

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079772.D
 Acq On : 6 Jun 2015 16:46
 Operator : TP/IZ
 Sample : PB83864BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BL

Quant Time: Jun 08 18:48:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	58271	20.00	ng	-0.01
21) Naphthalene-d8	8.76	136	264446	20.00	ng	-0.01
38) Acenaphthene-d10	10.55	164	120923	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	241821	20.00	ng	0.00
75) Chrysene-d12	14.96	240	255749	20.00	ng	0.06
86) Perylene-d12	16.88	264	233854	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	441850	127.09	ng	0.00
7) Phenol-d6	7.07	99	623677	138.89	ng	0.00
23) Nitrobenzene-d5	8.03	82	319811	74.25	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	142219	122.97	ng	-0.01
44) 2-Fluorobiphenyl	9.84	172	882958	98.92	ng	-0.01
78) Terphenyl-d14	13.71	244	877216	78.56	ng	0.02

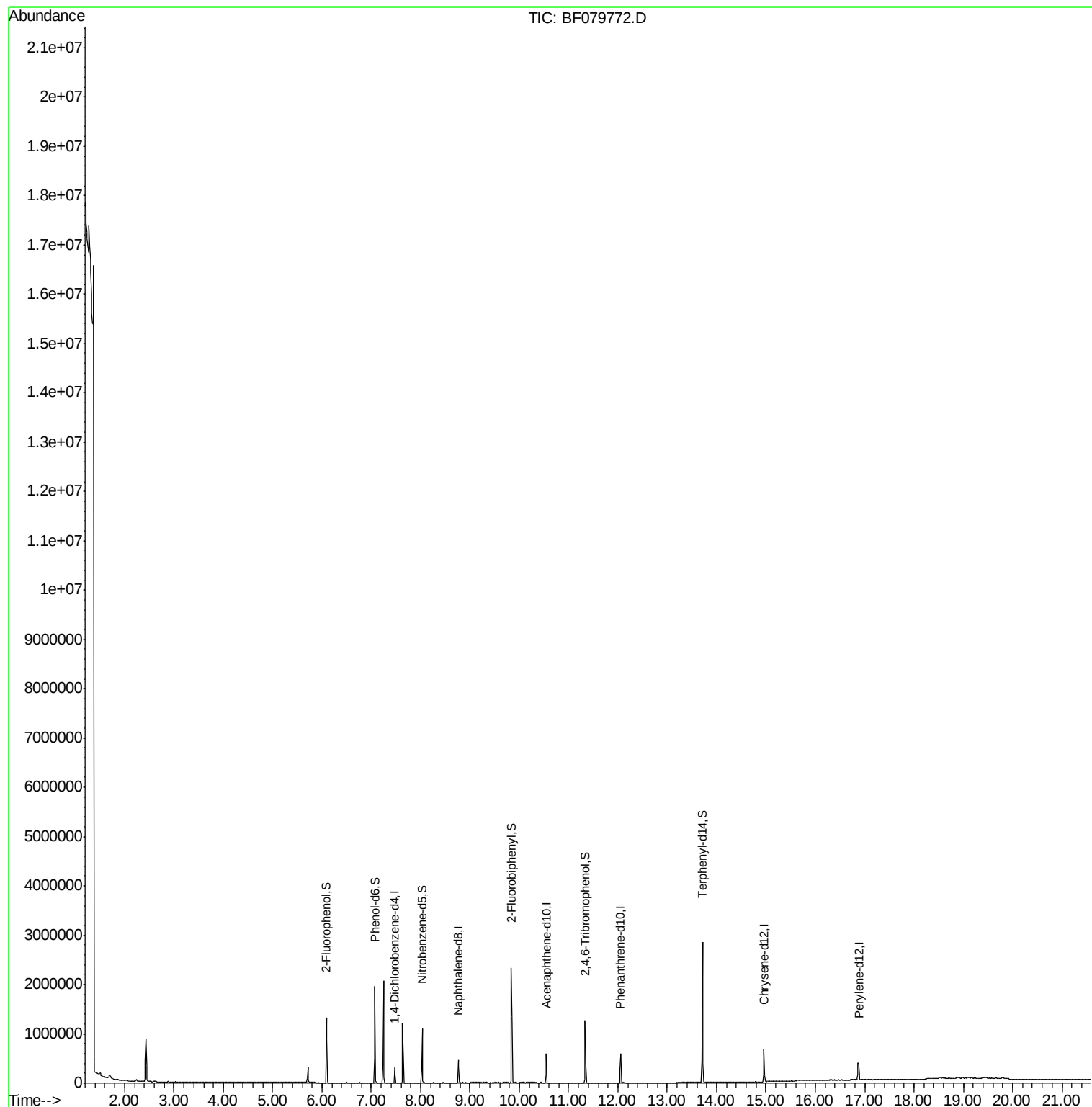
Target Compounds	Qvalue
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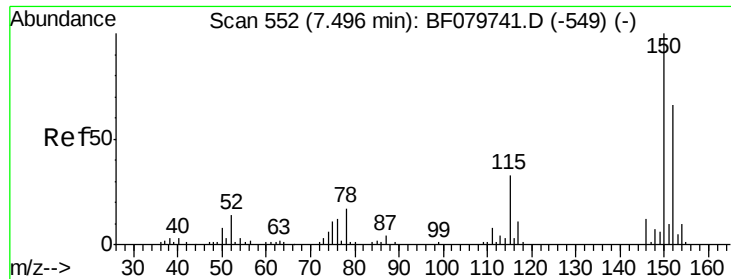
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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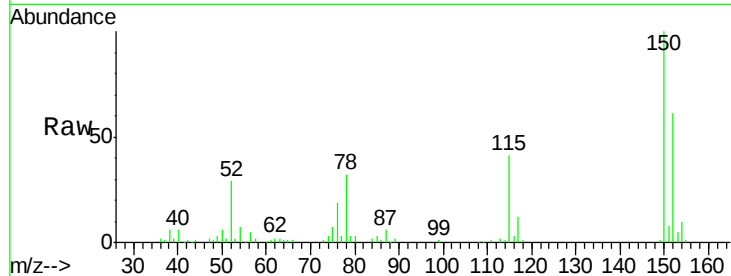


