

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082999.D
 Acq On : 18 Nov 2015 7:23
 Operator : UM/IZ
 Sample : G4366-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Nov 18 15:29:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	164333	20.00	ng	0.01
21) Naphthalene-d8	8.04	136	648219	20.00	ng	0.02
38) Acenaphthene-d10	9.79	164	332140	20.00	ng	0.01
63) Phenanthrene-d10	11.26	188	789681	20.00	ng	0.01
75) Chrysene-d12	13.91	240	662307	20.00	ng	0.01
86) Perylene-d12	15.30	264	510766	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1290326	122.17	ng	0.03
7) Phenol-d6	6.41	99	1383198	98.51	ng	0.01
23) Nitrobenzene-d5	7.32	82	1295581	86.97	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	511283	134.25	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1799415	77.65	ng	0.01
78) Terphenyl-d14	12.86	244	2487220	89.07	ng	0.02

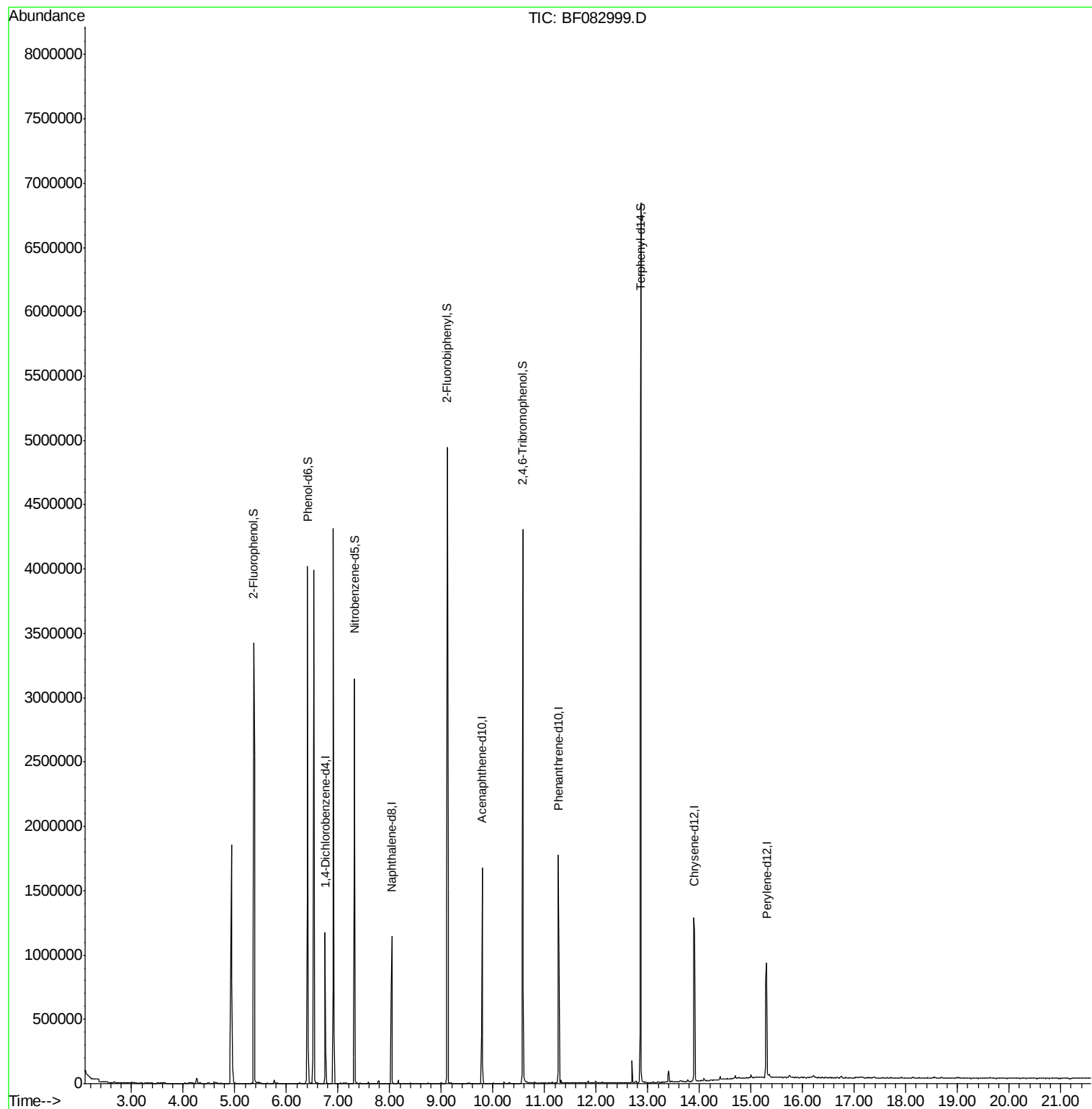
Target Compounds	Qvalue
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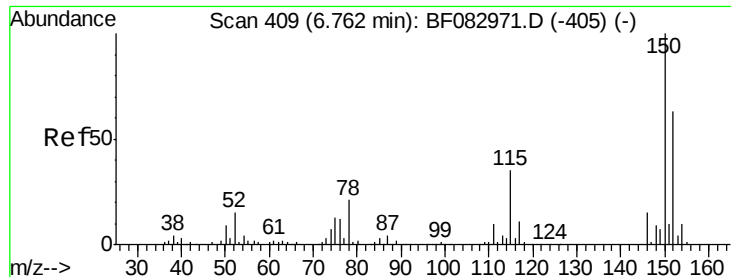
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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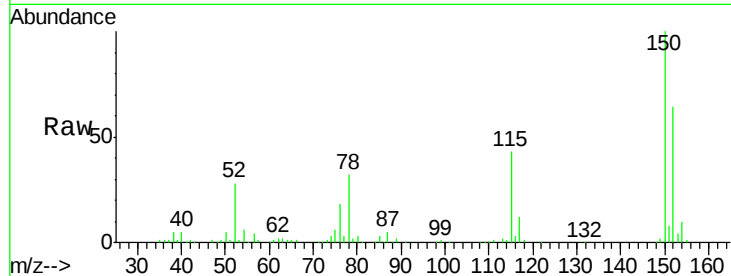




