

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079797.D
 Acq On : 7 Jun 2015 6:43
 Operator : TP/IZ
 Sample : G2507-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-8(0-2)

Quant Time: Jun 09 01:13:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

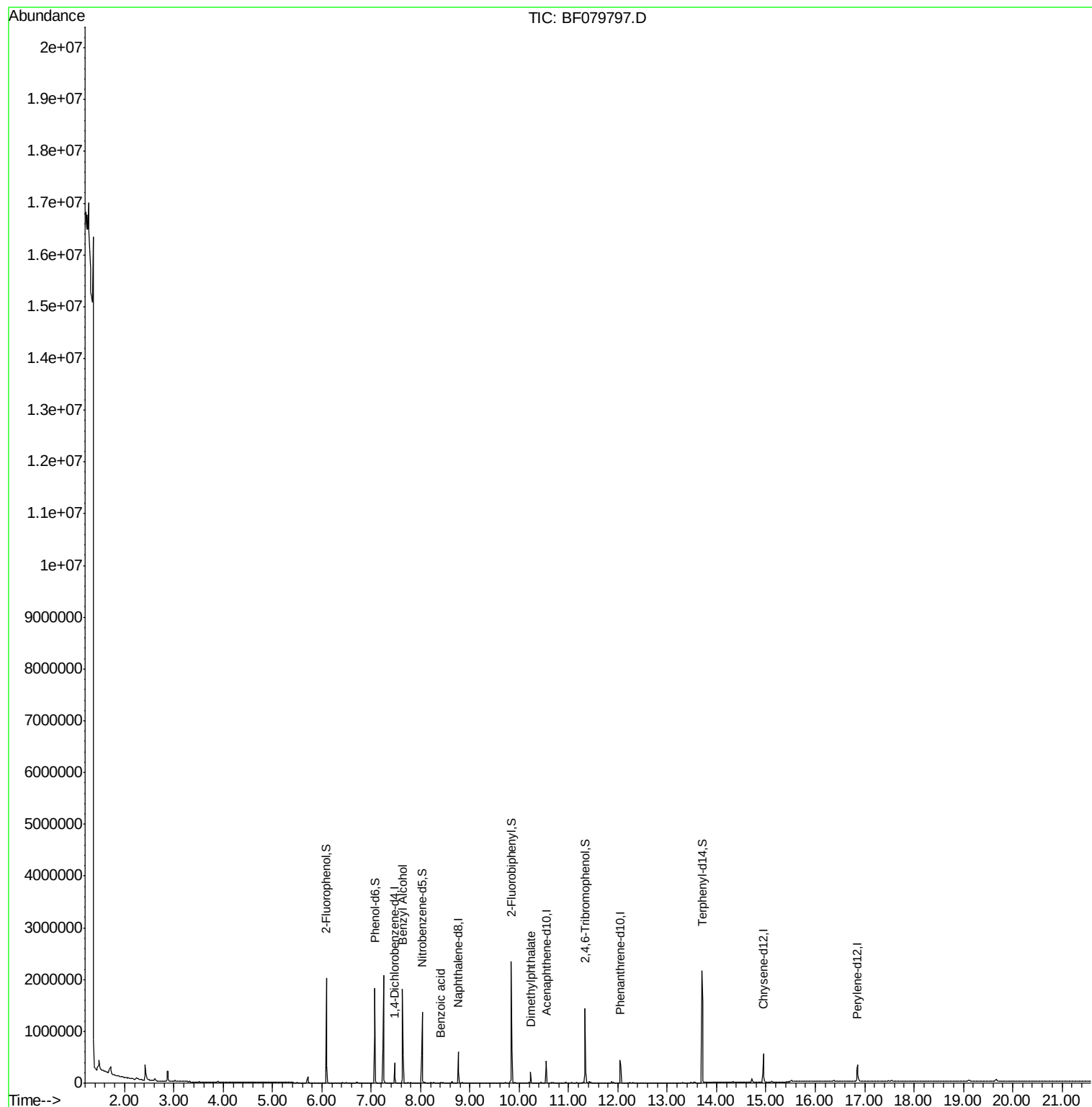
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	56455	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	274914	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	107872	20.00	ng	0.00
63) Phenanthrene-d10	12.04	188	223734	20.00	ng	-0.01
75) Chrysene-d12	14.95	240	225303	20.00	ng	-0.03
86) Perylene-d12	16.86	264	199533	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	486304	144.38	ng	0.00
7) Phenol-d6	7.07	99	696705	160.14	ng	0.00
23) Nitrobenzene-d5	8.03	82	447867	100.02	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	150827	146.19	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	714162	89.69	ng	0.00
78) Terphenyl-d14	13.70	244	932488	94.79	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.63	79	8111	2.26	ng	# 45
32) Benzoic acid	8.41	122	2109	5.36	ng	87
49) Dimethylphthalate	10.23	163	83695	10.07	ng	98

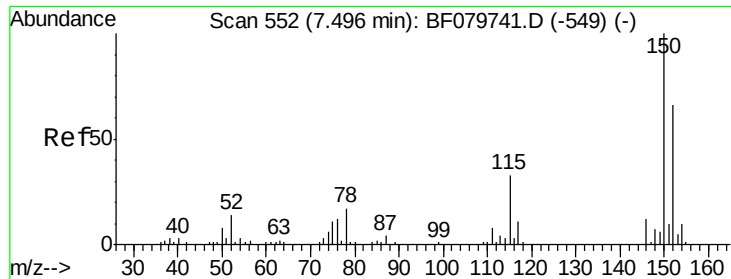
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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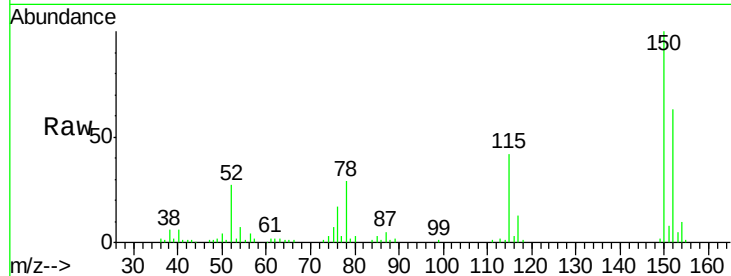


