

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082429.D
 Acq On : 22 Oct 2015 4:08
 Operator : UM/IZ
 Sample : G4116-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

Quant Time: Oct 22 12:50:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

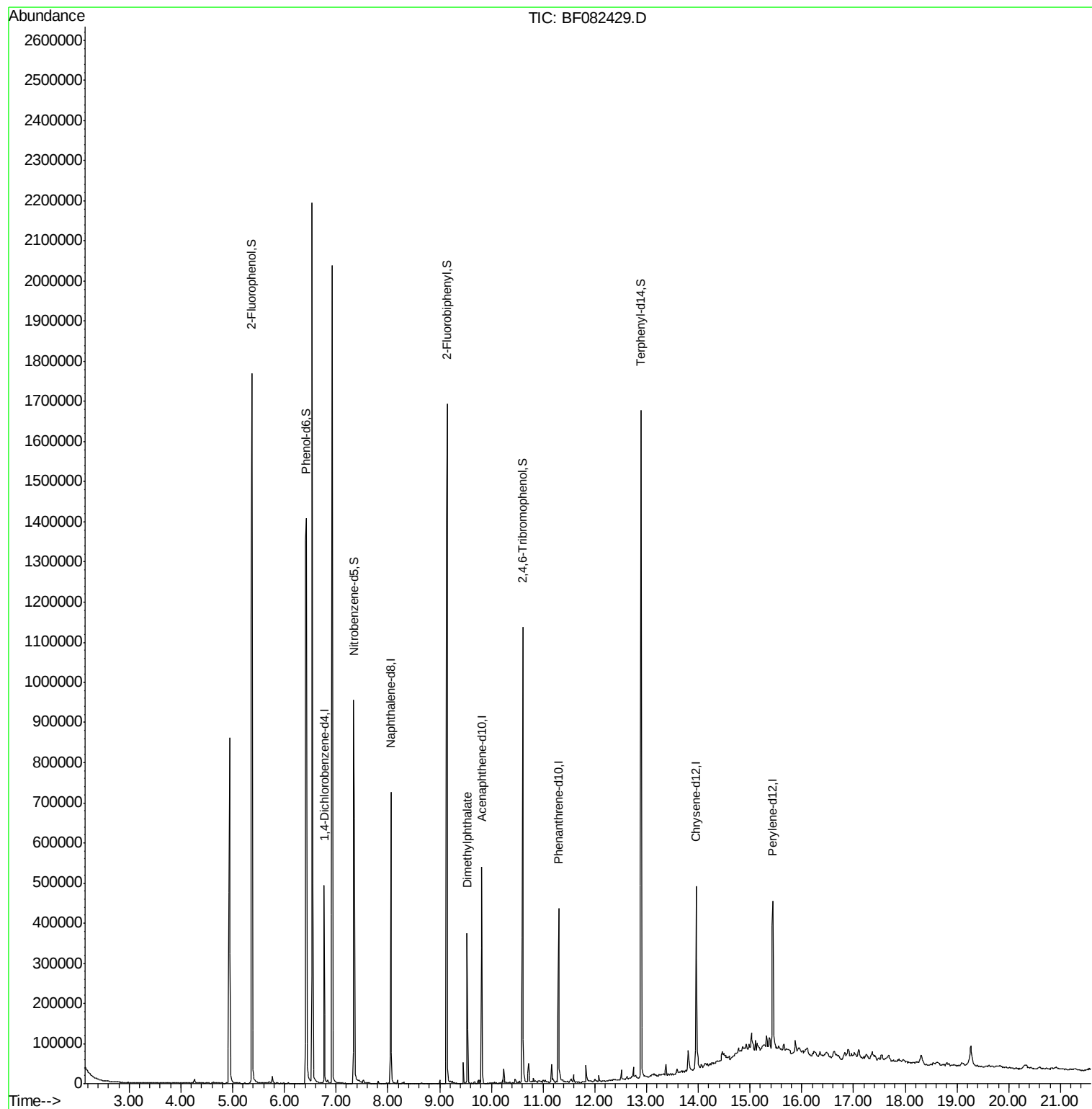
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	84863	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	320595	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	138691	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	219204	20.00	ng	0.00
75) Chrysene-d12	13.96	240	202729	20.00	ng	-0.06
86) Perylene-d12	15.44	264	203336	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	635854	151.22	ng	0.01
7) Phenol-d6	6.42	99	787120	143.85	ng	0.00
23) Nitrobenzene-d5	7.34	82	442330	92.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	128887	99.09	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	811244	97.00	ng	0.00
78) Terphenyl-d14	12.89	244	548911	71.75	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	173169	17.73	ng	99

