

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094720.D
 Acq On : 30 Apr 2017 17:47
 Operator : SJ/MA
 Sample : I2895-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:21:15 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

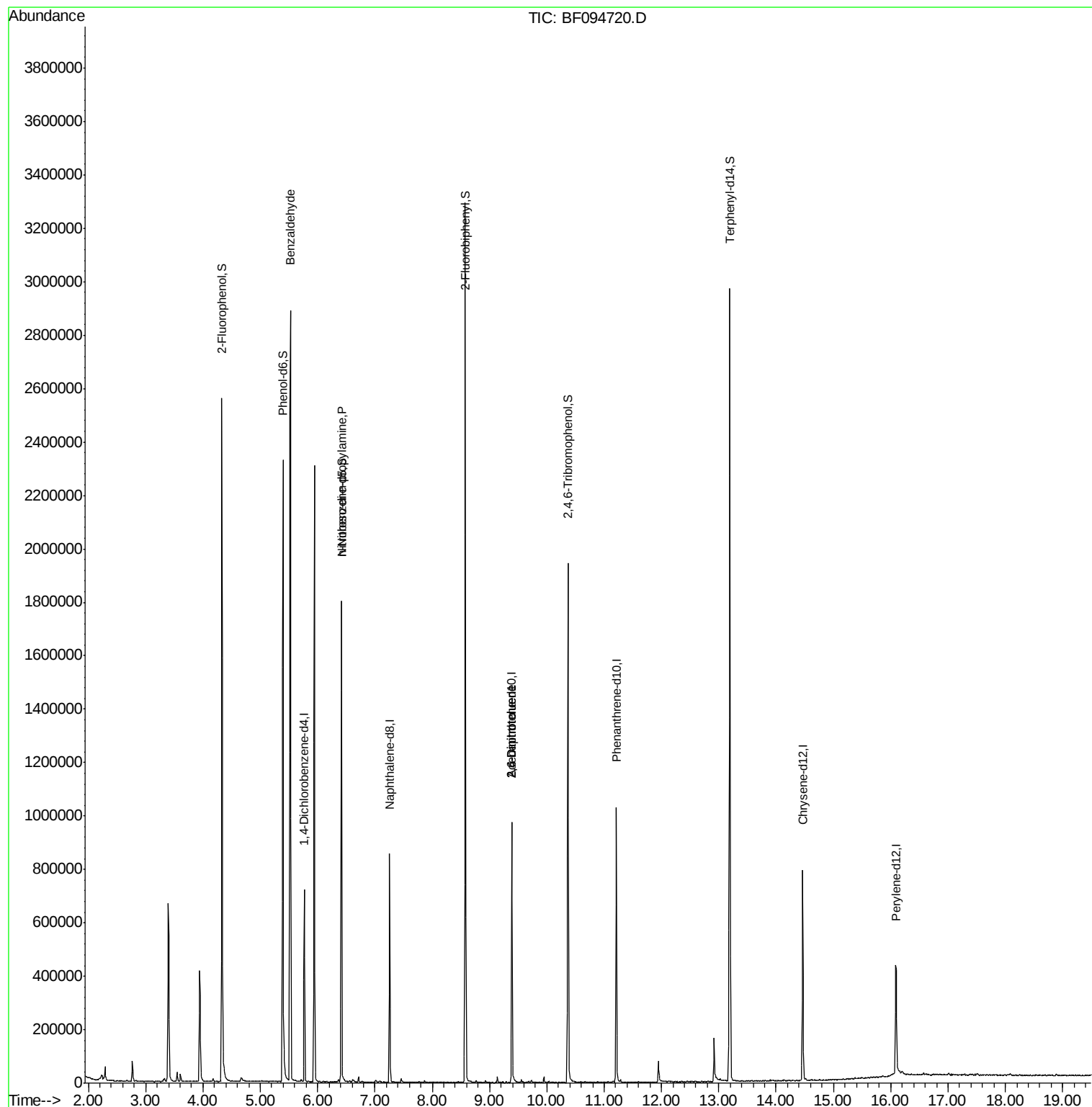
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	109587	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	446435	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	214481	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	404478	20.00	ng	0.00
75) Chrysene-d12	14.47	240	312133	20.00	ng	0.00
86) Perylene-d12	16.09	264	161399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	799856	121.09	ng	0.03
7) Phenol-d6	5.40	99	930299	119.47	ng	0.00
23) Nitrobenzene-d5	6.42	82	633792	87.66	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	254742	151.85	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1250872	85.81	ng	0.00
78) Terphenyl-d14	13.20	244	1197748	102.57	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	16873	2.85	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	6.42	70	83734	16.23	ng	# 74
50) 2,6-Dinitrotoluene	9.39	165	25656	7.15	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	25656	5.83	ng	# 32

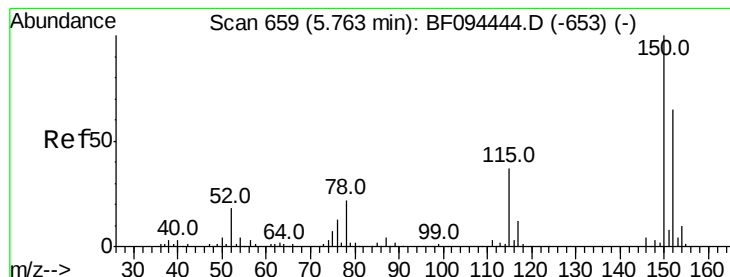
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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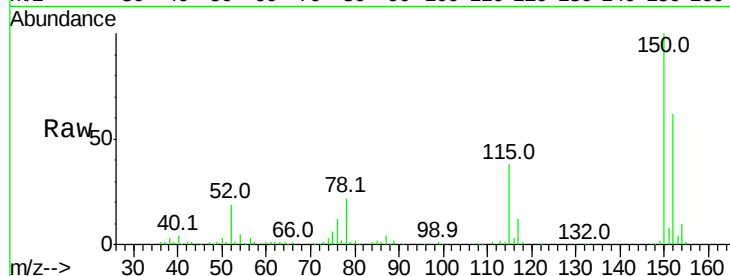


