

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
 Data File : BF094532.D
 Acq On : 19 Apr 2017 22:49
 Operator : SJ/MA
 Sample : I2749-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-NSW-02

Quant Time: Apr 20 08:08:10 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

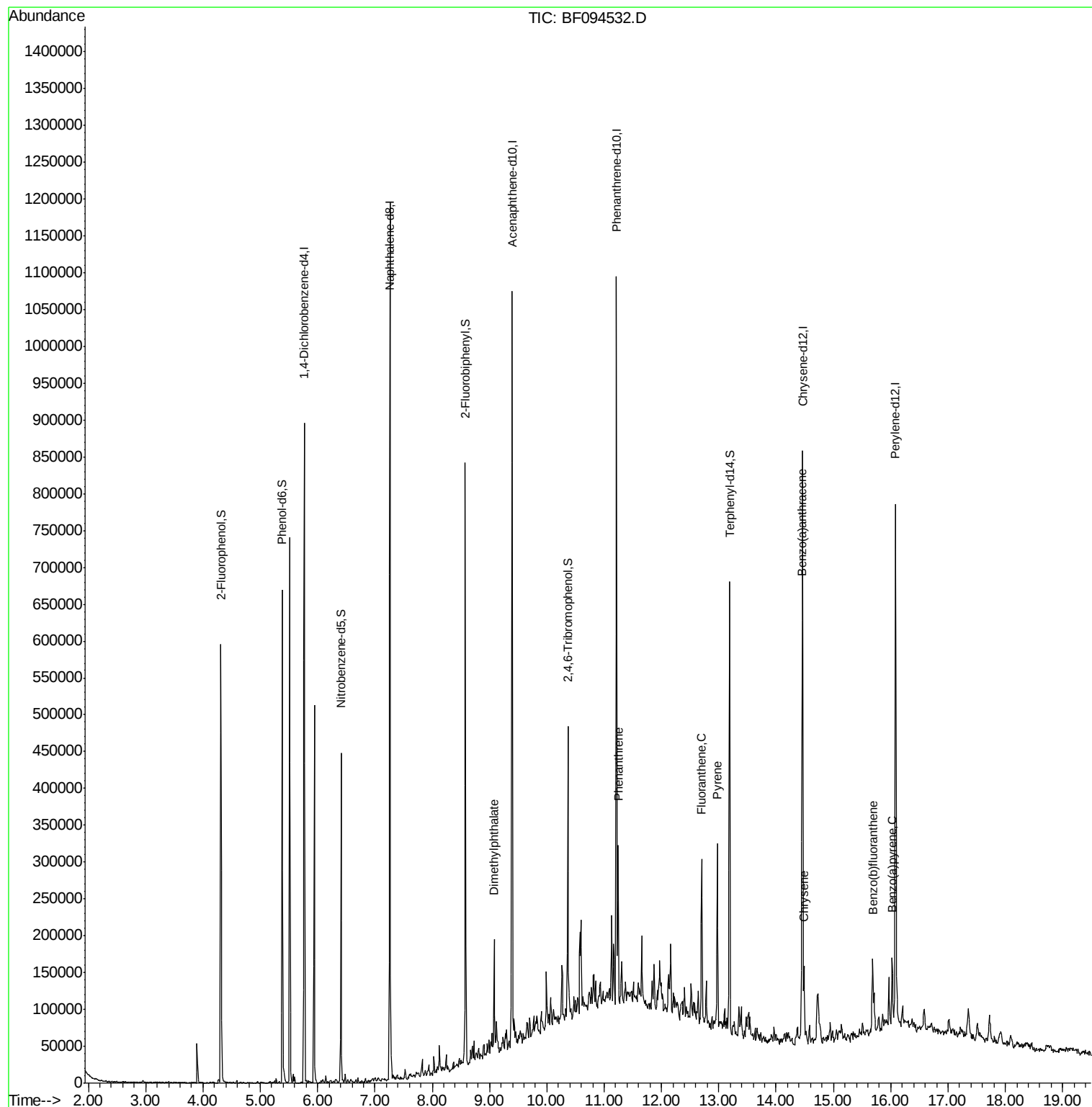
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	131097	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	535821	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	214197	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	404812	20.00	ng	0.00
75) Chrysene-d12	14.46	240	293970	20.00	ng	0.00
86) Perylene-d12	16.08	264	282003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	177619	22.48	ng	0.00
7) Phenol-d6	5.38	99	224127	24.06	ng	0.00
23) Nitrobenzene-d5	6.41	82	129661	14.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	42017	25.08	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	261510	17.96	ng	0.00
78) Terphenyl-d14	13.19	244	194406	17.68	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	70399	4.41	ng	99
70) Phenanthrene	11.24	178	78115	3.43	ng	99
74) Fluoranthene	12.70	202	97690	4.13	ng	98
77) Pyrene	12.98	202	104708	5.10	ng	96
80) Benzo(a)anthracene	14.45	228	38980	2.28	ng	96
82) Chrysene	14.49	228	39508	2.53	ng	94
87) Benzo(b)fluoranthene	15.68	252	44691m	2.59	ng	
89) Benzo(a)pyrene	16.02	252	36397	2.27	ng	# 97

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

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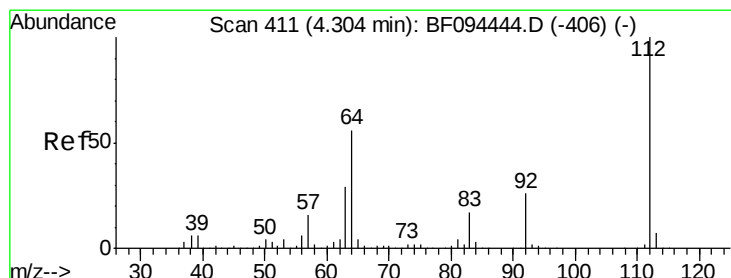
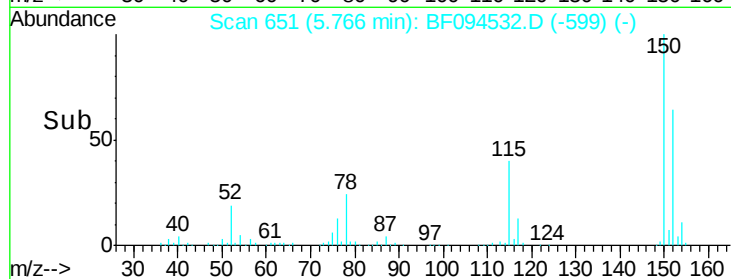
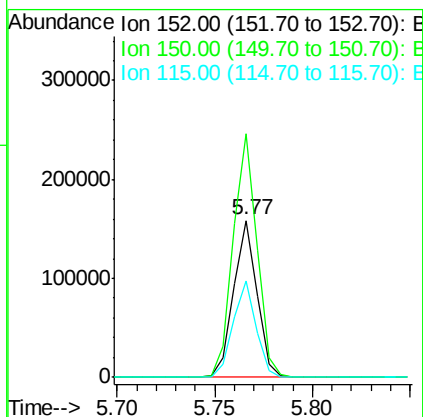
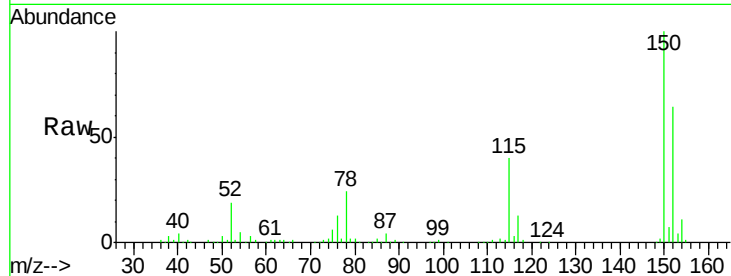


