

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080036.D
 Acq On : 17 Jun 2015 21:59
 Operator : TP/IZ
 Sample : G2649-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-HC-001

Manual Integrations
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Quant Time: Jun 18 01:13:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	41243	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	158006	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	80153	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	162785	20.00	ng	-0.01
75) Chrysene-d12	14.81	240	188763	20.00	ng	-0.05
86) Perylene-d12	16.67	264	194972	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	267660	114.88	ng	0.00
7) Phenol-d6	6.94	99	396997	128.05	ng	0.00
23) Nitrobenzene-d5	7.89	82	201348	74.19	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	101732	129.80	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	470246	83.67	ng	0.00
78) Terphenyl-d14	13.57	244	549239	67.95	ng	-0.02
Target Compounds						Qvalue
48) Acenaphthylene	10.26	152	17935	2.03	ng	95
49) Dimethylphthalate	10.09	163	49698	8.25	ng	# 98
70) Phenanthrene	11.92	178	94669	9.61	ng	98
71) Anthracene	11.98	178	36113	3.81	ng	99
74) Fluoranthene	13.18	202	186336	17.75	ng	87
77) Pyrene	13.43	202	216357	18.62	ng	97
80) Benzo(a)anthracene	14.80	228	114082	9.92	ng	94
82) Chrysene	14.85	228	99585	9.39	ng	93
83) Bis(2-ethylhexyl)phthalate	14.78	149	18107	2.45	ng	93
85) Indeno(1,2,3-cd)pyrene	18.52	276	51252	3.83	ng	# 80
87) Benzo(b)fluoranthene	16.13	252	120956m	10.25	ng	
88) Benzo(k)fluoranthene	16.16	252	42796m	3.56	ng	
89) Benzo(a)pyrene	16.59	252	90384	8.06	ng	# 86
91) Benzo(g,h,i)perylene	19.08	276	55900	4.82	ng	# 78

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

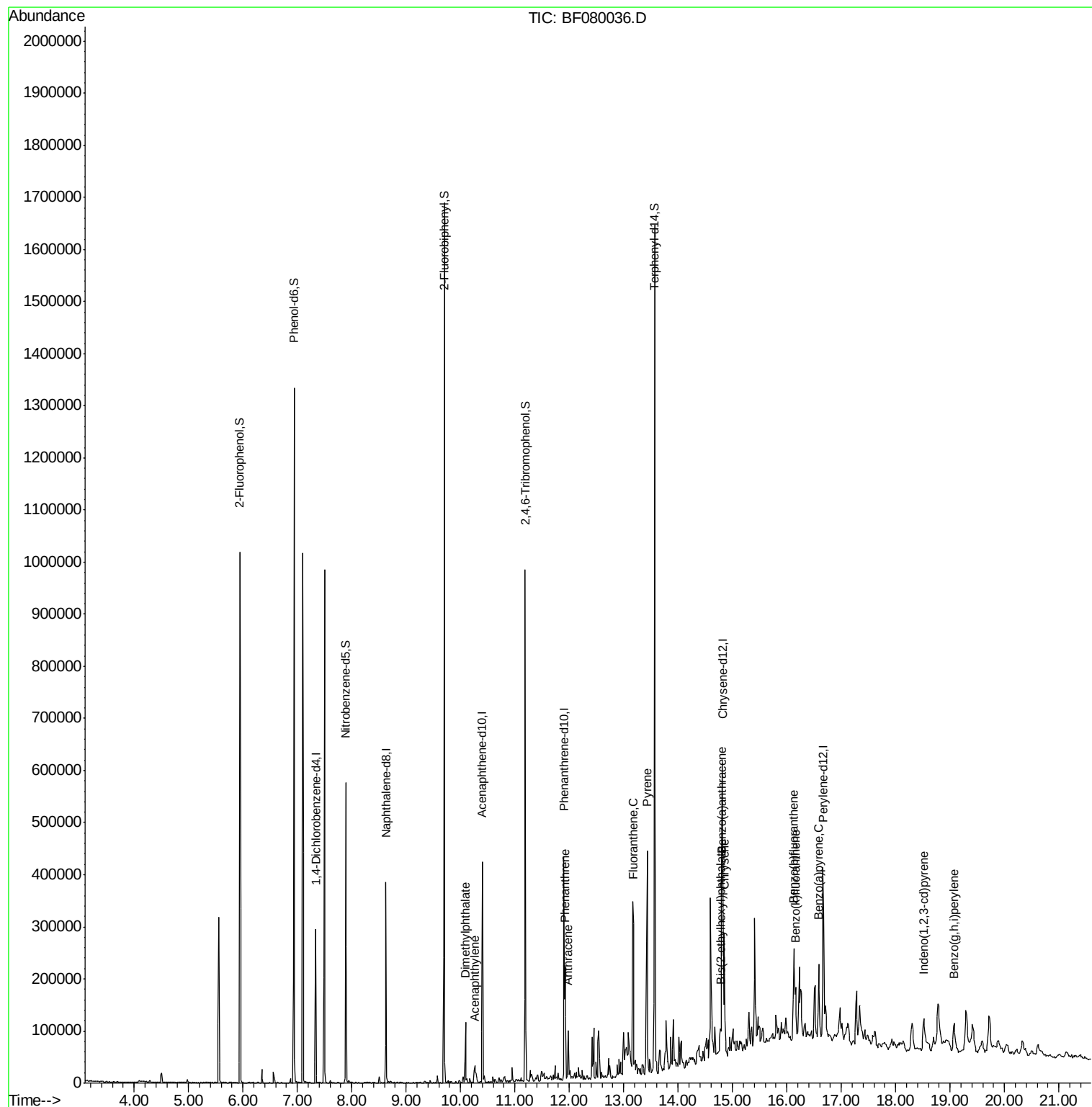
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080036.D
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Operator : TP/IZ
Sample : G2649-09
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ALS Vial : 14 Sample Multiplier: 1

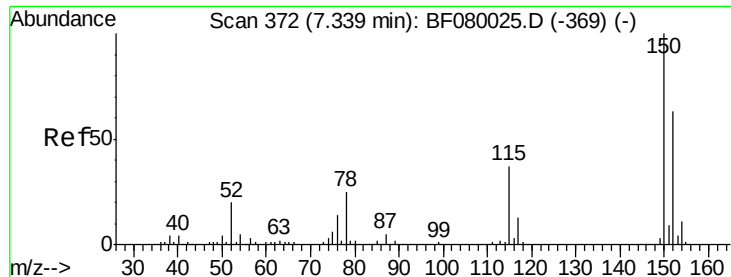
Instrument :
BNA_F
ClientSampleId :
AST-HC-001

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Quant Time: Jun 18 01:13:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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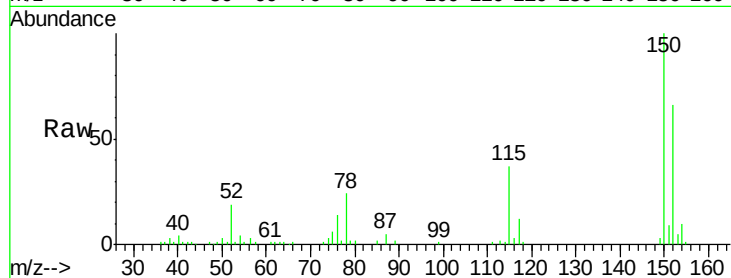




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

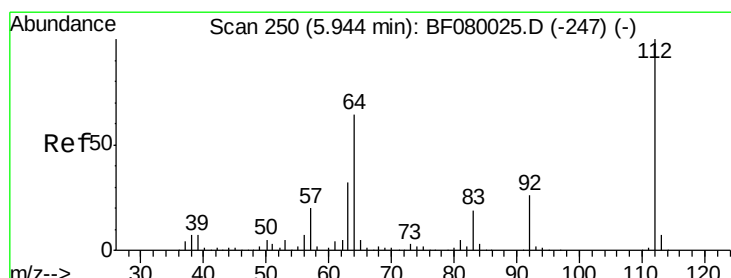
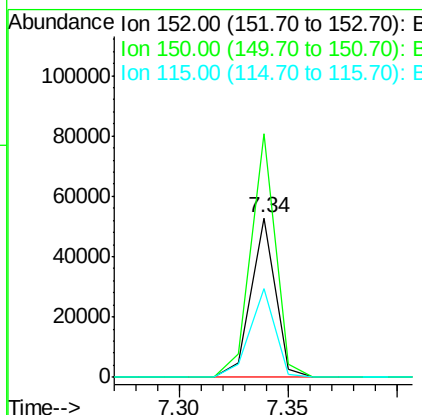
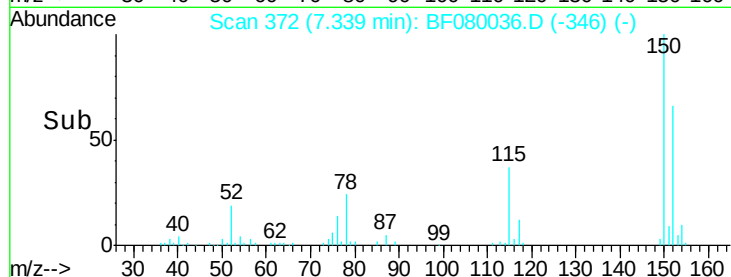
Instrument :
BNA_F
ClientSampleId :
AST-HC-001



