

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094484.D
 Acq On : 18 Apr 2017 13:57
 Operator : SJ/MA
 Sample : I2701-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:10:19 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

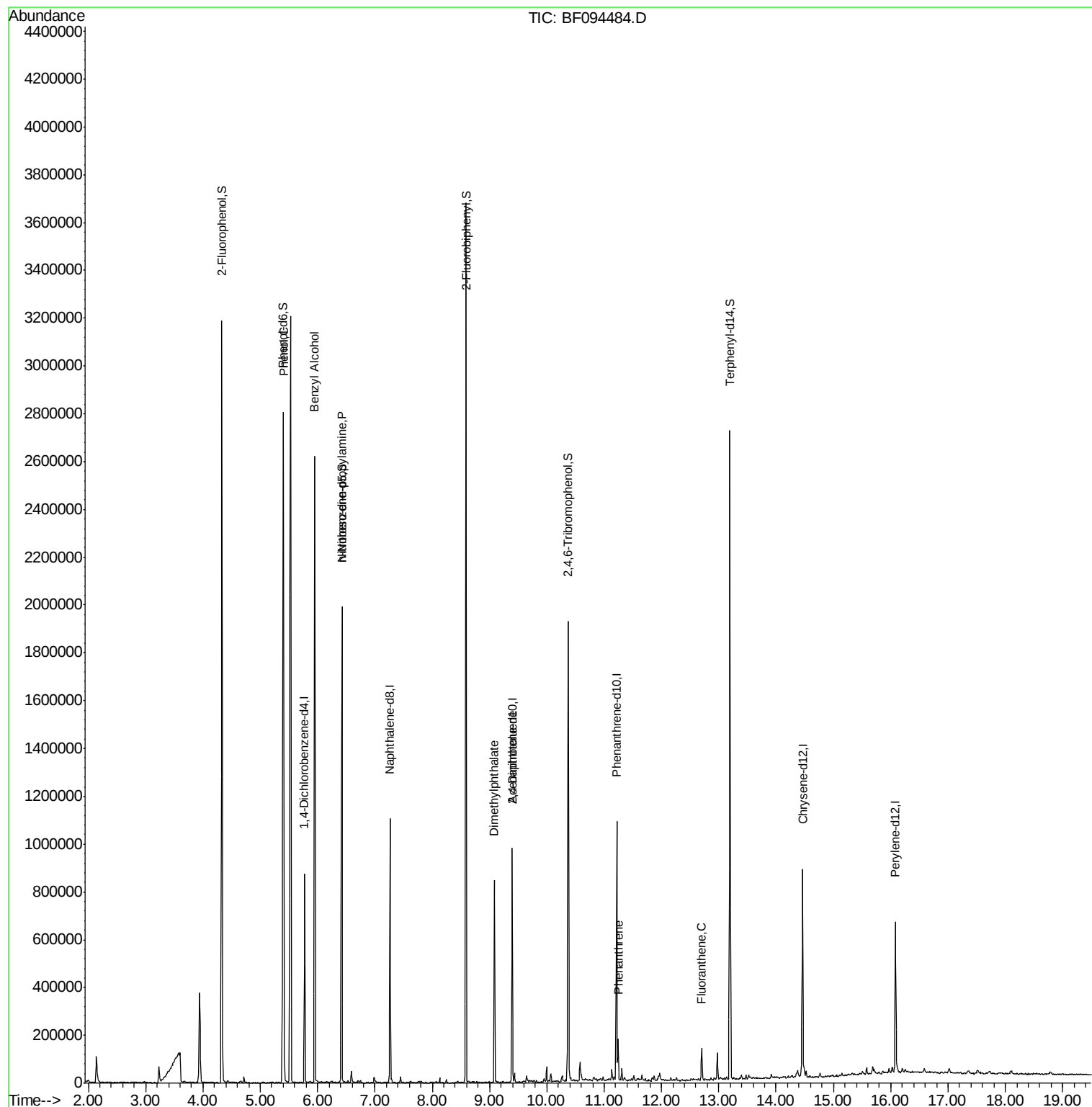
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	127455	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	505115	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	205841	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	438205	20.00	ng	0.00
75) Chrysene-d12	14.46	240	335104	20.00	ng	0.00
86) Perylene-d12	16.08	264	239923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	961496	125.16	ng	0.03
7) Phenol-d6	5.41	99	1251765	138.21	ng	0.01
23) Nitrobenzene-d5	6.42	82	771300	94.29	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	262406	162.98	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1230726	87.97	ng	0.00
78) Terphenyl-d14	13.19	244	1039760	82.94	ng	0.00
Target Compounds						
10) Phenol	5.41	94	36410	3.27	ng	Qvalue 97
15) Benzyl Alcohol	5.95	79	14218	2.12	ng	# 57
19) n-Nitroso-di-n-propylamine	6.42	70	99734	16.62	ng	# 77
49) Dimethylphthalate	9.08	163	378670	24.69	ng	99
56) 2,4-Dinitrotoluene	9.40	165	27330	6.47	ng	# 33
70) Phenanthrene	11.24	178	63162	2.56	ng	97
74) Fluoranthene	12.70	202	54502	2.13	ng	98

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

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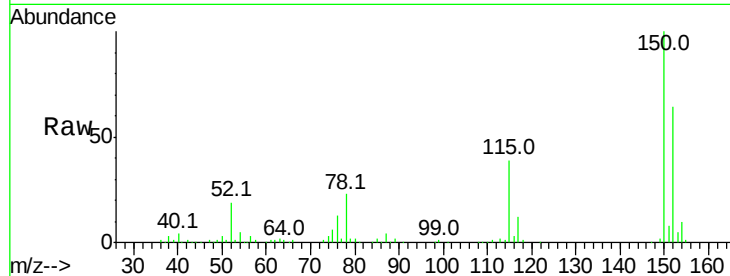


#1

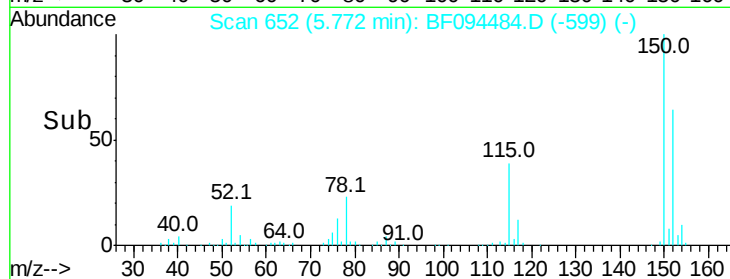
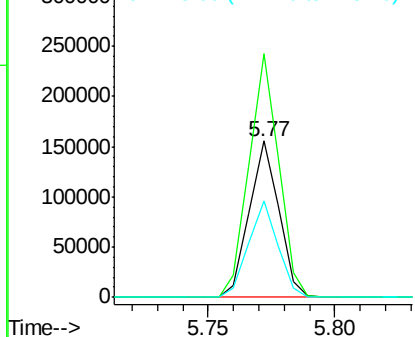
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094484.D
Acq: 18 Apr 2017 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127455
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.5 52.2 78.2



