

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079794.D
 Acq On : 7 Jun 2015 5:16
 Operator : TP/IZ
 Sample : G2507-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-4(0-2)

Quant Time: Jun 09 01:12:39 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

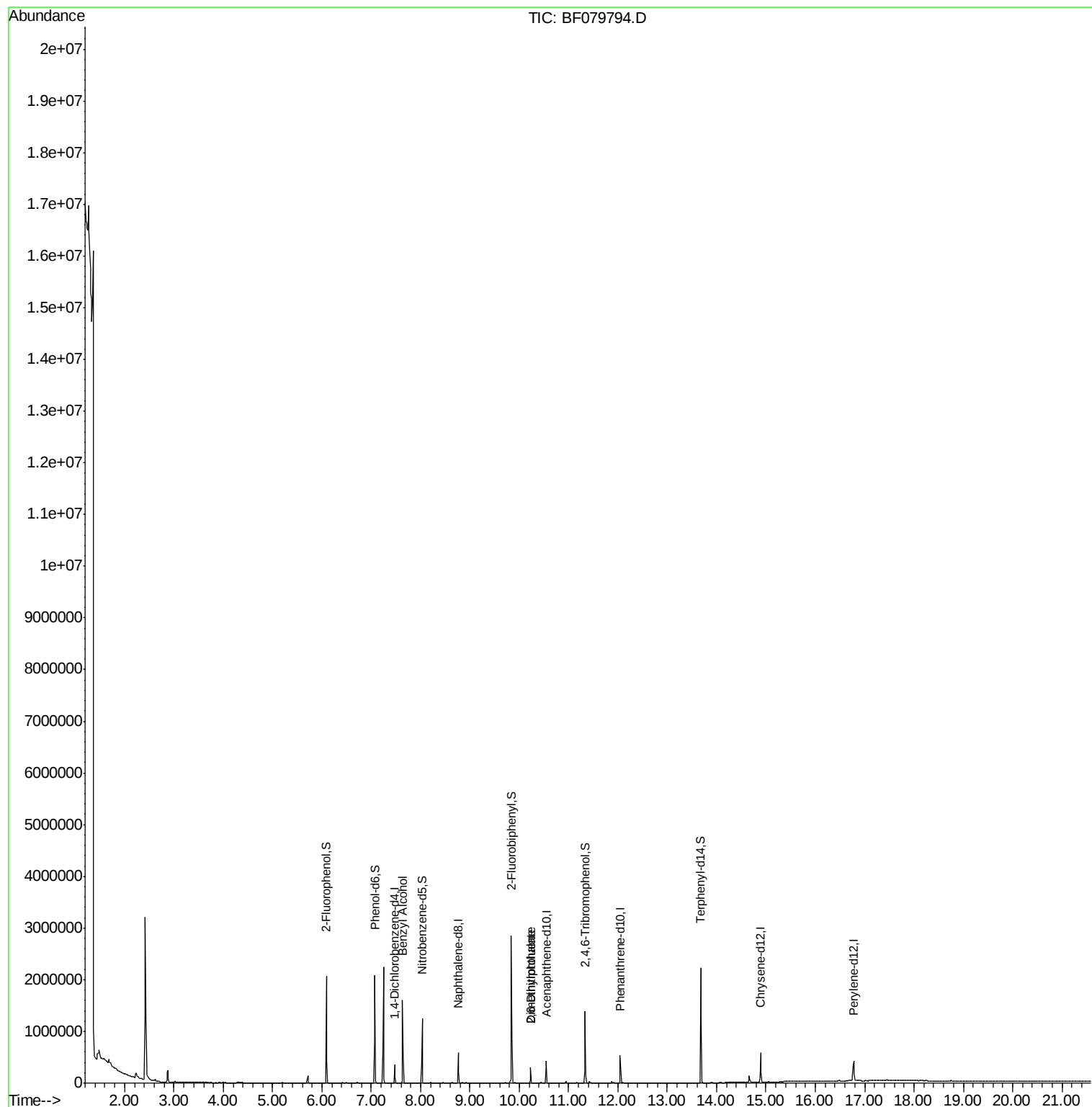
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	56536	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	264135	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	109736	20.00	ng	0.00
63) Phenanthrene-d10	12.05	188	224313	20.00	ng	-0.01
75) Chrysene-d12	14.89	240	230462	20.00	ng	-0.09
86) Perylene-d12	16.78	264	238122	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	511743	151.71	ng	0.00
7) Phenol-d6	7.07	99	733652	168.39	ng	0.00
23) Nitrobenzene-d5	8.03	82	385602	89.63	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	143914	137.12	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	881231	108.80	ng	0.00
78) Terphenyl-d14	13.68	244	888592	88.31	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.63	79	7403	2.06	ng	# 42
49) Dimethylphthalate	10.23	163	117837	13.94	ng	99
50) 2,6-Dinitrotoluene	10.23	165	1138	2.03	ng	# 23

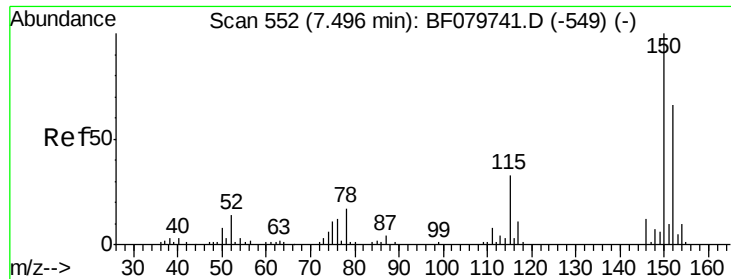
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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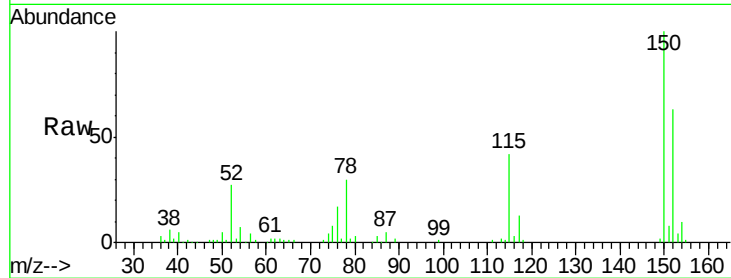


