

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082561.D
 Acq On : 27 Oct 2015 22:11
 Operator : UM/IZ
 Sample : G4157-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Oct 28 02:46:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	82277m	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	316095	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	159705	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	276418	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	177877	20.00	ng	-0.03
86) Perylene-d12	15.29	264	166724	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	583375	139.97	ng	0.01
7) Phenol-d6	6.38	99	647255	119.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	508807	103.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	178189	149.00	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	948729	94.46	ng	-0.02
78) Terphenyl-d14	12.82	244	800591	129.67	ng	-0.02

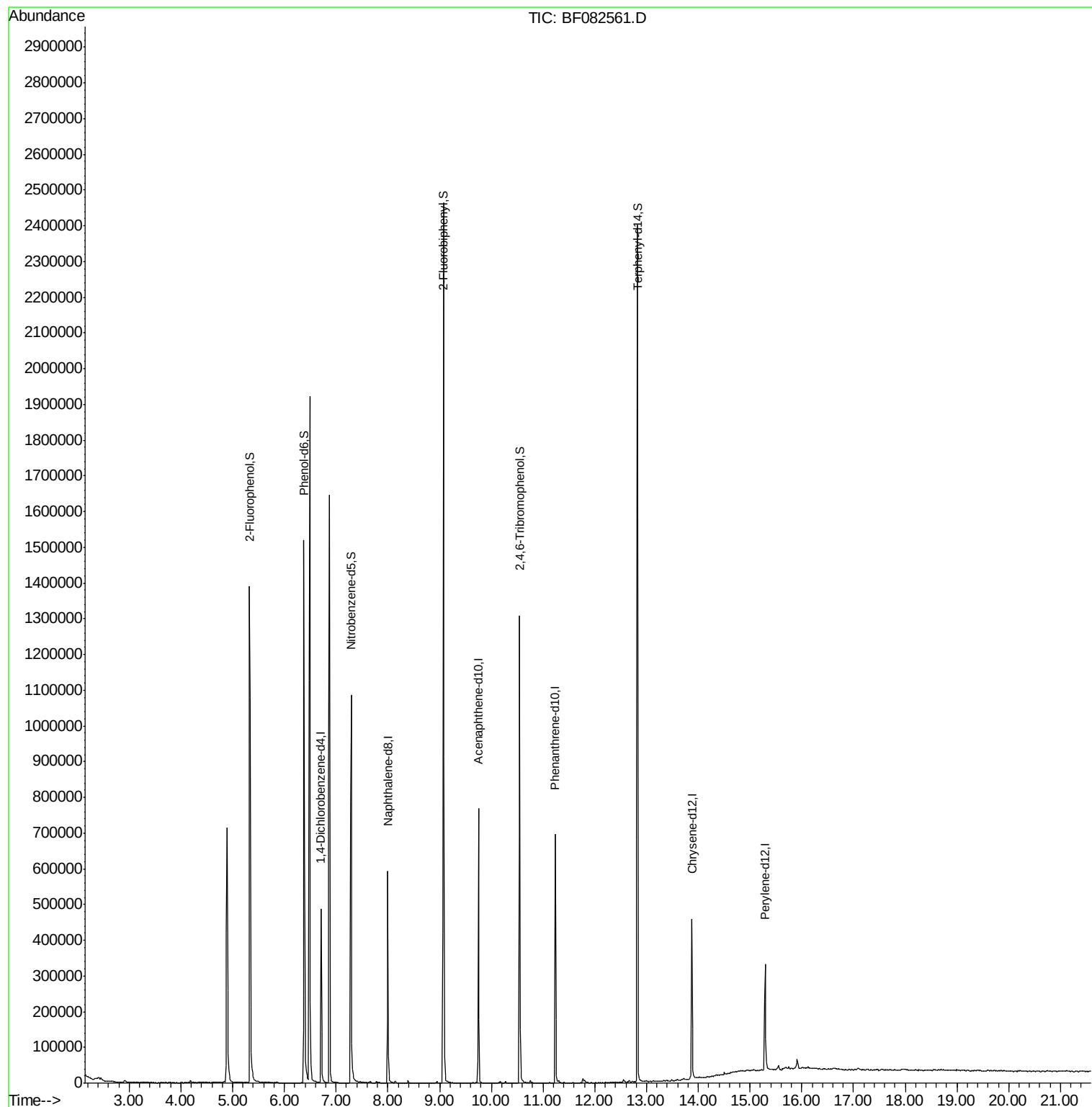
Target Compounds Qvalue

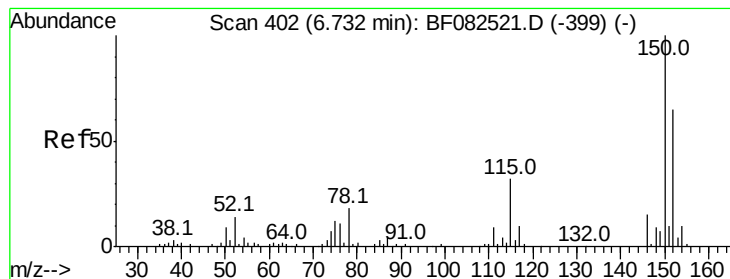
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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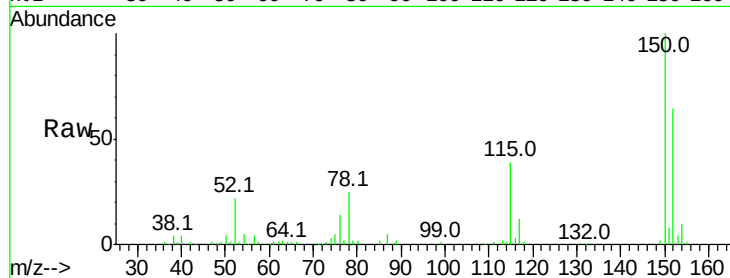


#1

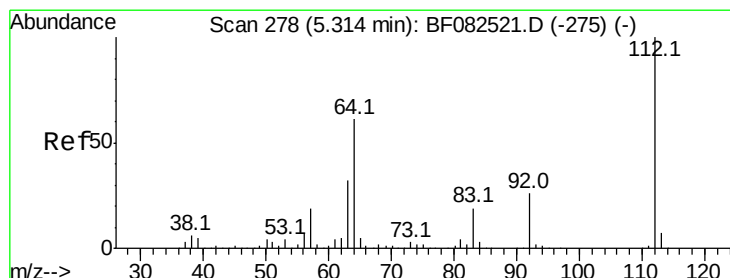
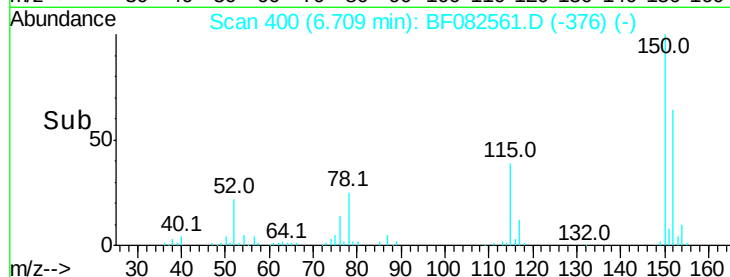
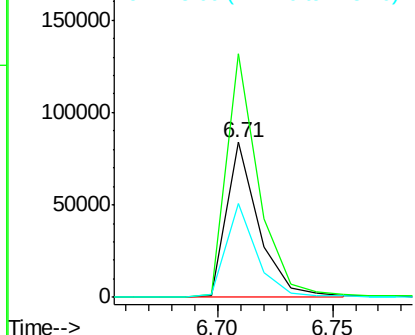
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.71 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:152 Resp: 82277
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.4 185.0
 115 60.7 39.0 58.4#



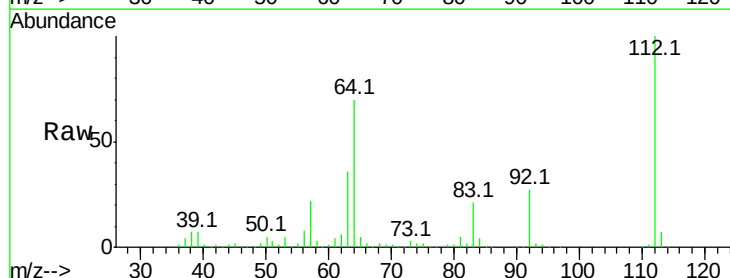
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



