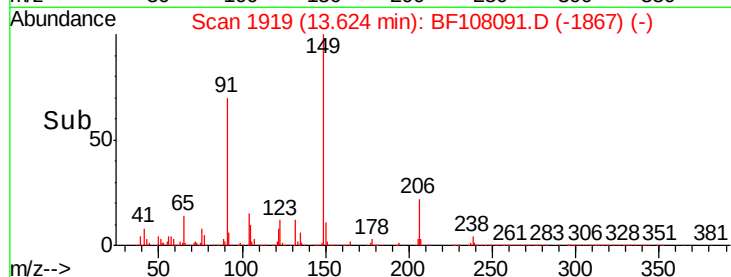
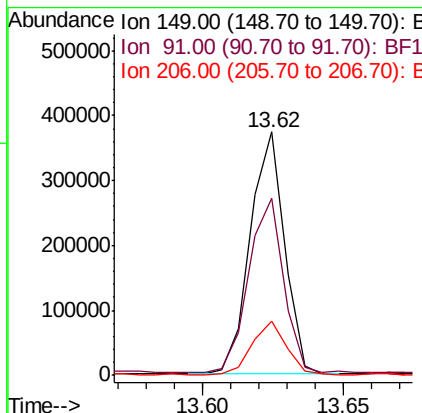
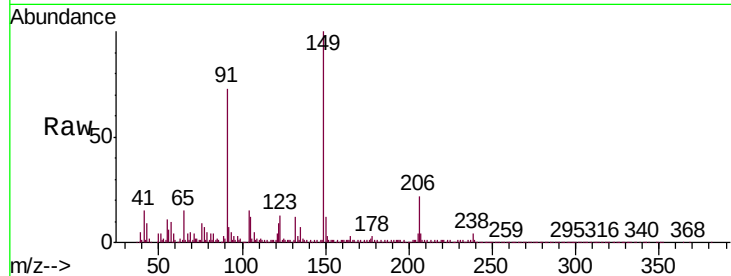
#79
Butylbenzylphthalate
Concen: 19.387 ng
RT: 13.62 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.6	56.8	85.2
206	22.2	14.1	21.1

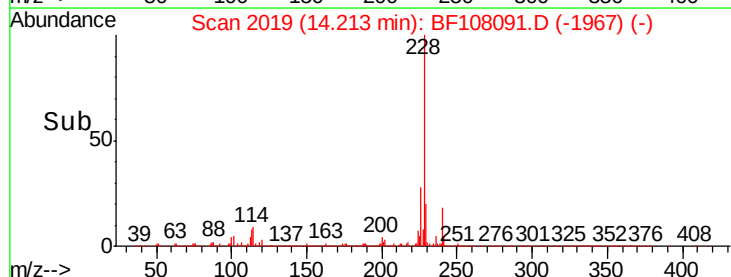
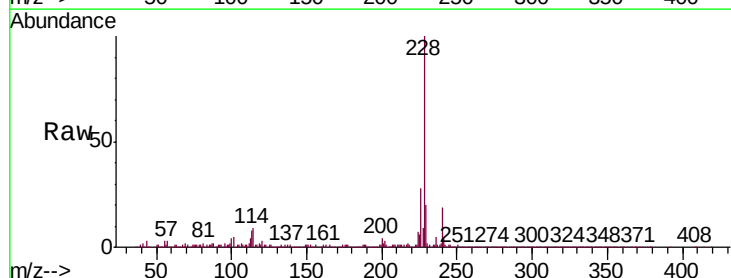
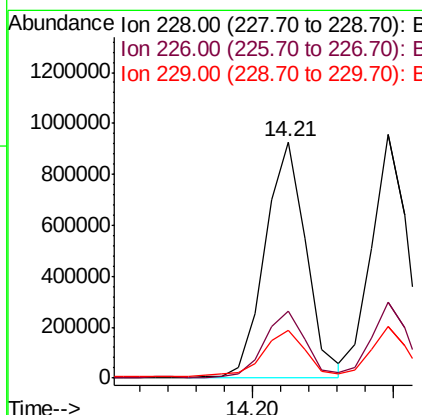
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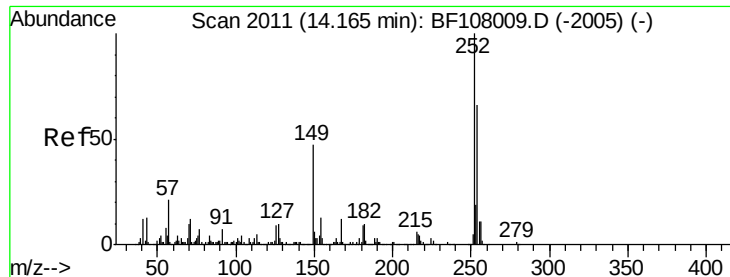
Sohil
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#80
Benzo(a)anthracene
Concen: 25.115 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.6	33.8
229	20.3	15.8	23.6