#1

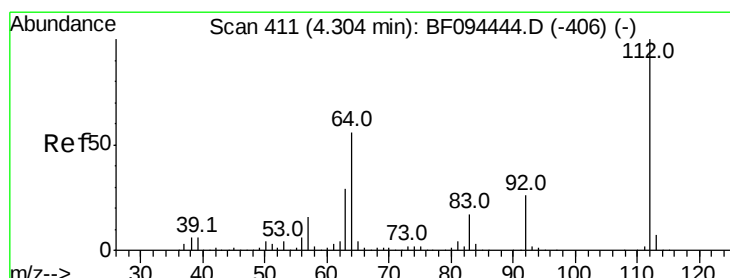
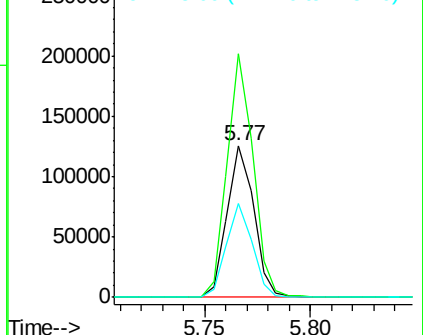
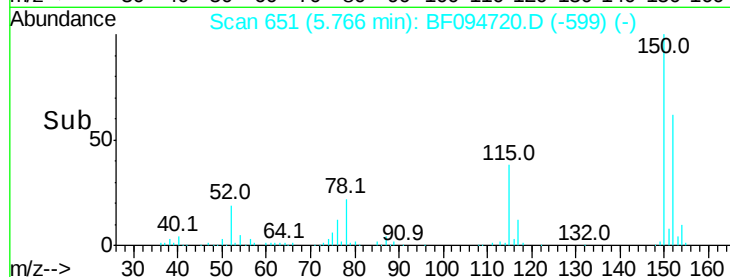
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094720.D
Acq: 30 Apr 2017 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109587
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 61.8 52.2 78.2



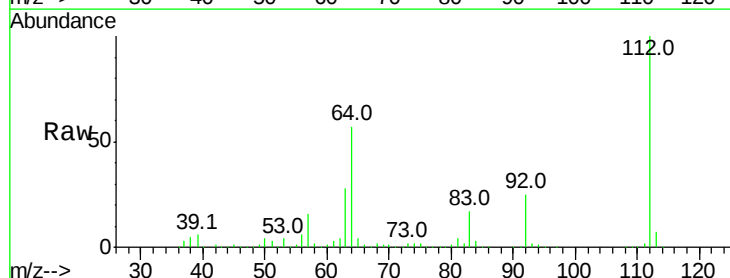
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



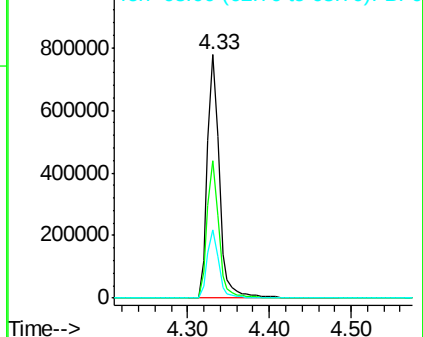
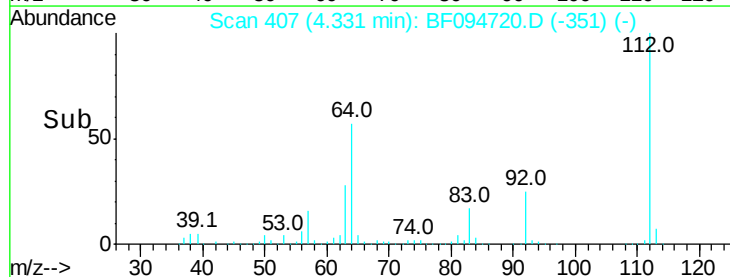
#5

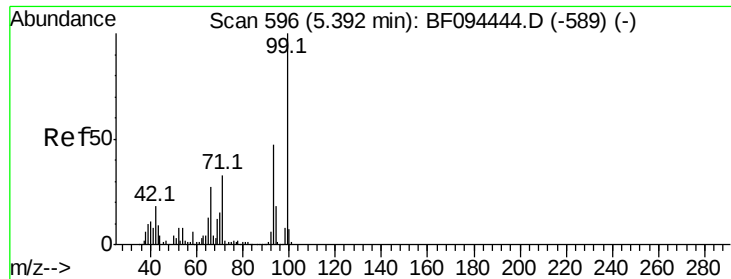
2-Fluorophenol
Concen: 121.09 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094720.D
Acq: 30 Apr 2017 17:47

Tgt Ion:112 Resp: 799856
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 28.1 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: 119.47 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094720.D

Acq: 30 Apr 2017 17:47

Instrument :

BNA_F

ClientSampled :

