

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104658.D
 Acq On : 20 Apr 2018 4:40
 Operator : JU/SJ
 Sample : PB108328BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 05:22:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	130616	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	531241	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	225108	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	338315	20.00	ng	0.00
75) Chrysene-d12	13.97	240	262399	20.00	ng	-0.01
86) Perylene-d12	15.44	264	198290	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	652696	76.41	ng	0.00
7) Phenol-d6	6.44	99	777420	74.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	693055	85.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	157613	67.50	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1211389	85.01	ng	0.00
78) Terphenyl-d14	12.92	244	893493	77.63	ng	0.00

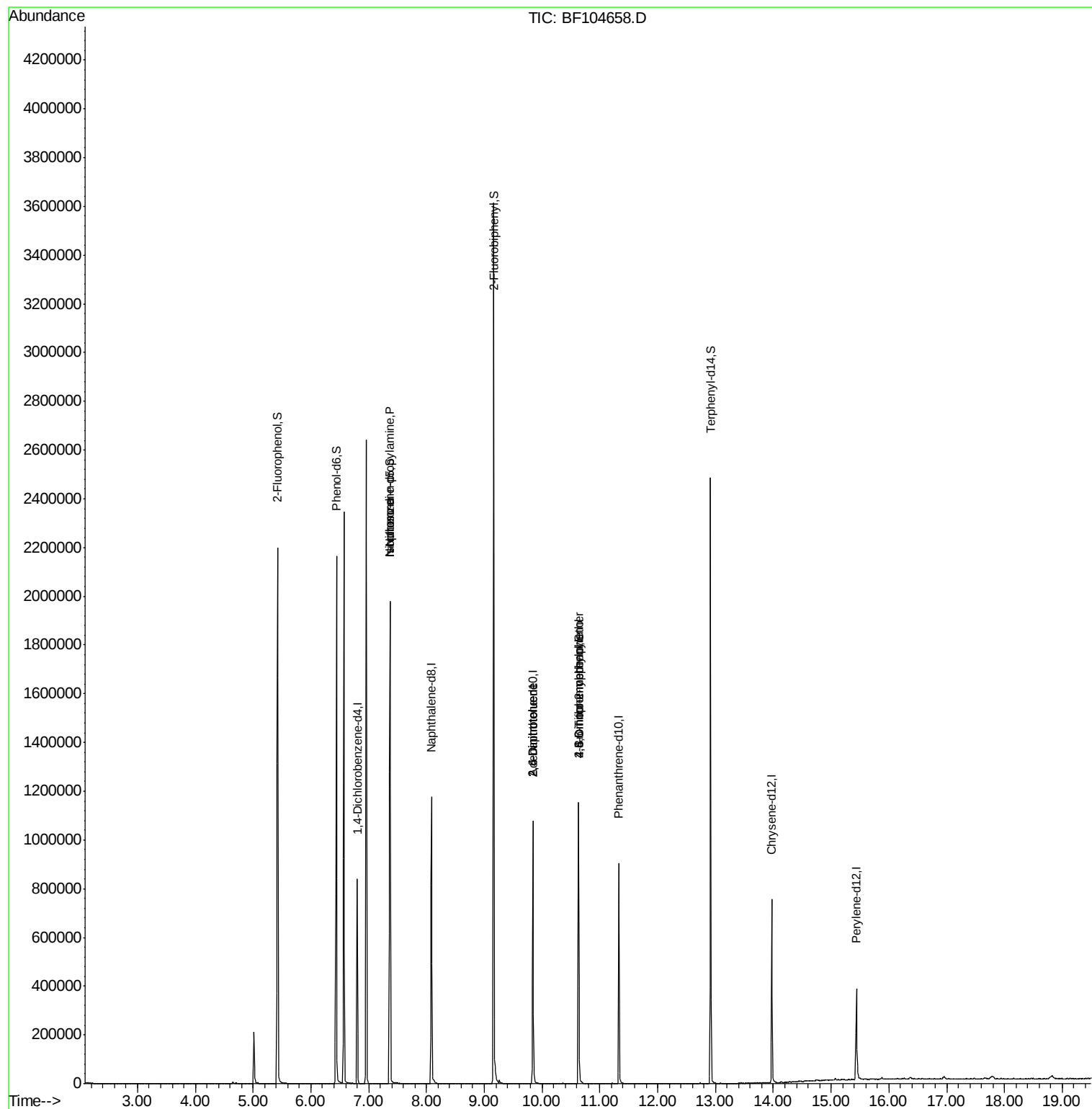
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	983	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	90719	13.227	ng	# 72
25) Isophorone	7.37	82	690060	40.111	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	28889	8.795	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	28889	6.705	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	302	7.502	ng	# 18
66) 4-Bromophenyl-phenylether	10.63	248	9455	2.627	ng	# 1
76) Benzydine	12.92	184	10849	Below Cal	#	96

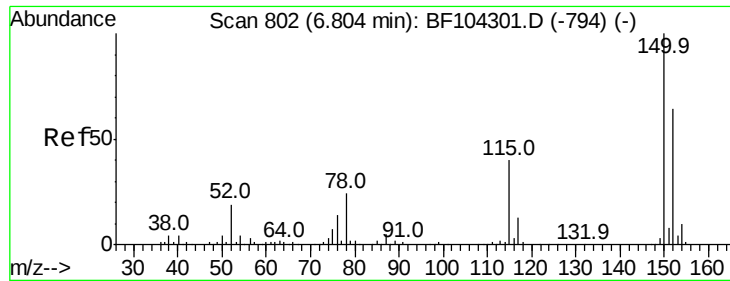
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104658.D
Acq On : 20 Apr 2018 4:40
Operator : JU/SJ
Sample : PB108328BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 05:22:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration



