

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089206.D
 Acq On : 22 Jul 2016 21:56
 Operator : UM/SJ
 Sample : H4152-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-6.0-7.0

Quant Time: Jul 22 23:28:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

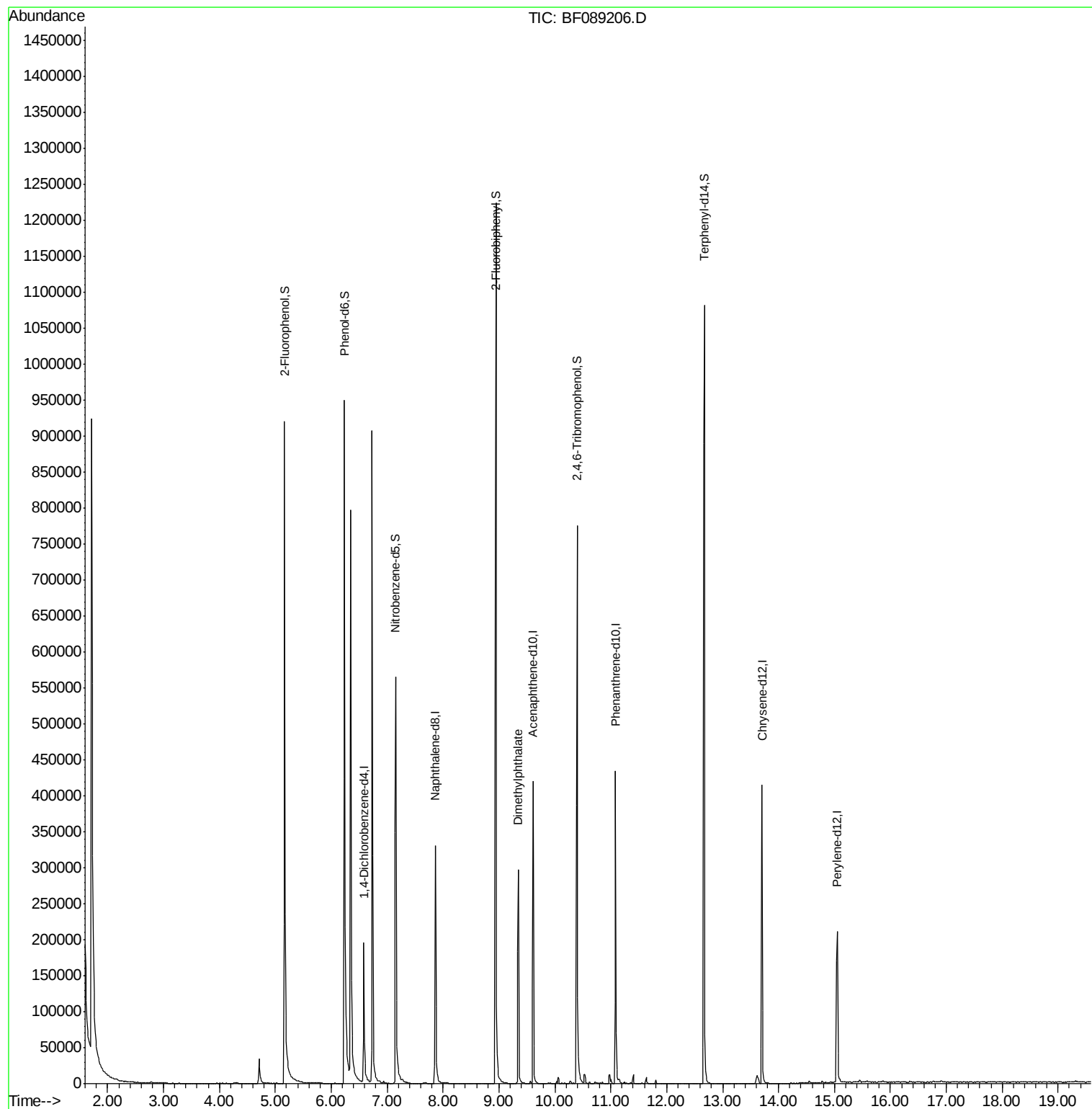
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44574	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	190863	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95064	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	189434	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	149554	20.00	ng	-0.02
86) Perylene-d12	15.05	264	115164	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	350831	119.70	ng	-0.02
7) Phenol-d6	6.24	99	489497	129.51	ng	-0.03
23) Nitrobenzene-d5	7.15	82	301754	84.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	103284	120.67	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	544448	78.91	ng	-0.02
78) Terphenyl-d14	12.67	244	483719	70.15	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	175392	24.04	ng	100

