

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094517.D
 Acq On : 19 Apr 2017 15:48
 Operator : SJ/MA
 Sample : I2751-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:04:49 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

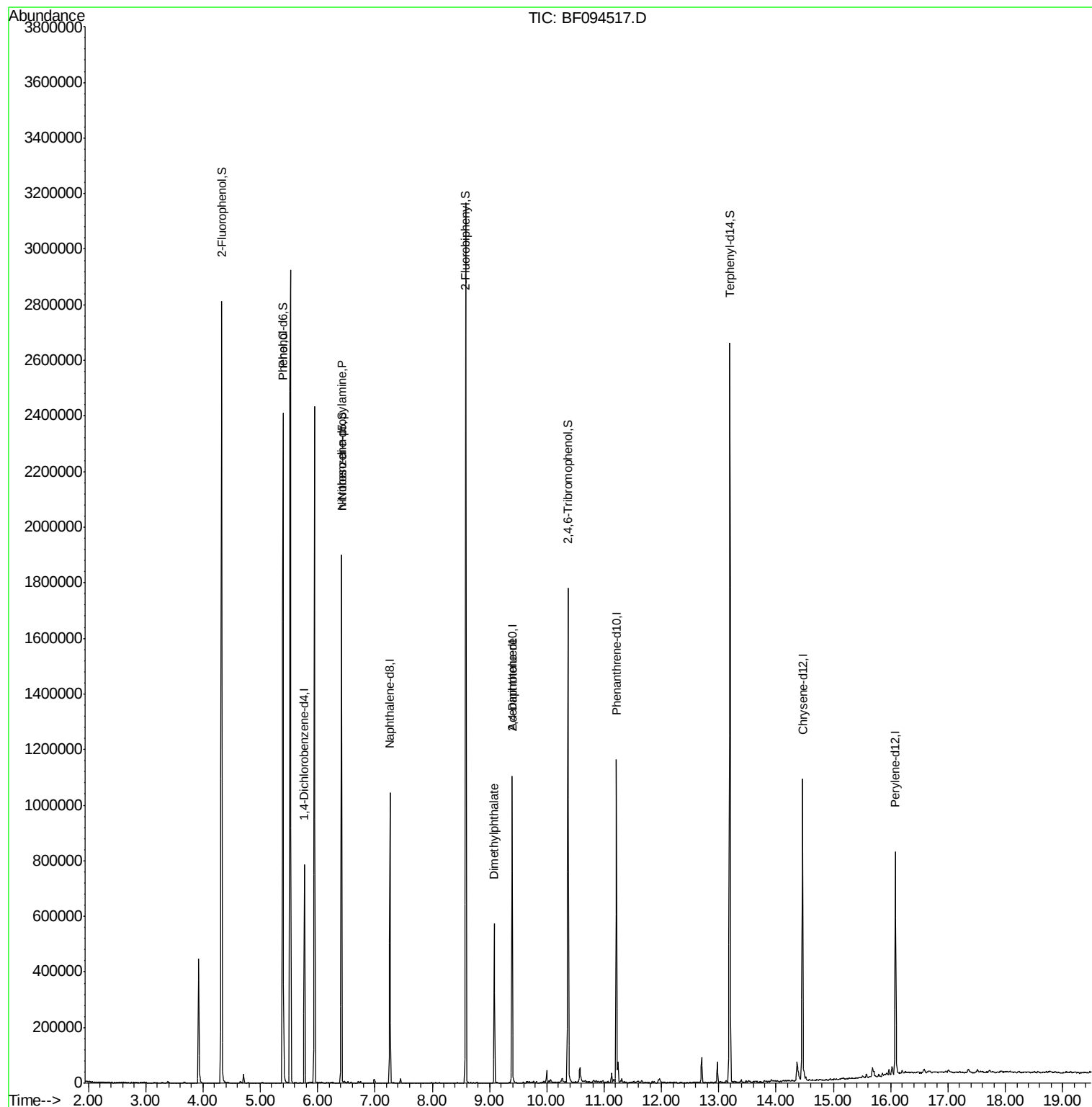
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	129796	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	506715	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	229065	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	451341	20.00	ng	0.00
75) Chrysene-d12	14.46	240	395428	20.00	ng	0.00
86) Perylene-d12	16.08	264	299161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	835009	106.73	ng	0.02
7) Phenol-d6	5.40	99	1034463	112.16	ng	0.00
23) Nitrobenzene-d5	6.42	82	642099	78.25	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	220869	123.27	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1113695	71.54	ng	0.00
78) Terphenyl-d14	13.19	244	1000604	67.64	ng	0.00
Target Compounds						
10) Phenol	5.41	94	23518	2.08	ng	96
19) n-Nitroso-di-n-propylamine	6.42	70	83181	13.61	ng	# 77
49) Dimethylphthalate	9.08	163	239943	14.06	ng	99
56) 2,4-Dinitrotoluene	9.40	165	28673	6.10	ng	# 33

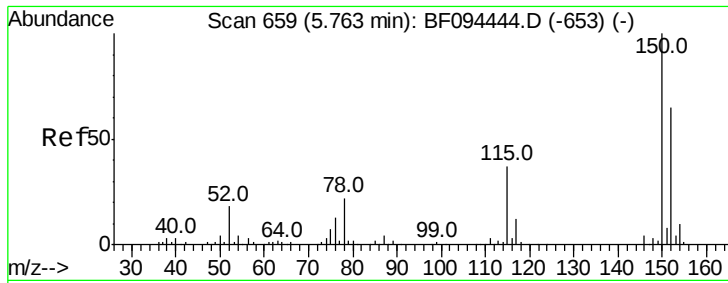
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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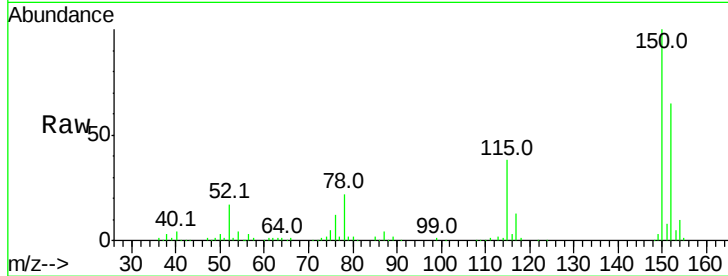


