

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093048.D
 Acq On : 21 Feb 2017 00:22
 Operator : SJ/MA
 Sample : I1913-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

Quant Time: Feb 21 03:03:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150665	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	599989	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	297172	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	527611	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	439392	20.00	ng	-0.01
86) Perylene-d12	15.44	264	316244	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1089985	124.12	ng	0.00
7) Phenol-d6	6.49	99	1252728	110.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	881384	81.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	301169	140.12	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1678628	102.34	ng	0.00
78) Terphenyl-d14	12.96	244	1474199	78.83	ng	-0.01

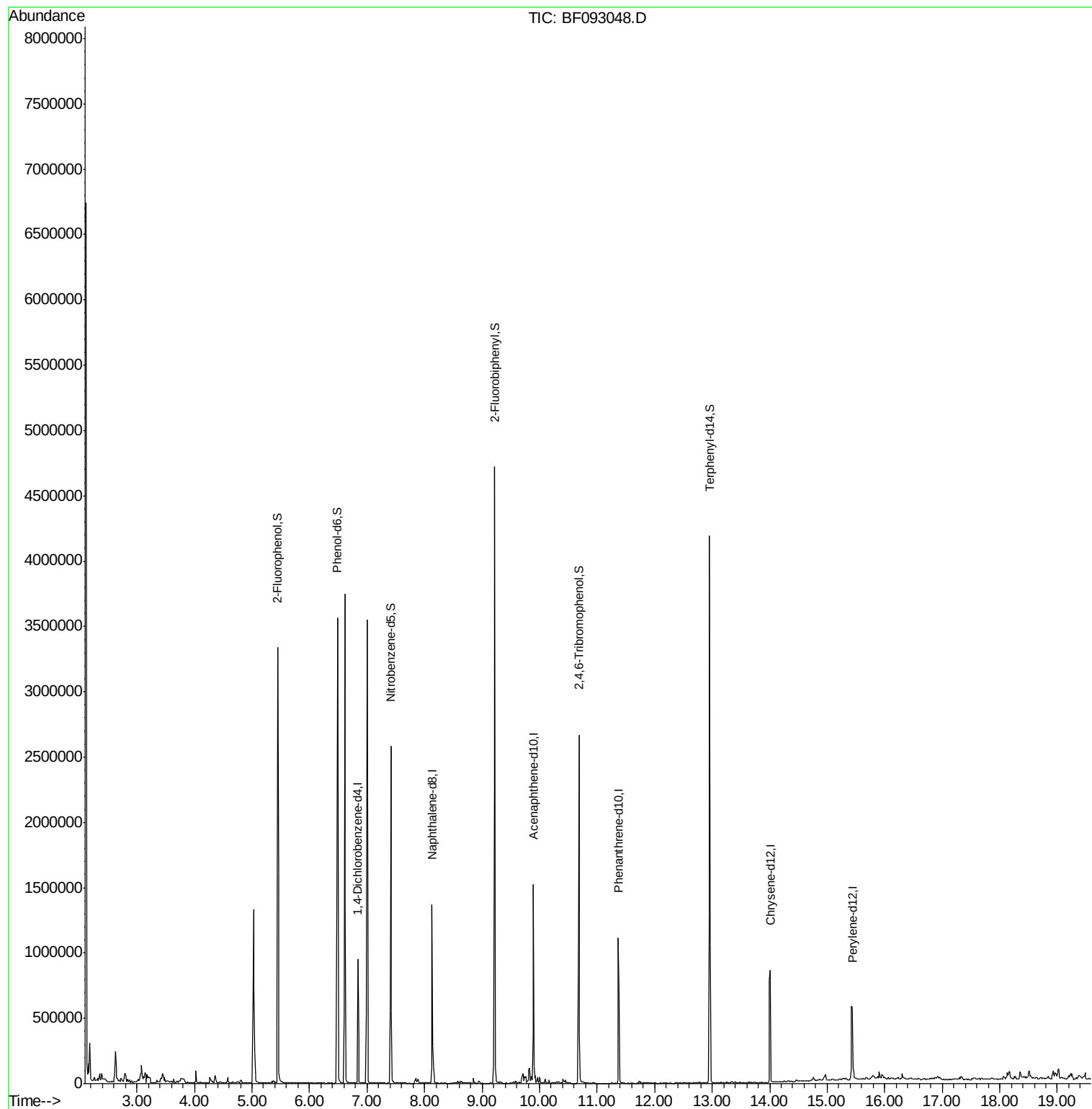
Target Compounds Qvalue

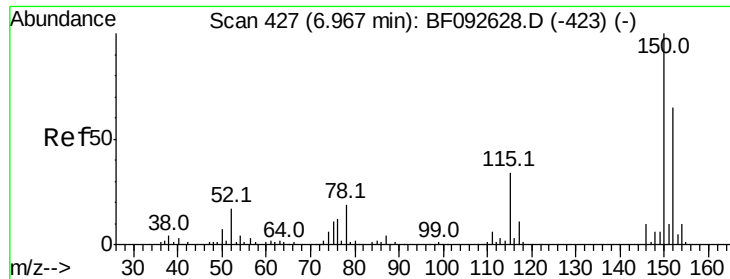
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093048.D
Acq On : 21 Feb 2017 00:22
Operator : SJ/MA
Sample : I1913-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

Quant Time: Feb 21 03:03:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093048.D

Acq: 21 Feb 2017 00:22

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

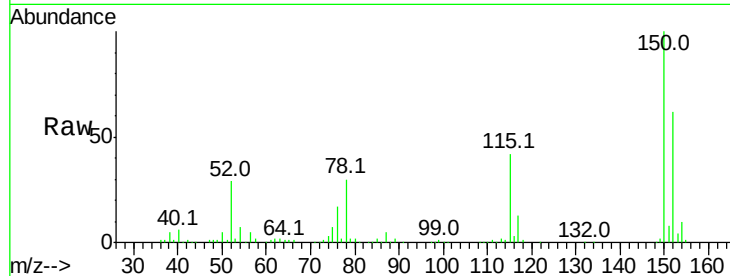
Tot Ion:152 Resp: 150665

Ion Ratio Lower Upper

152 100

150 161.6 124.9 187.3

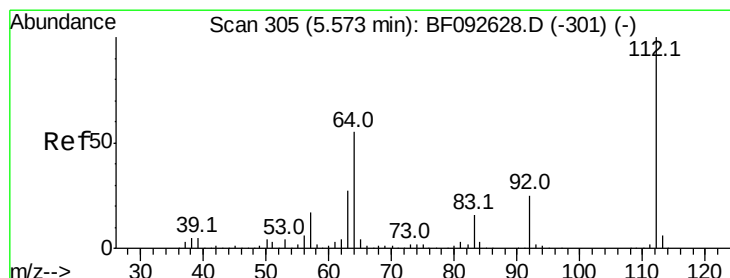
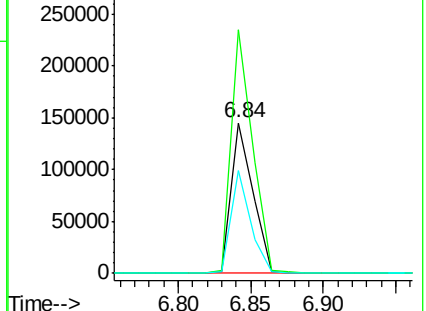
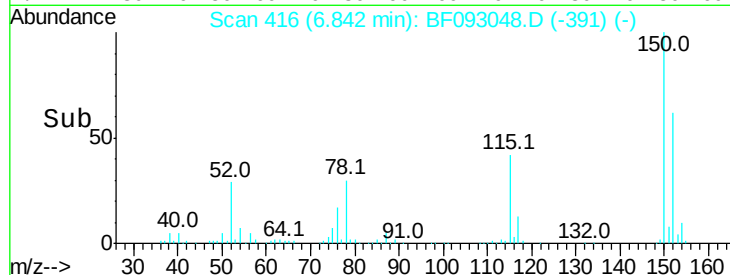
115 68.2 46.0 69.0



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: 124.12 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093048.D

