

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108228.D
 Acq On : 17 Aug 2018 6:27
 Operator : JU/SJ
 Sample : J4504-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-S

Quant Time: Aug 17 07:27:08 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	174439	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	648142	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	320385	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	589035	20.00	ng	0.00
75) Chrysene-d12	14.21	240	459450	20.00	ng	-0.01
86) Perylene-d12	15.77	264	370313	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	402051	41.73	ng	0.00
7) Phenol-d6	6.62	99	329523	25.74	ng	0.00
23) Nitrobenzene-d5	7.58	82	1131974	97.46	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	302334	94.60	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2059998	103.23	ng	0.00
78) Terphenyl-d14	13.15	244	1894269	104.83	ng	0.00

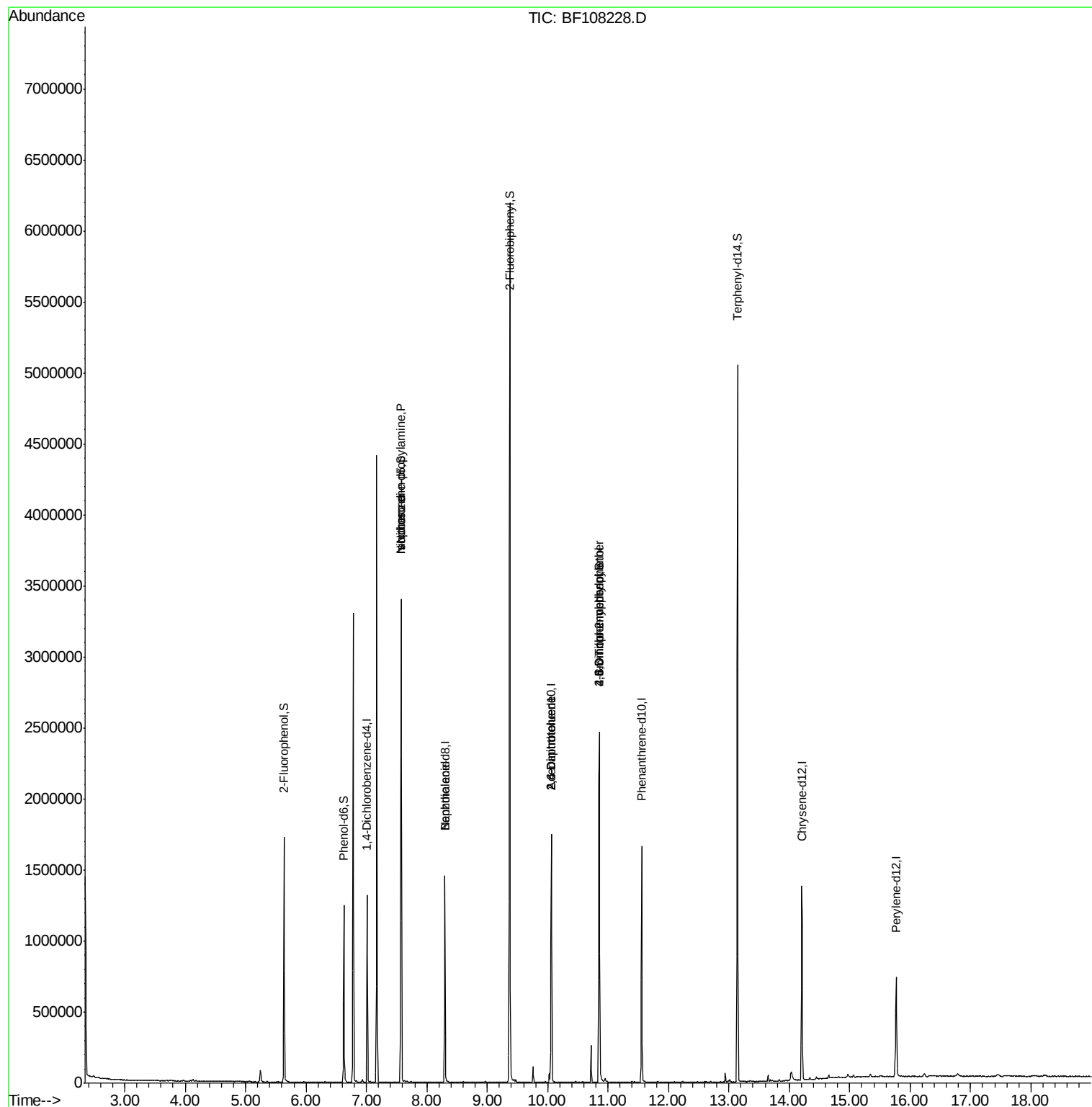
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	155530	17.963	ng	# 84
25) Isophorone	7.58	82	1131964	51.130	ng	# 64
32) Benzoic acid	8.30	122	136	5.995	ng	# 1
50) 2,6-Dinitrotoluene	10.06	165	41720	8.935	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	41720	6.942	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	711	5.644	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	19574	3.058	ng	# 1

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

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108228.D
Acq On : 17 Aug 2018 6:27
Operator : JU/SJ
Sample : J4504-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-D-S

Quant Time: Aug 17 07:27:08 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



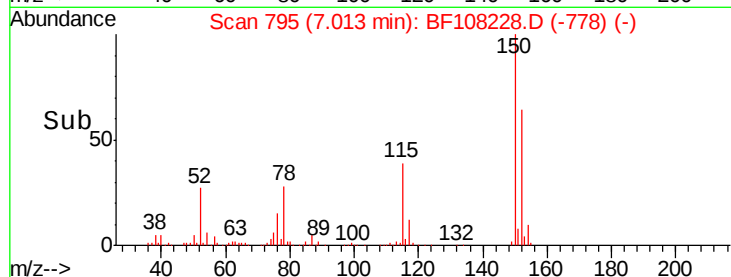
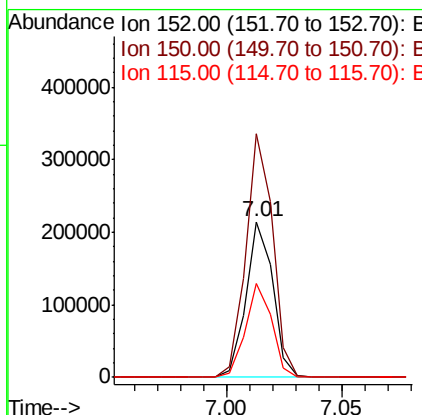
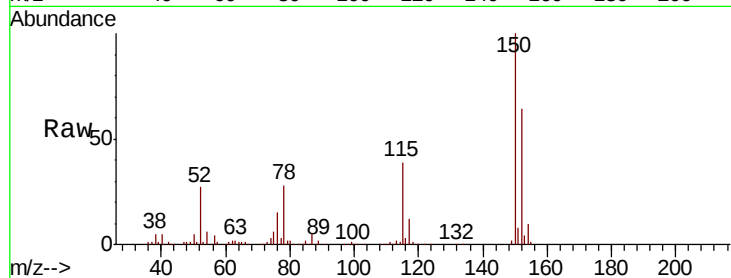


