

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108248.D
 Acq On : 17 Aug 2018 17:31
 Operator : JU/SJ
 Sample : J4500-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 18:07:00 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	7.01	152	165060	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	628026	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	302508	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	520561	20.00	ng	0.00
75) Chrysene-d12	14.21	240	450273	20.00	ng	-0.01
86) Perylene-d12	15.77	264	382316	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	835084	91.60	ng	0.01
7) Phenol-d6	6.64	99	1154003	95.25	ng	0.00
23) Nitrobenzene-d5	7.58	82	753157	66.92	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	268714	89.05	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1384493	73.48	ng	0.00
78) Terphenyl-d14	13.14	244	1242642	70.17	ng	0.00

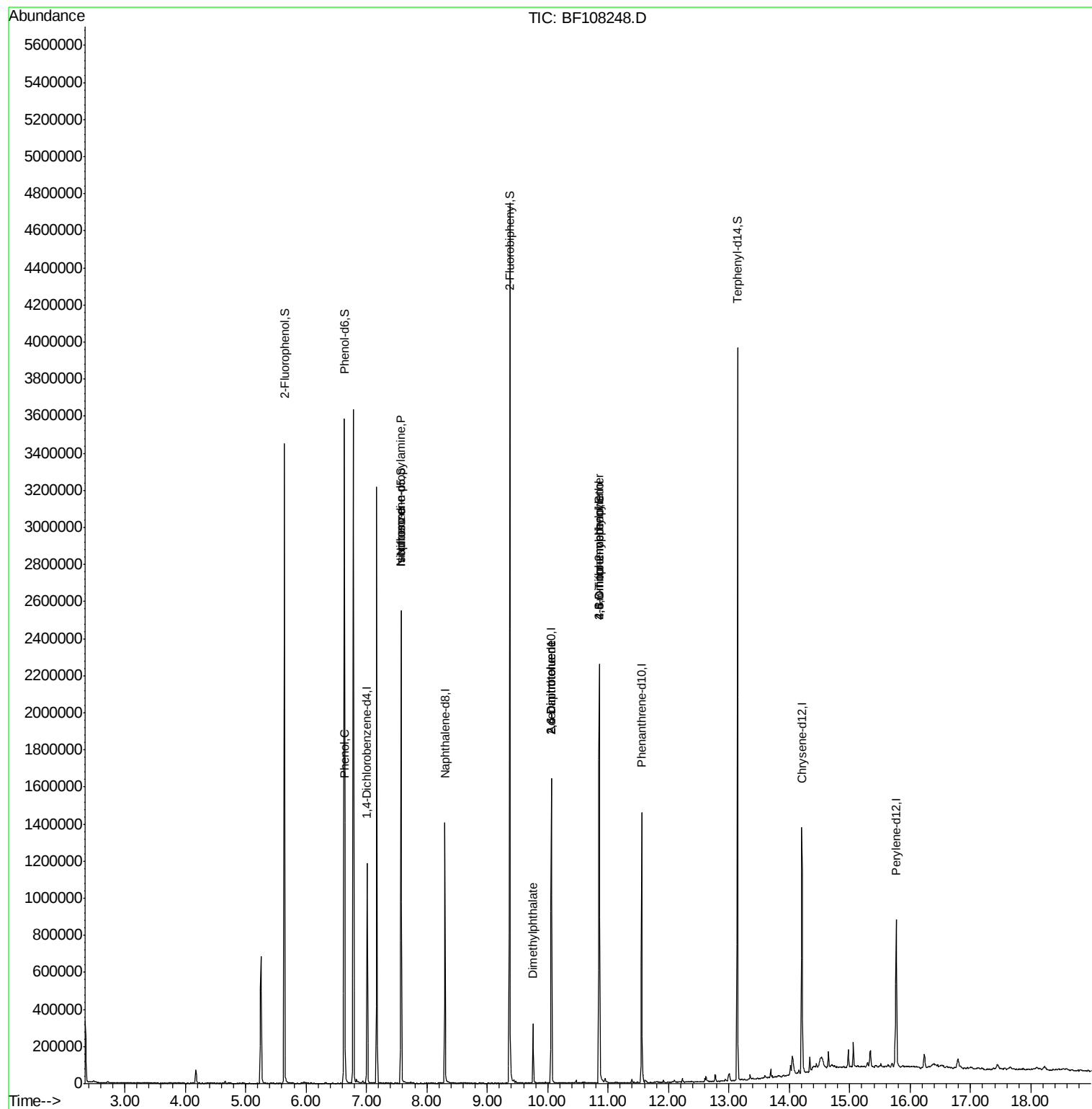
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.65	94	28265	2.255	ng	96
19) n-Nitroso-di-n-propylamine	7.58	70	102550	12.517	ng	# 83
25) Isophorone	7.58	82	753150	35.109	ng	# 64
49) Dimethylphthalate	9.76	163	120184	5.703	ng	99
50) 2,6-Dinitrotoluene	10.06	165	39215	8.895	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	39215	6.910	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	551	5.609	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	17701	3.129	ng	# 1

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

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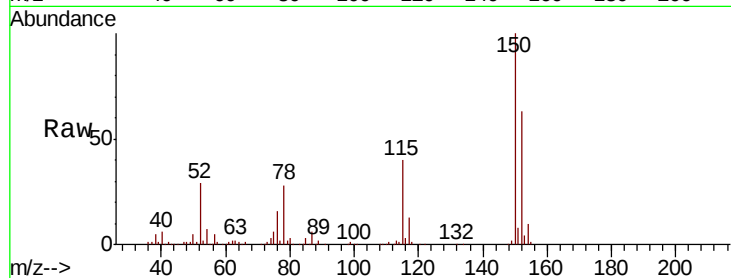


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108248.D
Acq: 17 Aug 2018 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	62.9	50.1	75.1

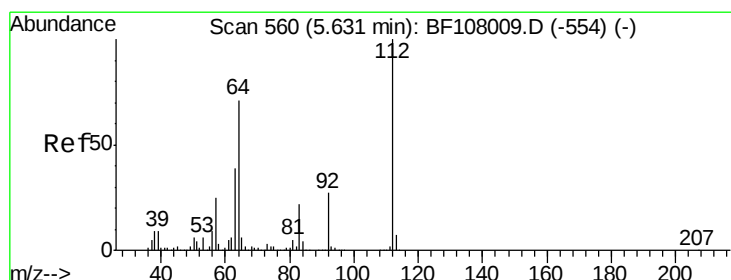
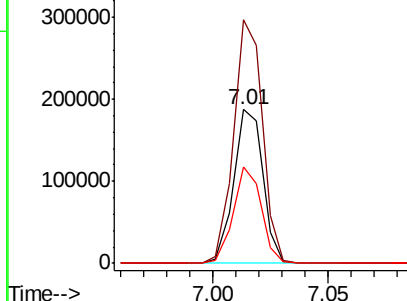
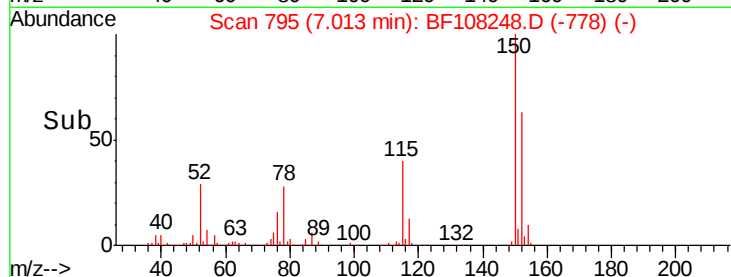