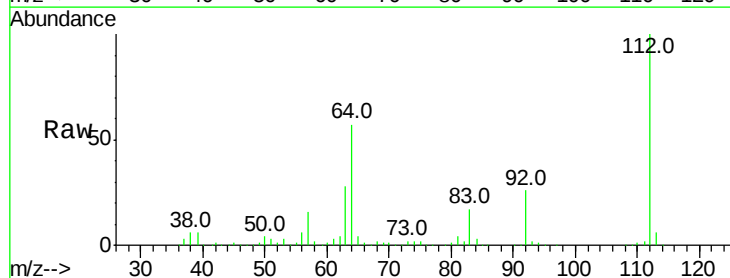
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



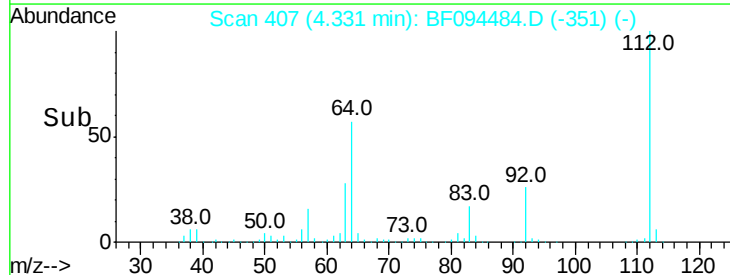
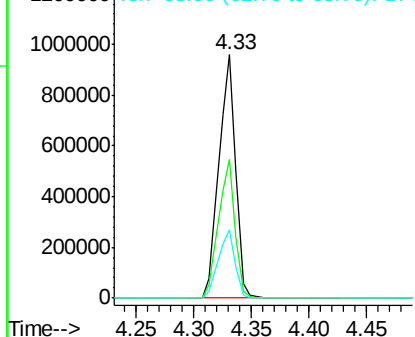
#5

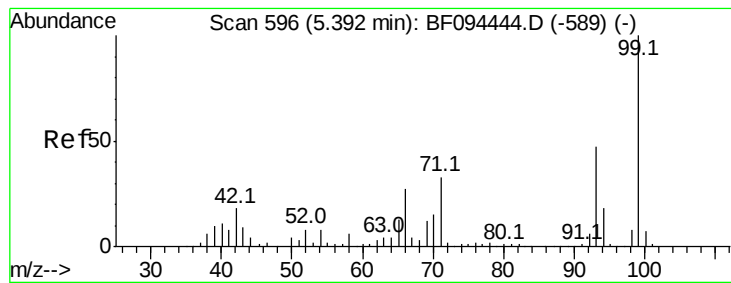
2-Fluorophenol
Concen: 125.16 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094484.D
Acq: 18 Apr 2017 13:57

Tgt Ion:112 Resp: 961496
Ion Ratio Lower Upper
112 100
64 56.9 46.0 69.0
63 28.3 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: 138.21 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

Instrument :

BNA_F

ClientSampled :

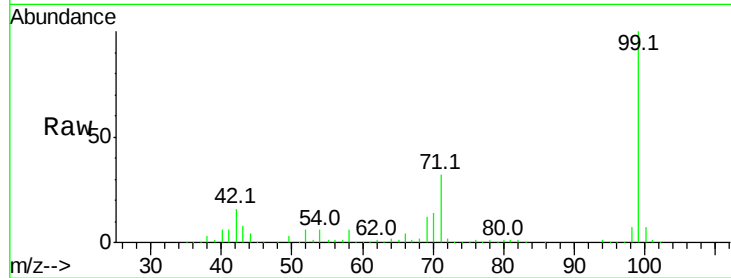
Tot Ion: 99 Resp: 1251765

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.8	24.5	36.7

99 100

42 15.9 13.5 20.3

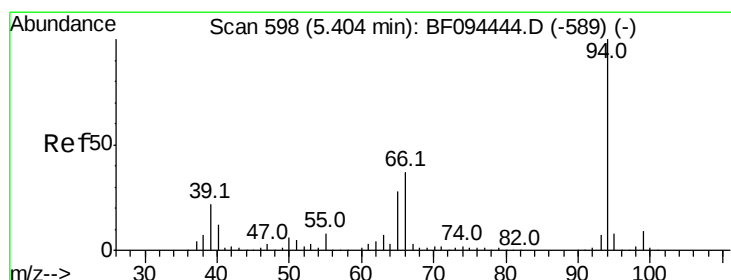
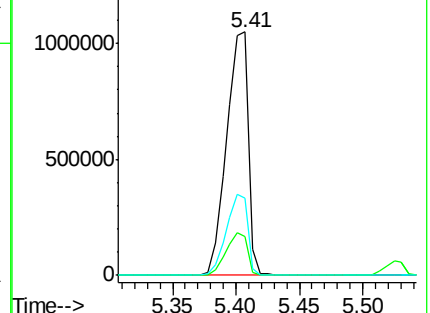
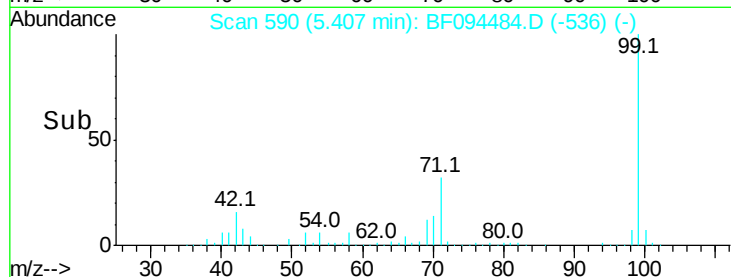
71 31.8 24.5 36.7



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: 3.27 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

