

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079536.D
 Acq On : 27 May 2015 23:50
 Operator : TP/IZ
 Sample : G2386-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10

Quant Time: May 28 00:59:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 00:48:25 2015
 Response via : Initial Calibration

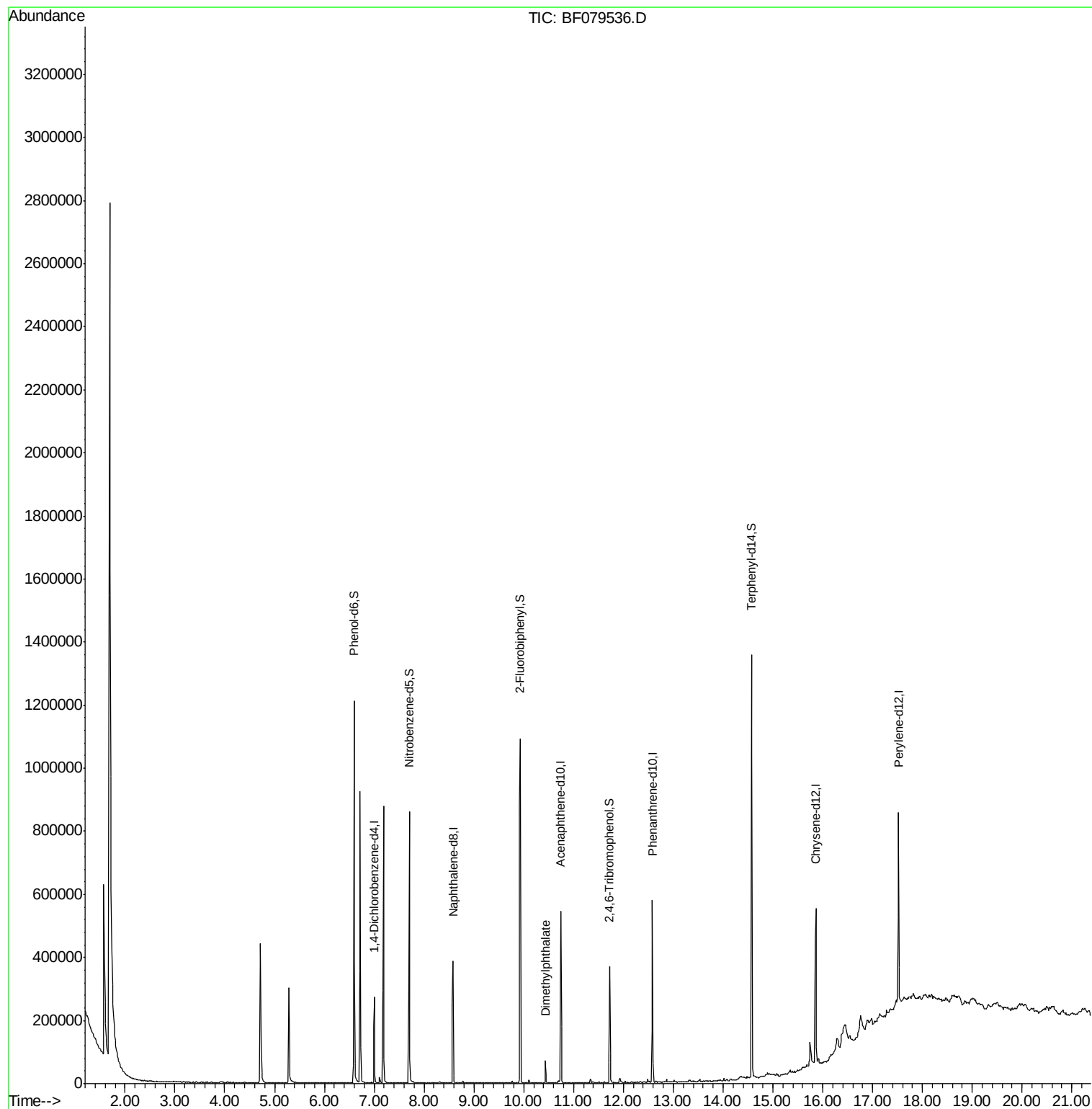
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	56518	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	232658	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	118727	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	221628	20.00	ng	0.00
75) Chrysene-d12	15.86	240	241346	20.00	ng	-0.08
86) Perylene-d12	17.52	264	268310	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.59	99	445060	107.16	ng	0.00
23) Nitrobenzene-d5	7.70	82	290494	72.18	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	48746	37.38	ng	-0.01
44) 2-Fluorobiphenyl	9.93	172	490116	58.89	ng	0.00
78) Terphenyl-d14	14.57	244	600539	58.40	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.43	163	32834	3.75	ng	Qvalue 97
73) Di-n-butylphthalate	13.35	149	1956	Below Cal	#	78
89) Benzo(a)pyrene	17.46	252	1344	Below Cal	#	1
90) Dibenzo(a,h)anthracene	18.96	278	1499	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.27	276	283	Below Cal	#	1

