

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094772.D
 Acq On : 2 May 2017 2:19
 Operator : SJ/MA
 Sample : I2920-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 04:54:32 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

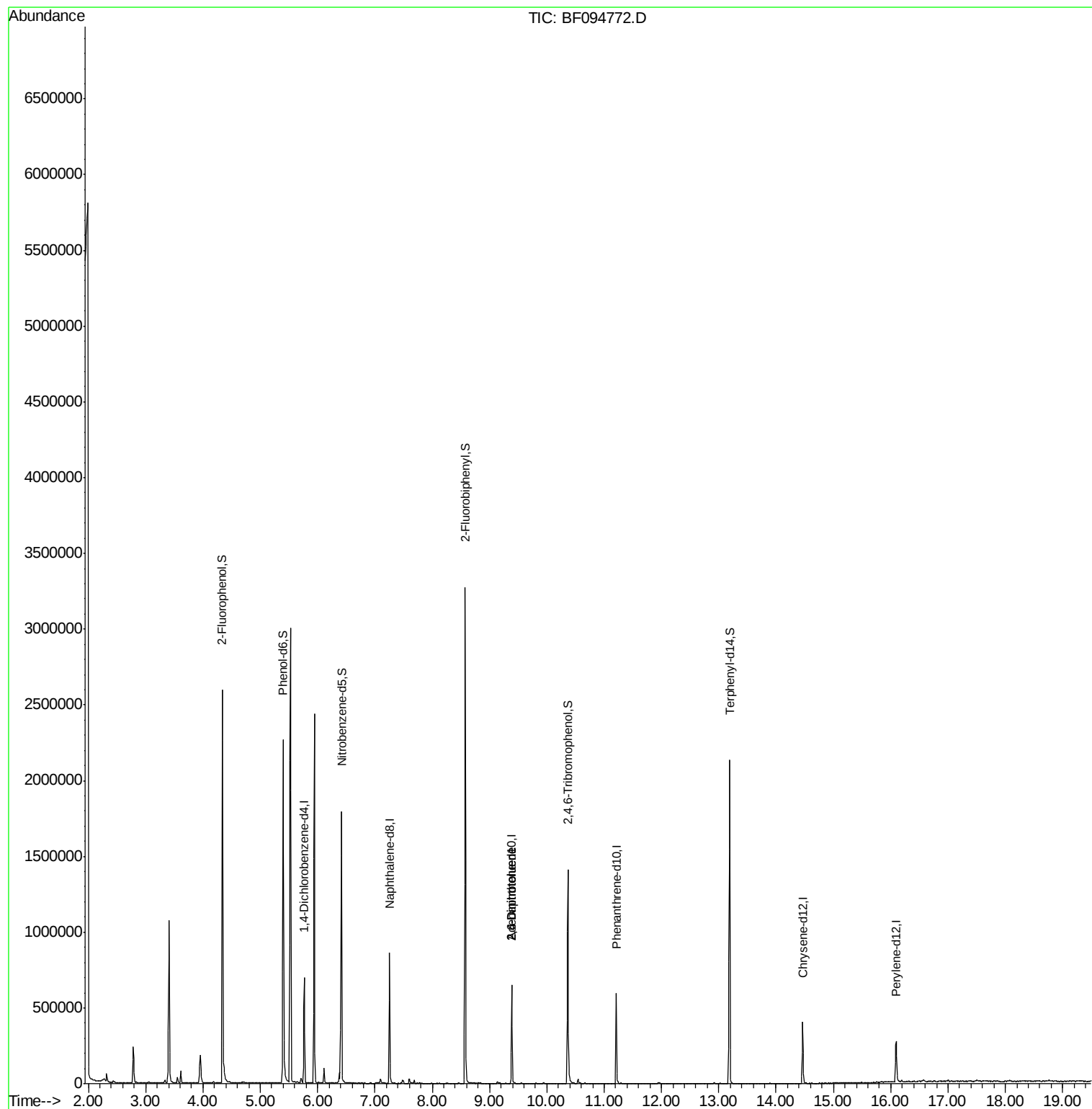
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	106181	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	411533	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	152418	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	264537	20.00	ng	0.00
75) Chrysene-d12	14.47	240	176192	20.00	ng	0.00
86) Perylene-d12	16.09	264	101583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	865394	135.22	ng	0.03
7) Phenol-d6	5.40	99	903467	119.74	ng	0.00
23) Nitrobenzene-d5	6.42	82	651145	97.70	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	199882	167.66	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1167571	112.71	ng	0.00
78) Terphenyl-d14	13.19	244	756276	114.73	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.39	165	19282	7.56	ng	# 35
56) 2,4-Dinitrotoluene	9.39	165	19282	6.16	ng	# 34

