

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094578.D
 Acq On : 24 Apr 2017 11:59
 Operator : SJ/MA
 Sample : I2780-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Apr 25 01:03:03 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

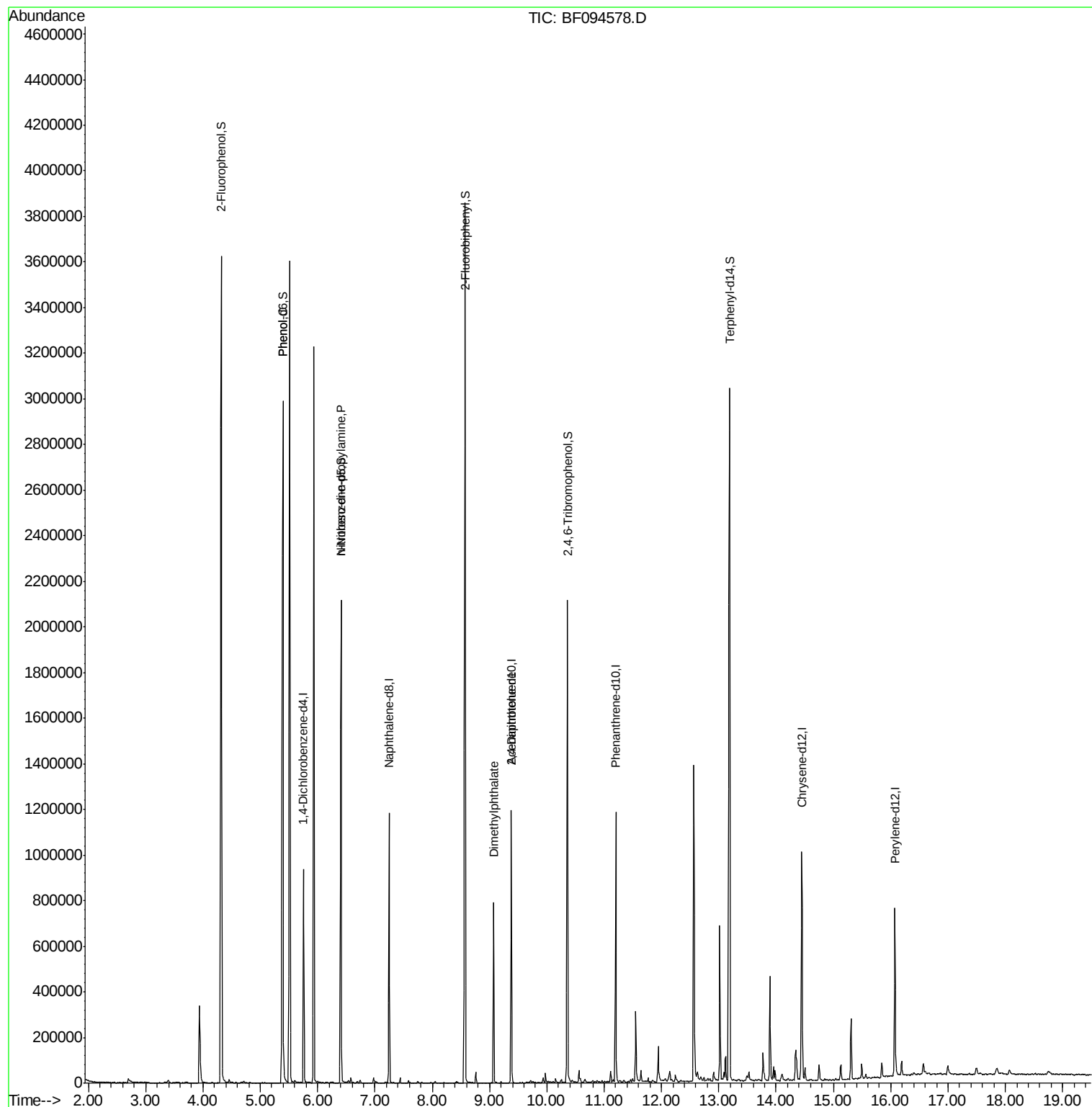
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	147358	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	571519	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	258405	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	464601	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	397787	20.00	ng	-0.02
86) Perylene-d12	16.08	264	317010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1162458	130.88	ng	0.01
7) Phenol-d6	5.40	99	1457166	139.16	ng	0.00
23) Nitrobenzene-d5	6.41	82	886660	95.80	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	296878	146.88	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1531841	87.22	ng	-0.01
78) Terphenyl-d14	13.19	244	1290961	86.75	ng	0.00
Target Compounds						
10) Phenol	5.40	94	89025	6.92	ng	90
19) n-Nitroso-di-n-propylamine	6.41	70	115655	16.67	ng	# 79
49) Dimethylphthalate	9.07	163	335697	17.43	ng	99
56) 2,4-Dinitrotoluene	9.38	165	32545	6.14	ng	# 32

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

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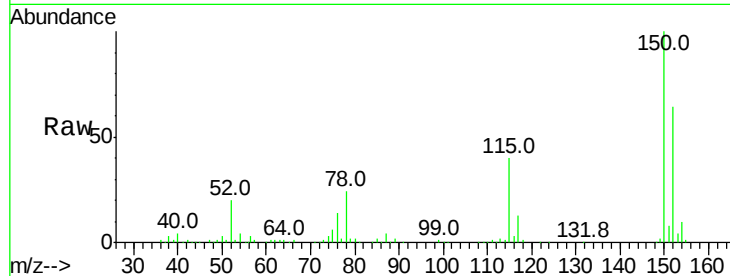