#1

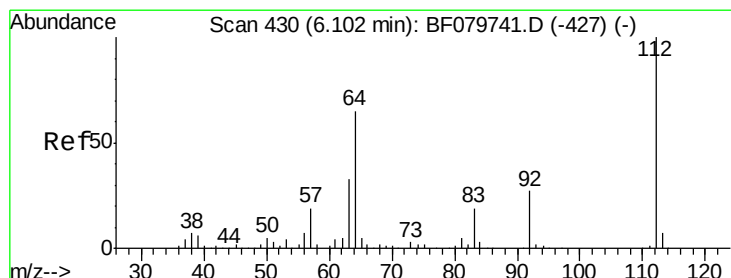
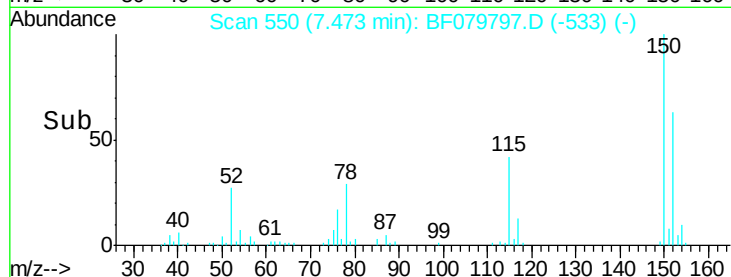
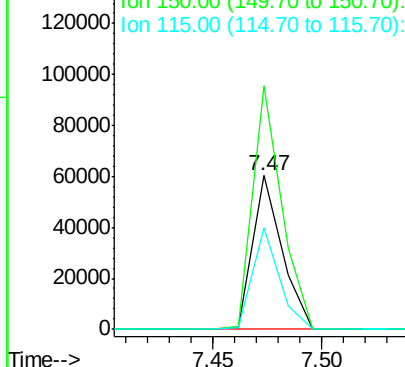
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Instrument :
BNA_F
ClientSampleId :
PIER2-8(0-2)

Tgt Ion:152 Resp: 56455
Ion Ratio Lower Upper
152 100
150 158.2 128.1 192.1
115 66.0 49.7 74.5



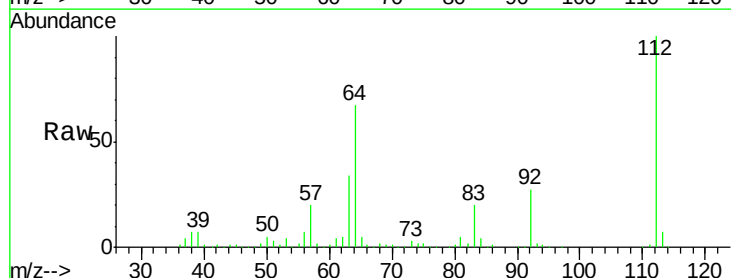
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



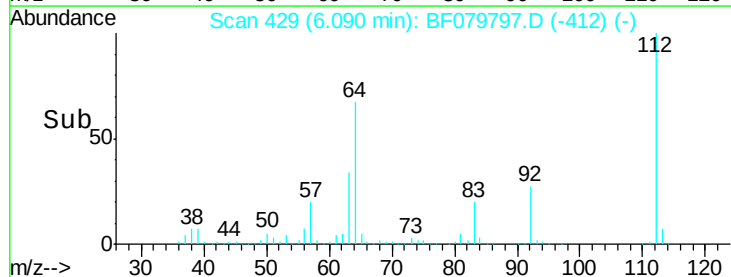
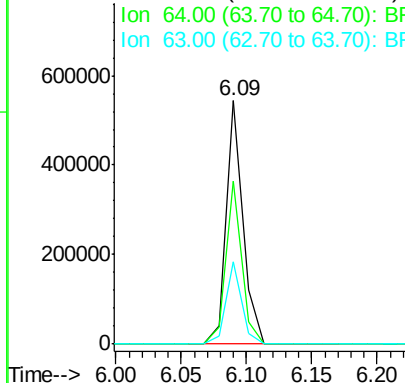
#5

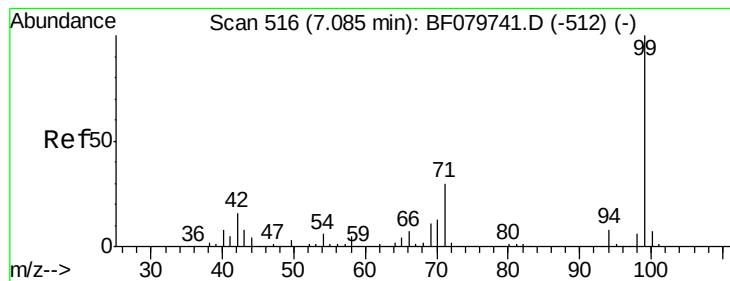
2-Fluorophenol
Concen: 144.38 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Tgt Ion:112 Resp: 486304
Ion Ratio Lower Upper
112 100
64 67.1 49.6 74.4
63 33.8 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: 160.14 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

