

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091895.D
 Acq On : 22 Dec 2016 19:26
 Operator : UM/SJ
 Sample : H6068-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Dec 23 03:59:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

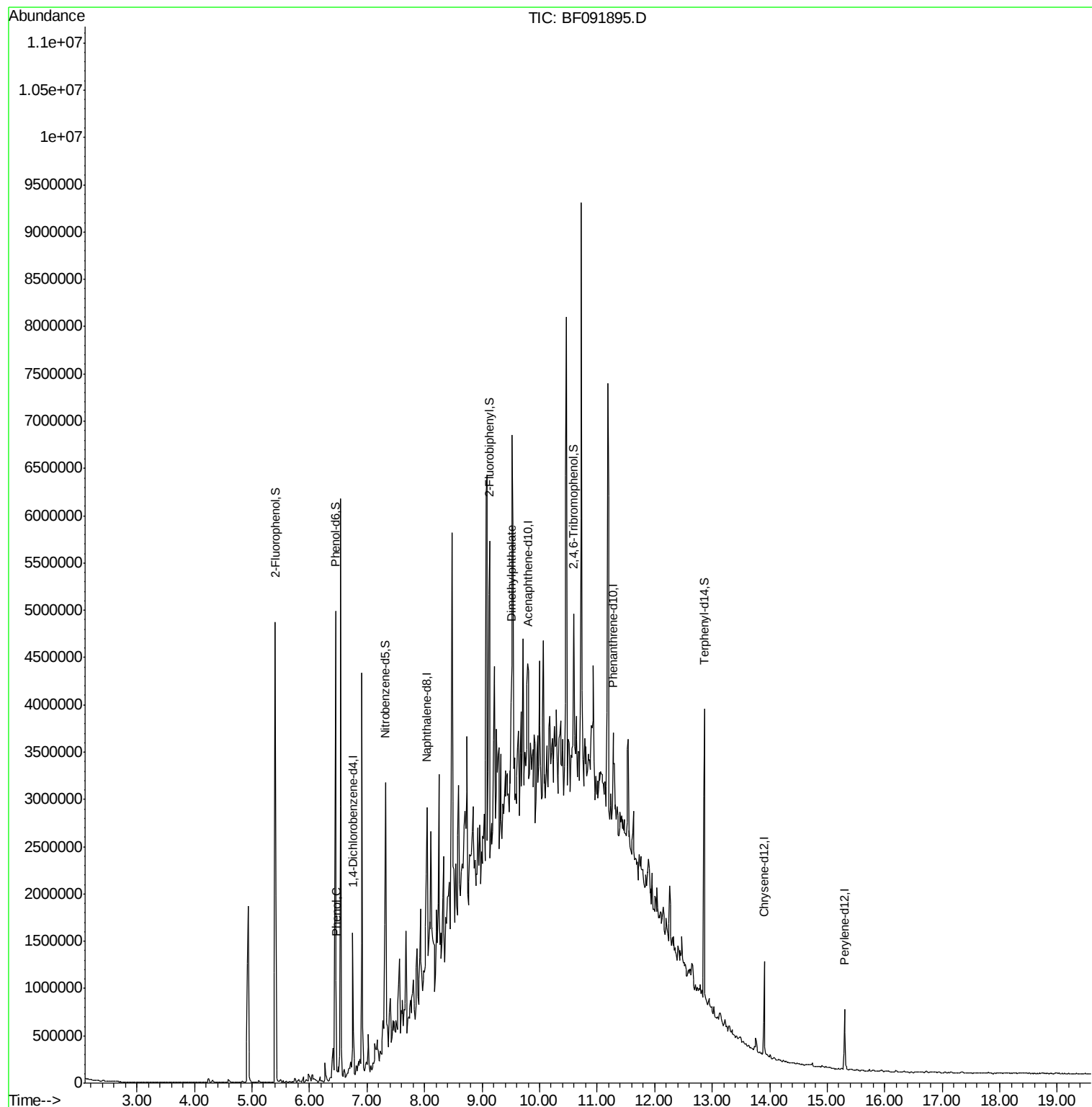
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	218288	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	703821	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	287853	20.00	ng	0.01
63) Phenanthrene-d10	11.28	188	404073	20.00	ng	0.01
75) Chrysene-d12	13.91	240	363819	20.00	ng	0.00
86) Perylene-d12	15.30	264	316283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1611534	123.27	ng	0.06
7) Phenol-d6	6.45	99	2062094	129.19	ng	0.05
23) Nitrobenzene-d5	7.32	82	1112060	87.86	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	257488	108.09	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1827108	138.11	ng	0.01
78) Terphenyl-d14	12.87	244	1232481	82.16	ng	0.01
Target Compounds						
10) Phenol	6.46	94	110440	6.07	ng	79
49) Dimethylphthalate	9.52	163	176987	9.61	ng	# 95

