

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094767.D
 Acq On : 2 May 2017 00:04
 Operator : SJ/MA
 Sample : I2916-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

Quant Time: May 02 04:36:19 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

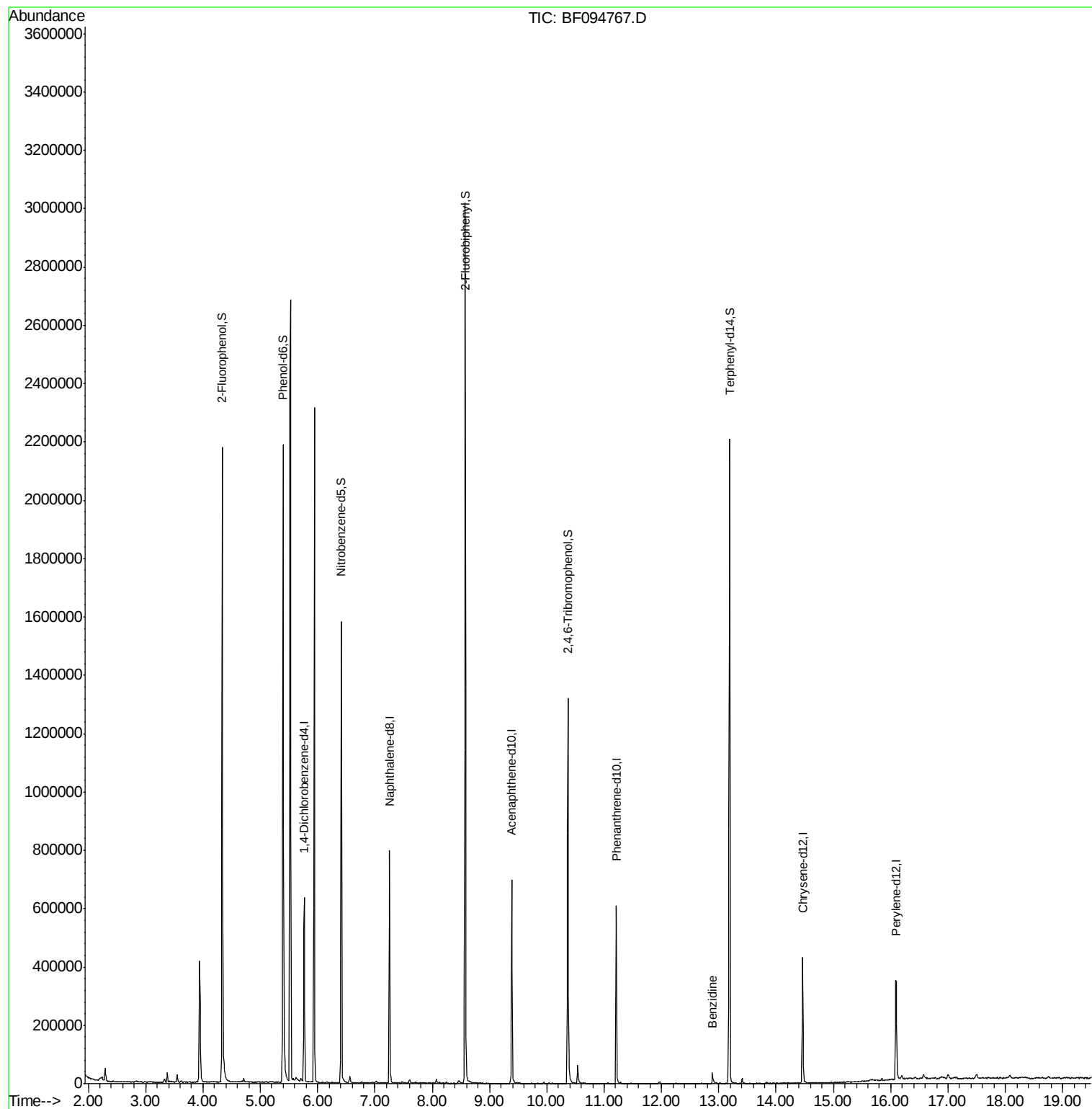
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	101583	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	379998	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	163878	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	260171	20.00	ng	0.00
75) Chrysene-d12	14.47	240	187934	20.00	ng	0.00
86) Perylene-d12	16.09	264	158800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	735226	120.08	ng	0.03
7) Phenol-d6	5.40	99	859871	119.12	ng	0.00
23) Nitrobenzene-d5	6.41	82	598800	97.30	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	173318	135.21	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1061840	95.33	ng	0.00
78) Terphenyl-d14	13.19	244	791658	112.60	ng	0.00
Target Compounds						
76) Benzidine	12.89	184	27597	3.63	ng	Qvalue 96

