

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094722.D
 Acq On : 30 Apr 2017 18:42
 Operator : SJ/MA
 Sample : I2895-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:21:36 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

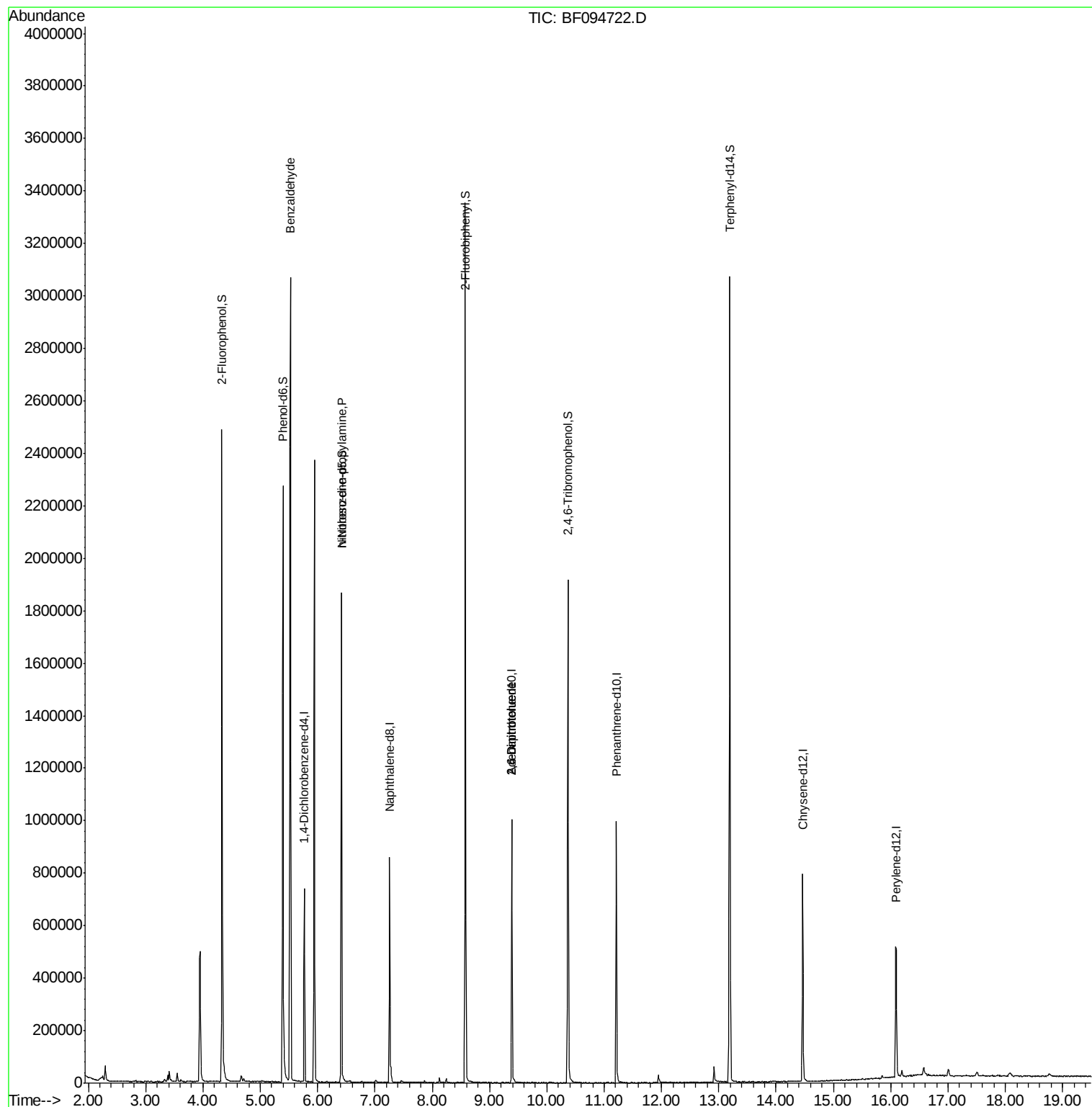
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	112547	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	452989	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	217176	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	410342	20.00	ng	0.00
75) Chrysene-d12	14.47	240	328298	20.00	ng	0.00
86) Perylene-d12	16.09	264	221320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	831245	122.53	ng	0.03
7) Phenol-d6	5.40	99	958147	119.81	ng	0.00
23) Nitrobenzene-d5	6.42	82	652252	88.91	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	261251	153.79	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1250082	84.69	ng	0.00
78) Terphenyl-d14	13.19	244	1232982	100.39	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	17548	2.88	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	6.42	70	84281	15.91	ng	# 77
50) 2,6-Dinitrotoluene	9.39	165	27574	7.59	ng	# 34
56) 2,4-Dinitrotoluene	9.39	165	27573	6.19	ng	# 33

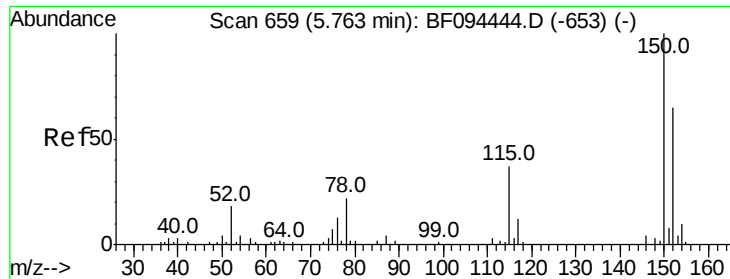
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094722.D
Acq On : 30 Apr 2017 18:42
Operator : SJ/MA
Sample : I2895-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 01:21:36 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