#1

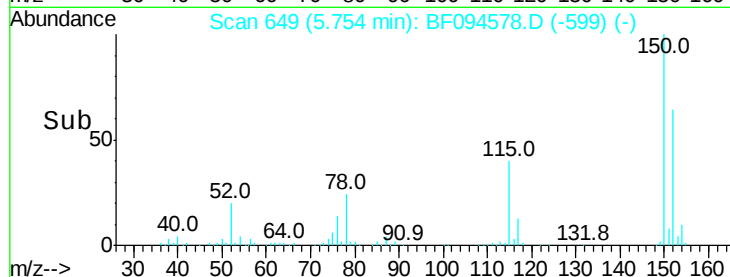
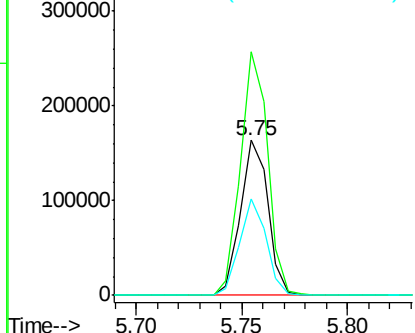
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094578.D
Acq: 24 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PE-2

Tot Ion:152 Resp: 147358
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 62.2 52.2 78.2



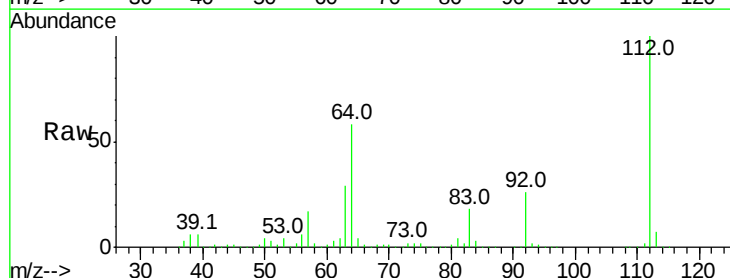
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



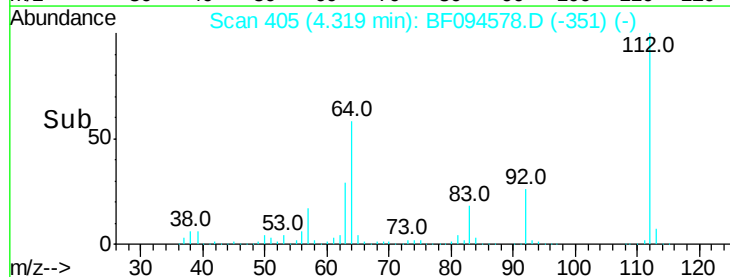
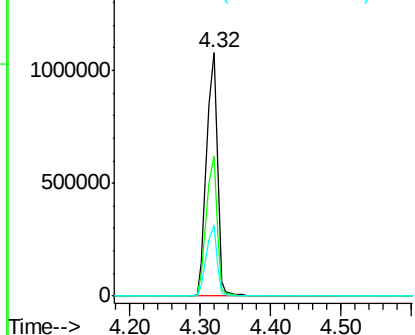
#5

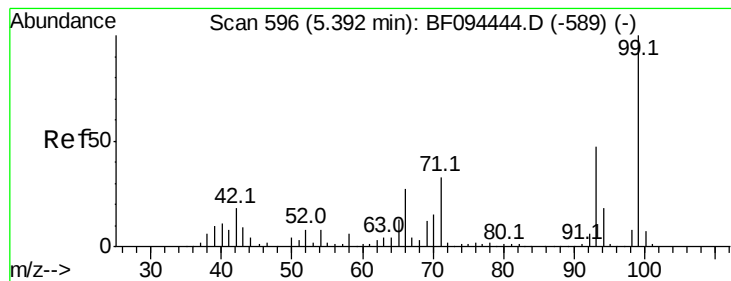
2-Fluorophenol
Concen: 130.88 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094578.D
Acq: 24 Apr 2017 11:59

Tgt Ion:112 Resp: 1162458
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 29.1 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: 139.16 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094578.D

