

Data Path : Z:\HPCHEM1\BNA F\Data\BF042817\
 Data File : BF094683.D
 Acq On : 28 Apr 2017 15:05
 Operator : SJ/MA
 Sample : PB98544BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 18:57:36 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

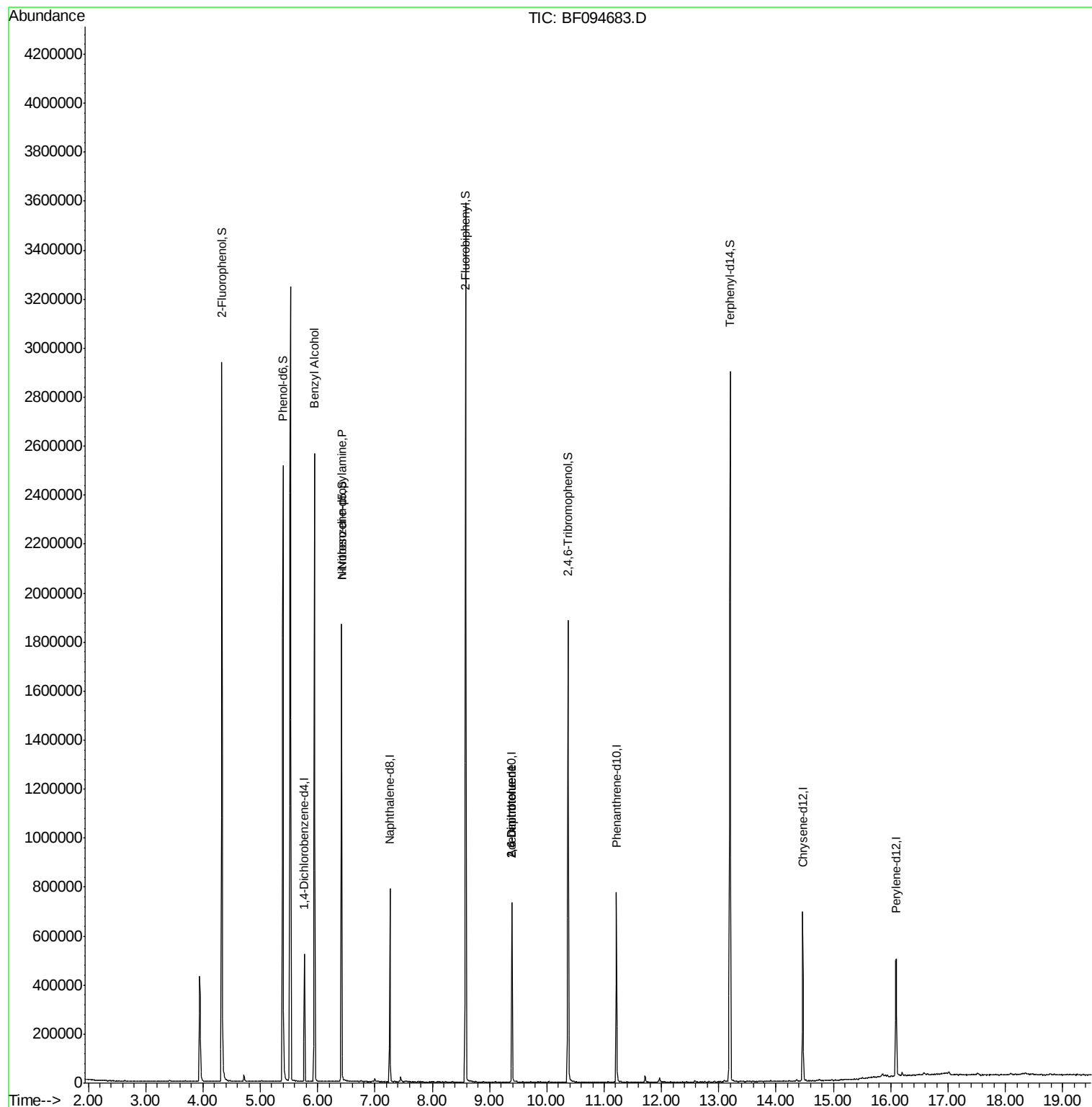
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	89869	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	366609	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	172846	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	320819	20.00	ng	0.00
75) Chrysene-d12	14.47	240	272541	20.00	ng	0.00
86) Perylene-d12	16.09	264	203737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	909942	167.98	ng	0.03
7) Phenol-d6	5.40	99	1111561	174.06	ng	0.00
23) Nitrobenzene-d5	6.42	82	671539	113.11	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	244962	181.19	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1263859	107.59	ng	0.00
78) Terphenyl-d14	13.20	244	1167009	114.45	ng	0.00
Target Compounds						
15) Benzyl Alcohol	5.95	79	10772	2.27	ng	# 43
19) n-Nitroso-di-n-propylamine	6.42	70	87455	20.67	ng	# 76
50) 2,6-Dinitrotoluene	9.39	165	20922	7.24	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	20922	5.90	ng	# 31

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

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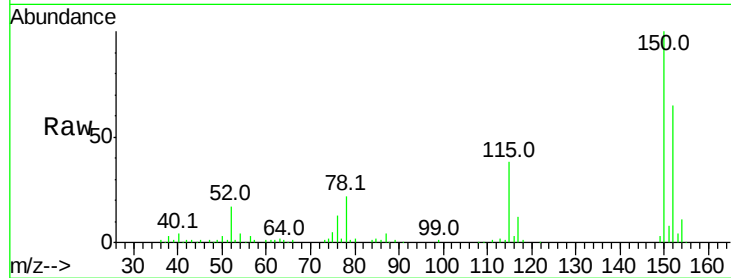