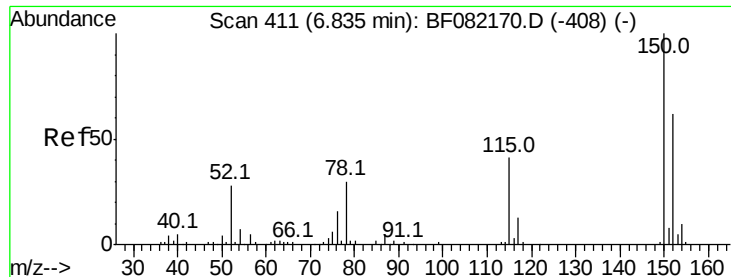
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

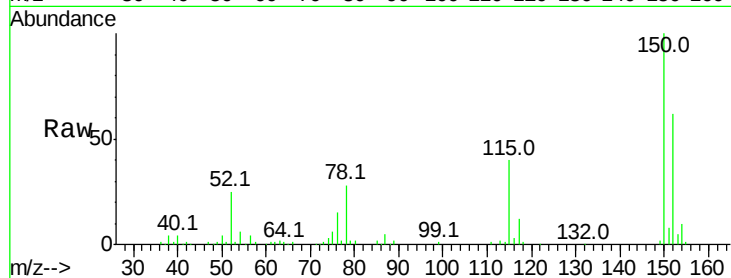
Tot Ion:152 Resp: 84863

Ion Ratio Lower Upper

152 100

150 160.7 129.0 193.4

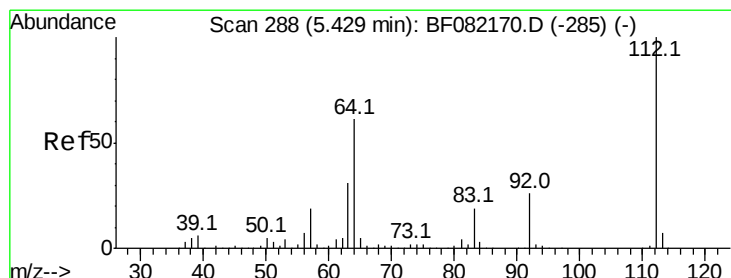
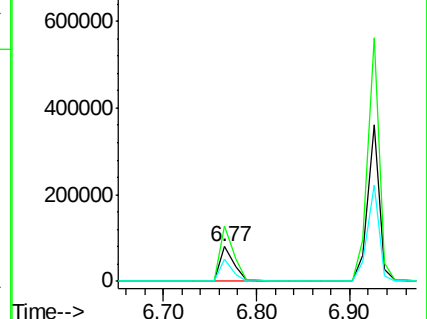
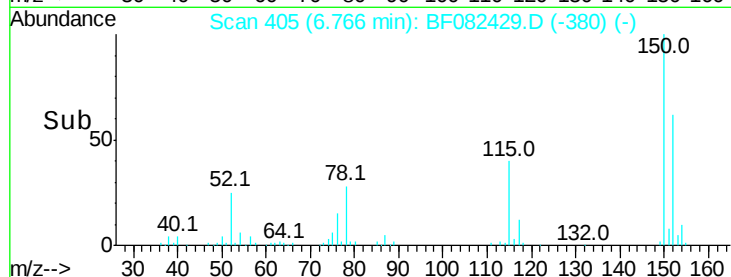
115 64.6 52.1 78.1



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: 151.22 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

