

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080034.D
 Acq On : 17 Jun 2015 21:01
 Operator : TP/IZ
 Sample : G2649-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

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Quant Time: Jun 18 01:05:50 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	42077	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	160290	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	83061	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	170952	20.00	ng	-0.01
75) Chrysene-d12	14.85	240	186421	20.00	ng	-0.01
86) Perylene-d12	16.72	264	188718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	252955	106.42	ng	0.00
7) Phenol-d6	6.94	99	364630	115.28	ng	0.00
23) Nitrobenzene-d5	7.89	82	185987	67.55	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	90231	111.09	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	366293	62.89	ng	0.00
78) Terphenyl-d14	13.58	244	403890	50.60	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.09	163	40186	6.44	ng	# 97
70) Phenanthrene	11.92	178	71578	6.92	ng	97
71) Anthracene	11.98	178	22392	2.25	ng	97
74) Fluoranthene	13.18	202	124449	11.29	ng	92
77) Pyrene	13.44	202	149323	13.01	ng	98
80) Benzo(a)anthracene	14.84	228	79088	6.96	ng	96
82) Chrysene	14.88	228	66708	6.37	ng	93
85) Indeno(1,2,3-cd)pyrene	18.57	276	38383	2.91	ng	# 83
87) Benzo(b)fluoranthene	16.19	252	76710m	6.71	ng	
88) Benzo(k)fluoranthene	16.22	252	24990m	2.15	ng	
89) Benzo(a)pyrene	16.64	252	57216	5.27	ng	# 86
91) Benzo(g,h,i)perylene	19.13	276	38437	3.43	ng	# 77

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

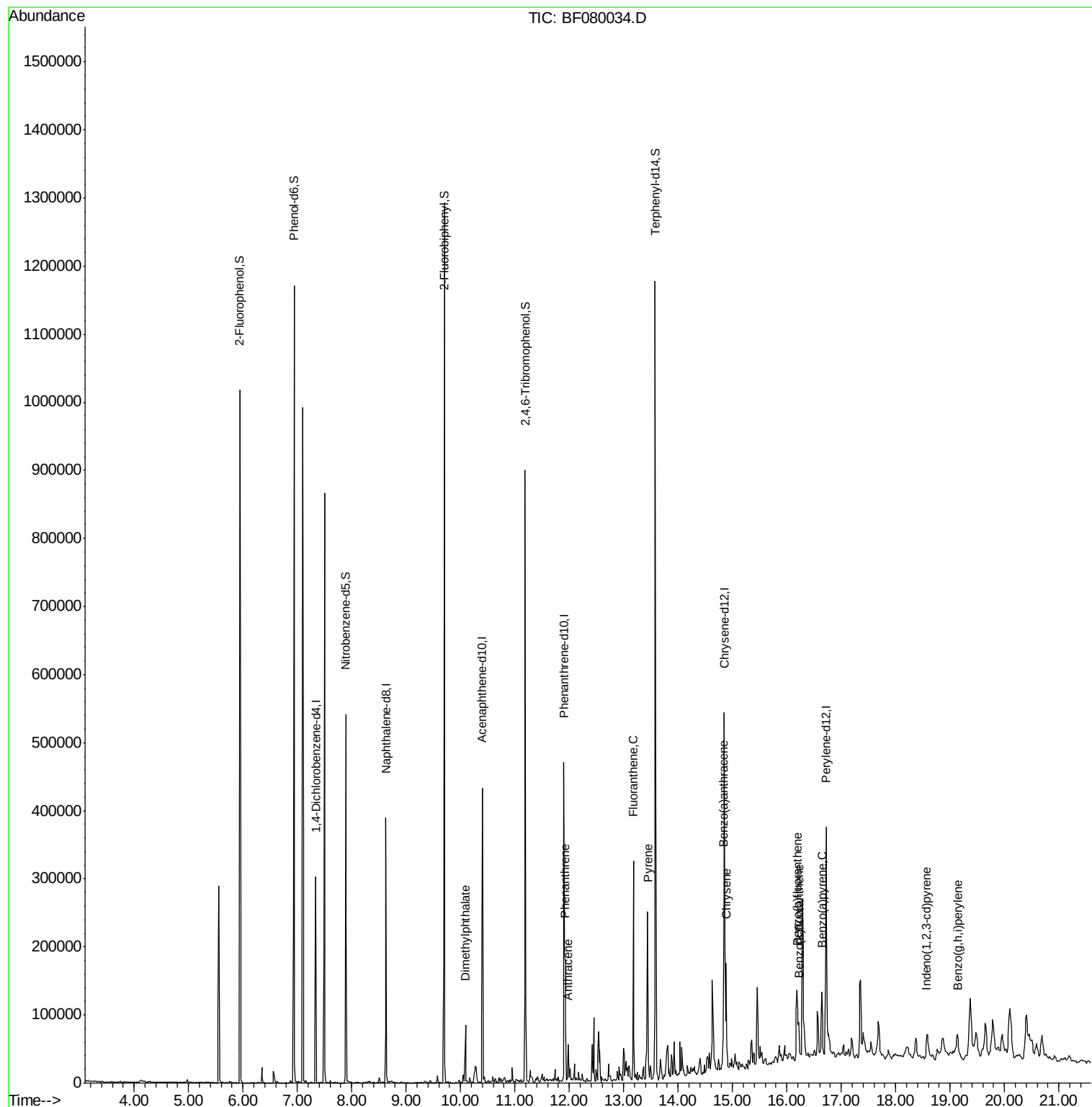
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080034.D
Acq On : 17 Jun 2015 21:01
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