#1

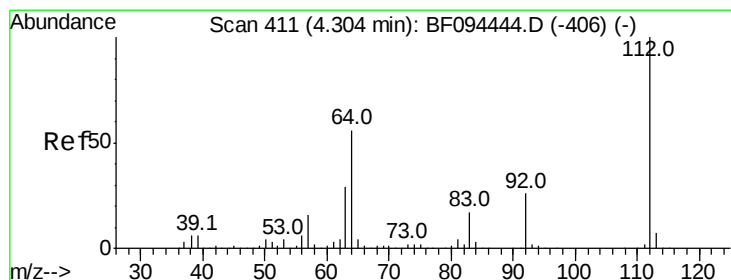
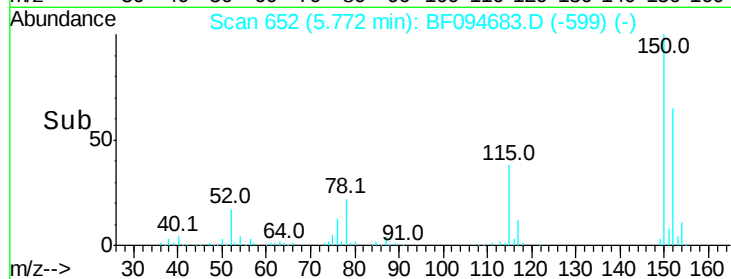
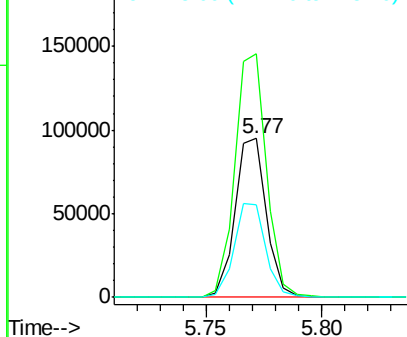
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094683.D
Acq: 28 Apr 2017 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89869
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 58.7 52.2 78.2



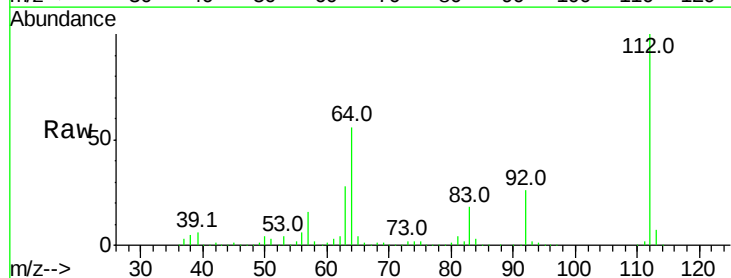
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



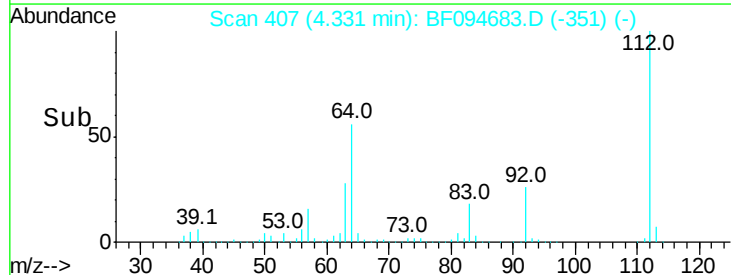
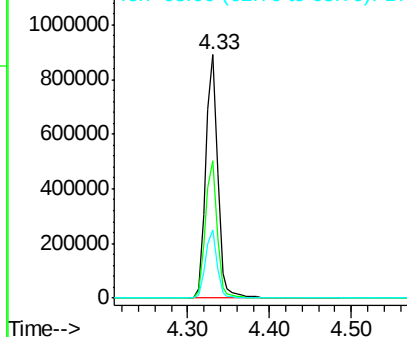
#5

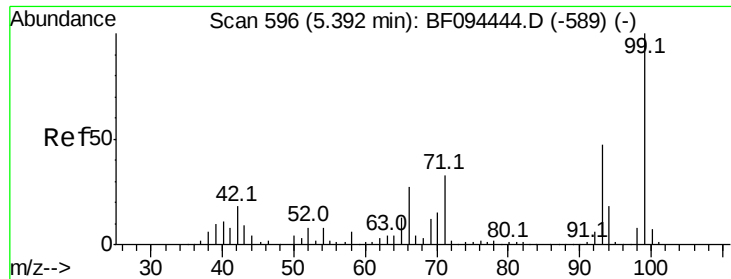
2-Fluorophenol
Concen: 167.98 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094683.D
Acq: 28 Apr 2017 15:05

Tgt Ion:112 Resp: 909942
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 27.8 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: 174.06 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094683.D

Acq: 28 Apr 2017 15:05

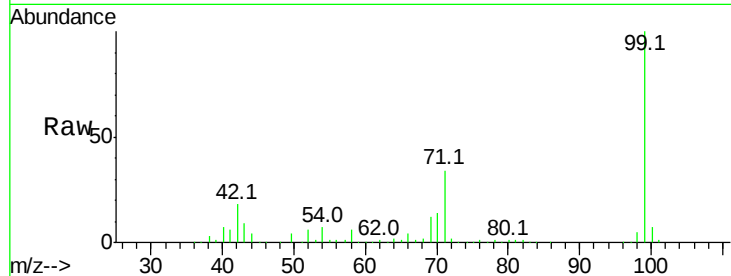
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1111561