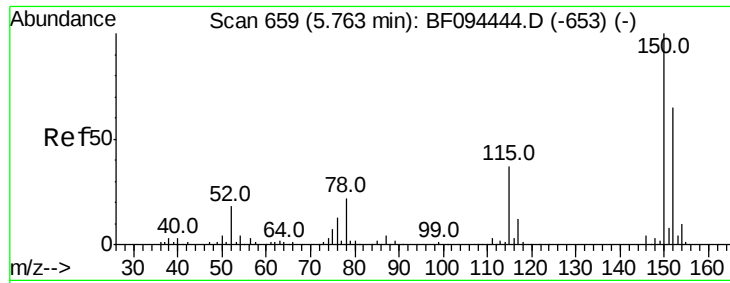
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094767.D
Acq On : 2 May 2017 00:04
Operator : SJ/MA
Sample : I2916-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

Quant Time: May 02 04:36:19 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



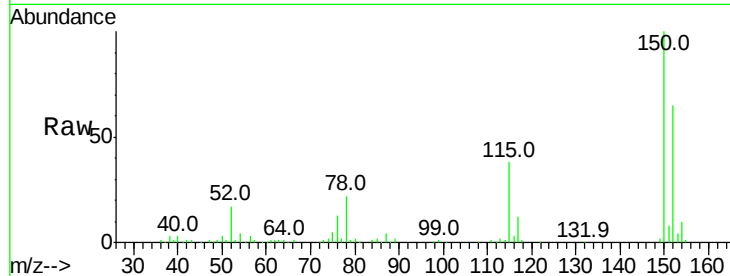


#1

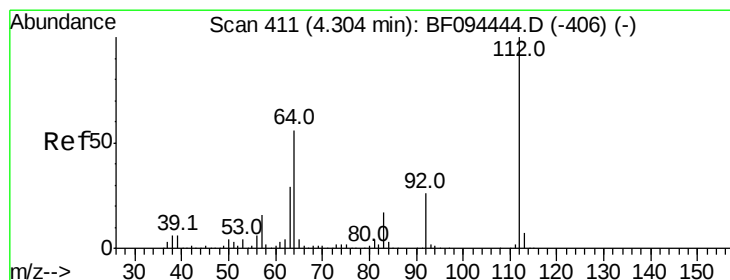
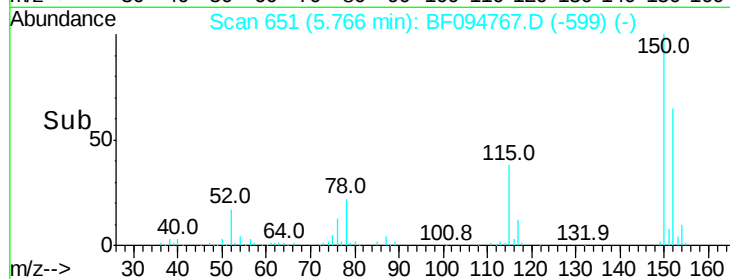
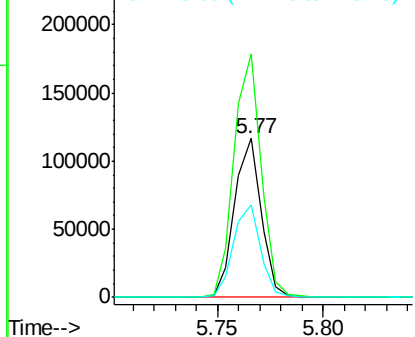
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094767.D
Acq: 2 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

Tot Ion:152 Resp: 101583
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 58.3 52.2 78.2



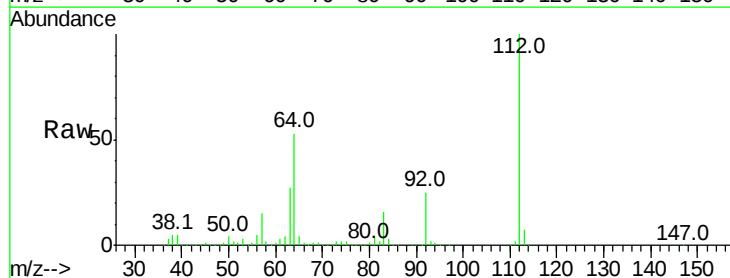
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



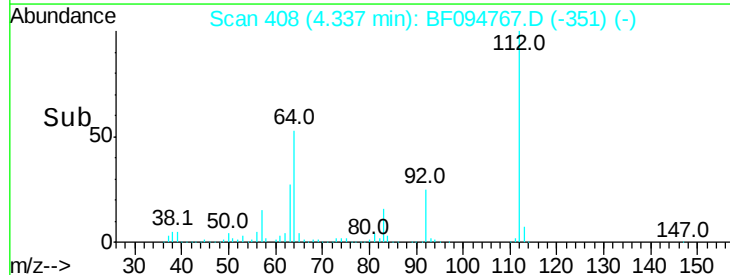
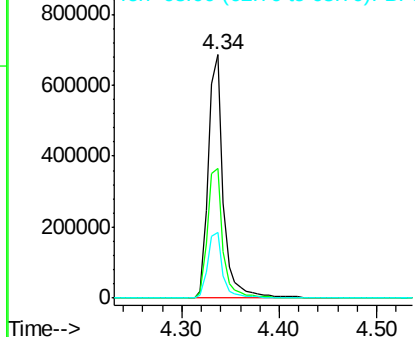
#5