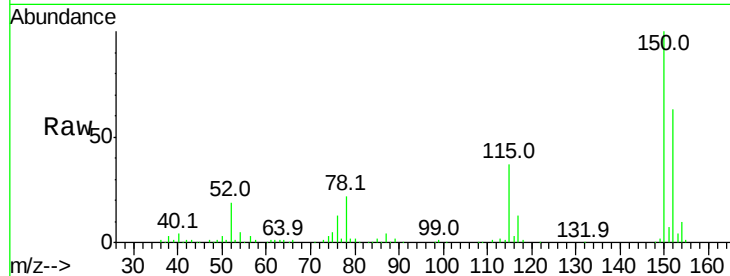


#1

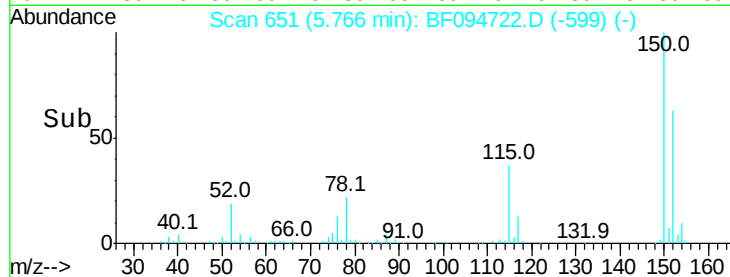
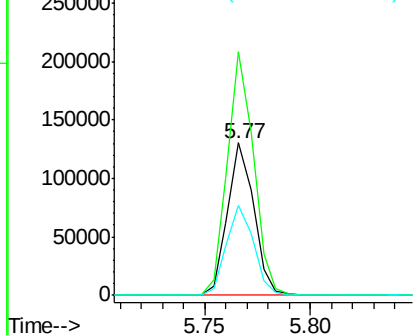
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112547
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 59.0 52.2 78.2



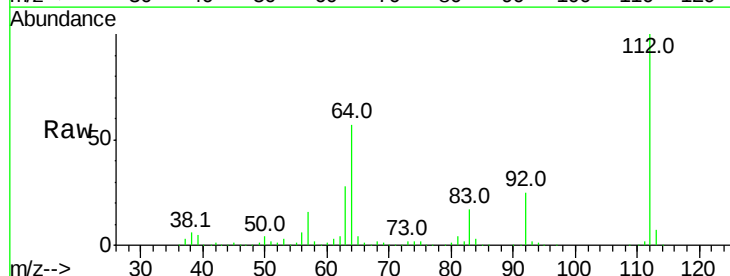
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



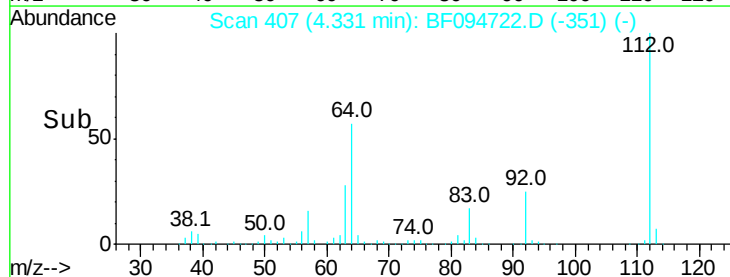
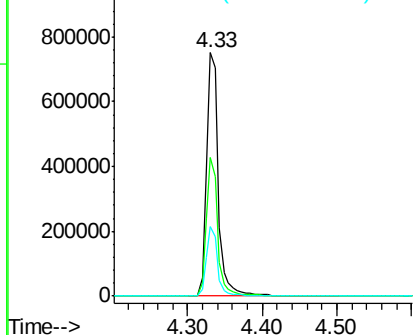
#5

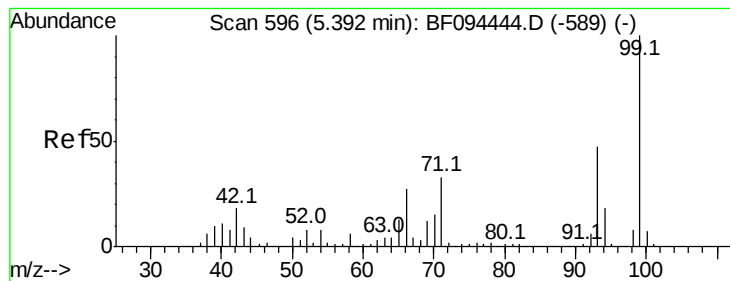
2-Fluorophenol
Concen: 122.53 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Tgt Ion:112 Resp: 831245
Ion Ratio Lower Upper
112 100
64 56.9 46.0 69.0
63 28.4 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: 119.81 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094722.D

Acq: 30 Apr 2017 18:42

Instrument :

BNA_F

ClientSampled :