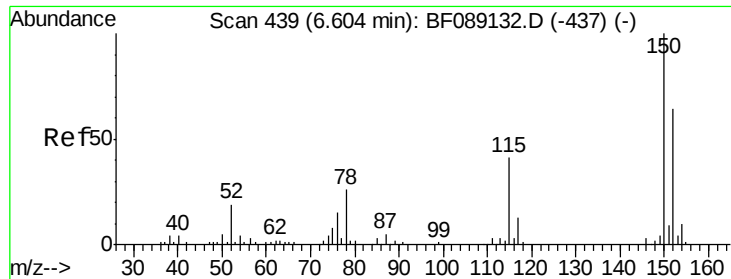
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

Instrument :

BNA_F

ClientSampleId :

SB-14-6.0-7.0

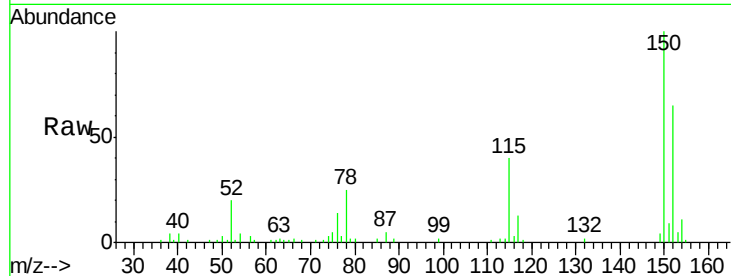
Tgt Ion:152 Resp: 44574

Ion Ratio Lower Upper

152 100

150 153.3 125.1 187.7

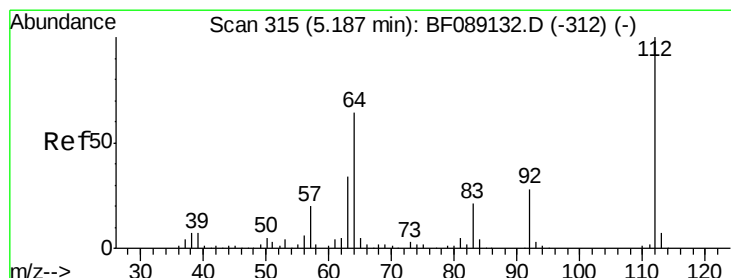
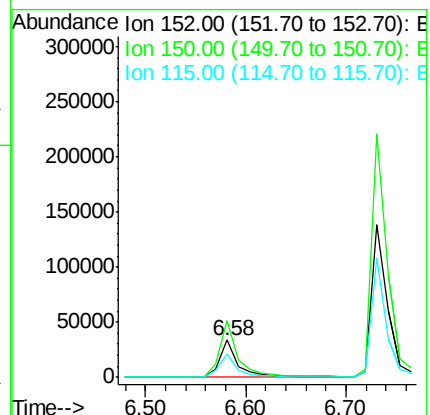
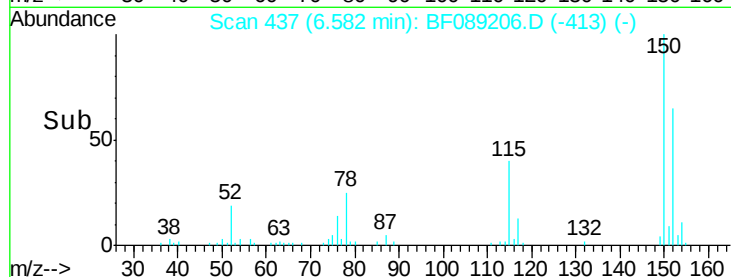
115 61.9 51.1 76.7



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: 119.70 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