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.7	187.1
115	55.7	39.0	58.4

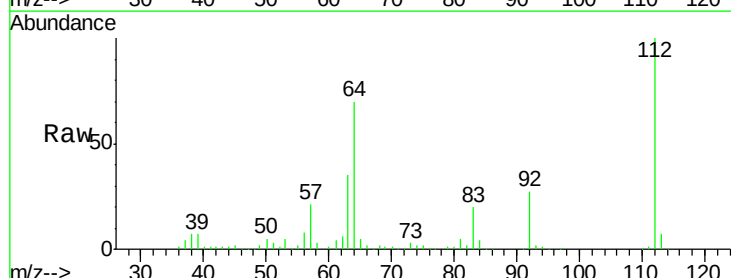
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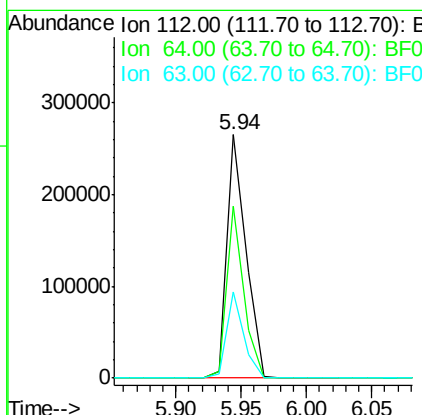
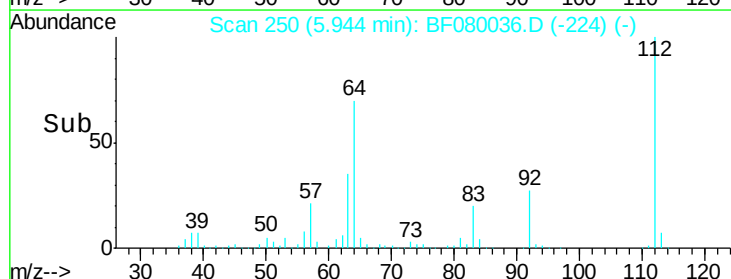


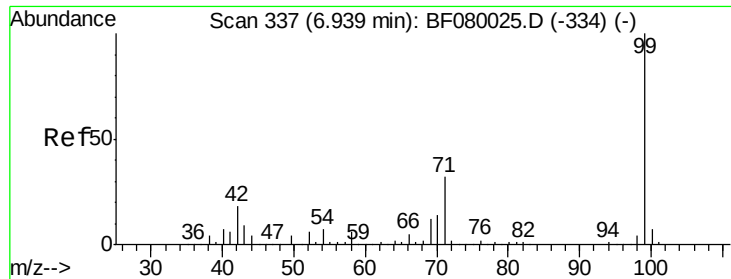
#5

2-Fluorophenol
Concen: 114.88 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59



Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	39.7	59.5#
63	35.5	17.4	26.0#





#7

Phenol-d6

Concen: 128.05 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Instrument :

BNA_F

ClientSampleId :

AST-HC-001

Tgt Ion: 99 Resp: 396997

Ion Ratio Lower Upper

99 100

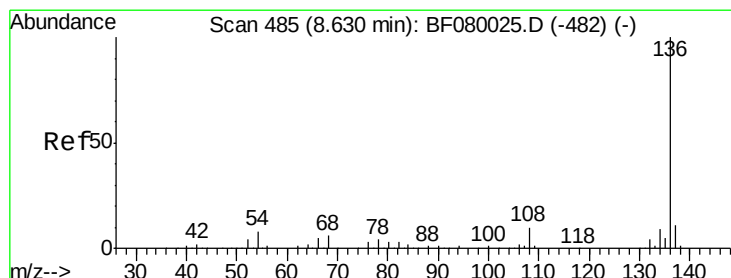
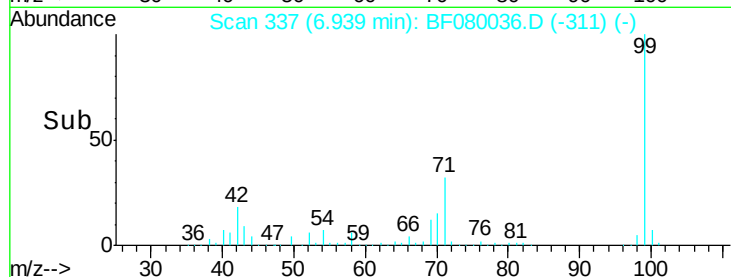
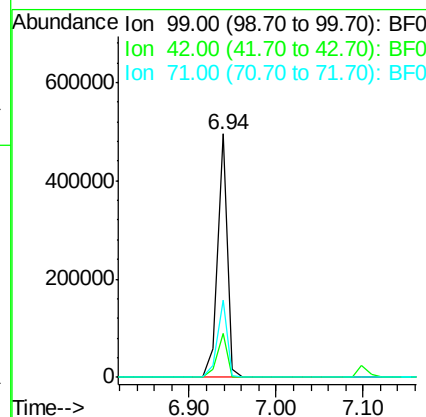
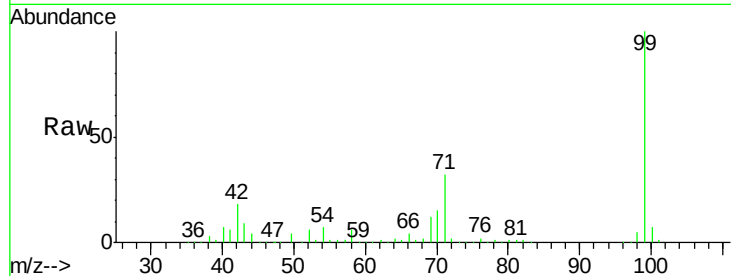
42 18.1 13.7 20.5

71 31.9 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Tgt Ion: 136 Resp: 158006

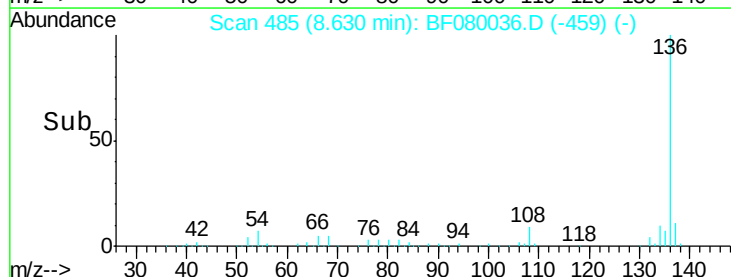
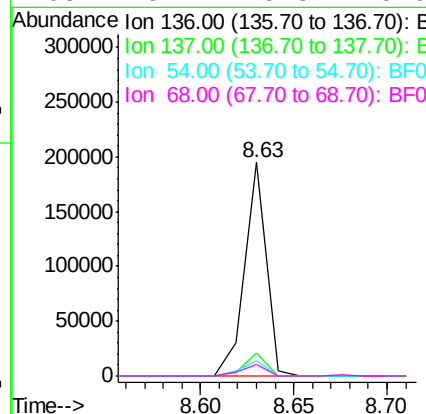
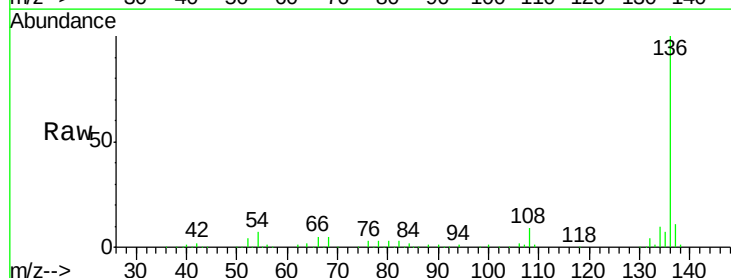
Ion Ratio Lower Upper

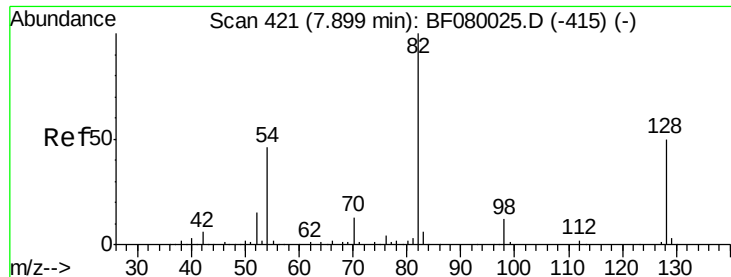
136 100

137 10.7 9.0 13.6

54 7.0 8.2 12.2#

68 5.2 5.8 8.6#





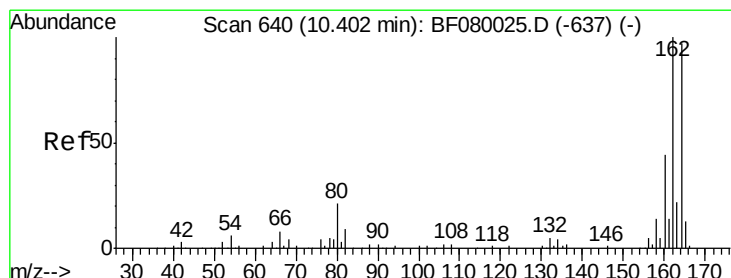
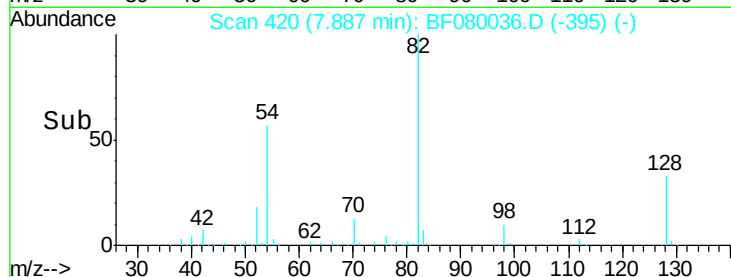
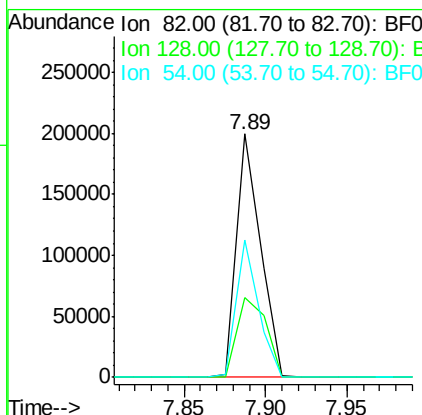
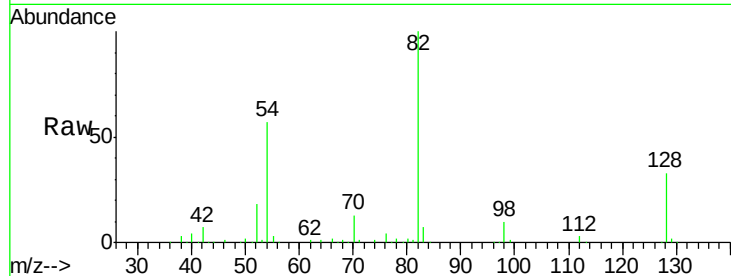
#23
 Nitrobenzene-d5
 Concen: 74.19 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Instrument :
 BNA_F
 ClientSampled :
 AST-HC-001

