

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082895.D
 Acq On : 13 Nov 2015 14:08
 Operator : UM/IZ
 Sample : PB86628BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BL

Quant Time: Nov 13 22:28:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	252859	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1053566	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	513242	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	1059571	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	1040456	20.00	ng	-0.06
86) Perylene-d12	15.39	264	911175	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1401186	86.22	ng	-0.05
7) Phenol-d6	6.44	99	2108774	97.61	ng	-0.03
23) Nitrobenzene-d5	7.36	82	1231698	50.87	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	482613	82.01	ng	-0.06
44) 2-Fluorobiphenyl	9.17	172	2031685	56.74	ng	-0.05
78) Terphenyl-d14	12.91	244	2260574	51.53	ng	-0.06

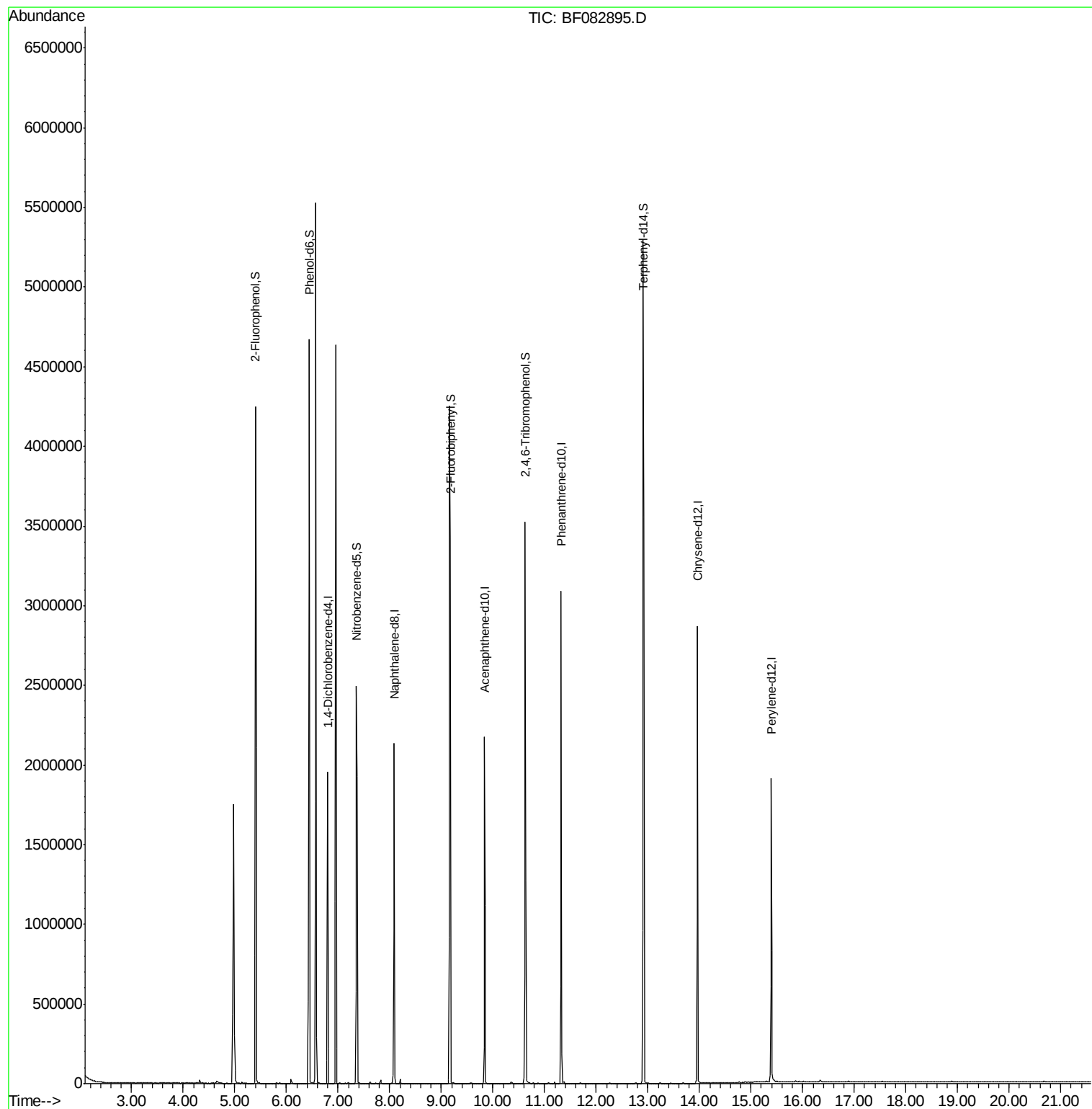
Target Compounds	Qvalue
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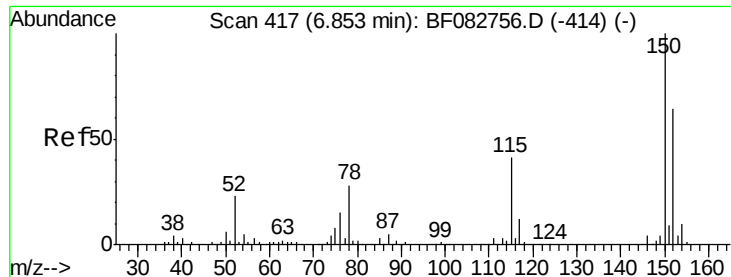
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86628BL