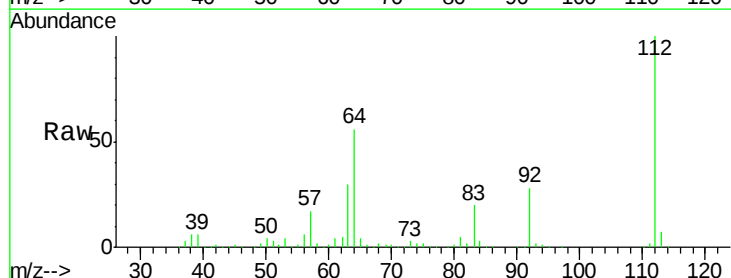
Tgt Ion:112 Resp: 350831

Ion Ratio Lower Upper

112 100

64 56.5 51.0 76.4

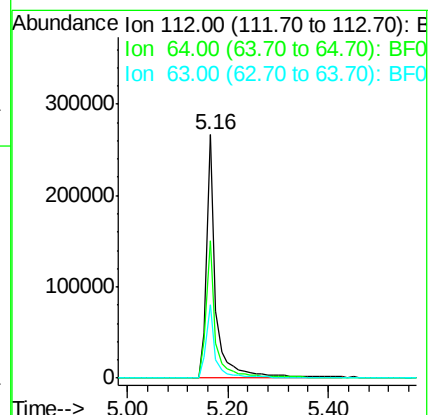
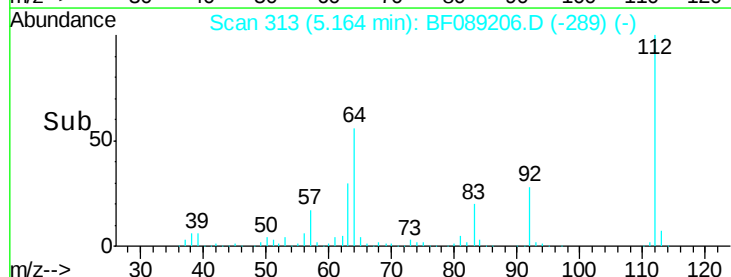
63 30.0 27.3 40.9

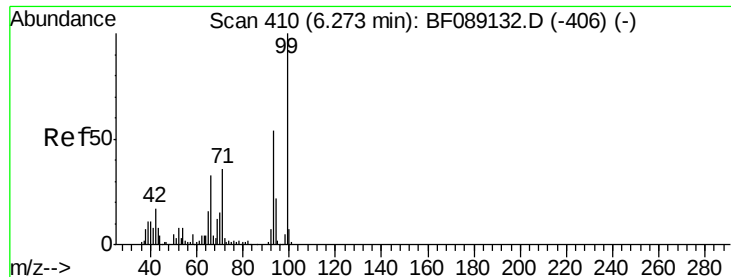


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.51 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

Instrument :

BNA_F

ClientSampleId :

SB-14-6.0-7.0

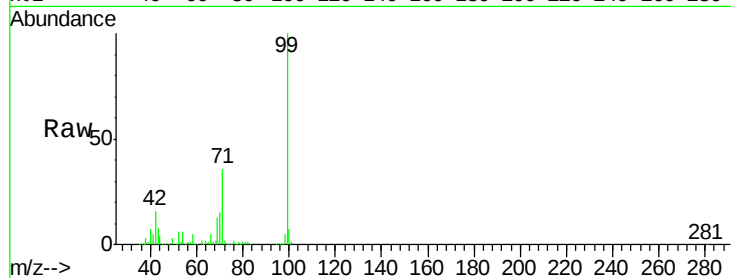
Tgt Ion: 99 Resp: 489497

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

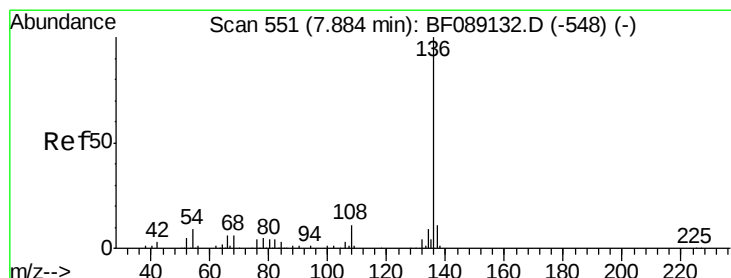
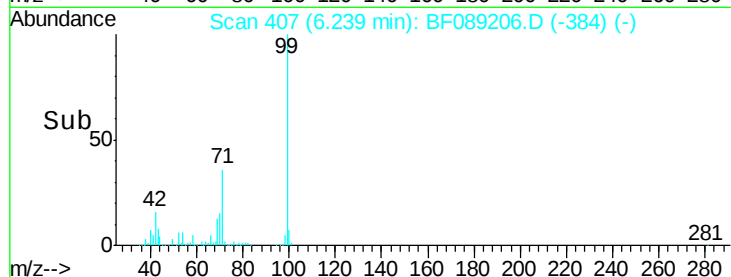
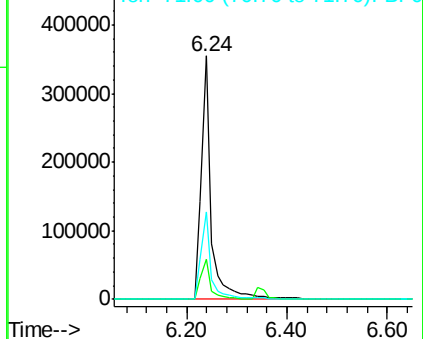
71 36.1 28.9 43.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

