

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094546.D
 Acq On : 20 Apr 2017 15:55
 Operator : SJ/MA
 Sample : I2744-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:29:17 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

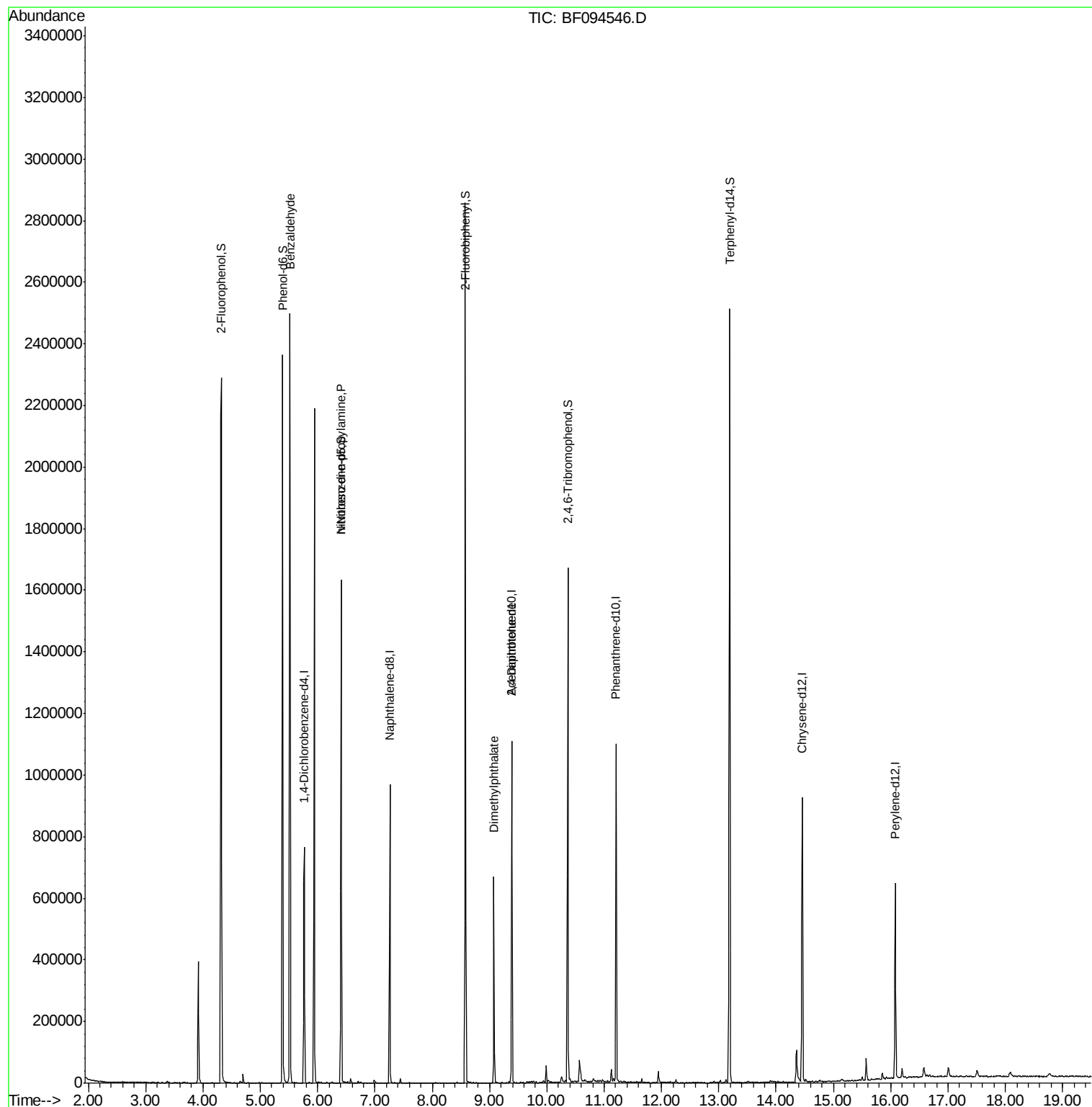
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	121762	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	495777	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	234208	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	450978	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	377748	20.00	ng	-0.01
86) Perylene-d12	16.08	264	263782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	711021	96.88	ng	0.01
7) Phenol-d6	5.39	99	886989	102.52	ng	0.00
23) Nitrobenzene-d5	6.41	82	543651	67.71	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	204089	111.41	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1030905	64.76	ng	0.00
78) Terphenyl-d14	13.19	244	936729	66.28	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	15173	2.31	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	6.41	70	70257	12.26	ng	# 76
49) Dimethylphthalate	9.08	163	282713	16.20	ng	100
56) 2,4-Dinitrotoluene	9.39	165	29626	6.16	ng	# 33

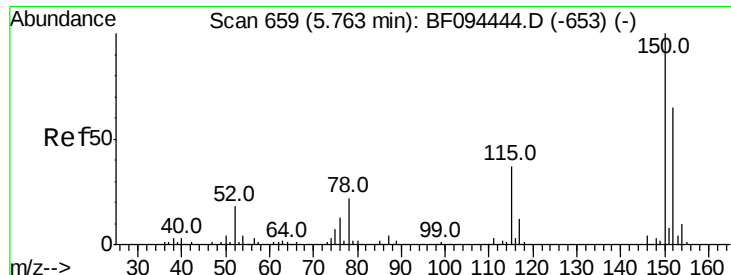
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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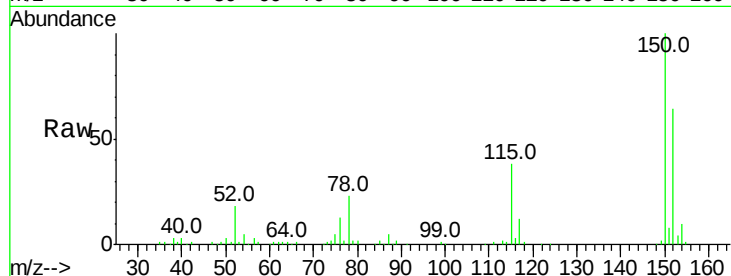


