

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085015.D
 Acq On : 11 Feb 2016 13:29
 Operator : SJ/IZ
 Sample : PB88282BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BL

Quant Time: Feb 11 17:11:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	141769	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	631628	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	302481	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	549363	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	435490	20.00	ng	-0.02
86) Perylene-d12	15.11	264	301584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	748061	82.19	ng	0.00
7) Phenol-d6	6.26	99	856120	75.87	ng	-0.02
23) Nitrobenzene-d5	7.18	82	861559	76.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	243813	77.28	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1715946	102.69	ng	-0.01
78) Terphenyl-d14	12.72	244	1704126	88.67	ng	-0.01

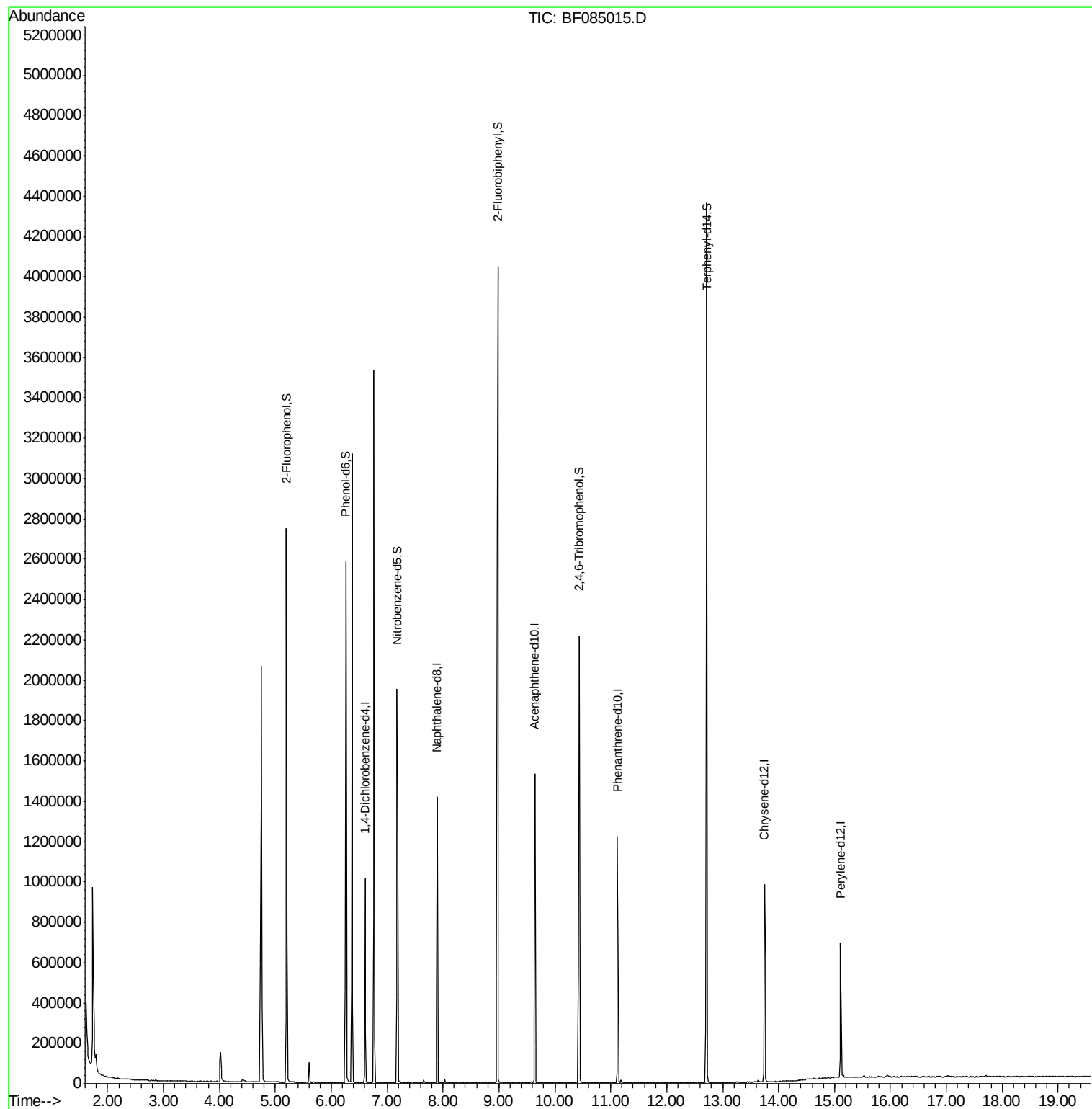
Target Compounds	Qvalue
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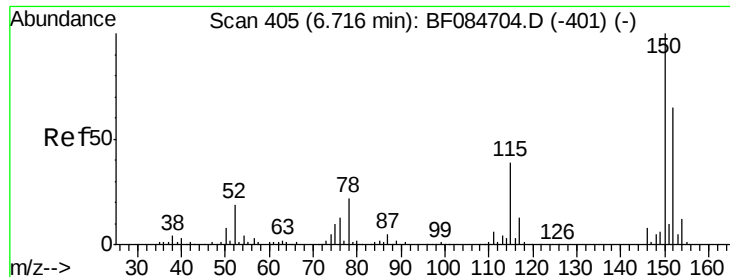
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085015.D