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

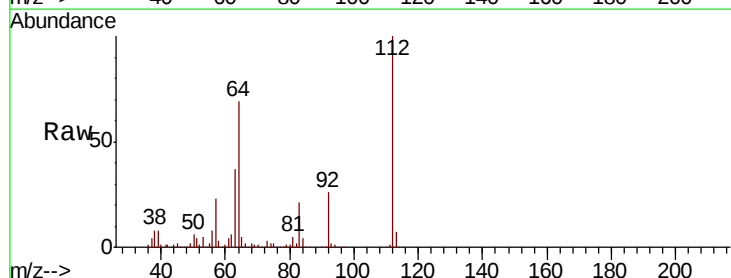
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.596 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108248.D
Acq: 17 Aug 2018 17:31

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

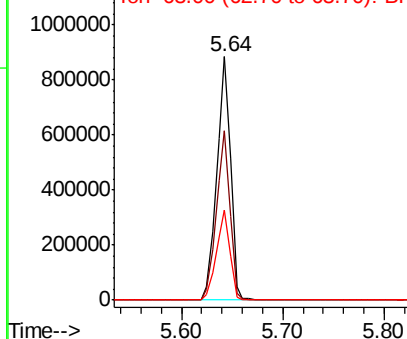
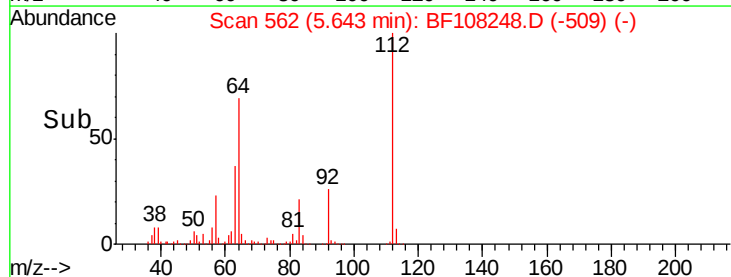


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.251 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108248.D

Acq: 17 Aug 2018 17:31

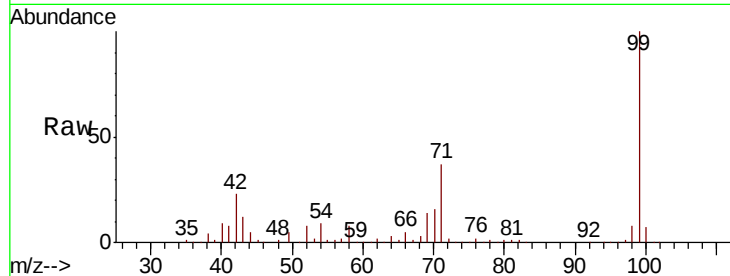
Instrument :

BNA_F

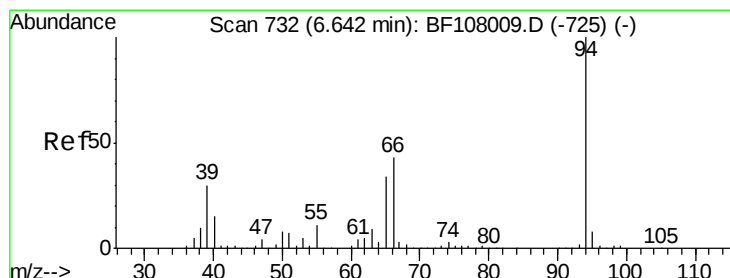
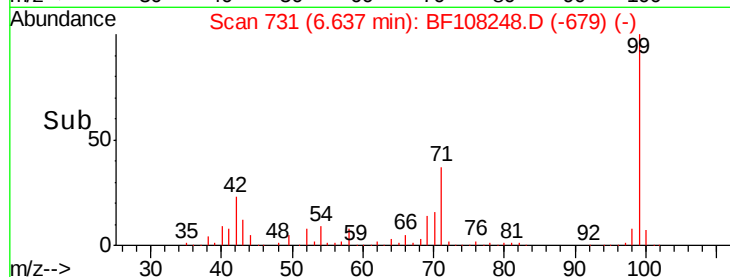
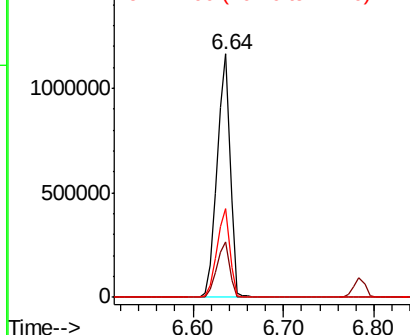
ClientSampleId :

Tot Ion: 99 Resp: 1154003

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	36.6	25.4	38.0



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



#10

Phenol

Concen: 2.255 ng

RT: 6.65 min Scan# 733

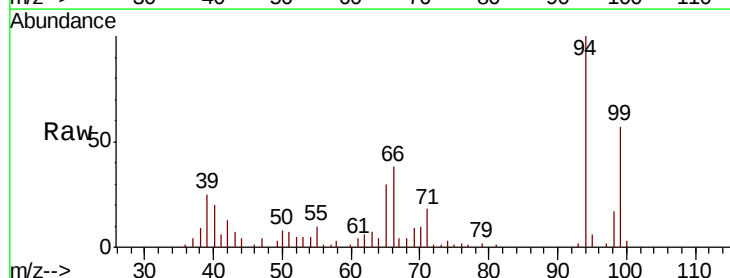
Delta R.T. 0.01 min

Lab File: BF108248.D

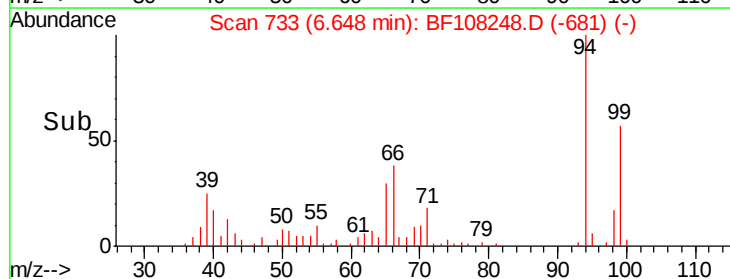
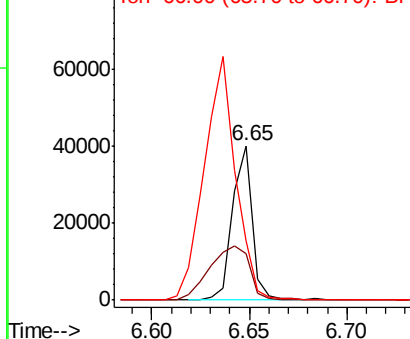
Acq: 17 Aug 2018 17:31