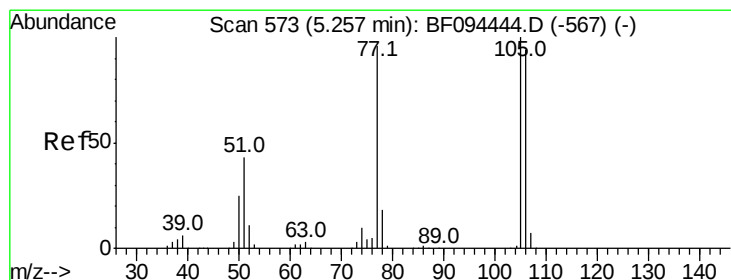
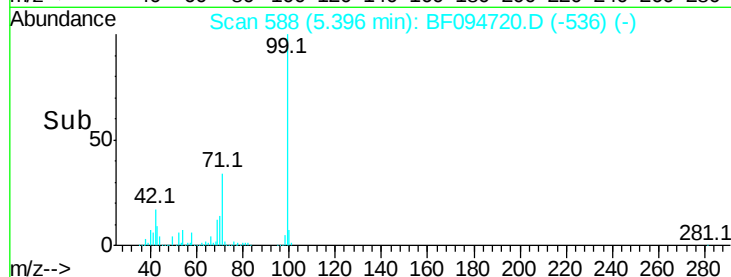
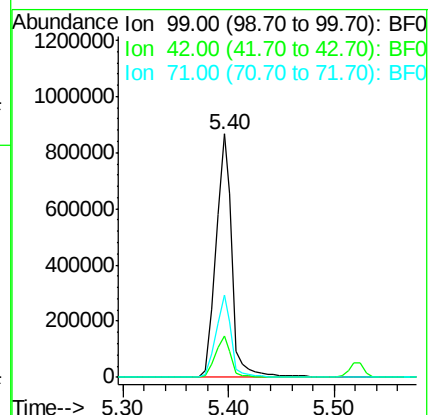
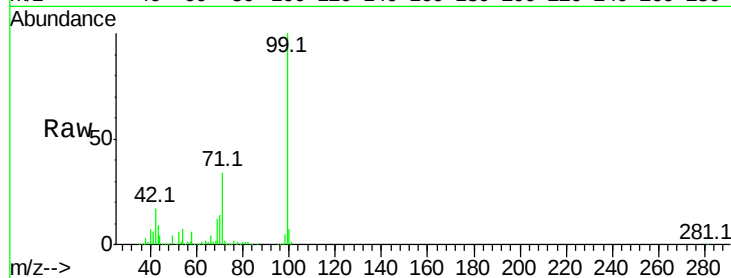
Tot Ion: 99 Resp: 930299

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 33.7 24.5 36.7



#9

Benzaldehyde

Concen: 2.85 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094720.D

Acq: 30 Apr 2017 17:47

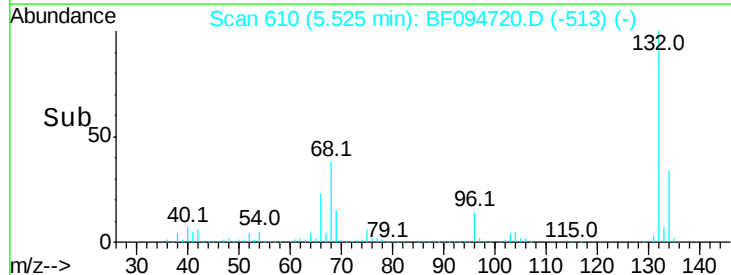
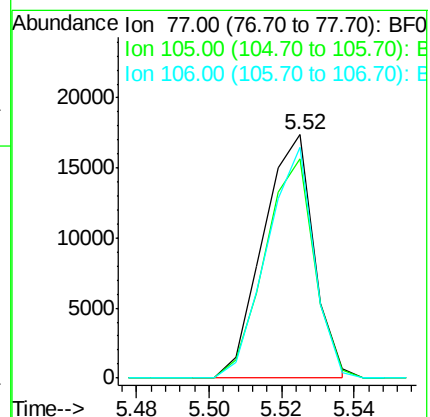
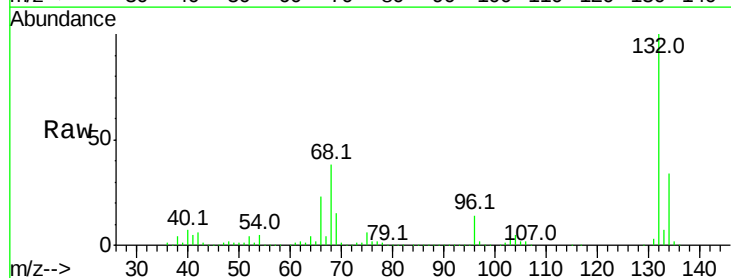
Tgt Ion: 77 Resp: 16873