#1

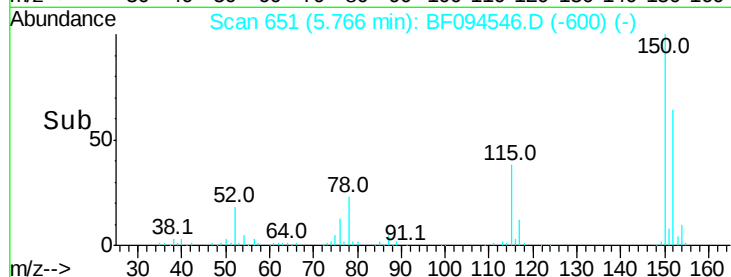
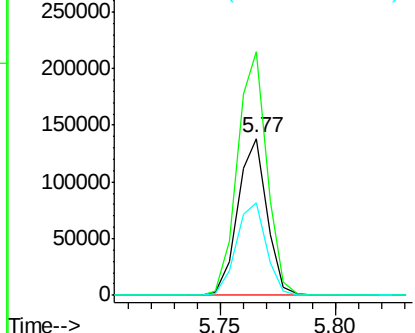
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094546.D
Acq: 20 Apr 2017 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121762
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 59.1 52.2 78.2



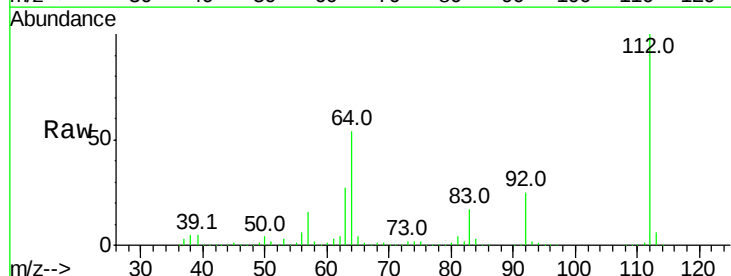
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



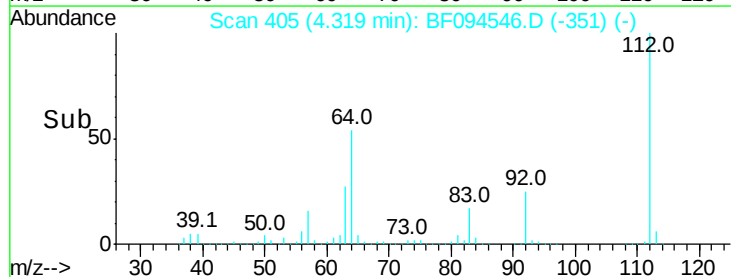
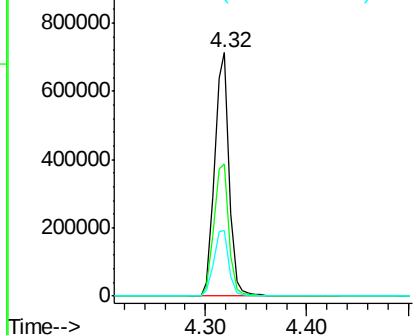
#5

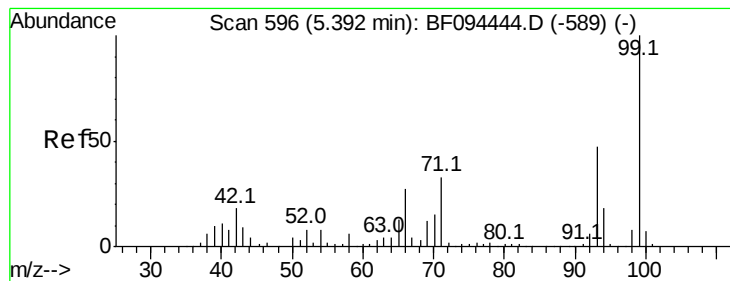
2-Fluorophenol
Concen: 96.88 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094546.D
Acq: 20 Apr 2017 15:55

Tgt Ion:112 Resp: 711021
Ion Ratio Lower Upper
112 100
64 54.4 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: 102.52 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094546.D

Acq: 20 Apr 2017 15:55

Instrument :

BNA_F

ClientSampled :