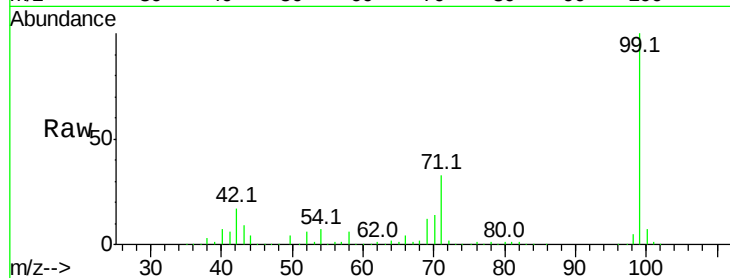
Tot Ion: 99 Resp: 958147

Ion Ratio Lower Upper

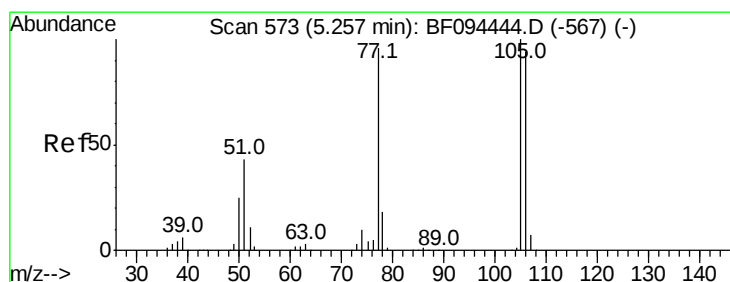
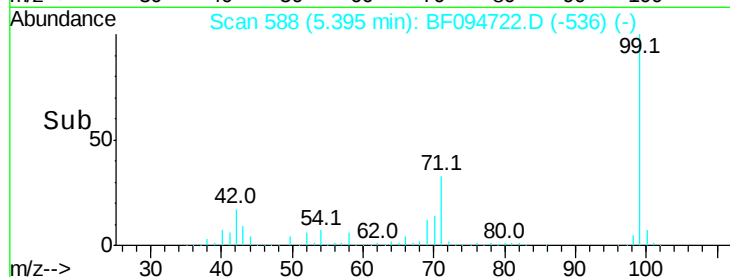
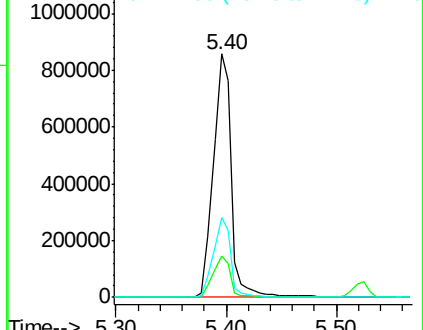
99 100

42 16.9 13.5 20.3

71 32.6 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: 2.88 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094722.D

Acq: 30 Apr 2017 18:42

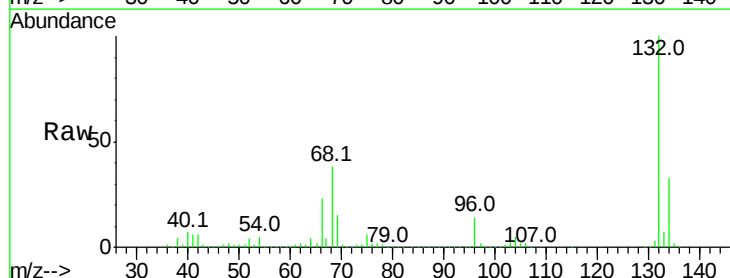
Tgt Ion: 77 Resp: 17548

Ion Ratio Lower Upper

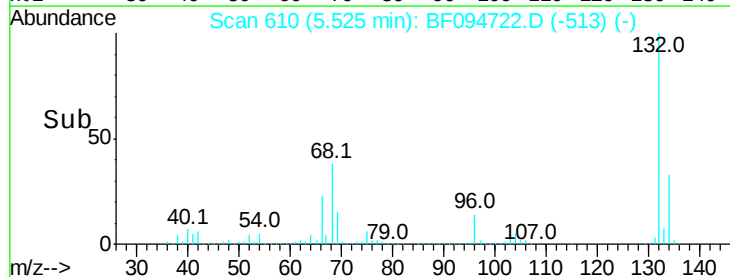
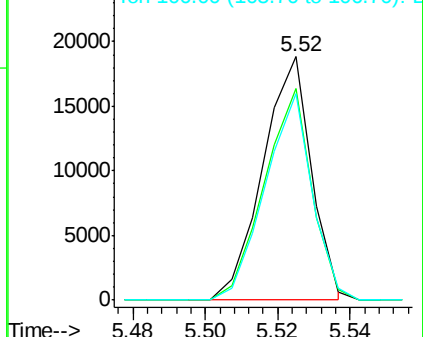
77 100

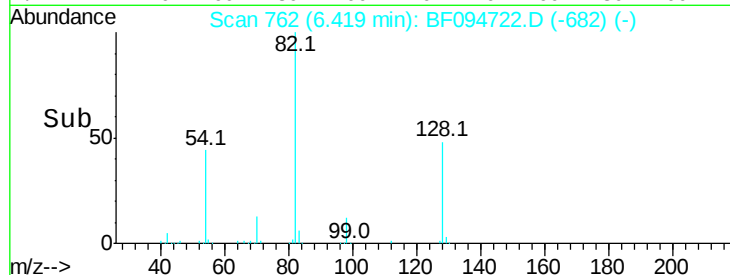
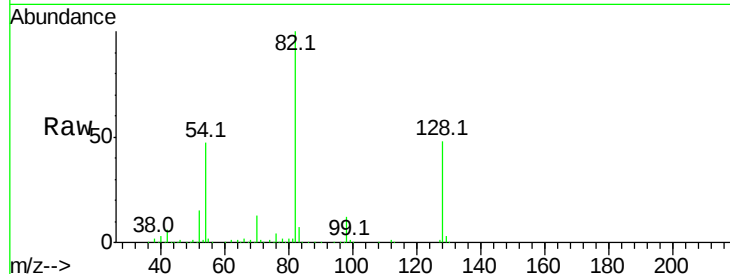
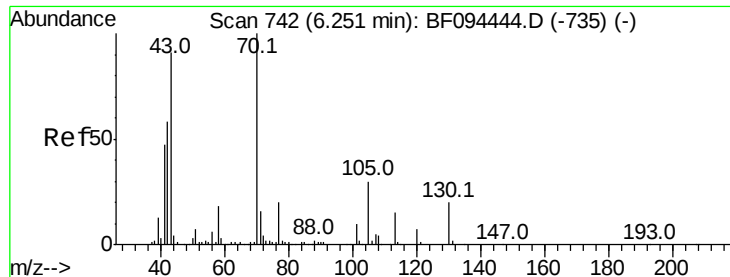
105 86.7 83.8 123.8

