

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079516.D
 Acq On : 27 May 2015 11:25
 Operator : TP/IZ
 Sample : G2383-04 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(11-12)

Quant Time: May 27 12:22:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

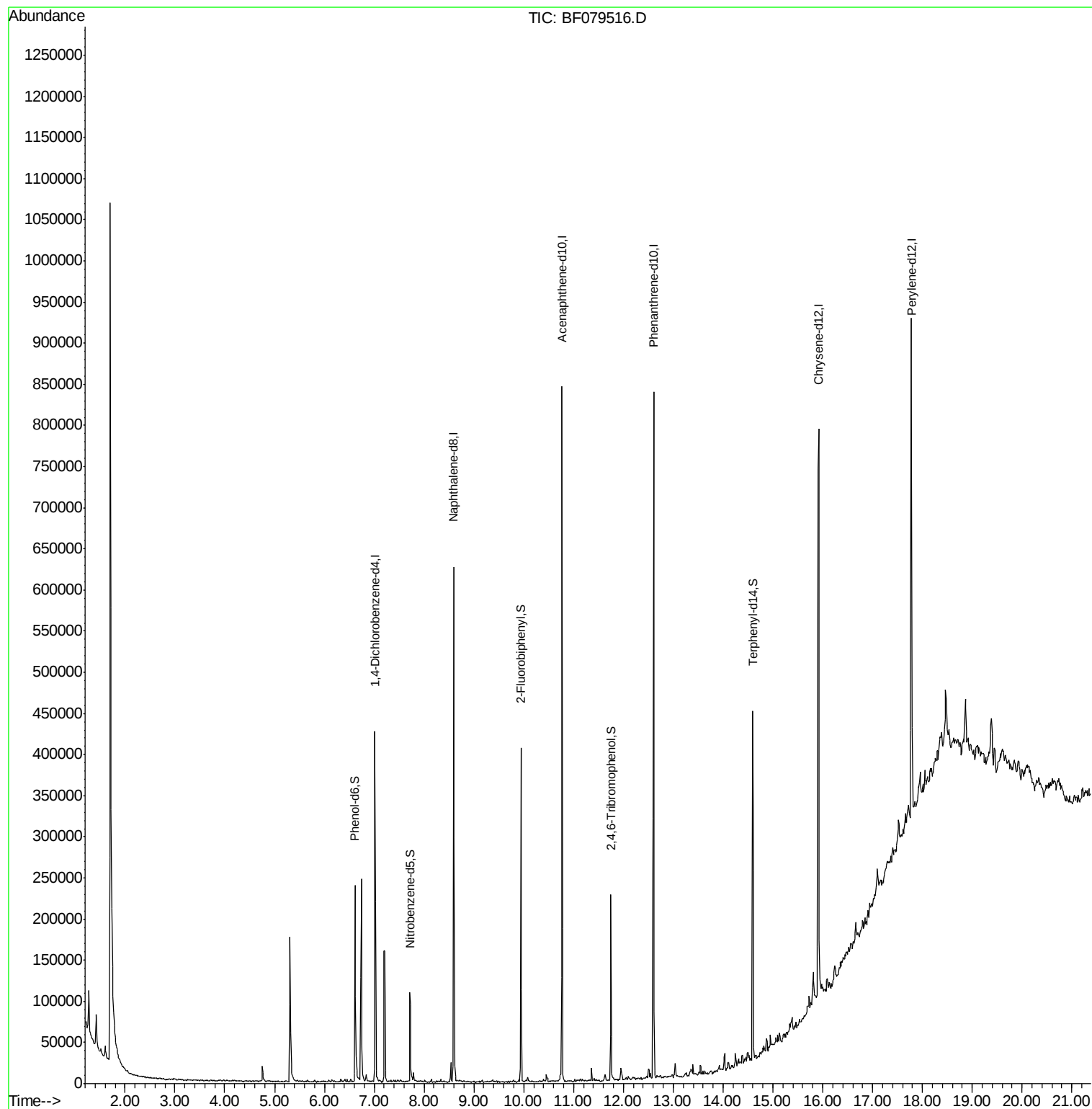
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	77434	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	330205	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	172151	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	344252	20.00	ng	0.01
75) Chrysene-d12	15.92	240	374574	20.00	ng	0.05
86) Perylene-d12	17.78	264	366565	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.62	99	98766	17.36	ng	0.00
23) Nitrobenzene-d5	7.71	82	52977	9.27	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	31538	16.68	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	132729	11.00	ng	0.00
78) Terphenyl-d14	14.59	244	163379	10.24	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	13.36	149	1278	Below Cal	#	78
89) Benzo(a)pyrene	17.71	252	3220	Below Cal	#	1
90) Dibenzo(a,h)anthracene	19.13	278	488	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.50	276	559	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: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079516.D

