

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078962.D
 Acq On : 6 May 2015 16:05
 Operator : TP/IZ
 Sample : G2116-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

Manual Integrations
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Quant Time: May 07 01:52:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	72902	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	305614	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	142444	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	291221	20.00	ng	0.00
75) Chrysene-d12	16.30	240	319603	20.00	ng	-0.01
86) Perylene-d12	18.19	264	342208	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	209683	49.51	ng	0.01
7) Phenol-d6	6.89	99	271176	48.44	ng	0.00
23) Nitrobenzene-d5	8.03	82	156006	29.34	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	77508	50.30	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	307174	30.04	ng	0.00
78) Terphenyl-d14	14.95	244	357700	26.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.78	163	26780	2.56	ng	99
70) Phenanthrene	12.97	178	34601	2.12	ng	99
74) Fluoranthene	14.46	202	57353	3.38	ng	94
77) Pyrene	14.74	202	53258	2.89	ng	98
87) Benzo(b)fluoranthene	17.69	252	39438m	2.11	ng	

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

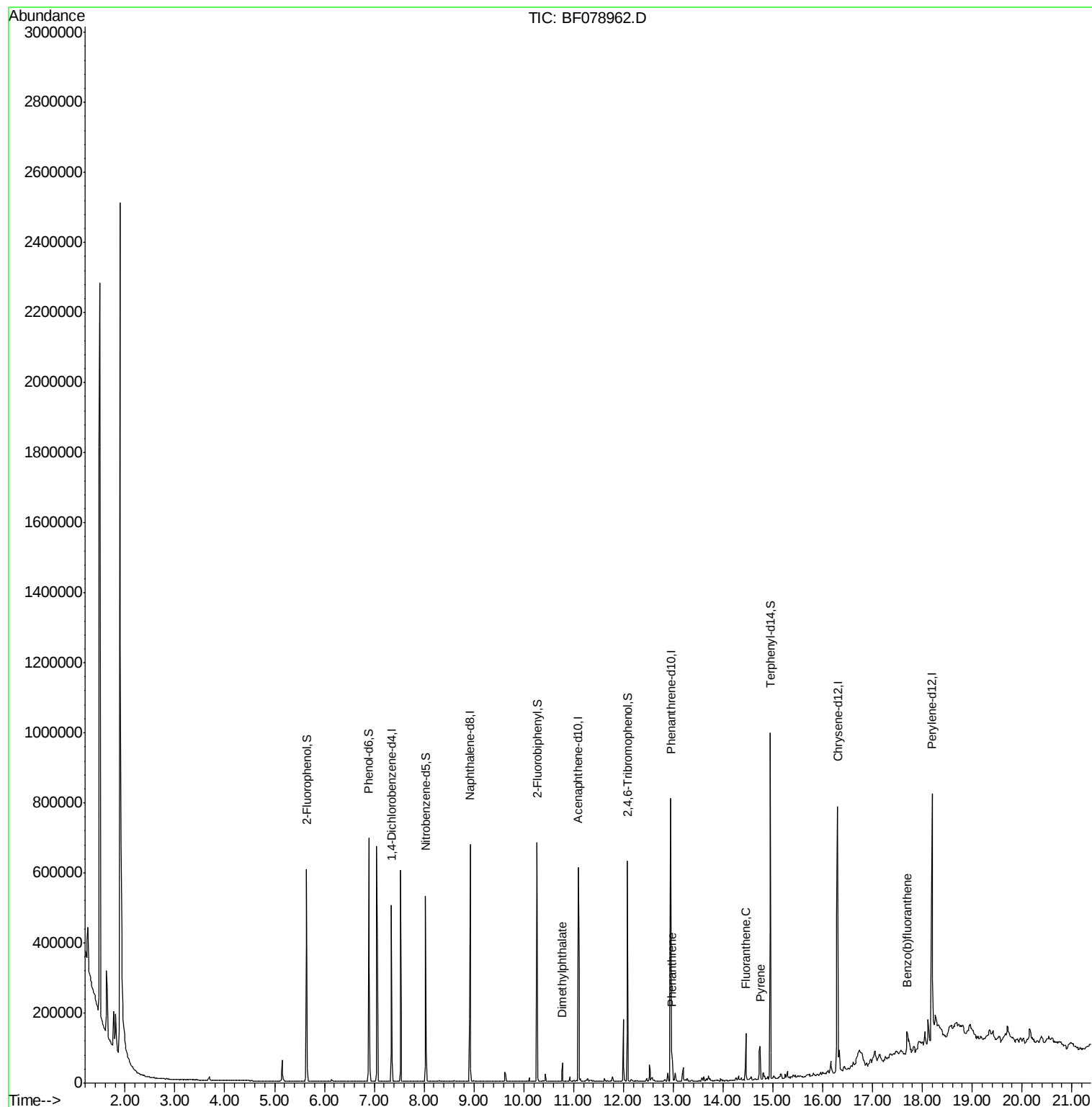
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078962.D
Acq On : 6 May 2015 16:05
Operator : TP/IZ
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QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration





#1

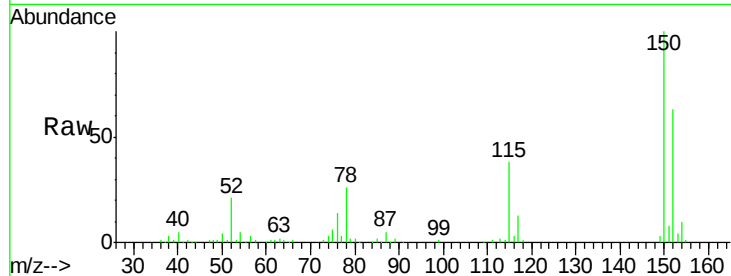
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Instrument :
BNA_F
ClientSampleId :
SB-59BS