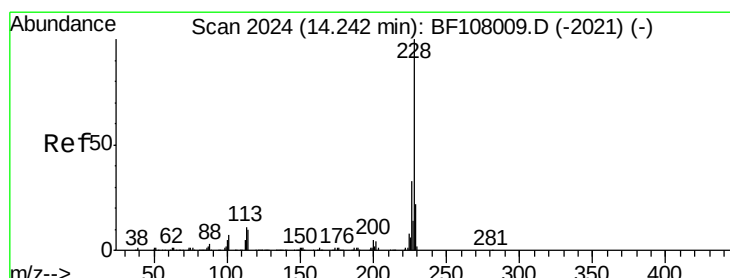
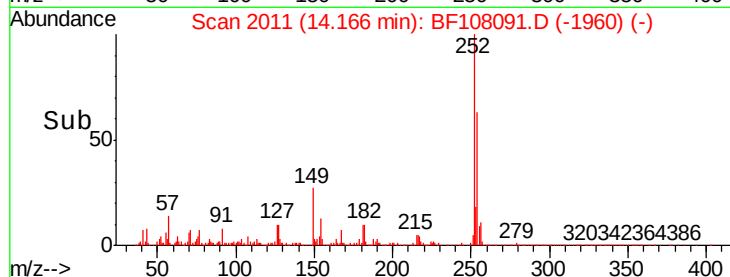
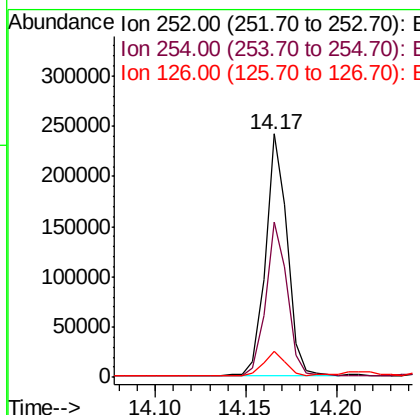
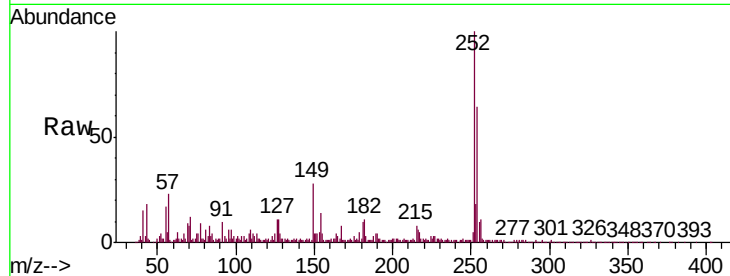
#81
 3,3'-Dichlorobenzidine
 Concen: 15.195 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	201402		
254	63.6	50.4	75.6	
126	10.6	11.3	16.9	