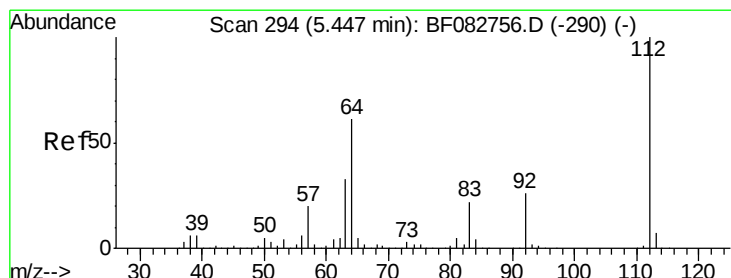
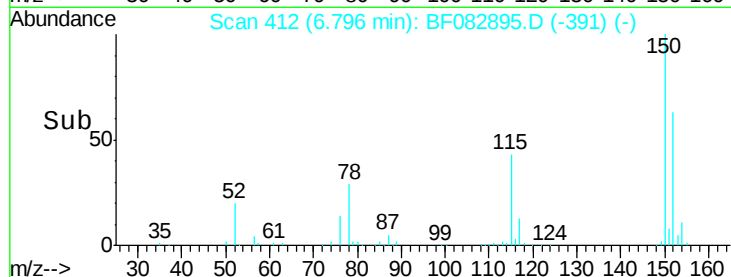
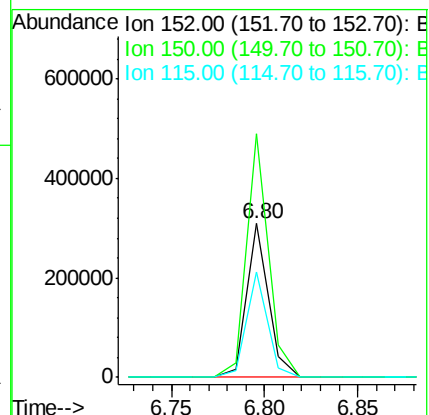
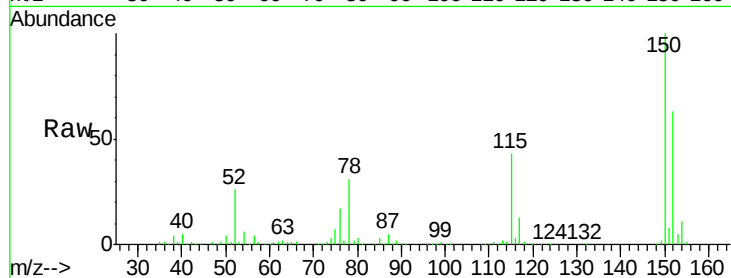
Tgt Ion:152 Resp: 252859