#1

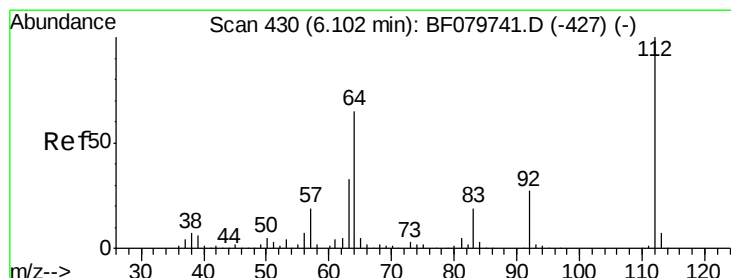
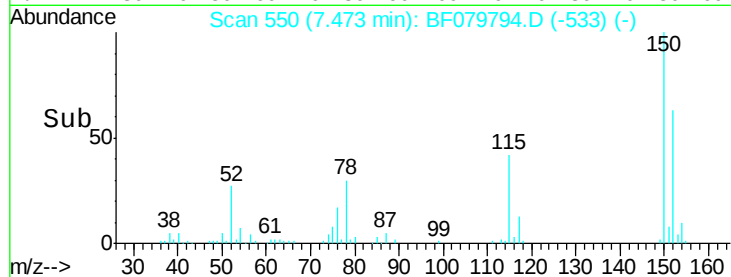
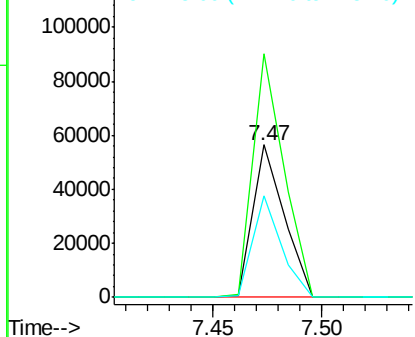
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF079794.D
Acq: 7 Jun 2015 5:16

Instrument :
BNA_F
ClientSampleId :
PIER2-4(0-2)

Tgt Ion:152 Resp: 56536
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 66.3 49.7 74.5



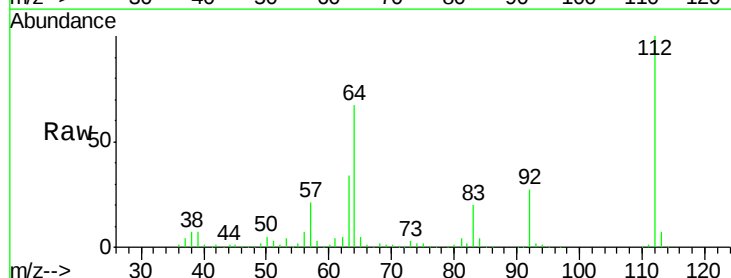
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



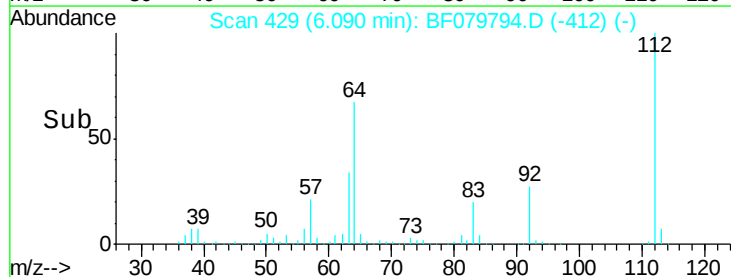
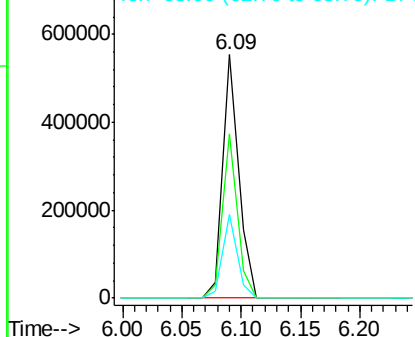
#5

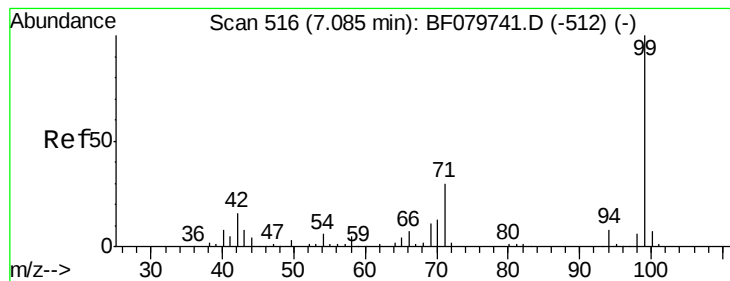
2-Fluorophenol
Concen: 151.71 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF079794.D
Acq: 7 Jun 2015 5:16

Tgt Ion:112 Resp: 511743
Ion Ratio Lower Upper
112 100
64 67.3 49.6 74.4
63 34.3 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: 168.39 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079794.D

Acq: 7 Jun 2015 5:16

Instrument :

BNA_F

ClientSampleId :

PIER2-4(0-2)