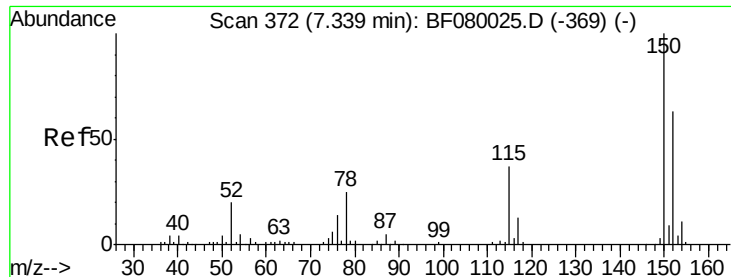
Instrument :
BNA_F
ClientSampleId :
AST-TS-001

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Quant Time: Jun 18 01:05:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

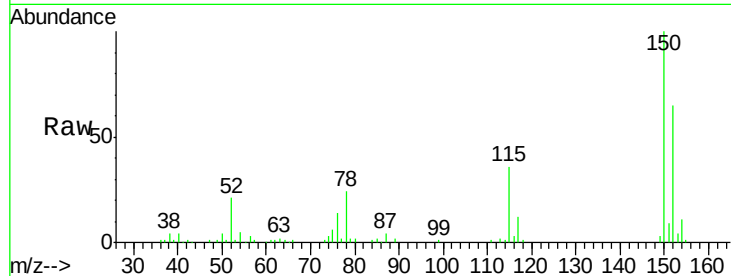
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.34 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: BF080034.D
 Acq: 17 Jun 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