#1

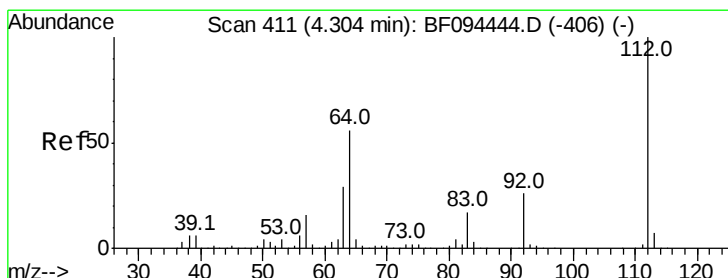
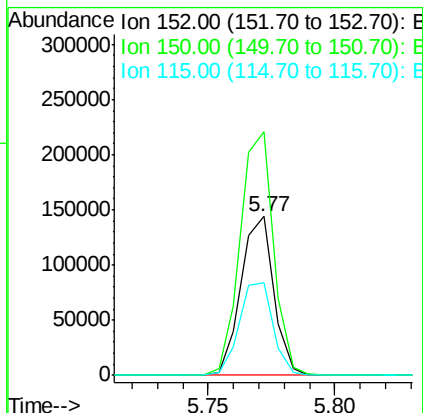
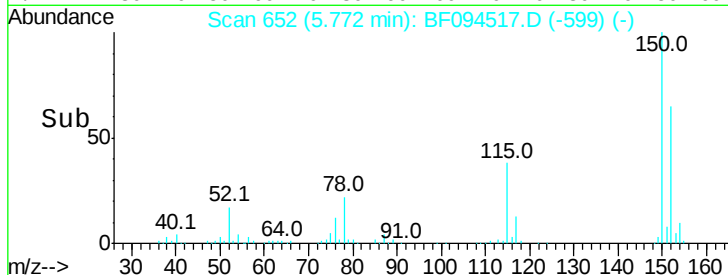
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129796
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 58.1 52.2 78.2



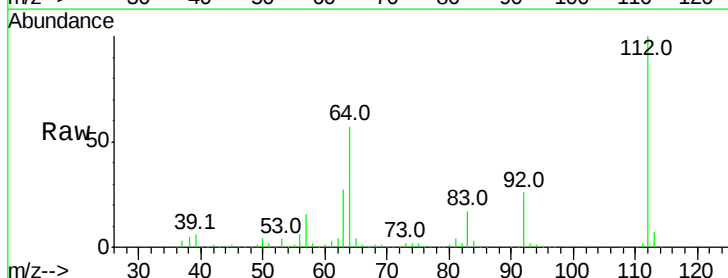
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



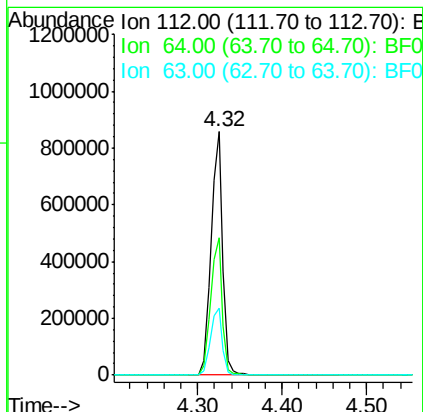
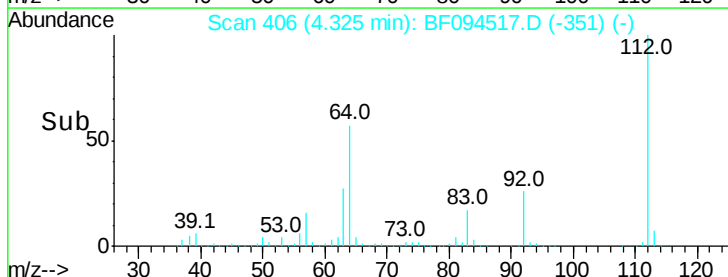
#5

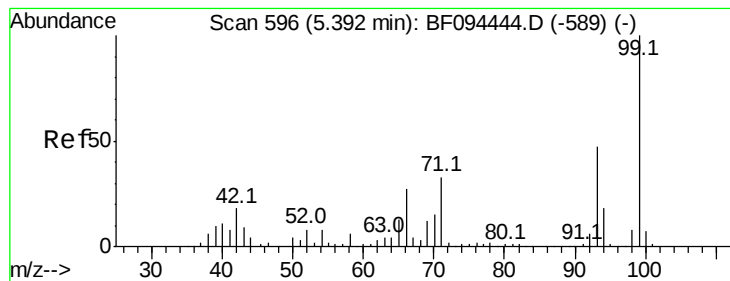
2-Fluorophenol
Concen: 106.73 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Tgt Ion:112 Resp: 835009
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 27.4 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: 112.16 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

Instrument :

BNA_F

ClientSampled :