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Instrument :

BNA_F

ClientSampleId :

PB88282BL

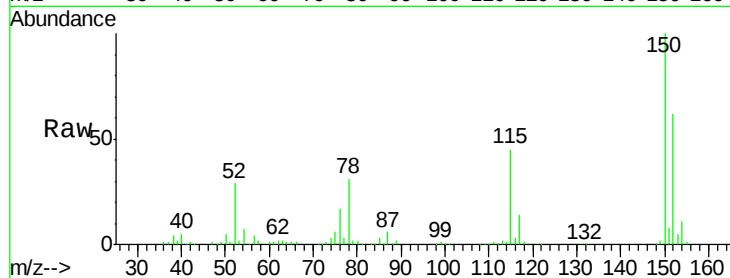
Tgt Ion:152 Resp: 141769

Ion Ratio Lower Upper

152 100

150 162.0 123.0 184.4

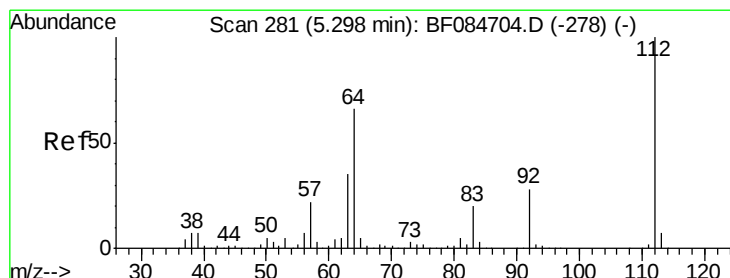
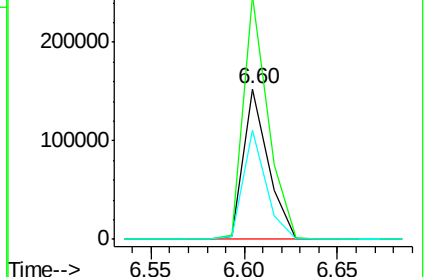
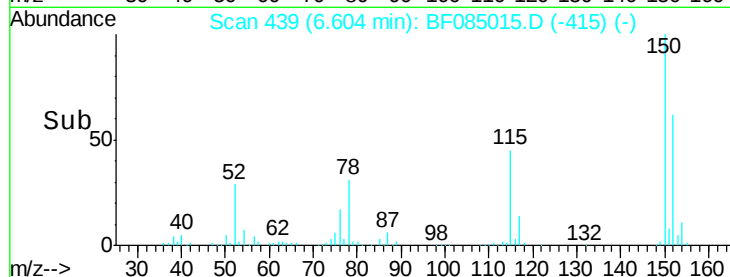
115 72.9 51.4 77.2



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: 82.19 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