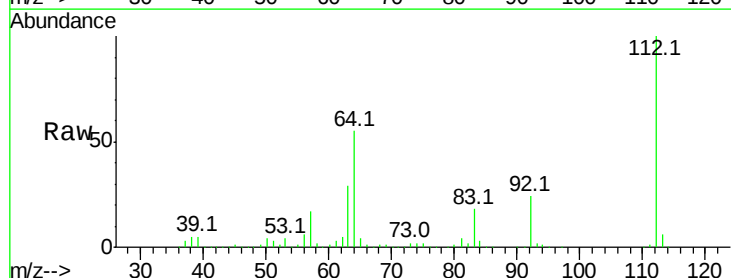
Tgt Ion:112 Resp: 635854

Ion Ratio Lower Upper

112 100

64 54.9 48.6 73.0

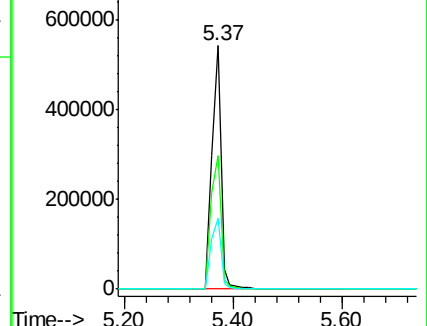
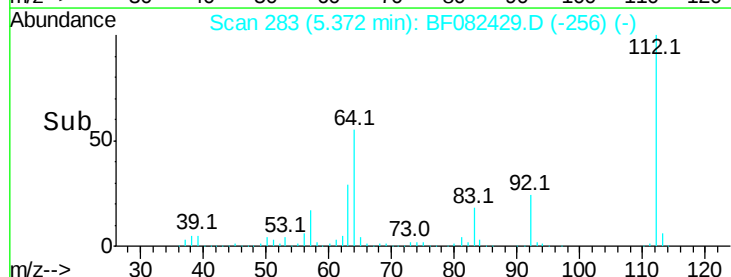
63 29.1 25.1 37.7



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: 143.85 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

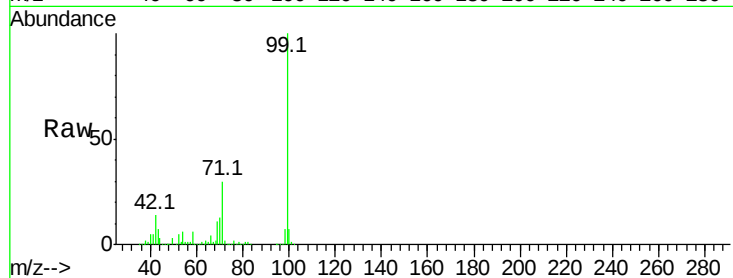
Tot Ion: 99 Resp: 787120

Ion Ratio Lower Upper

99 100

42 13.6 13.2 19.8

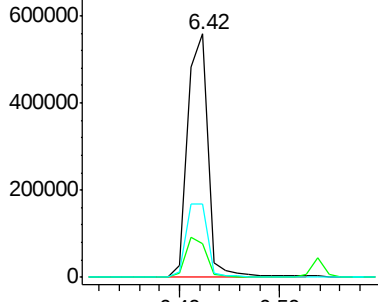
71 30.1 25.6 38.4



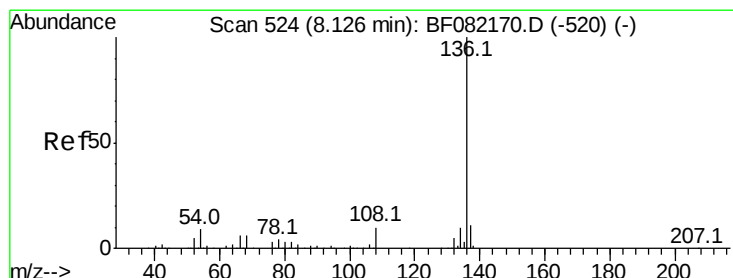
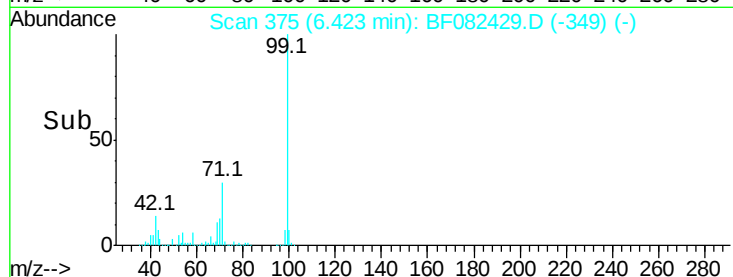
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

Tgt Ion: 136 Resp: 320595

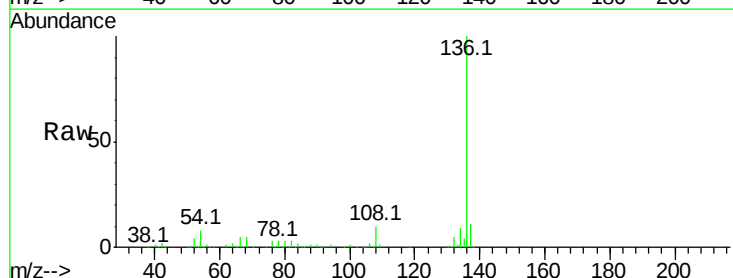
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.0 7.5 11.3