Acq: 21 Feb 2017 00:22

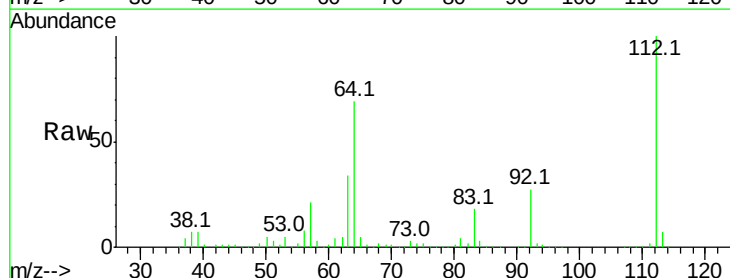
Tgt Ion:112 Resp: 1089985

Ion Ratio Lower Upper

112 100

64 69.0 46.1 69.1

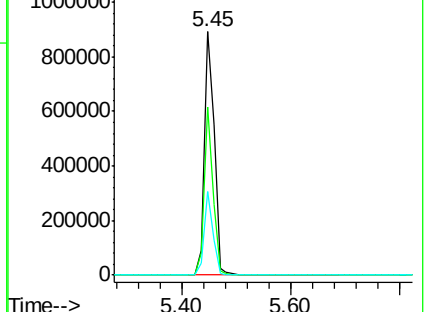
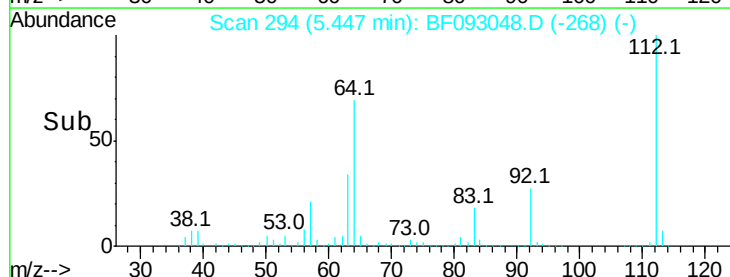
63 34.2 23.8 35.6

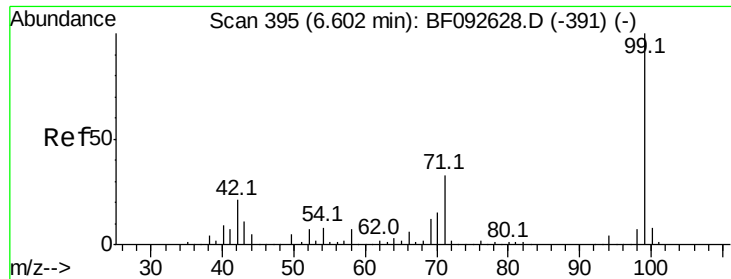


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.87 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093048.D

Acq: 21 Feb 2017 00:22

Instrument :

BNA_F

ClientSampleId :

SP-EFGH-COMP

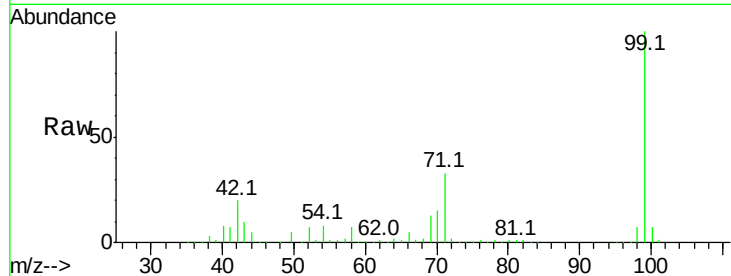
Tot Ion: 99 Resp: 1252728

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

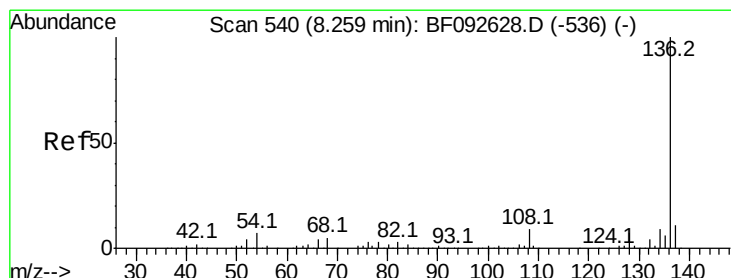
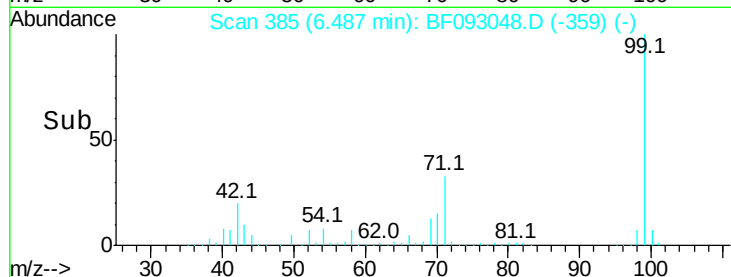
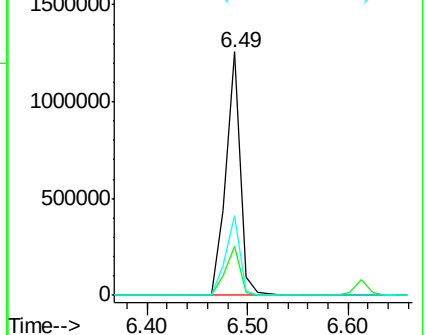
71 32.9 27.5 41.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093048.D

