

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079774.D
 Acq On : 6 Jun 2015 17:43
 Operator : TP/IZ
 Sample : G2511-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Quant Time: Jun 08 18:33:40 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 15:29:07 2015
 Response via : Initial Calibration

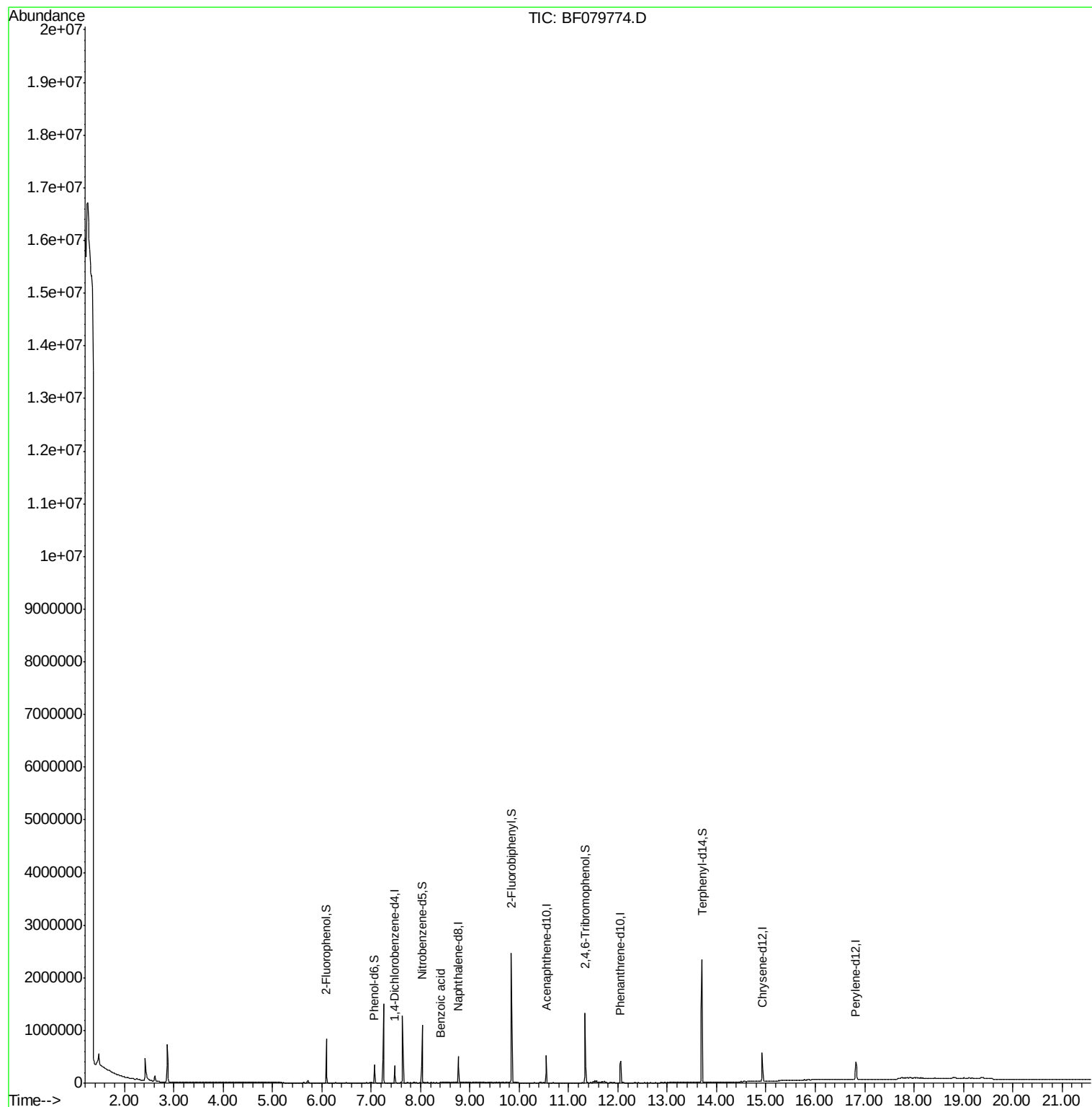
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	53911	20.00	ng	-0.02
21) Naphthalene-d8	8.76	136	274985	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	108929	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	212725	20.00	ng	-0.01
75) Chrysene-d12	14.93	240	224999	20.00	ng	-0.01
86) Perylene-d12	16.82	264	204153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	197219	61.31	ng	-0.01
7) Phenol-d6	7.06	99	149771	36.05	ng	-0.02
23) Nitrobenzene-d5	8.03	82	332338	74.20	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	144507	138.71	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	852476	106.03	ng	-0.02
78) Terphenyl-d14	13.70	244	925026	94.16	ng	-0.01
Target Compounds						
32) Benzoic acid	8.41	122	1171	4.73	ng	Qvalue 91