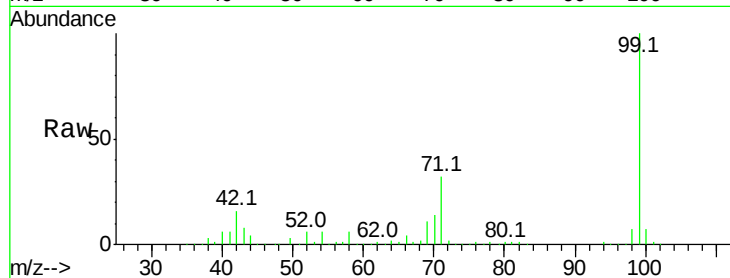
Tot Ion: 99 Resp: 1034463

Ion Ratio Lower Upper

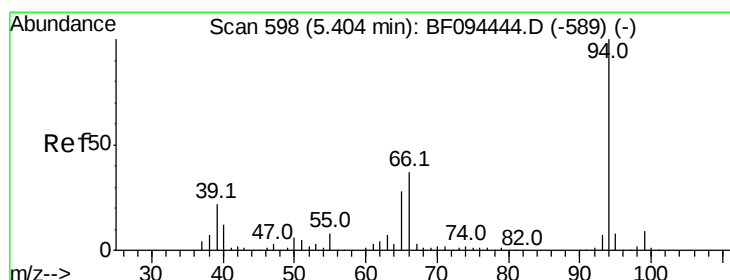
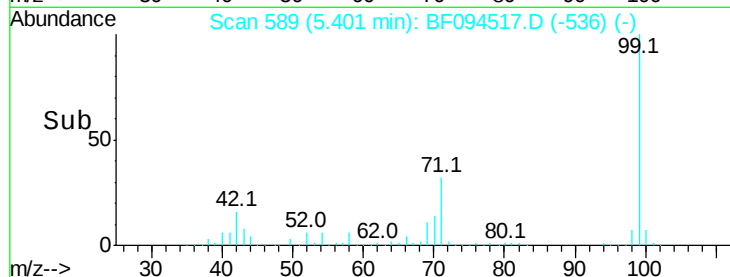
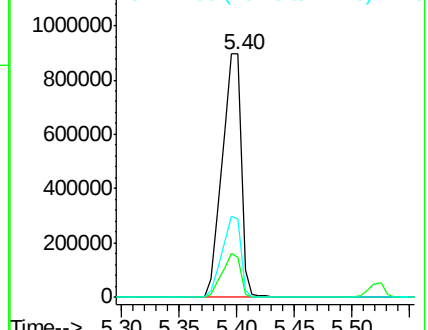
99 100

42 16.4 13.5 20.3

71 32.1 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: 2.08 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

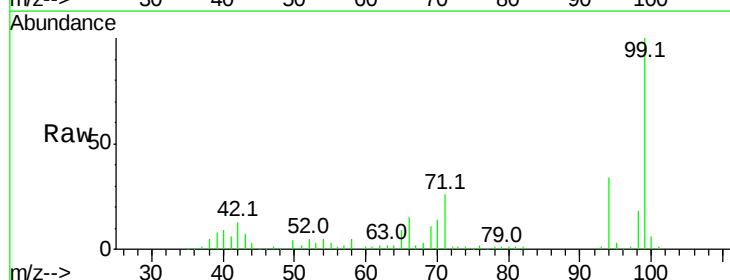
Tgt Ion: 94 Resp: 23518

Ion Ratio Lower Upper

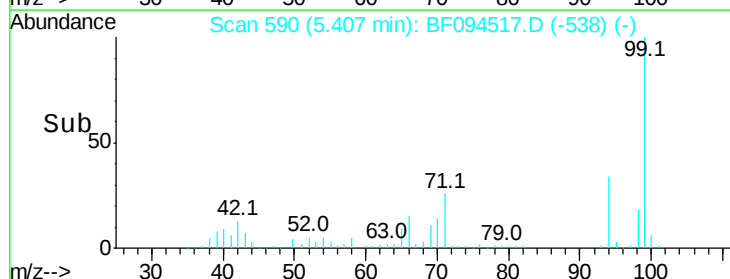
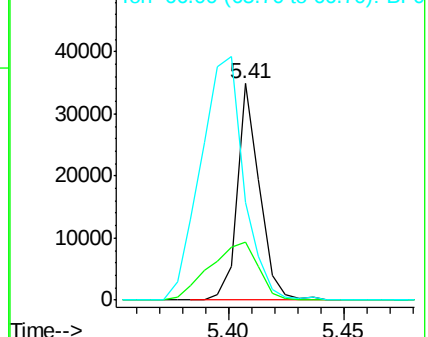
94 100

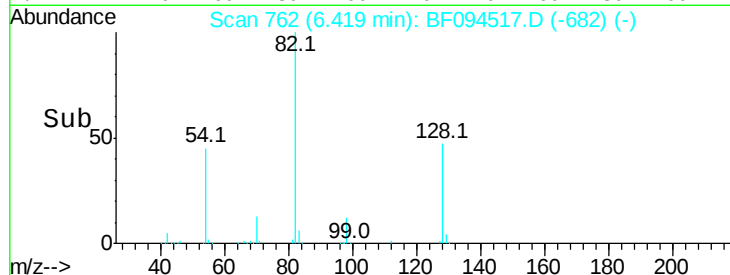
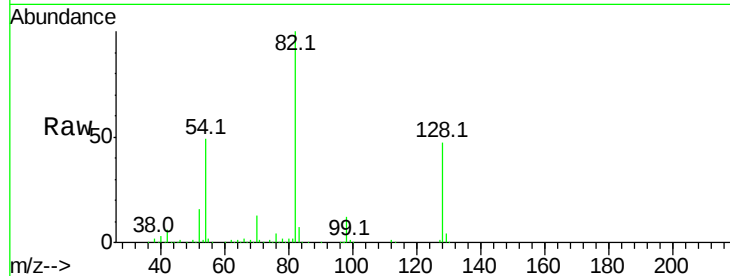
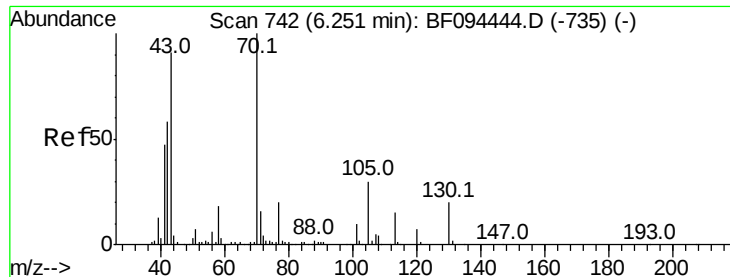
65 26.8 9.9 49.9