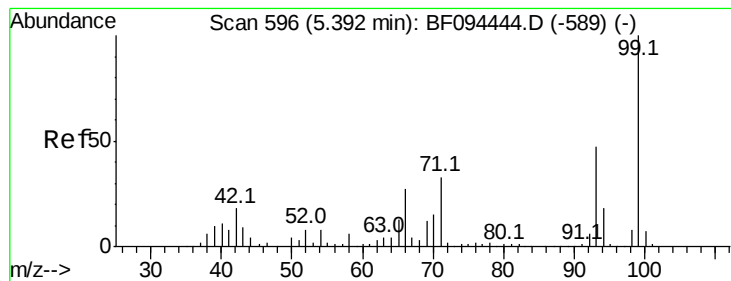
2-Fluorophenol
Concen: 120.08 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094767.D
Acq: 2 May 2017 00:04

Tgt Ion:112 Resp: 735226
Ion Ratio Lower Upper
112 100
64 53.1 46.0 69.0
63 27.0 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: 119.12 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094767.D

Acq: 2 May 2017 00:04

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP(0-2.5)

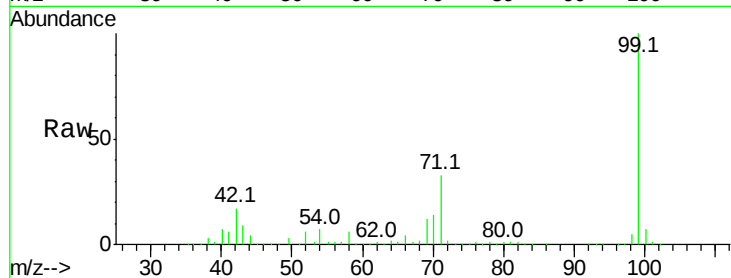
Tot Ion: 99 Resp: 859871

Ion Ratio Lower Upper

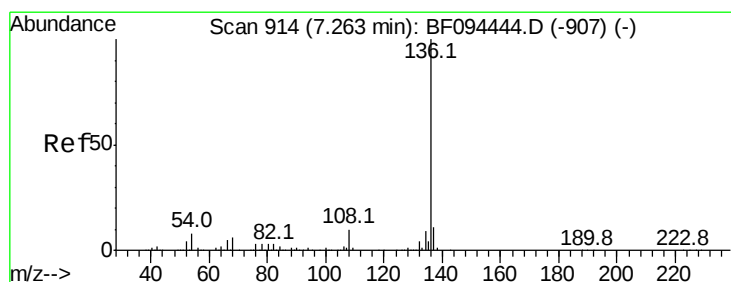
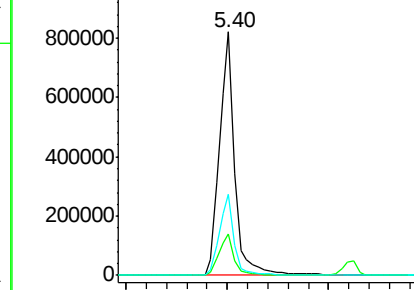
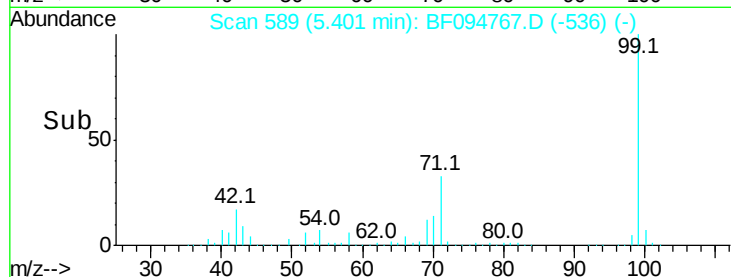
99 100

42 17.1 13.5 20.3

71 33.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094767.D

Acq: 2 May 2017 00:04

Tgt Ion: 136 Resp: 379998

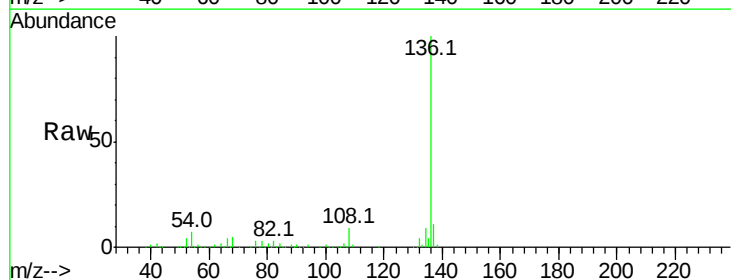
Ion Ratio Lower Upper

136 100

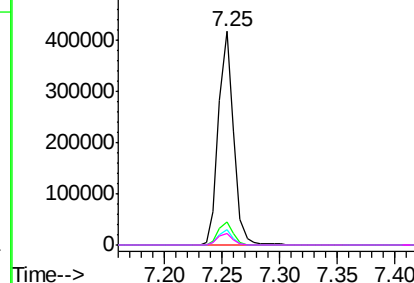
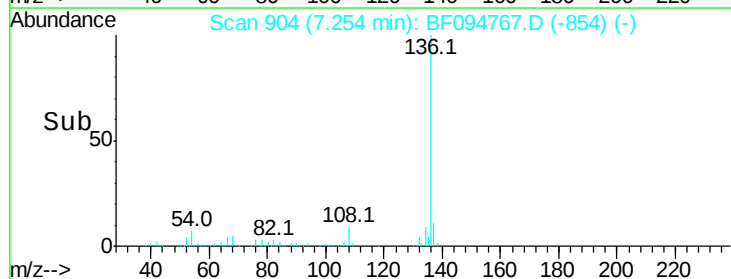
137 10.9 8.5 12.7

