

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079513.D
 Acq On : 27 May 2015 9:59
 Operator : TP/IZ
 Sample : G2383-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

Manual Integrations
 APPROVED

apatel
 5/27/2015 2:03:24 PM

Quant Time: May 27 12:45:47 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	73178	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	300992	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	151960	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	295545	20.00	ng	0.01
75) Chrysene-d12	15.91	240	314110	20.00	ng	0.03
86) Perylene-d12	17.75	264	314952	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	392005m	92.91	ng	0.00
7) Phenol-d6	6.62	99	520934m	96.87	ng	0.00
23) Nitrobenzene-d5	7.71	82	287629	55.24	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	153588	92.02	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	565688	53.11	ng	0.00
78) Terphenyl-d14	14.59	244	638731	47.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.46	163	32818	2.93	ng	97
74) Fluoranthene	14.10	202	36698	2.11	ng	96
87) Benzo(b)fluoranthene	17.27	252	56919m	3.17	ng	

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

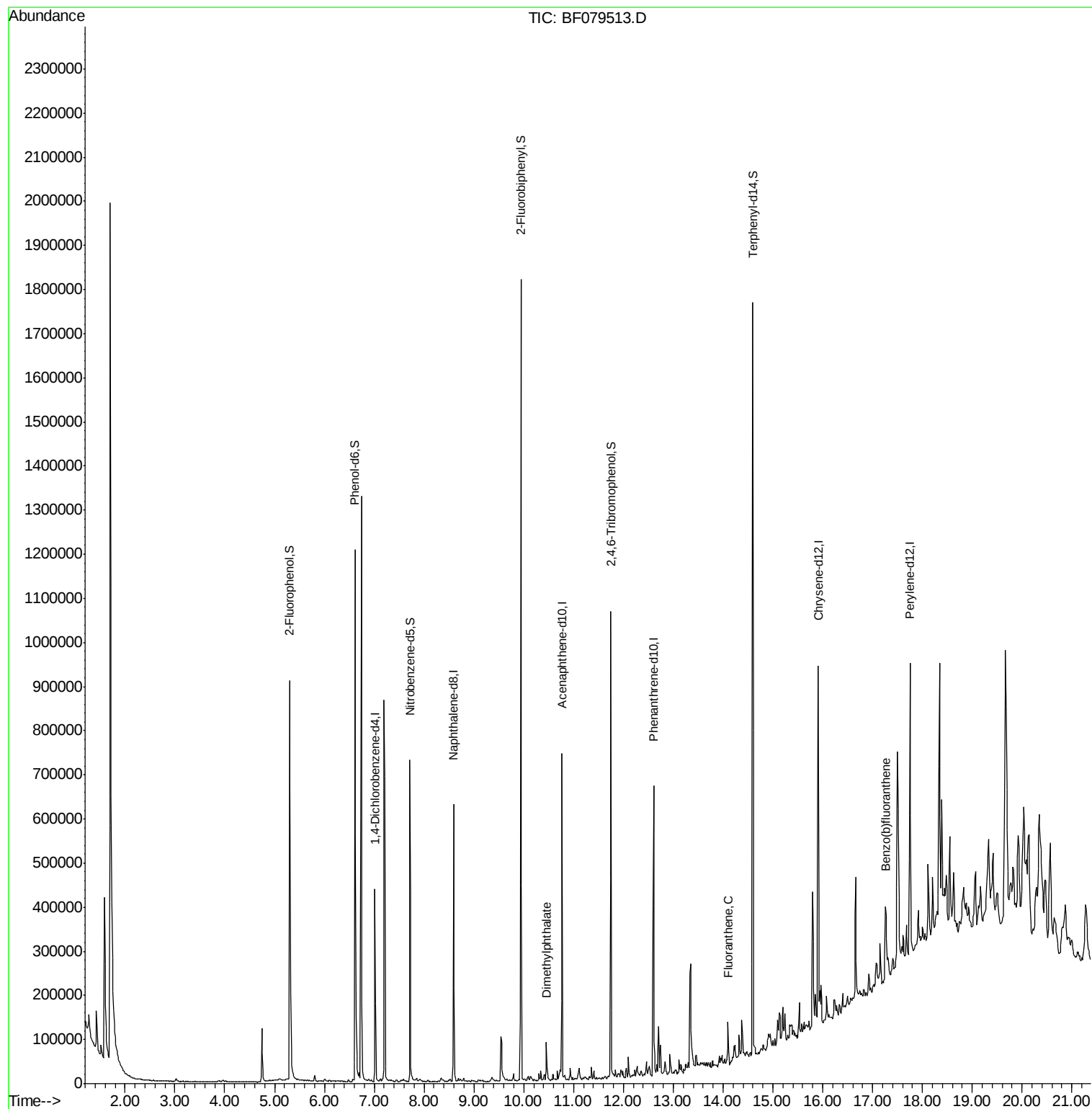
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079513.D
Acq On : 27 May 2015 9:59
Operator : TP/IZ
Sample : G2383-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4(1.5-2)

Manual Integrations
APPROVED

apatel
5/27/2015 2:03:24 PM

Quant Time: May 27 12:45:47 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





#1

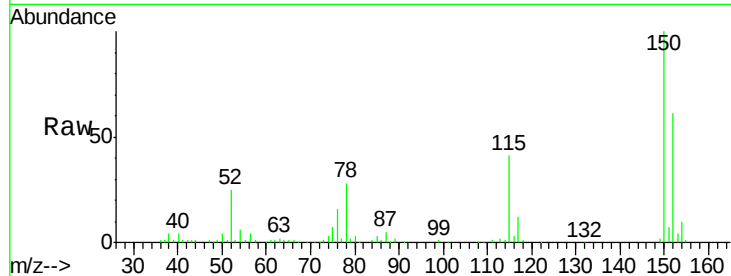
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079513.D
Acq: 27 May 2015 9:59