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108228.D
Acq: 17 Aug 2018 6:27

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-D-S

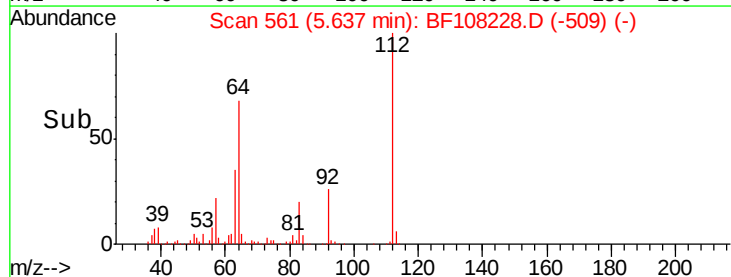
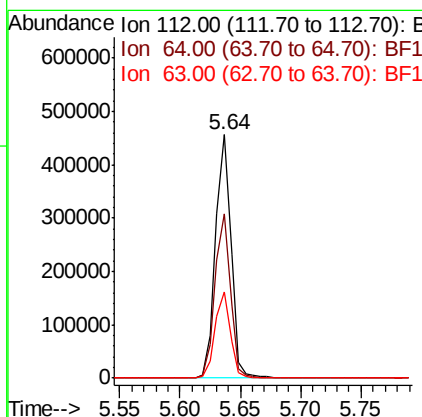
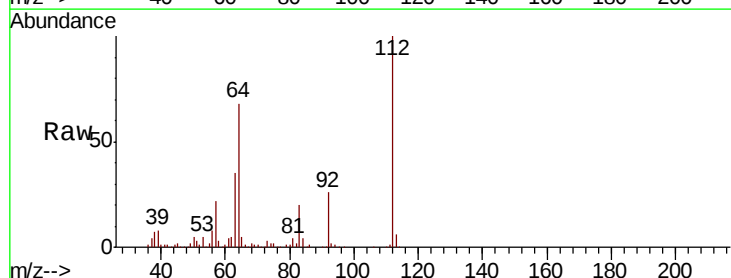
Tgt Ion:152 Resp: 174439
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.2 50.1 75.1



#5

2-Fluorophenol
Concen: 41.728 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108228.D
Acq: 17 Aug 2018 6:27

Tgt Ion:112 Resp: 402051
Ion Ratio Lower Upper
112 100
64 67.5 47.9 71.9
63 35.3 23.7 35.5





#7

Phenol-d6

Concen: 25.736 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108228.D

Acq: 17 Aug 2018 6:27

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-D-S

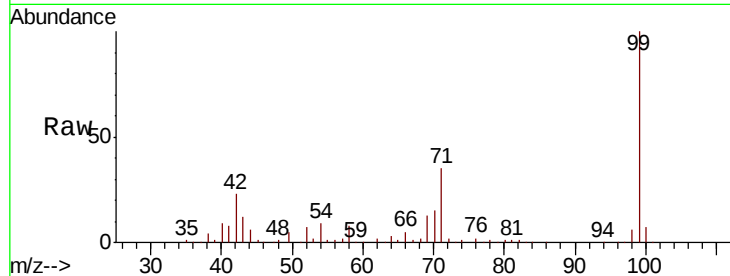
Tgt Ion: 99 Resp: 329523

Ion Ratio Lower Upper

99 100

42 23.0 14.5 21.7#

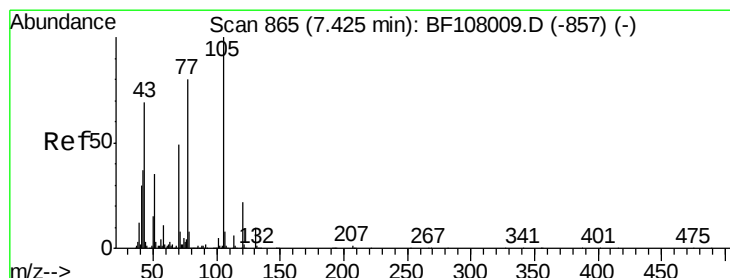
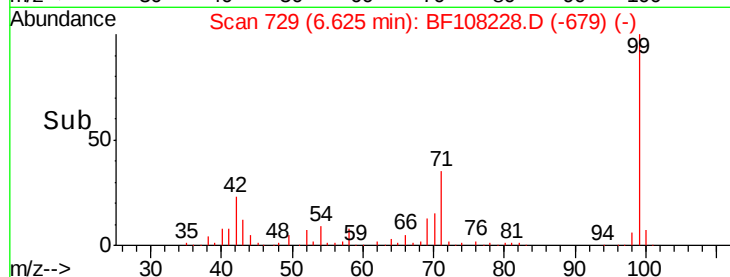
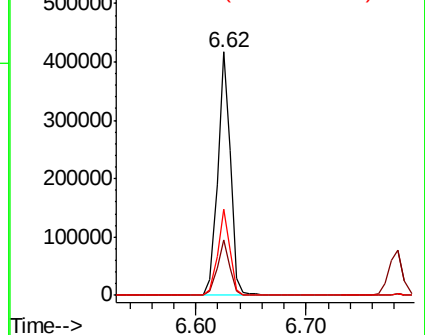
71 35.4 25.4 38.0



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: 17.963 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108228.D

