

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094538.D
 Acq On : 20 Apr 2017 12:15
 Operator : SJ/MA
 Sample : PB98356BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:26:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

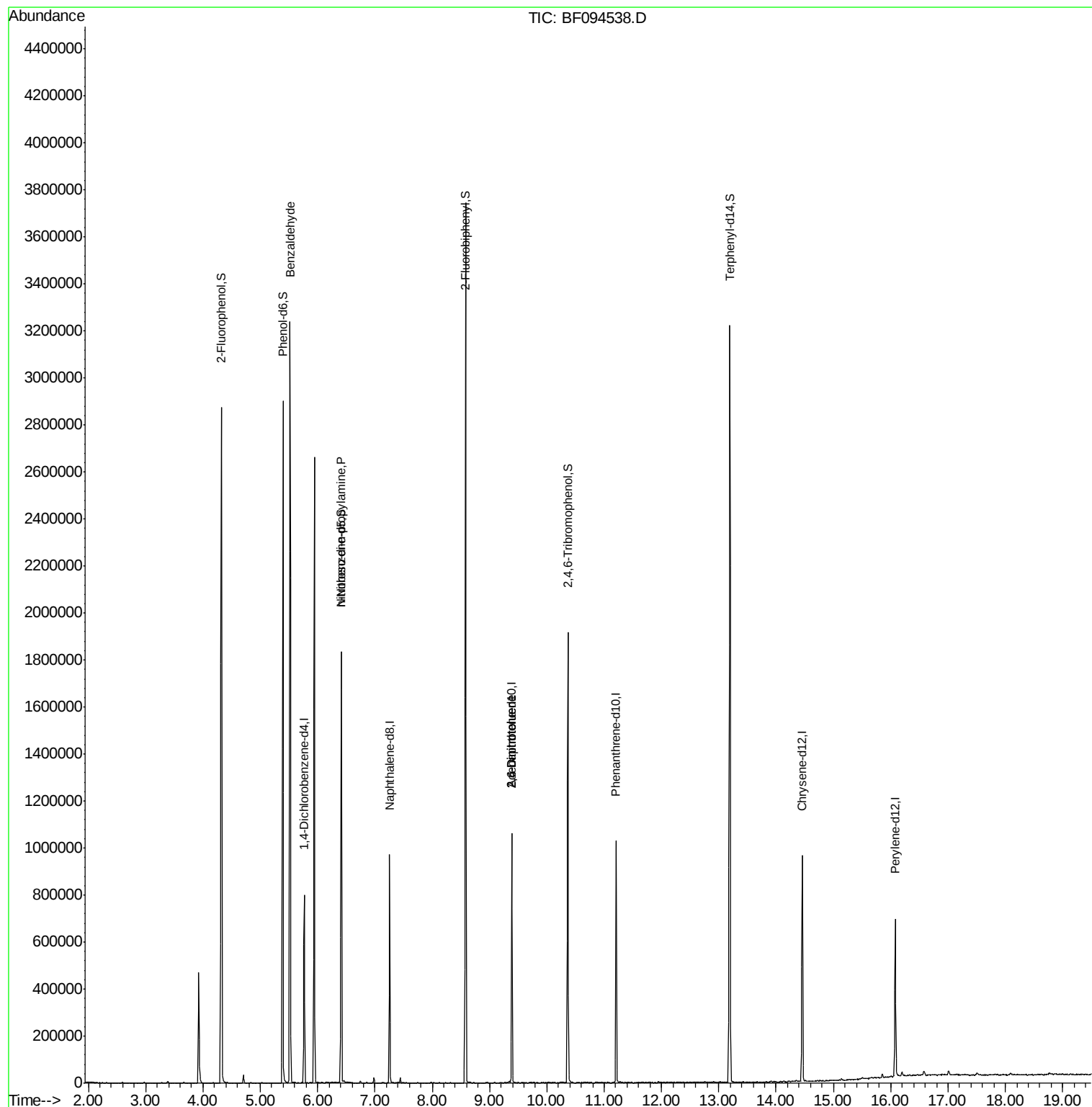
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	120382	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	477543	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	221923	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	430343	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	386320	20.00	ng	0.00
86) Perylene-d12	16.08	264	278820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	931248	128.34	ng	0.02
7) Phenol-d6	5.40	99	1137907	133.02	ng	0.00
23) Nitrobenzene-d5	6.41	82	713135	92.21	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	255671	147.29	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1305818	86.58	ng	0.00
78) Terphenyl-d14	13.19	244	1307765	90.48	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	20064	3.08	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	6.41	70	94928	16.75	ng	# 76
50) 2,6-Dinitrotoluene	9.39	165	27574	7.43	ng	# 32
56) 2,4-Dinitrotoluene	9.39	165	27582	6.06	ng	# 32

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094538.D
Acq On : 20 Apr 2017 12:15
Operator : SJ/MA
Sample : PB98356BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 17:26:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



