

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079687.D
 Acq On : 4 Jun 2015 4:57
 Operator : TP/IZ
 Sample : G2408-26
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14S

Manual Integrations
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 6/5/2015 8:10:33 AM

Quant Time: Jun 04 05:47:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	84983	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	325598	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	171765	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	332666	20.00	ng	-0.03
75) Chrysene-d12	15.02	240	331780m	20.00	ng	-0.37
86) Perylene-d12	16.96	264	321799m	20.00	ng	-0.53
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	737563	157.05	ng	0.00
7) Phenol-d6	7.12	99	1008874	165.76	ng	0.01
23) Nitrobenzene-d5	8.08	82	544231	95.77	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	226752	159.95	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	1168790	104.53	ng	0.00
78) Terphenyl-d14	13.76	244	1304027	100.58	ng	-0.19
Target Compounds						
49) Dimethylphthalate	10.27	163	132517	10.53	ng	99
70) Phenanthrene	12.13	178	44550	2.42	ng	96
74) Fluoranthene	13.37	202	90146	4.55	ng	98
77) Pyrene	13.62	202	81615	4.27	ng	96
80) Benzo(a)anthracene	15.01	228	45583m	2.51	ng	
82) Chrysene	15.04	228	41148m	2.25	ng	
83) Bis(2-ethylhexyl)phthalate	14.96	149	28168m	5.63	ng	
87) Benzo(b)fluoranthene	16.38	252	56662m	3.41	ng	
89) Benzo(a)pyrene	16.87	252	38861m	2.39	ng	

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

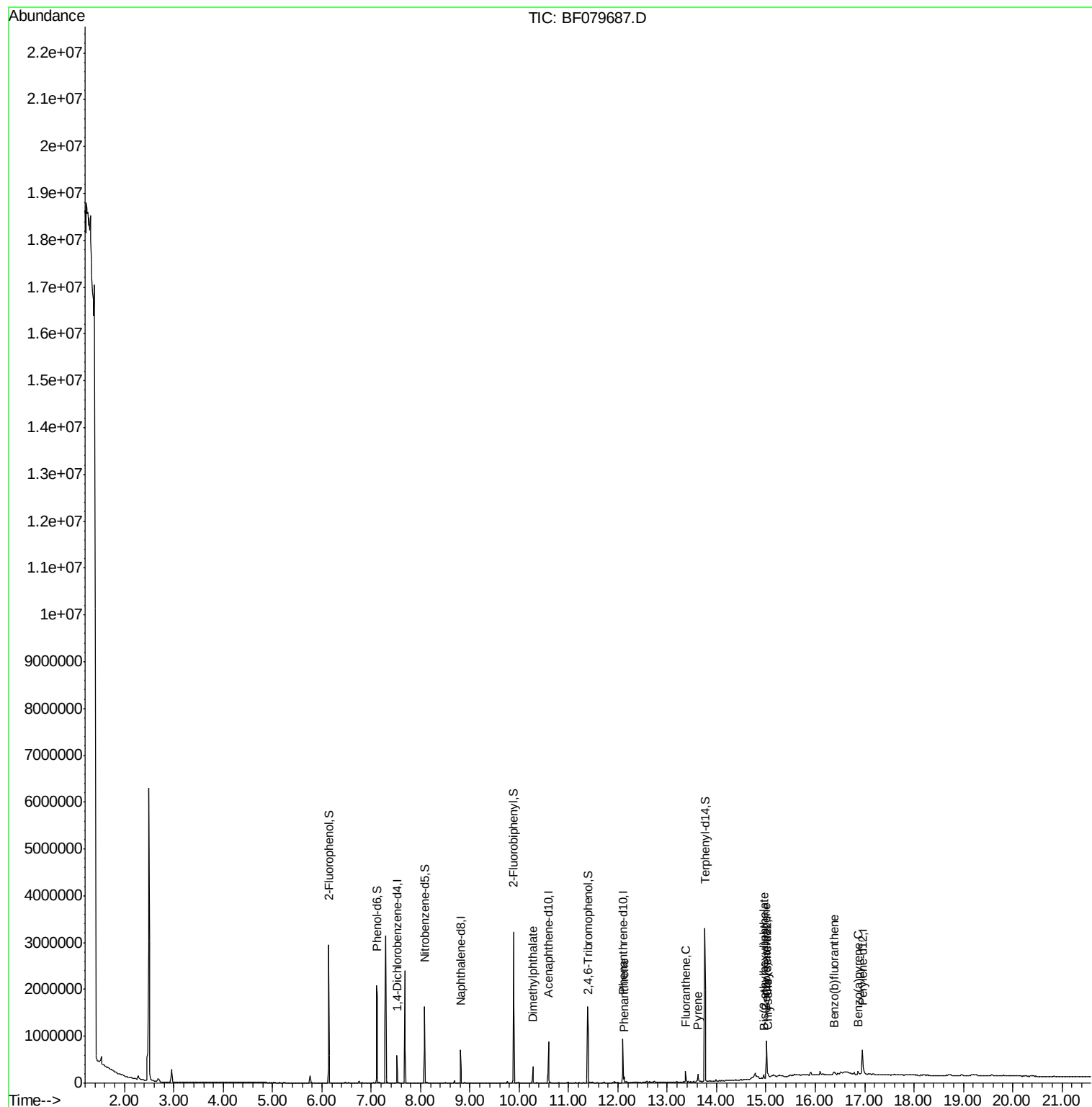
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079687.D
Acq On : 4 Jun 2015 4:57
Operator : TP/IZ
Sample : G2408-26
Misc :
ALS Vial : 33 Sample Multiplier: 1

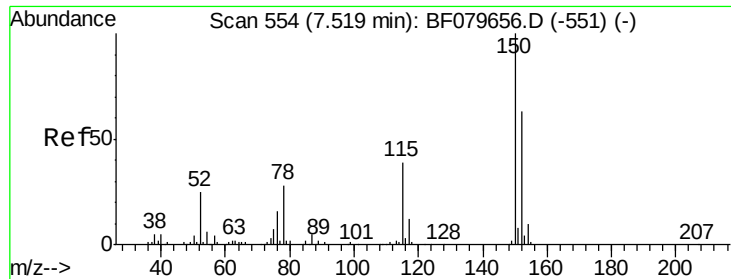
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 04 05:47:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 15:20:47 2015
Response via : Initial Calibration





#1

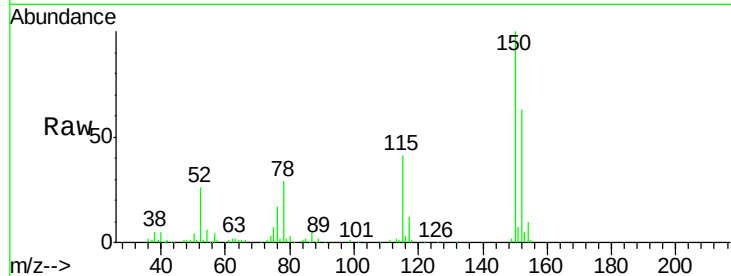
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Instrument :
BNA_F
ClientSampleId :
SB-14S