Acq: 17 Aug 2018 6:27

Tgt Ion: 70 Resp: 155530

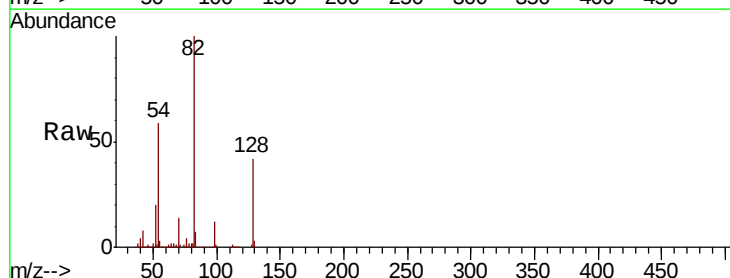
Ion Ratio Lower Upper

70 100

42 54.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

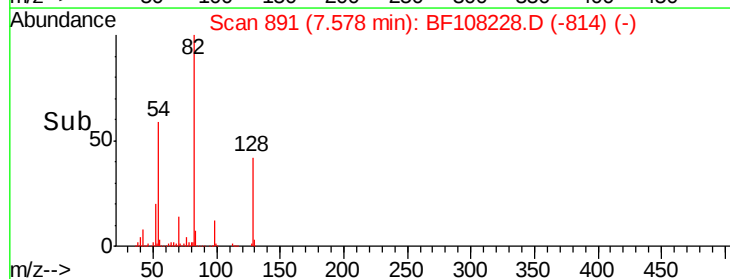
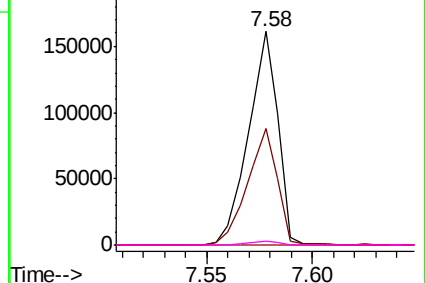


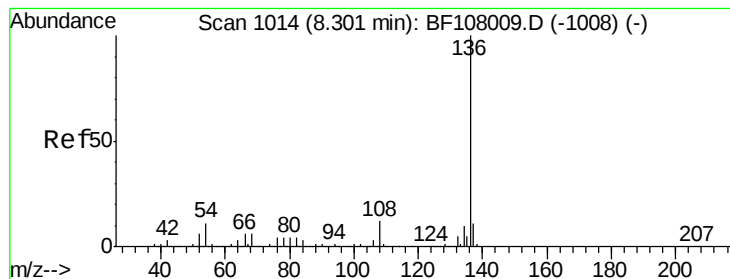
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108228.D

Acq: 17 Aug 2018 6:27

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-D-S

Tgt Ion:136 Resp: 648142

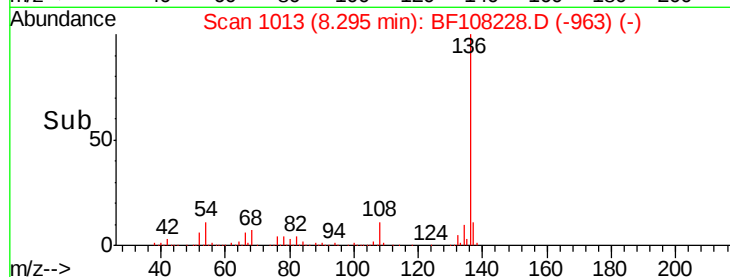
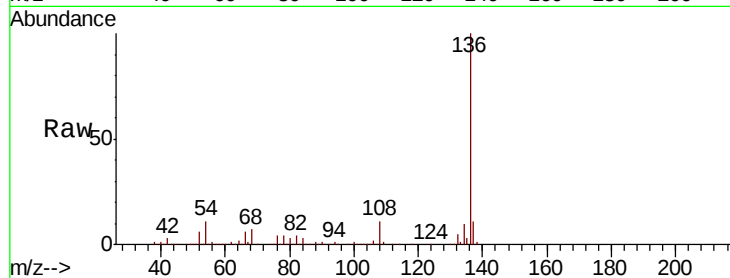
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.9 6.6 9.8#

68 6.7 5.0 7.4

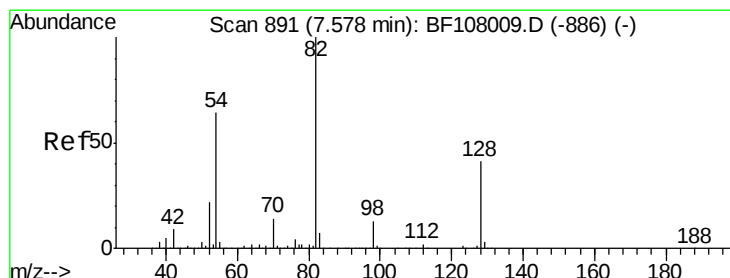
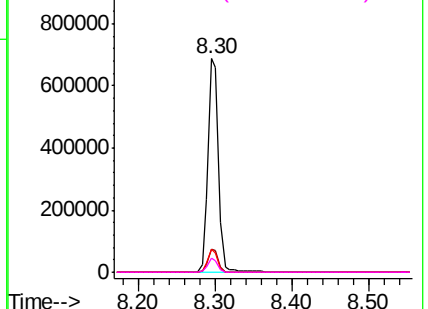


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 97.457 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108228.D

Acq: 17 Aug 2018 6:27

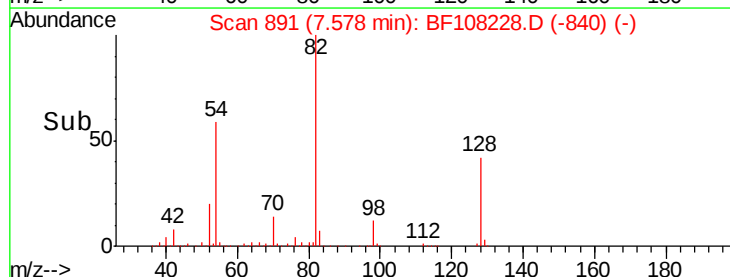
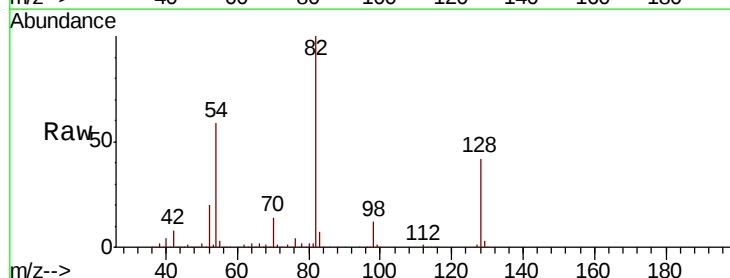
Tgt Ion: 82 Resp: 1131974

