

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079276.D
 Acq On : 15 May 2015 18:14
 Operator : TP/IZ
 Sample : G2269-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1505123096

Quant Time: May 15 23:19:11 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	64147	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	269221	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	130311	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	250557	20.00	ng	0.00
75) Chrysene-d12	16.06	240	228350	20.00	ng	-0.03
86) Perylene-d12	17.85	264	227862	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	138090	37.06	ng	0.00
7) Phenol-d6	6.74	99	191144	38.80	ng	-0.01
23) Nitrobenzene-d5	7.86	82	103024	21.99	ng	-0.01
41) 2,4,6-Tribromophenol	11.91	330	51109	36.25	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	231716	24.77	ng	0.00
78) Terphenyl-d14	14.75	244	266308	27.92	ng	-0.01

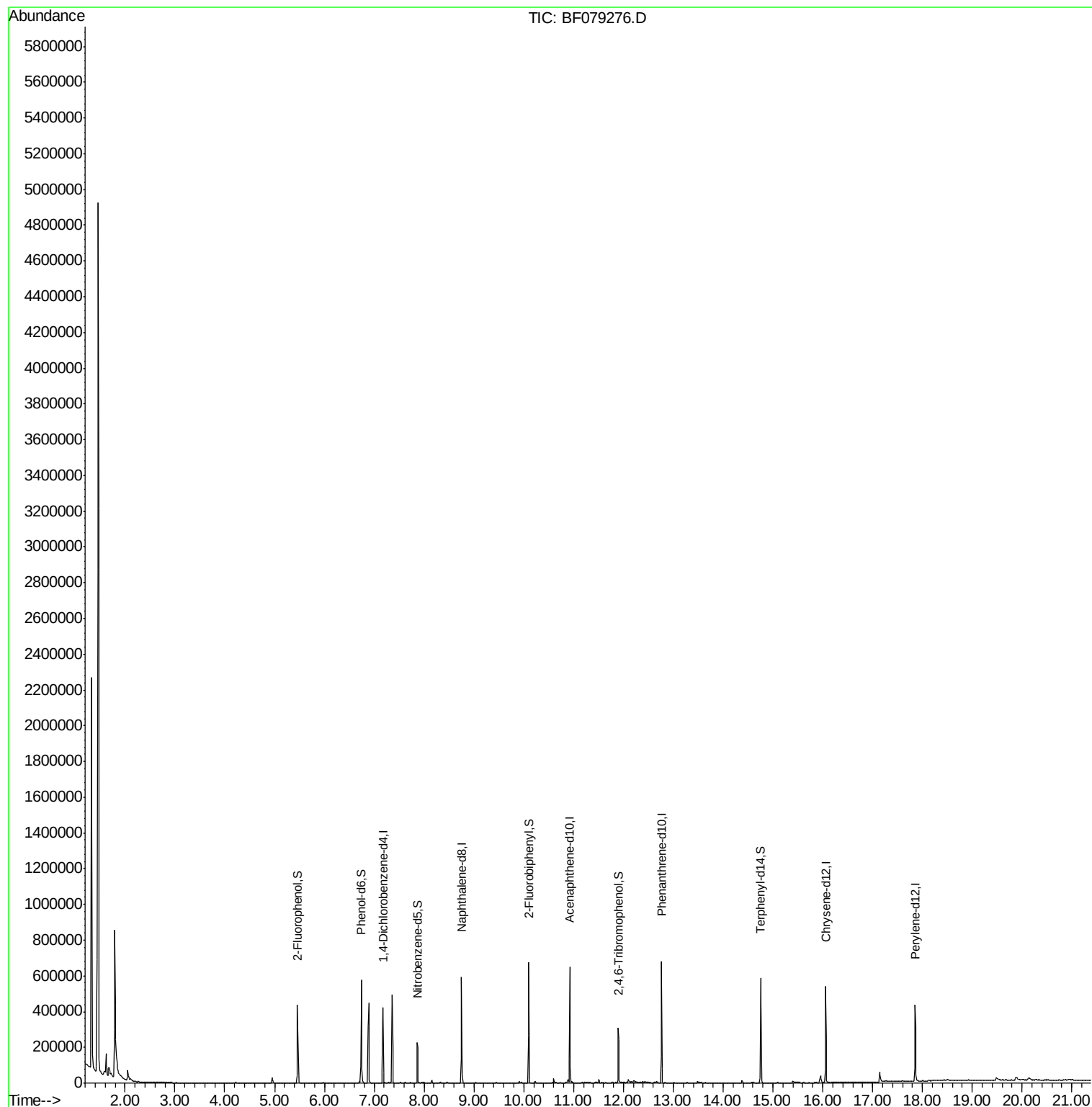
Target Compounds	Qvalue
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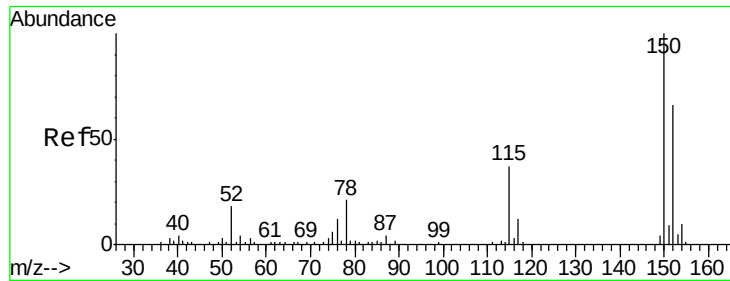
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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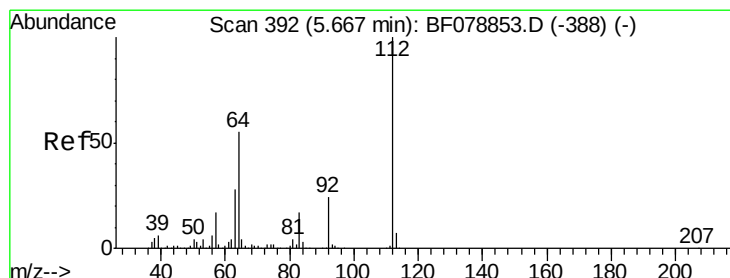
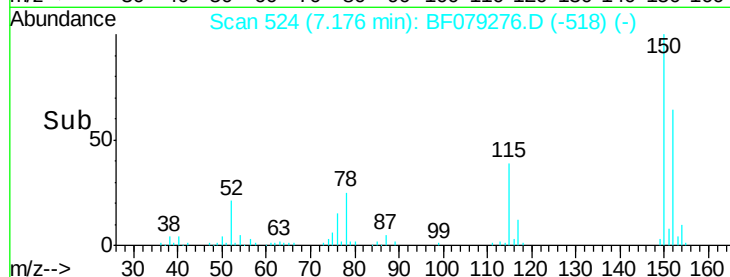
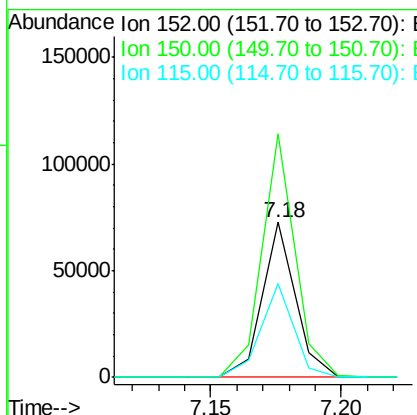
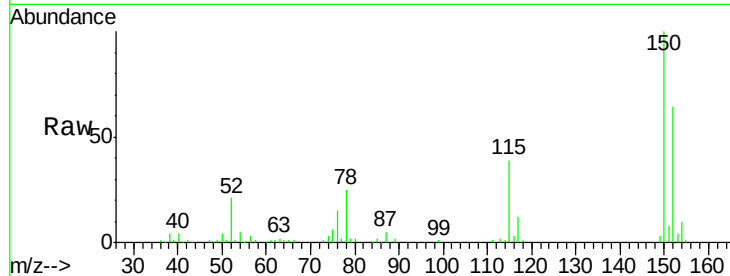




