

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079286.D
 Acq On : 15 May 2015 23:01
 Operator : TP/IZ
 Sample : G2269-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1505123098

Quant Time: May 16 00:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	61575	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	255999	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	123303	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	234927	20.00	ng	0.00
75) Chrysene-d12	16.05	240	218625	20.00	ng	-0.05
86) Perylene-d12	17.77	264	213377	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	229747	64.23	ng	0.00
7) Phenol-d6	6.74	99	320479	67.78	ng	-0.01
23) Nitrobenzene-d5	7.86	82	175302	39.36	ng	-0.01
41) 2,4,6-Tribromophenol	11.91	330	90810	68.08	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	389432	44.00	ng	0.00
78) Terphenyl-d14	14.75	244	415643	45.52	ng	-0.01

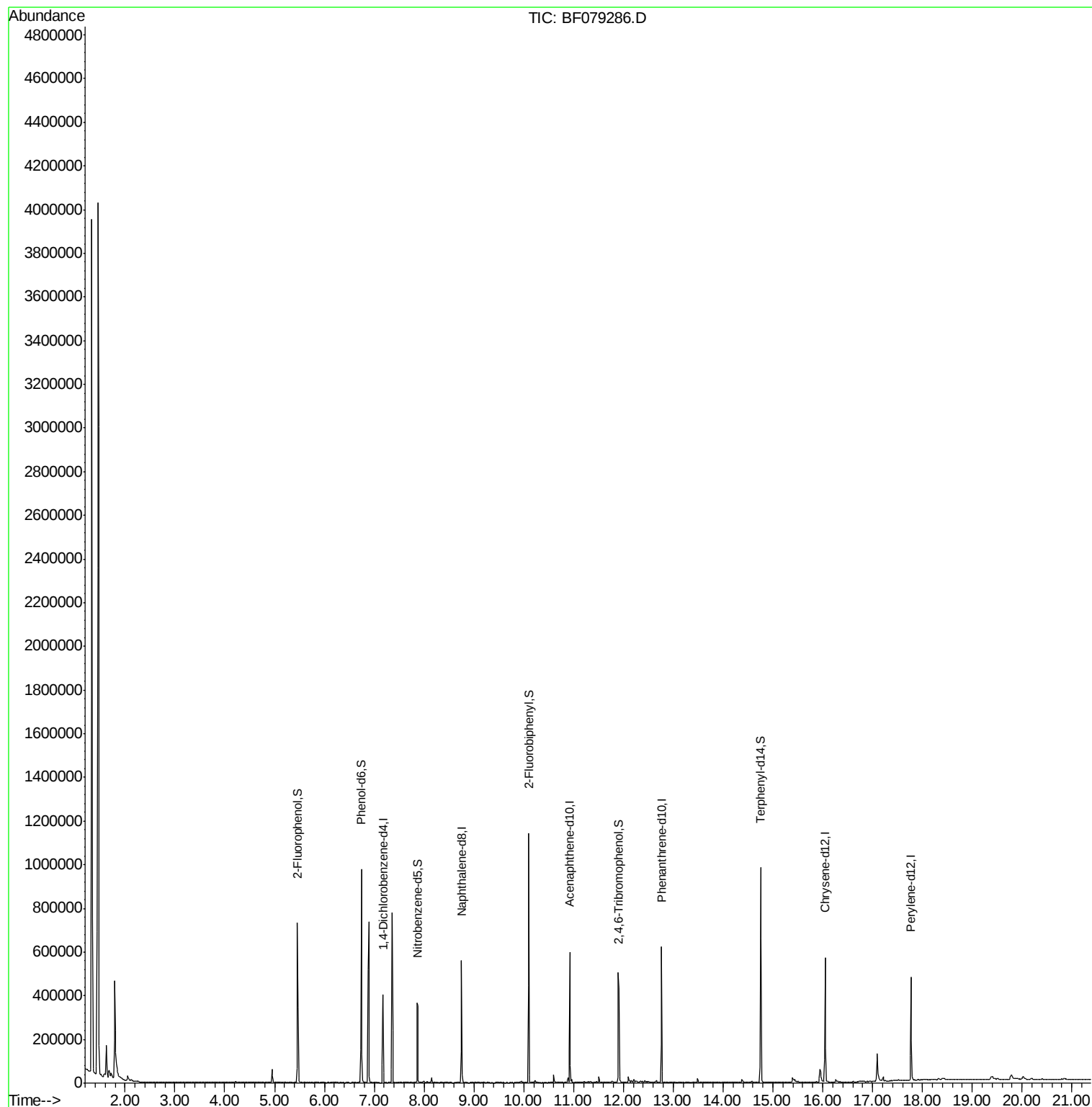
Target Compounds	Qvalue
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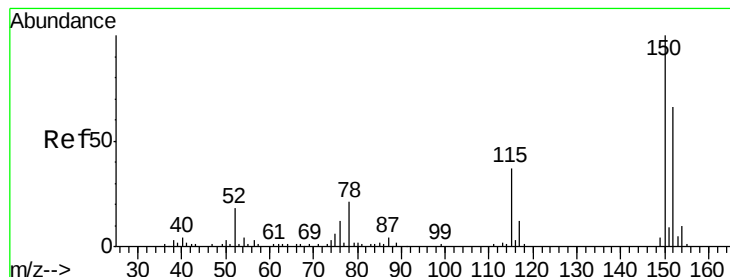
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1505123098