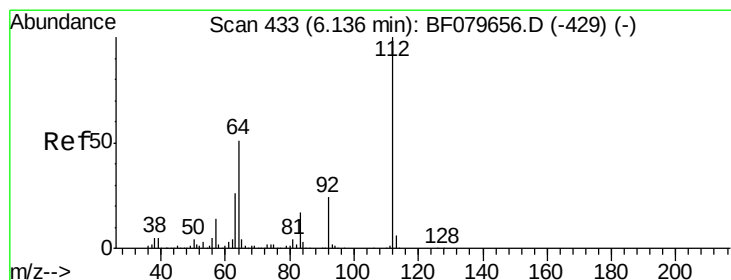
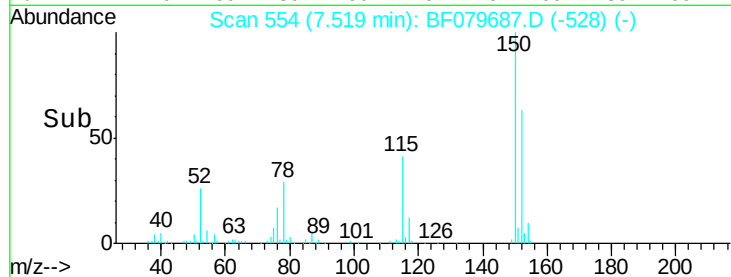
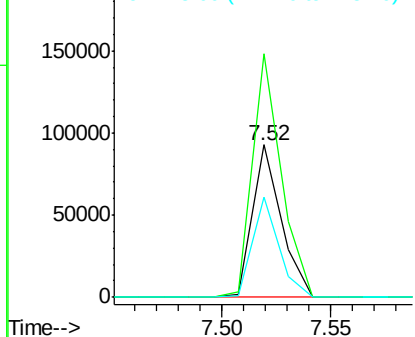
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.7	190.1
115	65.8	49.2	73.8

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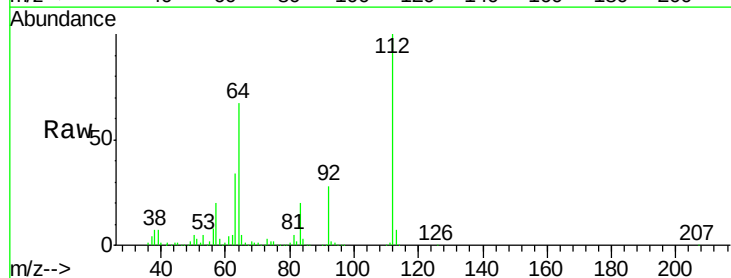
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



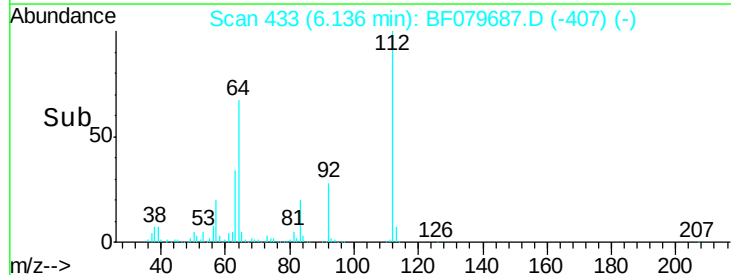
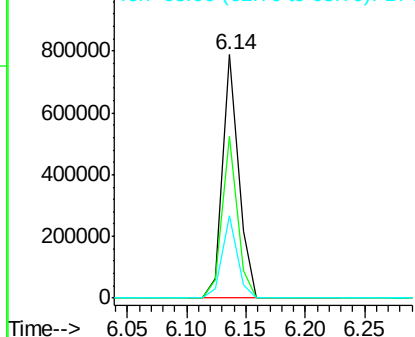
#5

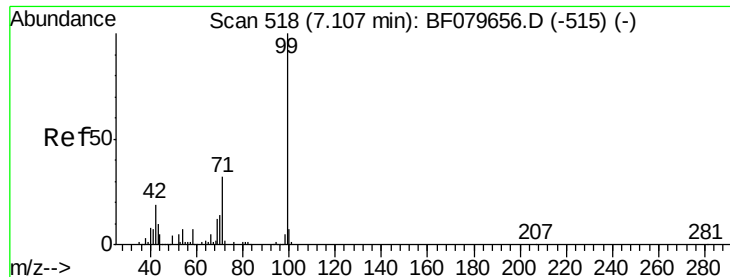
2-Fluorophenol
Concen: 157.05 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	41.1	61.7#
63	33.9	20.5	30.7#



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: 165.76 ng

RT: 7.12 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB-14S

Tot Ion: 99 Resp: 1008874

Ion Ratio Lower Upper

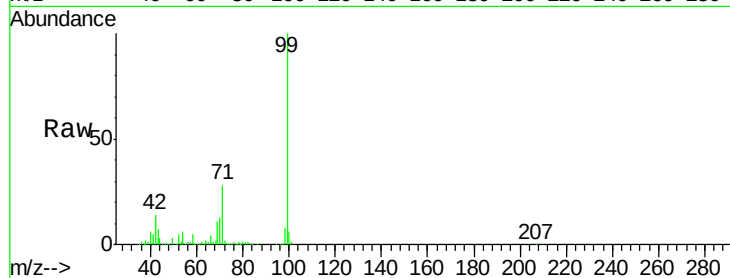
99 100

42 14.0 15.2 22.8#

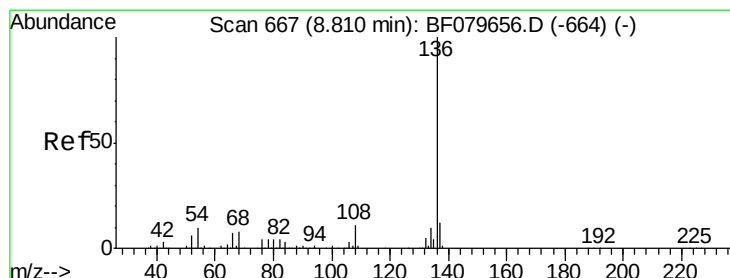
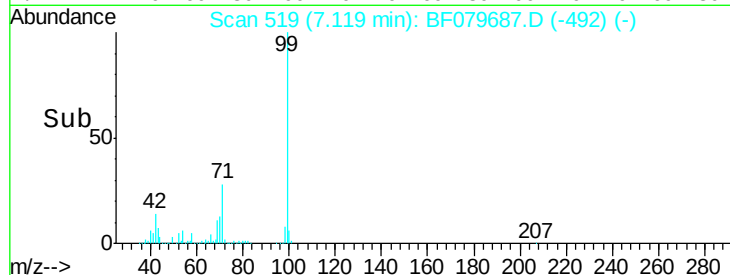
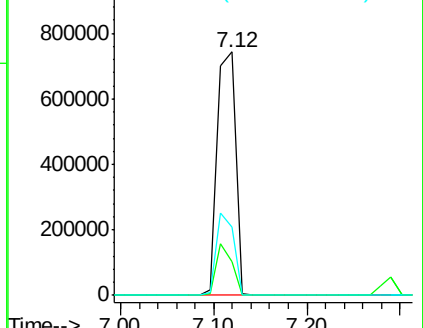
71 28.3 25.9 38.9

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Tgt Ion: 136 Resp: 325598

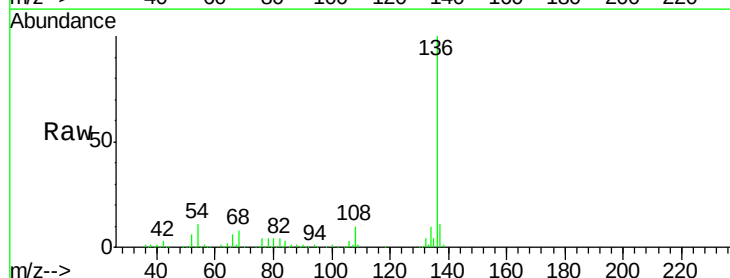
Ion Ratio Lower Upper

136 100

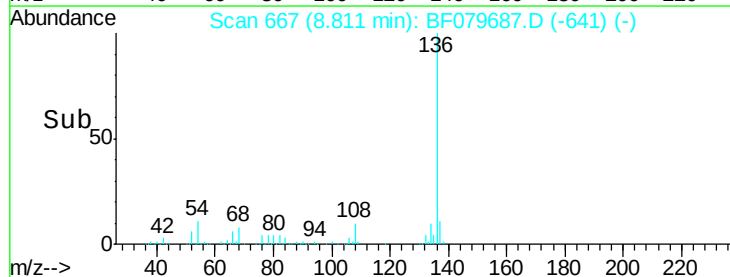
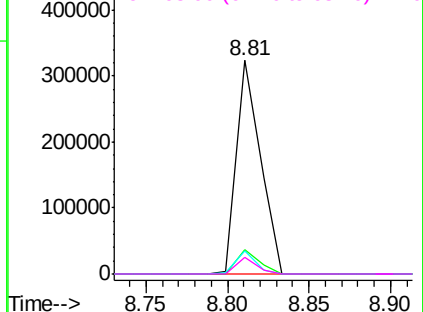
137 11.3 9.3 13.9