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	51.0	76.6#
54	56.7	47.5	71.3

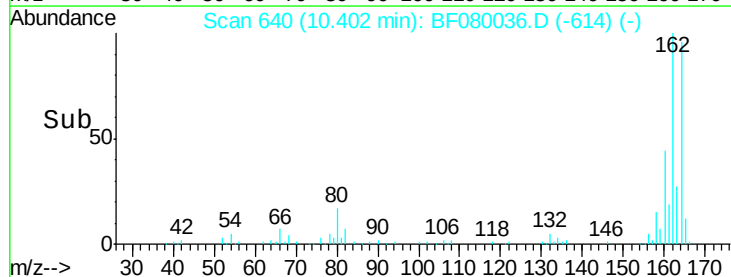
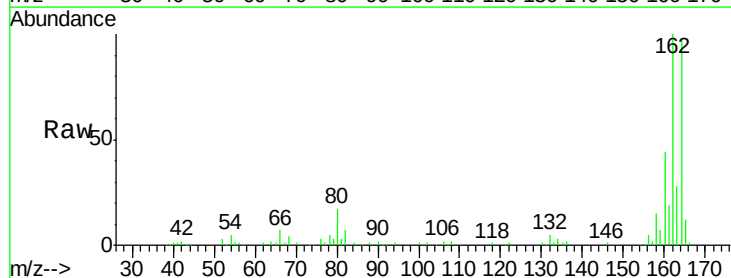
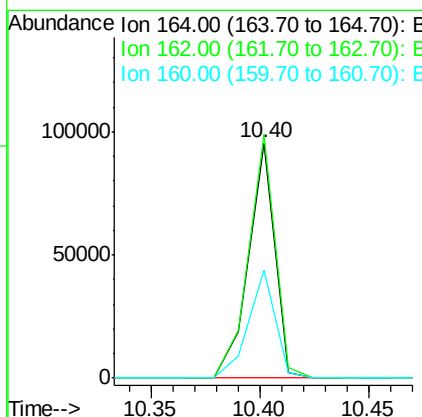
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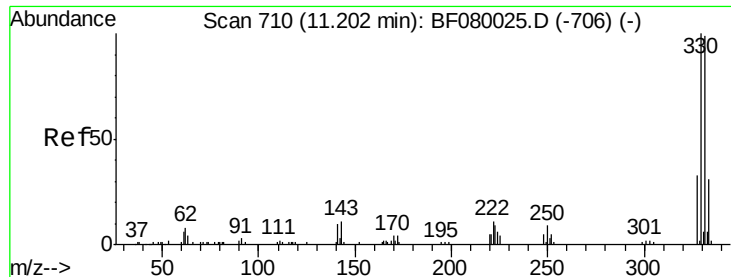
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	75.2	112.8
160	46.0	31.5	47.3





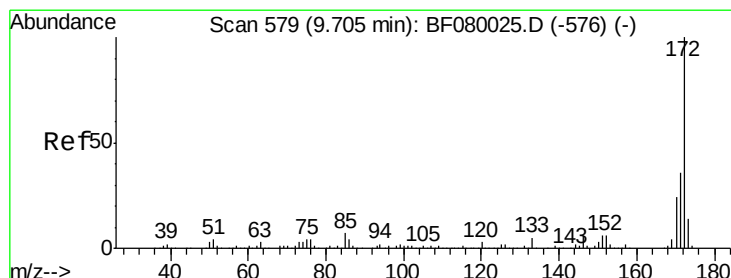
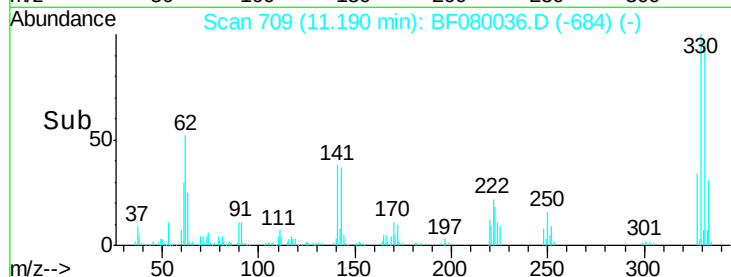
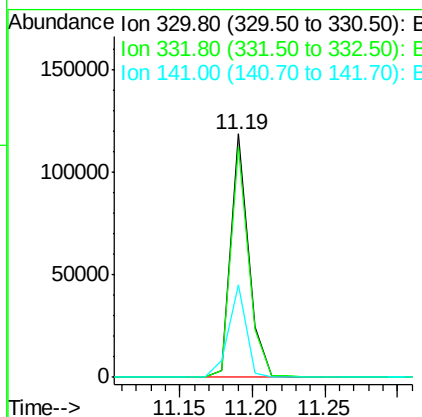
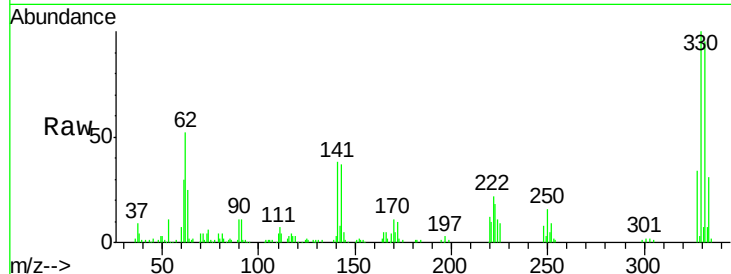
#41
 2,4,6-Tribromophenol
 Concen: 129.80 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 AST-HC-001

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	101732		
332	94.9	76.6	114.8	
141	37.5	29.7	44.5	

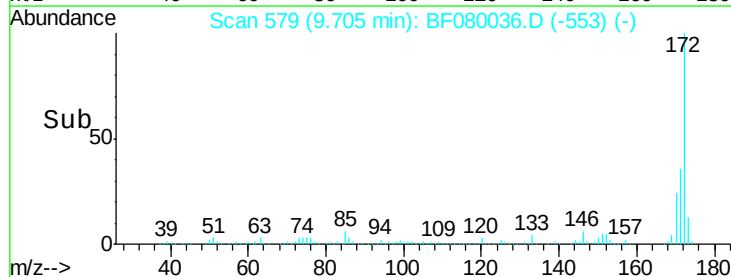
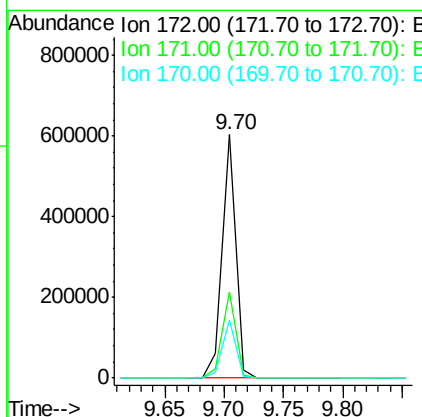
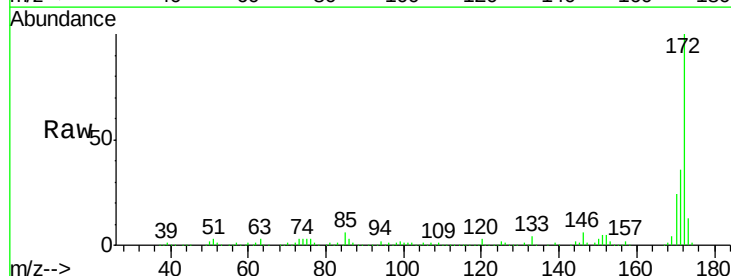
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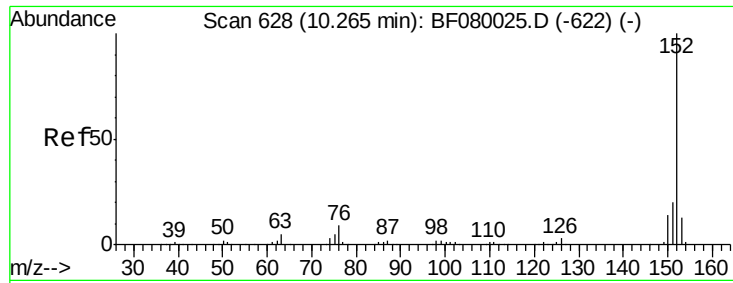
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#44
 2-Fluorobiphenyl
 Concen: 83.67 ng
 RT: 9.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	470246		
171	35.6	26.1	39.1	
170	24.0	17.4	26.2	