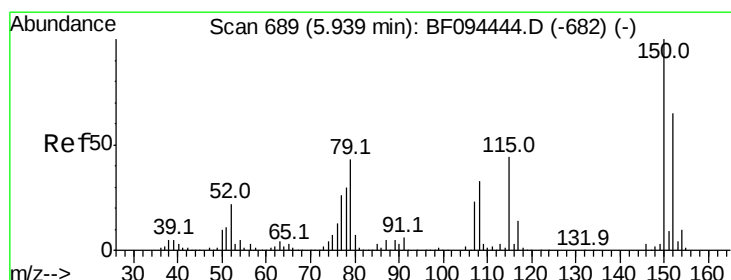
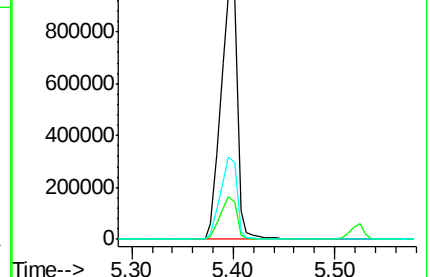
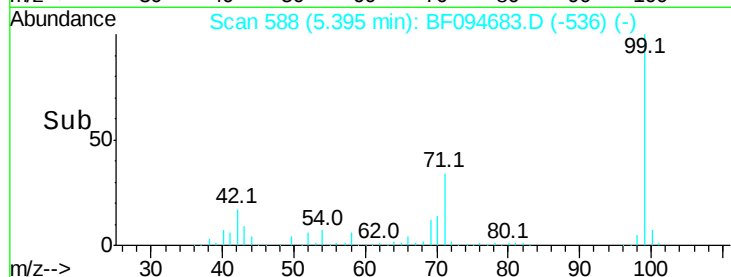
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.8	24.5	36.7



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



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 5.95 min Scan# 682

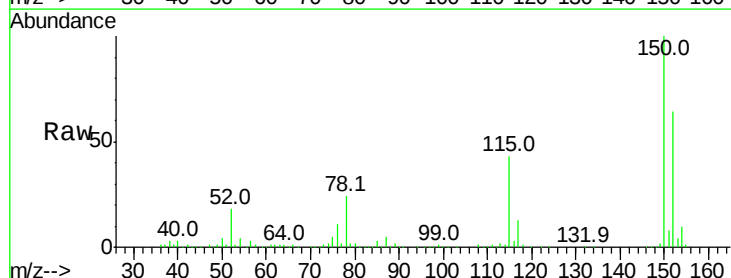
Delta R.T. 0.01 min

Lab File: BF094683.D

Acq: 28 Apr 2017 15:05

Tgt Ion: 79 Resp: 10772

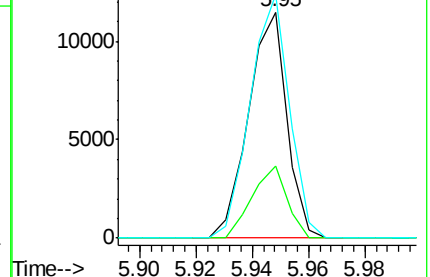
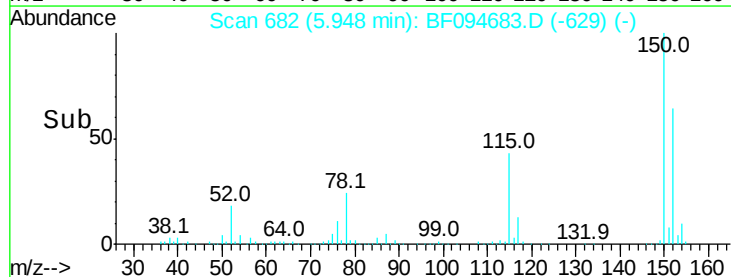
Ion	Ratio	Lower	Upper
79	100		
108	32.0	63.4	95.0#
77	107.8	49.2	73.8#

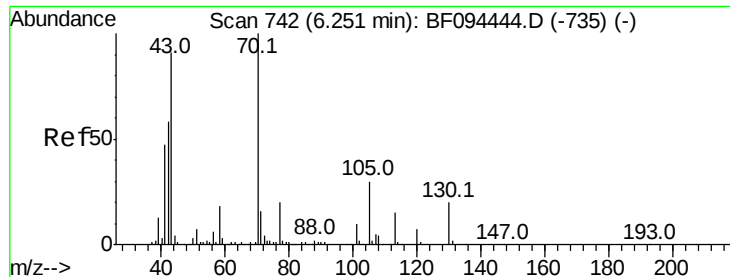


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 20.67 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094683.D

Acq: 28 Apr 2017 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 87455

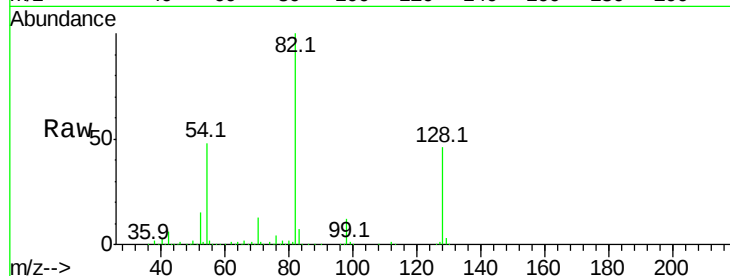
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

