

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094549.D
 Acq On : 20 Apr 2017 17:20
 Operator : SJ/MA
 Sample : I2744-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:03:27 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

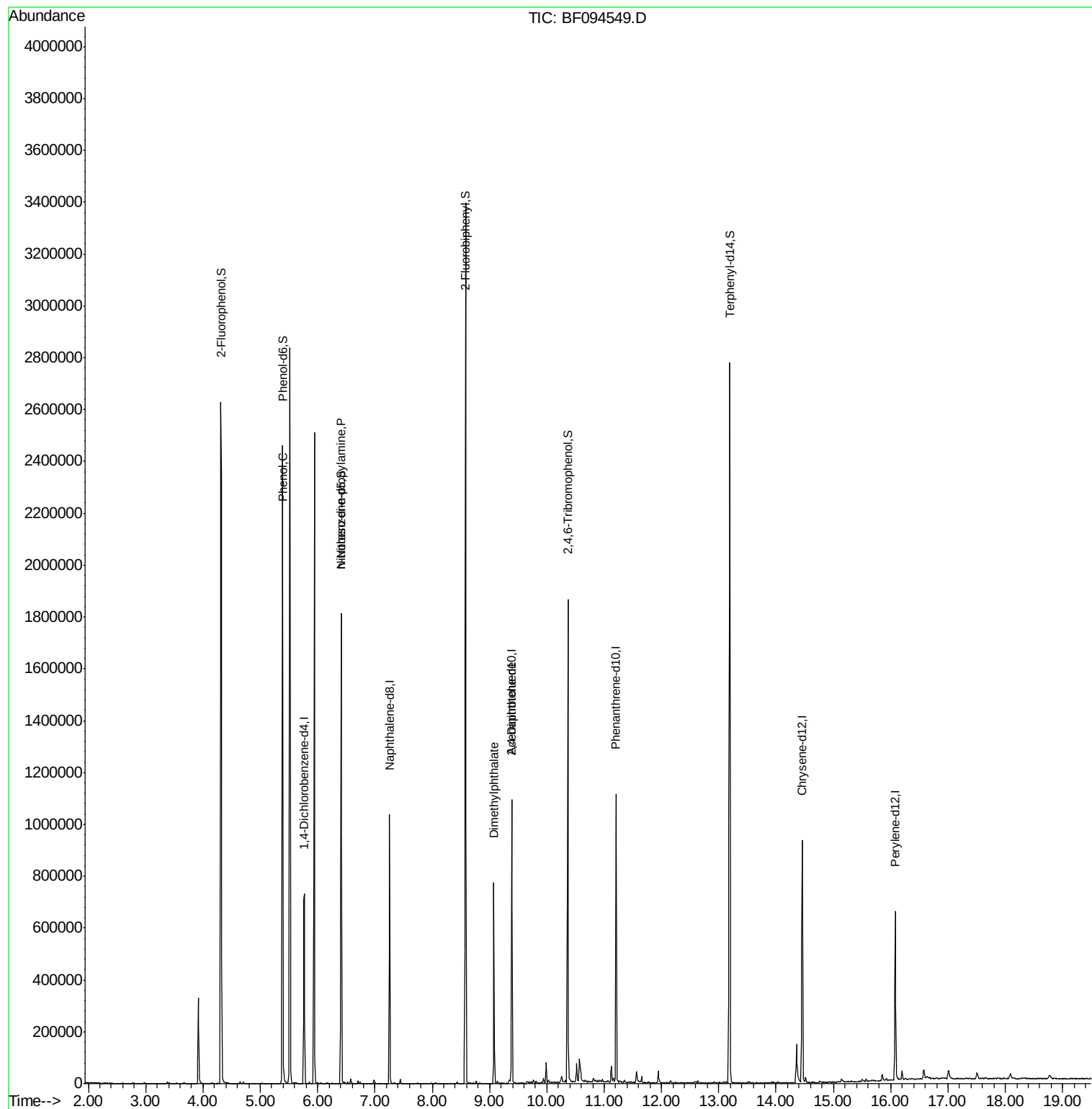
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	122936	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	498911	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	227185	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	436825	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	372646	20.00	ng	-0.01
86) Perylene-d12	16.08	264	267379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	825565	111.41	ng	0.00
7) Phenol-d6	5.39	99	1047997	119.97	ng	0.00
23) Nitrobenzene-d5	6.41	82	631088	78.11	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	233214	131.24	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1192732	77.25	ng	0.00
78) Terphenyl-d14	13.19	244	1118755	80.25	ng	0.00
Target Compounds						
10) Phenol	5.40	94	21833	2.03	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	6.41	70	83678	14.46	ng	# 75
49) Dimethylphthalate	9.08	163	335883	19.84	ng	100
56) 2,4-Dinitrotoluene	9.39	165	29014	6.22	ng	# 33

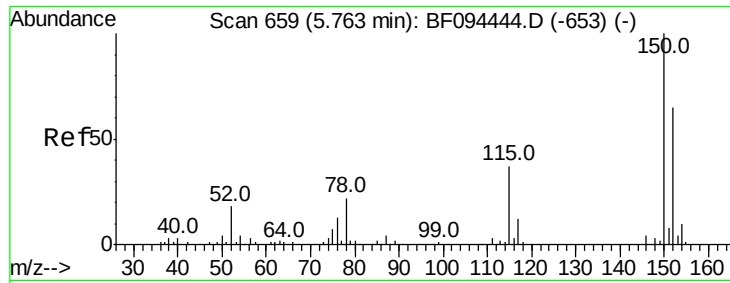
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094549.D
Acq On : 20 Apr 2017 17:20
Operator : SJ/MA
Sample : I2744-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 01:03:27 2017
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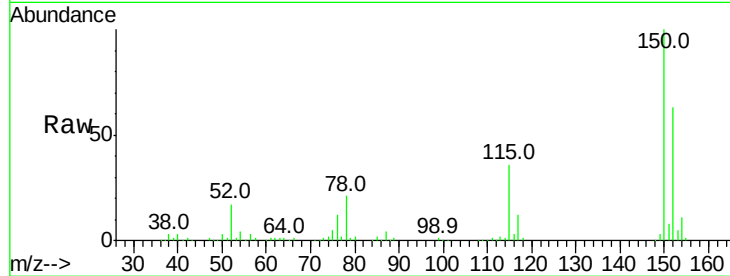