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Instrument :
BNA_F
ClientSampleId :
E2-V6-NSW-02

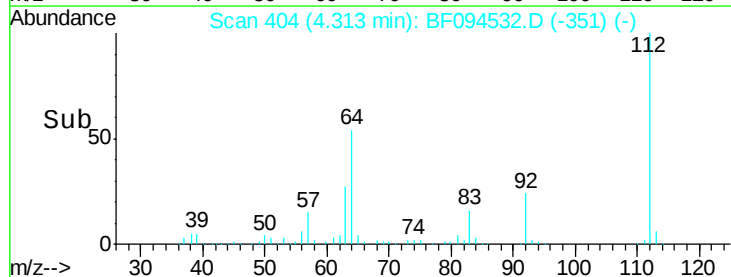
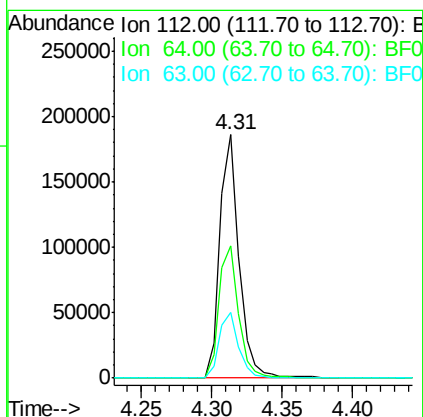
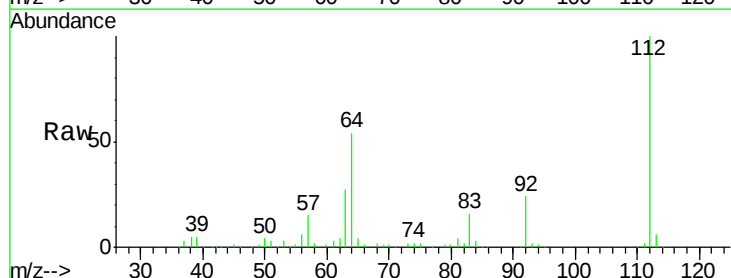
Tgt Ion:152 Resp: 131097
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 62.0 52.2 78.2

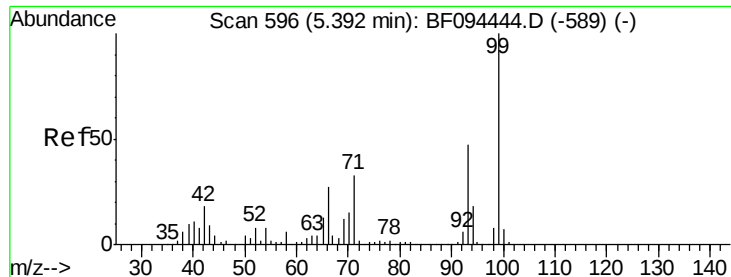


#5

2-Fluorophenol
Concen: 22.48 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion:112 Resp: 177619
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 27.2 23.4 35.0





#7

Phenol-d6

Concen: 24.06 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-02

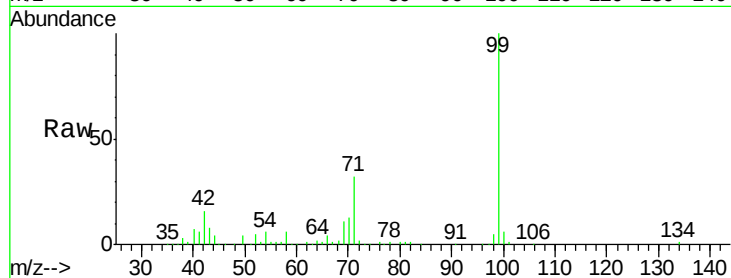
Tgt Ion: 99 Resp: 224127

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

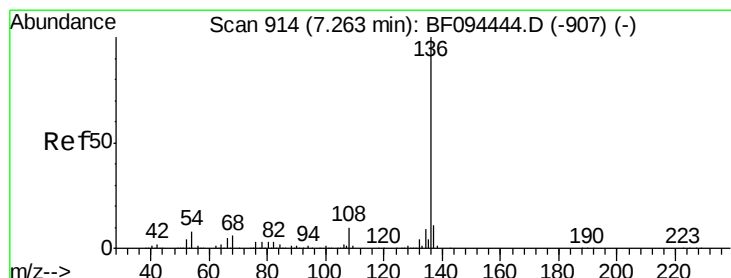
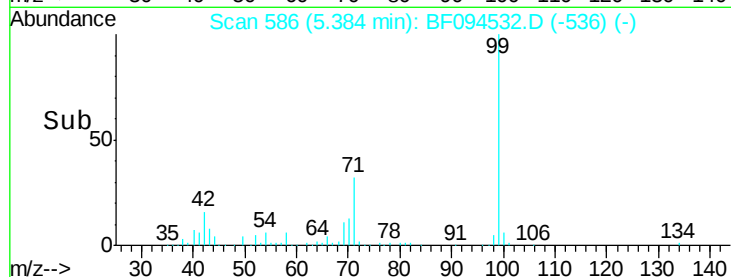
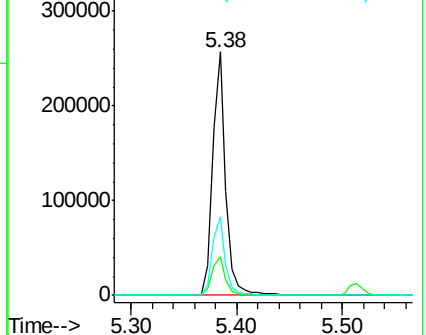
71 32.1 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

Tgt Ion: 136 Resp: 535821

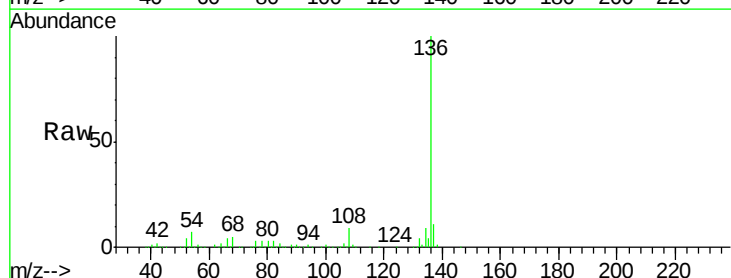
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 5.4 4.1 6.1