Tgt Ion: 136 Resp: 190863

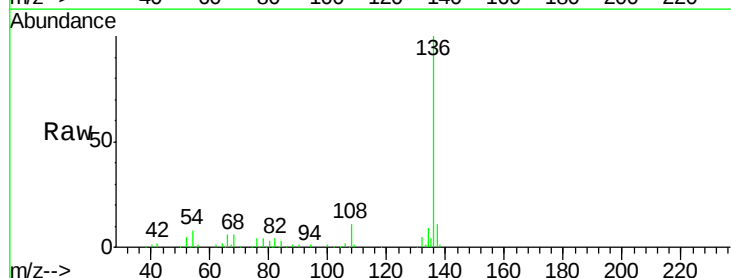
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.8 7.0 10.4

68 5.8 5.0 7.6

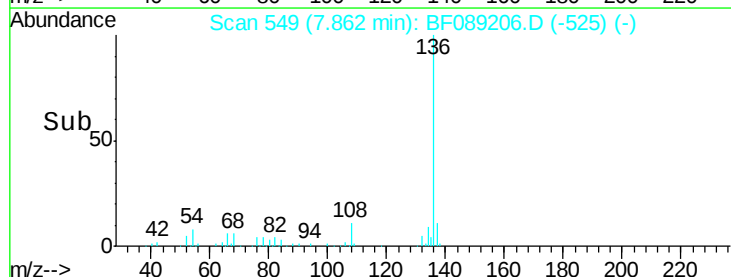
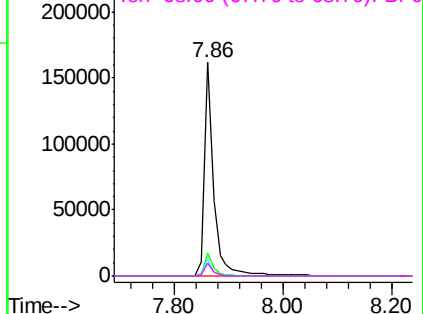


Abundance Ion 136.00 (135.70 to 136.70): E

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

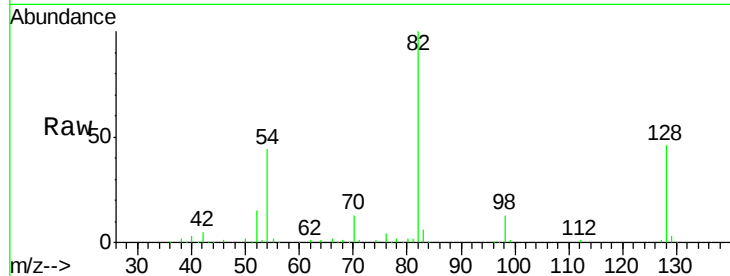




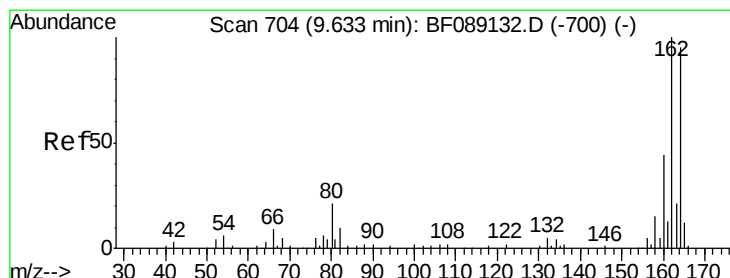
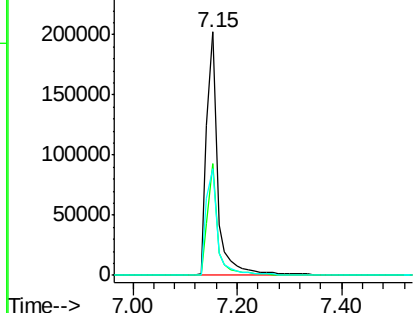
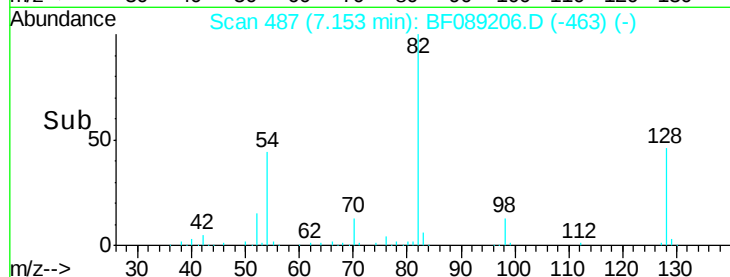
#23
Nitrobenzene-d5
Concen: 84.00 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Instrument :
BNA_F
ClientSampleId :
SB-14-6.0-7.0

