

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094721.D
 Acq On : 30 Apr 2017 18:15
 Operator : SJ/MA
 Sample : I2895-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:21:26 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

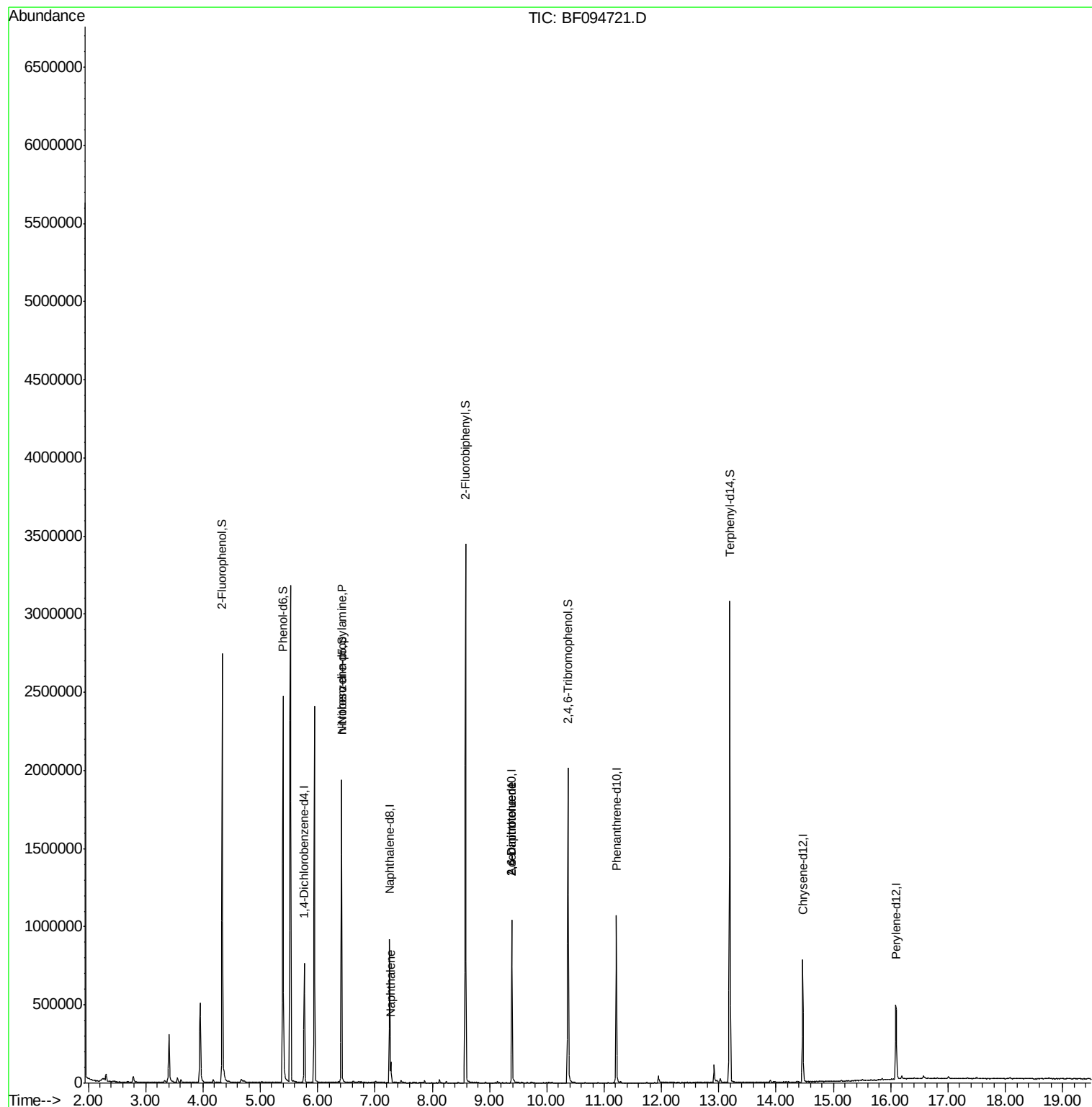
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	118169	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	474761	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	227890	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	427612	20.00	ng	0.00
75) Chrysene-d12	14.47	240	322547	20.00	ng	0.00
86) Perylene-d12	16.09	264	194175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	877300	123.17	ng	0.03
7) Phenol-d6	5.40	99	1027547	122.37	ng	0.00
23) Nitrobenzene-d5	6.42	82	691079	89.88	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	272594	152.93	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1318683	85.14	ng	0.00
78) Terphenyl-d14	13.19	244	1263838	104.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	92137	16.56	ng	# 75
31) Naphthalene	7.28	128	64804	2.84	ng	98
50) 2,6-Dinitrotoluene	9.39	165	29745	7.80	ng	# 34
56) 2,4-Dinitrotoluene	9.39	165	29753	6.36	ng	# 33

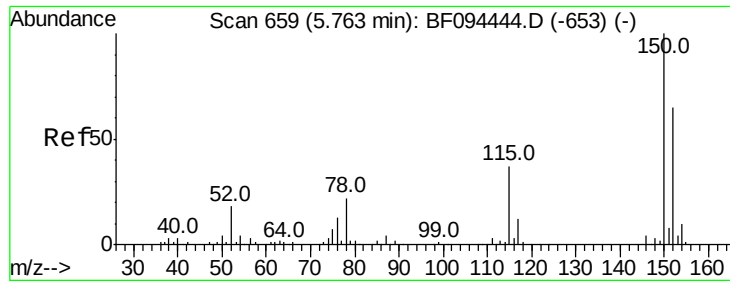
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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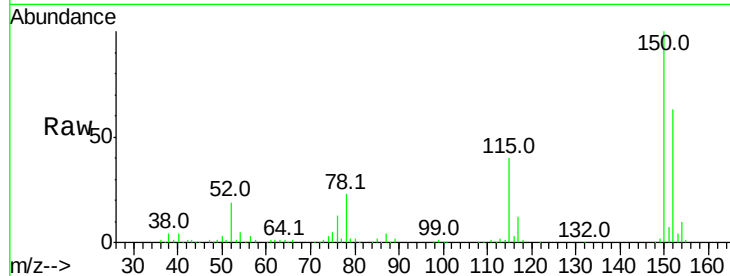