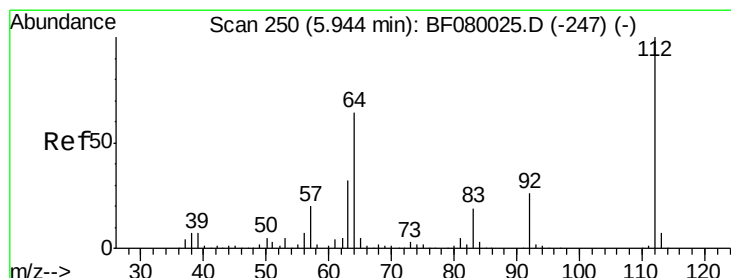
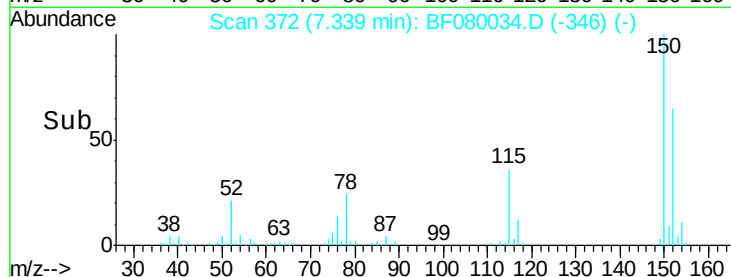
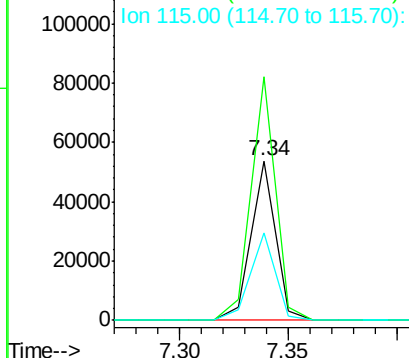
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.7	187.1
115	54.6	39.0	58.4

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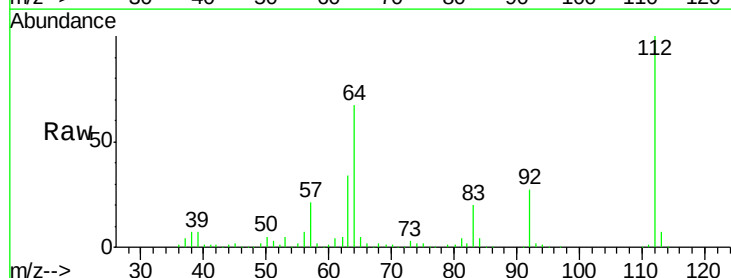
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



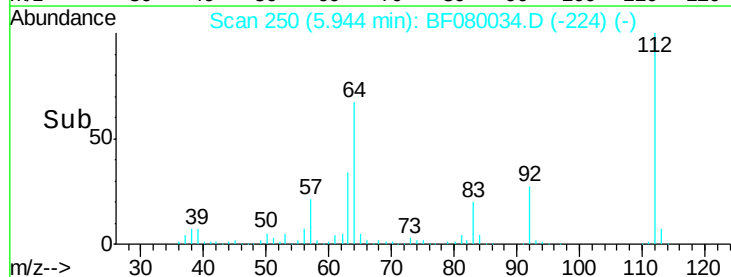
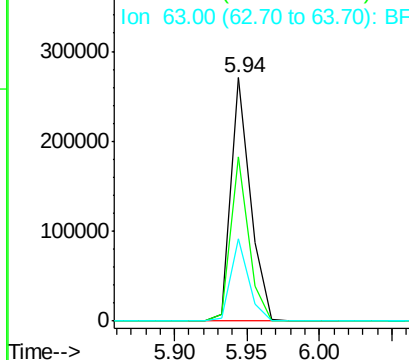
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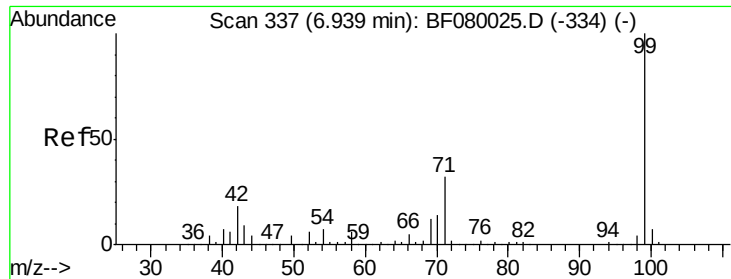
2-Fluorophenol
 Concen: 106.42 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080034.D
 Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	39.7	59.5#
63	33.9	17.4	26.0#



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: 115.28 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF080034.D

Acq: 17 Jun 2015 21:01

Instrument :

BNA_F

ClientSampleId :