106 84.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

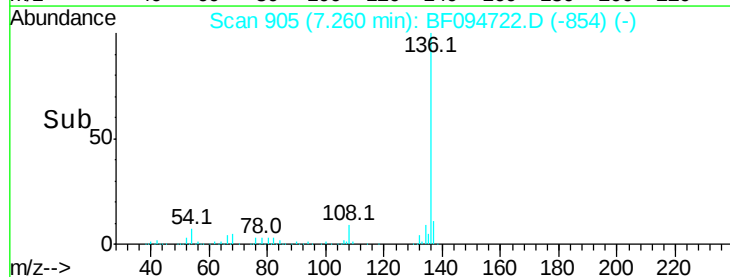
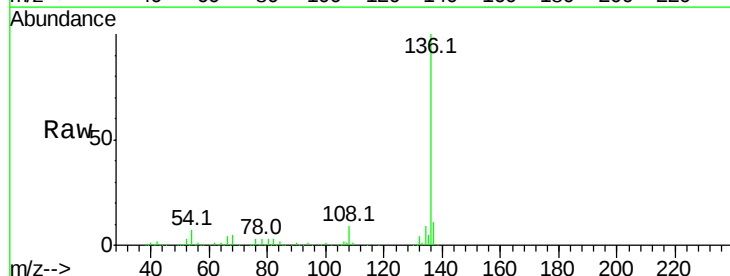
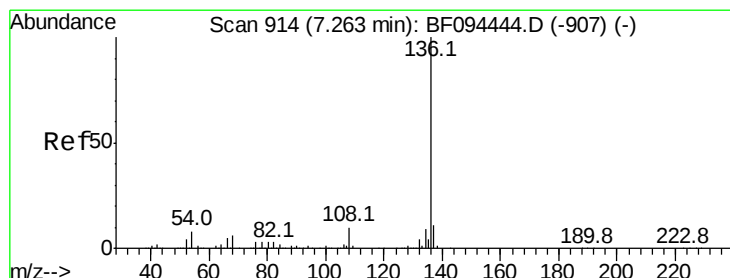
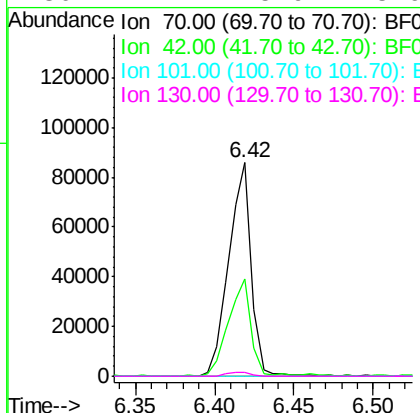




#19
n-Nitroso-di-n-propylamine
Concen: 15.91 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

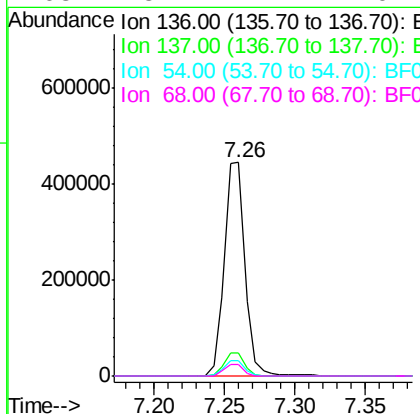
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84281
Ion Ratio Lower Upper
70 100
42 45.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Tgt Ion:136 Resp: 452989
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.0 4.9 7.3
68 5.4 4.1 6.1

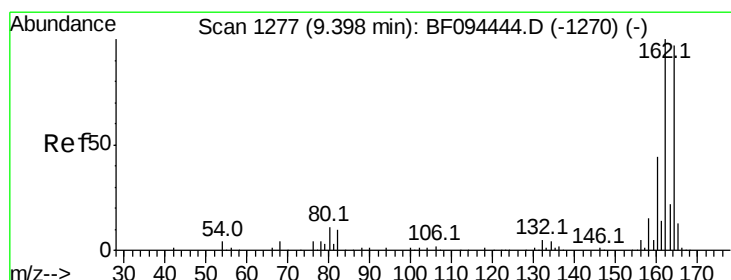
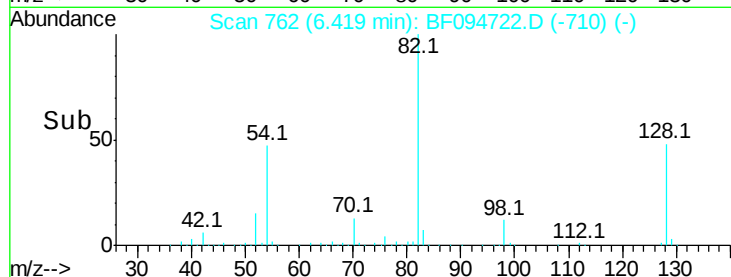
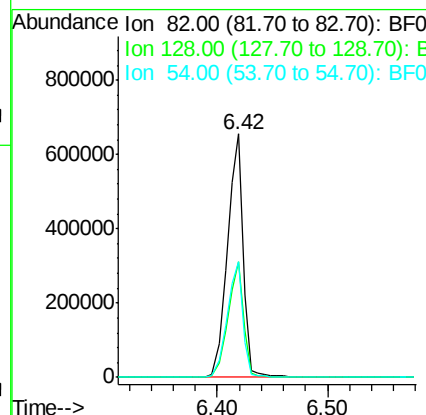
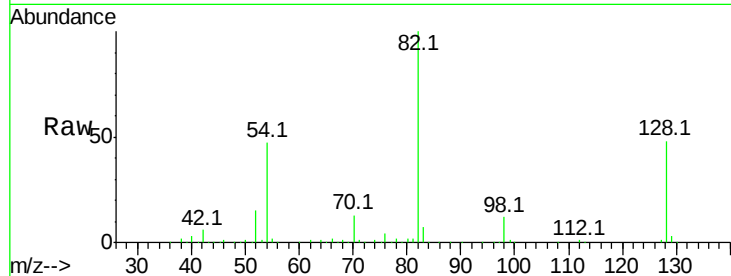