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF079276.D
 Acq: 15 May 2015 18:14

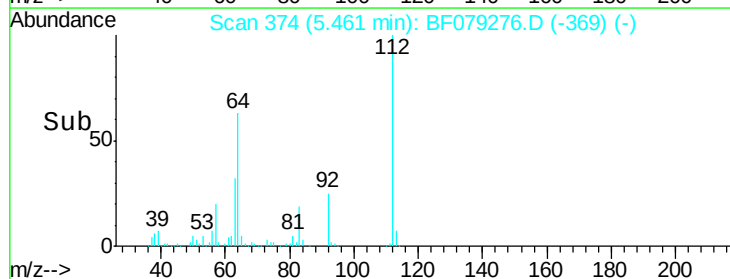
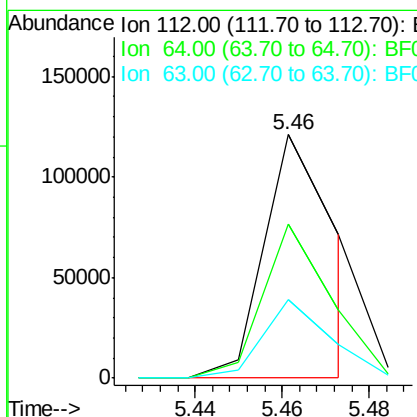
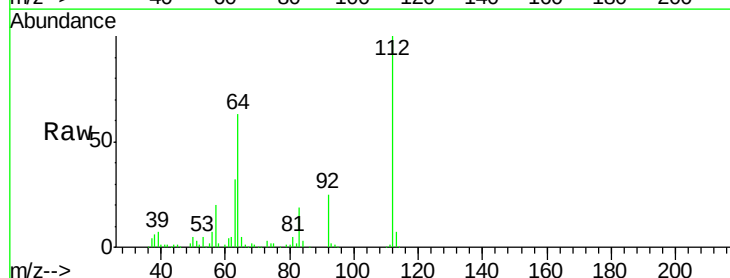
Instrument :
 BNA_F
 ClientSampleId :
 1505123096

