

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094775.D
 Acq On : 2 May 2017 3:41
 Operator : SJ/MA
 Sample : I2928-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: May 02 05:31:36 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

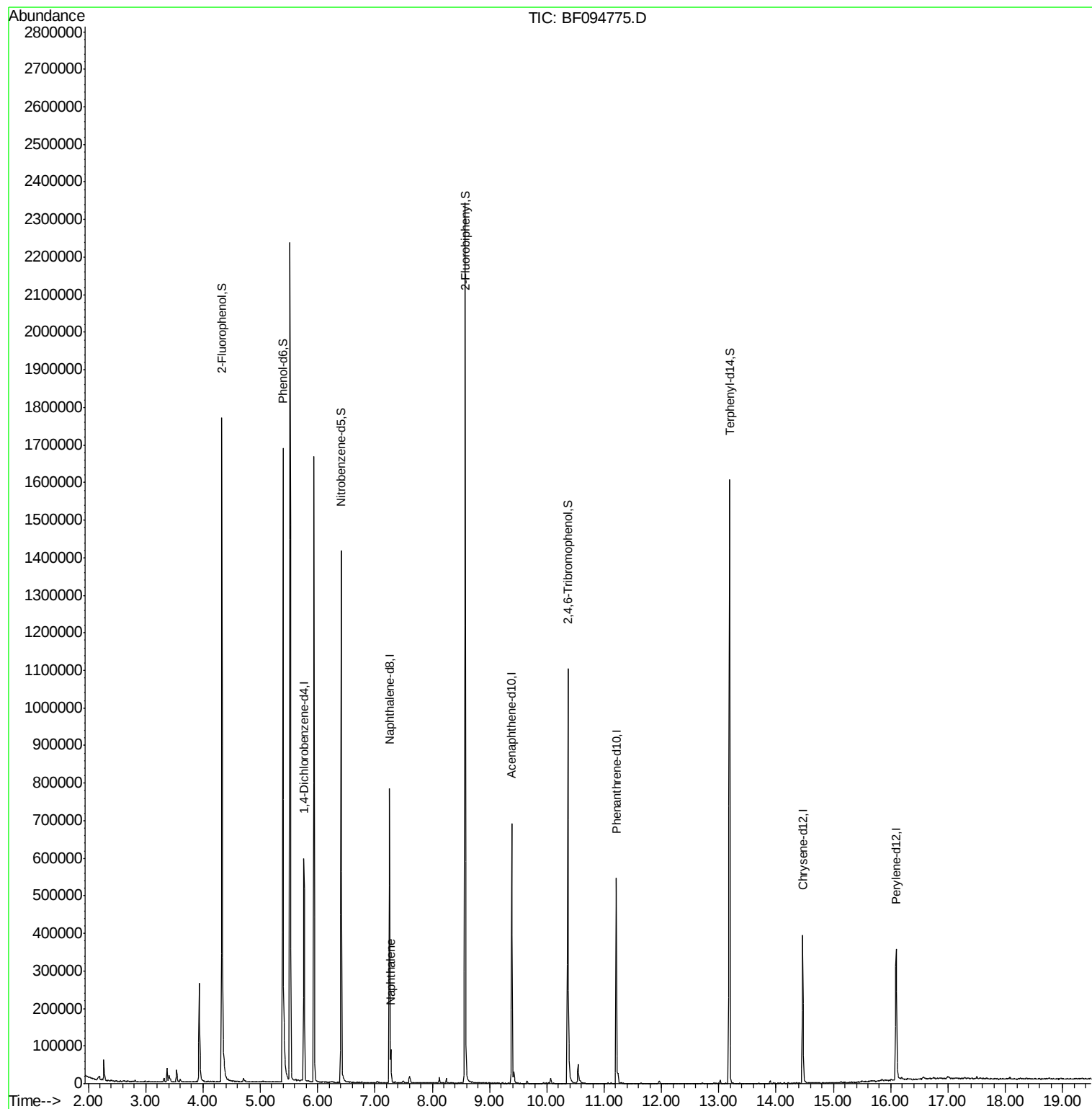
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	96317	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	381469	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	161850	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	241820	20.00	ng	0.00
75) Chrysene-d12	14.47	240	184166	20.00	ng	0.00
86) Perylene-d12	16.09	264	162463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	589217	101.49	ng	0.03
7) Phenol-d6	5.40	99	670467	97.96	ng	0.00
23) Nitrobenzene-d5	6.41	82	464312	75.16	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	152862	120.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	877832	79.80	ng	0.00
78) Terphenyl-d14	13.19	244	580422	84.24	ng	0.00
Target Compounds						
31) Naphthalene	7.28	128	36887	2.01	ng	Qvalue 99