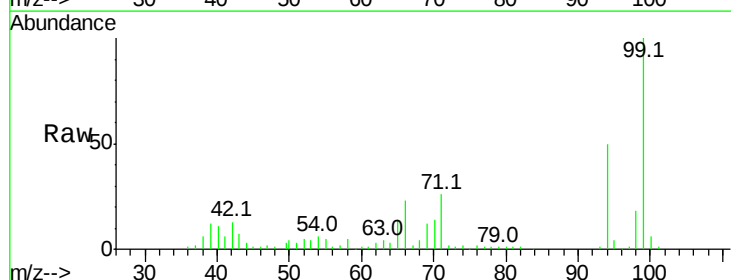
Tgt Ion: 94 Resp: 36410

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.9	49.9
66	44.8	23.1	63.1

94 100

65 28.3 9.9 49.9

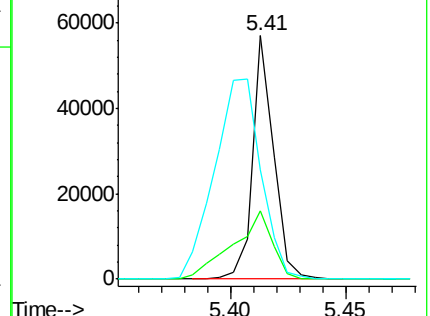
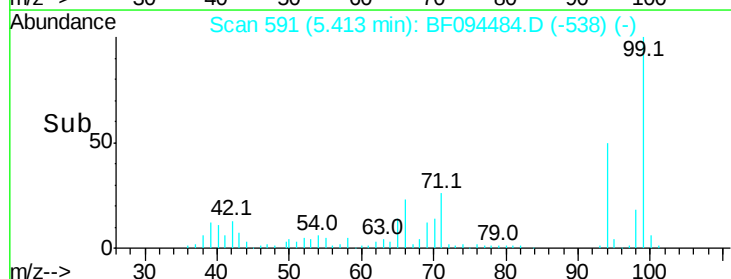
66 44.8 23.1 63.1

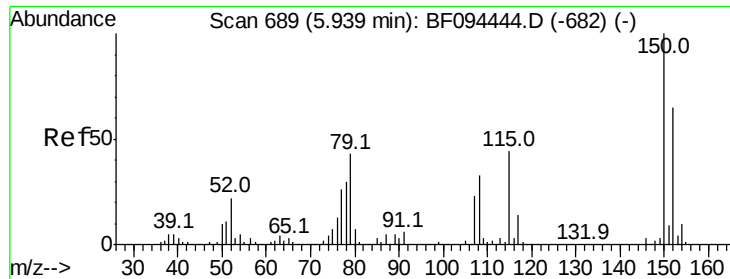


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

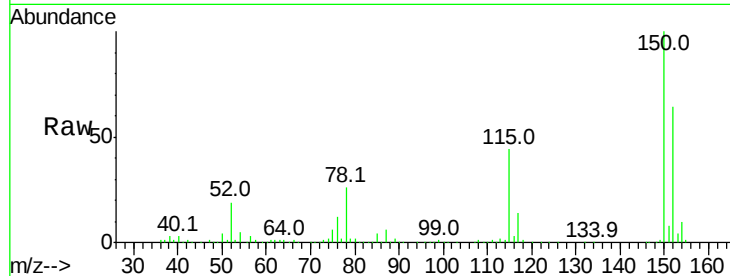




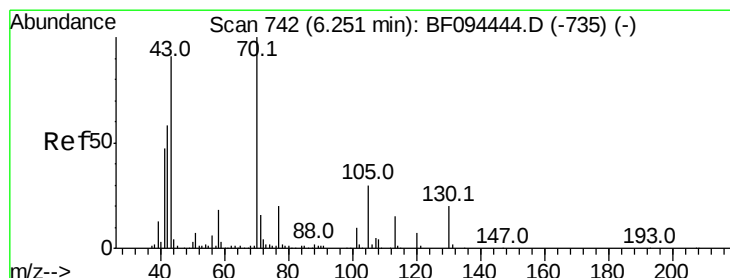
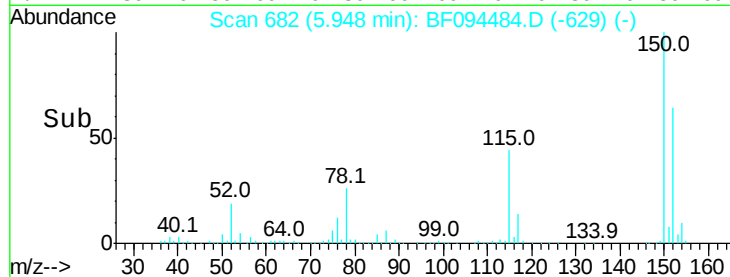
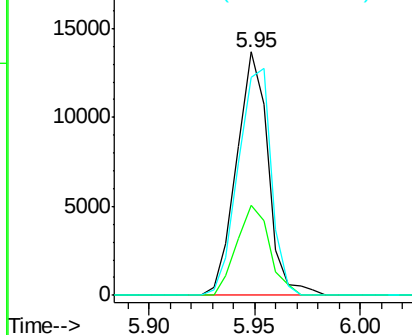
#15
Benzvl Alcohol
Concen: 2.12 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094484.D
Acq: 18 Apr 2017 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 14218
Ion Ratio Lower Upper
79 100
108 36.8 63.4 95.0#
77 89.8 49.2 73.8#

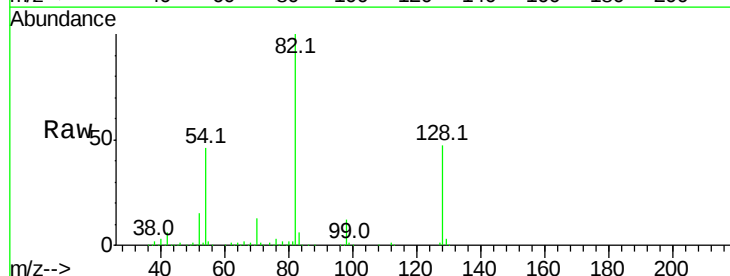


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

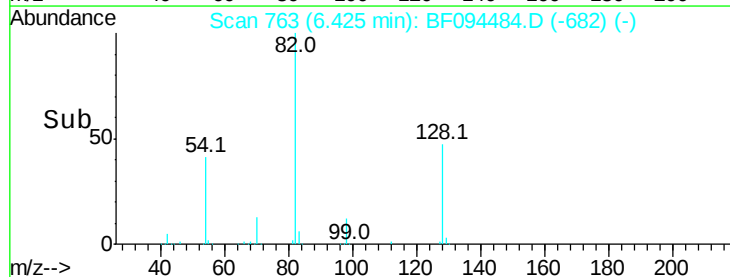
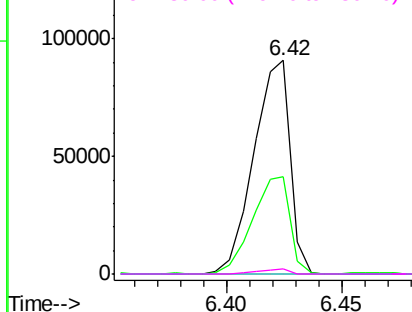


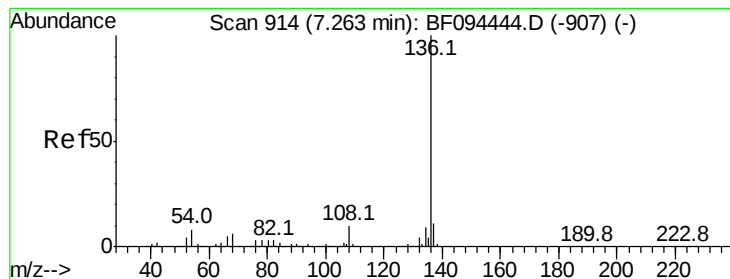
#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.17 min
Lab File: BF094484.D
Acq: 18 Apr 2017 13:57