Acq: 24 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

PE-2

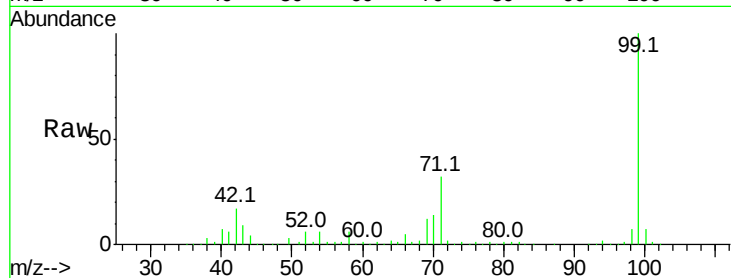
Tot Ion: 99 Resp: 1457166

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.2	24.5	36.7

99 100

42 16.5 13.5 20.3

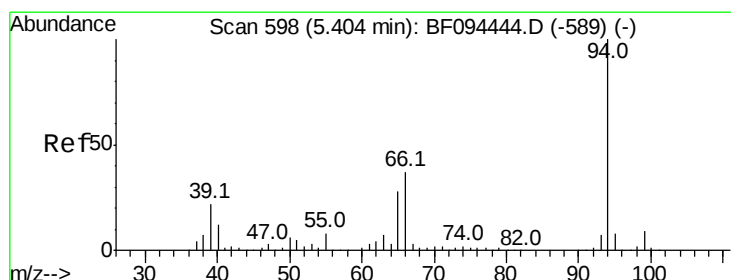
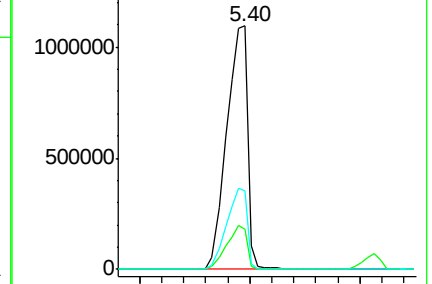
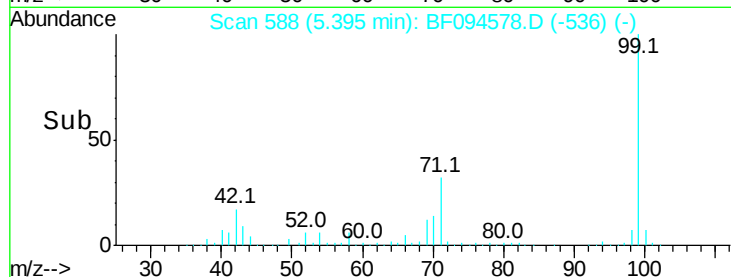
71 32.2 24.5 36.7



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



#10

Phenol

Concen: 6.92 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094578.D

Acq: 24 Apr 2017 11:59

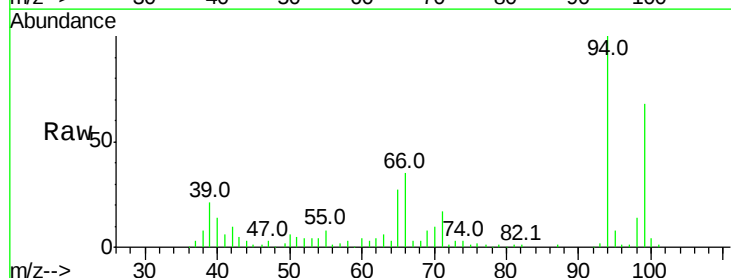
Tgt Ion: 94 Resp: 89025

Ion	Ratio	Lower	Upper
94	100		
65	26.9	9.9	49.9
66	35.2	23.1	63.1

94 100

65 26.9 9.9 49.9

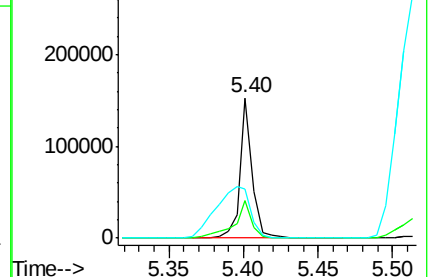
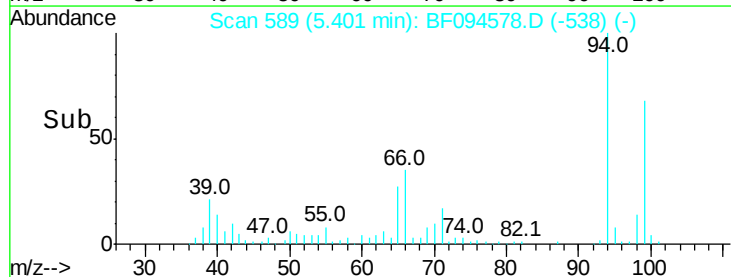
66 35.2 23.1 63.1

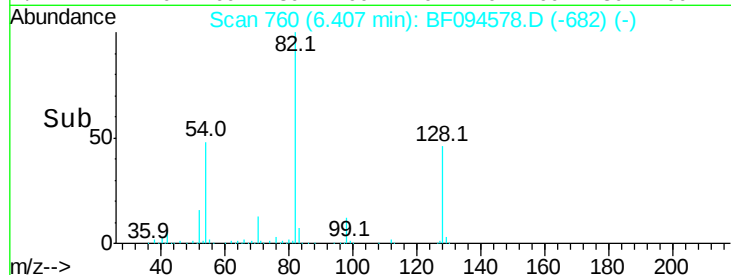
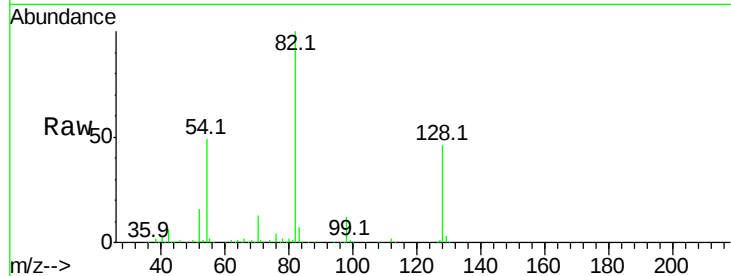
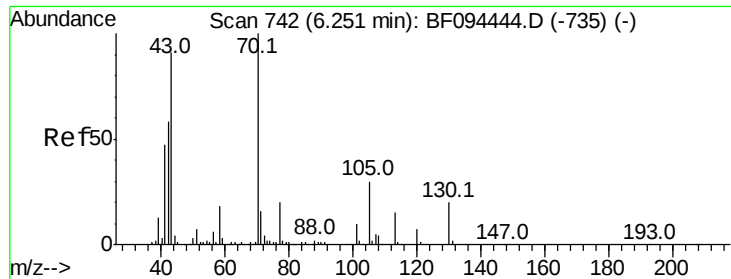