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF079286.D

Acq: 15 May 2015 23:01

Instrument :

BNA_F

ClientSampleId :

1505123098

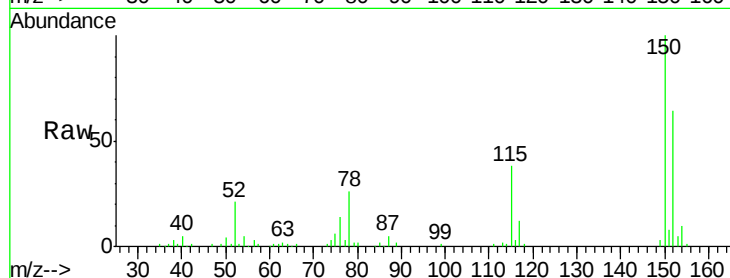
Tgt Ion:152 Resp: 61575

Ion Ratio Lower Upper

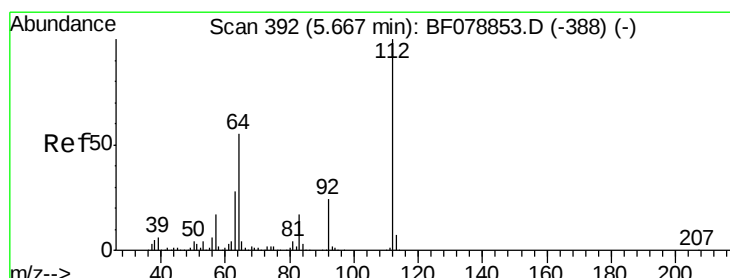
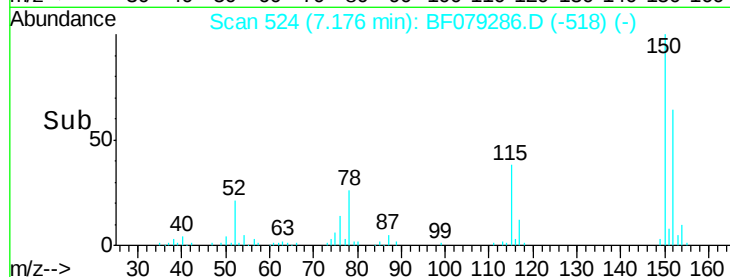
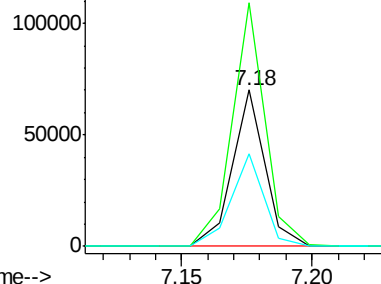
152 100