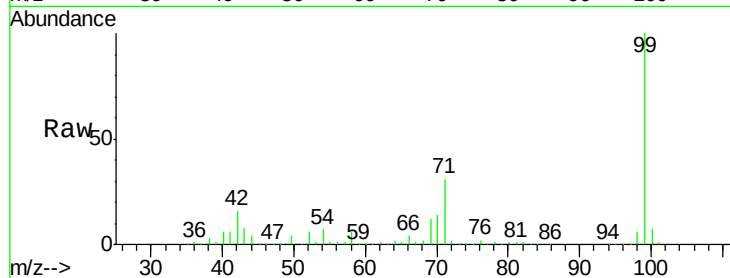
Tgt Ion: 99 Resp: 696705

Ion Ratio Lower Upper

99 100

42 16.1 18.0 27.0#

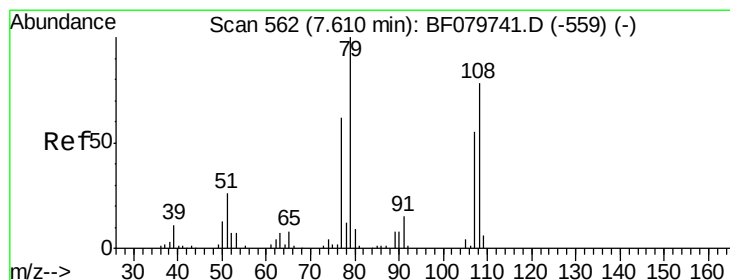
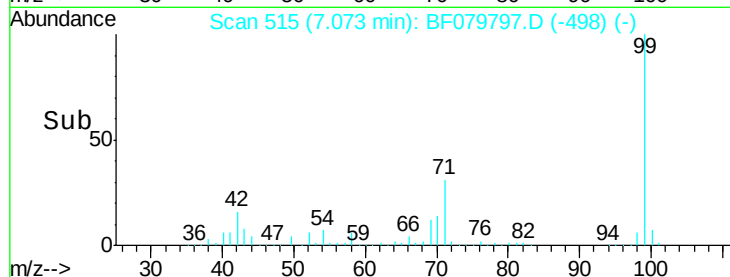
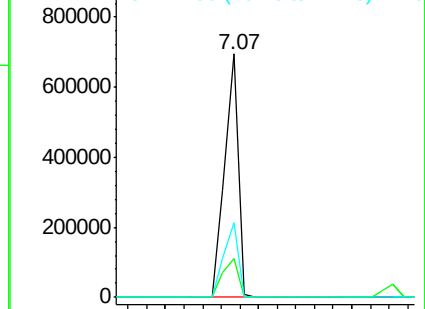
71 30.7 28.4 42.6



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



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 7.63 min Scan# 564

Delta R.T. 0.03 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

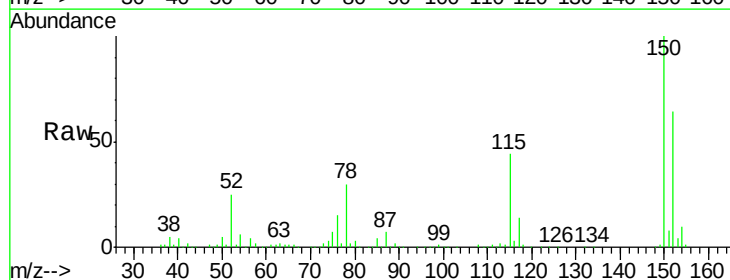
Tgt Ion: 79 Resp: 8111

Ion Ratio Lower Upper

79 100

108 27.7 68.4 102.6#

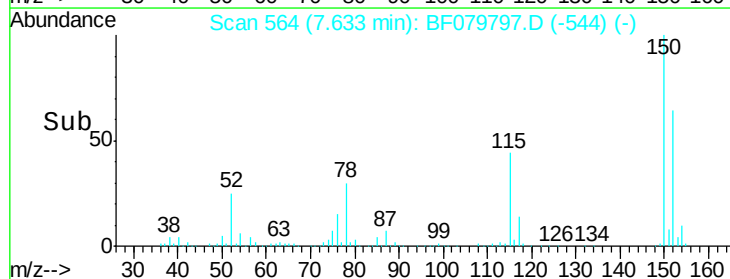
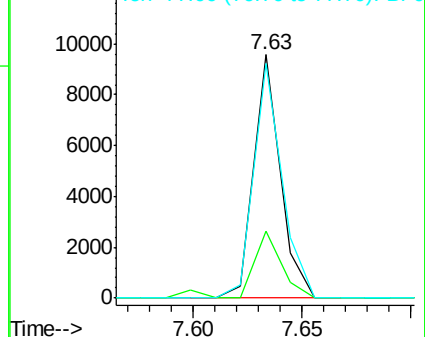
77 96.4 50.0 75.0#