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

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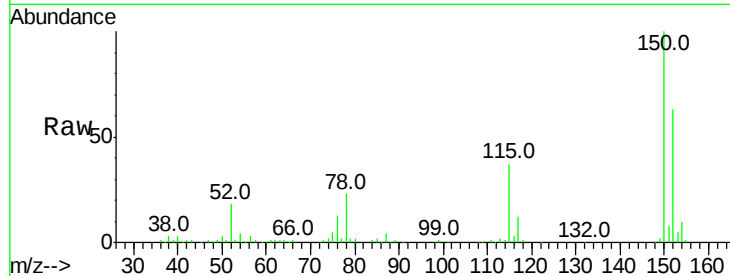


#1

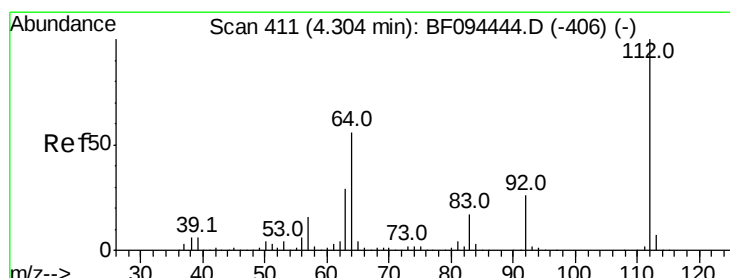
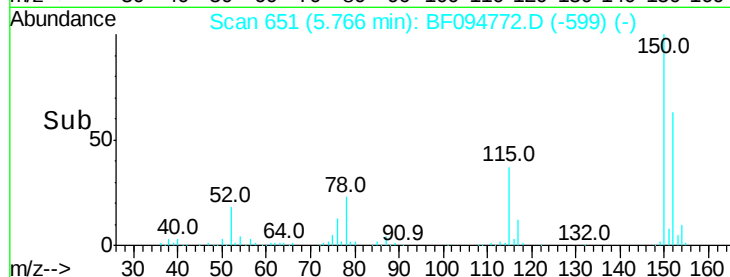
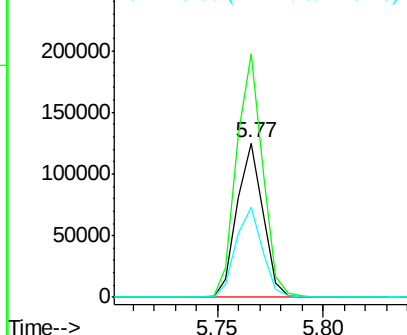
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094772.D
Acq: 2 May 2017 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106181
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 58.7 52.2 78.2



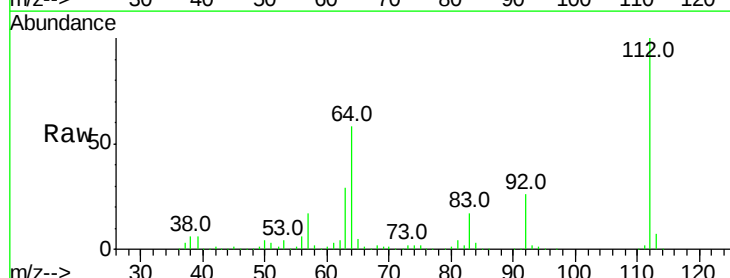
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



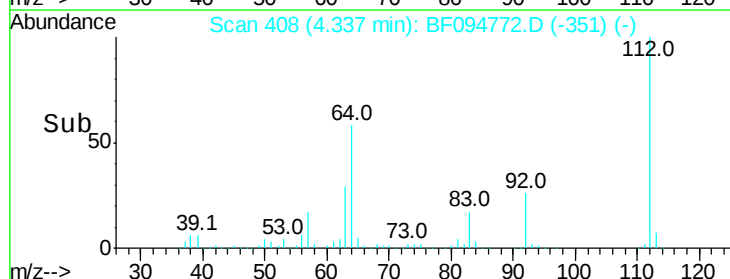
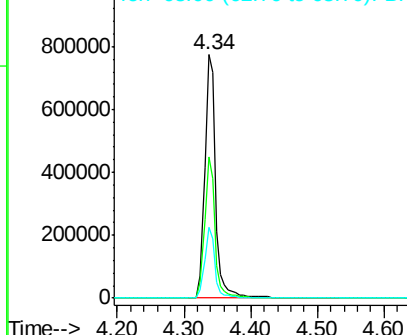
#5

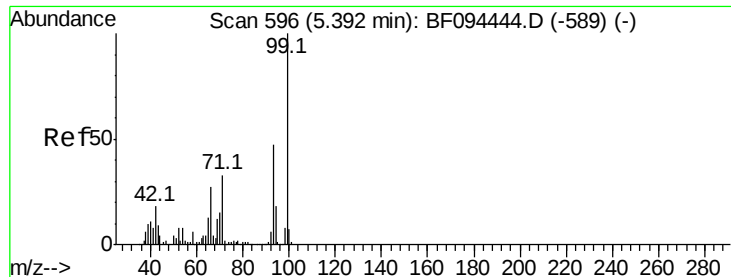
2-Fluorophenol
Concen: 135.22 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094772.D
Acq: 2 May 2017 2:19

Tgt Ion:112 Resp: 865394
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.2 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: 119.74 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094772.D