66 44.9 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

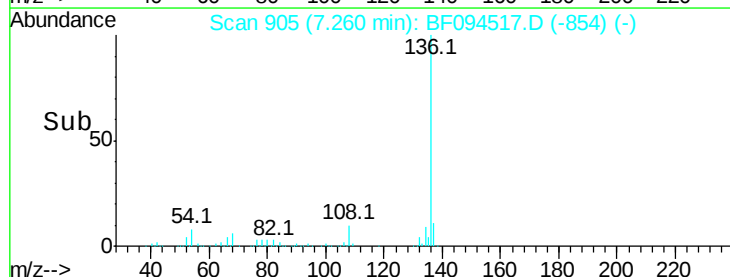
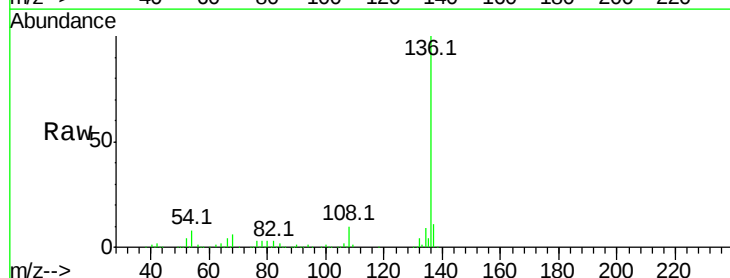
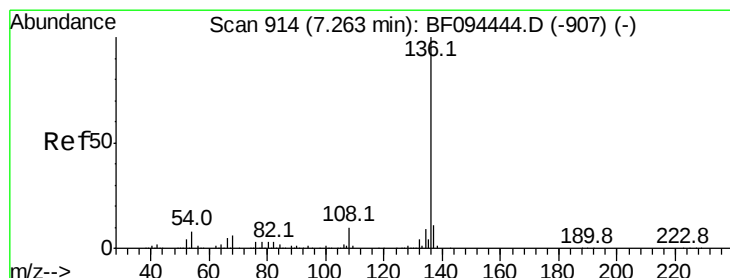
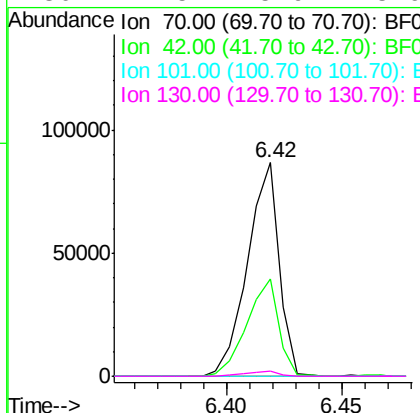




#19
n-Nitroso-di-n-propylamine
Concen: 13.61 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

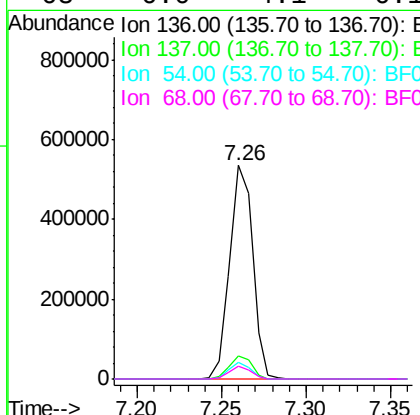
Instrument :
BNA_F
ClientSampleId :

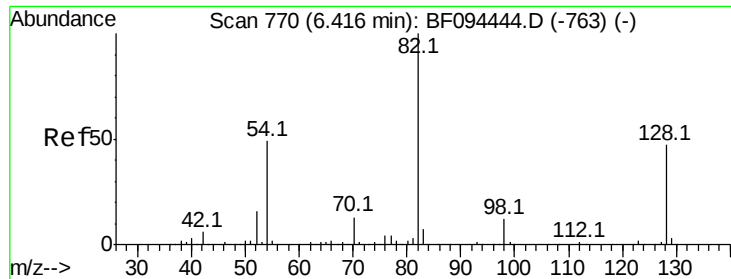
Tot Ion: 70 Resp: 83181
Ion Ratio Lower Upper
70 100
42 45.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Tgt Ion: 136 Resp: 506715
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.6 4.9 7.3#
68 6.0 4.1 6.1

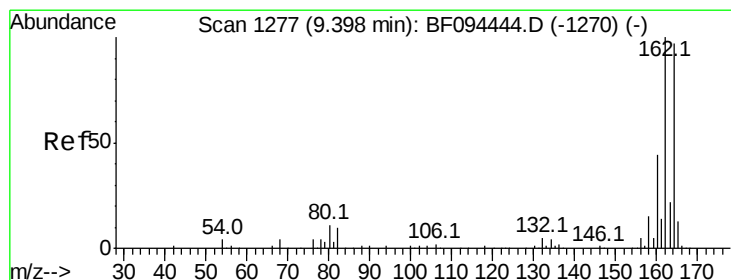
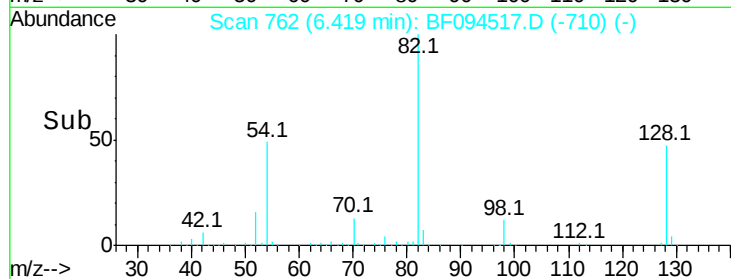
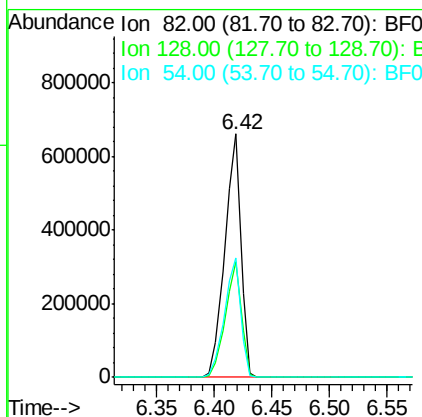
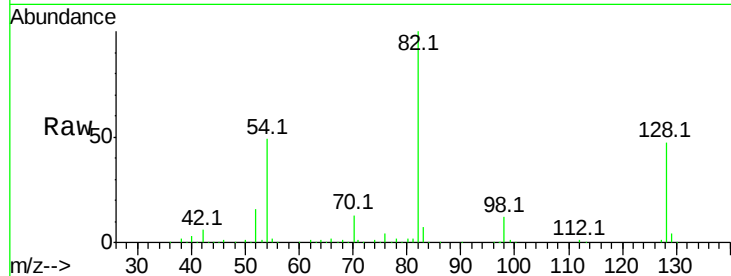