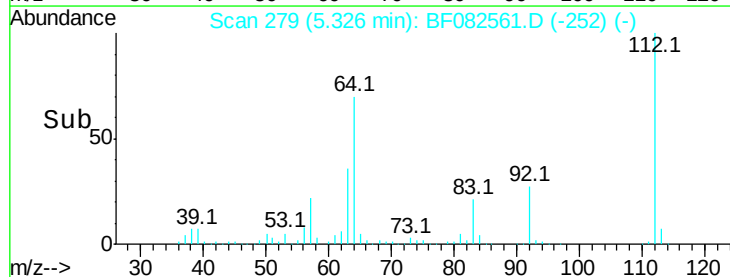
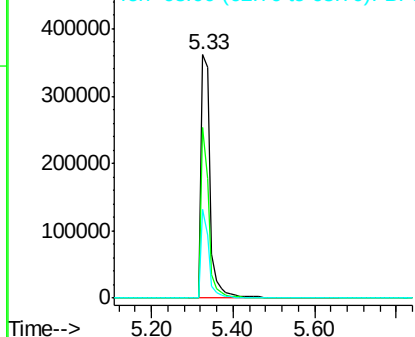
#5

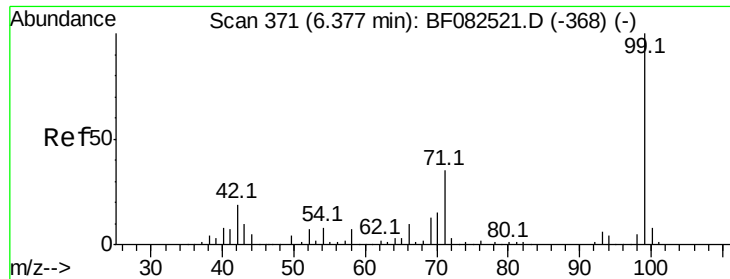
2-Fluorophenol
 Concen: 139.97 ng
 RT: 5.33 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Tgt Ion:112 Resp: 583375
 Ion Ratio Lower Upper
 112 100
 64 69.9 49.0 73.4
 63 36.5 25.8 38.6



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: 119.15 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Instrument :

BNA_F

ClientSampleId :

SB-2

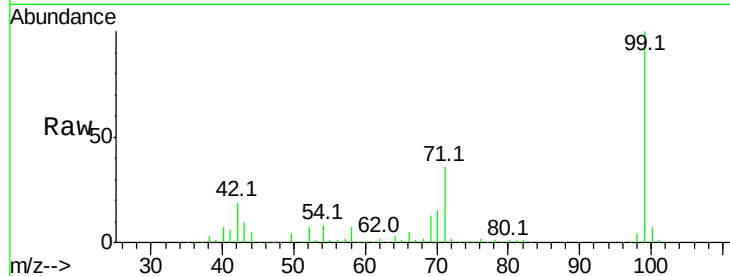
Tot Ion: 99 Resp: 647255

Ion Ratio Lower Upper

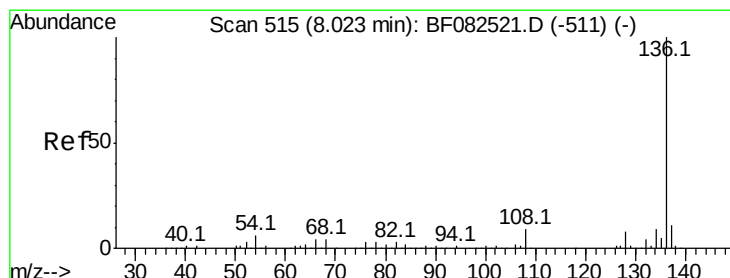
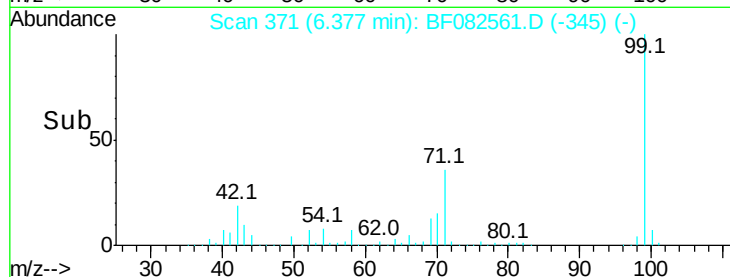
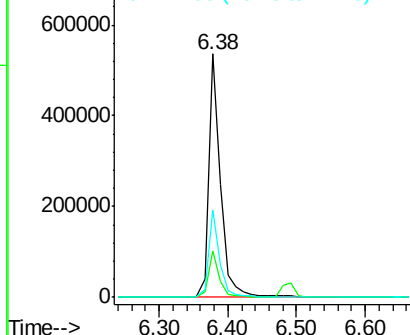
99 100