#23
 Nitrobenzene-d5
 Concen: 88.91 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

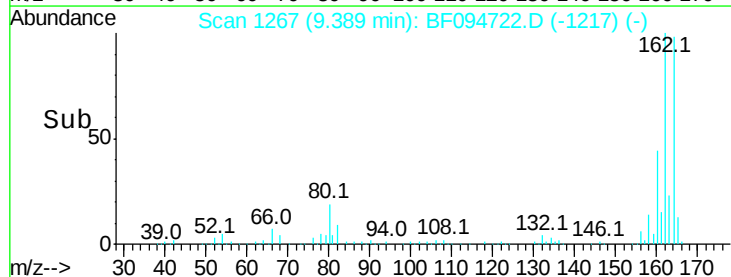
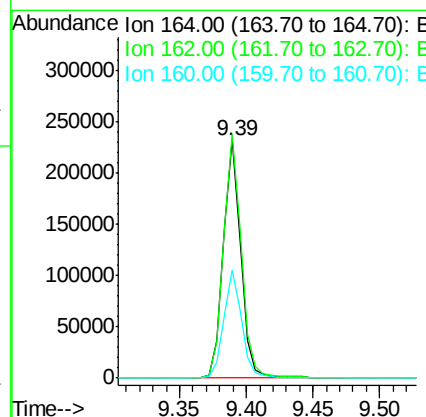
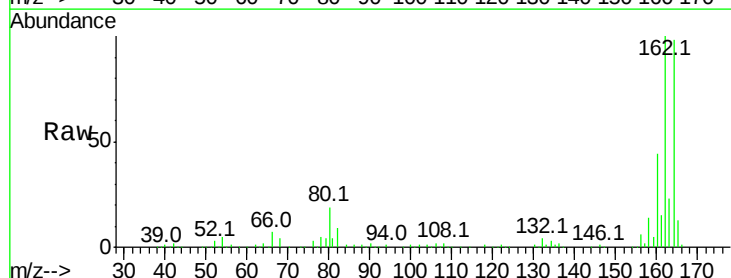
Instrument :
 BNA_F
 ClientSampleId :

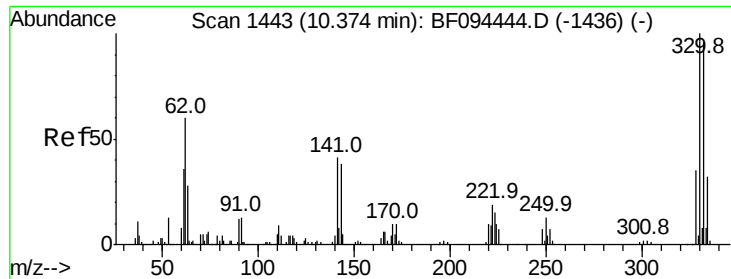
Tot Ion: 82 Resp: 652252
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Tgt Ion:164 Resp: 217176
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 45.2 36.2 54.2

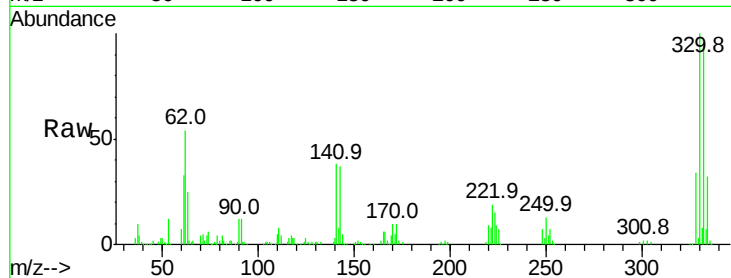




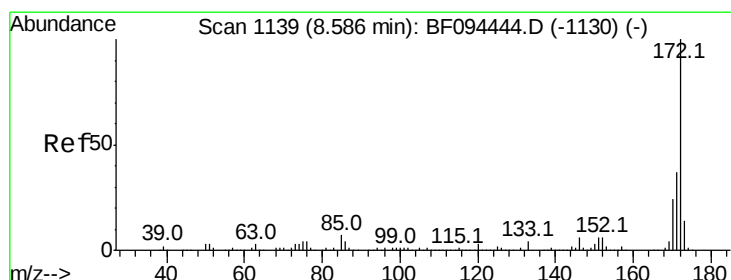
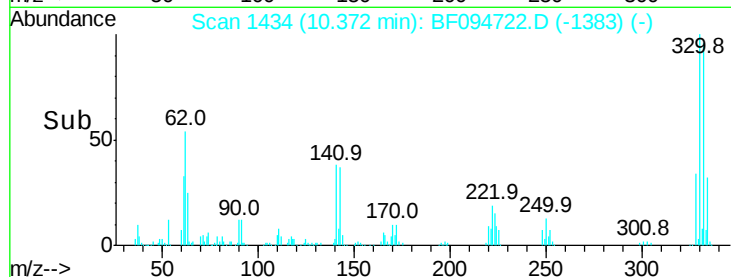
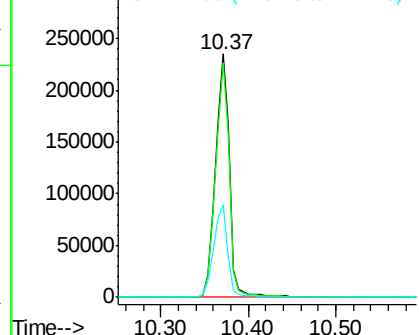
#41
 2,4,6-Tribromophenol
 Concen: 153.79 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 261251
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.1 31.4 47.2