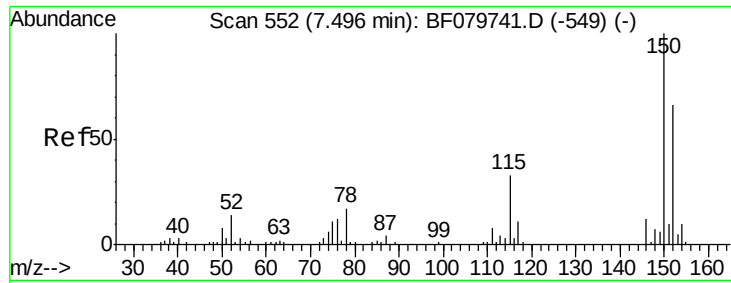
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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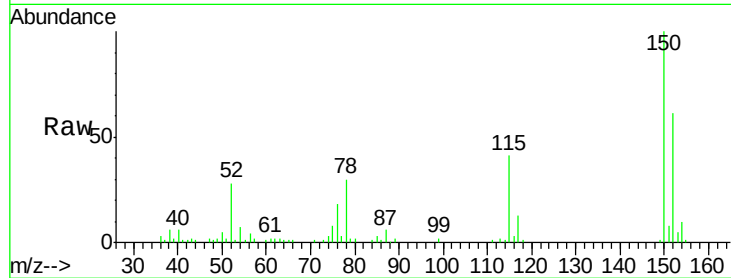


#1

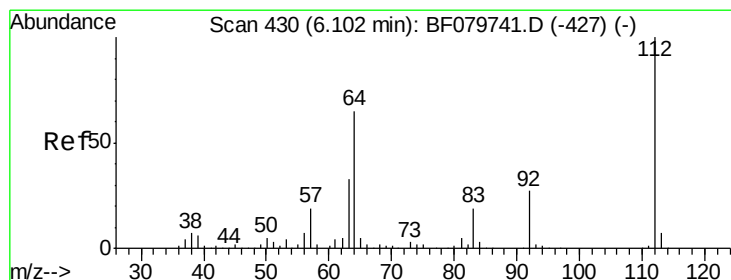
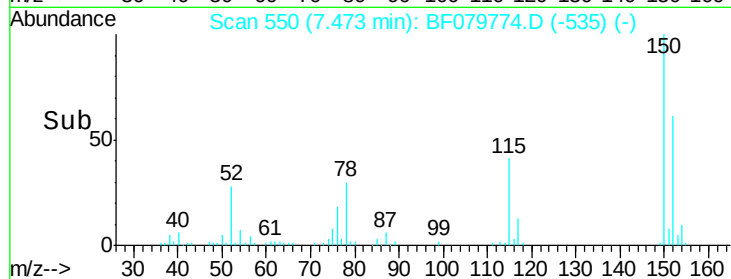
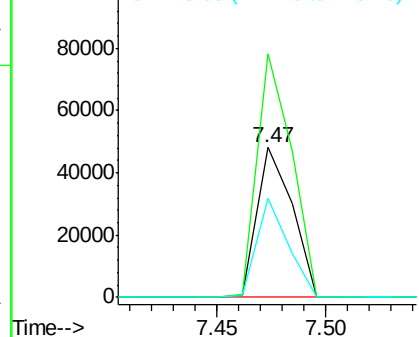
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF079774.D
Acq: 6 Jun 2015 17:43

Instrument :
BNA_F
ClientSampled :
DUPLICATE

Tgt Ion:152 Resp: 53911
Ion Ratio Lower Upper
152 100
150 162.7 128.1 192.1
115 66.1 49.7 74.5



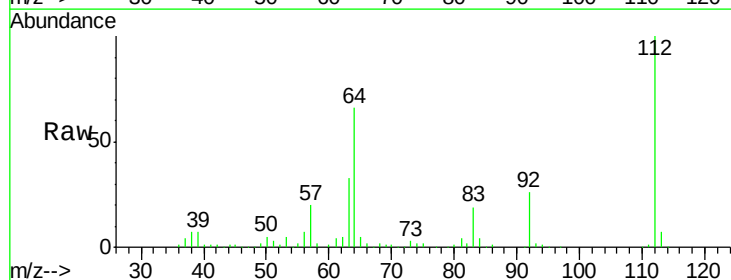
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



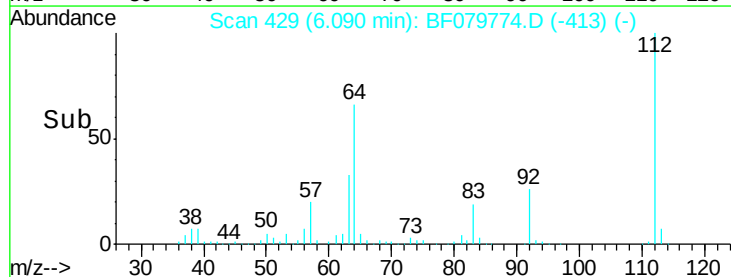
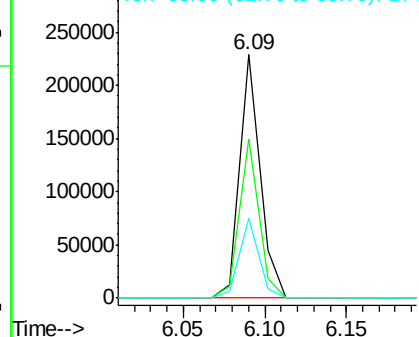
#5