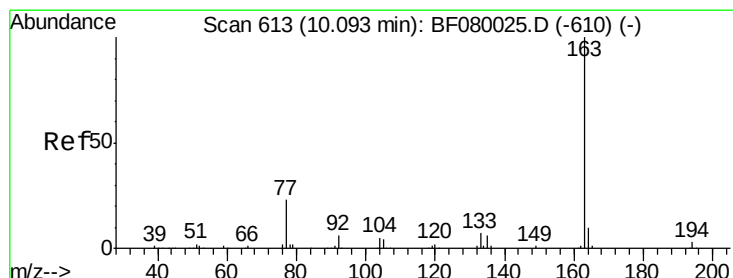
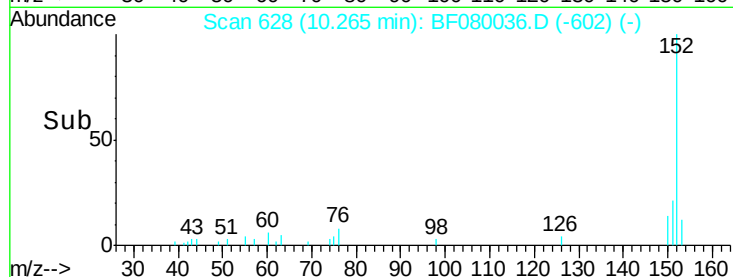
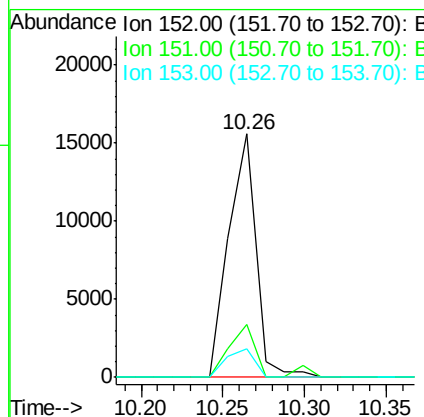
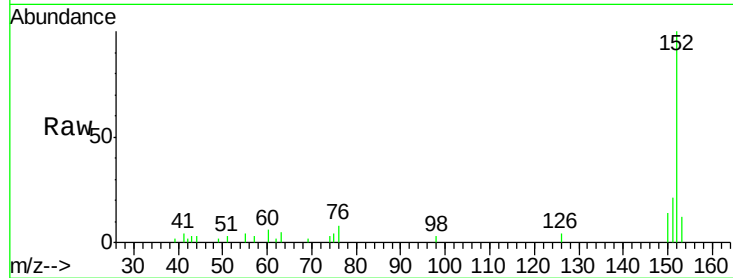
#48
 Acenaphthylene
 Concen: 2.03 ng
 RT: 10.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 AST-HC-001

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	17935		
151	21.5		14.6	22.0
153	12.0		10.3	15.5

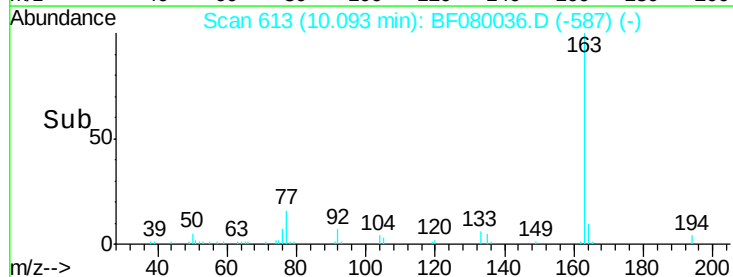
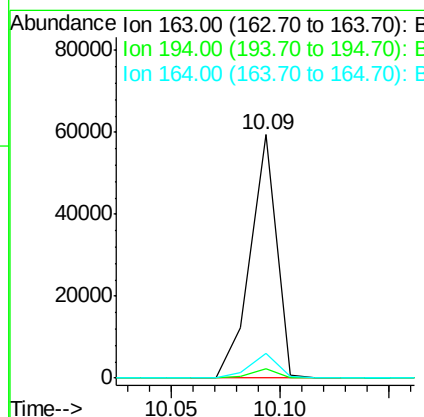
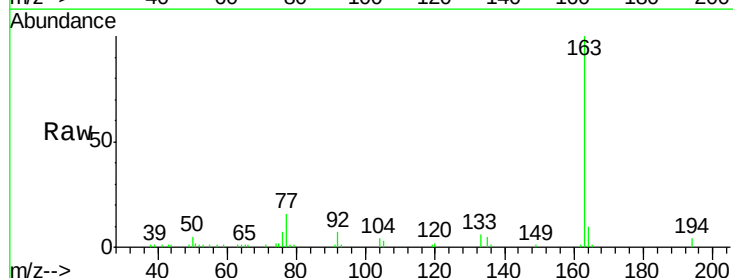
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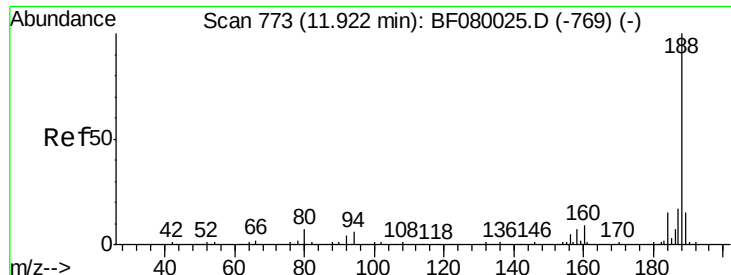
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#49
 Dimethylphthalate
 Concen: 8.25 ng
 RT: 10.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	49698		
194	3.9		4.4	6.6#
164	10.2		8.3	12.5





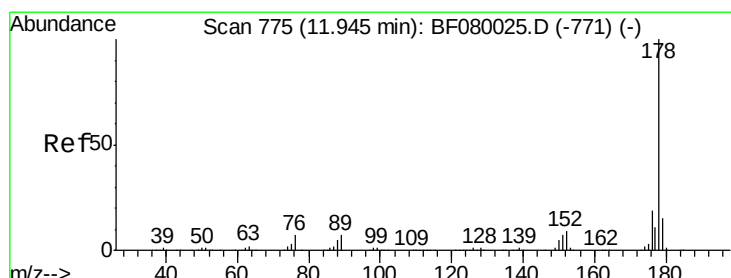
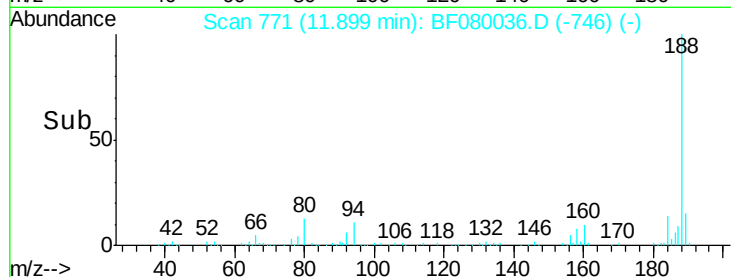
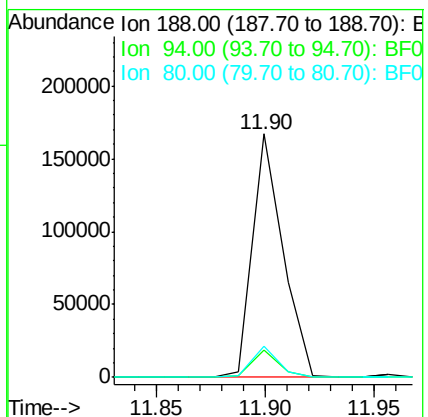
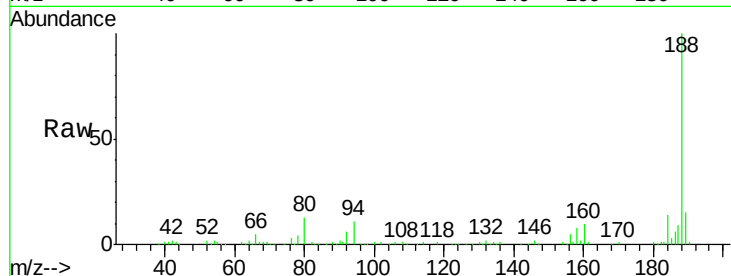
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	11.1	16.7
80	12.7	11.0	16.4