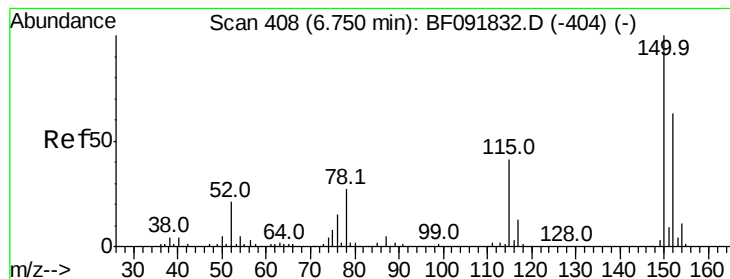
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Instrument :

BNA_F

ClientSampleId :

B-4

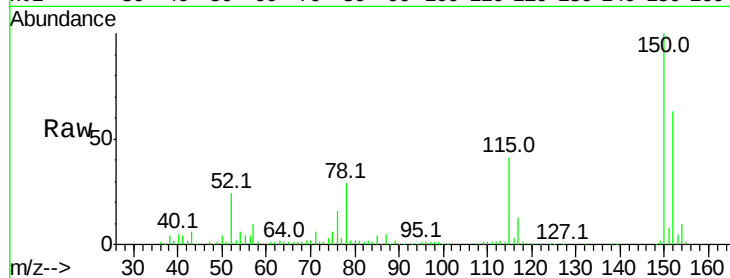
Tot Ion:152 Resp: 218288

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

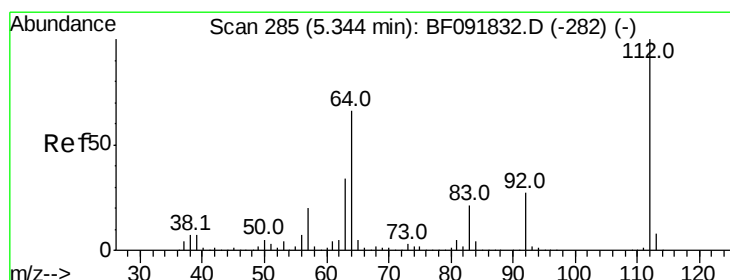
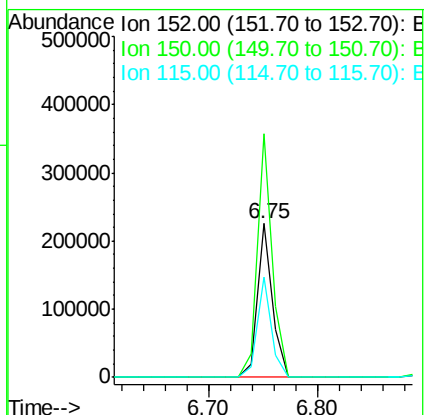
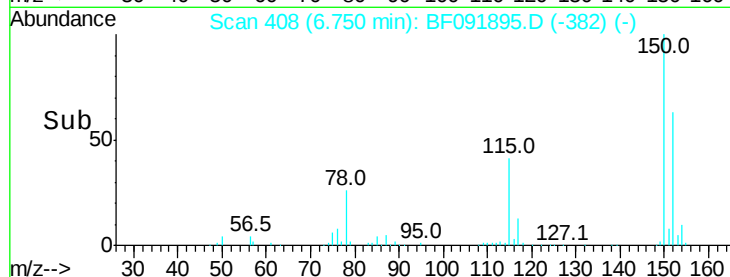
115 65.5 46.0 69.0



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: 123.27 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.06 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

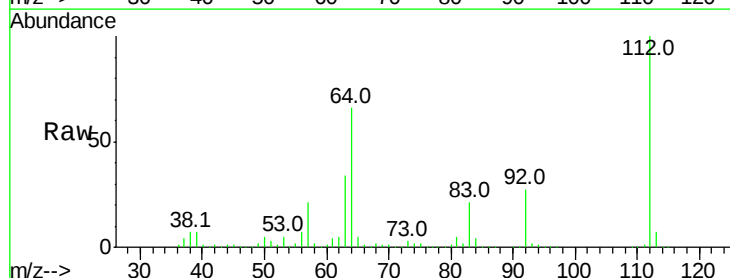
Tgt Ion:112 Resp: 1611534

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

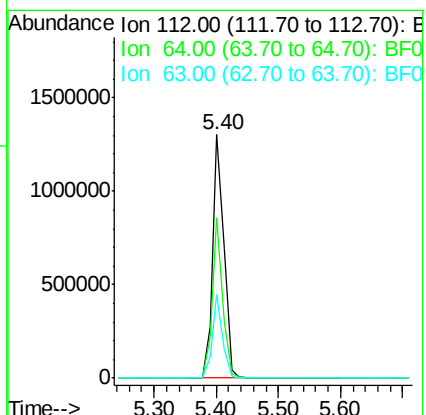
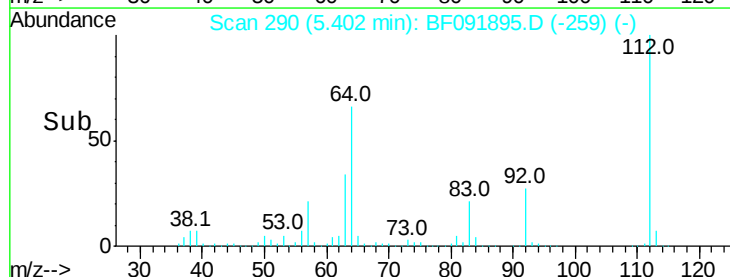
63 34.5 23.8 35.6