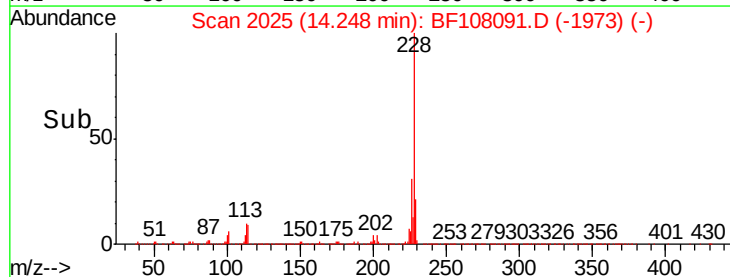
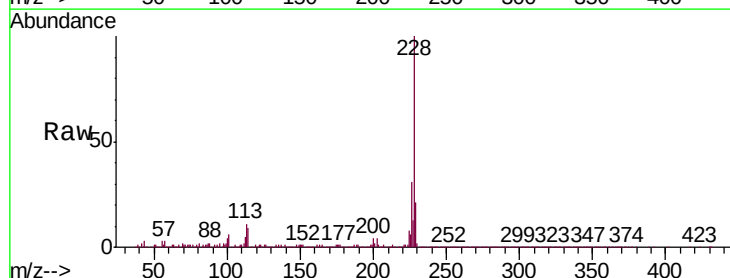
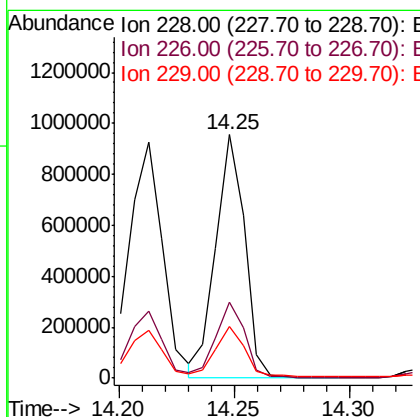
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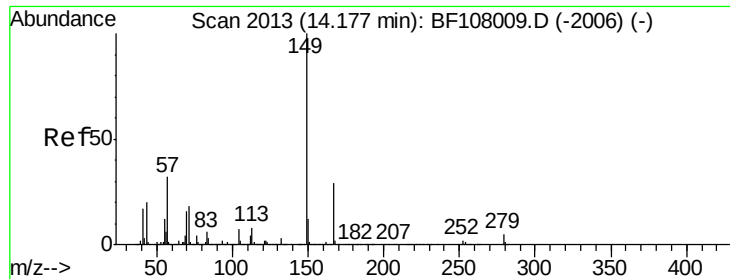
Sohil
 8/13/2018 3:52:07 PM



#82
 Chrysene
 Concen: 24.237 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	821828		
226	31.2	25.0	37.6	
229	21.0	16.2	24.4	





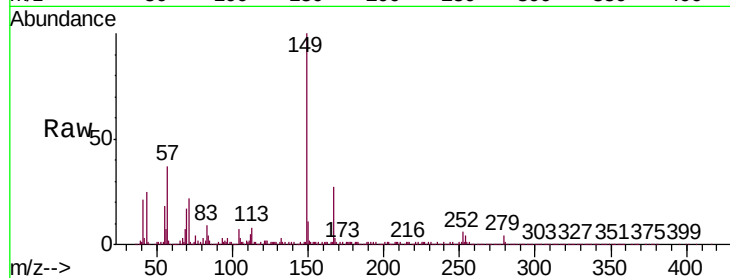
#83
Bis(2-ethylhexyl)phthalate
Concen: 21.262 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

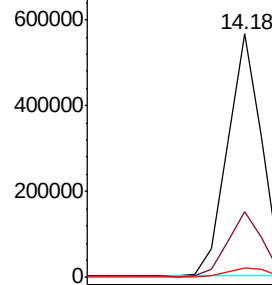
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.0	3.0	4.4

Manual Integrations
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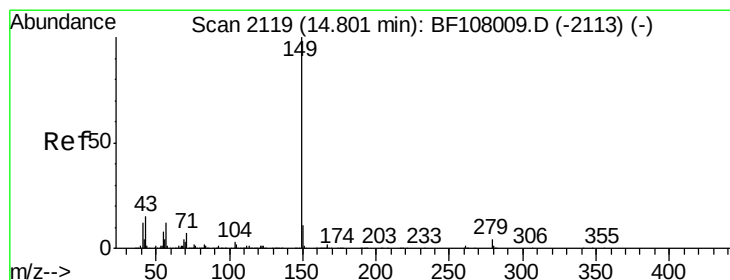
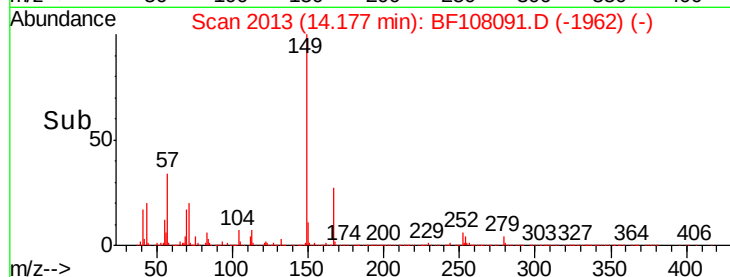
Sohil
8/13/2018 3:52:07 PM