#1

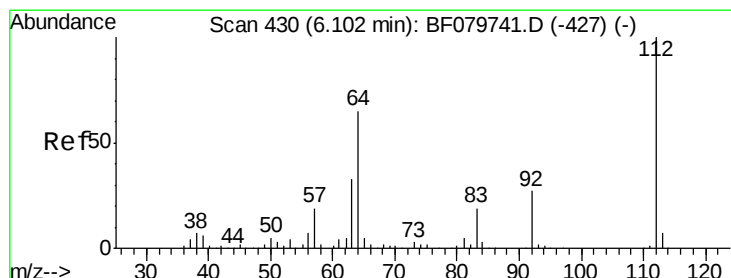
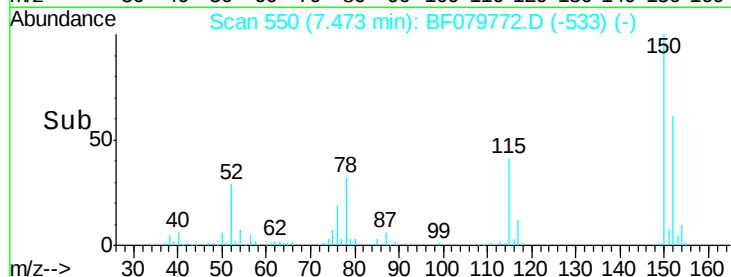
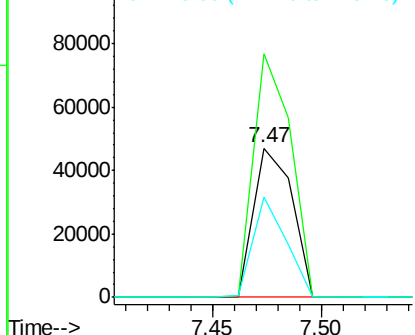
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Instrument :
BNA_F
ClientSampleId :
PB83864BL

Tgt Ion:152 Resp: 58271
Ion Ratio Lower Upper
152 100
150 163.2 128.1 192.1
115 67.6 49.7 74.5



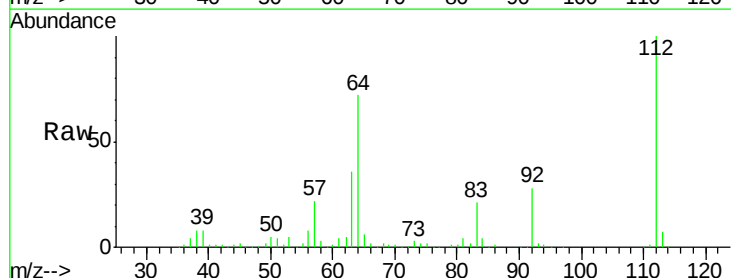
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