#1

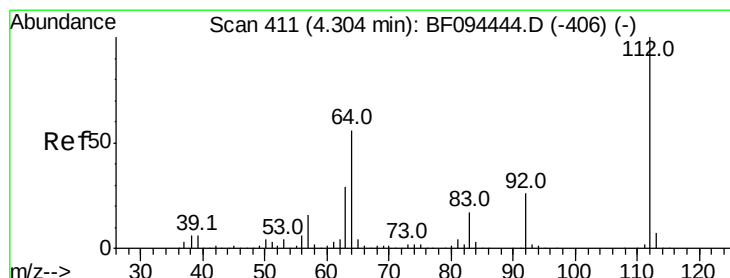
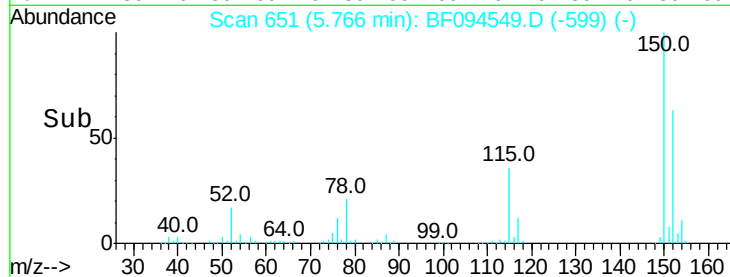
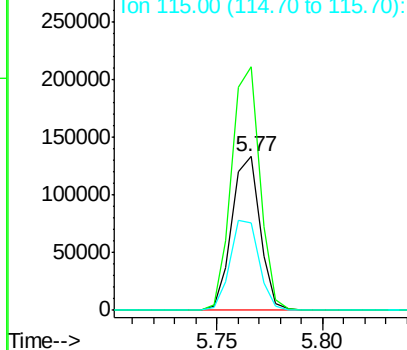
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 122936
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 57.1 52.2 78.2



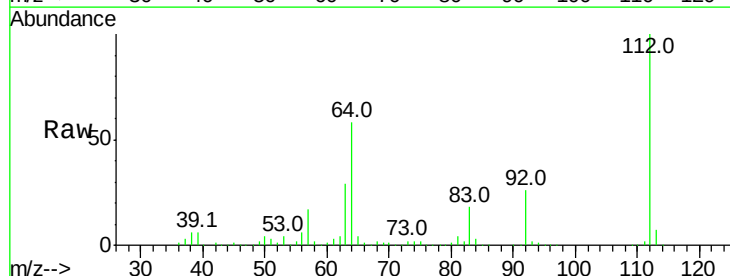
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



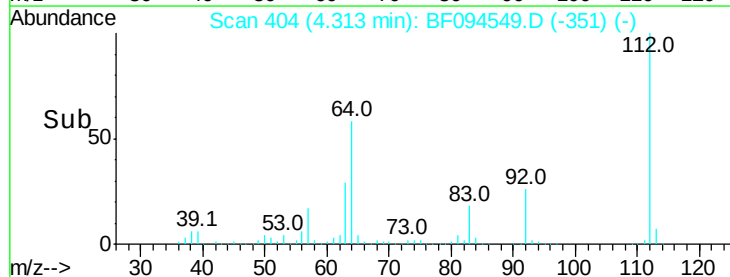
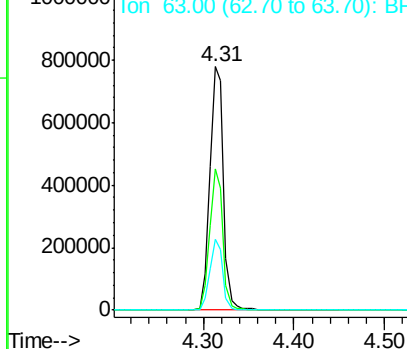
#5

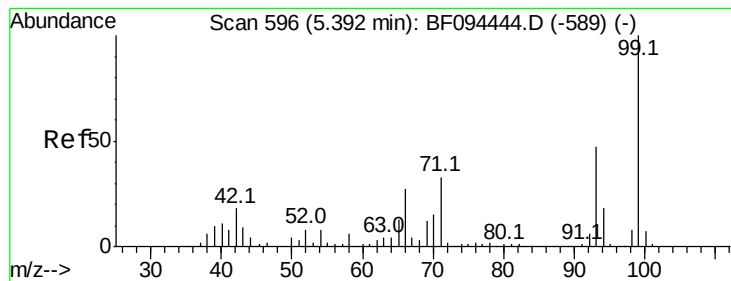
2-Fluorophenol
Concen: 111.41 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094549.D
Acq: 20 Apr 2017 17:20

Tgt Ion:112 Resp: 825565
Ion Ratio Lower Upper
112 100
64 58.0 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: 119.97 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Instrument :

BNA_F

ClientSampled :