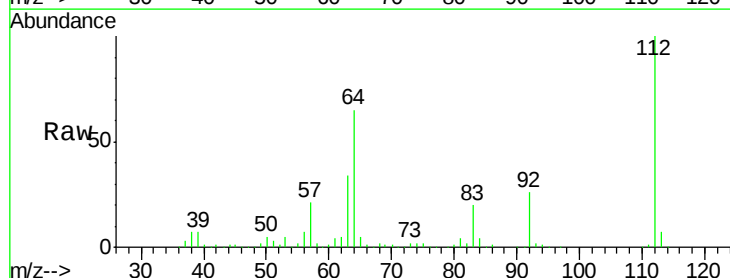
Tgt Ion:112 Resp: 748061

Ion Ratio Lower Upper

112 100

64 65.2 36.6 55.0#

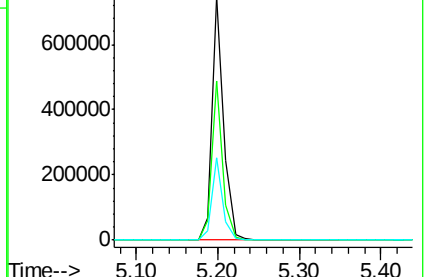
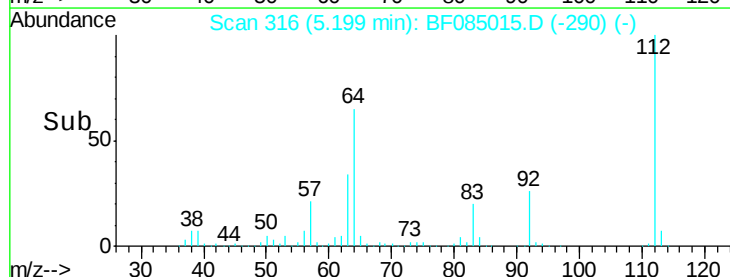
63 33.7 19.4 29.0#



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: 75.87 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

Instrument :

BNA_F

ClientSampleId :

PB88282BL

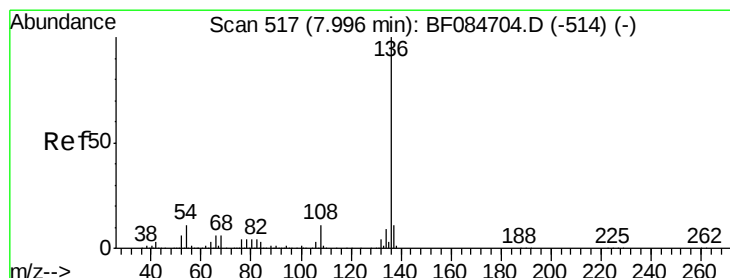
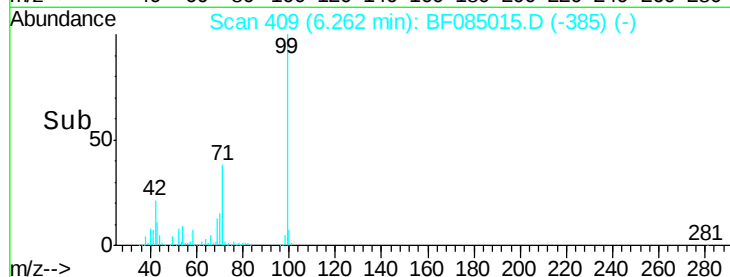
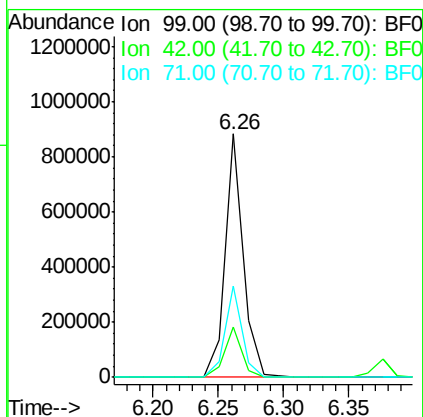
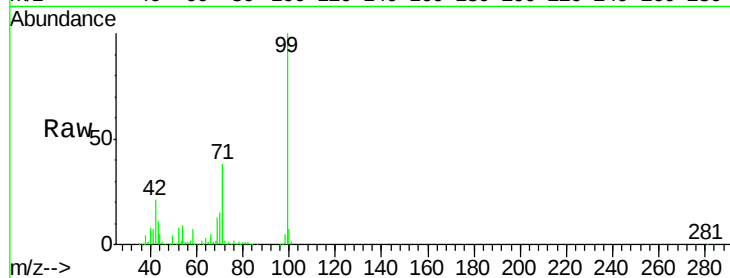
Tgt Ion: 99 Resp: 856120