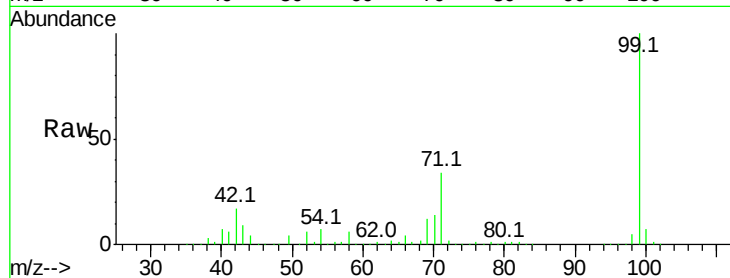
Tot Ion: 99 Resp: 886989

Ion Ratio Lower Upper

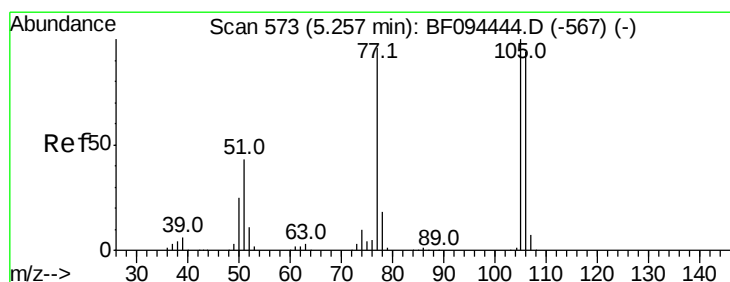
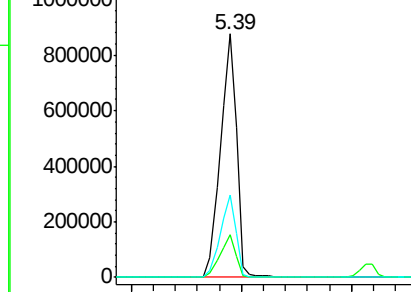
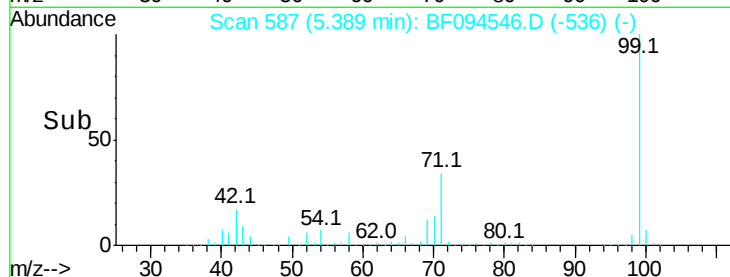
99 100

42 17.4 13.5 20.3

71 33.6 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: 2.31 ng

RT: 5.52 min Scan# 609

Delta R.T. 0.26 min

Lab File: BF094546.D

Acq: 20 Apr 2017 15:55

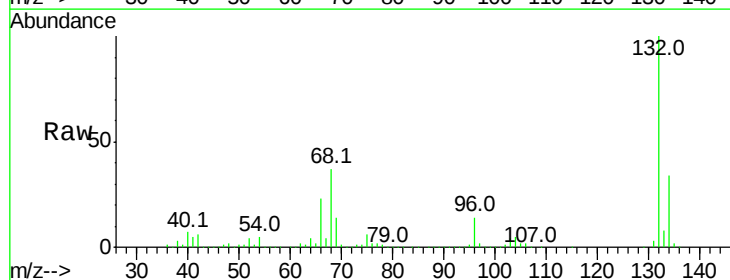
Tgt Ion: 77 Resp: 15173

Ion Ratio Lower Upper

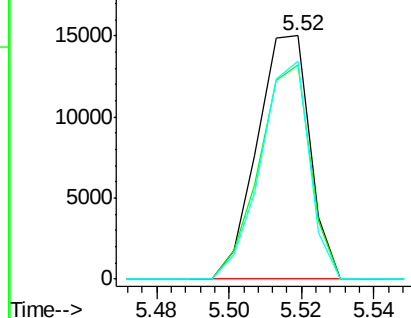
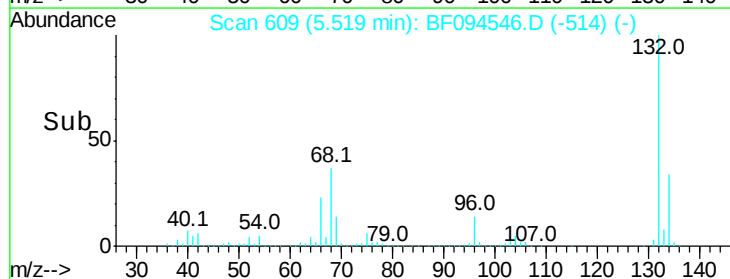
77 100

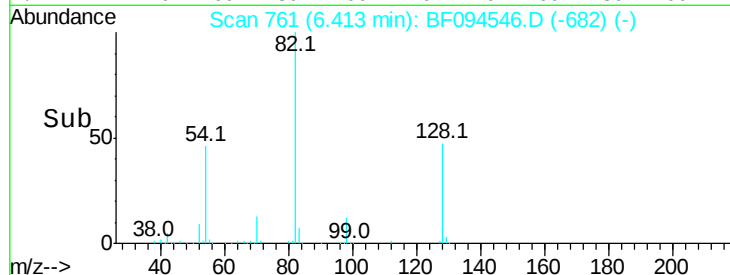
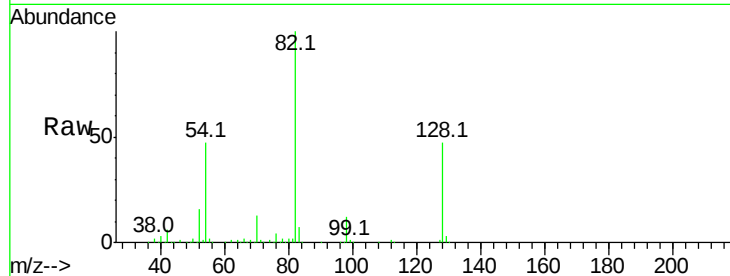
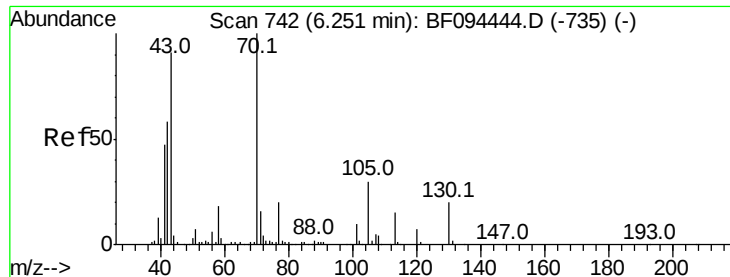
105 87.8 83.8 123.8