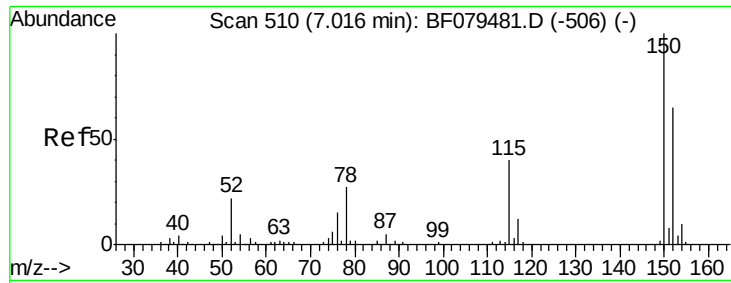
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

Instrument :

BNA_F

ClientSampleId :

TP-9-D10

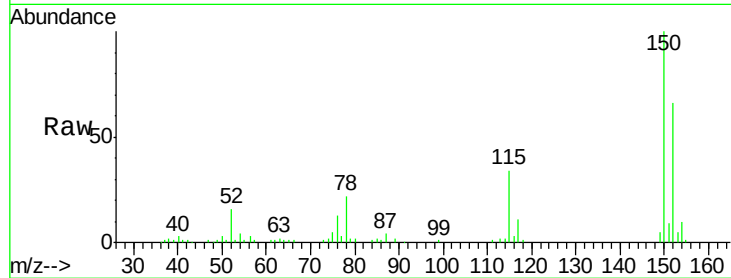
Tgt Ion:152 Resp: 56518

Ion Ratio Lower Upper

152 100

150 152.3 124.0 186.0

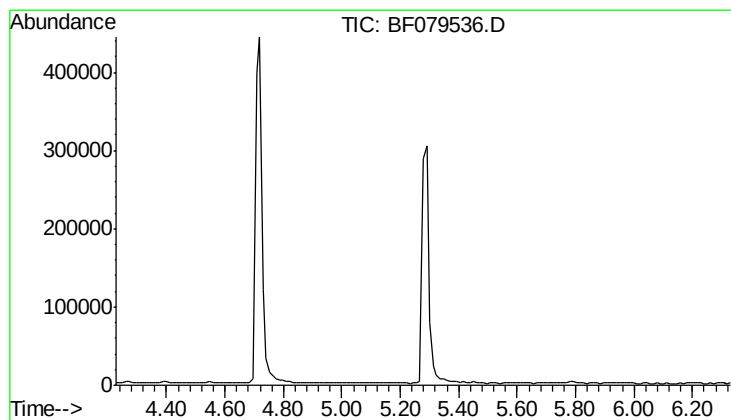
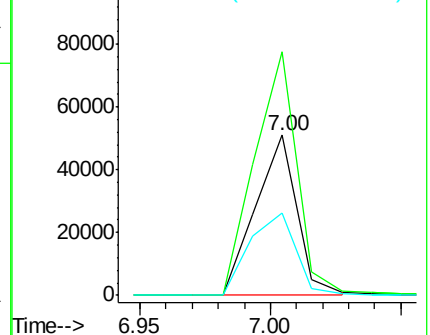
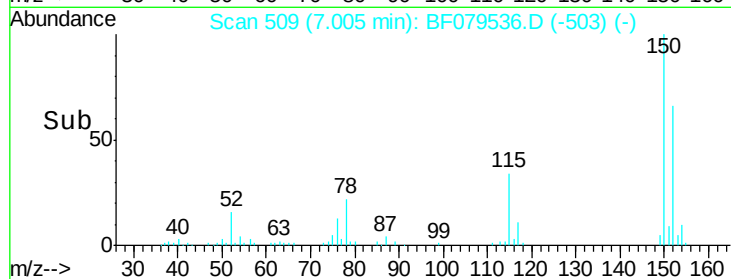
115 51.4 49.6 74.4