150 156.1 123.8 185.8

115 59.6 49.4 74.0



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: 64.23 ng

RT: 5.46 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF079286.D

Acq: 15 May 2015 23:01

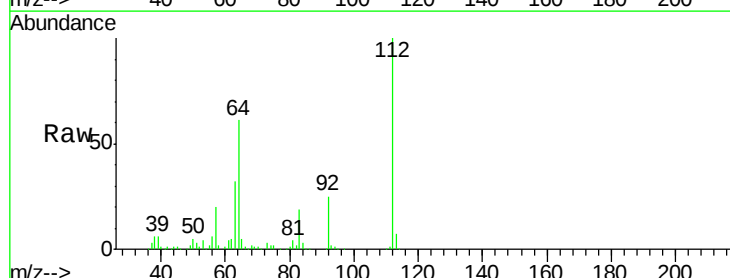
Tgt Ion:112 Resp: 229747

Ion Ratio Lower Upper

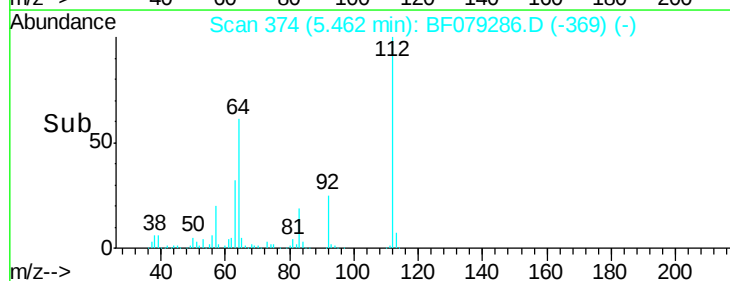
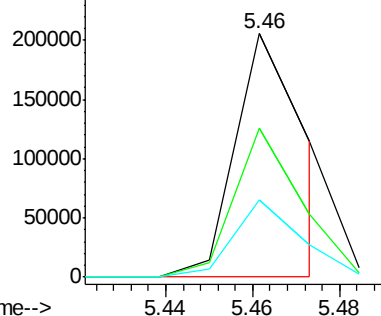
112 100

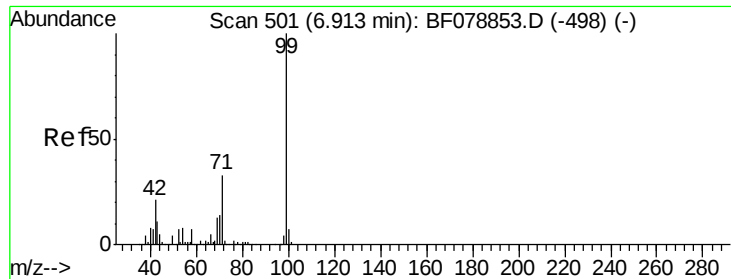
64 61.3 44.2 66.2

63 31.7 22.7 34.1



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: 67.78 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079286.D

Acq: 15 May 2015 23:01

Instrument :

BNA_F

ClientSampleId :

1505123098

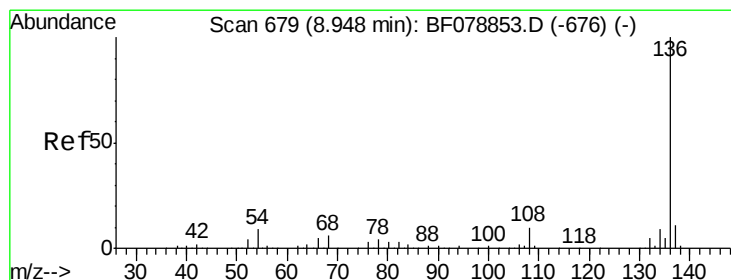
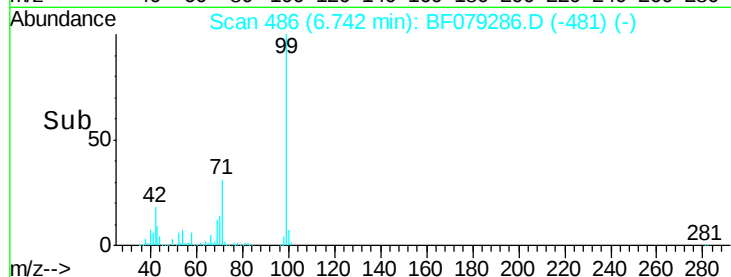
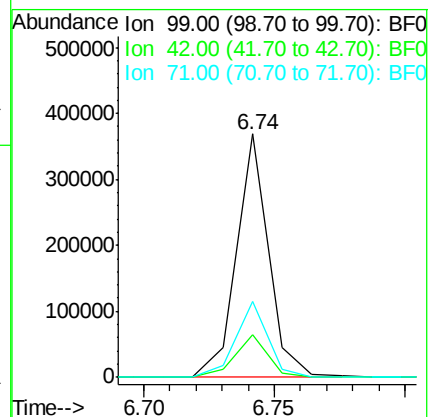
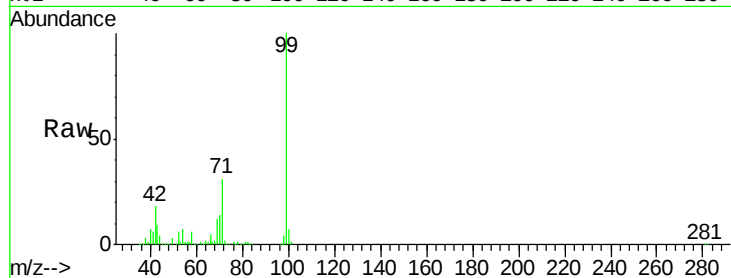
Tgt Ion: 99 Resp: 320479