#1

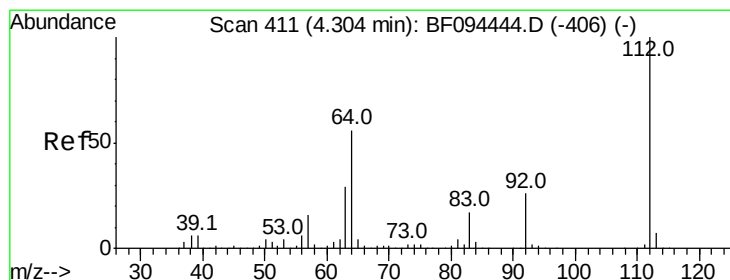
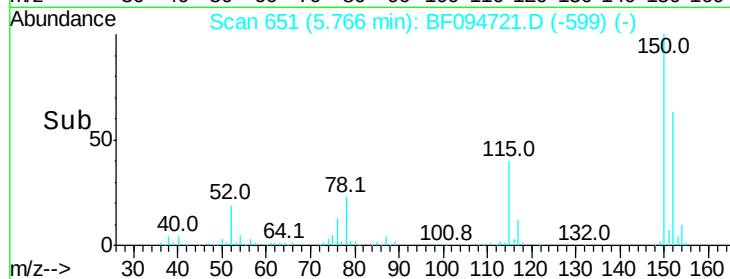
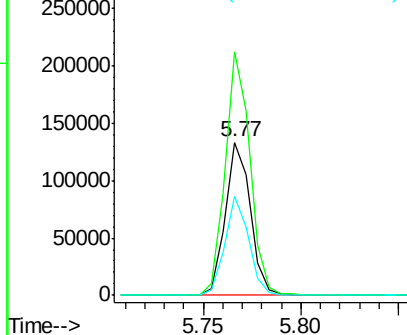
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094721.D
Acq: 30 Apr 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118169
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 64.5 52.2 78.2



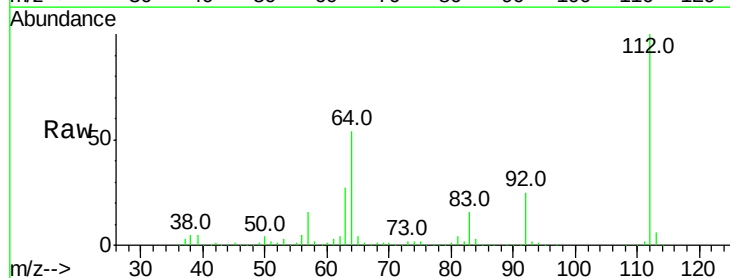
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



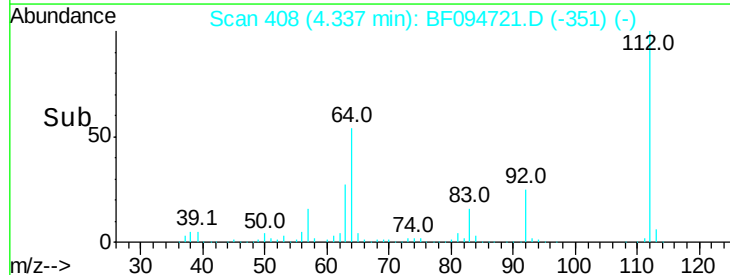
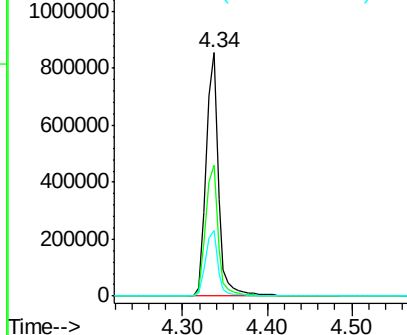
#5

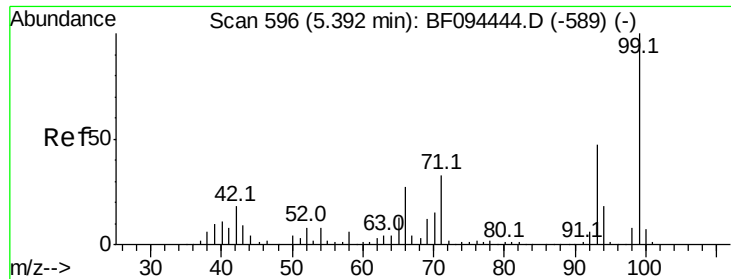
2-Fluorophenol
Concen: 123.17 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094721.D
Acq: 30 Apr 2017 18:15

Tgt Ion:112 Resp: 877300
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 26.8 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: 122.37 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094721.D

Acq: 30 Apr 2017 18:15

Instrument :

BNA_F

ClientSampleId :