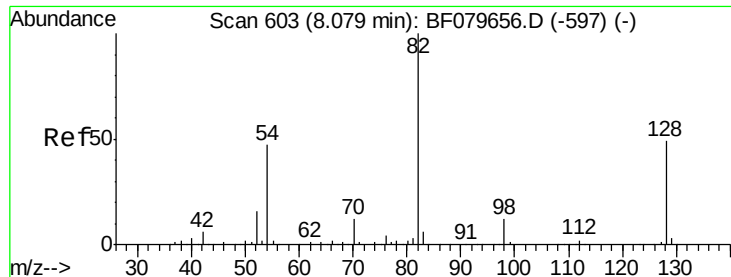
54 10.6 8.3 12.5

68 7.7 6.1 9.1



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 95.77 ng

RT: 8.08 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

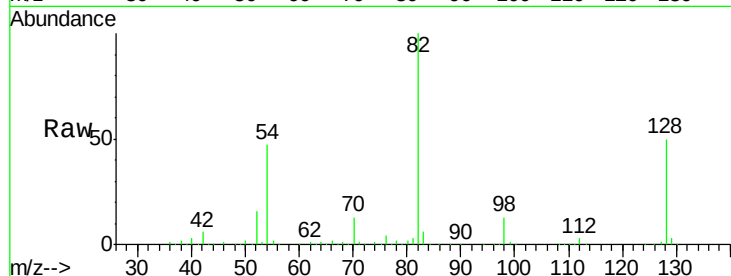
ClientSampled :

SB-14S

Tot Ion:	82	Resp:	544231
Ion Ratio	Lower	Upper	
82	100		
128	49.6	39.4	59.0
54	47.0	37.4	56.0

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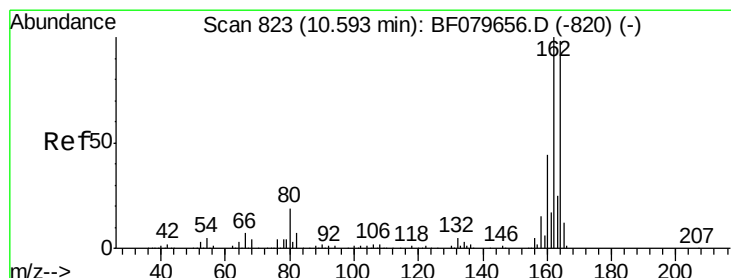
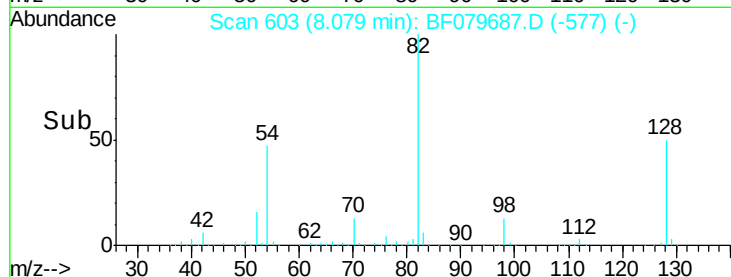
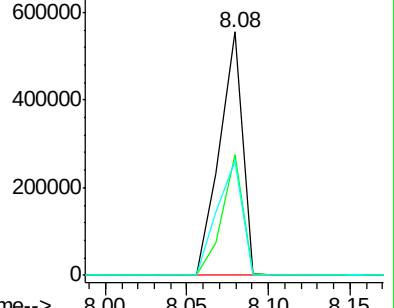
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Abundance Ion 82.00 (81.70 to 82.70): BF079656.D (-597) (-)

Ion 128.00 (127.70 to 128.70): BF079656.D (-597) (-)

Ion 54.00 (53.70 to 54.70): BF079656.D (-597) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

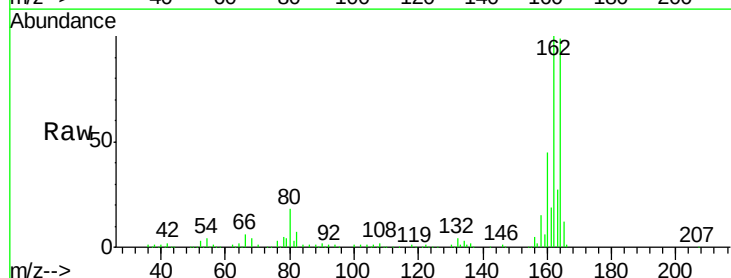
RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

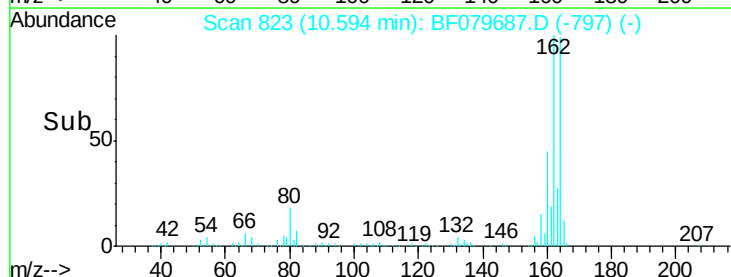
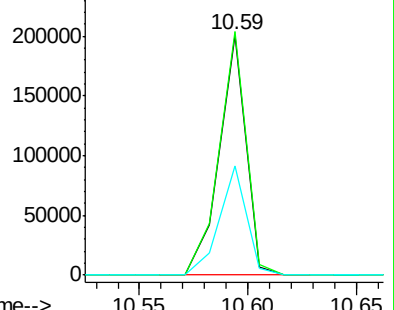
Tgt Ion:	164	Resp:	171765
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.0	123.0
160	45.7	35.9	53.9

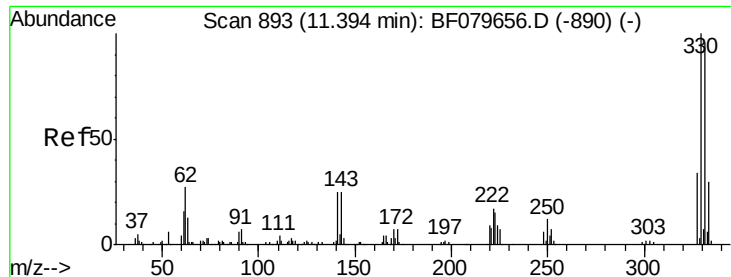


Abundance Ion 164.00 (163.70 to 164.70): BF079656.D (-820) (-)

Ion 162.00 (161.70 to 162.70): BF079656.D (-820) (-)

Ion 160.00 (159.70 to 160.70): BF079656.D (-820) (-)