Ion Ratio Lower Upper

152 100

150 158.4 127.0 190.4

115 68.2 47.0 70.6



#5

2-Fluorophenol

Concen: 86.22 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

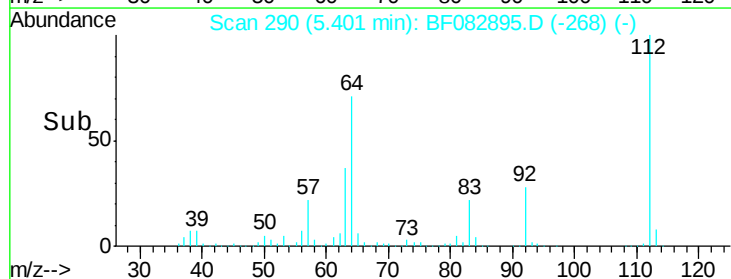
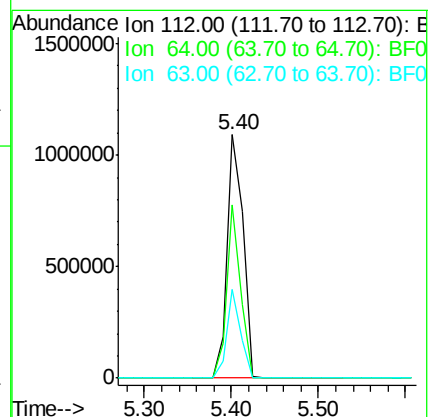
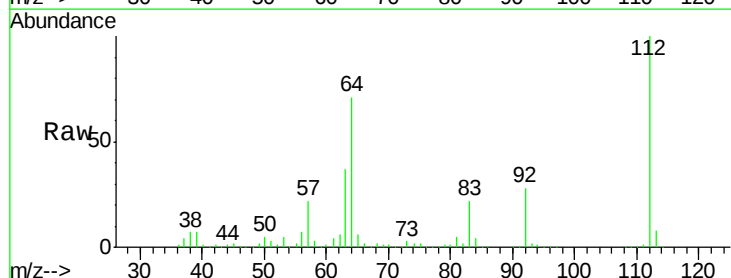
Tgt Ion:112 Resp: 1401186

Ion Ratio Lower Upper

112 100

64 71.3 48.9 73.3

63 36.6 28.1 42.1





#7

Phenol-d6

Concen: 97.61 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86628BL

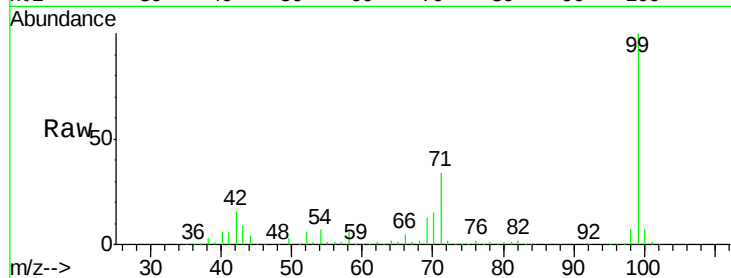
Tgt Ion: 99 Resp: 2108774

Ion Ratio Lower Upper

99 100

42 16.4 19.2 28.8#

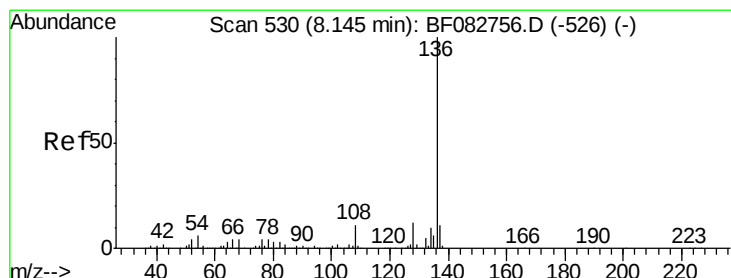
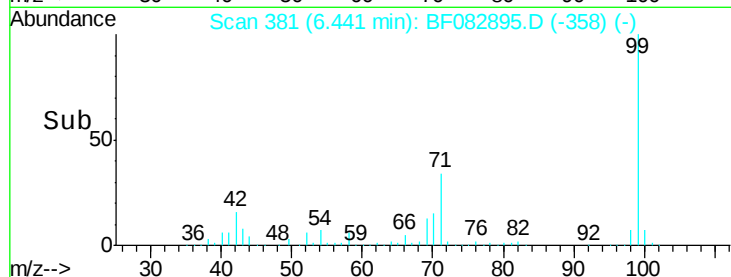
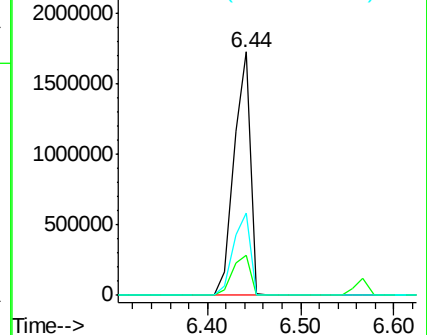
71 33.8 35.0 52.4#



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

Tgt Ion: 136 Resp: 1053566

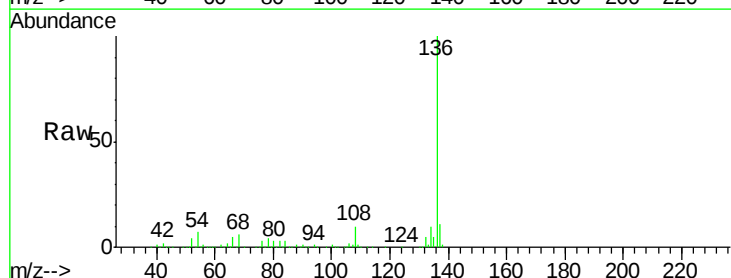
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.4 9.1 13.7#