AST-TS-001

Tgt Ion: 99 Resp: 364630

Ion Ratio Lower Upper

99 100

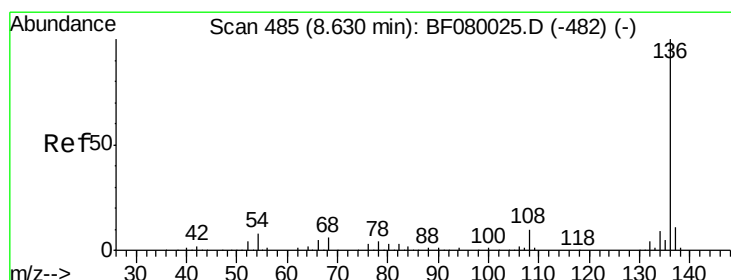
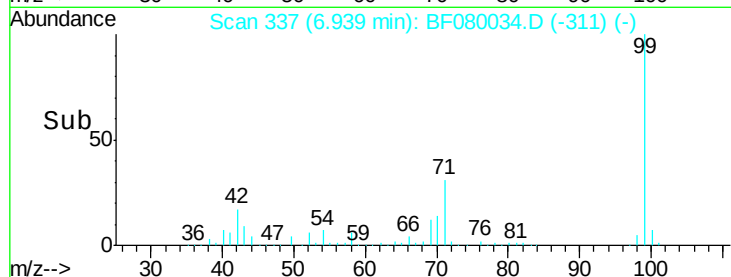
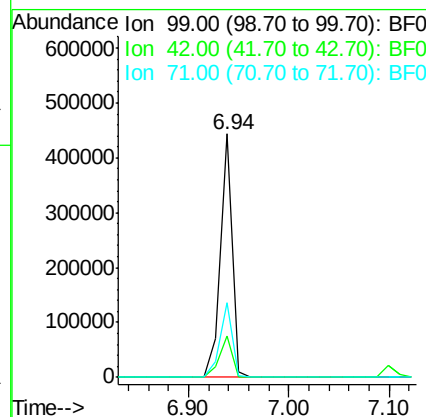
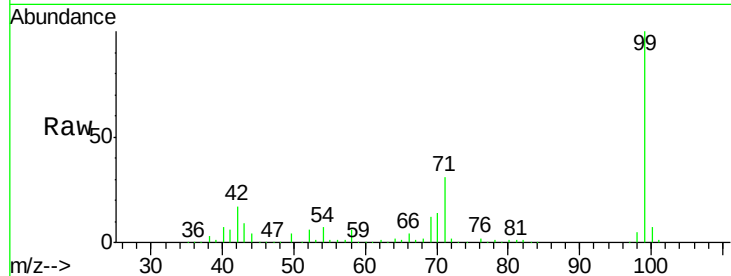
42 16.8 13.7 20.5

71 30.9 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: BF080034.D

Acq: 17 Jun 2015 21:01

Tgt Ion: 136 Resp: 160290

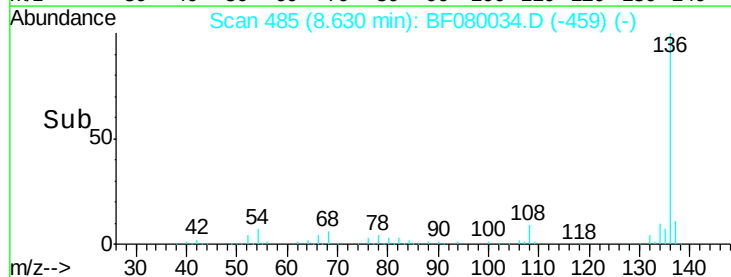
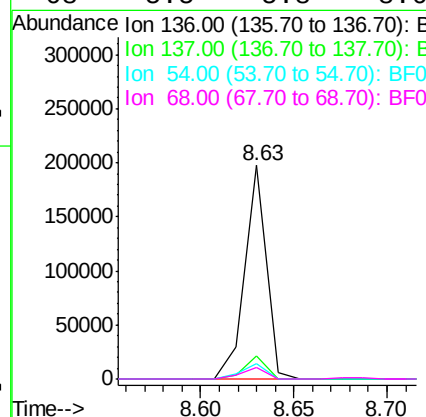
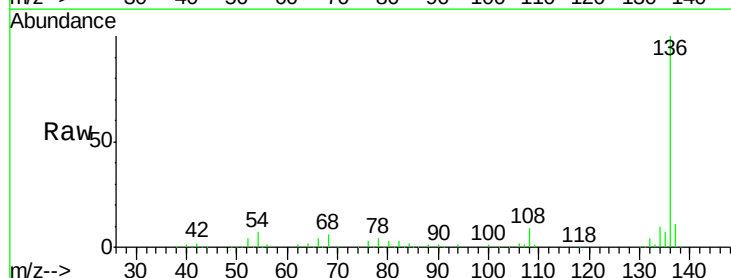
Ion Ratio Lower Upper