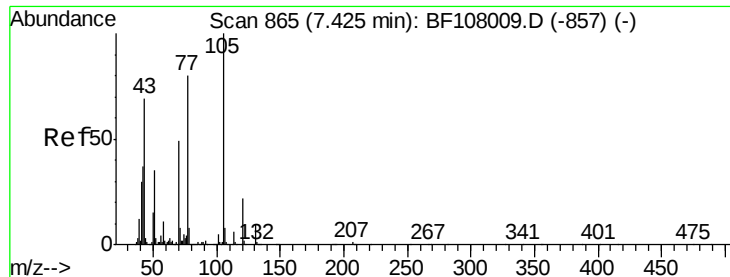
Tgt Ion: 94 Resp: 28265

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	38.0	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

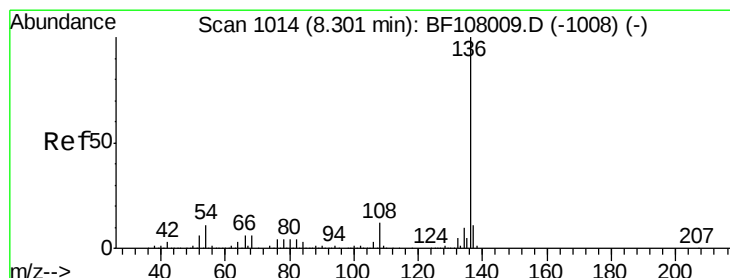
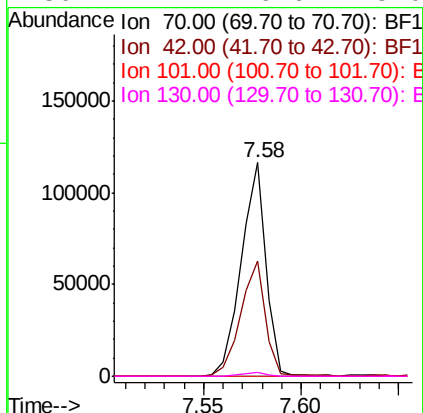
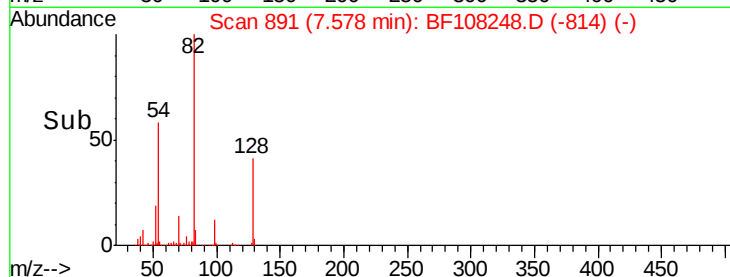
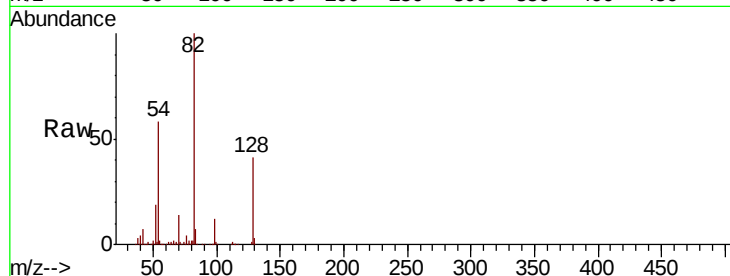




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.517 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.15 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

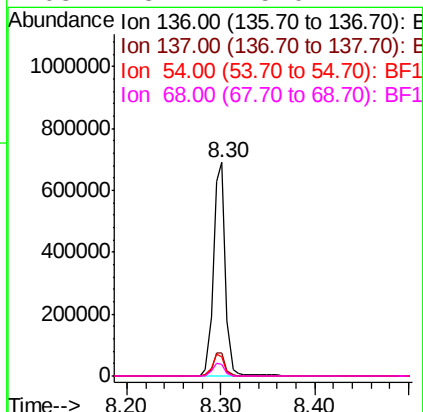
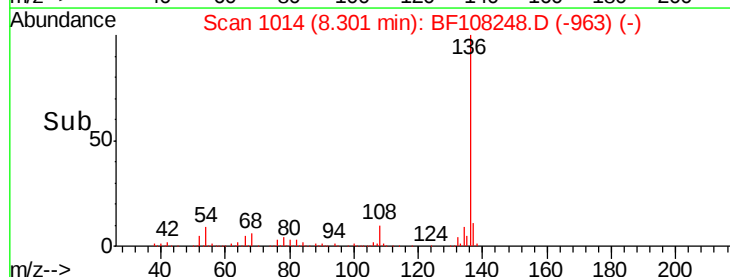
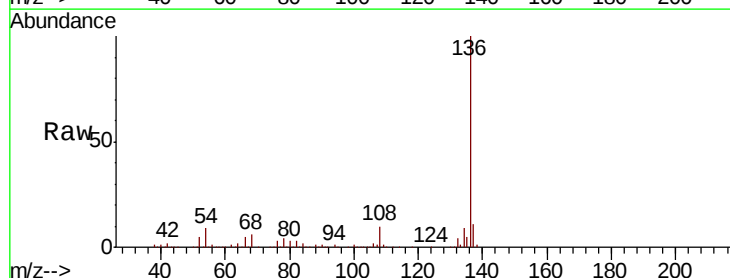
Instrument :
 BNA_F
 ClientSampleId :

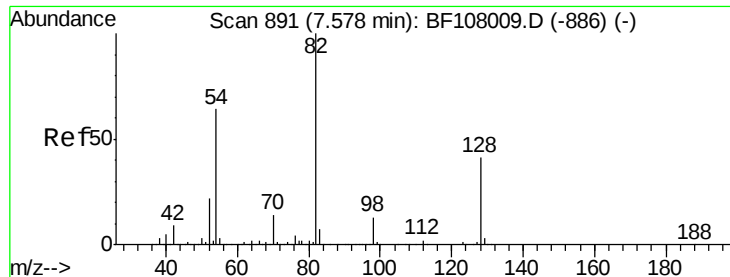
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	0.0	7.4	11.2
130	2.1	16.6	25.0