Tgt Ion: 70 Resp: 99734
Ion Ratio Lower Upper
70 100
42 45.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 505115

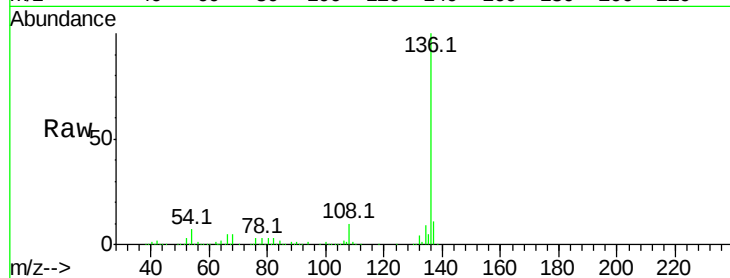
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

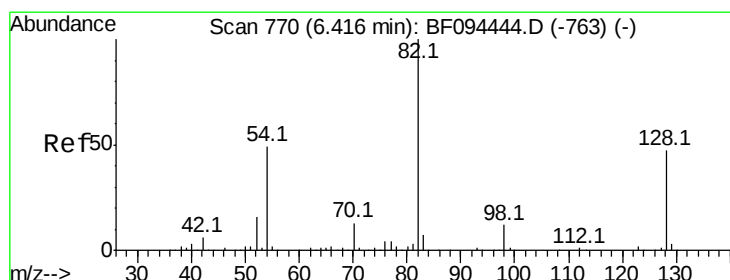
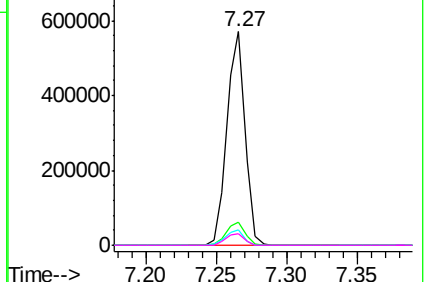
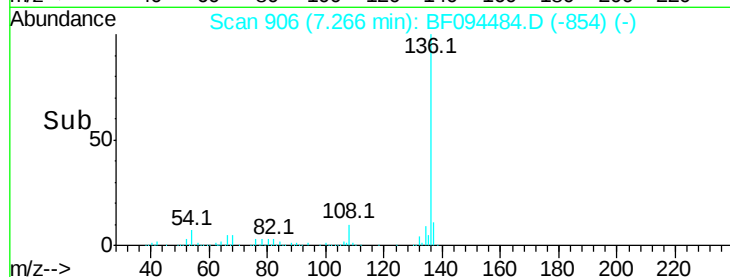


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.29 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

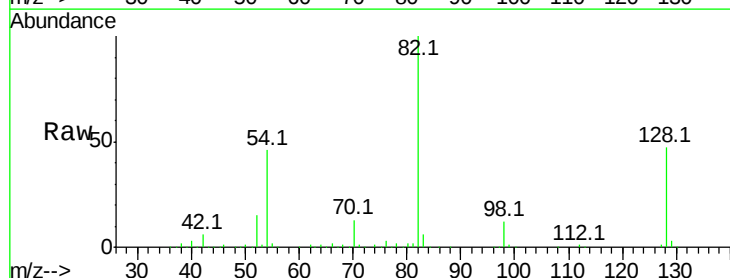
Tgt Ion: 82 Resp: 771300

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

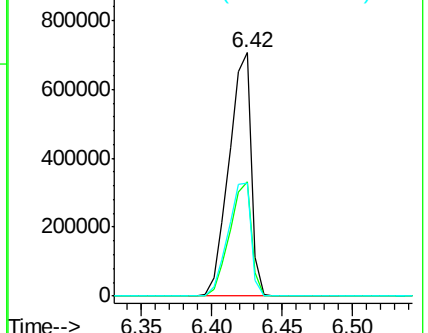
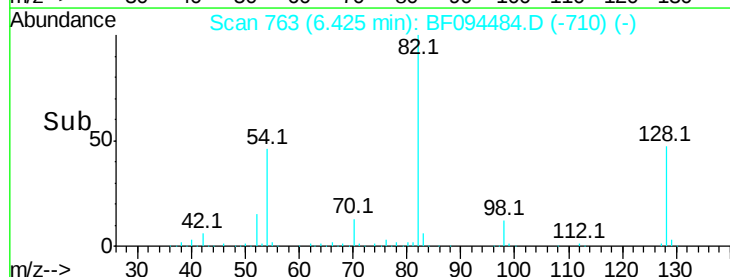
54 46.2 42.2 63.2