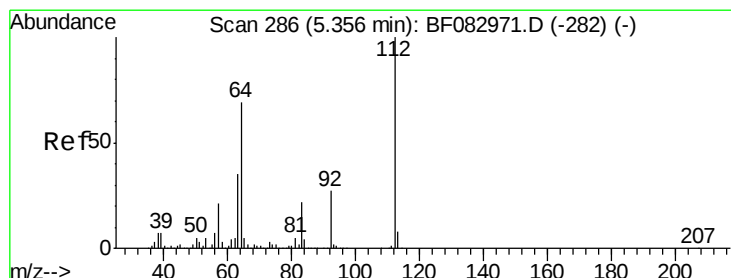
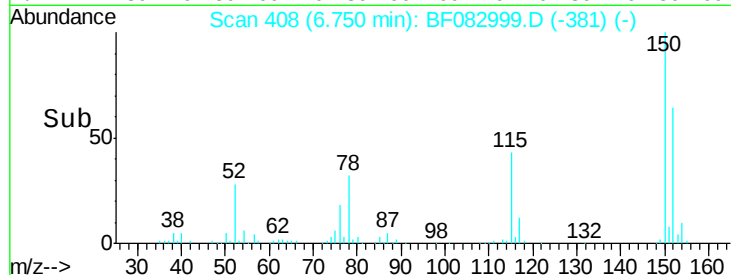
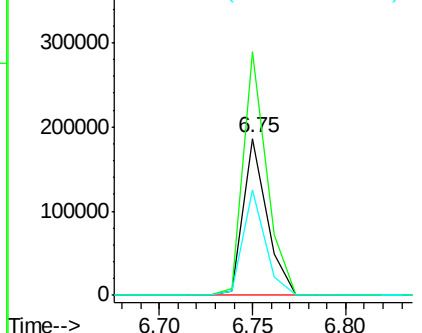
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF082999.D
 Acq: 18 Nov 2015 7:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:152 Resp: 164333
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.0 190.4
 115 67.3 47.0 70.6