Ion Ratio Lower Upper

99 100

42 17.7 17.1 25.7

71 31.1 26.3 39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079286.D

Acq: 15 May 2015 23:01

Tgt Ion: 136 Resp: 255999

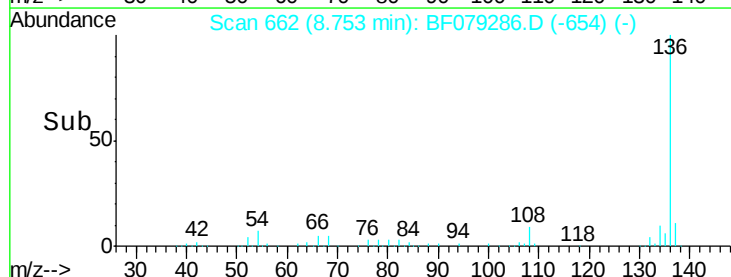
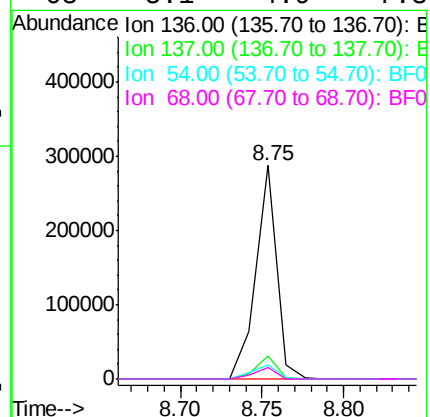
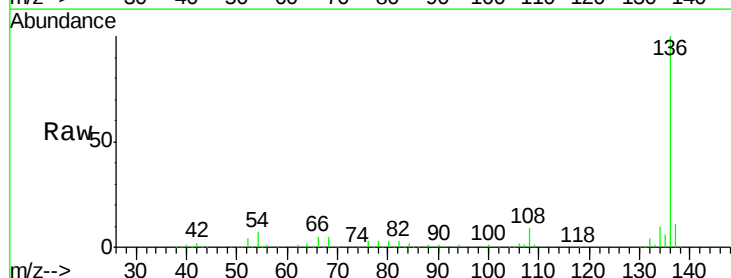
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.7 6.9 10.3#

