

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108340.D
 Acq On : 21 Aug 2018 15:44
 Operator : JU/SJ
 Sample : J4521-30RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

Quant Time: Aug 21 16:06:25 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

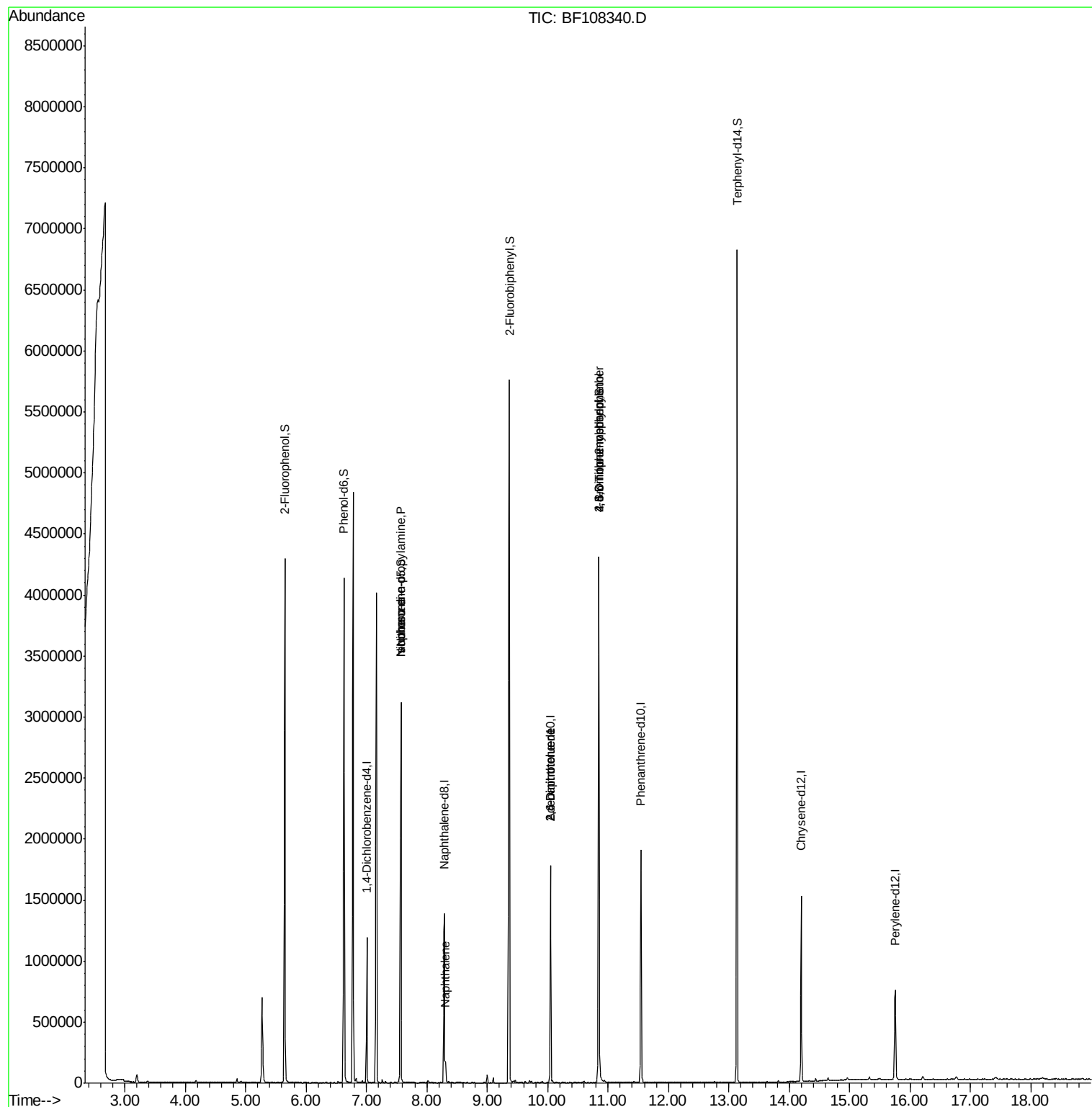
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	175949	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	663707	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	347398	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	727304	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	565734	20.00	ng	-0.02
86) Perylene-d12	15.75	264	373860	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1210104	124.52	ng	0.02
7) Phenol-d6	6.63	99	1471279	113.92	ng	0.00
23) Nitrobenzene-d5	7.57	82	1207705	101.54	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	574727	165.86	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2110127	97.52	ng	-0.01
78) Terphenyl-d14	13.14	244	2613206	117.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	165430	18.943	ng	# 81
25) Isophorone	7.57	82	1203638	53.092	ng	# 64
31) Naphthalene	8.31	128	101773	3.372	ng	# 98
50) 2,6-Dinitrotoluene	10.05	165	45251	8.938	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	45251	6.944	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1223	5.756	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	38692	4.895	ng	# 1

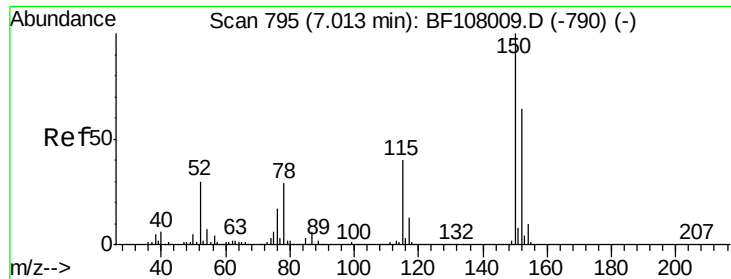
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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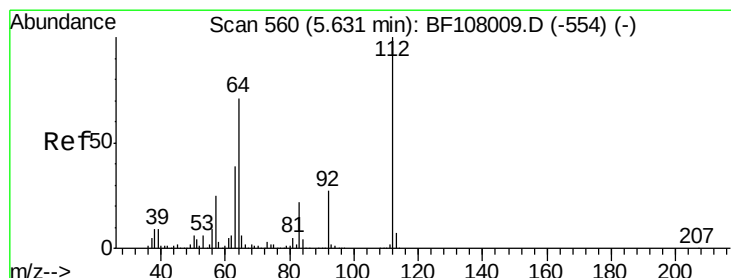
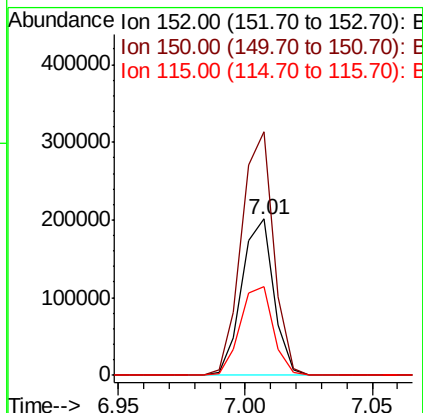
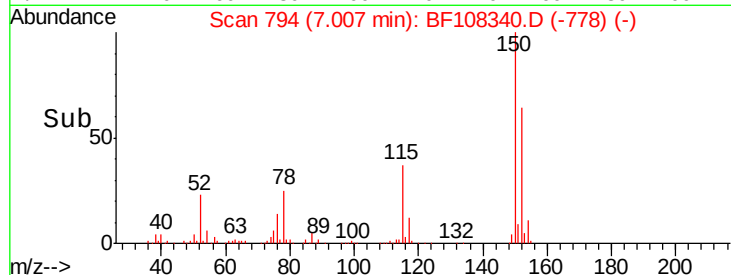
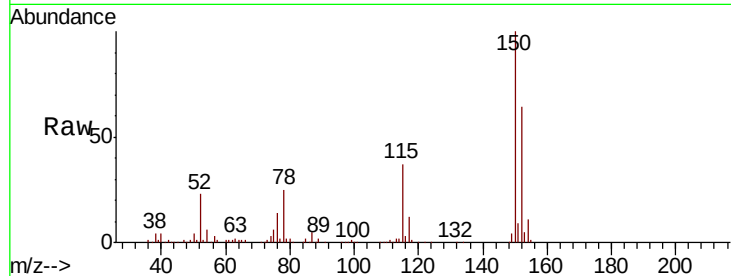