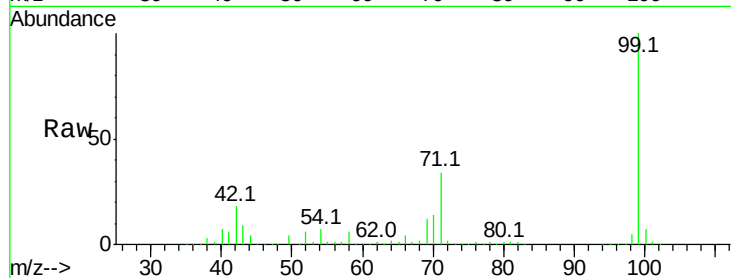
Tot Ion: 99 Resp: 1047997

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.5	24.5	36.7

99 100

42 17.7 13.5 20.3

71 33.5 24.5 36.7

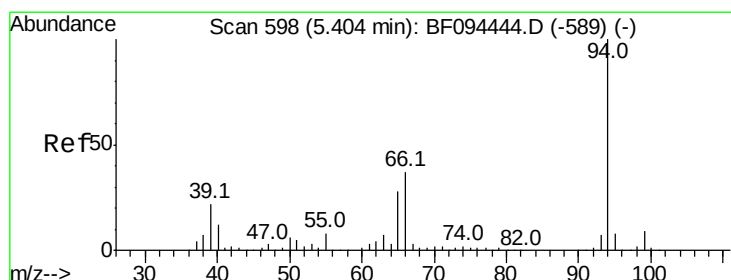
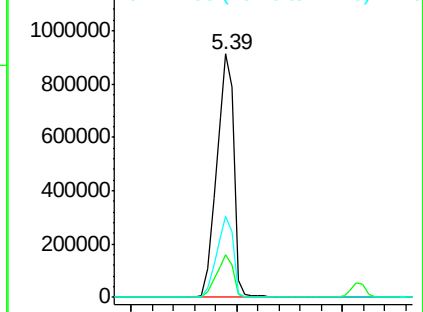
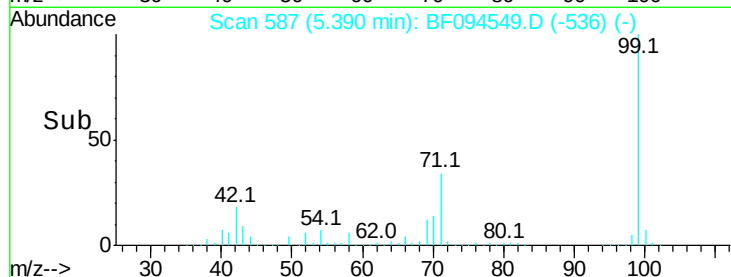


Abundance

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



#10

Phenol

Concen: 2.03 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

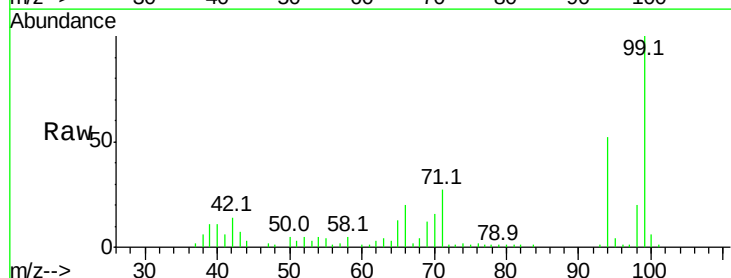
Tgt Ion: 94 Resp: 21833

Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	37.9	23.1	63.1

94 100

65 25.0 9.9 49.9

66 37.9 23.1 63.1

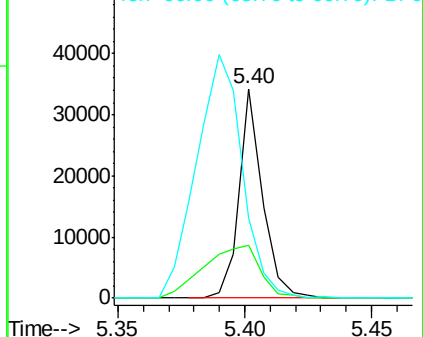
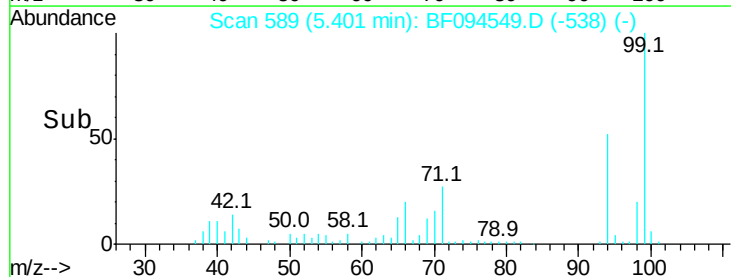


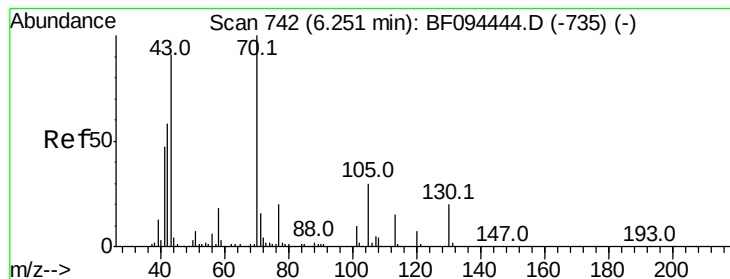
Abundance

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: 14.46 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 83678