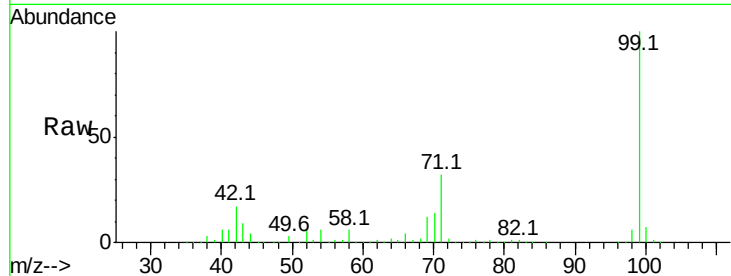
Tot Ion: 99 Resp: 1027547

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

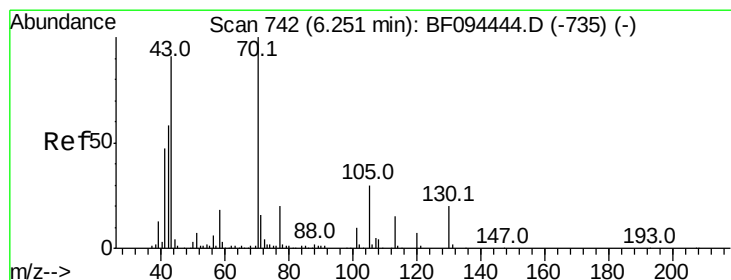
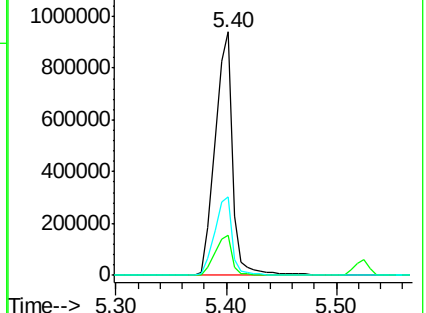
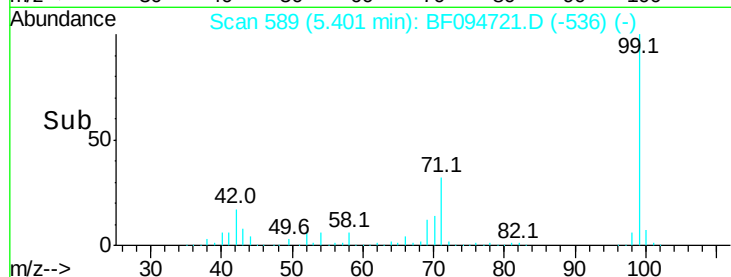
71 32.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.56 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094721.D

Acq: 30 Apr 2017 18:15

Tgt Ion: 70 Resp: 92137

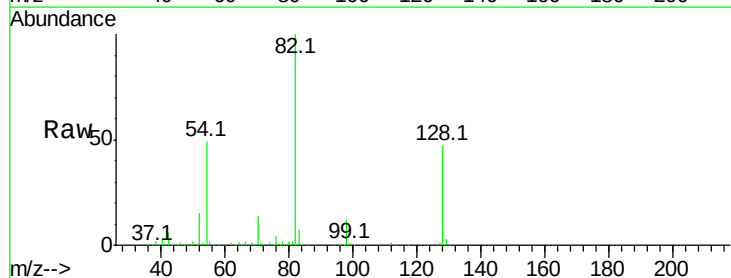
Ion Ratio Lower Upper

70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

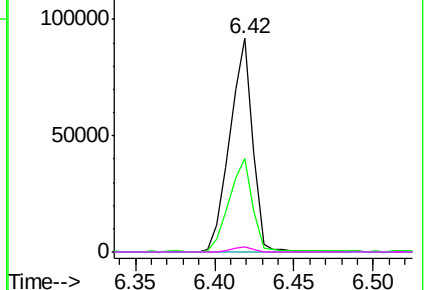
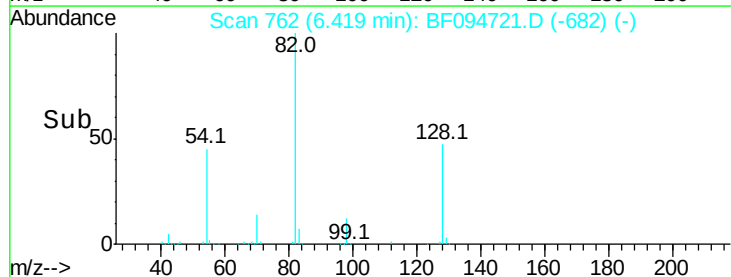


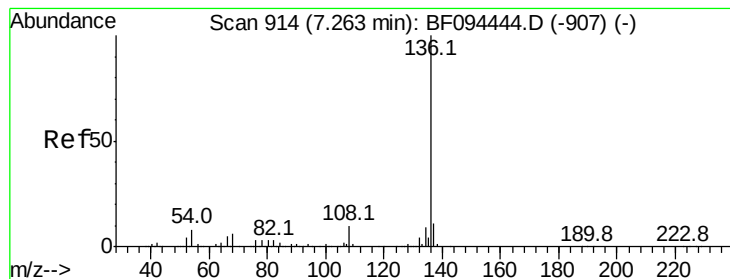
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): 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: BF094721.D

Acq: 30 Apr 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 474761

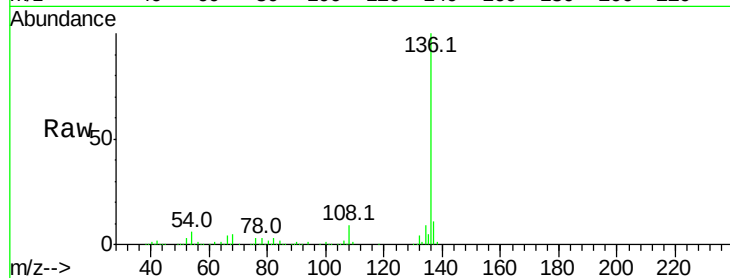
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.2 4.9 7.3