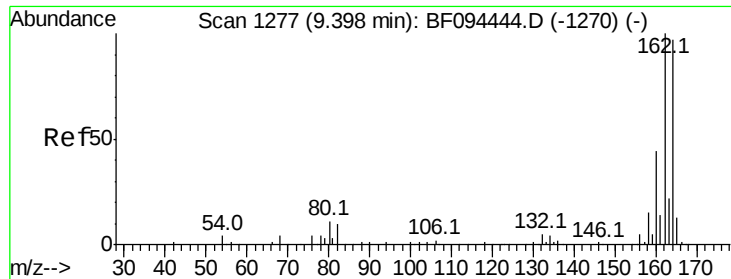


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

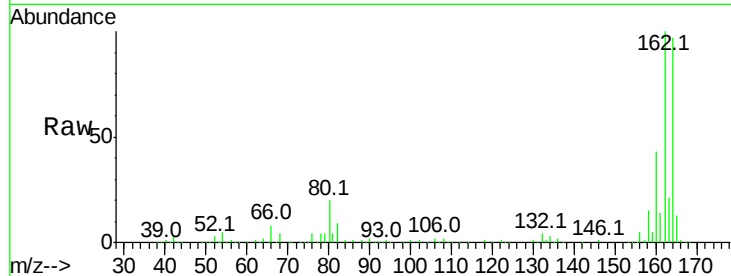




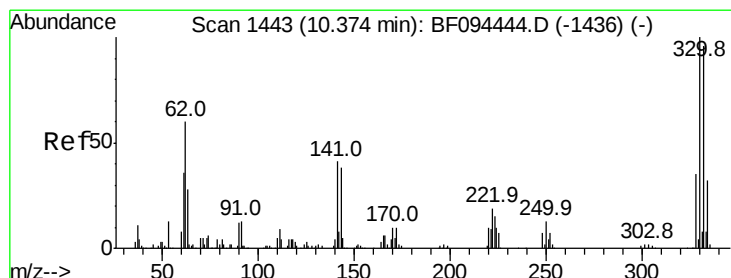
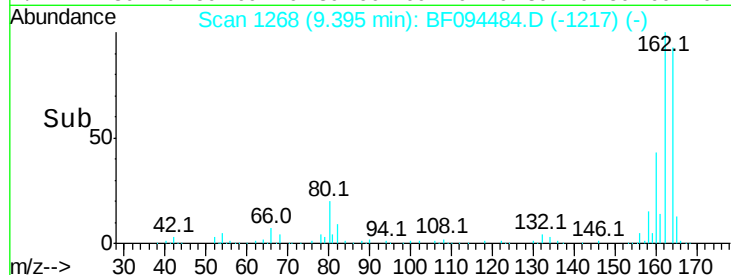
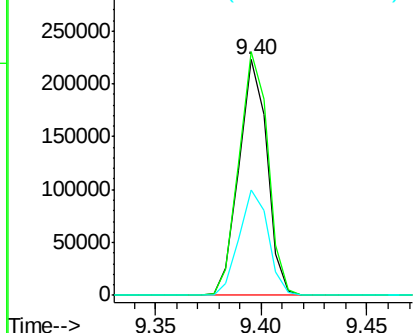
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094484.D
 Acq: 18 Apr 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 205841
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 44.9 36.2 54.2

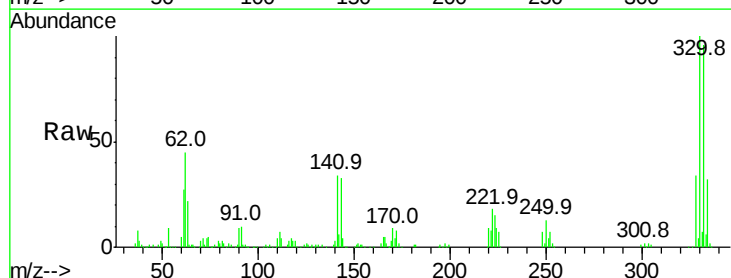


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

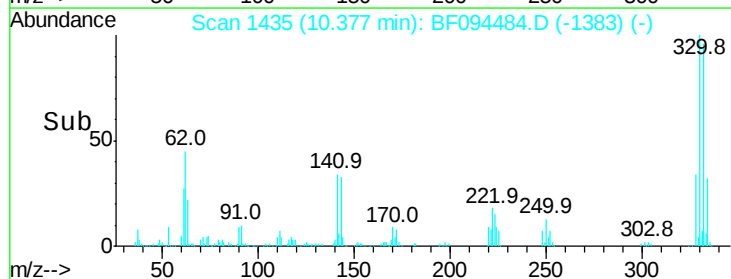
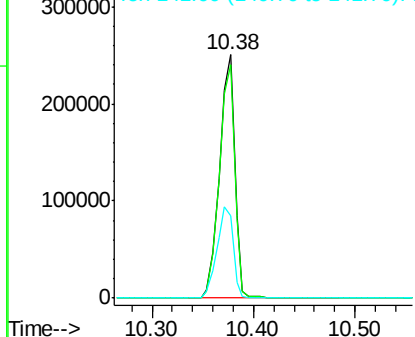


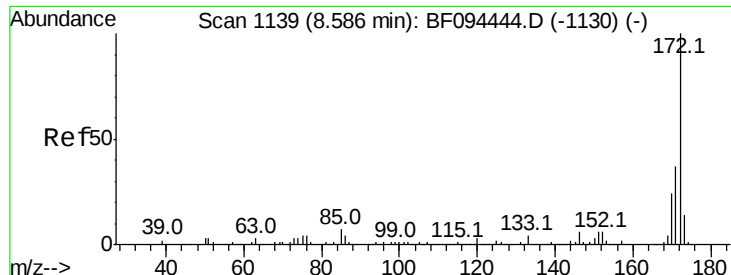
#41
 2,4,6-Tribromophenol
 Concen: 162.98 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094484.D
 Acq: 18 Apr 2017 13:57

Tgt Ion:330 Resp: 262406
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.9 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

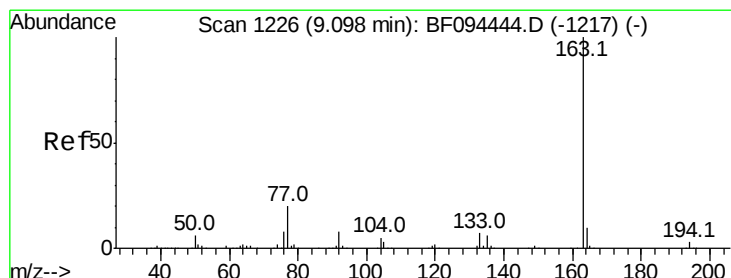
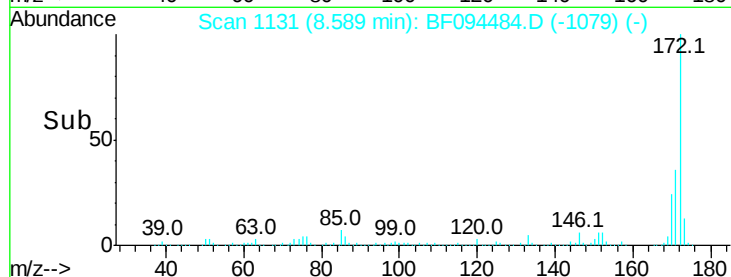
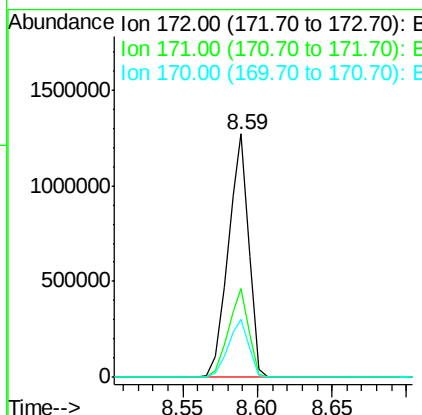
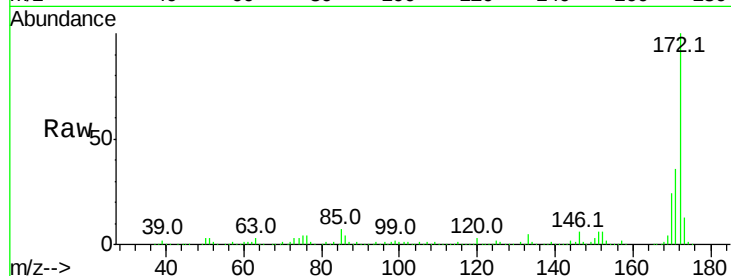




#44
2-Fluorobiphenyl
Concen: 87.97 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094484.D
Acq: 18 Apr 2017 13:57