Instrument :
BNA_F
ClientSampleId :
HF-4(1.5-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.0	186.0
115	66.3	49.6	74.4

Manual Integrations
APPROVED

apatel
5/27/2015 2:03:24 PM

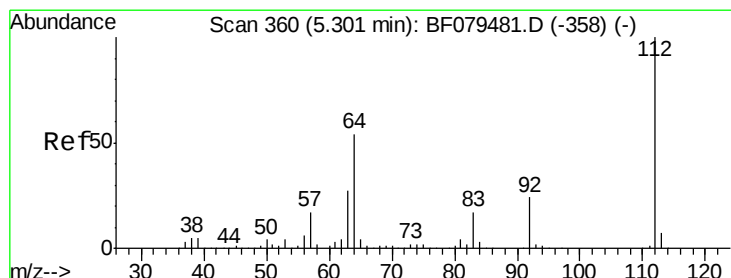
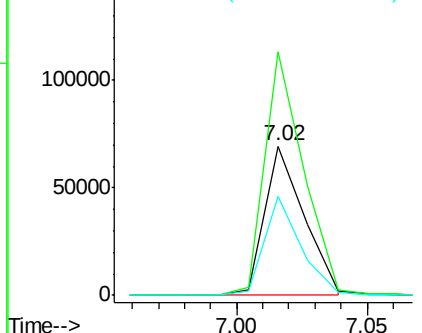
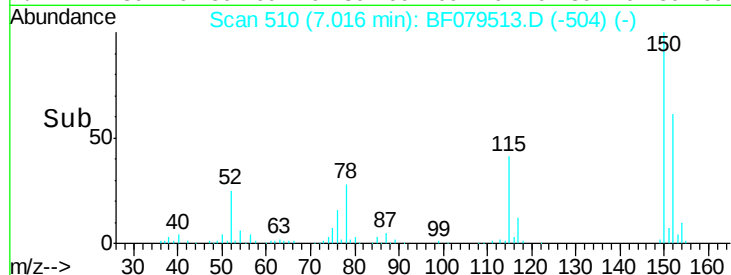


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

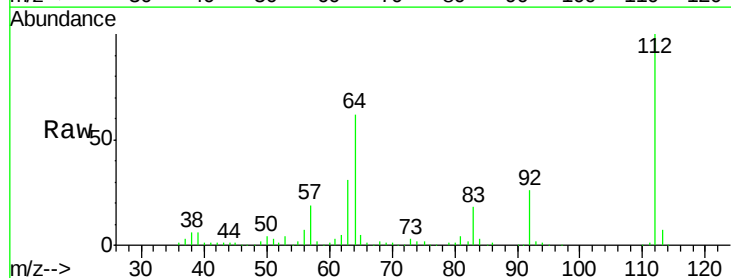
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.91 ng m
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079513.D
Acq: 27 May 2015 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	43.5	65.3
63	31.0	21.8	32.8

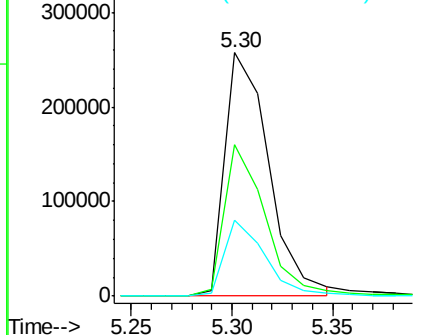
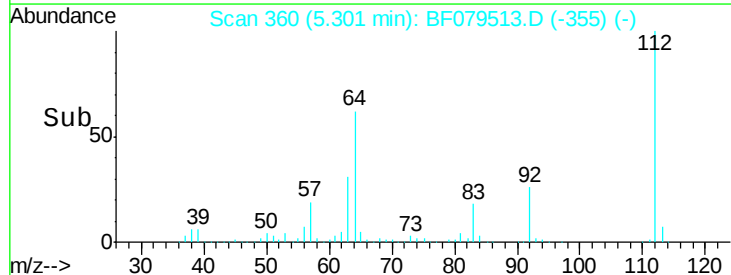


Abundance

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: 96.87 ng/mL

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Instrument :