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: 129.19 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Instrument :

BNA_F

ClientSampleId :

B-4

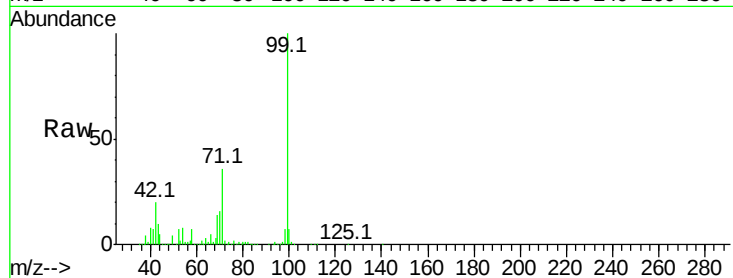
Tot Ion: 99 Resp: 2062094

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

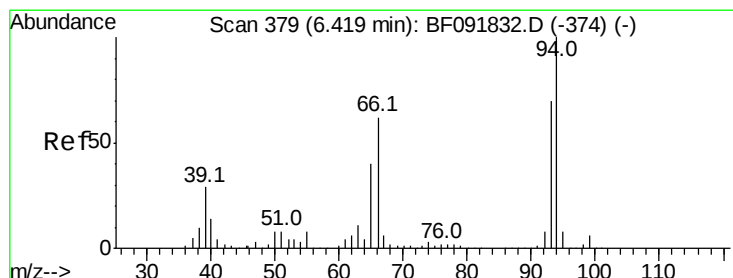
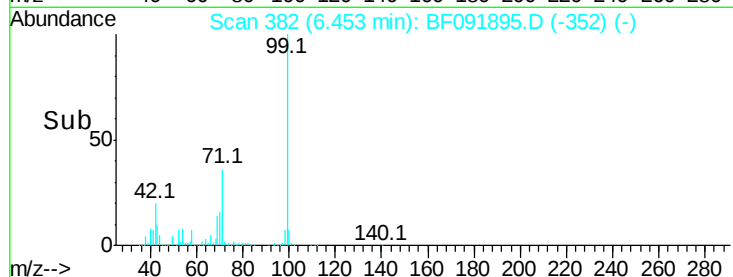
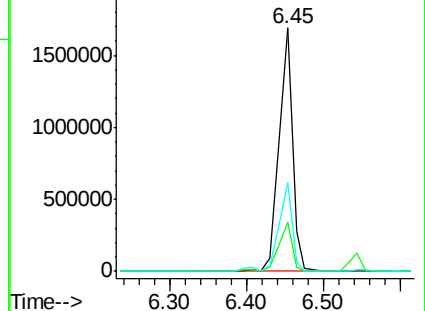
71 36.4 27.5 41.3



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: 6.07 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.05 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

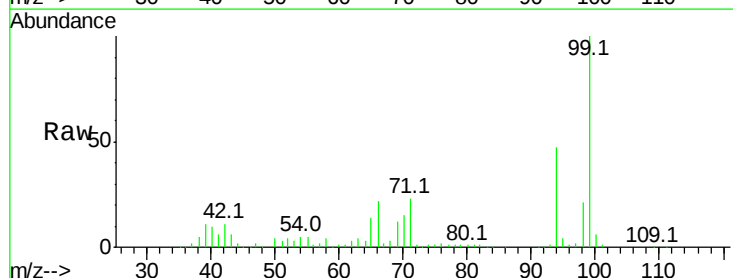
Tgt Ion: 94 Resp: 110440

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

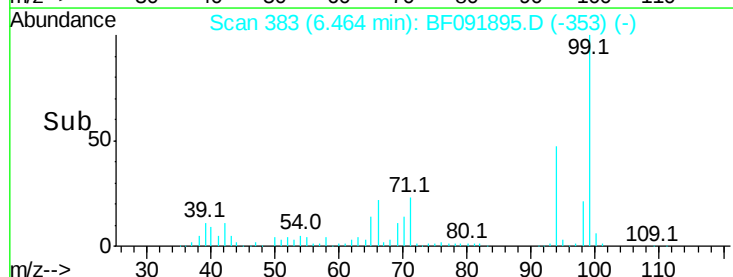
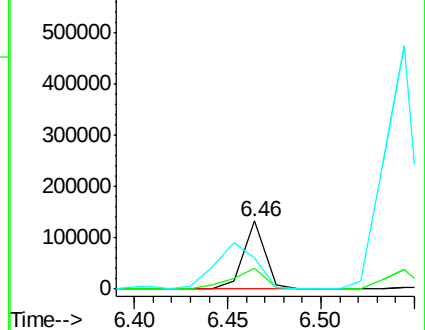
66 46.1 44.0 84.0