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

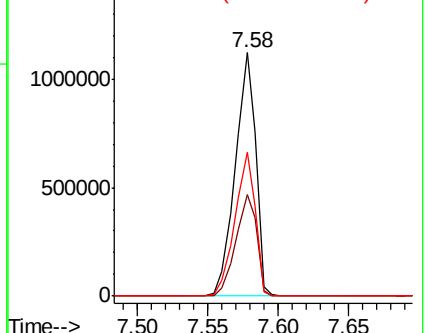
54 59.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.130 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108228.D

Acq: 17 Aug 2018 6:27

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-D-S

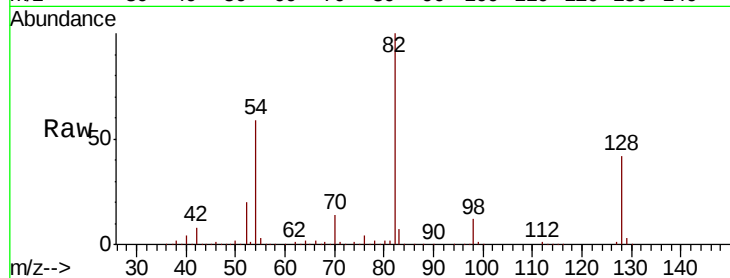
Tgt Ion: 82 Resp: 1131964

Ion Ratio Lower Upper

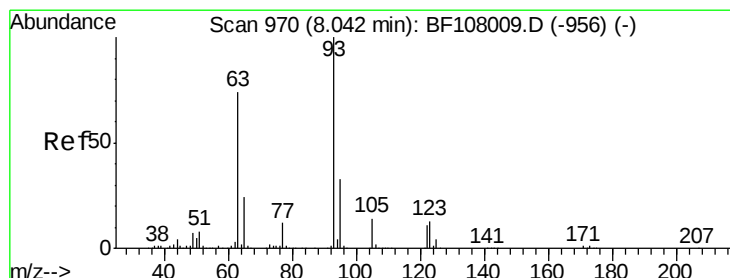
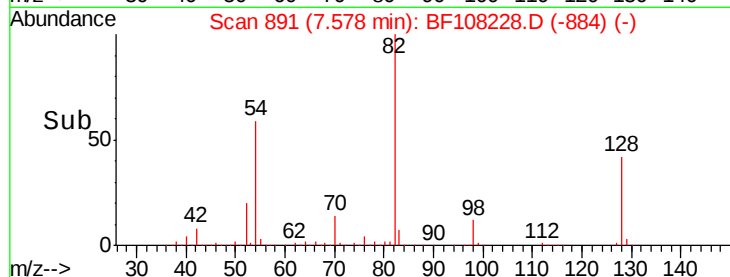
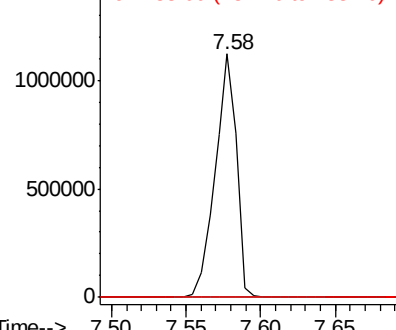
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 5.995 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.26 min

Lab File: BF108228.D

Acq: 17 Aug 2018 6:27

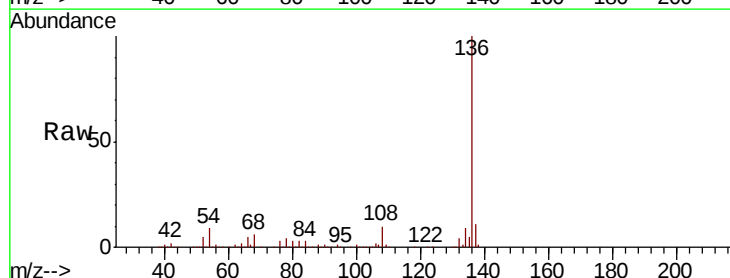
Tgt Ion: 122 Resp: 136

Ion Ratio Lower Upper

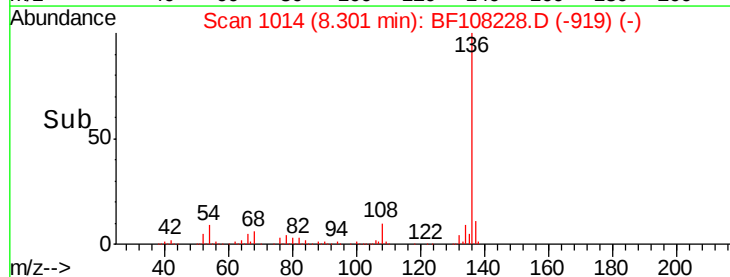
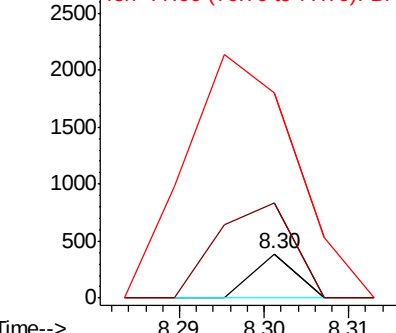
122 100