BNA_F

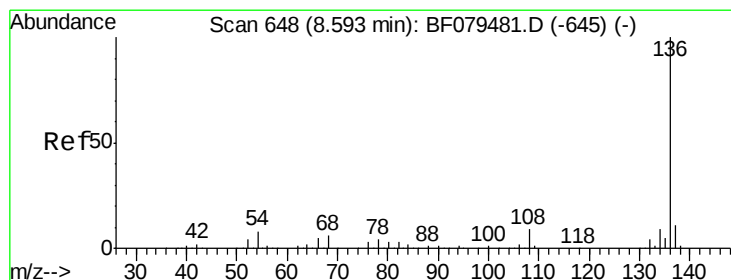
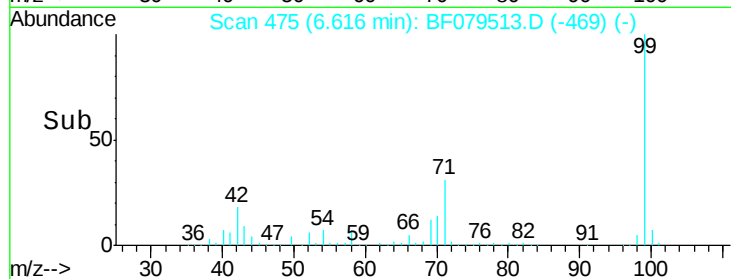
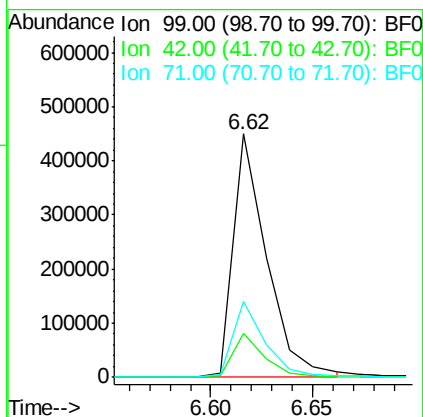
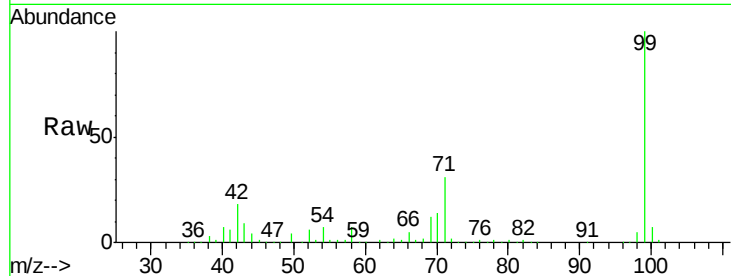
ClientSampleId :

HF-4(1.5-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		520934		
42	18.2	11.9	17.9#		
71	31.2	22.1	33.1		

Manual Integrations
APPROVED

apatel
5/27/2015 2:03:24 PM



#21

Naphthalene-d8

Concen: 20.00 ng/mL

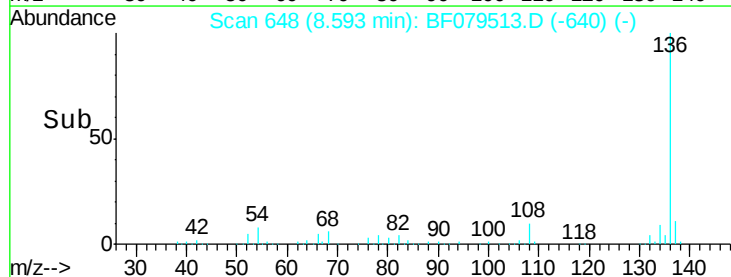
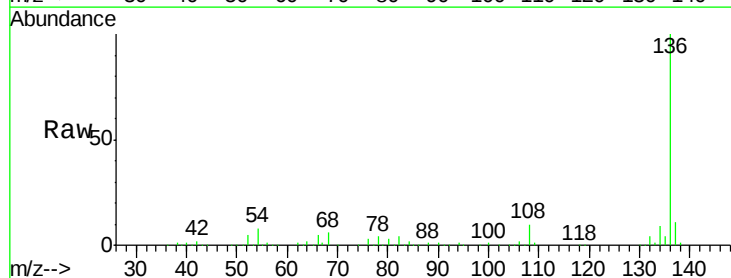
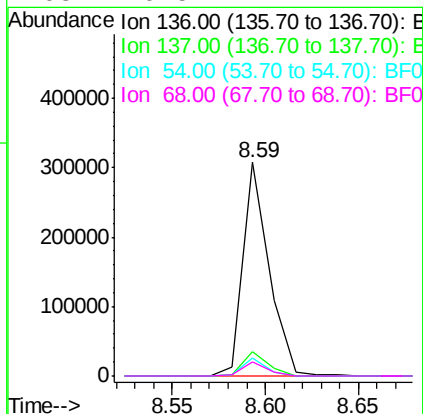
RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		300992		
137	11.2	8.5	12.7		
54	8.3	6.6	9.8		
68	6.5	4.7	7.1		





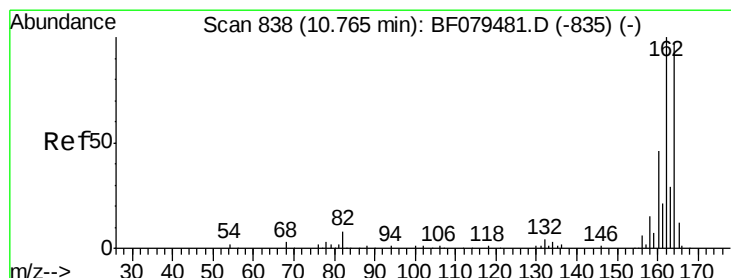
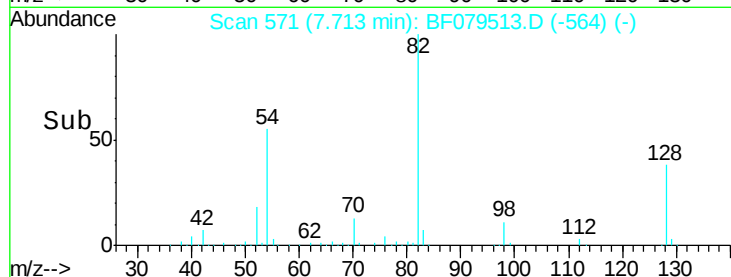
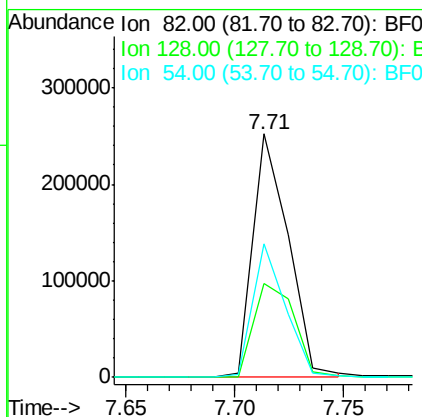
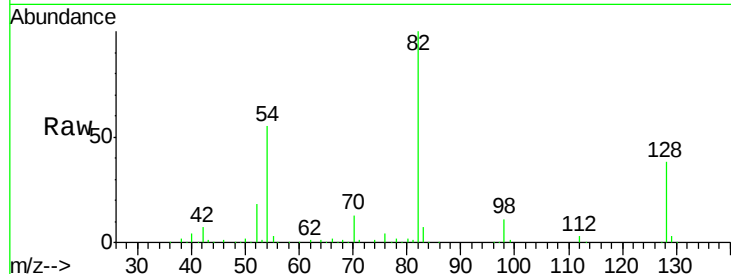
#23
 Nitrobenzene-d5
 Concen: 55.24 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	287629		
128	38.4		30.8	46.2
54	55.1		42.8	64.2