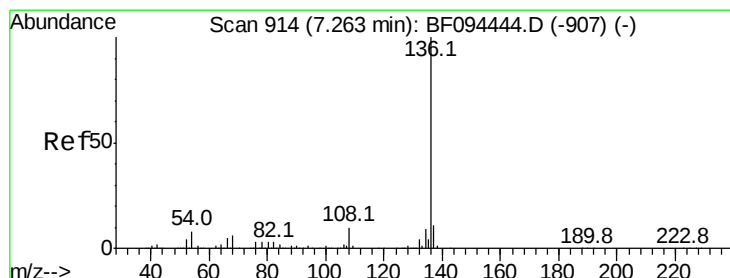
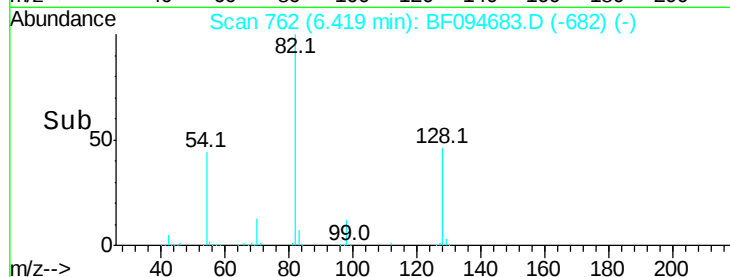
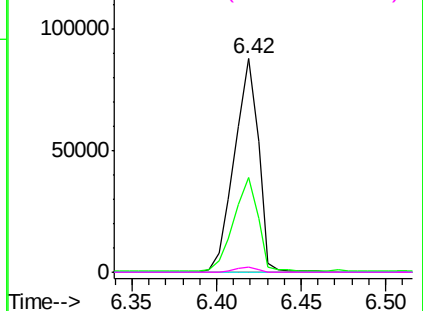


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094683.D

Acq: 28 Apr 2017 15:05

Tgt Ion:136 Resp: 366609

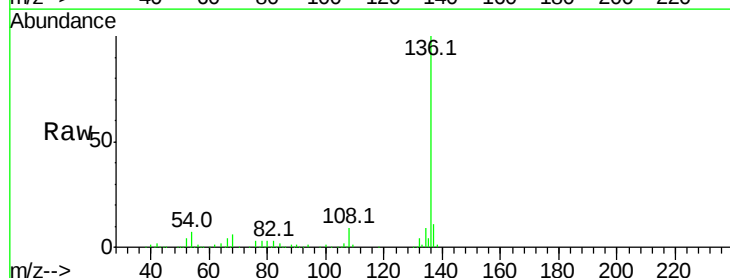
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

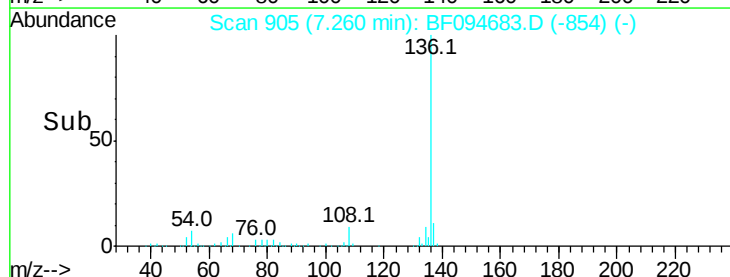
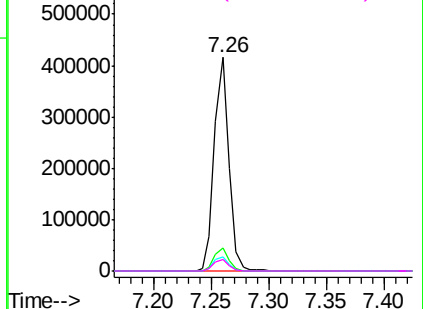


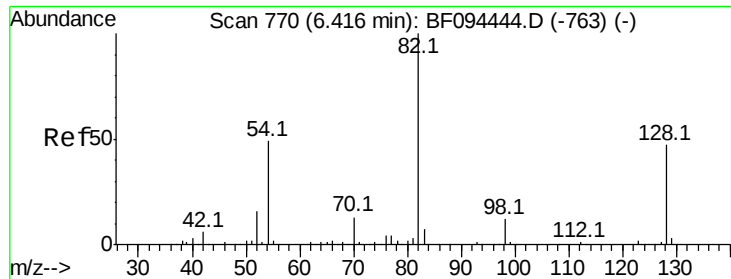
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