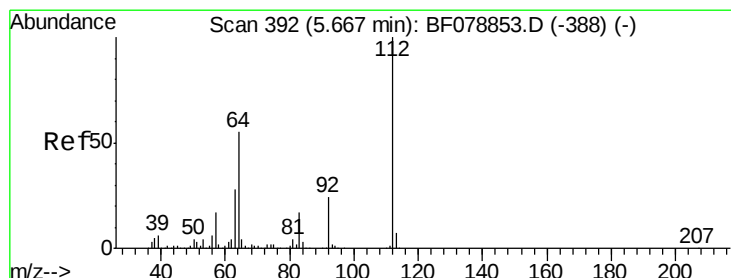
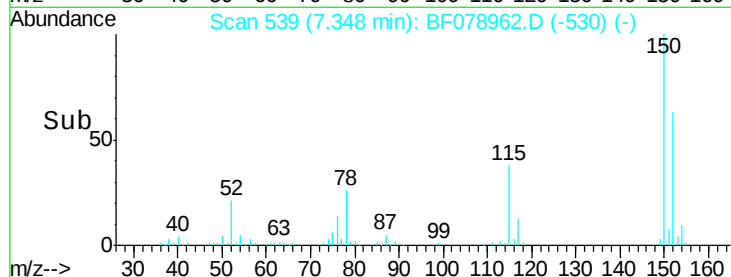
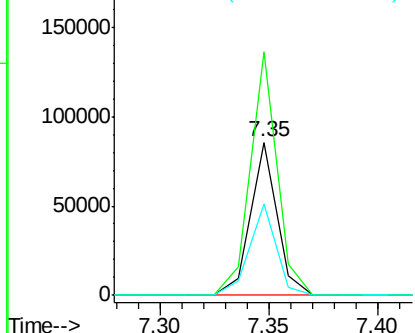
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.0	183.0
115	59.9	46.3	69.5

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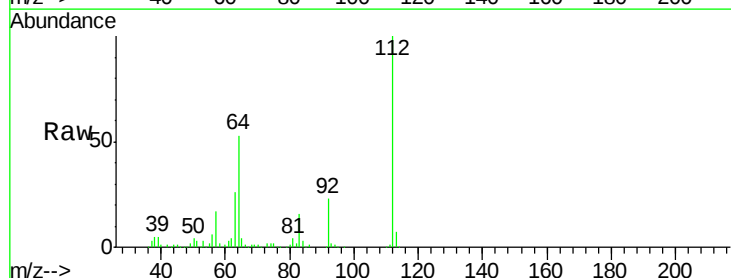
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



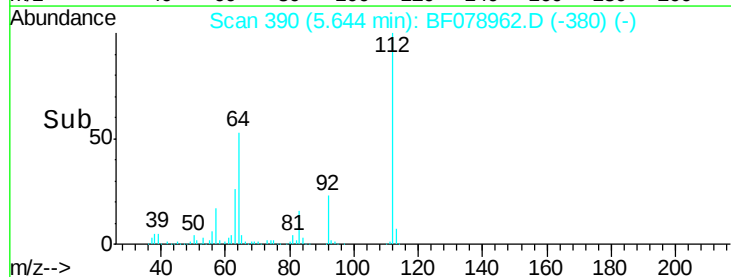
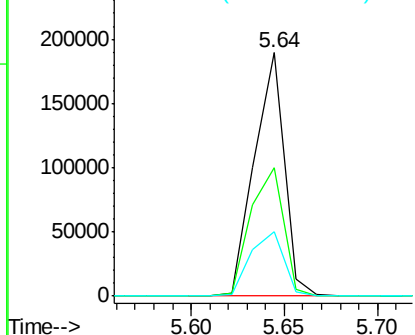
#5

2-Fluorophenol
Concen: 49.51 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	53.5	80.3#
63	26.4	27.5	41.3#



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: 48.44 ng

RT: 6.89 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Instrument :

BNA_F

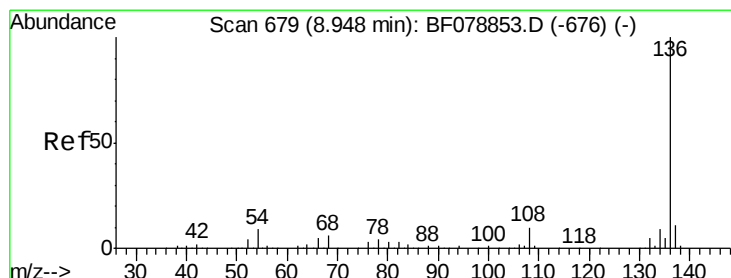
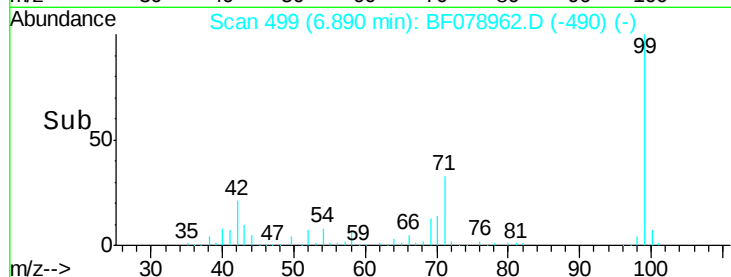
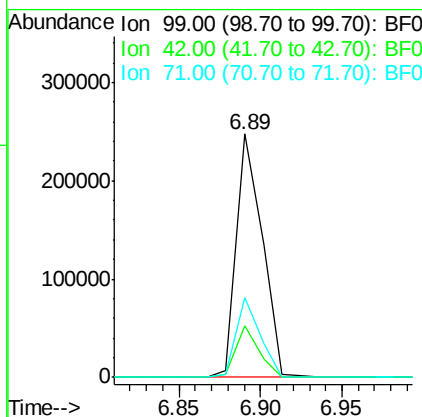
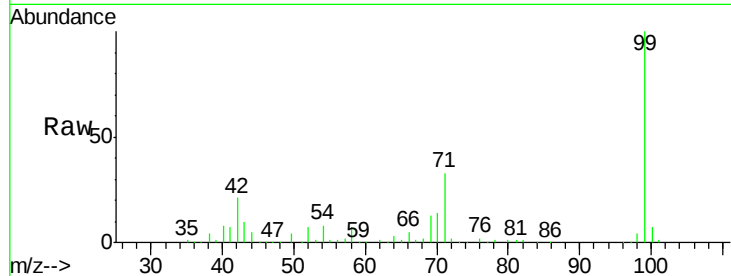
ClientSampleId :