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

71 37.5 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085015.D

Acq: 11 Feb 2016 13:29

Tgt Ion: 136 Resp: 631628

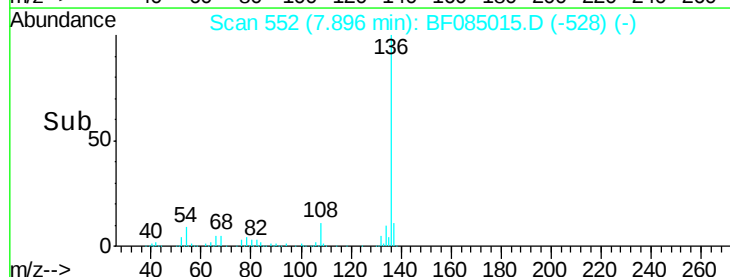
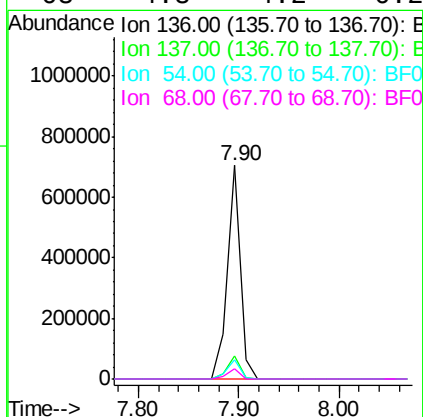
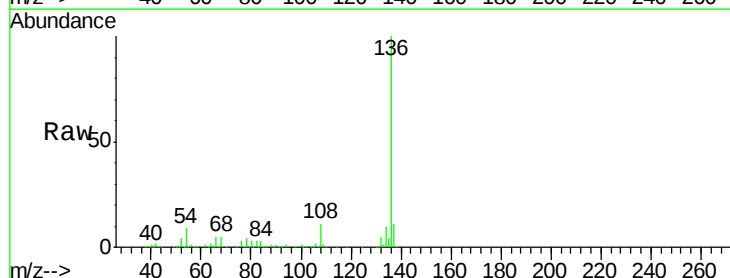
Ion Ratio Lower Upper

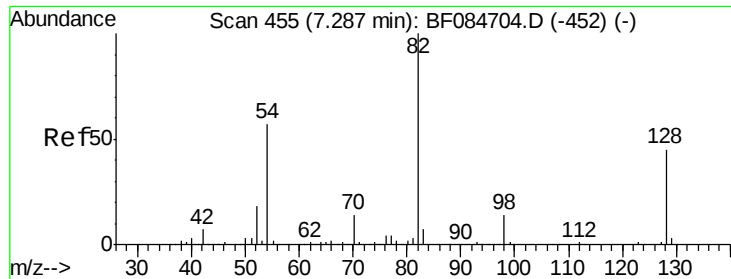
136 100

137 11.1 8.7 13.1

54 8.9 5.8 8.8#

68 4.8 4.2 6.2

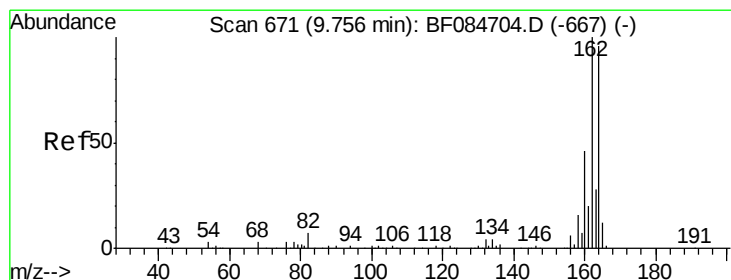
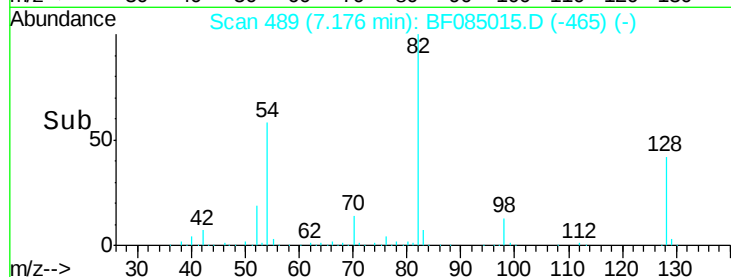
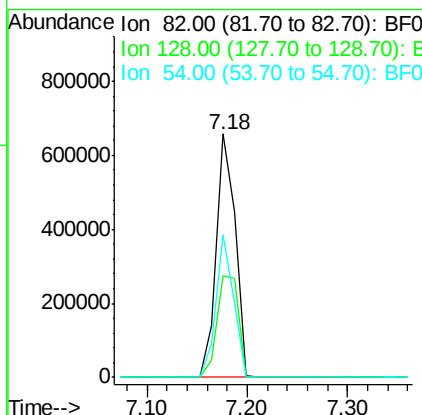
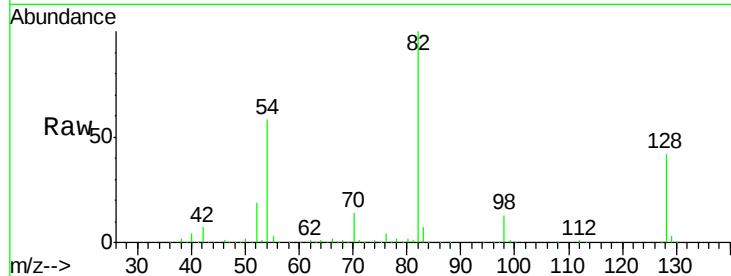