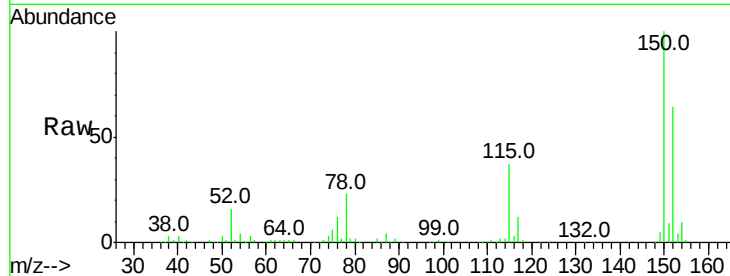


#1

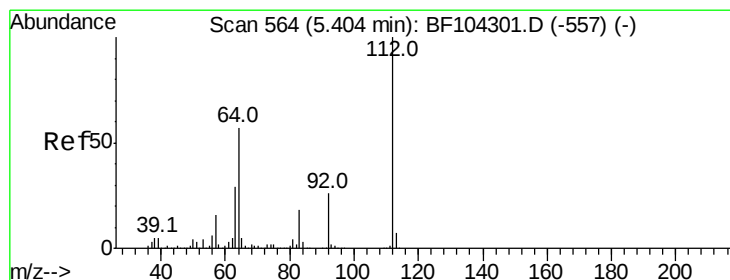
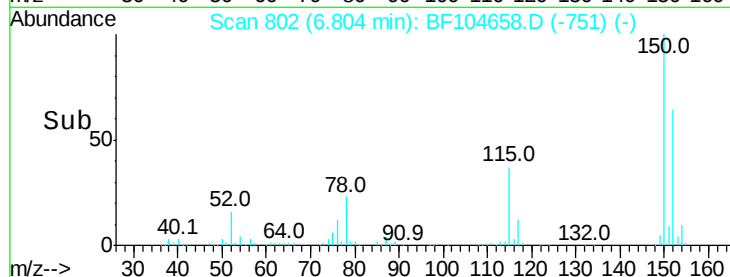
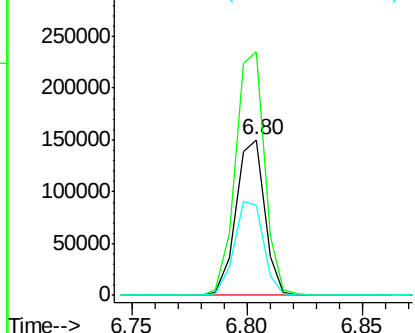
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104658.D
Acq: 20 Apr 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130616
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.3 50.1 75.1



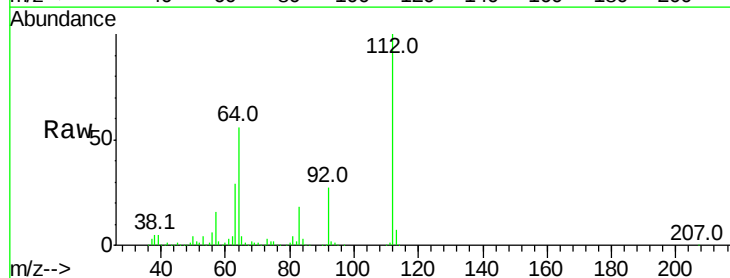
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



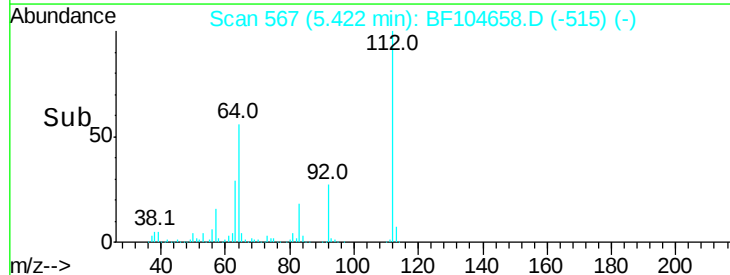
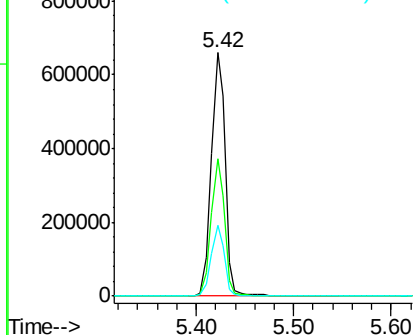
#5

2-Fluorophenol
Concen: 76.408 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104658.D
Acq: 20 Apr 2018 4:40

Tgt Ion:112 Resp: 652696
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.0 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: 74.071 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

Instrument :

BNA_F

ClientSampled :

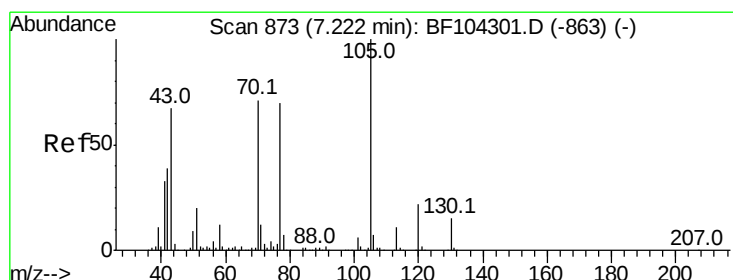
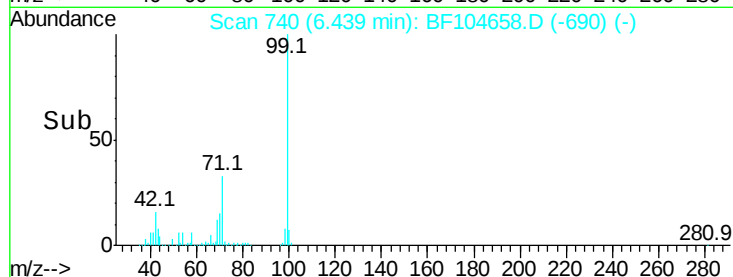
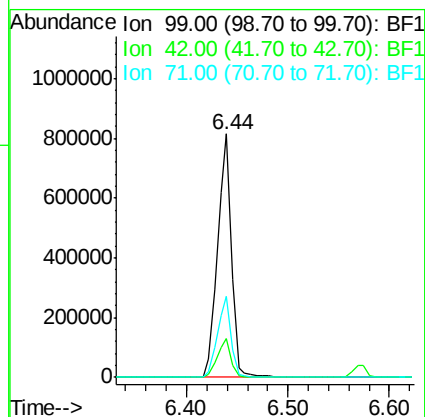
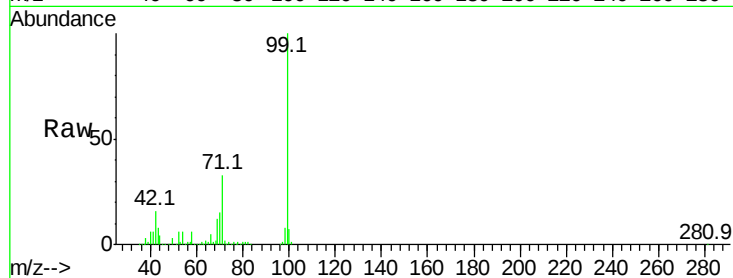
Tot Ion: 99 Resp: 777420