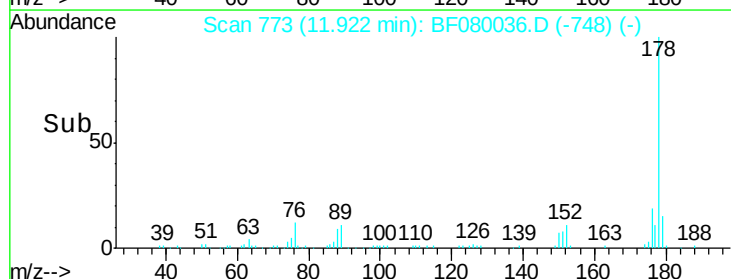
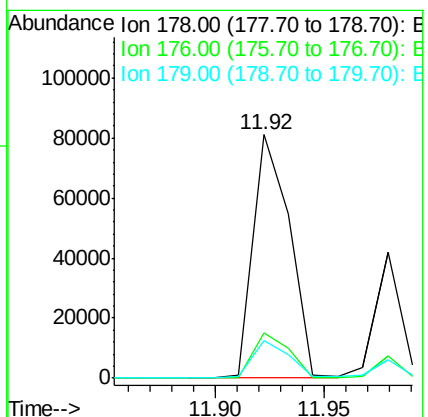
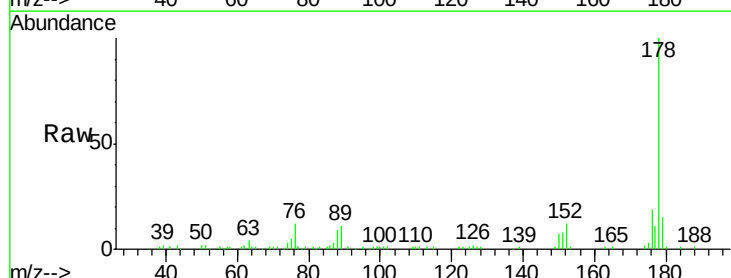
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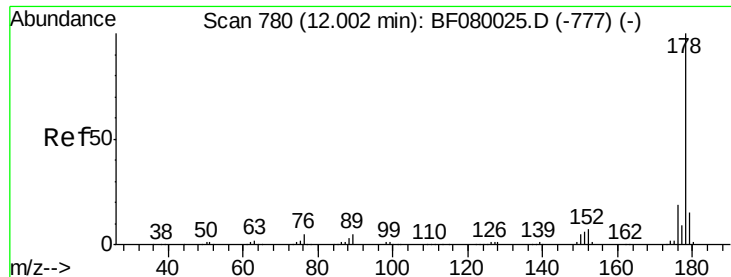
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#70
Phenanthrene
Concen: 9.61 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

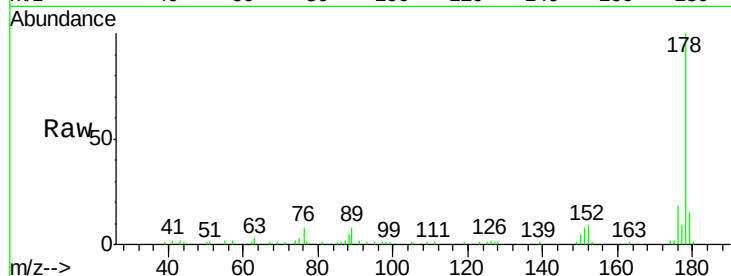
Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.7	13.8	20.8
179	15.5	12.2	18.2





#71
 Anthracene
 Concen: 3.81 ng
 RT: 11.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

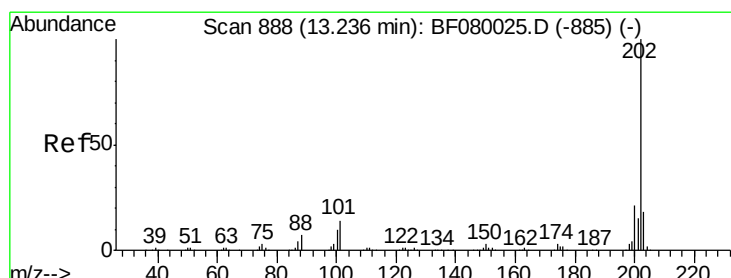
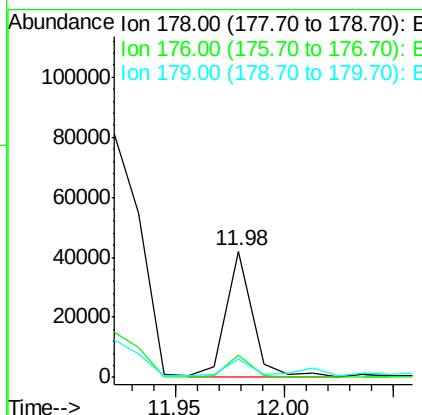
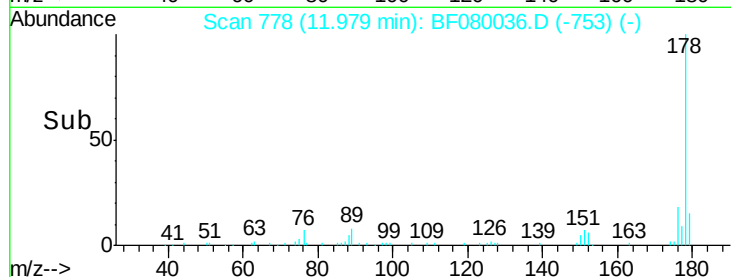
Instrument :
 BNA_F
 ClientSampleId :
 AST-HC-001



Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.1	21.1
179	14.8	12.2	18.2

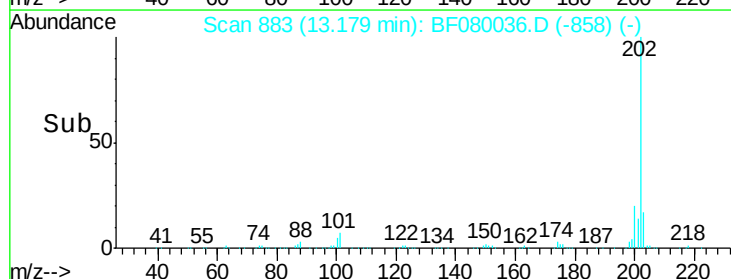
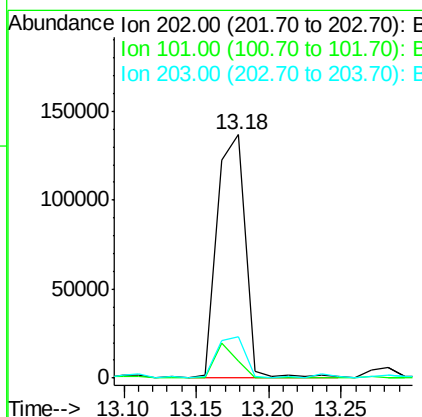
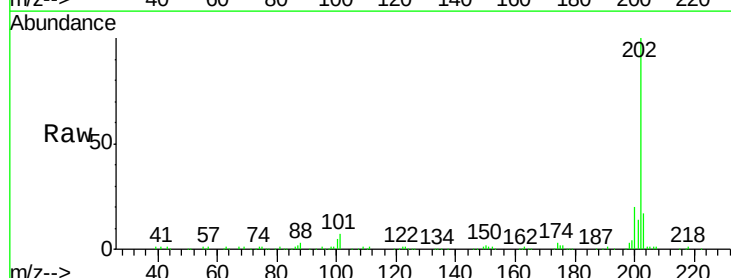
Manual Integrations
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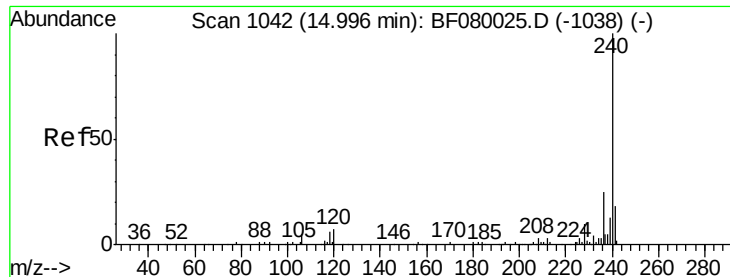
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#74
 Fluoranthene
 Concen: 17.75 ng
 RT: 13.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	38.3
203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Instrument :

BNA_F

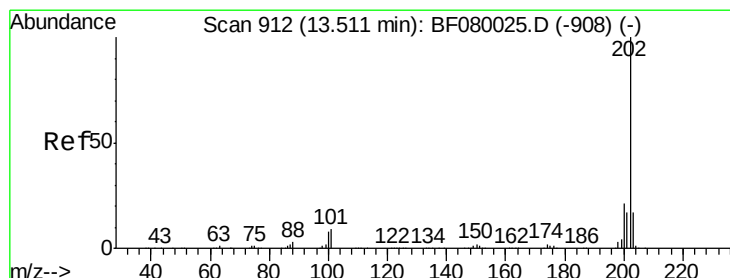
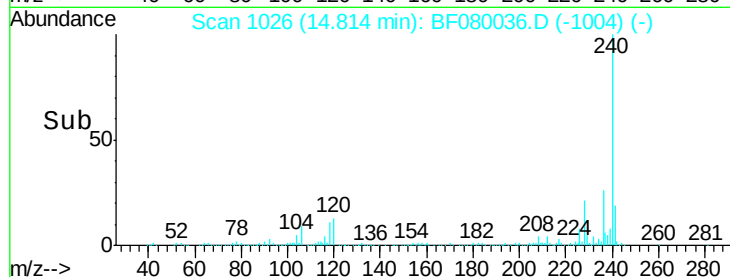
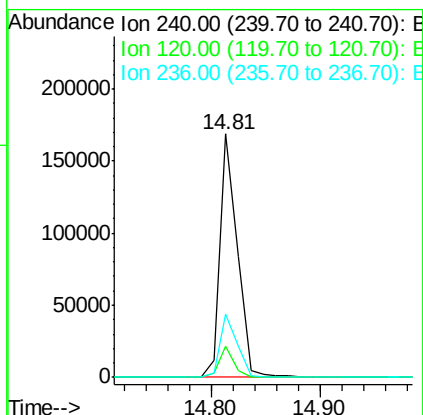
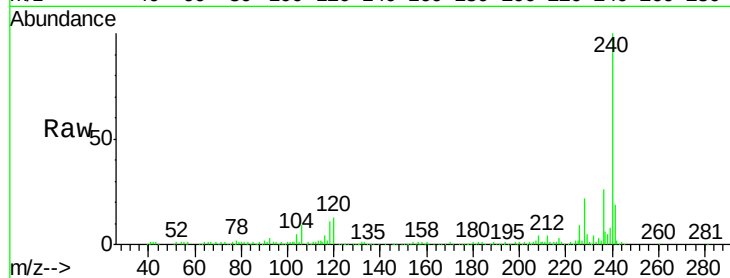
ClientSampleId :