42 19.1 15.1 22.7

71 35.7 28.2 42.2



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: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Tgt Ion: 136 Resp: 316095

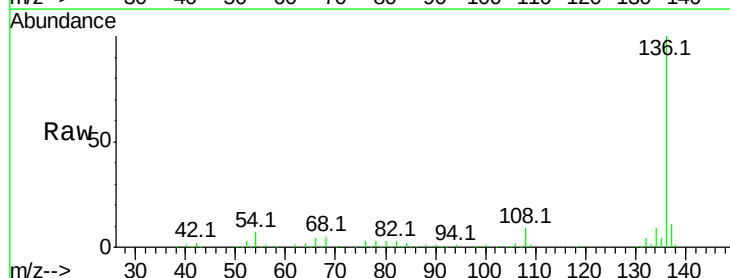
Ion Ratio Lower Upper

136 100

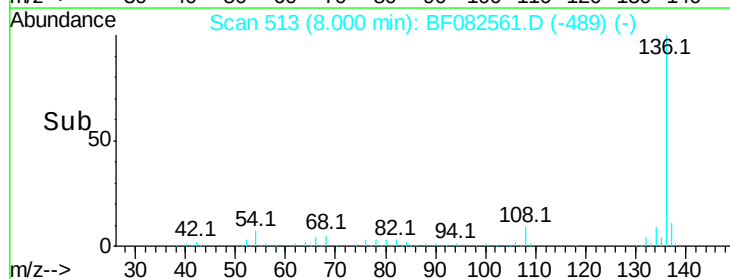
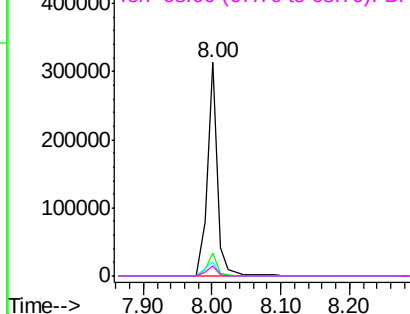
137 10.6 8.6 13.0