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

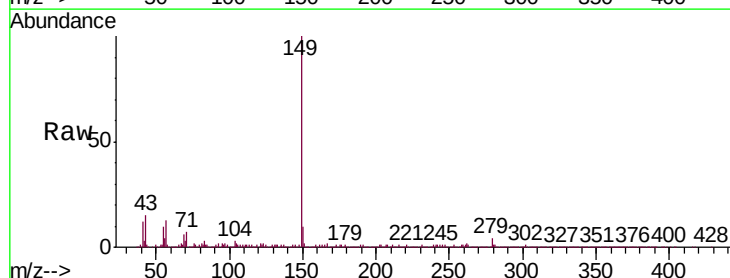


Time-->

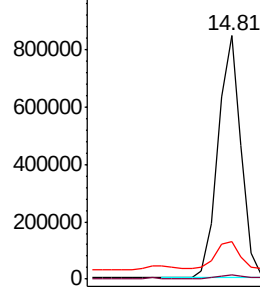


#84
Di-n-octyl phthalate
Concen: 23.748 ng
RT: 14.81 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

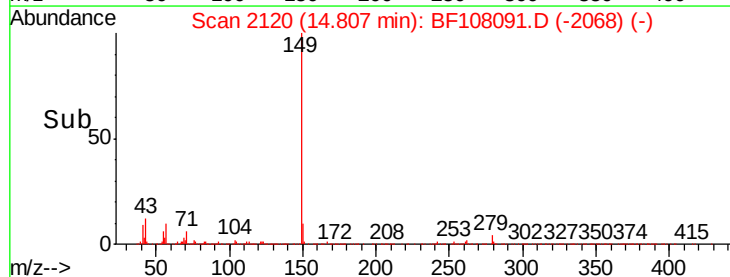
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.6	8.4	12.6