68 5.0 4.1 6.1

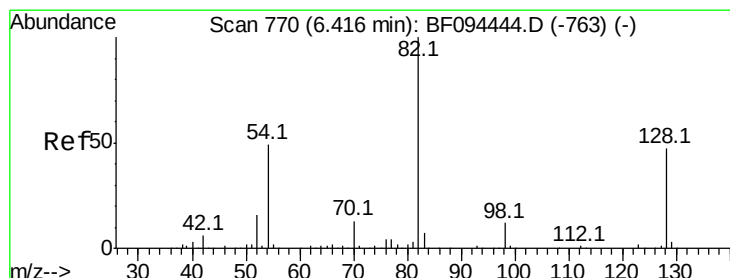
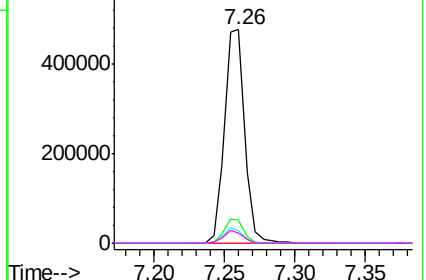
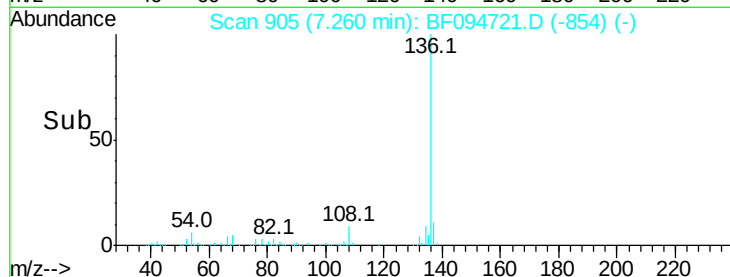


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.88 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094721.D

Acq: 30 Apr 2017 18:15

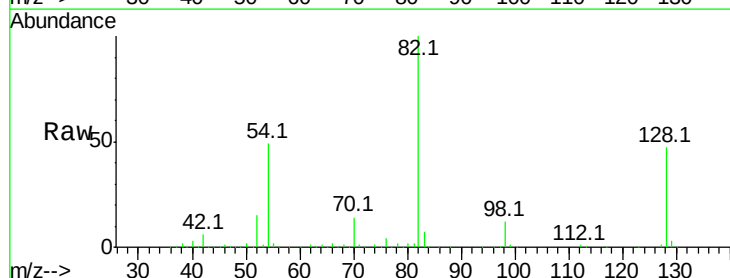
Tgt Ion: 82 Resp: 691079

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

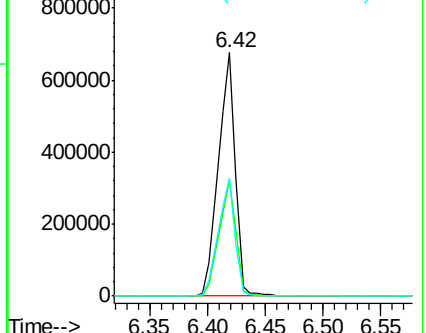
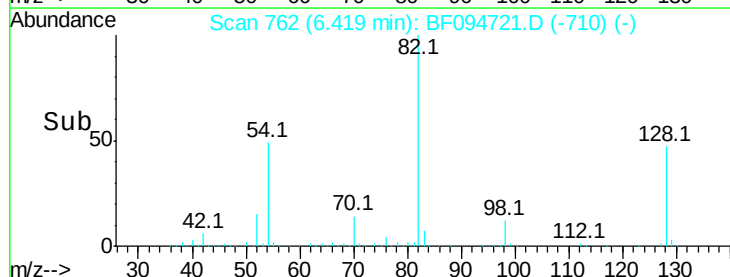
54 48.7 42.2 63.2