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 33.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.227 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

Tgt Ion: 70 Resp: 90719

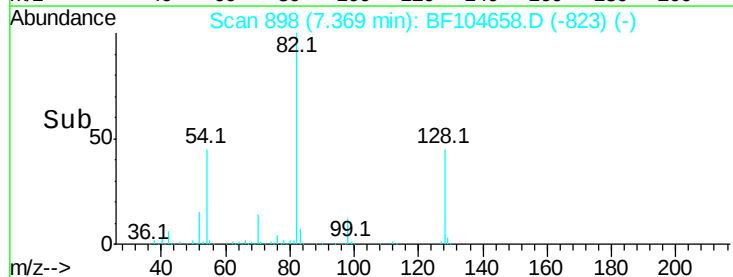
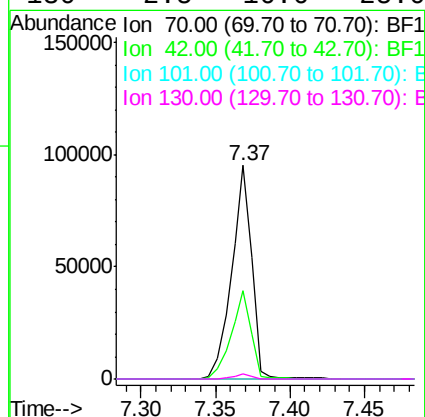
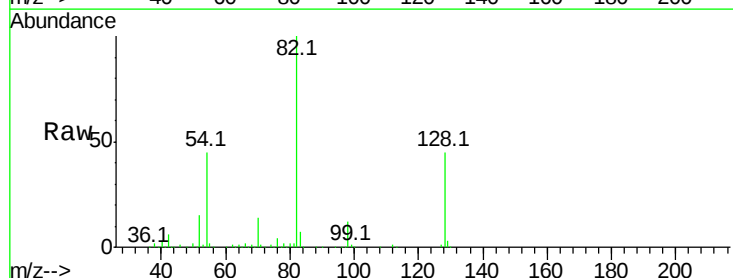
Ion Ratio Lower Upper

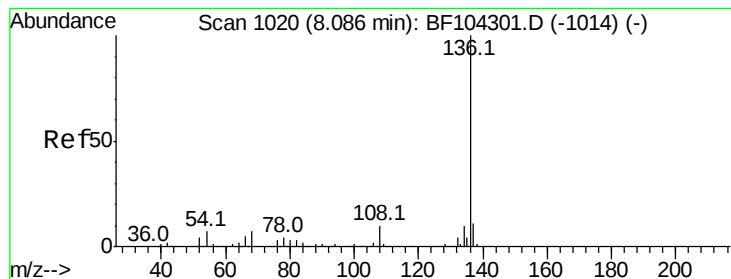
70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 531241

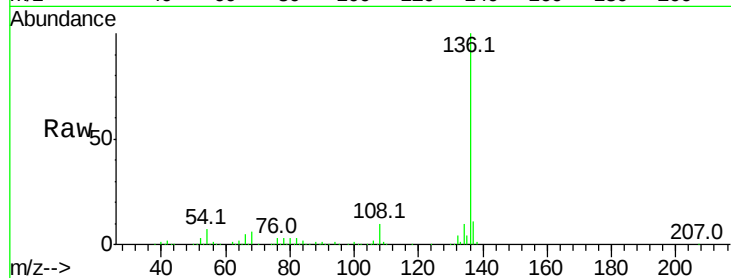
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.8 6.6 9.8

68 6.2 5.0 7.4

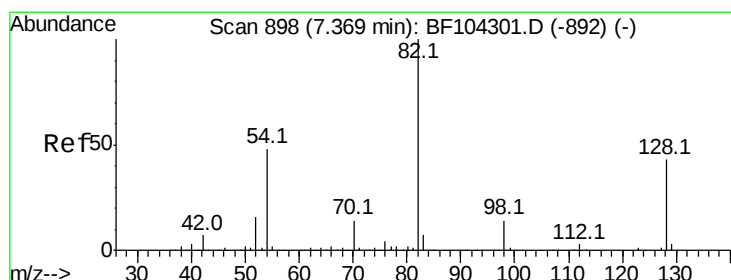
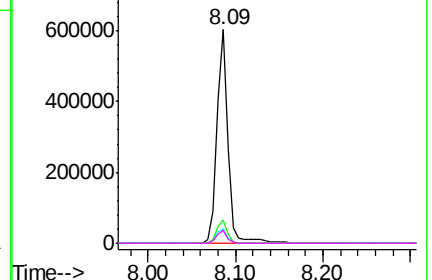
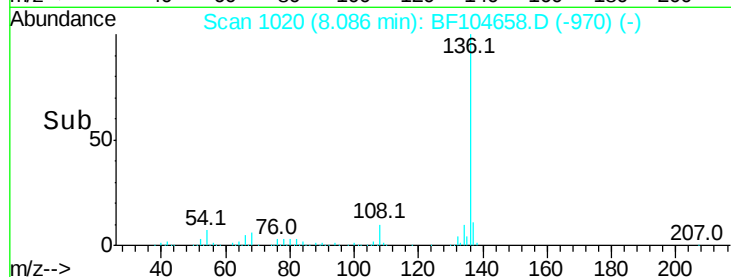


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.188 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