Acq: 2 May 2017 2:19

Instrument :

BNA_F

ClientSampleId :

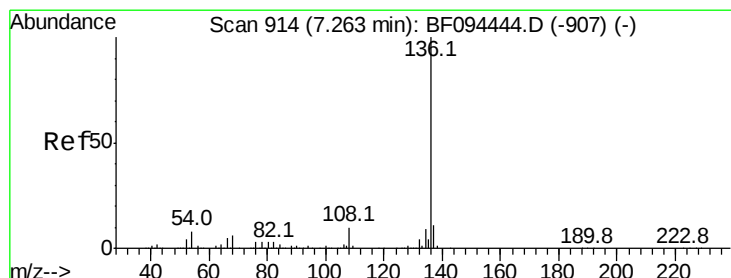
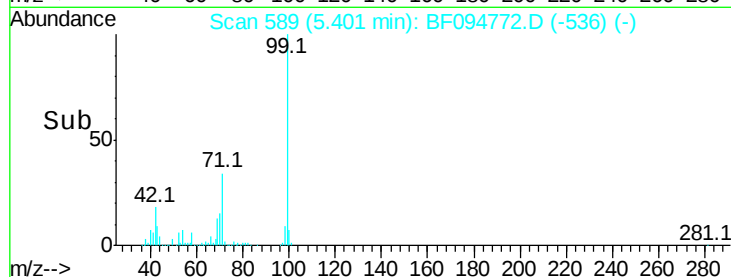
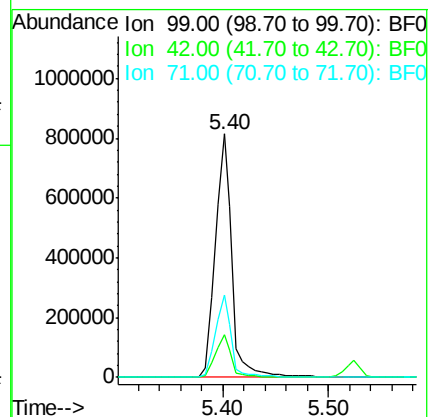
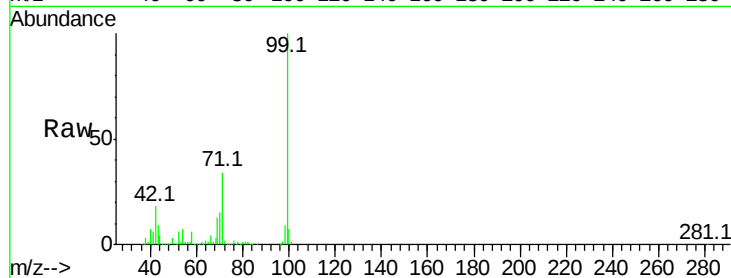
Tot Ion: 99 Resp: 903467

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 34.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094772.D

Acq: 2 May 2017 2:19

Tgt Ion: 136 Resp: 411533

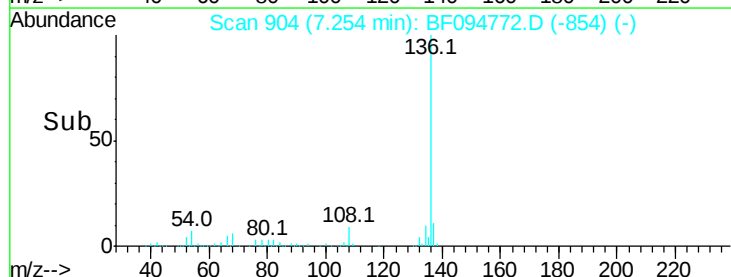
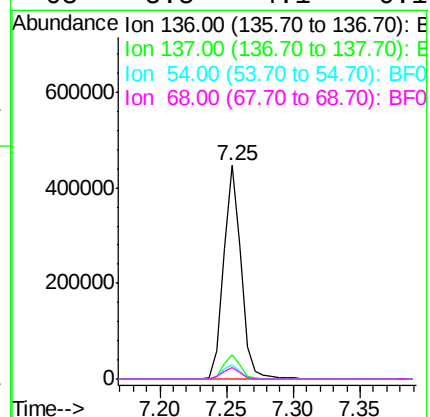
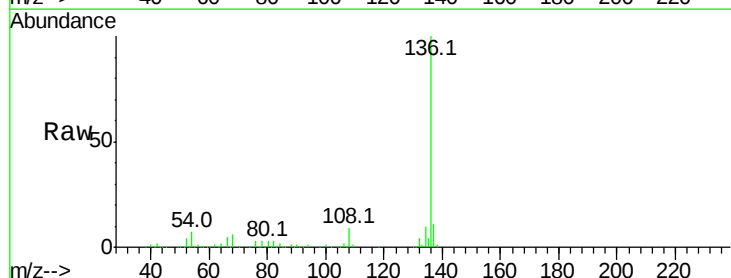
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