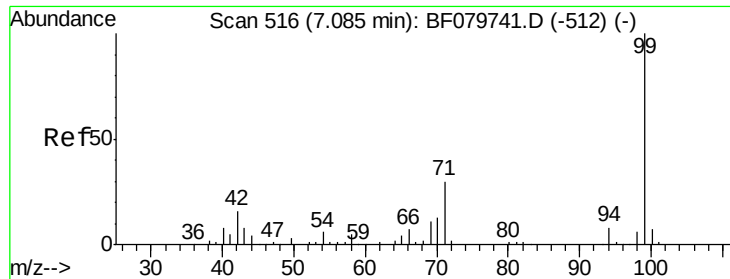
2-Fluorophenol
Concen: 61.31 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF079774.D
Acq: 6 Jun 2015 17:43

Tgt Ion:112 Resp: 197219
Ion Ratio Lower Upper
112 100
64 65.6 49.6 74.4
63 32.9 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: 36.05 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF079774.D

Acq: 6 Jun 2015 17:43

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

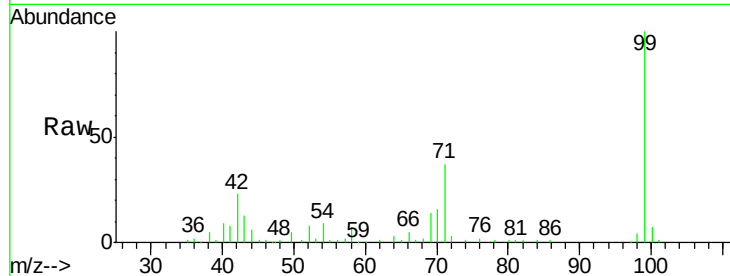
Tgt Ion: 99 Resp: 149771

Ion Ratio Lower Upper

99 100

42 23.0 18.0 27.0

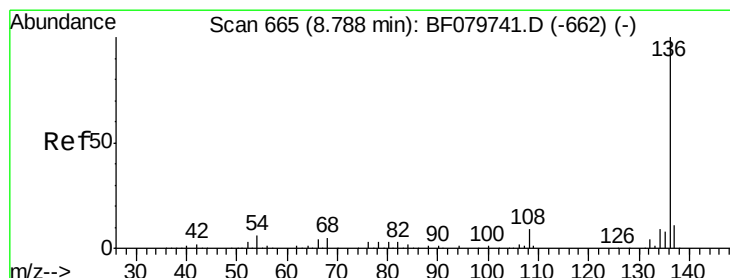
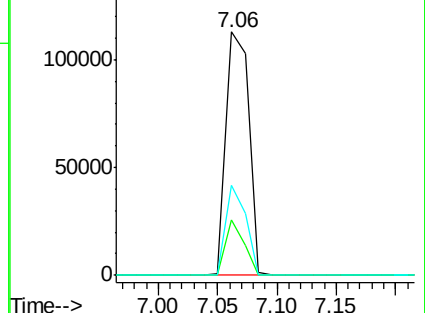
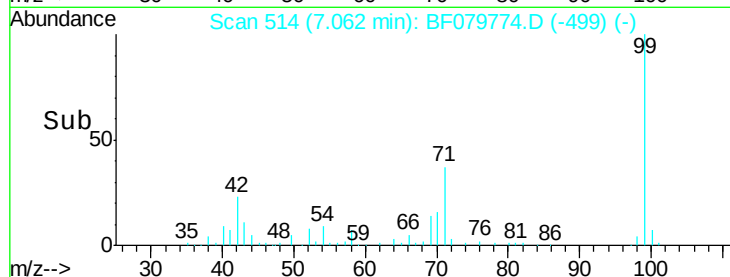
71 37.0 28.4 42.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079774.D

Acq: 6 Jun 2015 17:43

Tgt Ion: 136 Resp: 274985

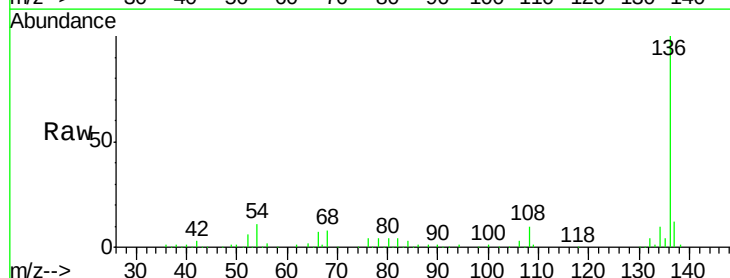
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 11.2 8.7 13.1

