

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079515.D
 Acq On : 27 May 2015 10:57
 Operator : TP/IZ
 Sample : G2383-02 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 27 12:21:56 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

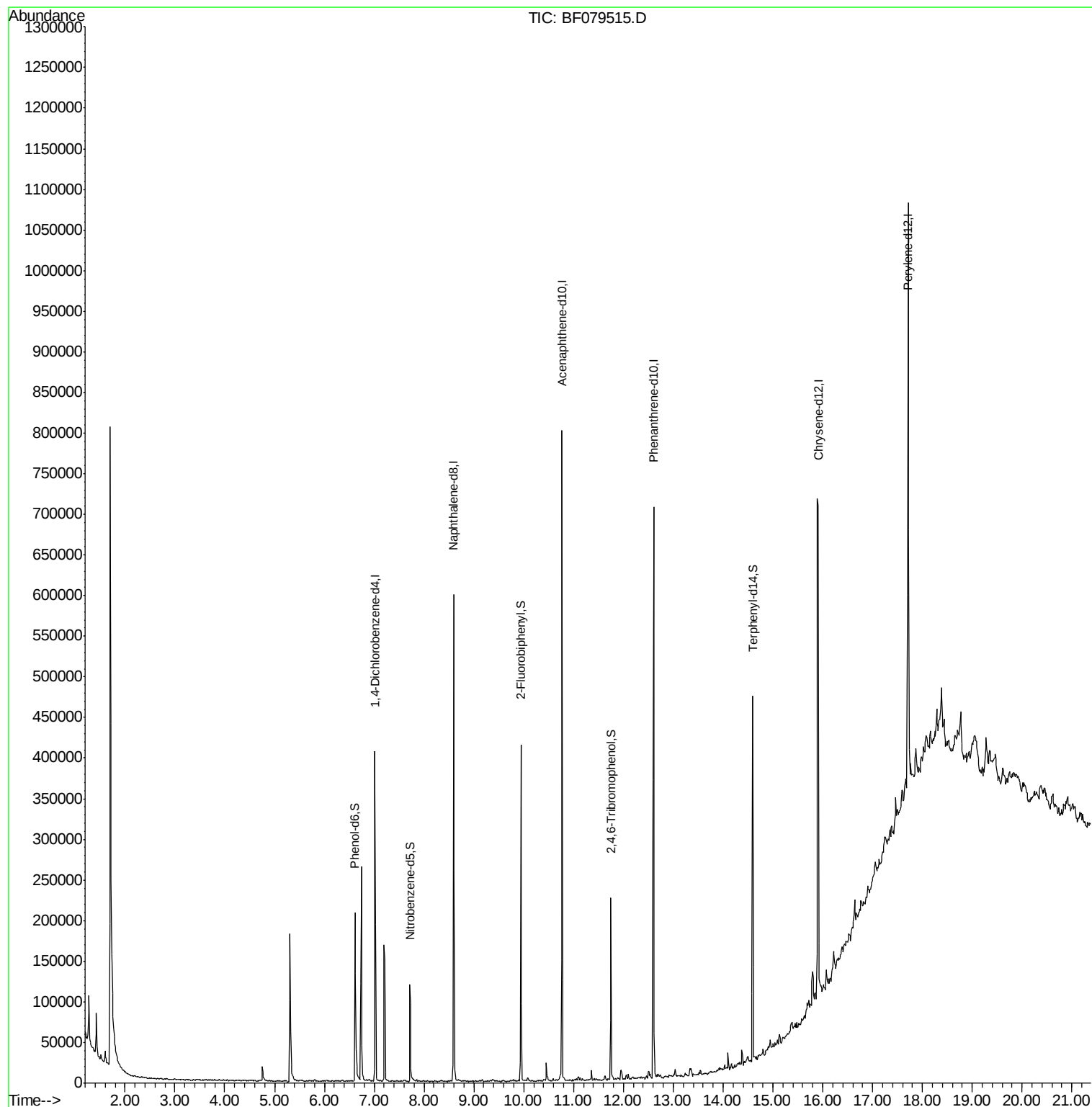
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	71894	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	308569	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	162048	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	311067	20.00	ng	0.01
75) Chrysene-d12	15.91	240	338444	20.00	ng	0.03
86) Perylene-d12	17.71	264	343286	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.62	99	99783	18.89	ng	0.00
23) Nitrobenzene-d5	7.71	82	56225	10.53	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	32515	18.27	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	130924	11.53	ng	0.00
78) Terphenyl-d14	14.59	244	156317	10.84	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	13.36	149	1457	Below Cal	#	78
89) Benzo(a)pyrene	17.65	252	4948	Below Cal	#	7
90) Dibenzo(a,h)anthracene	19.10	278	4022	Below Cal	#	4
91) Benzo(g,h,i)perylene	19.46	276	7087	Below Cal	#	61