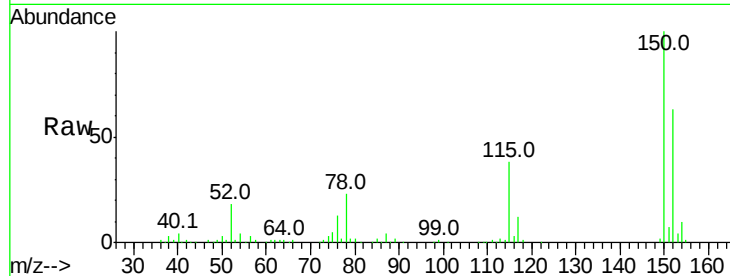


#1

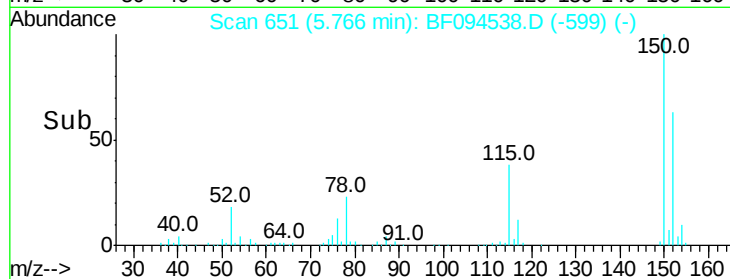
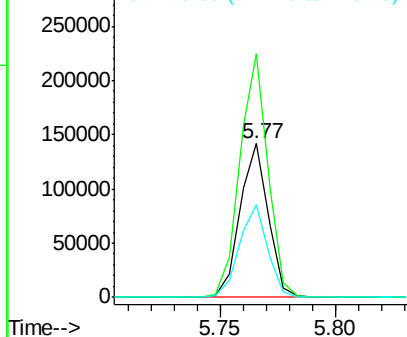
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120382
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 60.6 52.2 78.2



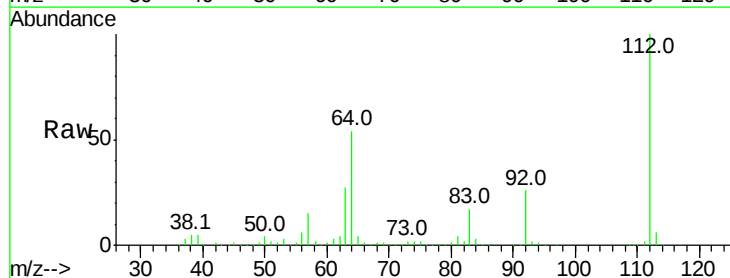
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



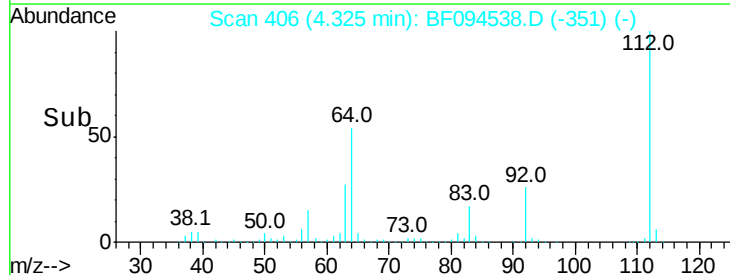
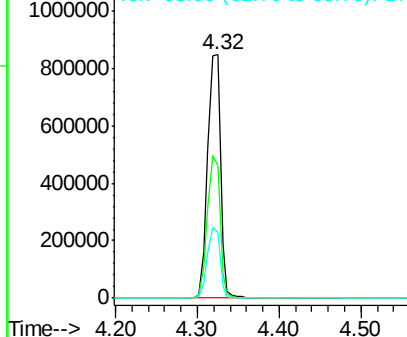
#5

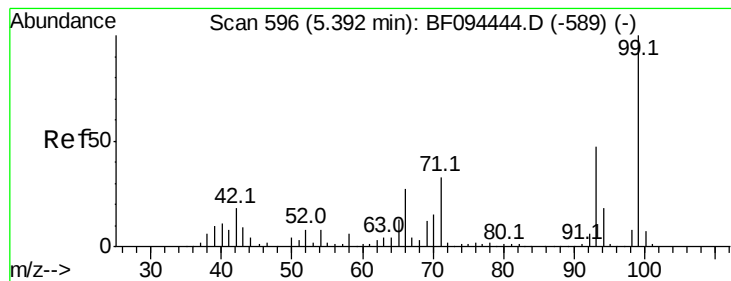
2-Fluorophenol
Concen: 128.34 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

Tgt Ion:112 Resp: 931248
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.02 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

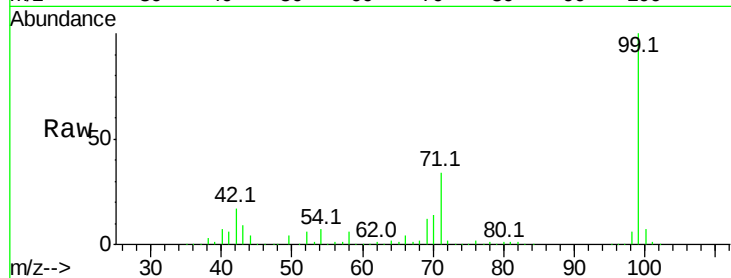
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1137907