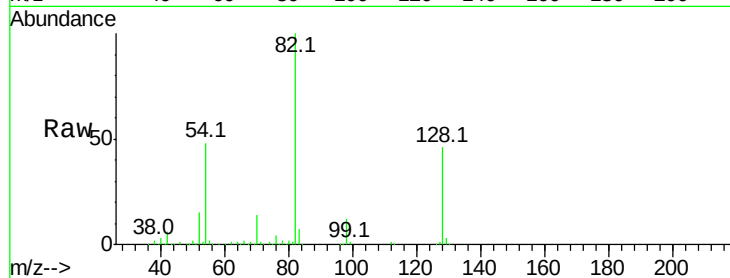
Ion Ratio Lower Upper

70 100

42 44.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

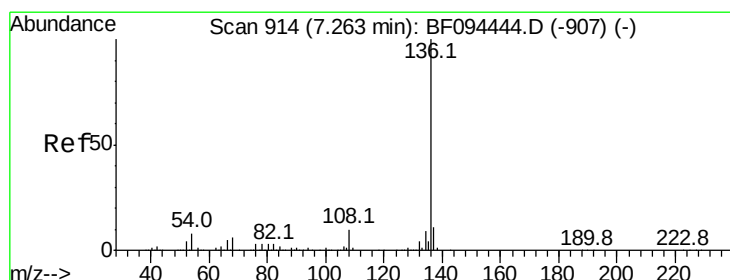
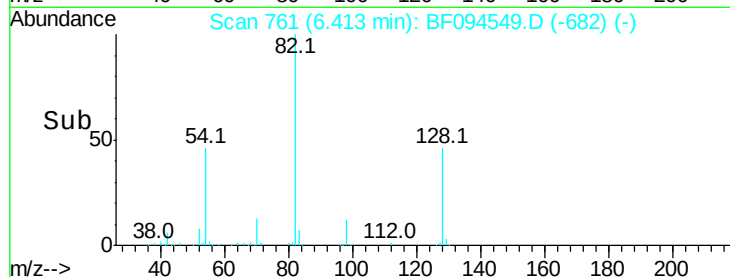
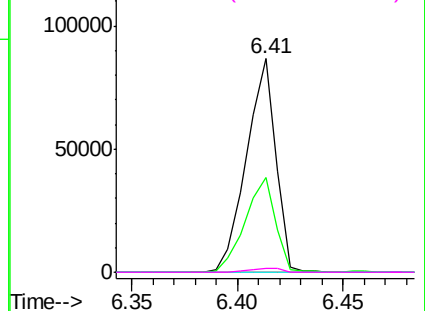


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Tgt Ion: 136 Resp: 498911

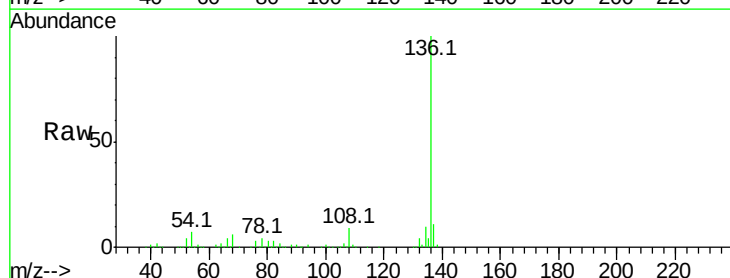
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1

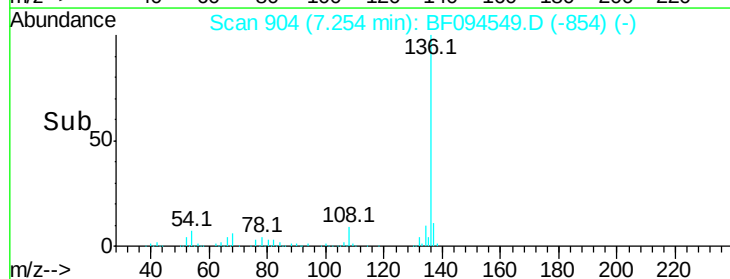
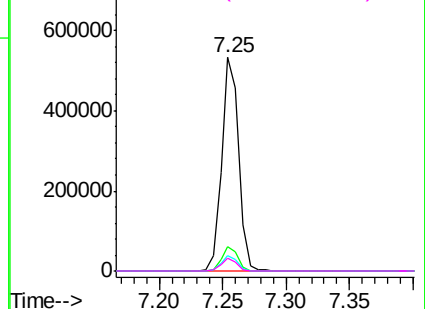


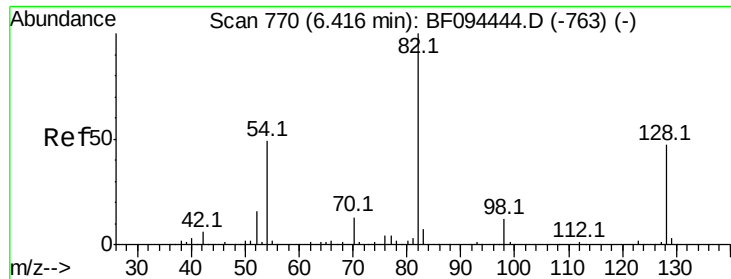
Abundance Ion 136.00 (135.70 to 136.70): E

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

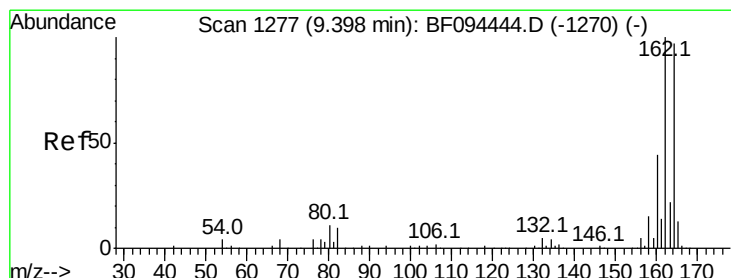
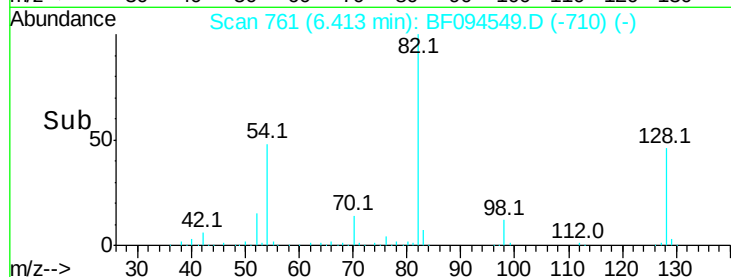
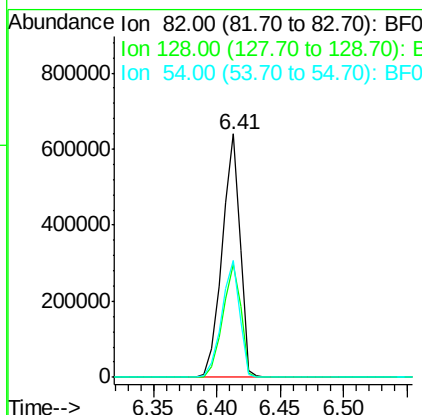
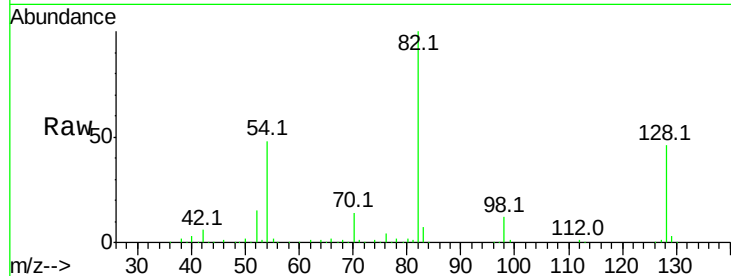