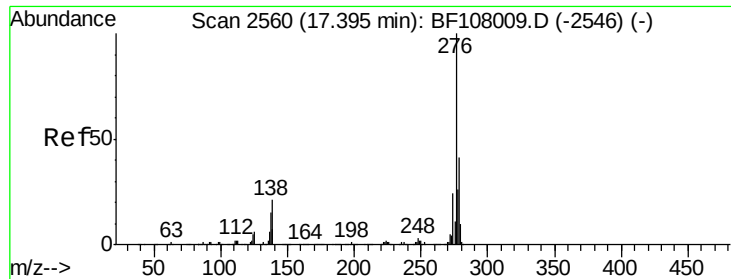


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



Time-->





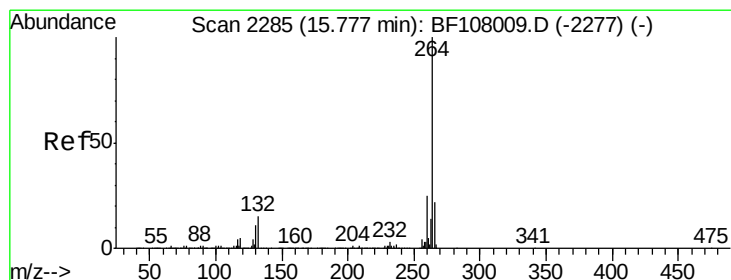
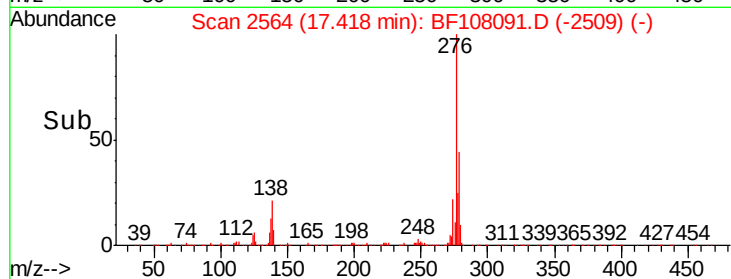
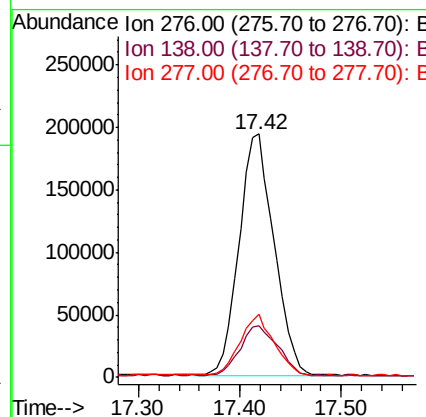
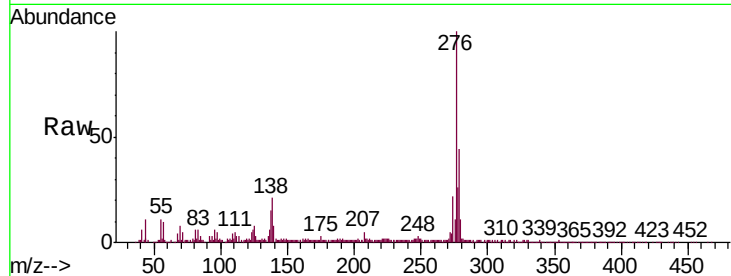
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.715 ng
 RT: 17.42 min Scan# 2564
 Delta R.T. 0.02 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-AMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.2	20.1	30.1

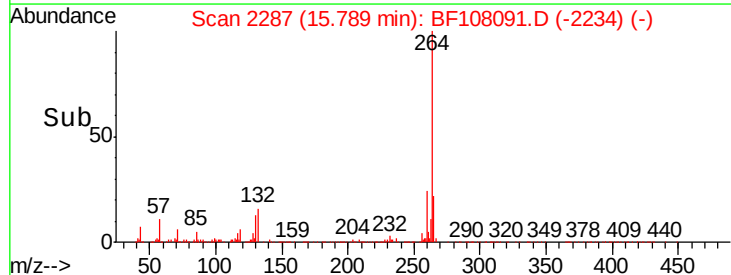
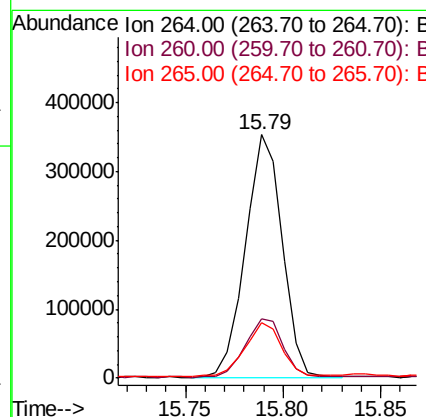
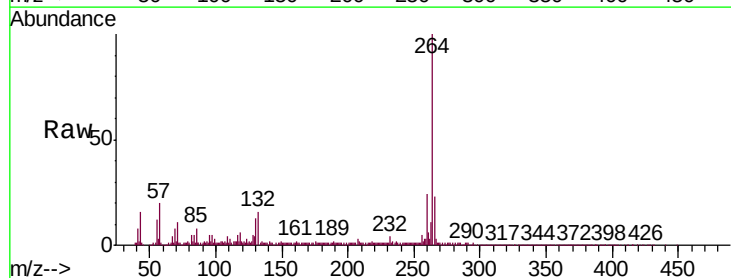
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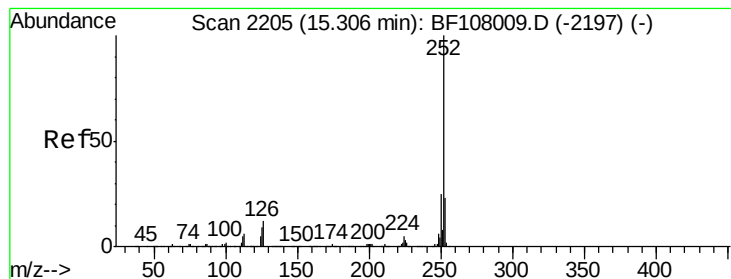
Sohil
 8/13/2018 3:52:07 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF108091.D
 Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 25.418 ng