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	5.7	5.0	7.4

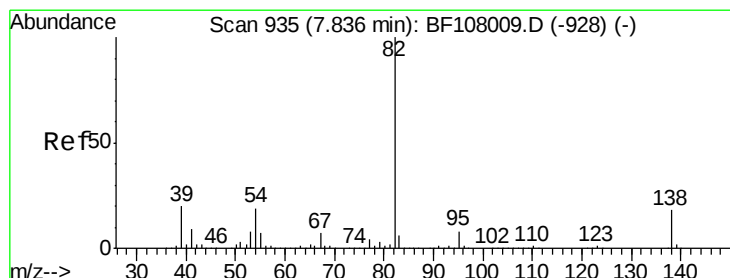
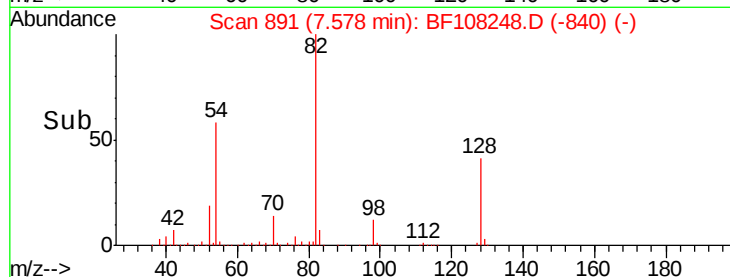
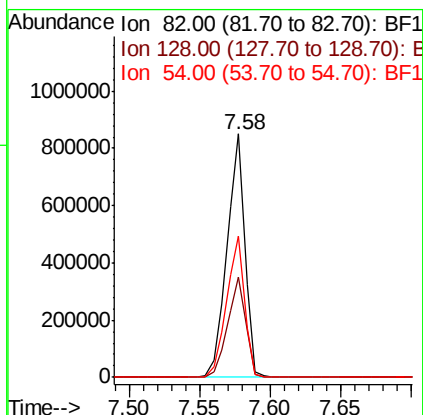
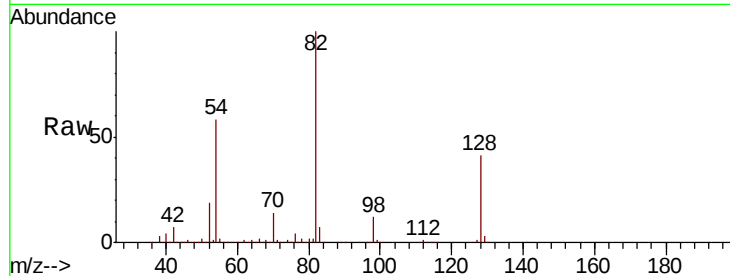




#23
Nitrobenzene-d5
Concen: 66.920 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108248.D
Acq: 17 Aug 2018 17:31

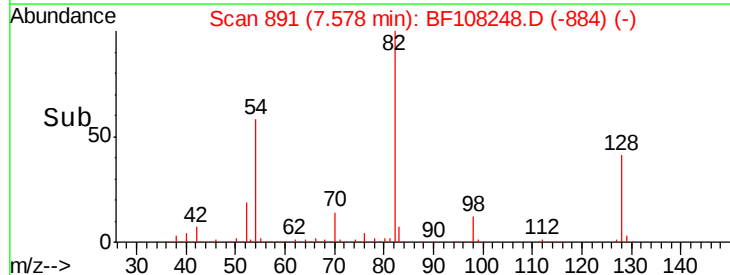
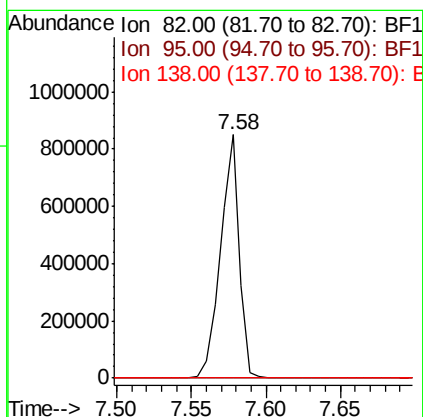
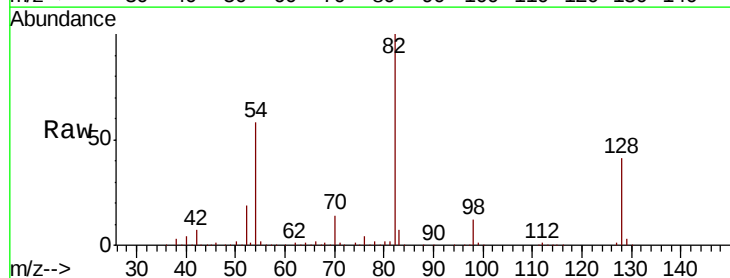
Instrument :
BNA_F
ClientSampleId :

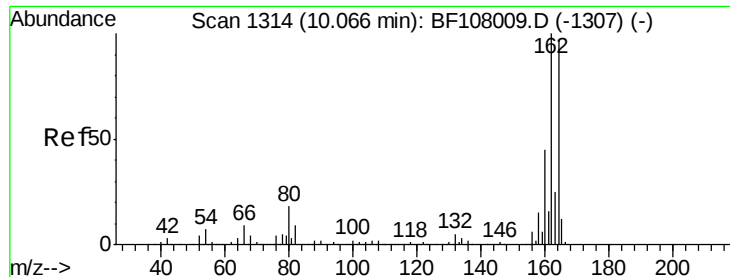
Tot Ion	82	Resp	753157
Ion Ratio	100	Lower	Upper
128	41.3	36.1	54.1
54	58.1	41.4	62.2



#25
Isophorone
Concen: 35.109 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108248.D
Acq: 17 Aug 2018 17:31

Tgt Ion	82	Resp	753150
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108248.D

Acq: 17 Aug 2018 17:31

Instrument :

BNA_F

ClientSampleId :

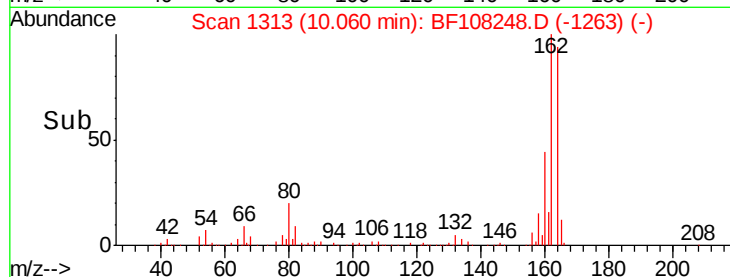
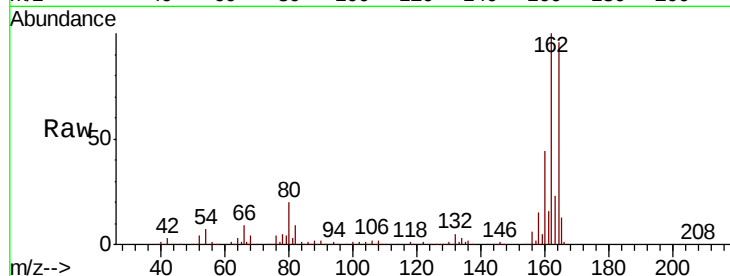
Tot Ion:164 Resp: 302508