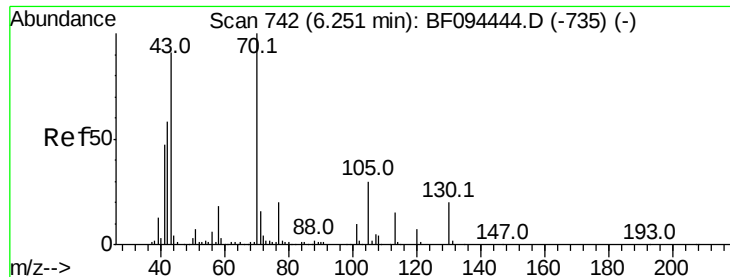
Ion Ratio Lower Upper

77 100

105 89.9 83.8 123.8

106 94.6 79.1 119.1

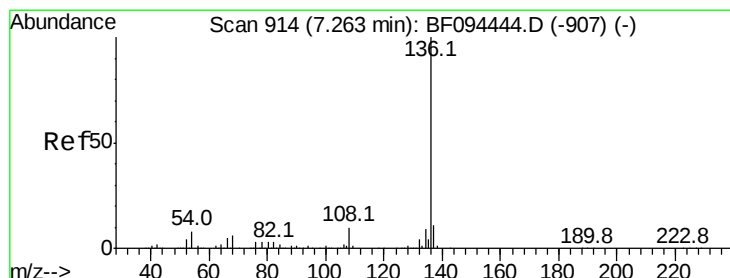
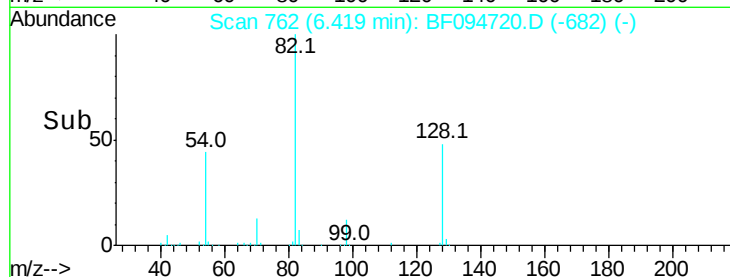
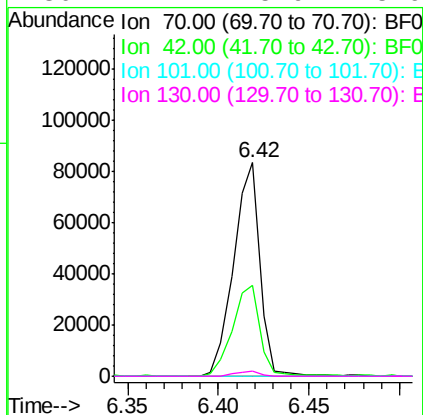
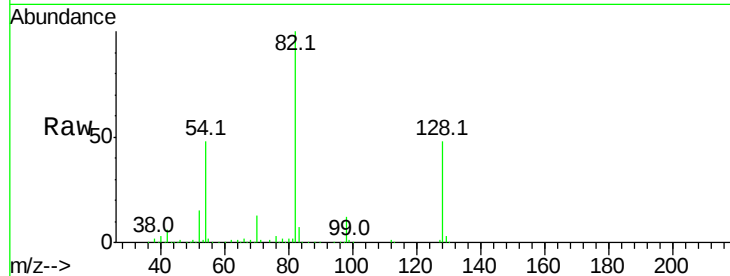




#19
n-Nitroso-di-n-propylamine
Concen: 16.23 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094720.D
Acq: 30 Apr 2017 17:47

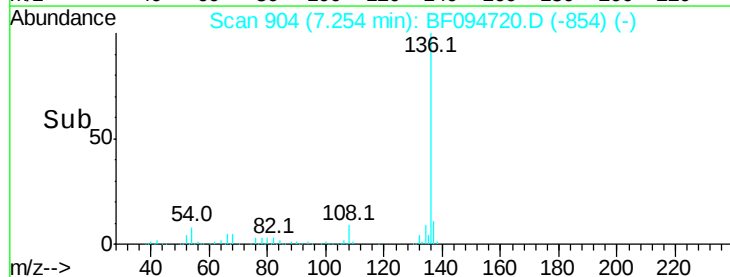
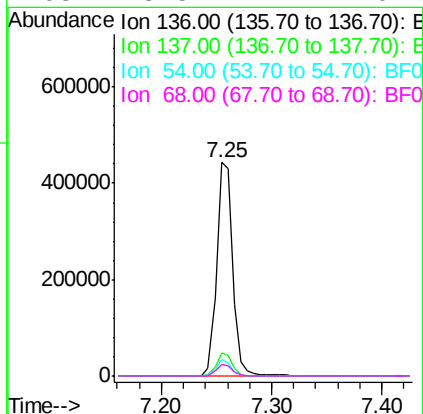
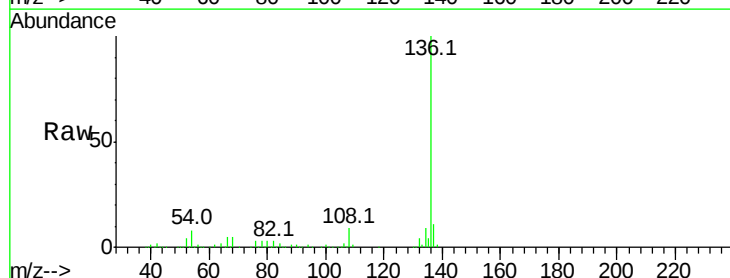
Instrument :
BNA_F
ClientSampleId :

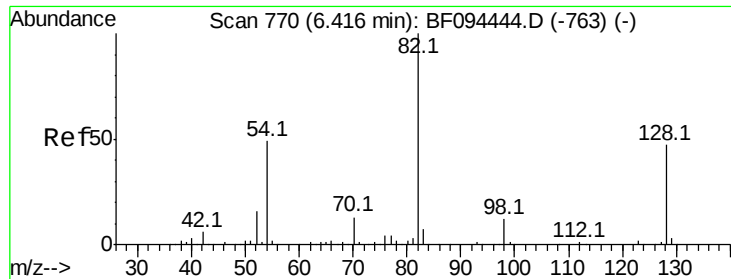
Tot Ion: 70 Resp: 83734
Ion Ratio Lower Upper
70 100
42 42.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094720.D
Acq: 30 Apr 2017 17:47

Tgt Ion:136 Resp: 446435
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.8 4.9 7.3#
68 5.5 4.1 6.1