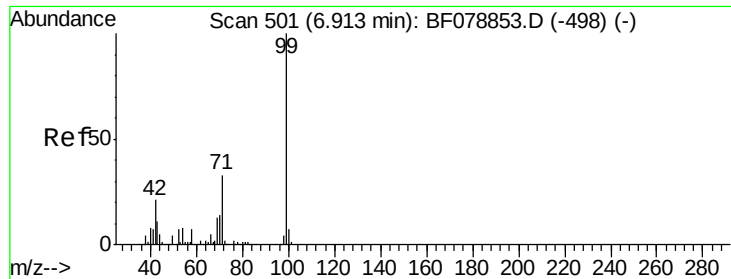
Tgt Ion:152 Resp: 64147
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.8 185.8
 115 60.6 49.4 74.0



#5
 2-Fluorophenol
 Concen: 37.06 ng
 RT: 5.46 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: BF079276.D
 Acq: 15 May 2015 18:14

Tgt Ion:112 Resp: 138090
 Ion Ratio Lower Upper
 112 100
 64 63.0 44.2 66.2
 63 32.1 22.7 34.1





#7

Phenol-d6

Concen: 38.80 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079276.D

Acq: 15 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

1505123096

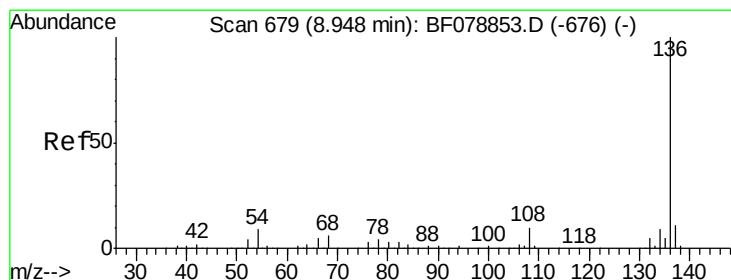
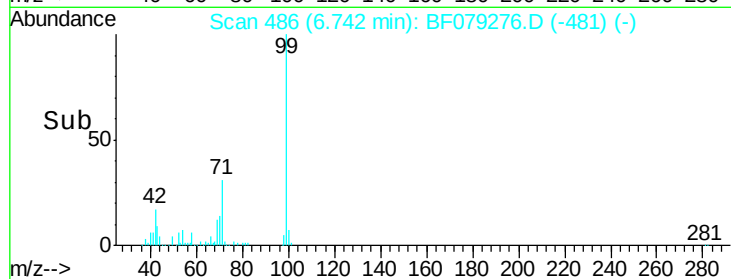
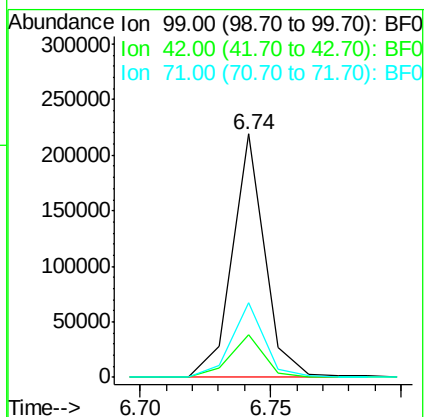
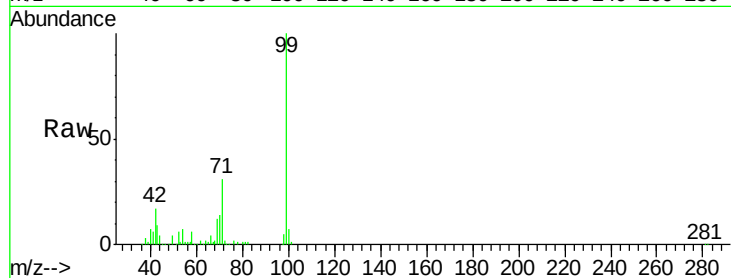
Tgt Ion: 99 Resp: 191144