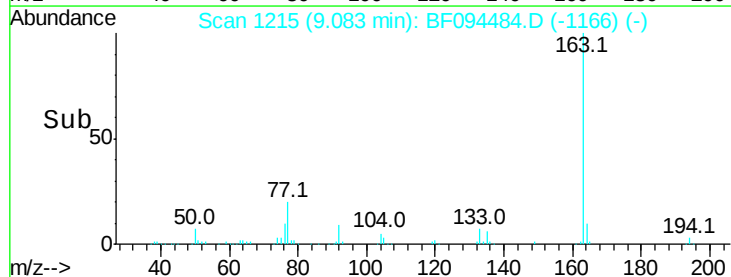
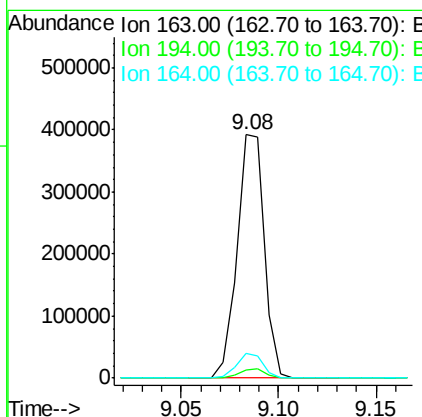
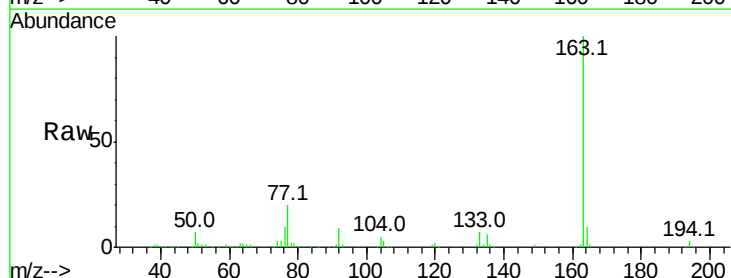
Instrument :
BNA_F
ClientSampleId :

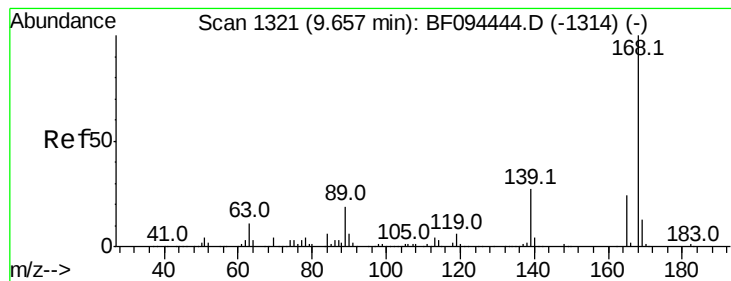
Tot Ion:172 Resp: 1230726
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 24.69 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094484.D
Acq: 18 Apr 2017 13:57

Tgt Ion:163 Resp: 378670
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.26 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 27330

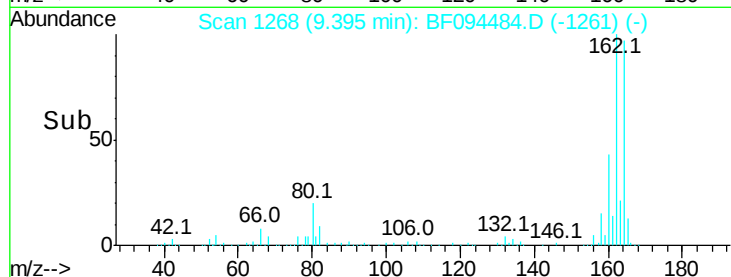
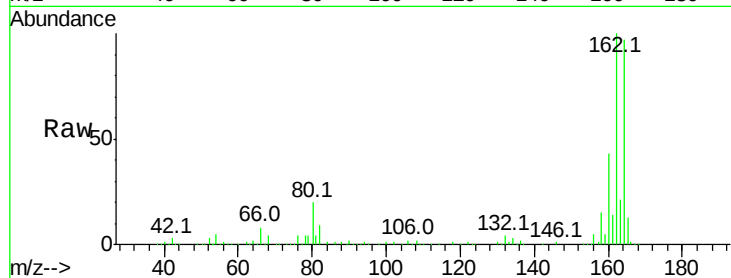
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

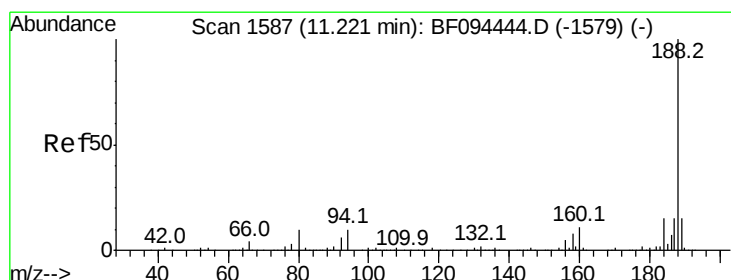
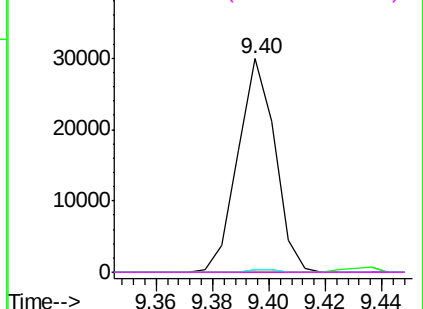


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

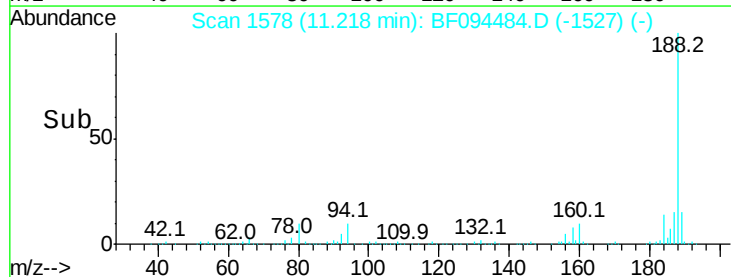
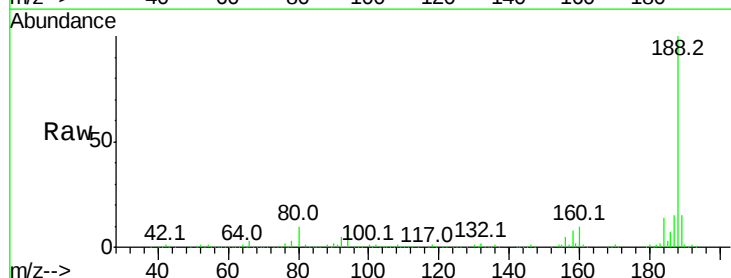
Tgt Ion:188 Resp: 438205