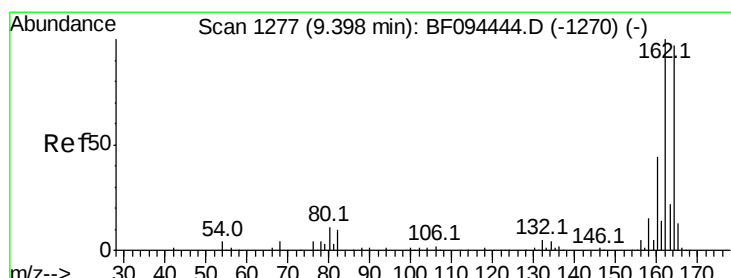
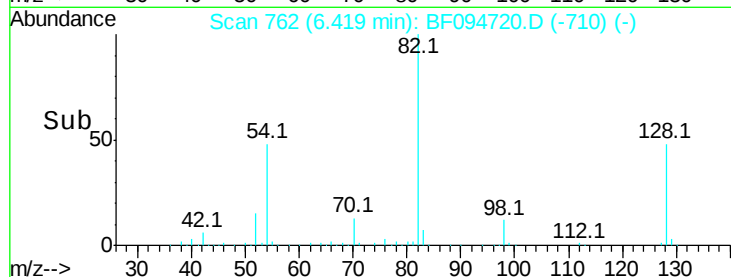
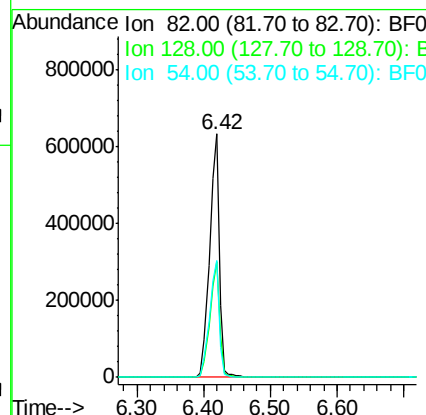
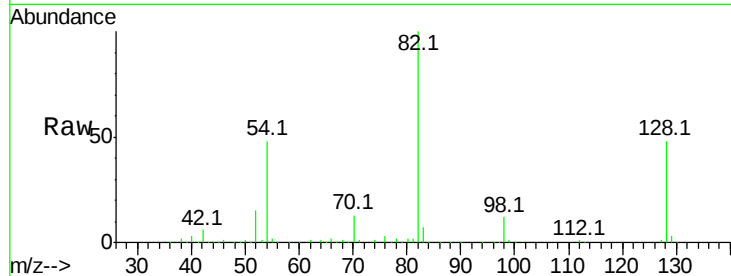




#23
 Nitrobenzene-d5
 Concen: 87.66 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

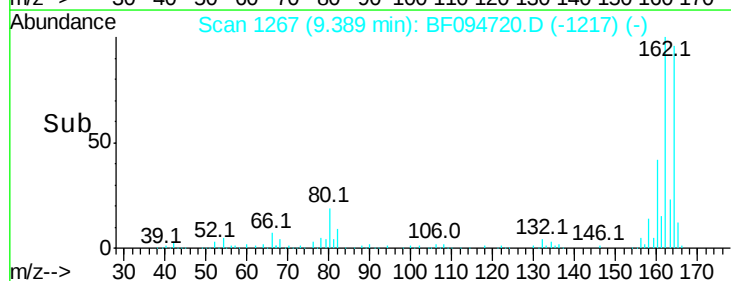
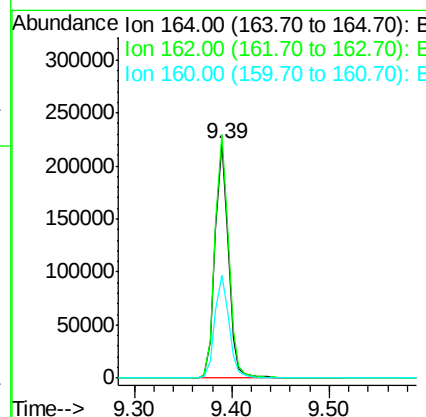
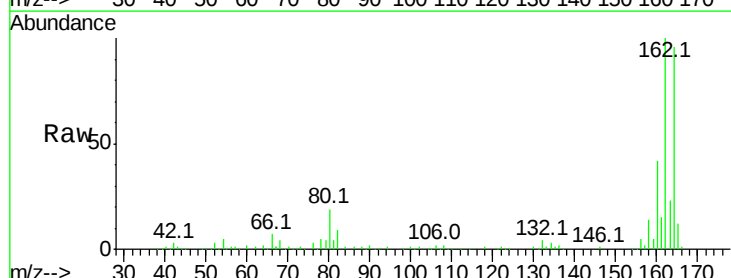
Instrument :
 BNA_F
 ClientSampleId :

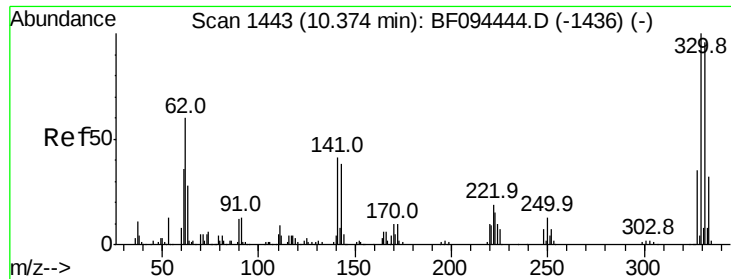
Tot Ion: 82 Resp: 633792
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

Tgt Ion:164 Resp: 214481
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 43.8 36.2 54.2

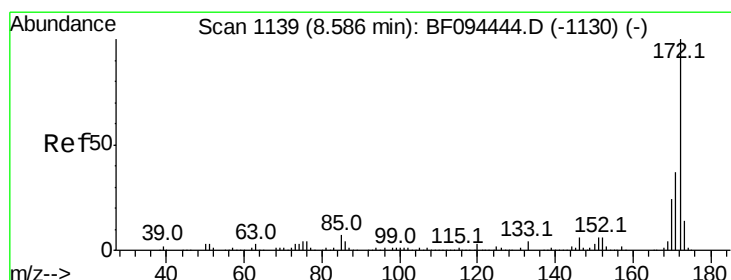
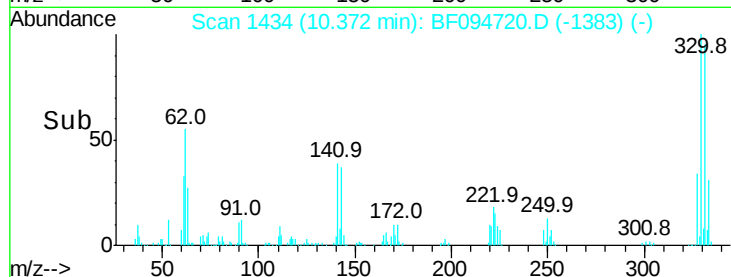
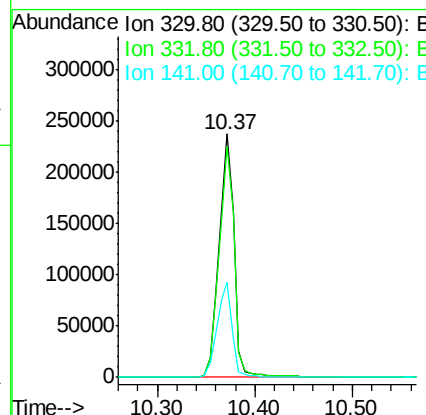
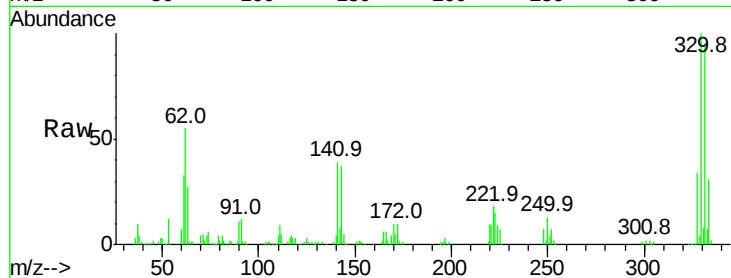