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

Instrument :
BNA_F
ClientSampleId :
CHRT-27245

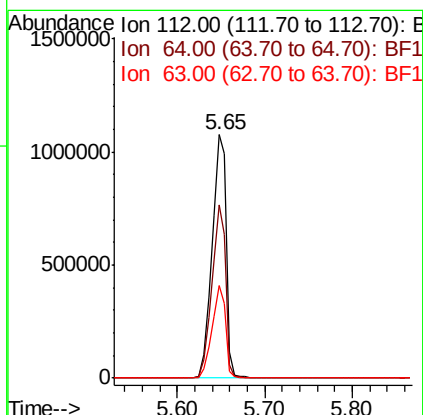
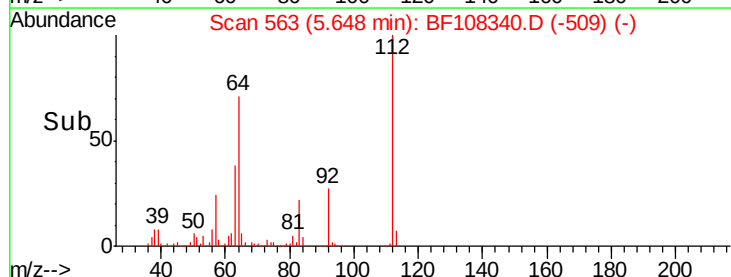
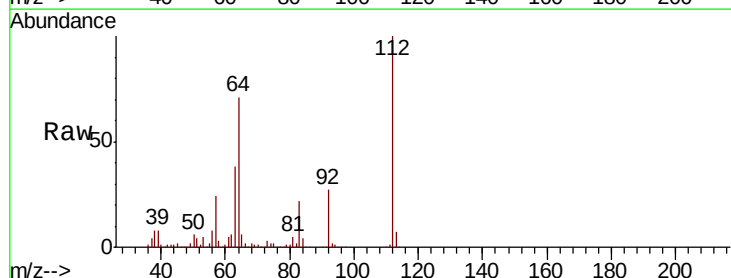
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	57.1	50.1	75.1

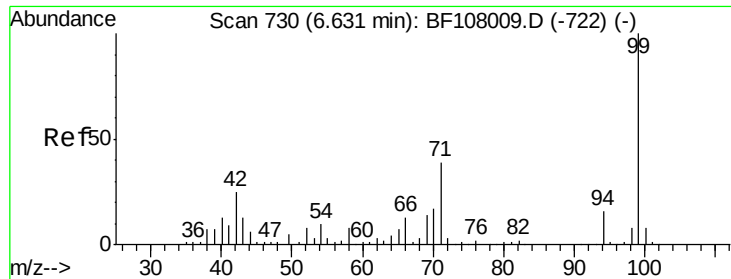


#5

2-Fluorophenol
Concen: 124.516 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	47.9	71.9
63	38.0	23.7	35.5#





#7

Phenol-d6

Concen: 113.924 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Instrument :

BNA_F

ClientSampleId :

CHRT-27245

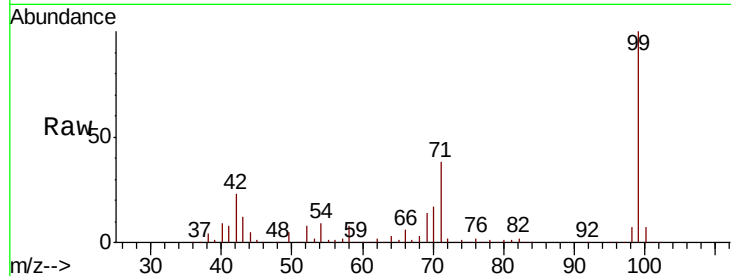
Tot Ion: 99 Resp: 1471279

Ion Ratio Lower Upper

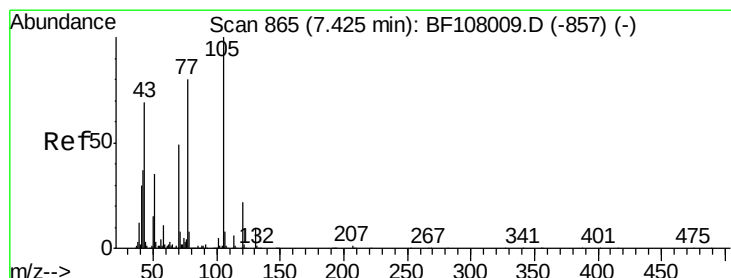
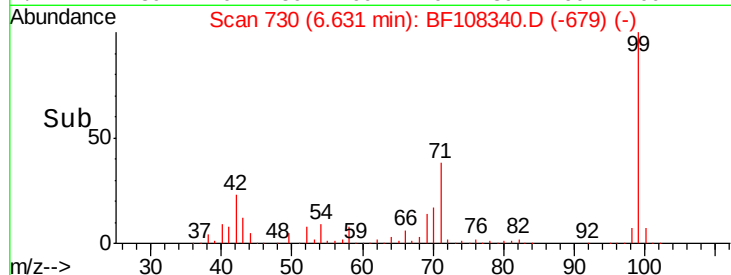
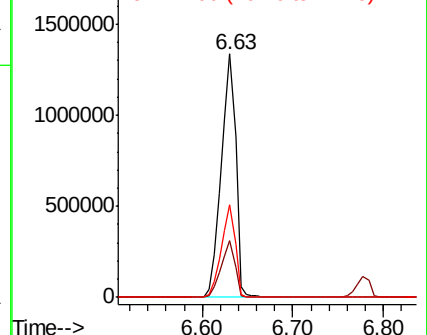
99 100

