

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079512.D
 Acq On : 27 May 2015 9:31
 Operator : TP/IZ
 Sample : G2383-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(14-15)

Manual Integrations
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Quant Time: May 27 12:43:30 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	70043	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	293052	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	150507	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	296574	20.00	ng	0.01
75) Chrysene-d12	15.90	240	324051	20.00	ng	0.02
86) Perylene-d12	17.71	264	341218	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	450334m	111.52	ng	0.00
7) Phenol-d6	6.62	99	576830	112.07	ng	0.00
23) Nitrobenzene-d5	7.71	82	335671	66.21	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	185504	112.21	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	668486	63.37	ng	0.00
78) Terphenyl-d14	14.59	244	818855	59.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.46	163	49697	4.48	ng	Qvalue 100
70) Phenanthrene	12.63	178	94249	5.79	ng	100
74) Fluoranthene	14.10	202	63190	3.62	ng	97
77) Pyrene	14.38	202	87671	4.37	ng	# 94
80) Benzo(a)anthracene	15.89	228	37744	2.02	ng	95

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

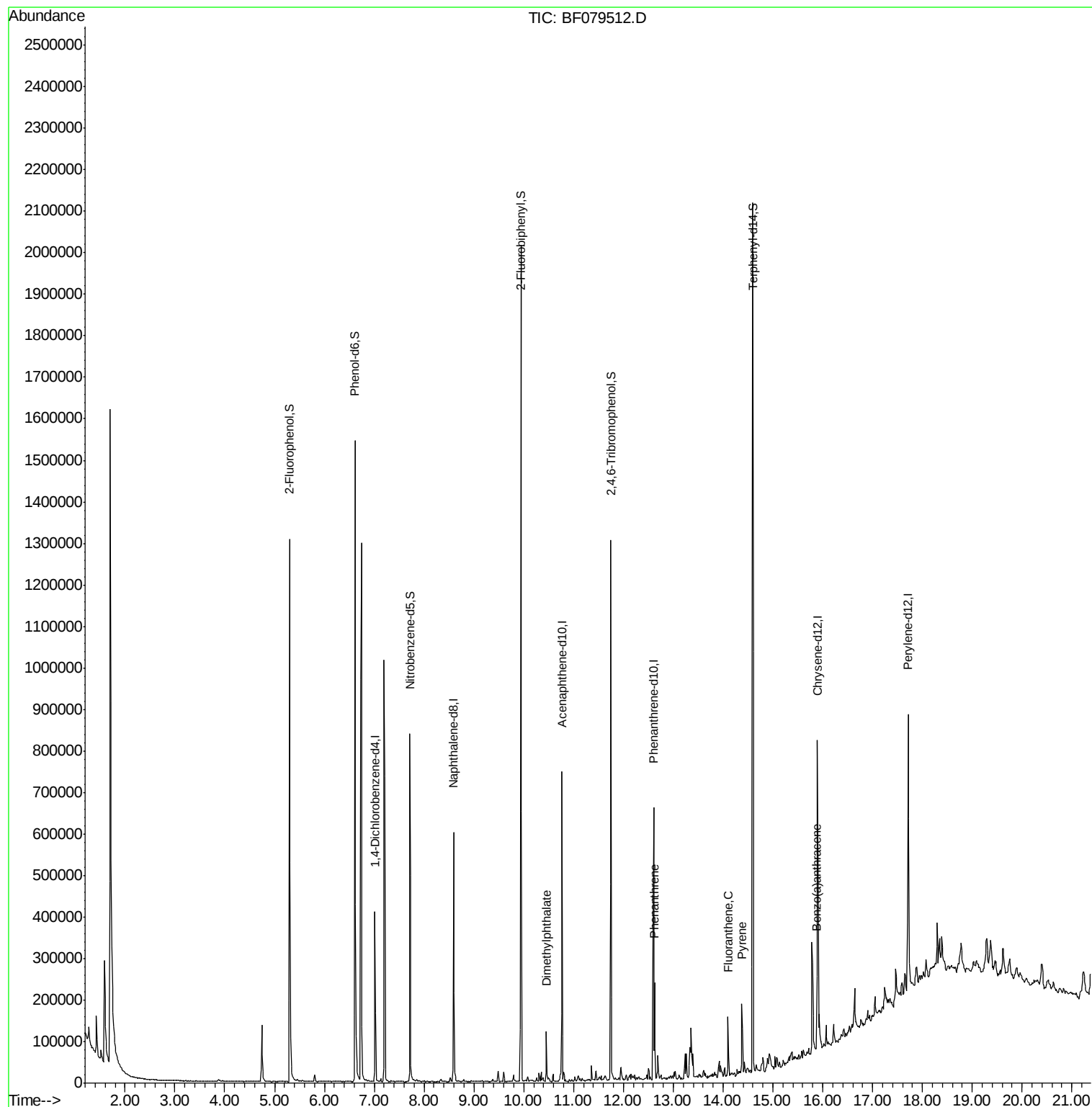
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079512.D
Acq On : 27 May 2015 9:31
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Sample : G2383-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

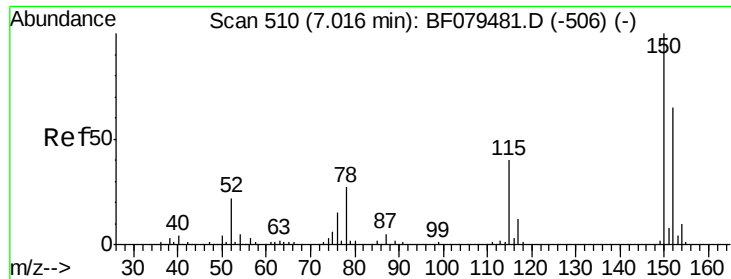
Instrument :
BNA_F
ClientSampleId :
HF-2(14-15)

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Quant Time: May 27 12:43:30 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

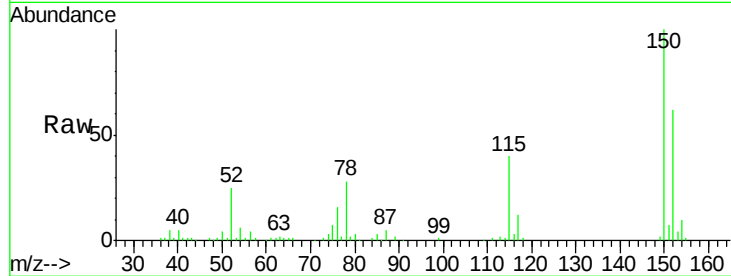
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampleId :
HF-2(14-15)