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

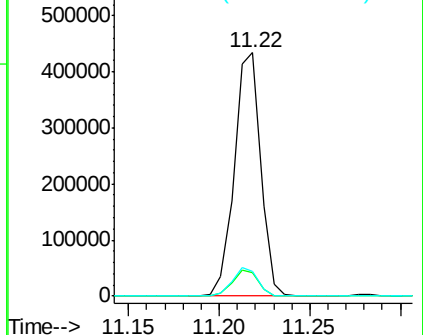
80 10.4 10.2 15.2

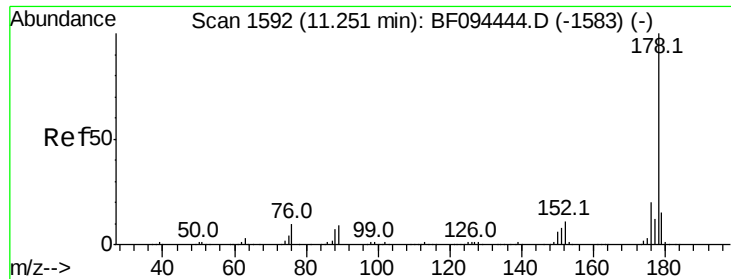


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.56 ng

RT: 11.24 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

Instrument :

BNA_F

ClientSampleId :

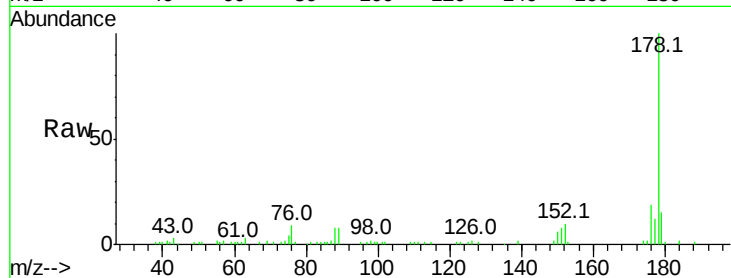
Tot Ion:178 Resp: 63162

Ion Ratio Lower Upper

178 100

176 18.9 16.2 24.4

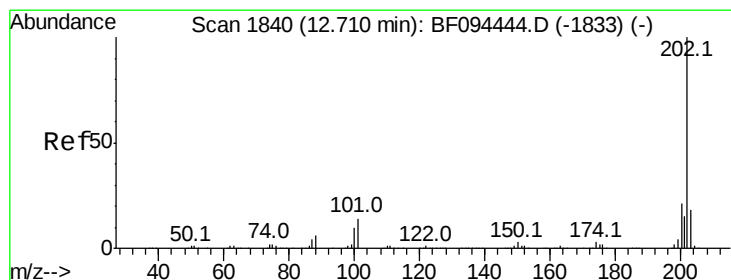
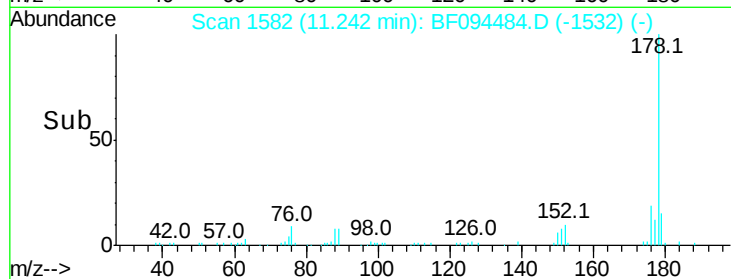
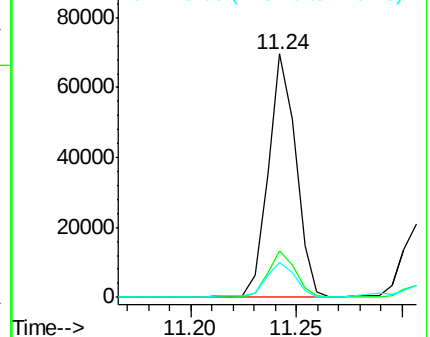
179 14.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.13 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

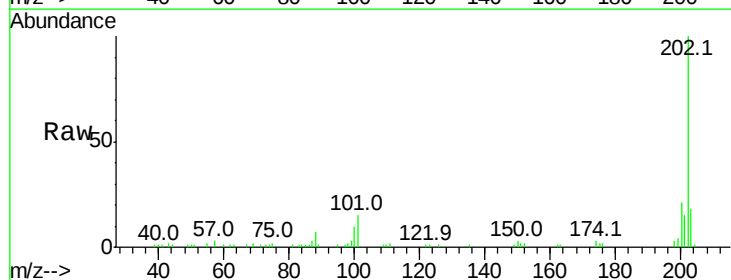
Tgt Ion:202 Resp: 54502

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

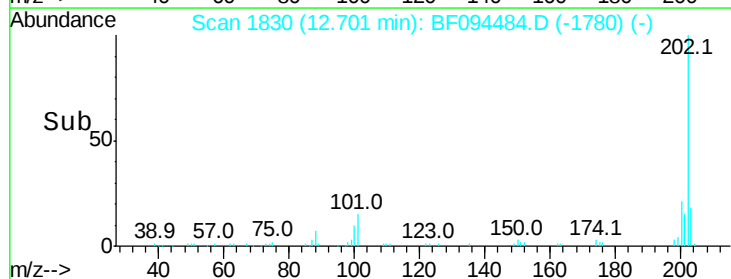
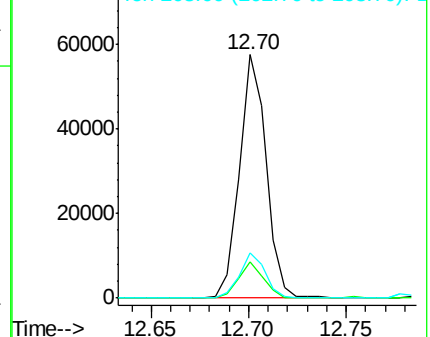
203 18.4 0.0 38.1