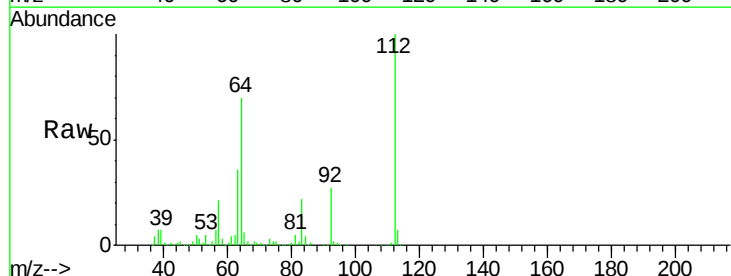


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

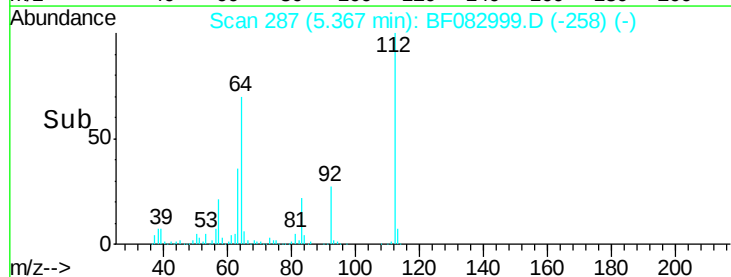
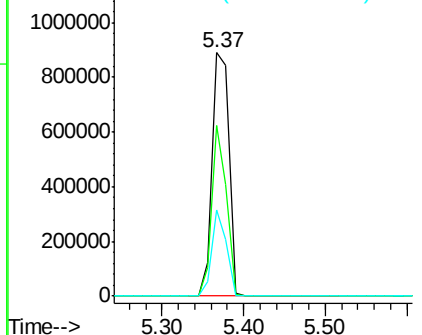


#5
 2-Fluorophenol
 Concen: 122.17 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.03 min
 Lab File: BF082999.D
 Acq: 18 Nov 2015 7:23

Tgt Ion:112 Resp: 1290326
 Ion Ratio Lower Upper
 112 100
 64 70.3 48.9 73.3
 63 35.6 28.1 42.1



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: 98.51 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF082999.D

Acq: 18 Nov 2015 7:23

Instrument :

BNA_F

ClientSampleId :

COMP-1

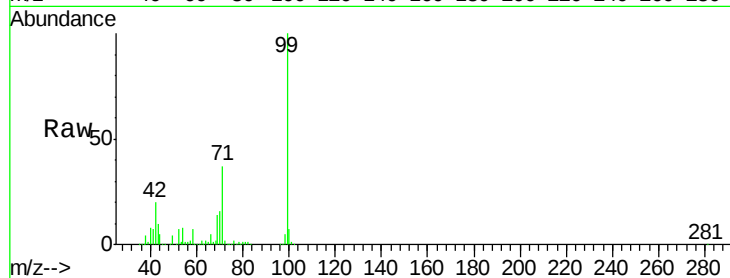
Tgt Ion: 99 Resp: 1383198

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

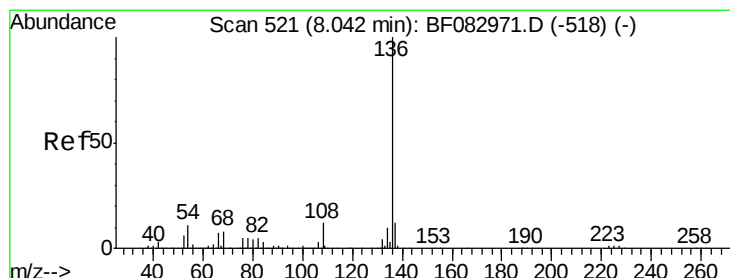
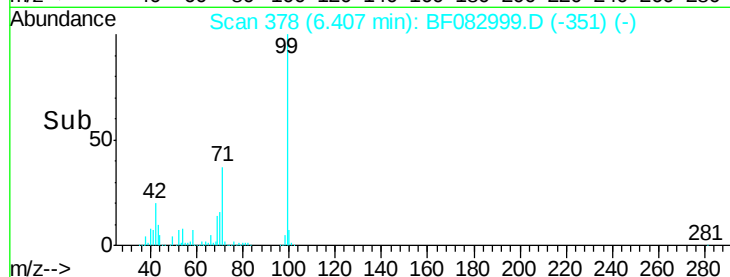
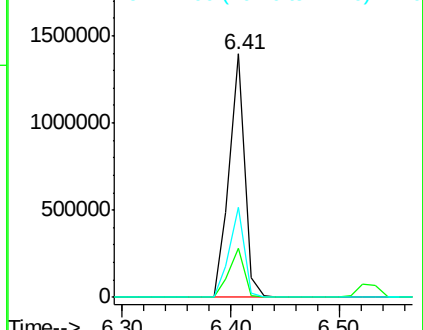
71 37.1 35.0 52.4



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: 8.04 min Scan# 521

Delta R.T. 0.02 min

Lab File: BF082999.D

Acq: 18 Nov 2015 7:23

Tgt Ion: 136 Resp: 648219

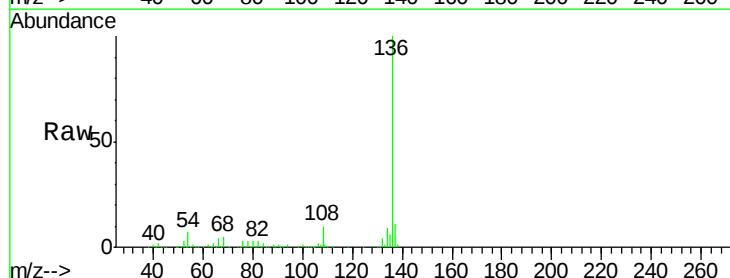
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.6 9.1 13.7#