Ion Ratio Lower Upper

99 100

42 17.5 17.1 25.7

71 30.6 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: BF079276.D

Acq: 15 May 2015 18:14

Tgt Ion: 136 Resp: 269221

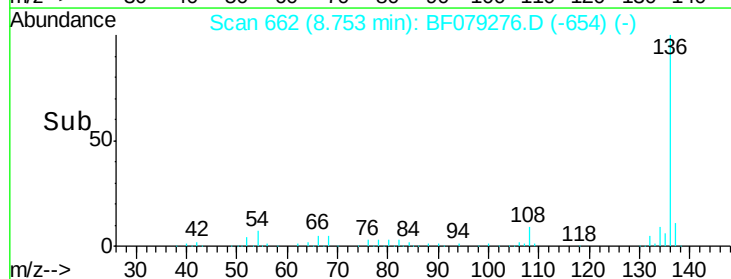
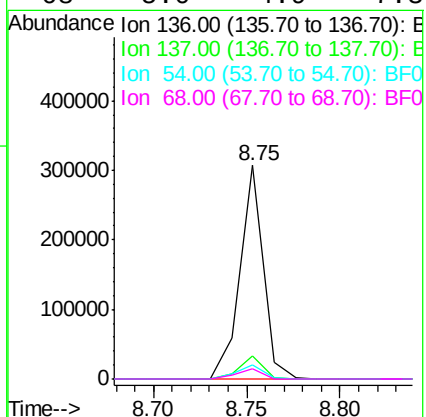
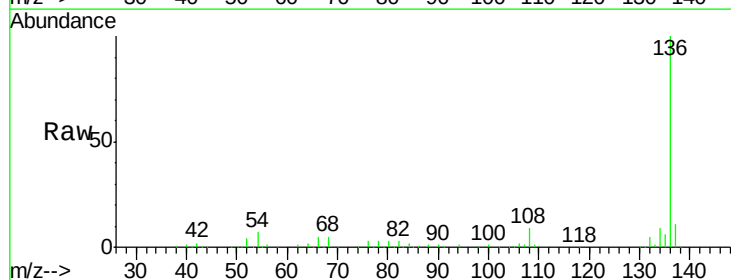
Ion Ratio Lower Upper

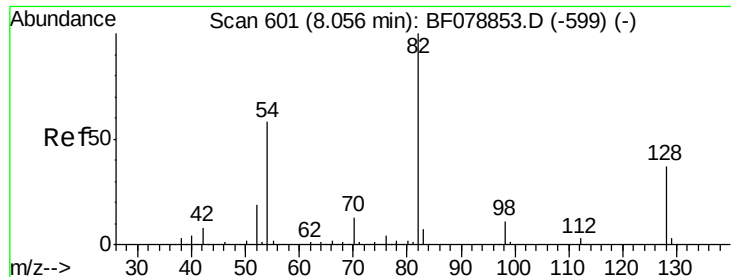
136 100

137 10.7 8.8 13.2

54 6.9 6.9 10.3#

68 5.0 4.9 7.3

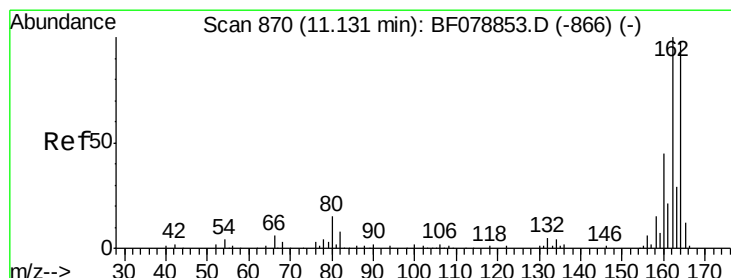
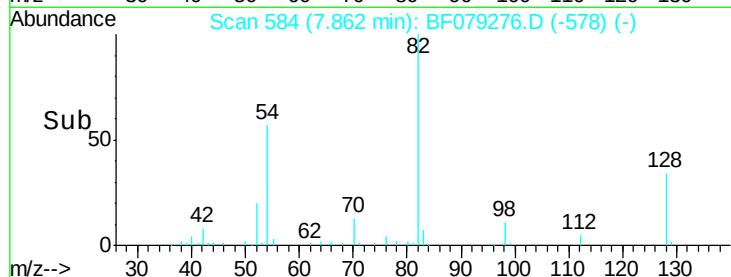
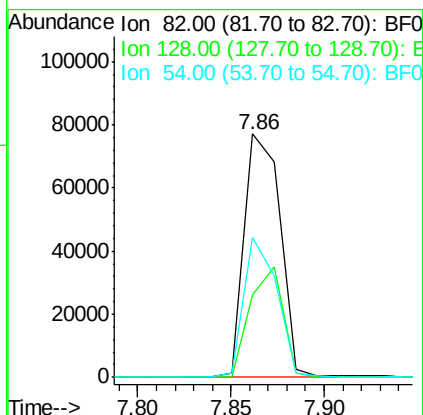
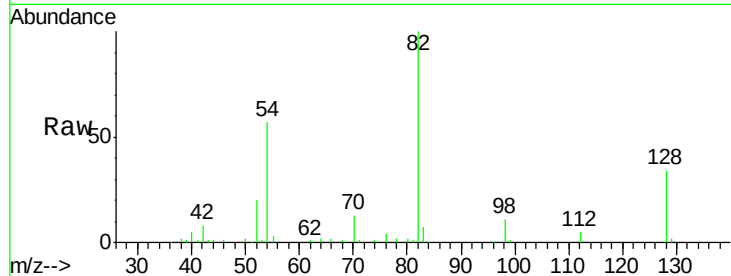