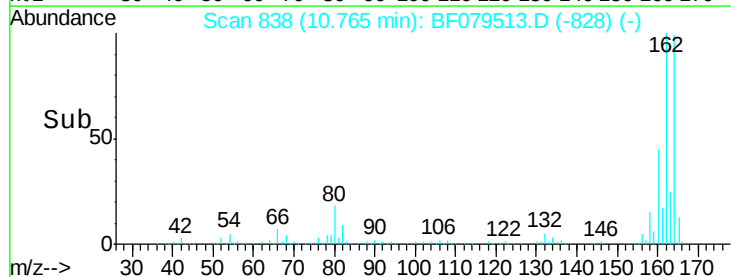
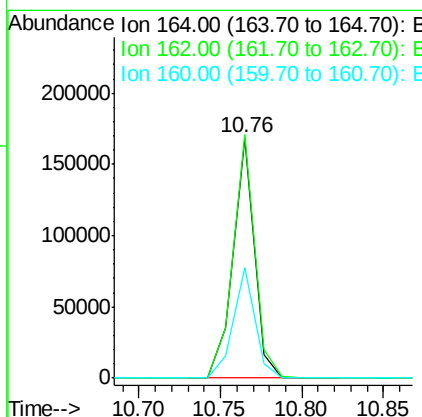
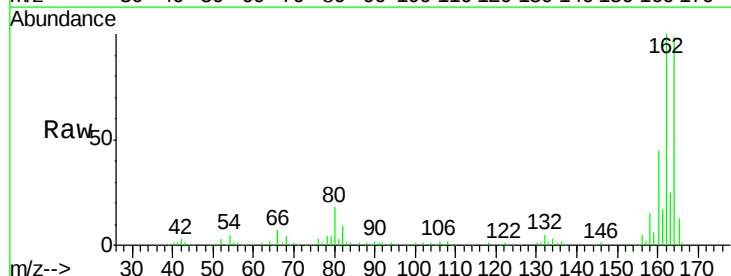
Manual Integrations
 APPROVED

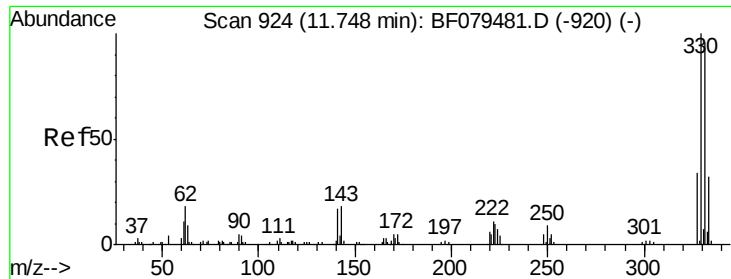
apatel
 5/27/2015 2:03:24 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	151960		
162	101.5		82.6	124.0
160	46.0		37.7	56.5





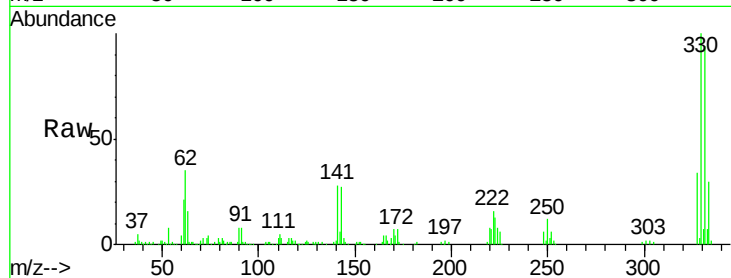
#41
 2,4,6-Tribromophenol
 Concen: 92.02 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