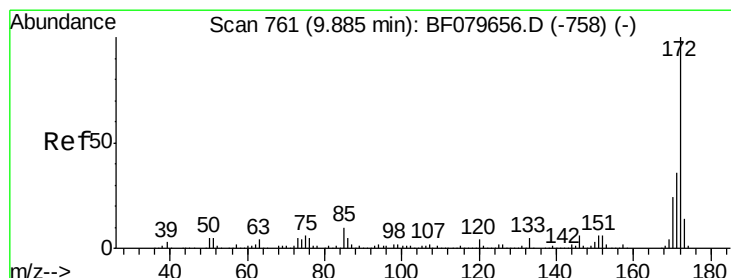
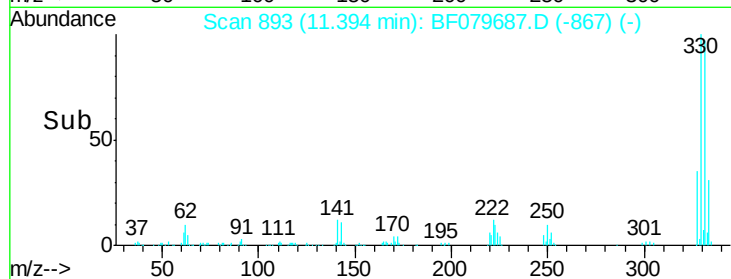
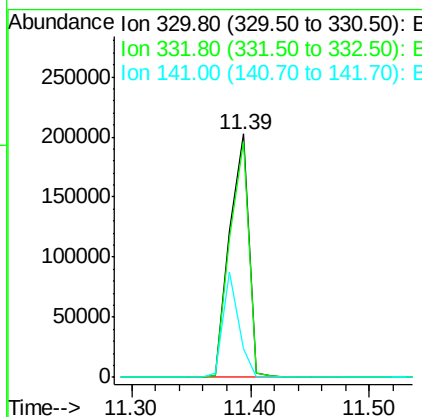
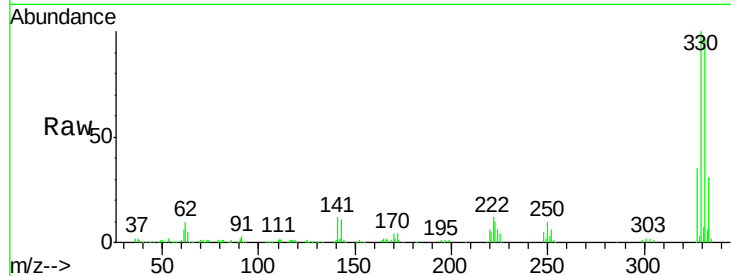
#41
 2,4,6-Tribromophenol
 Concen: 159.95 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Instrument :
 BNA_F
 ClientSampled :
 SB-14S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226752		
332	96.2		77.3	115.9
141	34.8		27.4	41.2

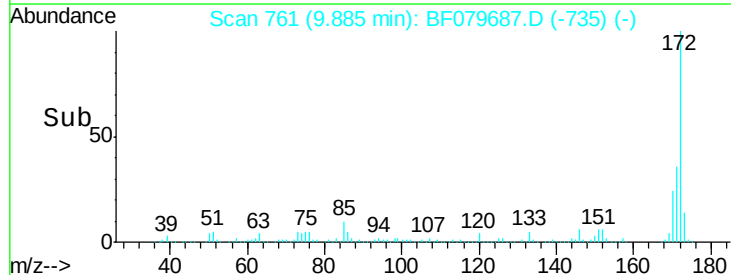
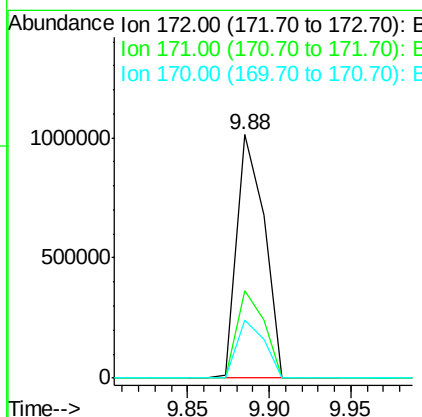
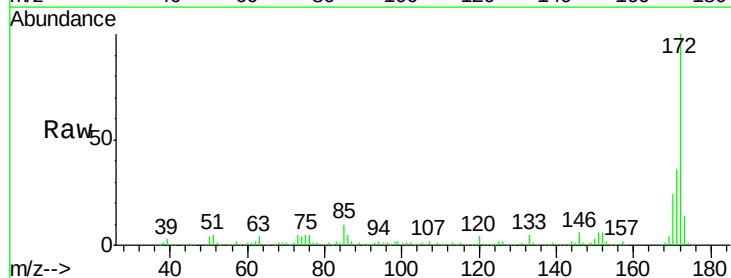
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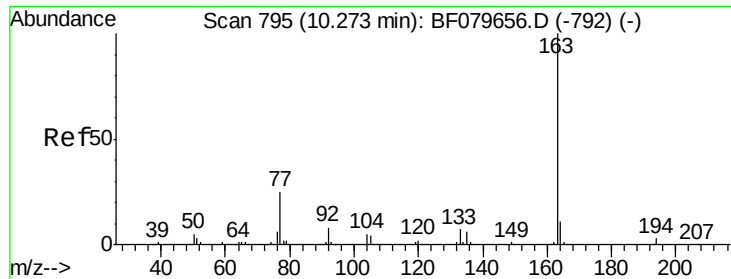
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#44
 2-Fluorobiphenyl
 Concen: 104.53 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1168790		
171	35.7		28.8	43.2
170	24.0		19.2	28.8





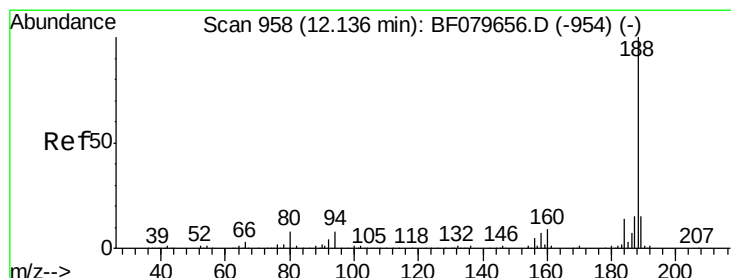
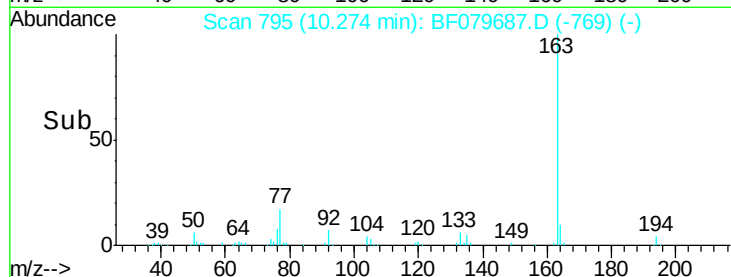
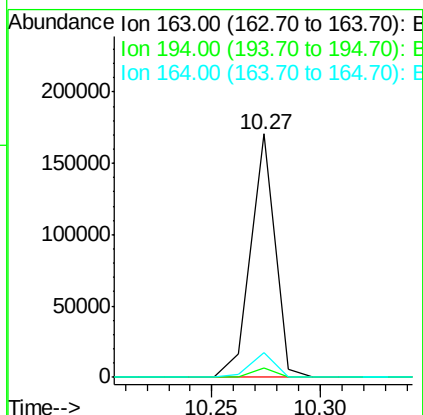
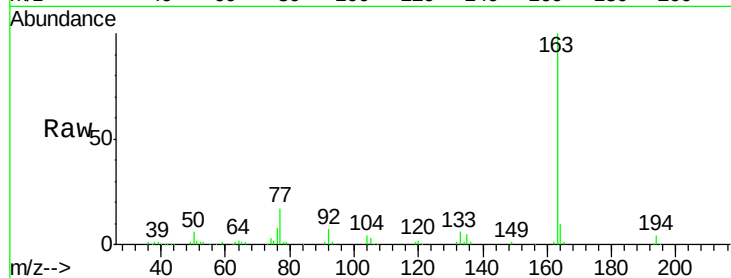
#49
Dimethylphthalate
Concen: 10.53 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Instrument :
BNA_F
ClientSampleId :
SB-14S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	132517		
194	3.6		2.6	3.8
164	10.1		8.6	12.8