Acq: 21 Feb 2017 00:22

Tgt Ion: 136 Resp: 599989

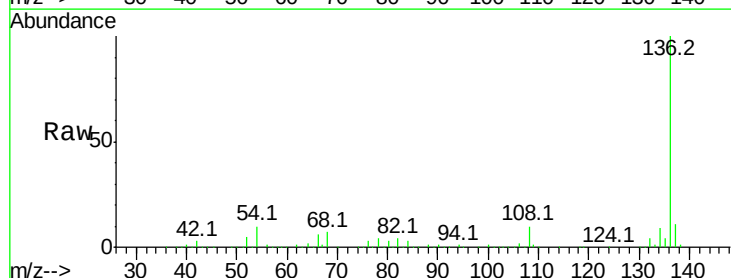
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.4 4.5 6.7#

68 7.3 3.6 5.4#

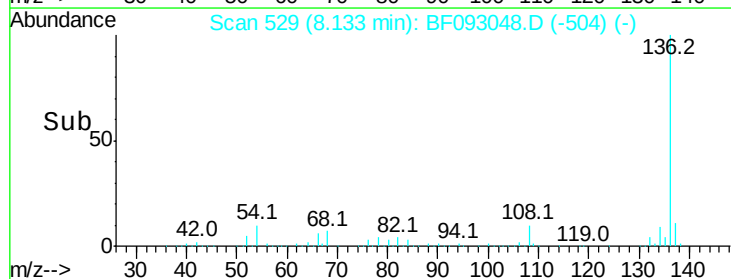
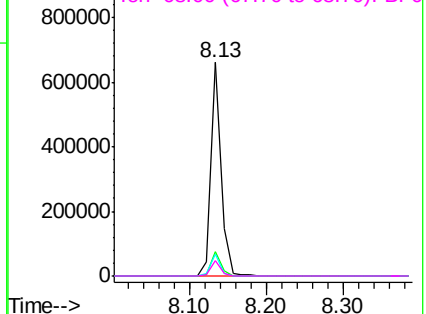


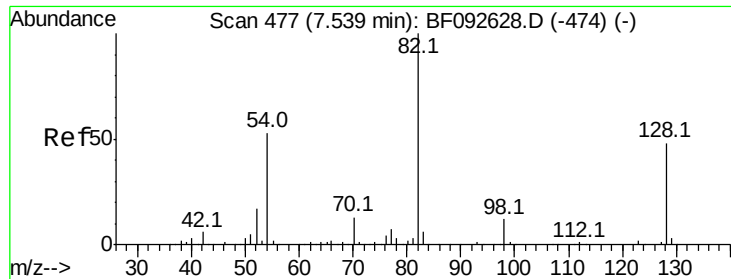
Abundance Ion 136.00 (135.70 to 136.70): E

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

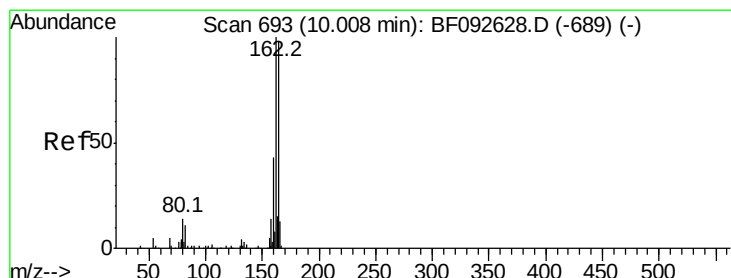
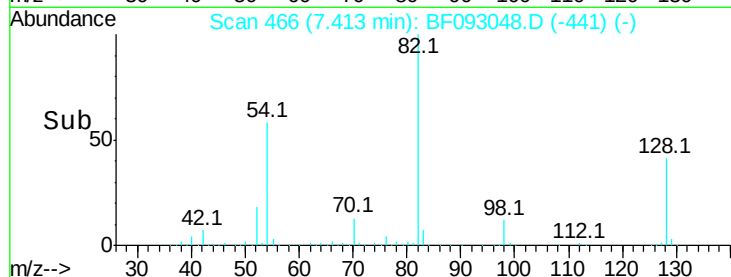
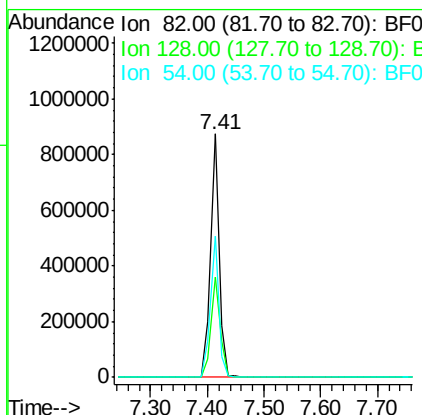
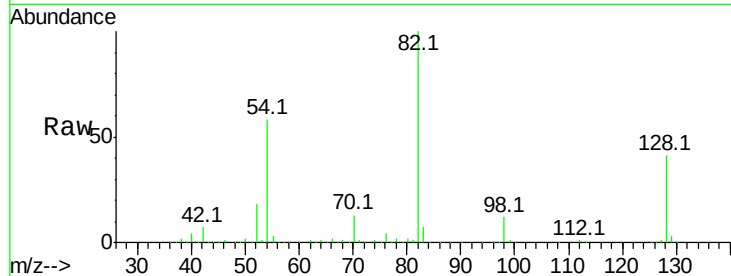