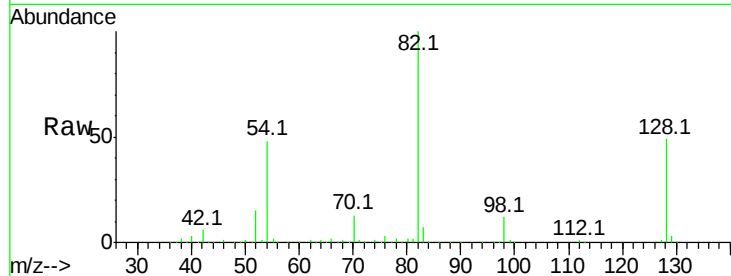




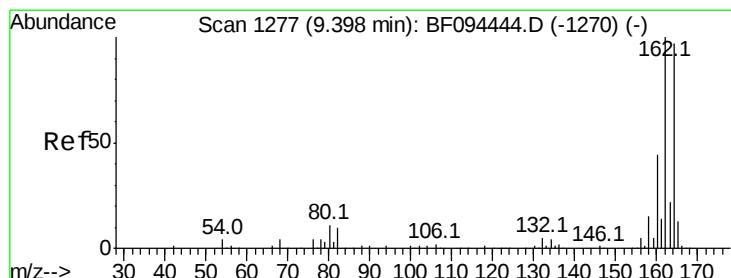
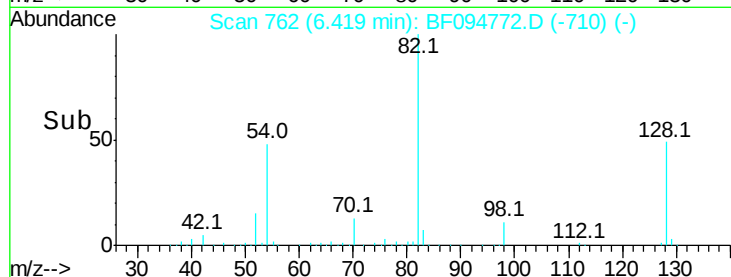
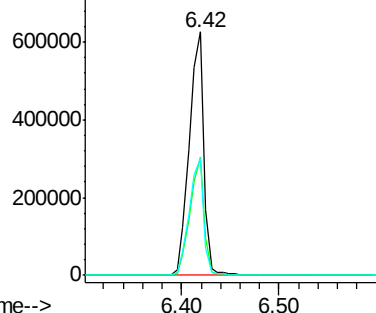
#23
 Nitrobenzene-d5
 Concen: 97.70 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094772.D
 Acq: 2 May 2017 2:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	47.8	42.2	63.2

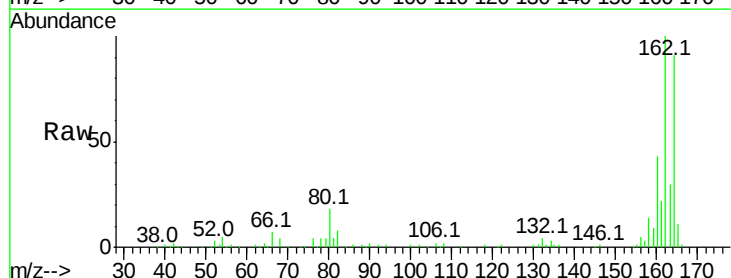


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

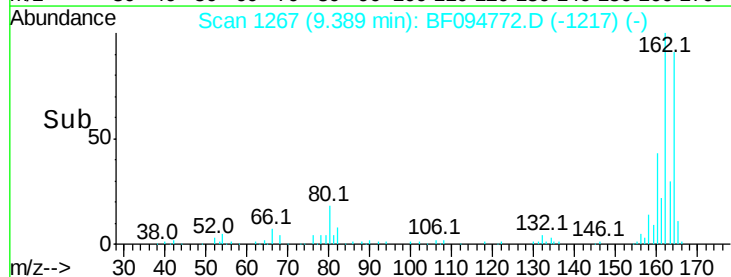
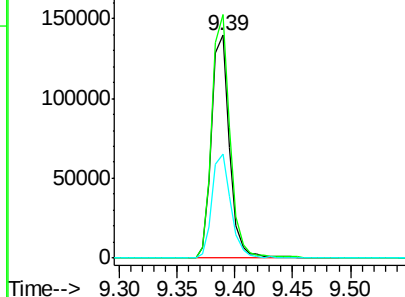


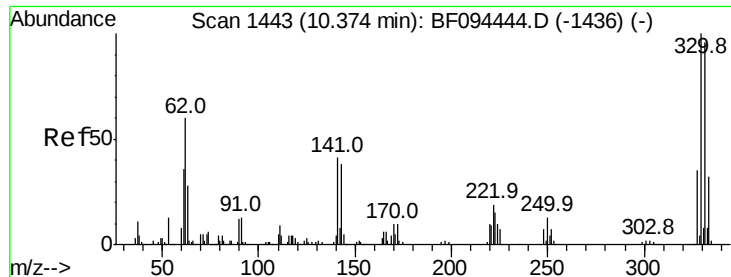
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094772.D
 Acq: 2 May 2017 2:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.4	82.6	123.8
160	46.9	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