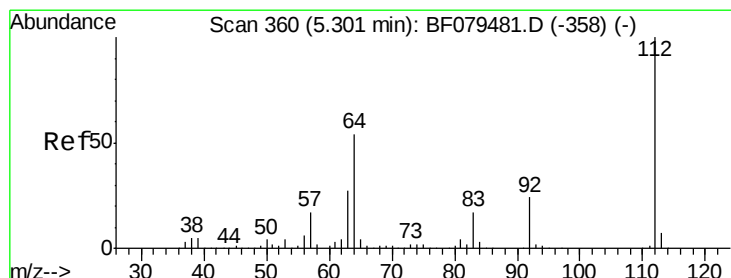
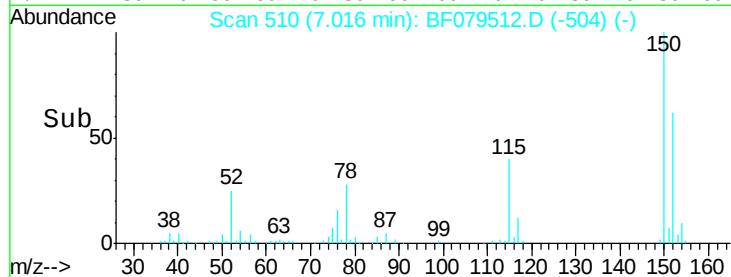
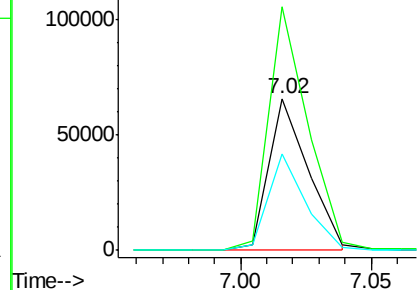
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.0	186.0
115	63.8	49.6	74.4

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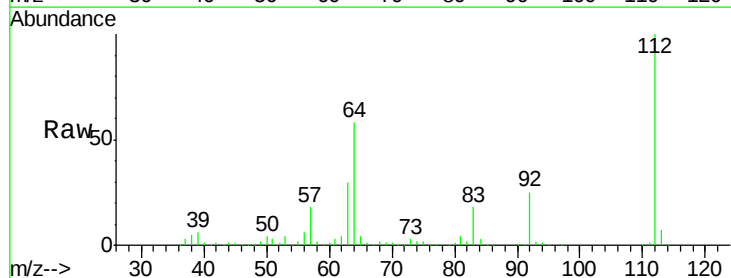
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



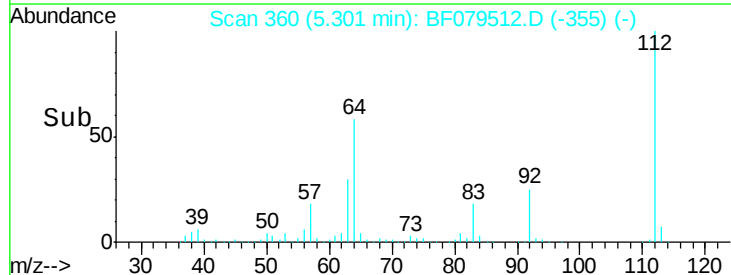
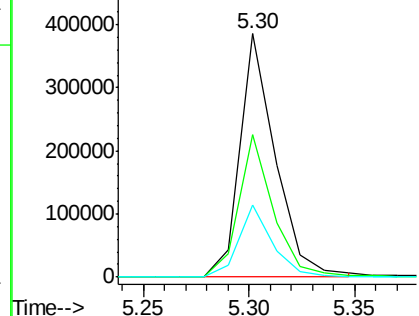
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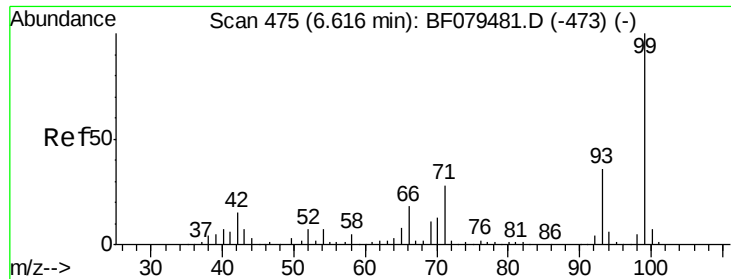
2-Fluorophenol
Concen: 111.52 ng m
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	43.5	65.3
63	29.6	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: 112.07 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

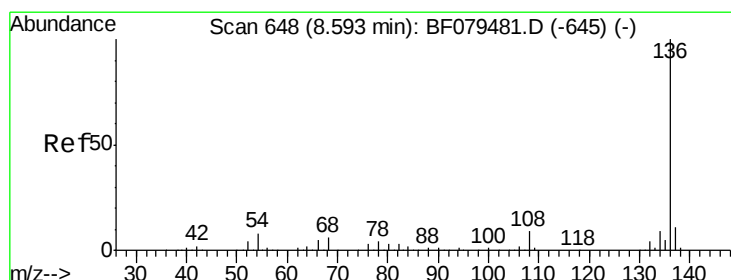
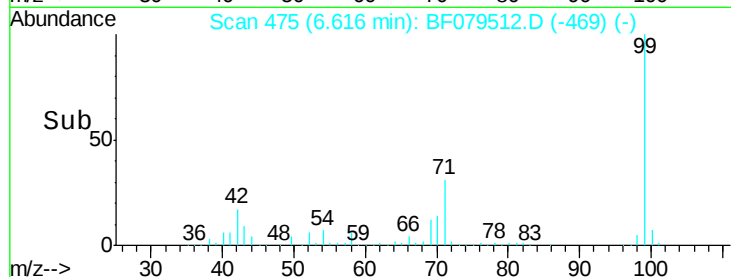
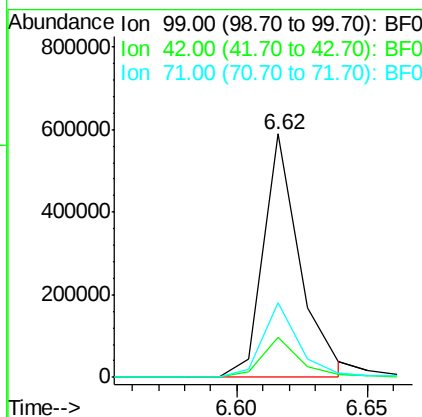
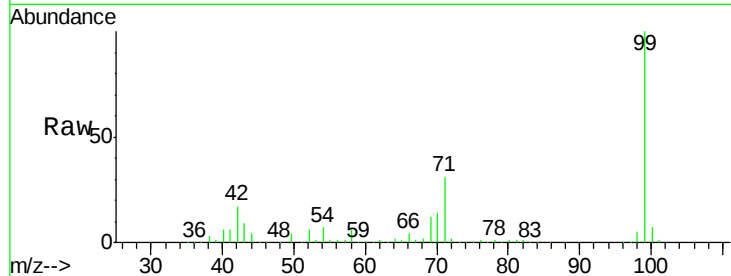
ClientSampleId :