#23
 Nitrobenzene-d5
 Concen: 78.25 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

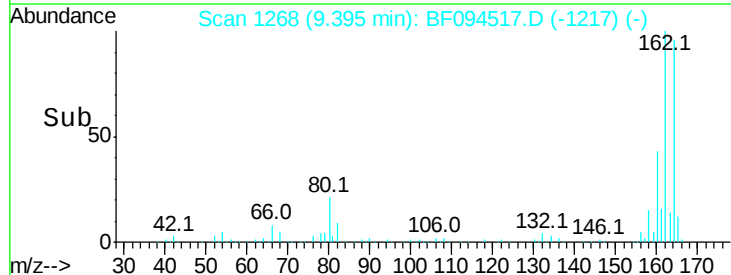
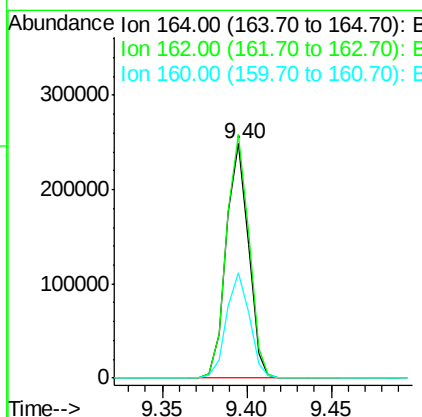
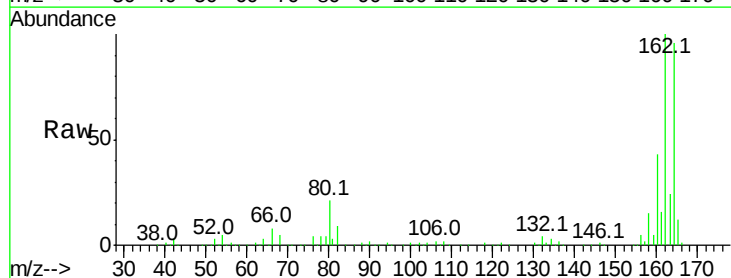
Instrument :
 BNA_F
 ClientSampled :

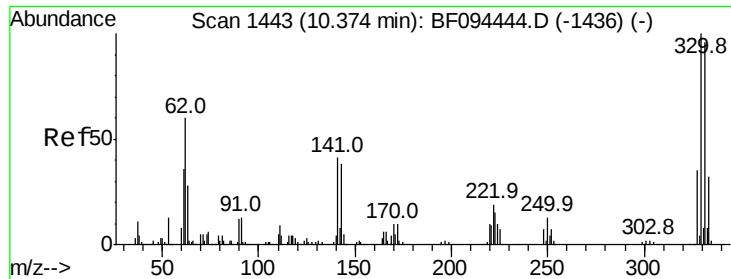
Tot Ion	82	Resp	642099
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	49.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Tgt Ion	164	Resp	229065
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.6	123.8
160	44.7	36.2	54.2

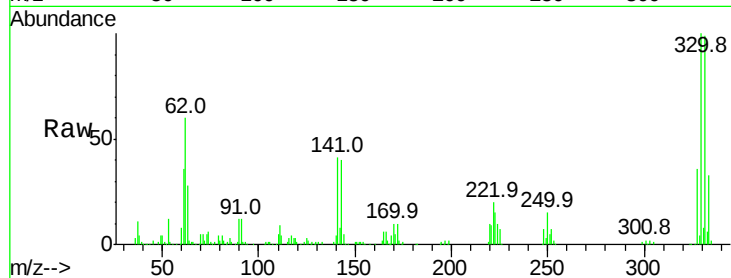




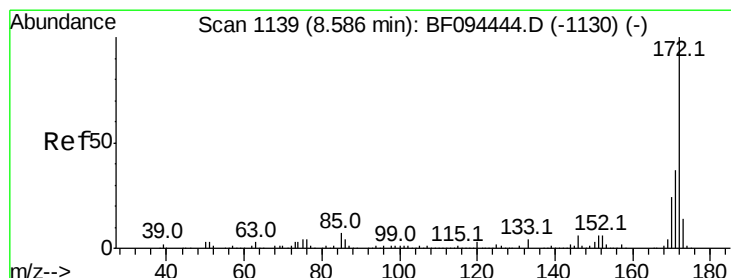
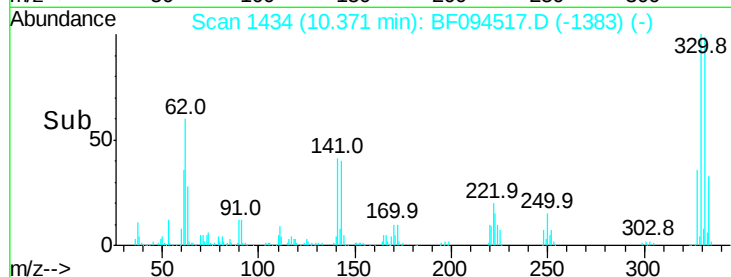
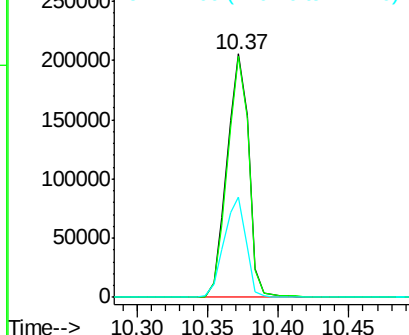
#41
 2,4,6-Tribromophenol
 Concen: 123.27 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 220869
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 41.7 31.4 47.2