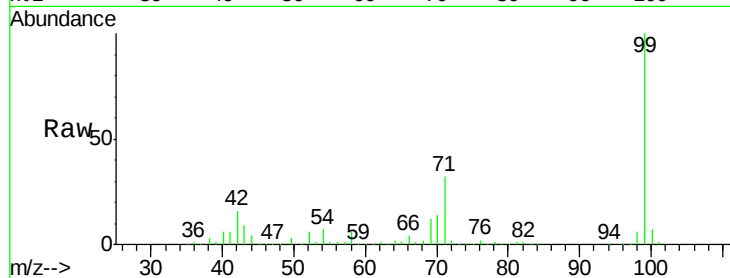
Tgt Ion: 99 Resp: 733652

Ion Ratio Lower Upper

99 100

42 16.2 18.0 27.0#

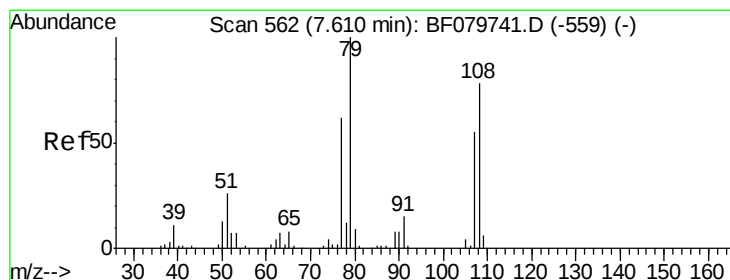
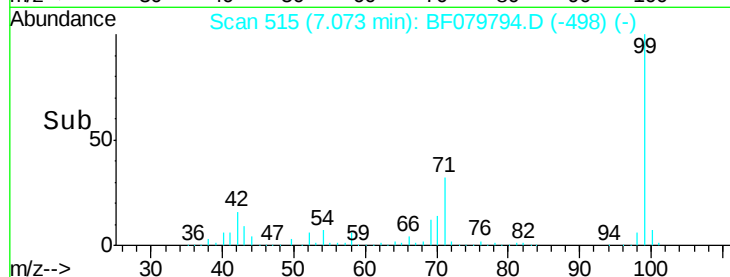
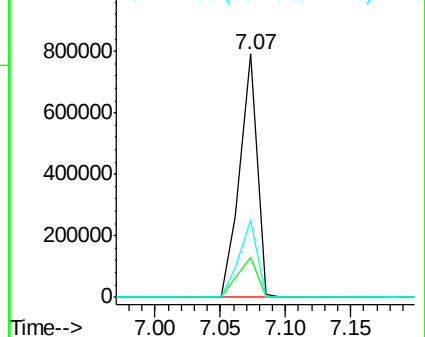
71 31.5 28.4 42.6



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: 2.06 ng

RT: 7.63 min Scan# 564

Delta R.T. 0.03 min

Lab File: BF079794.D

Acq: 7 Jun 2015 5:16

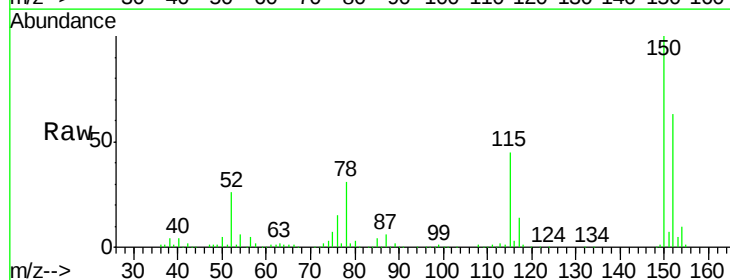
Tgt Ion: 79 Resp: 7403

Ion Ratio Lower Upper

79 100

108 27.5 68.4 102.6#

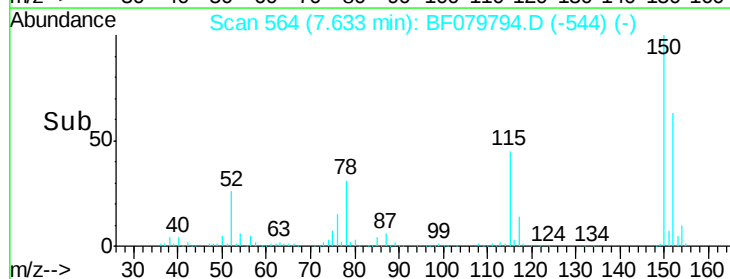
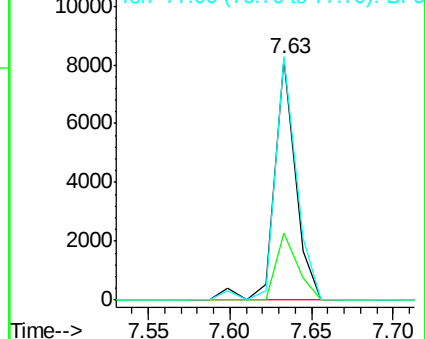
77 100.9 50.0 75.0#