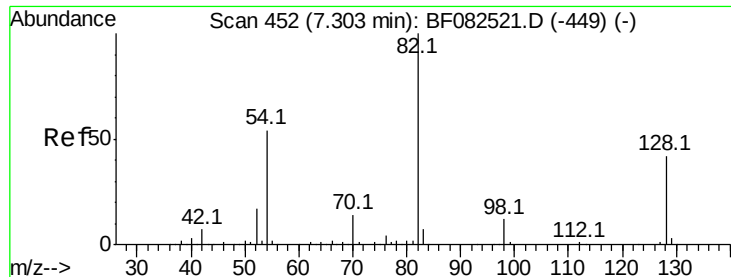
54 6.8 4.6 7.0

68 4.6 3.2 4.8



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

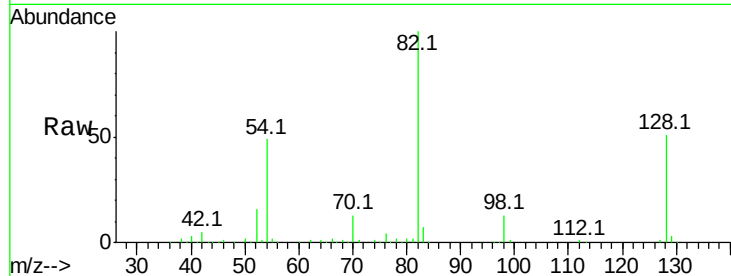




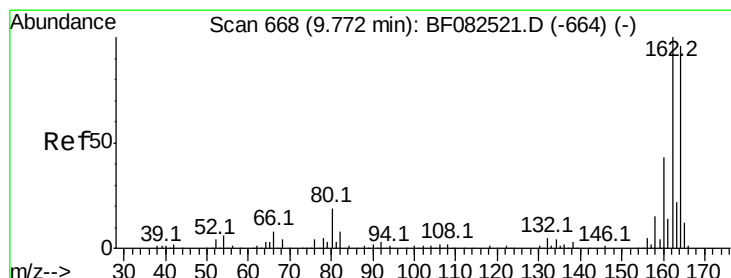
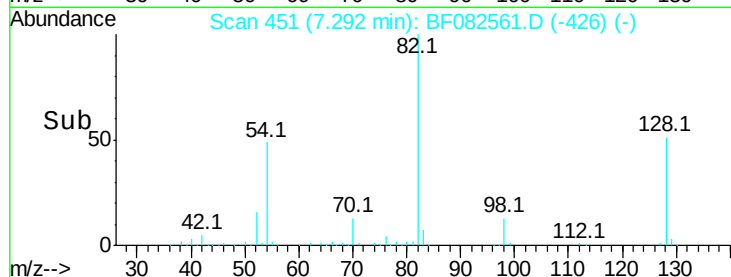
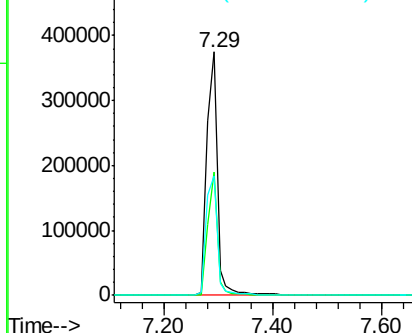
#23
 Nitrobenzene-d5
 Concen: 103.84 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Instrument :
 BNA_F
 ClientSampled :
 SB-2

Tot Ion: 82 Resp: 508807
 Ion Ratio Lower Upper
 82 100
 128 50.7 33.4 50.0#
 54 48.9 43.5 65.3

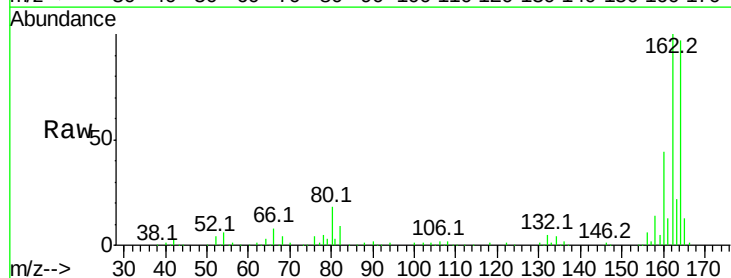


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

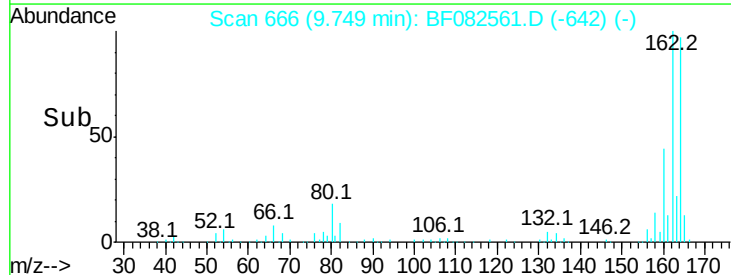
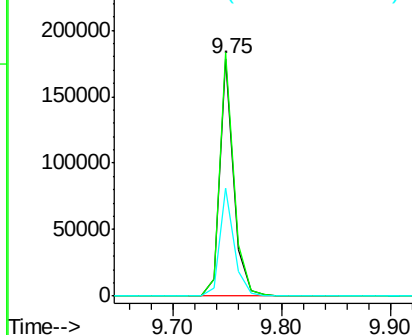


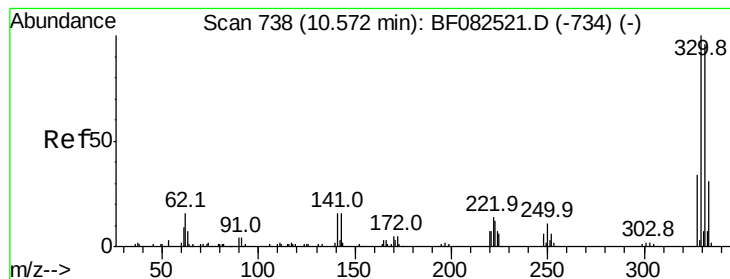
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Tgt Ion:164 Resp: 159705
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.6 125.4
 160 45.3 36.0 54.0



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: 149.00 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

Instrument :

BNA_F

ClientSampled :