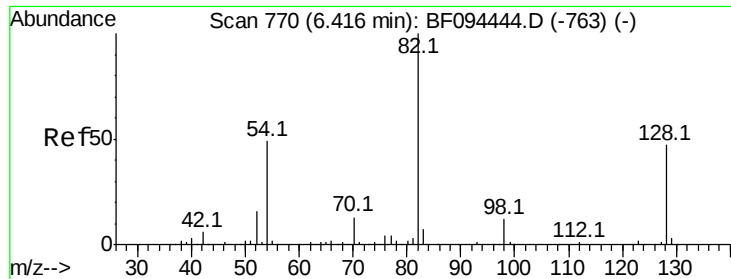
54 7.2 4.9 7.3

68 5.3 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

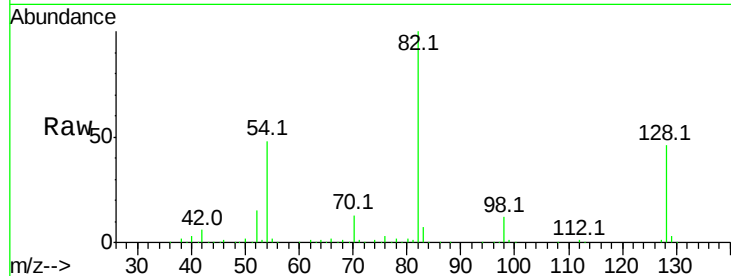




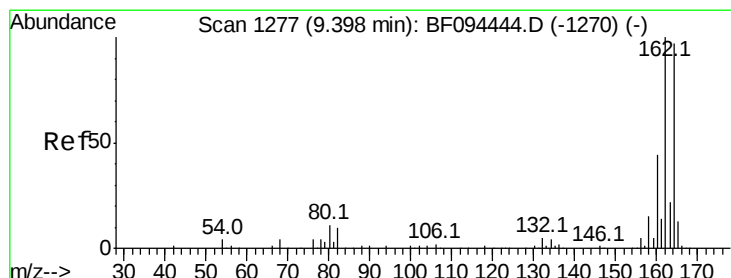
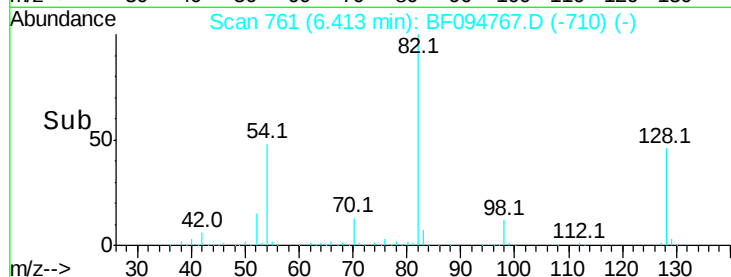
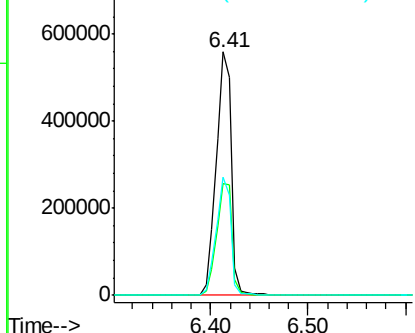
#23
 Nitrobenzene-d5
 Concen: 97.30 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094767.D
 Acq: 2 May 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

Tot Ion	82	Resp	598800
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	48.4	42.2	63.2