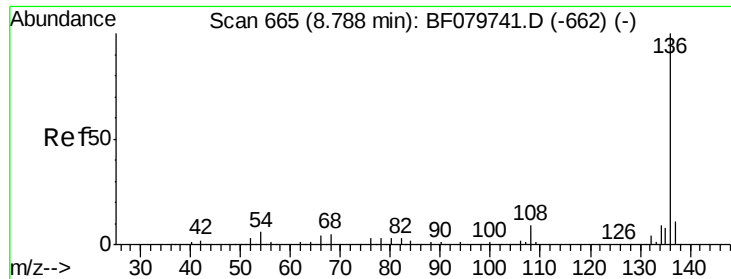


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

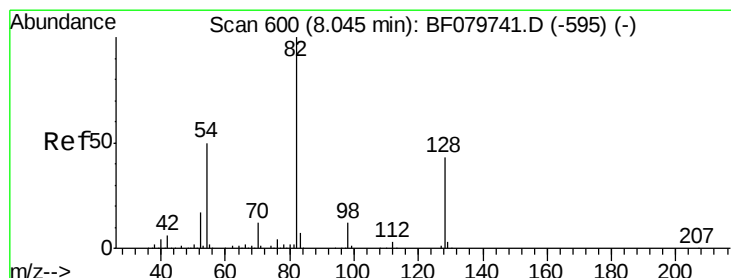
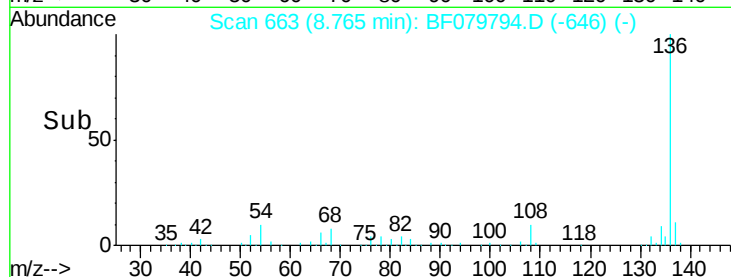
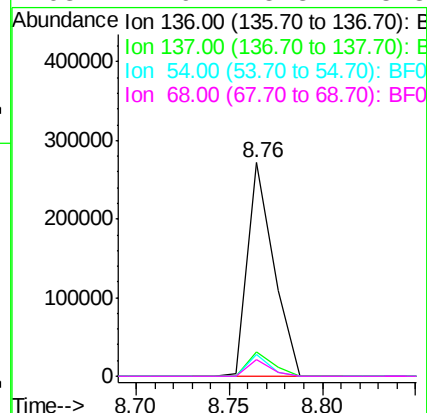
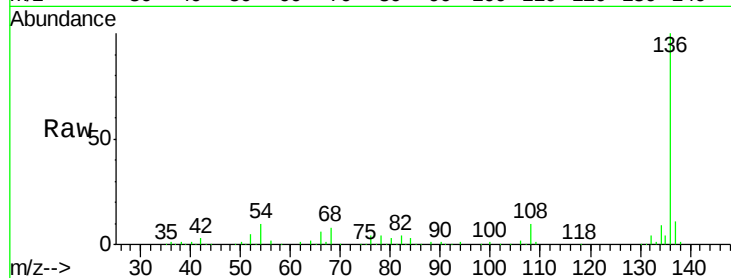




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079794.D
Acq: 7 Jun 2015 5:16

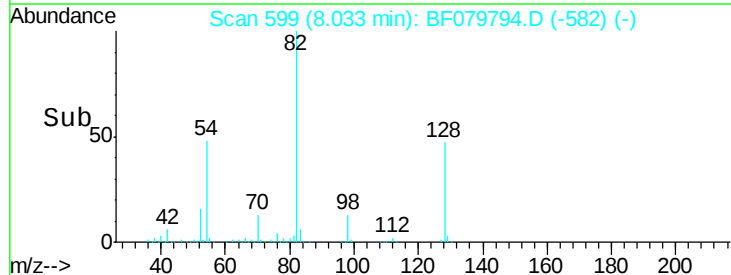
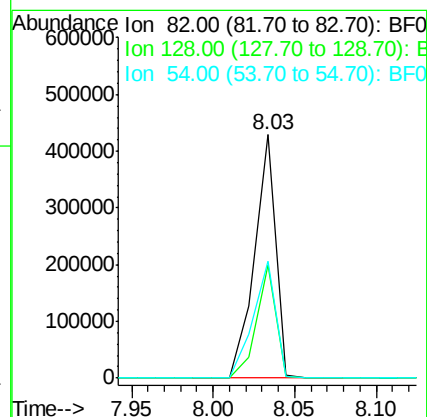
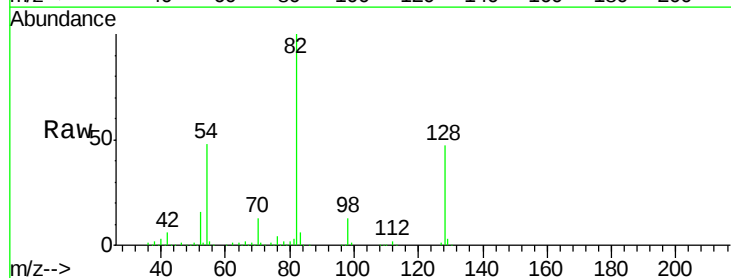
Instrument :
BNA_F
ClientSampleId :
PIER2-4(0-2)

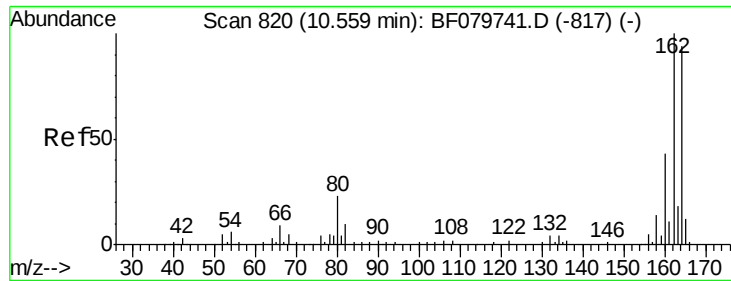
Tgt Ion:	136	Resp:	264135
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.3	8.7	13.1
68	7.9	5.8	8.8



#23
Nitrobenzene-d5
Concen: 89.63 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF079794.D
Acq: 7 Jun 2015 5:16

Tgt Ion:	82	Resp:	385602
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.6	56.4
54	48.0	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: BF079794.D

Acq: 7 Jun 2015 5:16

Instrument :

BNA_F

ClientSampleId :

PIER2-4(0-2)