106 89.5 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

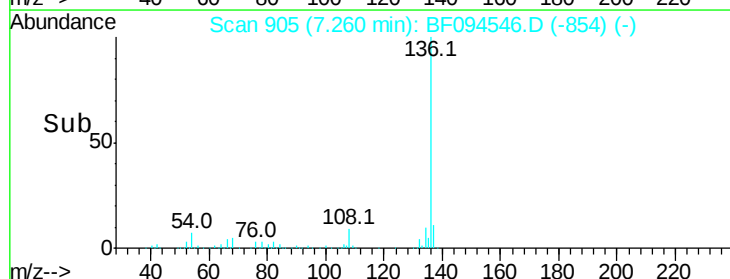
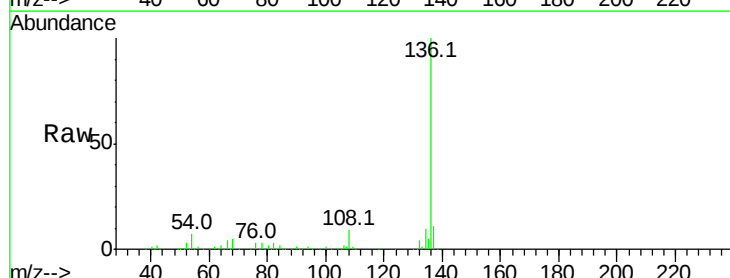
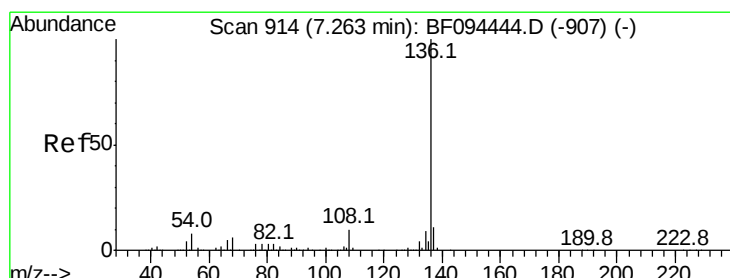
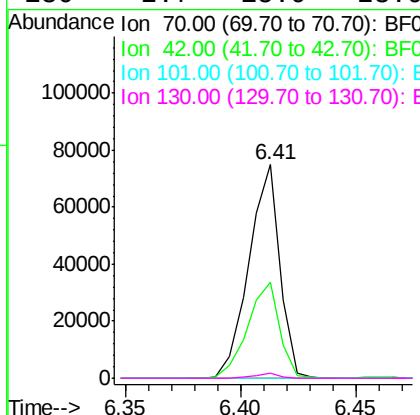




#19
n-Nitroso-di-n-propylamine
Concen: 12.26 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094546.D
Acq: 20 Apr 2017 15:55

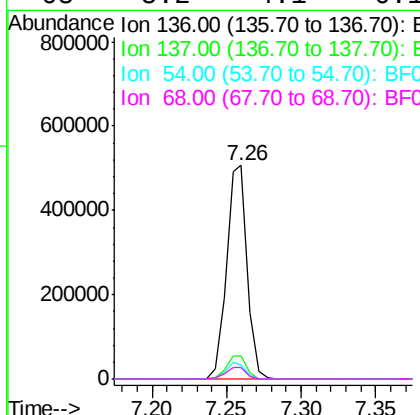
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 70257
Ion Ratio Lower Upper
70 100
42 44.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 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: BF094546.D
Acq: 20 Apr 2017 15:55

Tgt Ion: 136 Resp: 495777
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.8 4.9 7.3
68 5.2 4.1 6.1

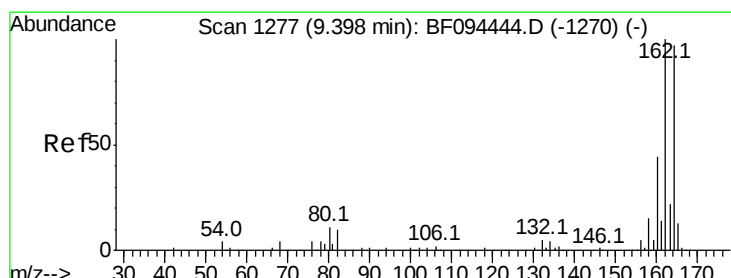
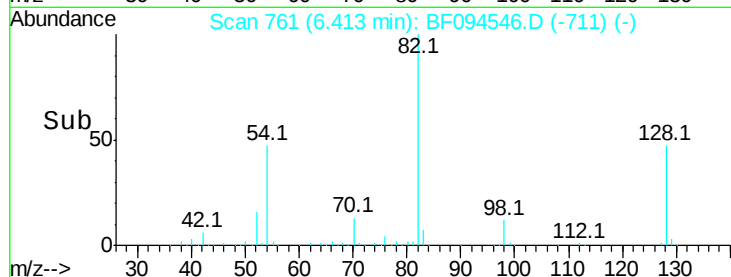
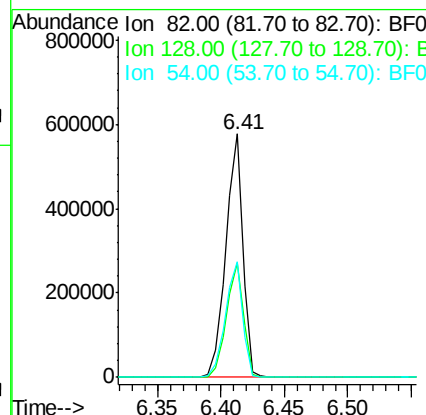
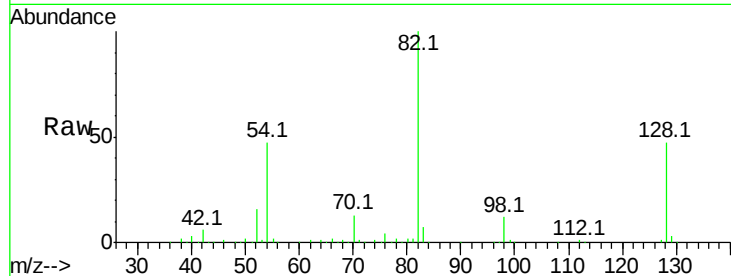