AST-HC-001

Tgt Ion:	240	Resp:	188763
Ion Ratio	Lower	Upper	
240	100		
120	12.5	16.2	24.2#
236	26.0	18.4	27.6

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#77

Pyrene

Concen: 18.62 ng

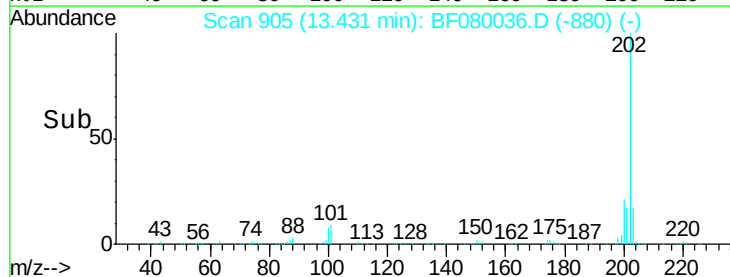
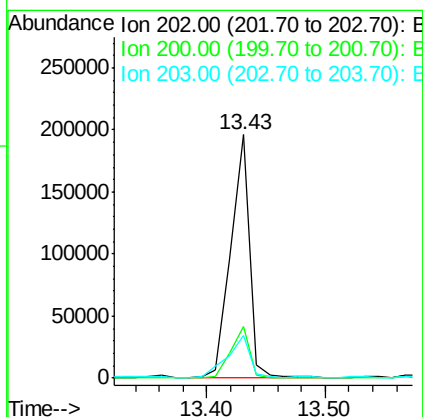
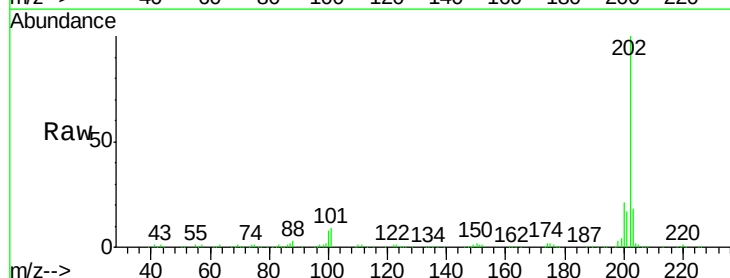
RT: 13.43 min Scan# 905

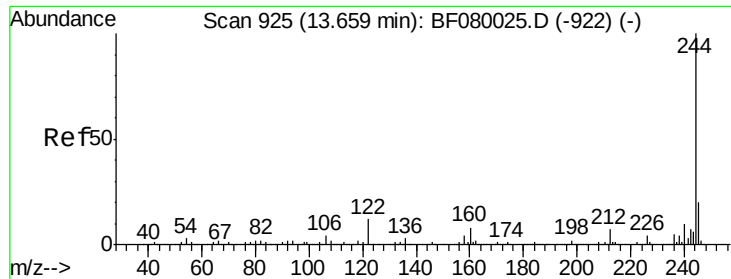
Delta R.T. -0.01 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Tgt Ion:	202	Resp:	216357
Ion Ratio	Lower	Upper	
202	100		
200	21.0	15.0	22.4
203	17.5	14.1	21.1





#78

Terphenyl-d14

Concen: 67.95 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Instrument :

BNA_F

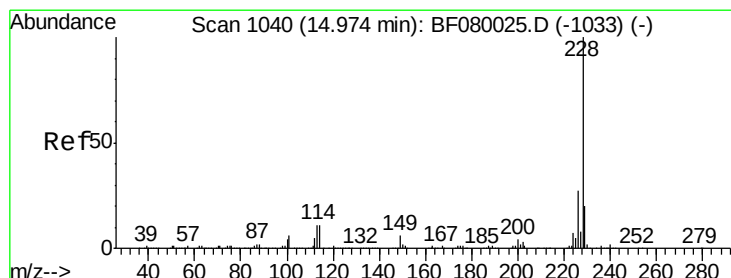
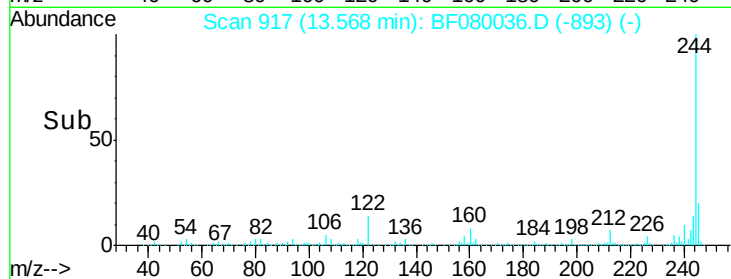
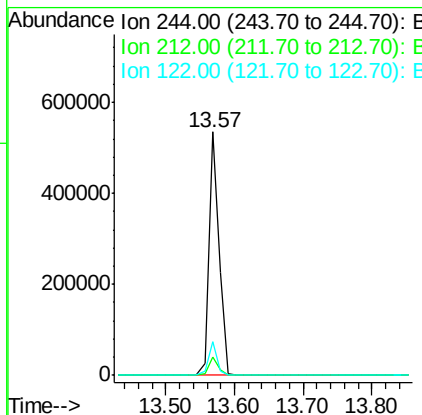
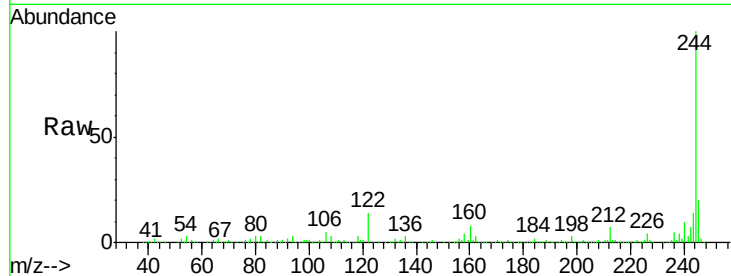
ClientSampleId :

AST-HC-001

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	549239		
212	7.3	4.3	6.5#	
122	13.9	17.4	26.2#	

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#80

Benzo(a)anthracene

Concen: 9.92 ng

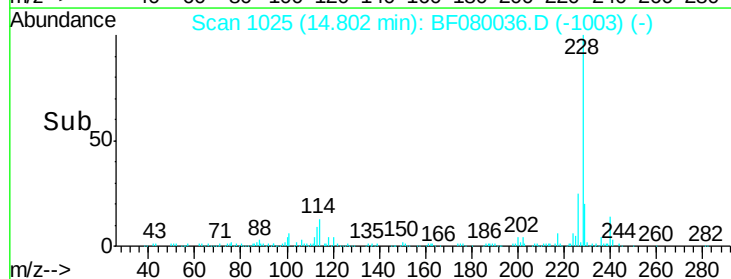
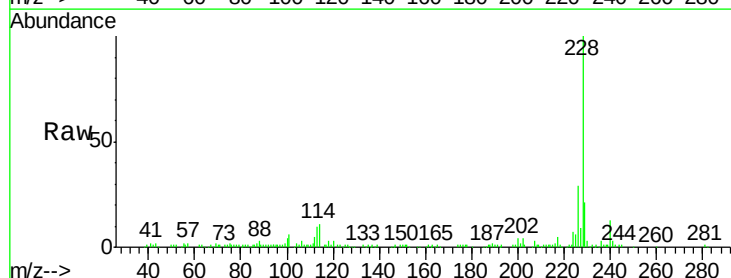
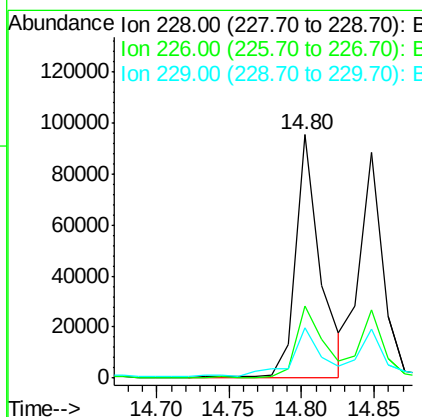
RT: 14.80 min Scan# 1025

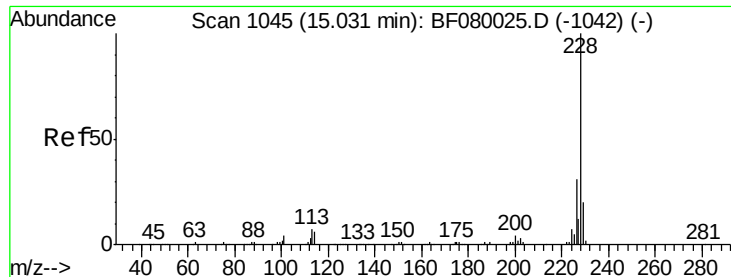
Delta R.T. -0.05 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	114082		
226	29.4	20.0	30.0	
229	20.6	15.4	23.2	





#82

Chrysene

Concen: 9.39 ng

RT: 14.85 min Scan# 1029

Delta R.T. -0.05 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Instrument :