#23
 Nitrobenzene-d5
 Concen: 81.80 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093048.D
 Acq: 21 Feb 2017 00:22

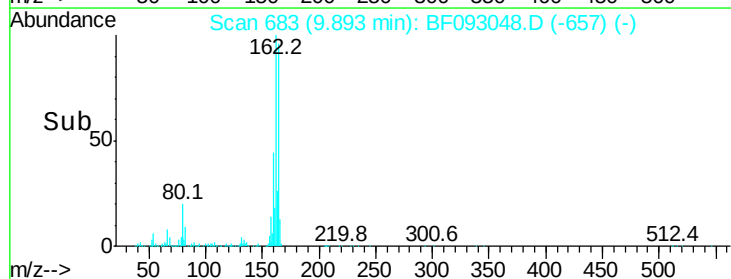
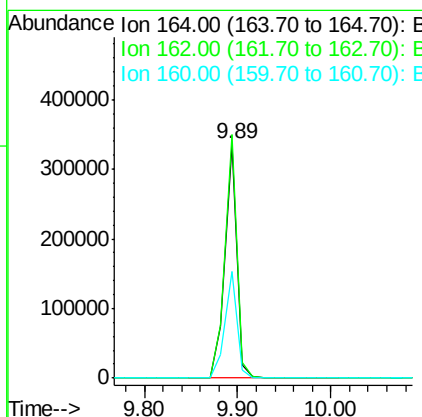
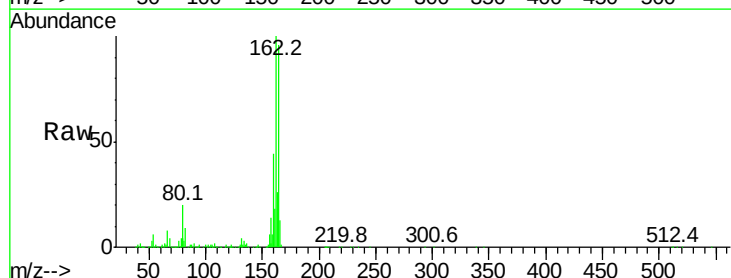
Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

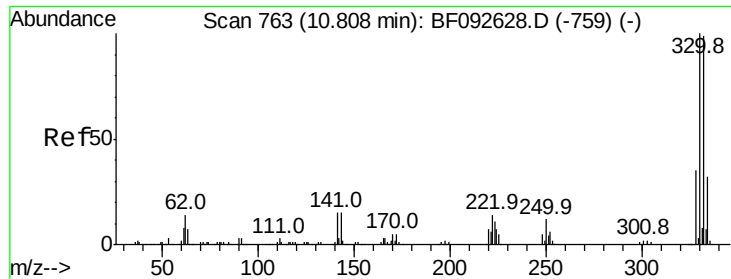
Tot Ion: 82 Resp: 881384
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 58.1 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093048.D
 Acq: 21 Feb 2017 00:22

Tgt Ion:164 Resp: 297172
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.2 120.2
 160 45.9 36.9 55.3