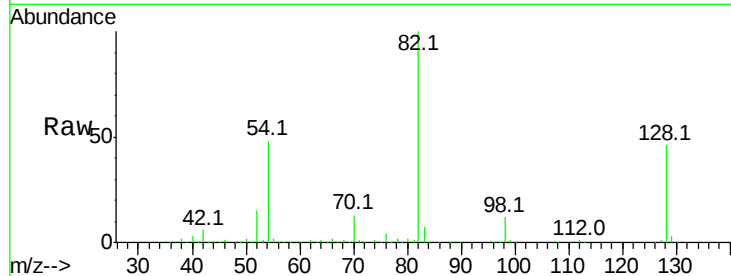




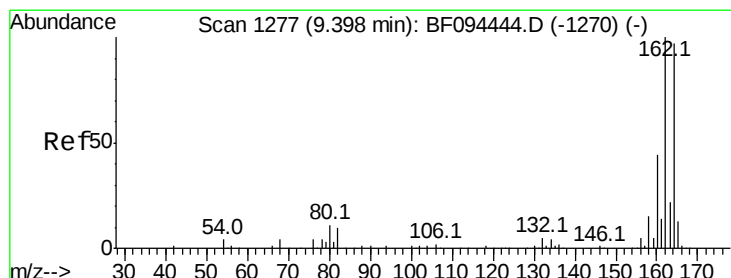
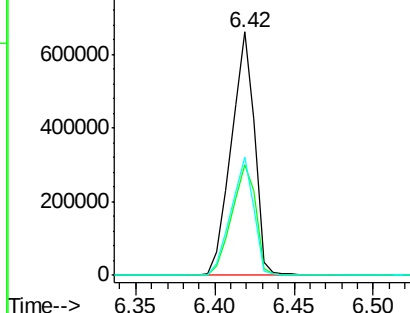
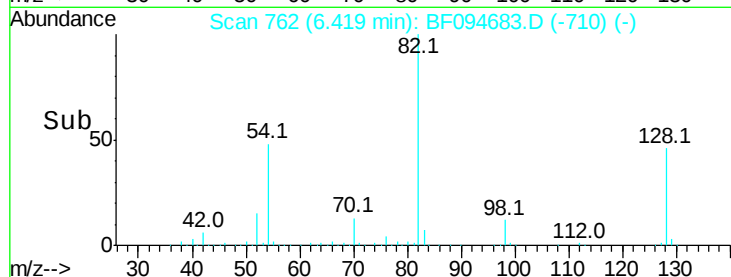
#23
 Nitrobenzene-d5
 Concen: 113.11 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	671539
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	48.5	42.2	63.2

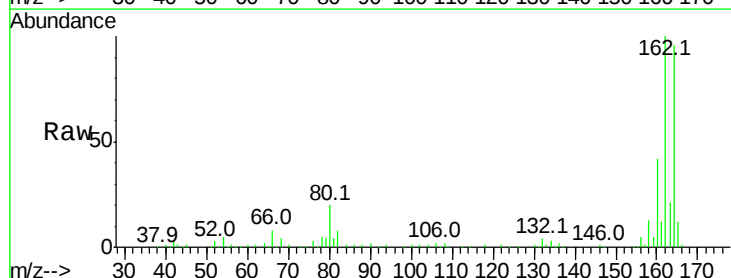


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

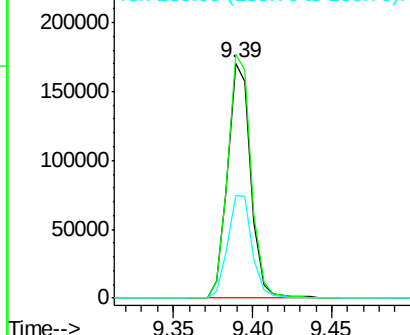
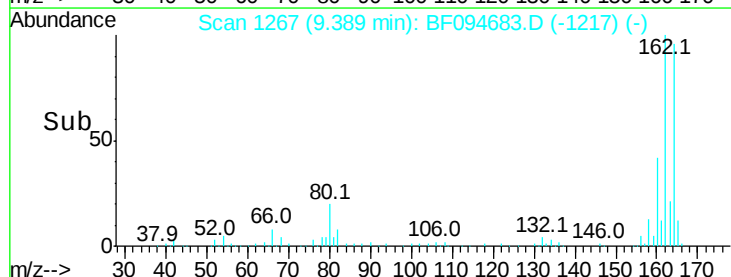


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Tgt Ion	164	Resp	172846
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.6	123.8
160	43.6	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

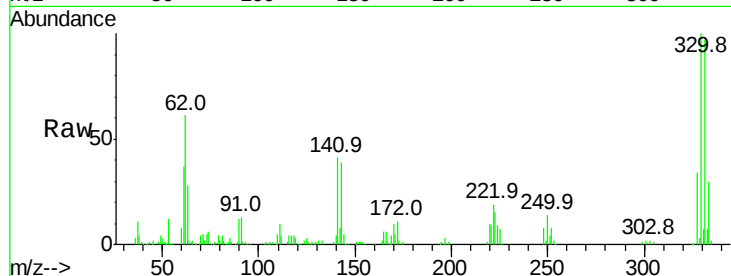




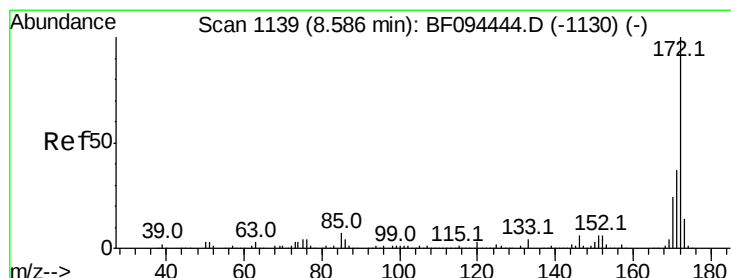
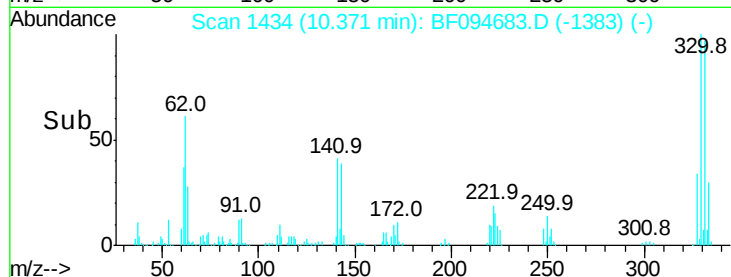
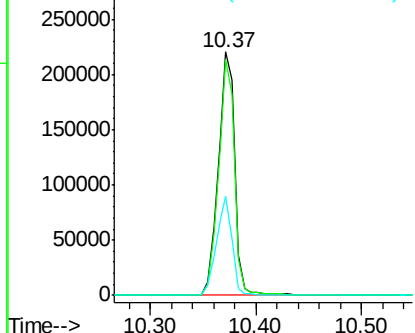
#41
 2,4,6-Tribromophenol
 Concen: 181.19 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 244962
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 39.0 31.4 47.2