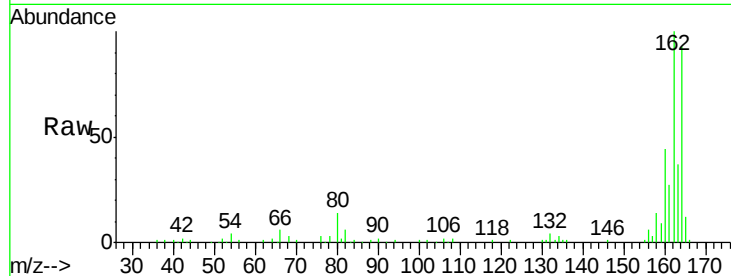
Tgt Ion:164 Resp: 109736

Ion Ratio Lower Upper

164 100

162 107.6 82.6 123.8

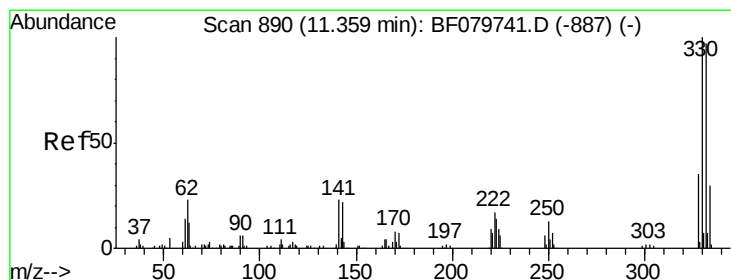
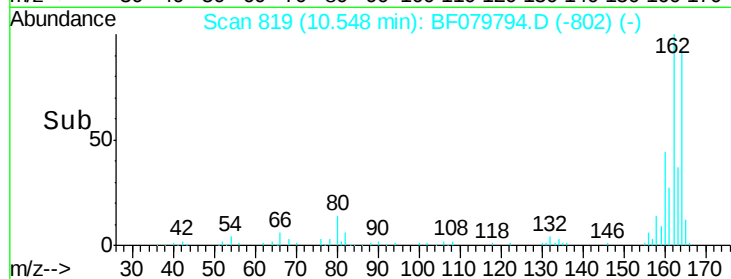
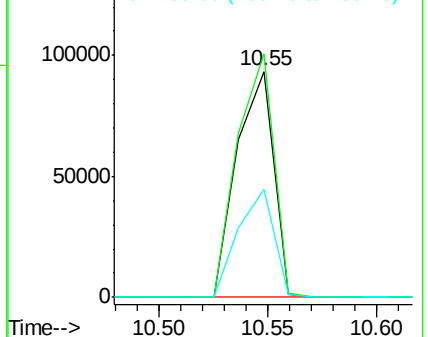
160 47.5 36.8 55.2



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: 137.12 ng

RT: 11.34 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF079794.D

Acq: 7 Jun 2015 5:16

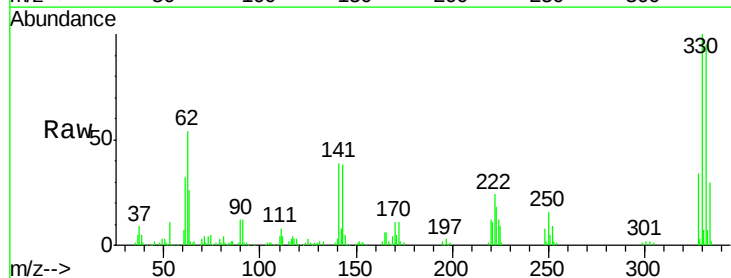
Tgt Ion:330 Resp: 143914

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

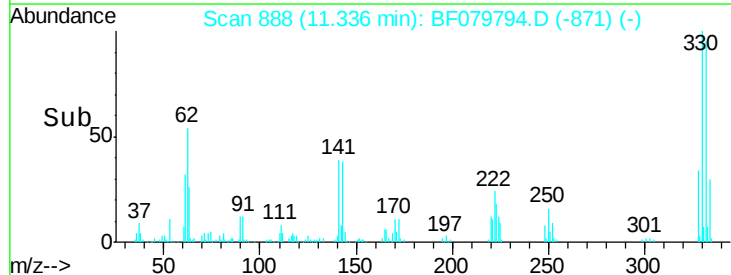
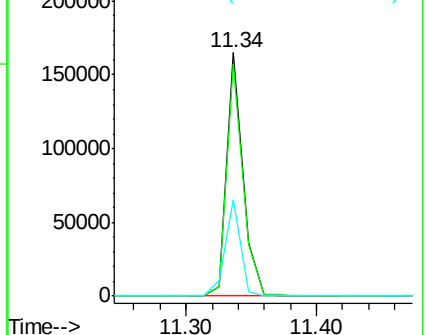
141 37.6 30.2 45.2