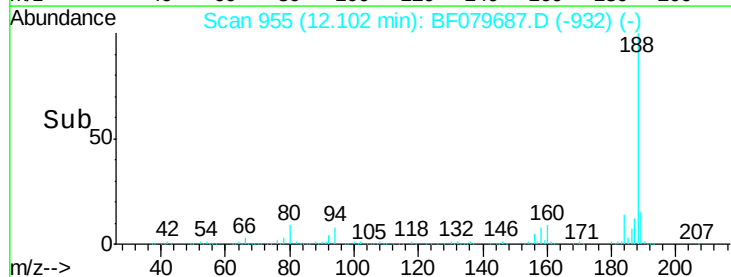
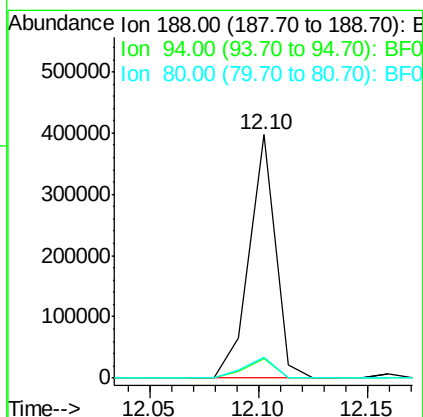
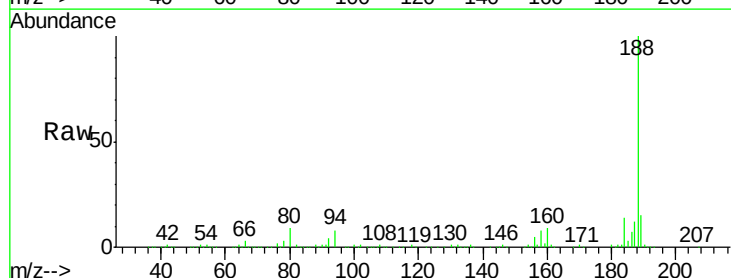
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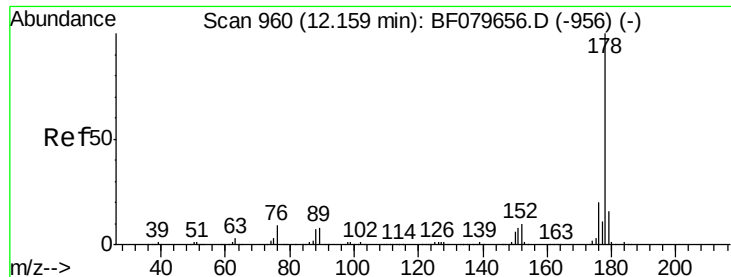
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	332666		
94	8.1		6.1	9.1
80	8.7		6.2	9.2





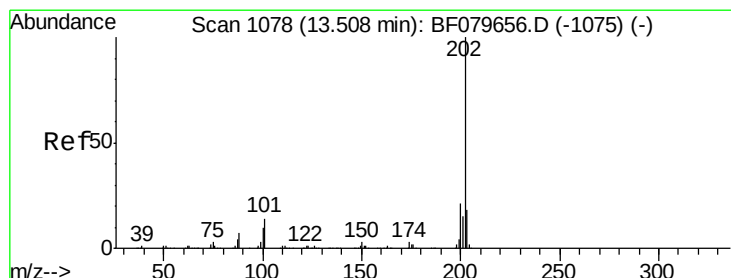
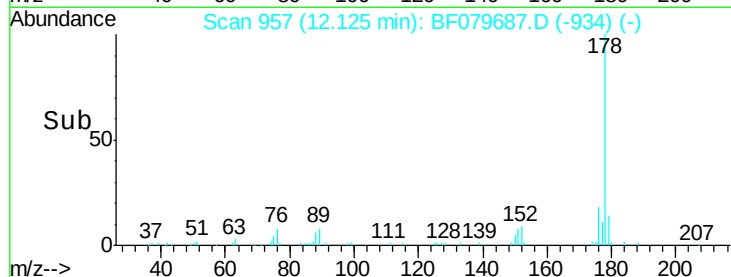
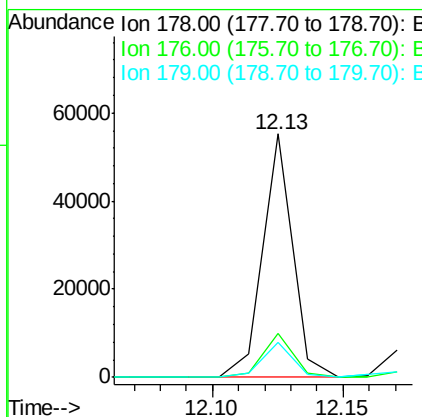
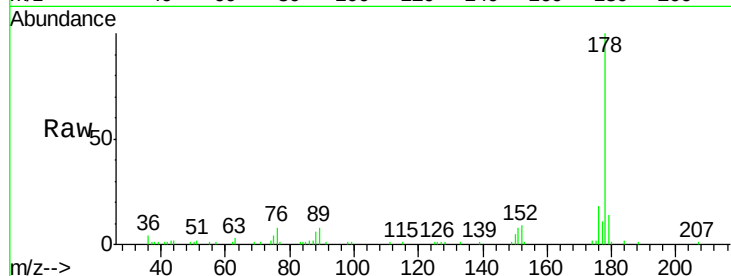
#70
Phenanthrene
Concen: 2.42 ng
RT: 12.13 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Instrument :
BNA_F
ClientSampleId :
SB-14S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	14.2	12.7	19.1

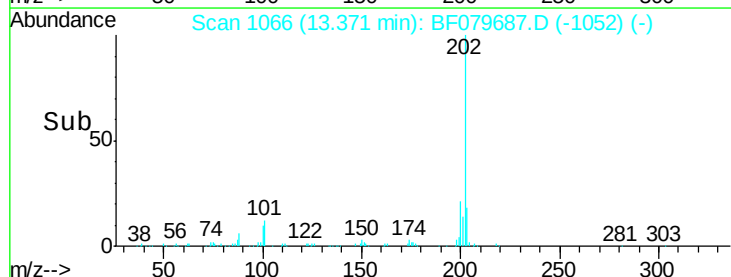
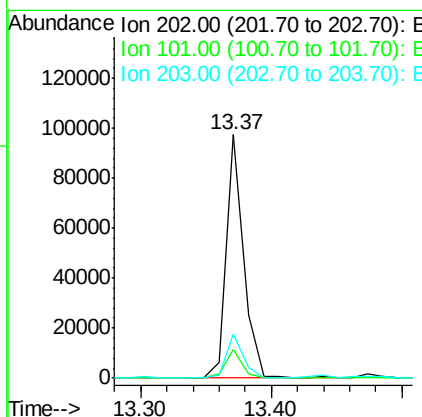
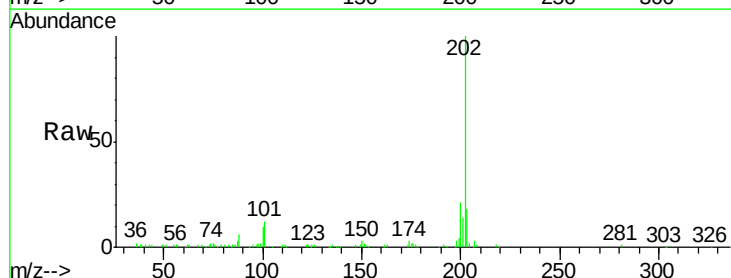
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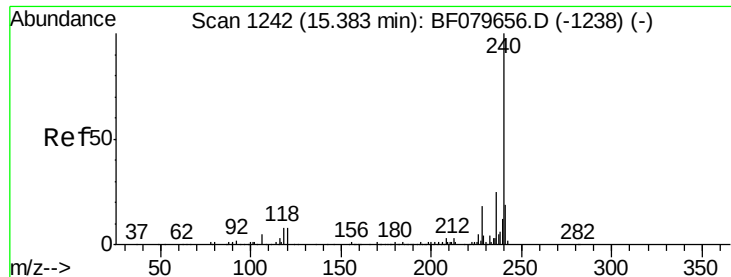
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#74
Fluoranthene
Concen: 4.55 ng
RT: 13.37 min Scan# 1066
Delta R.T. -0.14 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.0
203	18.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng/mL