68 7.6 5.8 8.8

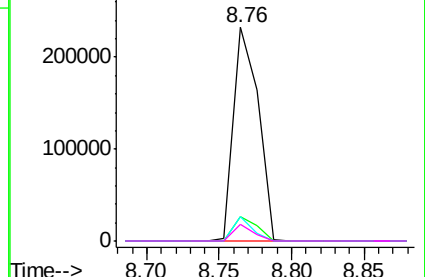
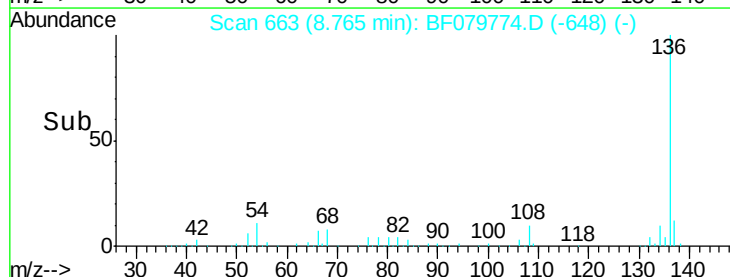


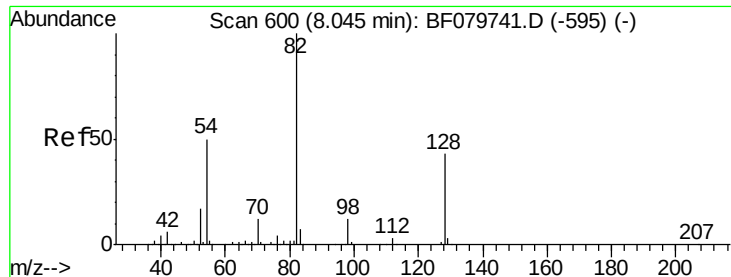
Abundance Ion 136.00 (135.70 to 136.70): E

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

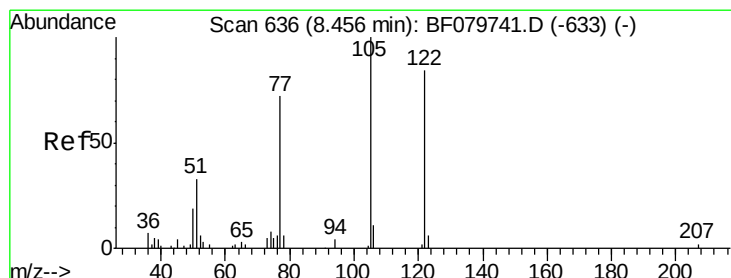
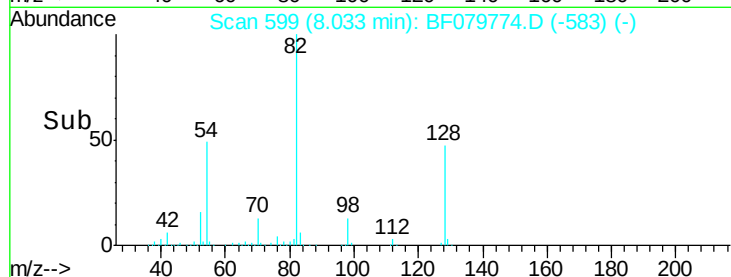
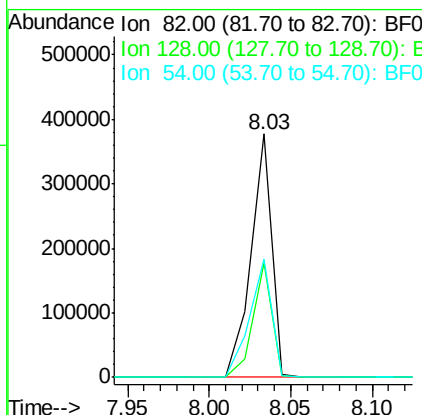
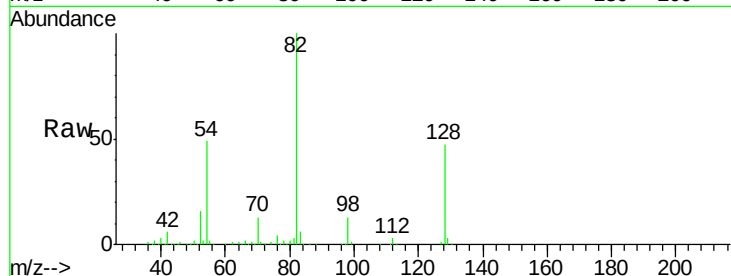




#23
 Nitrobenzene-d5
 Concen: 74.20 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF079774.D
 Acq: 6 Jun 2015 17:43