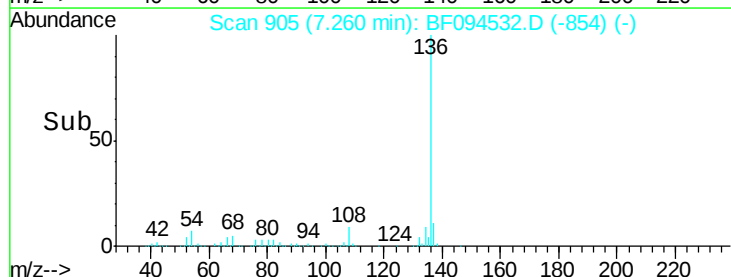
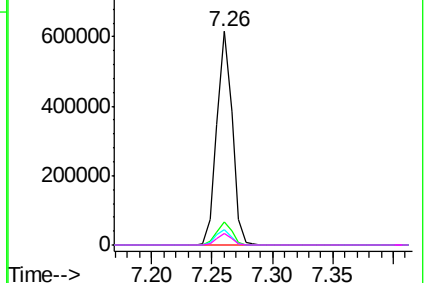


Abundance Ion 136.00 (135.70 to 136.70): E

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

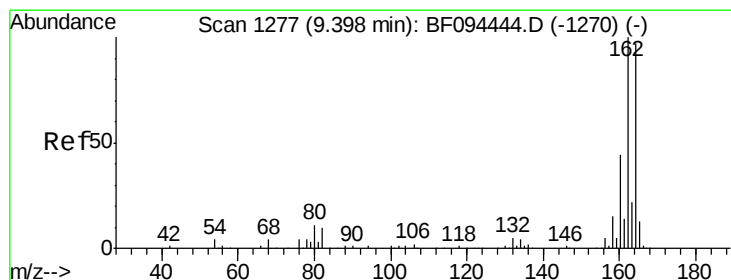
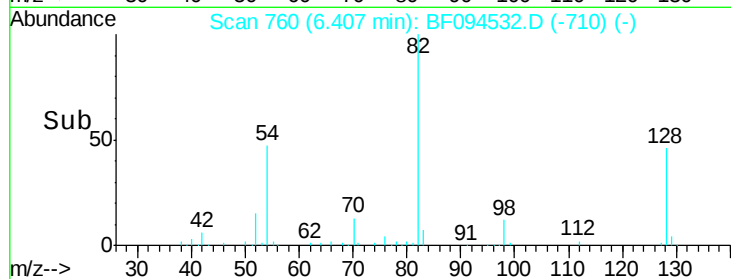
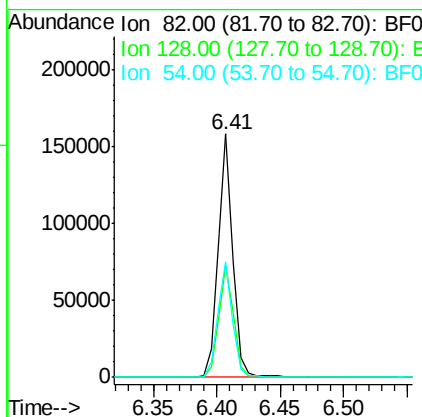
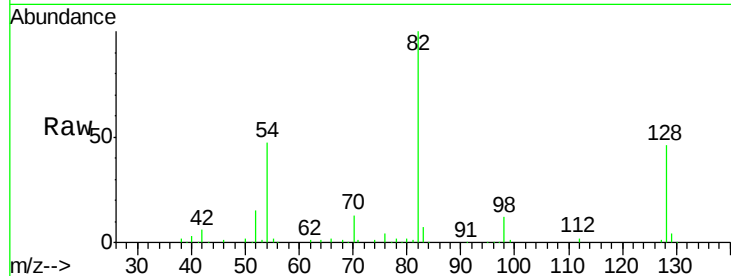




#23
 Nitrobenzene-d5
 Concen: 14.94 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094532.D
 Acq: 19 Apr 2017 22:49

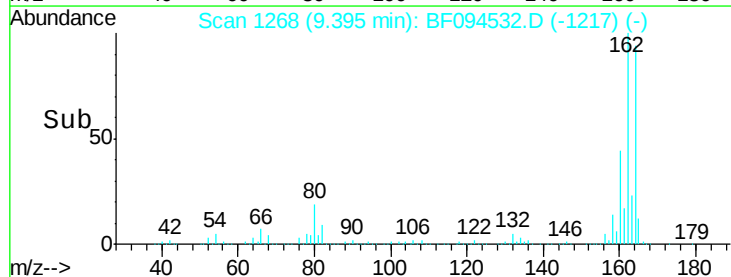
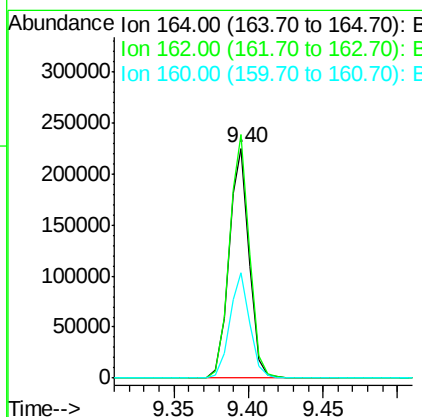
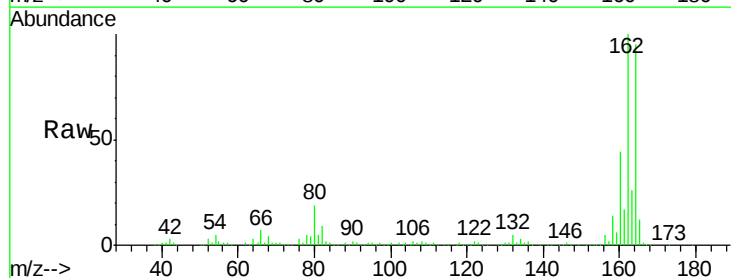
Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-NSW-02

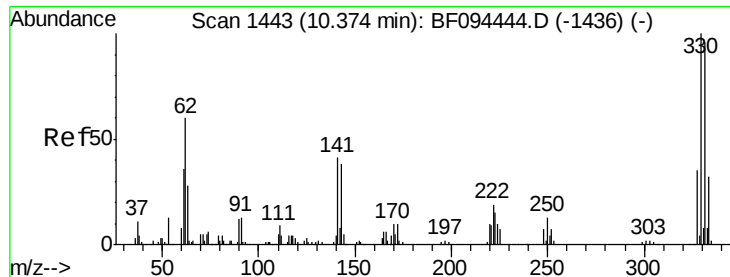
Tgt Ion: 82 Resp: 129661
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 47.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094532.D
 Acq: 19 Apr 2017 22:49

Tgt Ion: 164 Resp: 214197
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 46.1 36.2 54.2