#23
 Nitrobenzene-d5
 Concen: 21.99 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF079276.D
 Acq: 15 May 2015 18:14

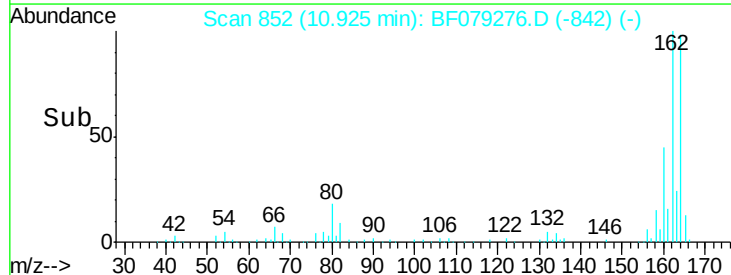
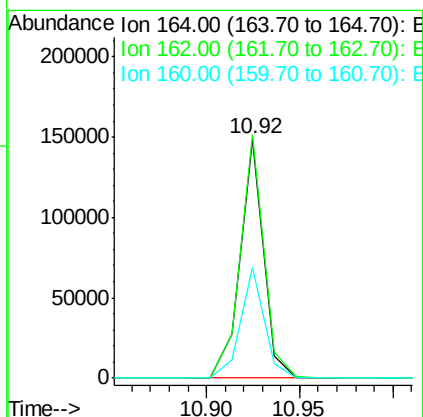
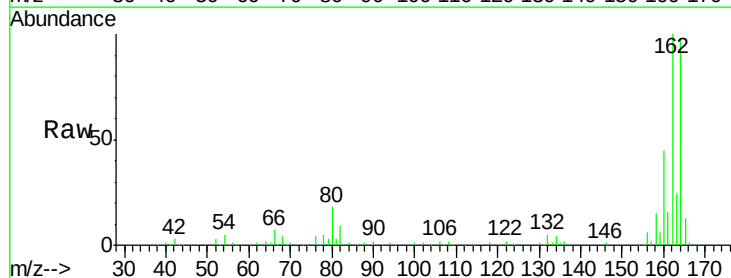
Instrument :
 BNA_F
 ClientSampleId :
 1505123096

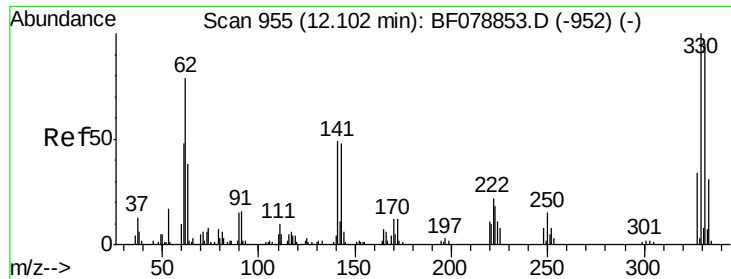
Tgt Ion: 82 Resp: 103024
 Ion Ratio Lower Upper
 82 100
 128 33.6 29.7 44.5
 54 57.4 46.2 69.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF079276.D
 Acq: 15 May 2015 18:14

Tgt Ion: 164 Resp: 130311
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.0
 160 46.1 36.6 54.8