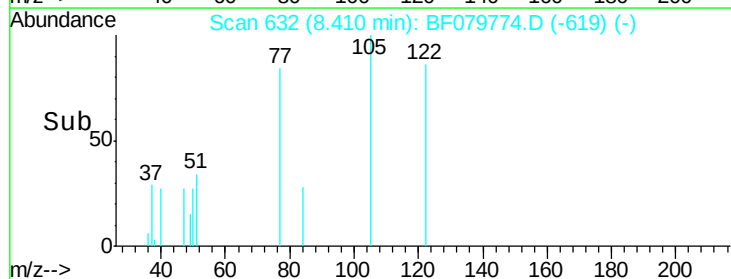
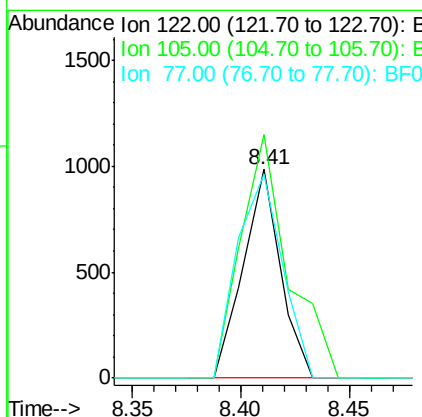
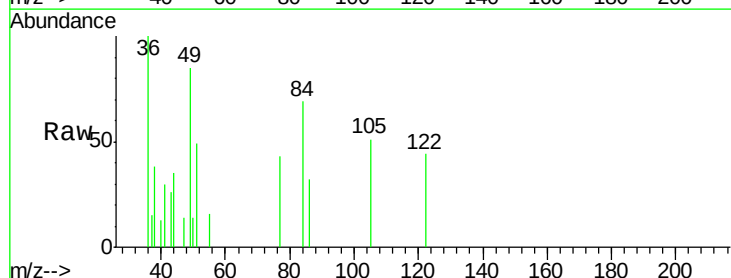
Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

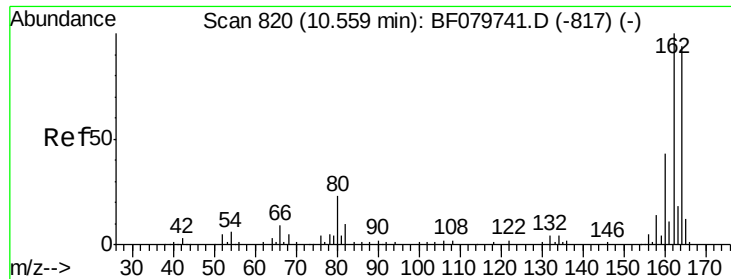
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.6	56.4
54	48.8	39.4	59.2



#32
 Benzoic acid
 Concen: 4.73 ng
 RT: 8.41 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF079774.D
 Acq: 6 Jun 2015 17:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	106.7	146.7
77	98.1	68.9	108.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF079774.D

Acq: 6 Jun 2015 17:43

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

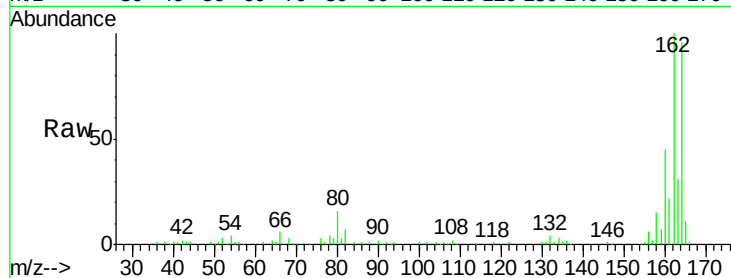
Tgt Ion:164 Resp: 108929

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

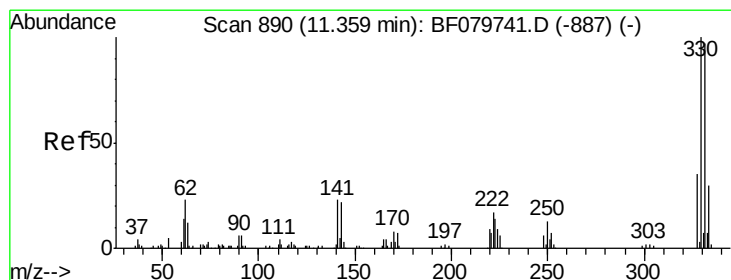
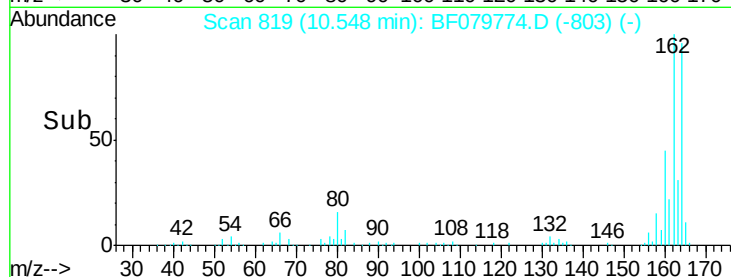
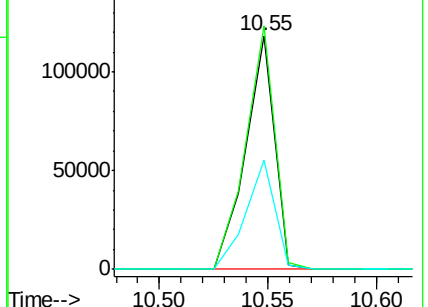
160 46.6 36.8 55.2