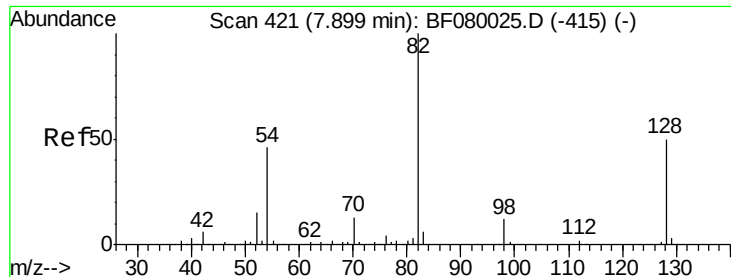
136 100

137 10.6 9.0 13.6

54 6.9 8.2 12.2#

68 5.5 5.8 8.6#





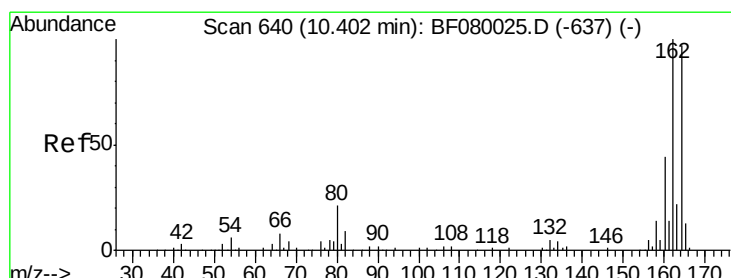
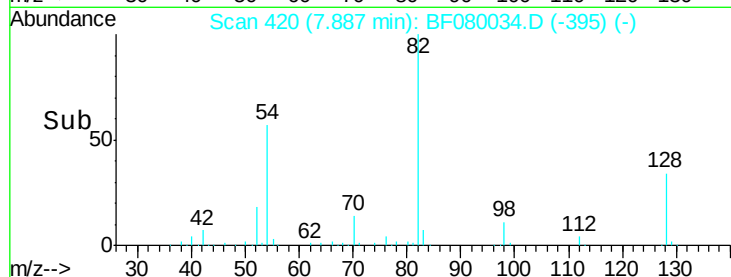
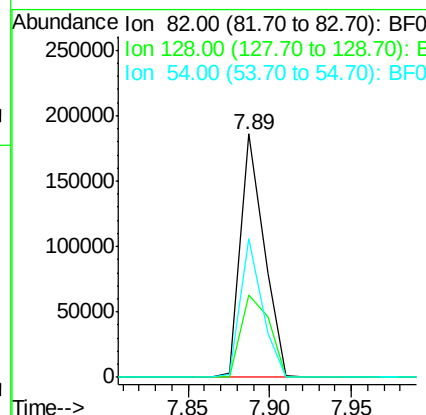
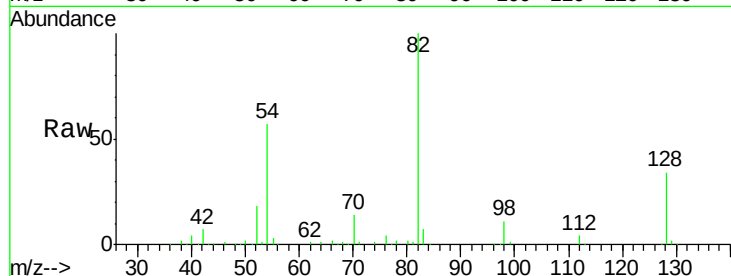
#23
 Nitrobenzene-d5
 Concen: 67.55 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080034.D
 Acq: 17 Jun 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	185987		
128	33.9	51.0	76.6#	
54	56.9	47.5	71.3	