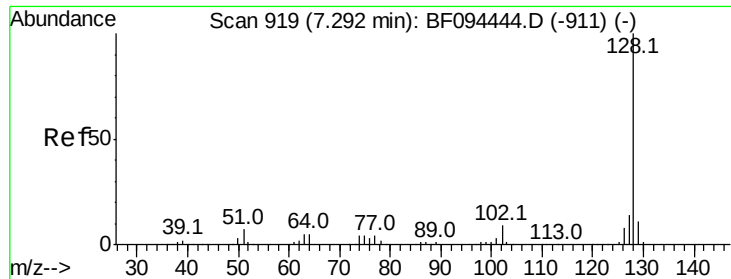


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

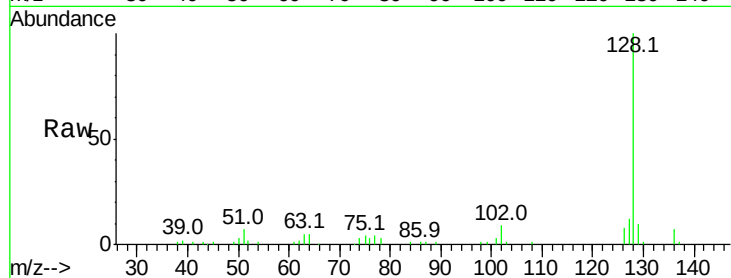




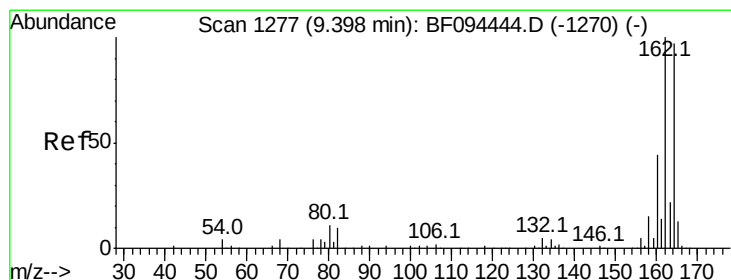
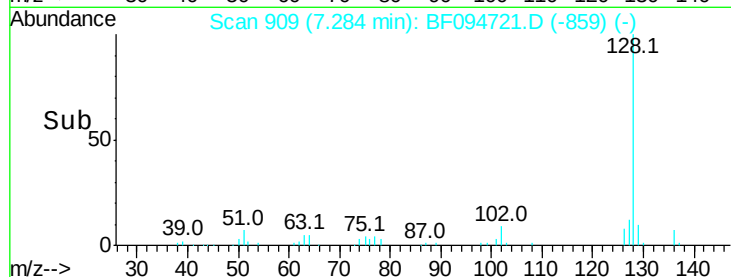
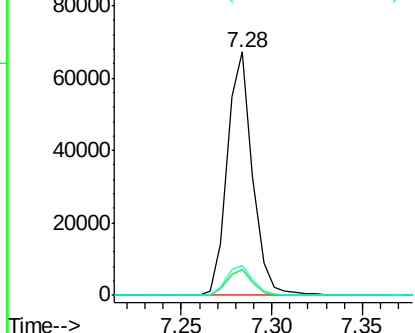
#31
Naphthalene
Concen: 2.84 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094721.D
Acq: 30 Apr 2017 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 64804
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.4 10.8 16.2

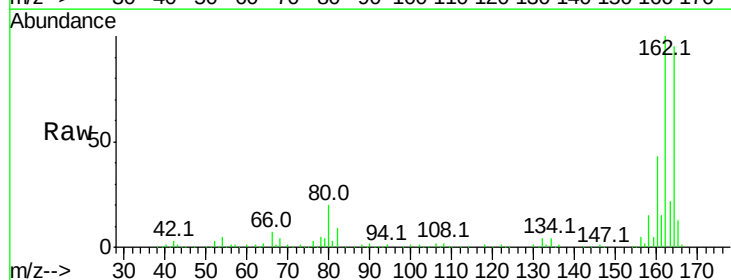


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

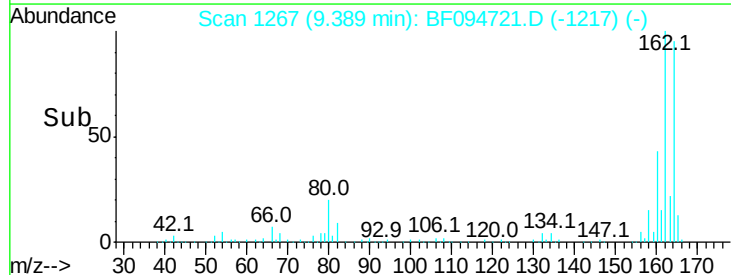
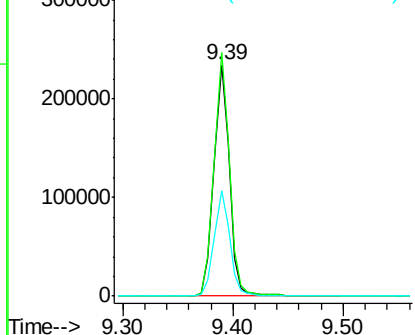


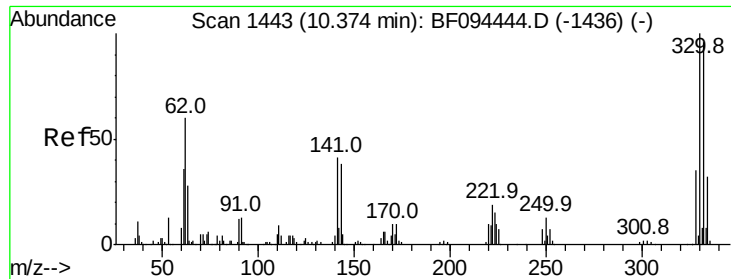
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094721.D
Acq: 30 Apr 2017 18:15

Tgt Ion:164 Resp: 227890
Ion Ratio Lower Upper
164 100
162 105.4 82.6 123.8
160 45.4 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

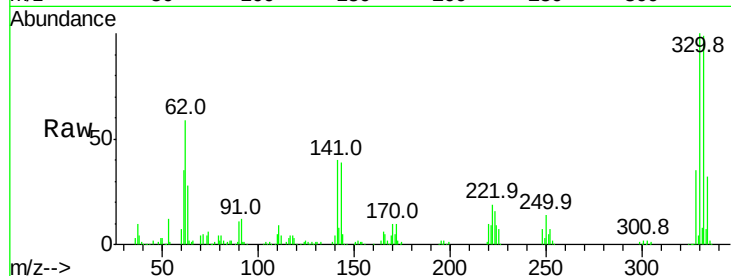




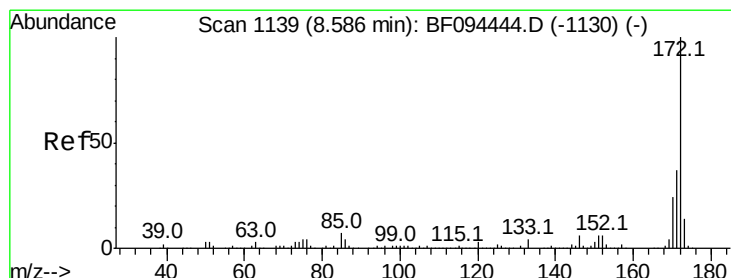
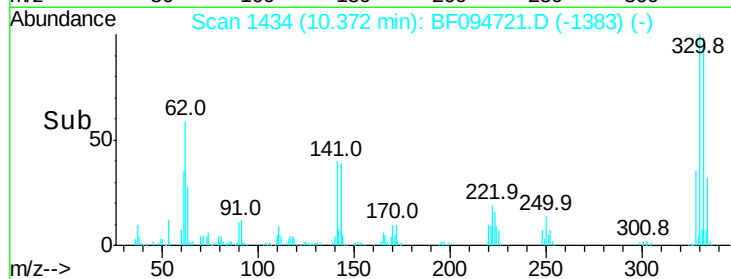
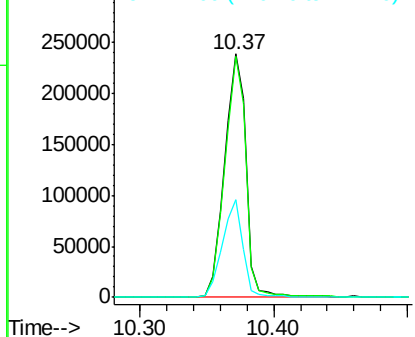
#41
 2,4,6-Tribromophenol
 Concen: 152.93 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 272594
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 38.7 31.4 47.2