#41
 2,4,6-Tribromophenol
 Concen: 151.85 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

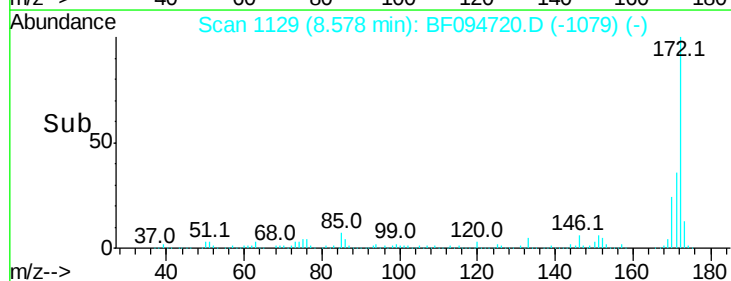
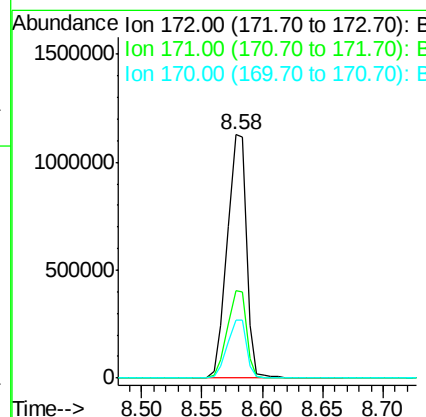
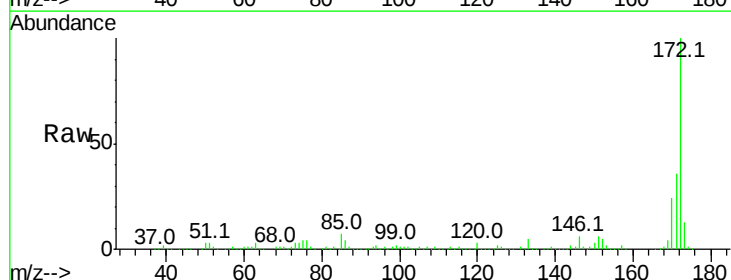
Instrument :
 BNA_F
 ClientSampleId :

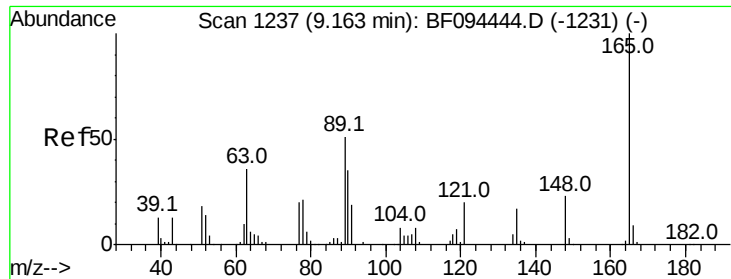
Tot Ion:330 Resp: 254742
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 85.81 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

Tgt Ion:172 Resp: 1250872
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.0 19.8 29.8

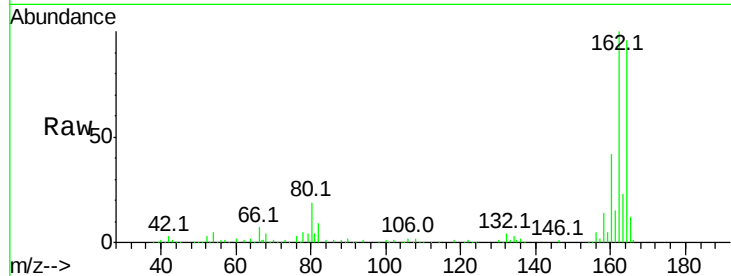




#50
 2,6-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :

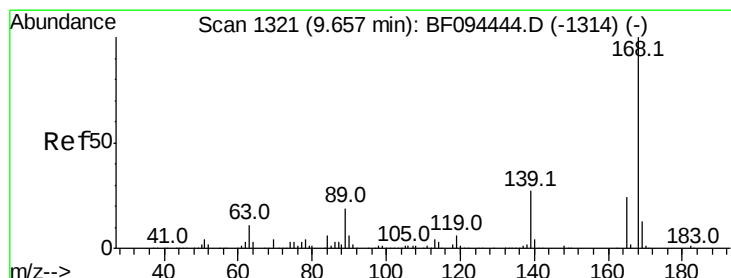
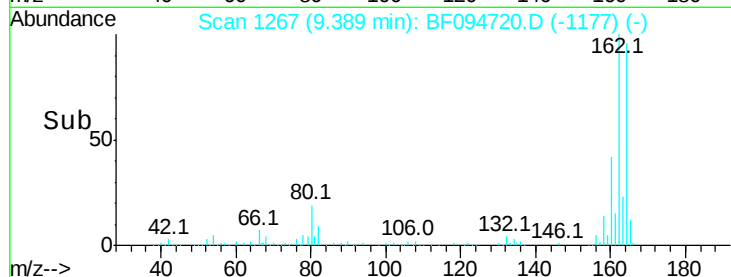
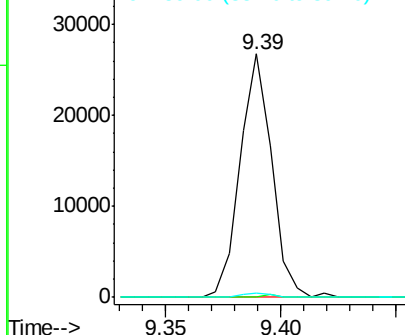
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.7	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