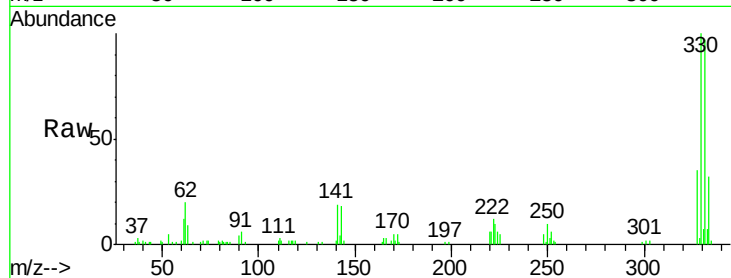




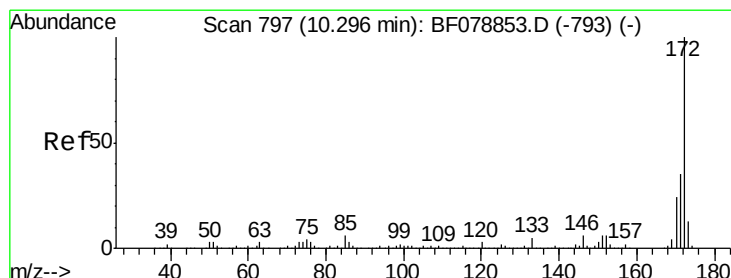
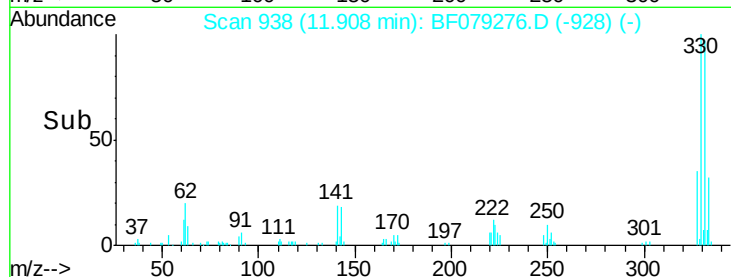
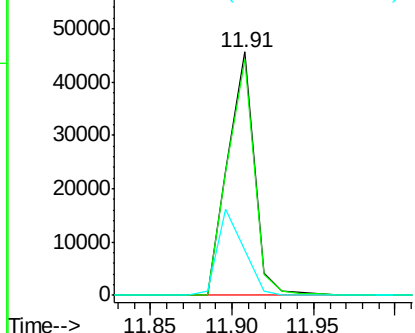
#41
 2,4,6-Tribromophenol
 Concen: 36.25 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF079276.D
 Acq: 15 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 1505123096

Tgt Ion:330 Resp: 51109
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 35.0 27.8 41.8

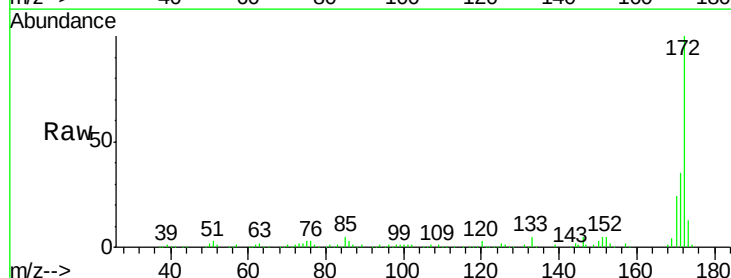


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

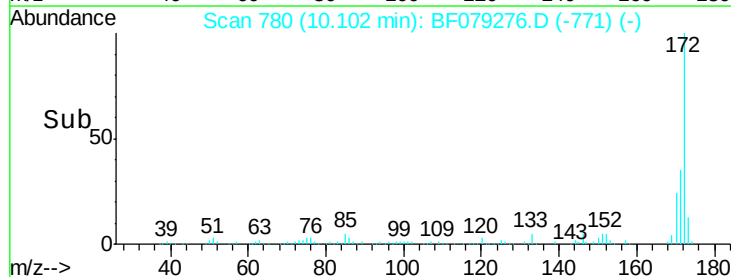
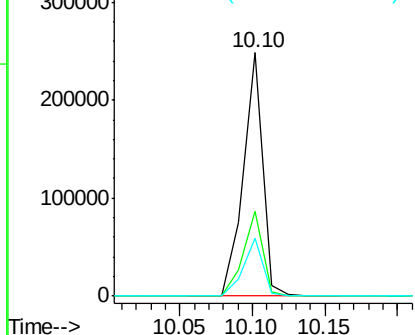


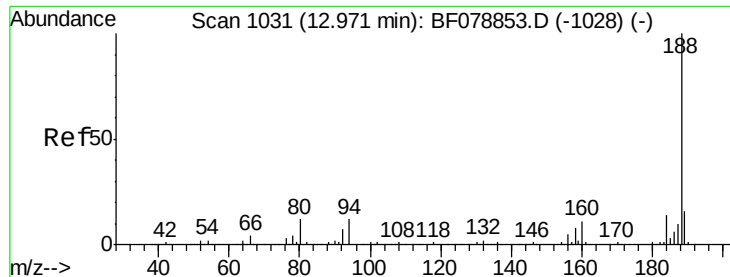
#44
 2-Fluorobiphenyl
 Concen: 24.77 ng
 RT: 10.10 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF079276.D
 Acq: 15 May 2015 18:14