SB-2

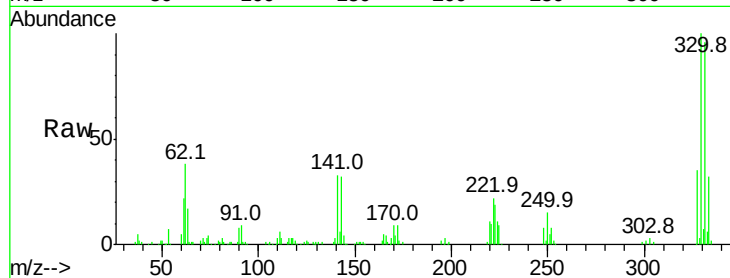
Tot Ion:330 Resp: 178189

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

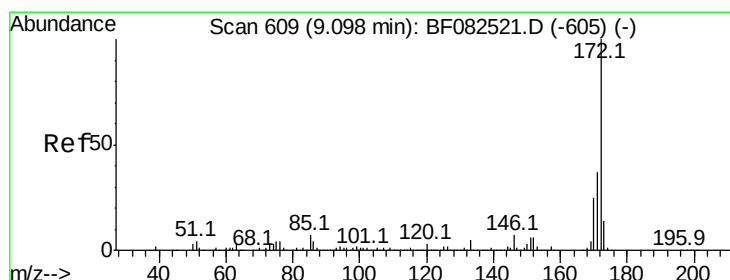
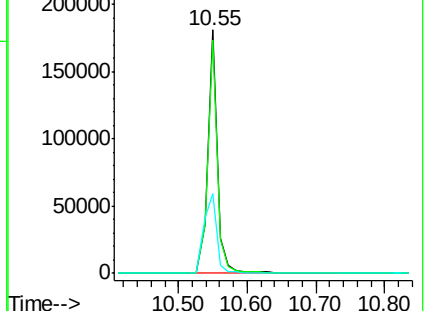
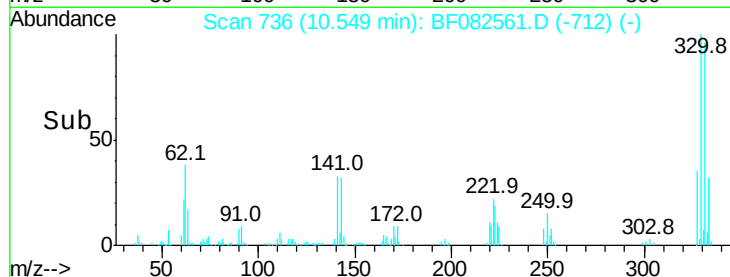
141 43.2 32.5 48.7



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: 94.46 ng

RT: 9.07 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF082561.D

Acq: 27 Oct 2015 22:11

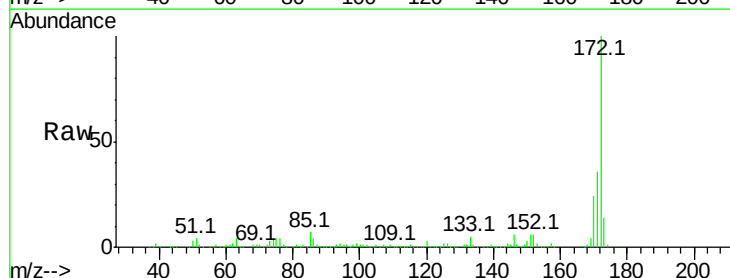
Tgt Ion:172 Resp: 948729

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

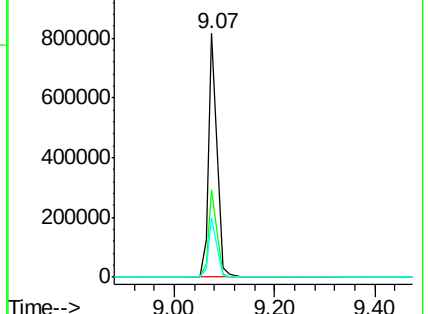
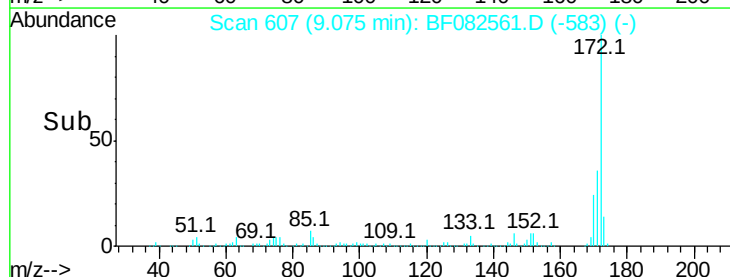
170 24.3 19.8 29.6