Acq: 27 May 2015 11:25

Instrument :

BNA_F

ClientSampleId :

HF-2(11-12)

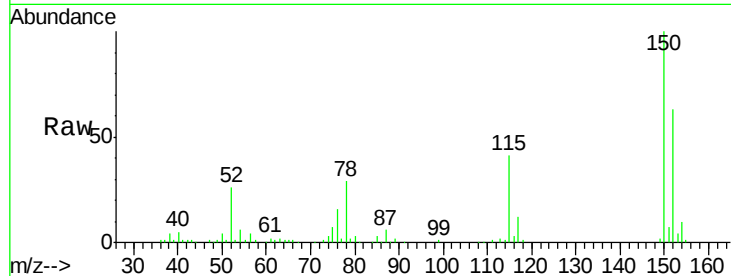
Tot Ion:152 Resp: 77434

Ion Ratio Lower Upper

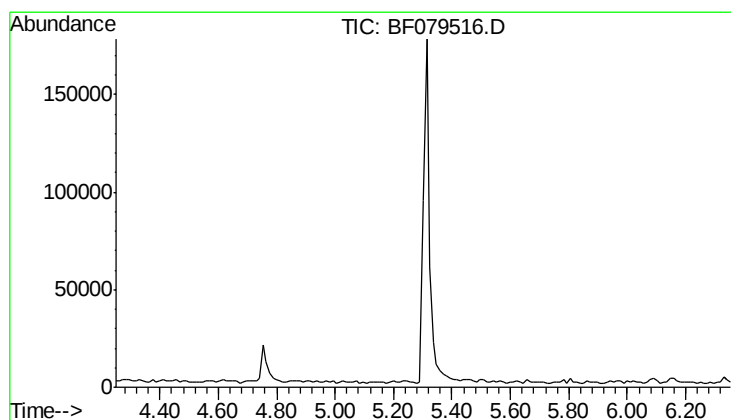
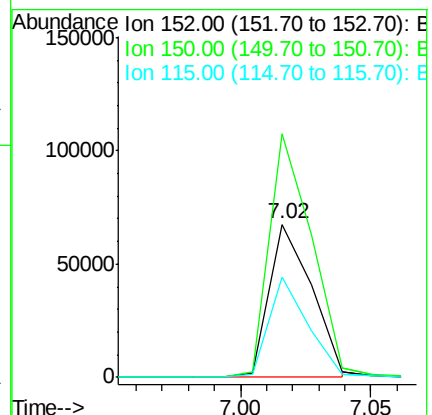
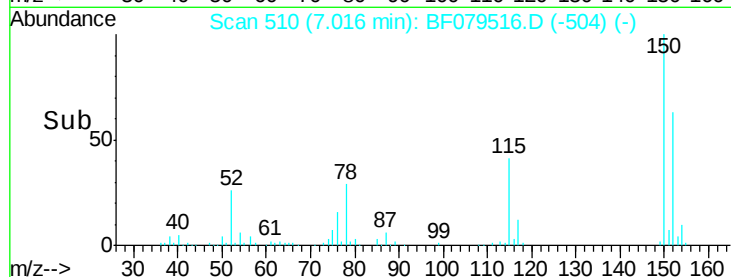
152 100