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: 138.71 ng

RT: 11.34 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF079774.D

Acq: 6 Jun 2015 17:43

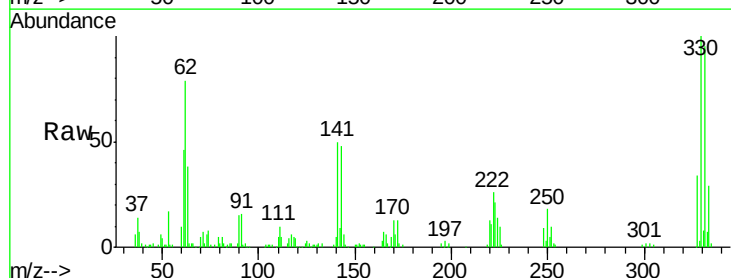
Tgt Ion:330 Resp: 144507

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

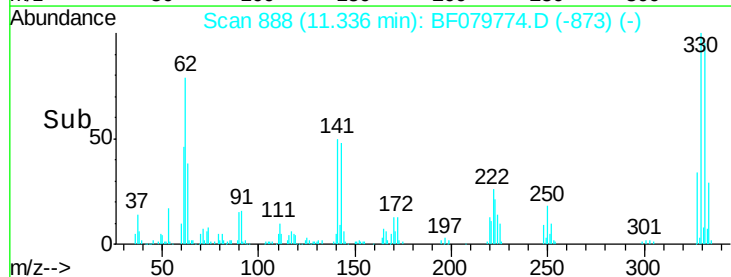
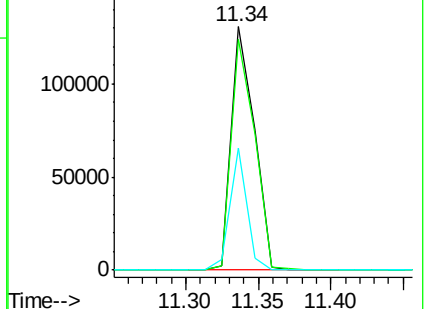
141 37.2 30.2 45.2

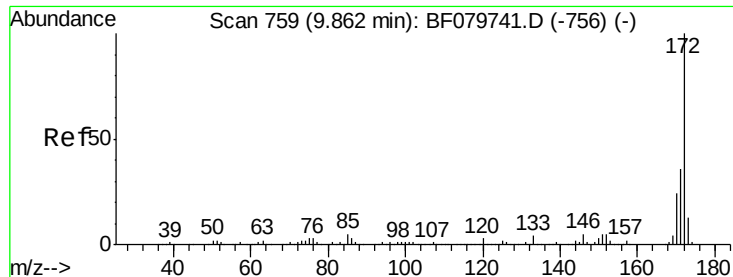


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

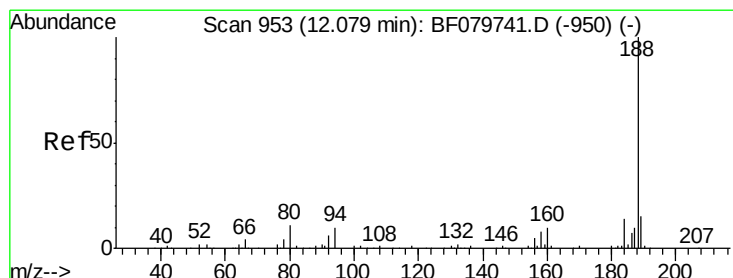
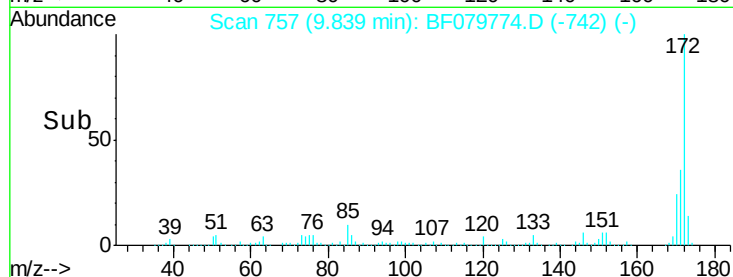
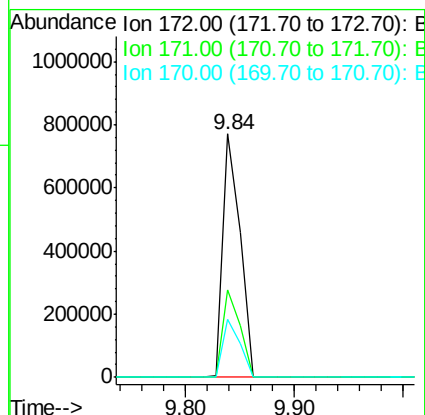
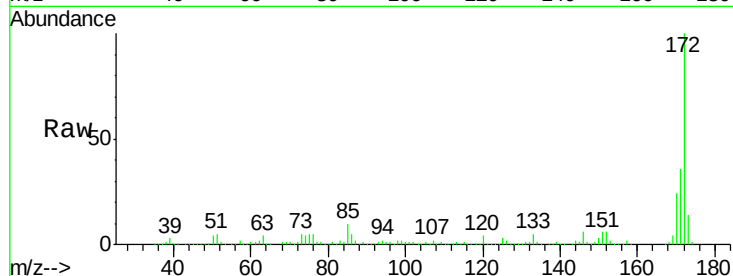