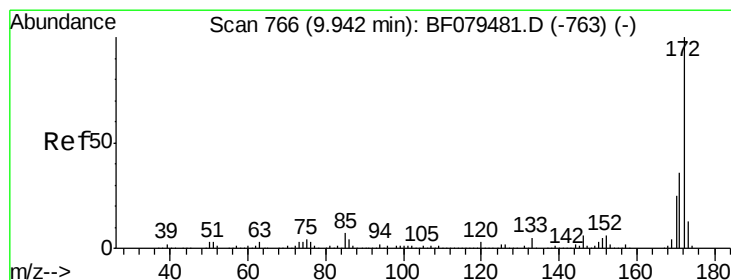
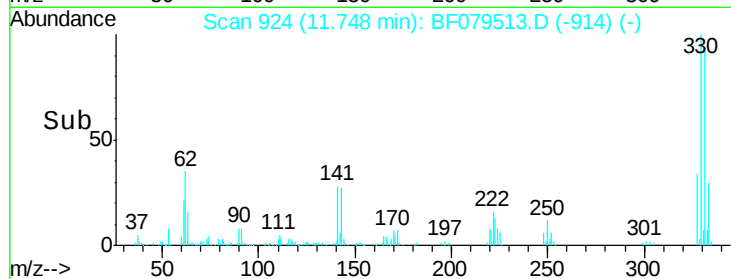
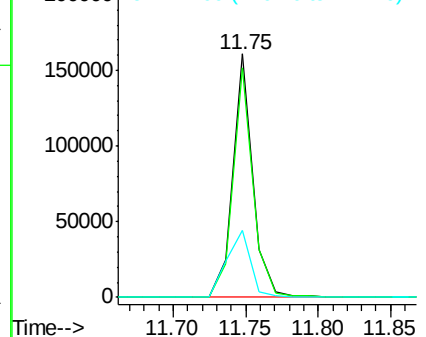
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	33.6	0.0	0.0#

Manual Integrations
 APPROVED

apatel
 5/27/2015 2:03:24 PM

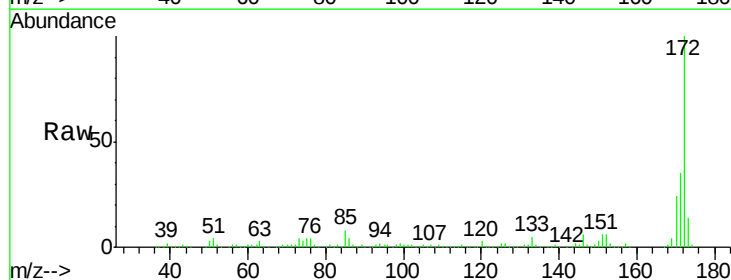


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

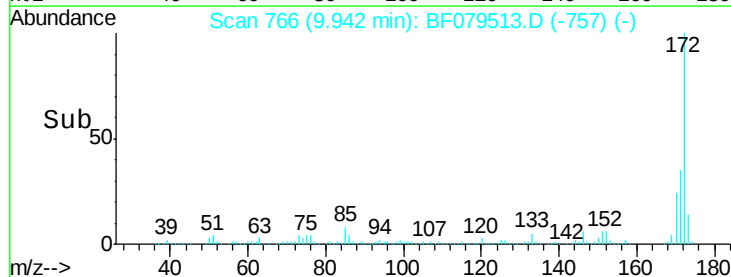
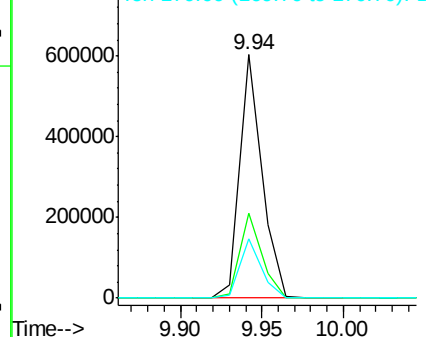


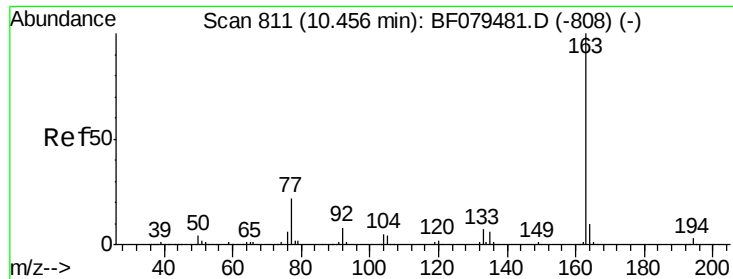
#44
 2-Fluorobiphenyl
 Concen: 53.11 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.0	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





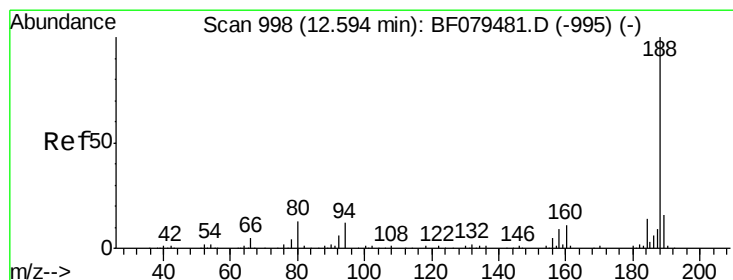
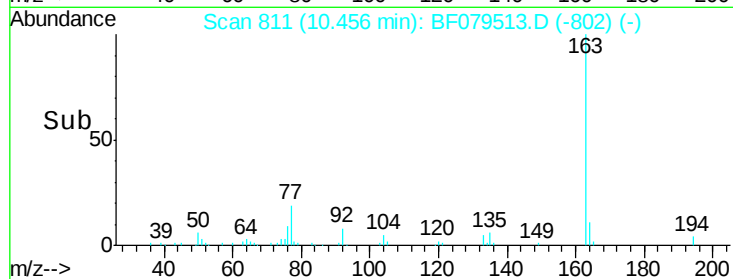
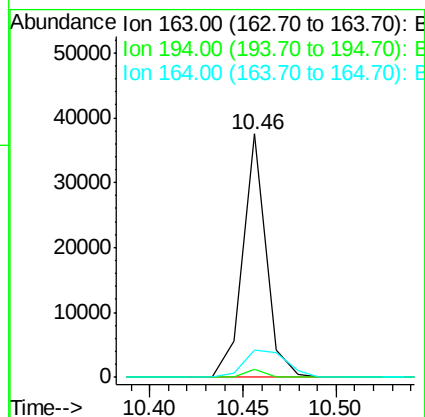
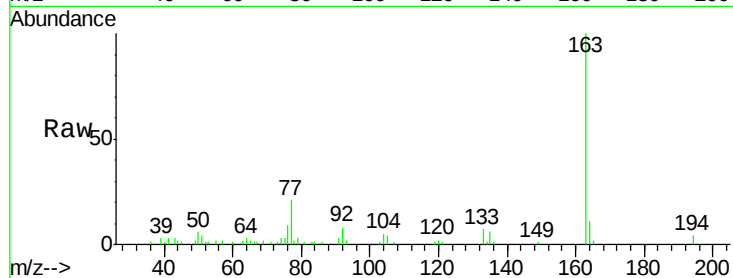
#49
Dimethylphthalate
Concen: 2.93 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079513.D
Acq: 27 May 2015 9:59