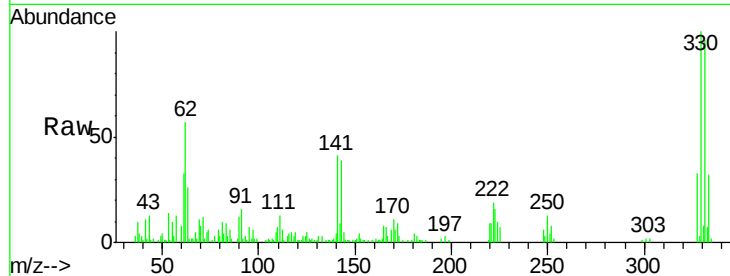




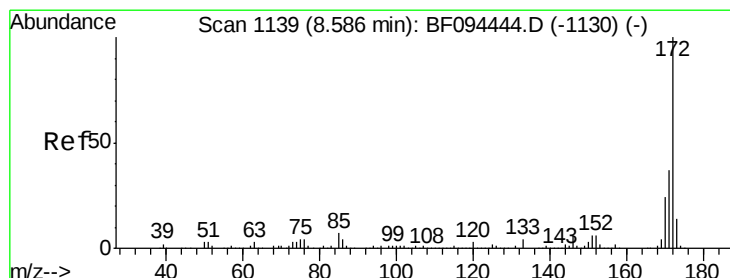
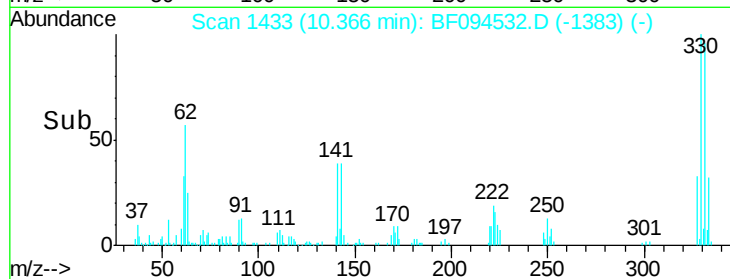
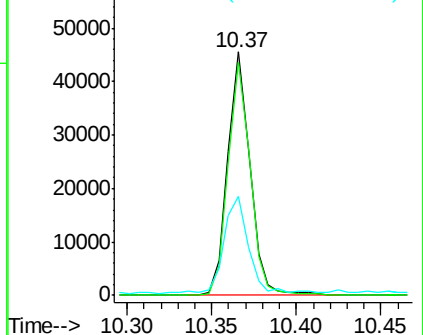
#41
 2,4,6-Tribromophenol
 Concen: 25.08 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094532.D
 Acq: 19 Apr 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-NSW-02

Tgt Ion: 330 Resp: 42017
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 44.5 31.4 47.2

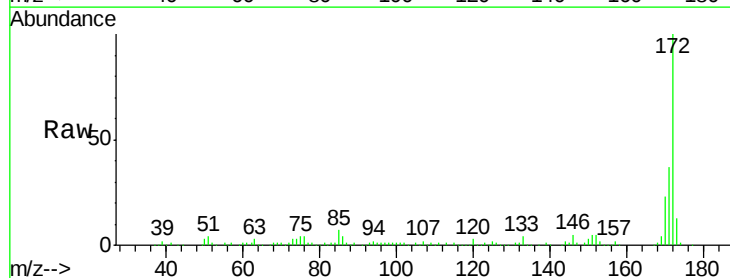


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

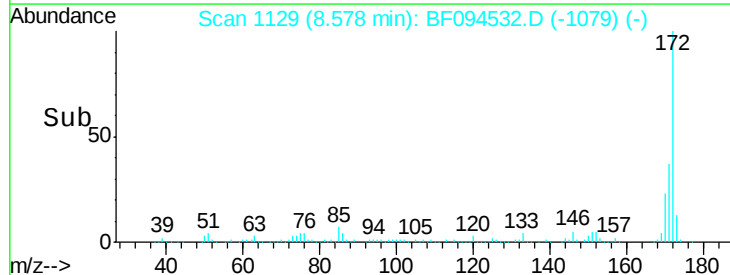
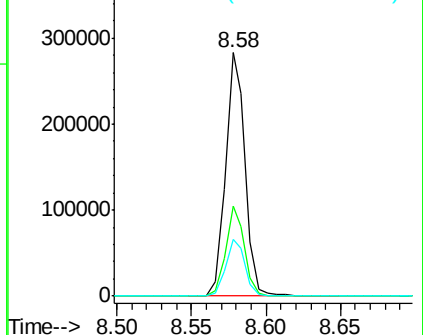


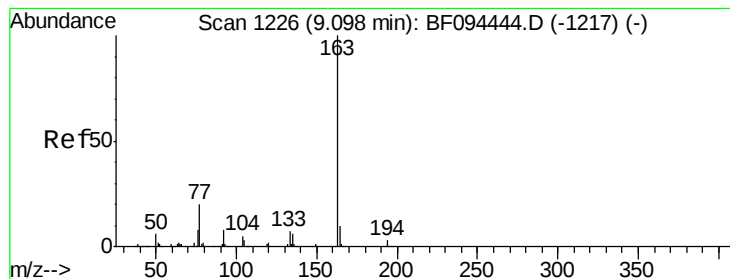
#44
 2-Fluorobiphenyl
 Concen: 17.96 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094532.D
 Acq: 19 Apr 2017 22:49

Tgt Ion: 172 Resp: 261510
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.0 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: 4.41 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-02

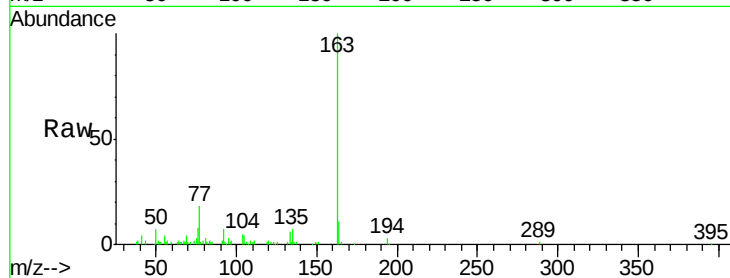
Tgt Ion:163 Resp: 70399

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

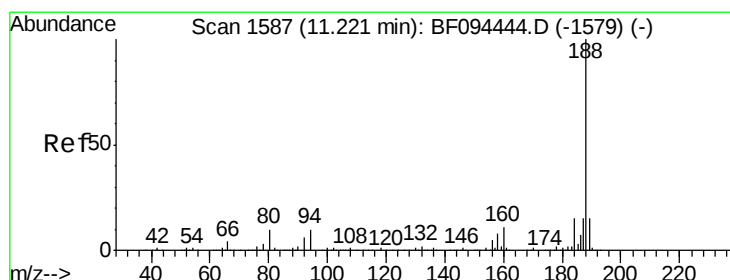
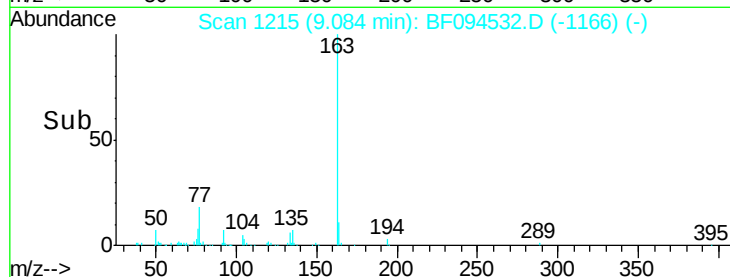
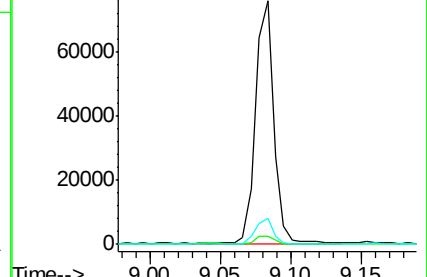
164 10.9 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