42 23.2 14.5 21.7#

71 38.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.943 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Tgt Ion: 70 Resp: 165430

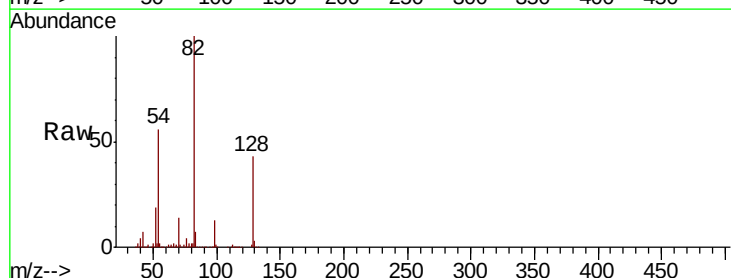
Ion Ratio Lower Upper

70 100

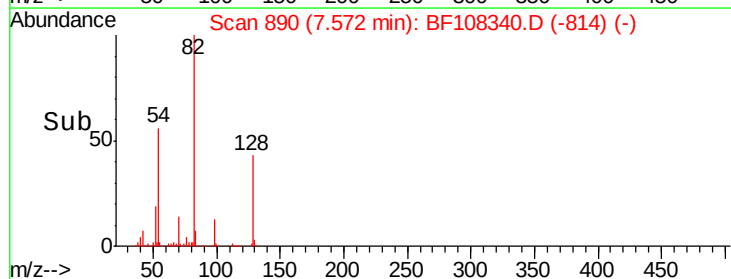
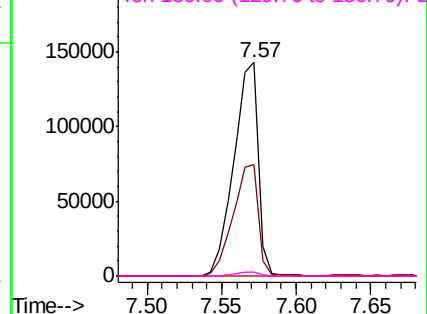
42 52.0 47.5 71.3

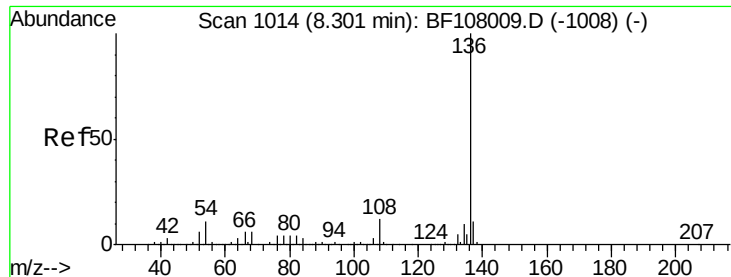
101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

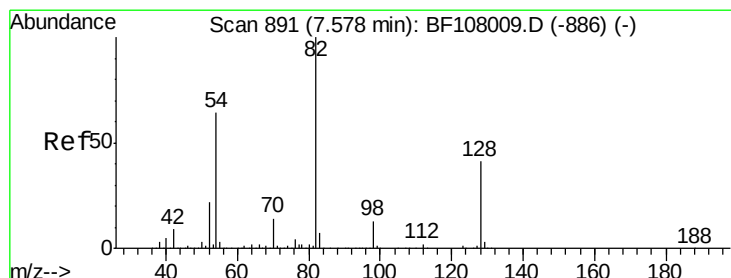
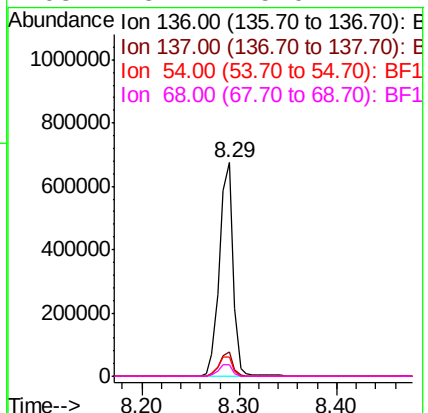
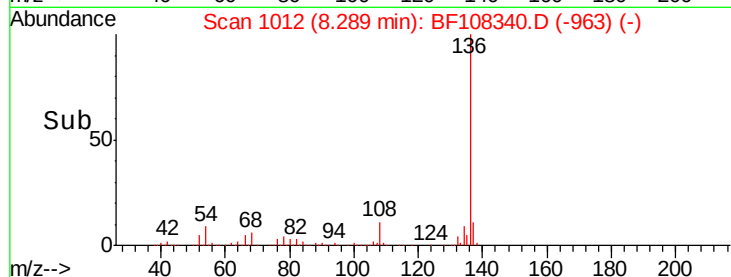
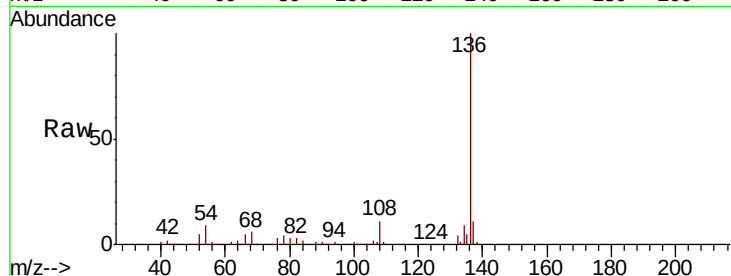




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

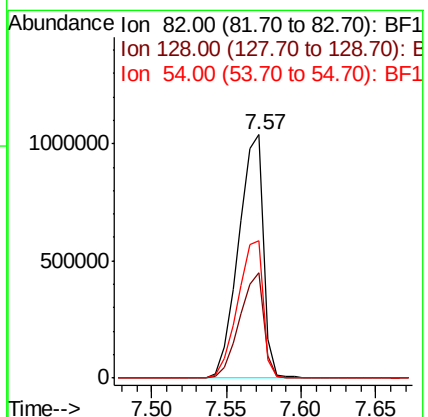
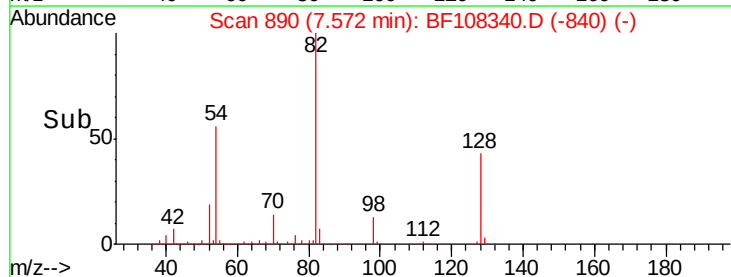
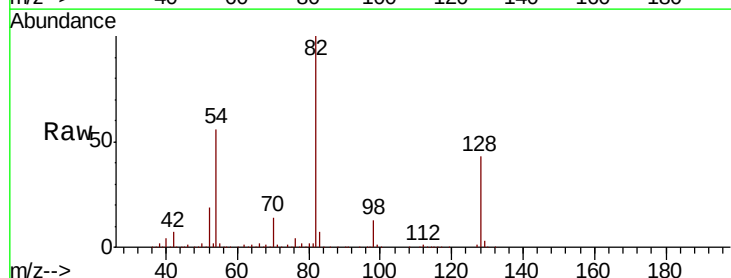
Instrument :
BNA_F
ClientSampleId :
CHRT-27245