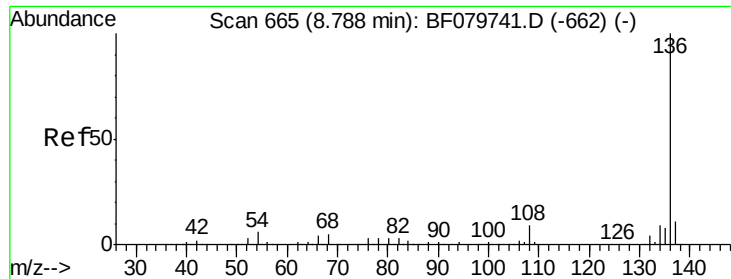


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

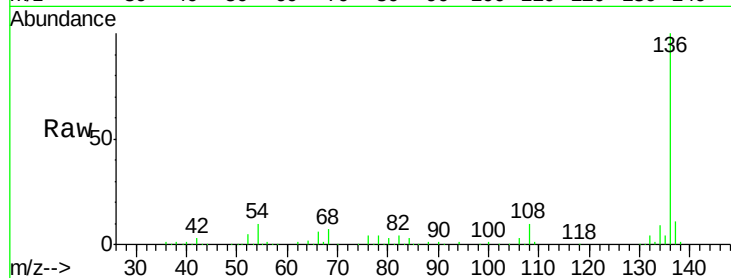




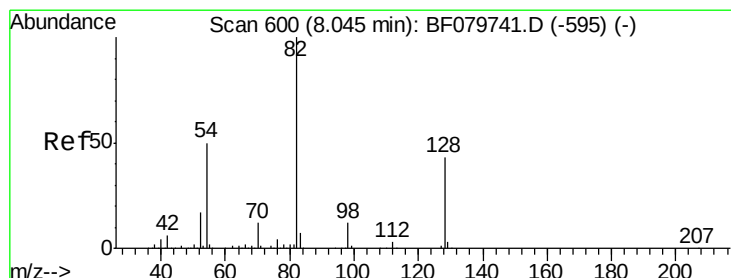
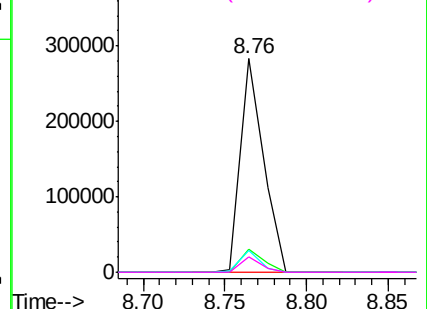
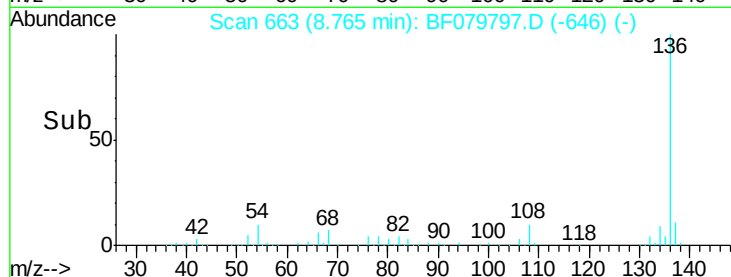
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Instrument :
BNA_F
ClientSampleId :
PIER2-8(0-2)

Tgt Ion:	136	Resp:	274914
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	8.7	13.1
68	7.1	5.8	8.8

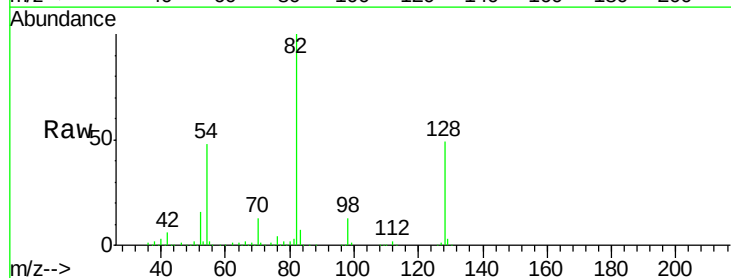


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

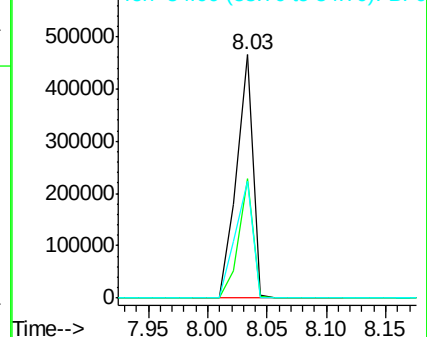
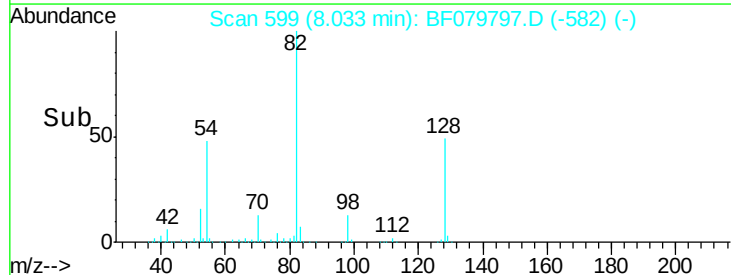


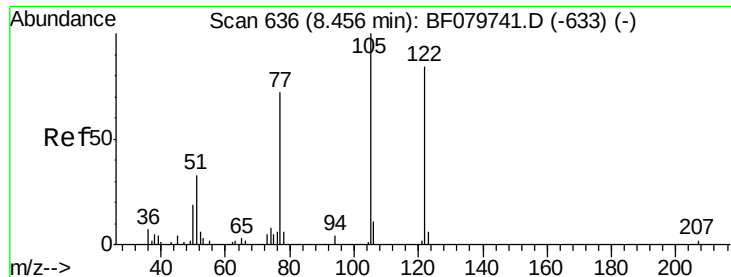
#23
Nitrobenzene-d5
Concen: 100.02 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Tgt Ion:	82	Resp:	447867
Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.6	56.4
54	47.9	39.4	59.2