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.7	24.5	36.7

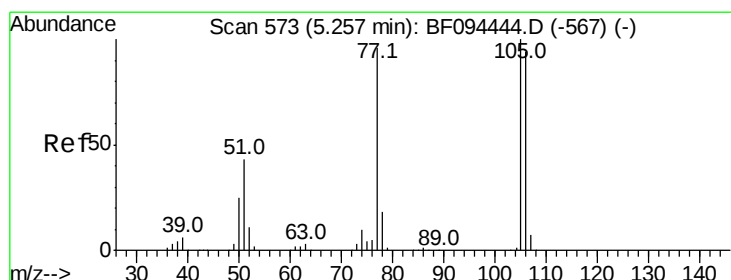
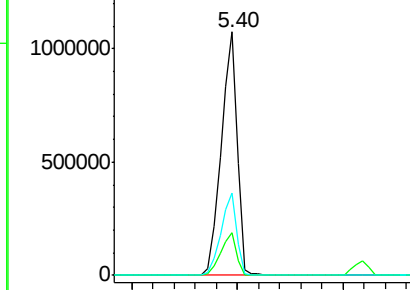
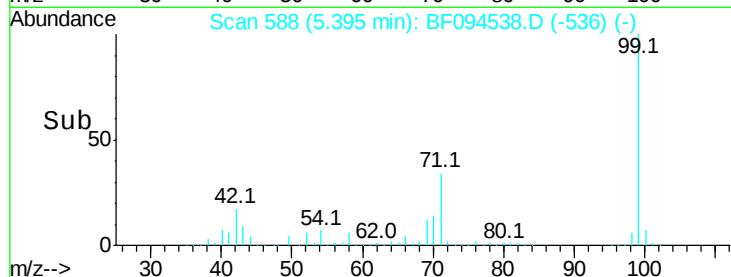


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.08 ng

RT: 5.52 min Scan# 609

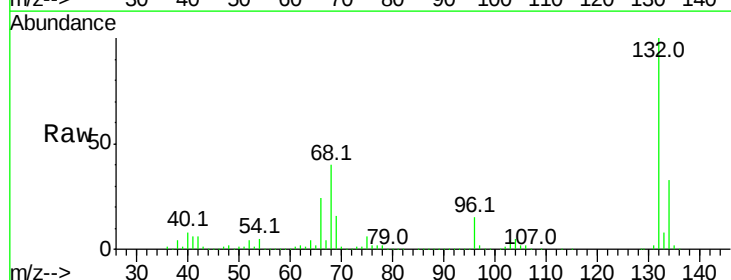
Delta R.T. 0.26 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

Tgt Ion: 77 Resp: 20064

Ion	Ratio	Lower	Upper
77	100		
105	84.4	83.8	123.8
106	80.3	79.1	119.1

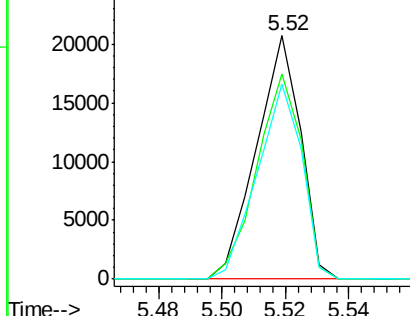
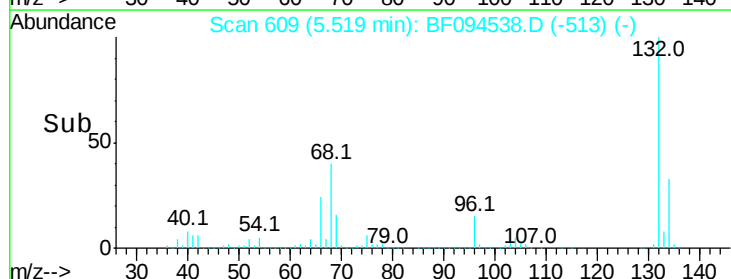


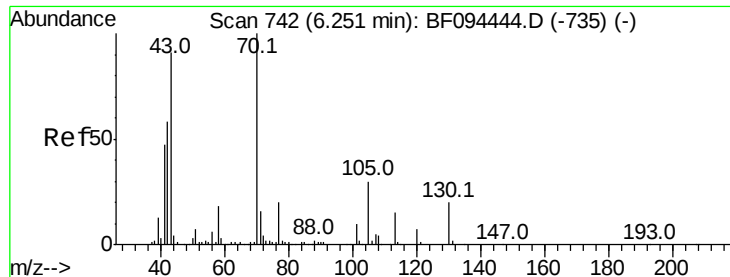
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.75 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 94928