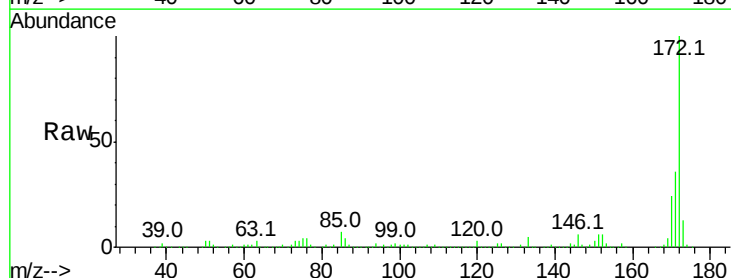


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

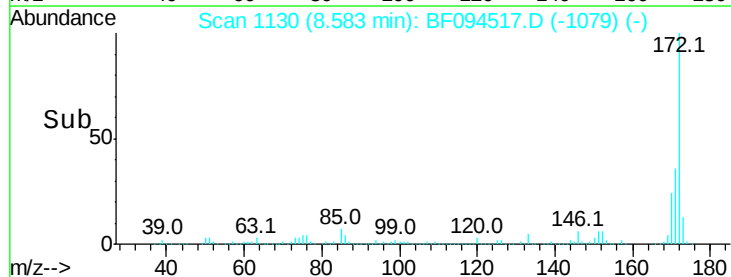
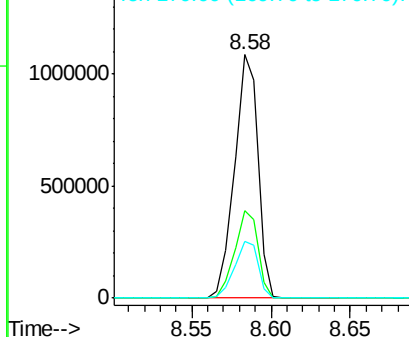


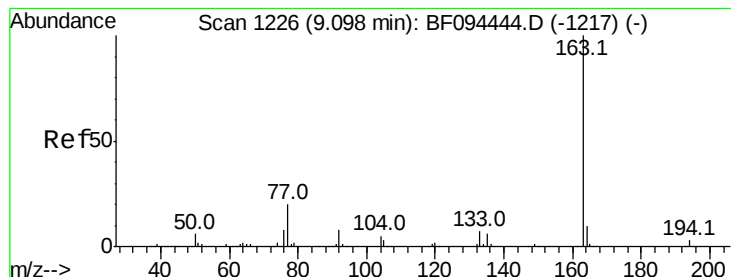
#44
 2-Fluorobiphenyl
 Concen: 71.54 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Tgt Ion:172 Resp: 1113695
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.6 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: 14.06 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

Instrument :

BNA_F

ClientSampleId :

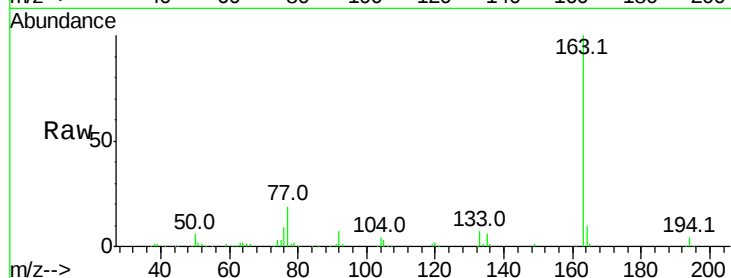
Tot Ion:163 Resp: 239943

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

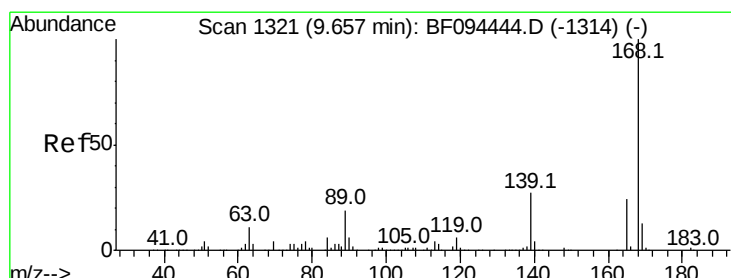
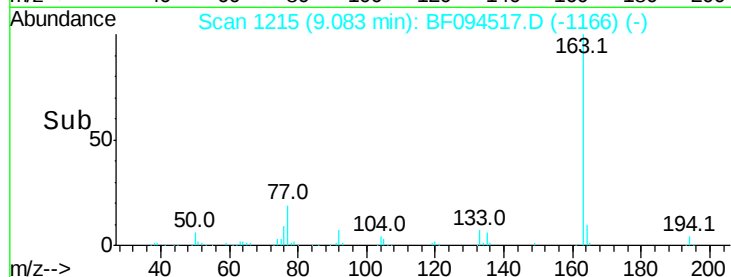
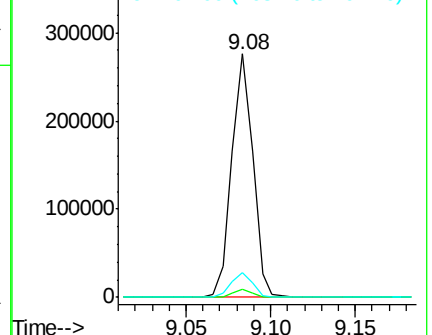
164 9.9 8.4 12.6