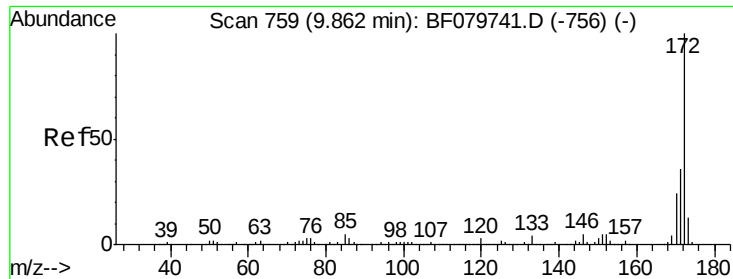


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

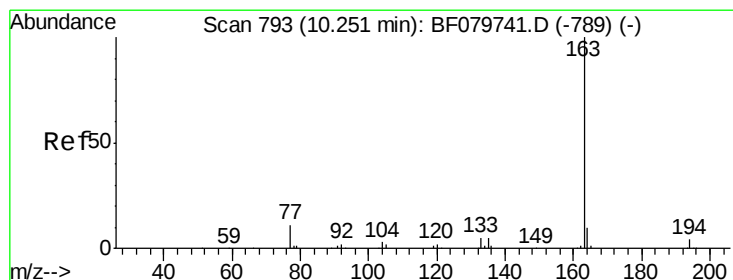
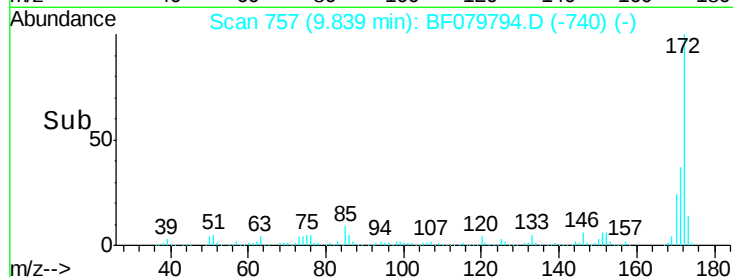
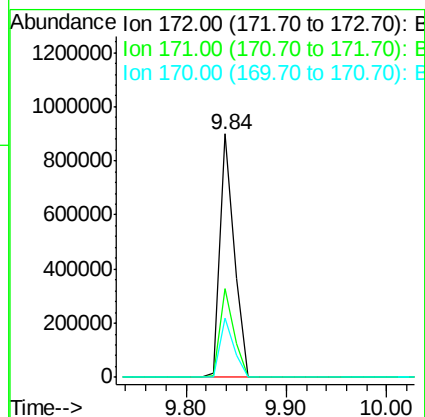
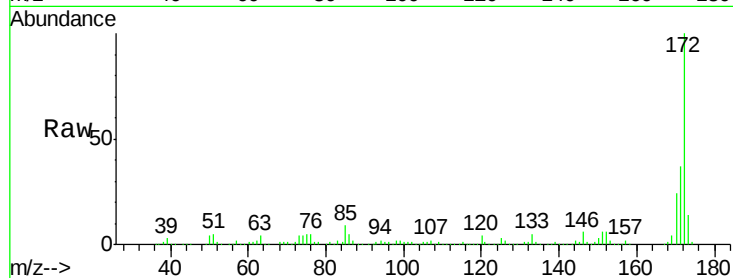




#44
2-Fluorobiphenyl
Concen: 108.80 ng
RT: 9.84 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF079794.D
Acq: 7 Jun 2015 5:16

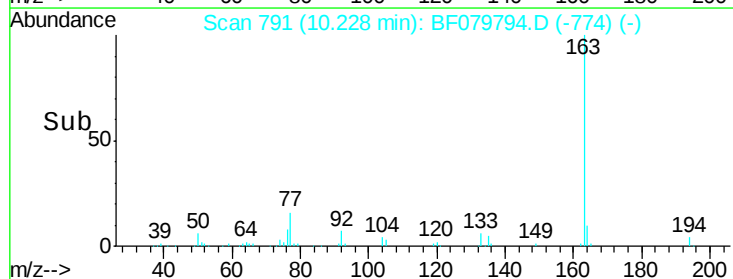
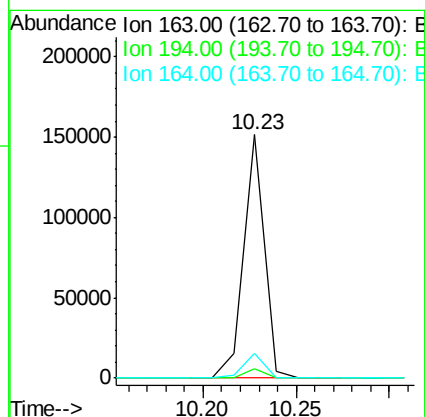
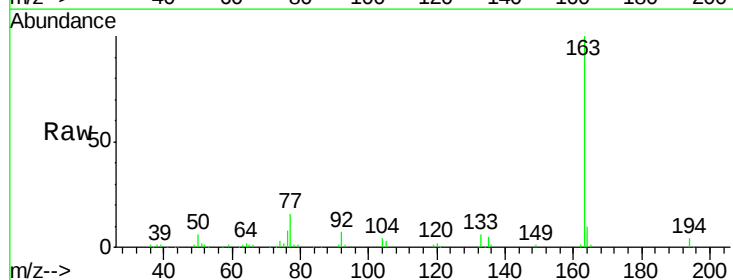
Instrument :
BNA_F
ClientSampleId :
PIER2-4(0-2)

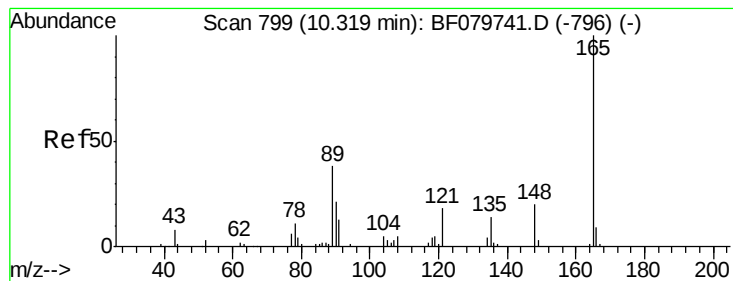
Tgt Ion:172 Resp: 881231
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.5 19.7 29.5



#49
Dimethylphthalate
Concen: 13.94 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF079794.D
Acq: 7 Jun 2015 5:16

Tgt Ion:163 Resp: 117837
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.1 8.5 12.7





#50

2,6-Dinitrotoluene

Concen: 2.03 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.07 min

Lab File: BF079794.D

Acq: 7 Jun 2015 5:16

Instrument :

BNA_F

ClientSampleId :

PIER2-4(0-2)