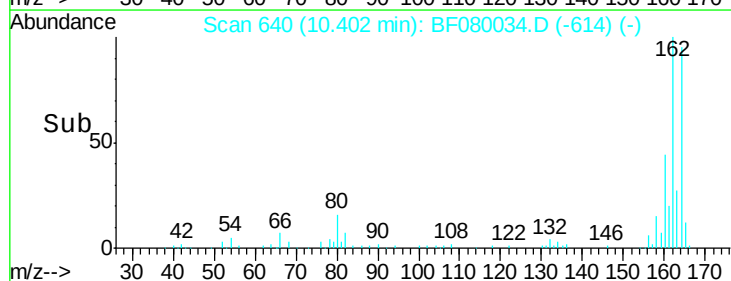
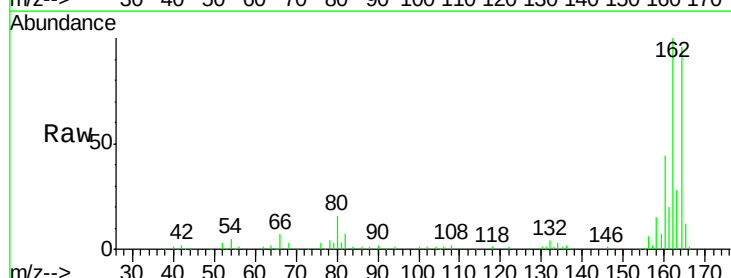
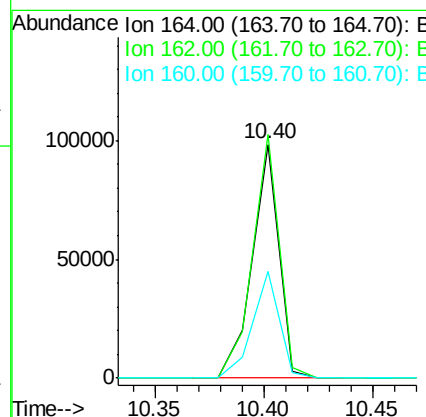
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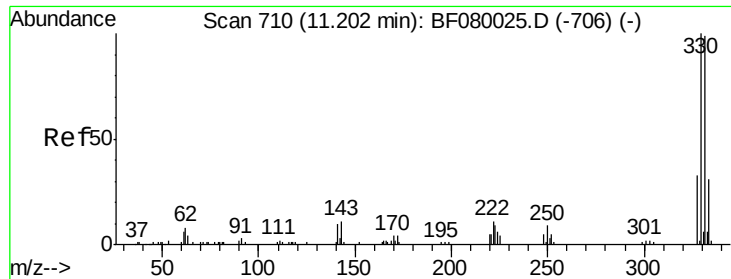
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080034.D
 Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83061		
162	104.3	75.2	112.8	
160	45.9	31.5	47.3	