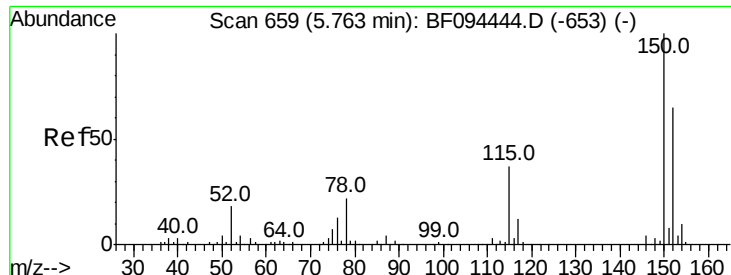
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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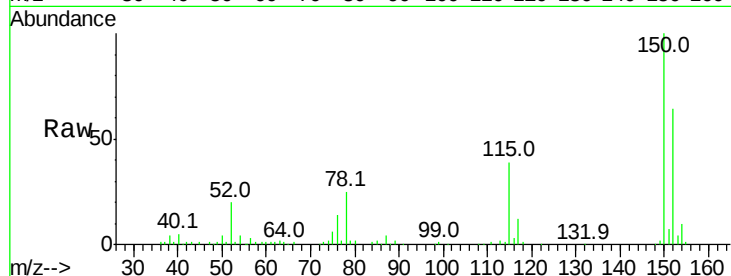


#1

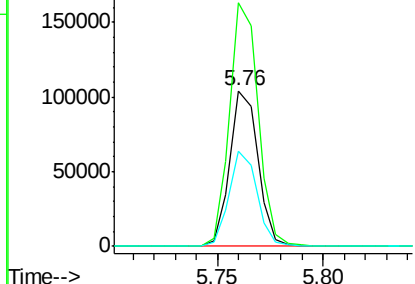
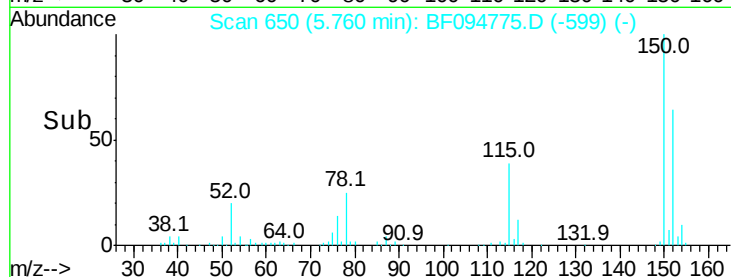
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094775.D
Acq: 2 May 2017 3:41

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tot Ion:152 Resp: 96317
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 61.4 52.2 78.2



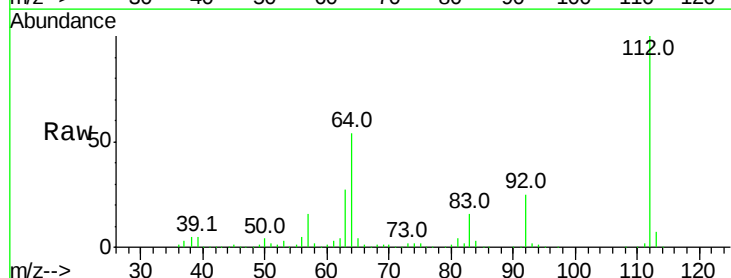
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



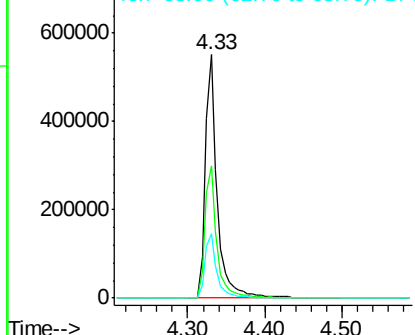
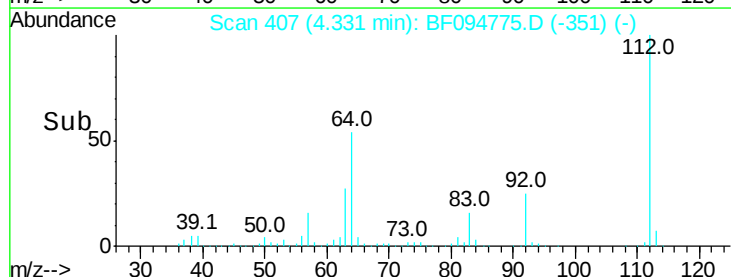
#5