150 158.8 124.0 186.0

115 65.1 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: 5.30 min

Lab File: BF079516.D

Acq: 27 May 2015 11:25

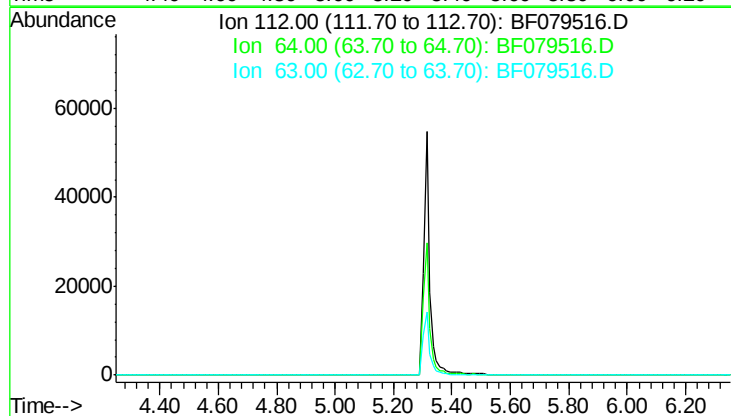
Tgt Ion: 112

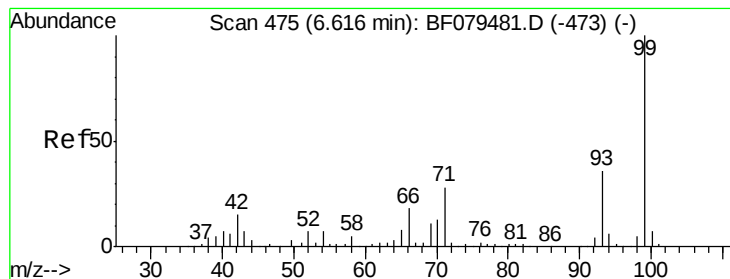
Sig Exp Ratio

112 100

64 54.4

63 27.3





#7

Phenol-d6

Concen: 17.36 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079516.D

Acq: 27 May 2015 11:25

Instrument :

BNA_F

ClientSampleId :

HF-2(11-12)

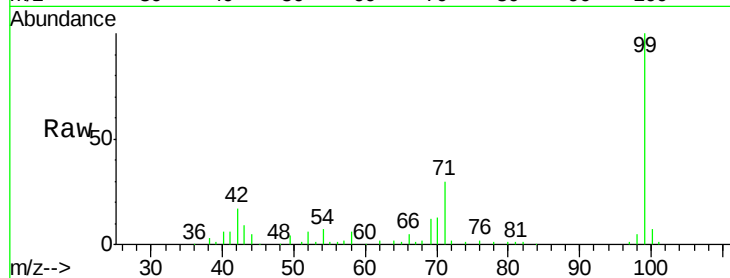
Tot Ion: 99 Resp: 98766

Ion Ratio Lower Upper

99 100

42 17.5 11.9 17.9

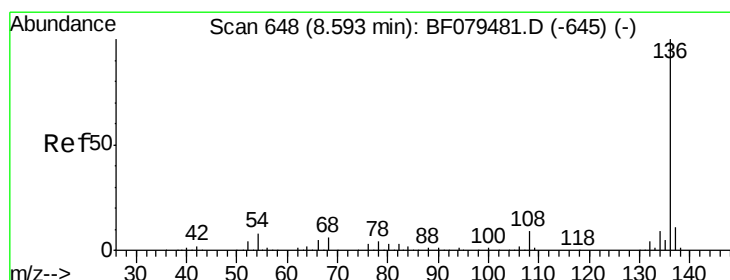
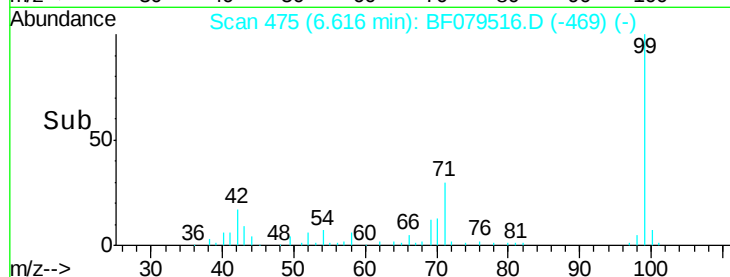
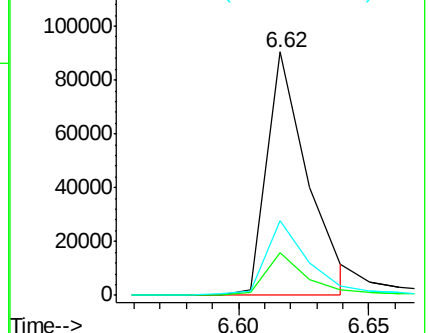
71 30.5 22.1 33.1



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: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079516.D

Acq: 27 May 2015 11:25

Tgt Ion: 136 Resp: 330205

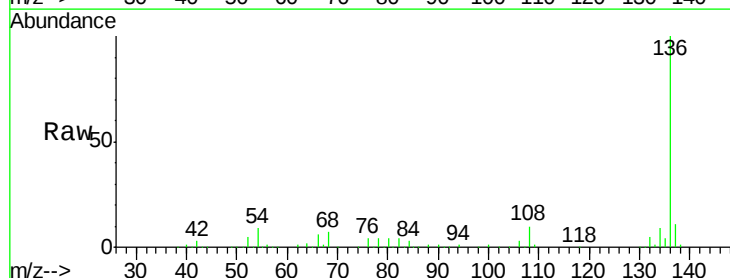
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.1 6.6 9.8