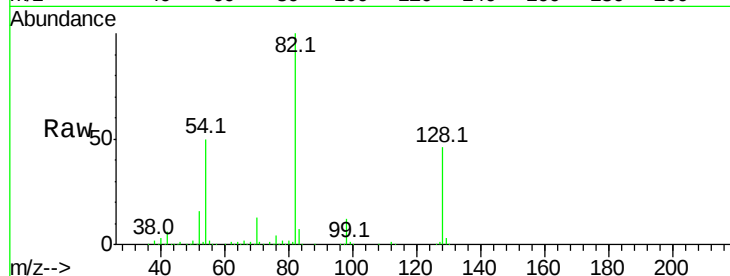
Ion Ratio Lower Upper

70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

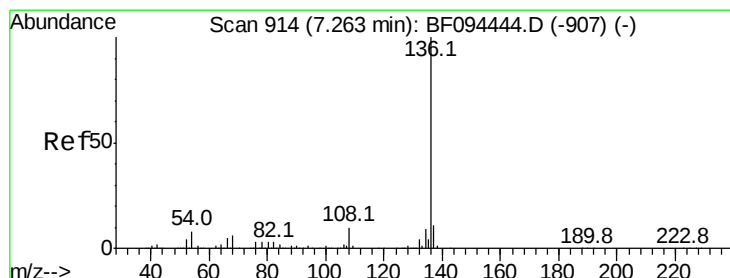
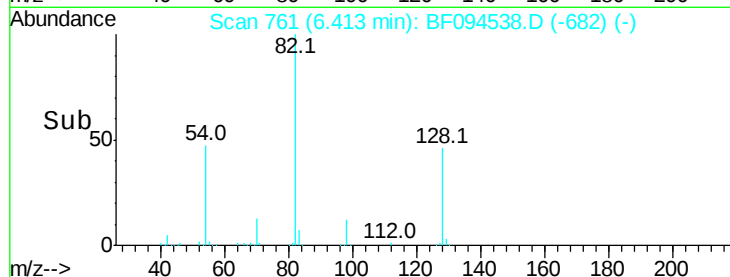
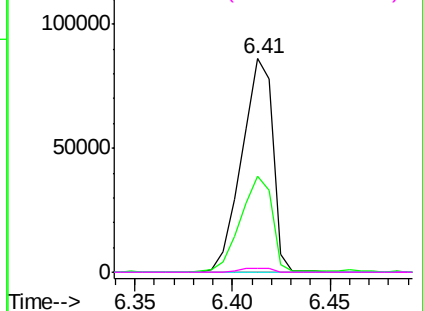


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

Tgt Ion:136 Resp: 477543

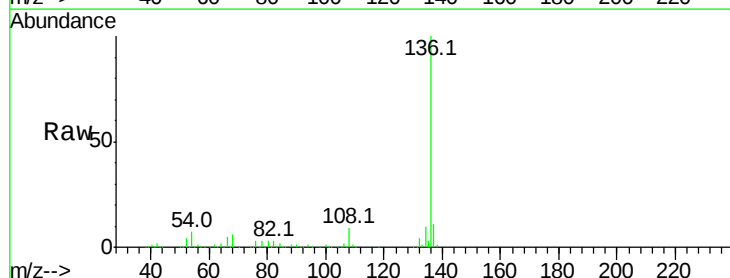
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 6.0 4.1 6.1

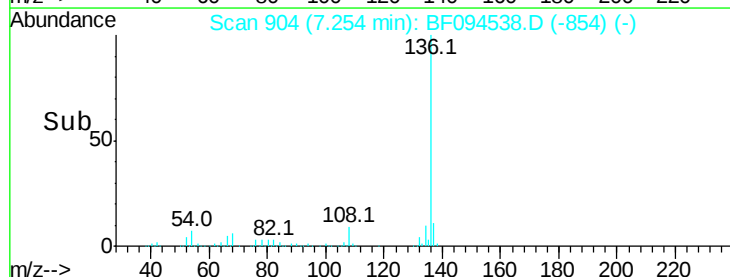
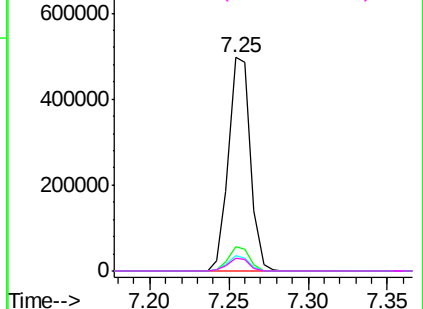


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

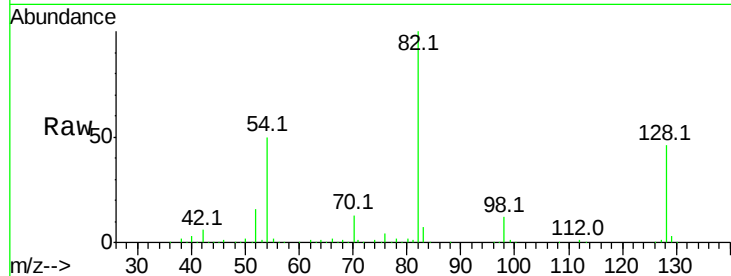




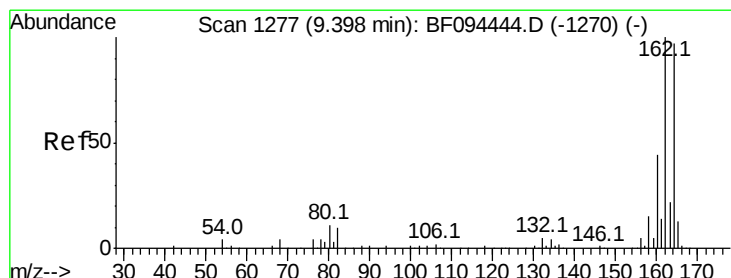
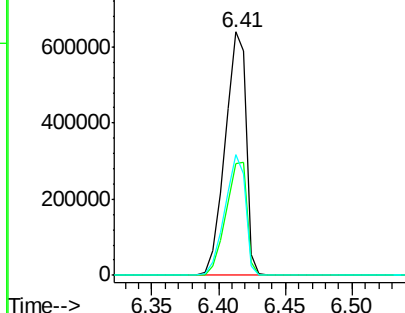
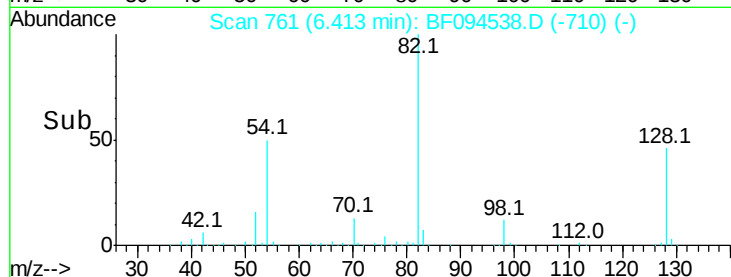
#23
 Nitrobenzene-d5
 Concen: 92.21 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	713135
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.0	51.0
54	49.7	42.2	63.2