#23
 Nitrobenzene-d5
 Concen: 78.11 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

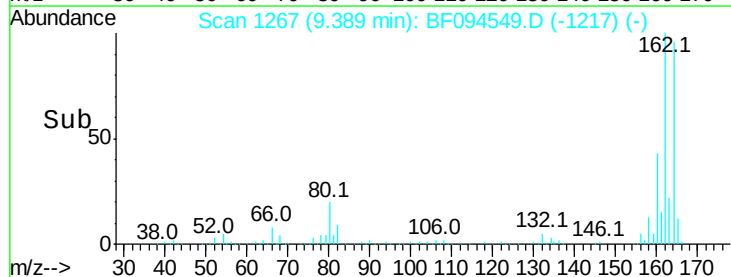
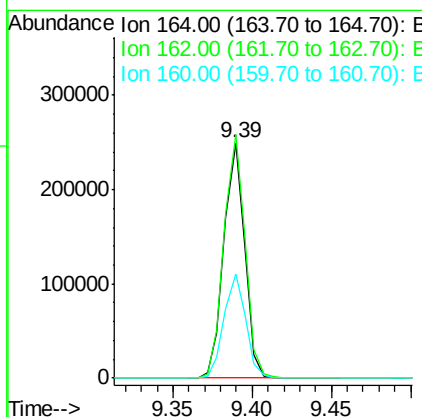
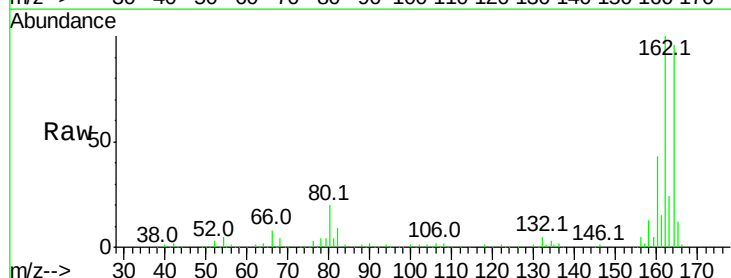
Instrument :
 BNA_F
 ClientSampled :

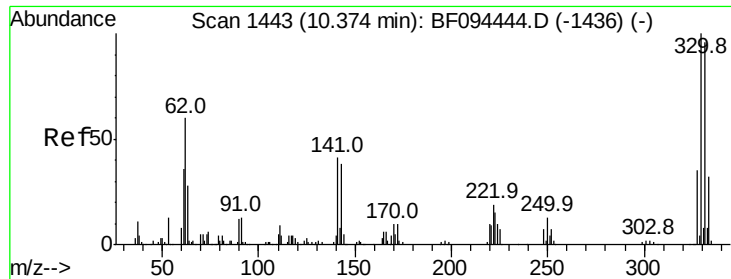
Tot Ion	82	Resp	631088
Ion Ratio	Lower	Upper	
82	100		
128	46.4	34.0	51.0
54	47.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

Tgt Ion	164	Resp	227185
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	44.4	36.2	54.2

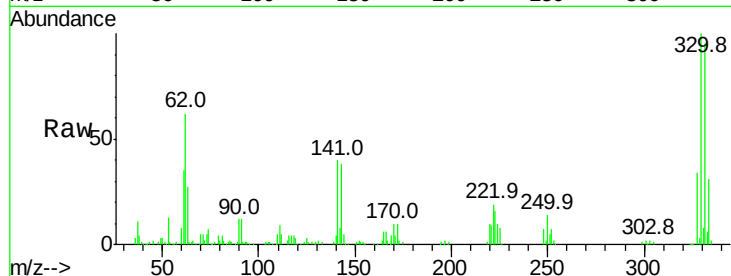




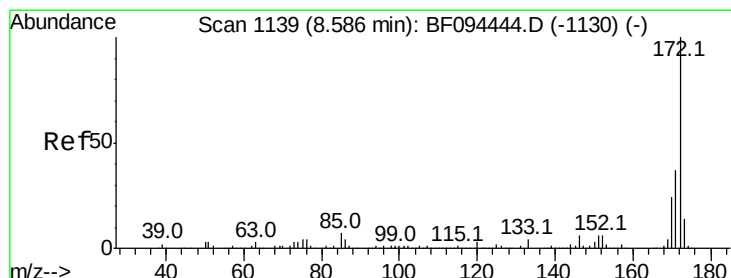
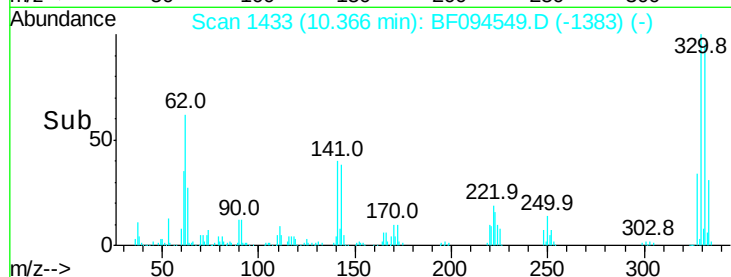
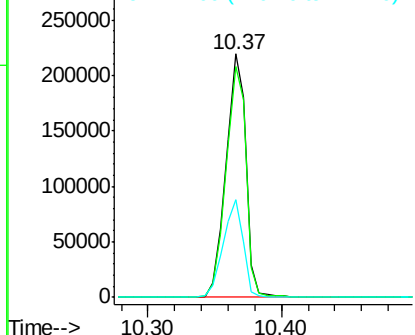
#41
 2,4,6-Tribromophenol
 Concen: 131.24 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 233214
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 40.2 31.4 47.2