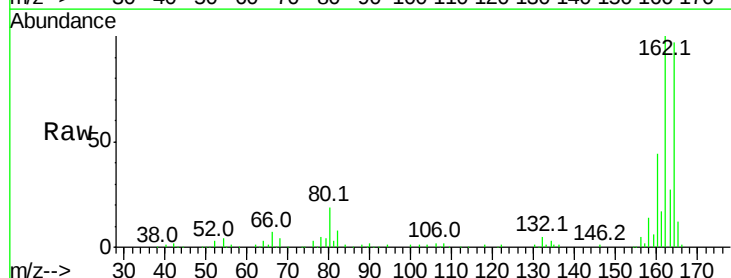


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

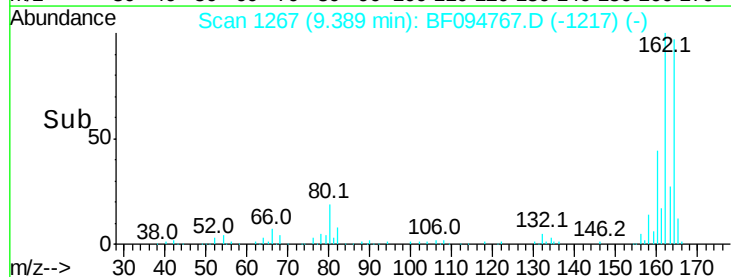
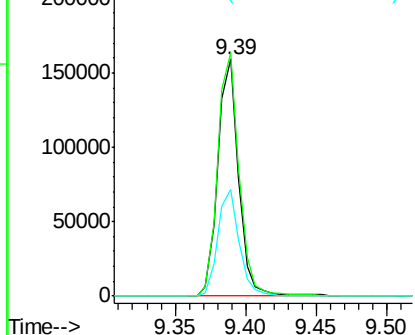


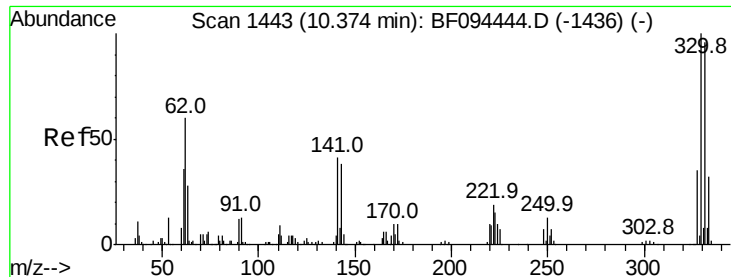
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094767.D
 Acq: 2 May 2017 00:04

Tgt Ion	164	Resp	163878
Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	44.8	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

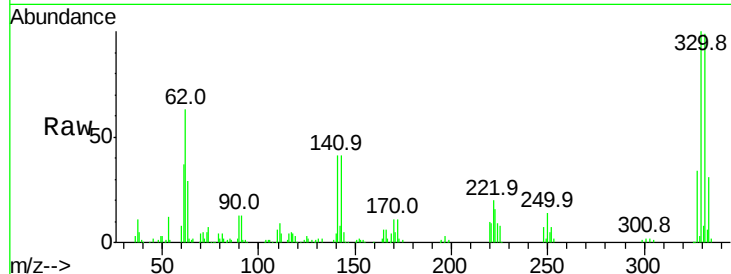




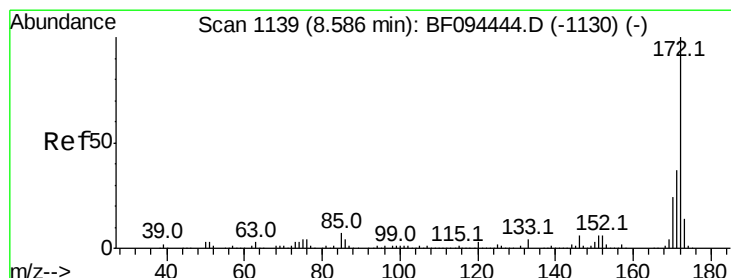
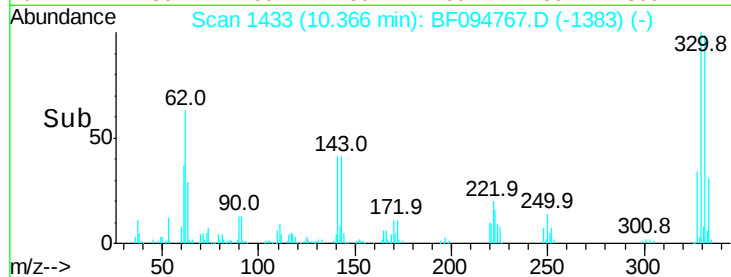
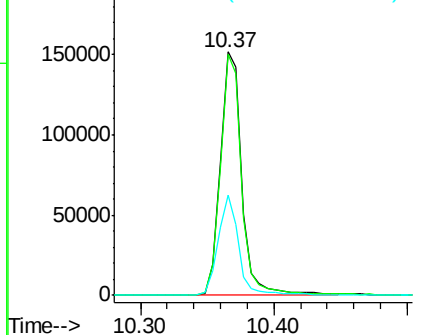
#41
 2,4,6-Tribromophenol
 Concen: 135.21 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094767.D
 Acq: 2 May 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

Tot Ion:330 Resp: 173318
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 39.4 31.4 47.2