HF-2(14-15)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		576830		
42	16.6	11.9	17.9		
71	30.8	22.1	33.1		

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#21

Naphthalene-d8

Concen: 20.00 ng

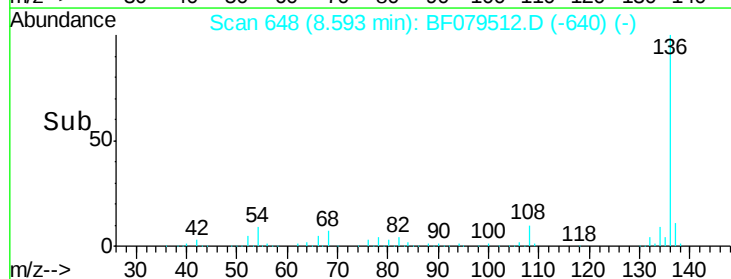
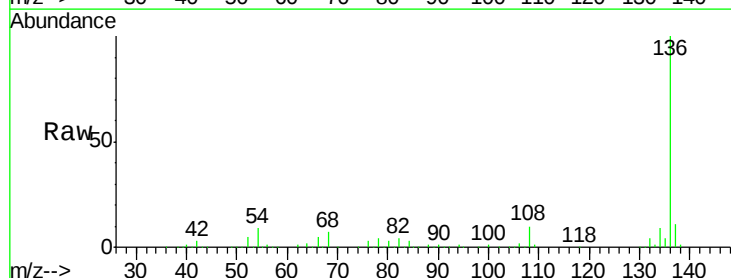
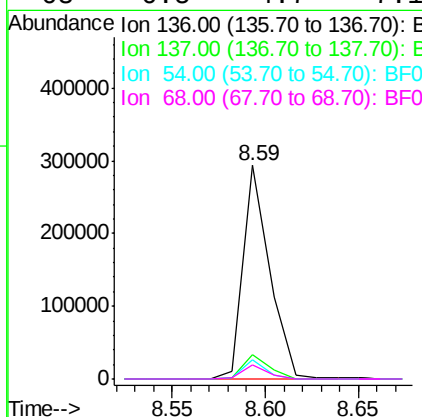
RT: 8.59 min Scan# 648

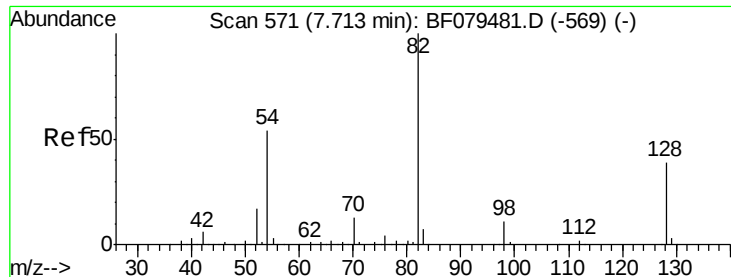
Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		293052		
137	11.2	8.5	12.7		
54	8.9	6.6	9.8		
68	6.5	4.7	7.1		





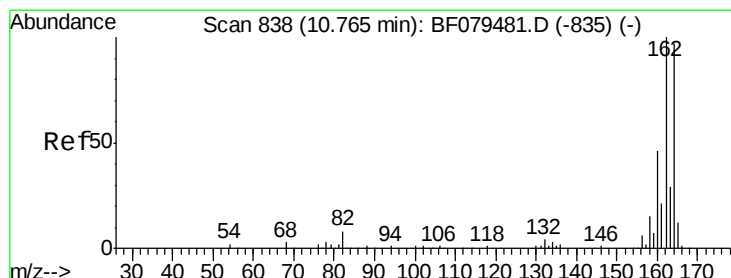
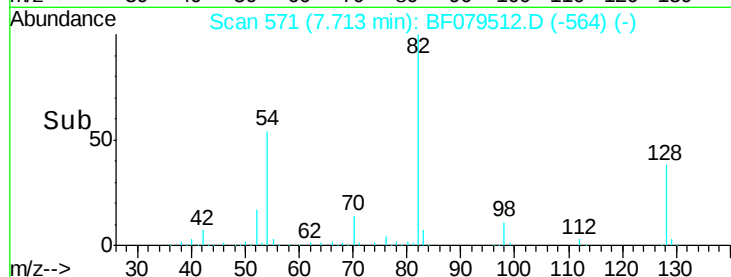
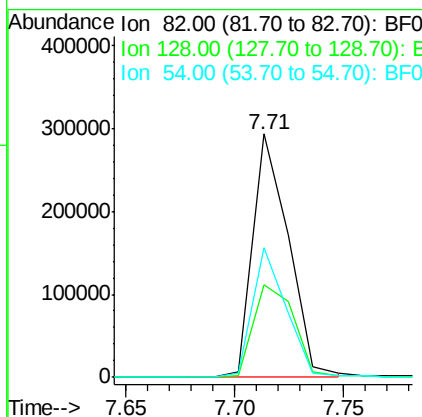
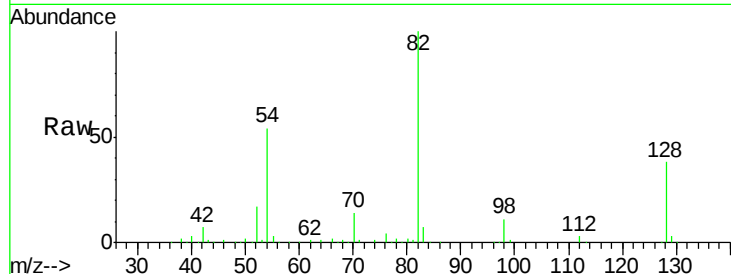
#23
 Nitrobenzene-d5
 Concen: 66.21 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(14-15)