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

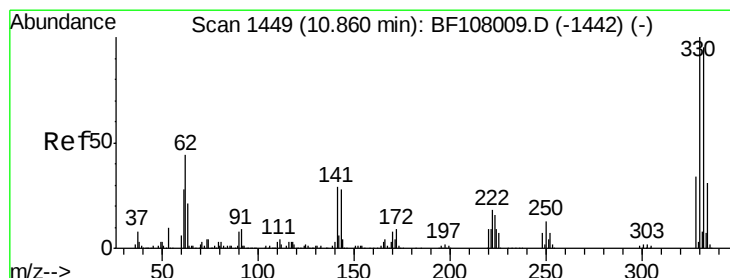
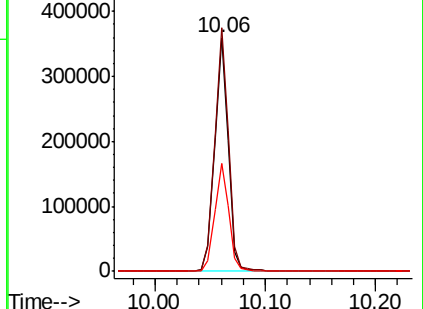
160 46.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 89.054 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108248.D

Acq: 17 Aug 2018 17:31

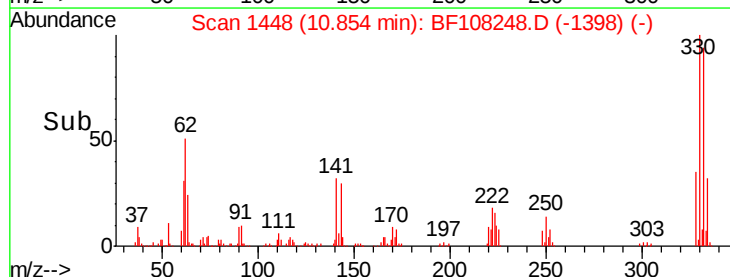
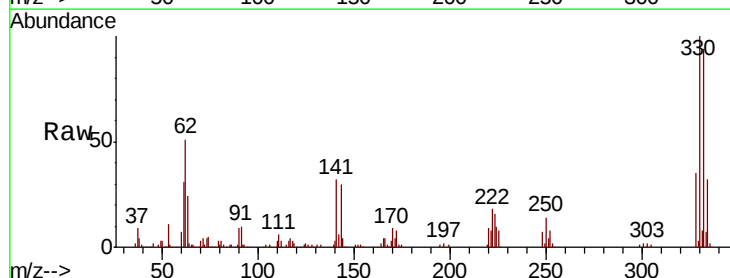
Tgt Ion:330 Resp: 268714

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

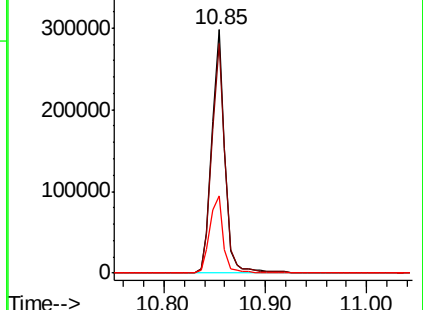
141 33.2 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

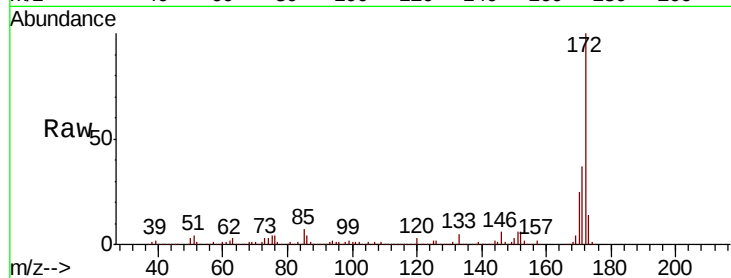




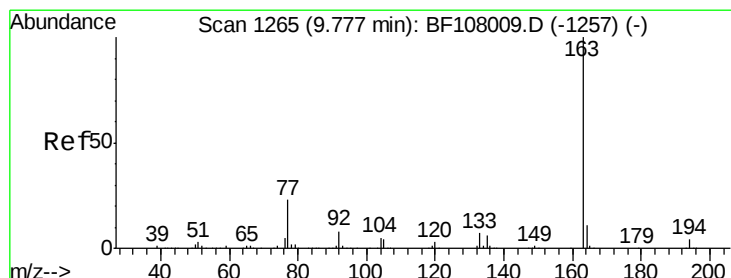
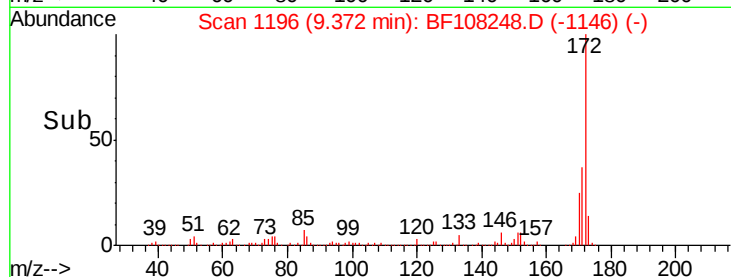
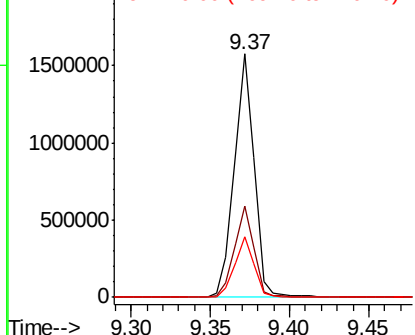
#44
2-Fluorobiphenyl
Concen: 73.478 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108248.D
Acq: 17 Aug 2018 17:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1384493
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.9 19.6 29.4