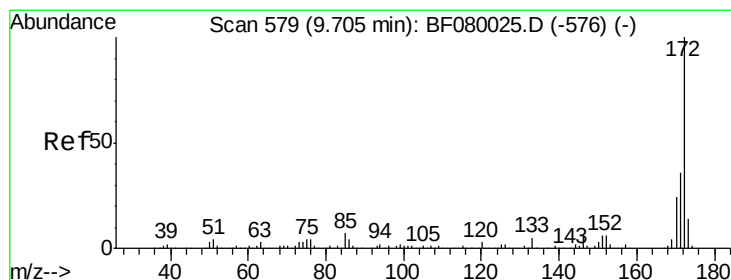
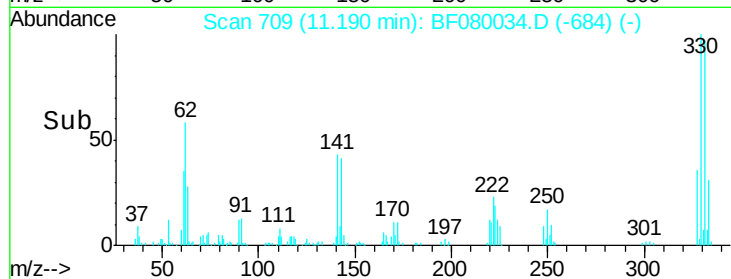
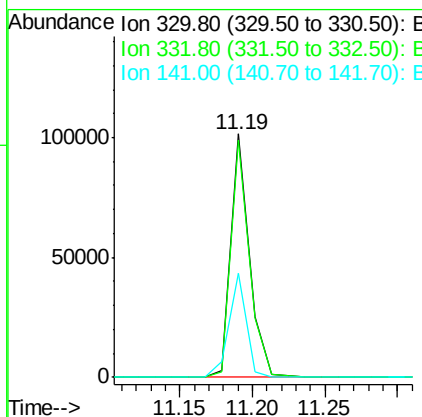
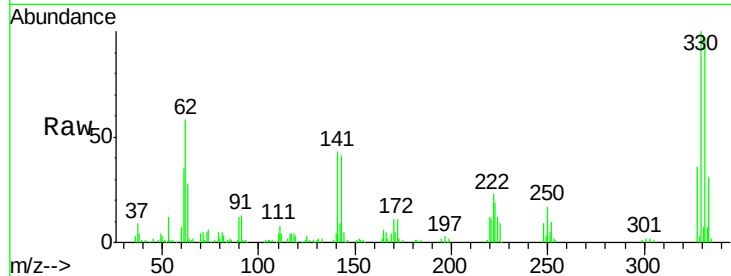
#41
 2,4,6-Tribromophenol
 Concen: 111.09 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080034.D
 Acq: 17 Jun 2015 21:01

Instrument :
 BNA_F
 ClientSampled :
 AST-TS-001

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	90231		
332	97.8	76.6	114.8	
141	40.0	29.7	44.5	

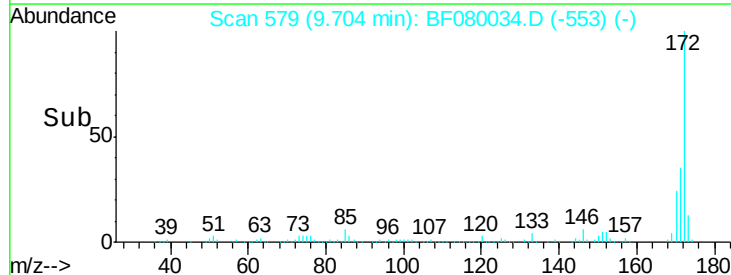
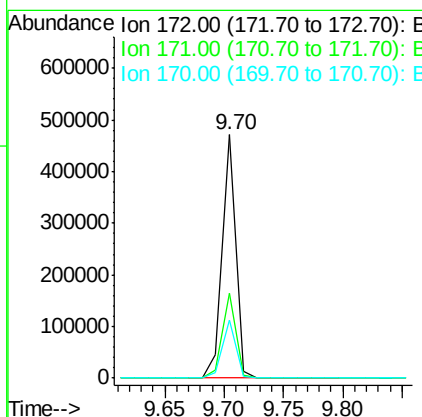
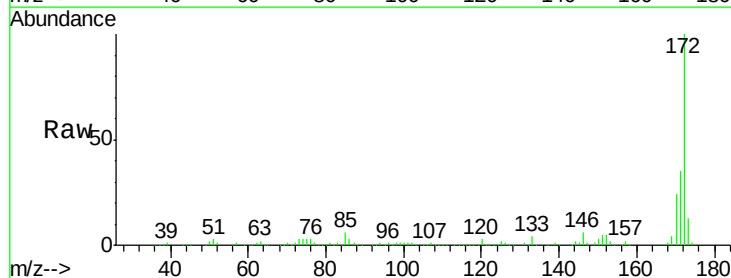
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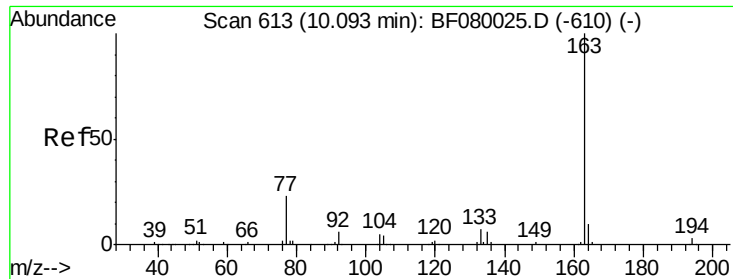
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#44
 2-Fluorobiphenyl
 Concen: 62.89 ng
 RT: 9.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF080034.D
 Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	366293		
171	35.0	26.1	39.1	
170	23.6	17.4	26.2	