RT: 15.32 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF108091.D

Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

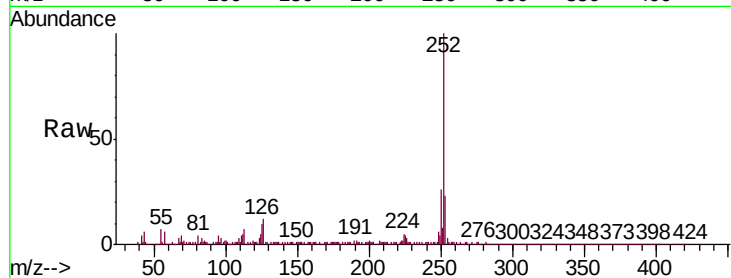
ClientSampleId :

JC-03-080918-AMS

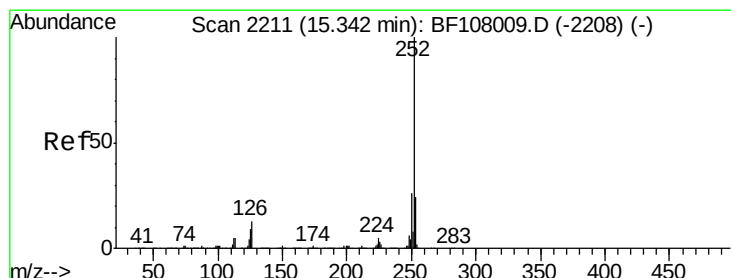
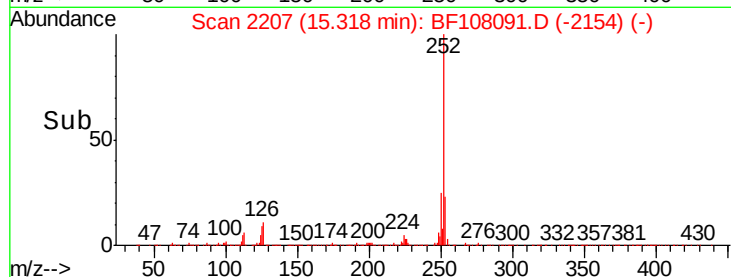
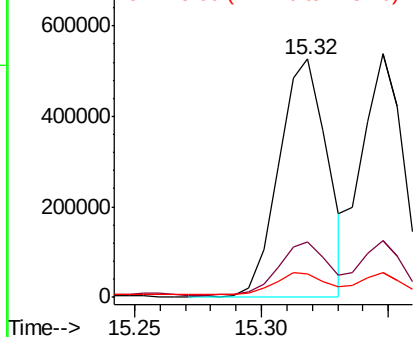
Tgt Ion:	252	Resp:	694623
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	10.1	9.0	13.6

Manual Integrations
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8/13/2018 3:52:07 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: 24.097 ng