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





#32

Benzoic acid

Concen: 5.36 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

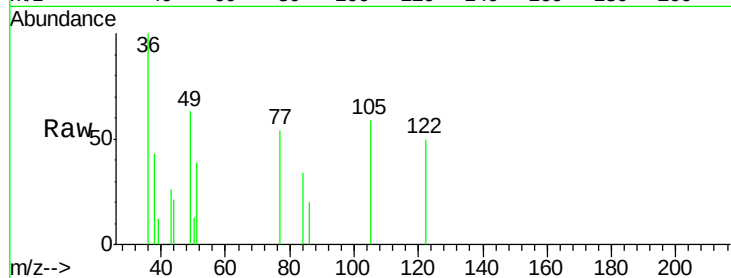
Tgt Ion:122 Resp: 2109

Ion Ratio Lower Upper

122 100

105 116.2 106.7 146.7

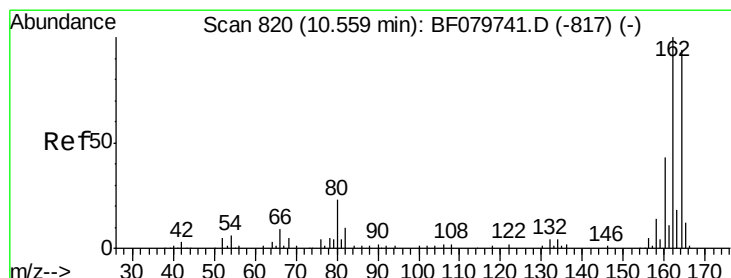
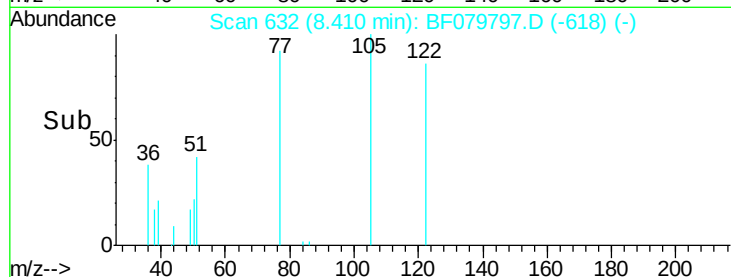
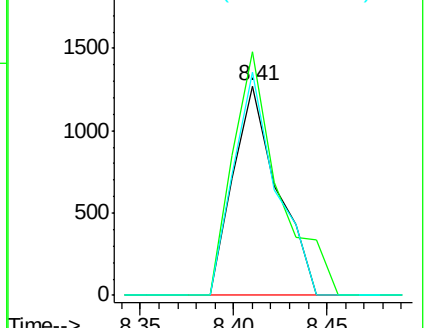
77 106.6 68.9 108.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

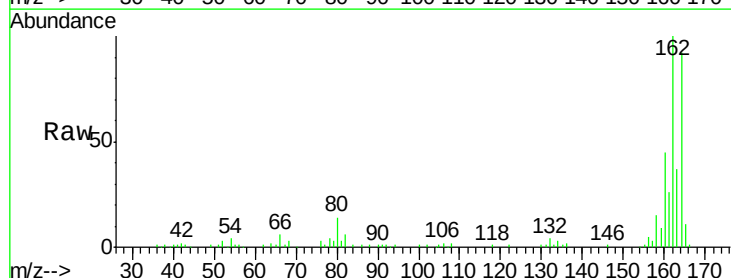
Tgt Ion:164 Resp: 107872

Ion Ratio Lower Upper

164 100

162 108.9 82.6 123.8

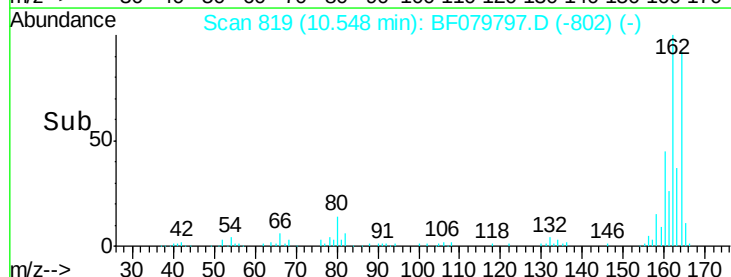
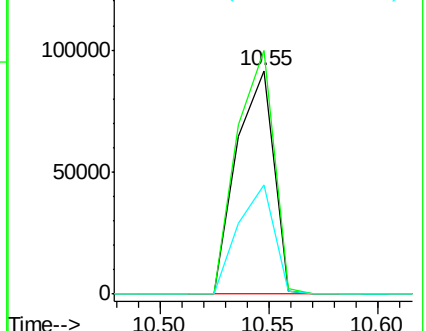
160 49.1 36.8 55.2