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: 0.00 ng

Expected RT: 5.28 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

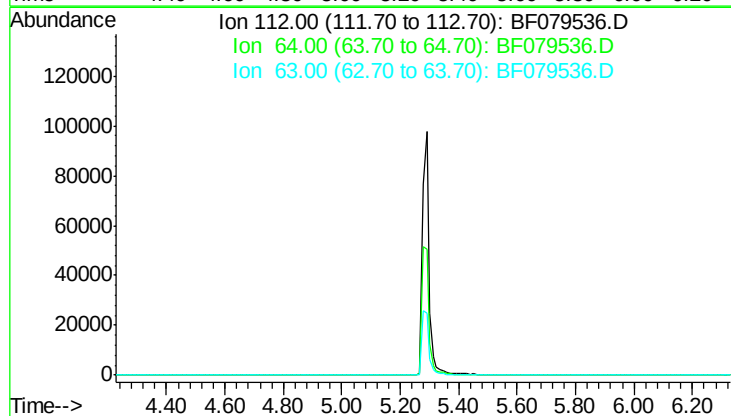
Tgt Ion: 112

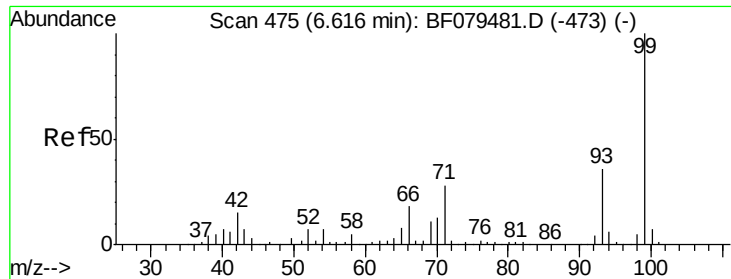
Sig Exp Ratio

112 100

64 54.4

63 27.3





#7

Phenol-d6

Concen: 107.16 ng

RT: 6.59 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

Instrument :

BNA_F

ClientSampleId :

TP-9-D10

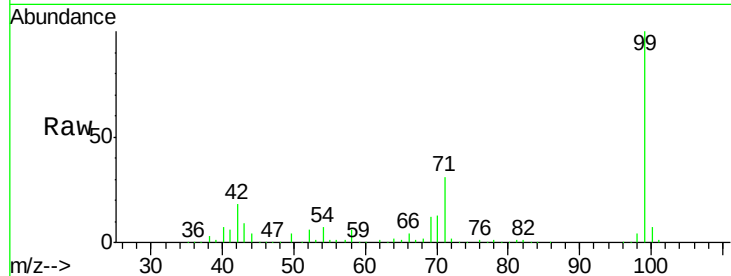
Tgt Ion: 99 Resp: 445060

Ion Ratio Lower Upper

99 100

42 17.9 11.9 17.9

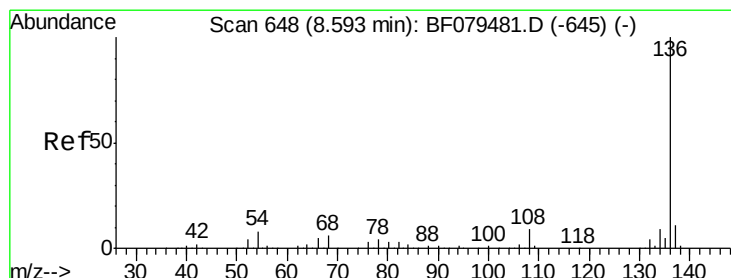
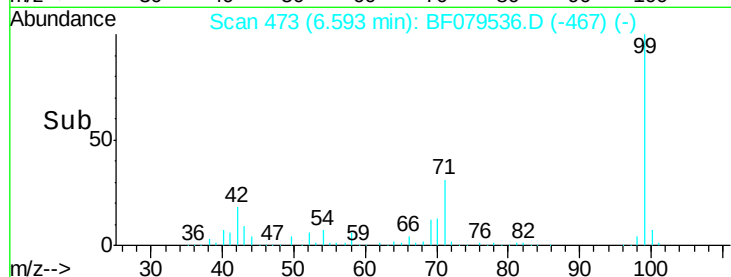
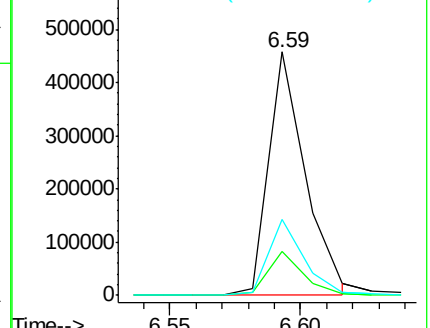
71 31.2 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF079481.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BF079481.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BF079481.D (-473) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

Tgt Ion: 136 Resp: 232658

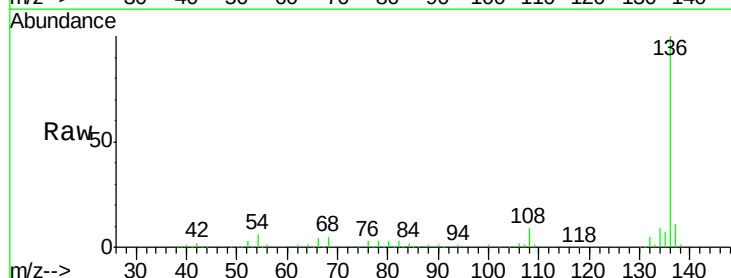
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 5.9 6.6 9.8#