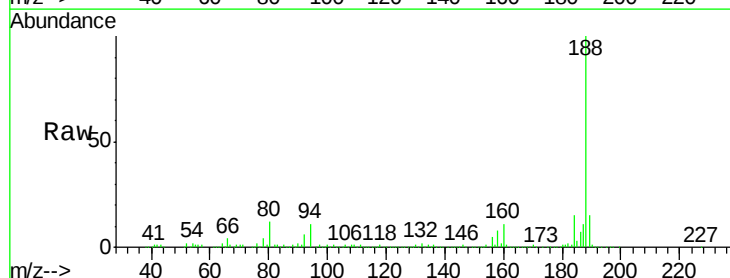
Tgt Ion:188 Resp: 404812

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

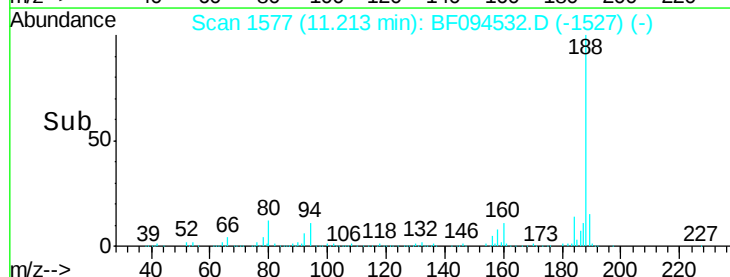
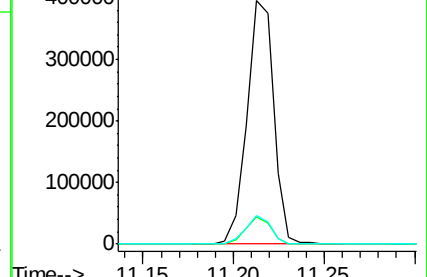
80 11.9 10.2 15.2

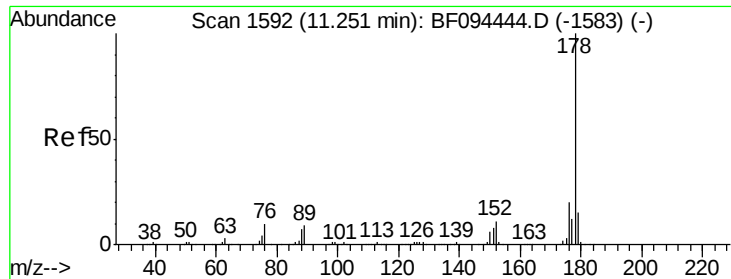


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.43 ng

RT: 11.24 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

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ClientSampleId :

E2-V6-NSW-02

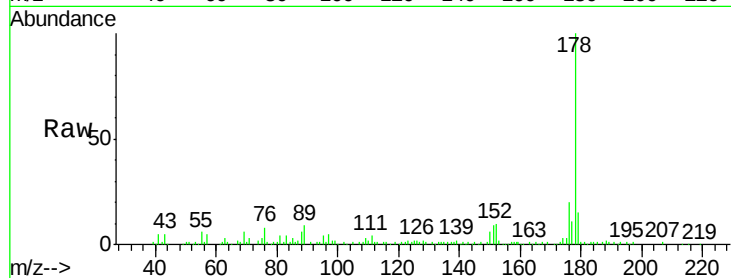
Tgt Ion:178 Resp: 78115

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

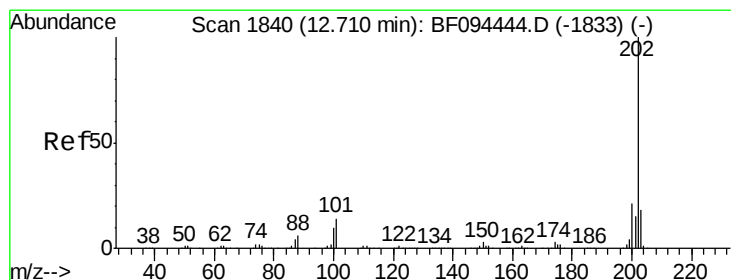
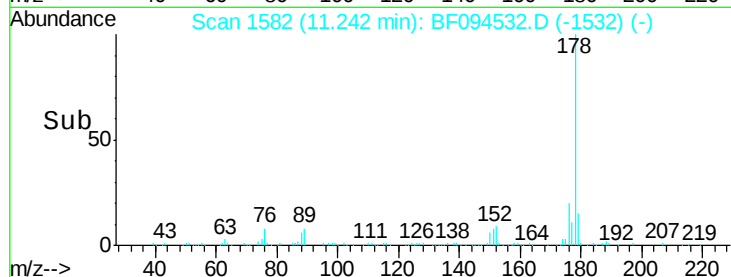
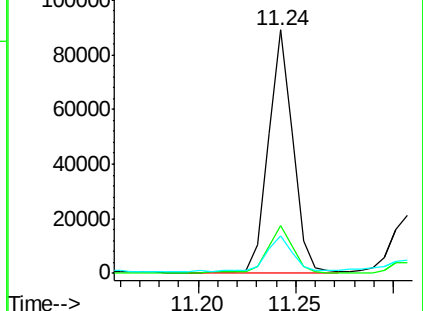
179 15.5 12.6 19.0



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: 4.13 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

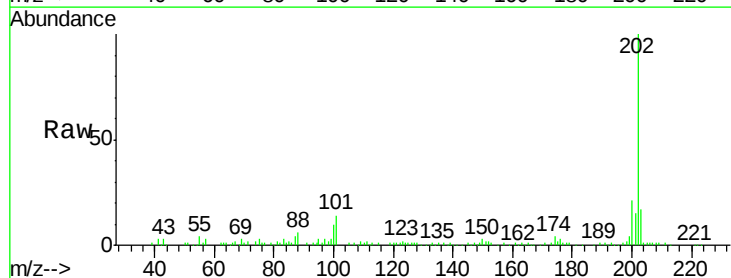
Tgt Ion:202 Resp: 97690

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

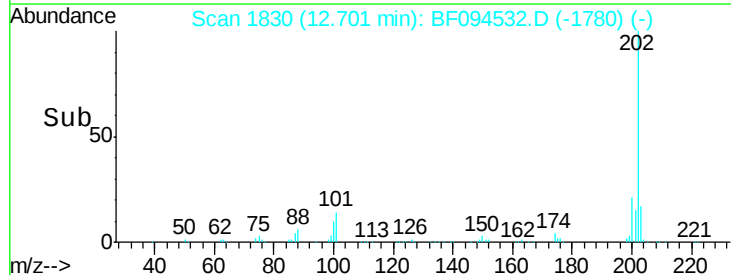
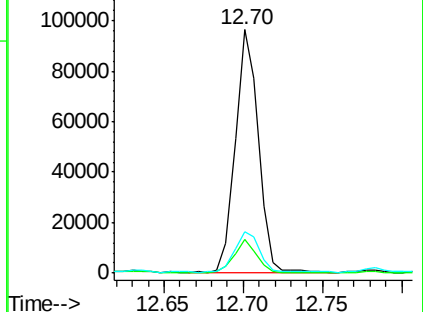
203 17.2 0.0 38.1