68 5.2 4.6 7.0

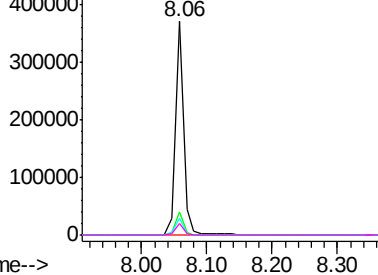


Abundance Ion 136.00 (135.70 to 136.70): E

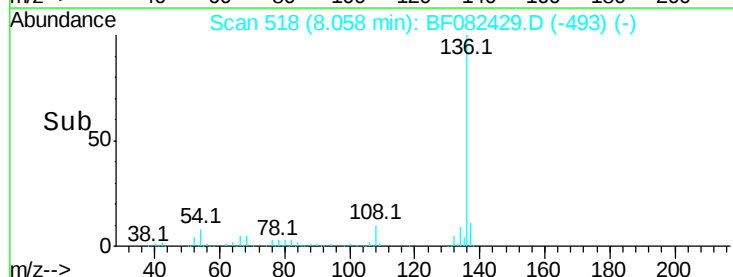
Ion 137.00 (136.70 to 137.70): E

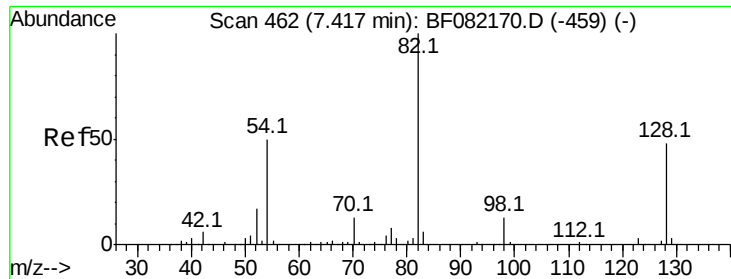
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

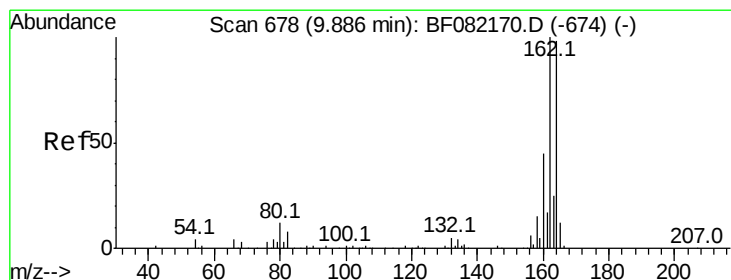
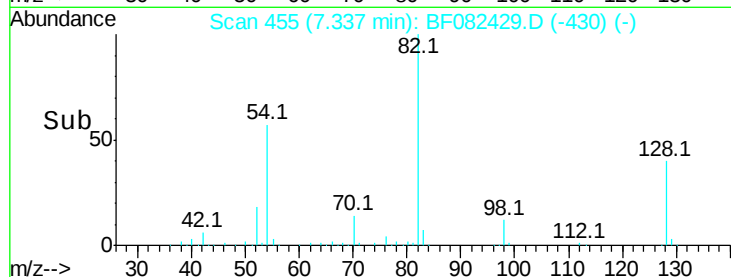
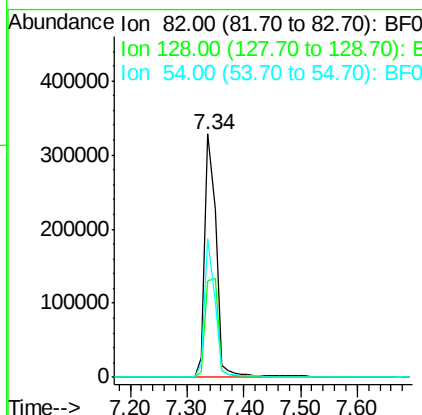
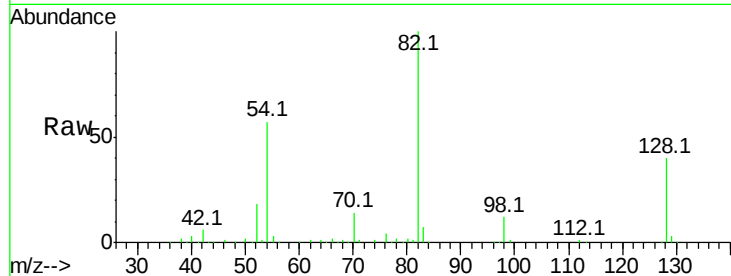