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

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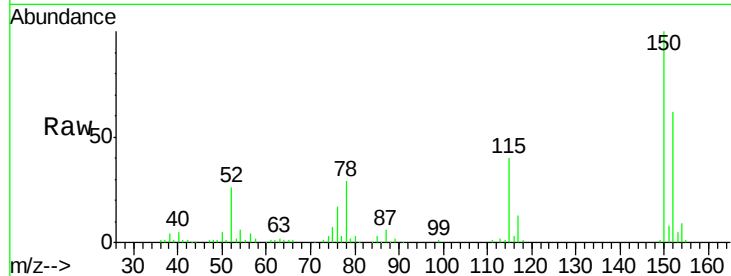




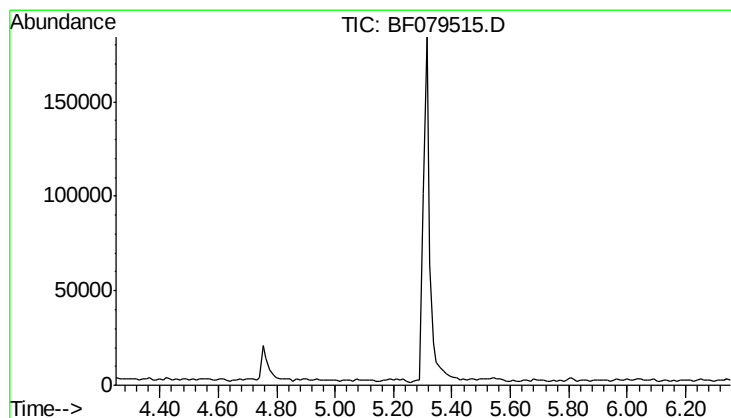
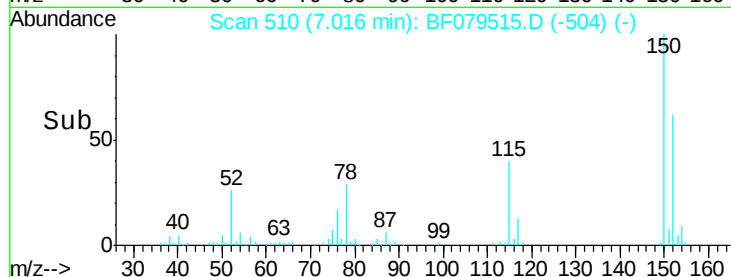
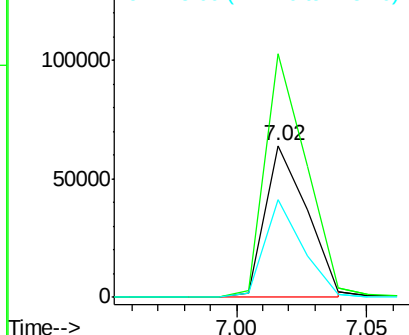
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.02 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 71894
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.0 186.0
 115 64.6 49.6 74.4

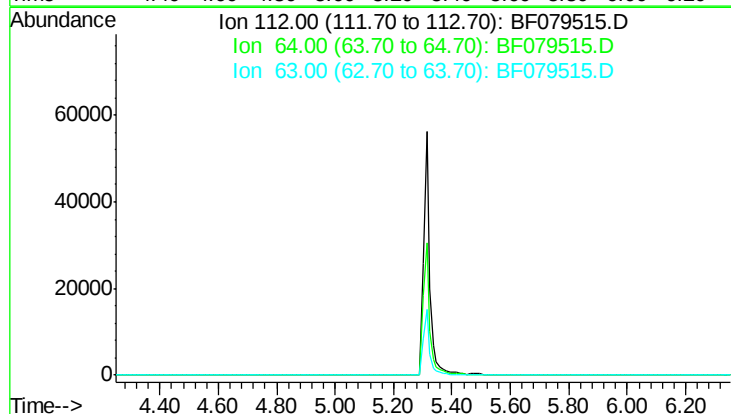


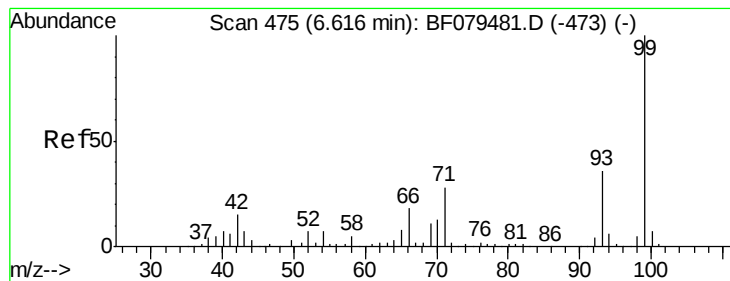
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.30 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 54.4
 63 27.3