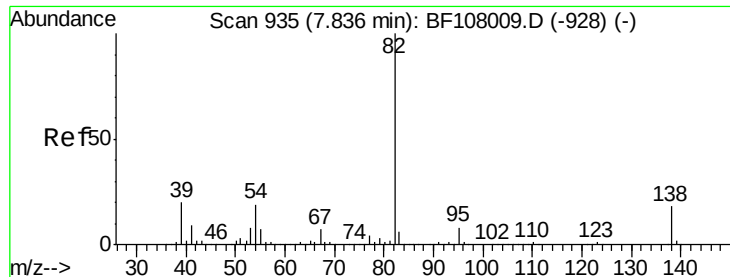
Tot Ion:136	Resp:	663707
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 9.2	6.6	9.8
68 5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 101.538 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

Tgt	Ion: 82	Resp: 1207705	
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	56.2	41.4	62.2





#25

Isophorone

Concen: 53.092 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Instrument :

BNA_F

ClientSampleId :

CHRT-27245

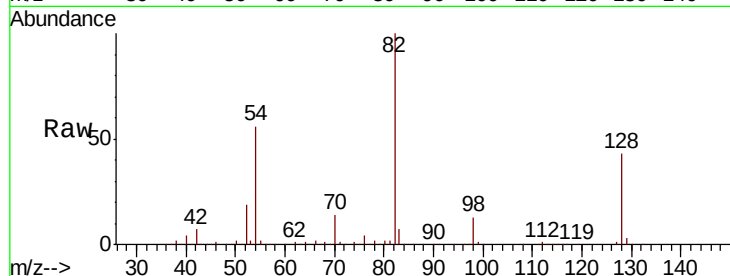
Tot Ion: 82 Resp: 1203638

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

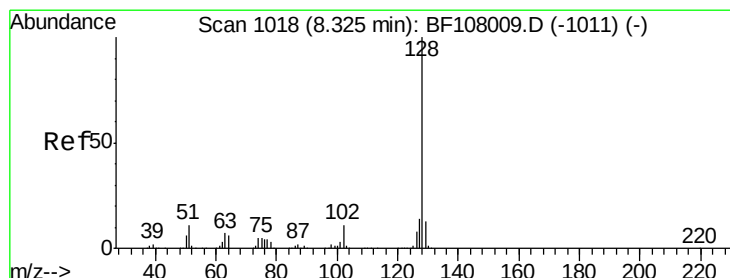
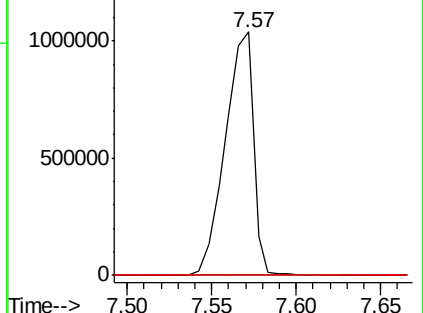
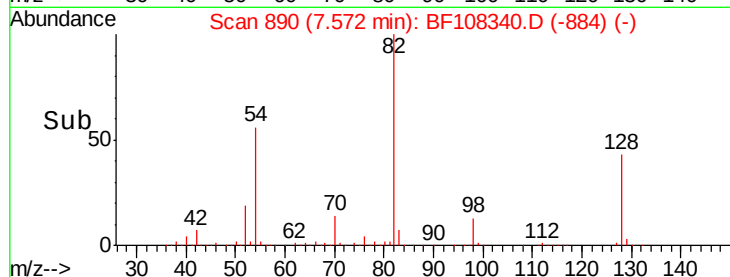
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 3.372 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

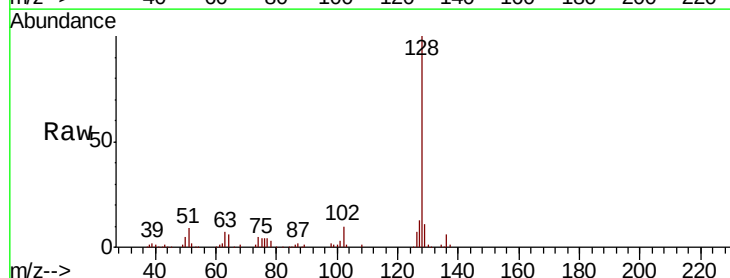
Tgt Ion: 128 Resp: 101773

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

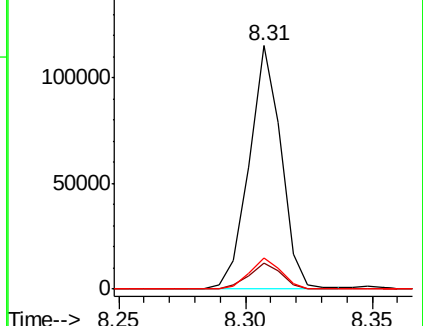
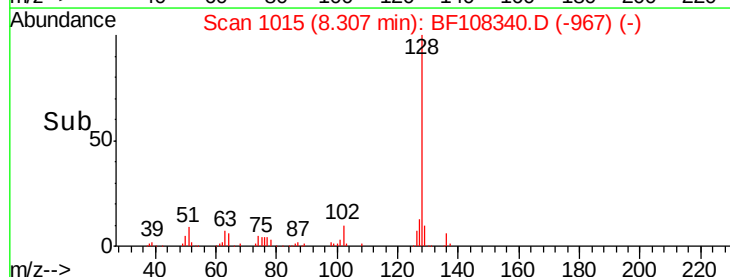
127 12.6 10.9 16.3