68 5.5 4.8 7.2

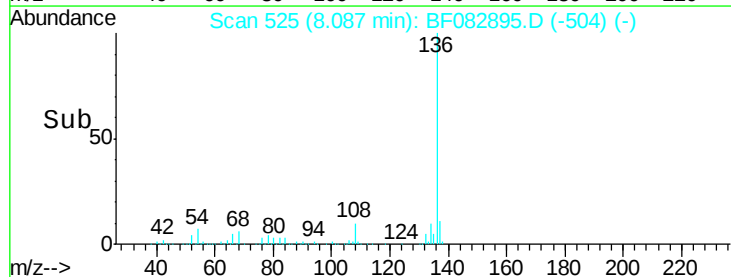
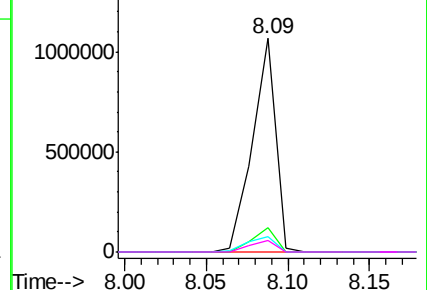


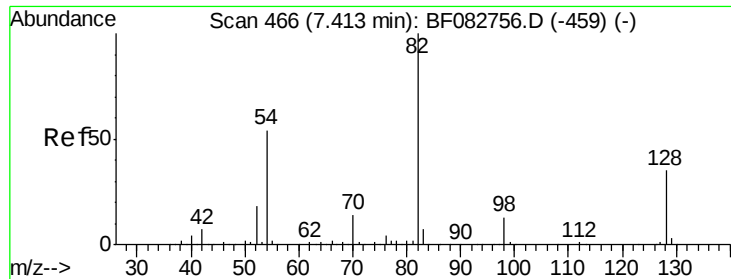
Abundance Ion 136.00 (135.70 to 136.70): E

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

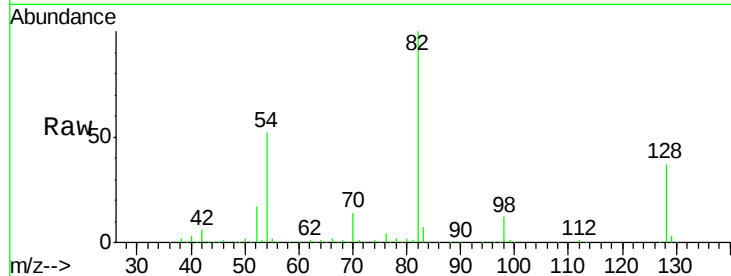




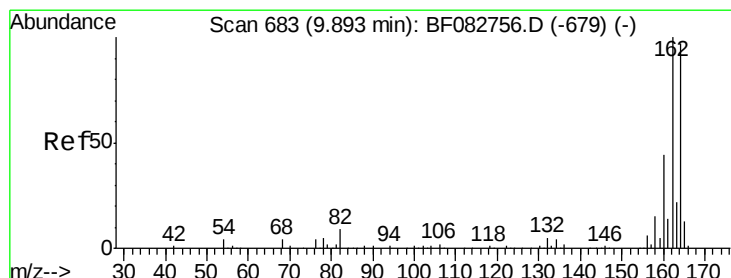
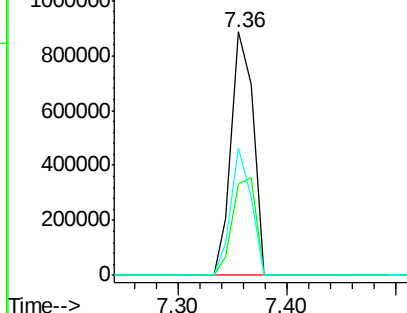
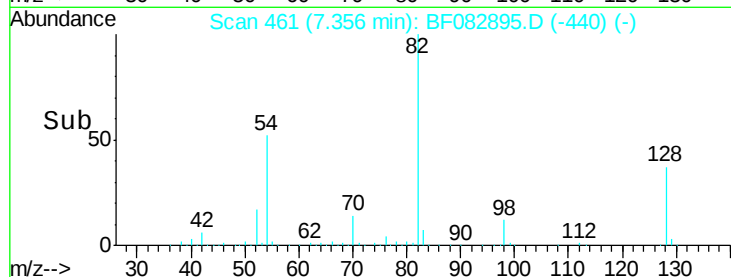
#23
 Nitrobenzene-d5
 Concen: 50.87 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.06 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BL