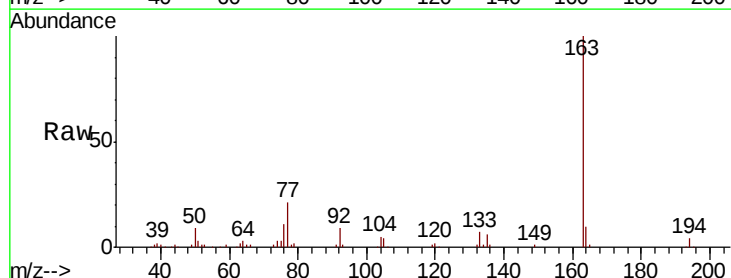


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

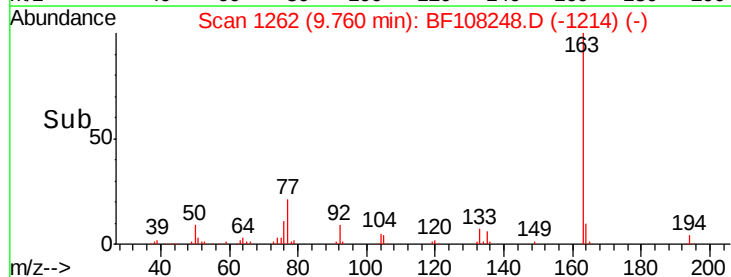
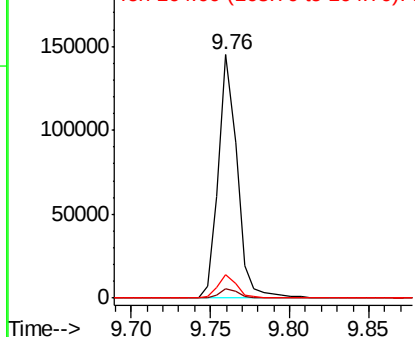


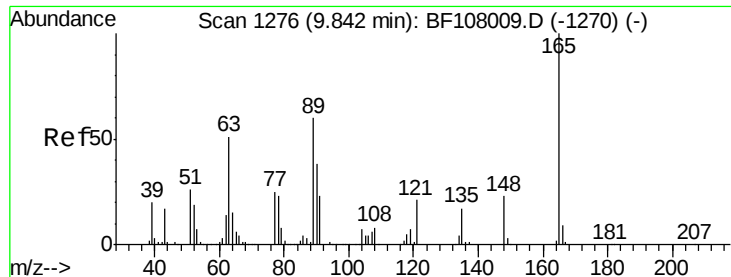
#49
Dimethylphthalate
Concen: 5.703 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108248.D
Acq: 17 Aug 2018 17:31

Tgt Ion:163 Resp: 120184
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2



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

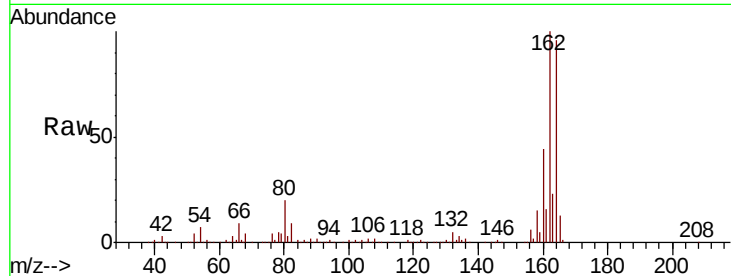




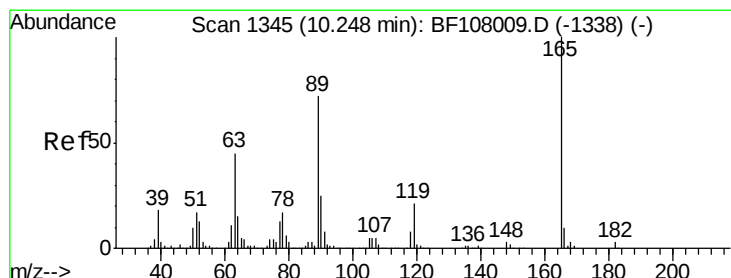
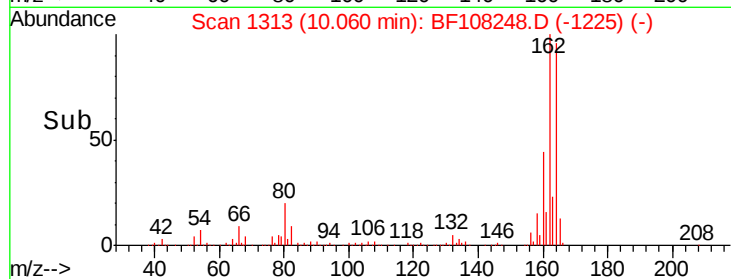
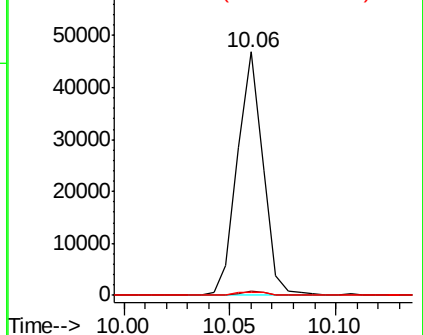
#50
 2,6-Dinitrotoluene
 Concen: 8.895 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#

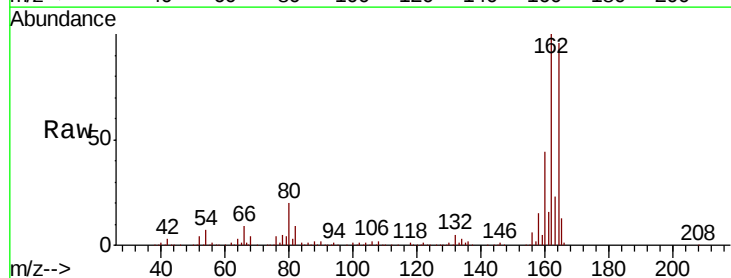


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

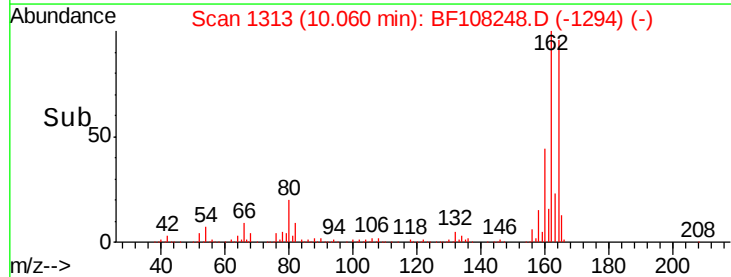
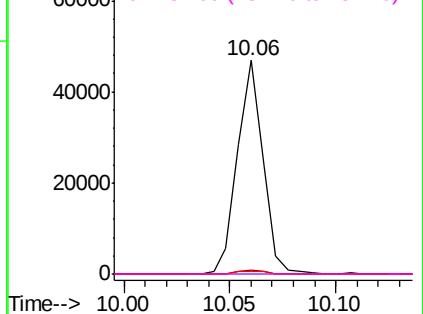


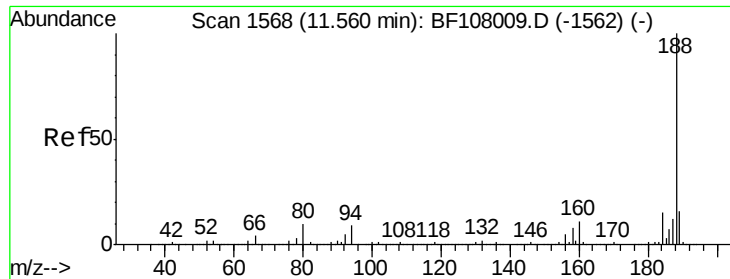
#56
 2,4-Dinitrotoluene
 Concen: 6.910 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