#7

Phenol-d6

Concen: 18.89 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

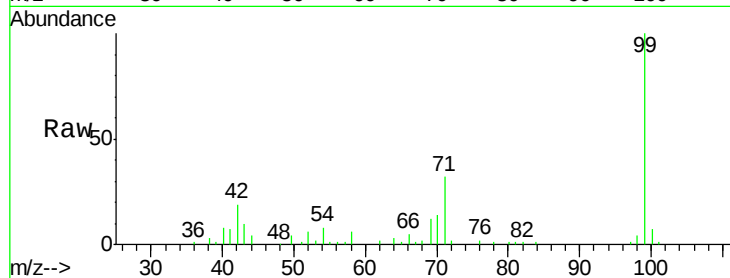
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 99783

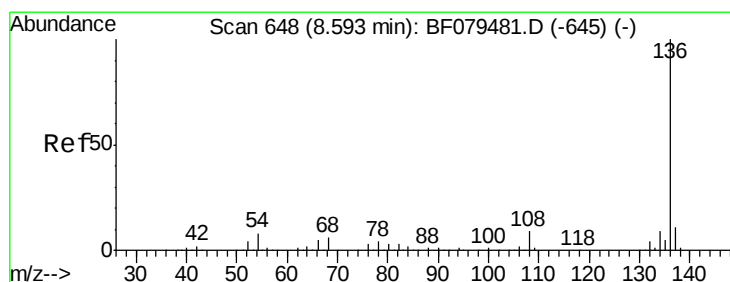
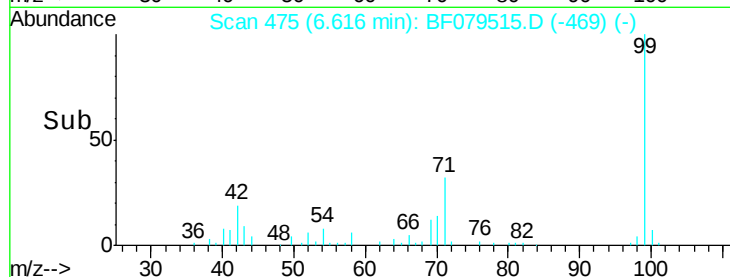
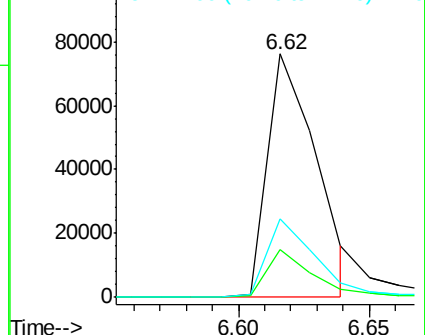
Ion	Ratio	Lower	Upper
99	100		
42	19.4	11.9	17.9#
71	32.4	22.1	33.1



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

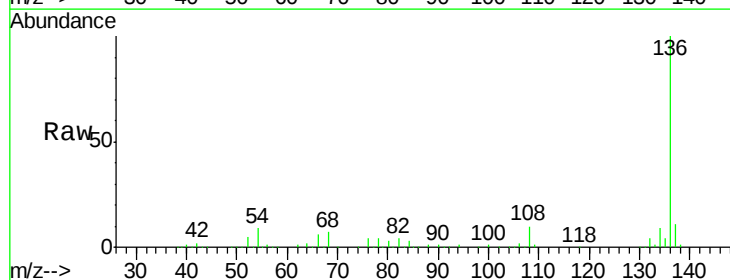
Delta R.T. 0.00 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