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

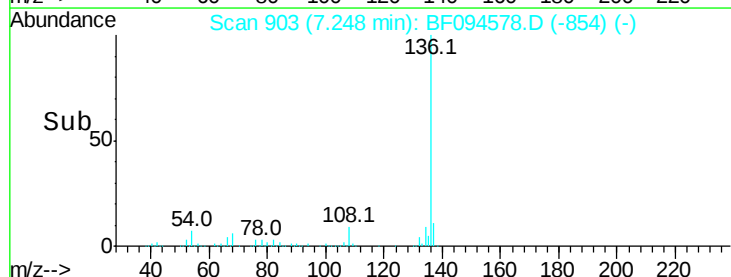
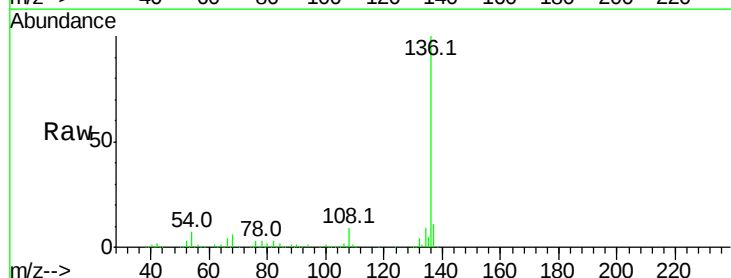
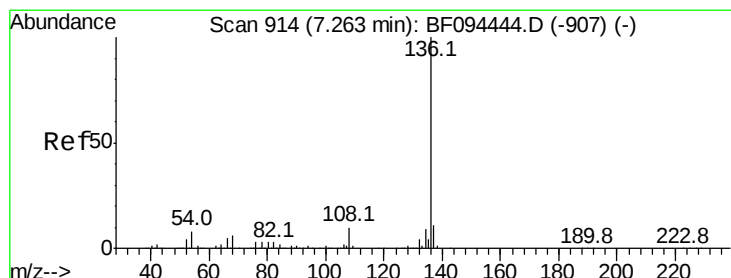
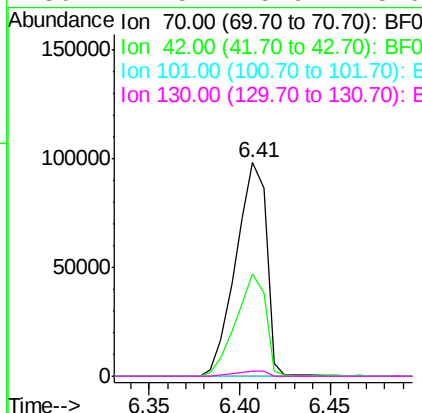




#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 6.41 min Scan# 760
Delta R.T. 0.16 min
Lab File: BF094578.D
Acq: 24 Apr 2017 11:59

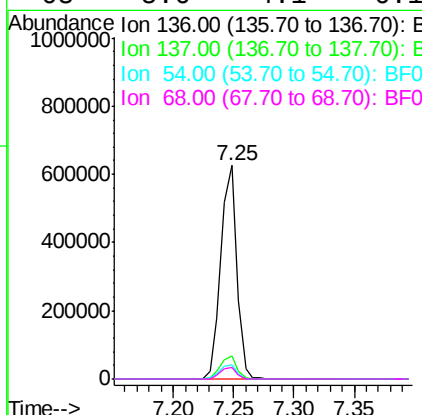
Instrument :
BNA_F
ClientSampled :
PE-2

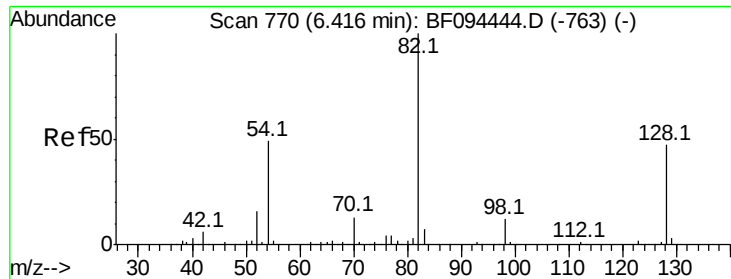
Tot Ion: 70 Resp: 115655
Ion Ratio Lower Upper
70 100
42 47.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094578.D
Acq: 24 Apr 2017 11:59

Tgt Ion:136 Resp: 571519
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.8 4.9 7.3
68 5.6 4.1 6.1