#23
 Nitrobenzene-d5
 Concen: 76.84 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

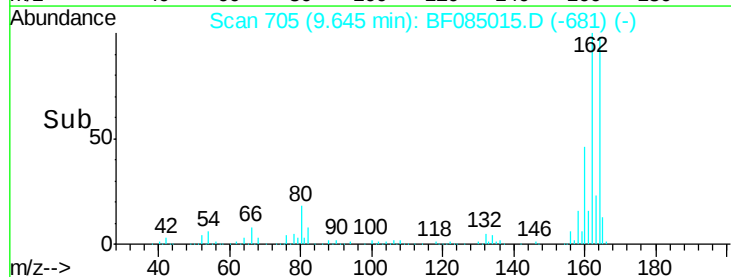
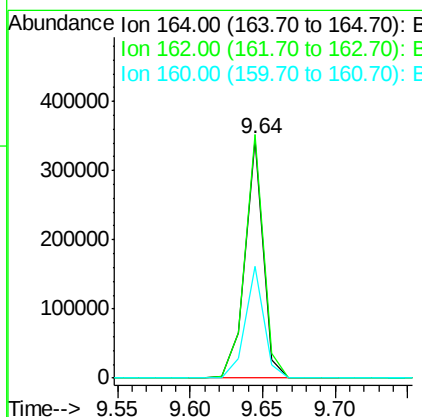
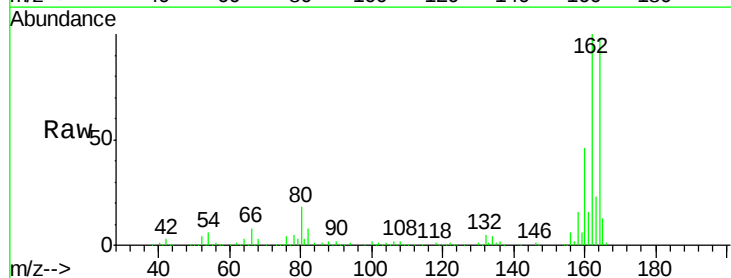
Instrument :
 BNA_F
 ClientSampled :
 PB88282BL

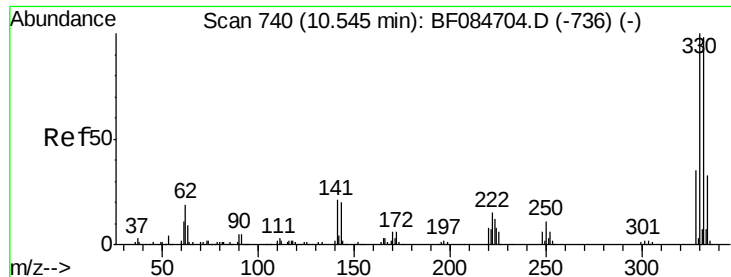
Tgt Ion: 82 Resp: 861559
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 51.8
 54 58.3 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

Tgt Ion: 164 Resp: 302481
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 46.8 37.5 56.3