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	38.1	30.8	46.2
54	53.5	42.8	64.2

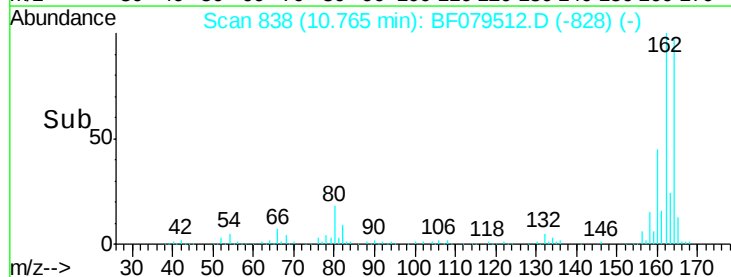
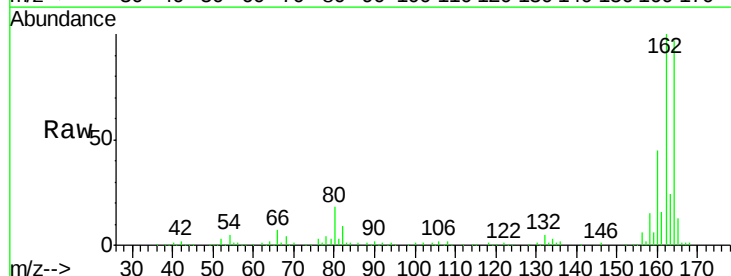
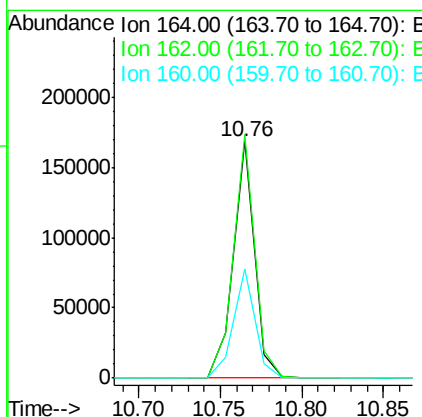
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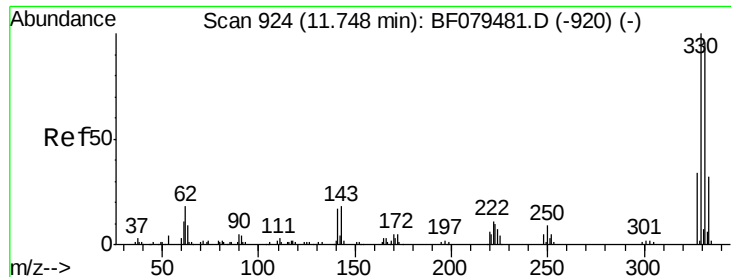
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.7	82.6	124.0
160	45.8	37.7	56.5





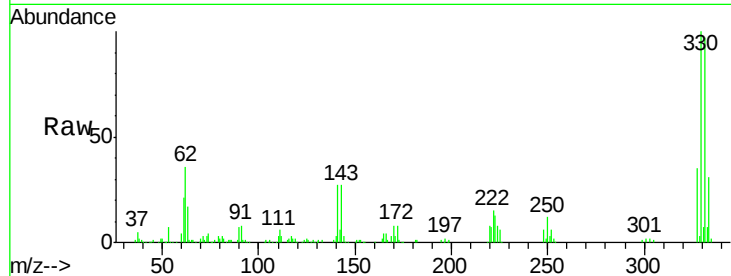
#41
 2,4,6-Tribromophenol
 Concen: 112.21 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(14-15)

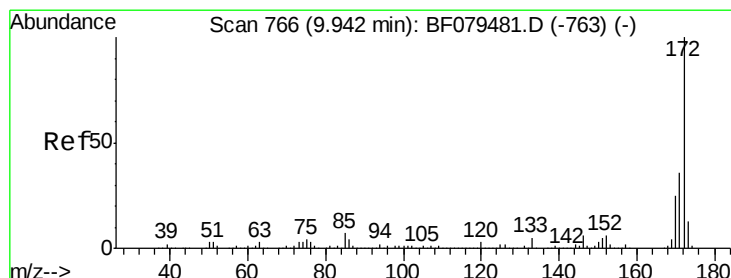
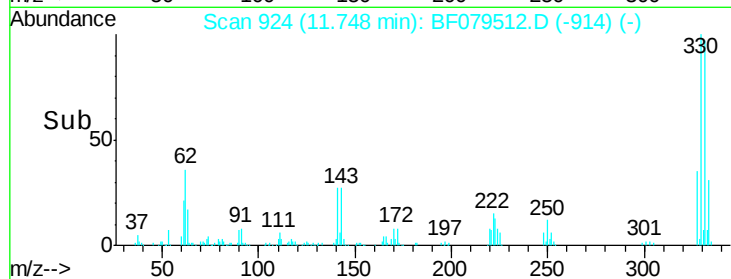
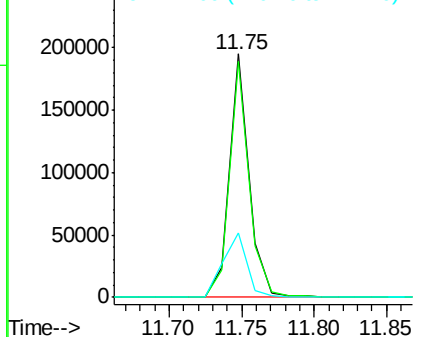
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	32.1	0.0	0.0#

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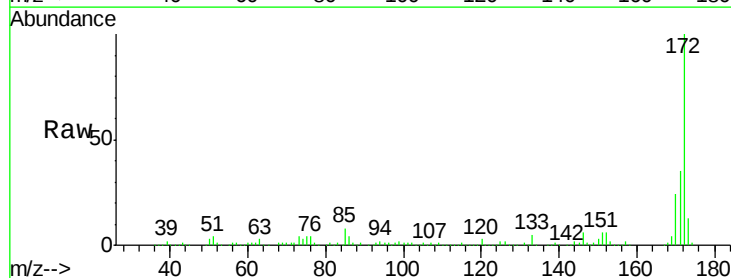