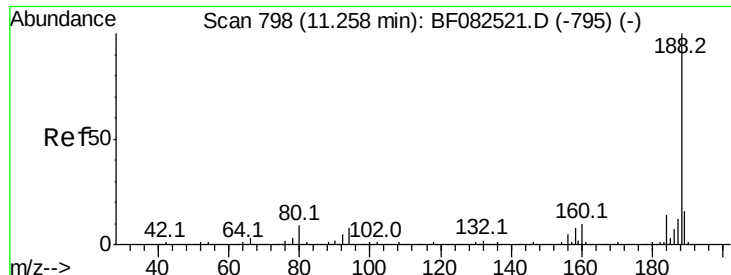


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

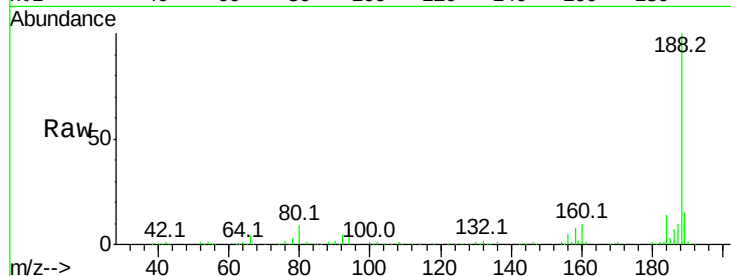




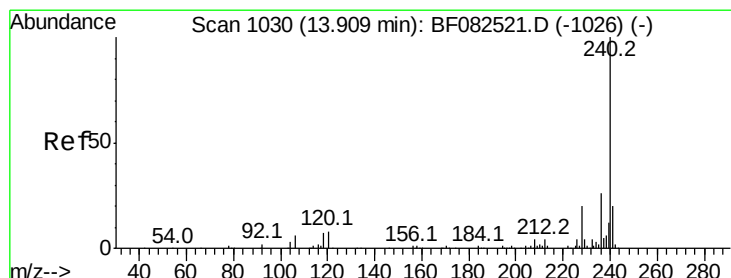
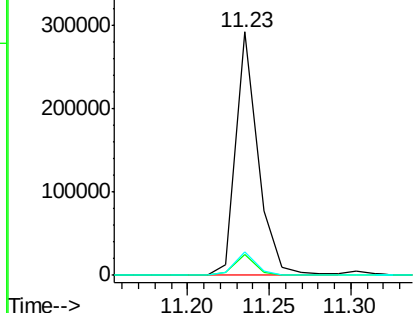
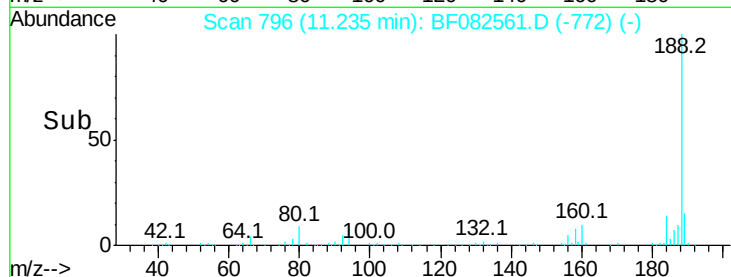
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082561.D
Acq: 27 Oct 2015 22:11

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion:188 Resp: 276418
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.5 7.0 10.6

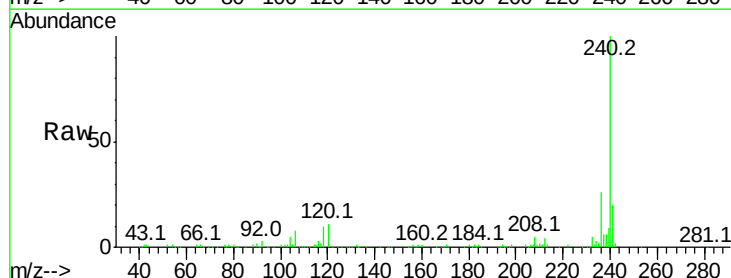


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

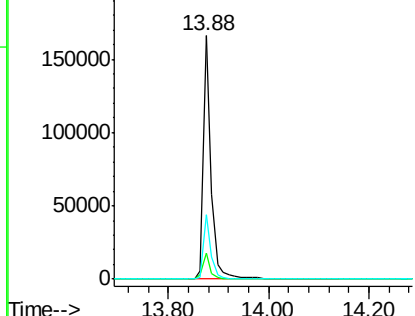
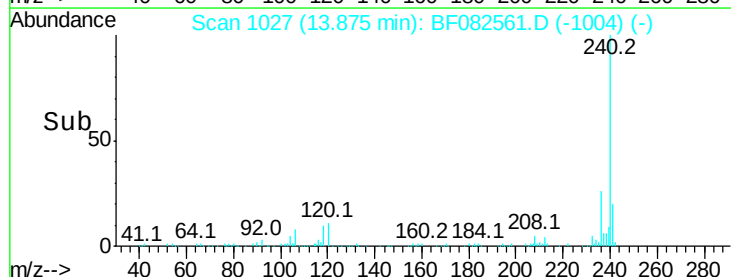