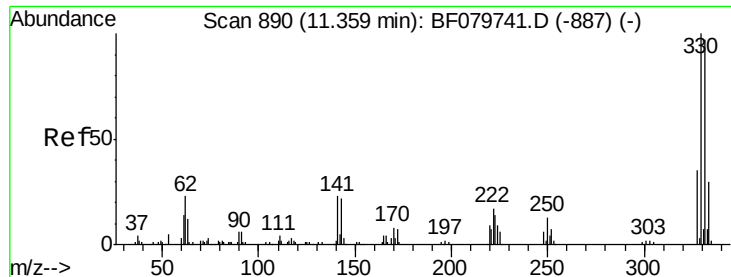


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

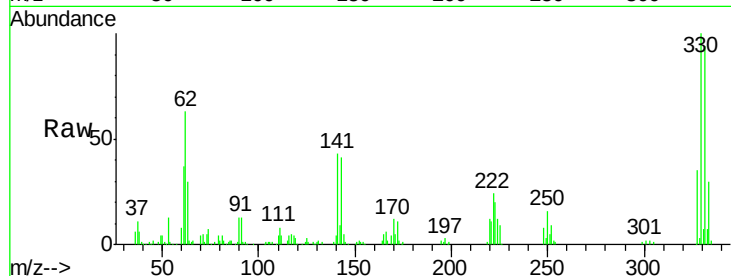




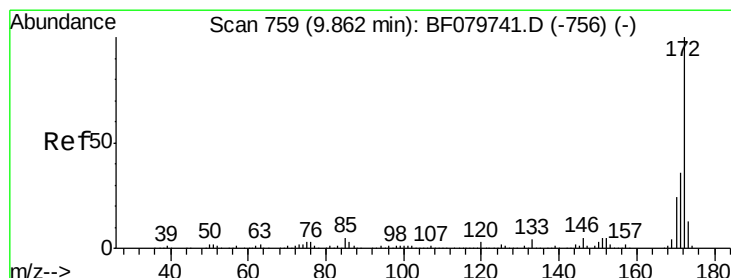
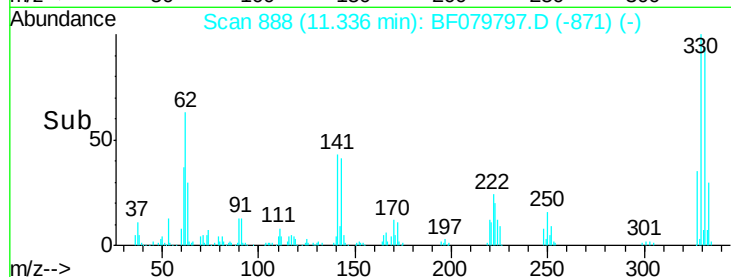
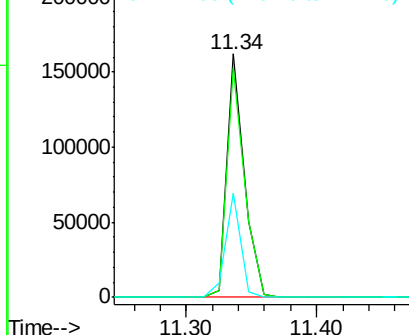
#41
 2,4,6-Tribromophenol
 Concen: 146.19 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079797.D
 Acq: 7 Jun 2015 6:43

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-8(0-2)

Tgt Ion:330 Resp: 150827
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 37.7 30.2 45.2

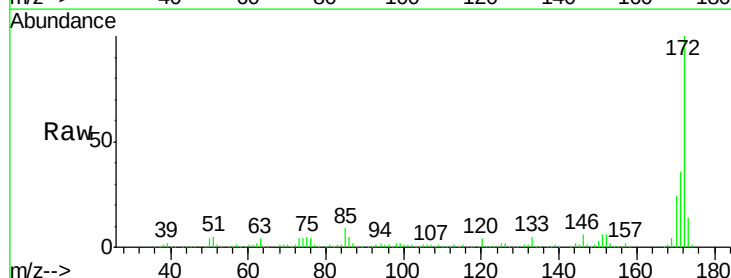


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

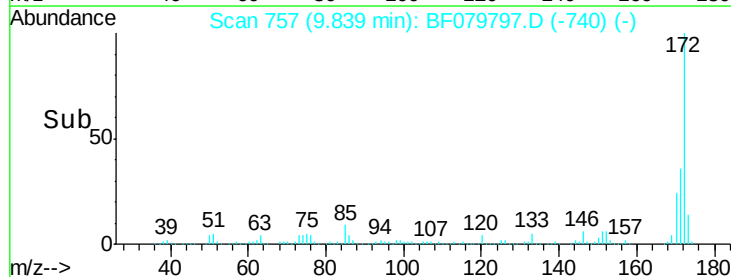
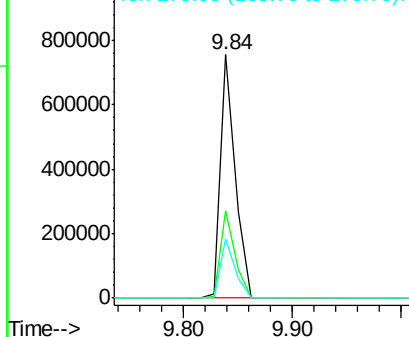


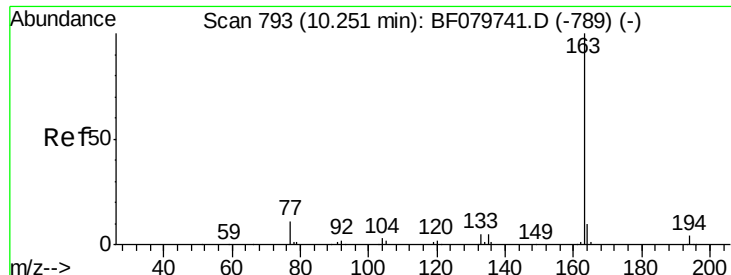
#44
 2-Fluorobiphenyl
 Concen: 89.69 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079797.D
 Acq: 7 Jun 2015 6:43

Tgt Ion:172 Resp: 714162
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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