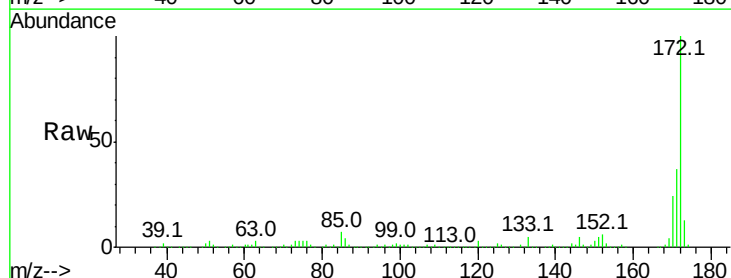


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

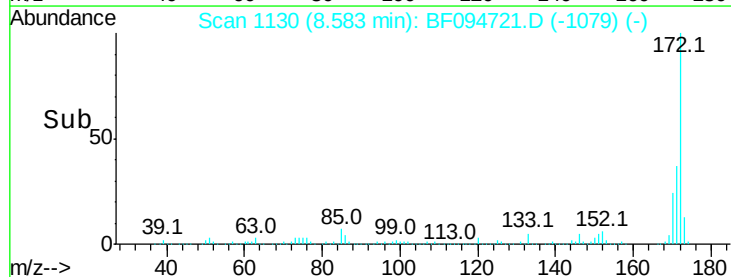
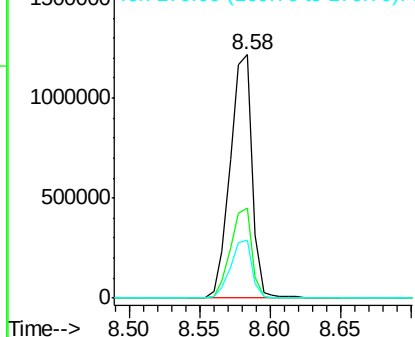


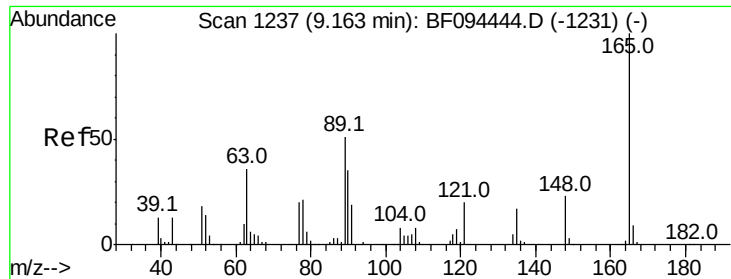
#44
 2-Fluorobiphenyl
 Concen: 85.14 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Tgt Ion:172 Resp: 1318683
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

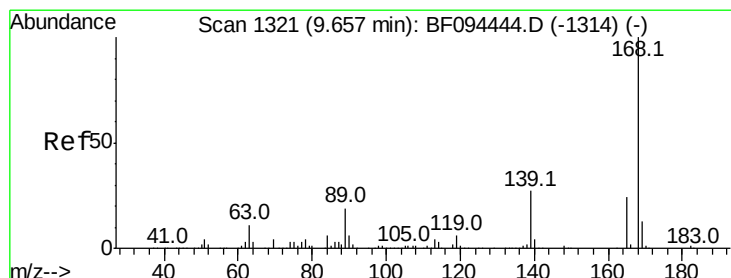
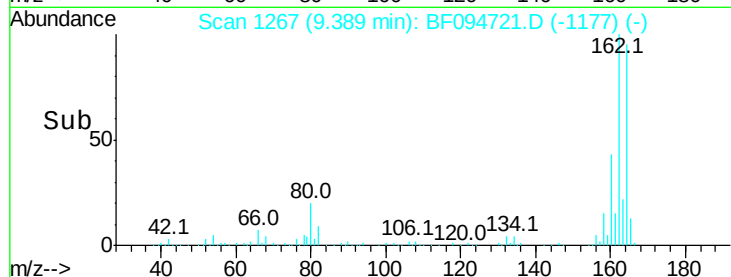
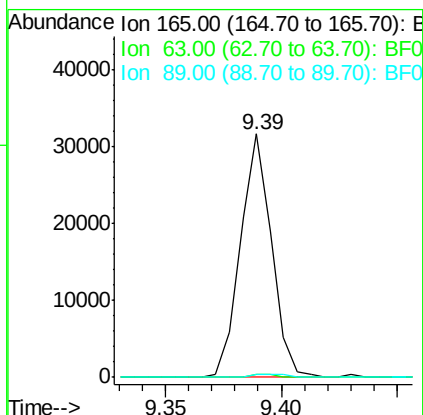
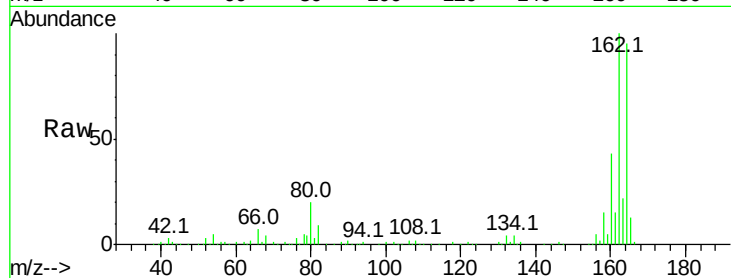