68 5.1 4.9 7.3

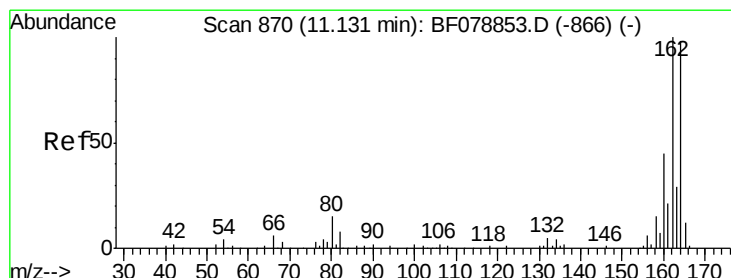
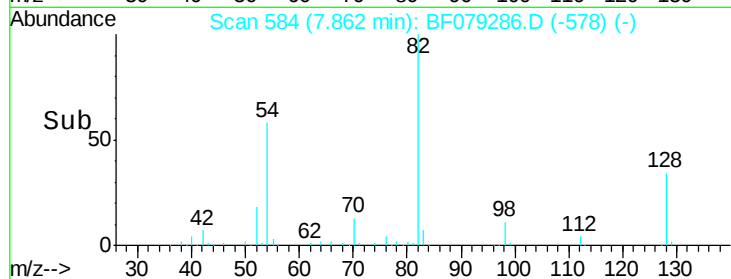
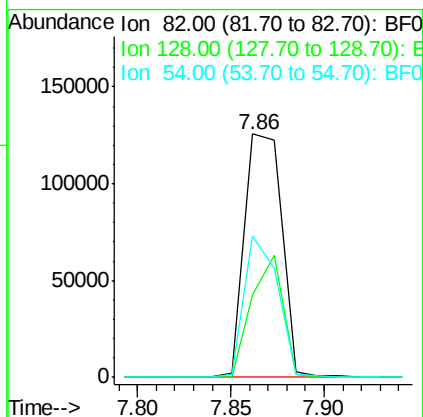
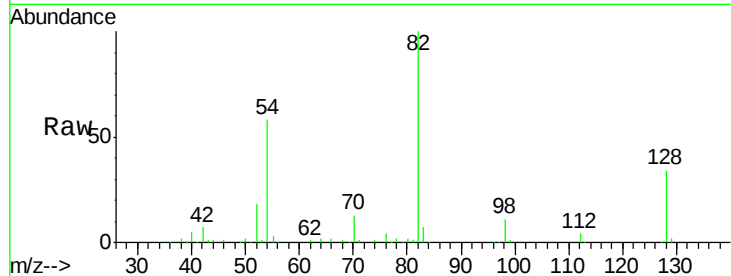




#23
Nitrobenzene-d5
Concen: 39.36 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF079286.D
Acq: 15 May 2015 23:01

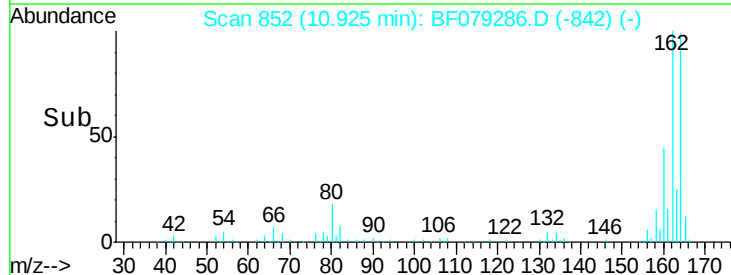
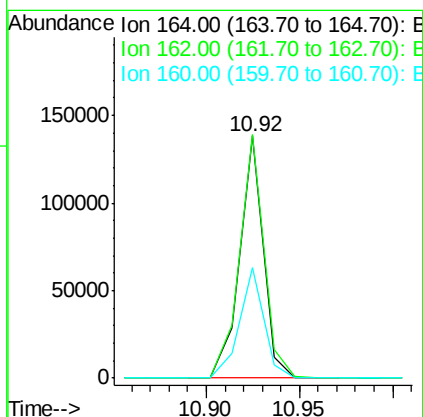
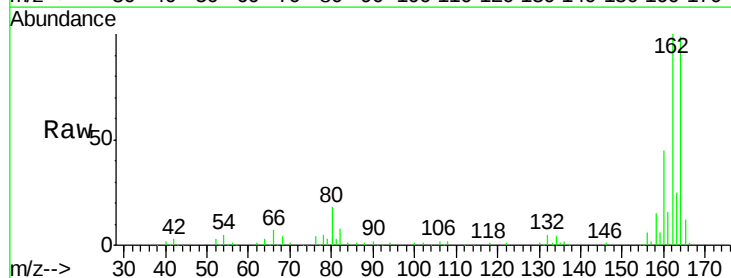
Instrument :
BNA_F
ClientSampleId :
1505123098

Tgt Ion: 82 Resp: 175302
Ion Ratio Lower Upper
82 100
128 34.0 29.7 44.5
54 57.9 46.2 69.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF079286.D
Acq: 15 May 2015 23:01