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: 6.10 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.26 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

Tgt Ion:165 Resp: 28673

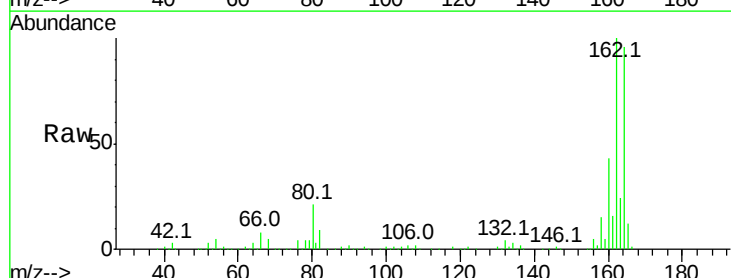
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

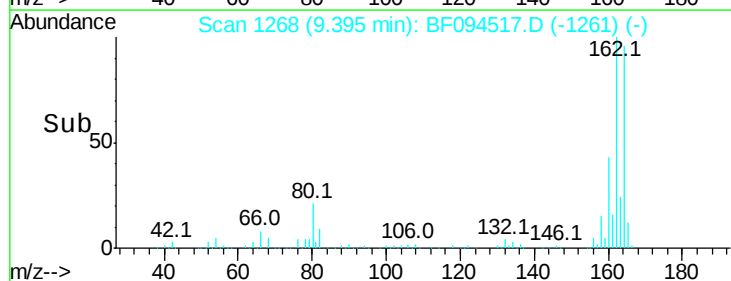
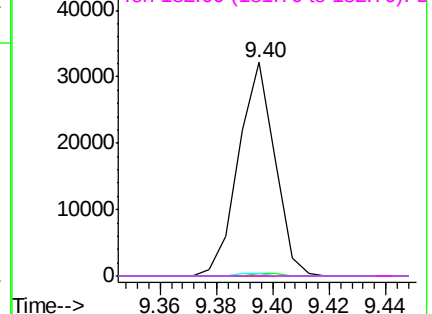


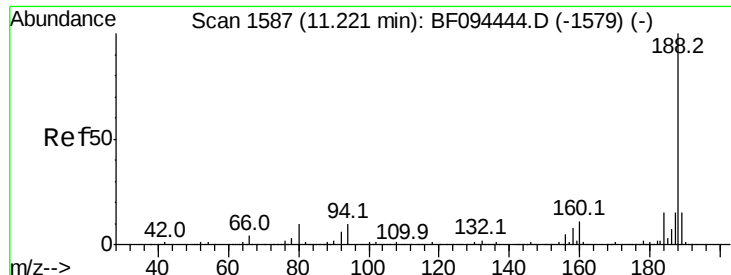
Abundance Ion 165.00 (164.70 to 165.70): E

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

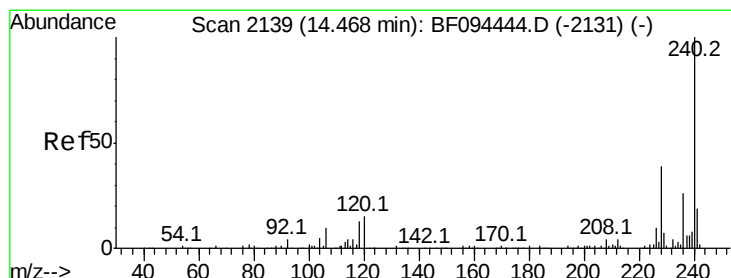
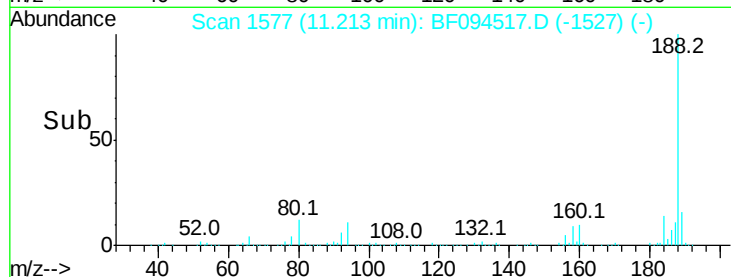
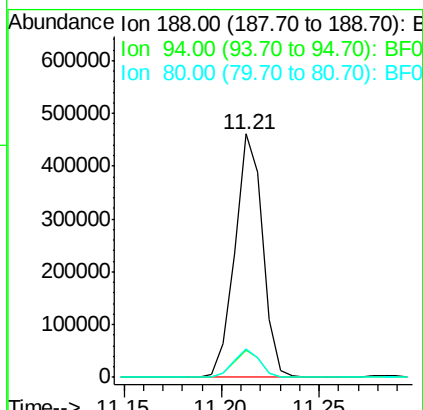
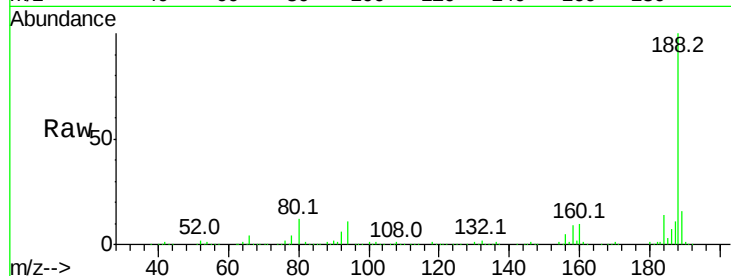