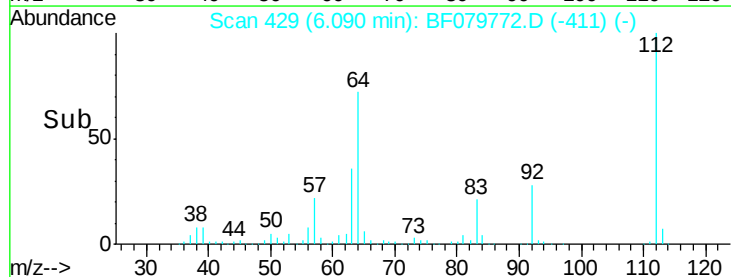
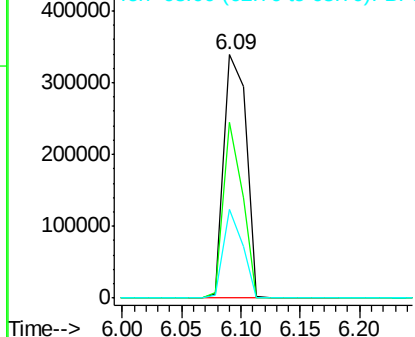
#5

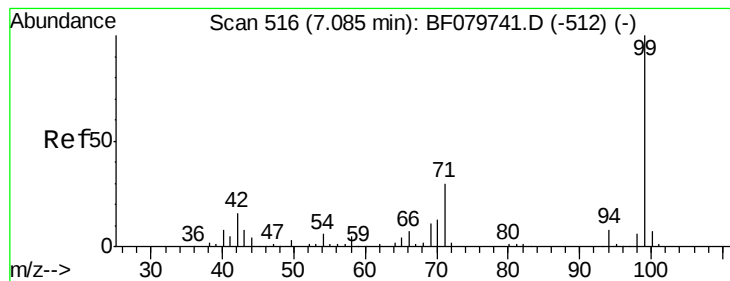
2-Fluorophenol
Concen: 127.09 ng
RT: 6.09 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Tgt Ion:112 Resp: 441850
Ion Ratio Lower Upper
112 100
64 72.4 49.6 74.4
63 36.4 24.9 37.3



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: 138.89 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079772.D

Acq: 6 Jun 2015 16:46

Instrument :

BNA_F

ClientSampleId :

PB83864BL

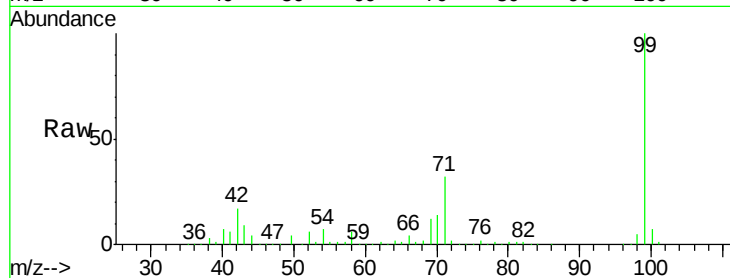
Tgt Ion: 99 Resp: 623677

Ion Ratio Lower Upper

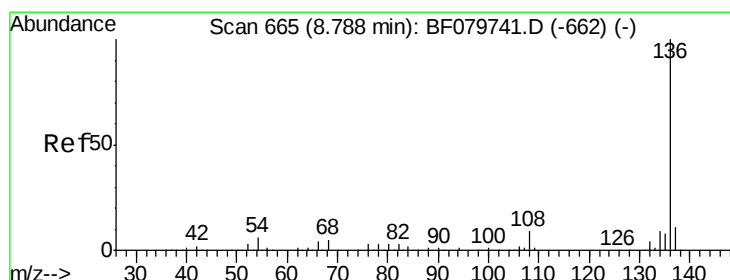
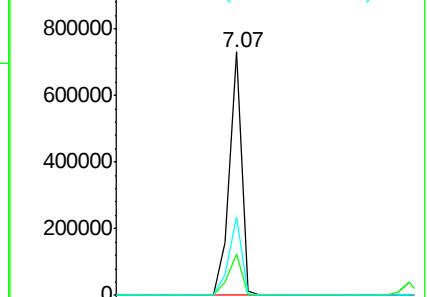
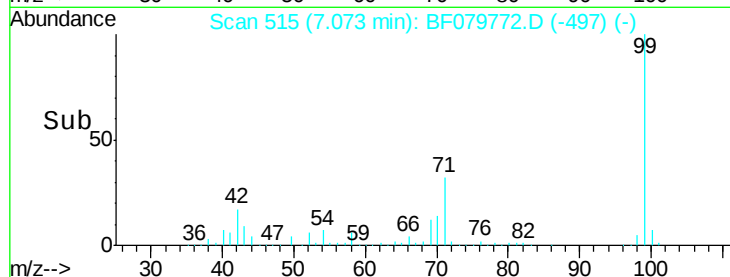
99 100