Tgt Ion: 82 Resp: 1231698
 Ion Ratio Lower Upper
 82 100
 128 37.2 26.8 40.2
 54 52.3 45.7 68.5

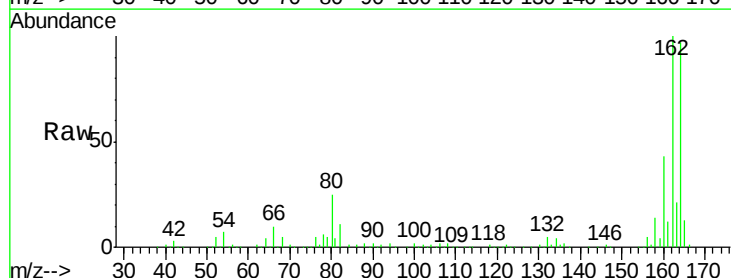


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

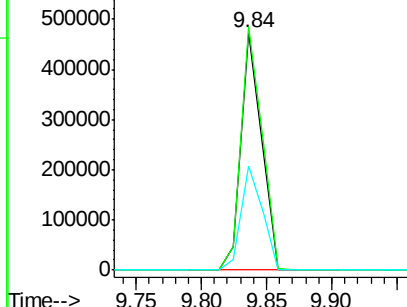
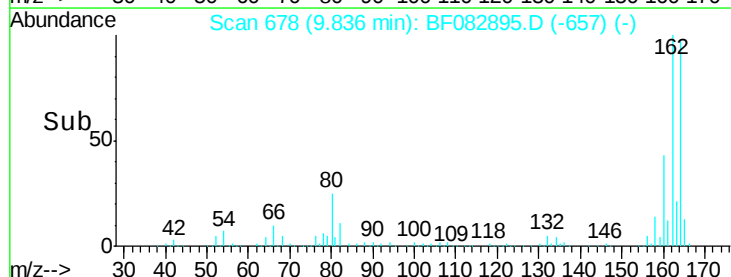


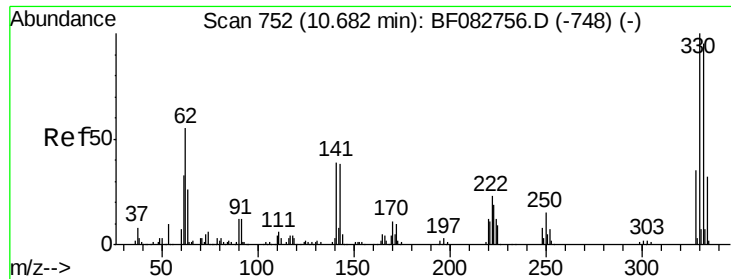
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.06 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Tgt Ion: 164 Resp: 513242
 Ion Ratio Lower Upper
 164 100
 162 102.6 84.9 127.3
 160 44.1 37.5 56.3



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

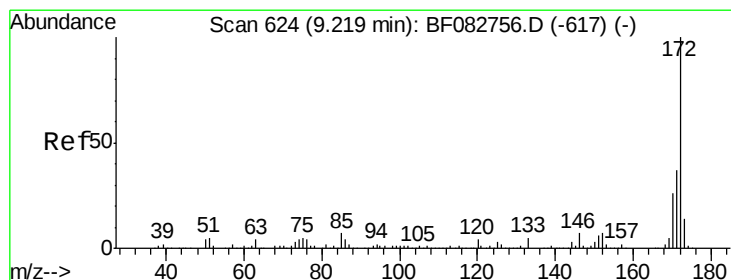
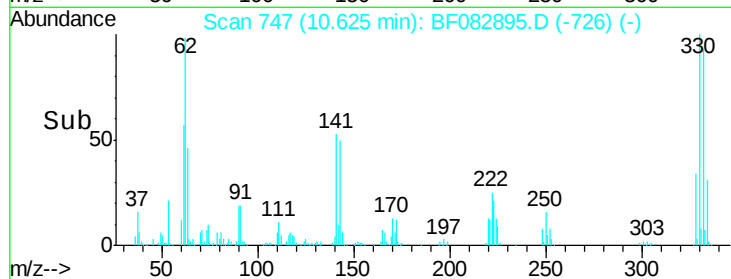
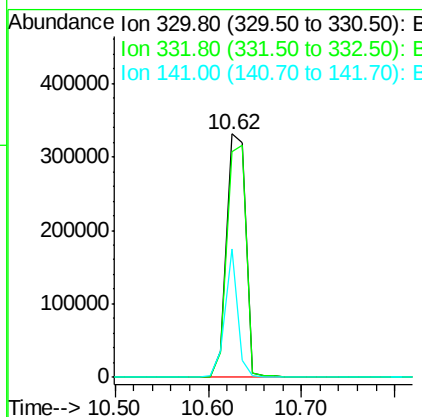
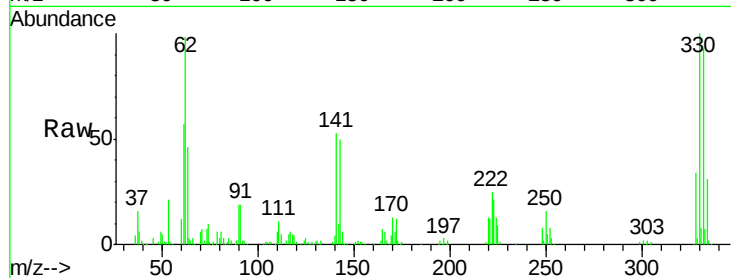