#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

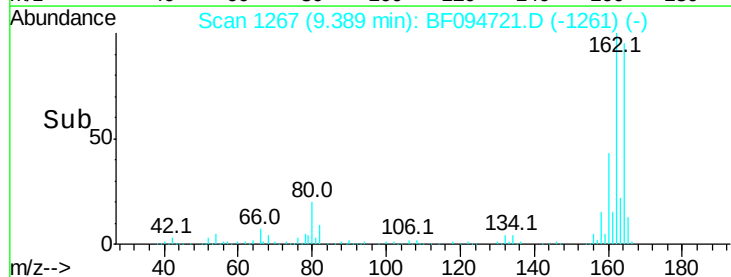
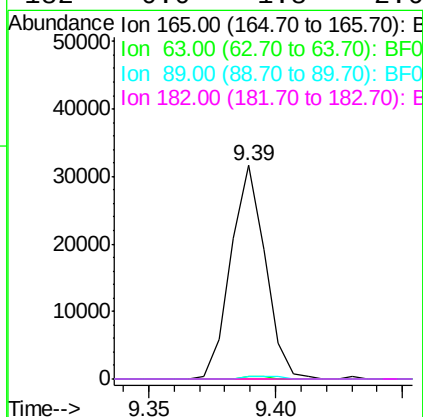
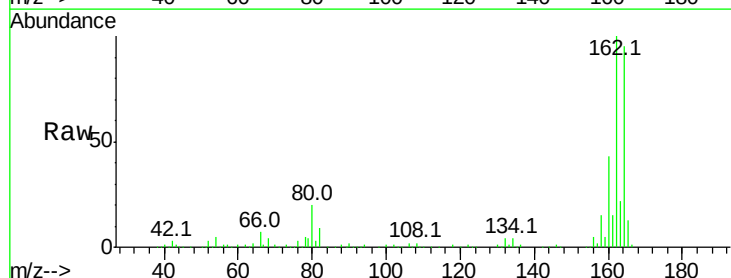
Instrument :
 BNA_F
 ClientSampleId :

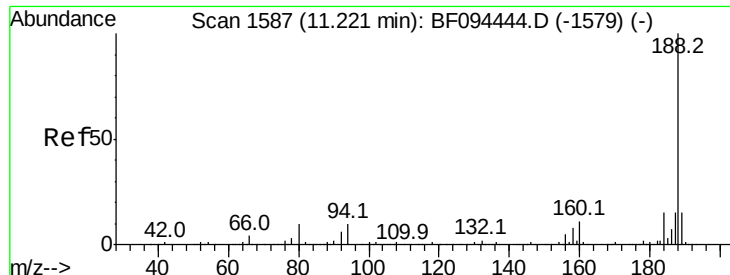
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.3	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

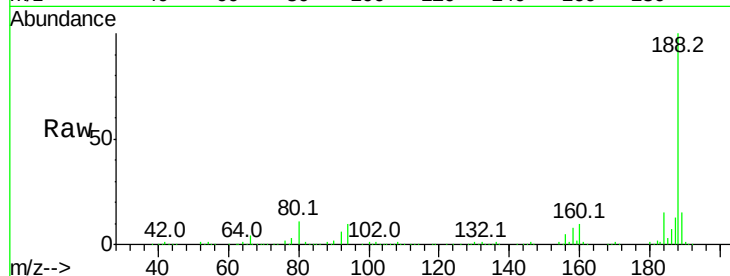




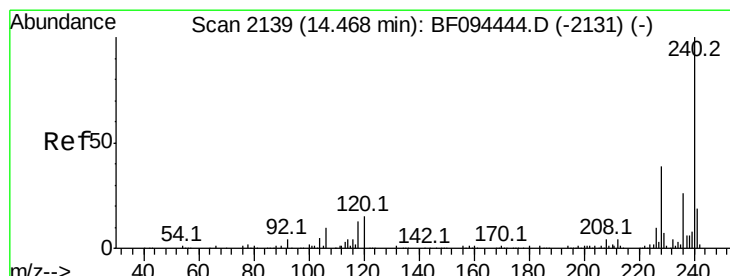
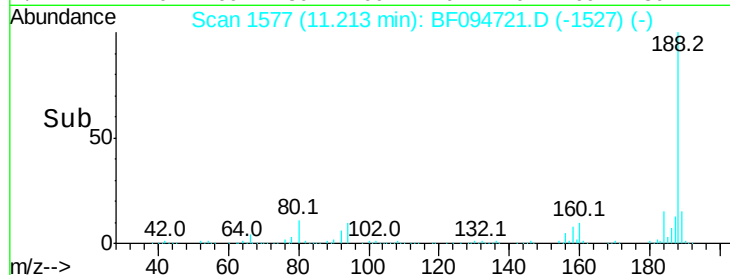
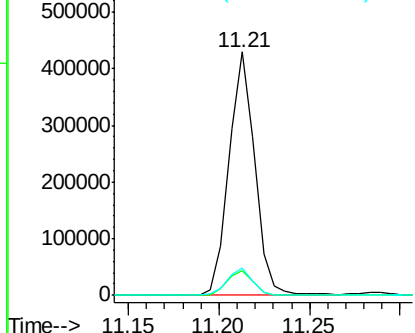
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.5	10.2	15.2