Tgt Ion: 82 Resp: 301754
Ion Ratio Lower Upper
82 100
128 45.7 33.0 49.6
54 43.8 39.0 58.4

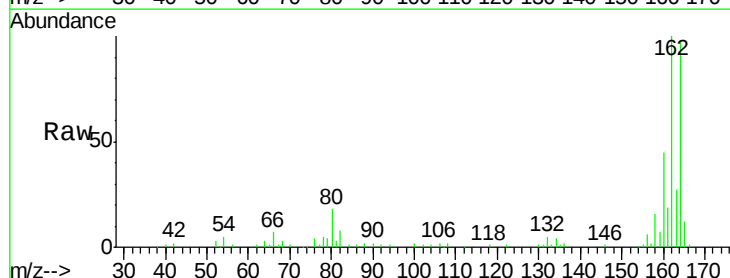


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

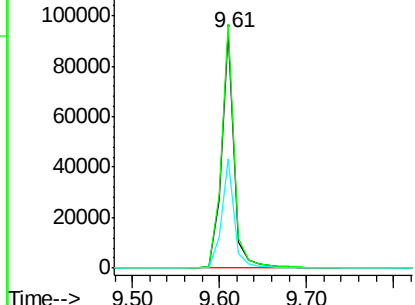
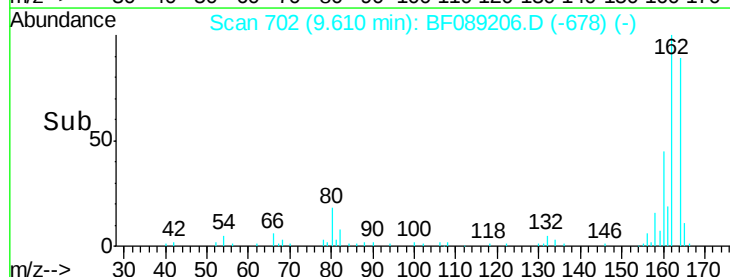


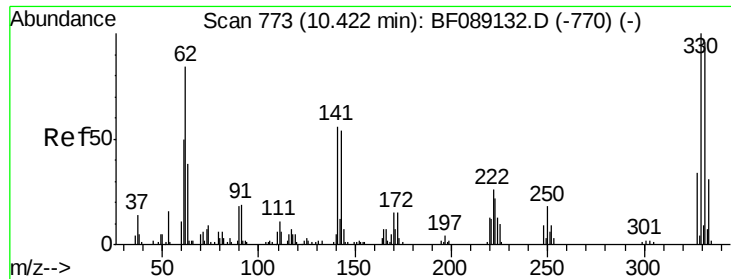
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Tgt Ion: 164 Resp: 95064
Ion Ratio Lower Upper
164 100
162 103.5 84.1 126.1
160 46.5 37.1 55.7