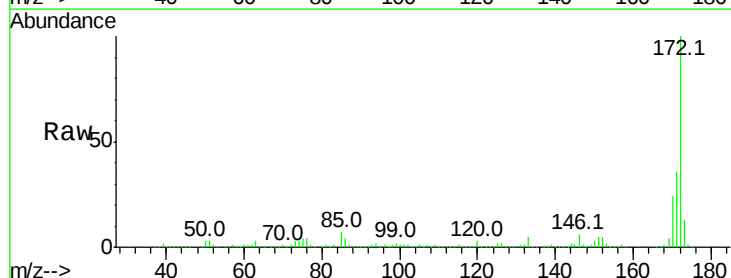


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

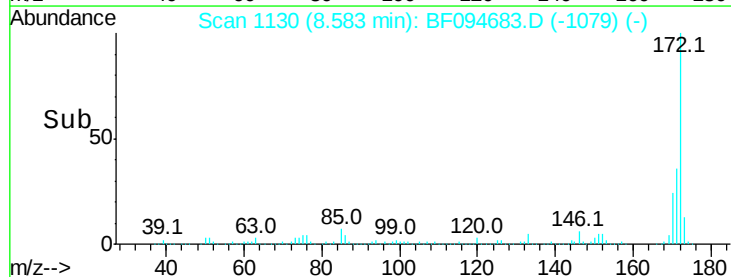
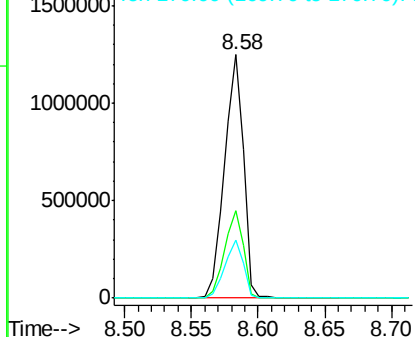


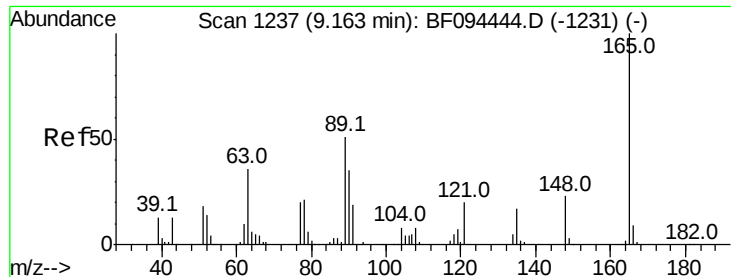
#44
 2-Fluorobiphenyl
 Concen: 107.59 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Tgt Ion:172 Resp: 1263859
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 7.24 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.23 min

Lab File: BF094683.D

Acq: 28 Apr 2017 15:05

Instrument :

BNA_F

ClientSampleId :

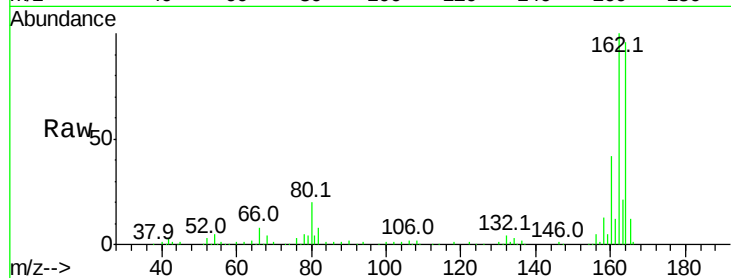
Tot Ion:165 Resp: 20922

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

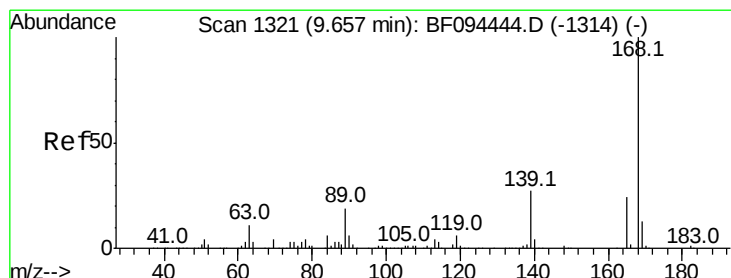
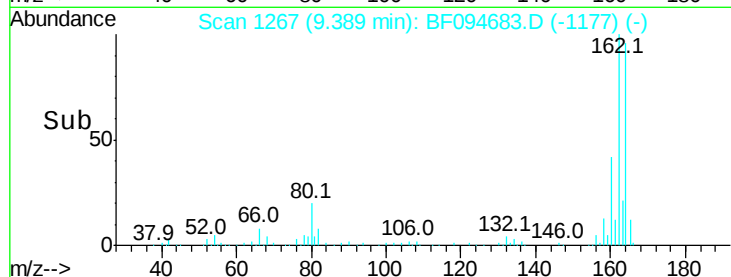
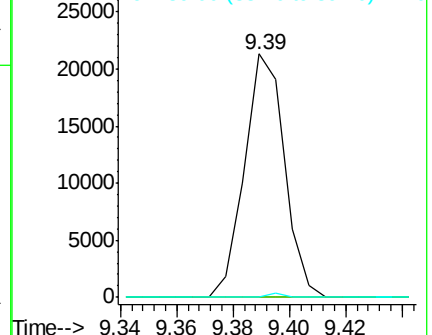
89 0.0 37.1 55.7#



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: 5.90 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.27 min