#23
 Nitrobenzene-d5
 Concen: 67.71 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094546.D
 Acq: 20 Apr 2017 15:55

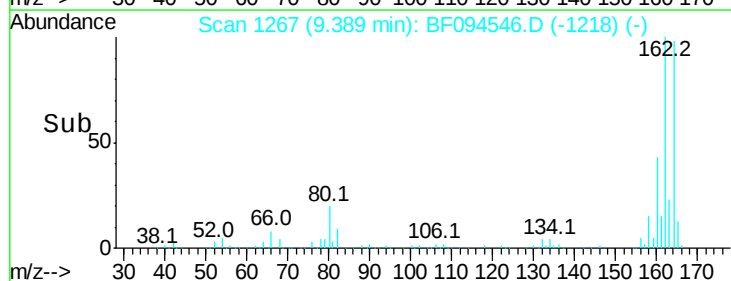
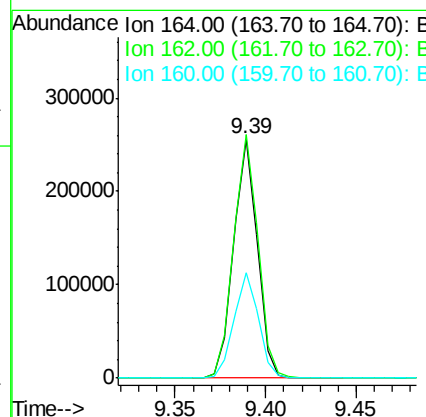
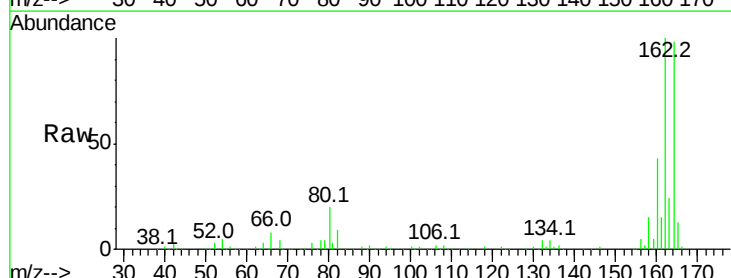
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	543651
Ion Ratio	100	Lower	Upper
128	46.8	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: BF094546.D
 Acq: 20 Apr 2017 15:55

Tgt Ion	164	Resp	234208
Ion Ratio	100	Lower	Upper
162	101.8	82.6	123.8
160	44.3	36.2	54.2

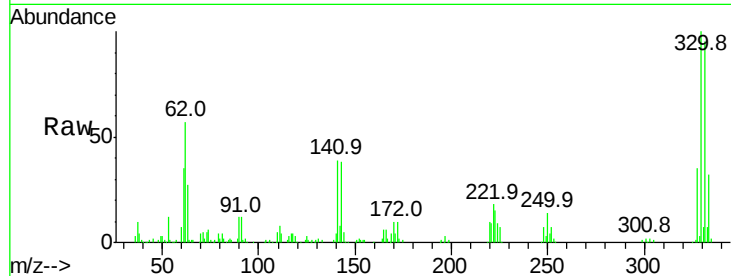




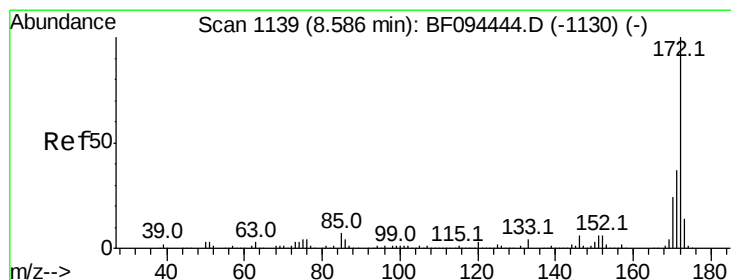
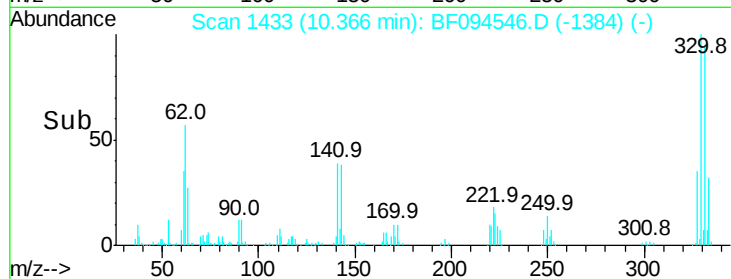
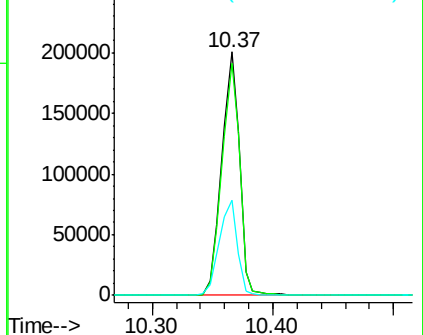
#41
 2,4,6-Tribromophenol
 Concen: 111.41 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094546.D
 Acq: 20 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 204089
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 39.7 31.4 47.2