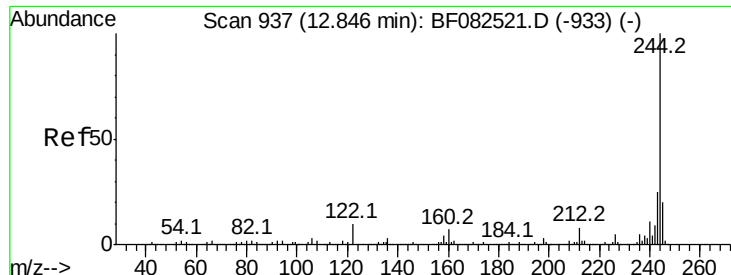
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF082561.D
Acq: 27 Oct 2015 22:11

Tgt Ion:240 Resp: 177877
Ion Ratio Lower Upper
240 100
120 10.9 6.5 9.7#
236 26.2 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

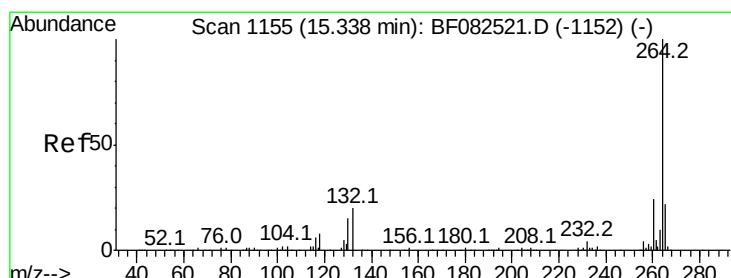
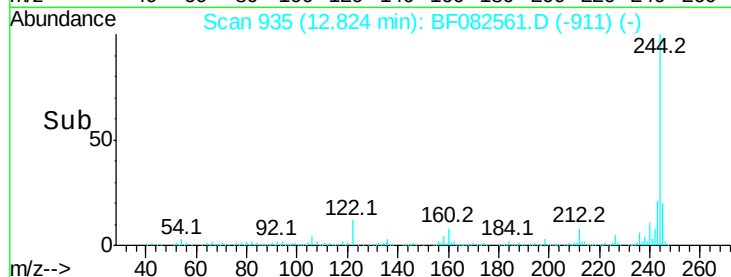
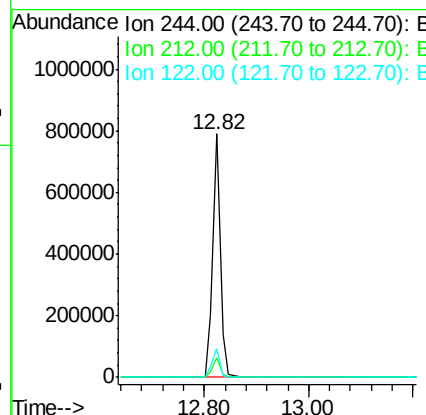
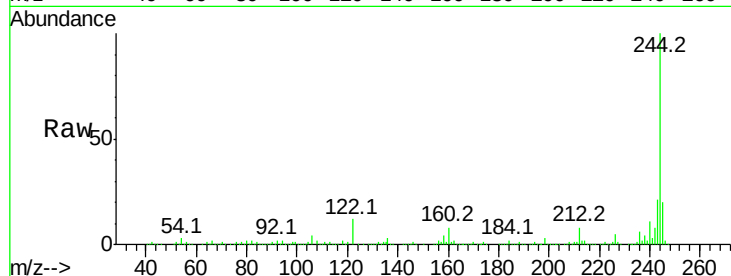




#78
 Terphenyl-d14
 Concen: 129.67 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:244 Resp: 800591
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 11.5 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF082561.D
 Acq: 27 Oct 2015 22:11

Tgt Ion:264 Resp: 166724
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.3 17.8 26.6