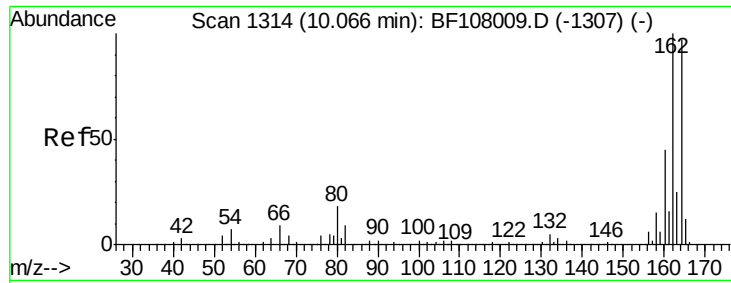


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

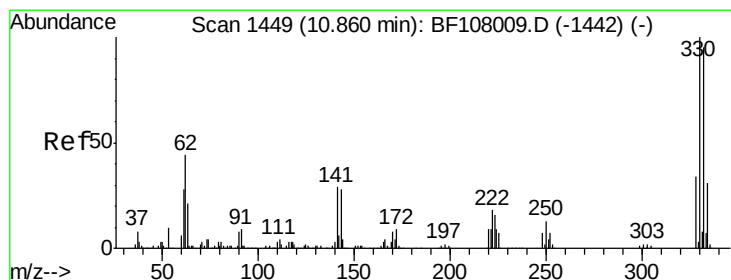
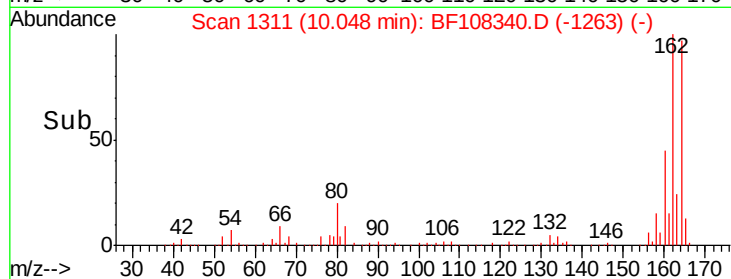
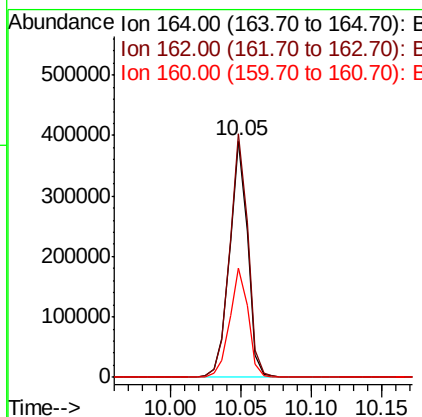
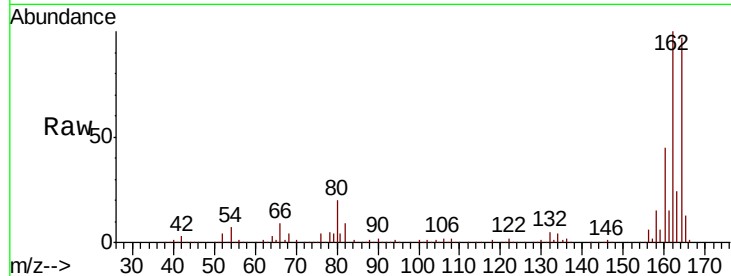




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

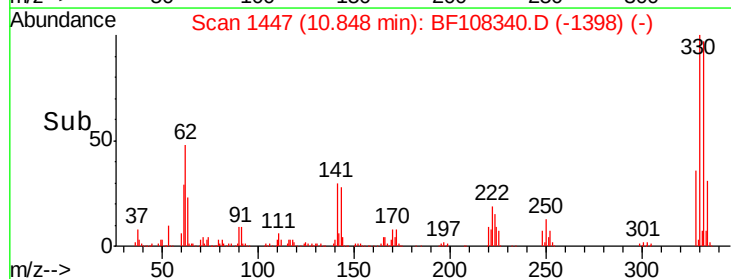
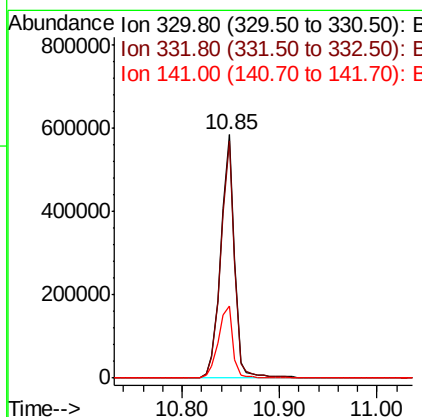
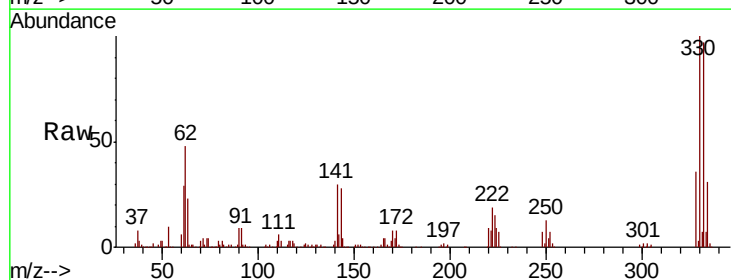
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

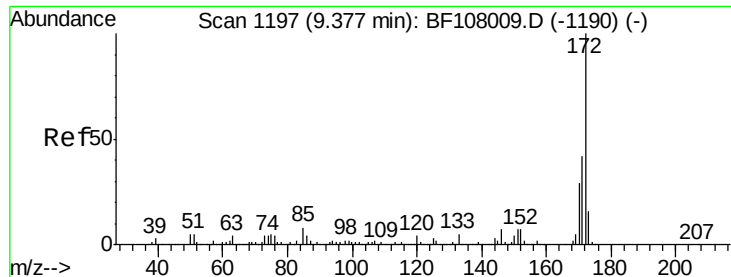
Tot Ion:164 Resp: 347398
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 165.856 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

Tgt Ion:330 Resp: 574727
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 31.6 29.9 44.9



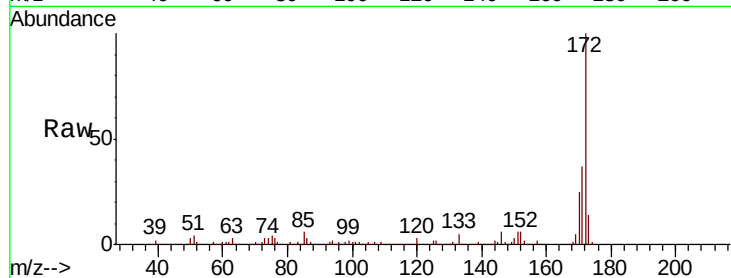


#44
 2-Fluorobiphenyl
 Concen: 97.518 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