RT: 15.02 min Scan# 1210

Delta R.T. -0.37 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Instrument :

BNA_F

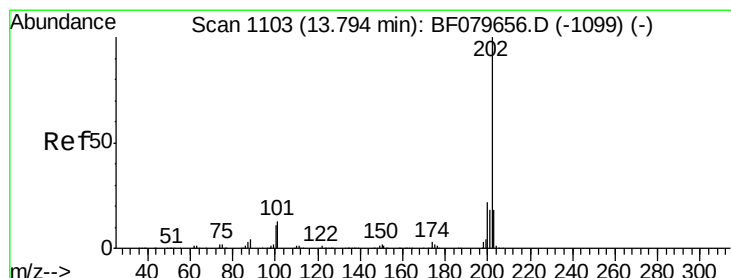
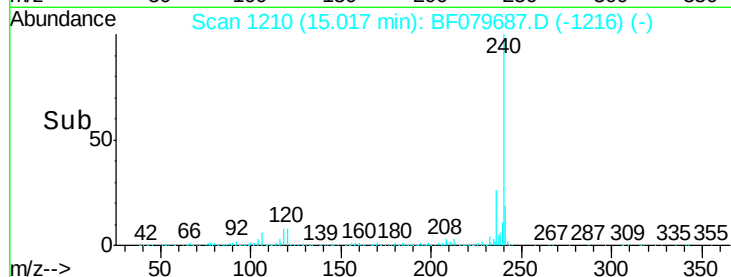
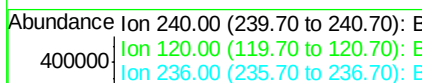
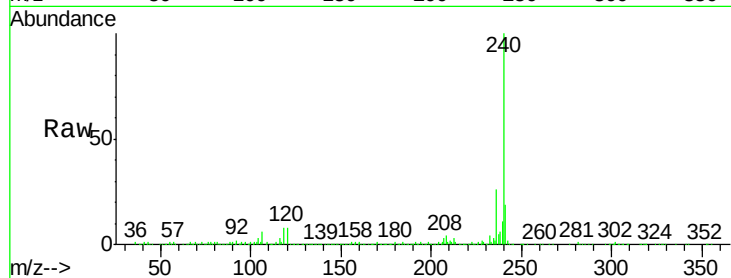
ClientSampleId :

SB-14S

Tot Ion:	240	Resp:	331780
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.4	9.6
236	25.7	20.2	30.4

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#77

Pyrene

Concen: 4.27 ng

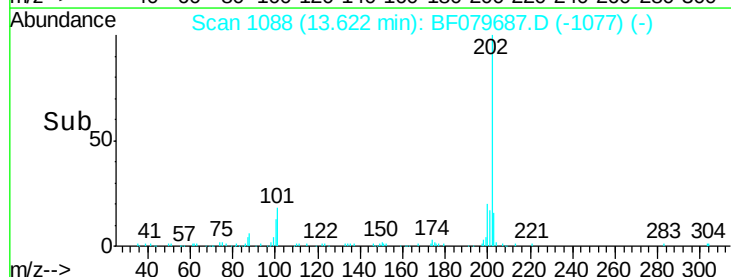
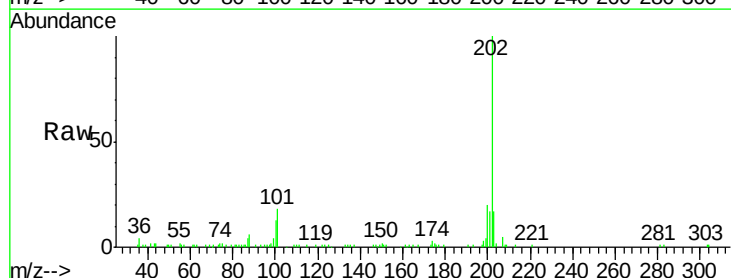
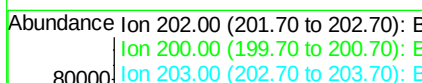
RT: 13.62 min Scan# 1088

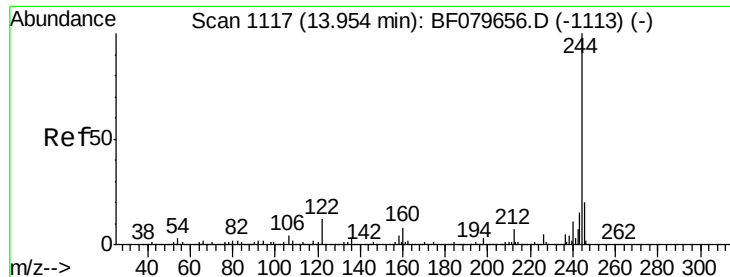
Delta R.T. -0.17 min

Lab File: BF079687.D

Acq: 4 Jun 2015 4:57

Tgt Ion:	202	Resp:	81615
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.0
203	16.6	14.5	21.7





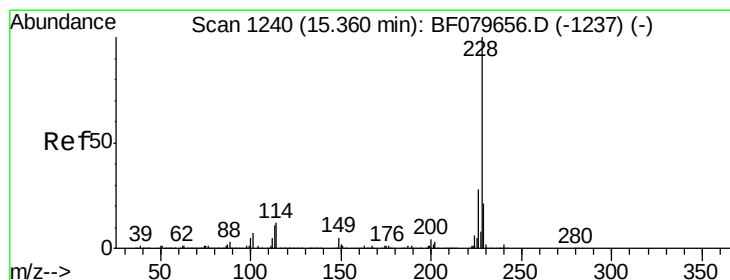
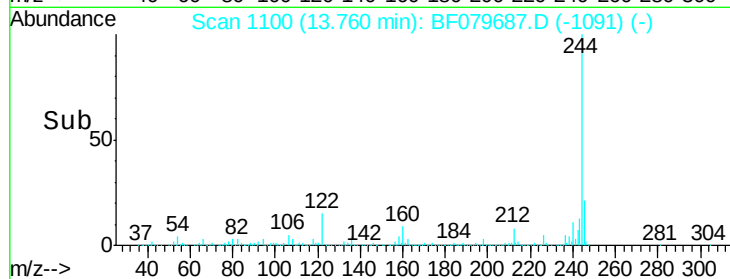
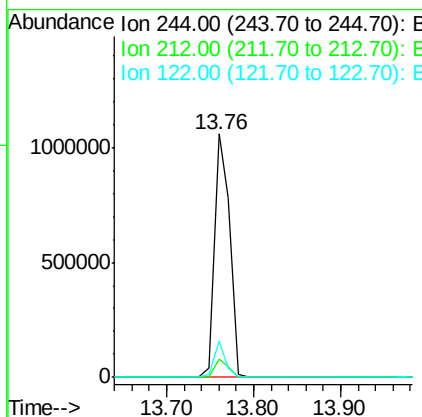
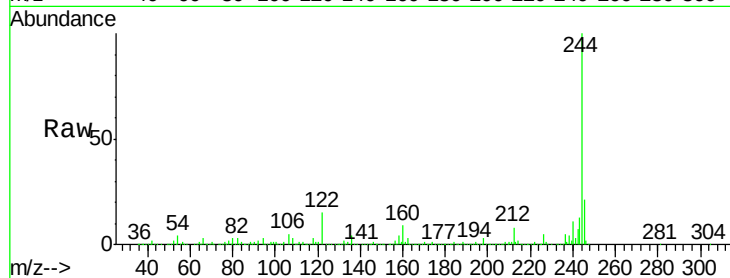
#78
 Terphenyl-d14
 Concen: 100.58 ng
 RT: 13.76 min Scan# 1100
 Delta R.T. -0.19 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-14S