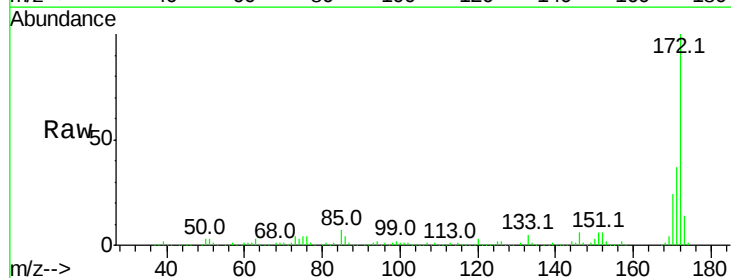


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

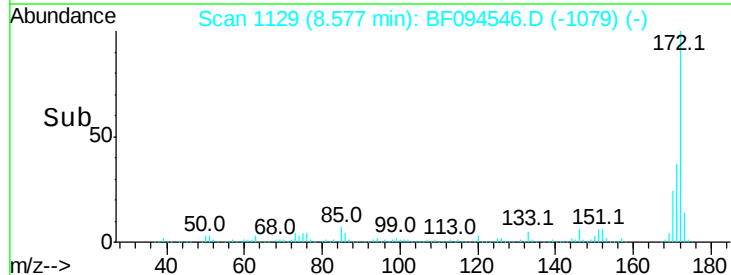
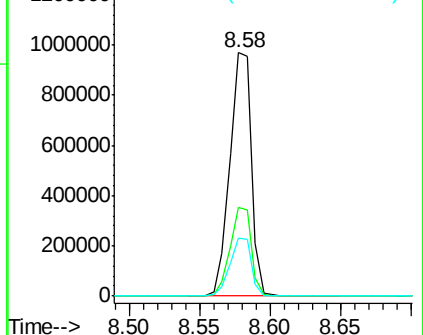


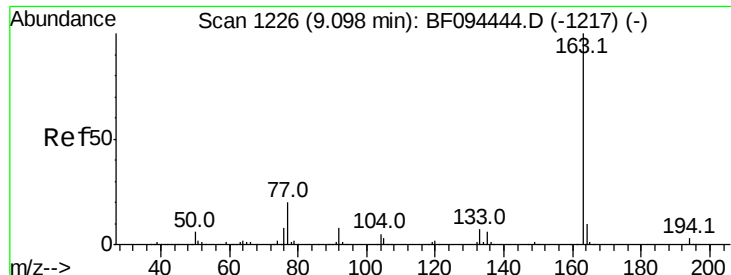
#44
 2-Fluorobiphenyl
 Concen: 64.76 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094546.D
 Acq: 20 Apr 2017 15:55

Tgt Ion:172 Resp: 1030905
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

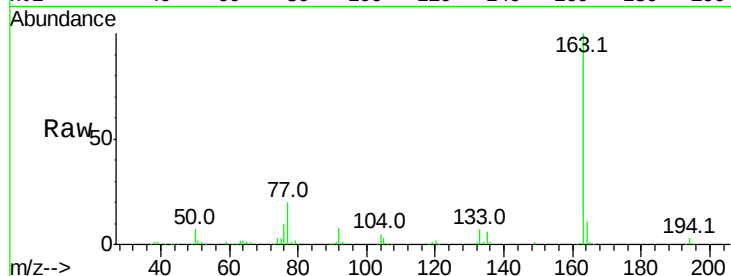




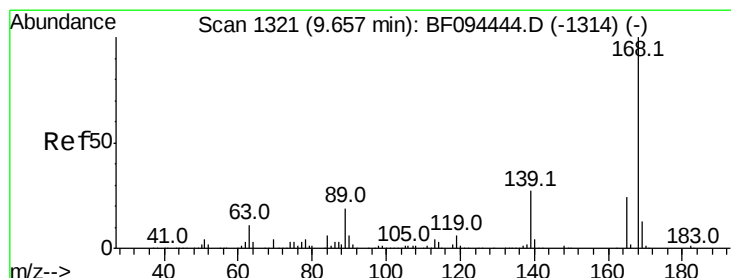
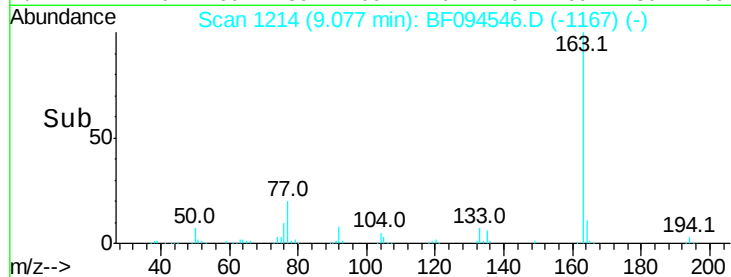
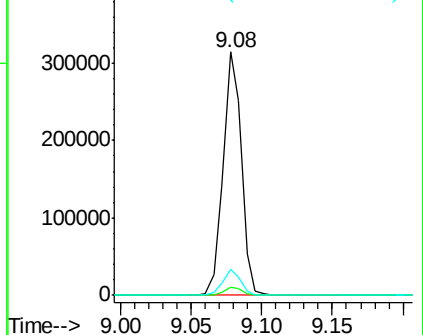
#49
Dimethylphthalate
Concen: 16.20 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094546.D
Acq: 20 Apr 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 282713
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 8.4 12.6