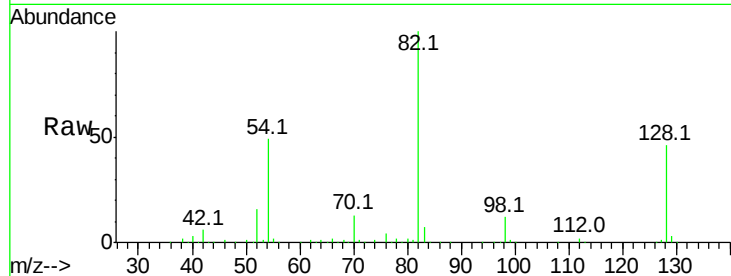




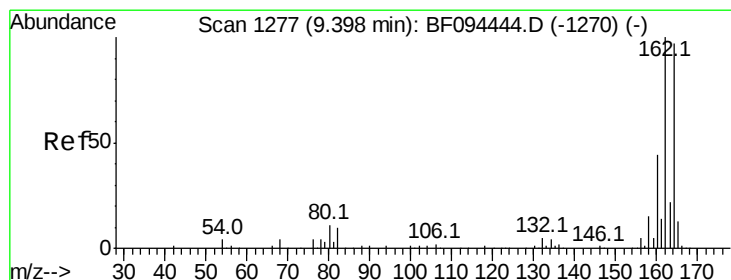
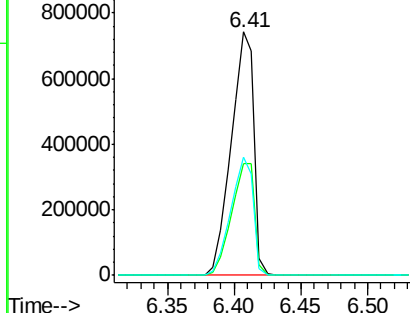
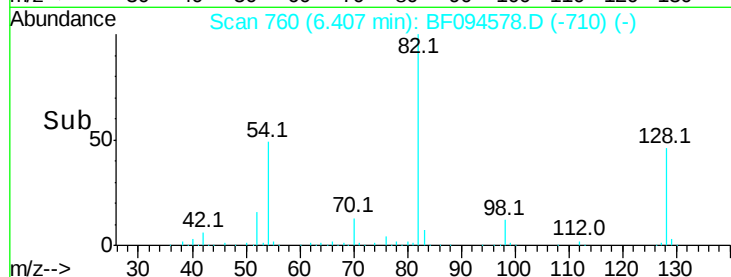
#23
 Nitrobenzene-d5
 Concen: 95.80 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094578.D
 Acq: 24 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion	82	Resp	886660
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.0	51.0
54	48.6	42.2	63.2

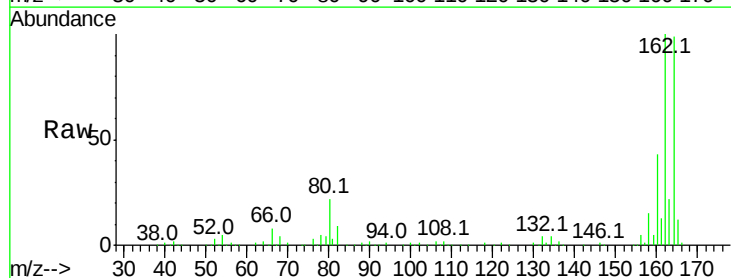


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

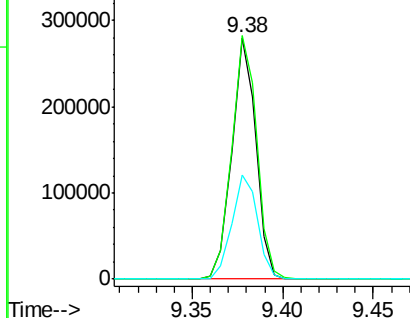
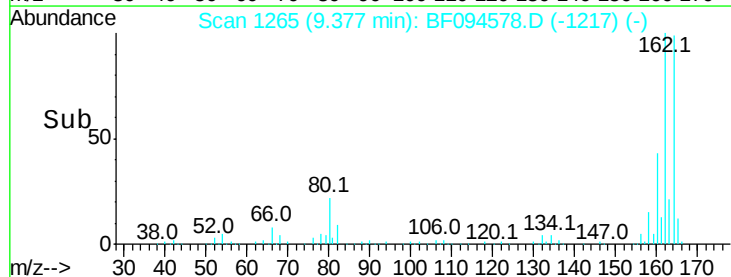


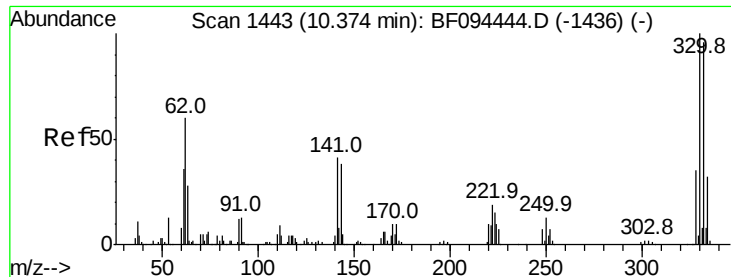
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094578.D
 Acq: 24 Apr 2017 11:59

Tgt Ion	164	Resp	258405
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.6	123.8
160	43.0	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

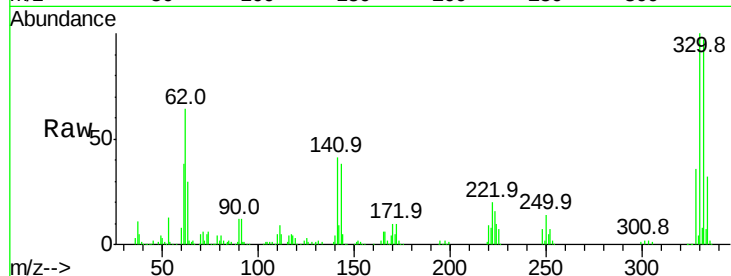




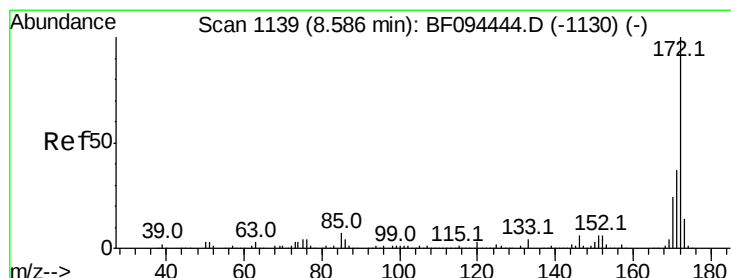
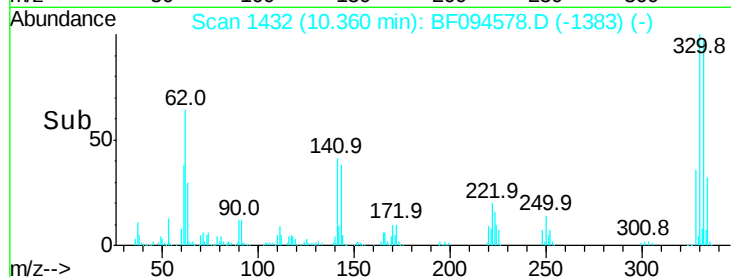
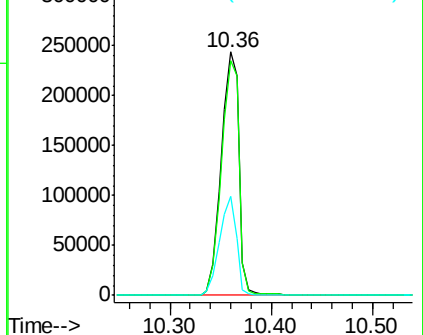
#41
 2,4,6-Tribromophenol
 Concen: 146.88 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094578.D
 Acq: 24 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion:330 Resp: 296878
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.6 31.4 47.2