#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

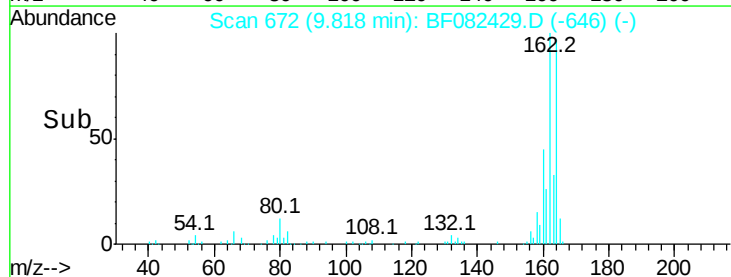
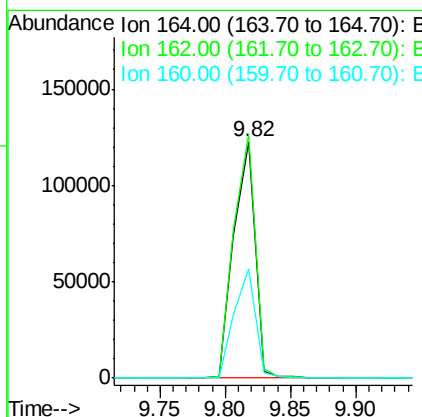
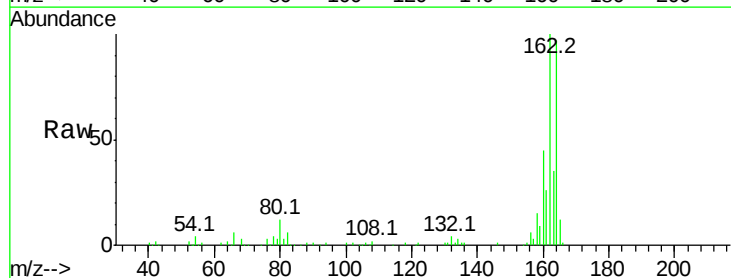
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

Tot Ion: 82 Resp: 442330
 Ion Ratio Lower Upper
 82 100
 128 39.8 38.7 58.1
 54 57.2 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Tgt Ion:164 Resp: 138691
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.6 122.4
 160 46.3 36.4 54.6

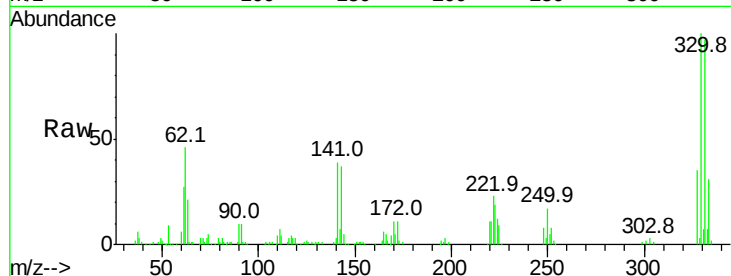




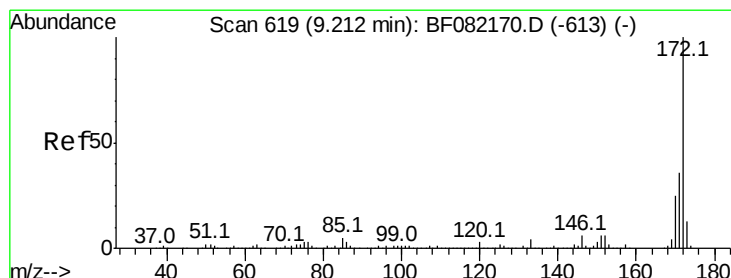
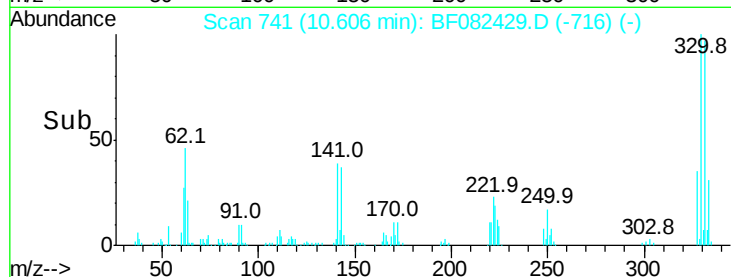
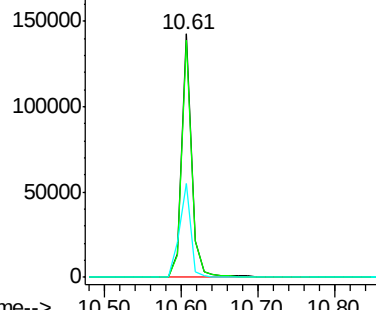
#41
 2,4,6-Tribromophenol
 Concen: 99.09 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	43.8	29.8	44.8