SB-59BS

Tot Ion:	99	Resp:	271176
Ion Ratio	Lower	Upper	
99	100		
42	21.0	12.8	19.2#
71	32.9	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

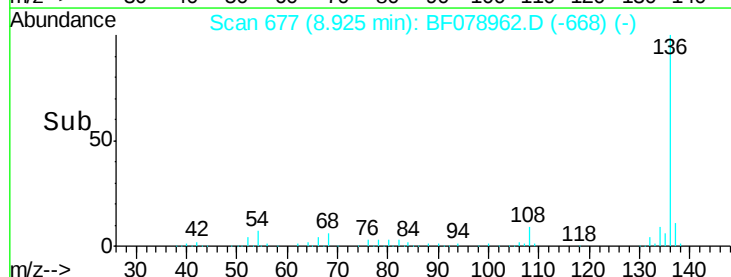
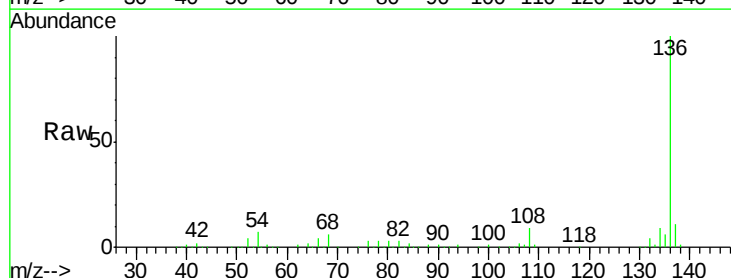
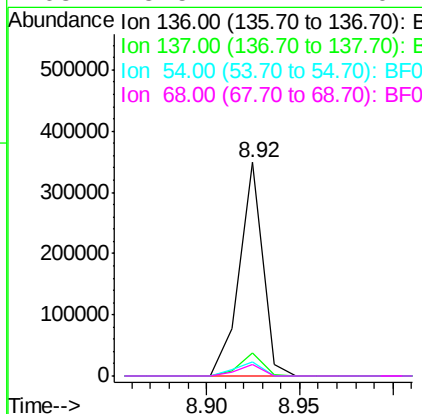
RT: 8.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Tgt Ion:	136	Resp:	305614
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	6.9	5.8	8.8
68	5.5	4.2	6.4





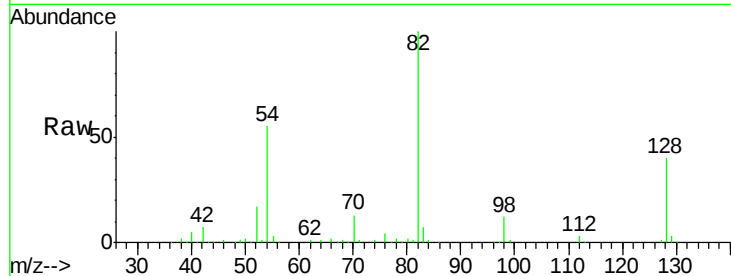
#23
 Nitrobenzene-d5
 Concen: 29.34 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

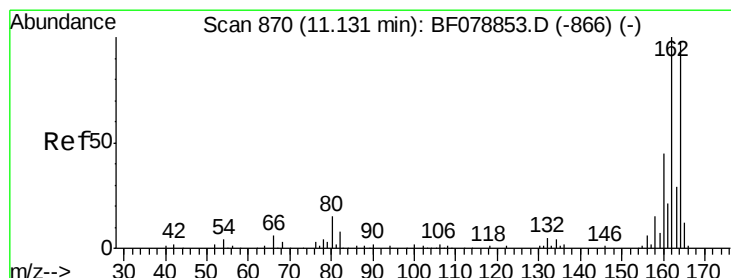
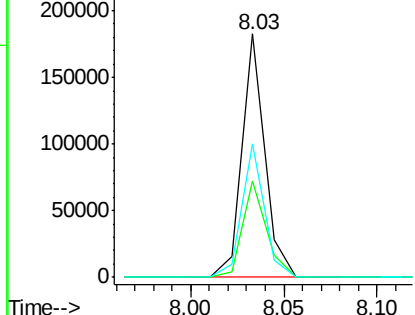
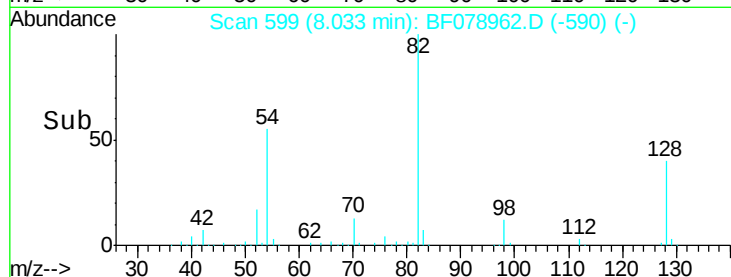
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	30.0	45.0	
54	54.8	46.4	69.6	

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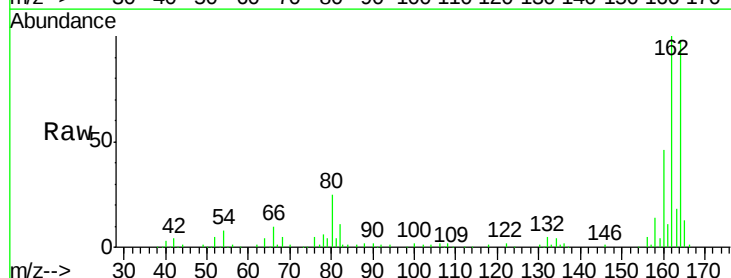