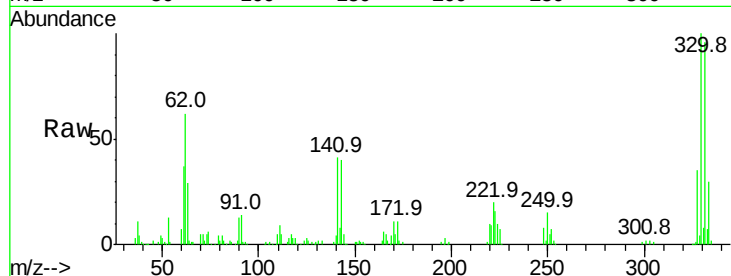




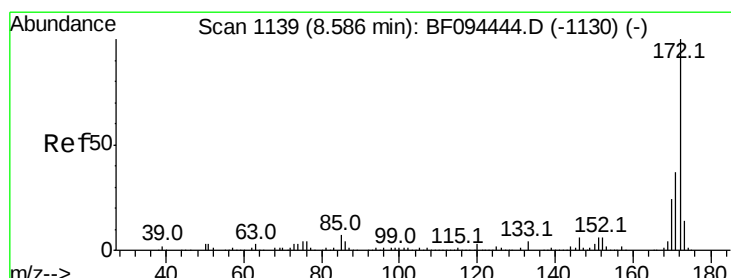
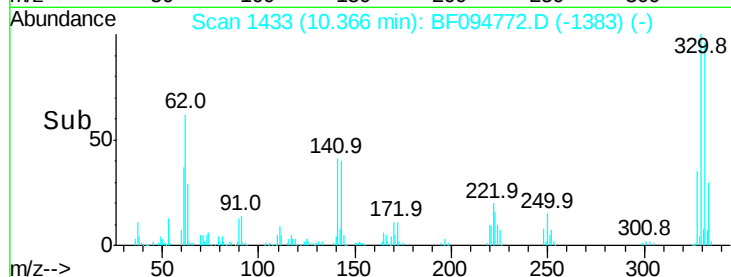
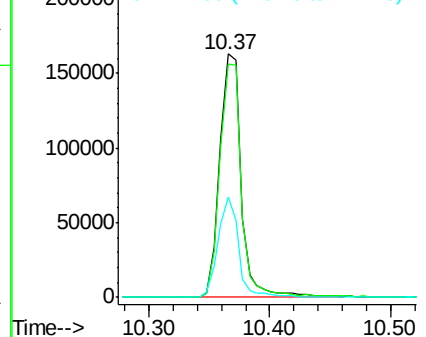
#41
 2,4,6-Tribromophenol
 Concen: 167.66 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094772.D
 Acq: 2 May 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.0	31.4	47.2

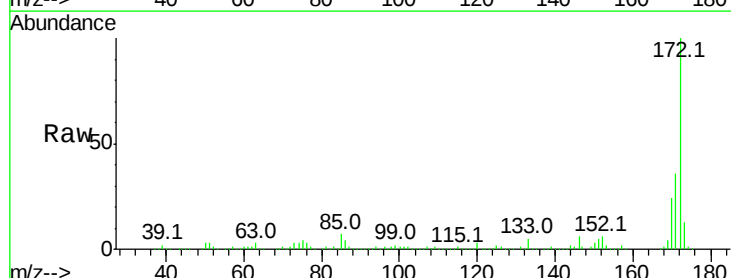


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

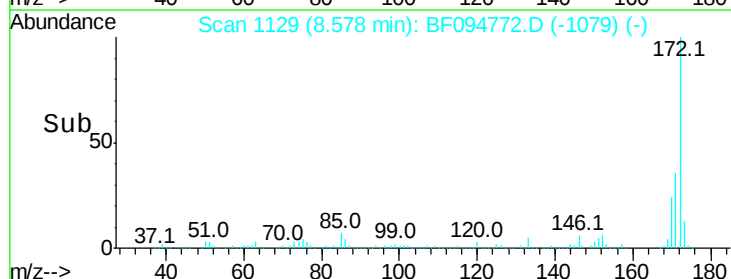
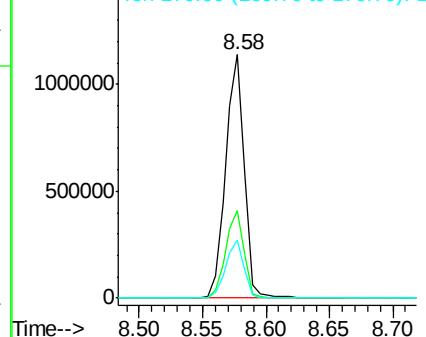