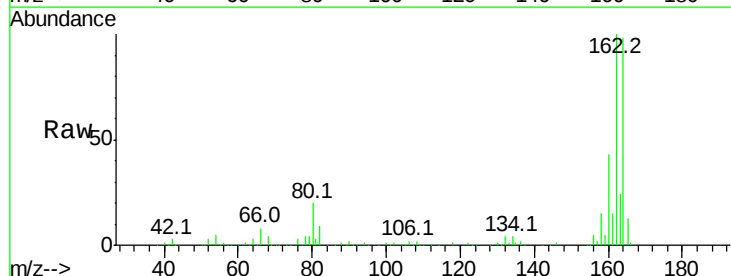


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

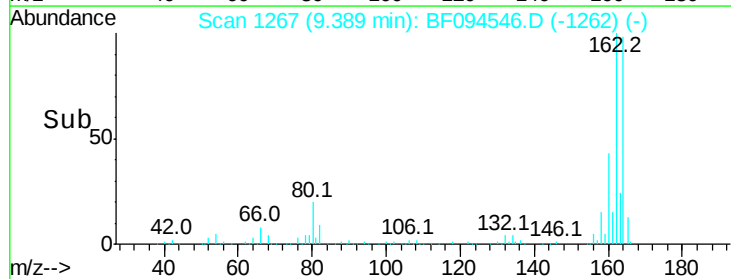
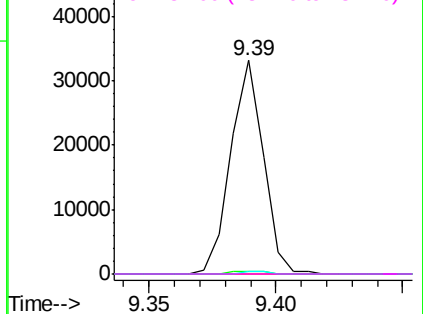


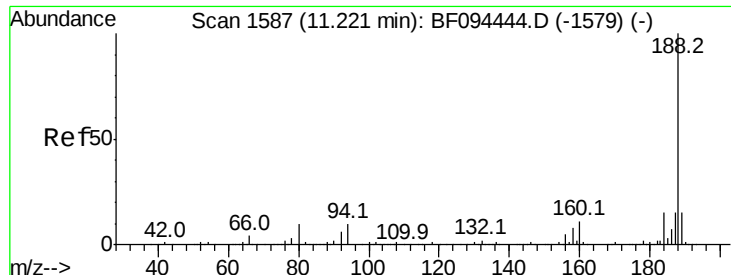
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094546.D
Acq: 20 Apr 2017 15:55

Tgt Ion:165 Resp: 29626
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.1 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

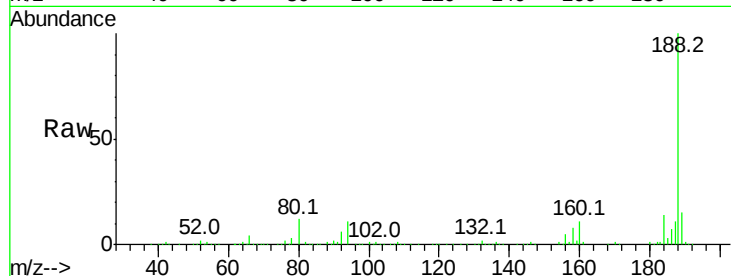




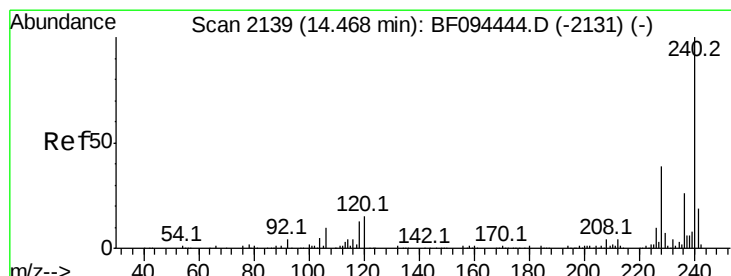
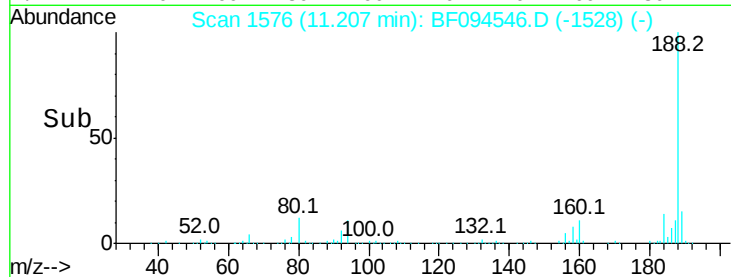
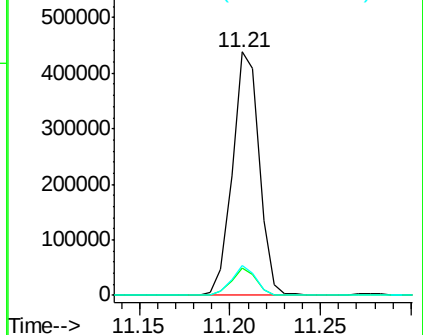
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094546.D
 Acq: 20 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 450978
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 12.0 10.2 15.2