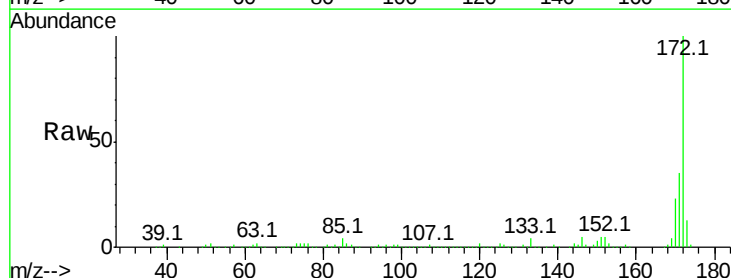


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

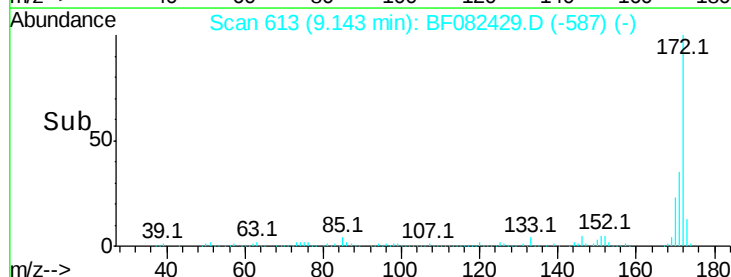
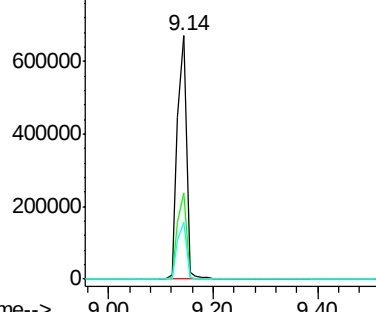


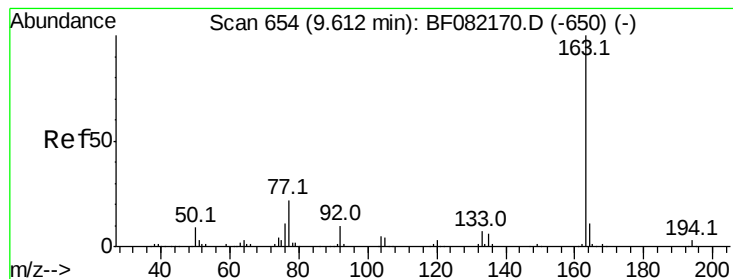
#44
 2-Fluorobiphenyl
 Concen: 97.00 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.4	19.7	29.5



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: 17.73 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