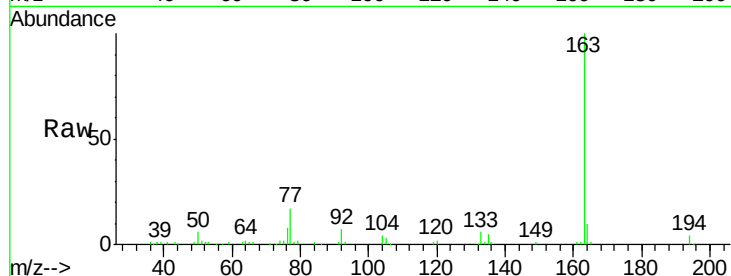




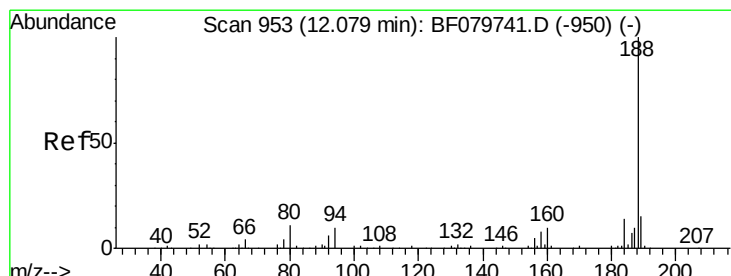
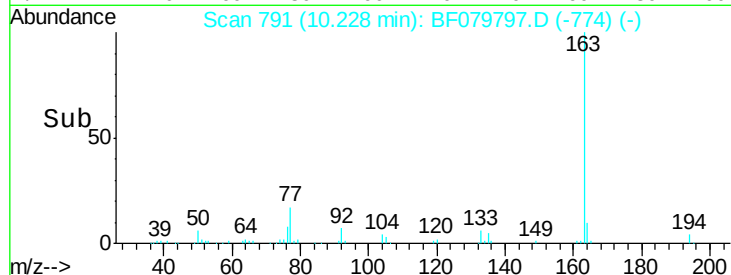
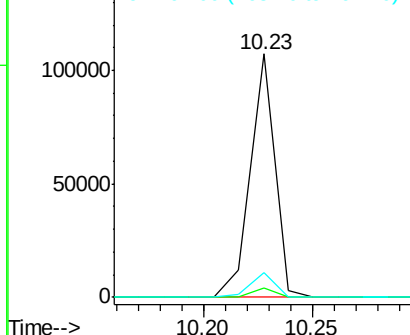
#49
Dimethylphthalate
Concen: 10.07 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Instrument :
BNA_F
ClientSampleId :
PIER2-8(0-2)

Tgt Ion:163 Resp: 83695
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.0 8.5 12.7

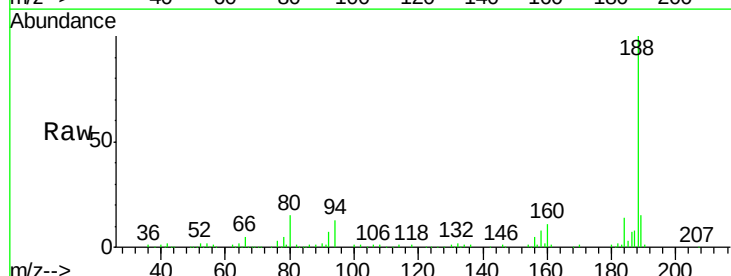


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

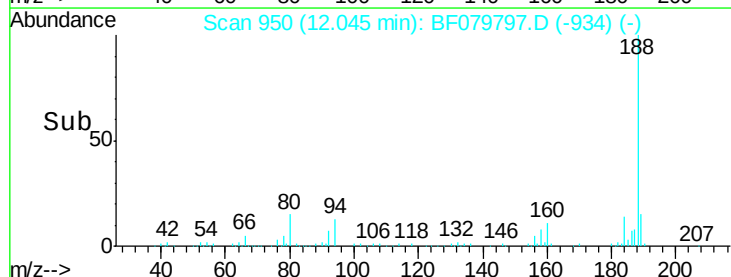
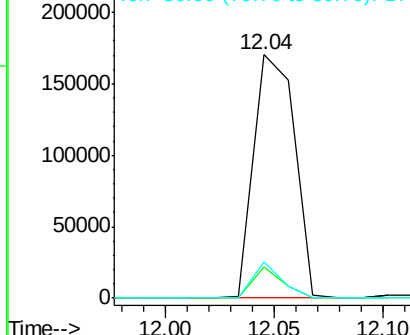


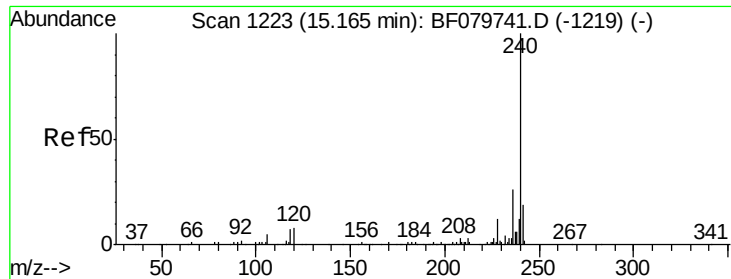
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.04 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Tgt Ion:188 Resp: 223734
Ion Ratio Lower Upper
188 100
94 12.7 5.0 7.4#
80 14.8 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

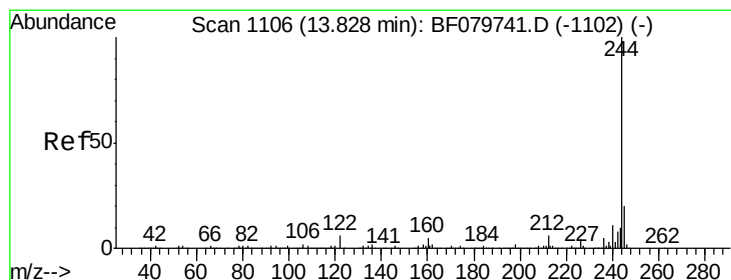
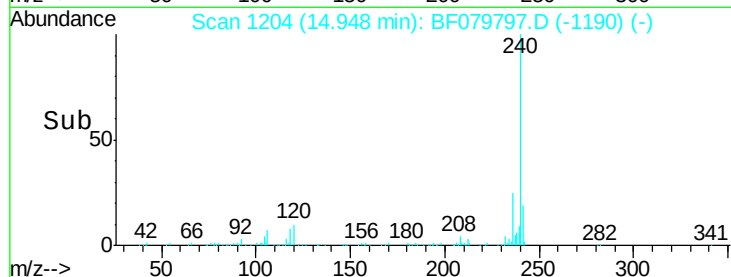
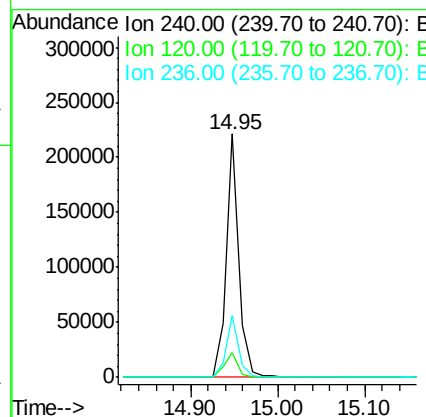
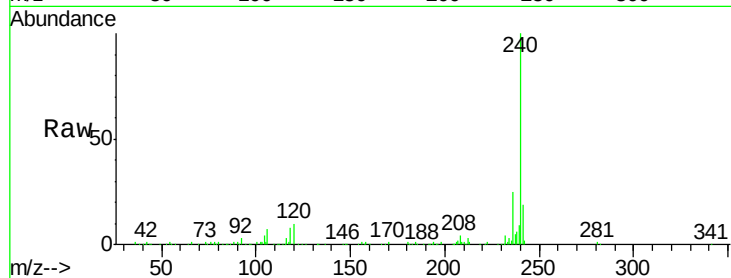