68 4.8 4.8 7.2

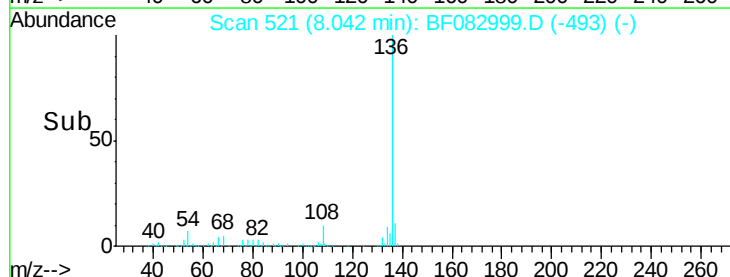
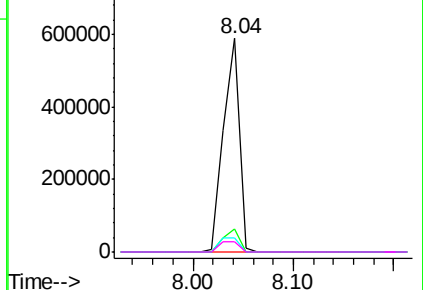


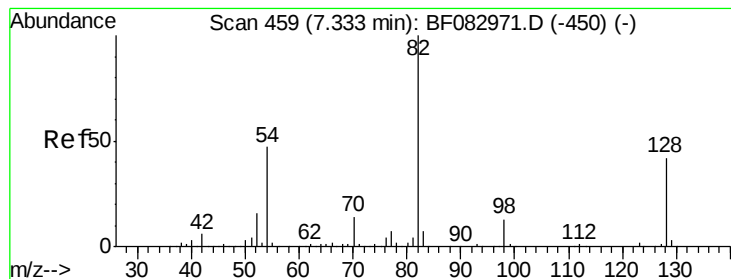
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.97 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF082999.D

Acq: 18 Nov 2015 7:23

Instrument :

BNA_F

ClientSampled :

COMP-1

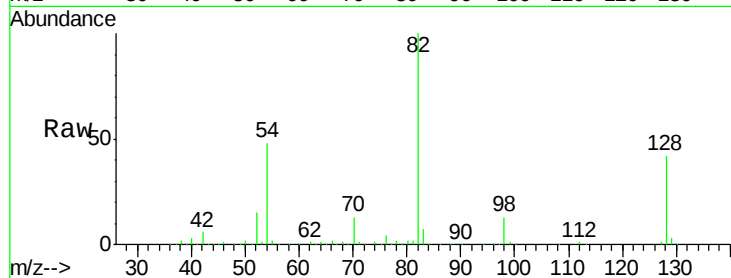
Tgt Ion: 82 Resp: 1295581

Ion Ratio Lower Upper

82 100

128 42.1 26.8 40.2#

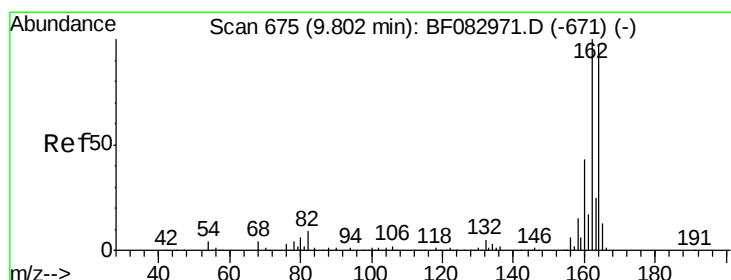
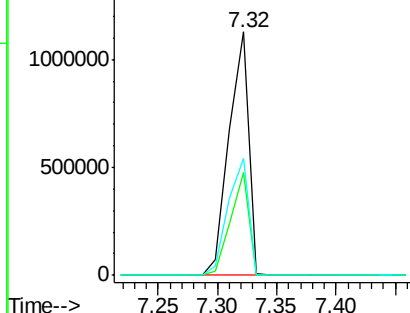
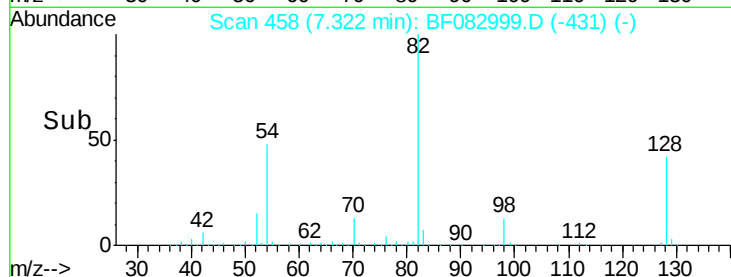
54 47.8 45.7 68.5