Tgt Ion: 136 Resp: 308569

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.9	6.6	9.8
68	6.7	4.7	7.1

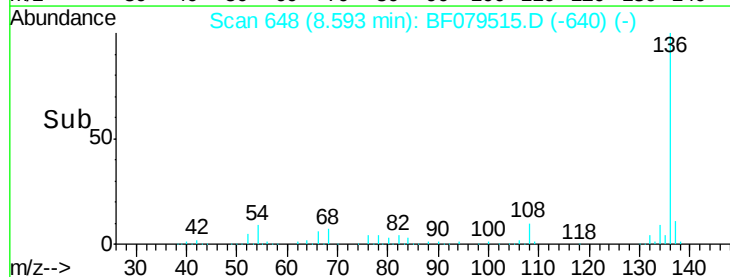
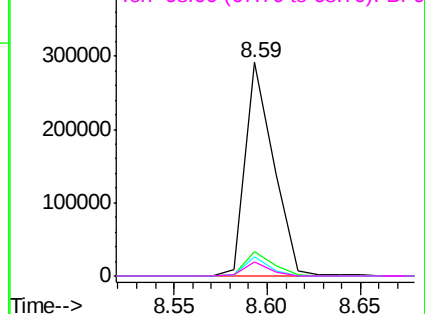


Abundance Ion 136.00 (135.70 to 136.70): BF079481.D (-645) (-)

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) (-)

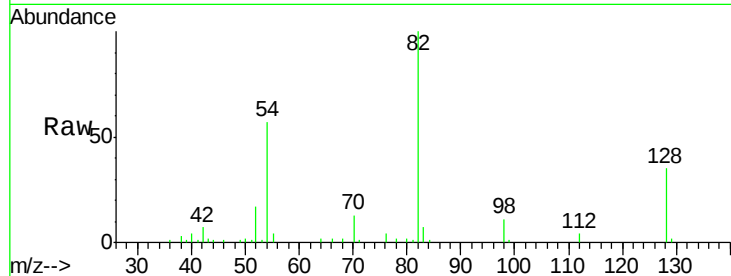




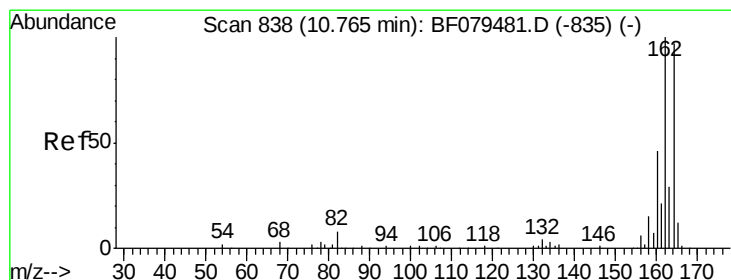
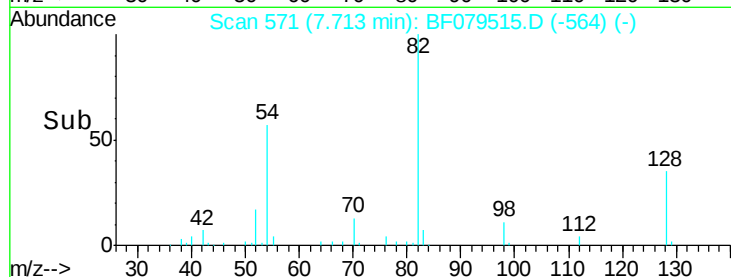
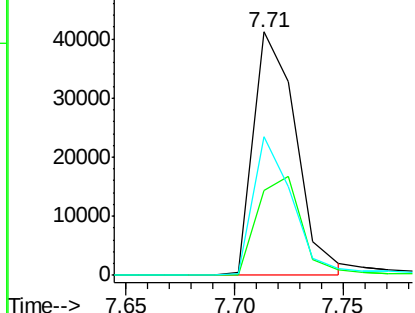
#23
 Nitrobenzene-d5
 Concen: 10.53 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	56225
Ion Ratio	100	Lower	Upper
128	34.9	30.8	46.2
54	56.7	42.8	64.2