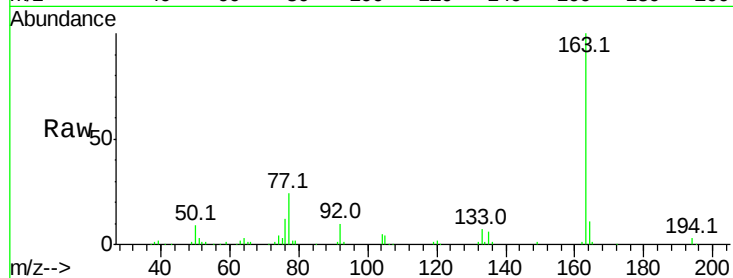
Tot Ion:163 Resp: 173169

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

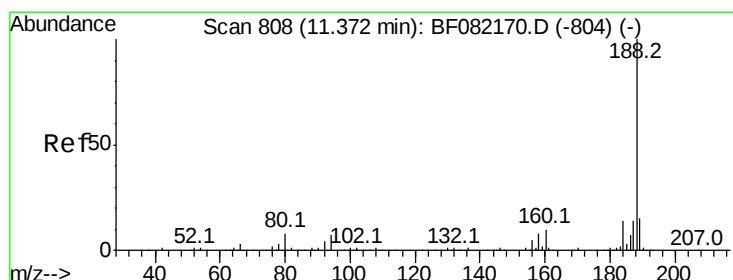
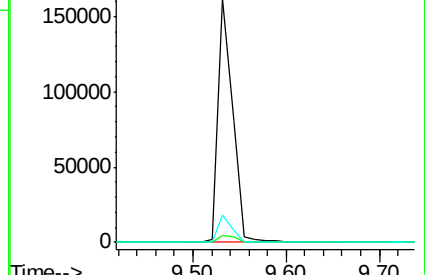
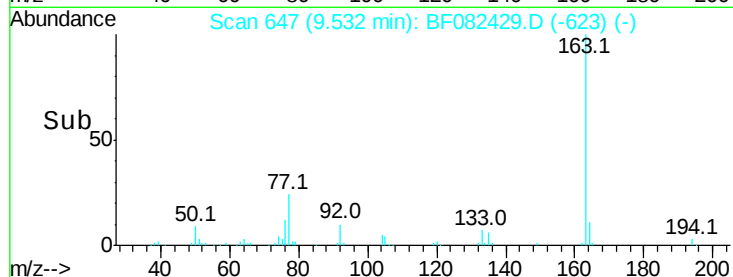
164 11.0 8.5 12.7



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: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

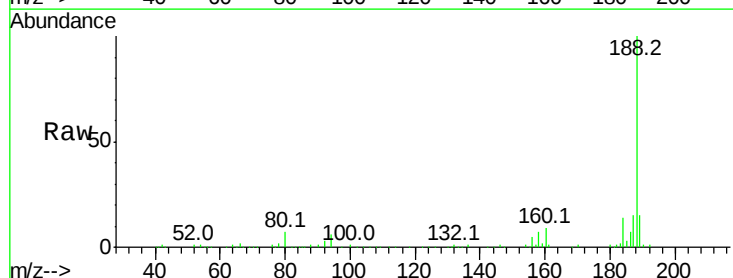
Tgt Ion:188 Resp: 219204

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.6

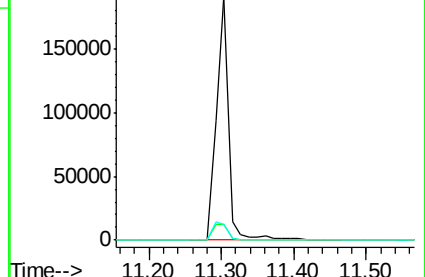
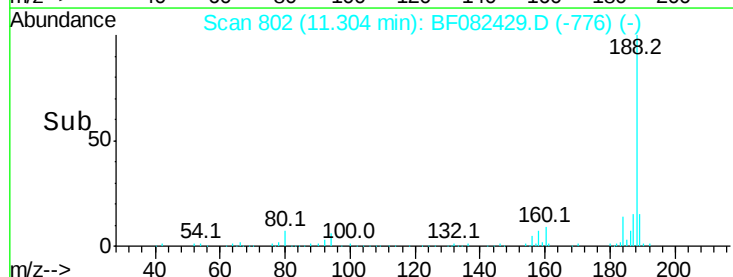
80 6.7 6.4 9.6