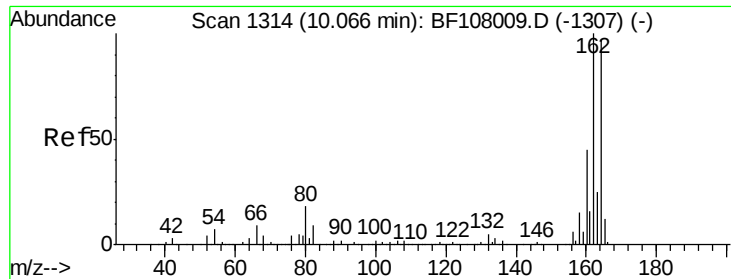
105 215.5 101.1 141.1#

77 464.1 70.7 110.7#



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

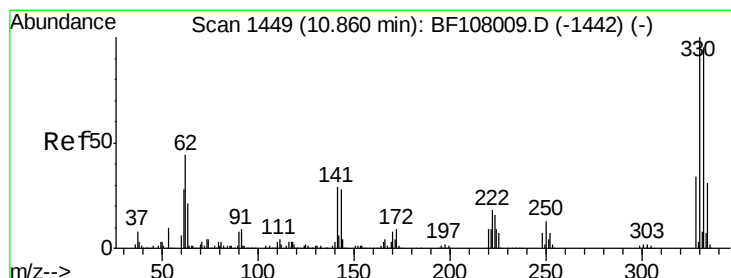
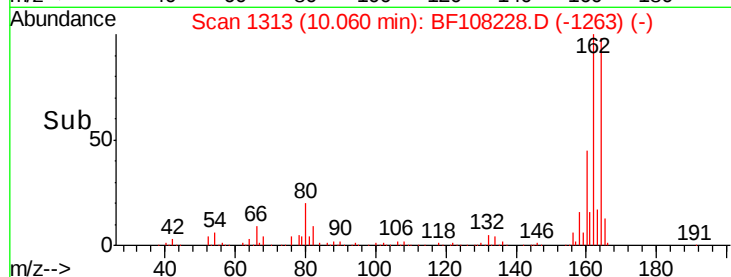
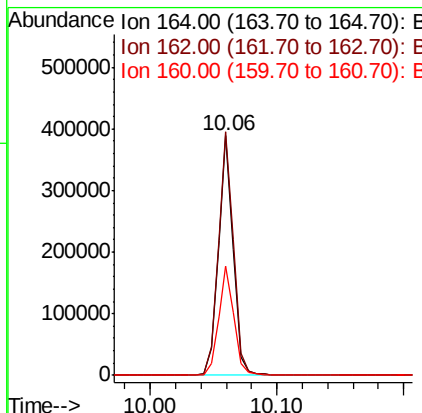
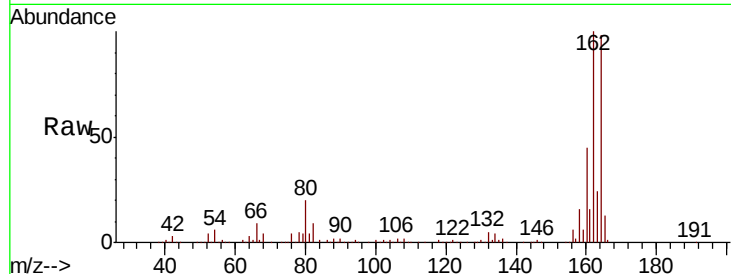




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

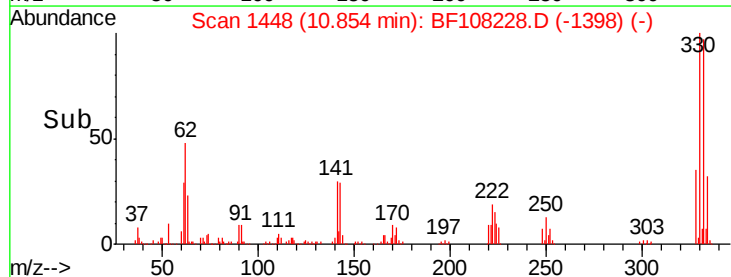
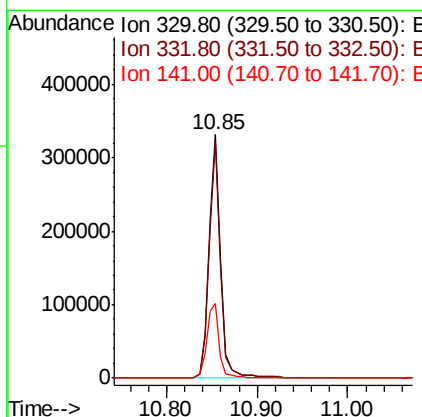
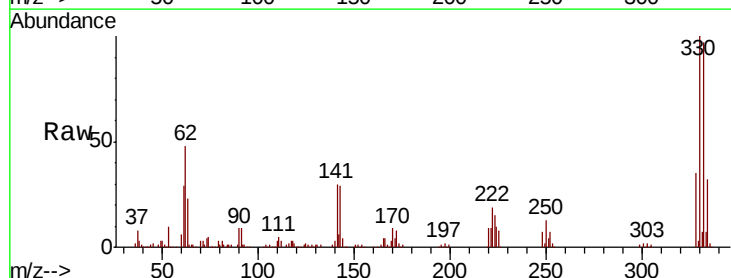
Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 94.605 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.4	29.9	44.9

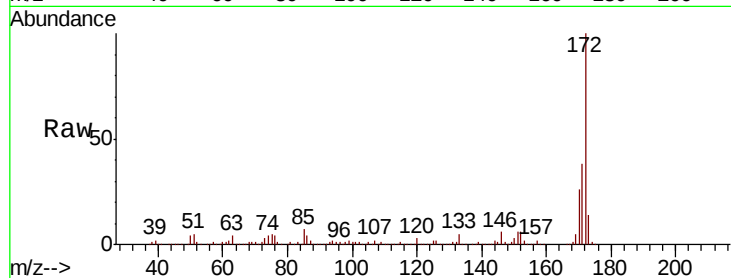




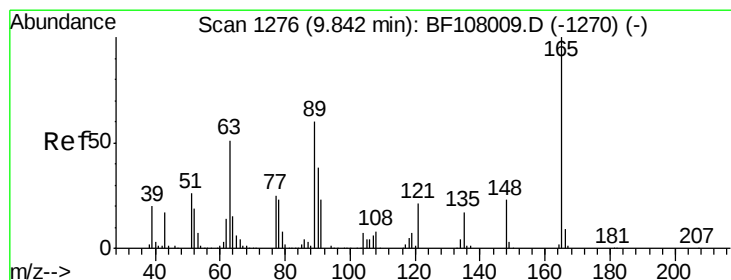
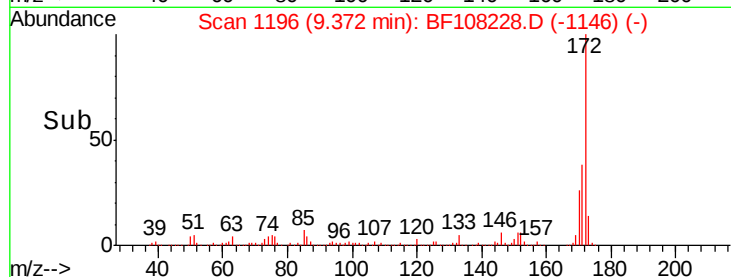
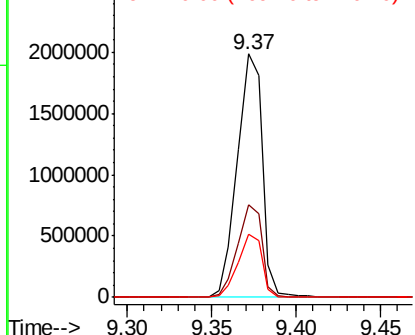
#44
 2-Fluorobiphenyl
 Concen: 103.228 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-S