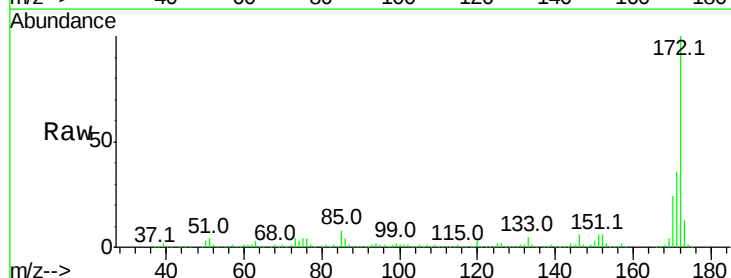


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

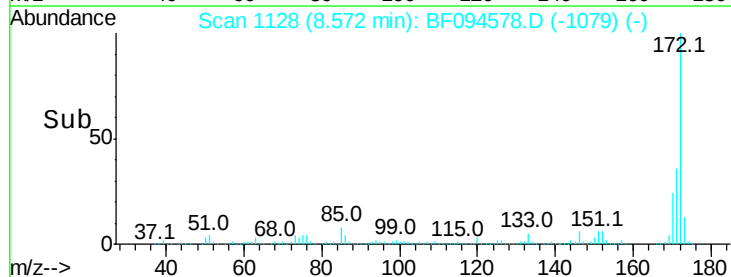
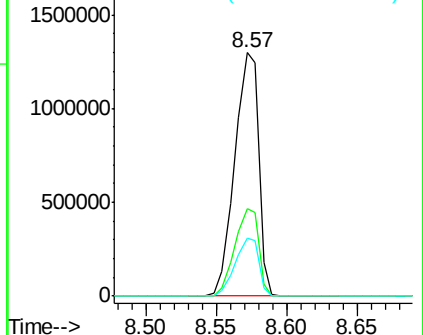


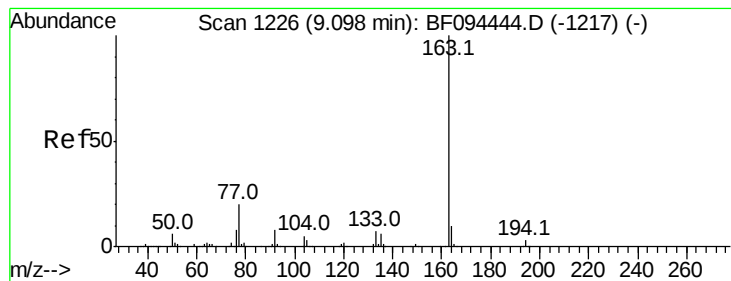
#44
 2-Fluorobiphenyl
 Concen: 87.22 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094578.D
 Acq: 24 Apr 2017 11:59

Tgt Ion:172 Resp: 1531841
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.7 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: 17.43 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF094578.D

Acq: 24 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

PE-2

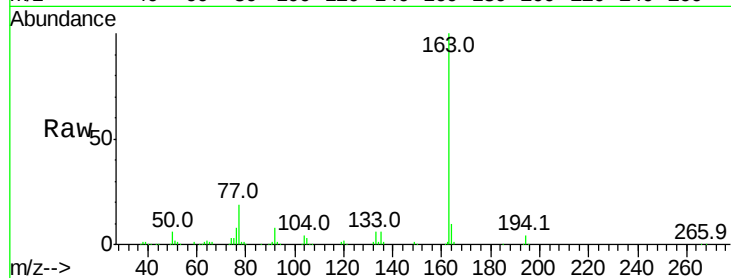
Tot Ion:163 Resp: 335697

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

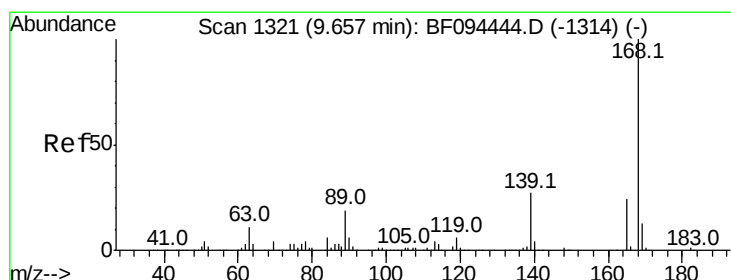
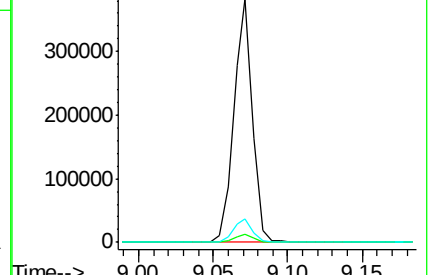
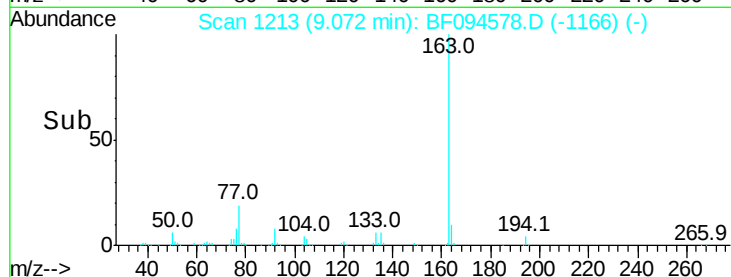
164 9.9 8.4 12.6