68 4.9 4.7 7.1

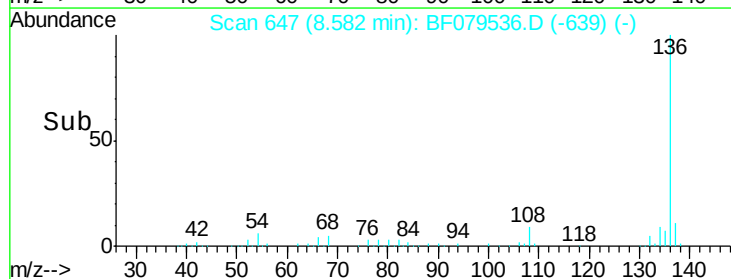
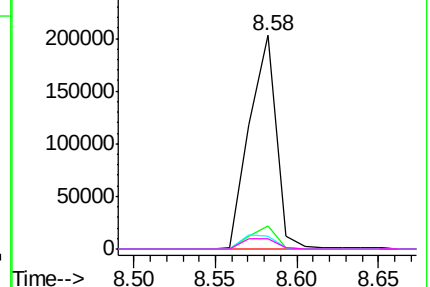


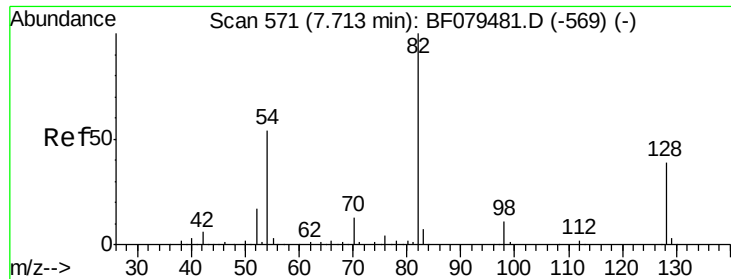
Abundance Ion 136.00 (135.70 to 136.70): BF079481.D (-645) (-)

Ion 137.00 (136.70 to 137.70): BF079481.D (-645) (-)

Ion 54.00 (53.70 to 54.70): BF079481.D (-645) (-)

Ion 68.00 (67.70 to 68.70): BF079481.D (-645) (-)

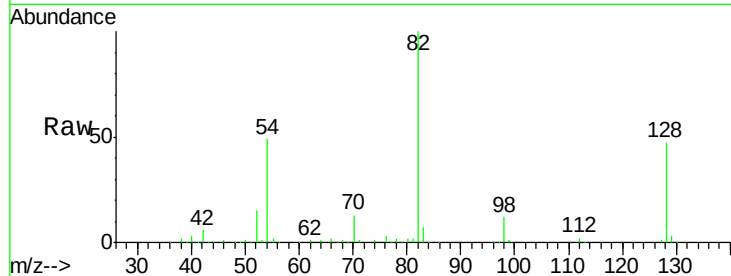




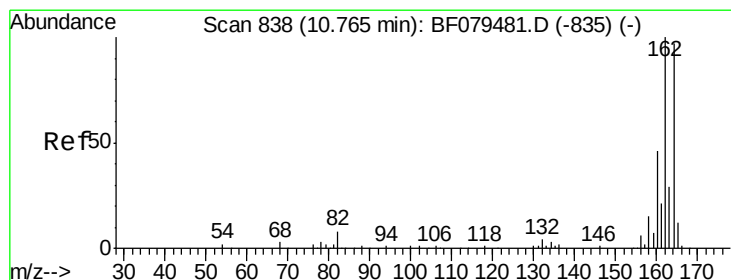
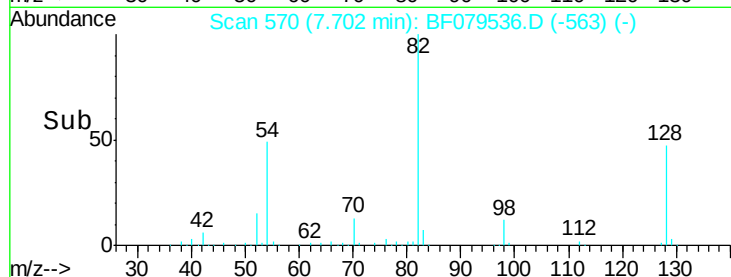
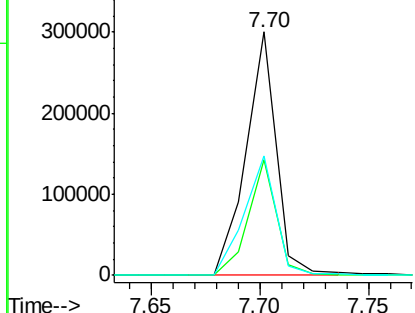
#23
 Nitrobenzene-d5
 Concen: 72.18 ng
 RT: 7.70 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF079536.D
 Acq: 27 May 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	30.8	46.2#
54	48.8	42.8	64.2