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

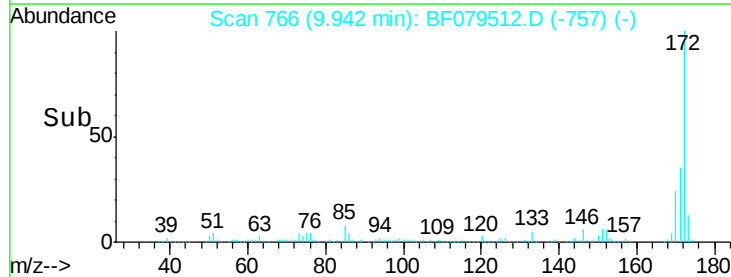
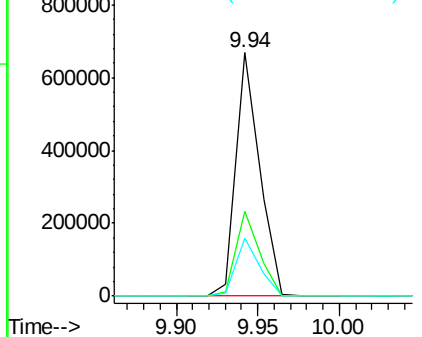


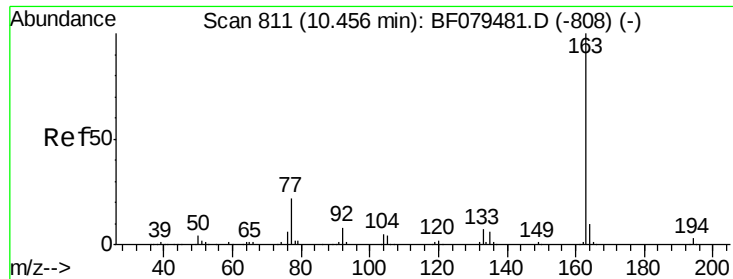
#44
 2-Fluorobiphenyl
 Concen: 63.37 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.8	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





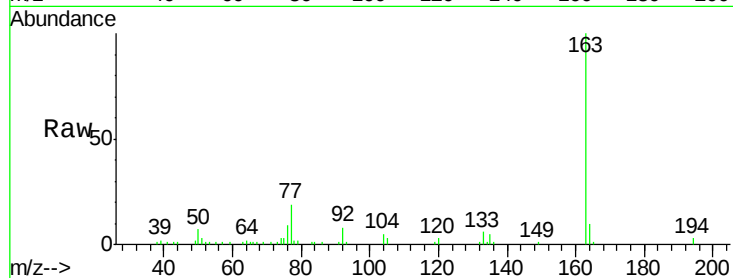
#49
Dimethylphthalate
Concen: 4.48 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampled :
HF-2(14-15)

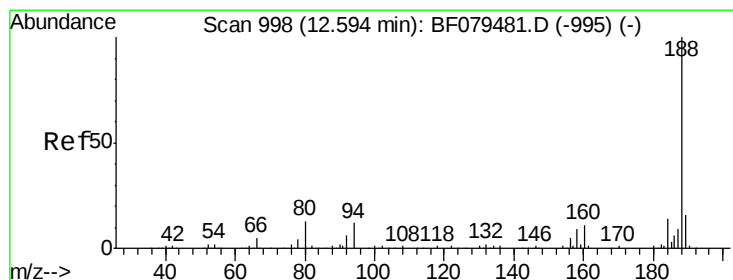
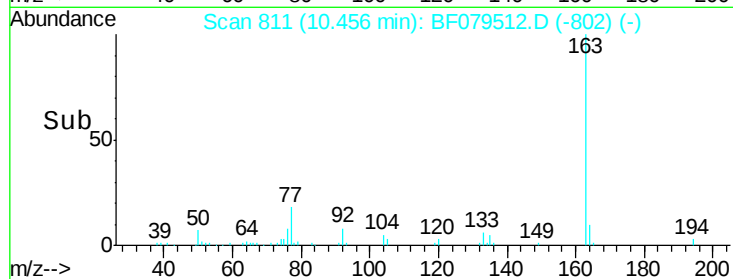
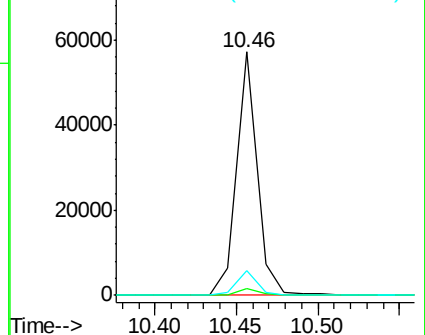
Tot Ion	Ratio	Resp	Lower	Upper
163	100	49697		
194	3.0		2.4	3.6
164	10.3		8.2	12.4

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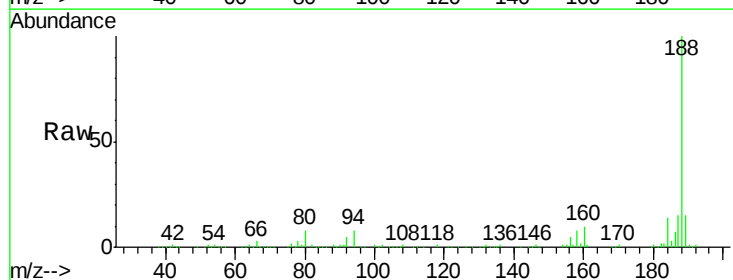


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

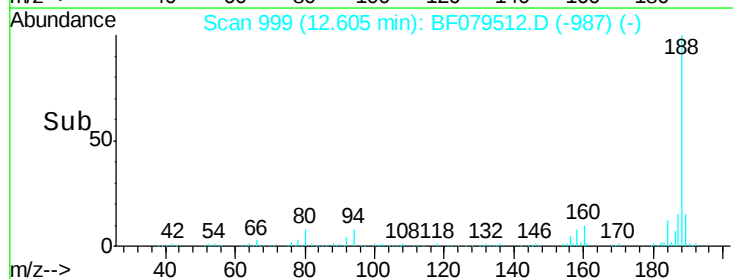
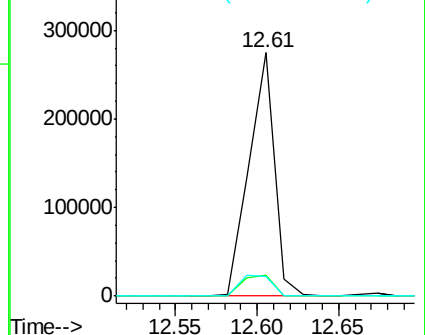