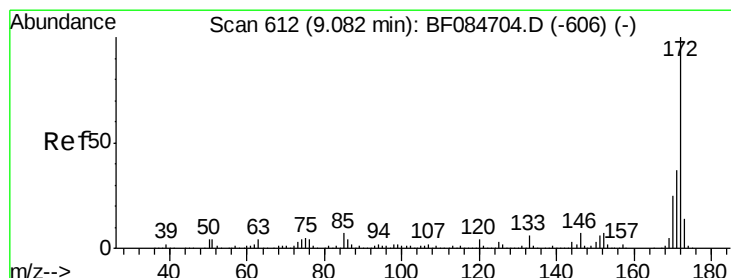
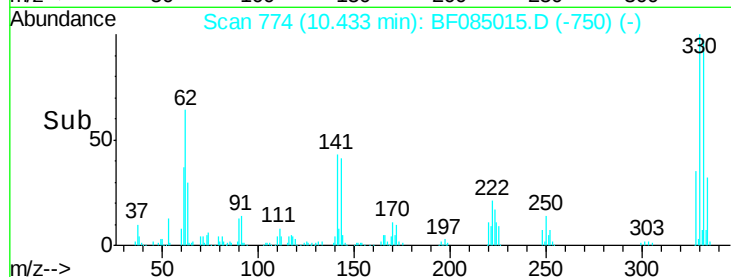
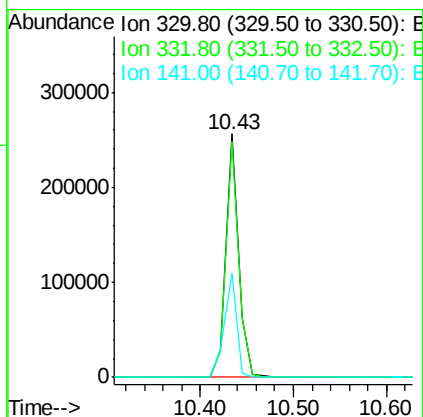
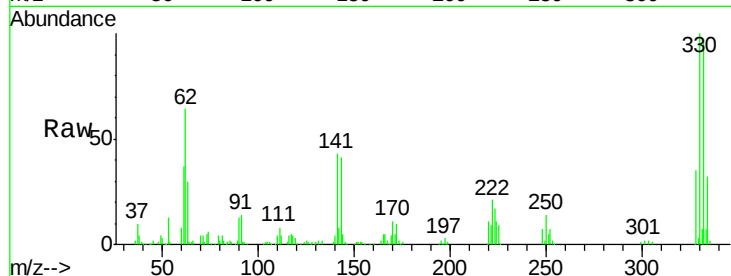




#41
 2,4,6-Tribromophenol
 Concen: 77.28 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

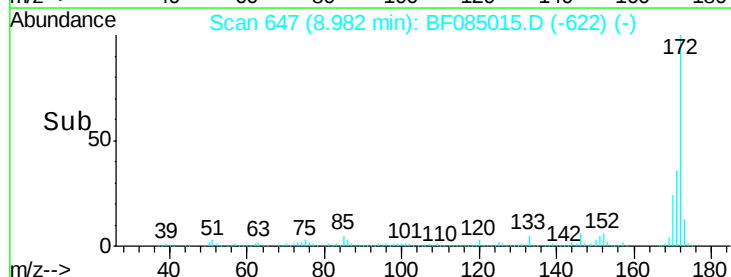
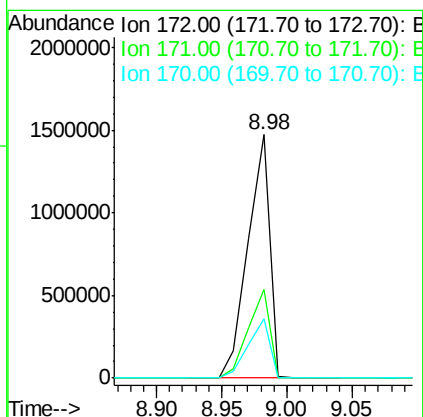
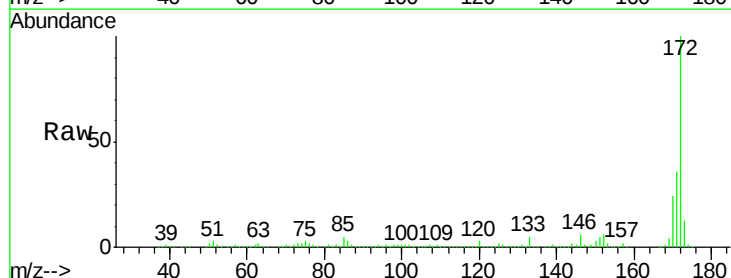
Instrument :
 BNA_F
 ClientSampleId :
 PB88282BL

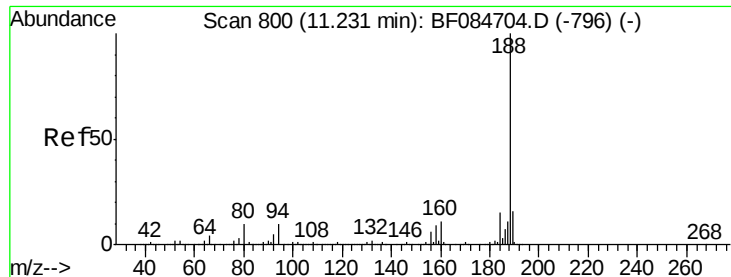
Tgt Ion:330 Resp: 243813
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 41.1 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 102.69 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