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

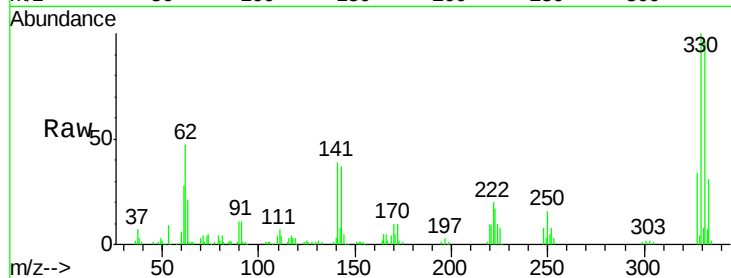




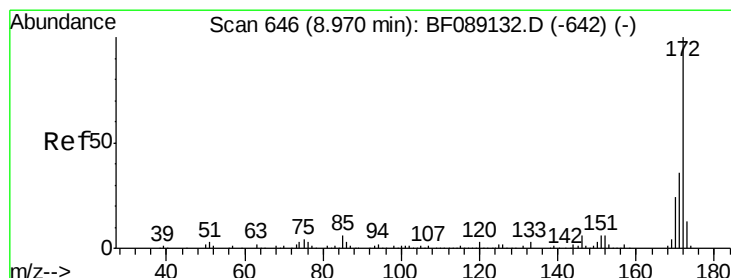
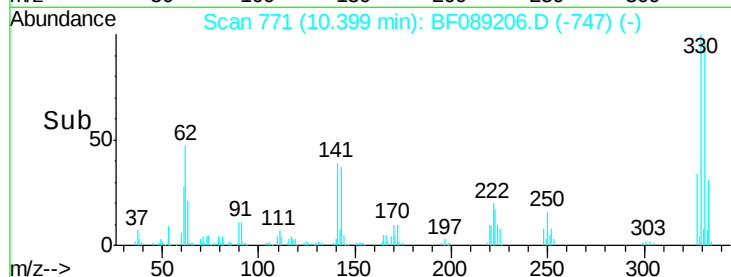
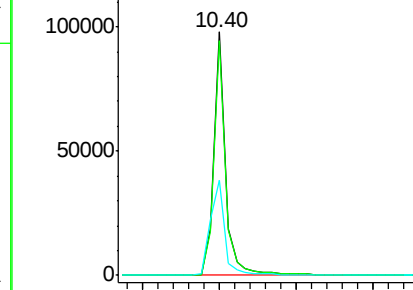
#41
 2,4,6-Tribromophenol
 Concen: 120.67 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-6.0-7.0

Tgt Ion:330 Resp: 103284
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.2 115.8
 141 48.0 42.2 63.2

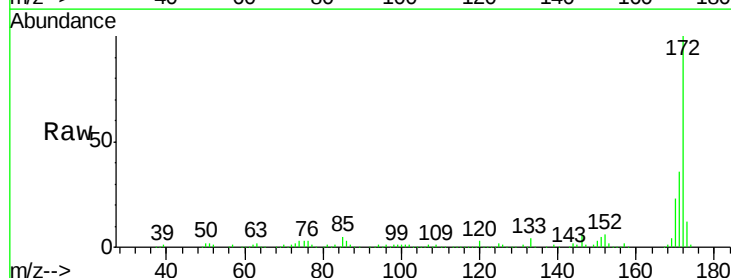


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

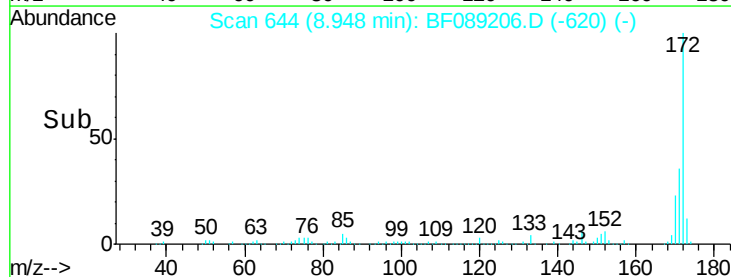
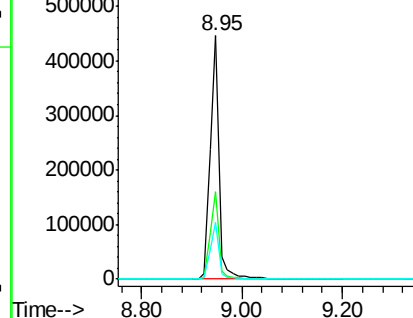


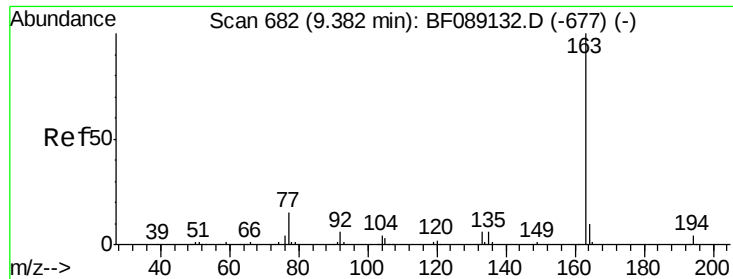
#44
 2-Fluorobiphenyl
 Concen: 78.91 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089206.D
 Acq: 22 Jul 2016 21:56

Tgt Ion:172 Resp: 544448
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.5 19.1 28.7