68 7.3 4.7 7.1#

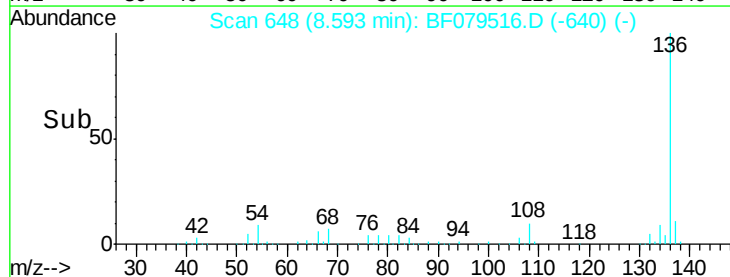
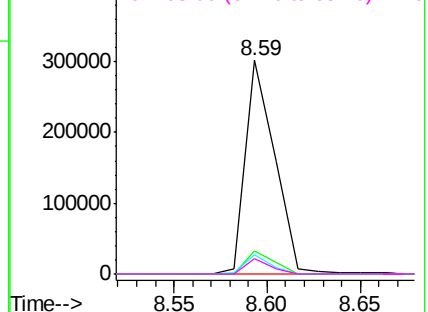


Abundance Ion 136.00 (135.70 to 136.70): BF079481.D (-645) (-)

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) (-)

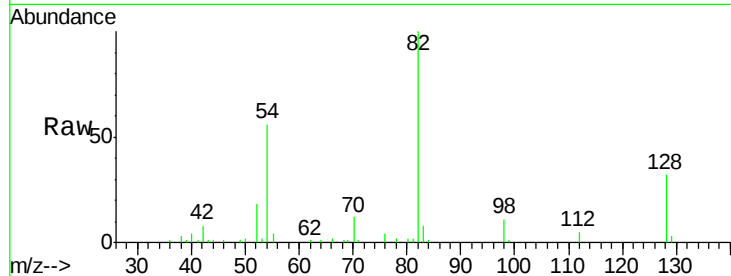




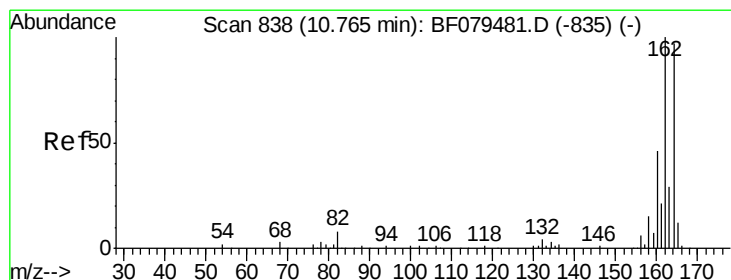
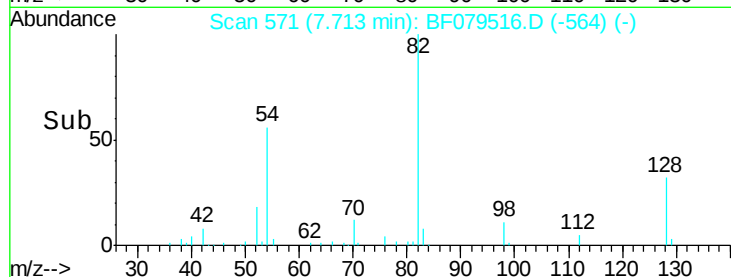
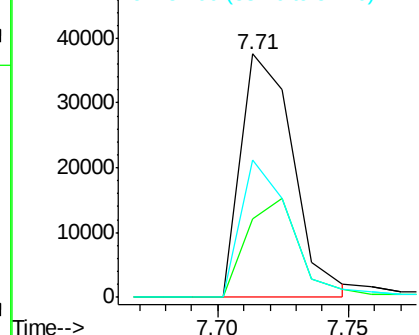
#23
 Nitrobenzene-d5
 Concen: 9.27 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(11-12)

Tot Ion	82	Resp	52977
Ion Ratio	100	Lower	Upper
128	32.5	30.8	46.2
54	56.3	42.8	64.2