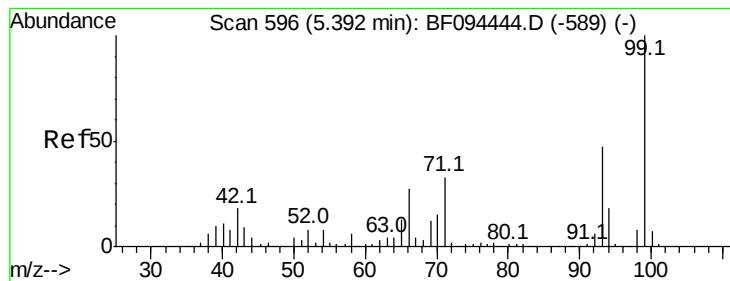
2-Fluorophenol
Concen: 101.49 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094775.D
Acq: 2 May 2017 3:41

Tgt Ion:112 Resp: 589217
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 26.7 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: 97.96 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

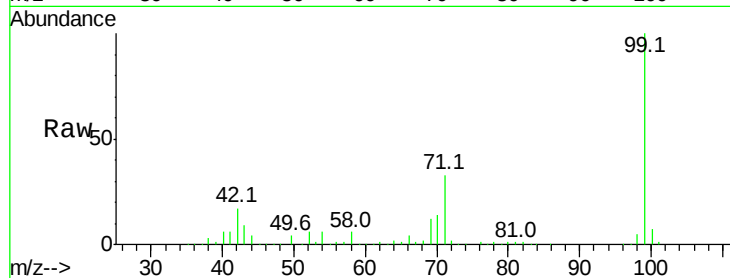
Tot Ion: 99 Resp: 670467

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

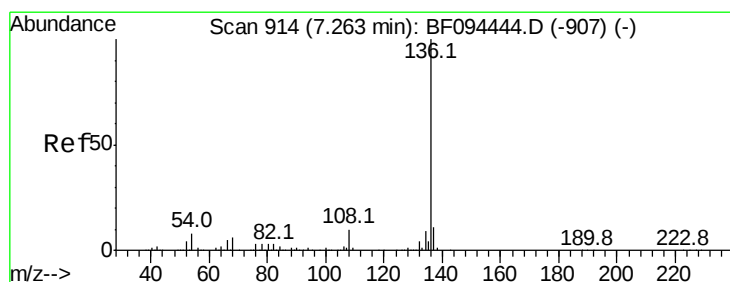
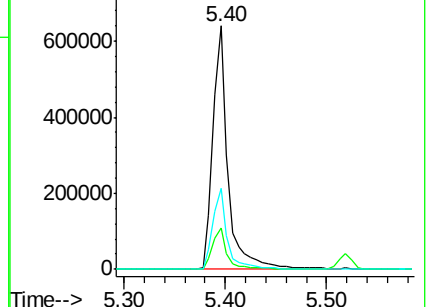
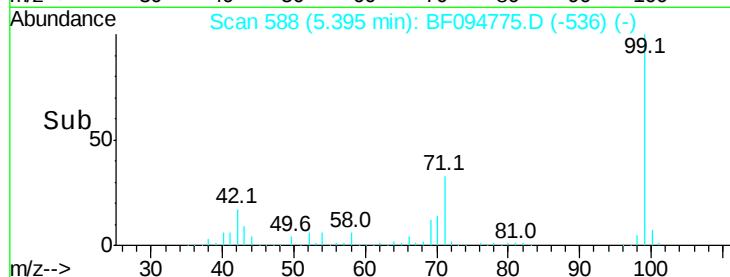
71 33.4 24.5 36.7



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: BF094775.D

Acq: 2 May 2017 3:41

Tgt Ion: 136 Resp: 381469

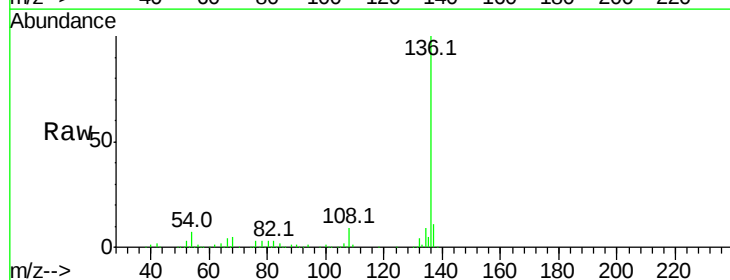
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.0 4.1 6.1

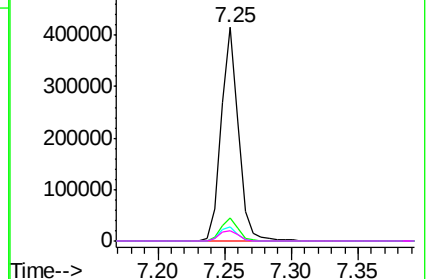
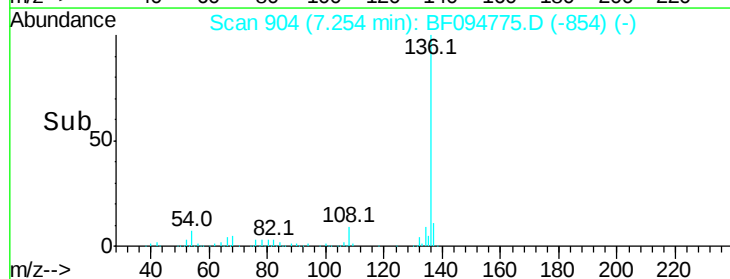