Tgt Ion:172 Resp: 1715946
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.5 18.6 27.8

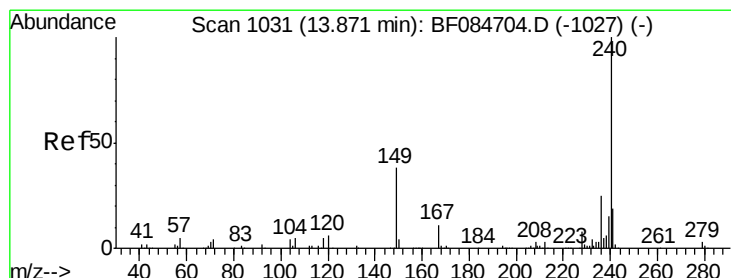
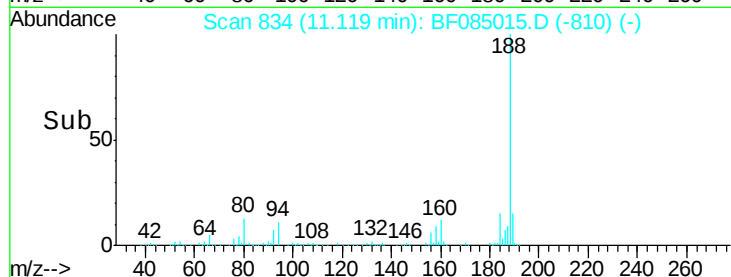
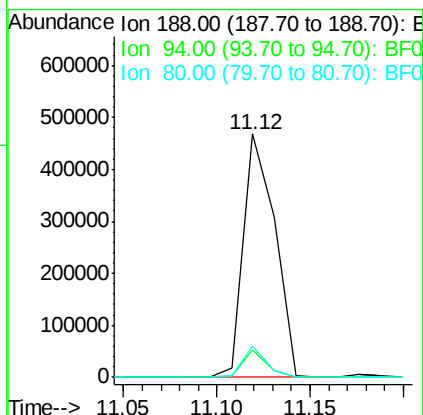
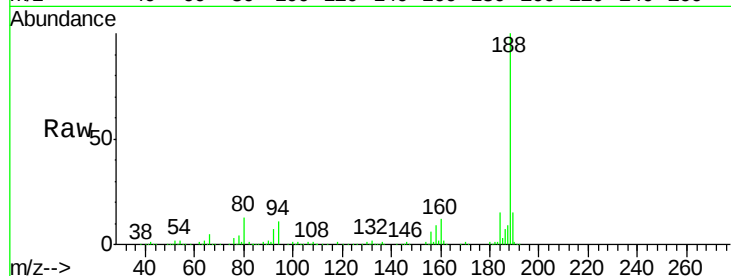




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085015.D
Acq: 11 Feb 2016 13:29

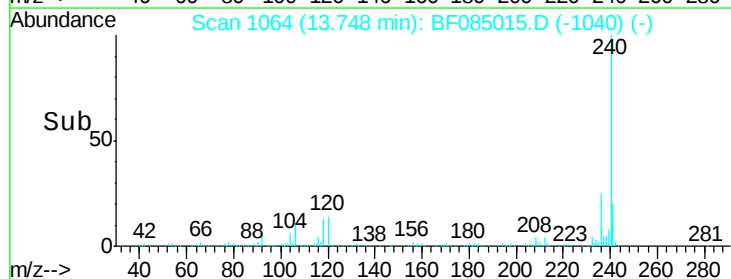
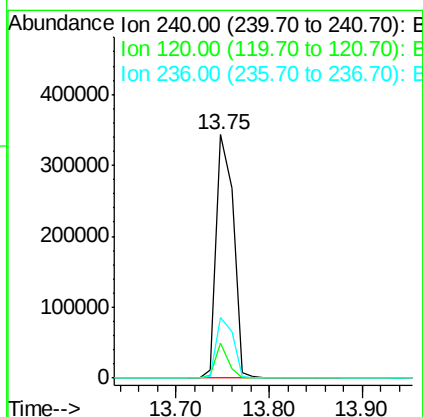
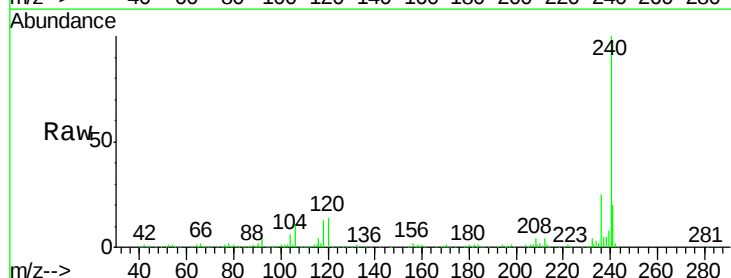
Instrument :
BNA_F
ClientSampleId :
PB88282BL