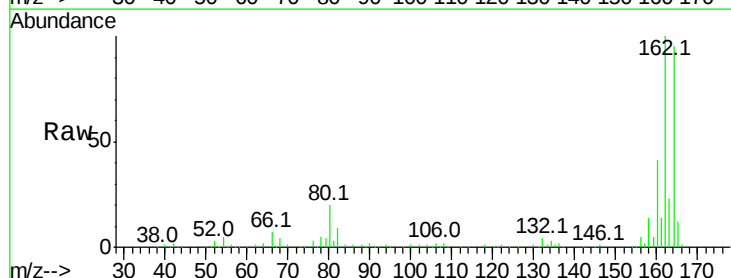


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

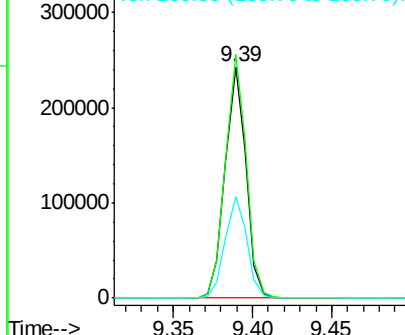
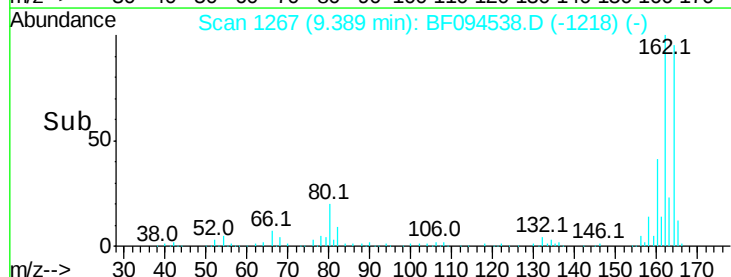


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Tgt Ion	164	Resp	221923
Ion Ratio	Lower	Upper	
164	100		
162	105.3	82.6	123.8
160	43.7	36.2	54.2



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

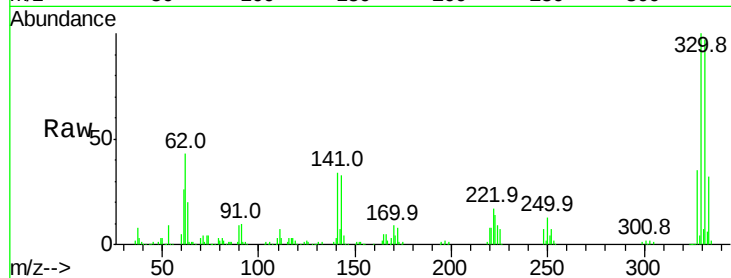




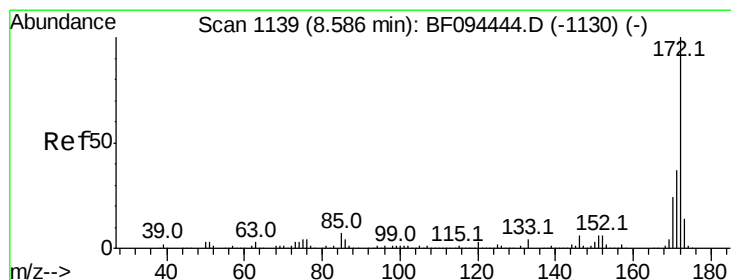
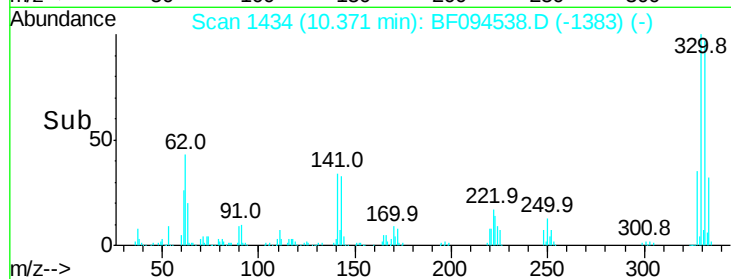
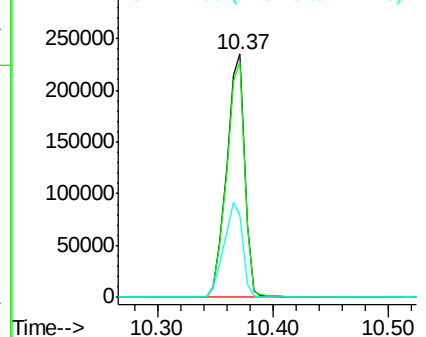
#41
 2,4,6-Tribromophenol
 Concen: 147.29 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 255671
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 40.5 31.4 47.2