42 16.9 18.0 27.0#

71 32.2 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF079772.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF079772.D

Acq: 6 Jun 2015 16:46

Tgt Ion: 136 Resp: 264446

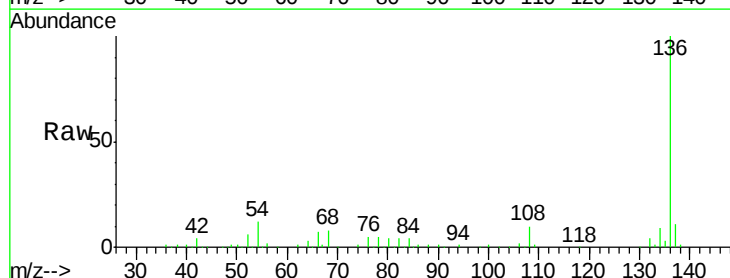
Ion Ratio Lower Upper

136 100

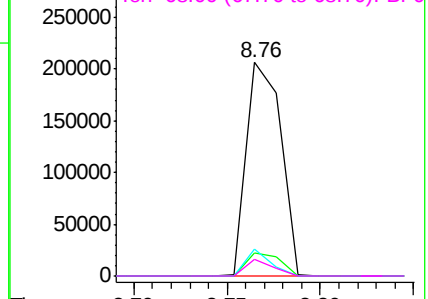
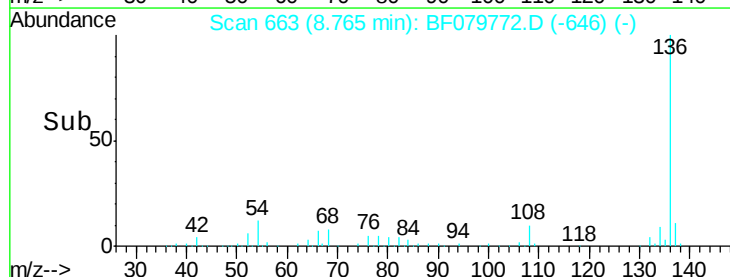
137 10.8 8.8 13.2

54 12.5 8.7 13.1

68 8.0 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): BF079772.D (-646) (-)

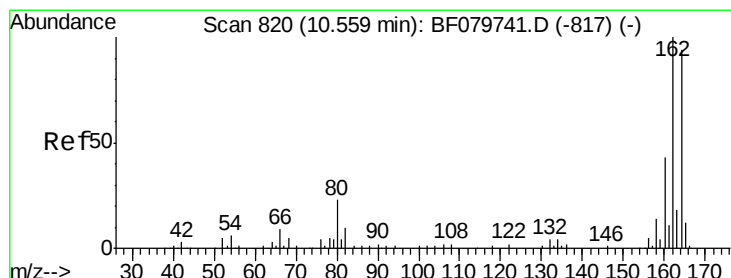
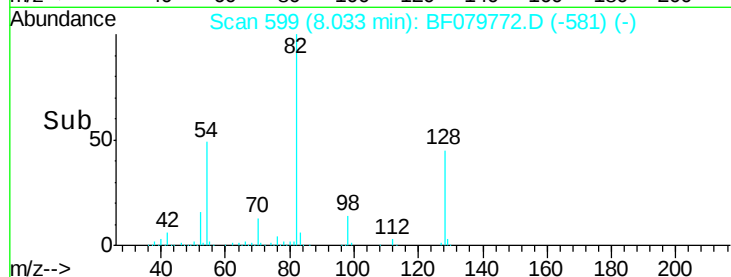
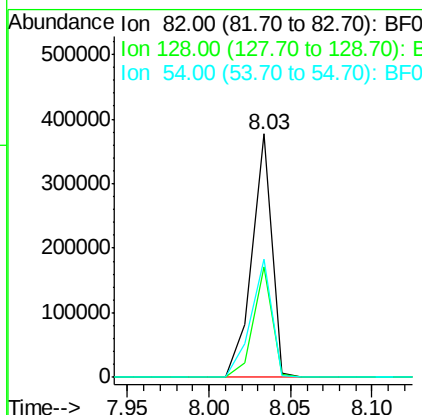
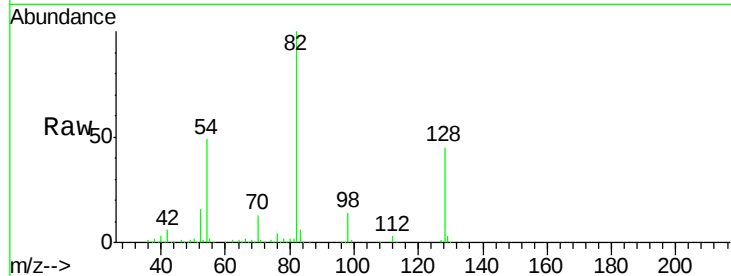