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

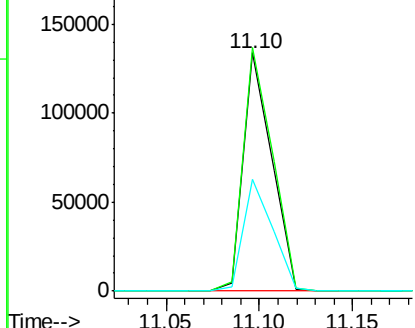
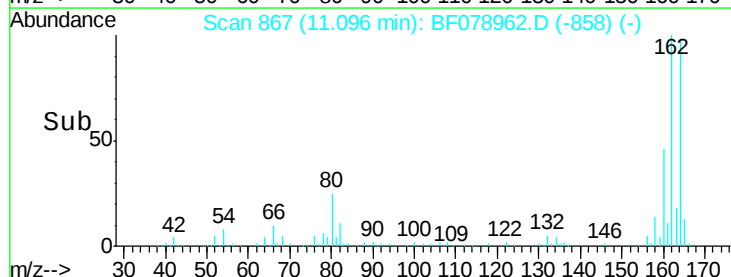


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	82.7	124.1	
160	46.7	35.8	53.8	



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





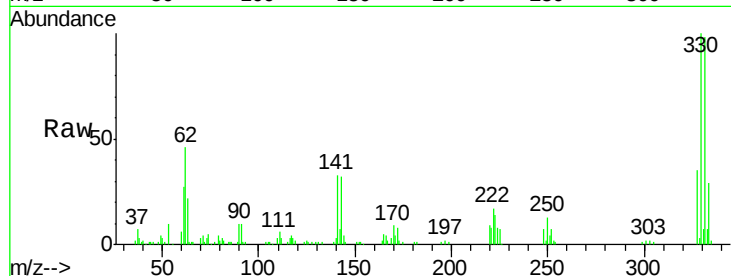
#41
 2,4,6-Tribromophenol
 Concen: 50.30 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

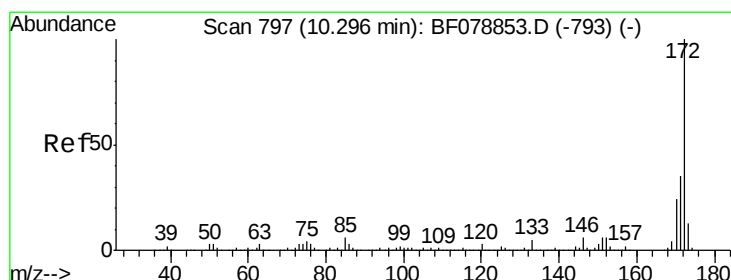
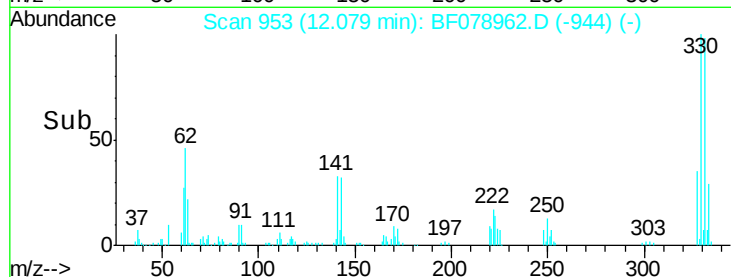
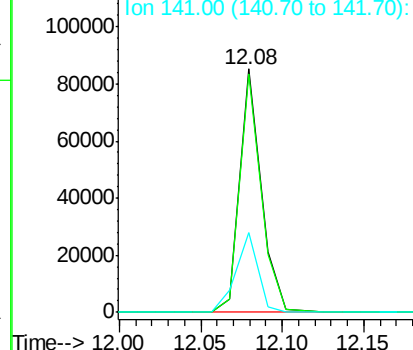
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	0.0	0.0	0.0
141	33.2	0.0	0.0	0.0

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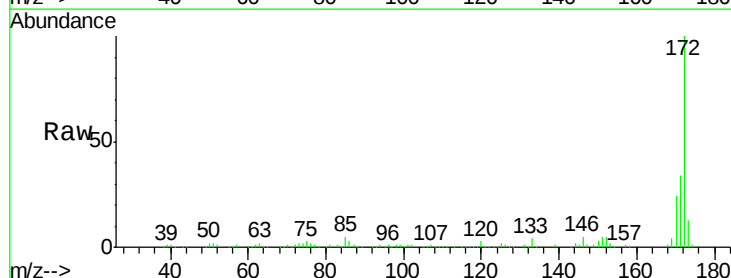


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

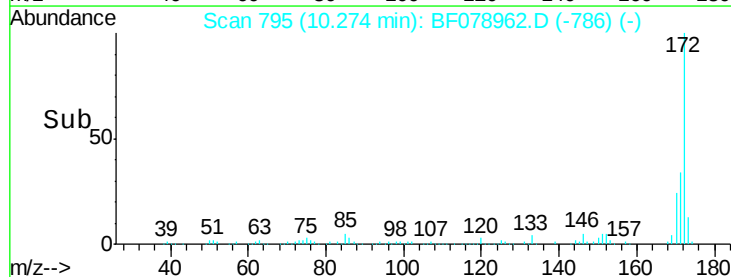
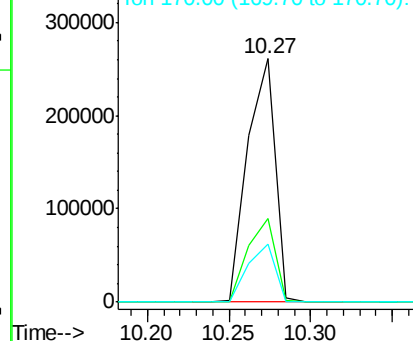


#44
 2-Fluorobiphenyl
 Concen: 30.04 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	27.9	41.9	
170	23.6	19.4	29.0	