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: 9.79 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF082999.D

Acq: 18 Nov 2015 7:23

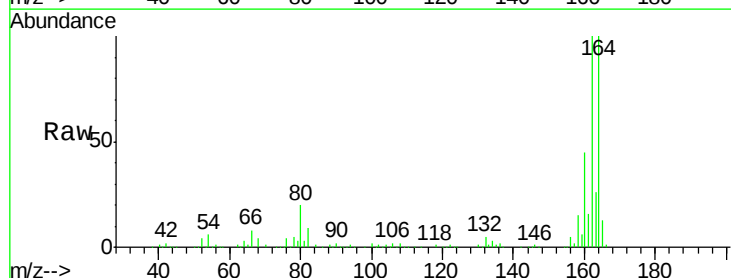
Tgt Ion: 164 Resp: 332140

Ion Ratio Lower Upper

164 100

162 99.9 84.9 127.3

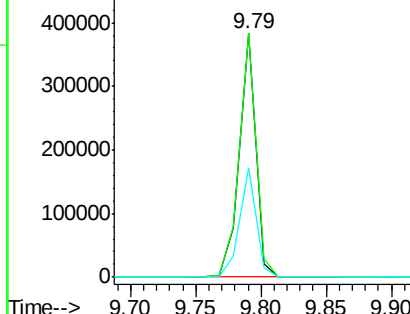
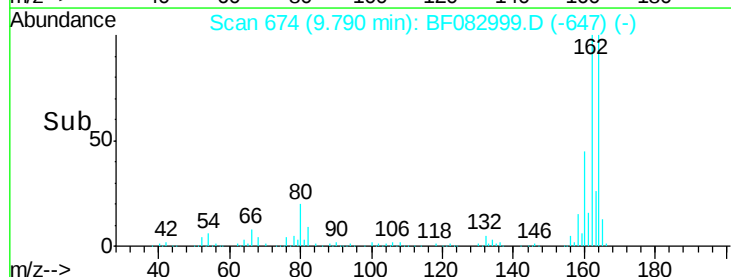
160 44.8 37.5 56.3

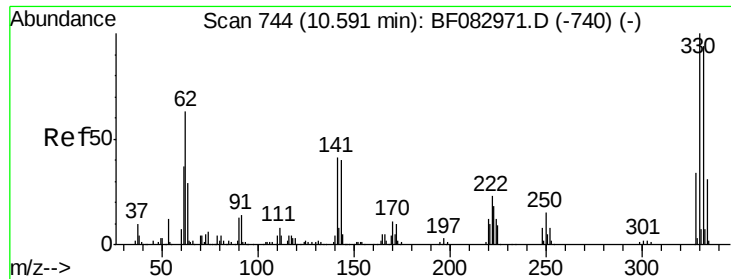


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

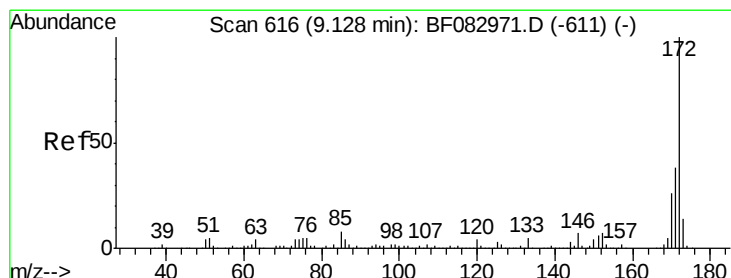
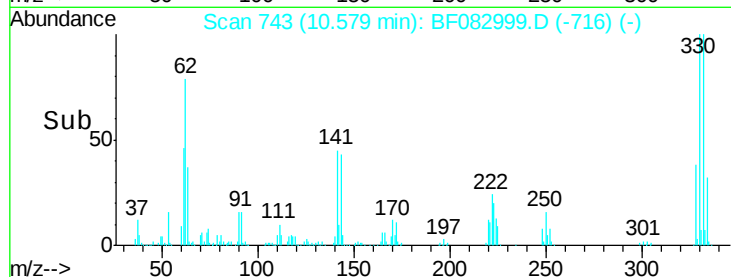
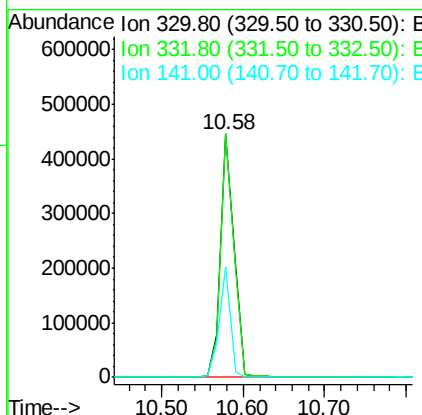
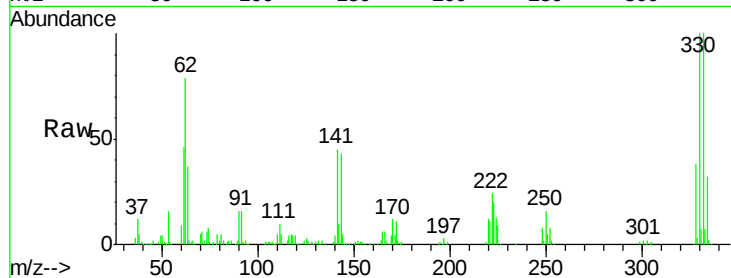