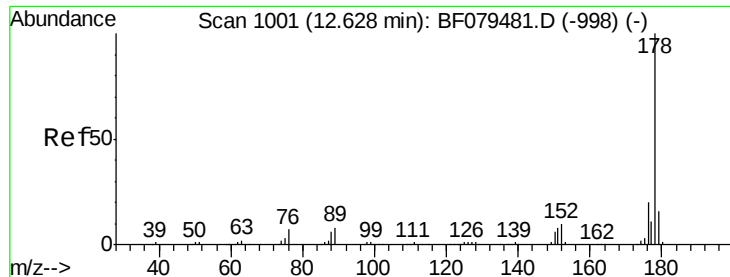
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	296574		
94	8.3		9.8	14.6#
80	8.1		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





#70

Phenanthrene

Concen: 5.79 ng

RT: 12.63 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

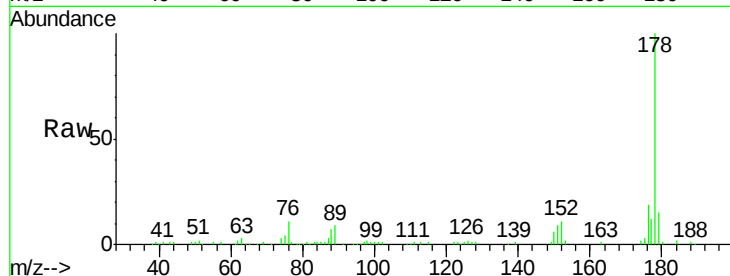
ClientSampleId :

HF-2(14-15)

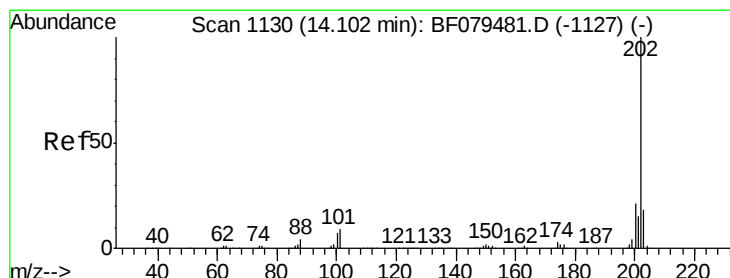
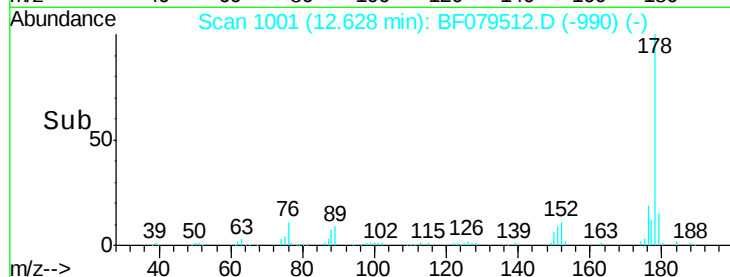
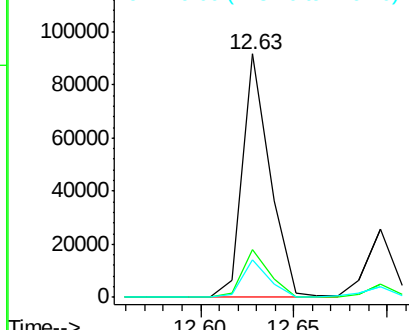
Tot Ion:	178	Resp:	94249
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.7	23.5
179	15.4	12.4	18.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.62 ng

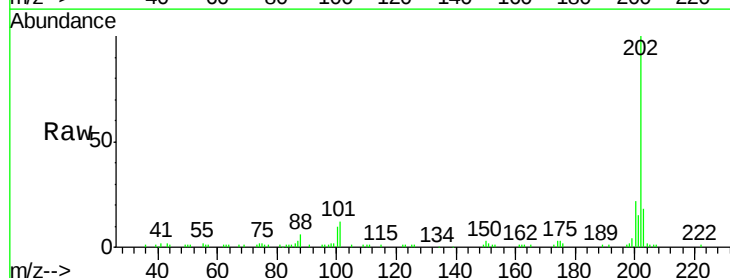
RT: 14.10 min Scan# 1130

Delta R.T. 0.00 min

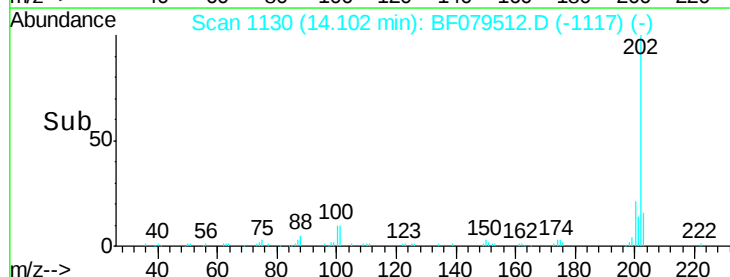
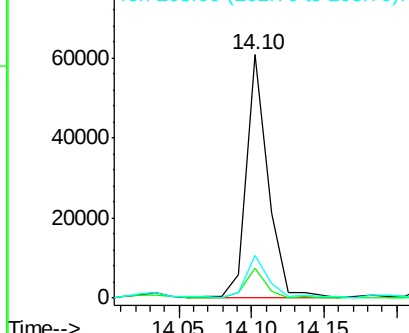
Lab File: BF079512.D

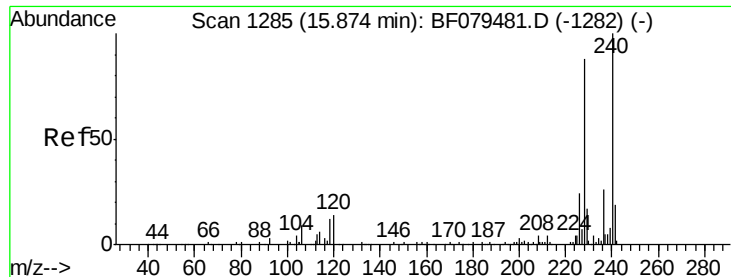
Acq: 27 May 2015 9:31

Tgt Ion:	202	Resp:	63190
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	29.3
203	17.6	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.90 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