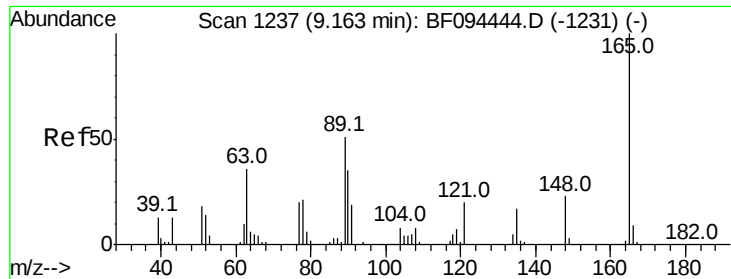
#44
 2-Fluorobiphenyl
 Concen: 112.71 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094772.D
 Acq: 2 May 2017 2:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#50

2,6-Dinitrotoluene

Concen: 7.56 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.23 min

Lab File: BF094772.D

Acq: 2 May 2017 2:19

Instrument :

BNA_F

ClientSampleId :

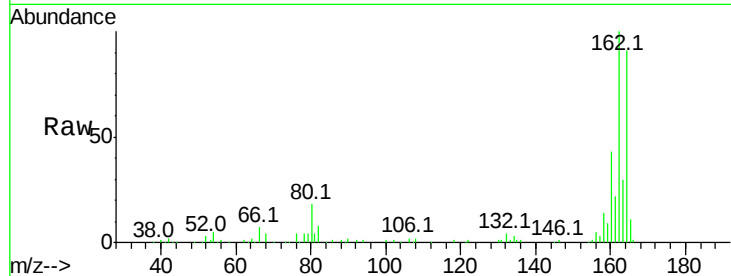
Tot Ion:165 Resp: 19282

Ion Ratio Lower Upper

165 100

63 2.0 34.3 51.5#

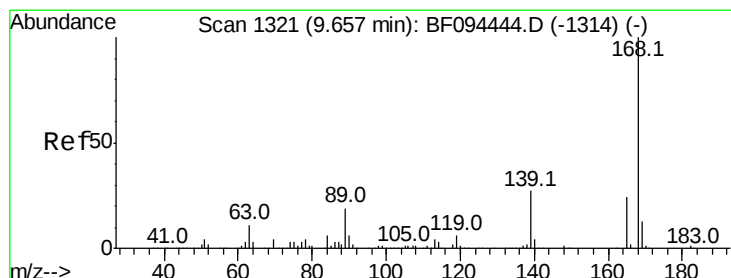
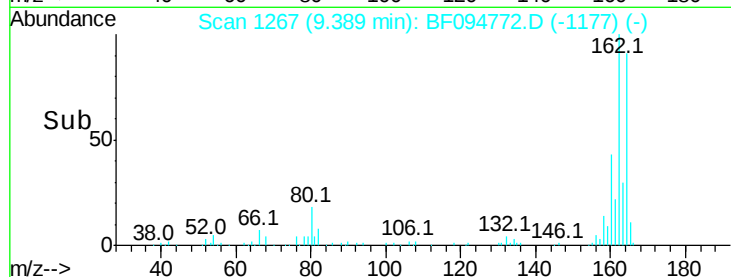
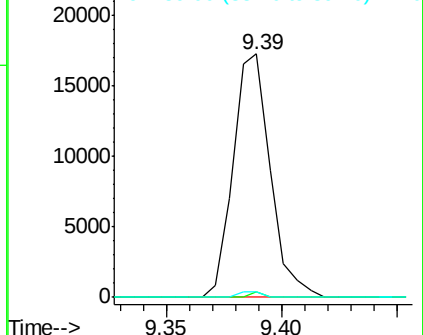
89 2.0 37.1 55.7#



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: 6.16 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.27 min

Lab File: BF094772.D

Acq: 2 May 2017 2:19

Tgt Ion:165 Resp: 19282

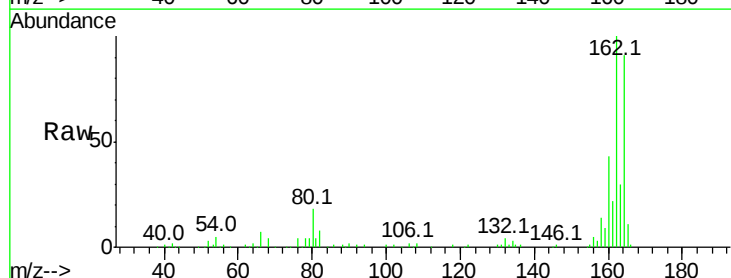
Ion Ratio Lower Upper

165 100

63 2.0 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

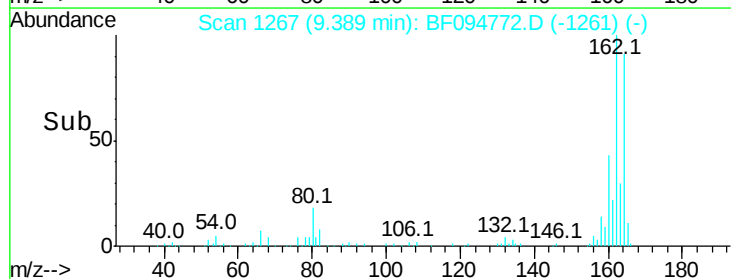
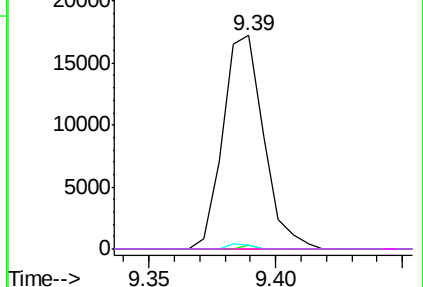