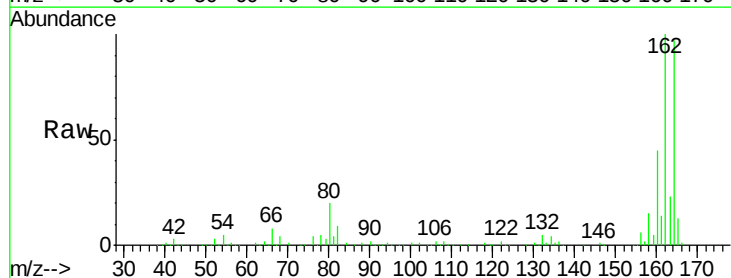


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

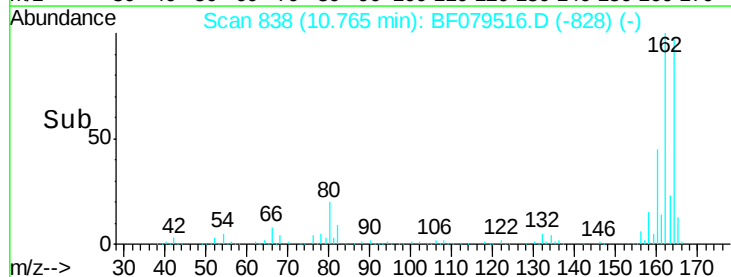
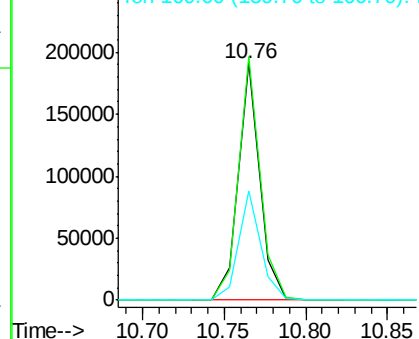


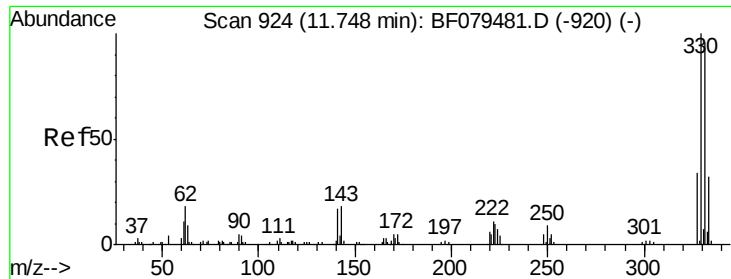
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Tgt Ion	164	Resp	172151
Ion Ratio	100	Lower	Upper
162	102.7	82.6	124.0
160	46.3	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

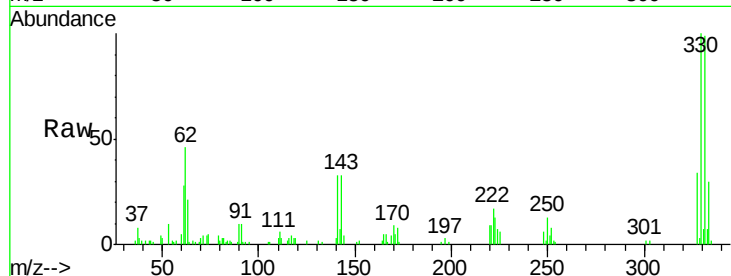




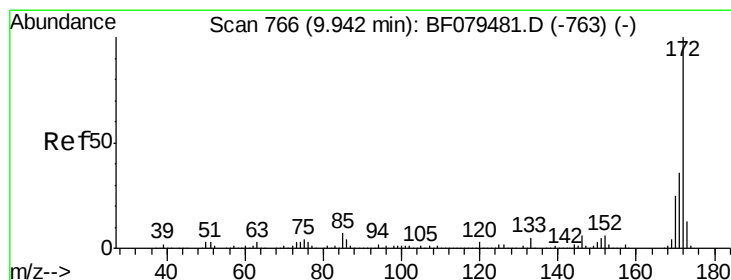
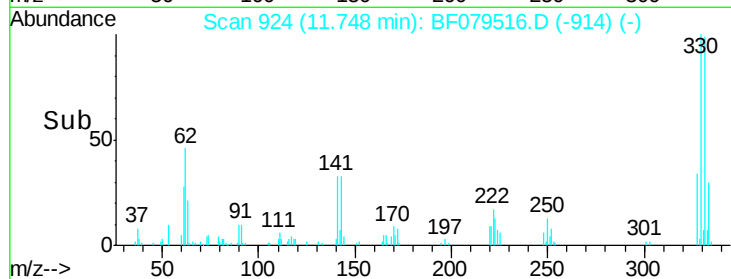
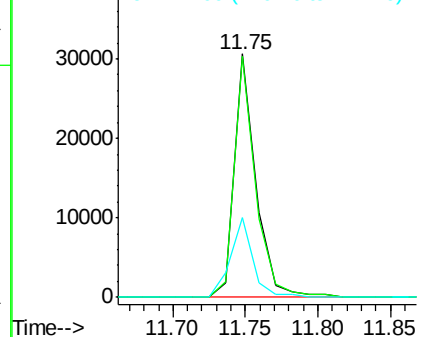
#41
 2,4,6-Tribromophenol
 Concen: 16.68 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(11-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	34.3	0.0	0.0#