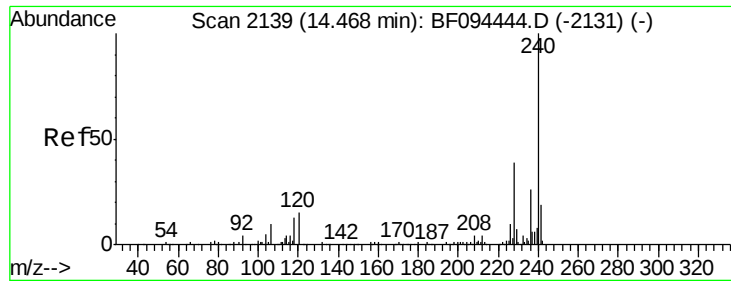


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF094532.D

Acq: 19 Apr 2017 22:49

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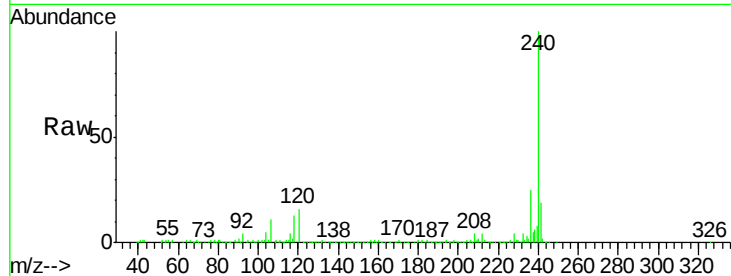
Tgt Ion:240 Resp: 293970

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

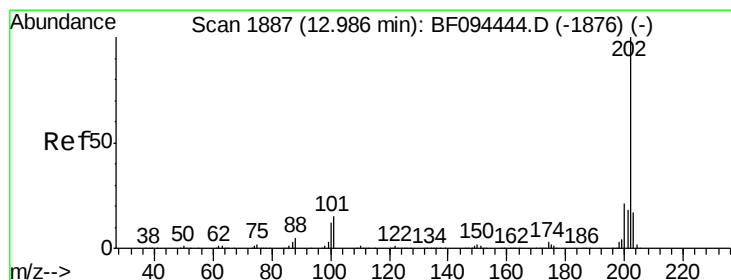
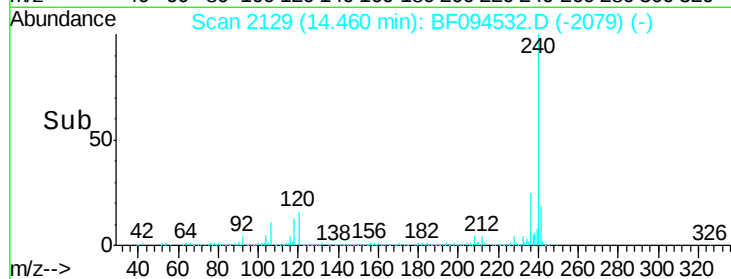
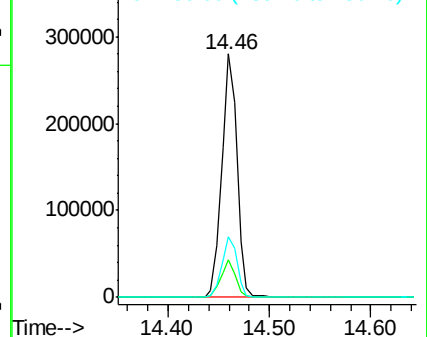
236 24.8 20.5 30.7



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



#77

Pyrene

Concen: 5.10 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

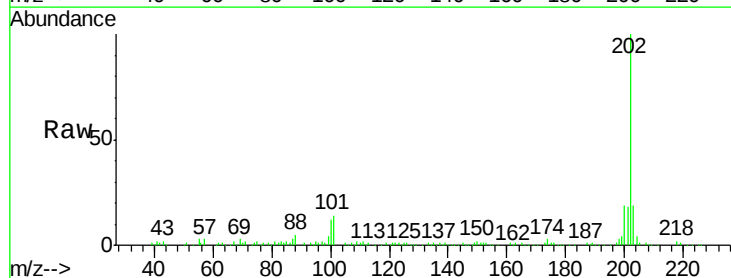
Tgt Ion:202 Resp: 104708

Ion Ratio Lower Upper

202 100

200 18.9 17.6 26.4

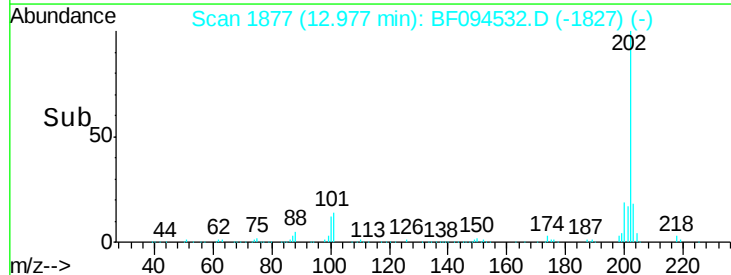
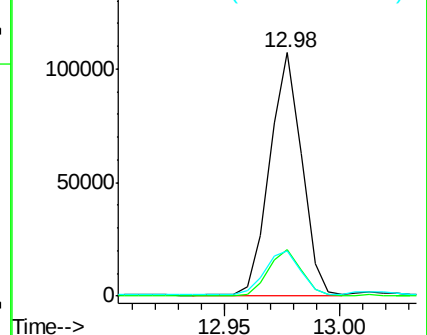
203 18.6 14.4 21.6