Tgt Ion:172 Resp: 231716
 Ion Ratio Lower Upper
 172 100
 171 34.8 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

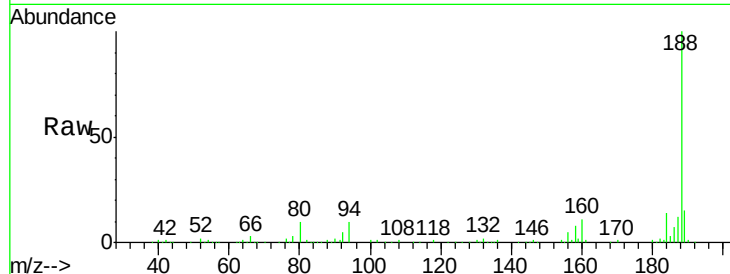




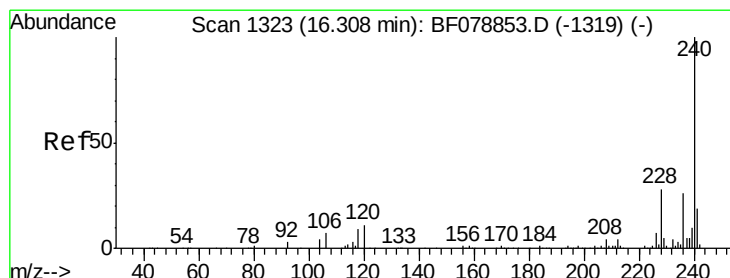
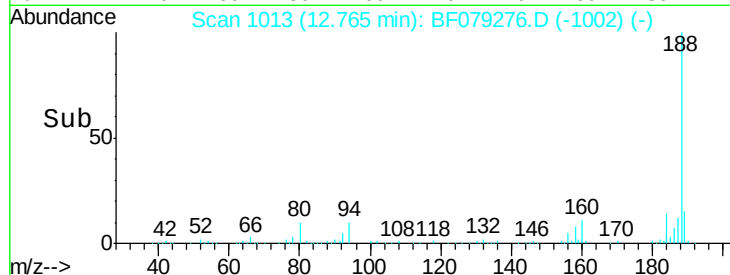
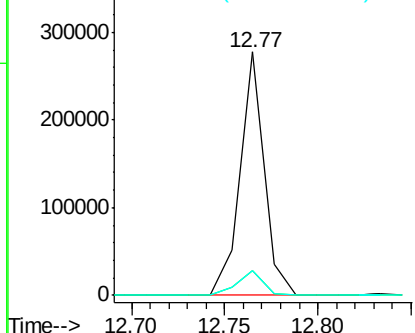
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF079276.D
Acq: 15 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
1505123096

Tgt Ion:188 Resp: 250557
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.0
80 10.0 9.8 14.6

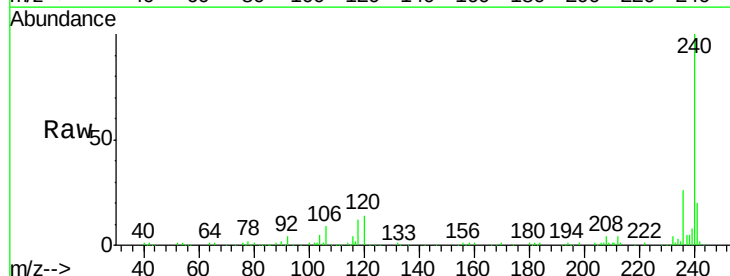


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

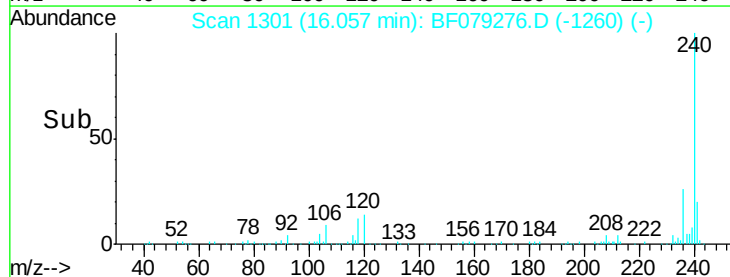
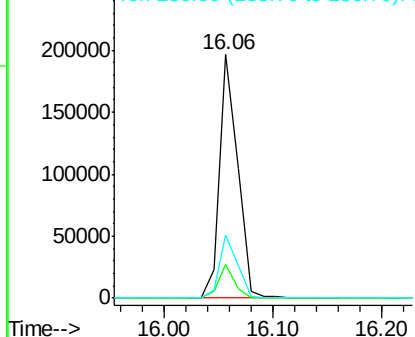