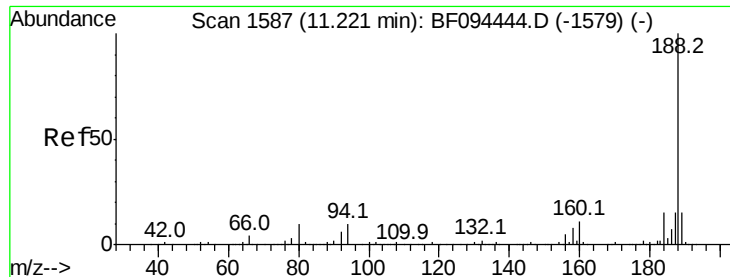
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF094772.D

Acq: 2 May 2017 2:19

Instrument :

BNA_F

ClientSampleId :

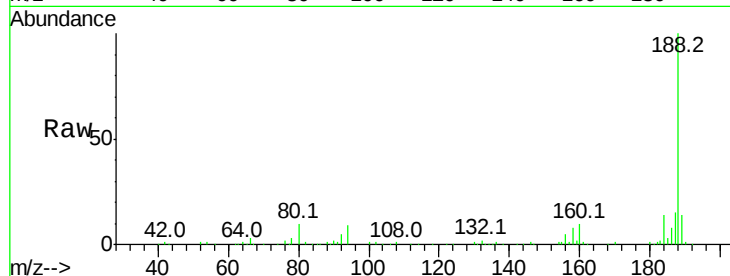
Tot Ion:188 Resp: 264537

Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

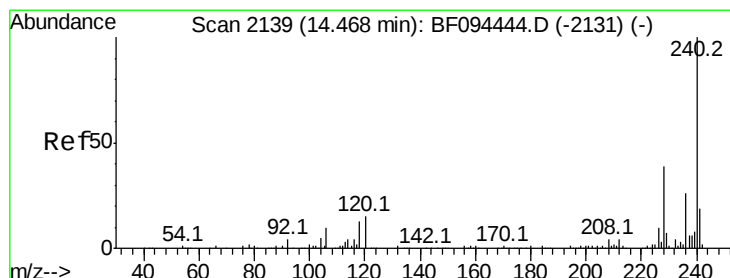
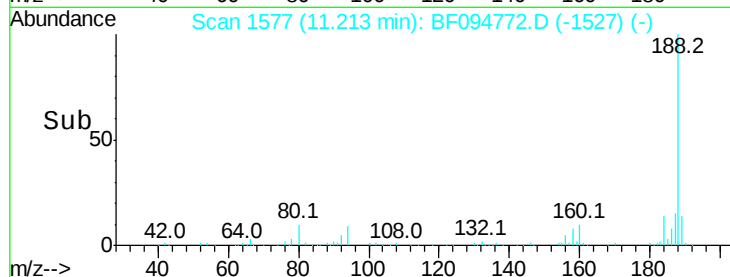
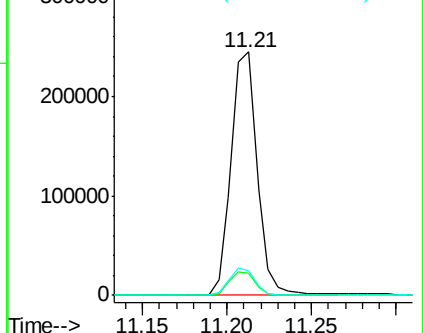
80 10.1 10.2 15.2#



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094772.D

Acq: 2 May 2017 2:19

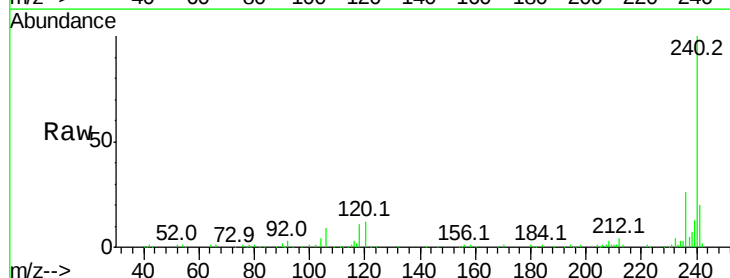
Tgt Ion:240 Resp: 176192

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

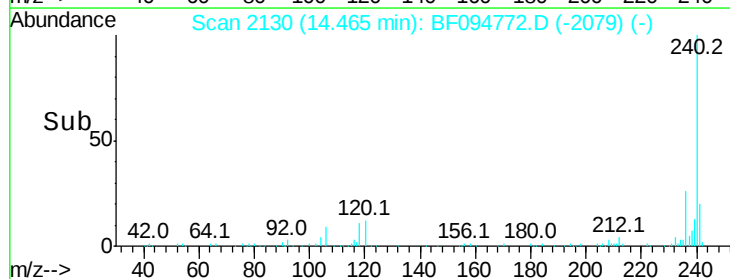
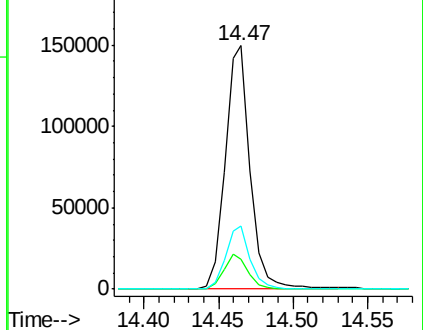
236 25.7 20.5 30.7