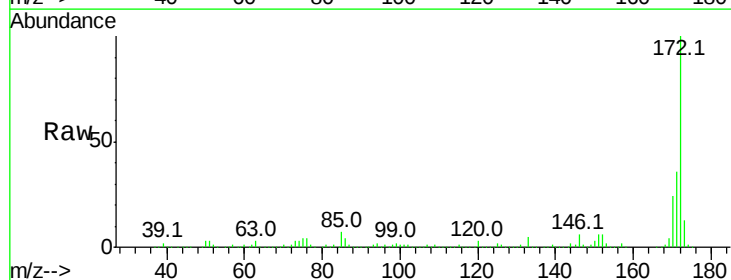


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

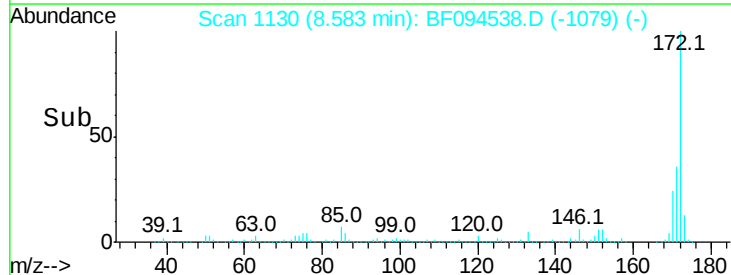
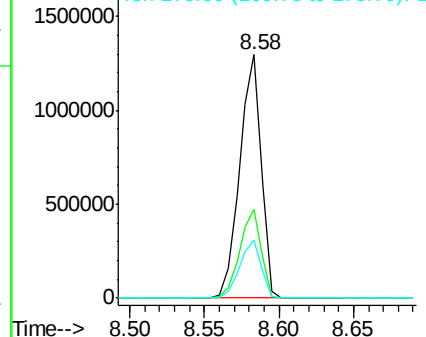


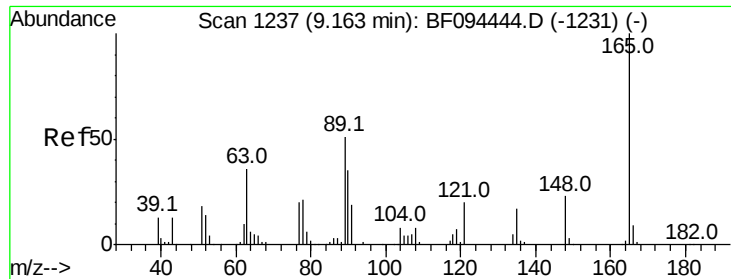
#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Tgt Ion:172 Resp: 1305818
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 19.8 29.8



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: 7.43 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.23 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

Instrument :

BNA_F

ClientSampleId :

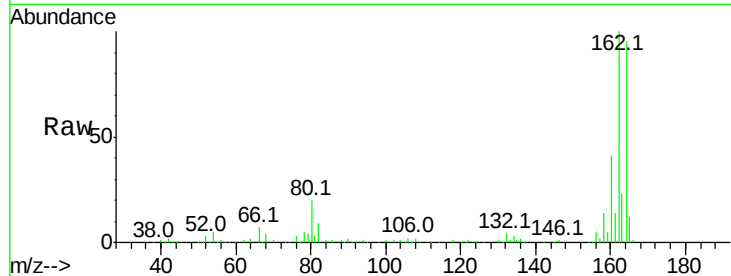
Tot Ion:165 Resp: 27574

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

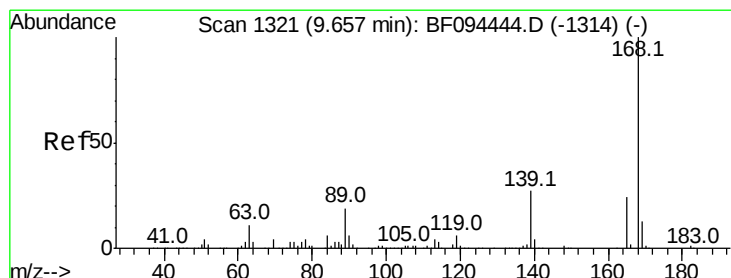
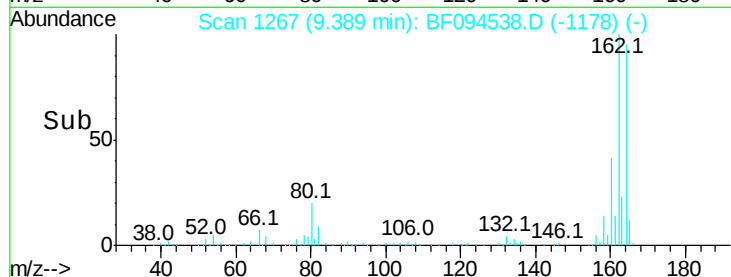
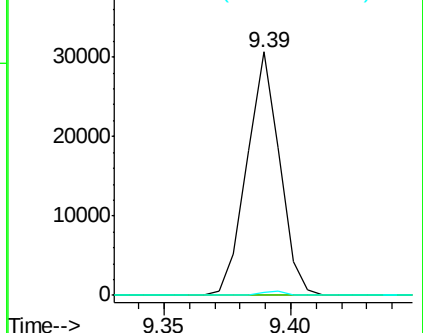
89 1.3 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.06 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.27 min