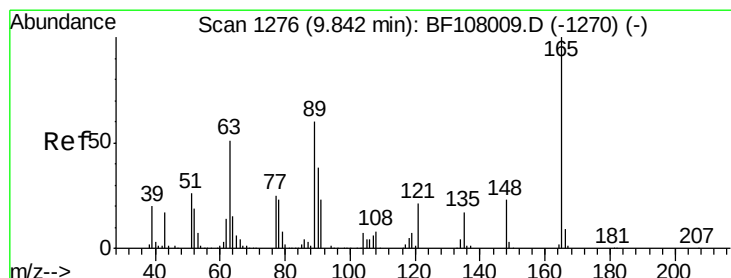
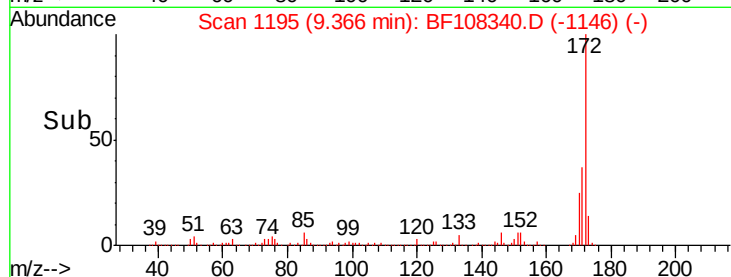
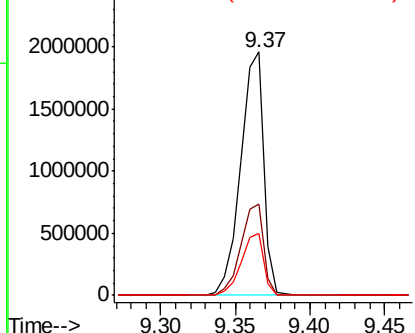
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

Tot Ion:172 Resp: 2110127

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.3	19.6	29.4



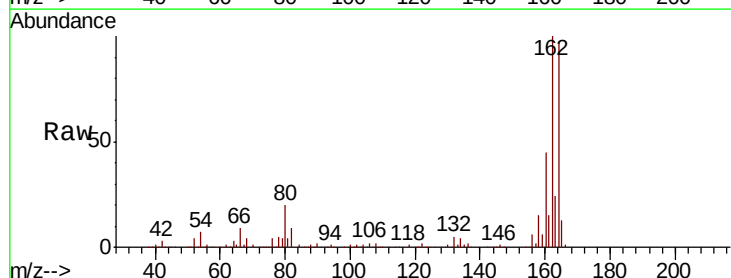
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



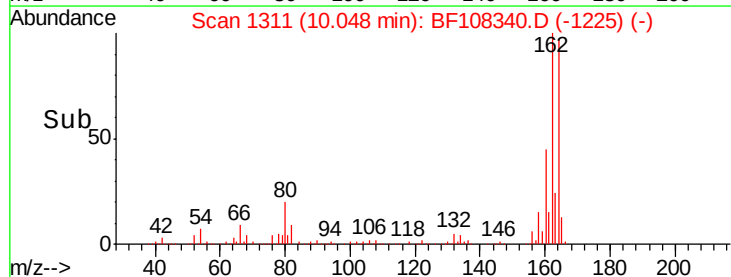
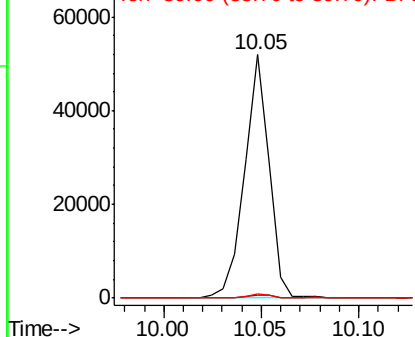
#50
 2,6-Dinitrotoluene
 Concen: 8.938 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.21 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

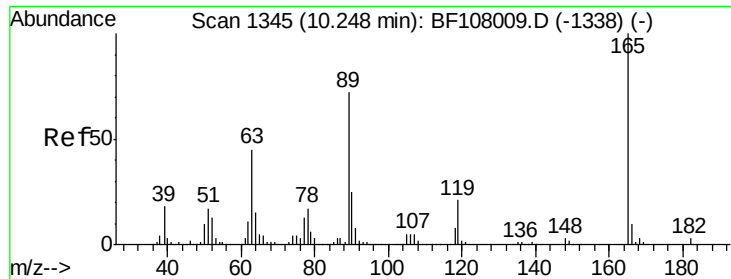
Tgt Ion:165 Resp: 45251

Ion	Ratio	Lower	Upper
165	100		
63	1.4	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

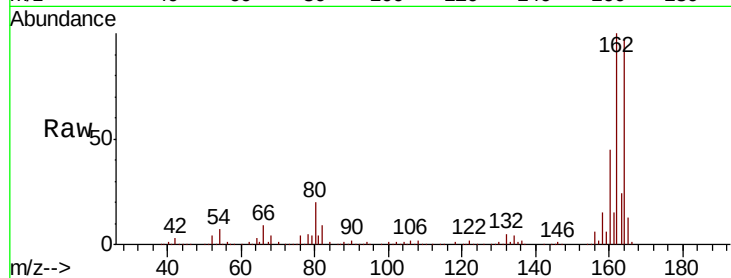




#56
 2,4-Dinitrotoluene
 Concen: 6.944 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.20 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



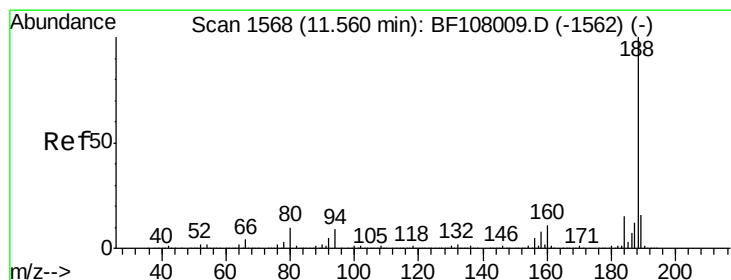
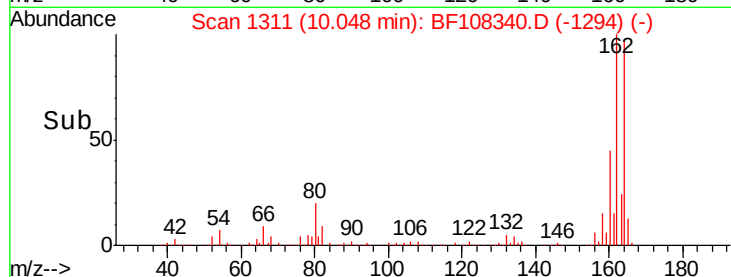
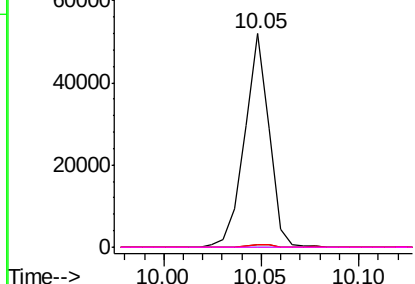
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