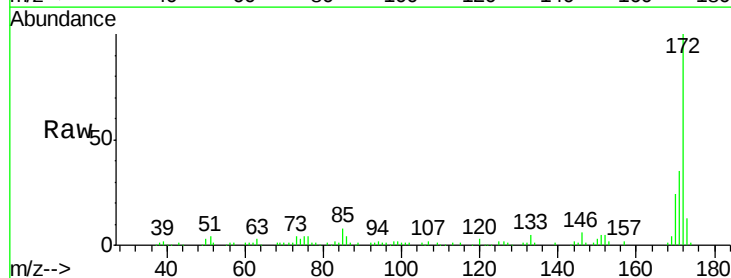


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

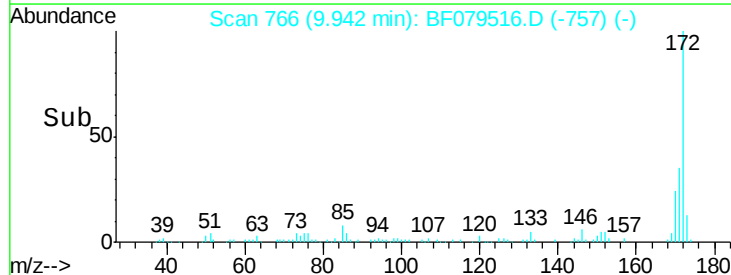
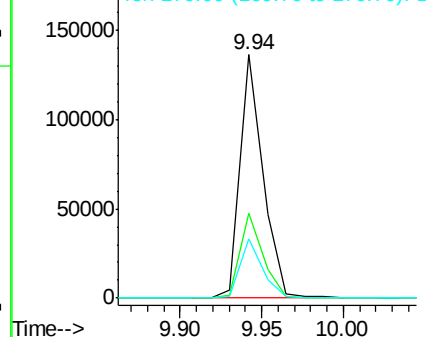


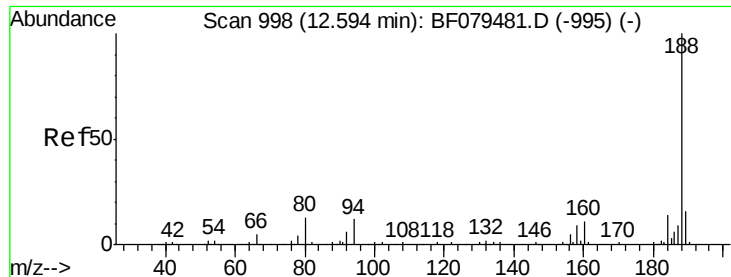
#44
 2-Fluorobiphenyl
 Concen: 11.00 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	24.1	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

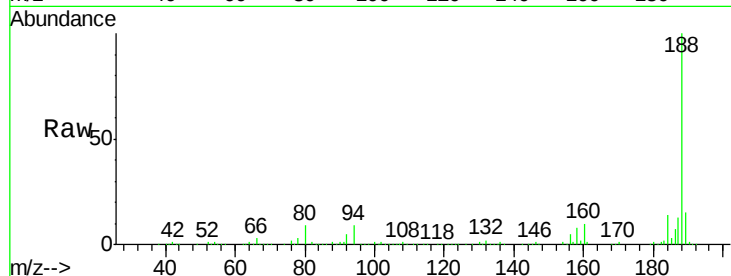




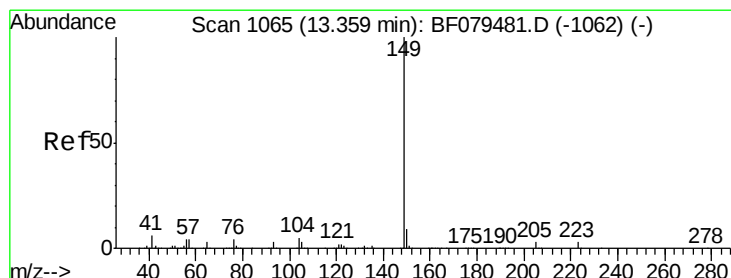
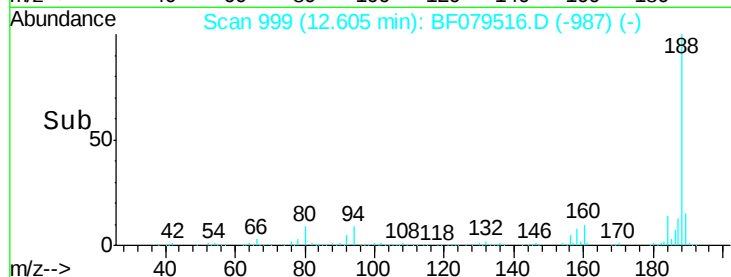
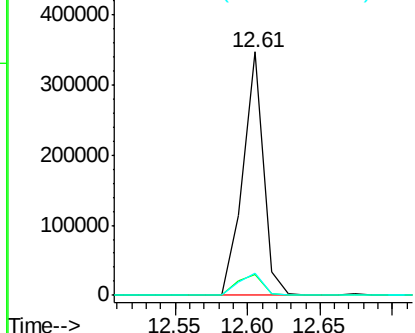
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079516.D
Acq: 27 May 2015 11:25