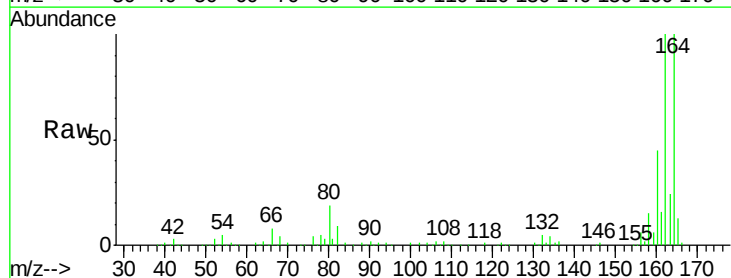


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

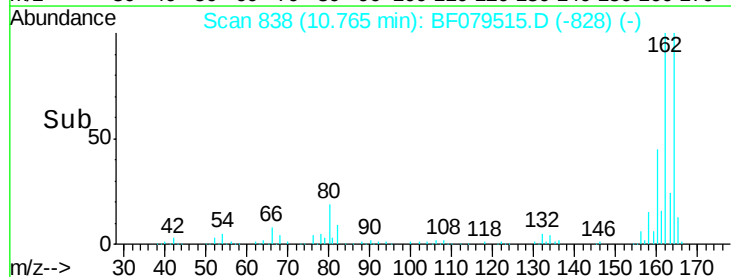
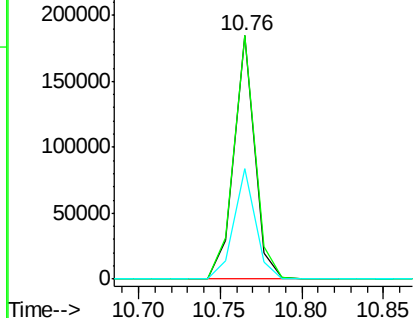


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Tgt Ion	164	Resp	162048
Ion Ratio	100	Lower	Upper
162	100.1	82.6	124.0
160	45.3	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

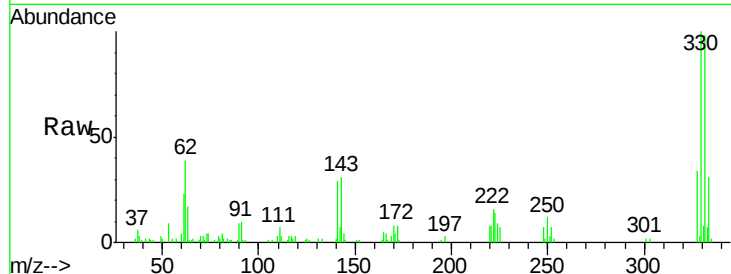




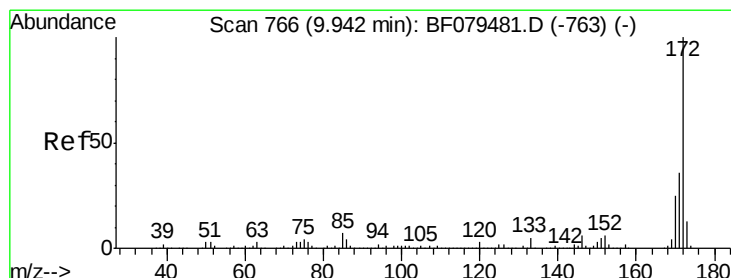
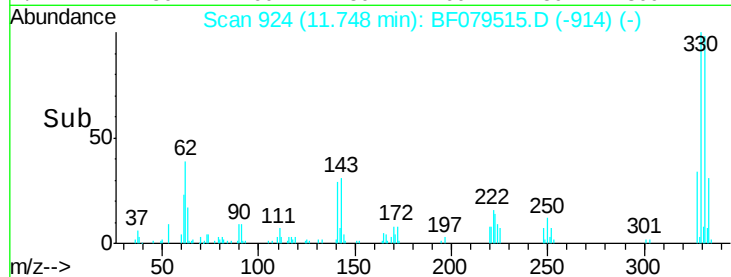
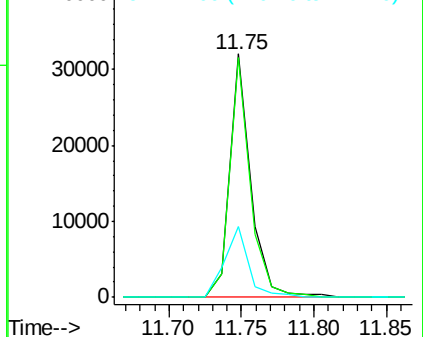
#41
 2,4,6-Tribromophenol
 Concen: 18.27 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	33.0	0.0	0.0#