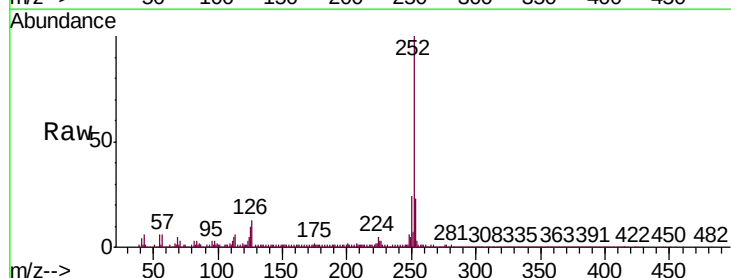
RT: 15.35 min Scan# 2212

Delta R.T. 0.01 min

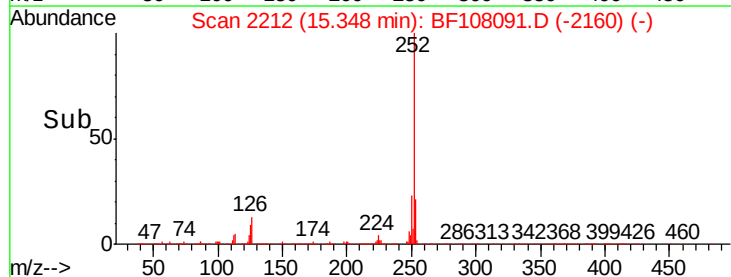
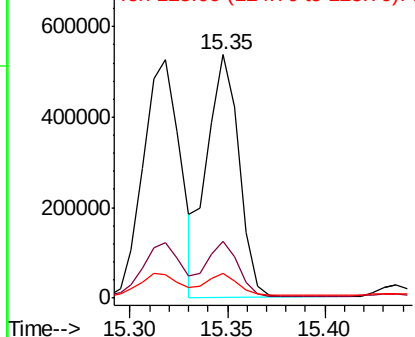
Lab File: BF108091.D

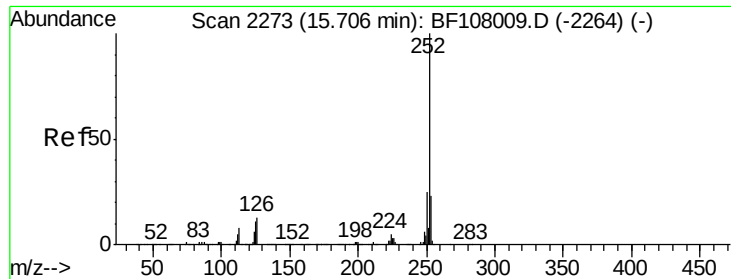
Acq: 10 Aug 2018 18:33

Tgt Ion:	252	Resp:	605333
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	10.3	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





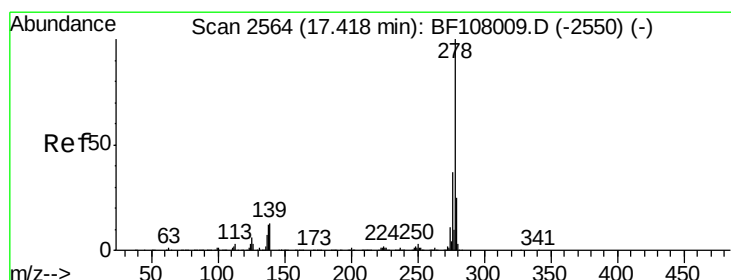
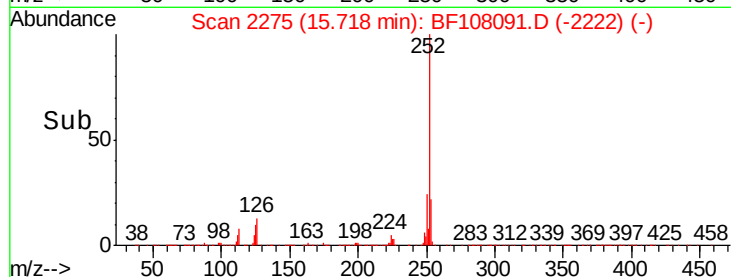
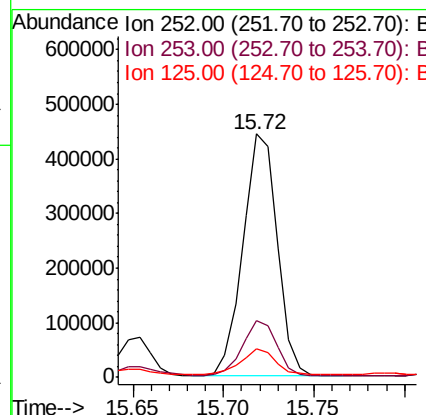
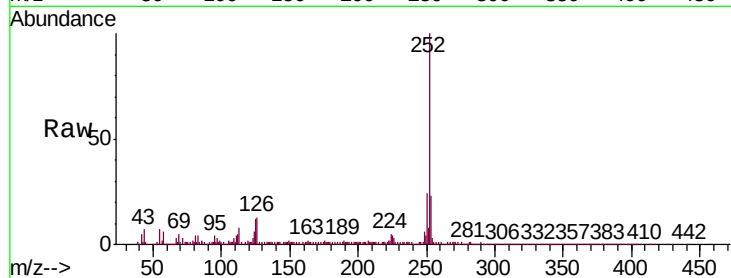
#89
Benzo(a)pyrene
Concen: 23.886 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	17.1	25.7
125	11.7	9.8	14.6