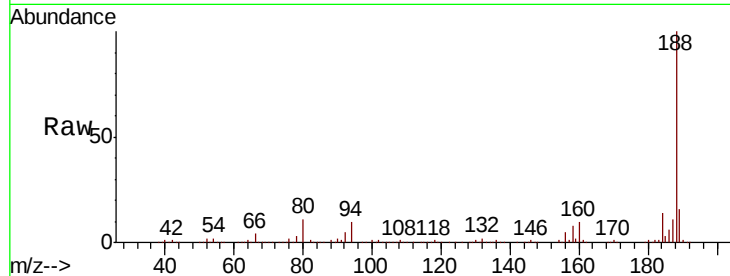




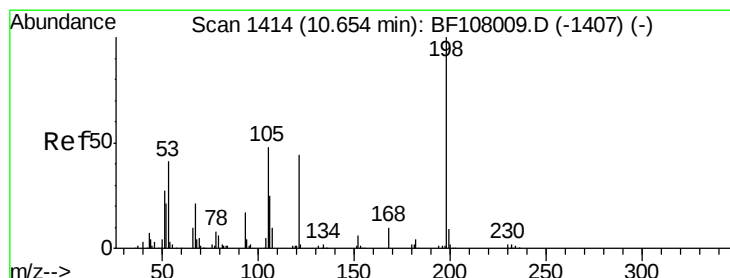
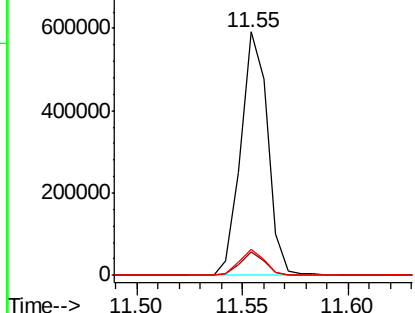
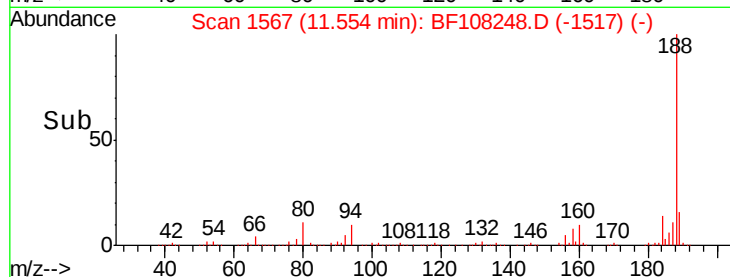
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 520561
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.6 9.2 13.8

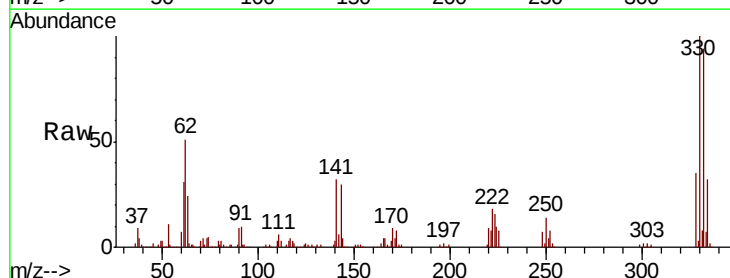


Abundance Ion 188.00 (187.70 to 188.70): E
 800000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

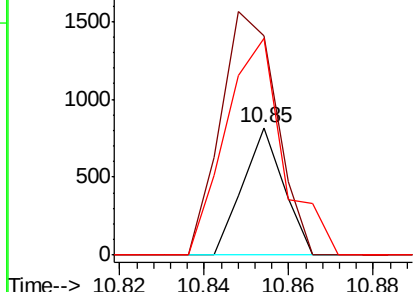
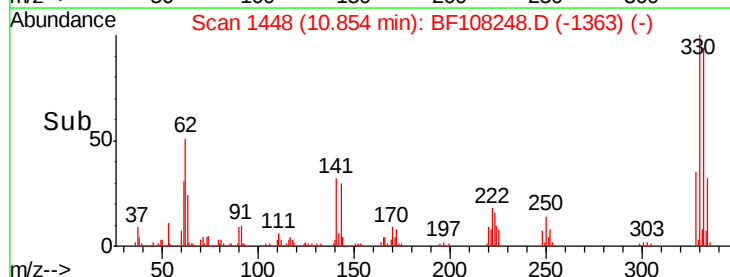


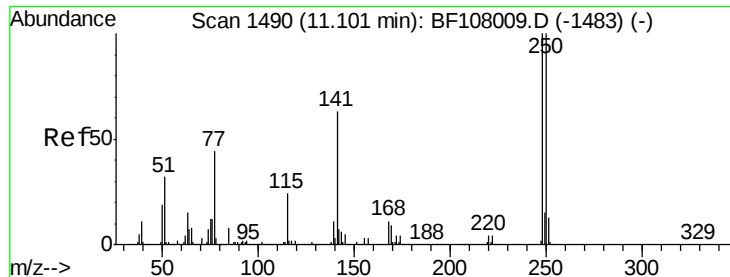
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.609 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Tgt Ion:198 Resp: 551
 Ion Ratio Lower Upper
 198 100
 51 171.2 37.7 77.7#
 105 169.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 2000
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