Lab File: BF094538.D

Acq: 20 Apr 2017 12:15

Tgt Ion:165 Resp: 27582

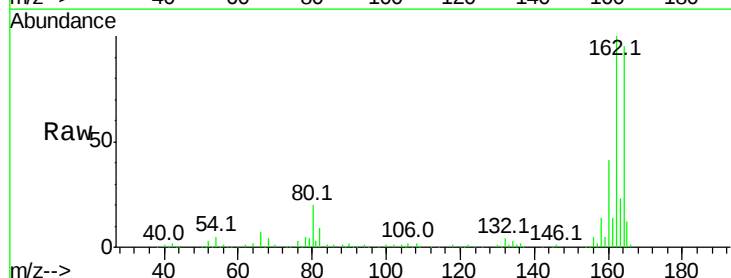
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

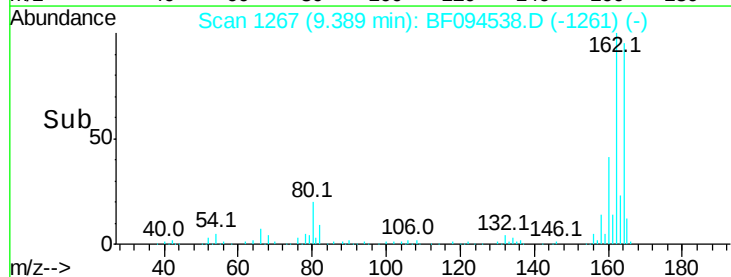
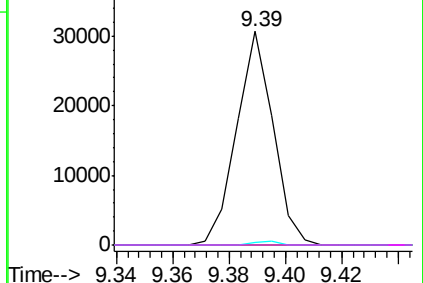


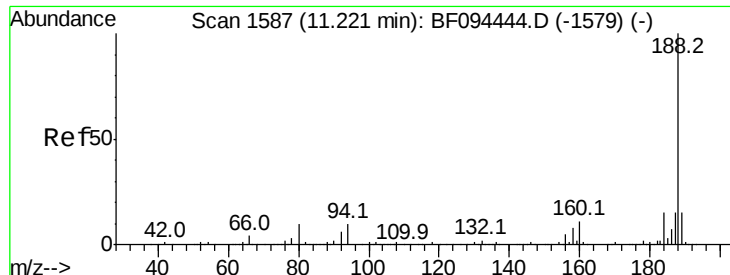
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

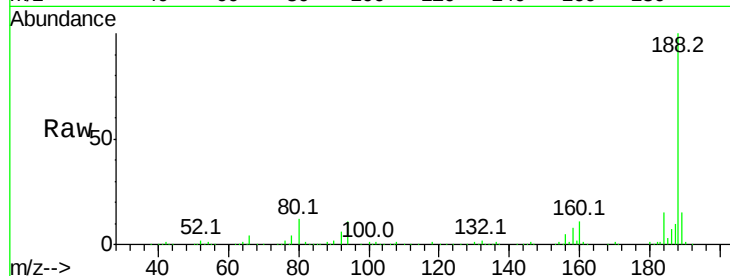




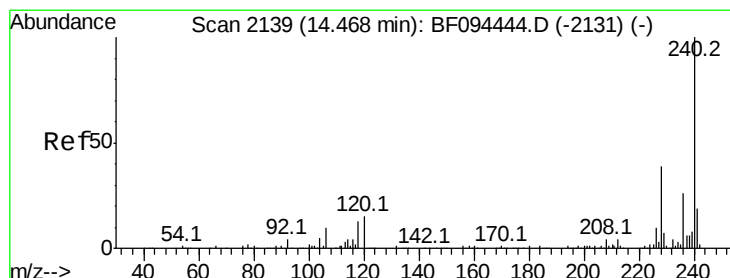
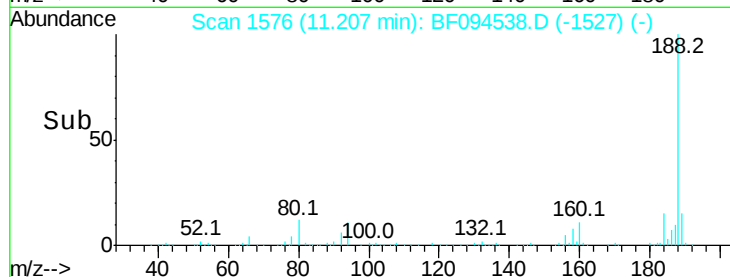
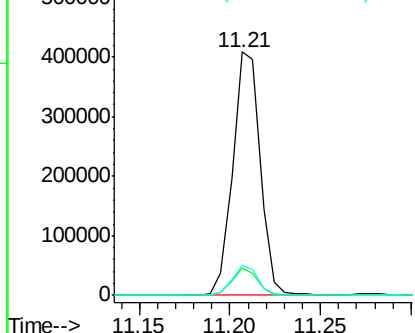
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 430343
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.2 10.2 15.2