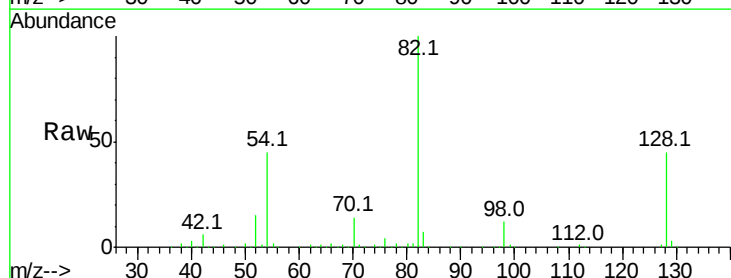
Tgt Ion: 82 Resp: 693055

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

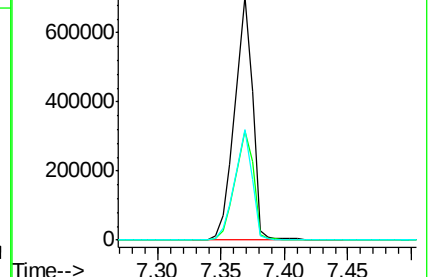
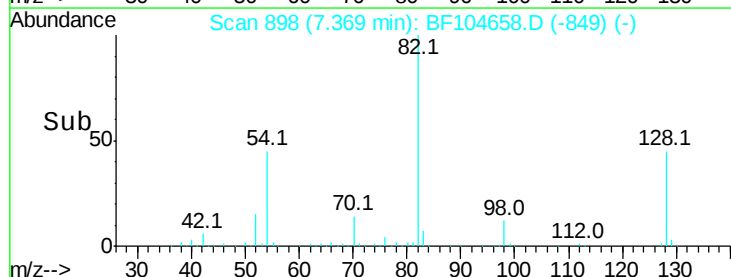
54 45.2 41.4 62.2

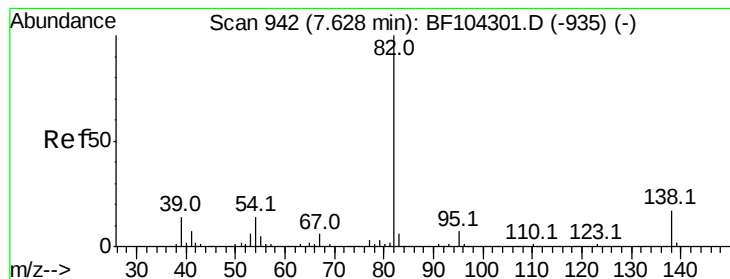


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.111 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

Instrument :

BNA_F

ClientSampled :

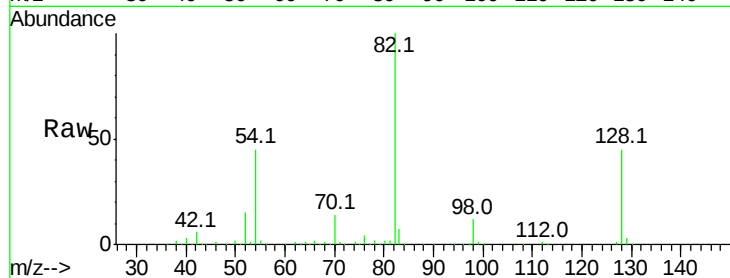
Tot Ion: 82 Resp: 690060

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

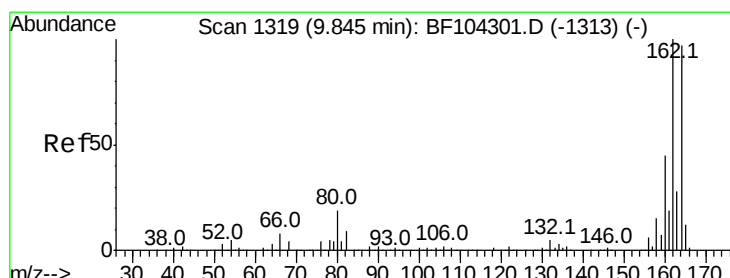
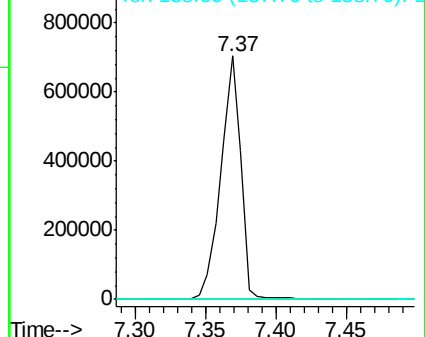
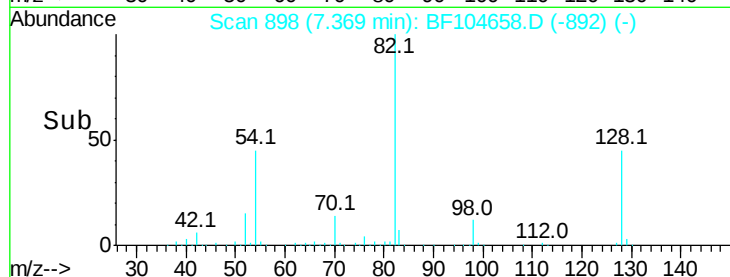
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

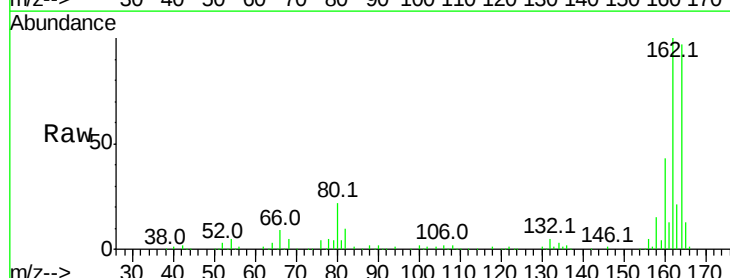
Tgt Ion: 164 Resp: 225108

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

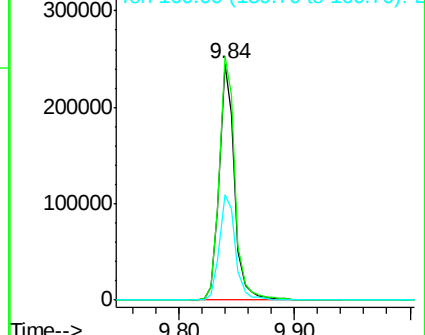
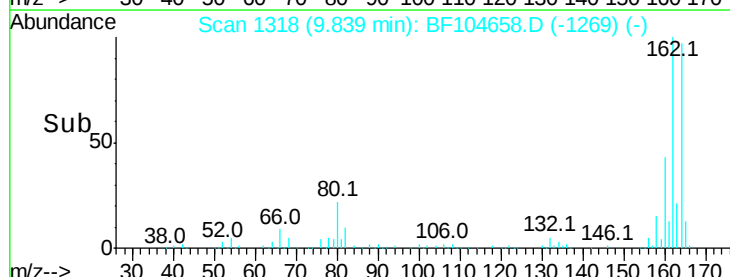
160 44.4 38.3 57.5