Instrument :
BNA_F
ClientSampleId :
HF-4(1.5-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	32818		
194	3.6		2.4	3.6
164	11.4		8.2	12.4

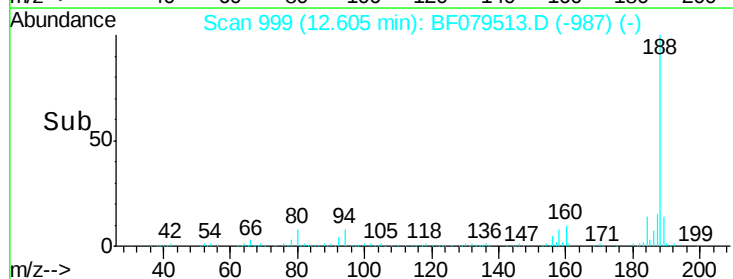
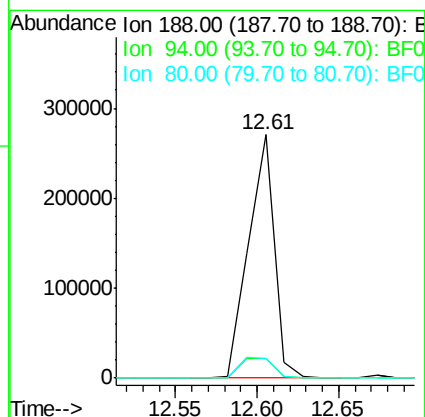
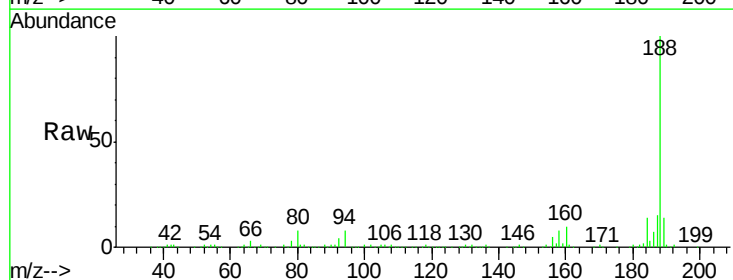
Manual Integrations
APPROVED

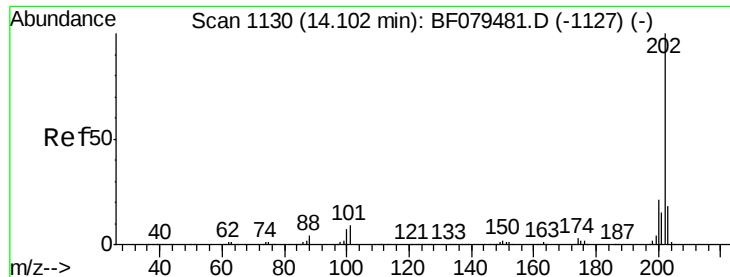
apatel
5/27/2015 2:03:24 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079513.D
Acq: 27 May 2015 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	295545		
94	8.2		9.8	14.6#
80	8.2		10.5	15.7#