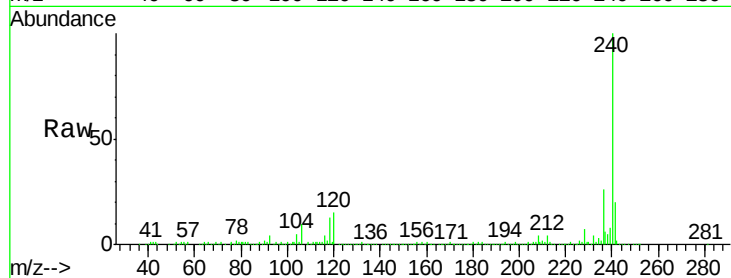
ClientSampleId :

HF-2(14-15)

Tot Ion:	240	Resp:	324051
Ion Ratio	Lower	Upper	
240	100		
120	14.8	10.8	16.2
236	25.7	21.0	31.6

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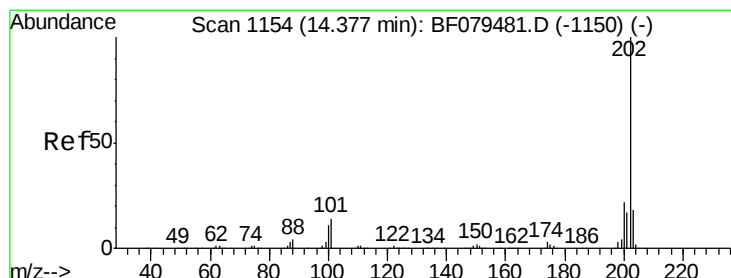
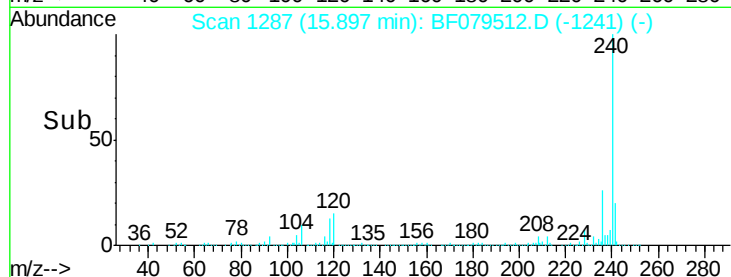
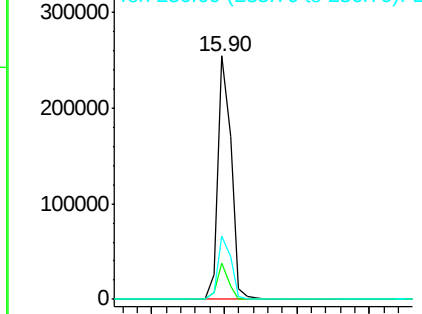
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.37 ng

RT: 14.38 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF079512.D

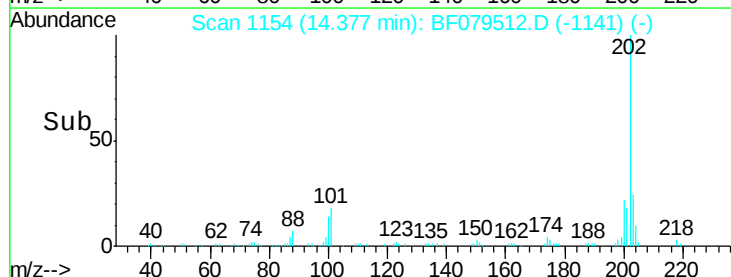
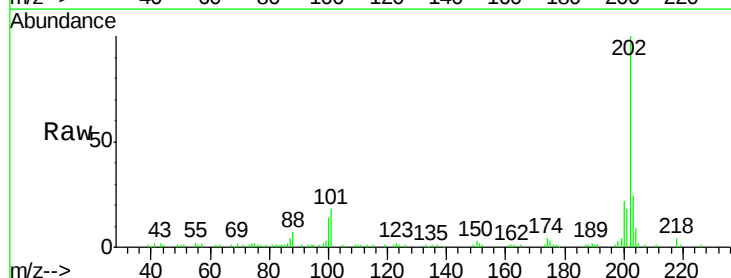
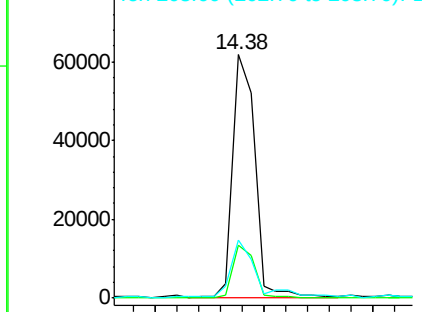
Acq: 27 May 2015 9:31

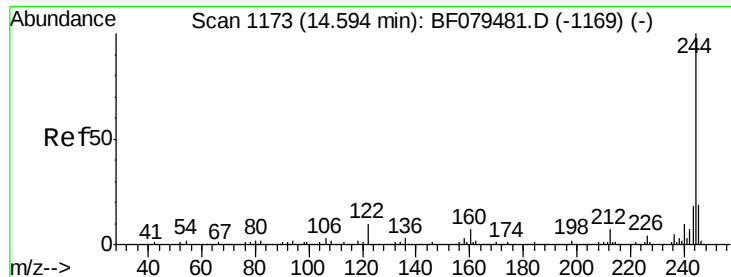
Tgt Ion:	202	Resp:	87671
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.5	26.3
203	23.7	14.4	21.6#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