#41
 2,4,6-Tribromophenol
 Concen: 82.01 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

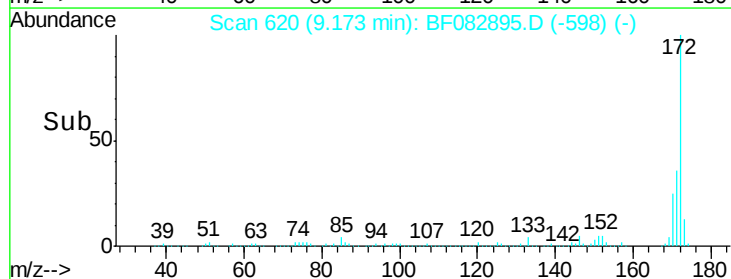
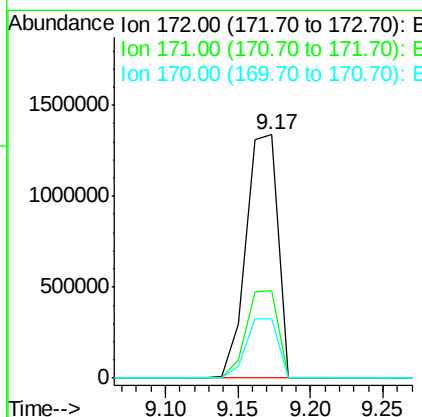
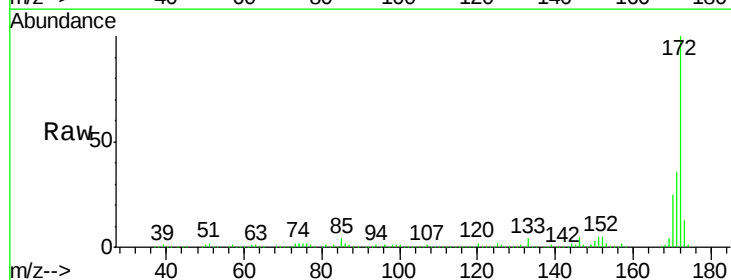
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BL

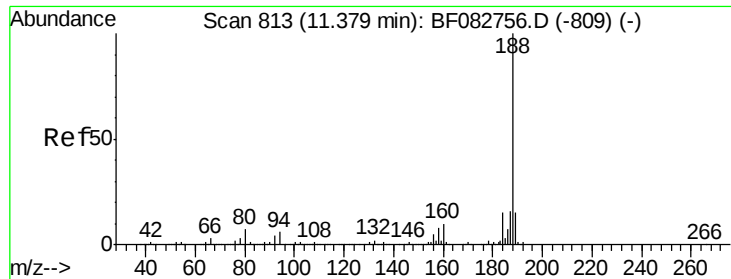
Tgt Ion:330 Resp: 482613
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 34.0 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 56.74 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Tgt Ion:172 Resp: 2031685
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 24.6 21.2 31.8