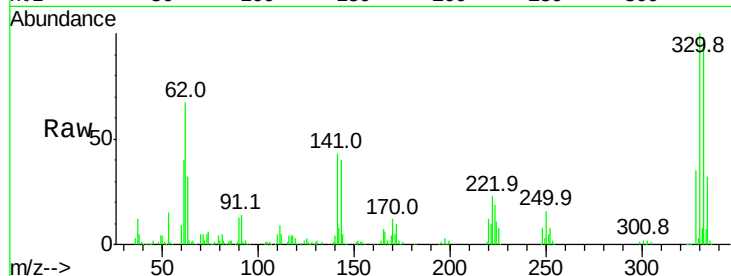




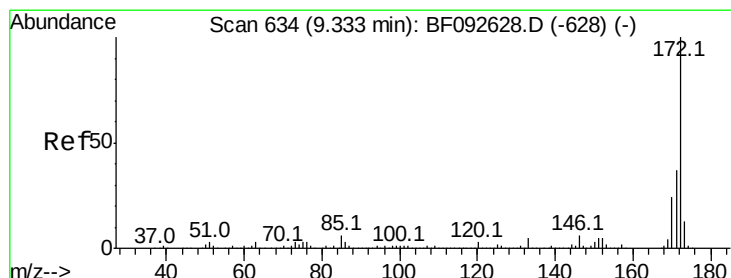
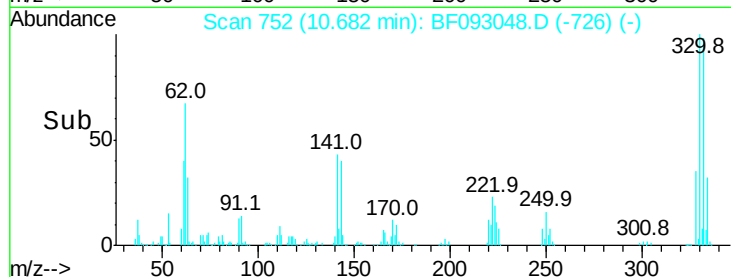
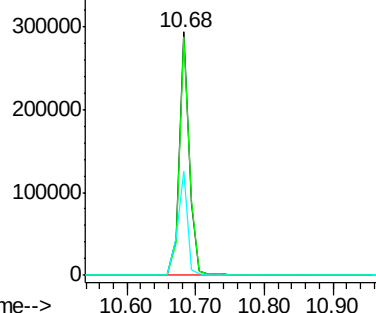
#41
 2,4,6-Tribromophenol
 Concen: 140.12 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093048.D
 Acq: 21 Feb 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	41.3	34.1	51.1

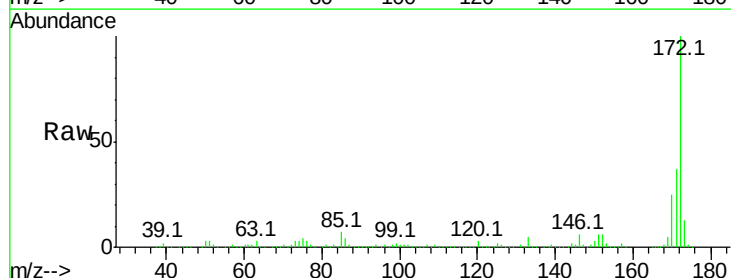


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

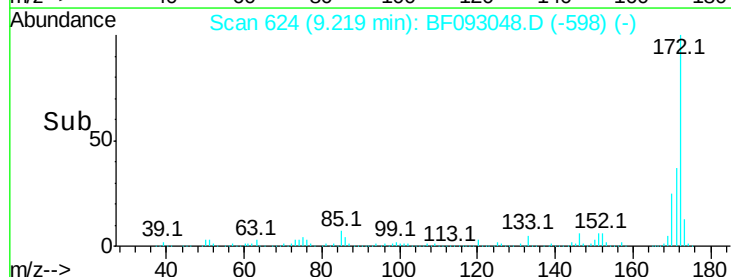
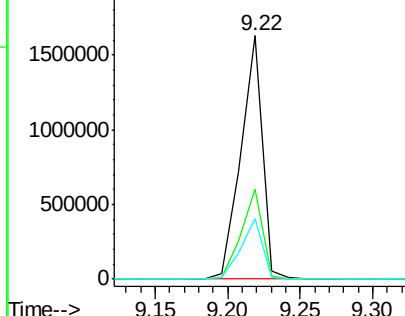


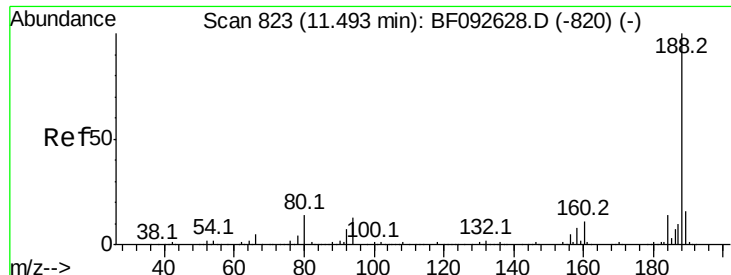
#44
 2-Fluorobiphenyl
 Concen: 102.34 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093048.D
 Acq: 21 Feb 2017 00:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.7	20.2	30.4