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BF079797.D
 Acq: 7 Jun 2015 6:43

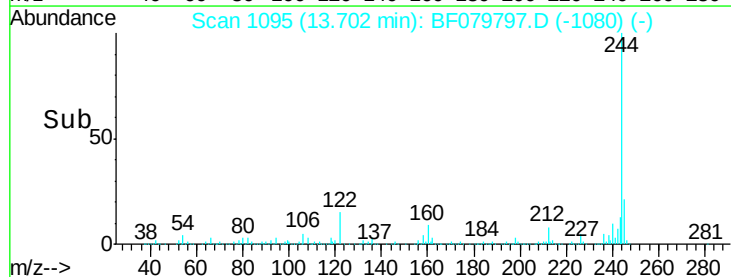
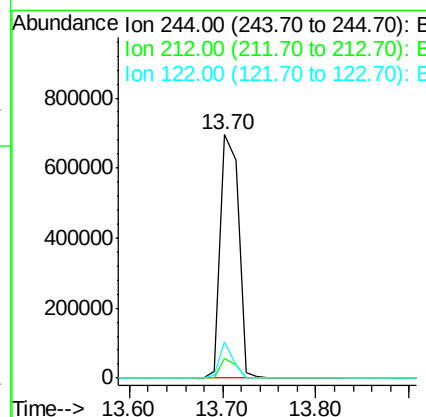
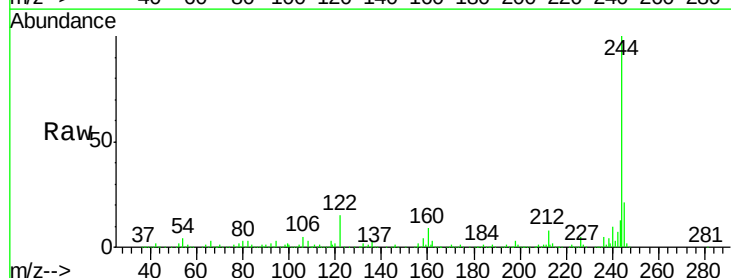
Instrument :
 BNA_F
 ClientSampleId :
 PIER2-8(0-2)

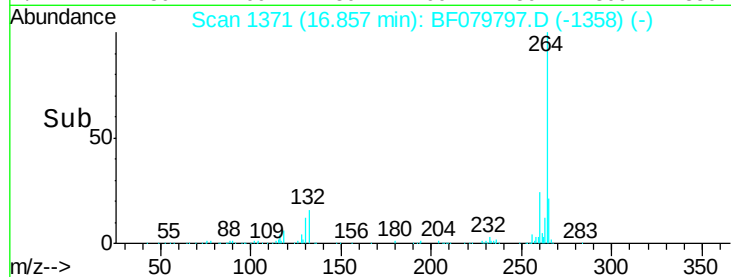
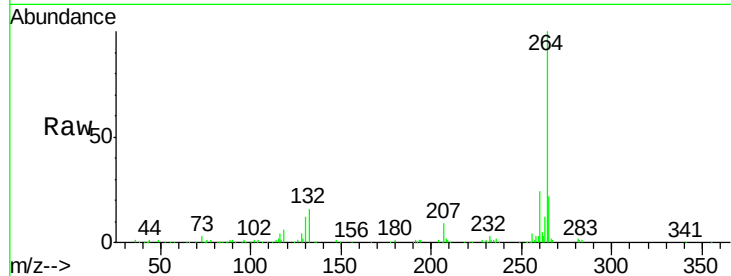
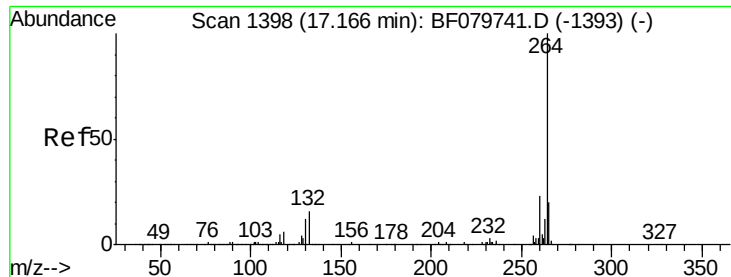
Tgt Ion:240 Resp: 225303
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.2 9.2#
 236 25.4 21.0 31.4



#78
 Terphenyl-d14
 Concen: 94.79 ng
 RT: 13.70 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF079797.D
 Acq: 7 Jun 2015 6:43

Tgt Ion:244 Resp: 932488
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 15.1 9.3 13.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.86 min Scan# 1371
Delta R.T. -0.05 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Instrument :
BNA_F
ClientSampleId :
PIER2-8(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.5	18.2	27.4