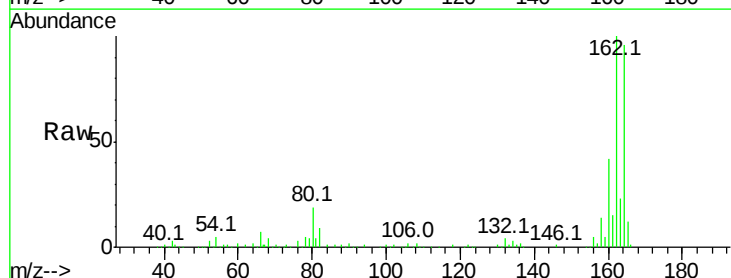
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.83 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

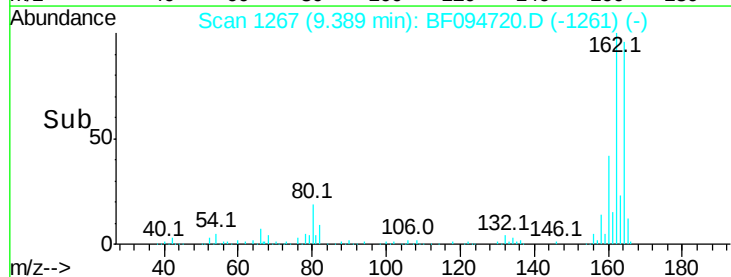
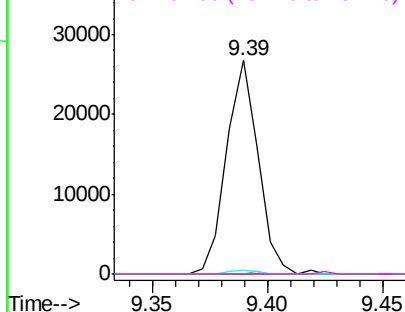


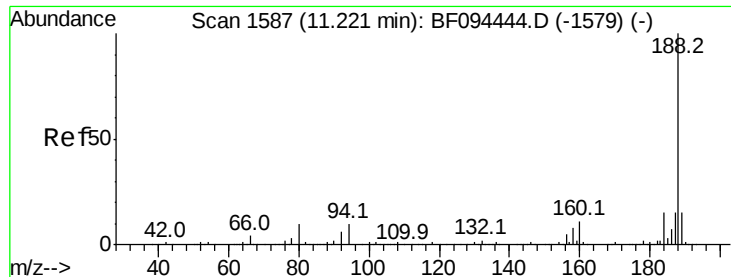
Abundance Ion 165.00 (164.70 to 165.70): E

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

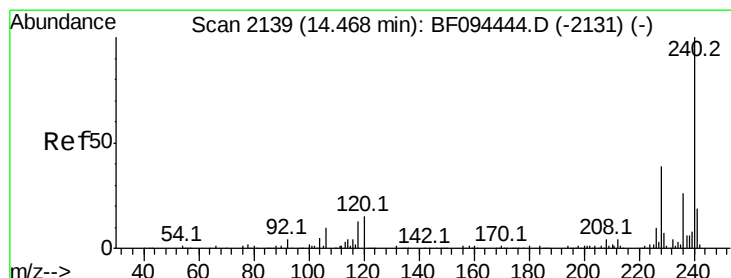
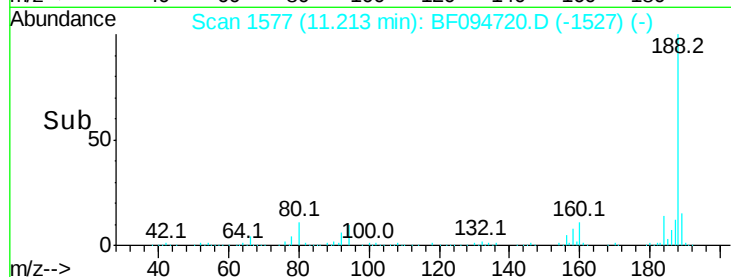
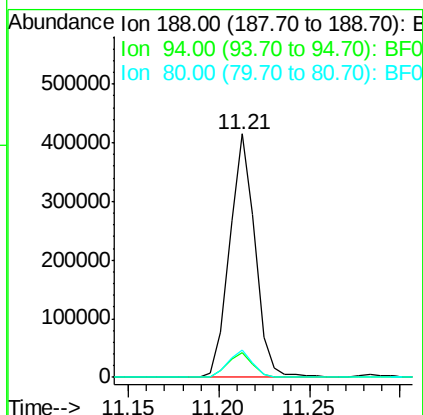
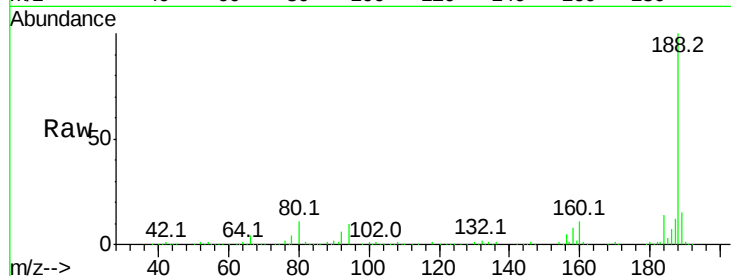