Lab File: BF094683.D

Acq: 28 Apr 2017 15:05

Tgt Ion:165 Resp: 20922

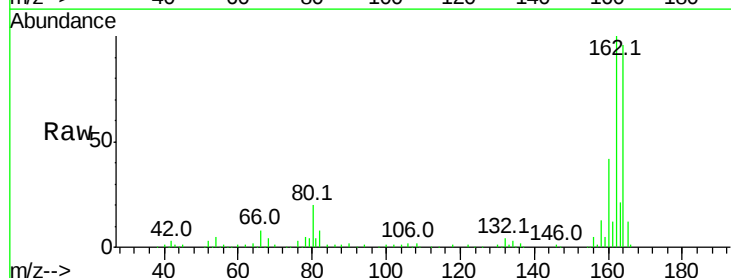
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

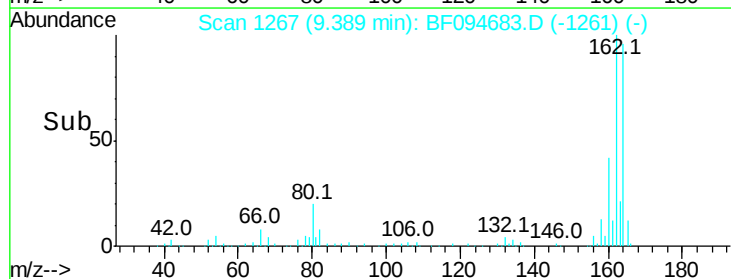
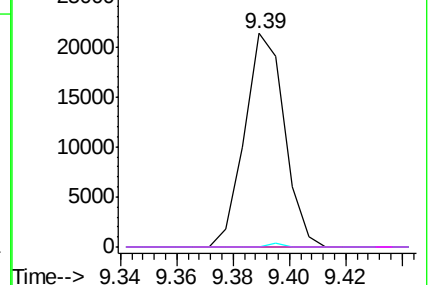


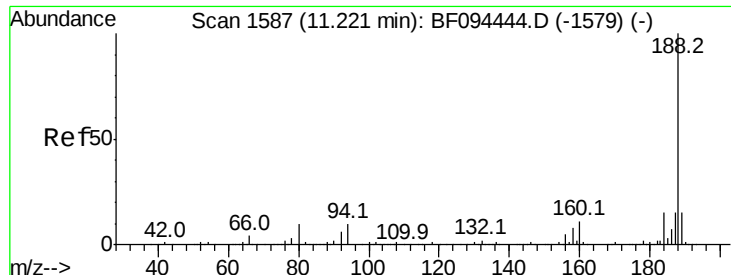
Abundance Ion 165.00 (164.70 to 165.70): E

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

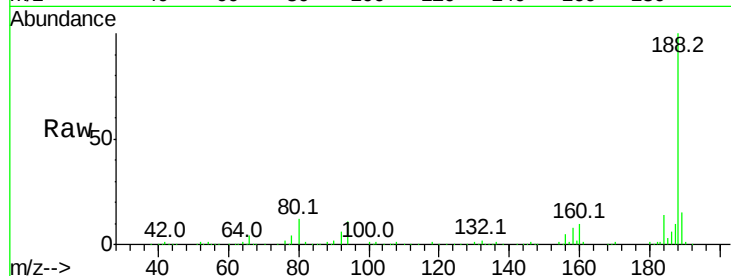




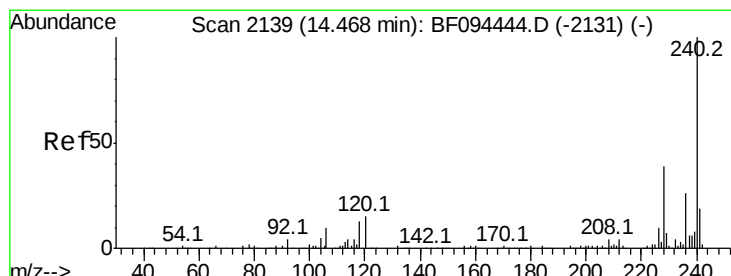
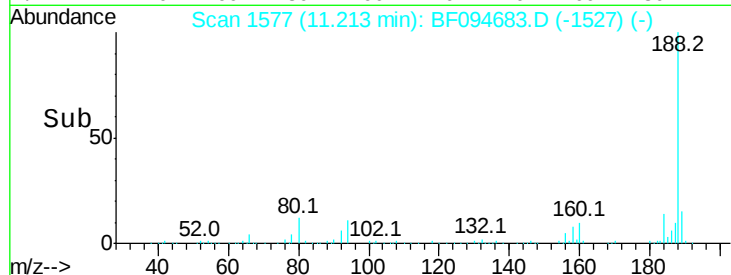
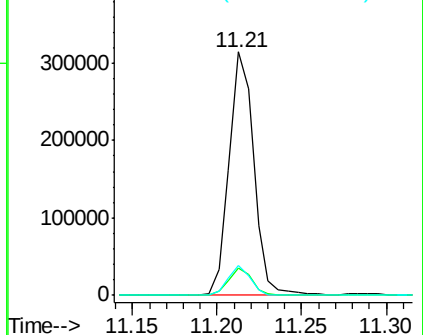
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 320819
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 12.2 10.2 15.2