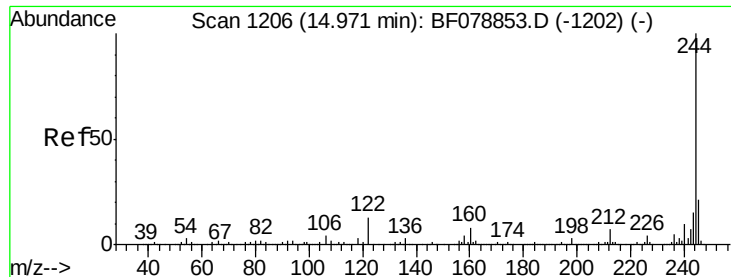
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF079276.D
Acq: 15 May 2015 18:14

Tgt Ion:240 Resp: 228350
Ion Ratio Lower Upper
240 100
120 13.8 8.6 12.8#
236 26.0 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: 27.92 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF079276.D

Acq: 15 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

1505123096

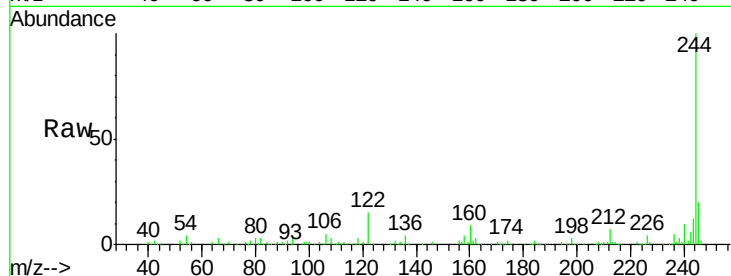
Tgt Ion:244 Resp: 266308

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

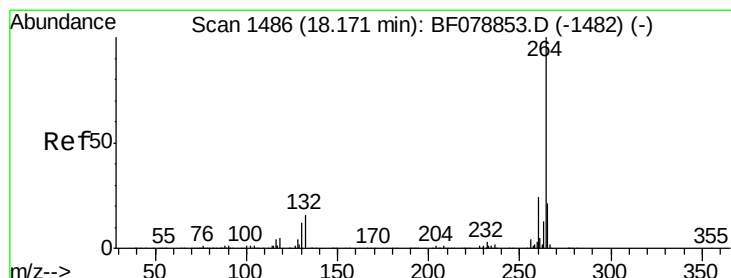
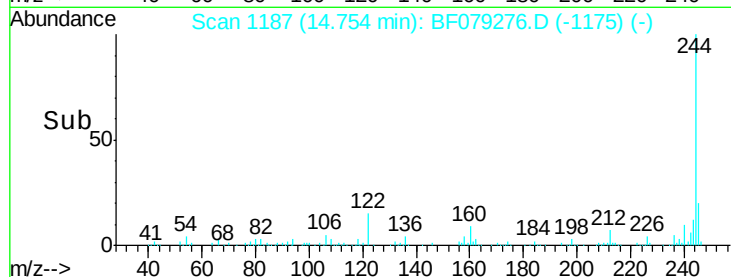
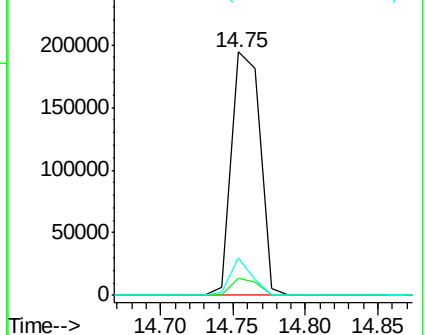
122 15.4 10.5 15.7



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: 17.85 min Scan# 1458

Delta R.T. -0.08 min

Lab File: BF079276.D

Acq: 15 May 2015 18:14

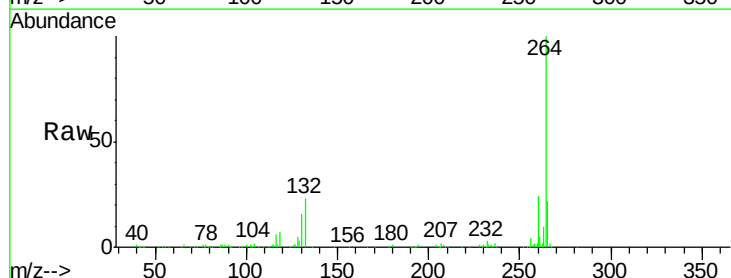
Tgt Ion:264 Resp: 227862

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.6 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