Tgt Ion: 164 Resp: 123303
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 45.6 36.6 54.8

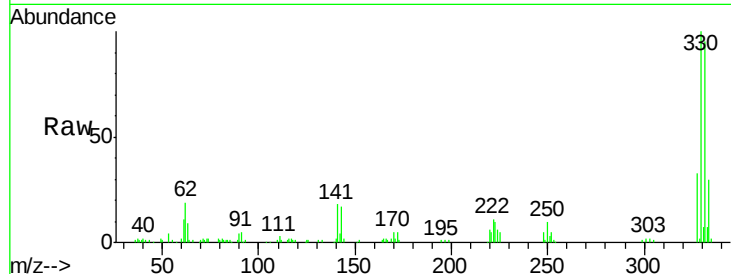




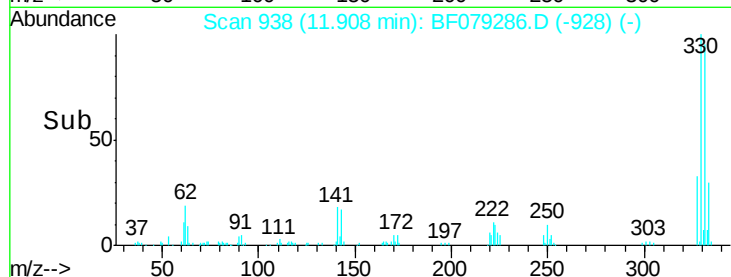
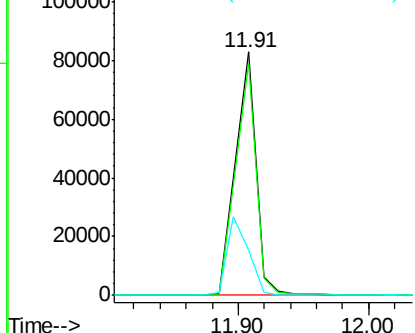
#41
 2,4,6-Tribromophenol
 Concen: 68.08 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079286.D
 Acq: 15 May 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 1505123098

Tgt Ion:330 Resp: 90810
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.9 115.3
 141 33.3 27.8 41.8

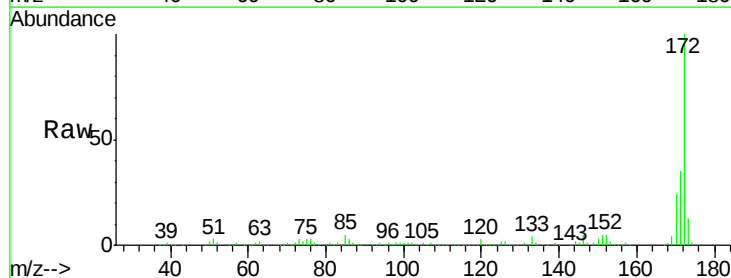


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

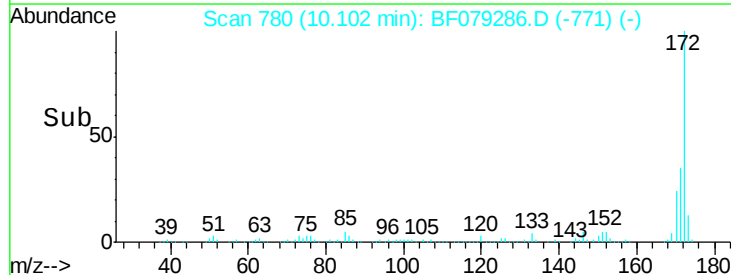
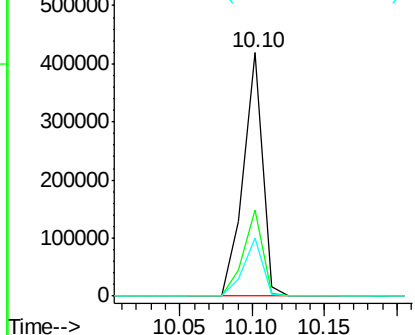


#44
 2-Fluorobiphenyl
 Concen: 44.00 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079286.D
 Acq: 15 May 2015 23:01

Tgt Ion:172 Resp: 389432
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.9 19.4 29.2