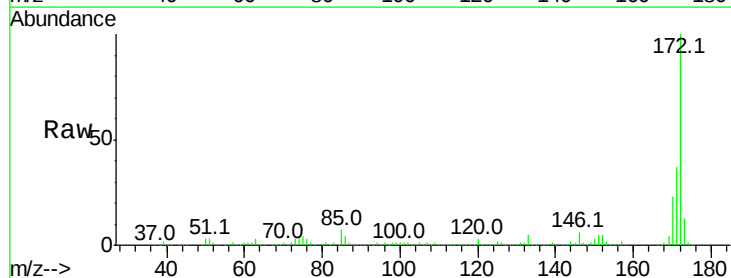


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

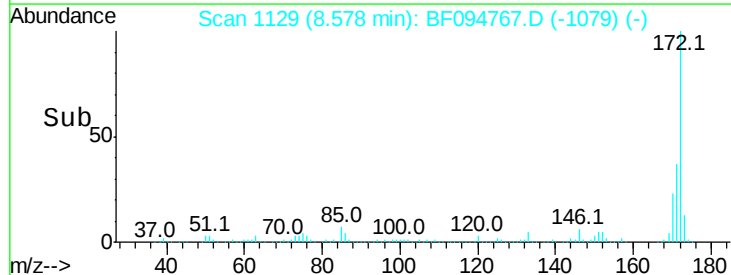
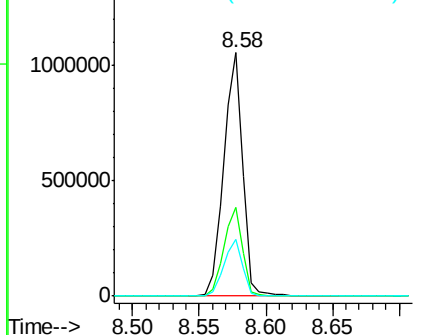


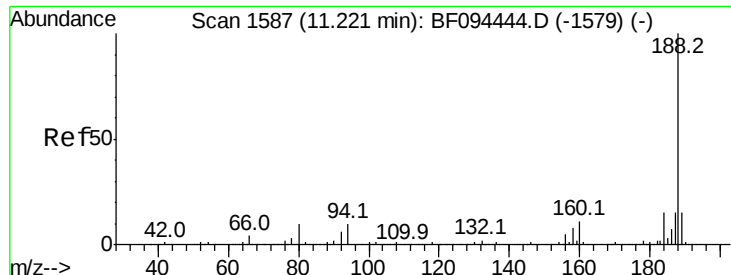
#44
 2-Fluorobiphenyl
 Concen: 95.33 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094767.D
 Acq: 2 May 2017 00:04

Tgt Ion:172 Resp: 1061840
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.4 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

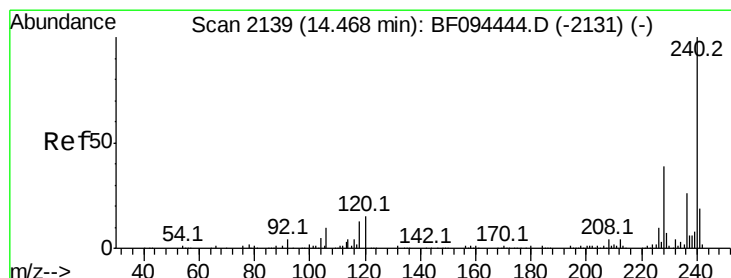
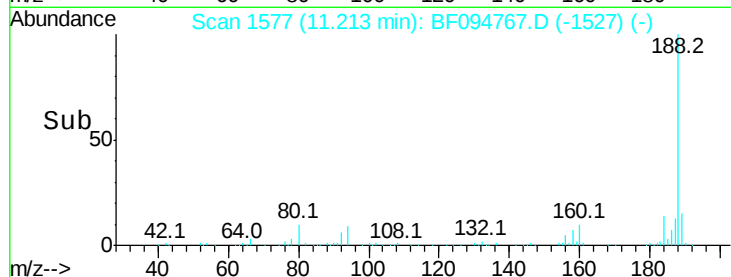
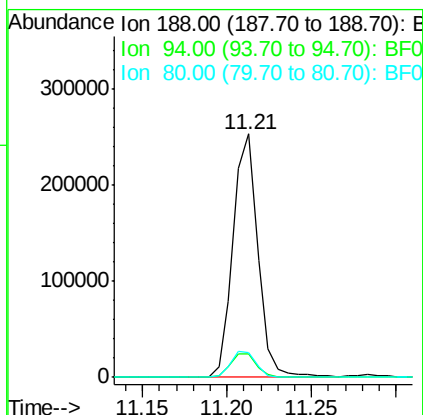
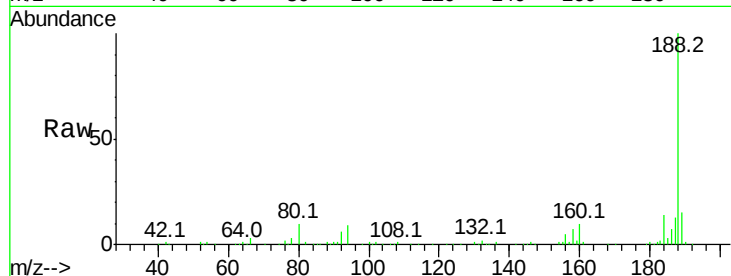




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094767.D
Acq: 2 May 2017 00:04