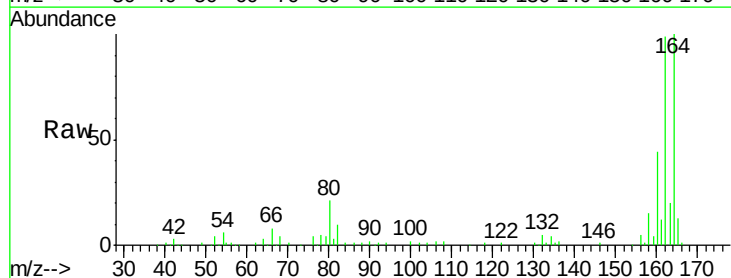


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

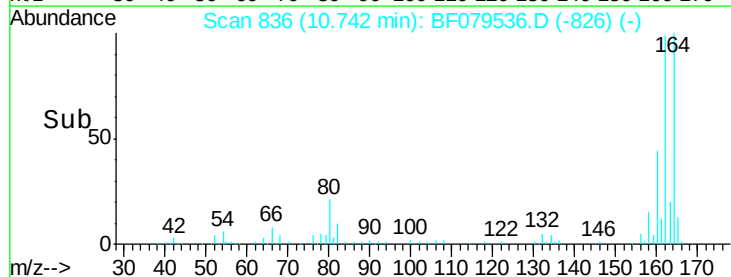
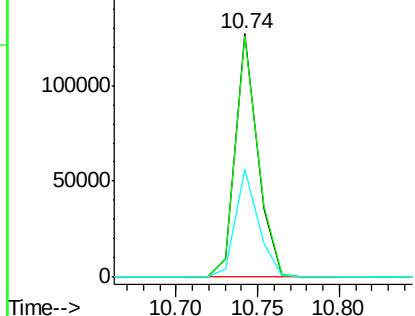


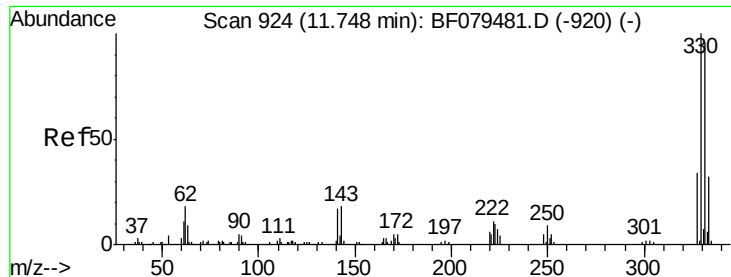
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF079536.D
 Acq: 27 May 2015 23:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.6	124.0
160	44.3	37.7	56.5



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

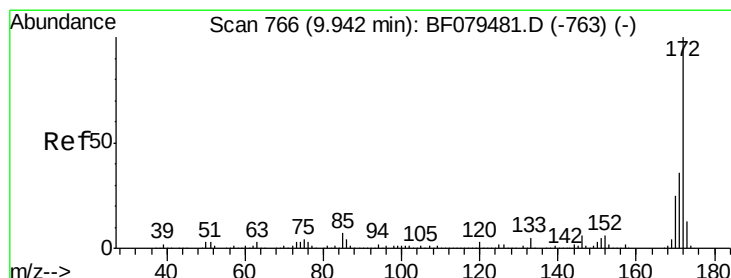
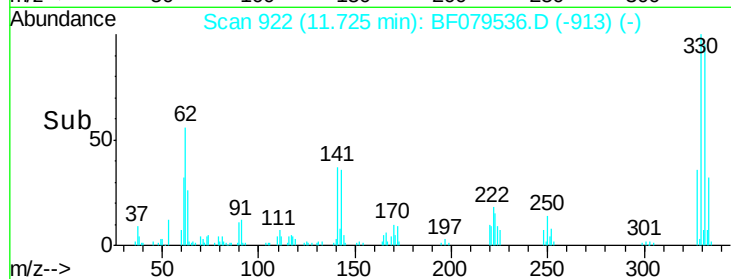
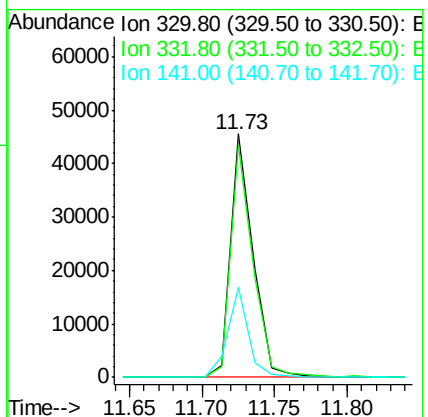
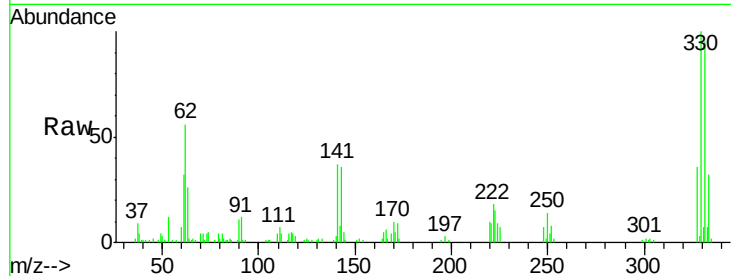