BNA_F

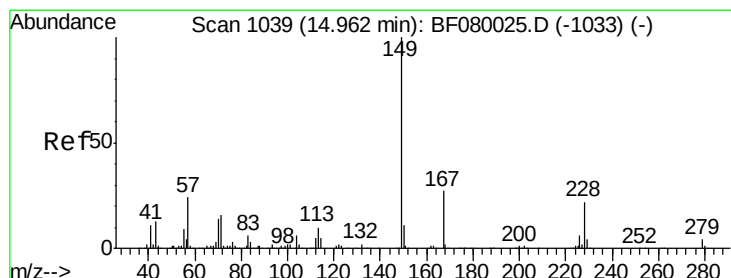
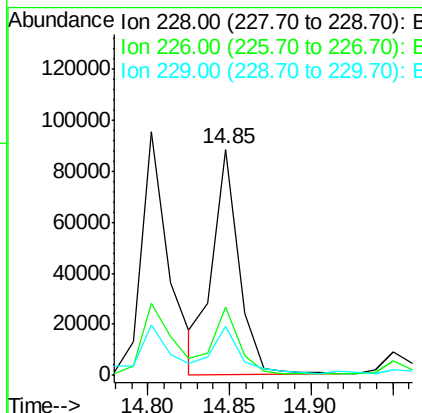
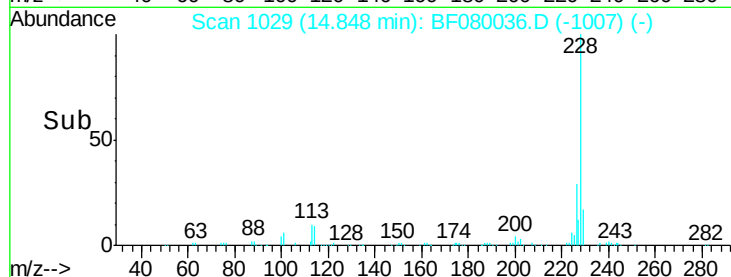
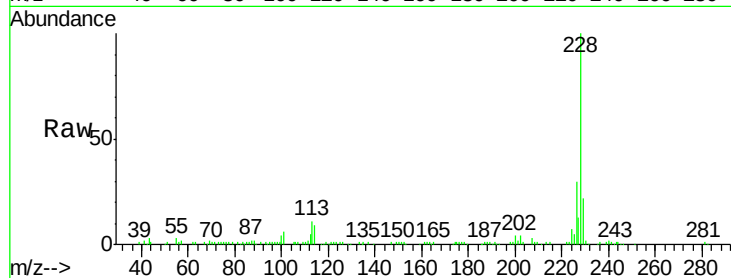
ClientSampleId :

AST-HC-001

Tgt Ion:	228	Resp:	99585
Ion Ratio	Lower	Upper	
228	100		
226	30.1	21.0	31.4
229	21.9	15.6	23.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.45 ng

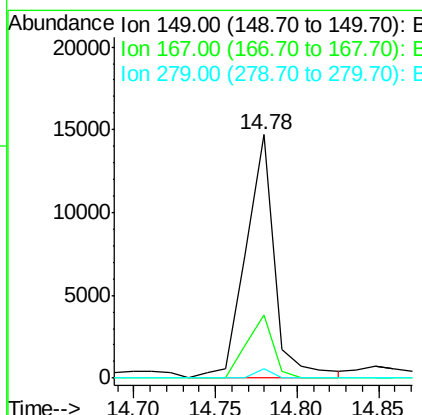
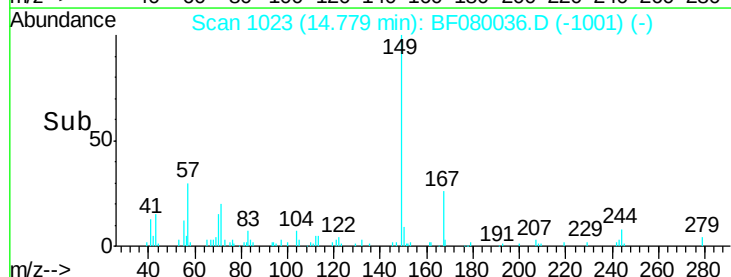
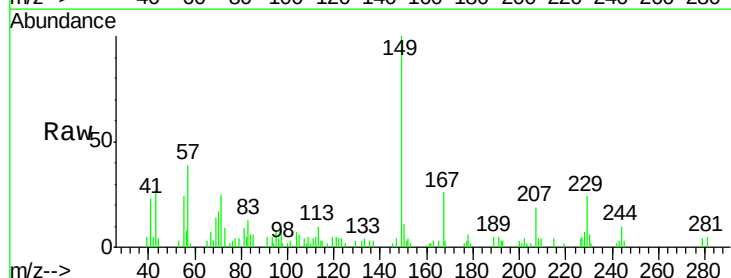
RT: 14.78 min Scan# 1023

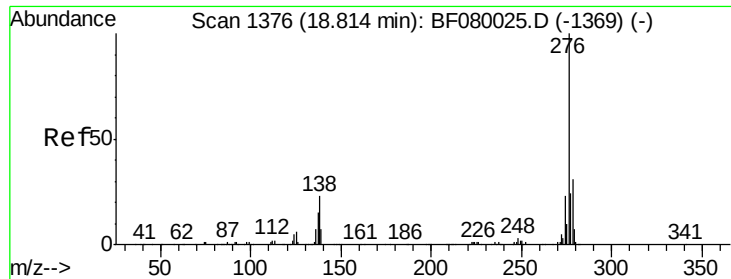
Delta R.T. -0.05 min

Lab File: BF080036.D

Acq: 17 Jun 2015 21:59

Tgt Ion:	149	Resp:	18107
Ion Ratio	Lower	Upper	
149	100		
167	26.0	24.2	36.2
279	3.9	3.8	5.6





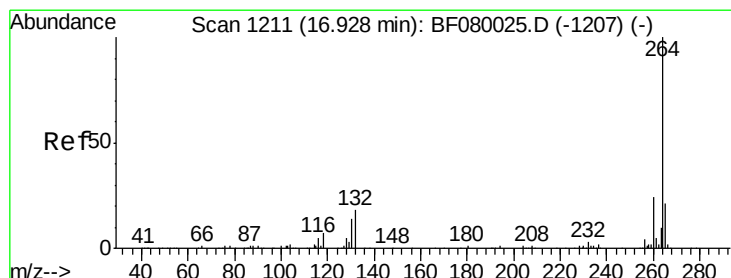
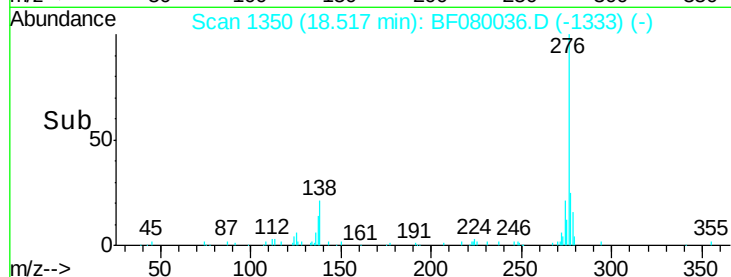
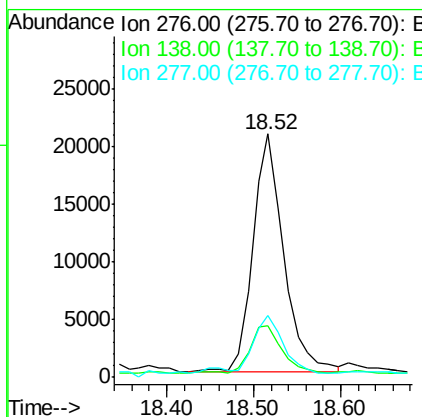
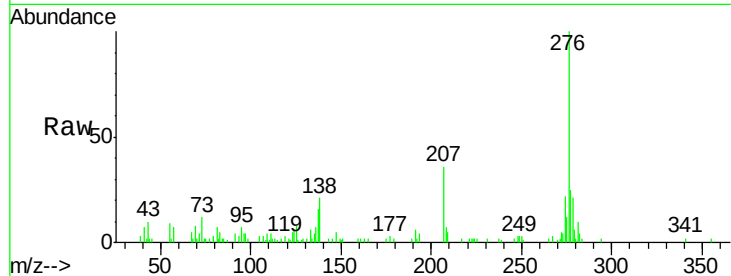
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.83 ng
 RT: 18.52 min Scan# 1350
 Delta R.T. -0.10 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Instrument :
 BNA_F
 ClientSampleId :
 AST-HC-001

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.7	38.5#
277	28.4	15.6	23.4#

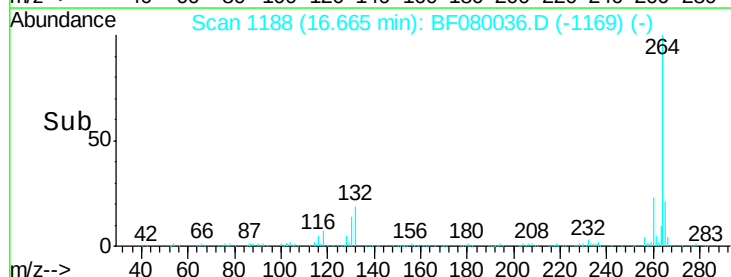
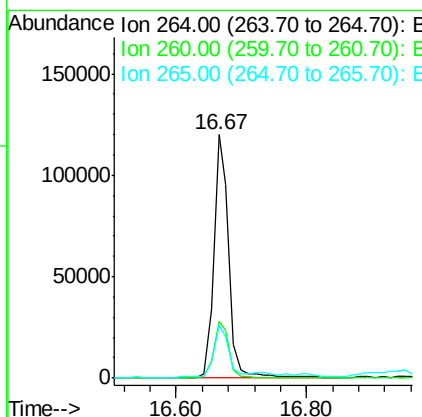
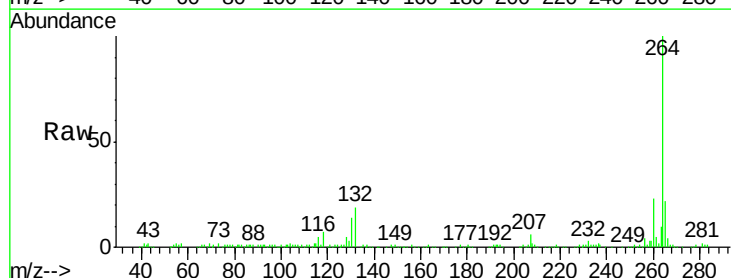
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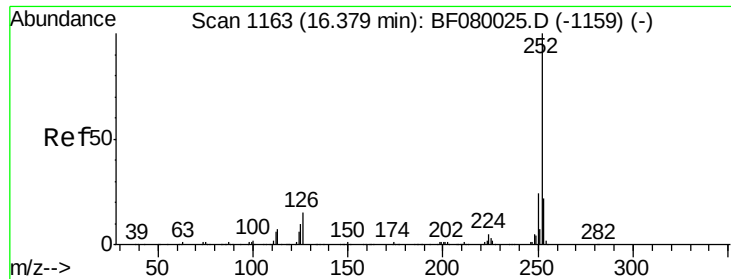
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.67 min Scan# 1188
 Delta R.T. -0.08 min
 Lab File: BF080036.D
 Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	21.8	17.2	25.8