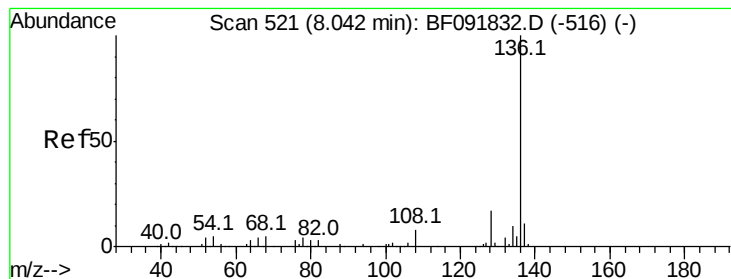


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Instrument :

BNA_F

ClientSampled :

B-4

Tot Ion:136 Resp: 703821

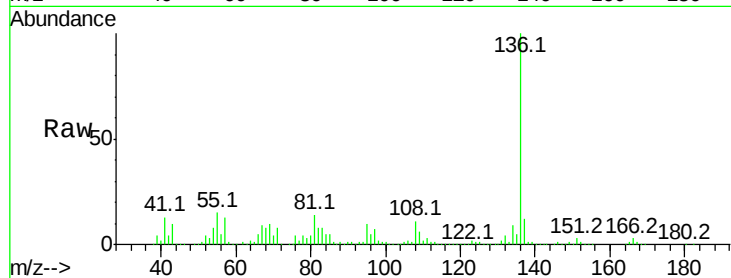
Ion Ratio Lower Upper

136 100

137 12.2 8.4 12.6

54 8.5 4.5 6.7#

68 7.6 3.6 5.4#

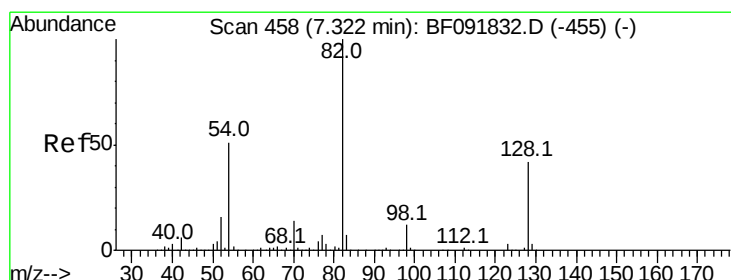
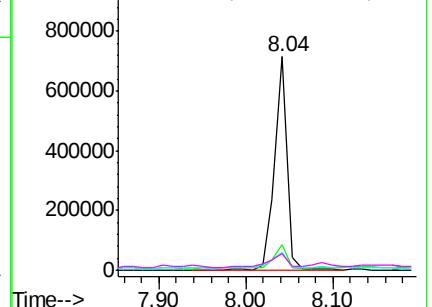
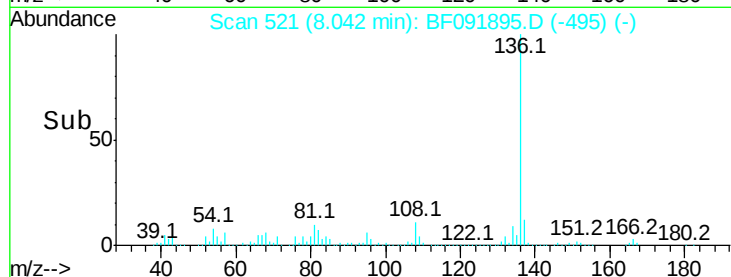


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.86 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

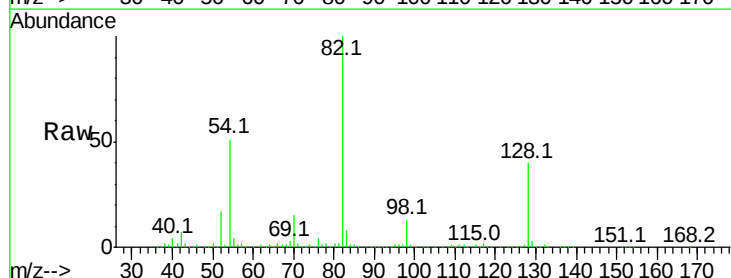
Tgt Ion: 82 Resp: 1112060

Ion Ratio Lower Upper

82 100

128 39.9 34.6 52.0

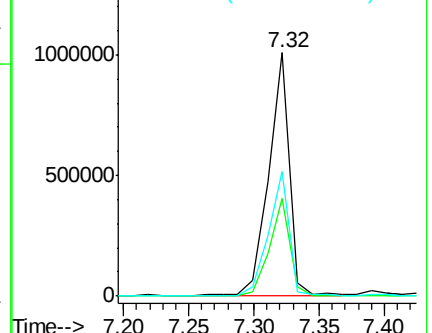
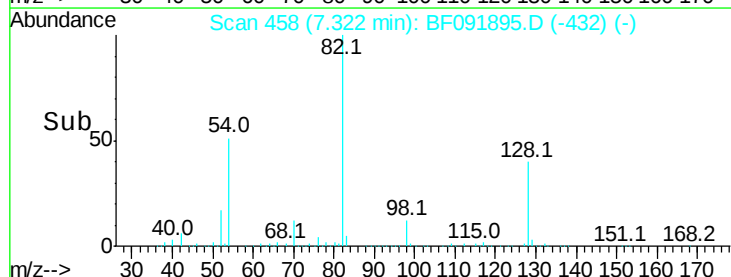
54 51.2 39.5 59.3