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





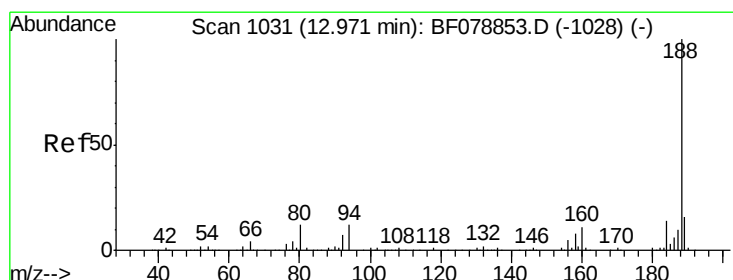
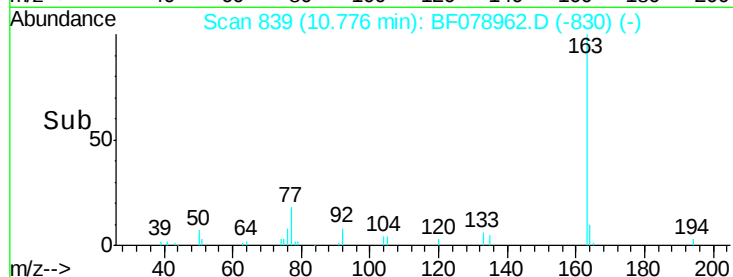
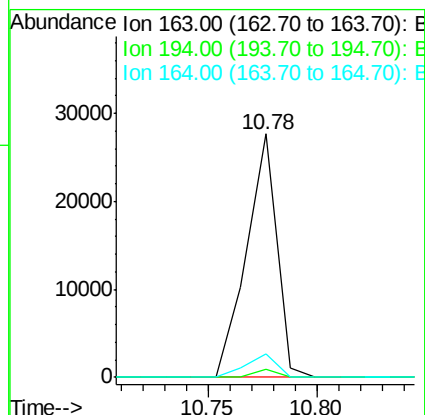
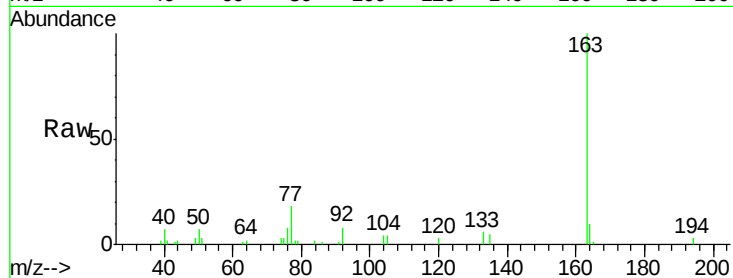
#49
Dimethylphthalate
Concen: 2.56 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Instrument :
BNA_F
ClientSampleId :
SB-59BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	26780		
194	3.3		2.6	4.0
164	9.8		8.1	12.1

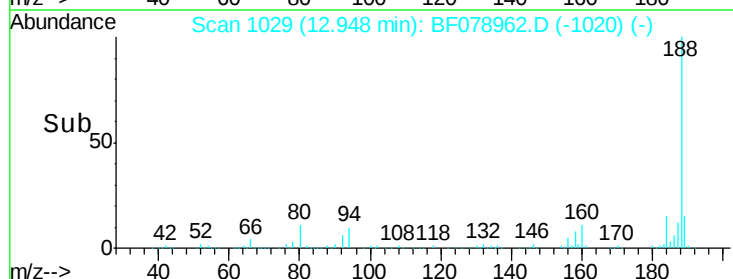
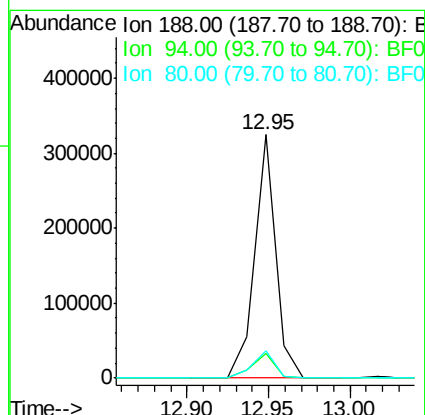
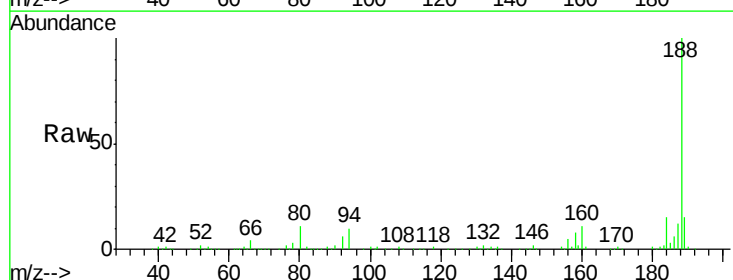
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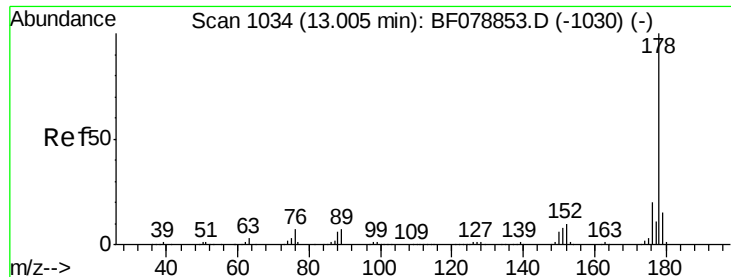
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	291221		
94	10.1		8.2	12.2
80	11.0		8.9	13.3