#23
 Nitrobenzene-d5
 Concen: 74.25 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

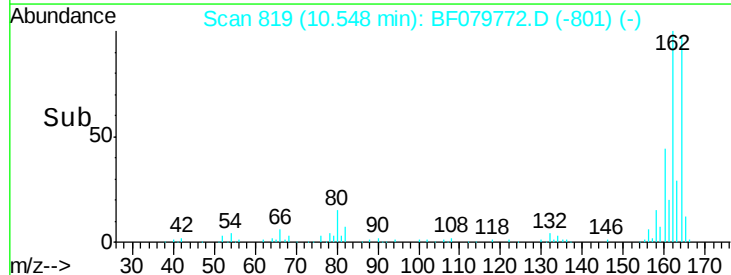
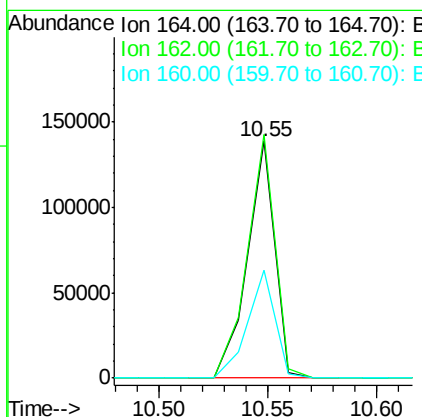
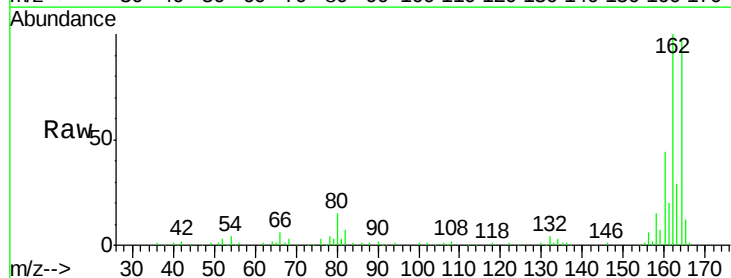
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BL

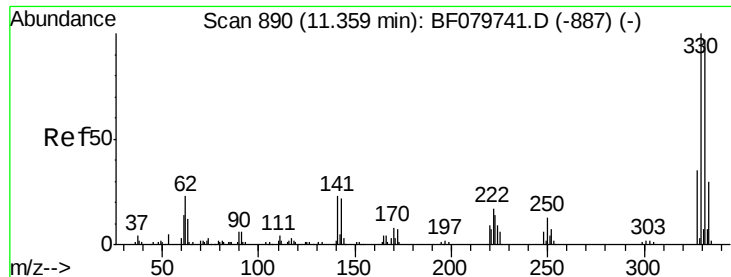
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.6	56.4
54	48.8	39.4	59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.5	36.8	55.2