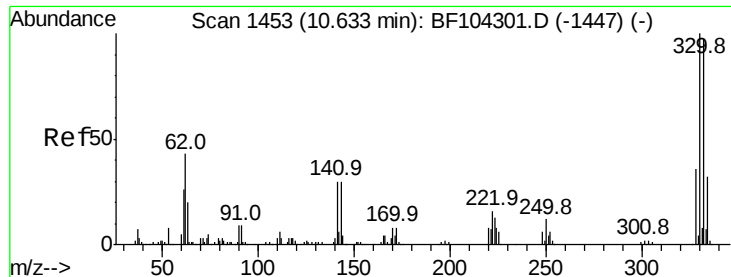


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

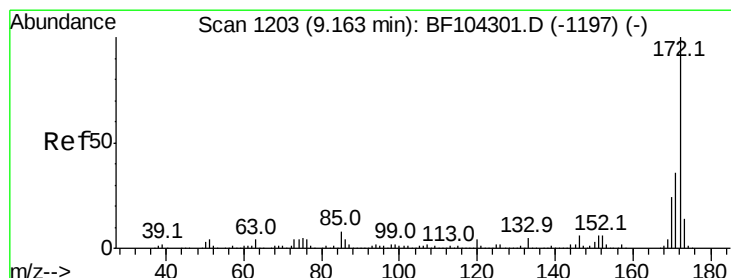
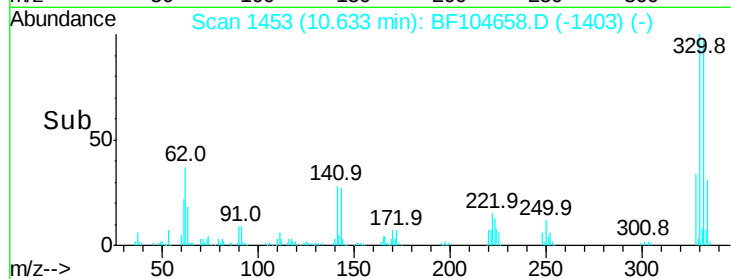
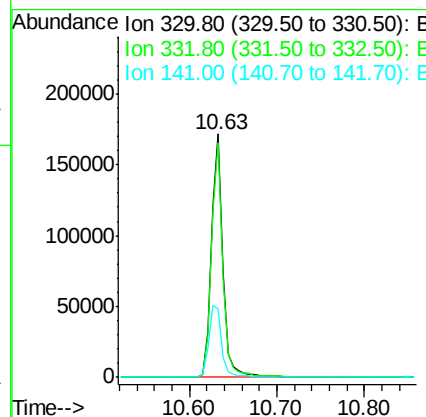
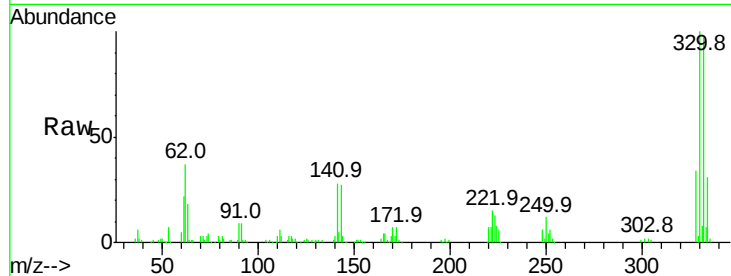




#41
 2,4,6-Tribromophenol
 Concen: 67.497 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

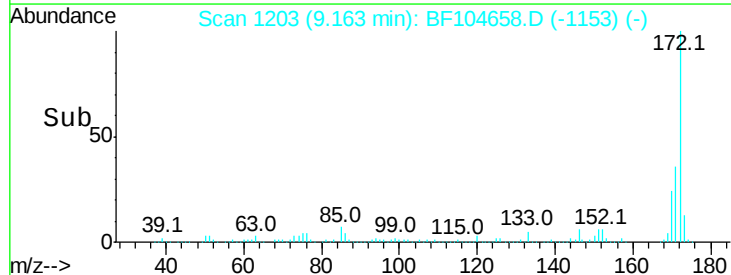
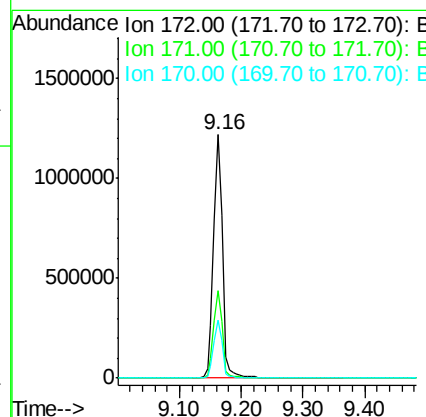
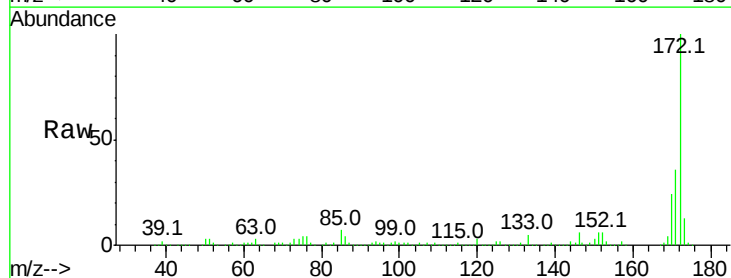
Instrument :
 BNA_F
 ClientSampleId :

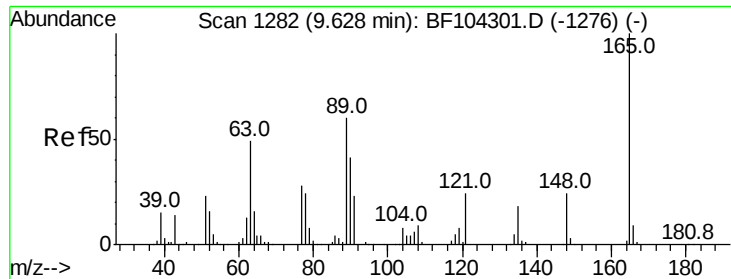
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.012 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