#41
 2,4,6-Tribromophenol
 Concen: 37.38 ng
 RT: 11.73 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079536.D
 Acq: 27 May 2015 23:50

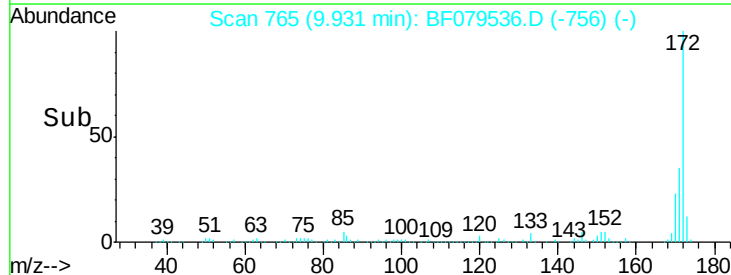
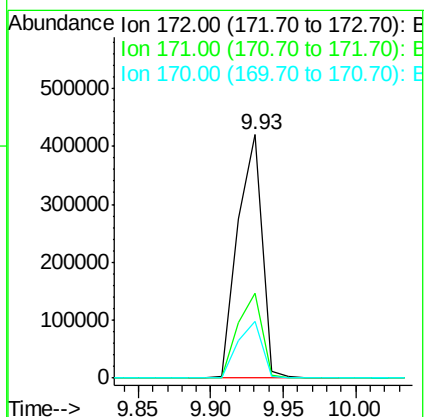
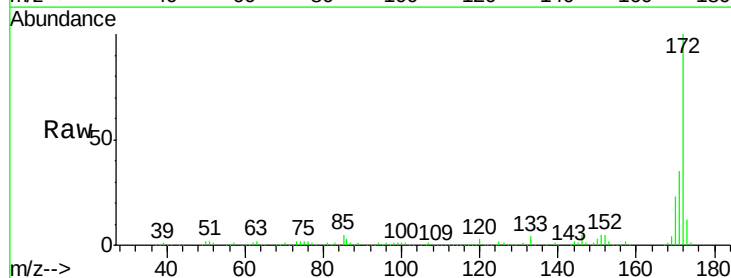
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-D10

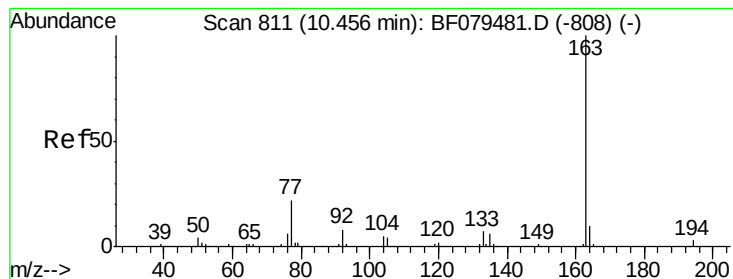
Tgt Ion:330 Resp: 48746
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 34.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 58.89 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF079536.D
 Acq: 27 May 2015 23:50

Tgt Ion:172 Resp: 490116
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.3 19.7 29.5





#49

Dimethylphthalate

Concen: 3.75 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

Instrument :

BNA_F

ClientSampleId :