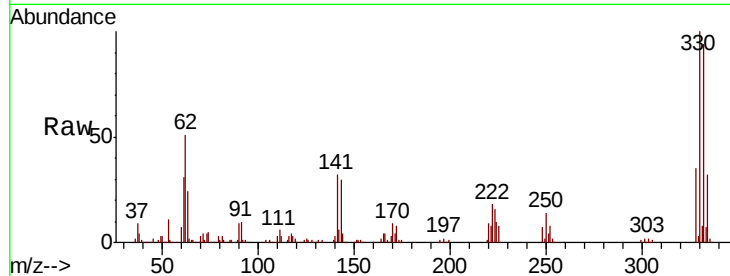




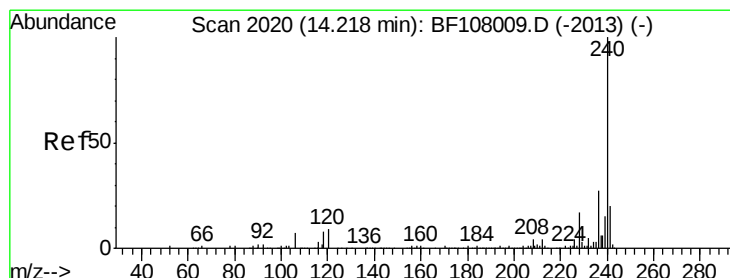
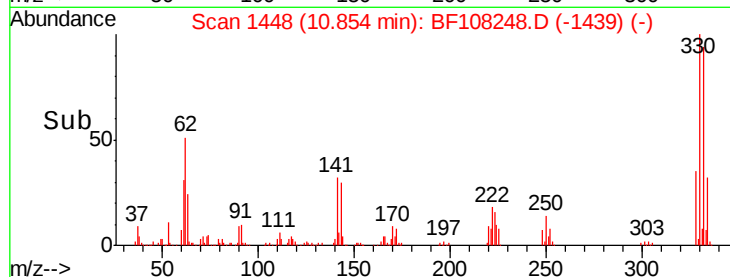
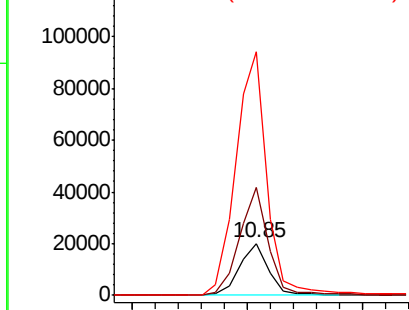
#66
 4-Bromophenyl-phenylether
 Concen: 3.129 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17701
 Ion Ratio Lower Upper
 248 100
 250 208.2 76.9 115.3#
 141 471.0 74.4 111.6#

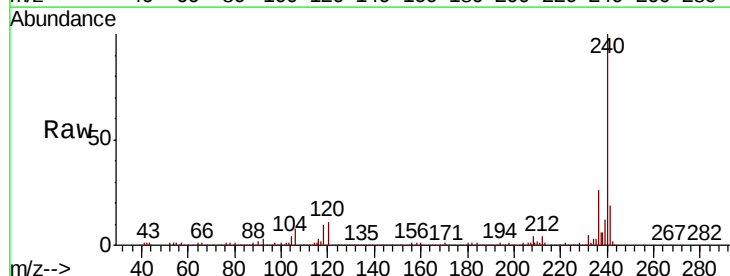


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

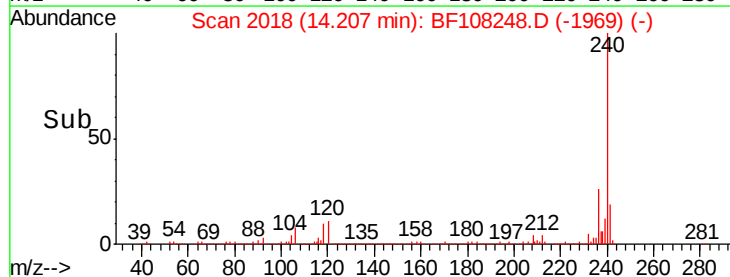
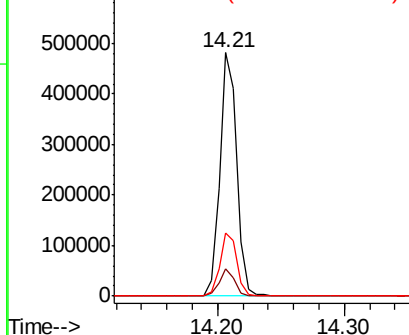


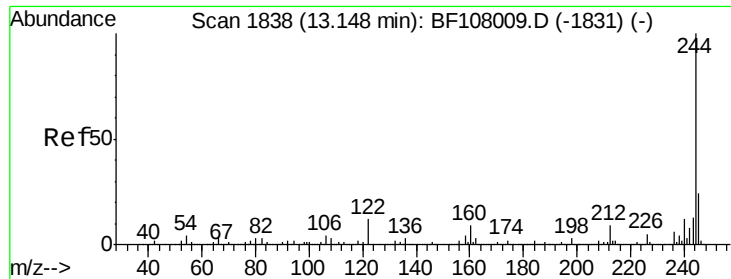
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Tgt Ion:240 Resp: 450273
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.5 14.3
 236 26.0 20.7 31.1



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

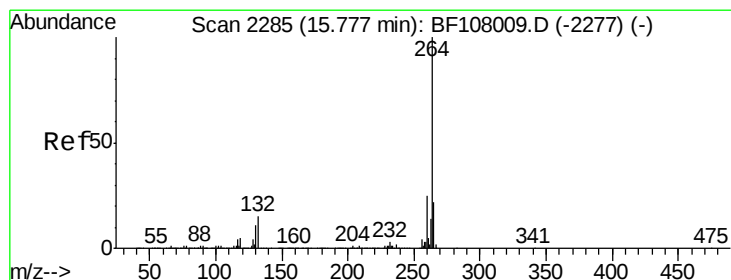
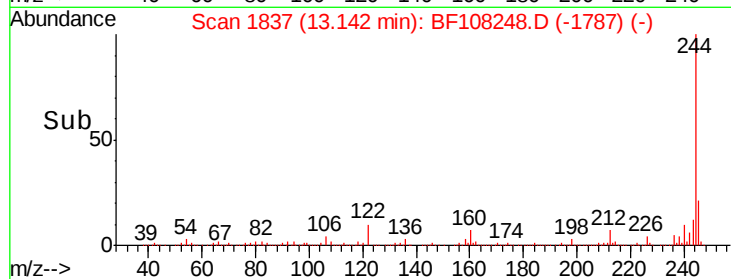
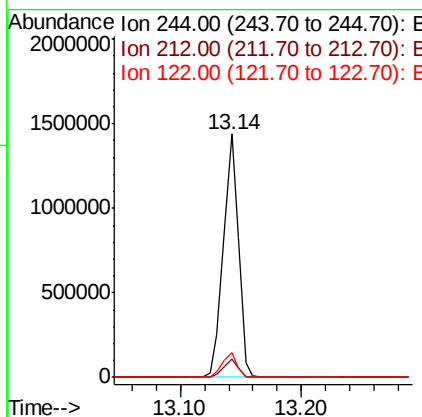
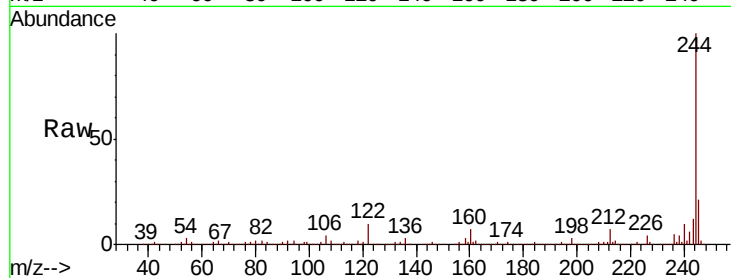




#78
 Terphenyl-d14
 Concen: 70.169 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1242642
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108248.D
 Acq: 17 Aug 2018 17:31

Tgt Ion:264 Resp: 382316
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.5 26.3