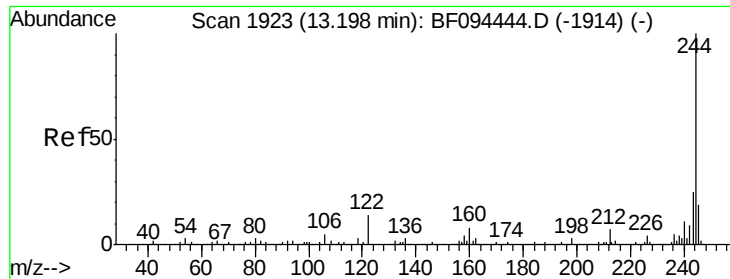


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

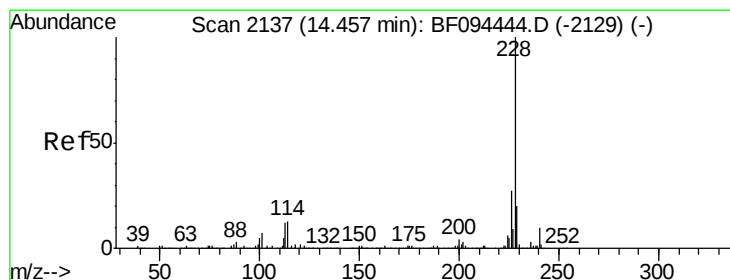
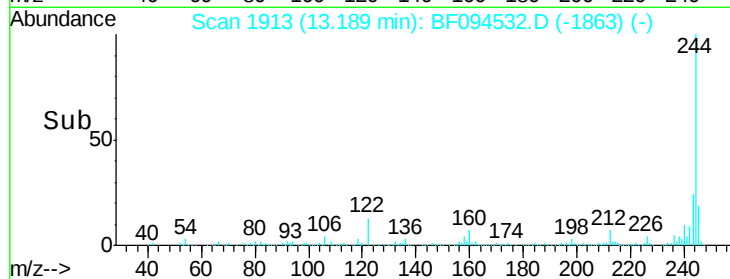
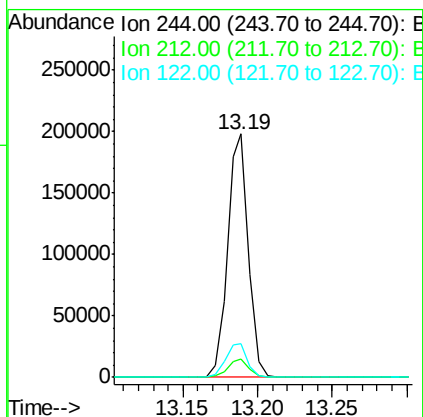
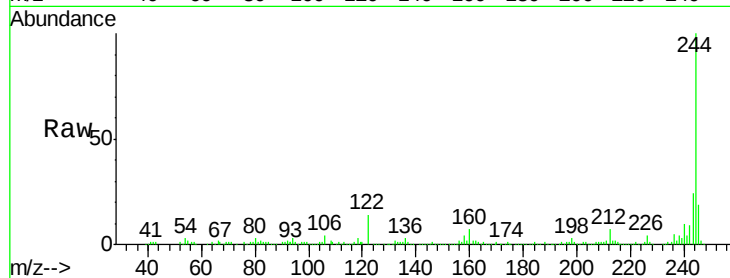




#78
 Terphenyl-d14
 Concen: 17.68 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094532.D
 Acq: 19 Apr 2017 22:49

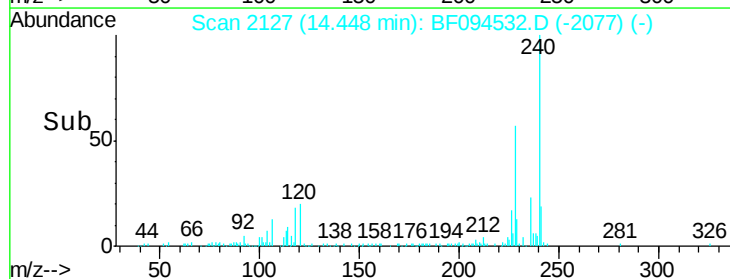
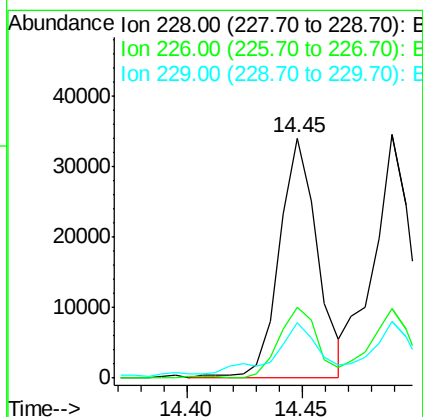
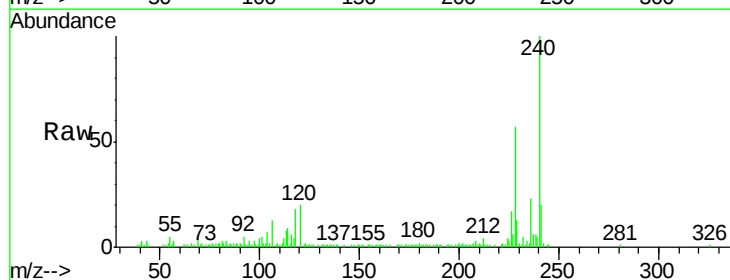
Instrument :
 BNA_F
 ClientSampleId :
 E2-V6-NSW-02

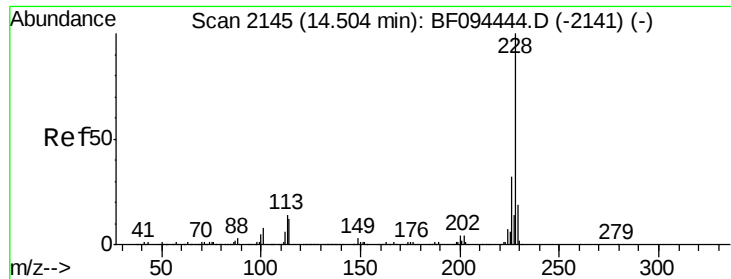
Tgt Ion:244 Resp: 194406
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.6 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 2.28 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BF094532.D
 Acq: 19 Apr 2017 22:49

Tgt Ion:228 Resp: 38980
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.6 33.8
 229 22.9 16.3 24.5

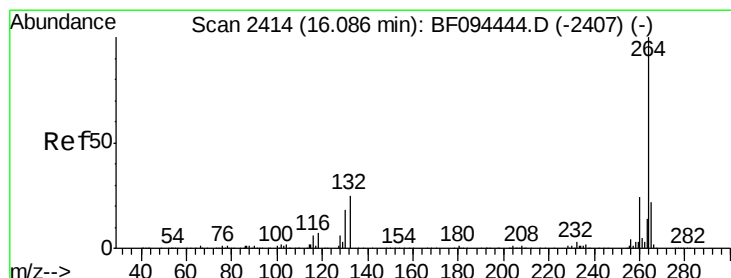
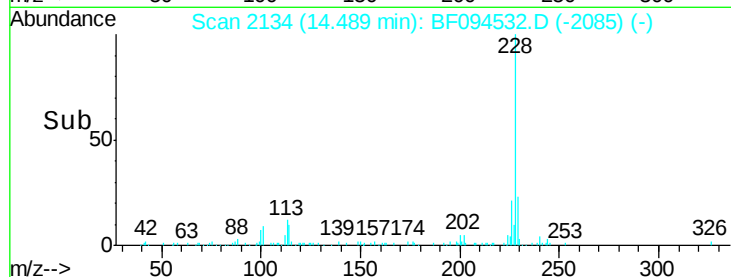
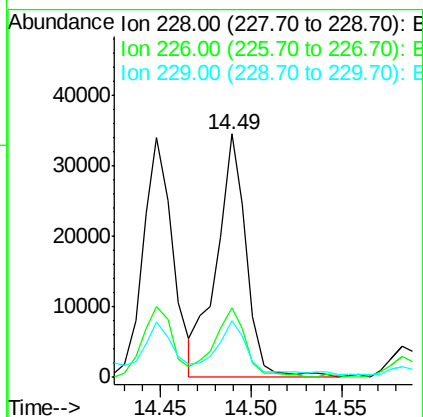
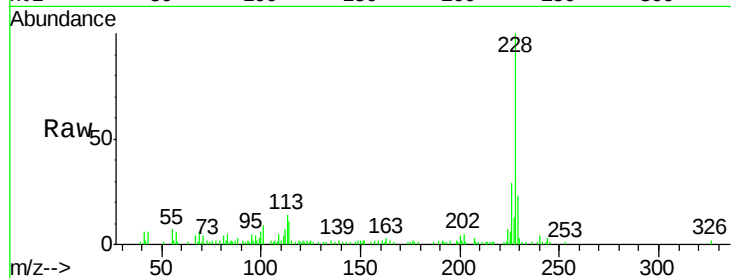