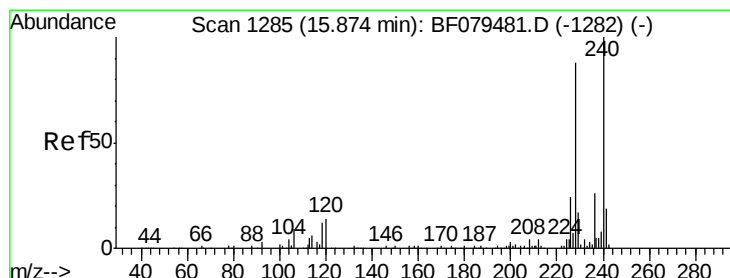
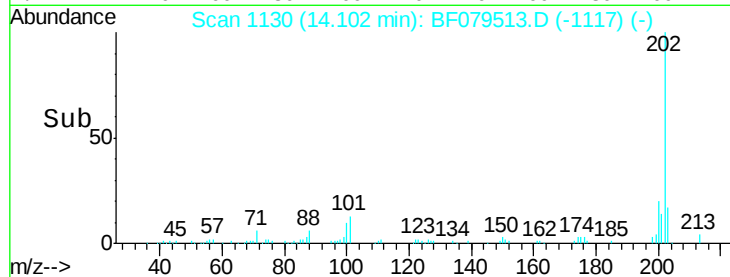
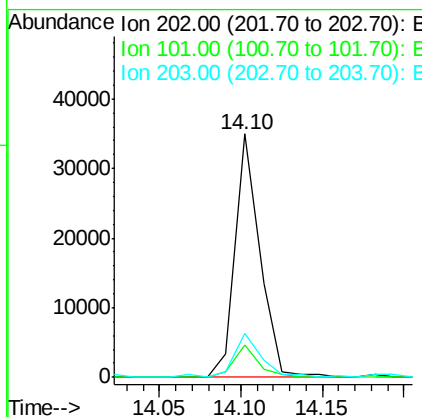
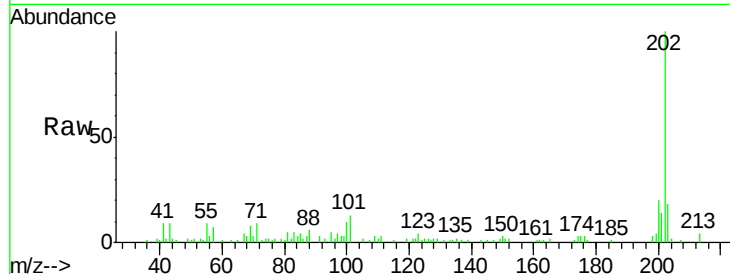
#74
 Fluoranthene
 Concen: 2.11 ng
 RT: 14.10 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	29.3
203	17.9	0.0	37.6

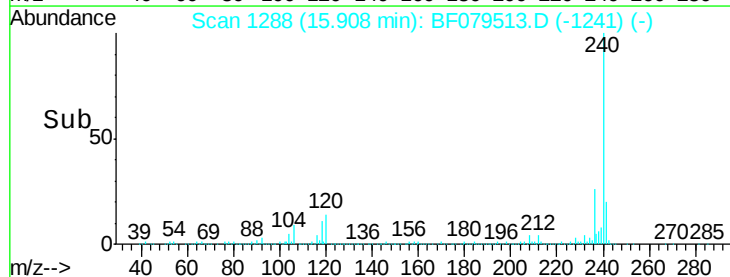
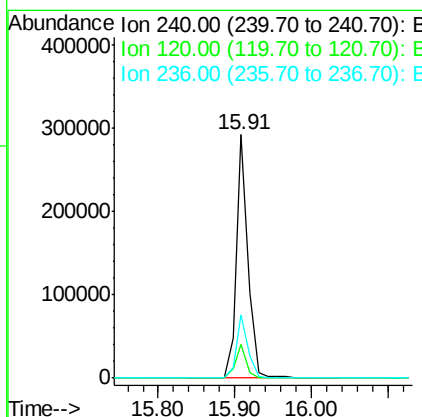
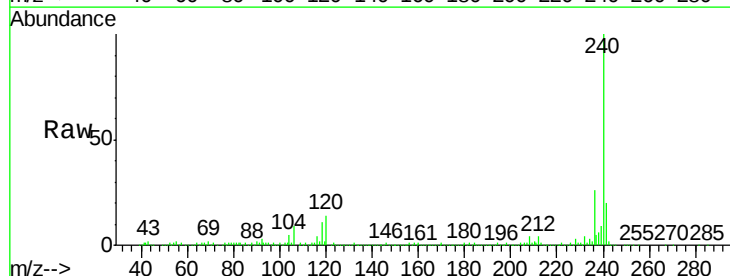
Manual Integrations
 APPROVED

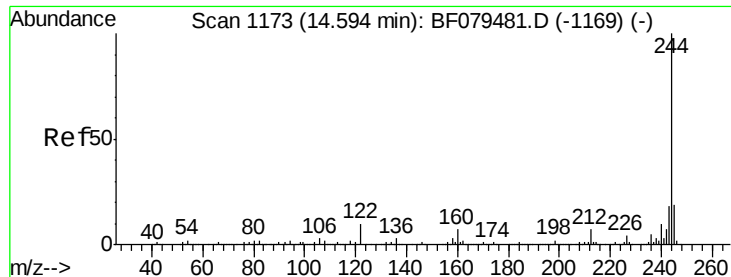
apatel
 5/27/2015 2:03:24 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1288
 Delta R.T. 0.03 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	10.8	16.2
236	25.9	21.0	31.6





#78

Terphenyl-d14

Concen: 47.72 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Instrument :