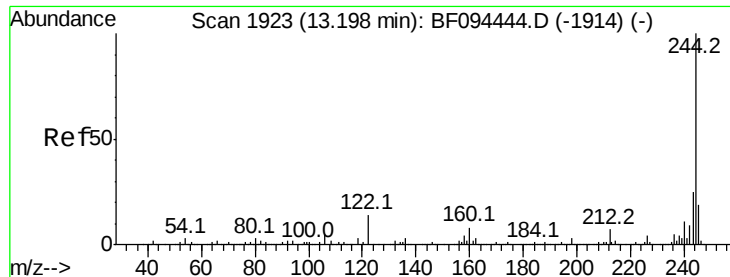


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.73 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094772.D

Acq: 2 May 2017 2:19

Instrument :

BNA_F

ClientSampleId :

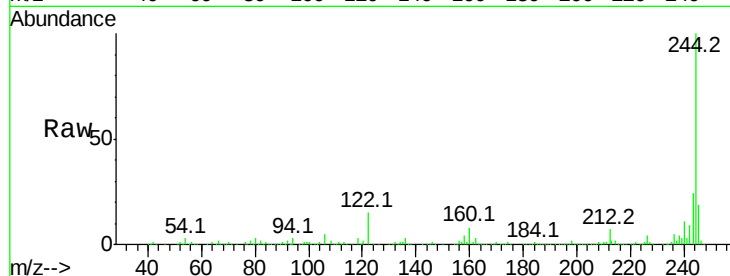
Tot Ion:244 Resp: 756276

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

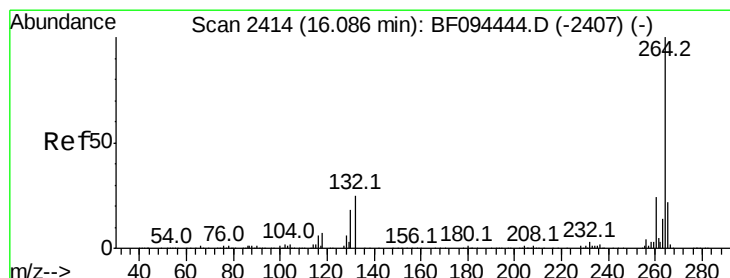
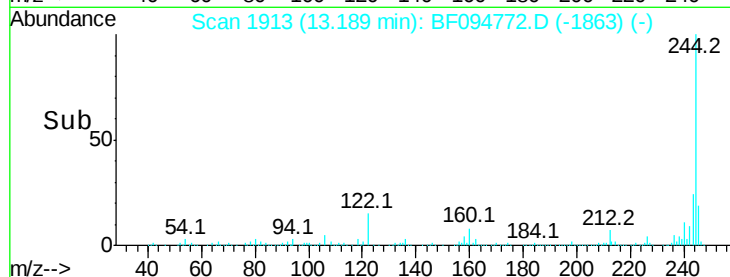
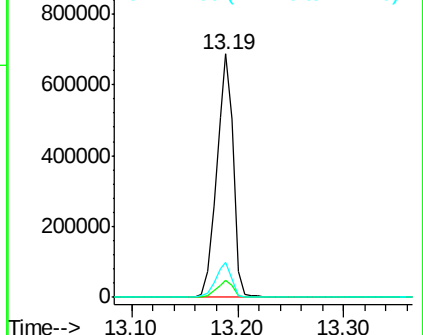
122 14.5 10.3 15.5



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: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094772.D

Acq: 2 May 2017 2:19

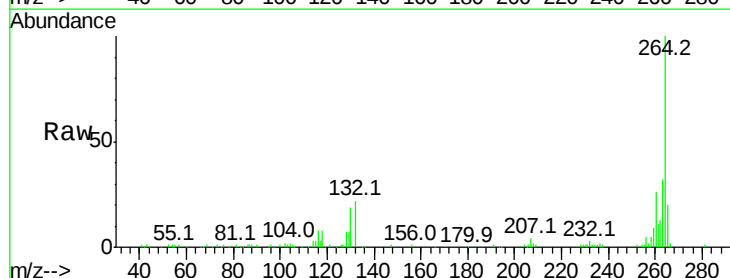
Tgt Ion:264 Resp: 101583

Ion Ratio Lower Upper

264 100

260 25.8 19.5 29.3

265 20.0 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