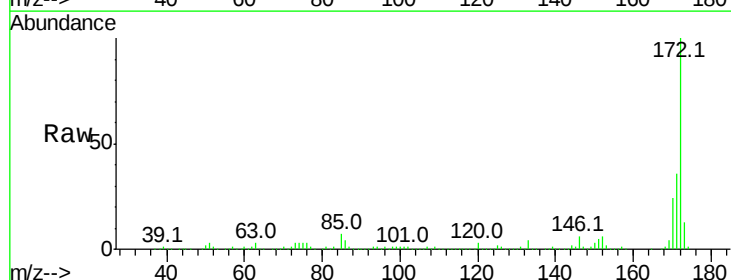


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

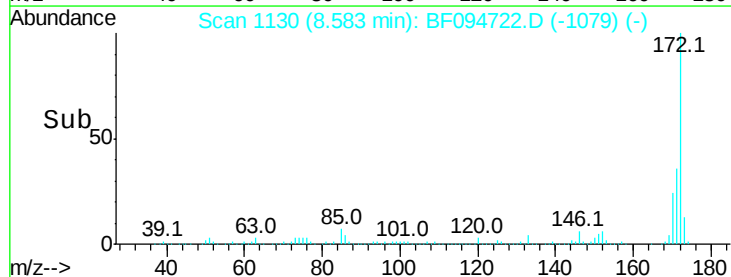
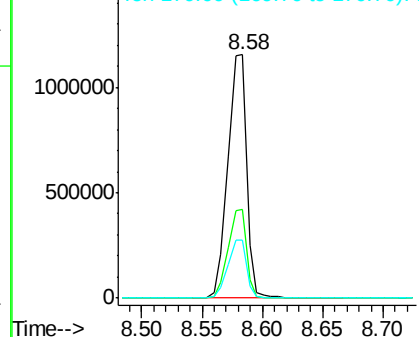


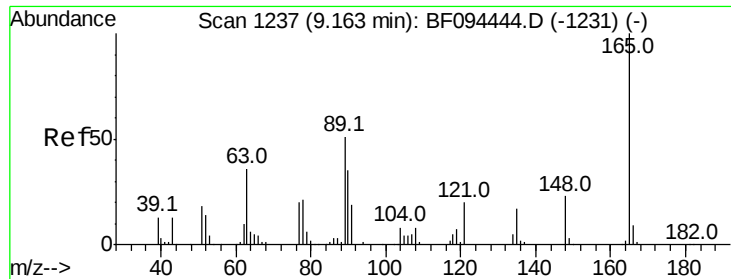
#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Tgt Ion:172 Resp: 1250082
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

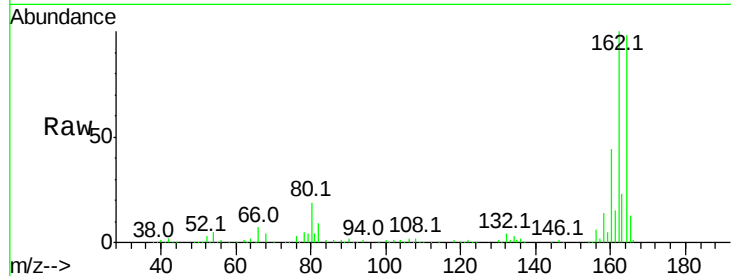




#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.39 min Scan# 1267
Delta R.T. 0.23 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Instrument :
BNA_F
ClientSampleId :

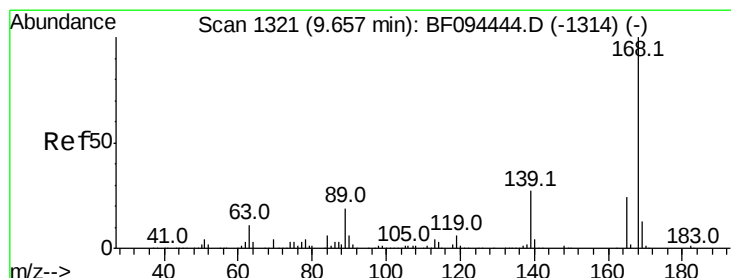
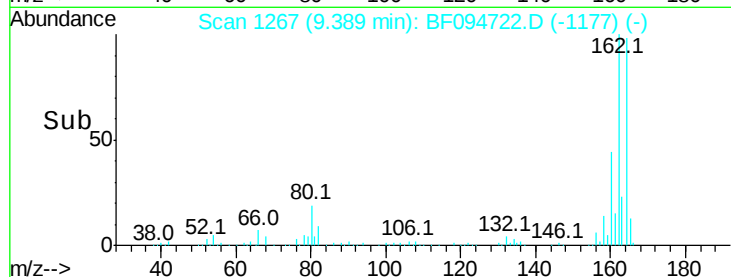
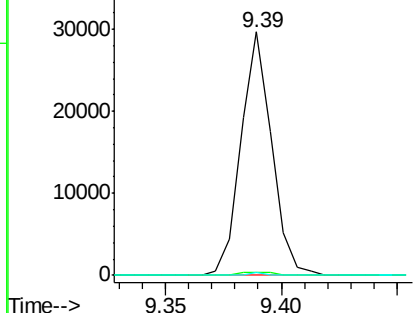
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.4	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