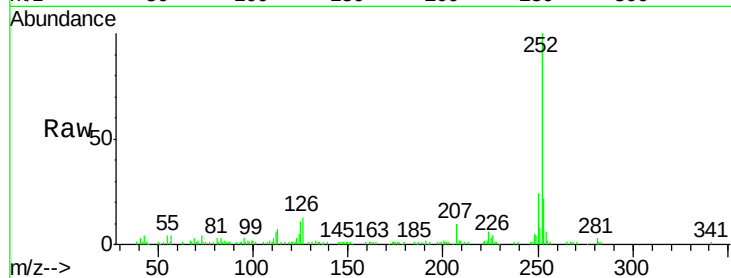
#87
Benzo(b)fluoranthene
Concen: 10.25 ng m
RT: 16.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

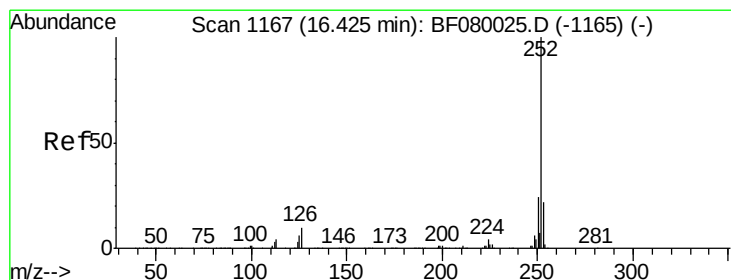
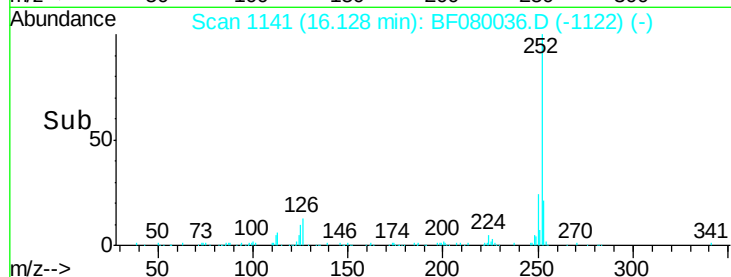
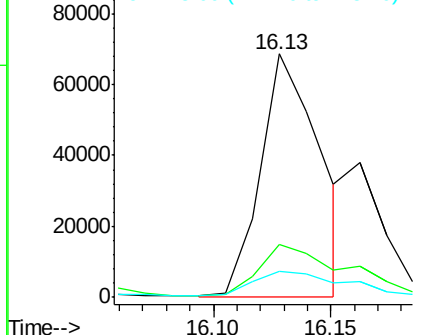
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.6	17.1	25.7#

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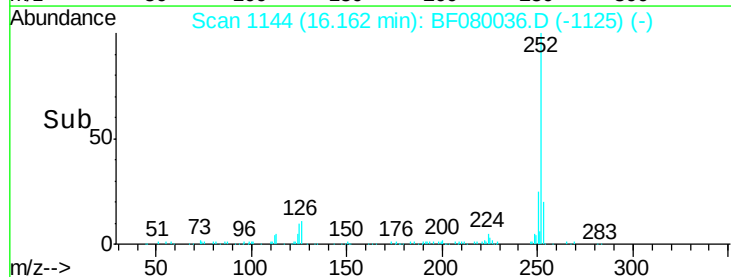
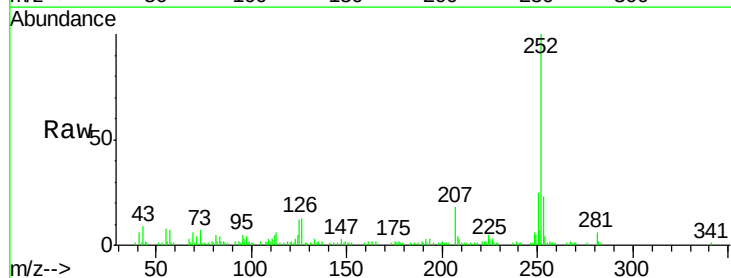
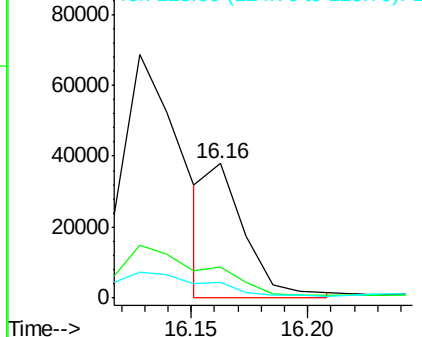
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

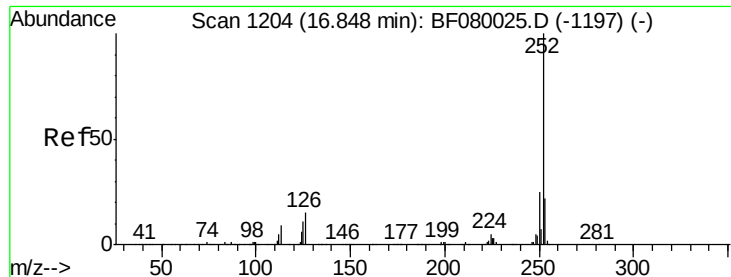


#88
Benzo(k)fluoranthene
Concen: 3.56 ng m
RT: 16.16 min Scan# 1144
Delta R.T. -0.08 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	11.8	16.0	24.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





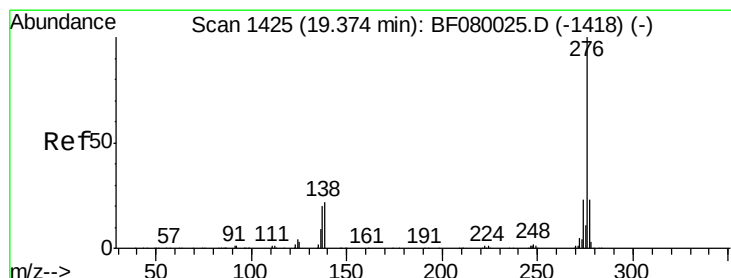
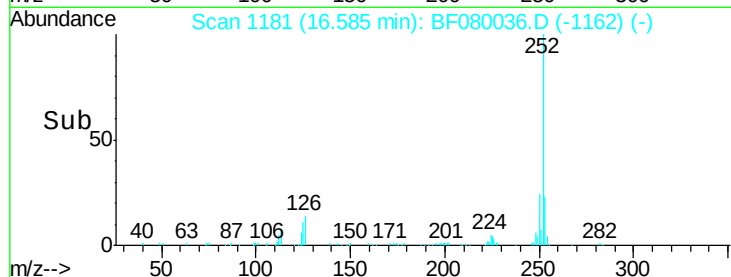
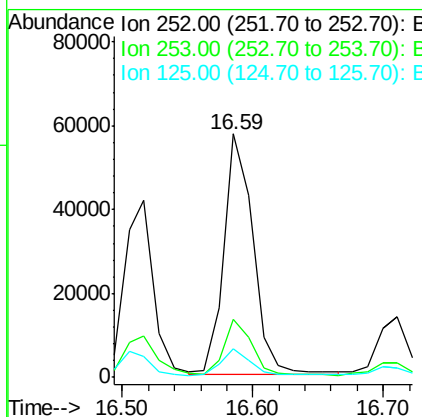
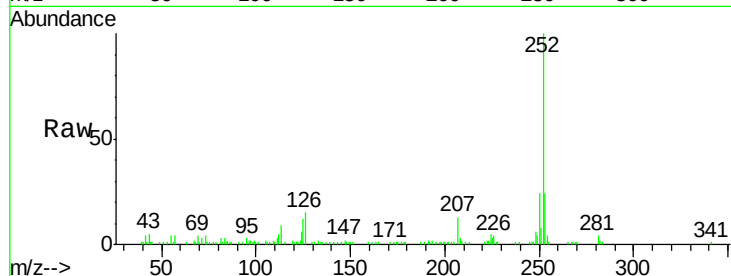
#89
Benzo(a)pyrene
Concen: 8.06 ng
RT: 16.59 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Instrument :
BNA_F
ClientSampleId :
AST-HC-001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	11.7	18.0	27.0#

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#91
Benzo(g,h,i)perylene
Concen: 4.82 ng
RT: 19.08 min Scan# 1399
Delta R.T. -0.10 min
Lab File: BF080036.D
Acq: 17 Jun 2015 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.6
138	22.5	34.6	51.8#