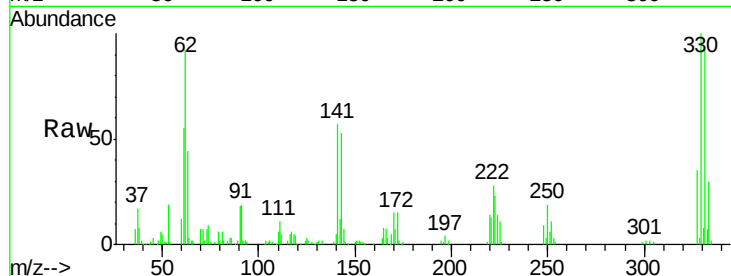




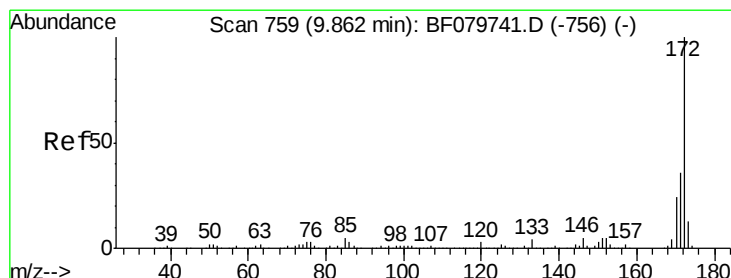
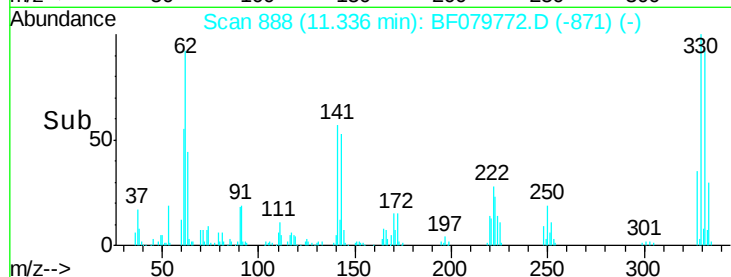
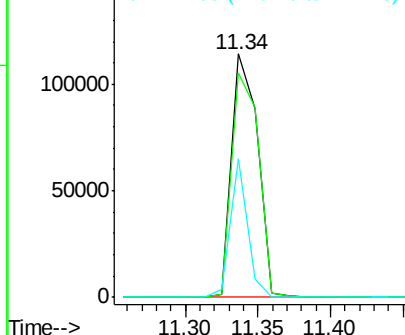
#41
 2,4,6-Tribromophenol
 Concen: 122.97 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BL

Tgt Ion:330 Resp: 142219
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 37.4 30.2 45.2

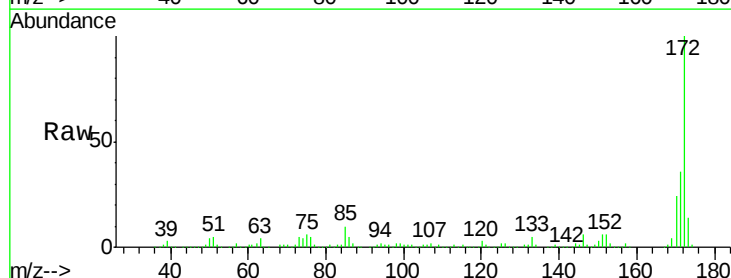


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

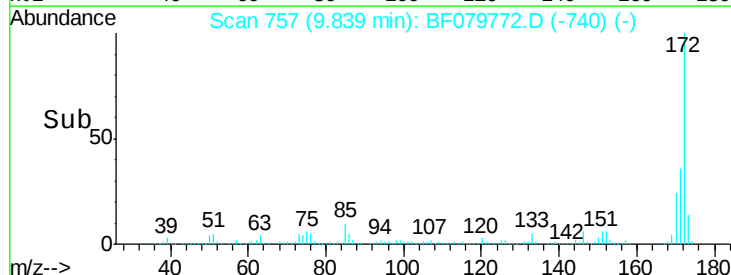
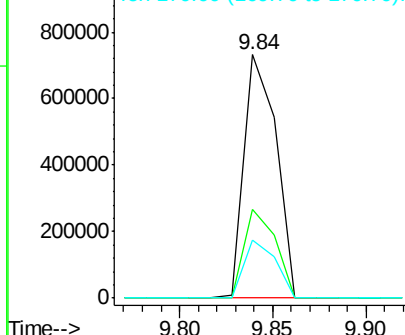


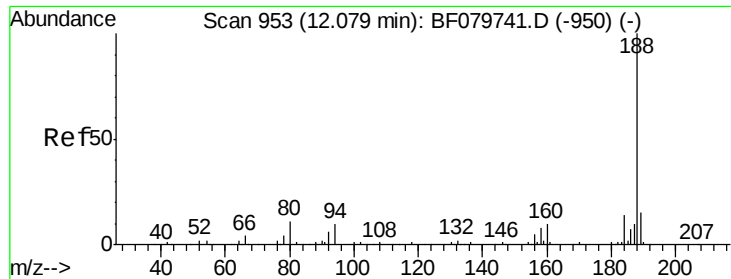
#44
 2-Fluorobiphenyl
 Concen: 98.92 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

Tgt Ion:172 Resp: 882958
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 23.9 19.7 29.5