Tgt Ion:172 Resp: 2059998
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.7 44.5
 170 25.7 19.6 29.4

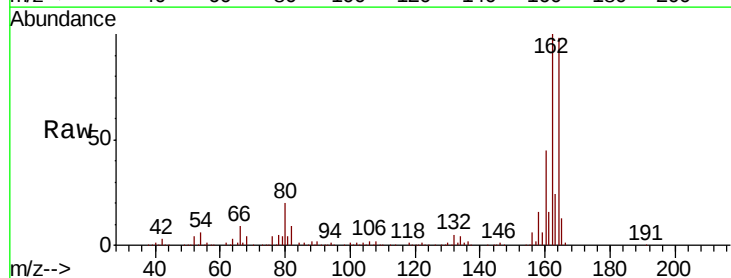


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

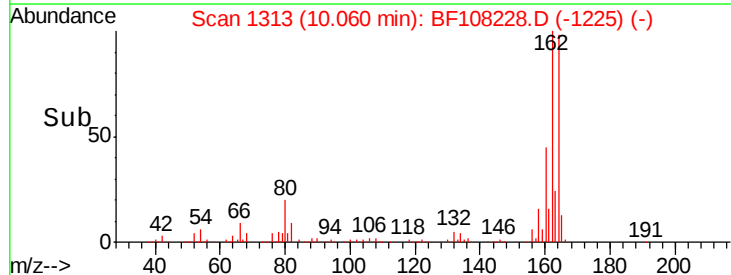
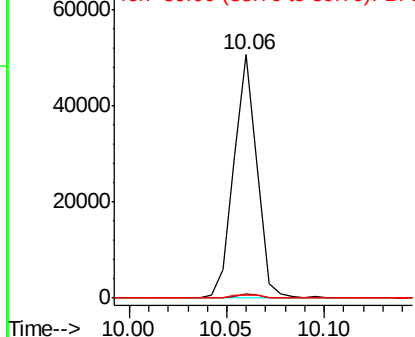


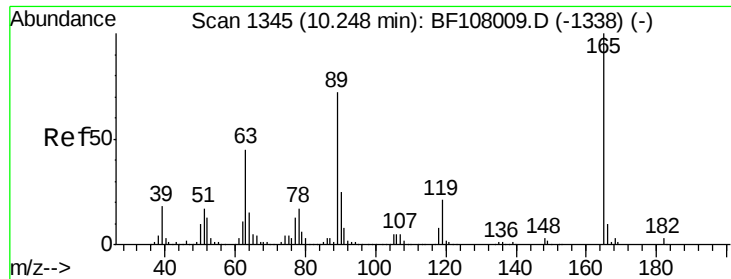
#50
 2,6-Dinitrotoluene
 Concen: 8.935 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

Tgt Ion:165 Resp: 41720
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.7 67.1#
 89 1.4 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

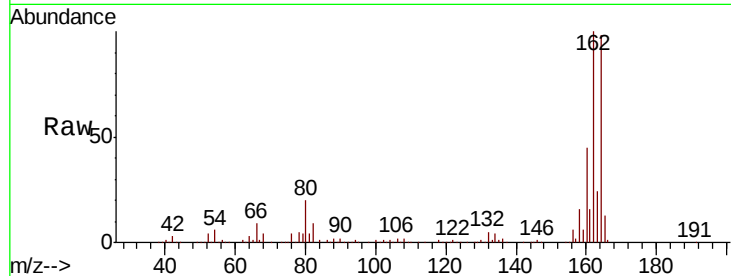




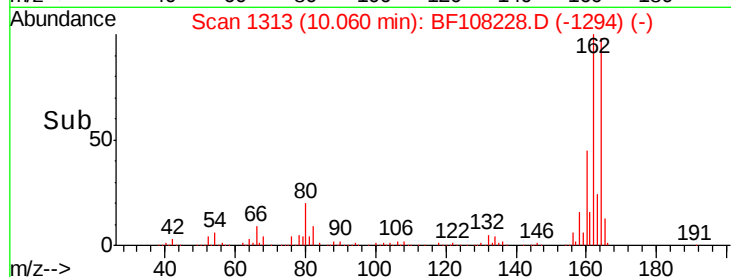
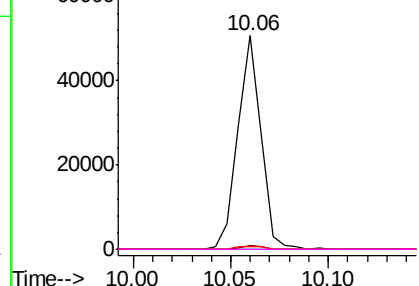
#56
 2,4-Dinitrotoluene
 Concen: 6.942 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-S

Tgt Ion:	165	Resp:	41720
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

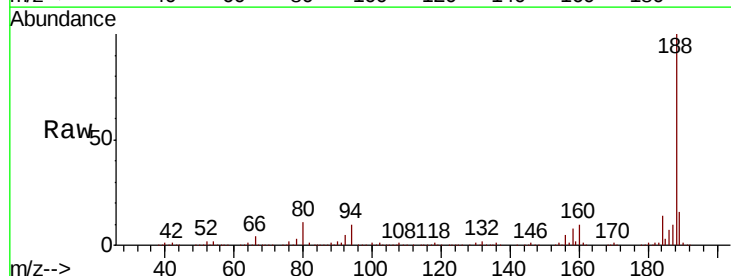


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

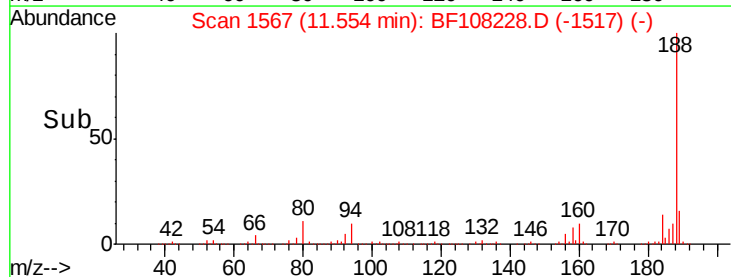
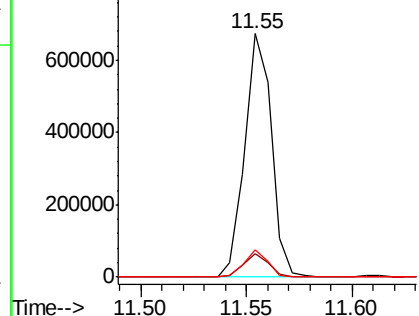