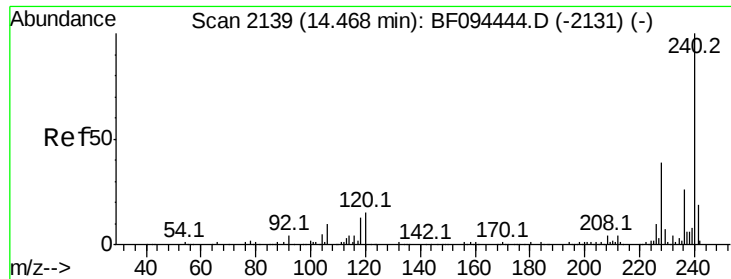


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

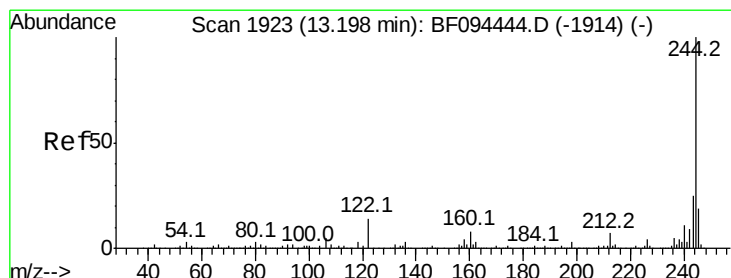
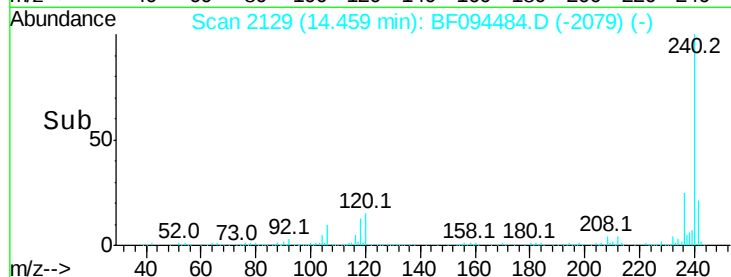
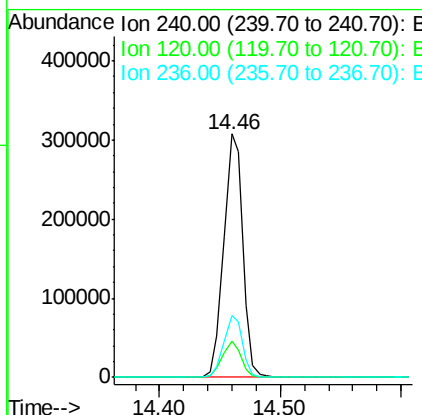
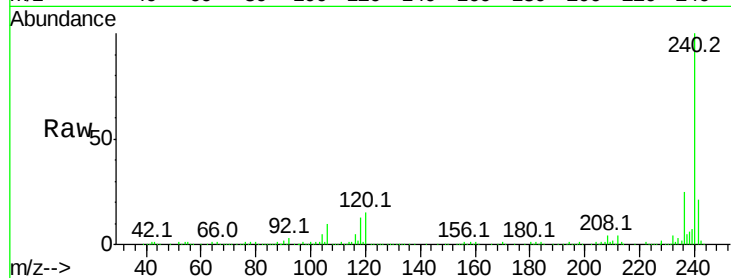




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094484.D
 Acq: 18 Apr 2017 13:57

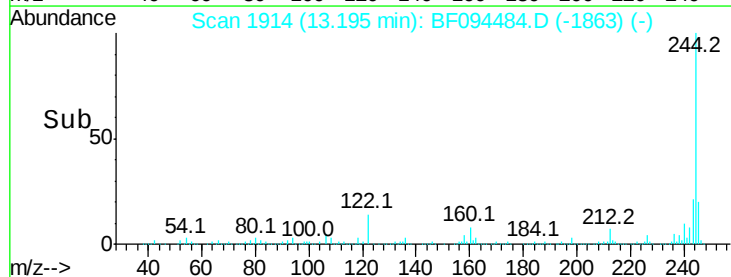
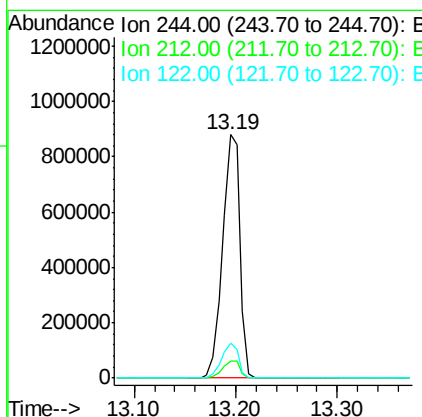
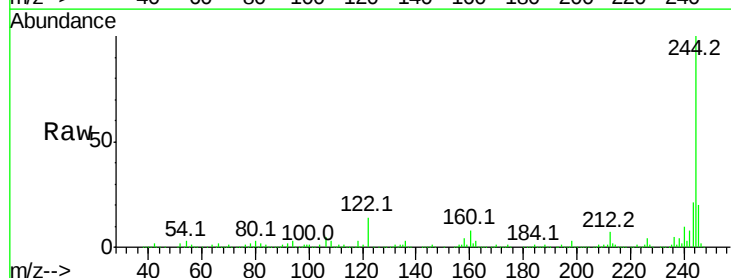
Instrument :
 BNA_F
 ClientSampleId :

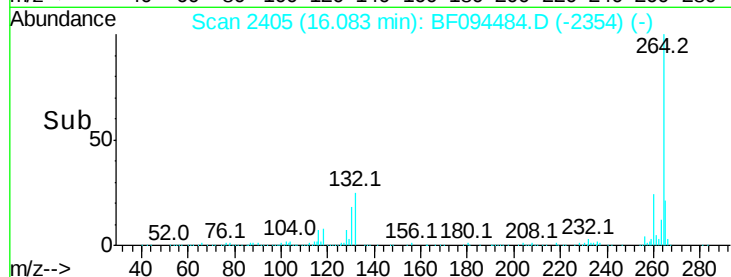
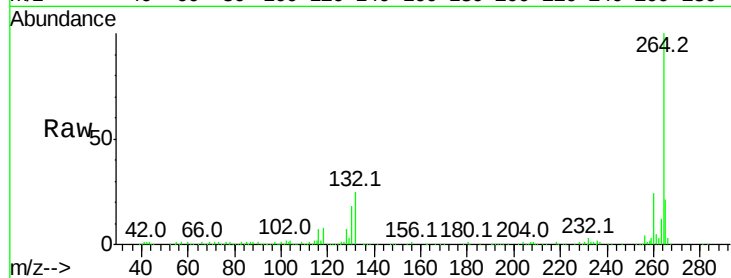
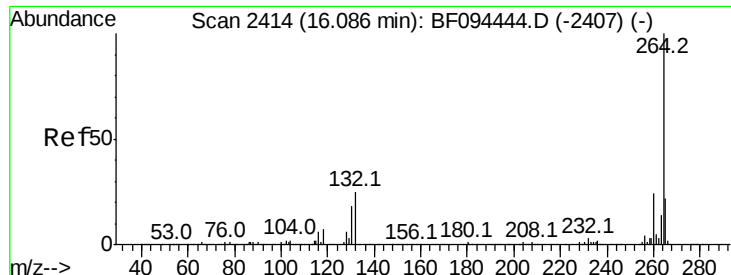
Tot Ion:240 Resp: 335104
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 25.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 82.94 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094484.D
 Acq: 18 Apr 2017 13:57

Tgt Ion:244 Resp: 1039760
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.2 10.3 15.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094484.D

Acq: 18 Apr 2017 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 239923

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.4 17.2 25.8