TP-9-D10

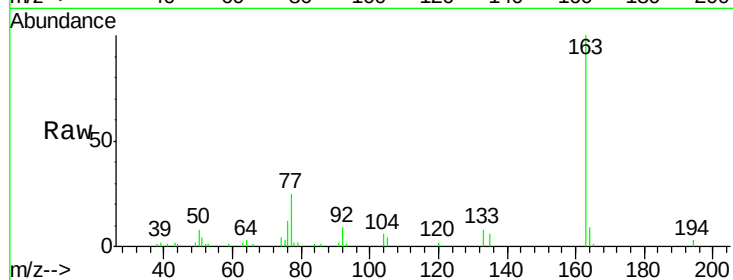
Tgt Ion:163 Resp: 32834

Ion Ratio Lower Upper

163 100

194 2.8 2.4 3.6

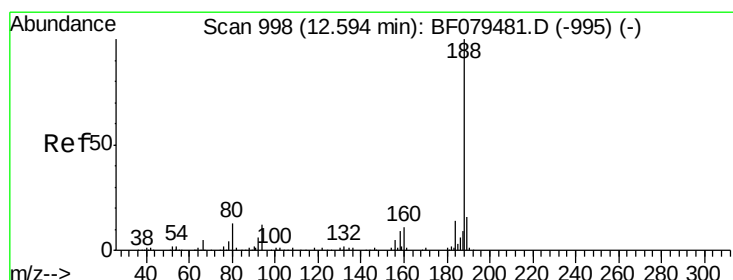
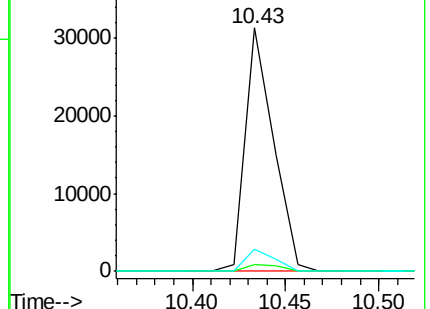
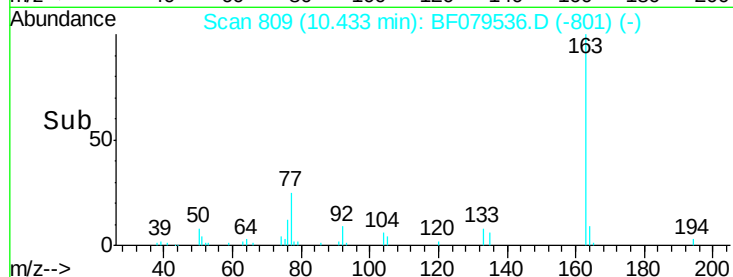
164 9.1 8.2 12.4



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: 12.58 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

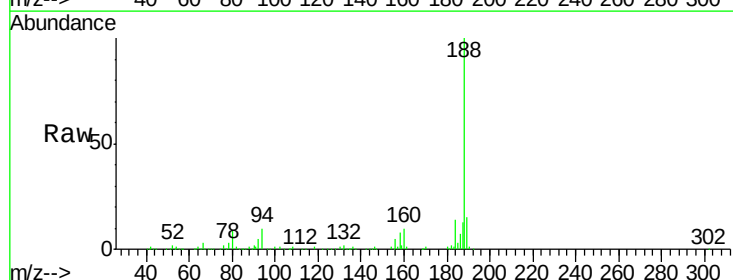
Tgt Ion:188 Resp: 221628

Ion Ratio Lower Upper

188 100

94 9.6 9.8 14.6#

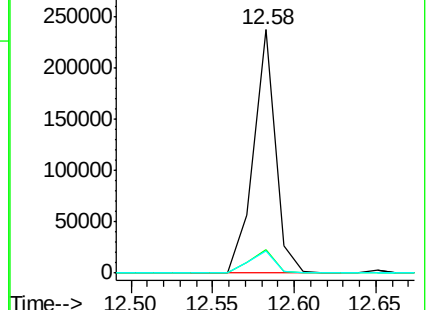
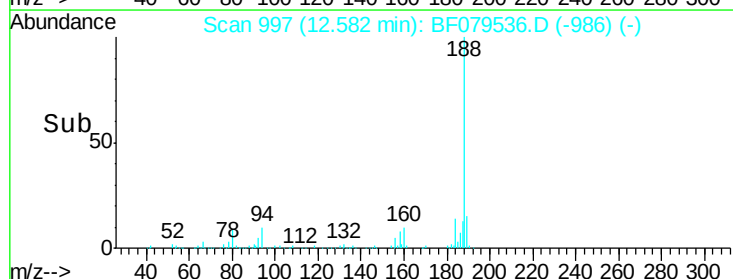
80 9.2 10.5 15.7#

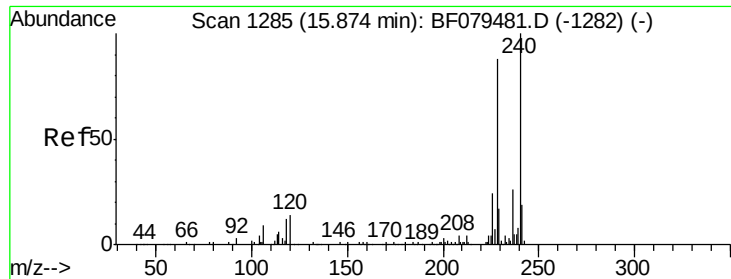


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.86 min Scan# 1284

Delta R.T. -0.08 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

Instrument :

BNA_F

ClientSampled :