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: 6.14 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.28 min

Lab File: BF094578.D

Acq: 24 Apr 2017 11:59

Tgt Ion:165 Resp: 32545

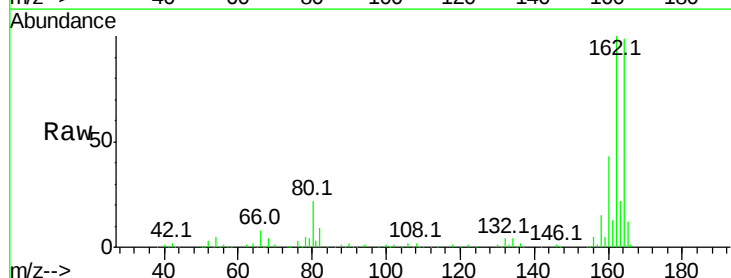
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

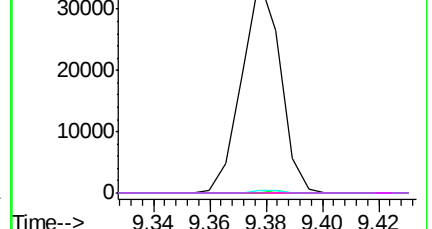
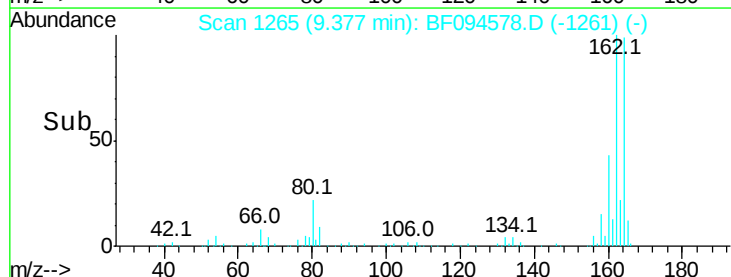


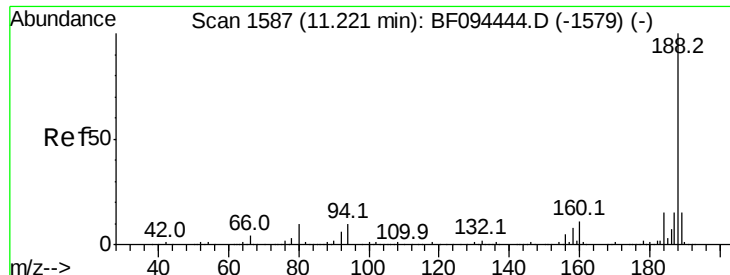
Abundance Ion 165.00 (164.70 to 165.70): E

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

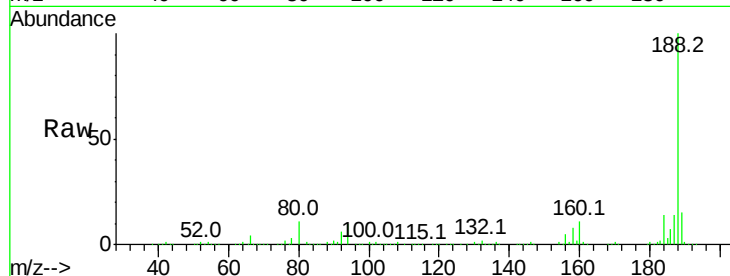




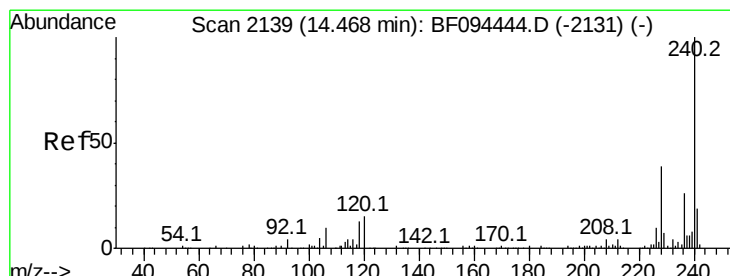
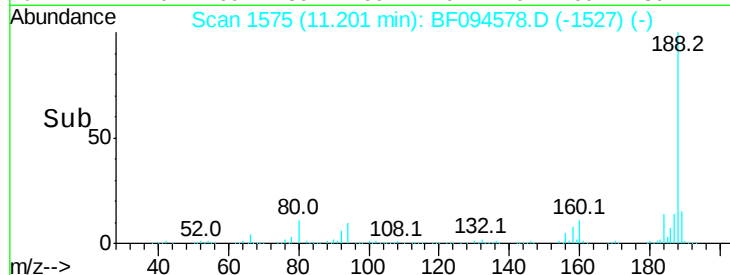
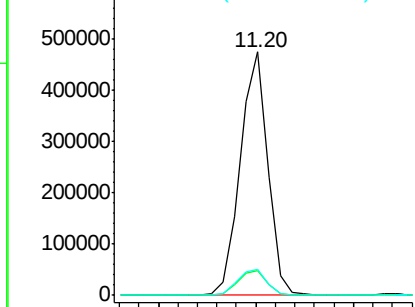
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094578.D
Acq: 24 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :
PE-2