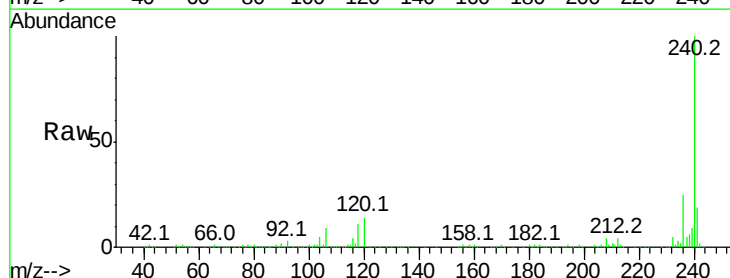


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

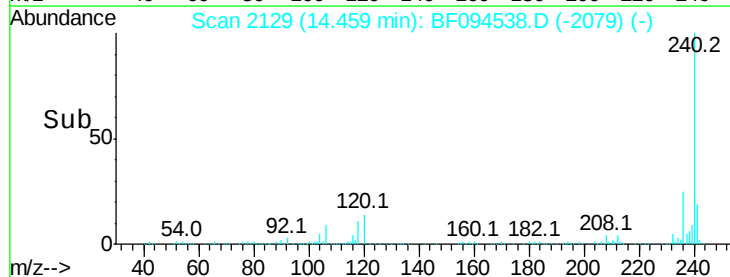
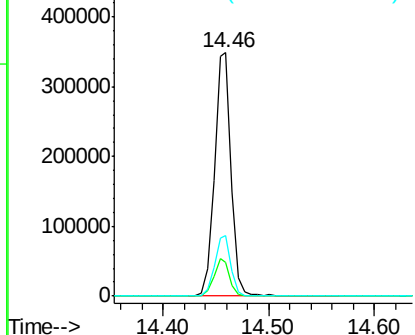


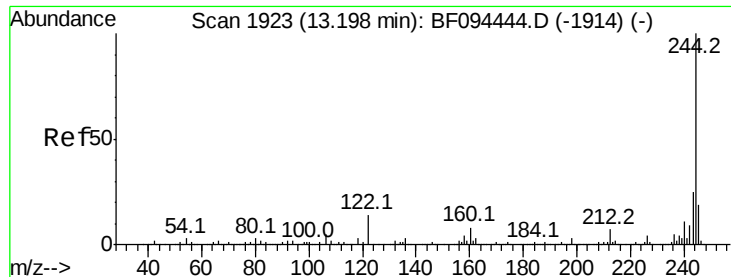
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094538.D
Acq: 20 Apr 2017 12:15

Tgt Ion:240 Resp: 386320
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.1 20.5 30.7



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

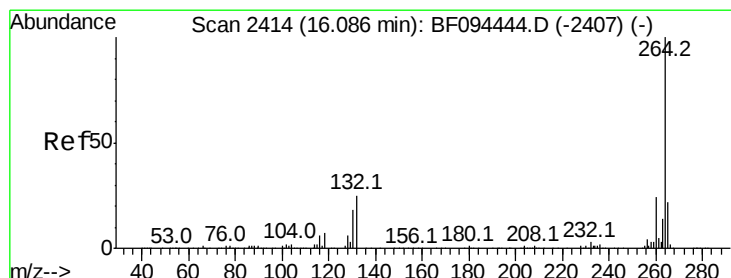
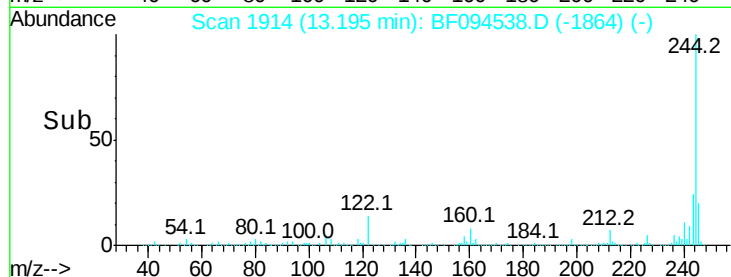
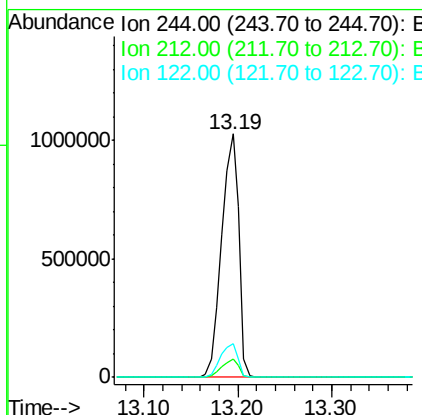
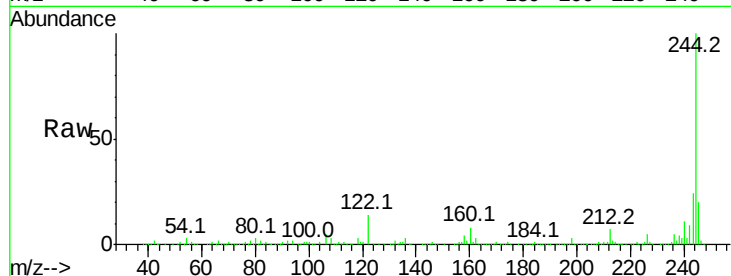




#78
 Terphenyl-d14
 Concen: 90.48 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1307765
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094538.D
 Acq: 20 Apr 2017 12:15

Tgt Ion:264 Resp: 278820
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.2 17.2 25.8