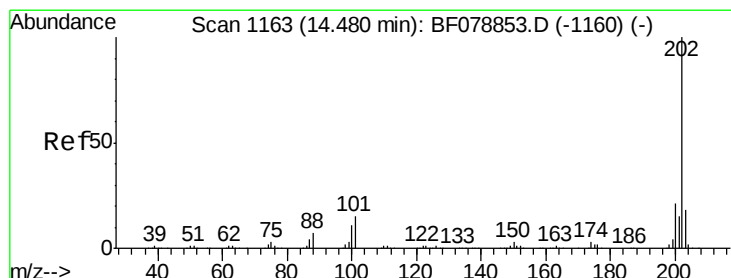
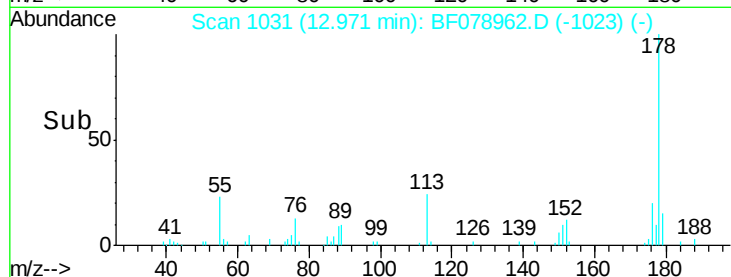
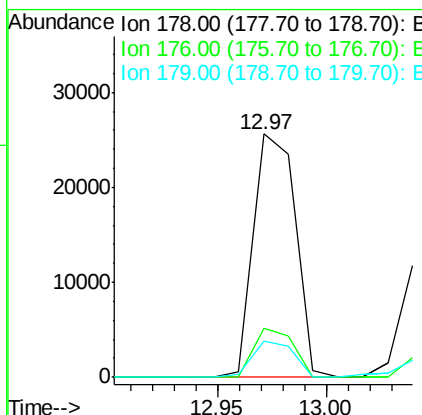
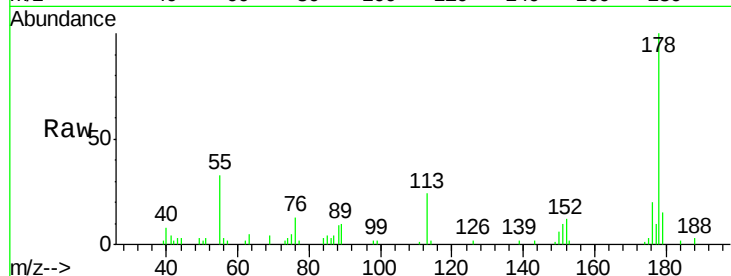
#70
Phenanthrene
Concen: 2.12 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	14.9	12.5	18.7

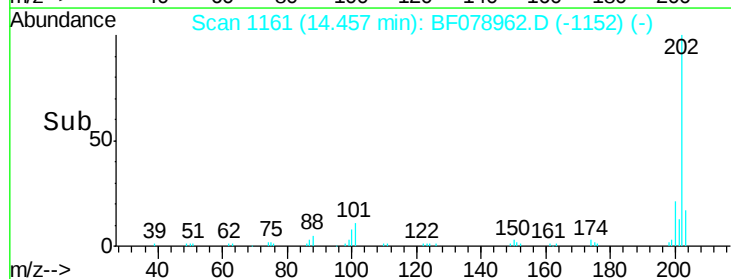
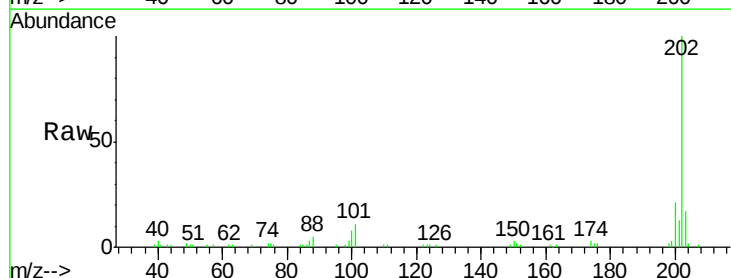
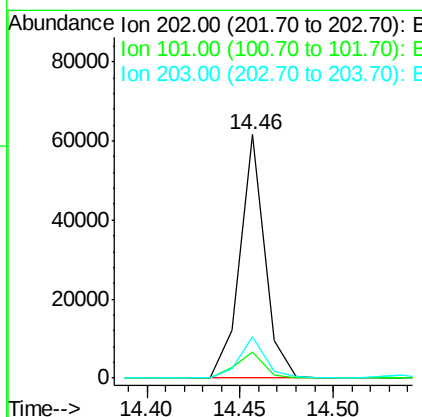
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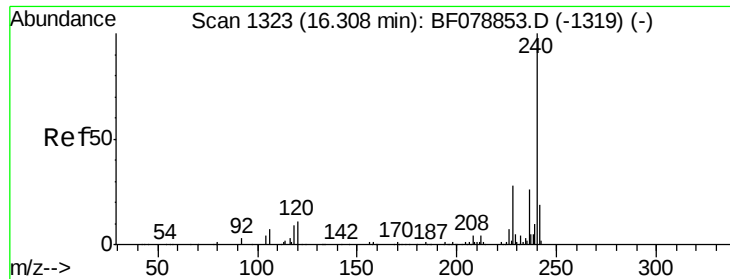
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#74
Fluoranthene
Concen: 3.38 ng
RT: 14.46 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF078962.D
Acq: 6 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.6
203	16.9	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Instrument :

BNA_F

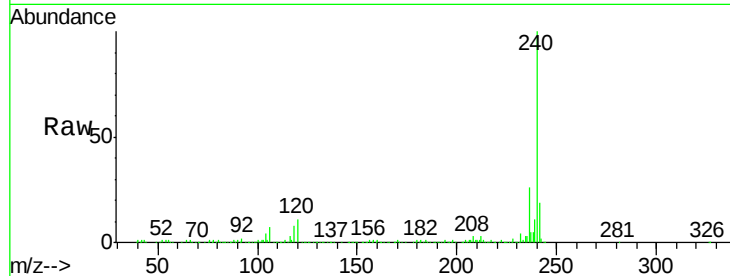
ClientSampleId :