Instrument :
BNA_F
ClientSampleId :
HF-2(11-12)

Tot Ion:188 Resp: 344252
Ion Ratio Lower Upper
188 100
94 8.8 9.8 14.6#
80 9.0 10.5 15.7#

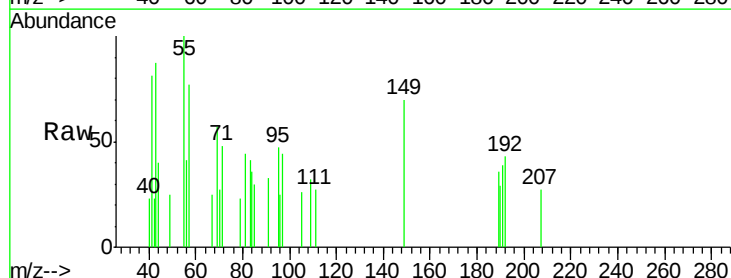


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

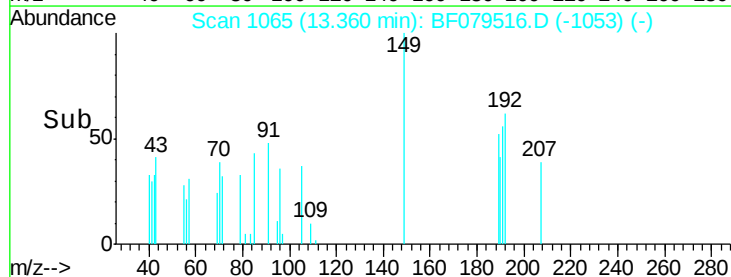
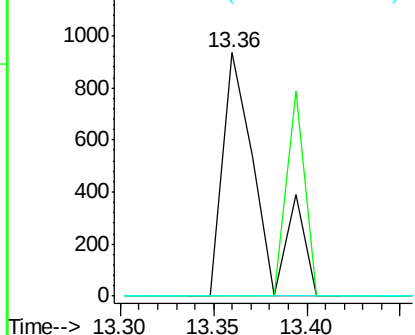


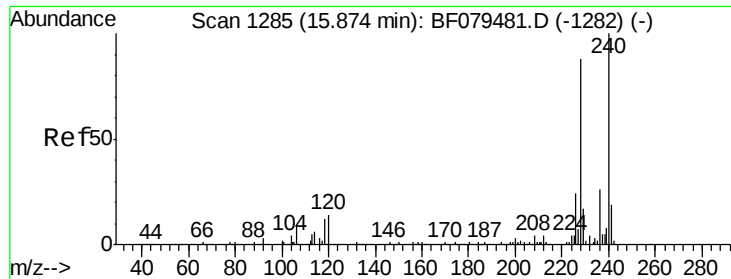
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 13.36 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF079516.D
Acq: 27 May 2015 11:25