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094720.D
Acq: 30 Apr 2017 17:47

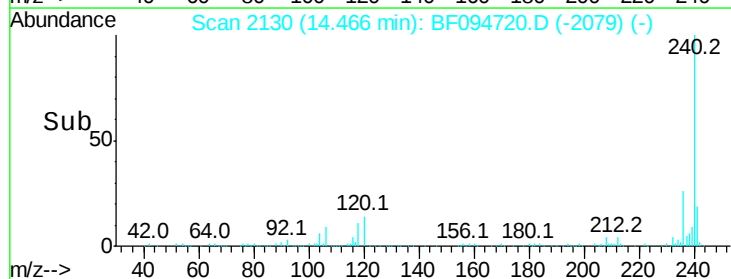
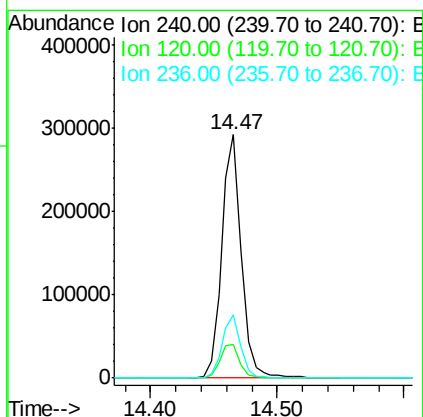
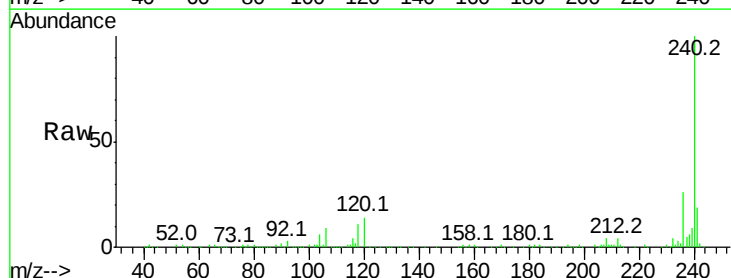
Instrument :
BNA_F
ClientSampleId :

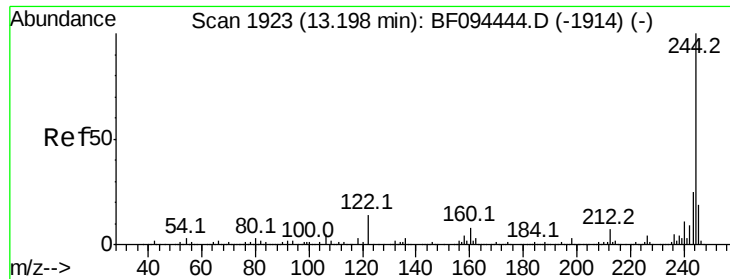
Tot Ion:188 Resp: 404478
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094720.D
Acq: 30 Apr 2017 17:47

Tgt Ion:240 Resp: 312133
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.9 20.5 30.7

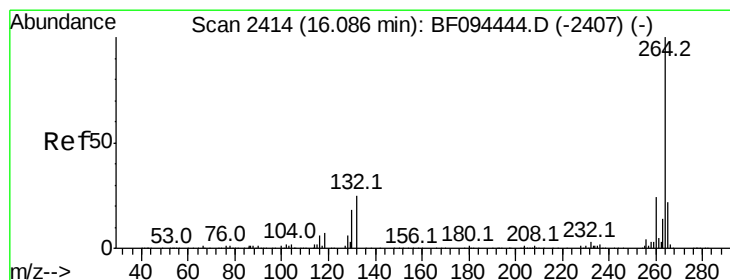
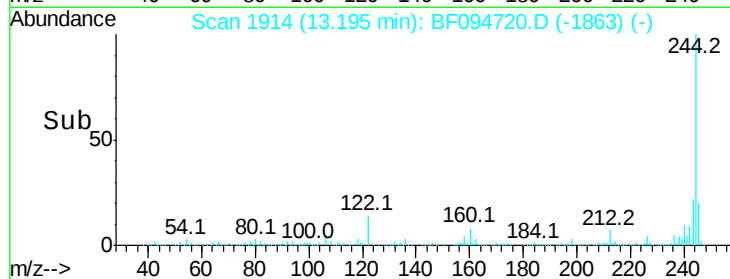
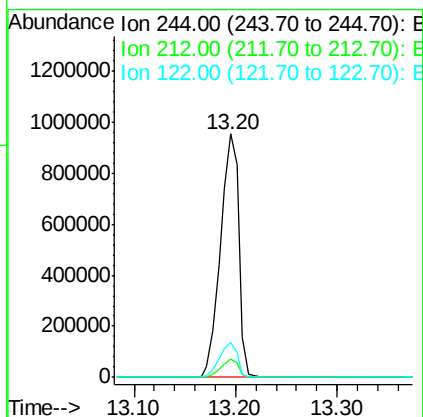
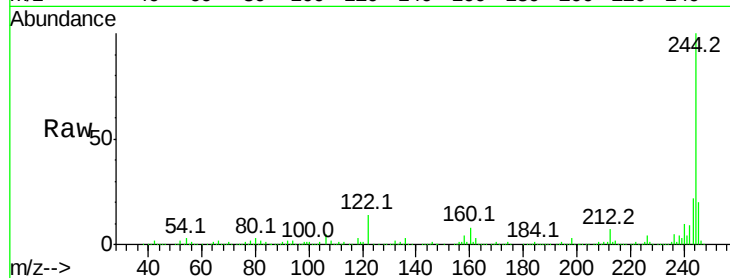




#78
 Terphenyl-d14
 Concen: 102.57 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1197748
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094720.D
 Acq: 30 Apr 2017 17:47

Tgt Ion:264 Resp: 161399
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.4 17.2 25.8