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

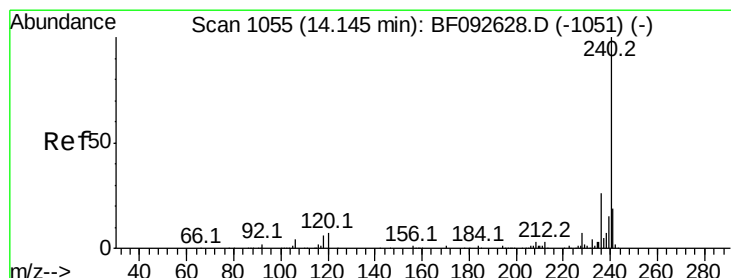
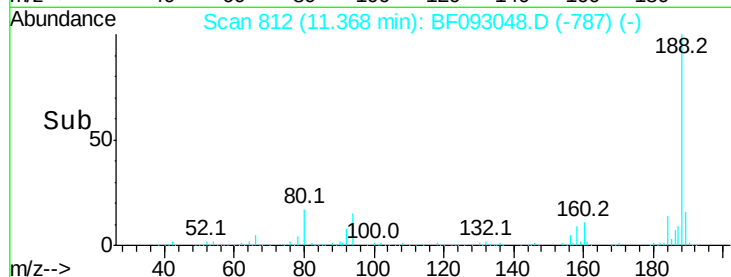
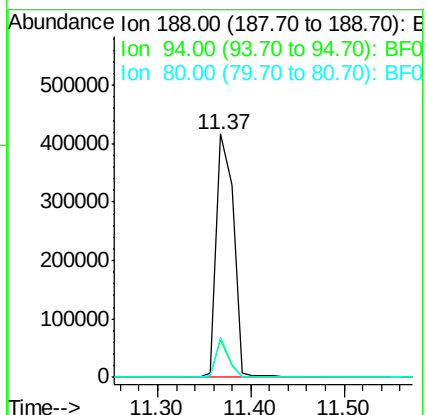
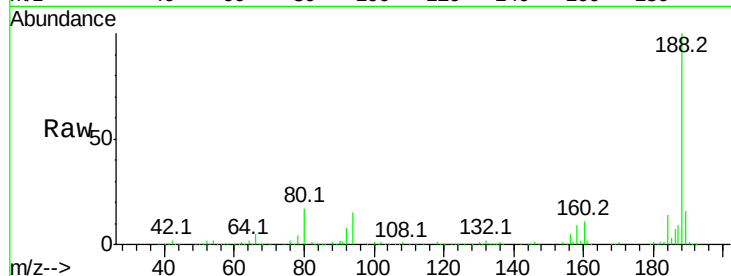




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093048.D
Acq: 21 Feb 2017 00:22

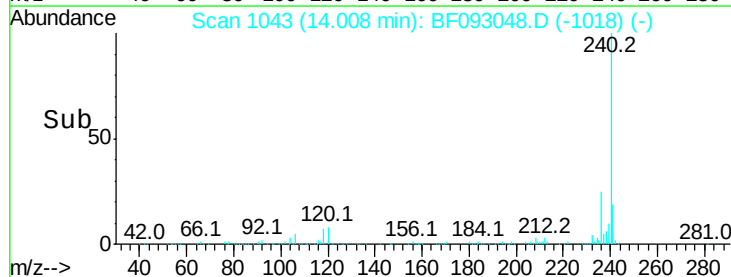
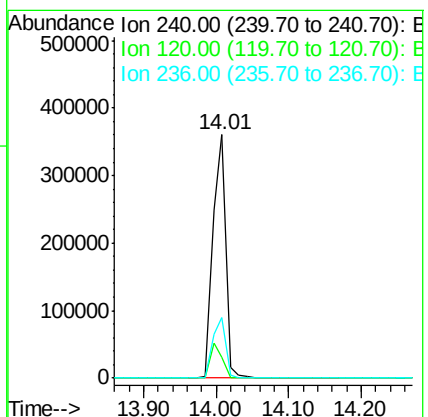
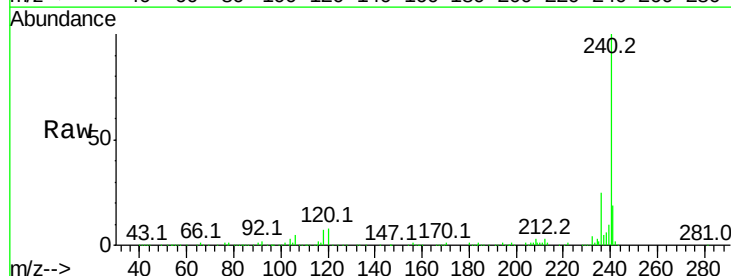
Instrument :
BNA_F
ClientSampleId :
SP-EFGH-COMP