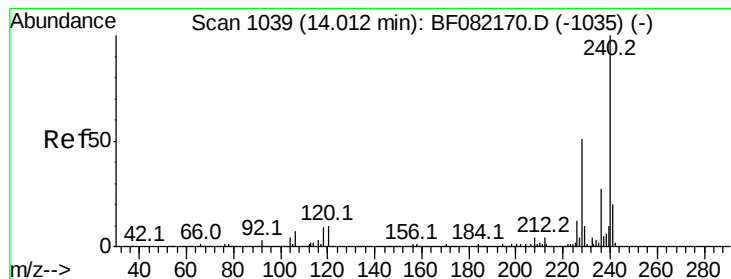


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

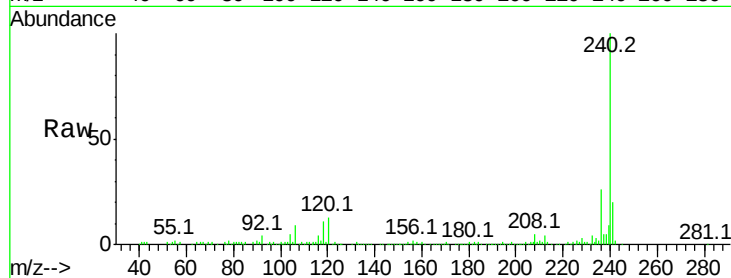
Tot Ion:240 Resp: 202729

Ion Ratio Lower Upper

240 100

120 12.8 8.1 12.1#

236 25.5 21.3 31.9

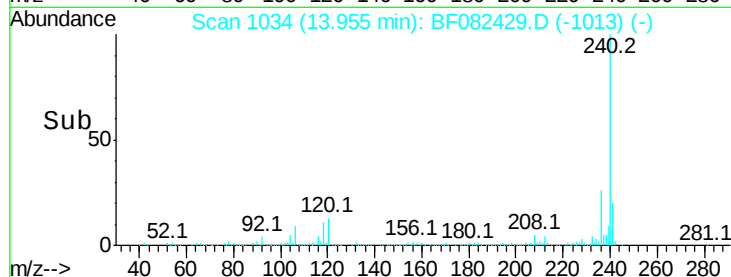


Abundance Ion 240.00 (239.70 to 240.70): E

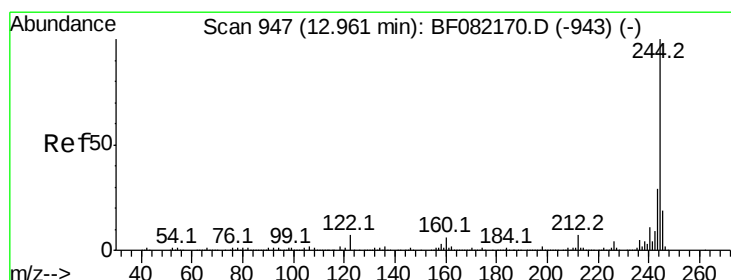
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



Time-->



#78

Terphenyl-d14

Concen: 71.75 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

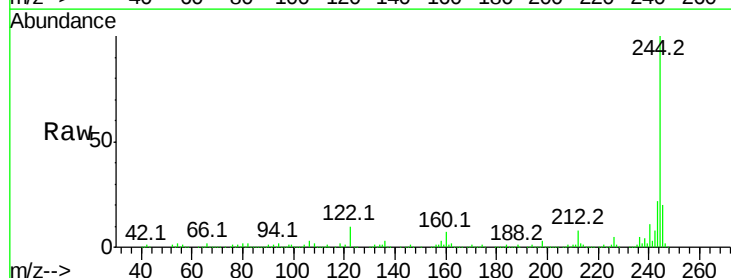
Tgt Ion:244 Resp: 548911

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.6 5.9 8.9#

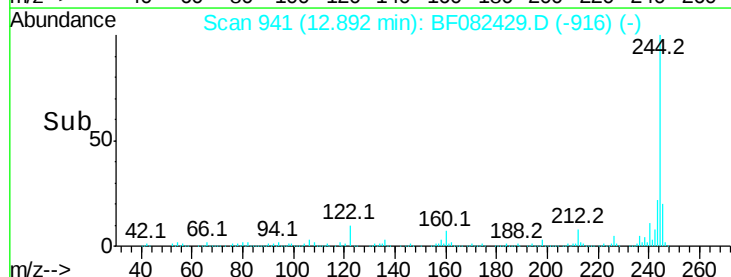


Abundance Ion 244.00 (243.70 to 244.70): E

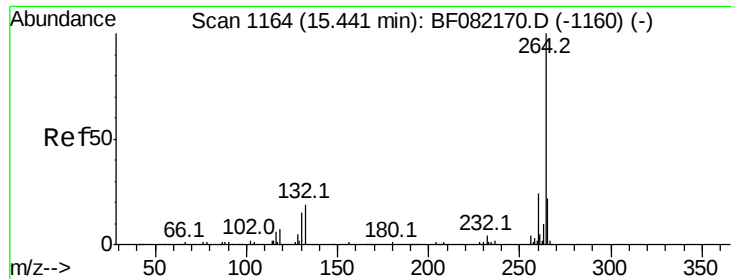
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.89



Time-->



#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.09 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-02(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.4	17.3	25.9