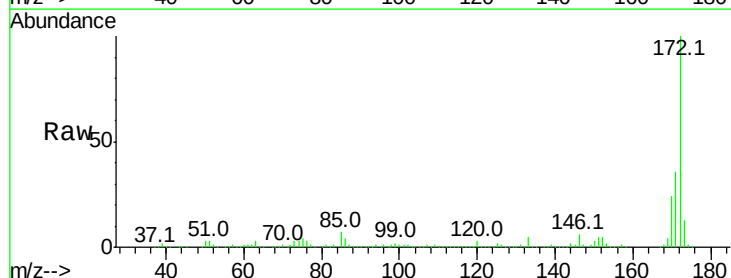


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

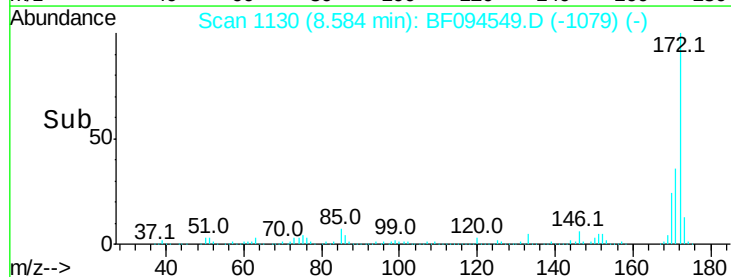
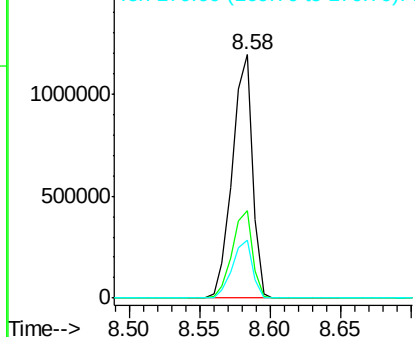


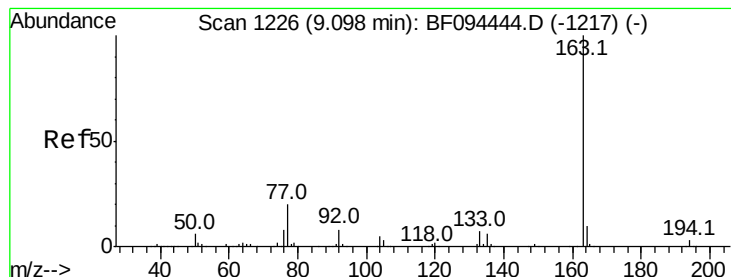
#44
 2-Fluorobiphenyl
 Concen: 77.25 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

Tgt Ion:172 Resp: 1192732
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.8 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: 19.84 ng

RT: 9.08 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Instrument :

BNA_F

ClientSampleId :

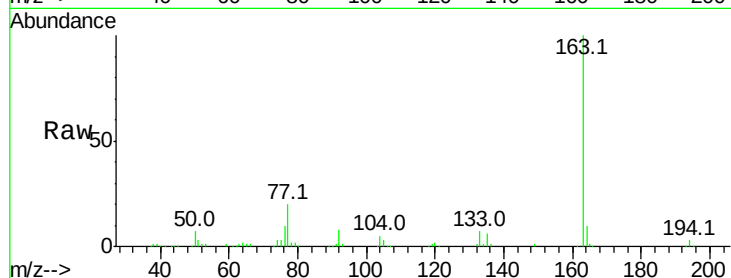
Tot Ion:163 Resp: 335883

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

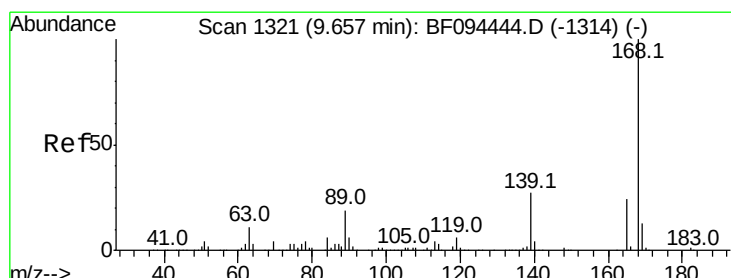
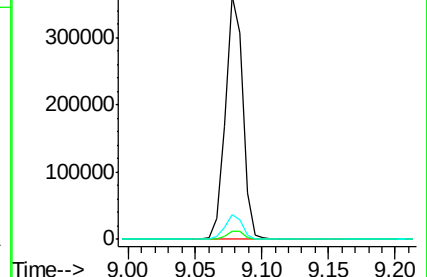
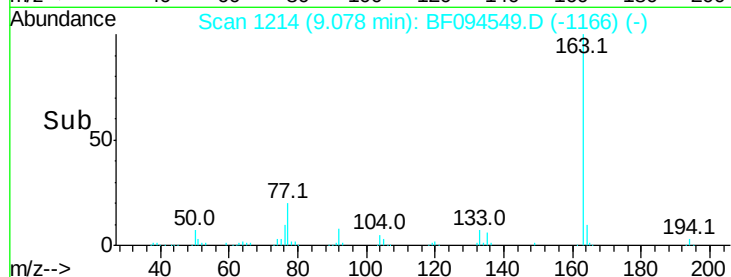
164 10.4 8.4 12.6