TP-9-D10

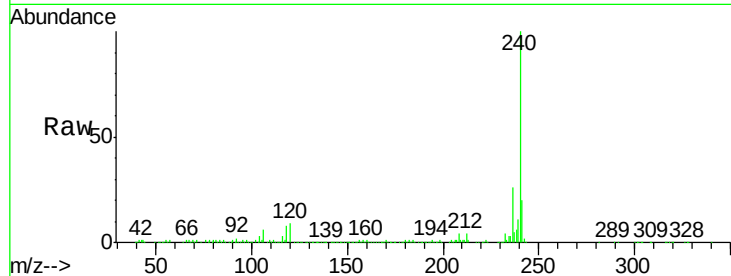
Tgt Ion:240 Resp: 241346

Ion Ratio Lower Upper

240 100

120 8.8 10.8 16.2#

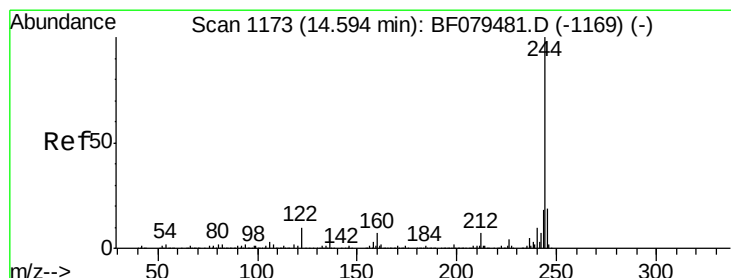
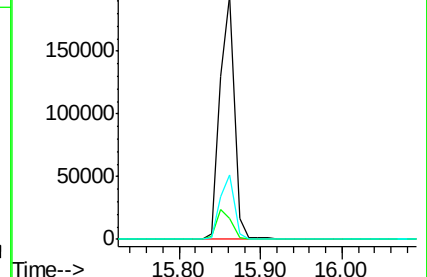
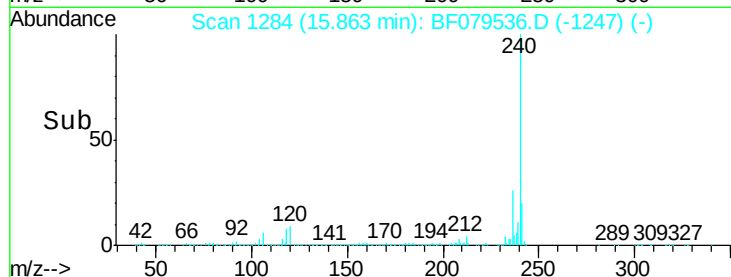
236 26.3 21.0 31.6



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: 58.40 ng

RT: 14.57 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF079536.D

Acq: 27 May 2015 23:50

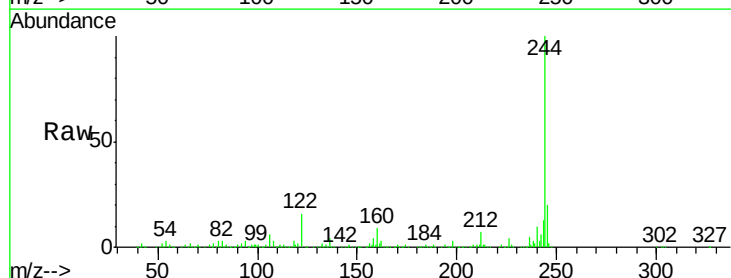
Tgt Ion:244 Resp: 600539

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

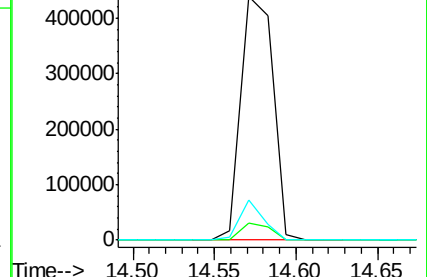
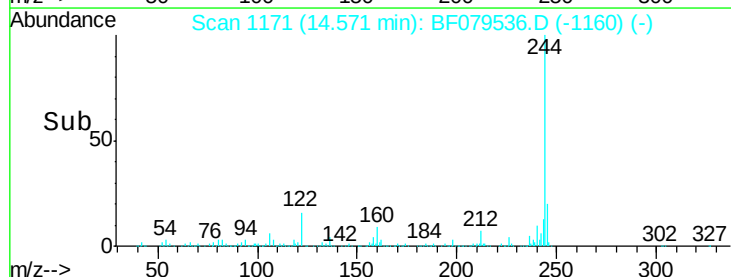
122 16.4 8.0 12.0#

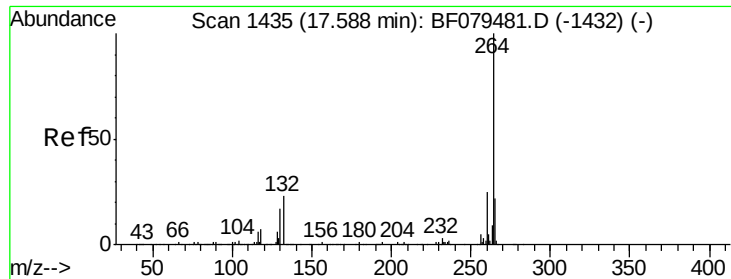


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.52 min Scan# 1429
Delta R.T. -0.37 min
Lab File: BF079536.D
Acq: 27 May 2015 23:50

Instrument :
BNA_F
ClientSampleId :
TP-9-D10

Tgt Ion: 264 Resp: 268310
Ion Ratio Lower Upper
264 100
260 23.6 19.8 29.8
265 21.6 17.8 26.6