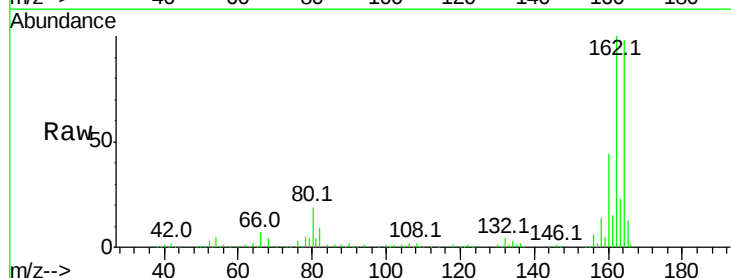
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

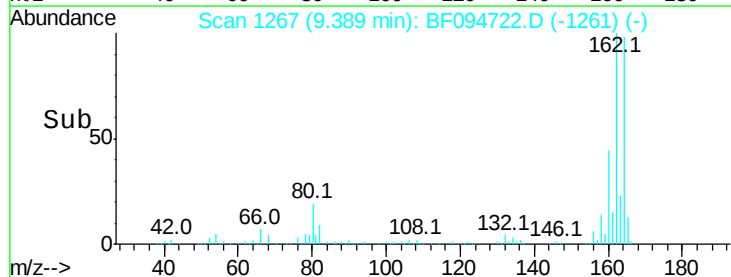
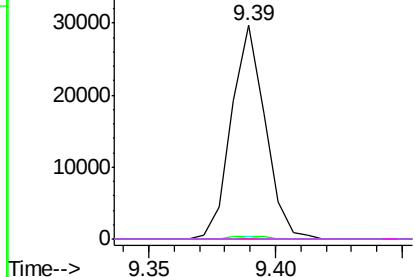


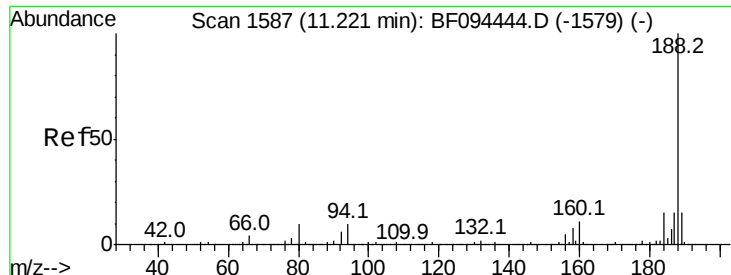
Abundance Ion 165.00 (164.70 to 165.70): E

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

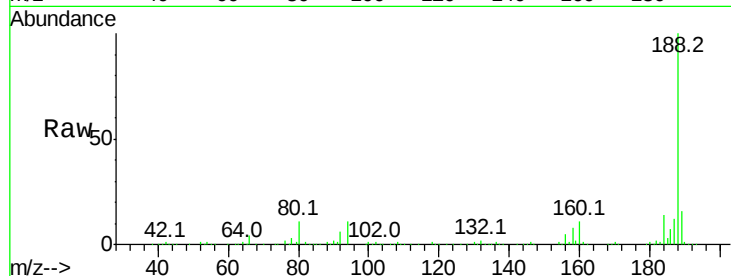




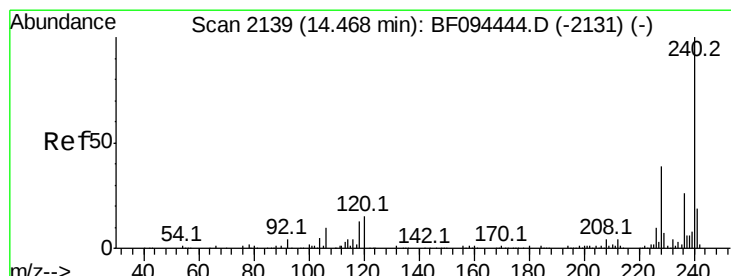
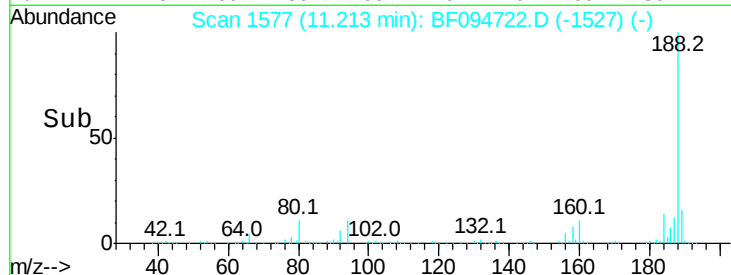
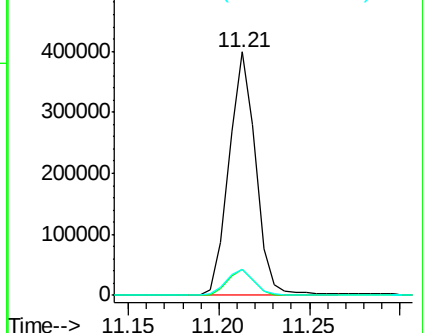
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 410342
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 10.8 10.2 15.2