#44
 2-Fluorobiphenyl
 Concen: 106.03 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF079774.D
 Acq: 6 Jun 2015 17:43

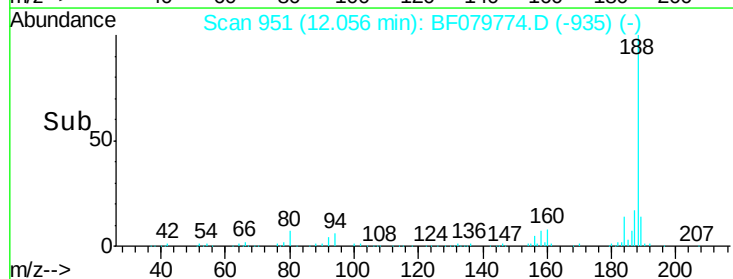
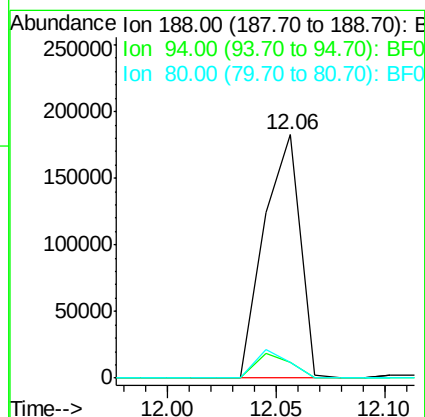
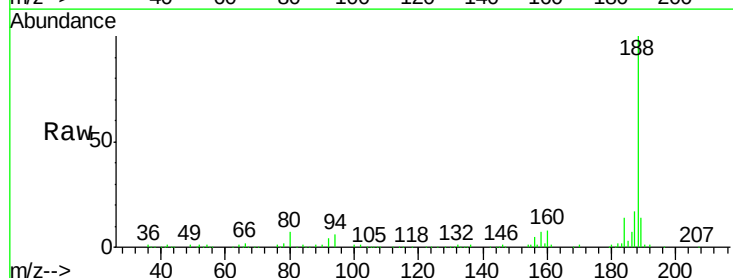
Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

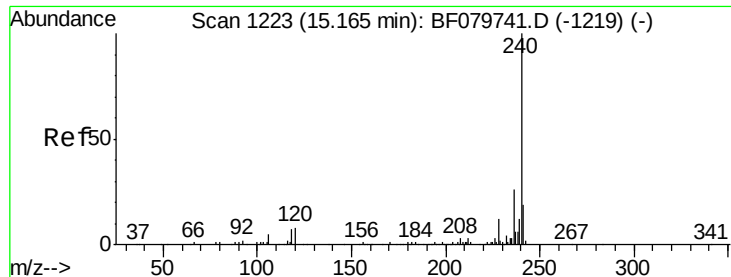
Tgt Ion:172 Resp: 852476
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.0 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF079774.D
 Acq: 6 Jun 2015 17:43

Tgt Ion:188 Resp: 212725
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.0 7.4
 80 6.6 5.3 7.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.93 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF079774.D