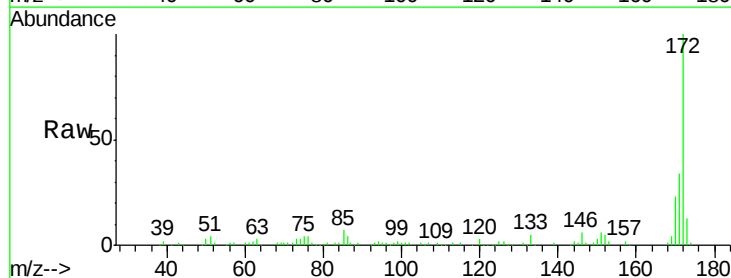


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

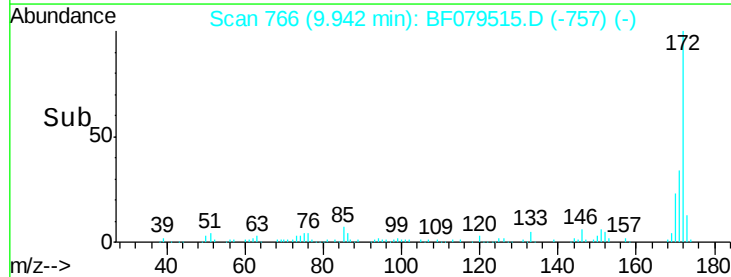
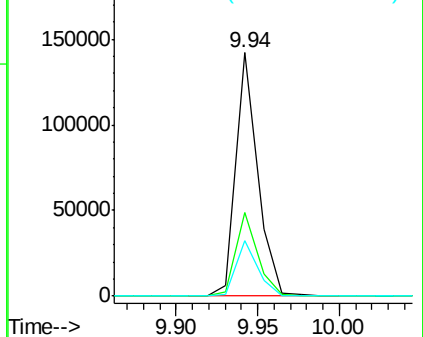


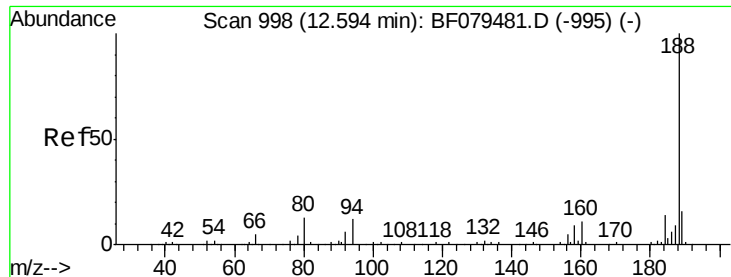
#44
 2-Fluorobiphenyl
 Concen: 11.53 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.7	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

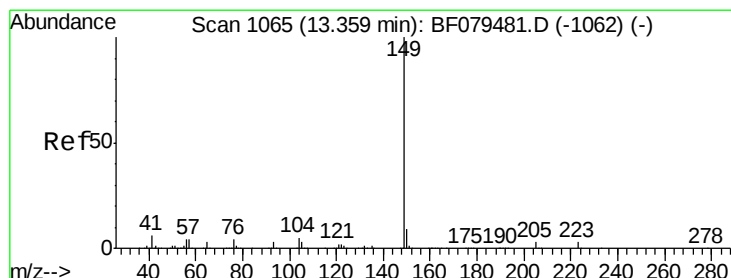
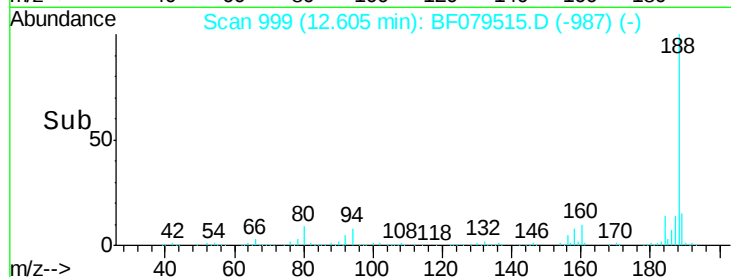
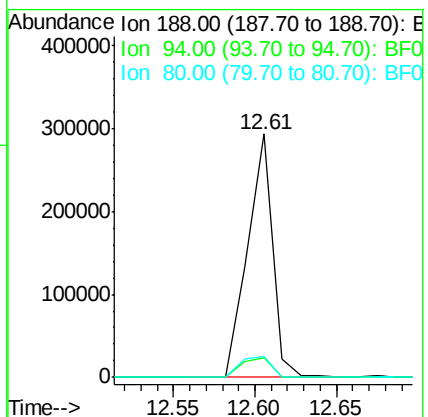
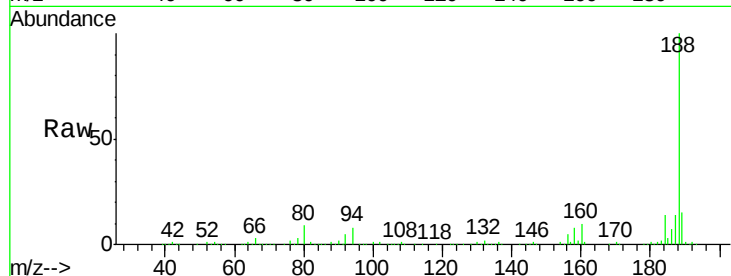




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079515.D
Acq: 27 May 2015 10:57