SB-59BS

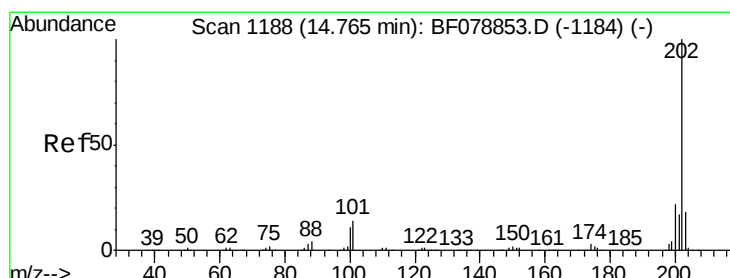
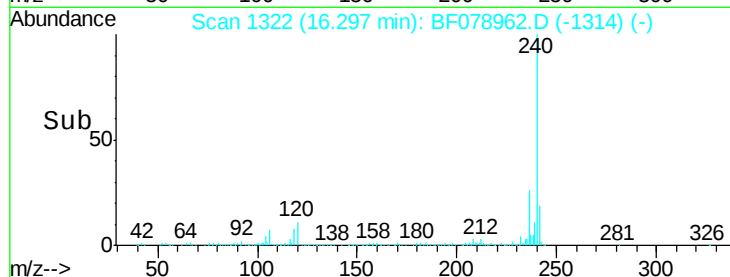
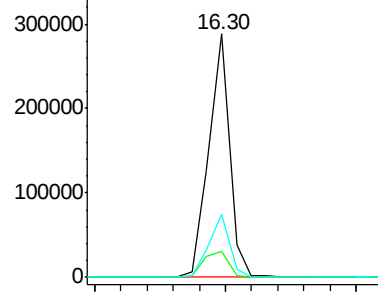
Tot Ion:	240	Resp:	319603
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.7	14.5
236	25.7	20.2	30.4

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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: 2.89 ng

RT: 14.74 min Scan# 1186

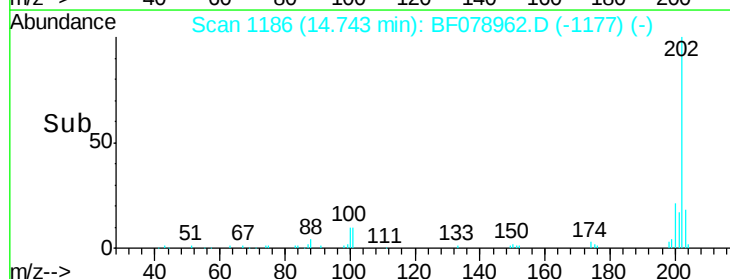
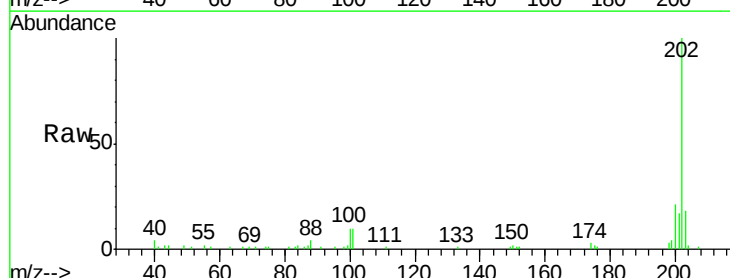
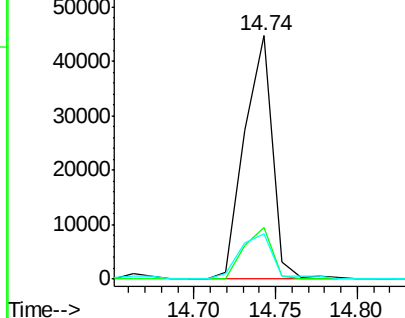
Delta R.T. 0.00 min

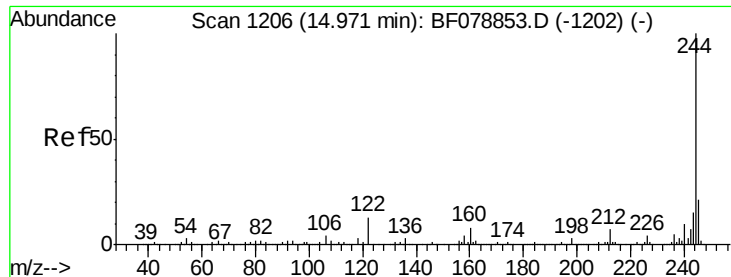
Lab File: BF078962.D

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Tgt Ion:	202	Resp:	53258
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.5	26.3
203	18.5	13.9	20.9

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: 26.80 ng

RT: 14.95 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Instrument :

BNA_F

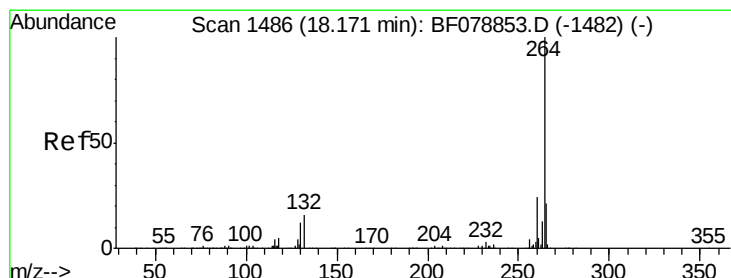
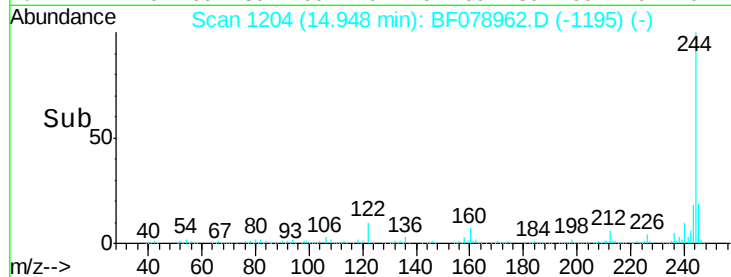
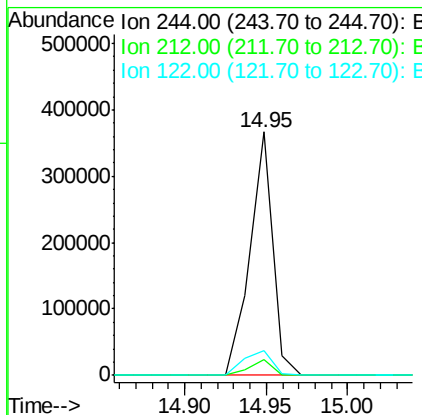
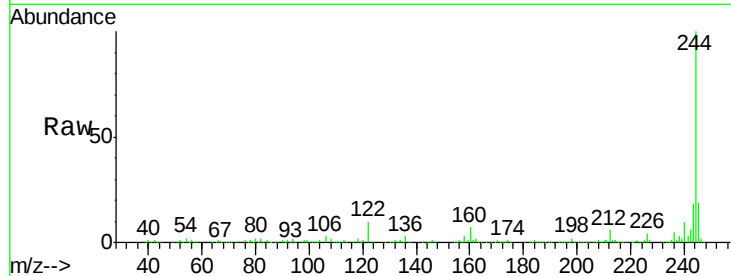
ClientSampled :