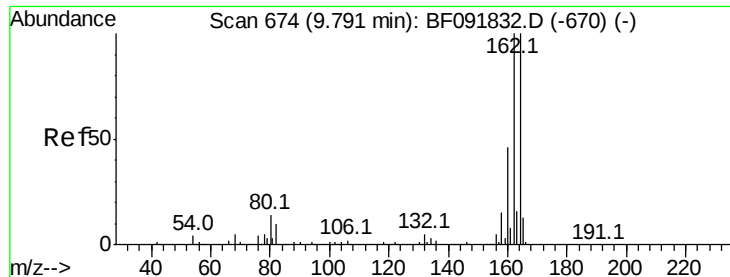


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.80 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Instrument :

BNA_F

ClientSampleId :

B-4

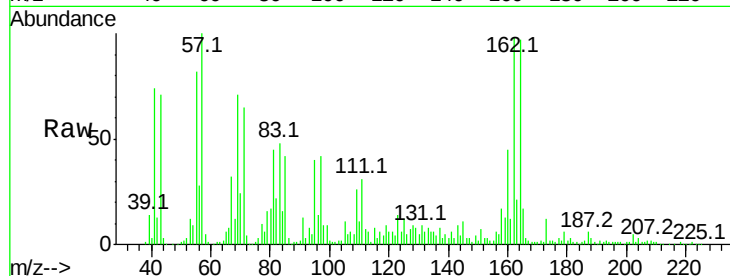
Tot Ion:164 Resp: 287853

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

160 46.3 36.9 55.3

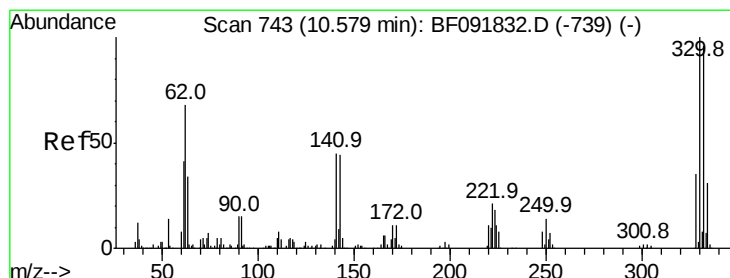
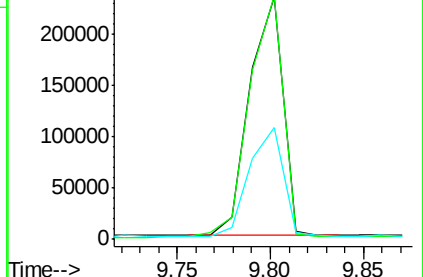
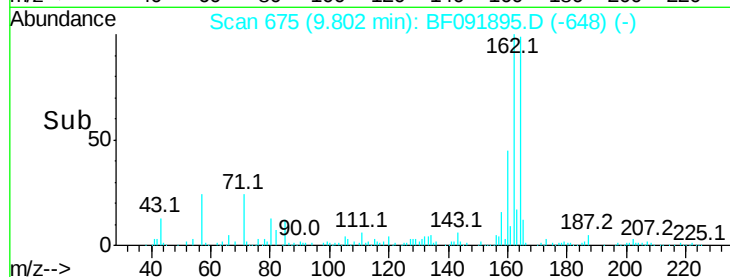


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 108.09 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

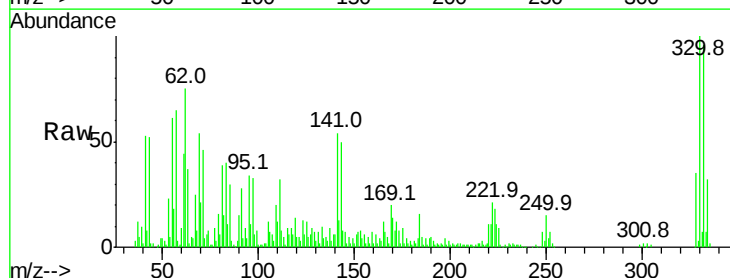
Tgt Ion:330 Resp: 257488

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 47.1 34.1 51.1

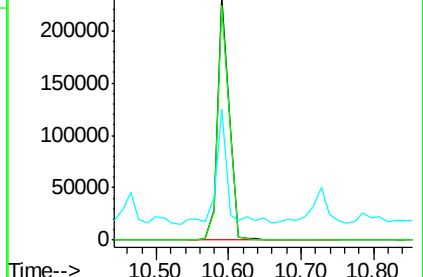
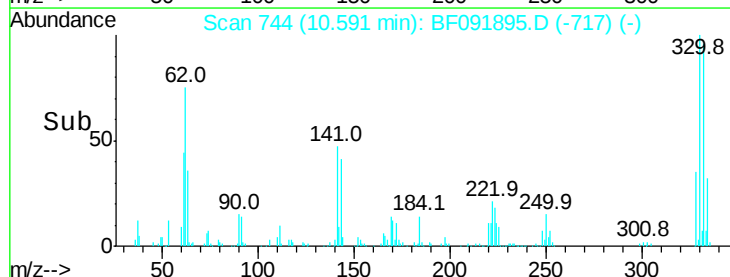