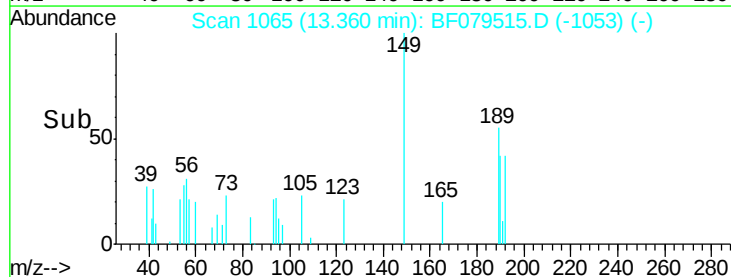
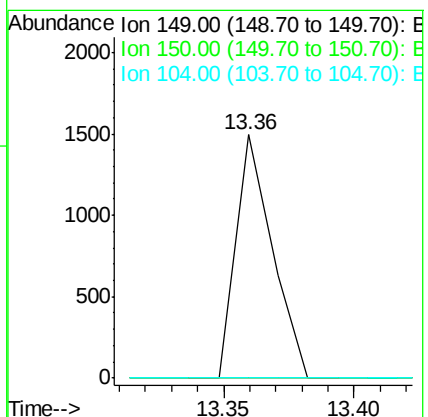
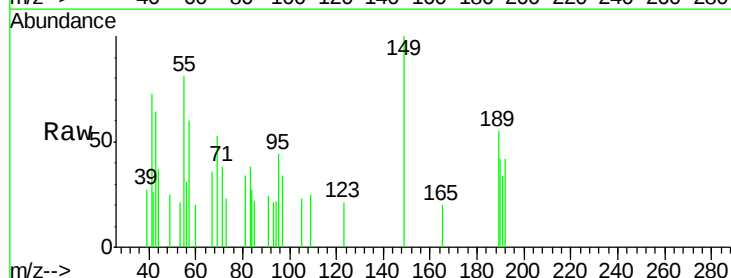
Instrument :
BNA_F
ClientSampleId :

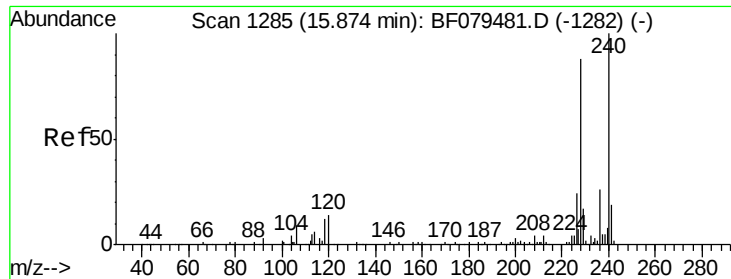
Tot Ion:188 Resp: 311067
Ion Ratio Lower Upper
188 100
94 8.0 9.8 14.6#
80 8.5 10.5 15.7#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 13.36 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF079515.D
Acq: 27 May 2015 10:57

Tgt Ion:149 Resp: 1457
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.6 5.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.91 min Scan# 1288

Delta R.T. 0.03 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

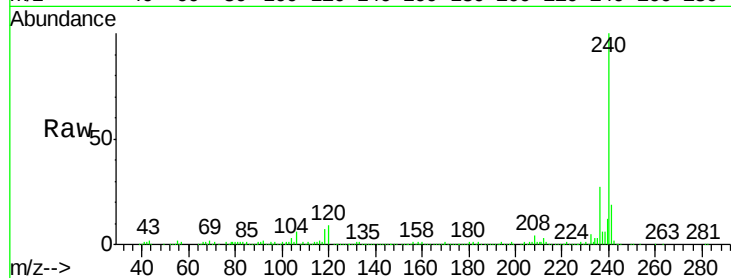
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 338444

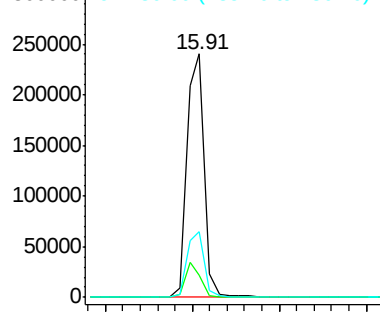
Ion	Ratio	Lower	Upper
240	100		
120	9.1	10.8	16.2#
236	26.9	21.0	31.6