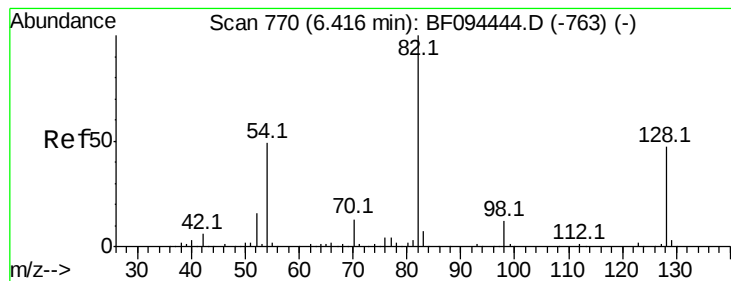
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.16 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

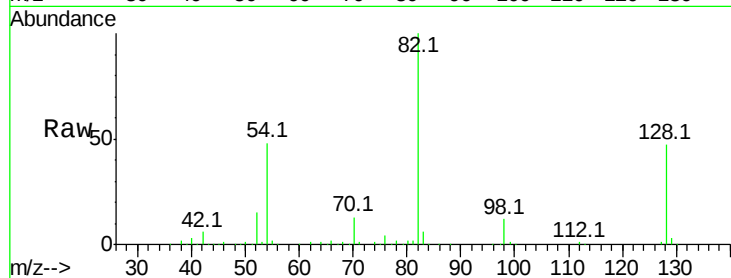
Tot Ion: 82 Resp: 464312

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

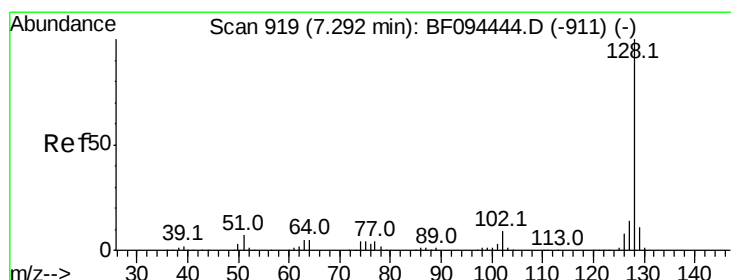
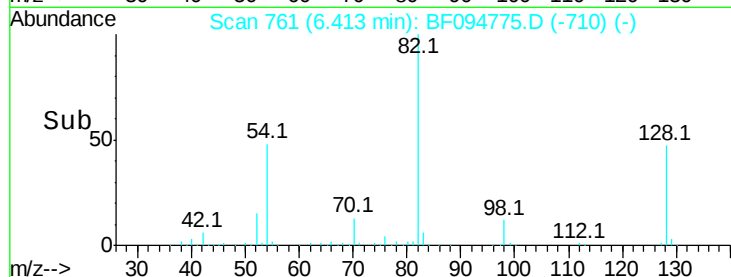
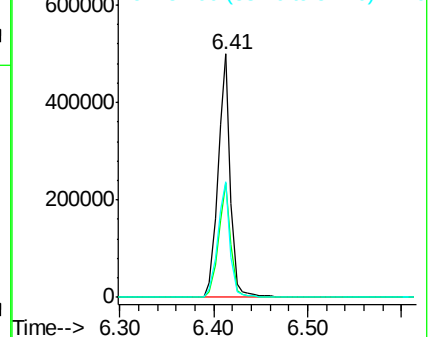
54 47.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 2.01 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