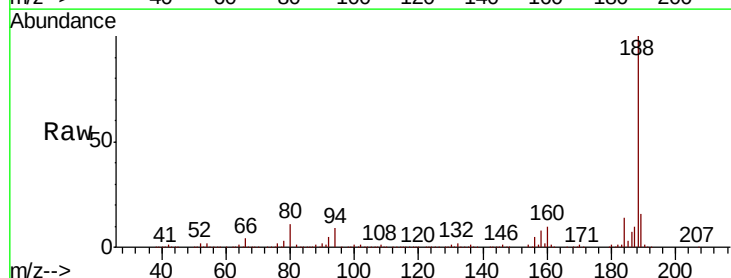
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8

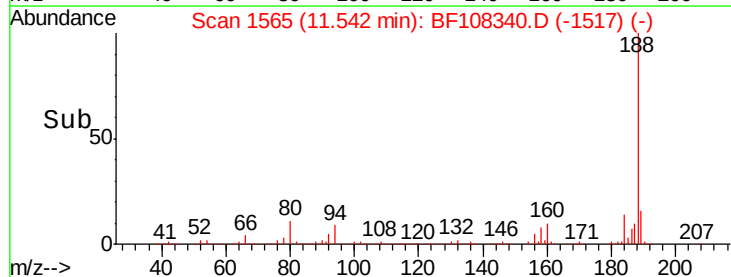
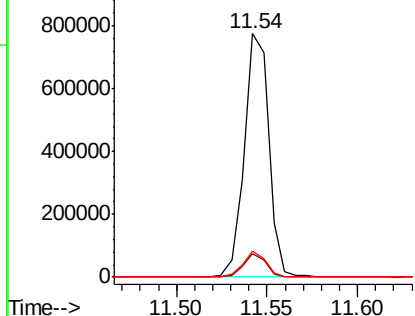


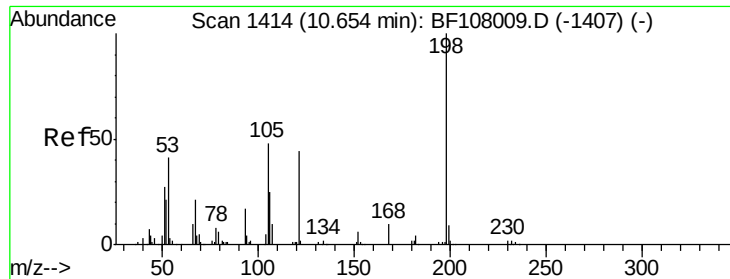
Abundance

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

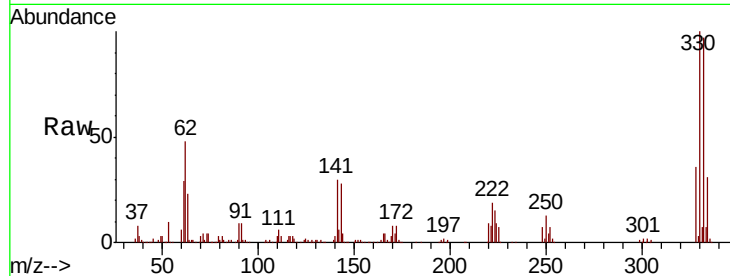




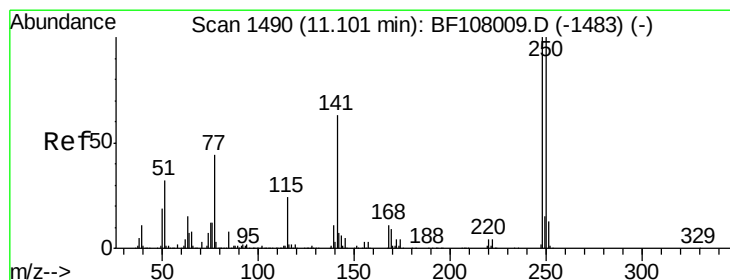
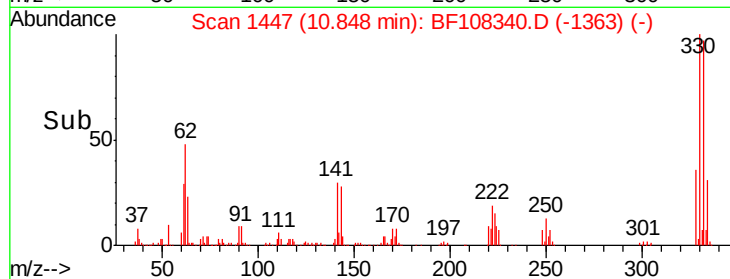
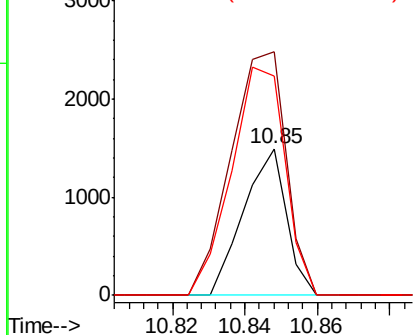
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.756 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.20 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27245

Tot Ion:198 Resp: 1223
 Ion Ratio Lower Upper
 198 100
 51 166.0 37.7 77.7#
 105 149.4 36.3 76.3#

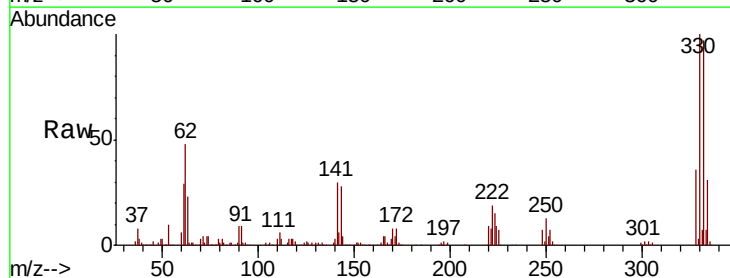


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

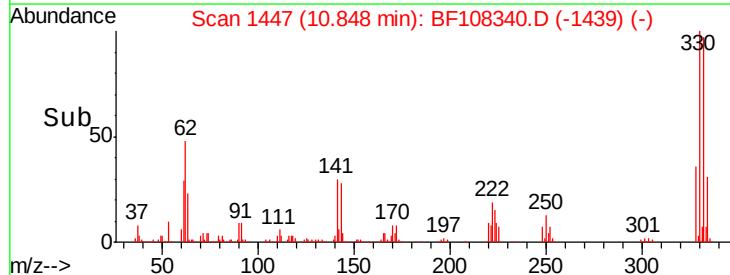
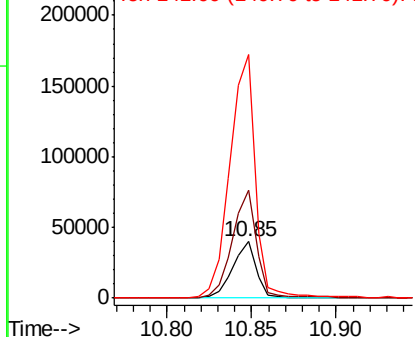