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

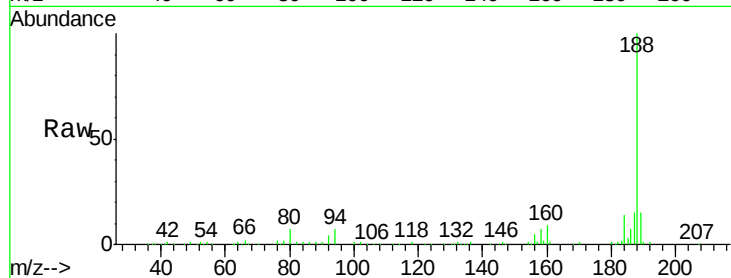




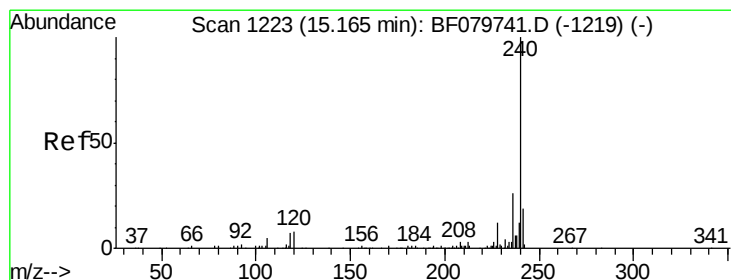
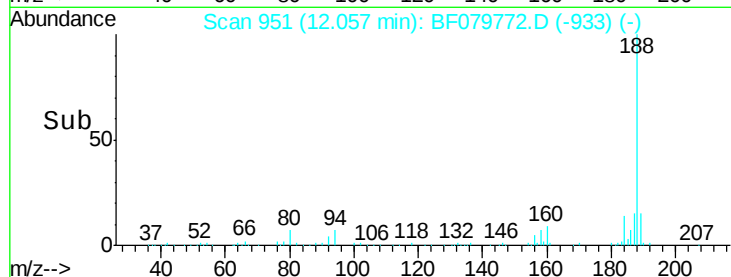
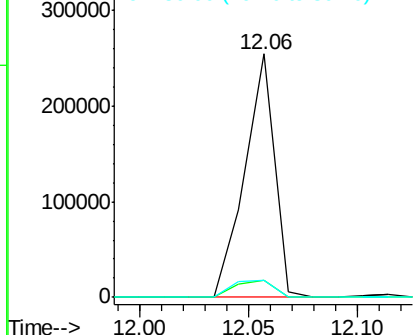
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.06 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Instrument :
BNA_F
ClientSampleId :
PB83864BL

Tgt Ion:188 Resp: 241821
Ion Ratio Lower Upper
188 100
94 7.0 5.0 7.4
80 7.0 5.3 7.9

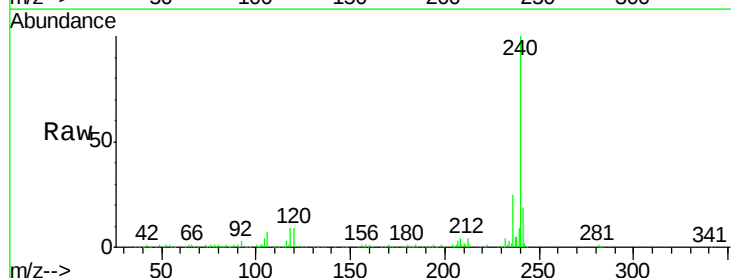


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

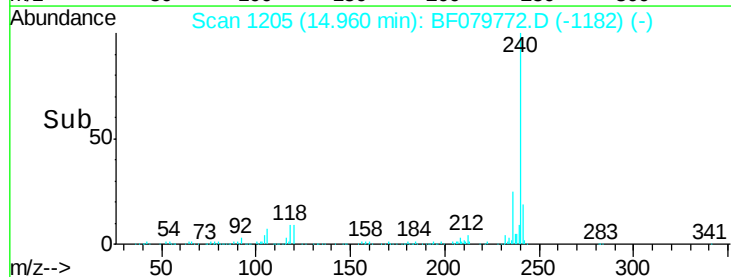
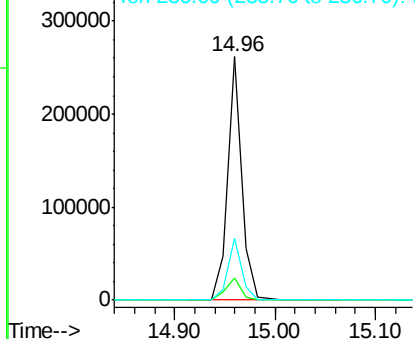