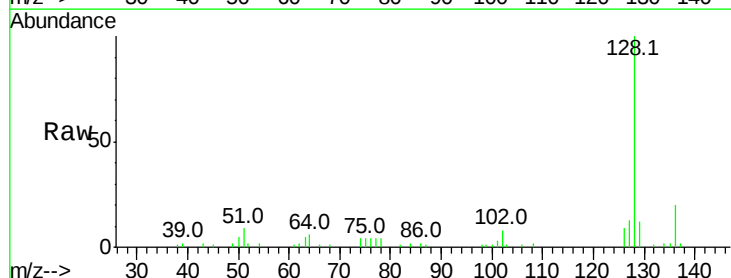
Tgt Ion:128 Resp: 36887

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

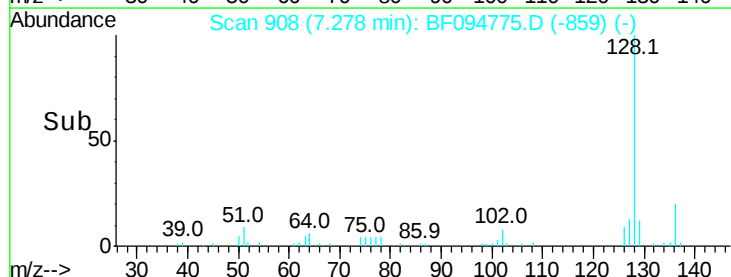
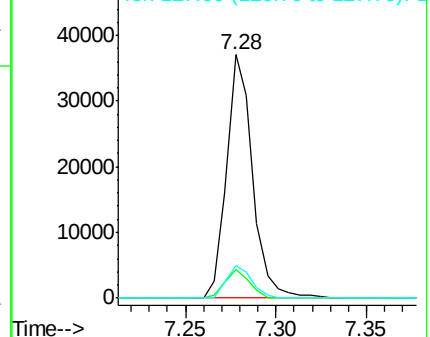
127 13.1 10.8 16.2

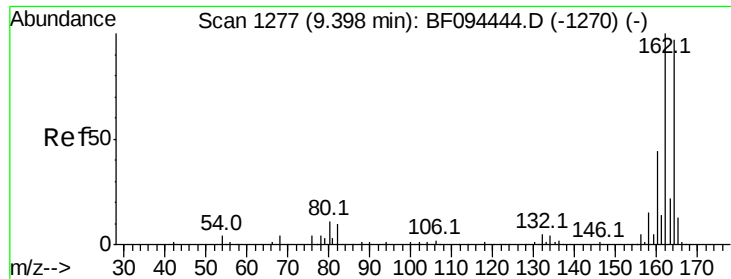


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

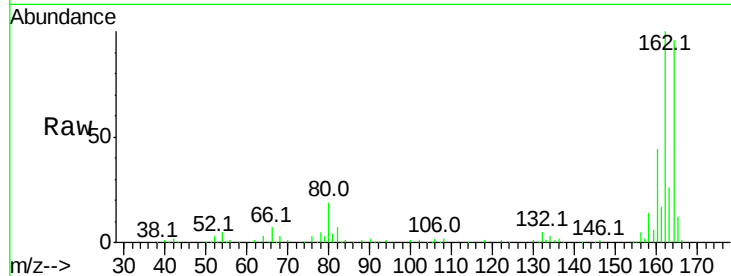
Tot Ion:164 Resp: 161850

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

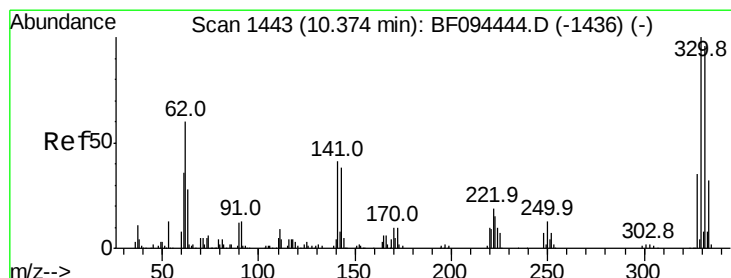
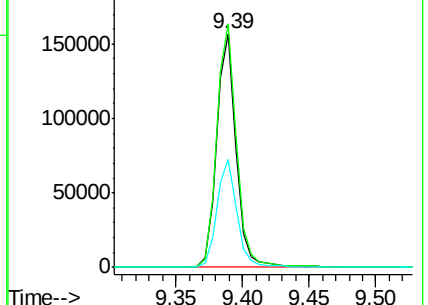
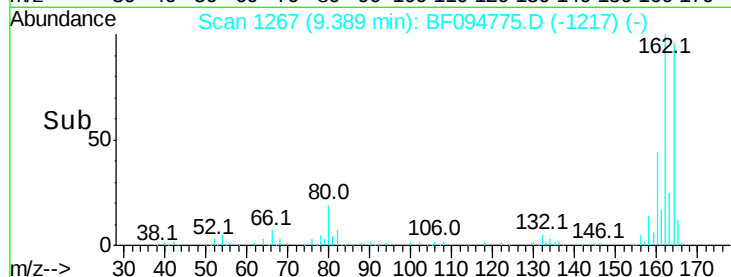
160 46.0 36.2 54.2



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: 120.75 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