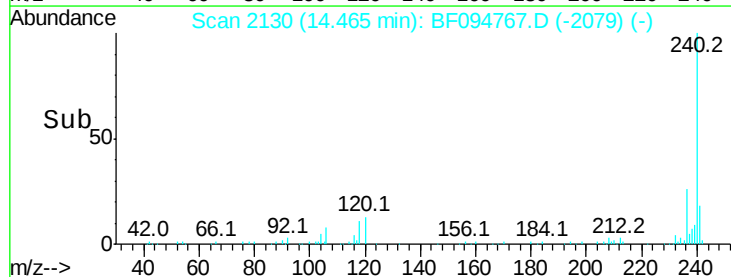
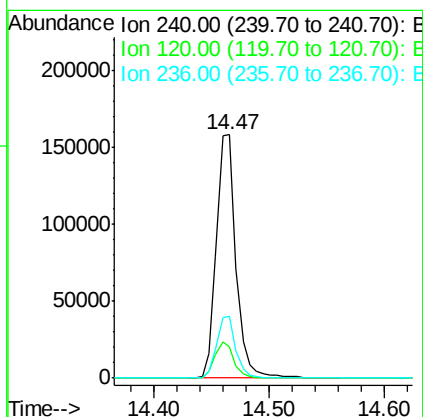
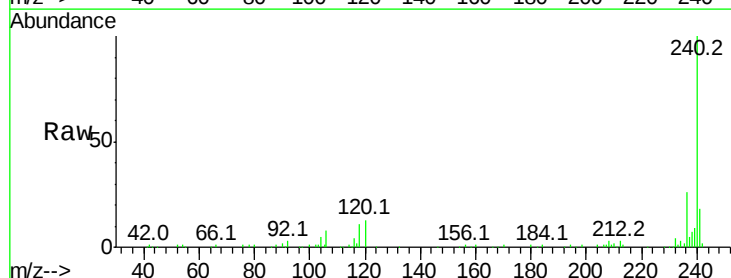
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

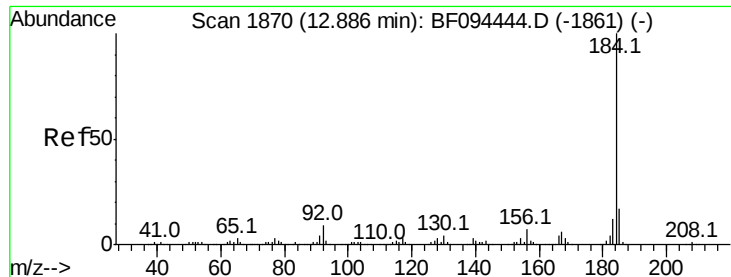
Tot Ion:188 Resp: 260171
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094767.D
Acq: 2 May 2017 00:04

Tgt Ion:240 Resp: 187934
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 25.6 20.5 30.7





#76

Benzidine

Concen: 3.63 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094767.D

Acq: 2 May 2017 00:04

Instrument :

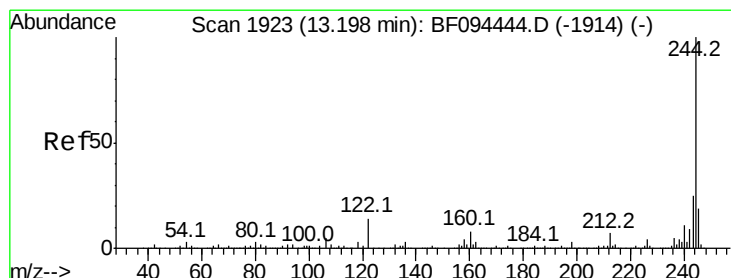
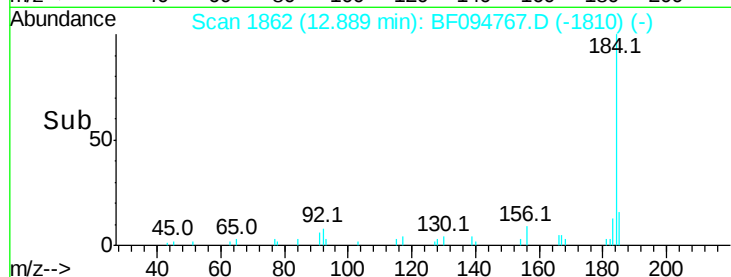
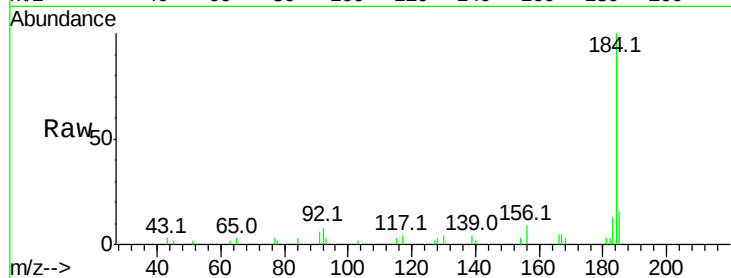
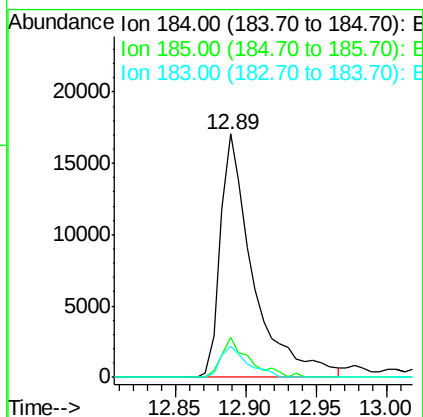
BNA_F