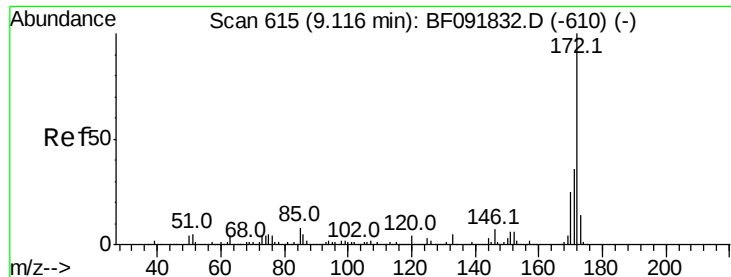
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#44

2-Fluorobiphenyl

Concen: 138.11 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.01 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Instrument :

BNA_F

ClientSampleId :

B-4

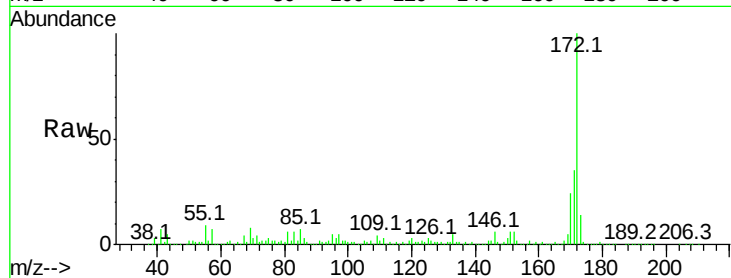
Tot Ion:172 Resp: 1827108

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

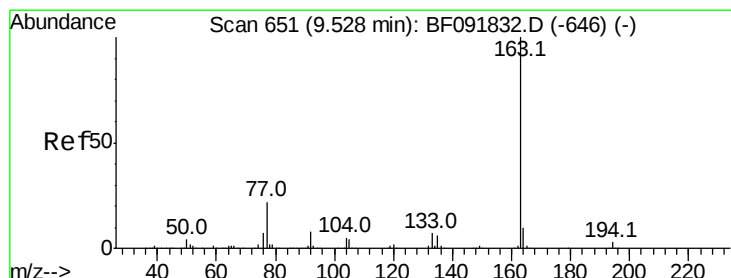
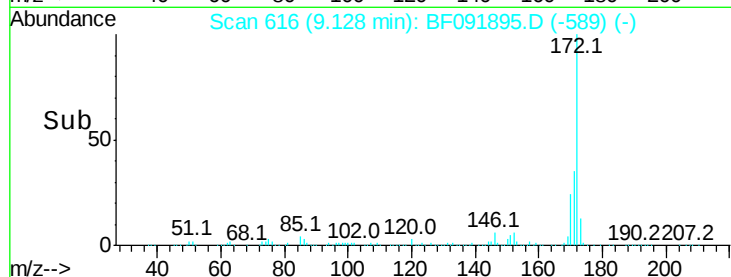
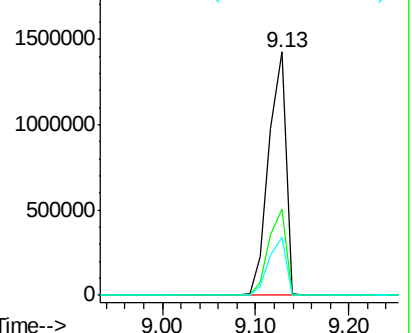
170 23.9 20.2 30.4



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: 9.61 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