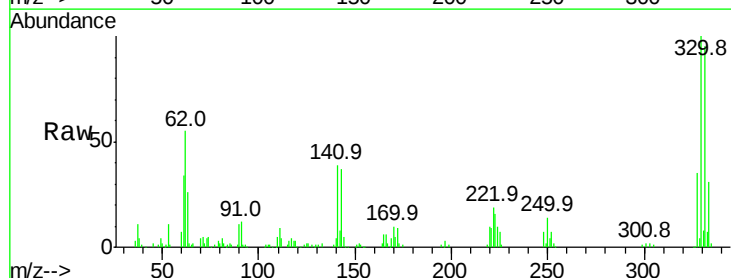
Tgt Ion:330 Resp: 152862

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

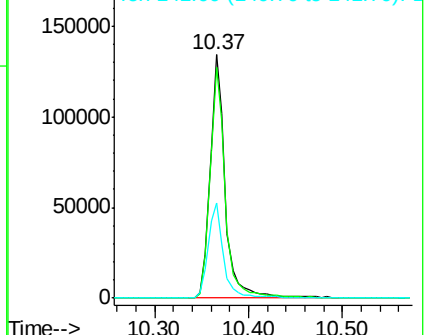
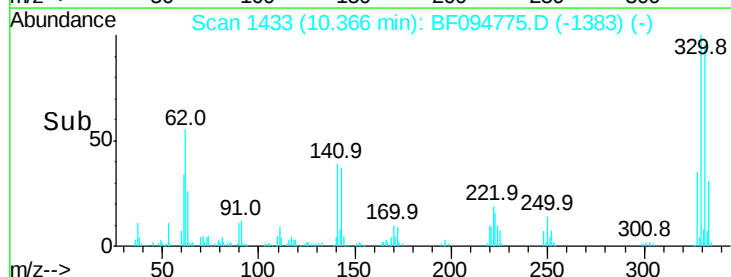
141 39.6 31.4 47.2

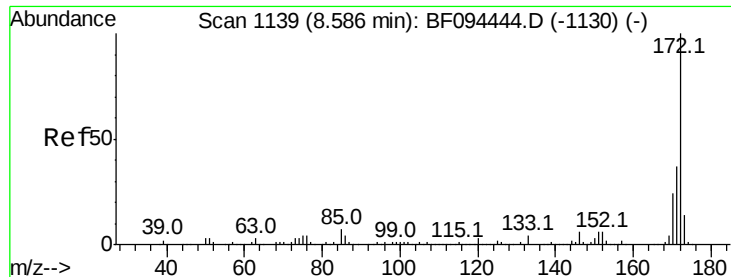


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

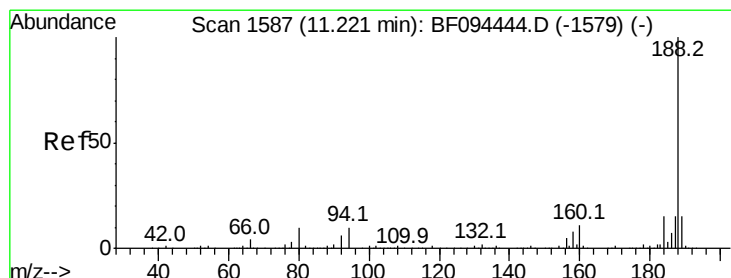
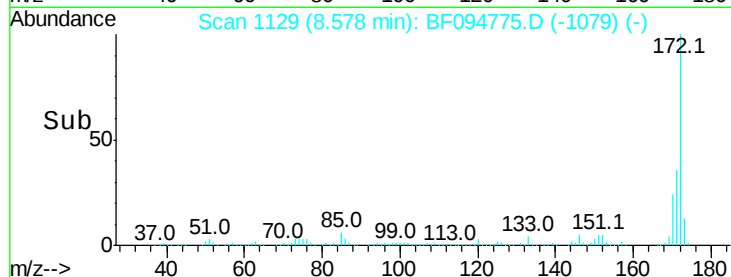
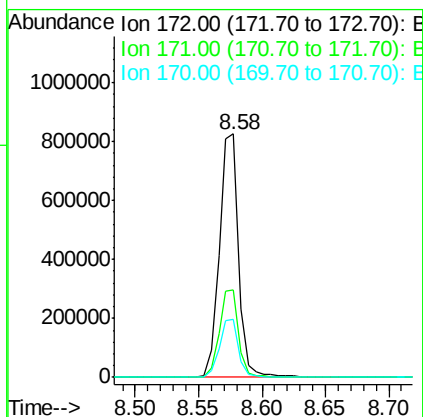
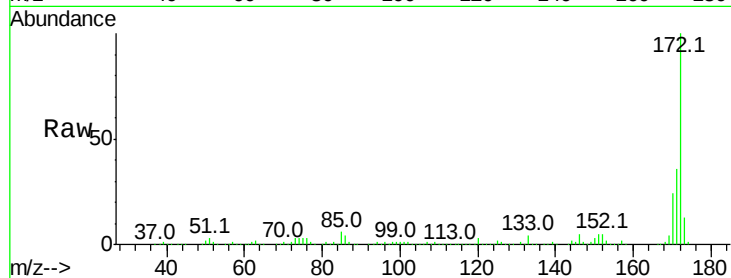