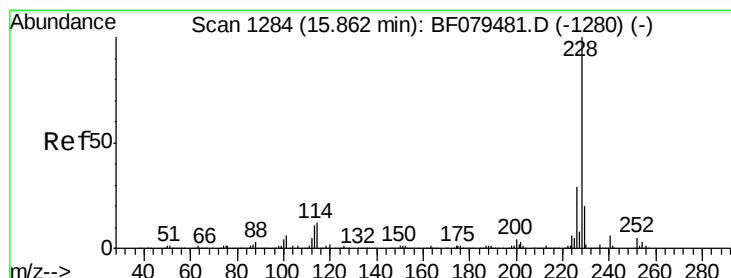
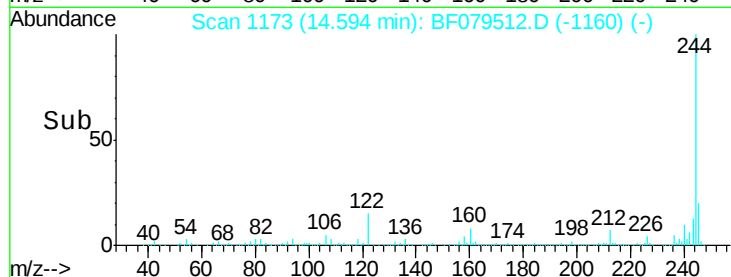
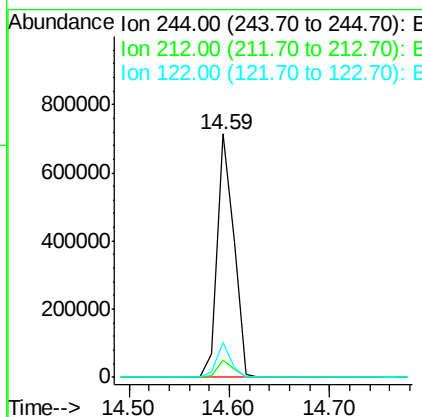
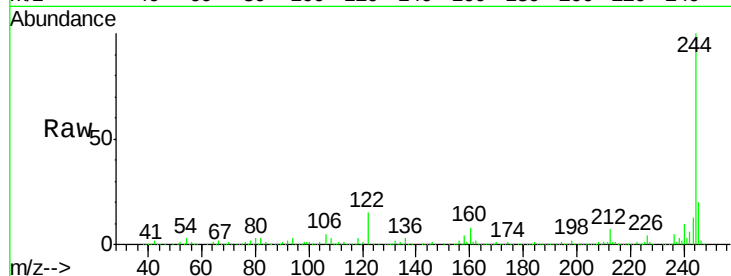
#78
 Terphenyl-d14
 Concen: 59.30 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Instrument :
 BNA_F
 ClientSampled :
 HF-2(14-15)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.2	7.8
122	14.6	8.0	12.0

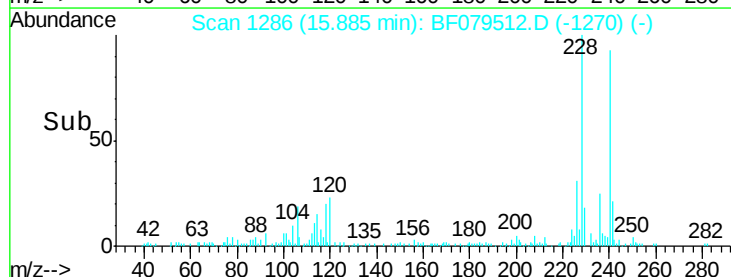
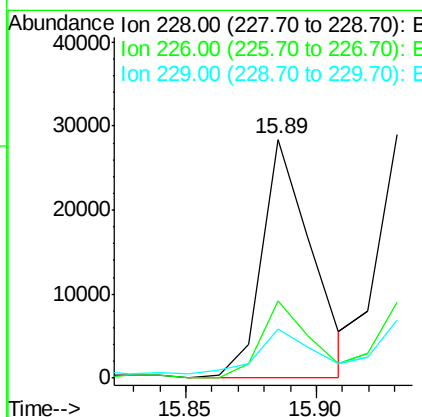
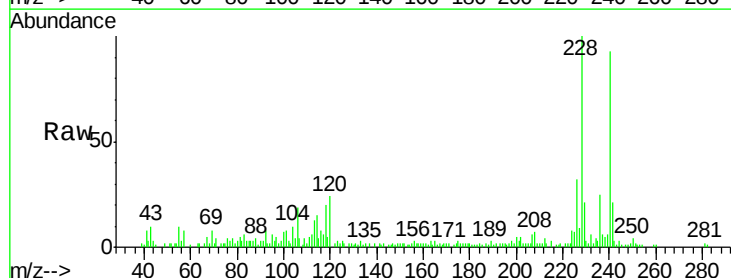
Manual Integrations
 APPROVED

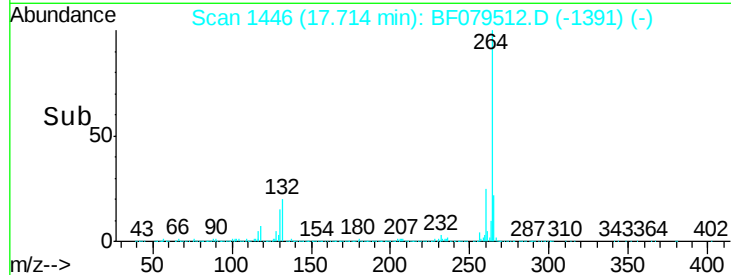
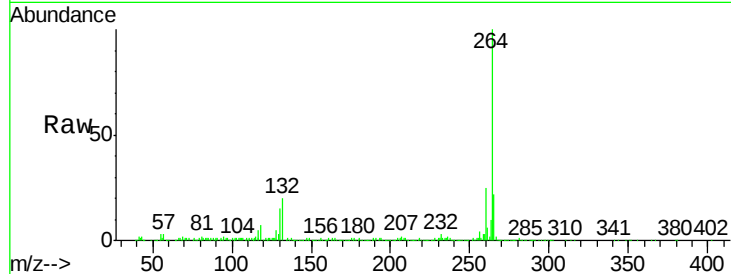
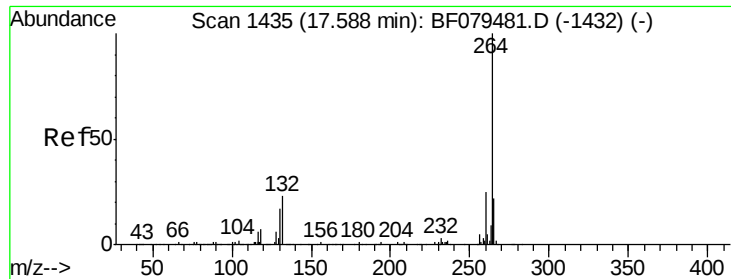
apatel
 5/27/2015 2:03:19 PM



#80
 Benzo(a)anthracene
 Concen: 2.02 ng
 RT: 15.89 min Scan# 1286
 Delta R.T. 0.02 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.3	22.8	34.2
229	20.6	15.9	23.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. 0.13 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampleId :
HF-2(14-15)

Tot Ion:	264	Resp:	341218
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.8	29.8
265	21.8	17.8	26.6

Manual Integrations
APPROVED

apatel
5/27/2015 2:03:19 PM