#82
Chrysene
Concen: 2.53 ng
RT: 14.49 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

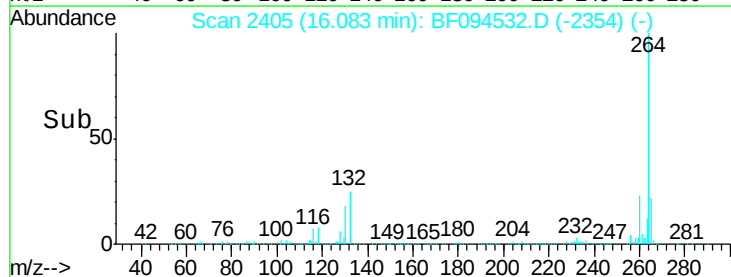
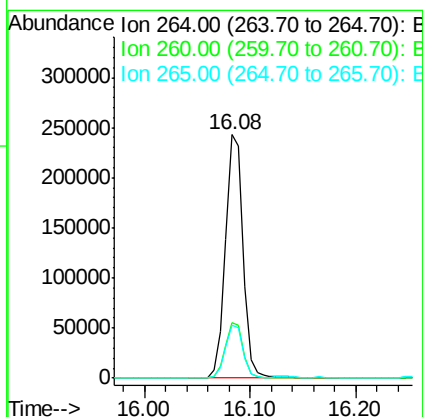
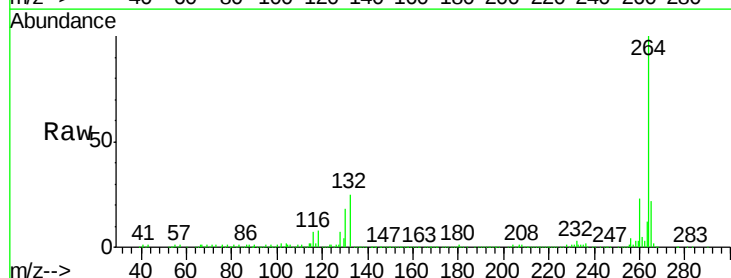
Instrument :
BNA_F
ClientSampleId :
E2-V6-NSW-02

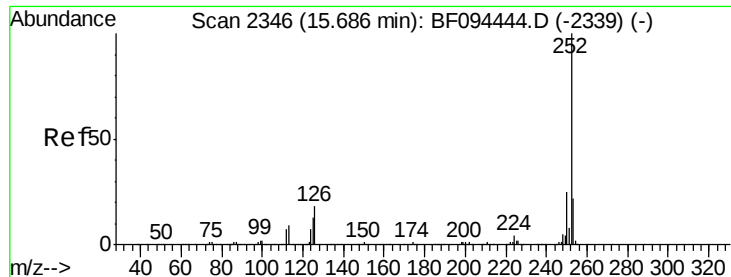
Tgt Ion: 228 Resp: 39508
Ion Ratio Lower Upper
228 100
226 28.7 24.9 37.3
229 23.5 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094532.D
Acq: 19 Apr 2017 22:49

Tgt Ion: 264 Resp: 282003
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.59 ng m

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

Instrument :

BNA_F

ClientSampleId :

E2-V6-NSW-02

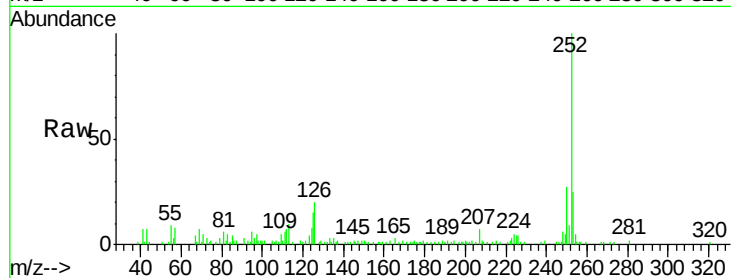
Tgt Ion:252 Resp: 44691

Ion Ratio Lower Upper

252 100

253 24.8 18.1 27.1

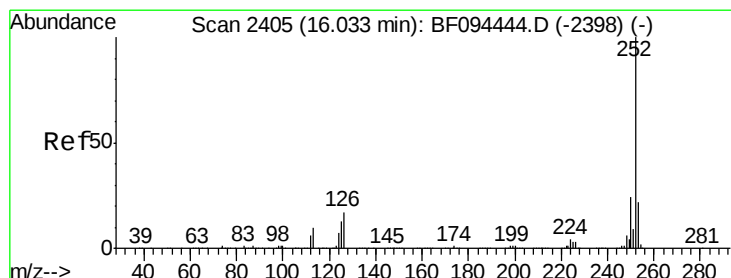
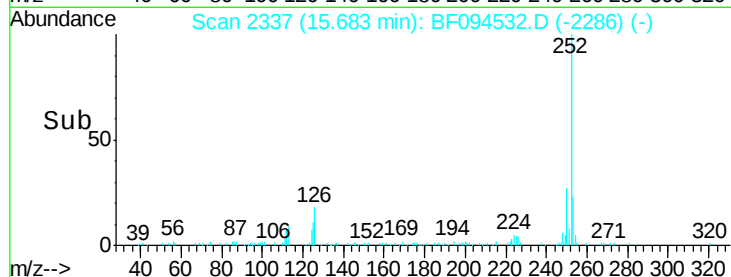
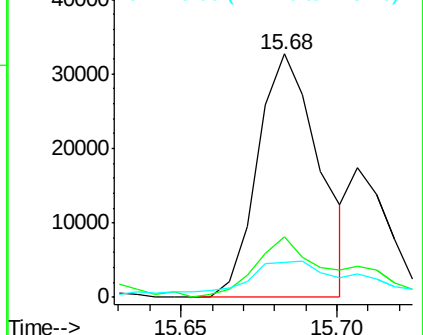
125 14.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.27 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094532.D

Acq: 19 Apr 2017 22:49

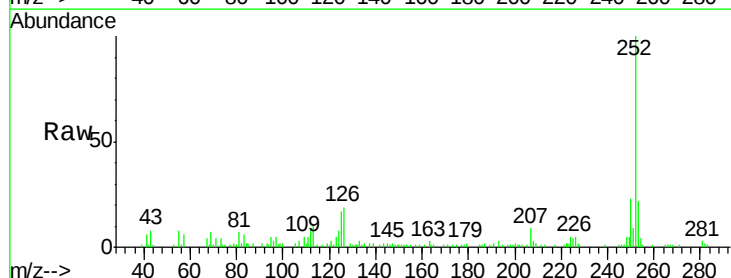
Tgt Ion:252 Resp: 36397

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 16.9 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