#44
 2-Fluorobiphenyl
 Concen: 79.80 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

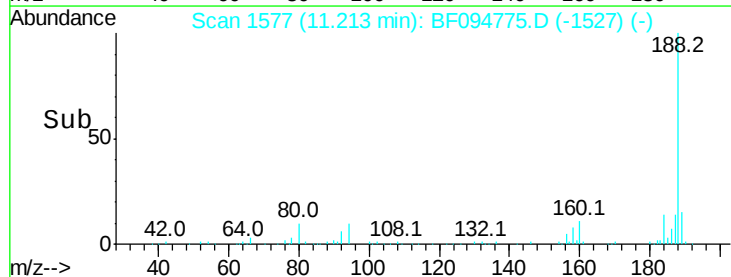
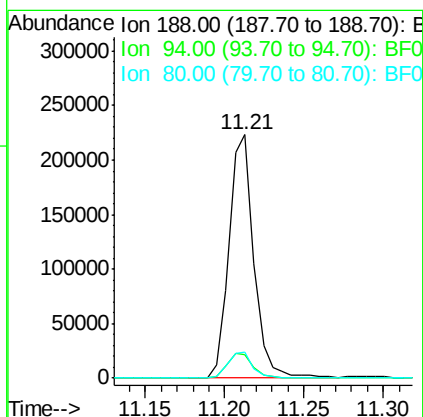
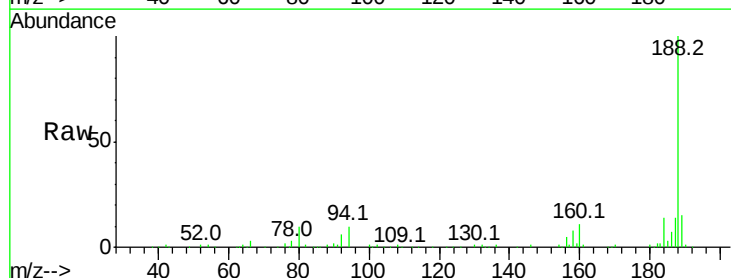
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

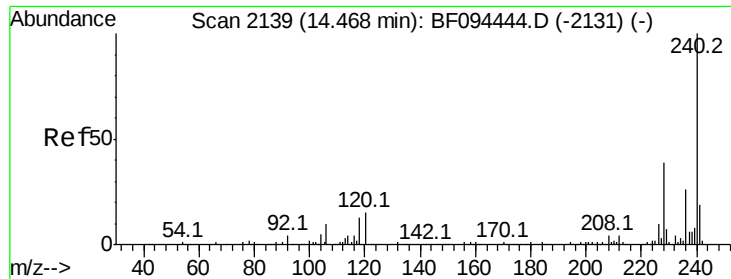
Tot Ion:172 Resp: 877832
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094775.D
 Acq: 2 May 2017 3:41

Tgt Ion:188 Resp: 241820
 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: BF094775.D