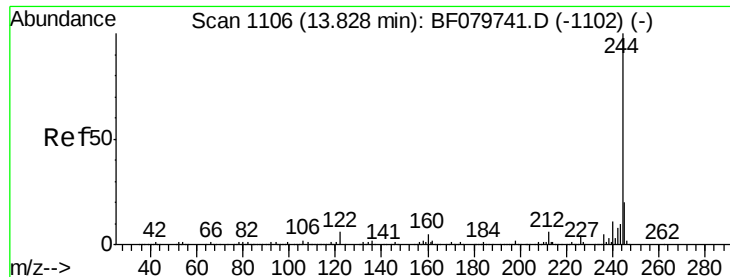
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.06 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Tgt Ion:240 Resp: 255749
Ion Ratio Lower Upper
240 100
120 9.1 6.2 9.2
236 25.4 21.0 31.4



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: 78.56 ng

RT: 13.71 min Scan# 1096

Delta R.T. 0.02 min

Lab File: BF079772.D

Acq: 6 Jun 2015 16:46

Instrument :

BNA_F

ClientSampleId :

PB83864BL

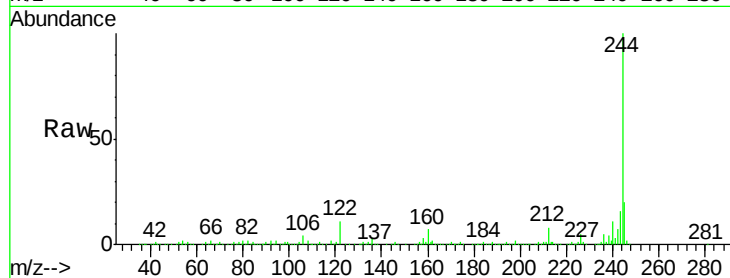
Tgt Ion:244 Resp: 877216

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

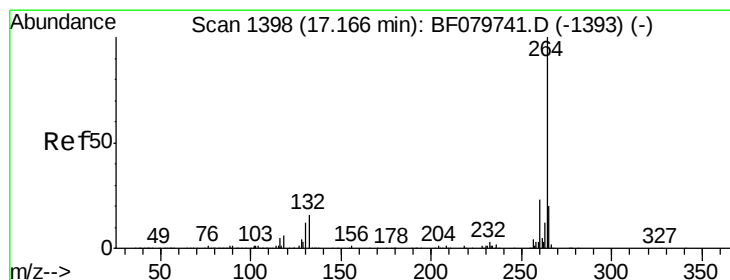
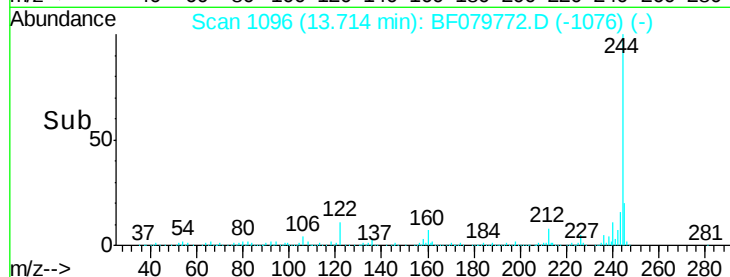
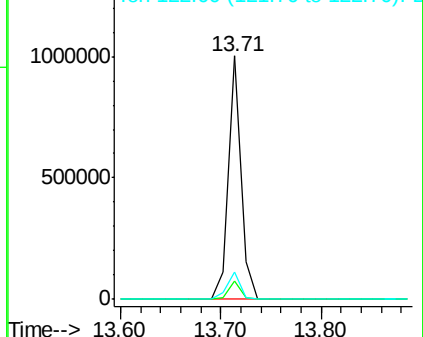
122 11.2 9.3 13.9



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: 16.88 min Scan# 1373

Delta R.T. 0.08 min

Lab File: BF079772.D

Acq: 6 Jun 2015 16:46

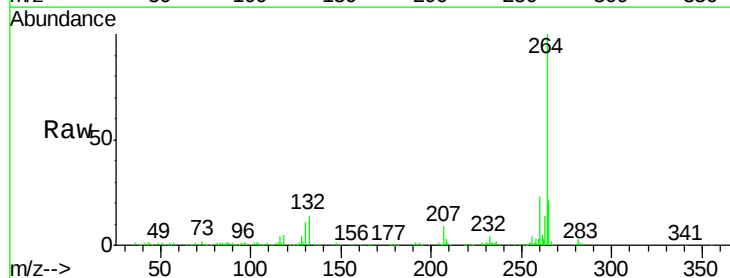
Tgt Ion:264 Resp: 233854

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.8 18.2 27.4



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