BNA_F

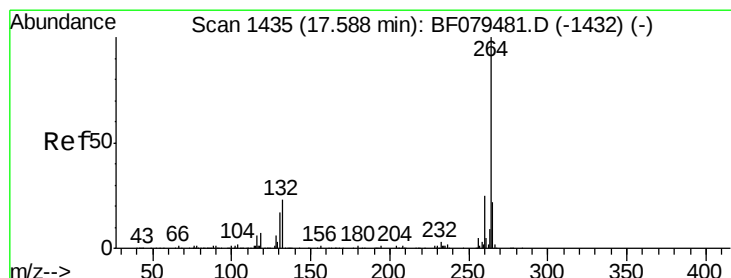
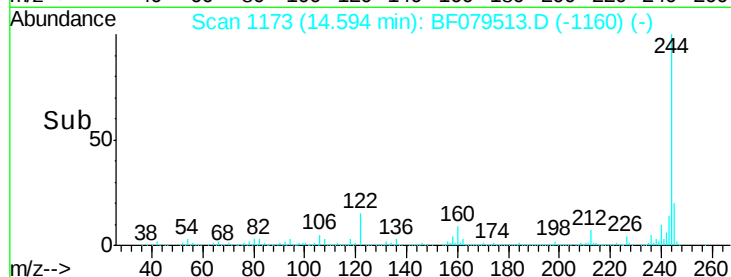
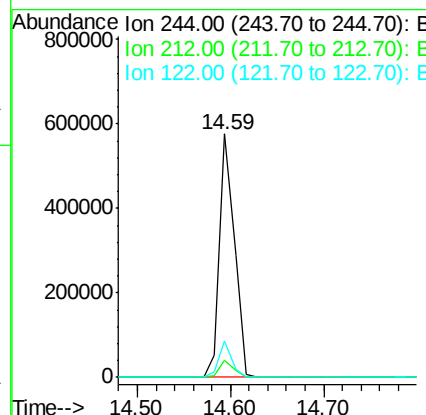
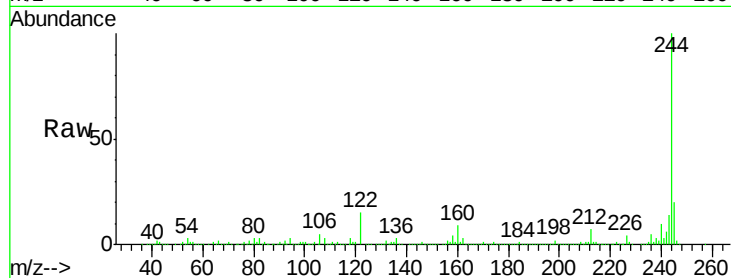
ClientSampleId :

HF-4(1.5-2)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.2	7.8
122	14.6	8.0	12.0

Manual Integrations
APPROVED

apatel
5/27/2015 2:03:24 PM



#86

Perylene-d12

Concen: 20.00 ng

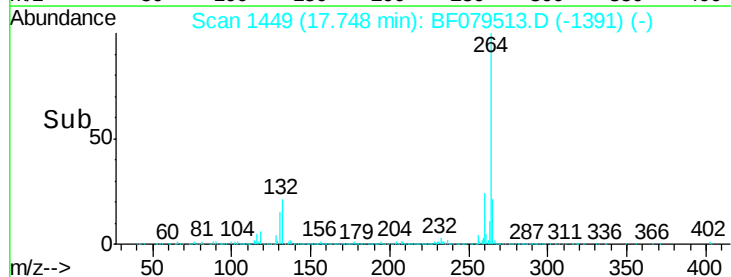
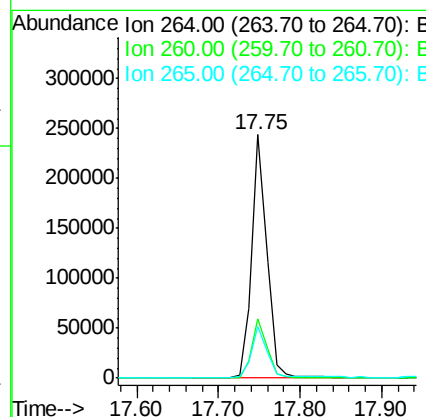
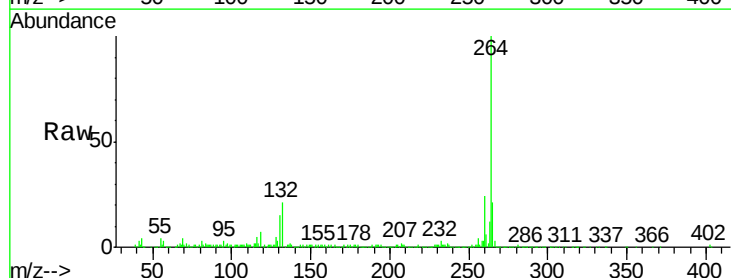
RT: 17.75 min Scan# 1449

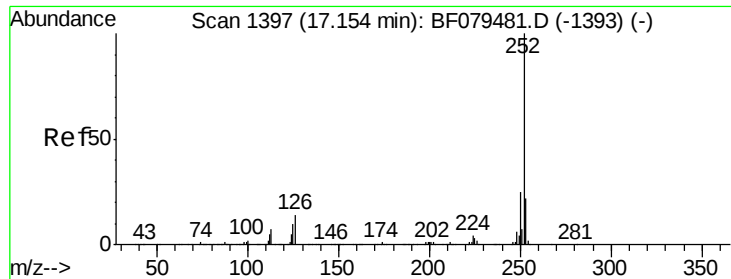
Delta R.T. 0.16 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.2	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 3.17 ng m

RT: 17.27 min Scan# 1407

Delta R.T. 0.11 min

Lab File: BF079513.D

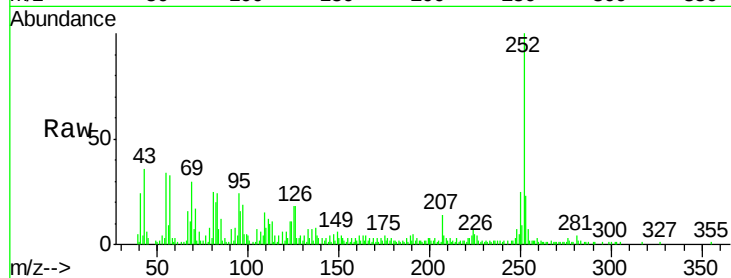
Acq: 27 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

HF-4(1.5-2)



Tot Ion:	252	Resp:	56919
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	17.7	7.8	11.6

Manual Integrations
APPROVED

apatel
5/27/2015 2:03:24 PM