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

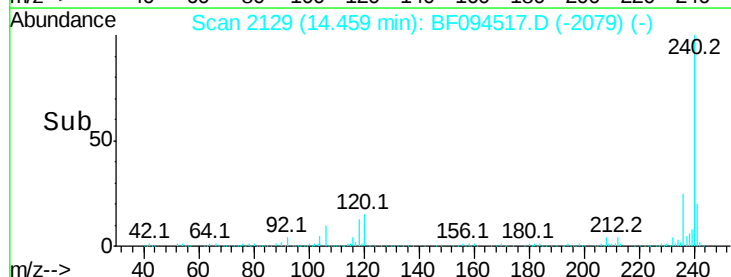
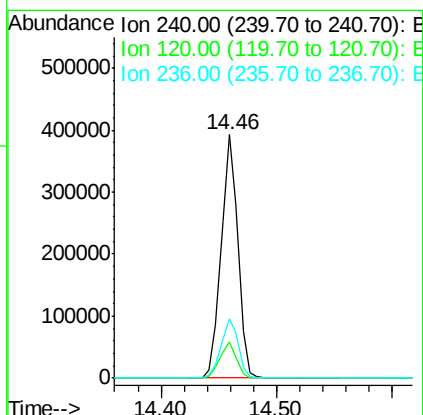
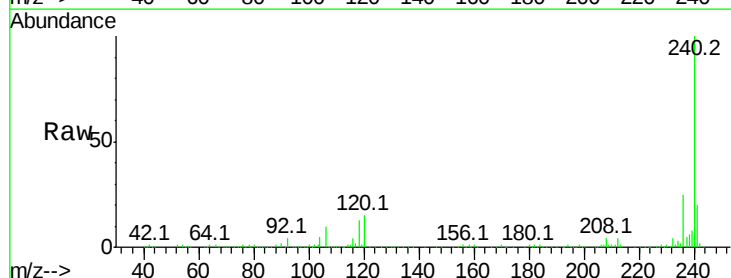
Instrument :
 BNA_F
 ClientSampleId :

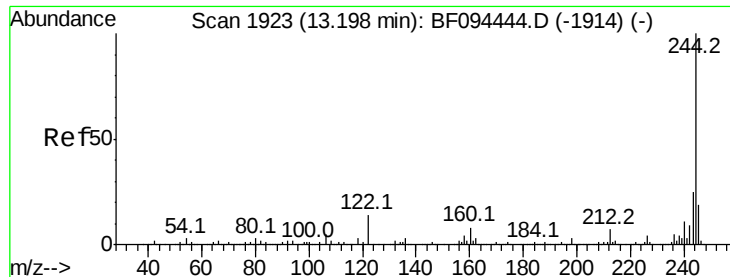
Tot Ion:188 Resp: 451341
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.9 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Tgt Ion:240 Resp: 395428
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.6 20.5 30.7





#78

Terphenyl-d14

Concen: 67.64 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

Instrument :

BNA_F

ClientSampleId :

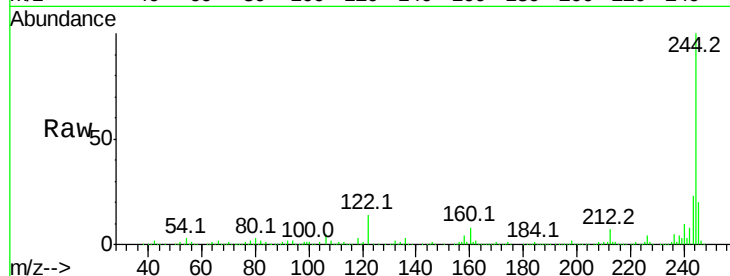
Tot Ion:244 Resp: 1000604

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

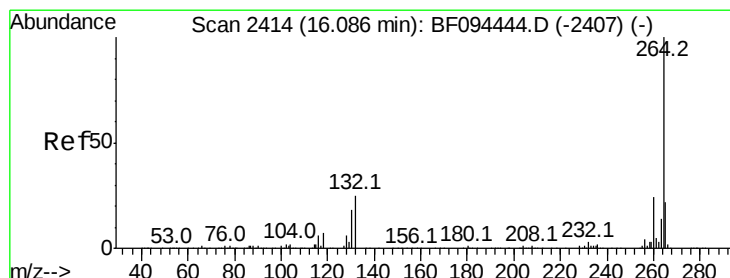
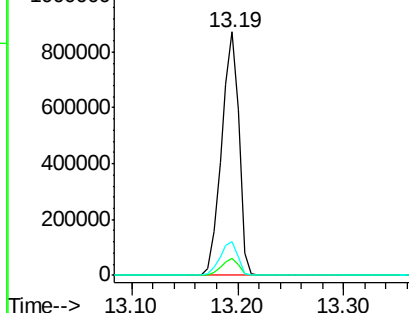
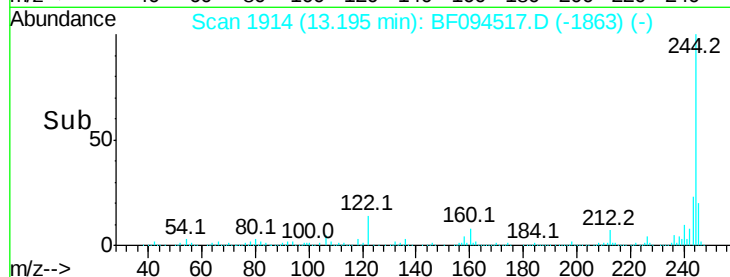
122 13.9 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

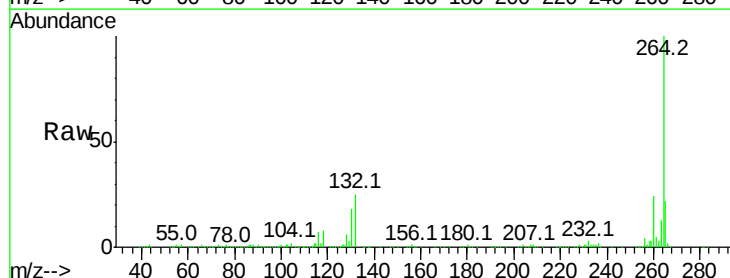
Tgt Ion:264 Resp: 299161

Ion Ratio Lower Upper

264 100

260 24.4 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