Tot Ion:188 Resp: 464601
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.6 10.2 15.2

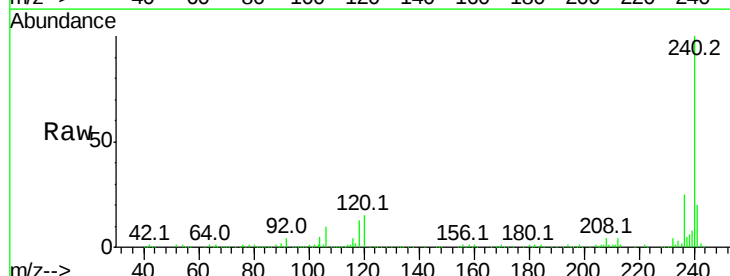


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

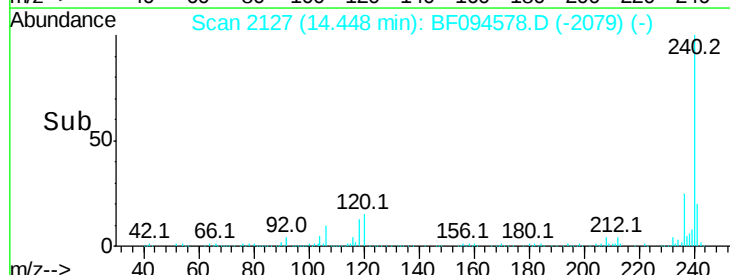
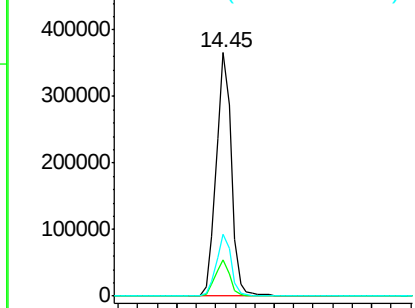


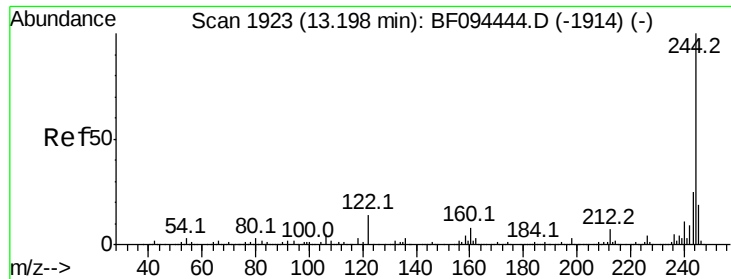
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094578.D
Acq: 24 Apr 2017 11:59

Tgt Ion:240 Resp: 397787
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.3 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

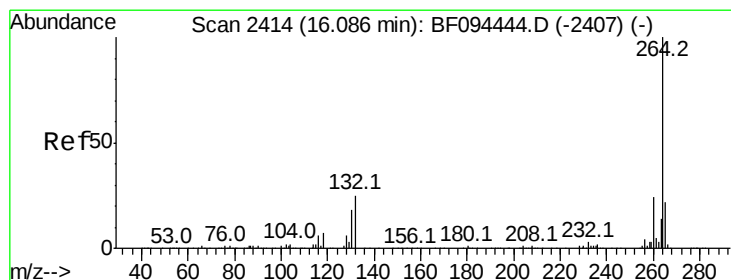
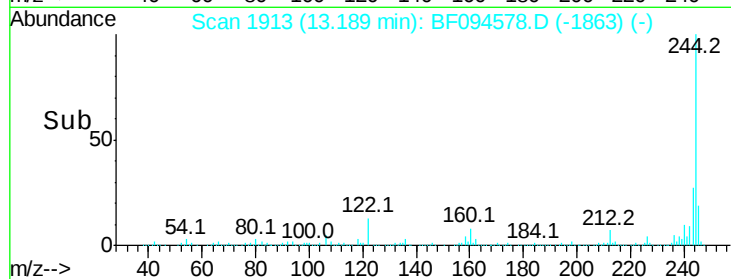
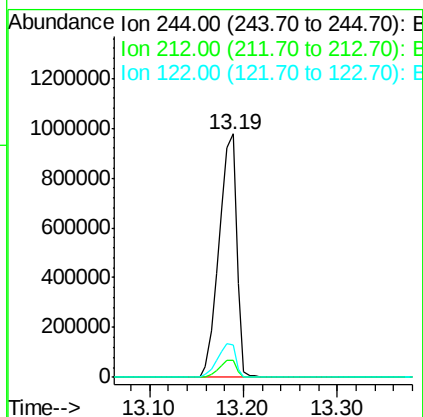
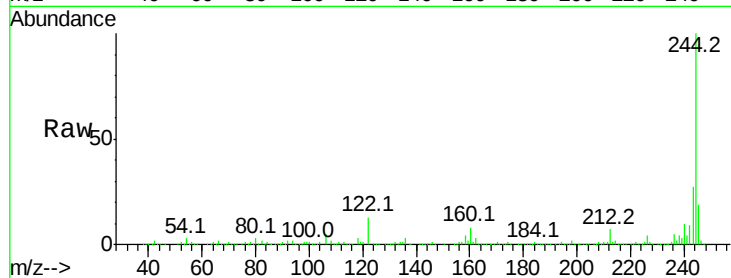




#78
 Terphenyl-d14
 Concen: 86.75 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094578.D
 Acq: 24 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion:244 Resp: 1290961
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094578.D
 Acq: 24 Apr 2017 11:59

Tgt Ion:264 Resp: 317010
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.3 17.2 25.8