Acq: 6 Jun 2015 17:43

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

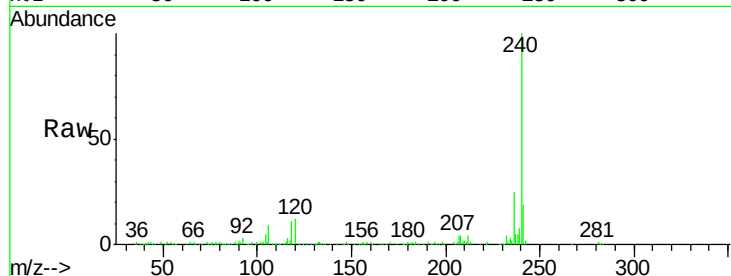
Tgt Ion:240 Resp: 224999

Ion Ratio Lower Upper

240 100

120 11.9 6.2 9.2#

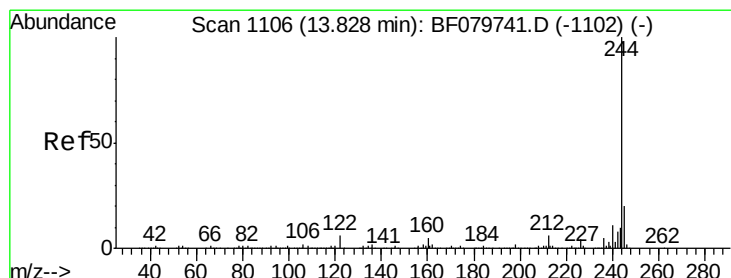
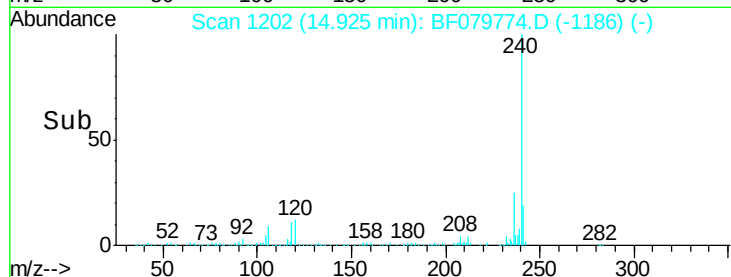
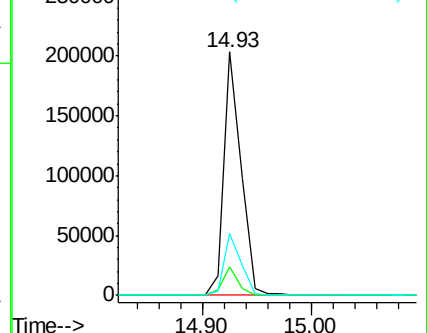
236 25.3 21.0 31.4



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: 94.16 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF079774.D

Acq: 6 Jun 2015 17:43

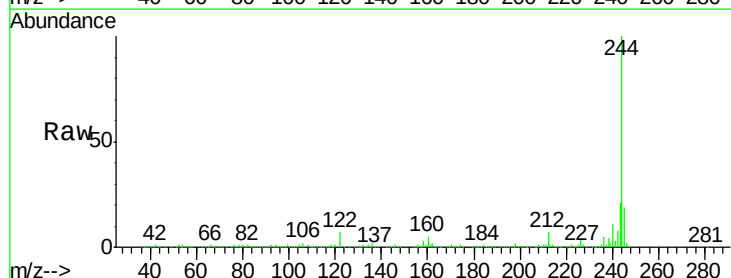
Tgt Ion:244 Resp: 925026

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

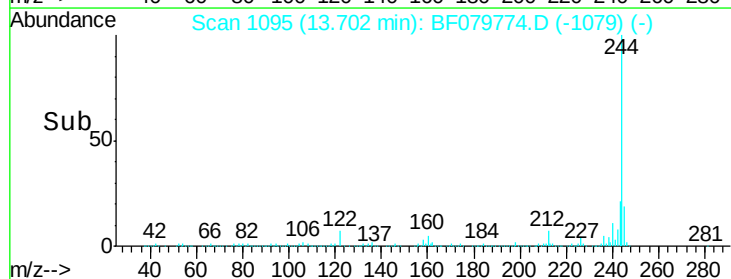
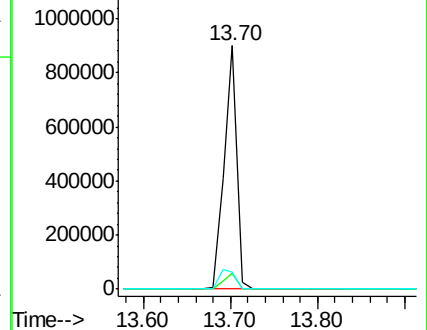
122 7.0 9.3 13.9#

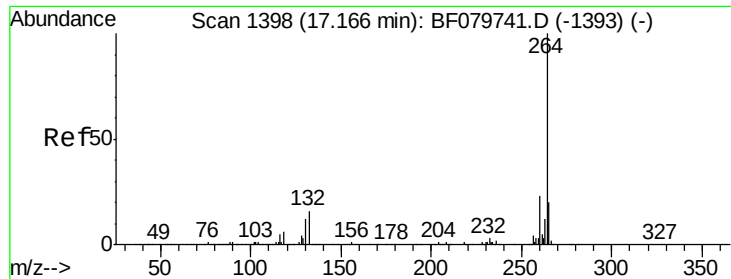


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.82 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BF079774.D
Acq: 6 Jun 2015 17:43

Instrument :
BNA_F
ClientSampleId :
DUPLICATE

Tgt Ion: 264 Resp: 204153
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 21.9 18.2 27.4