SB-59BS

Tot Ion:	244	Resp:	357700
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.6	8.4
122	10.0	10.3	15.5#

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

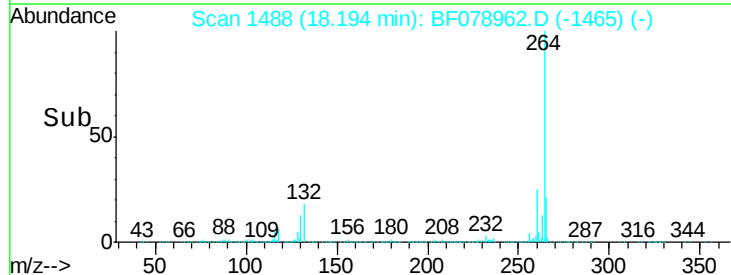
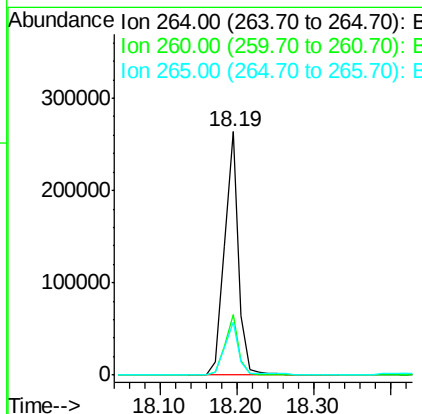
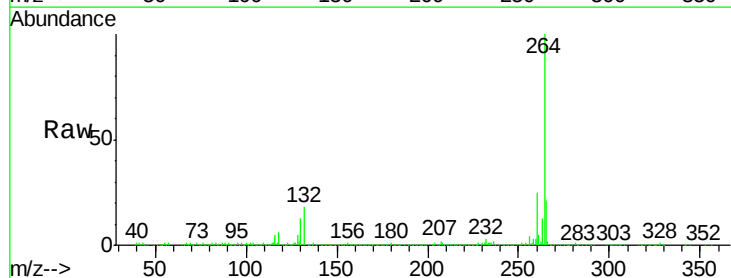
RT: 18.19 min Scan# 1488

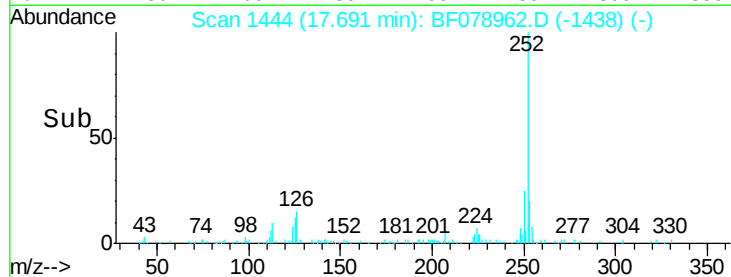
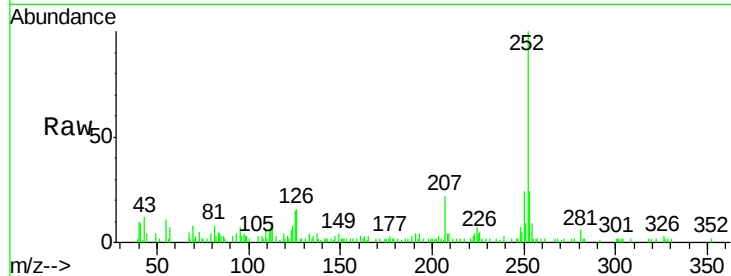
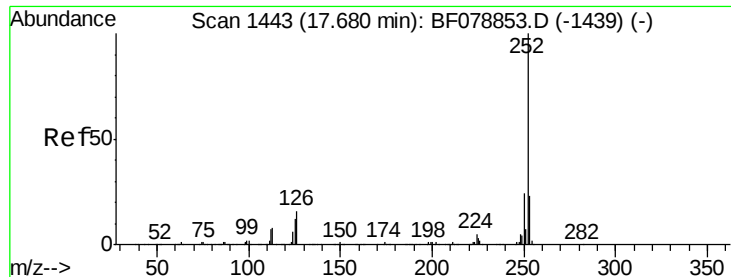
Delta R.T. -0.03 min

Lab File: BF078962.D

Acq: 6 May 2015 16:05

Tgt Ion:	264	Resp:	342208
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	21.5	18.3	27.5





#87
 Benzo(b)fluoranthene
 Concen: 2.11 ng m
 RT: 17.69 min Scan# 1444
 Delta R.T. -0.03 min
 Lab File: BF078962.D
 Acq: 6 May 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	14.8	9.5	14.3

Manual Integrations
 APPROVED

apatel
 5/7/2015 1:57:28 PM