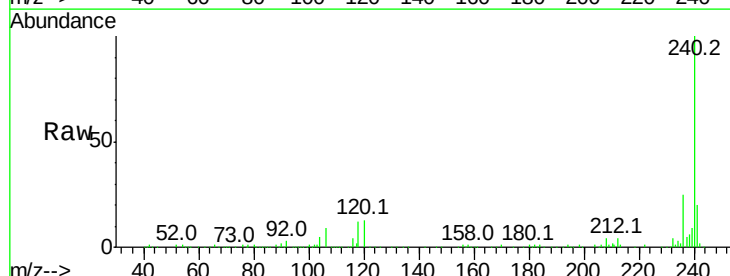


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

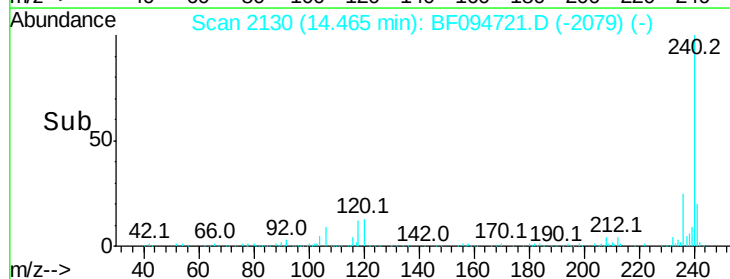
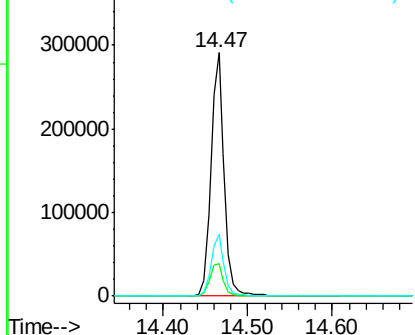


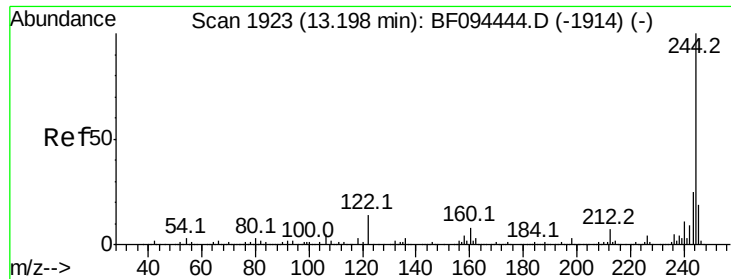
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.2	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

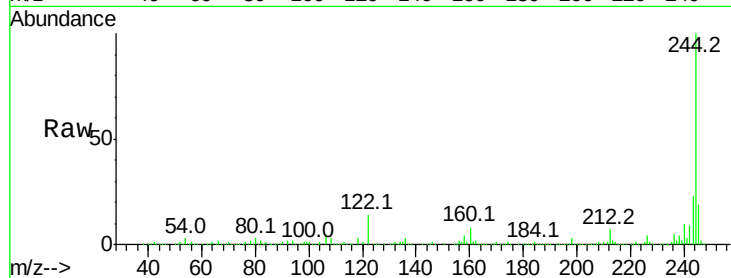




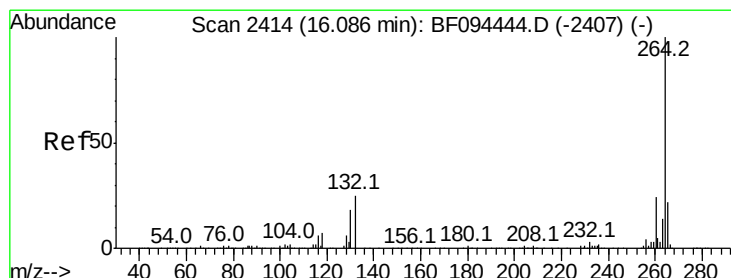
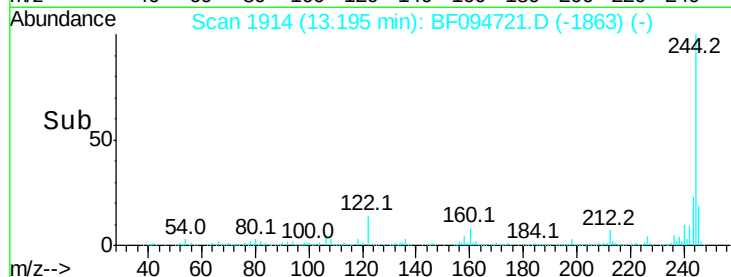
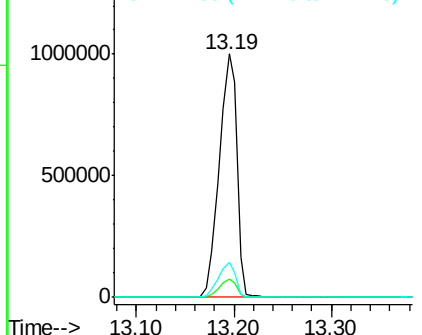
#78
 Terphenyl-d14
 Concen: 104.73 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1263838
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.2 10.3 15.5

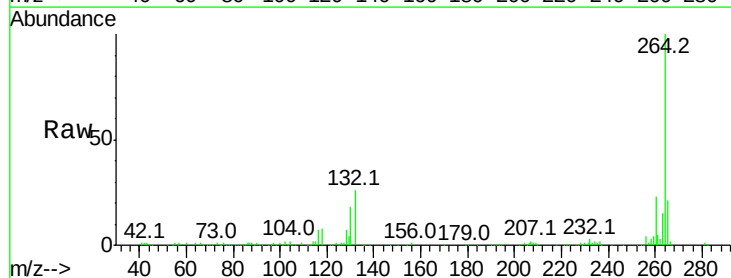


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094721.D
 Acq: 30 Apr 2017 18:15

Tgt Ion:264 Resp: 194175
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.9 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