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

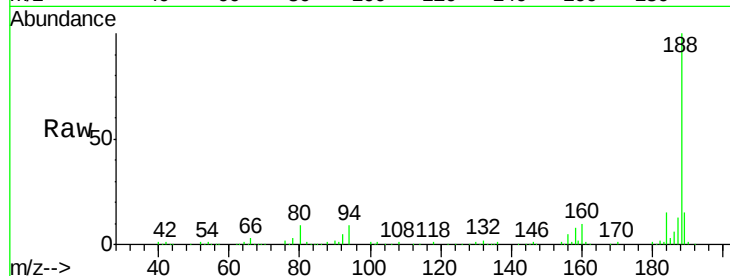




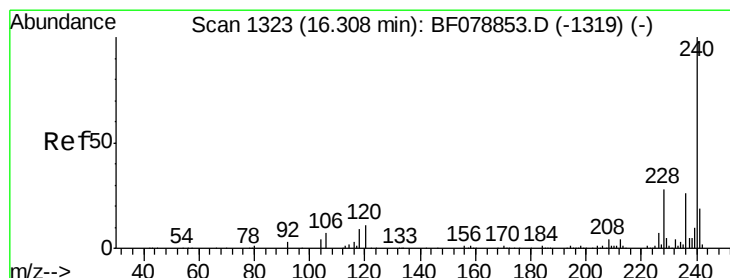
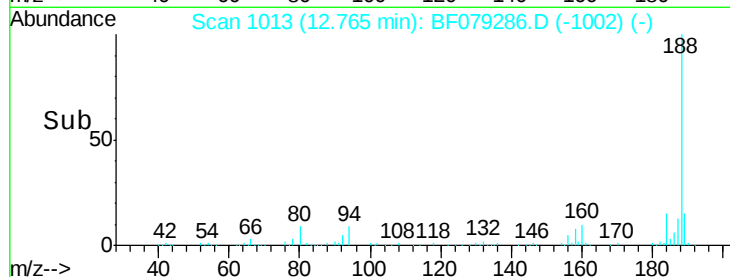
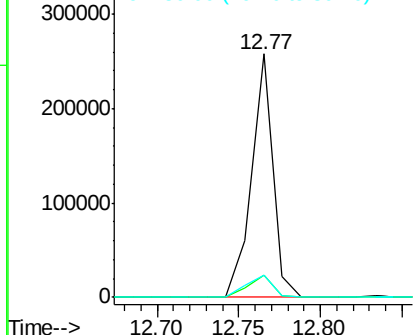
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079286.D
Acq: 15 May 2015 23:01

Instrument :
BNA_F
ClientSampleId :
1505123098

Tgt Ion:188 Resp: 234927
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.0#
80 8.9 9.8 14.6#

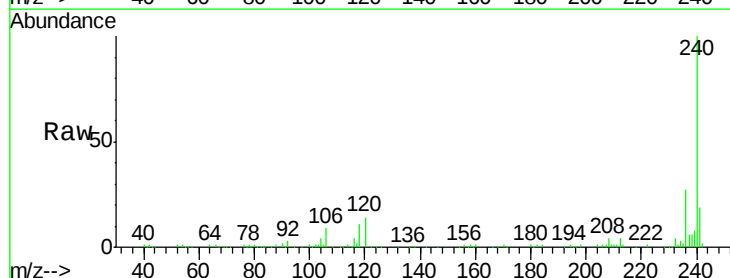


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

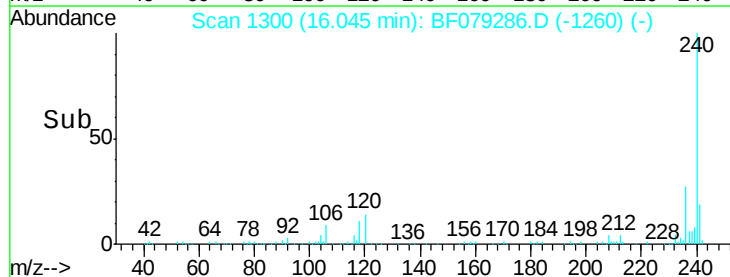
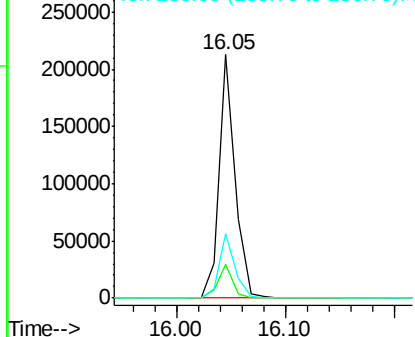