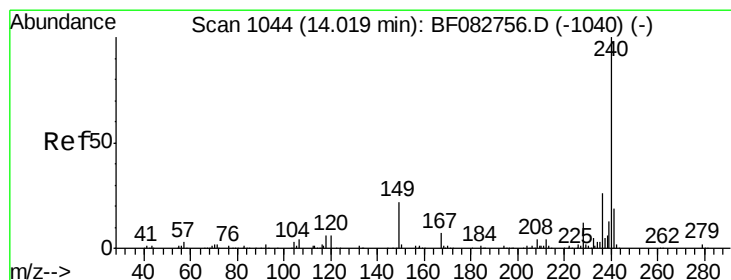
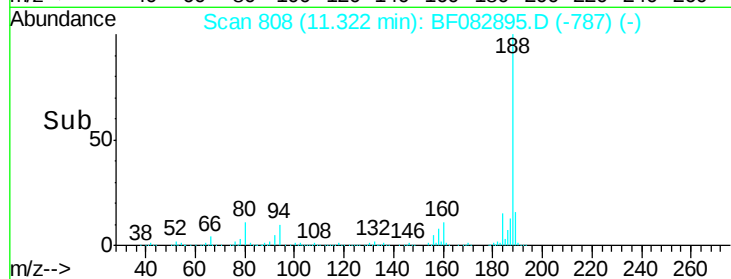
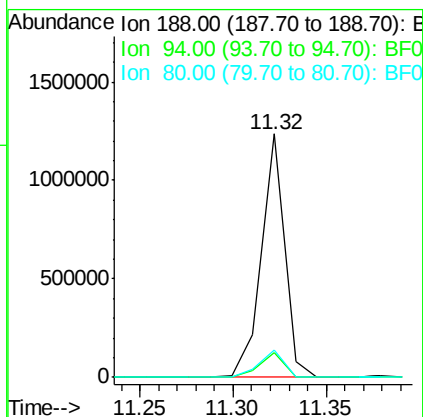
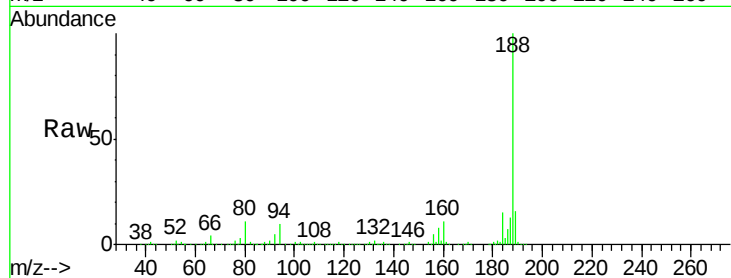




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082895.D
Acq: 13 Nov 2015 14:08

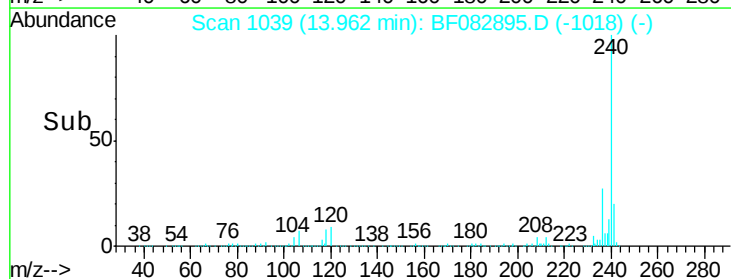
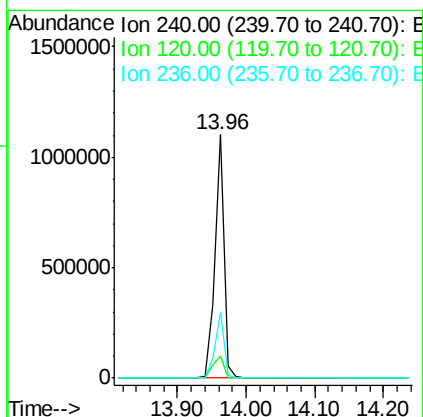
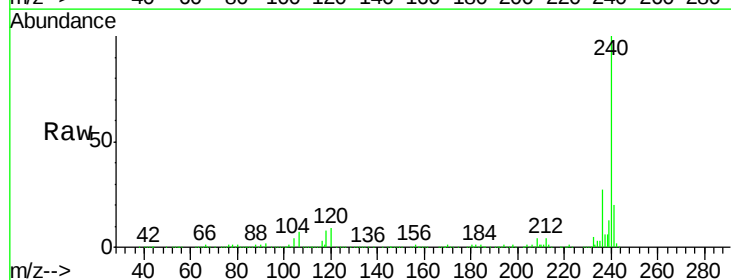
Instrument :
BNA_F
ClientSampleId :
PB86628BL