Acq: 2 May 2017 3:41

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

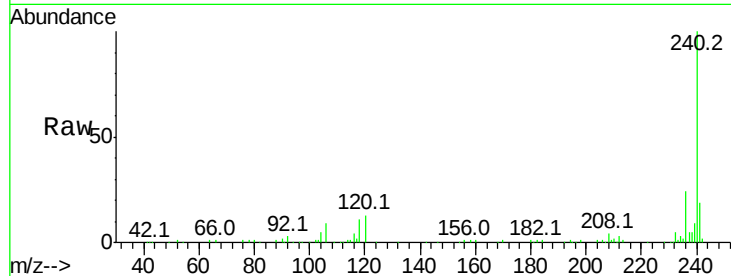
Tot Ion:240 Resp: 184166

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

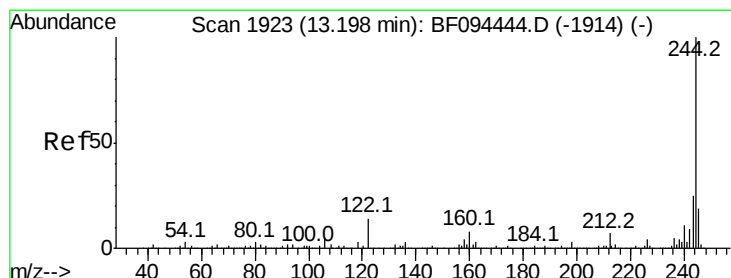
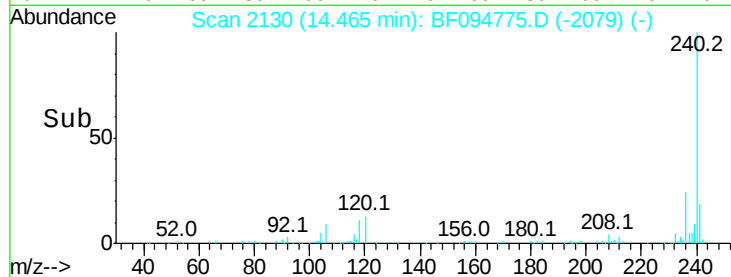
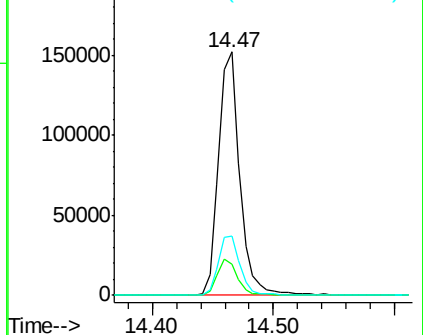
236 24.5 20.5 30.7



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: 84.24 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094775.D

Acq: 2 May 2017 3:41

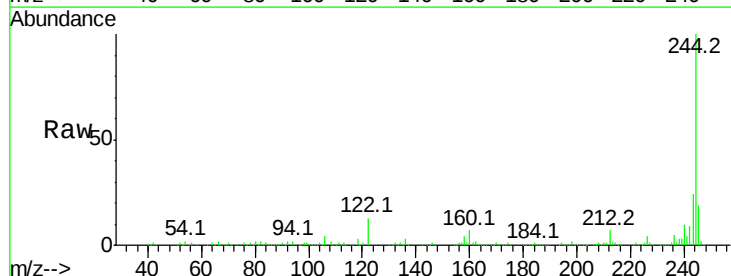
Tgt Ion:244 Resp: 580422

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

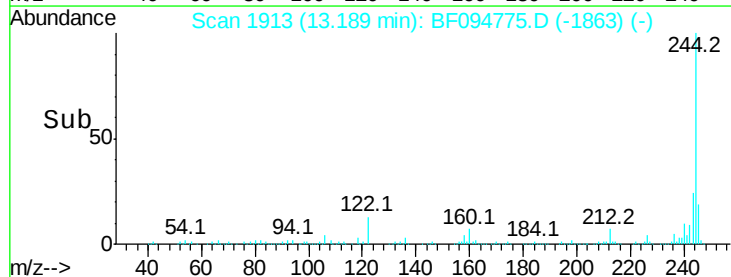
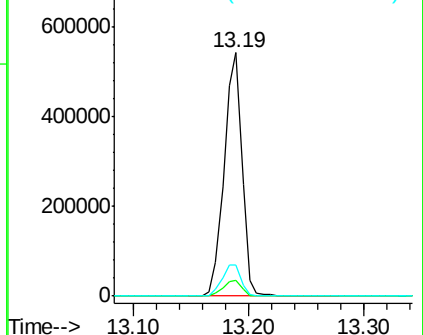
122 12.9 10.3 15.5

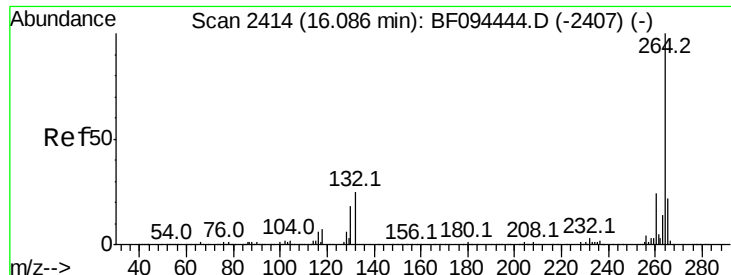


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



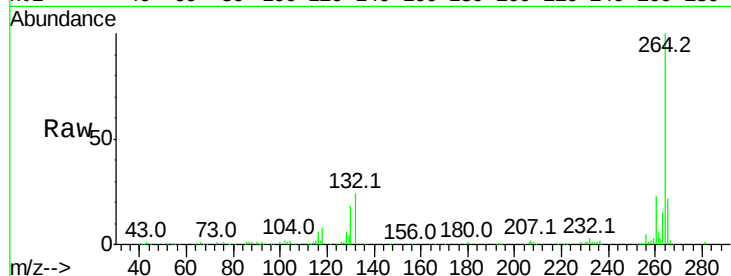


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094775.D
Acq: 2 May 2017 3:41

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tot Ion: 264 Resp: 162463

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.5	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