#41
 2,4,6-Tribromophenol
 Concen: 134.25 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF082999.D
 Acq: 18 Nov 2015 7:23

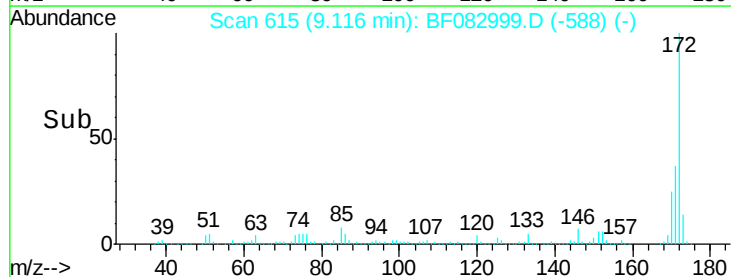
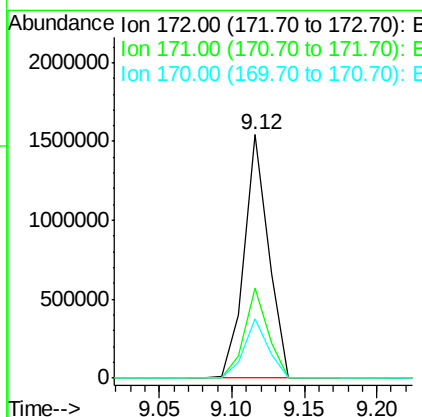
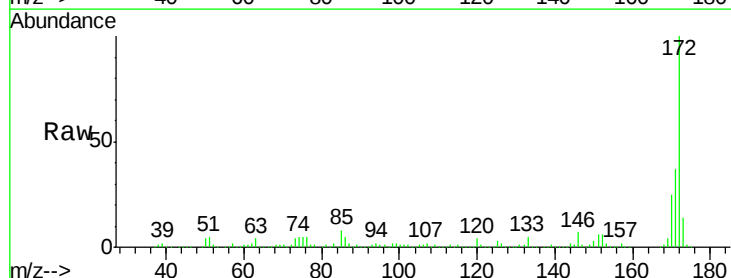
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

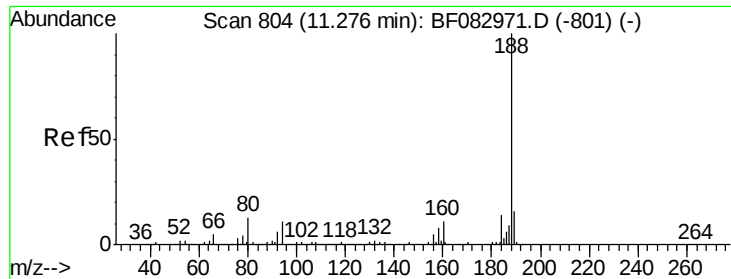
Tgt Ion:330 Resp: 511283
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 37.8 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF082999.D
 Acq: 18 Nov 2015 7:23

Tgt Ion:172 Resp: 1799415
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 24.5 21.2 31.8