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

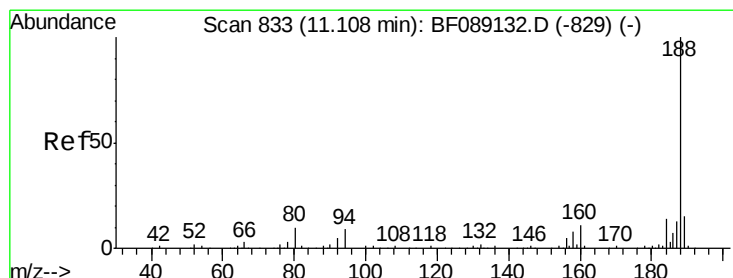
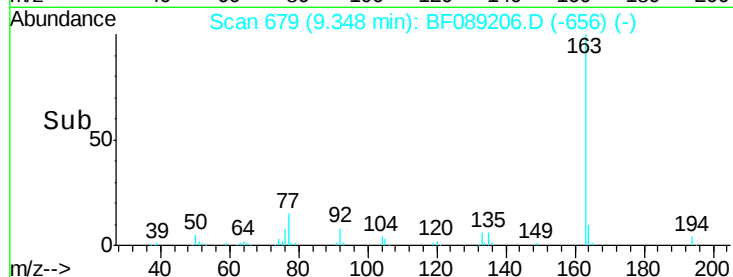
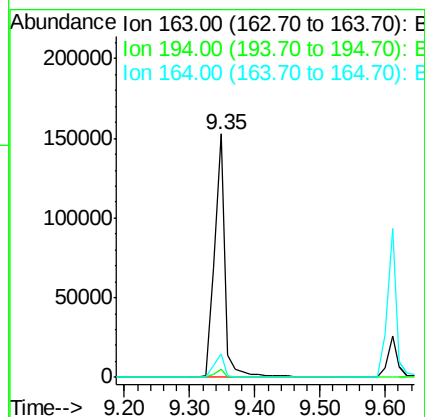
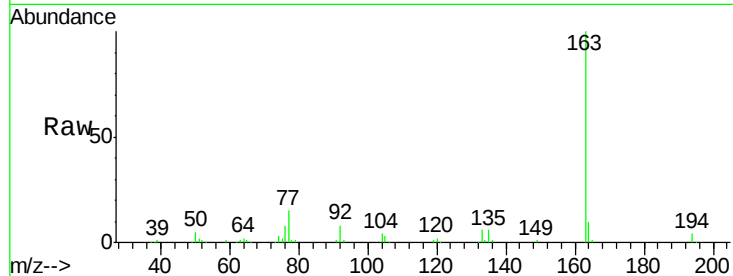




#49
Dimethylphthalate
Concen: 24.04 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

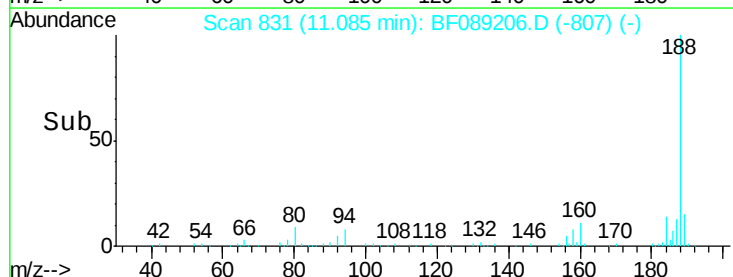
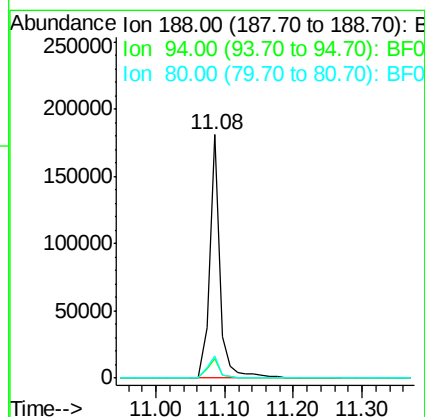
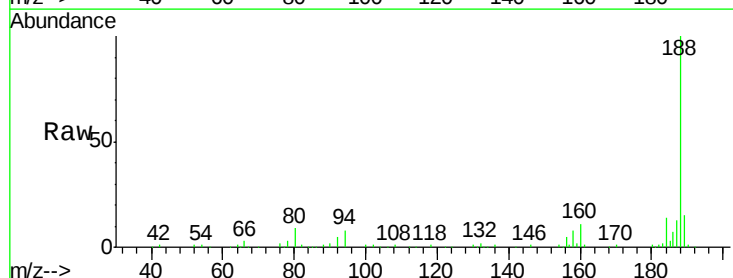
Instrument :
BNA_F
ClientSampleId :
SB-14-6.0-7.0

Tgt Ion:163 Resp: 175392
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.7 7.6 11.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Tgt Ion:188 Resp: 189434
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.2 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

Instrument :

BNA_F

ClientSampleId :