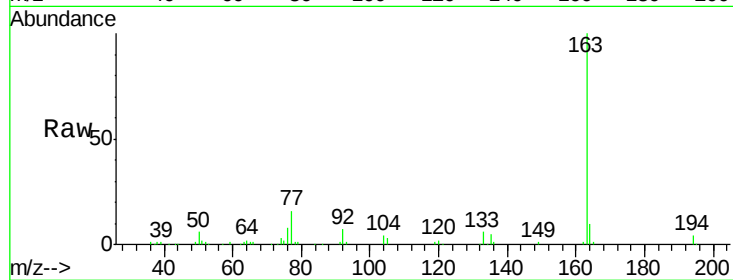
Tgt Ion:165 Resp: 1138

Ion Ratio Lower Upper

165 100

63 111.9 45.2 67.8#

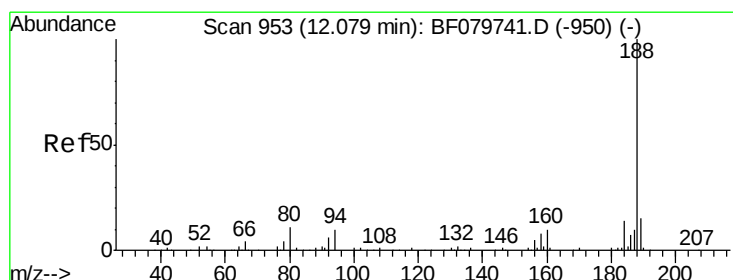
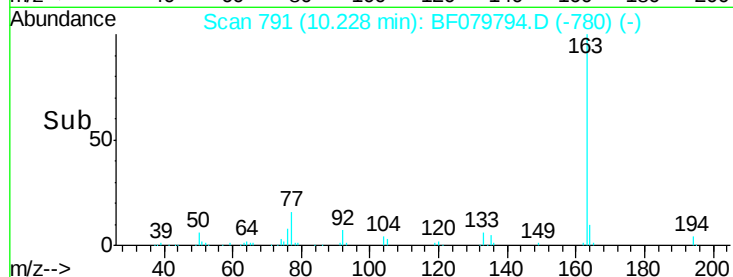
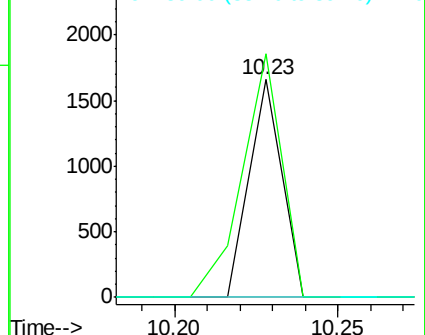
89 0.0 45.9 68.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.05 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF079794.D

Acq: 7 Jun 2015 5:16

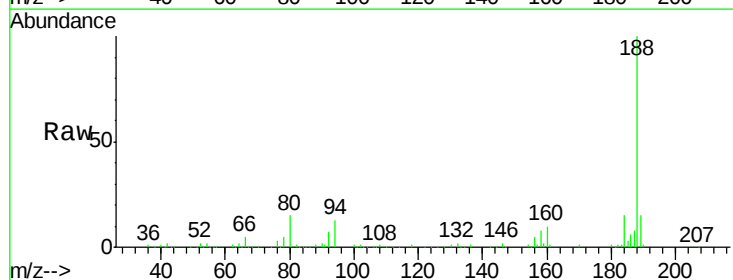
Tgt Ion:188 Resp: 224313

Ion Ratio Lower Upper

188 100

94 12.9 5.0 7.4#

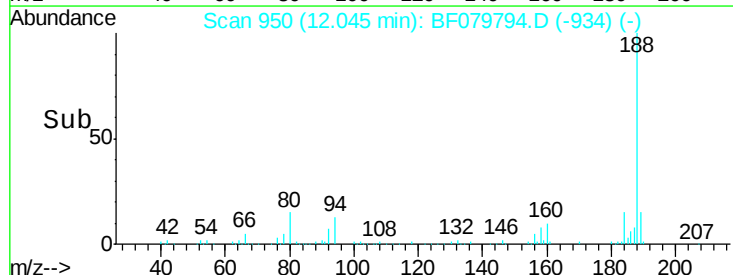
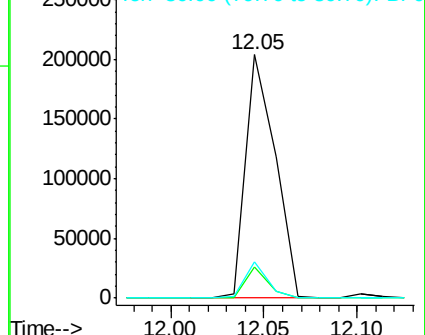
80 14.6 5.3 7.9#

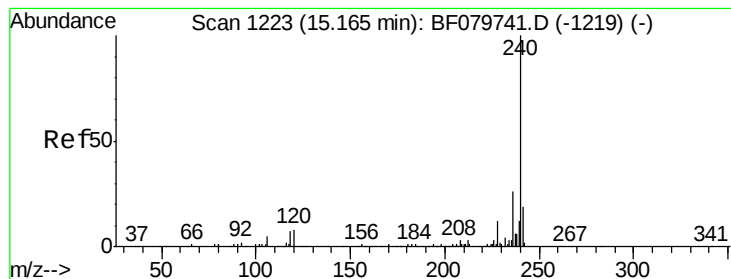


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.89 min Scan# 1199

Delta R.T. -0.09 min

Lab File: BF079794.D

Acq: 7 Jun 2015 5:16

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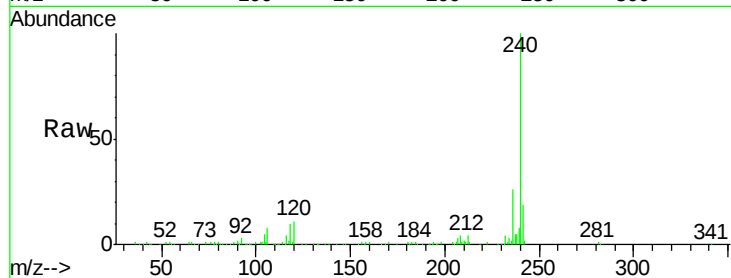
Tgt Ion:240 Resp: 230462