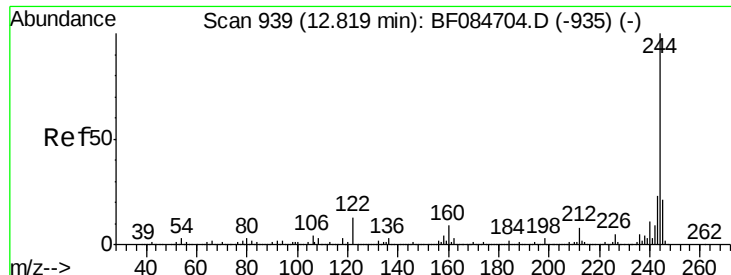
Tgt Ion:188 Resp: 549363
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.4
80 12.8 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085015.D
Acq: 11 Feb 2016 13:29

Tgt Ion:240 Resp: 435490
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3
236 25.0 20.6 31.0

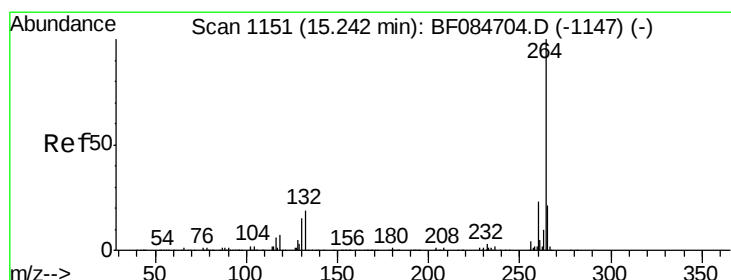
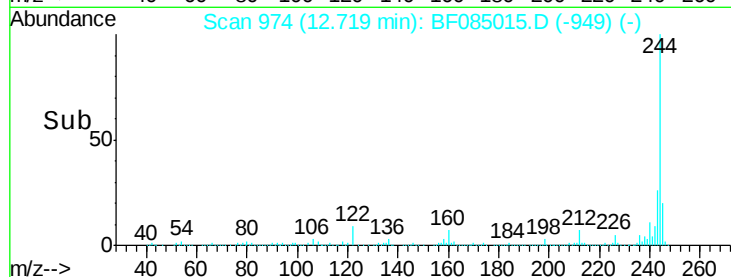
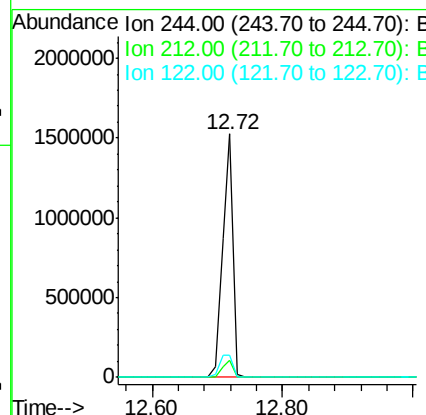
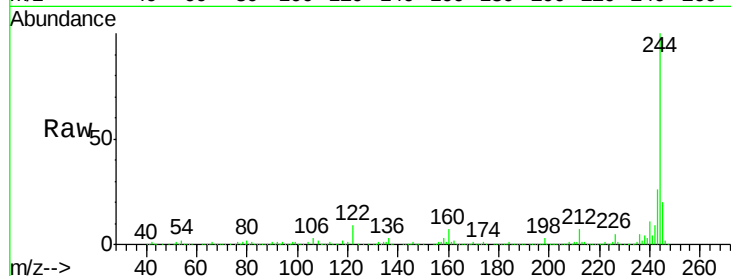




#78
 Terphenyl-d14
 Concen: 88.67 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB88282BL

Tgt Ion:244 Resp: 1704126
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085015.D
 Acq: 11 Feb 2016 13:29

Tgt Ion:264 Resp: 301584
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.7 17.8 26.6