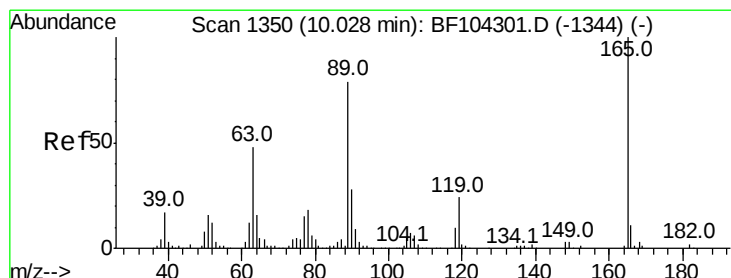
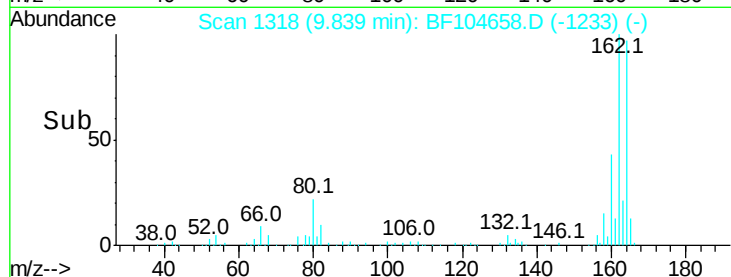
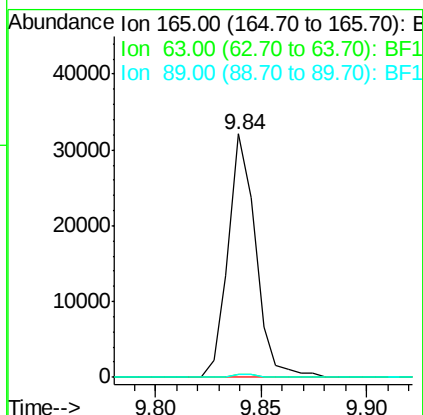
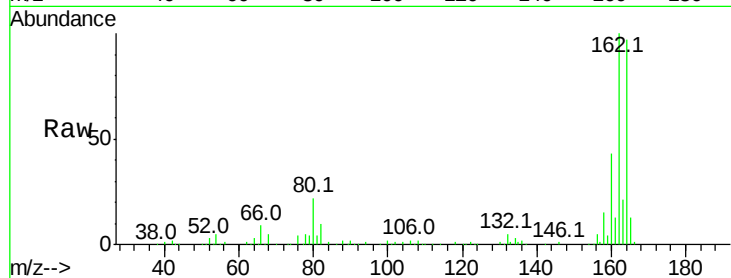




#50
 2,6-Dinitrotoluene
 Concen: 8.795 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

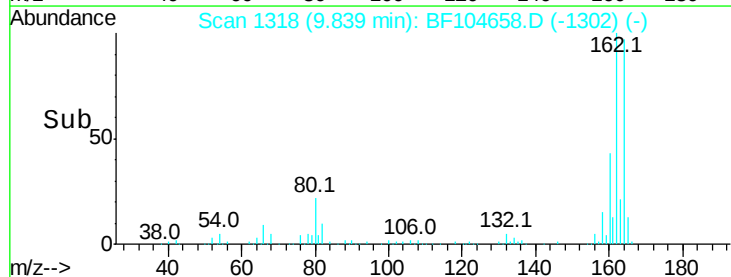
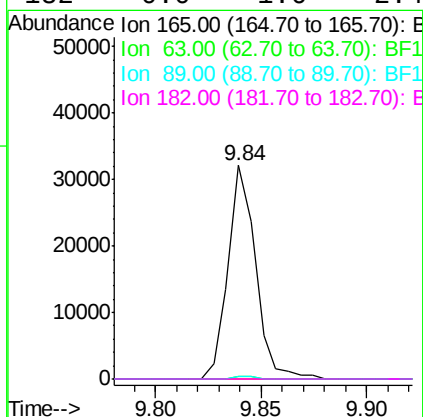
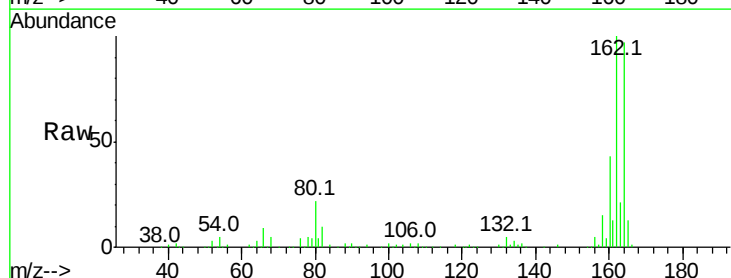
Instrument :
 BNA_F
 ClientSampleId :

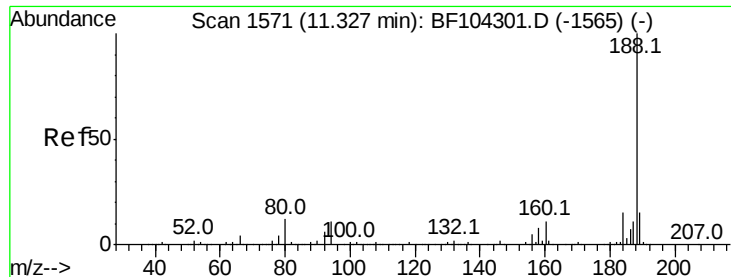
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.705 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