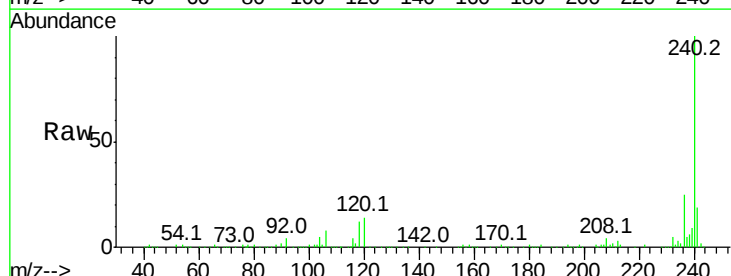


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

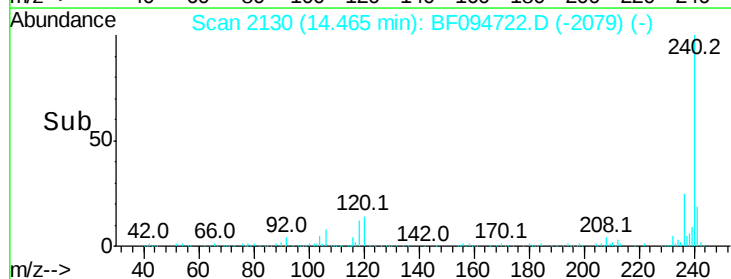
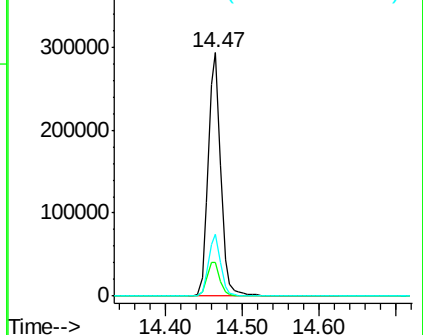


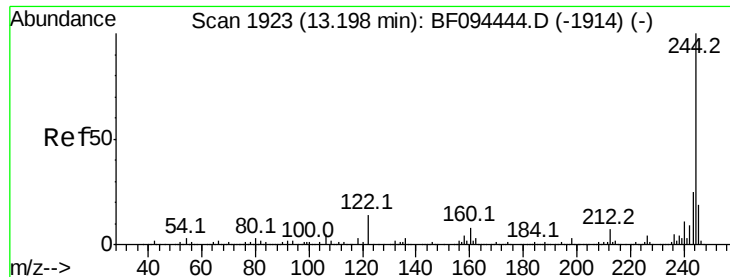
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Tgt Ion:240 Resp: 328298
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 25.4 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: 100.39 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094722.D

Acq: 30 Apr 2017 18:42

Instrument :

BNA_F

ClientSampled :

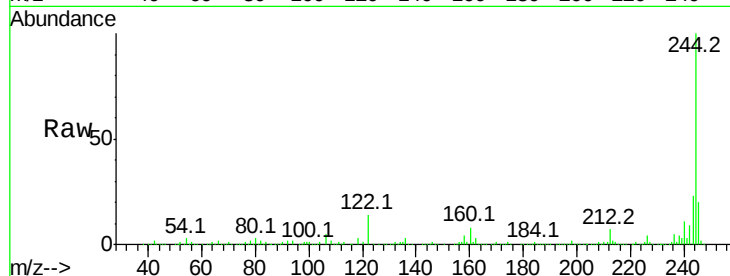
Tot Ion:244 Resp: 1232982

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

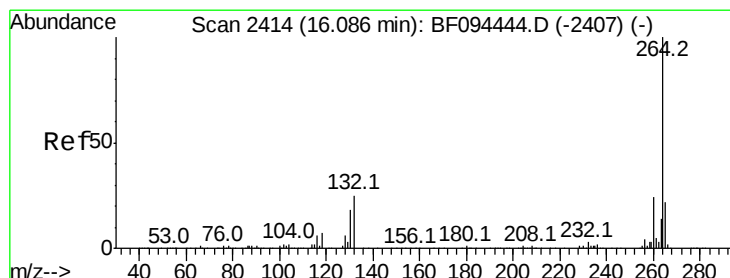
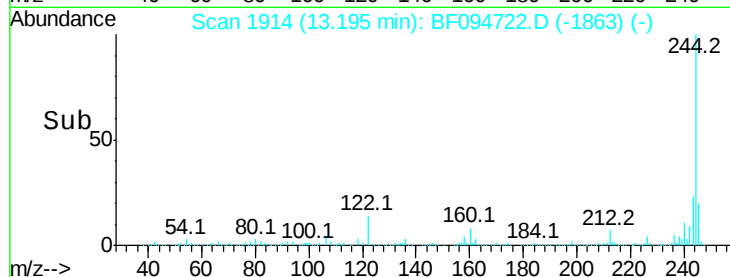
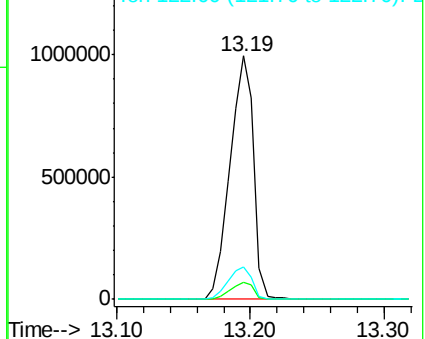
122 13.6 10.3 15.5



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: BF094722.D

Acq: 30 Apr 2017 18:42

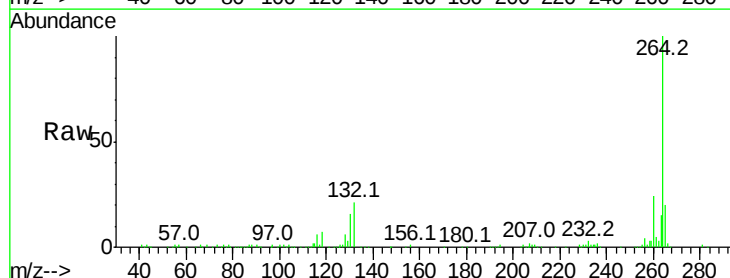
Tgt Ion:264 Resp: 221320

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.4 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