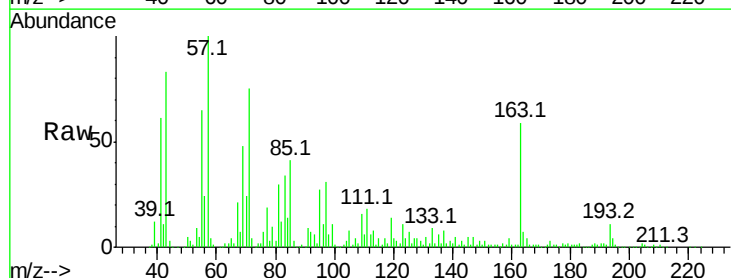
Tgt Ion:163 Resp: 176987

Ion Ratio Lower Upper

163 100

194 7.6 3.0 4.4#

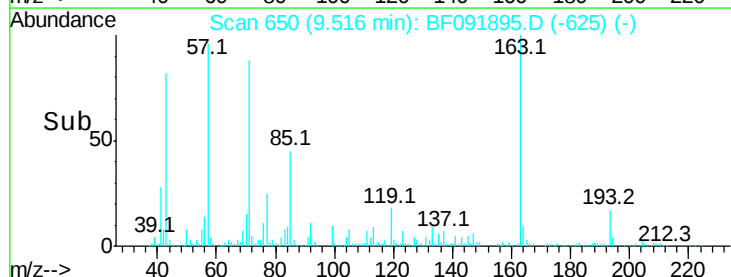
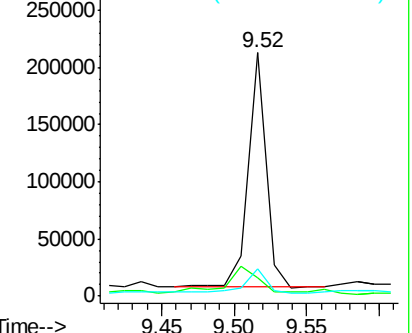
164 11.1 8.0 12.0

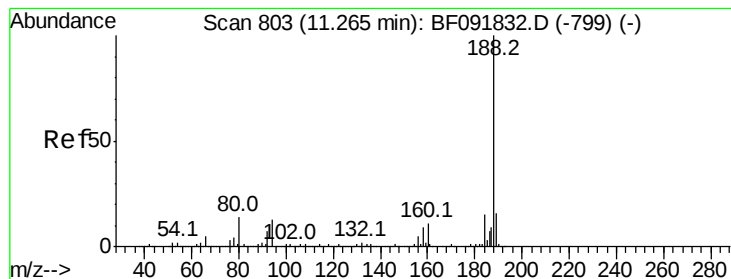


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Instrument :

BNA_F

ClientSampled :

B-4

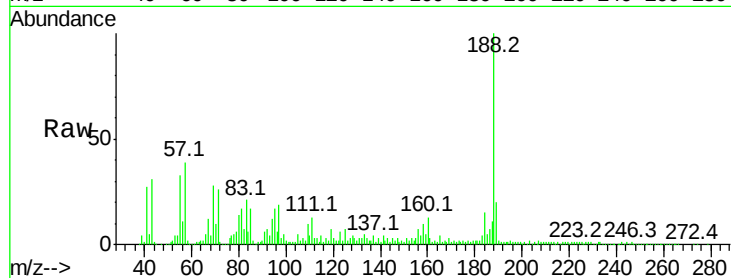
Tot Ion:188 Resp: 404073

Ion Ratio Lower Upper

188 100

94 12.3 10.0 15.0

80 13.8 11.2 16.8

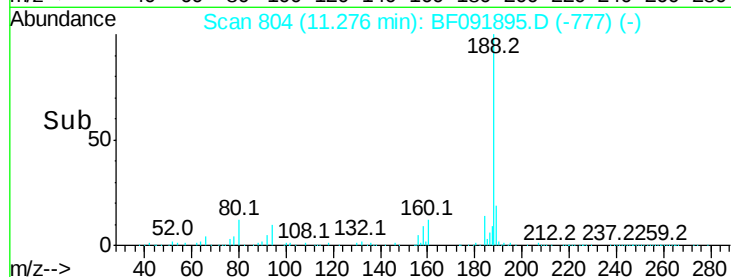


Abundance Ion 188.00 (187.70 to 188.70): E

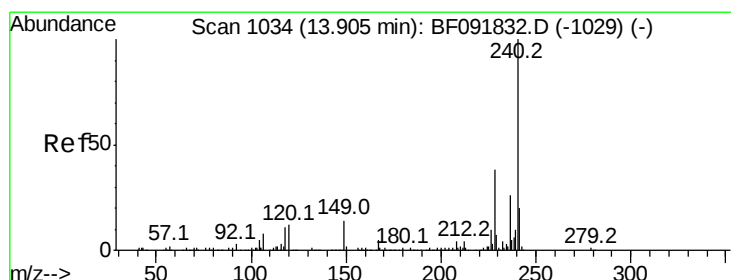
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