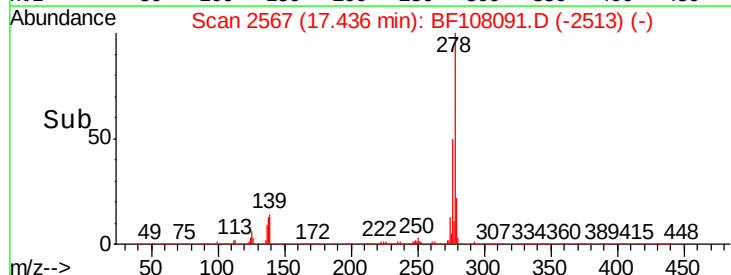
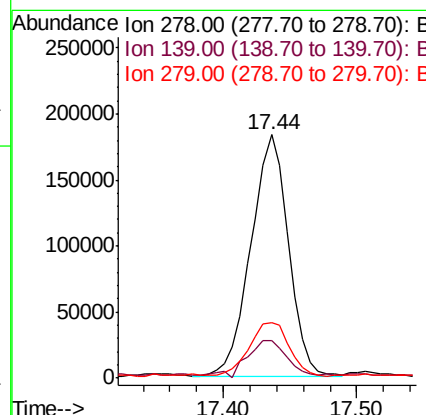
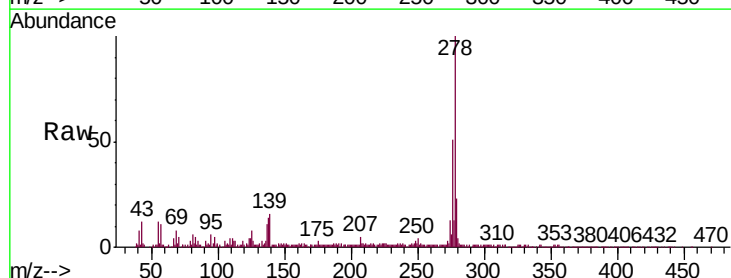
Manual Integrations
APPROVED

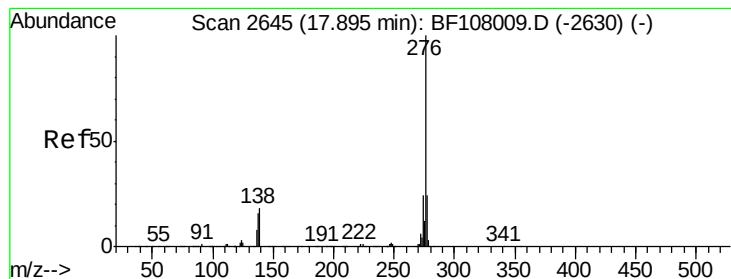
Sohil
8/13/2018 3:52:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 17.486 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.02 min
Lab File: BF108091.D
Acq: 10 Aug 2018 18:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.6	15.9	23.9#
279	23.0	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 19.300 ng

RT: 17.91 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BF108091.D

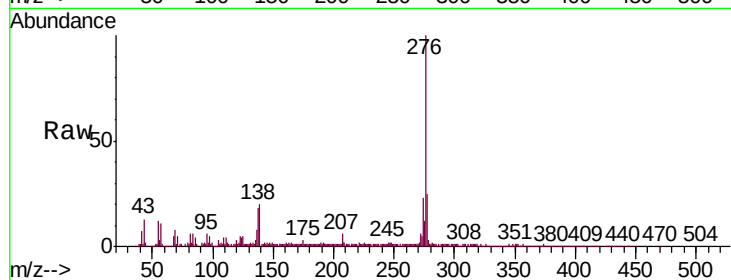
Acq: 10 Aug 2018 18:33

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-AMS



Tgt Ion:	276	Resp:	384804
Ion Ratio		Lower	Upper
276	100		
277	25.4	17.9	26.9
138	19.7	21.8	32.8#

Manual Integrations
APPROVED

Sohil
8/13/2018 3:52:07 PM