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: 6.22 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.27 min

Lab File: BF094549.D

Acq: 20 Apr 2017 17:20

Tgt Ion:165 Resp: 29014

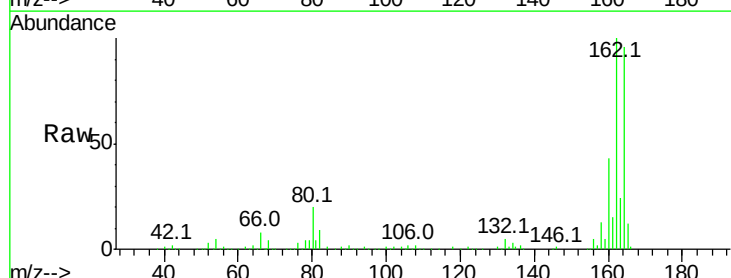
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

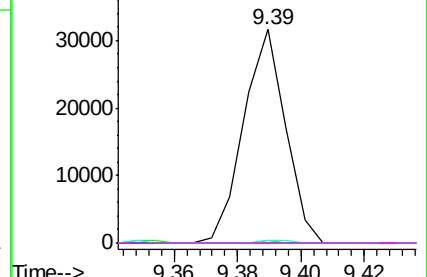
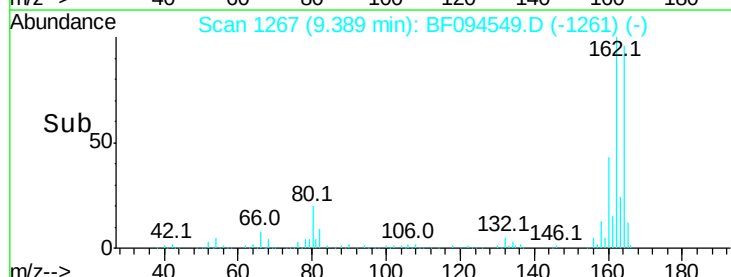


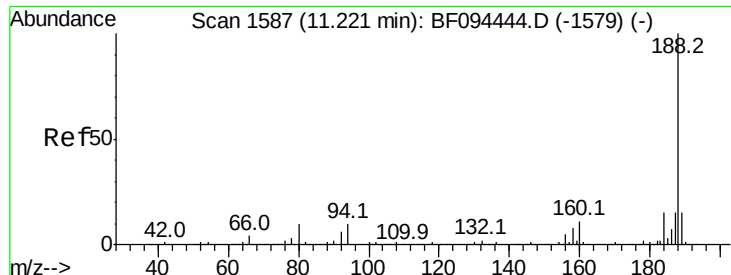
Abundance Ion 165.00 (164.70 to 165.70): E

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

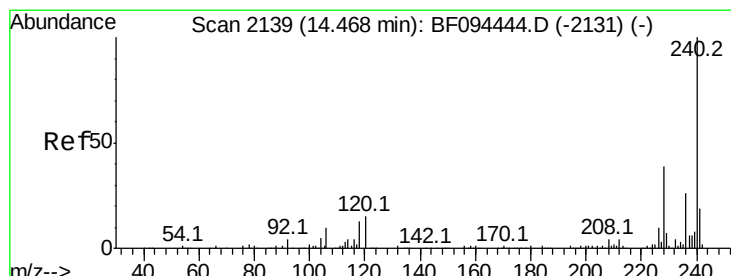
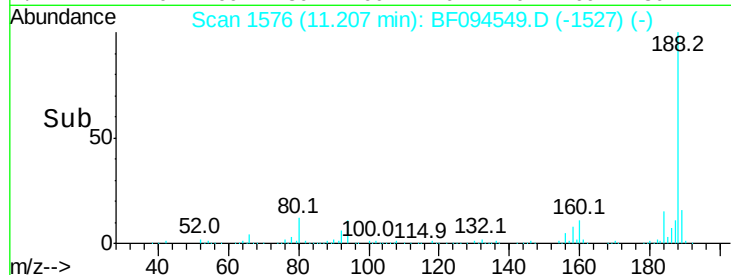
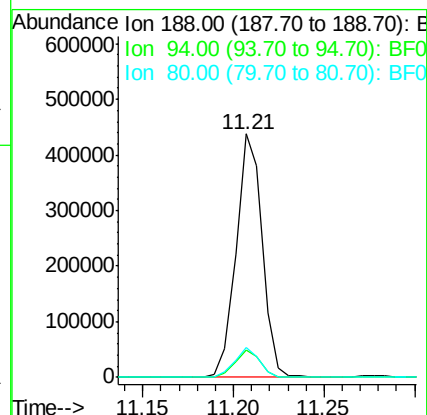
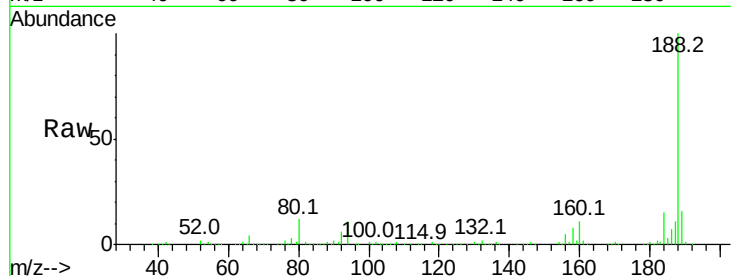