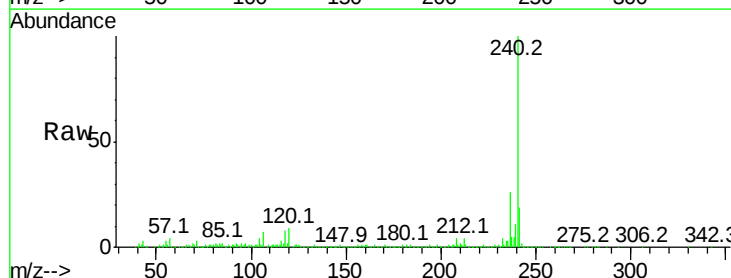
Tgt Ion:240 Resp: 363819

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

236 25.7 20.9 31.3

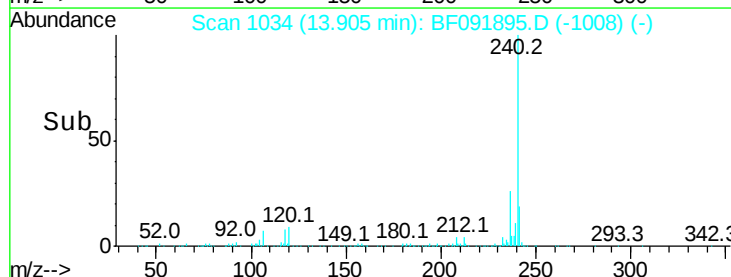


Abundance Ion 240.00 (239.70 to 240.70): E

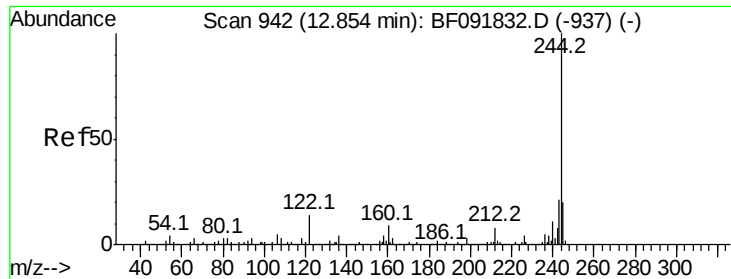
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 82.16 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Instrument :
BNA_F
ClientSampled :
B-4

Tot Ion:244 Resp: 1232481

Ion Ratio Lower Upper

244 100

212 7.2

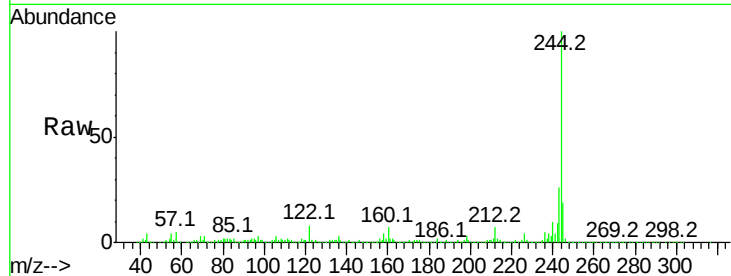
6.2

9.2

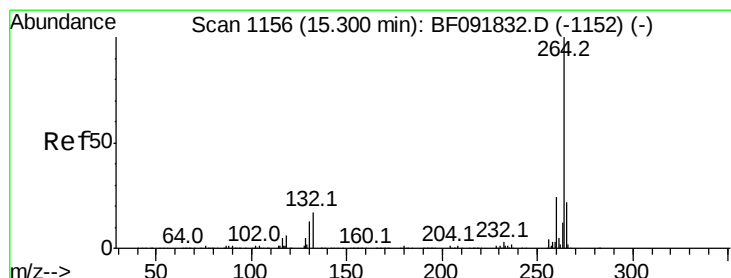
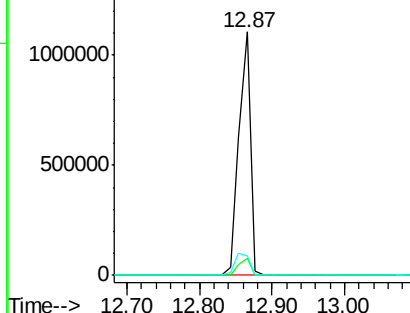
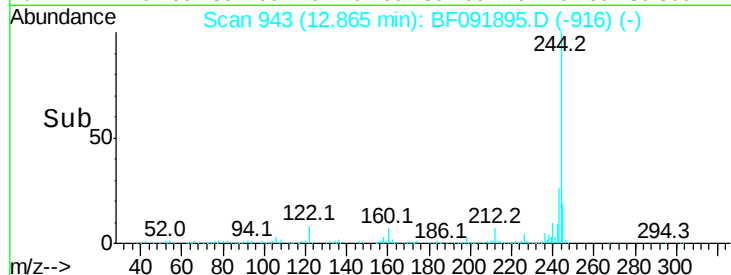
122 8.1

11.4

17.2#



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: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF091895.D

Acq: 22 Dec 2016 19:26

Tgt Ion:264 Resp: 316283

Ion Ratio Lower Upper

264 100

260 23.6

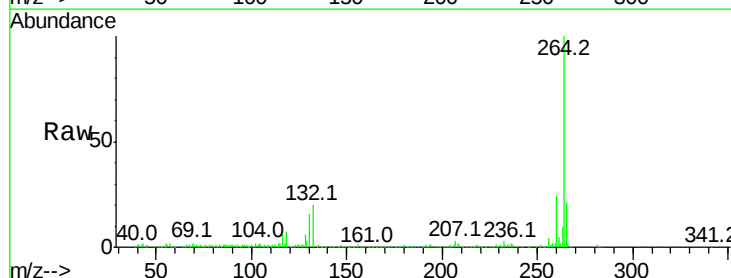
19.2

28.8

265 20.6

17.4

26.0



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