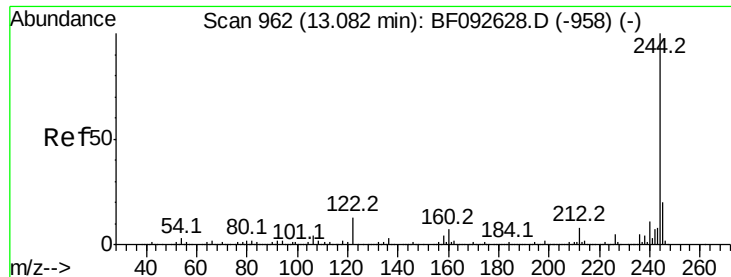
Tot Ion:188 Resp: 527611
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 16.6 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093048.D
Acq: 21 Feb 2017 00:22

Tgt Ion:240 Resp: 439392
Ion Ratio Lower Upper
240 100
120 8.5 12.9 19.3#
236 24.9 20.9 31.3

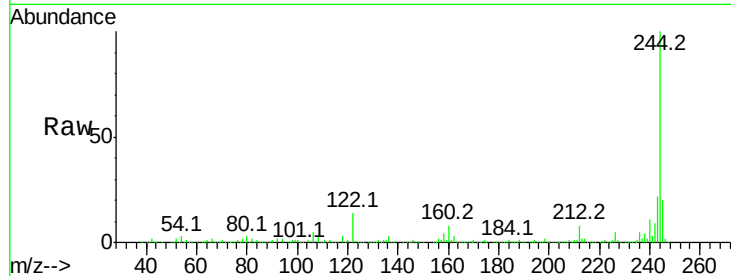




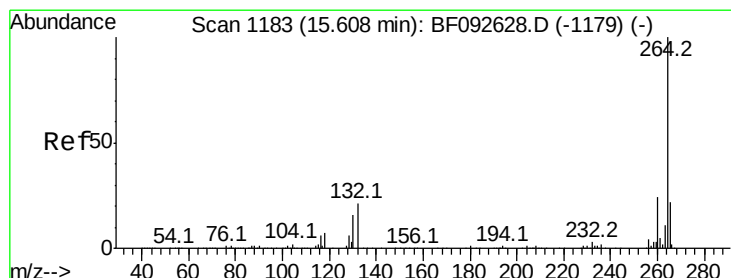
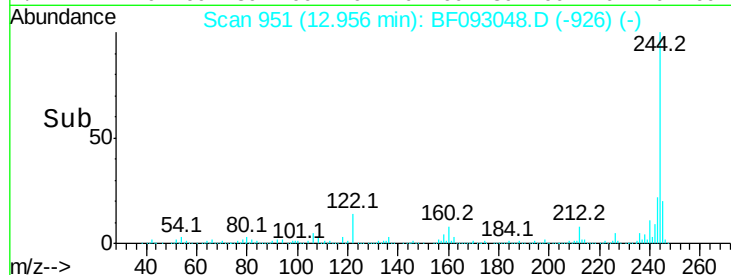
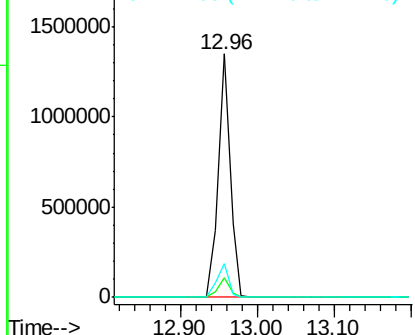
#78
 Terphenyl-d14
 Concen: 78.83 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093048.D
 Acq: 21 Feb 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SP-EFGH-COMP

Tot Ion:244 Resp: 1474199
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.8 11.4 17.2

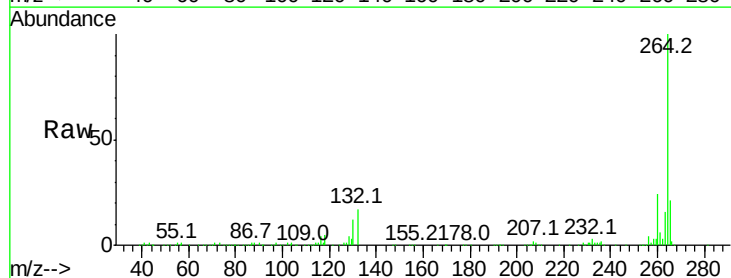


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093048.D
 Acq: 21 Feb 2017 00:22

Tgt Ion:264 Resp: 316244
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.2 17.4 26.0



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