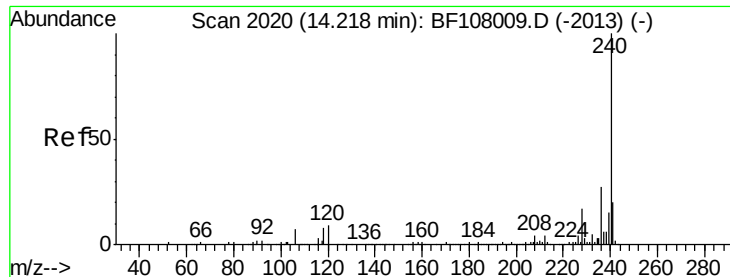
#66
 4-Bromophenyl-phenylether
 Concen: 4.895 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF108340.D
 Acq: 21 Aug 2018 15:44

Tgt Ion:248 Resp: 38692
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.9 115.3#
 141 433.9 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: 14.19 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

Instrument :

BNA_F

ClientSampleId :

CHRT-27245

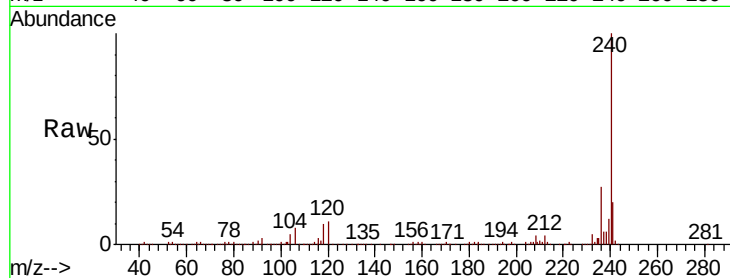
Tot Ion:240 Resp: 565734

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

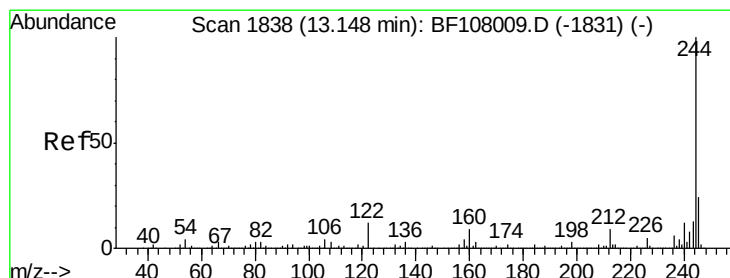
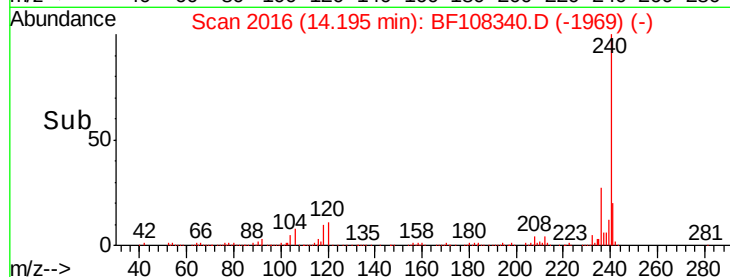
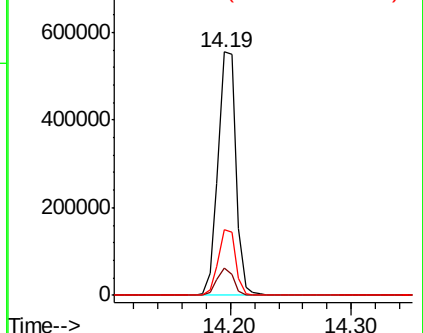
236 26.9 20.7 31.1



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: 117.445 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108340.D

Acq: 21 Aug 2018 15:44

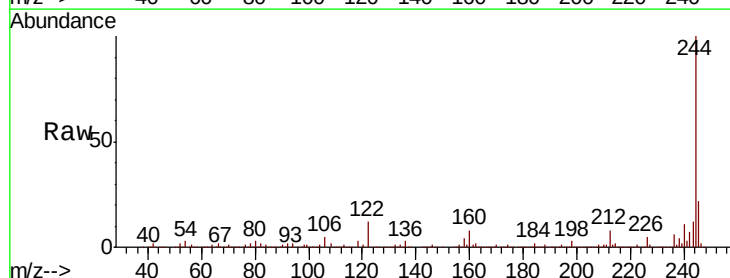
Tgt Ion:244 Resp: 2613206

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

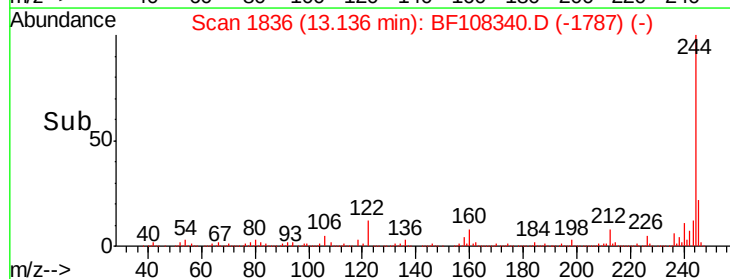
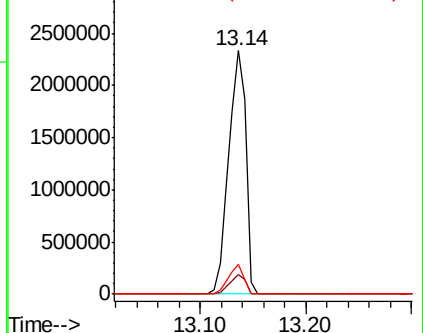
122 12.3 11.0 16.4

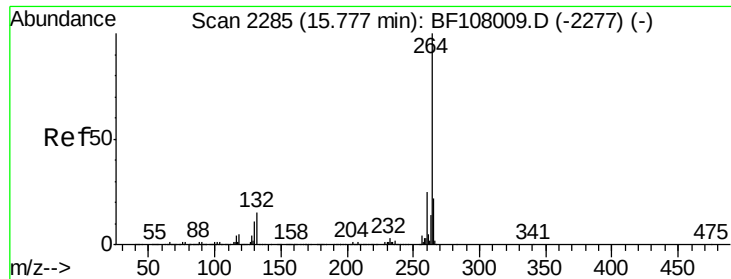


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108340.D
Acq: 21 Aug 2018 15:44

Instrument :
BNA_F
ClientSampleId :
CHRT-27245

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	17.5	26.3