Tgt Ion:149 Resp: 1278
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

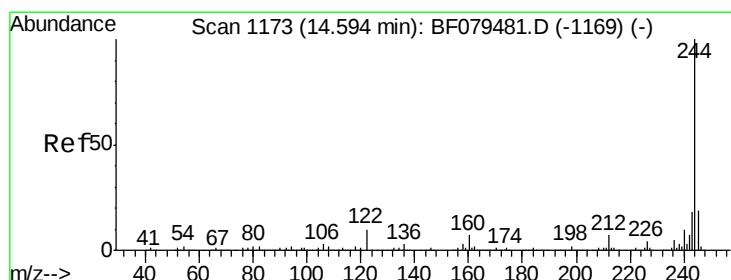
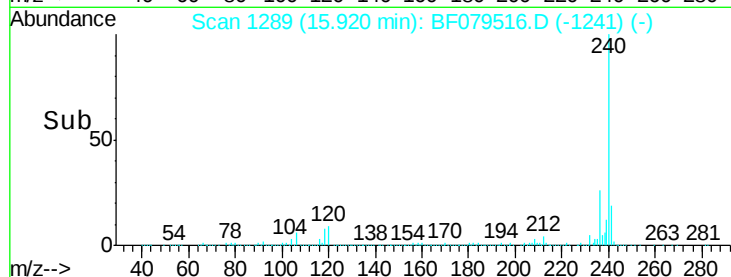
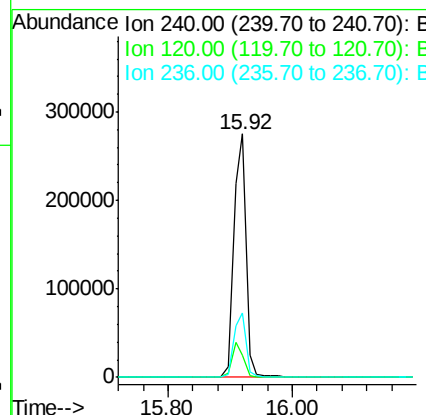
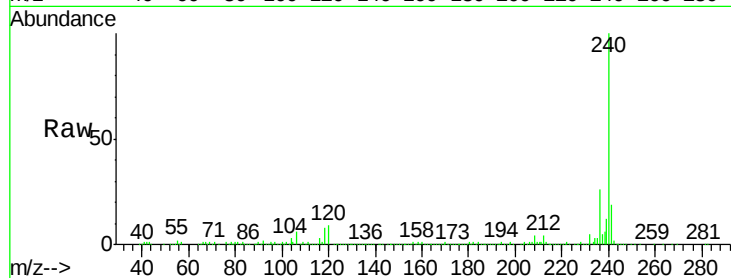




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.92 min Scan# 1289
 Delta R.T. 0.05 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

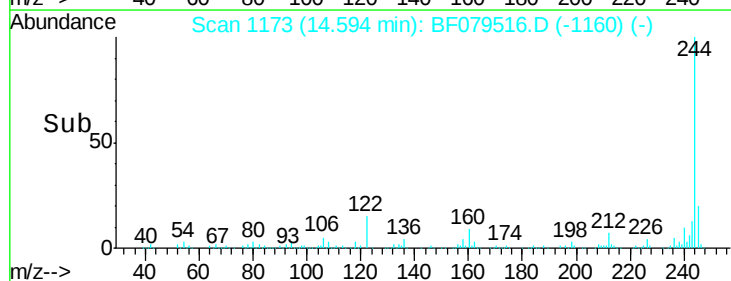
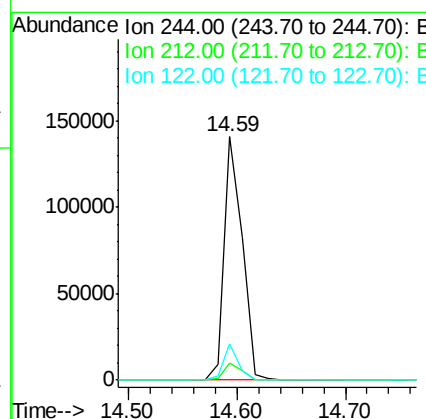
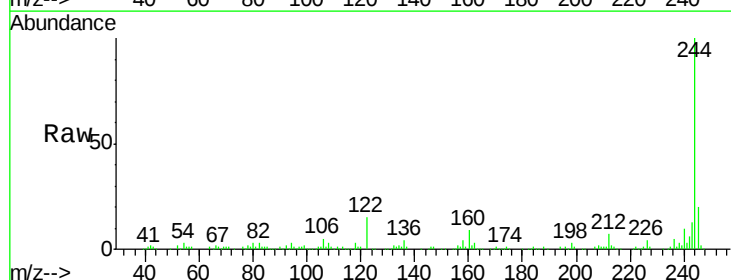
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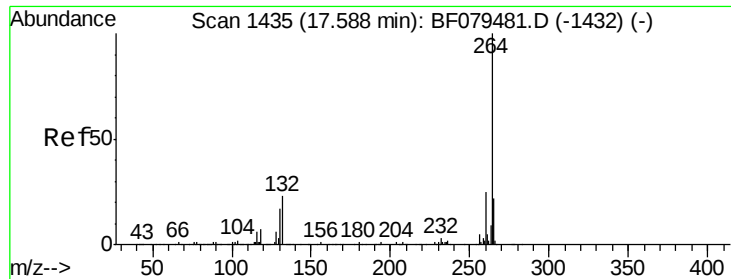
Tot Ion:240 Resp: 374574
 Ion Ratio Lower Upper
 240 100
 120 9.0 10.8 16.2#
 236 26.4 21.0 31.6



#78
 Terphenyl-d14
 Concen: 10.24 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF079516.D
 Acq: 27 May 2015 11:25

Tgt Ion:244 Resp: 163379
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 14.8 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF079516.D
Acq: 27 May 2015 11:25

Instrument :
BNA_F
ClientSampleId :
HF-2(11-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.8	17.8	26.6