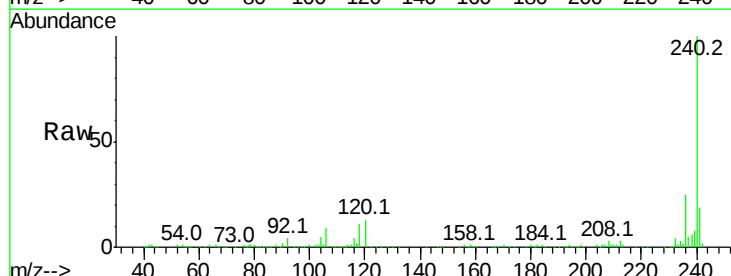


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

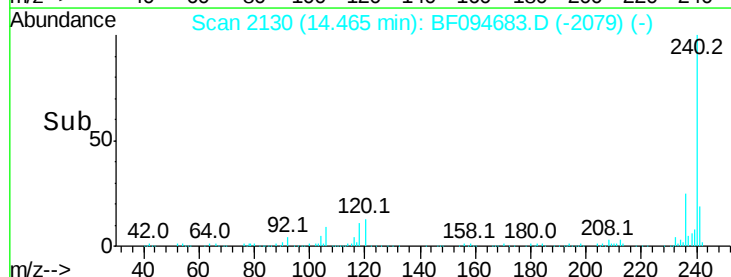
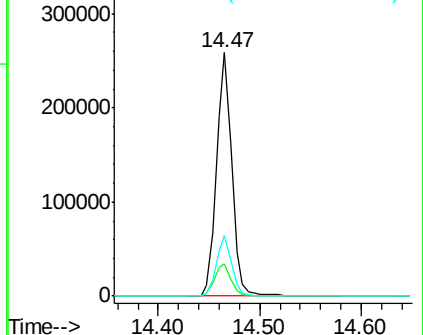


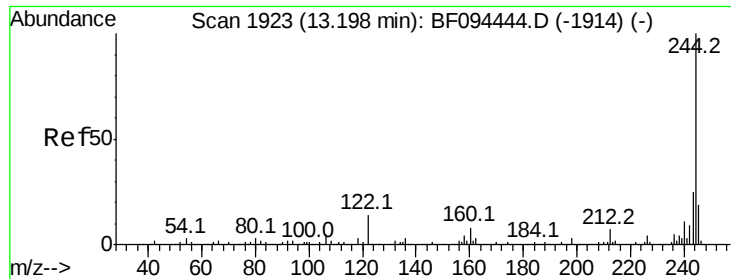
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Tgt Ion:240 Resp: 272541
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 24.6 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

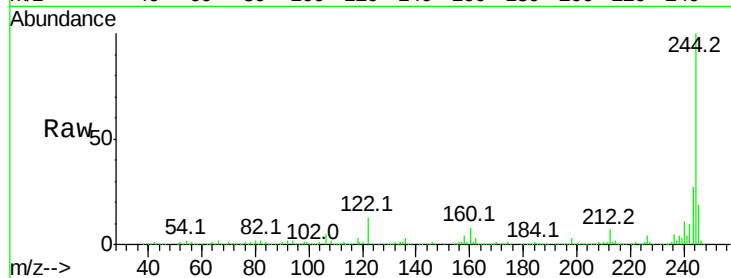




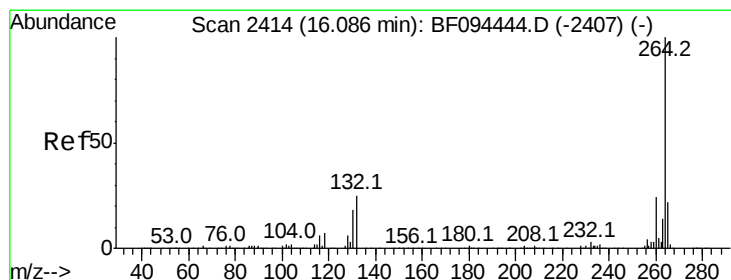
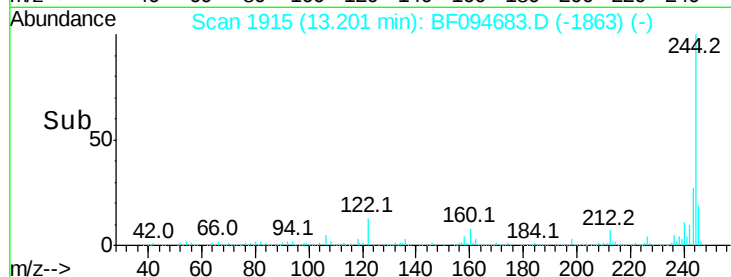
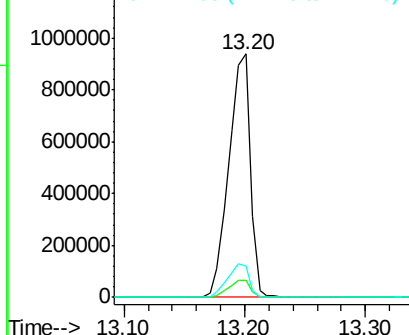
#78
 Terphenyl-d14
 Concen: 114.45 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1167009
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.8 10.3 15.5

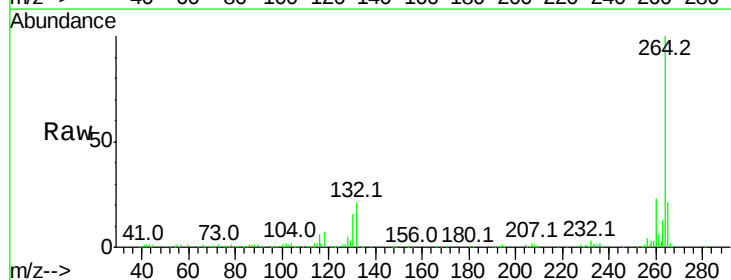


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094683.D
 Acq: 28 Apr 2017 15:05

Tgt Ion:264 Resp: 203737
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