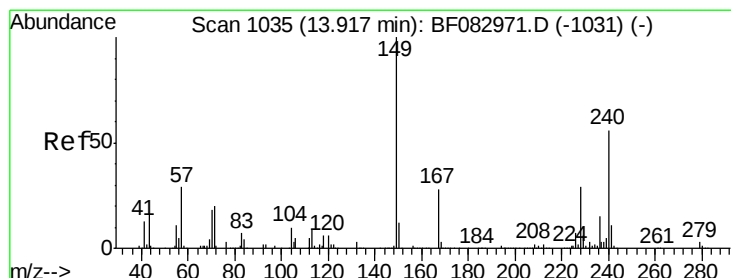
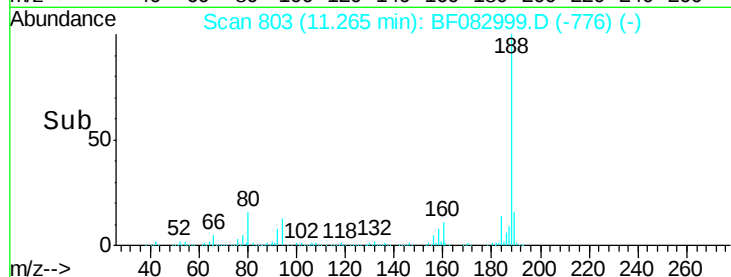
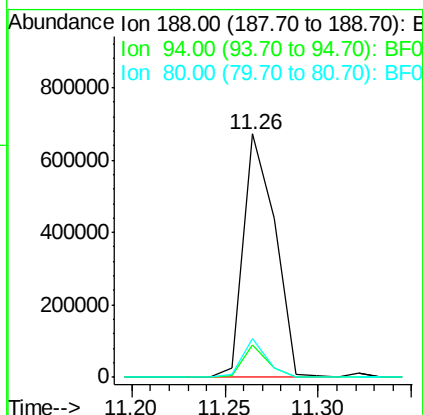
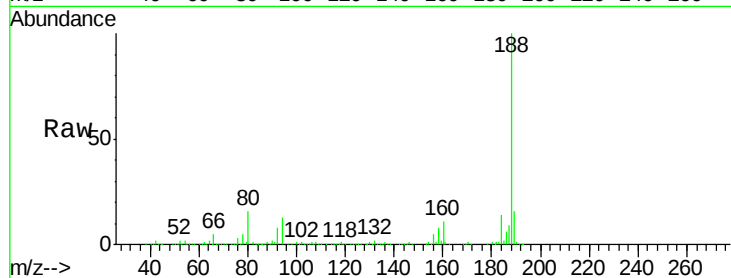




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF082999.D
Acq: 18 Nov 2015 7:23

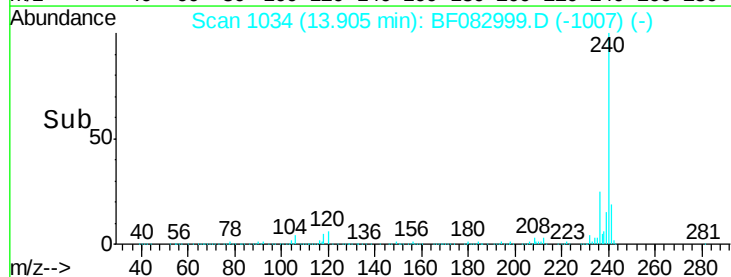
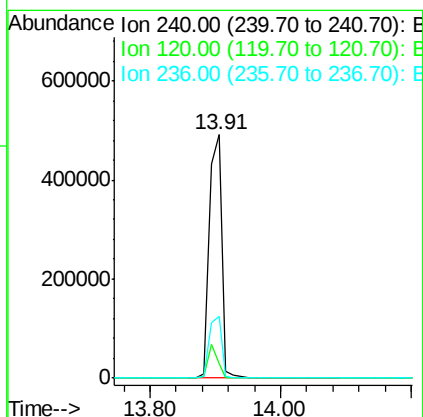
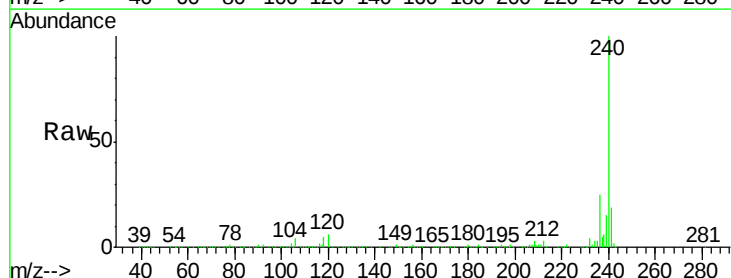
Instrument :
BNA_F
ClientSampleId :
COMP-1