SB-14-6.0-7.0

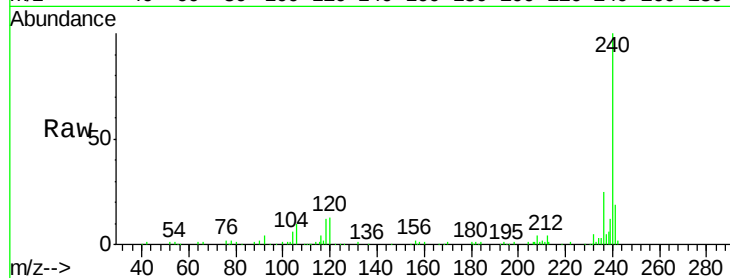
Tgt Ion:240 Resp: 149554

Ion Ratio Lower Upper

240 100

120 13.1 13.6 20.4#

236 25.0 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

200000

150000

100000

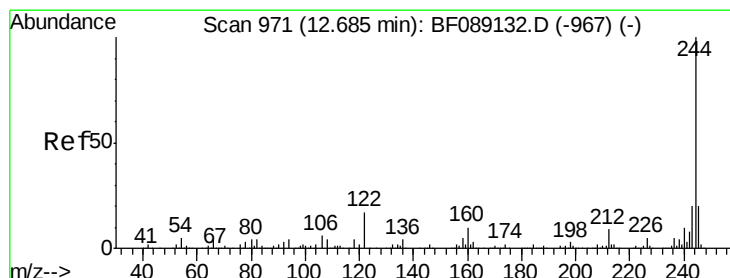
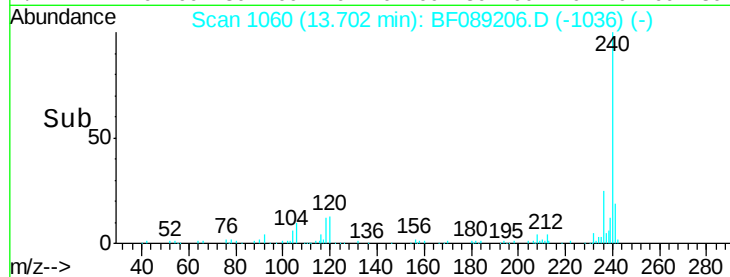
50000

0

13.70

13.60 13.70 13.80

Time-->



#78

Terphenyl-d14

Concen: 70.15 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089206.D

Acq: 22 Jul 2016 21:56

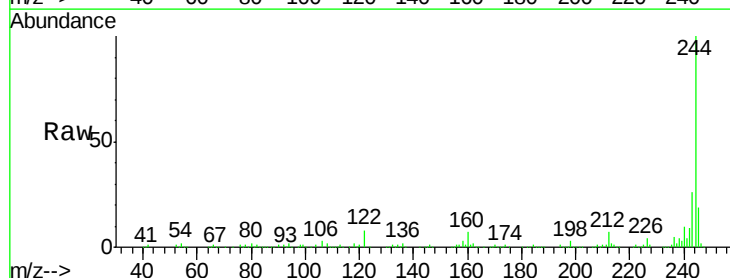
Tgt Ion:244 Resp: 483719

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

122 8.5 13.8 20.8#



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

500000

400000

300000

200000

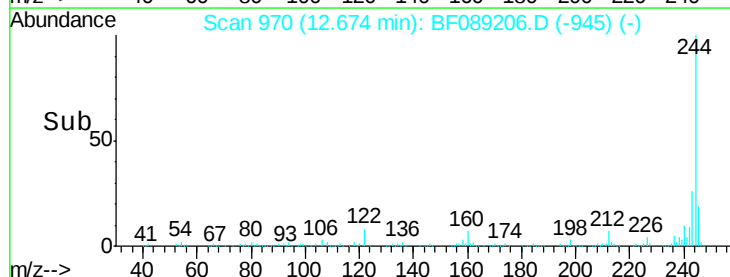
100000

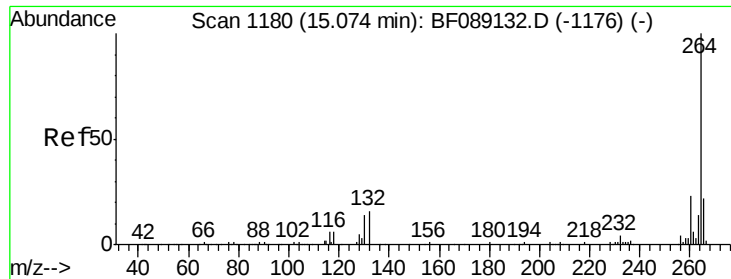
0

12.67

12.60 12.70

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089206.D
Acq: 22 Jul 2016 21:56

Instrument :
BNA_F
ClientSampleId :
SB-14-6.0-7.0

Tgt Ion: 264 Resp: 115164
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.0 17.3 25.9