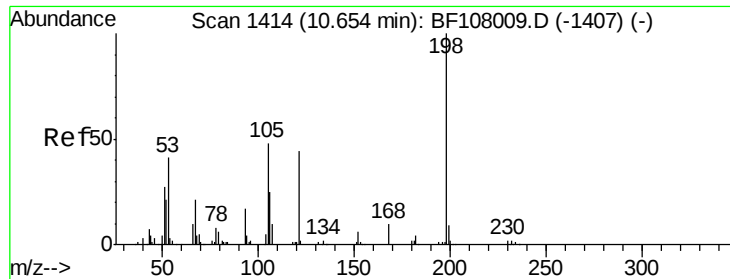
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

Tgt Ion:	188	Resp:	589035
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	11.0	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

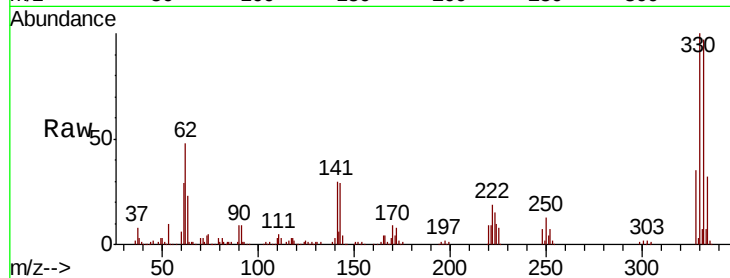




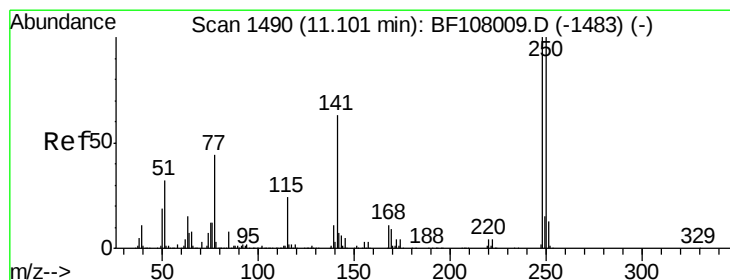
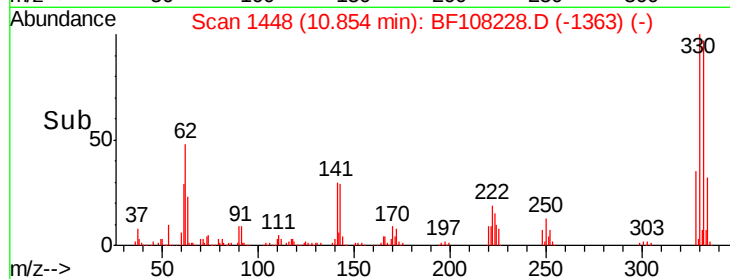
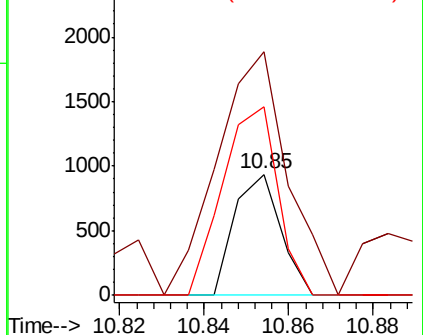
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.644 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-S

Tgt Ion:198 Resp: 711
 Ion Ratio Lower Upper
 198 100
 51 200.7 37.7 77.7#
 105 155.6 36.3 76.3#

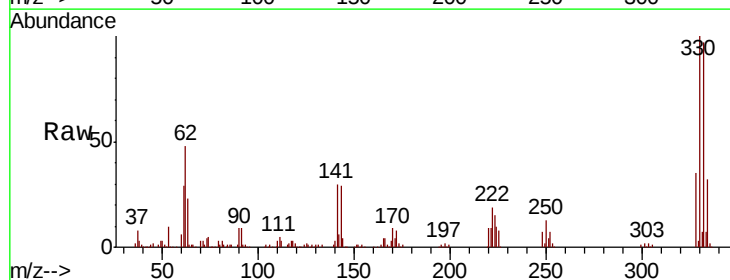


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

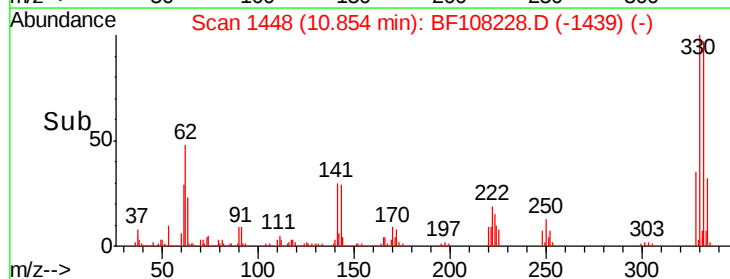
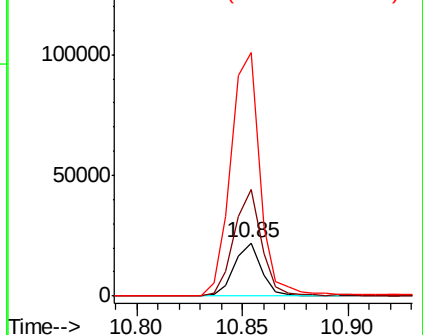