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

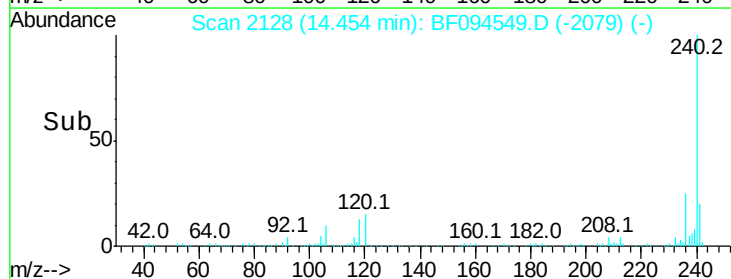
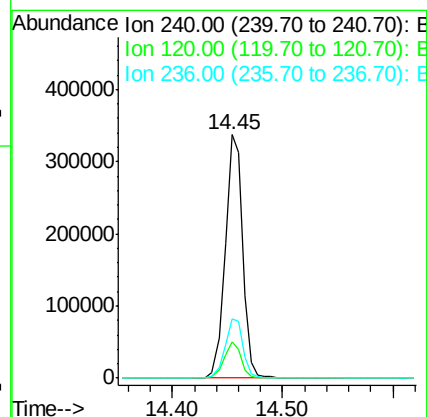
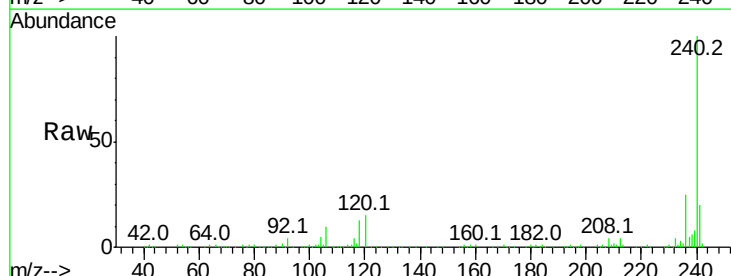
Instrument :
 BNA_F
 ClientSampled :

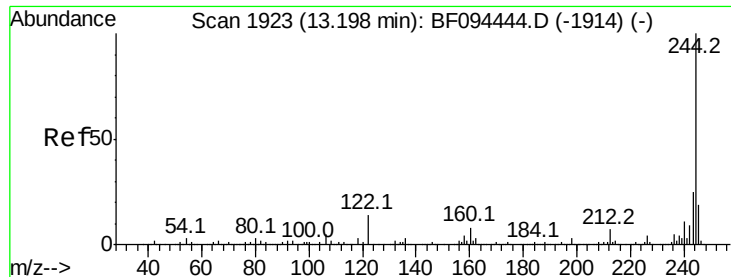
Tot Ion:188 Resp: 436825
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 12.2 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

Tgt Ion:240 Resp: 372646
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.6 20.5 30.7

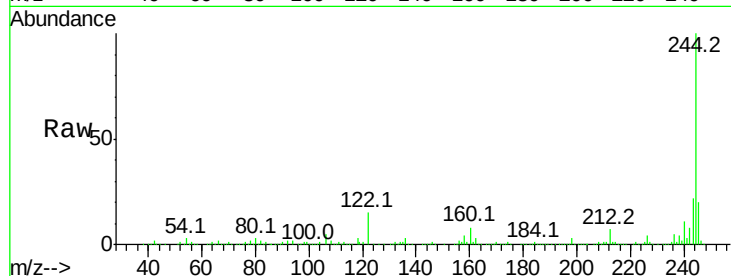




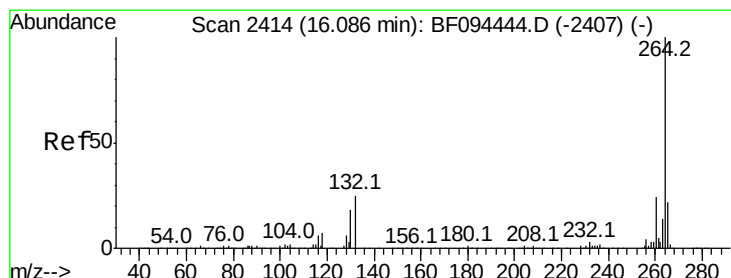
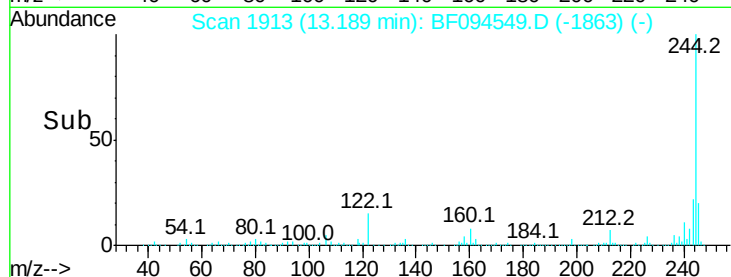
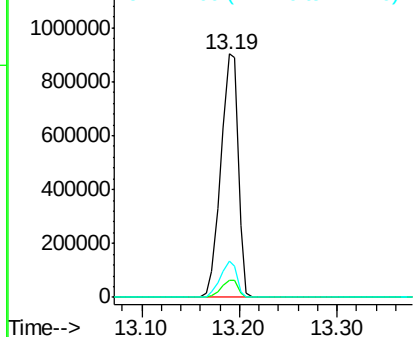
#78
 Terphenyl-d14
 Concen: 80.25 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1118755
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.8 10.3 15.5

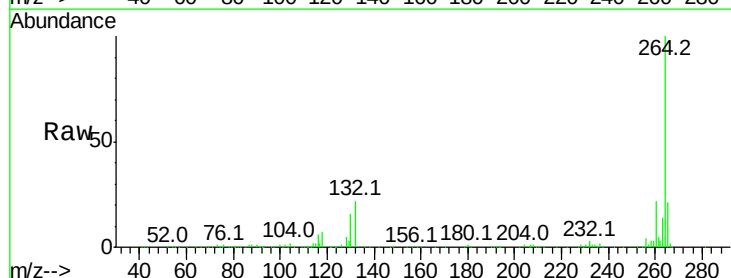


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094549.D
 Acq: 20 Apr 2017 17:20

Tgt Ion:264 Resp: 267379
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 20.5 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