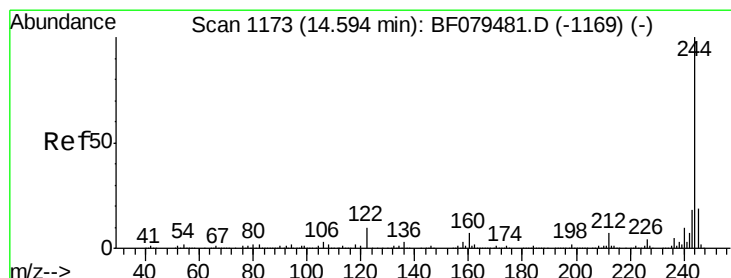
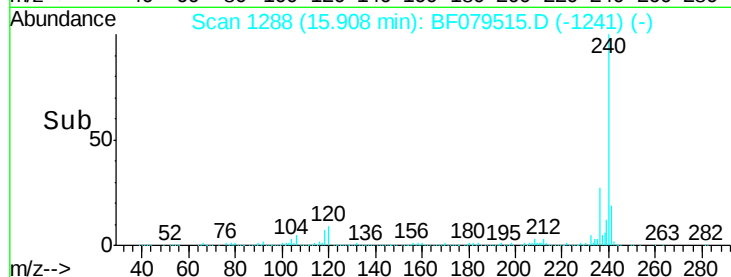
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 15.80 15.90 16.00



#78

Terphenyl-d14

Concen: 10.84 ng

RT: 14.59 min Scan# 1173

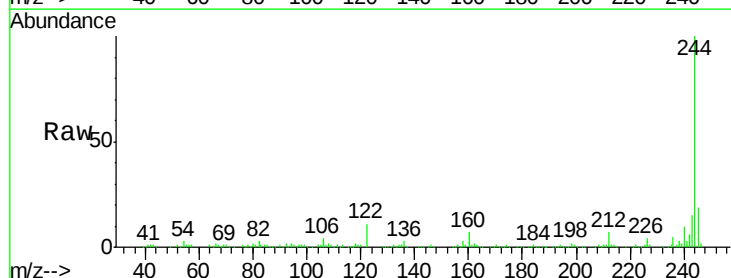
Delta R.T. 0.00 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

Tgt Ion:244 Resp: 156317

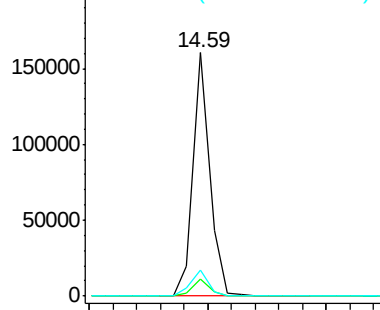
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	10.9	8.0	12.0



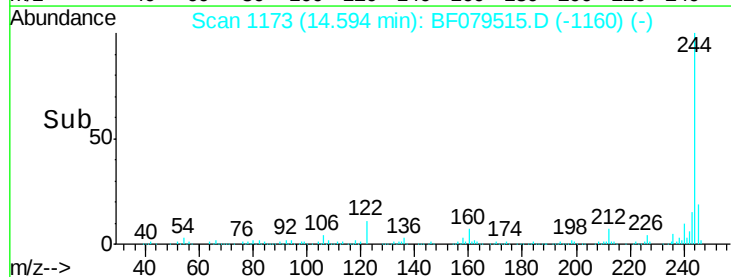
Abundance Ion 244.00 (243.70 to 244.70): E

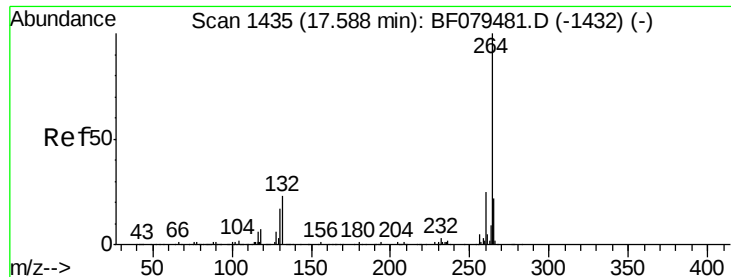
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 14.50 14.60 14.70

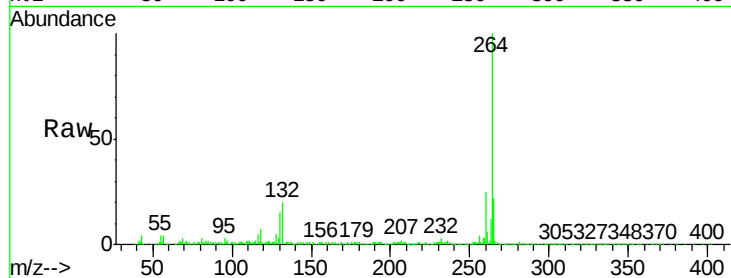




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1446
 Delta R.T. 0.13 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.9	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