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.05 min
Lab File: BF079286.D
Acq: 15 May 2015 23:01

Tgt Ion:240 Resp: 218625
Ion Ratio Lower Upper
240 100
120 13.6 8.6 12.8#
236 26.6 21.0 31.6



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: 45.52 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF079286.D

Acq: 15 May 2015 23:01

Instrument :

BNA_F

ClientSampleId :

1505123098

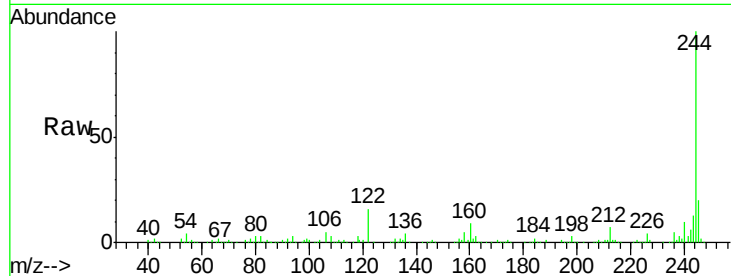
Tgt Ion:244 Resp: 415643

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

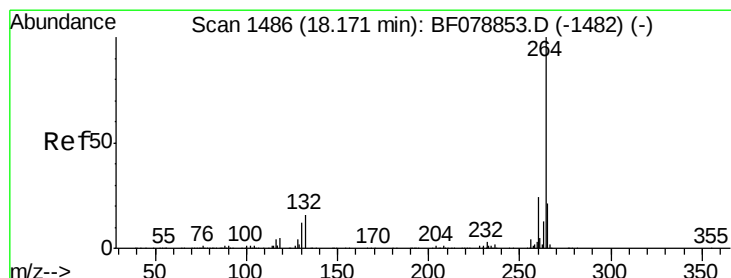
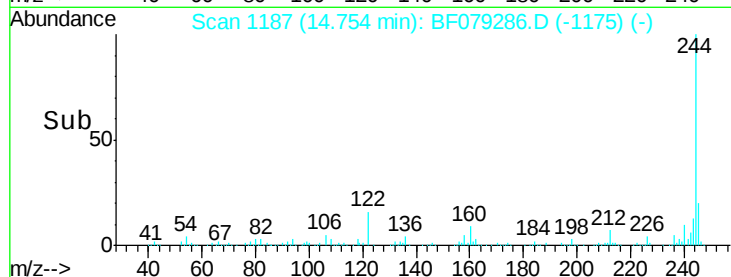
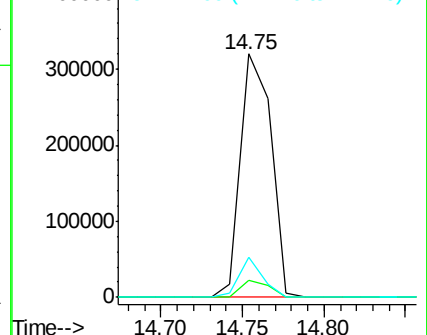
122 16.4 10.5 15.7#



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: 17.77 min Scan# 1451

Delta R.T. -0.16 min

Lab File: BF079286.D

Acq: 15 May 2015 23:01

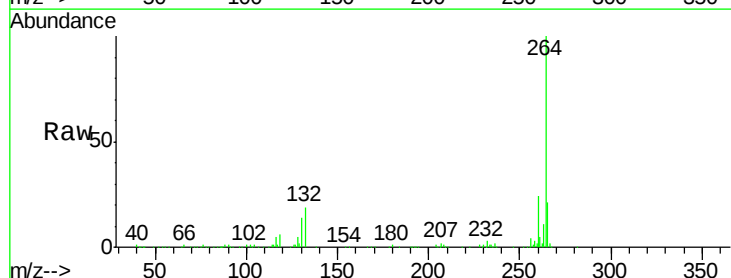
Tgt Ion:264 Resp: 213377

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 17.2 25.8



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