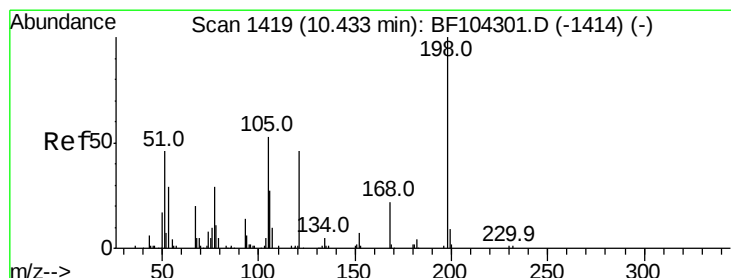
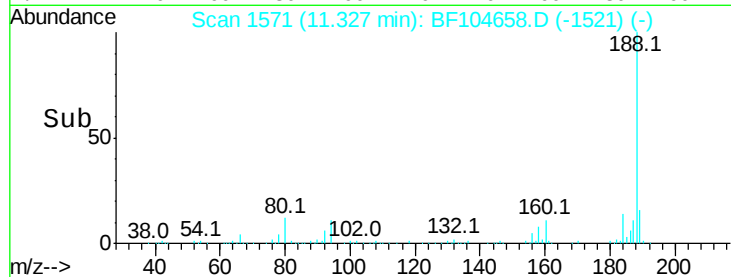
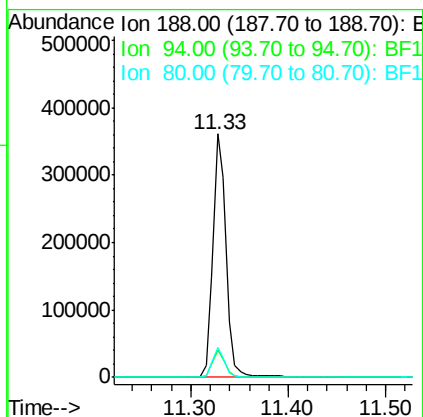
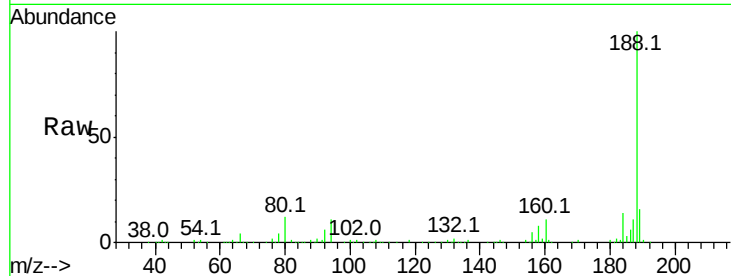




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104658.D
Acq: 20 Apr 2018 4:40

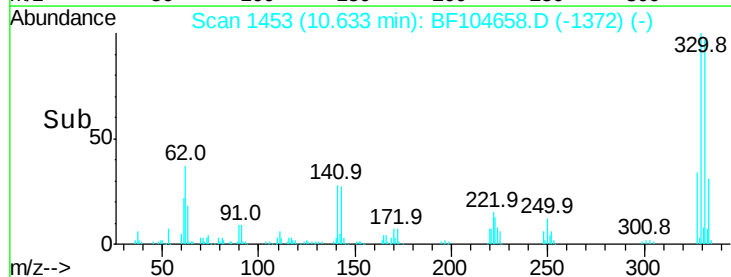
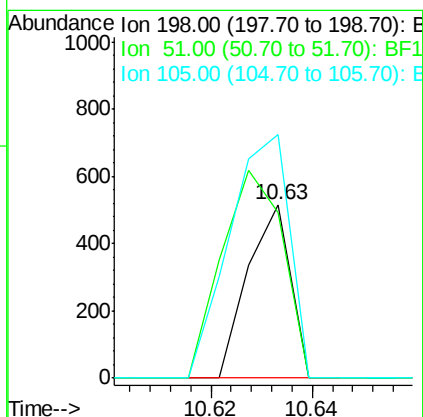
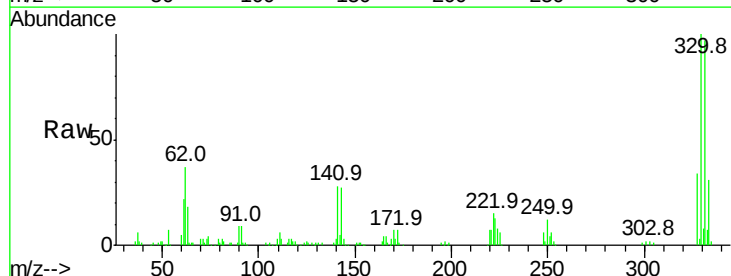
Instrument :
BNA_F
ClientSampled :

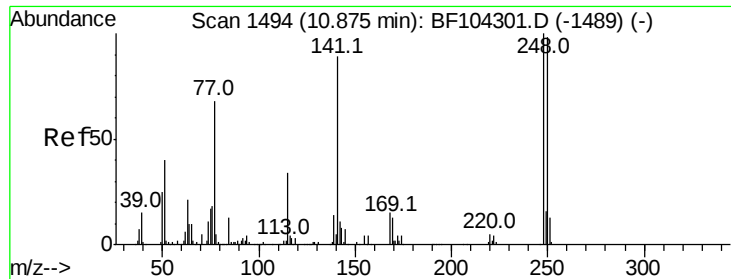
Tot Ion:188 Resp: 338315
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.502 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104658.D
Acq: 20 Apr 2018 4:40

Tgt Ion:198 Resp: 302
Ion Ratio Lower Upper
198 100
51 95.0 37.7 77.7#
105 140.2 36.3 76.3#