Ion Ratio Lower Upper

240 100

120 11.3 6.2 9.2#

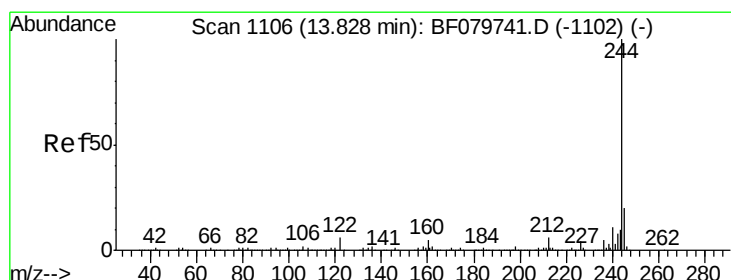
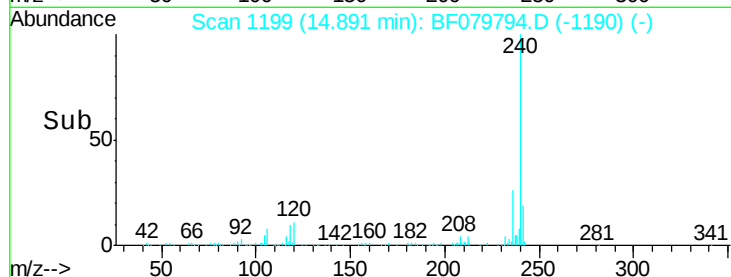
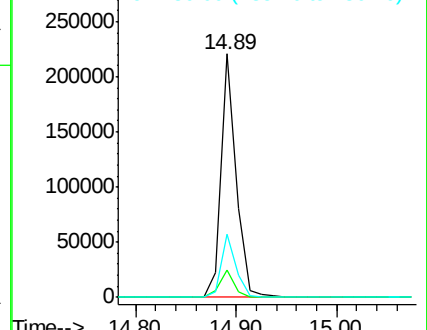
236 25.9 21.0 31.4



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: 88.31 ng

RT: 13.68 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BF079794.D

Acq: 7 Jun 2015 5:16

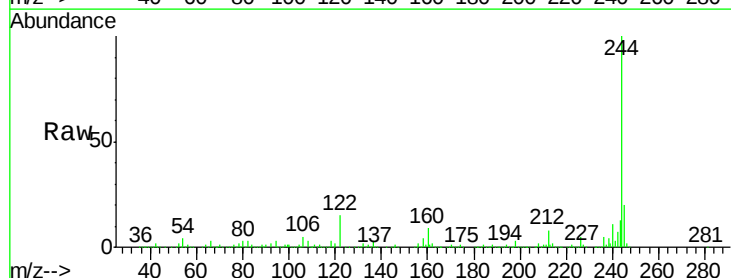
Tgt Ion:244 Resp: 888592

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

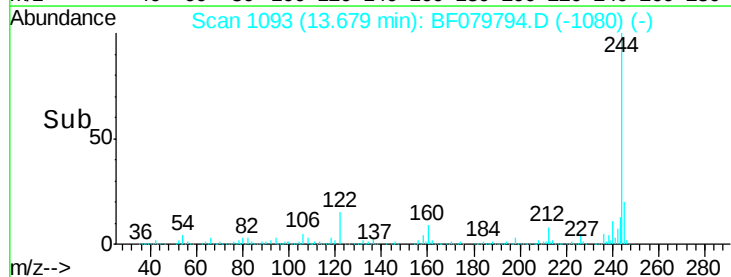
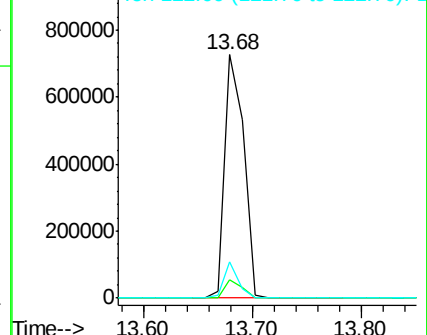
122 14.6 9.3 13.9#

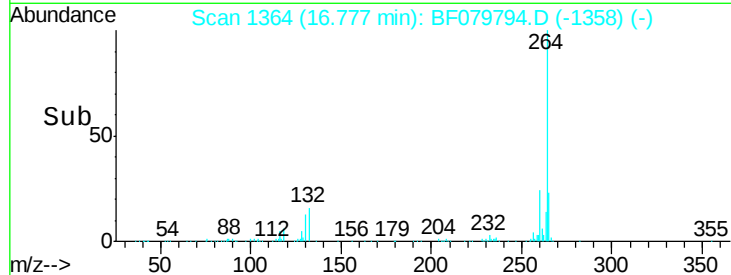
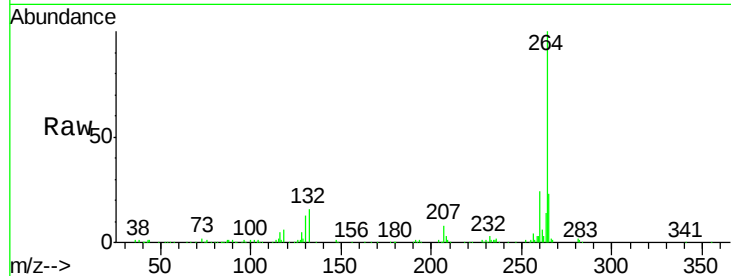
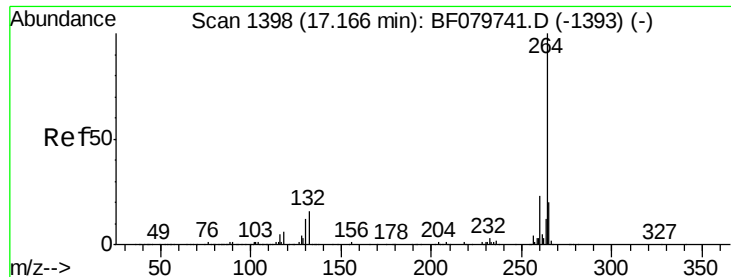


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.78 min Scan# 1364
Delta R.T. -0.13 min
Lab File: BF079794.D
Acq: 7 Jun 2015 5:16

Instrument :
BNA_F
ClientSampleId :
PIER2-4(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.9	18.2	27.4