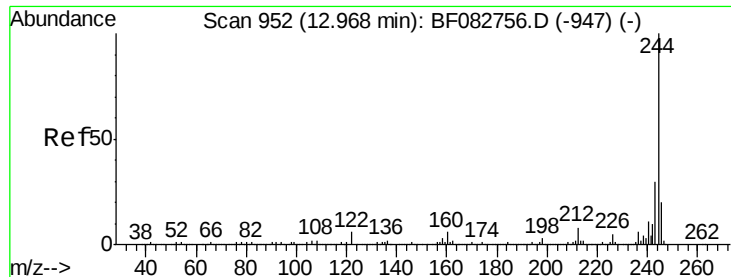
Tgt Ion:188 Resp: 1059571
Ion Ratio Lower Upper
188 100
94 10.0 6.1 9.1#
80 11.0 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082895.D
Acq: 13 Nov 2015 14:08

Tgt Ion:240 Resp: 1040456
Ion Ratio Lower Upper
240 100
120 9.1 10.9 16.3#
236 27.1 21.6 32.4





#78

Terphenyl-d14

Concen: 51.53 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86628BL

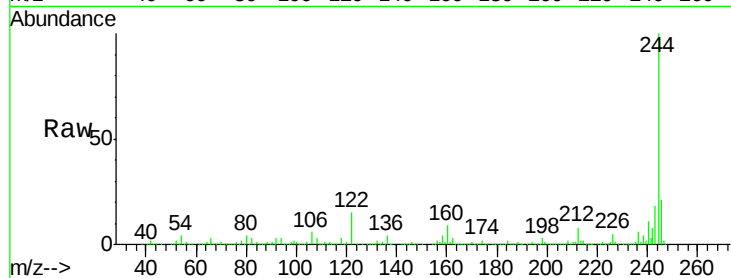
Tgt Ion:244 Resp: 2260574

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

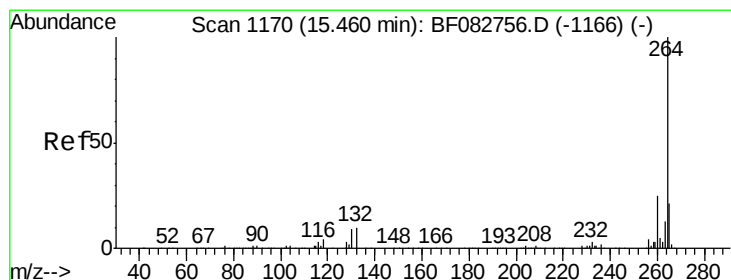
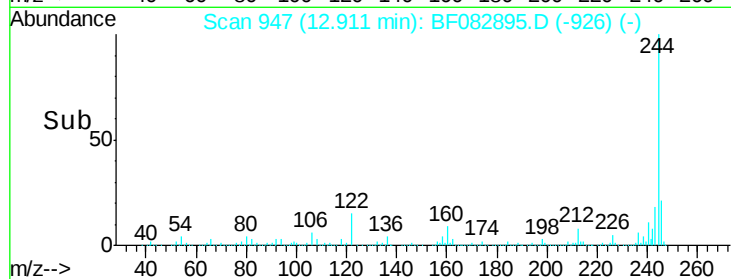
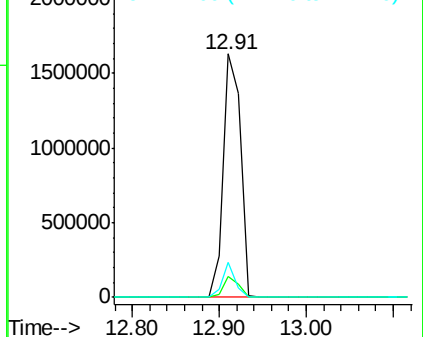
122 14.6 11.3 16.9



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: 15.39 min Scan# 1164

Delta R.T. -0.07 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

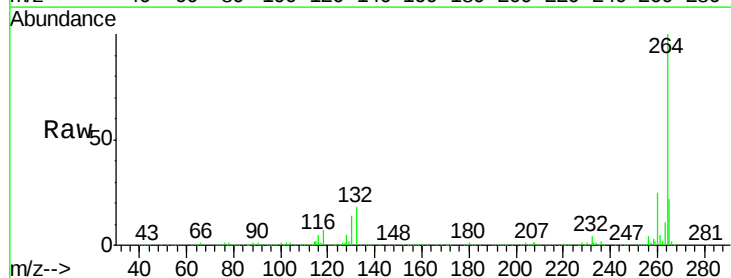
Tgt Ion:264 Resp: 911175

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 22.3 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