Tot Ion:244 Resp: 1304027
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 14.9 9.8 14.6#

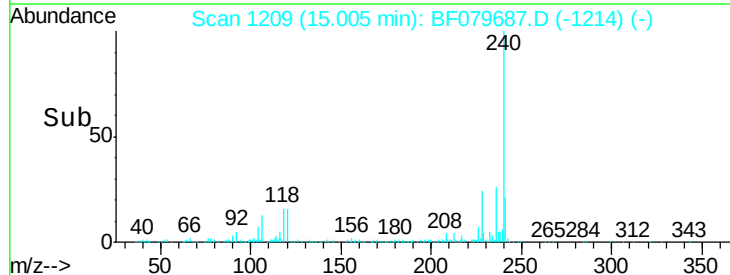
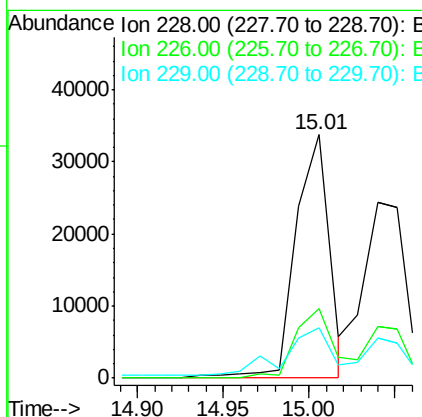
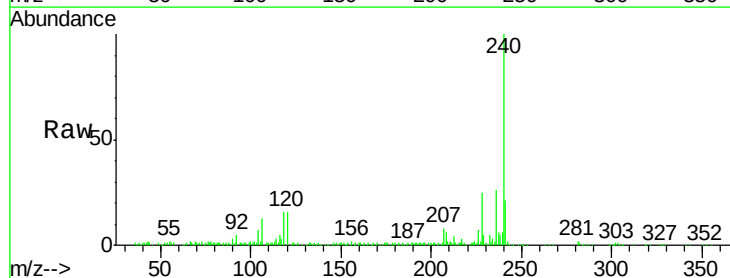
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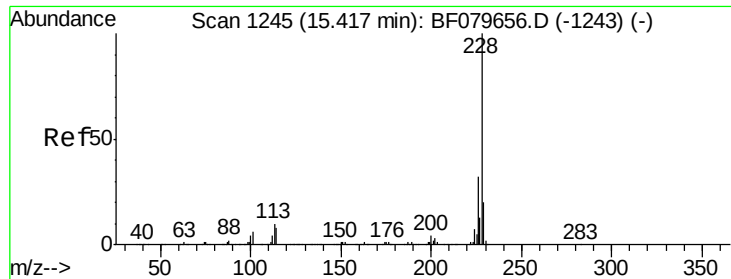
apatel
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#80
 Benzo(a)anthracene
 Concen: 2.51 ng m
 RT: 15.01 min Scan# 1209
 Delta R.T. -0.35 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Tgt Ion:228 Resp: 45583
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.5 33.7
 229 20.5 16.6 24.8





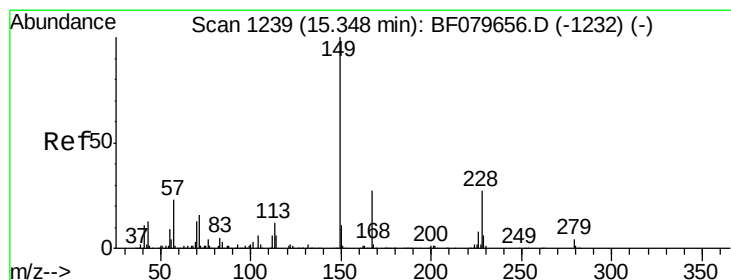
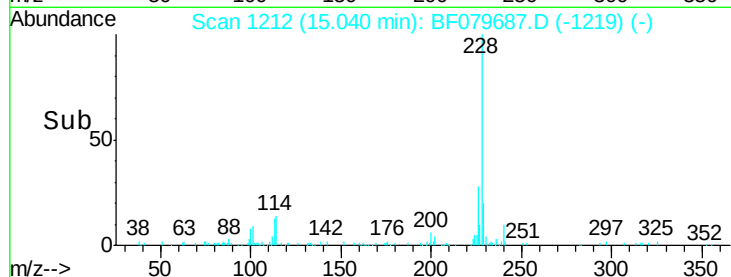
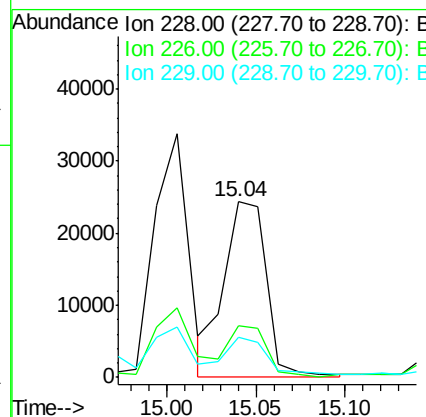
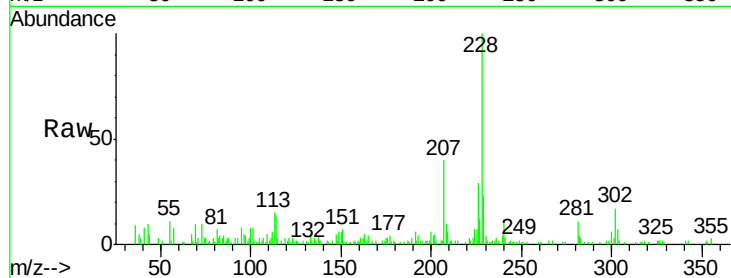
#82
 Chrysene
 Concen: 2.25 ng m
 RT: 15.04 min Scan# 1212
 Delta R.T. -0.38 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-14S

Tot Ion:	228	Resp:	41148
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.2	37.8
229	22.7	16.3	24.5