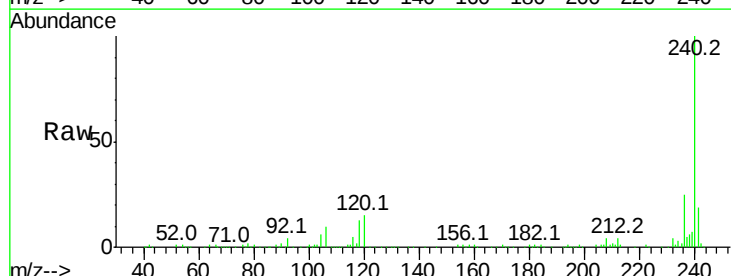


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

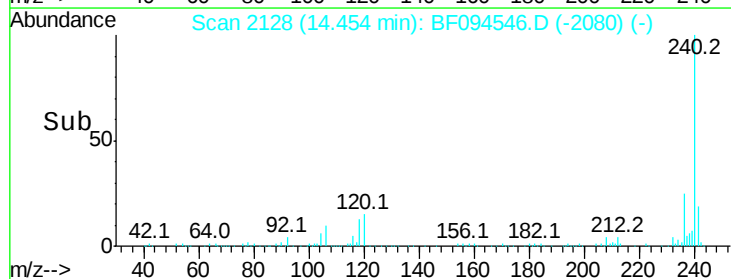
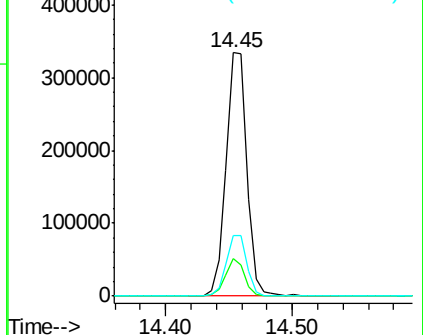


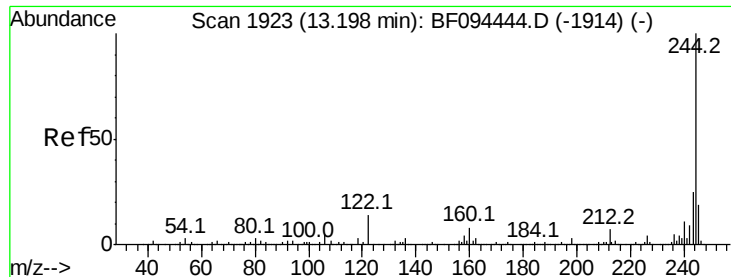
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094546.D
 Acq: 20 Apr 2017 15:55

Tgt Ion:240 Resp: 377748
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 24.9 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

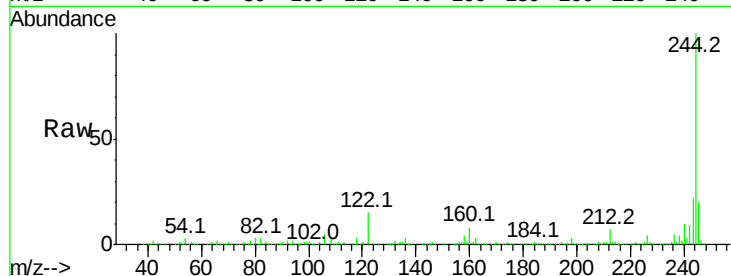




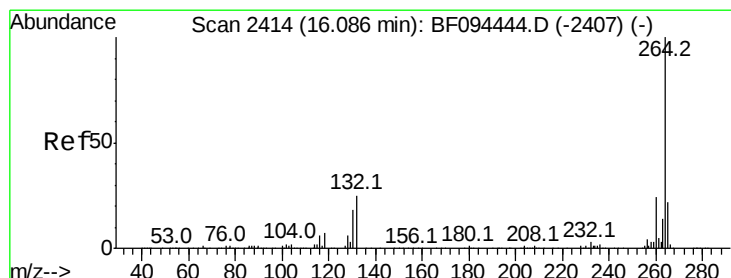
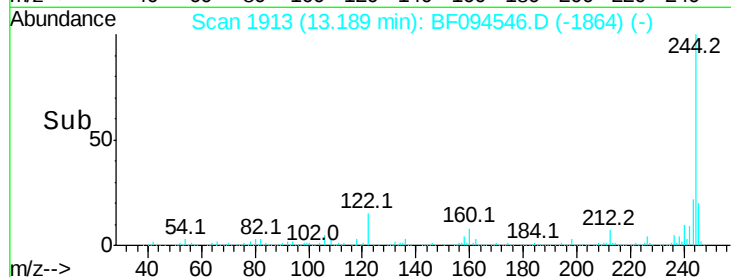
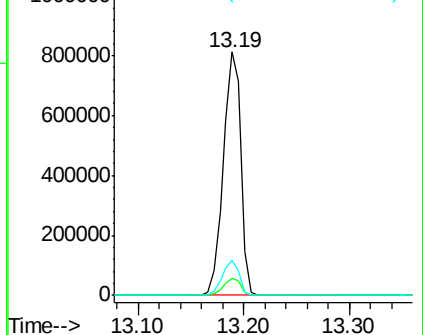
#78
 Terphenyl-d14
 Concen: 66.28 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094546.D
 Acq: 20 Apr 2017 15:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 936729
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.6 10.3 15.5

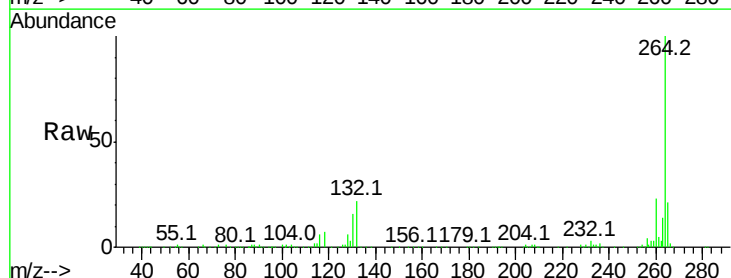


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094546.D
 Acq: 20 Apr 2017 15:55

Tgt Ion:264 Resp: 263782
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.3 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