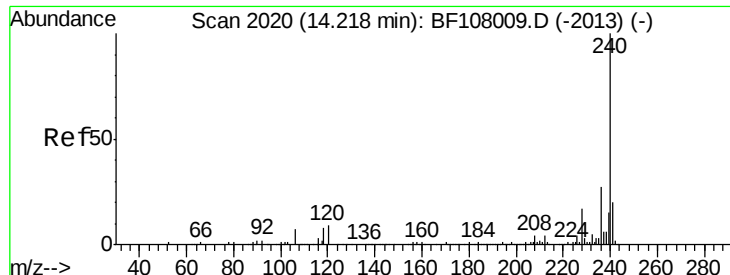
#66
 4-Bromophenyl-phenylether
 Concen: 3.058 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108228.D
 Acq: 17 Aug 2018 6:27

Tgt Ion:248 Resp: 19574
 Ion Ratio Lower Upper
 248 100
 250 202.9 76.9 115.3#
 141 460.6 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: BF108228.D

Acq: 17 Aug 2018 6:27

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-D-S

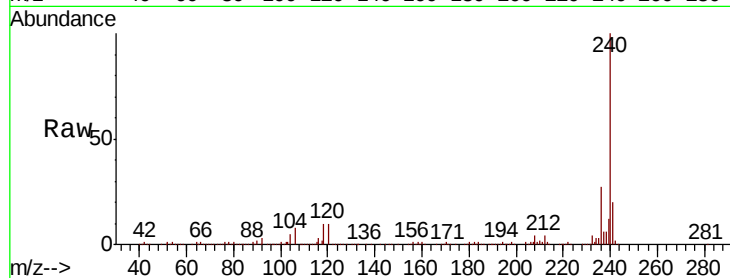
Tgt Ion:240 Resp: 459450

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

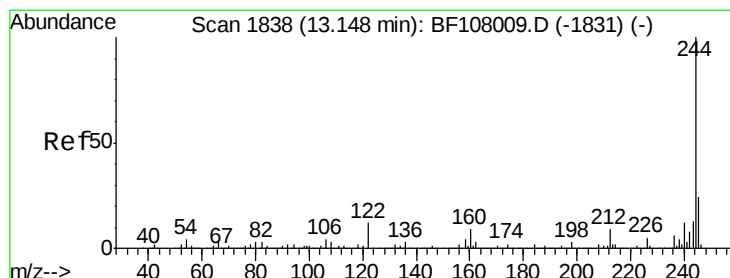
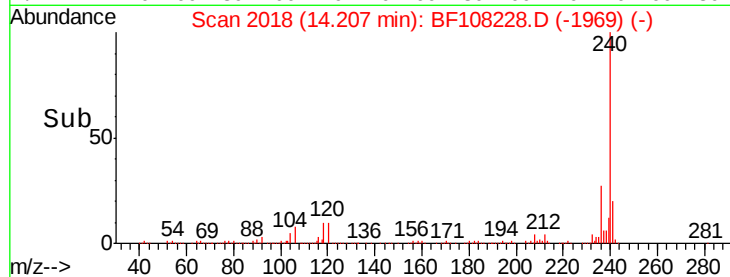
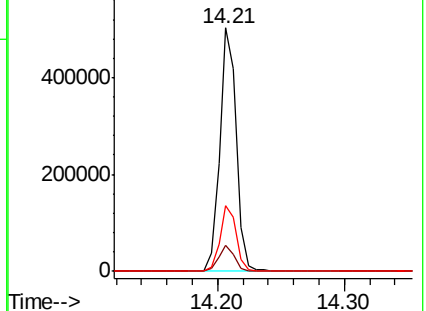
236 27.0 20.7 31.1



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: 104.828 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108228.D

Acq: 17 Aug 2018 6:27

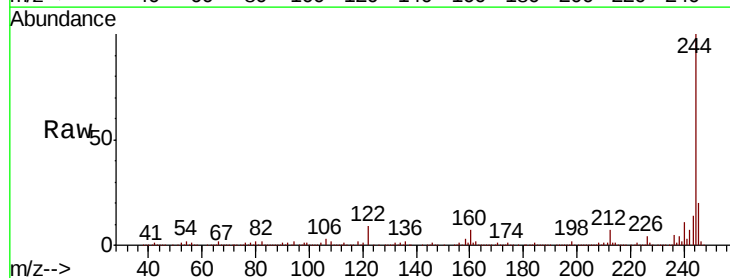
Tgt Ion:244 Resp: 1894269

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

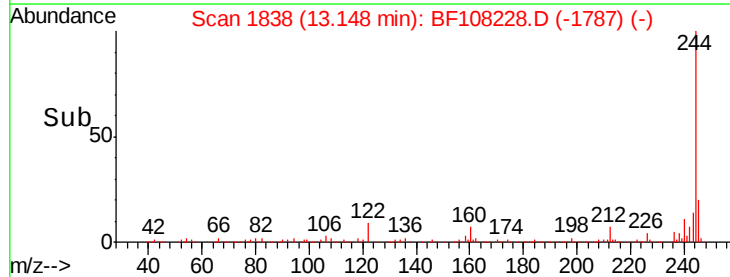
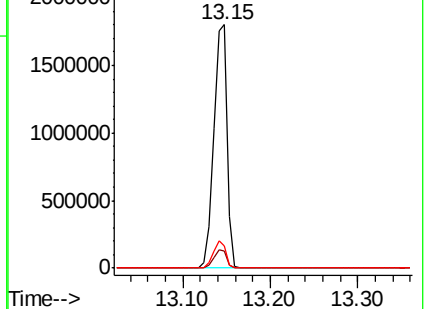
122 9.3 11.0 16.4#

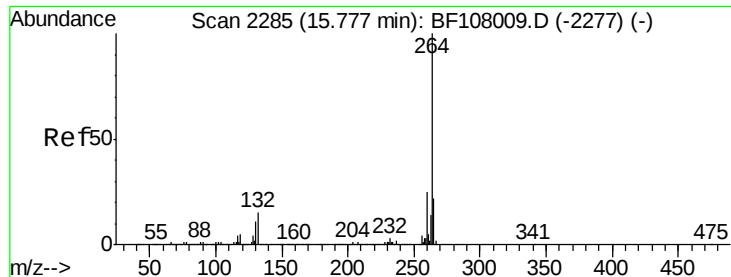


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108228.D
Acq: 17 Aug 2018 6:27

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.5	26.3