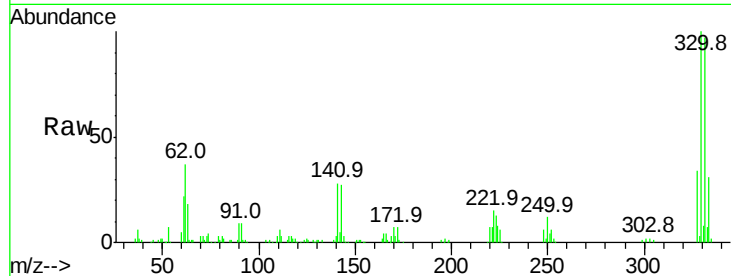




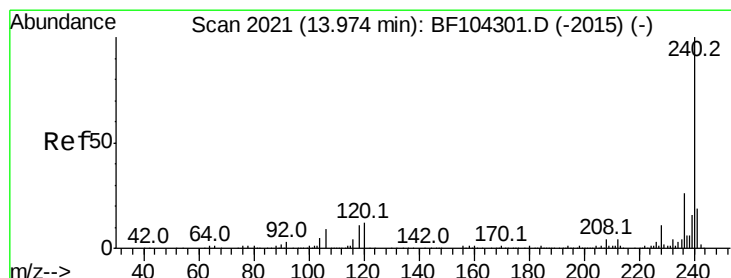
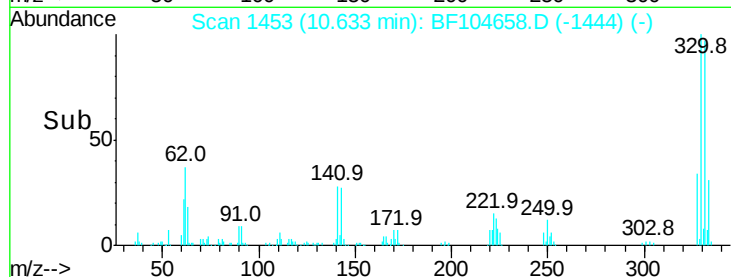
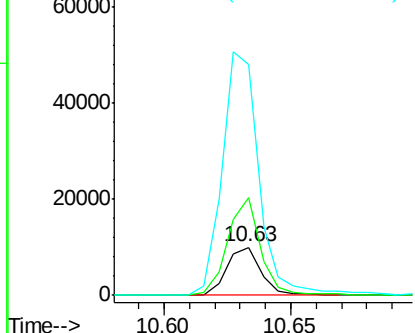
#66
 4-Bromophenyl-phenylether
 Concen: 2.627 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9455
 Ion Ratio Lower Upper
 248 100
 250 201.7 76.9 115.3#
 141 478.3 74.4 111.6#

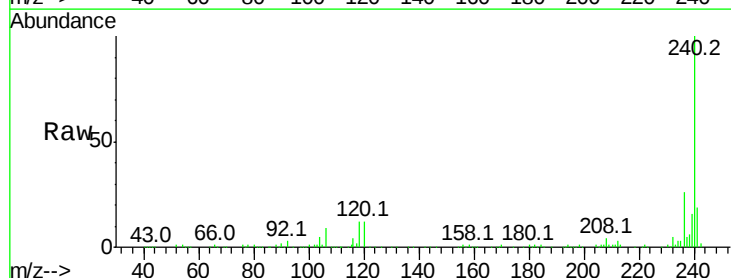


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

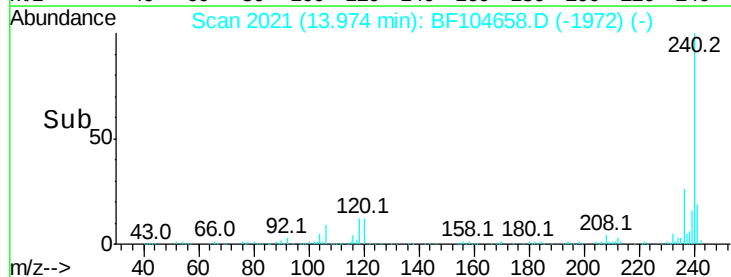
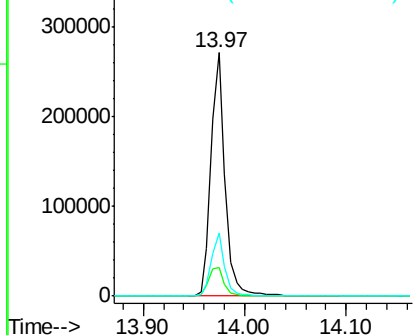


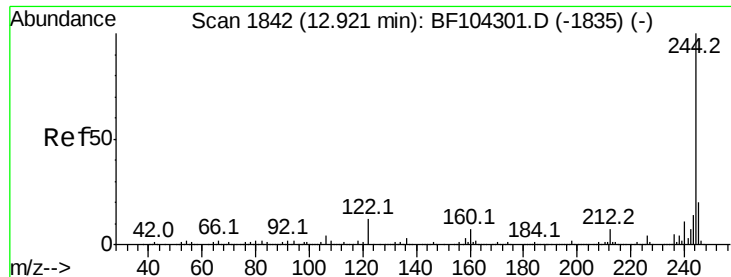
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion:240 Resp: 262399
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.9 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

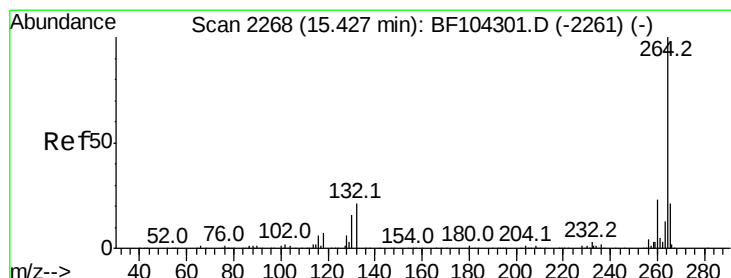
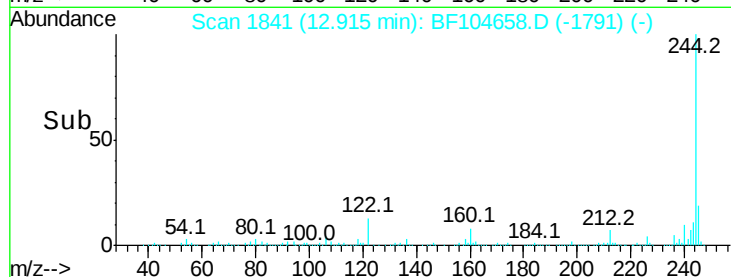
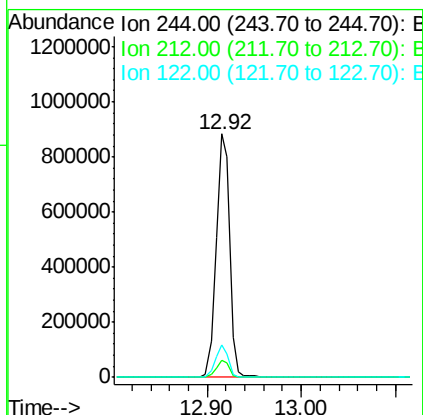
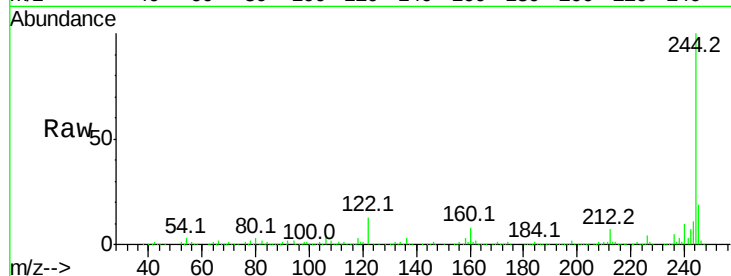




#78
 Terphenyl-d14
 Concen: 77.630 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 893493
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion:264 Resp: 198290
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.4 17.5 26.3