ClientSampleId :

SB-03-COMP(0-2.5)

Tot Ion:184 Resp: 27597

Ion	Ratio	Lower	Upper
184	100		
185	16.4	15.5	23.3
183	12.6	9.8	14.6



#78

Terphenyl-d14

Concen: 112.60 ng

RT: 13.19 min Scan# 1913

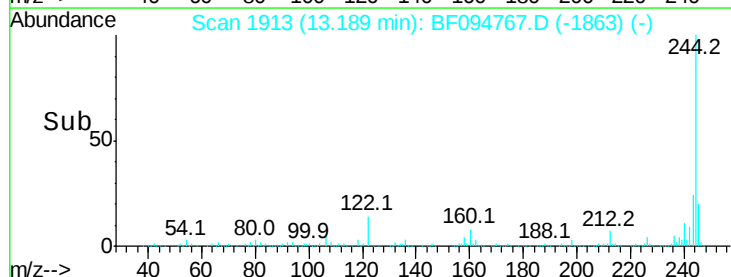
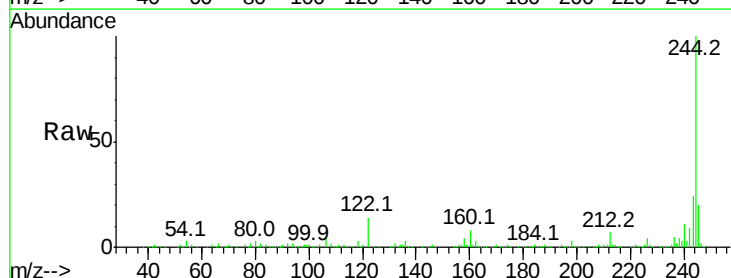
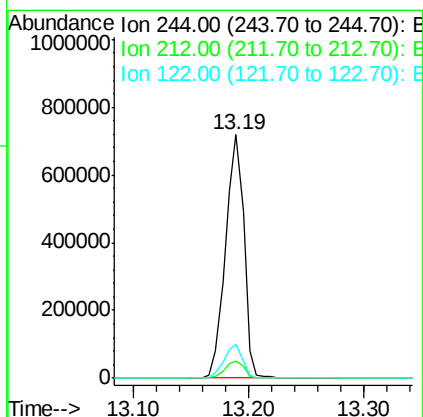
Delta R.T. -0.01 min

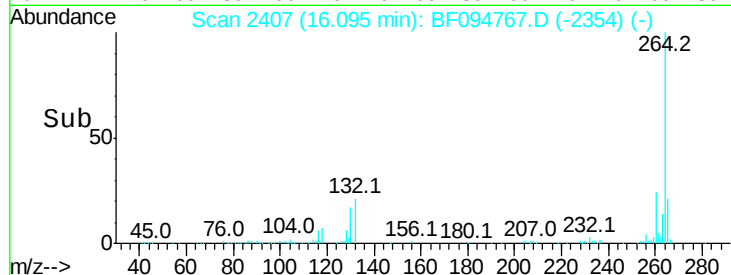
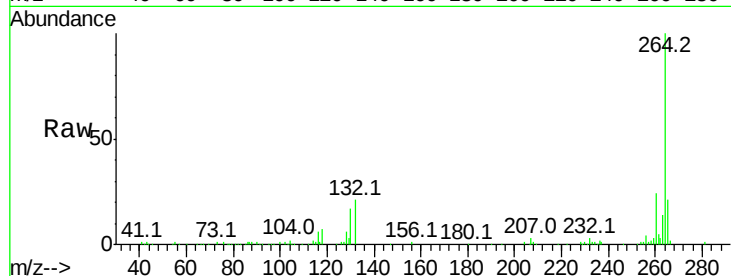
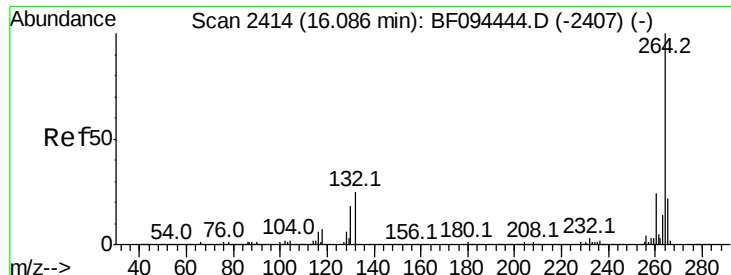
Lab File: BF094767.D

Acq: 2 May 2017 00:04

Tgt Ion:244 Resp: 791658

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.7	10.3	15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094767.D
Acq: 2 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

Tot Ion:	264	Resp:	158800
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8