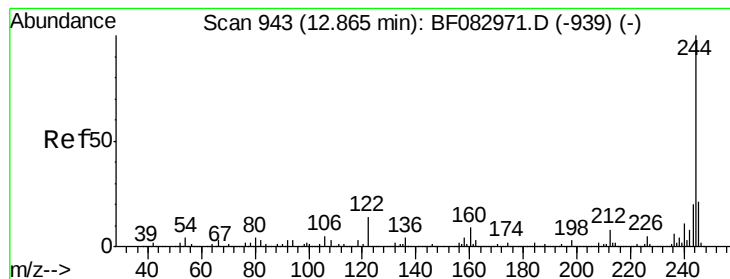
Tgt Ion:188 Resp: 789681
Ion Ratio Lower Upper
188 100
94 13.5 6.1 9.1#
80 15.8 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF082999.D
Acq: 18 Nov 2015 7:23

Tgt Ion:240 Resp: 662307
Ion Ratio Lower Upper
240 100
120 6.2 10.9 16.3#
236 25.4 21.6 32.4





#78

Terphenyl-d14

Concen: 89.07 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF082999.D

Acq: 18 Nov 2015 7:23

Instrument :

BNA_F

ClientSampleId :

COMP-1

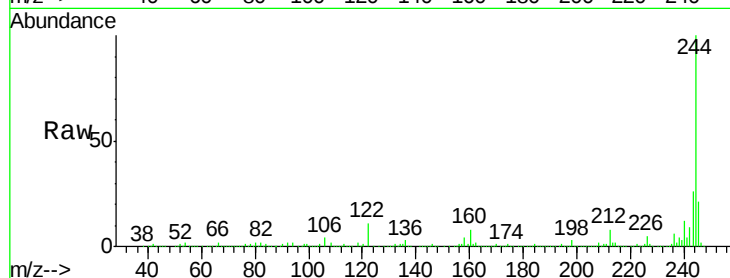
Tgt Ion:244 Resp: 2487220

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

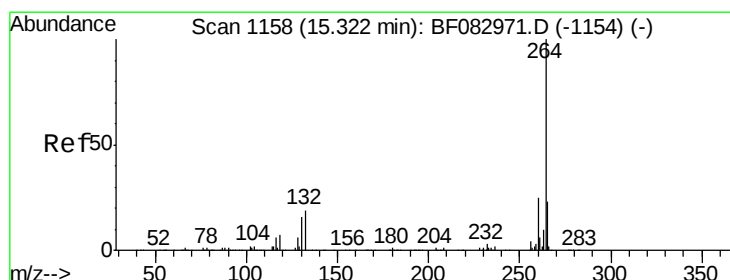
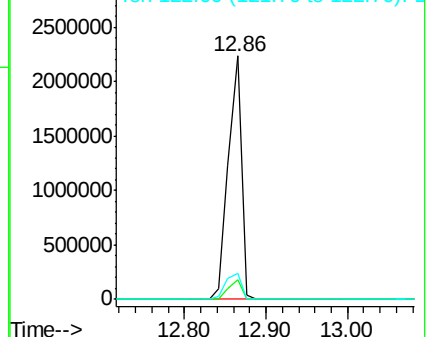
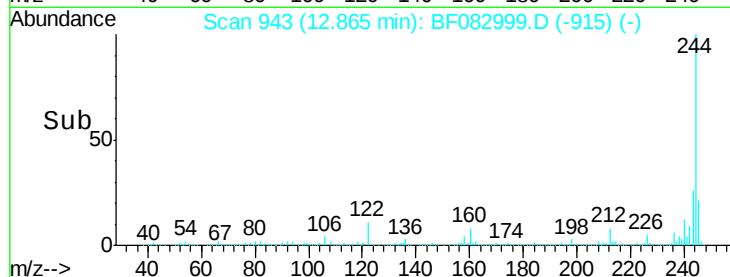
122 10.5 11.3 16.9#



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: 15.30 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BF082999.D

Acq: 18 Nov 2015 7:23

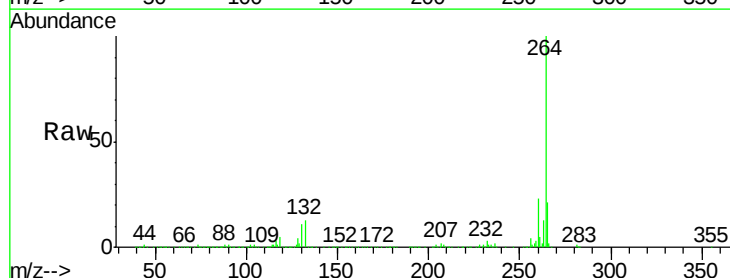
Tgt Ion:264 Resp: 510766

Ion Ratio Lower Upper

264 100

260 22.9 19.8 29.6

265 21.2 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