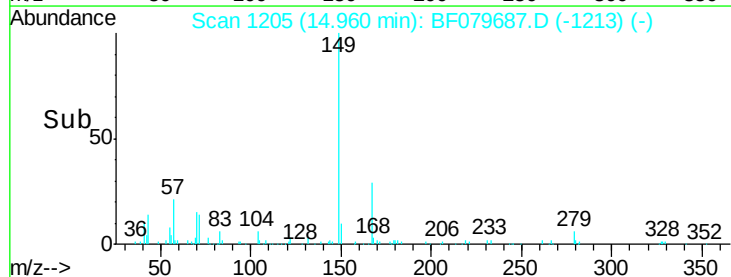
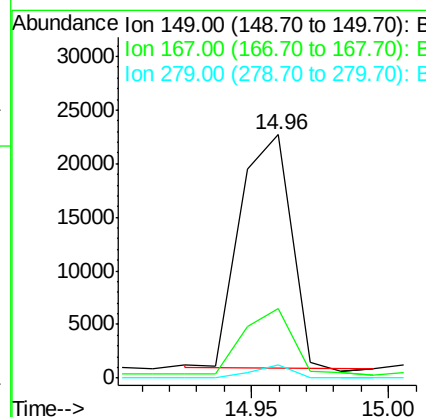
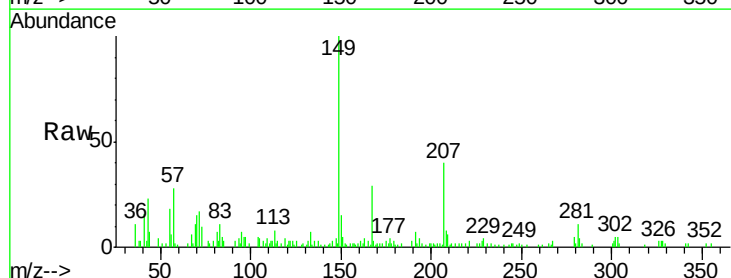
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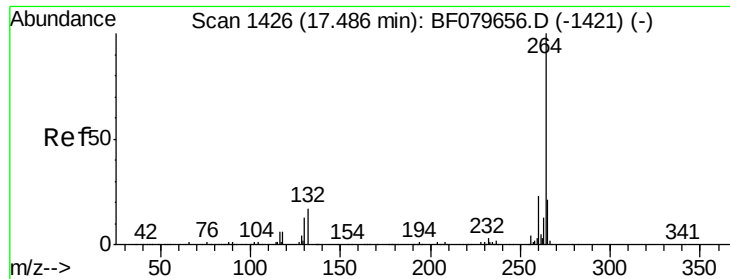
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.63 ng m
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.39 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Tgt Ion:	149	Resp:	28168
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.6	32.4
279	5.3	3.1	4.7#





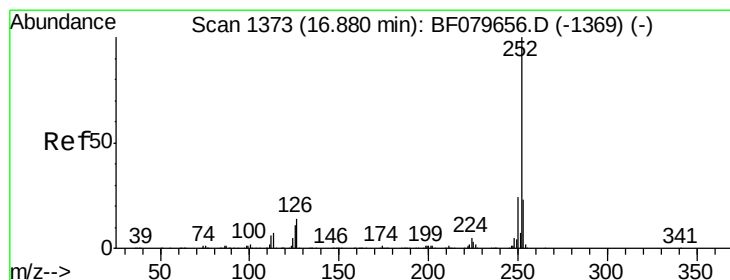
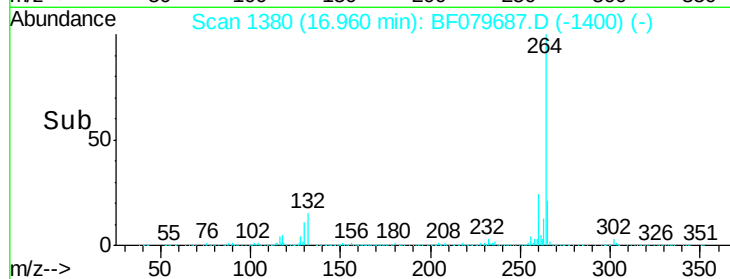
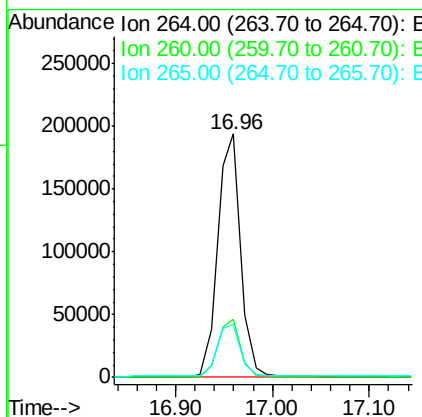
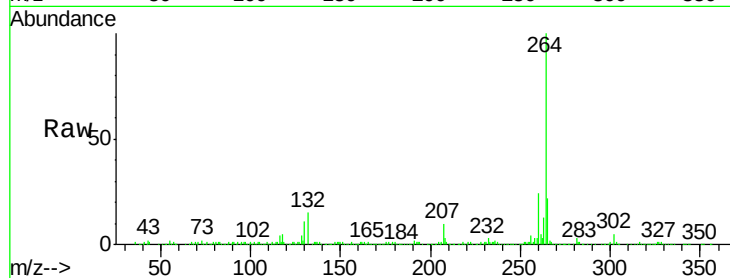
#86
Pervlene-d12
Concen: 20.00 ng/ml
RT: 16.96 min Scan# 1380
Delta R.T. -0.53 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Instrument :
BNA_F
ClientSampled :
SB-14S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.6	17.4	26.0

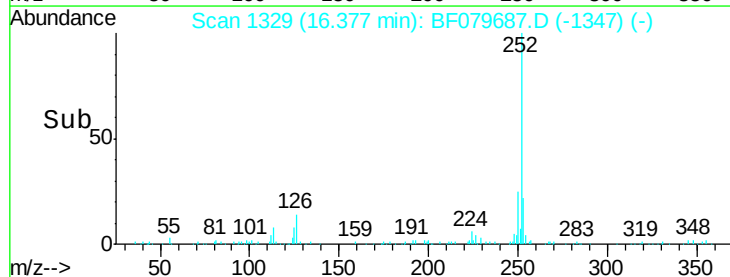
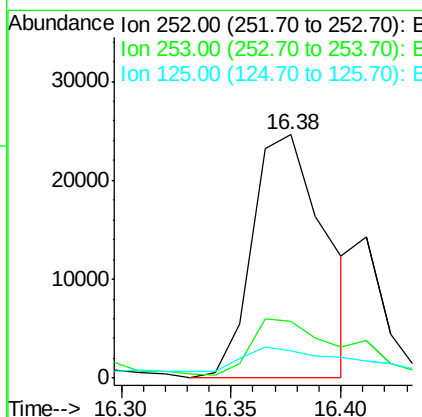
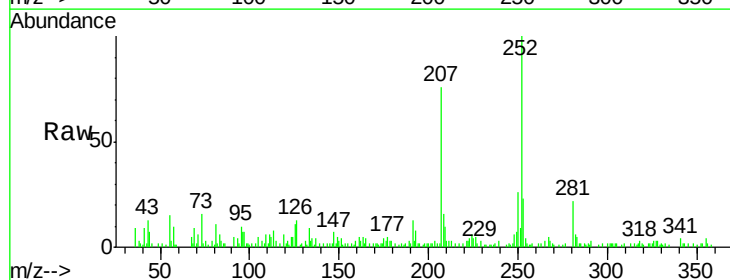
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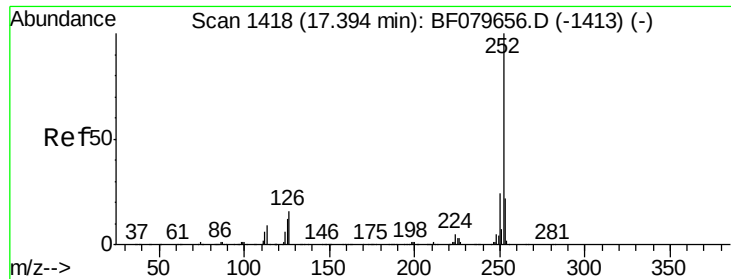
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#87
Benzo(b)fluoranthene
Concen: 3.41 ng/ml
RT: 16.38 min Scan# 1329
Delta R.T. -0.50 min
Lab File: BF079687.D
Acq: 4 Jun 2015 4:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.1	8.7	13.1





#89
 Benzo(a)pyrene
 Concen: 2.39 ng/ml
 RT: 16.87 min Scan# 1372
 Delta R.T. -0.53 min
 Lab File: BF079687.D
 Acq: 4 Jun 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-14S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.8	9.4	14.0

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apatel
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