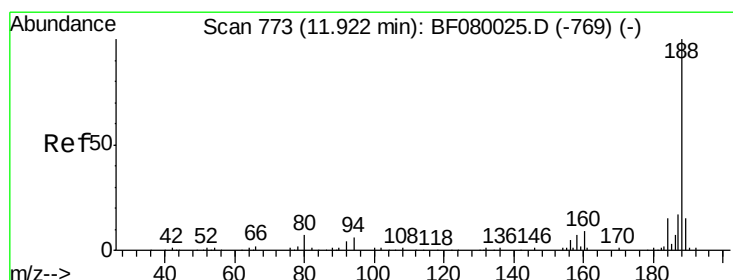
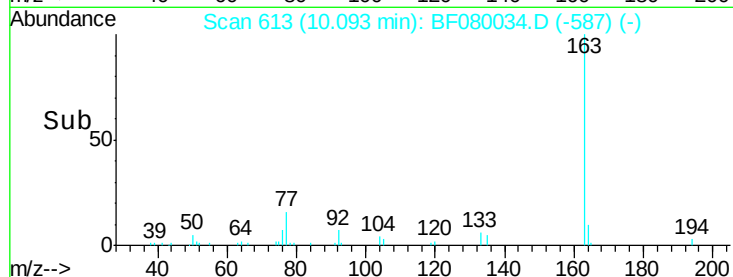
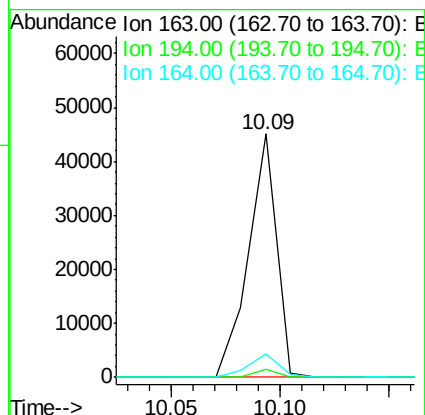
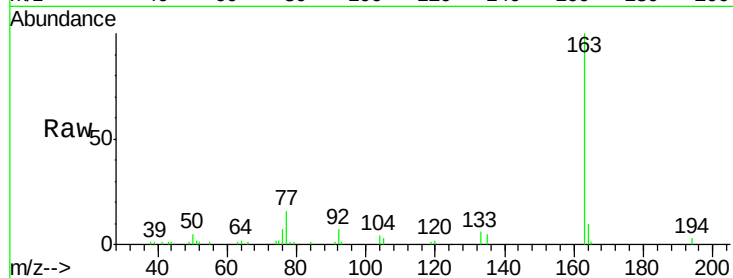
#49
Dimethylphthalate
Concen: 6.44 ng
RT: 10.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	4.4	6.6#
164	9.7	8.3	12.5

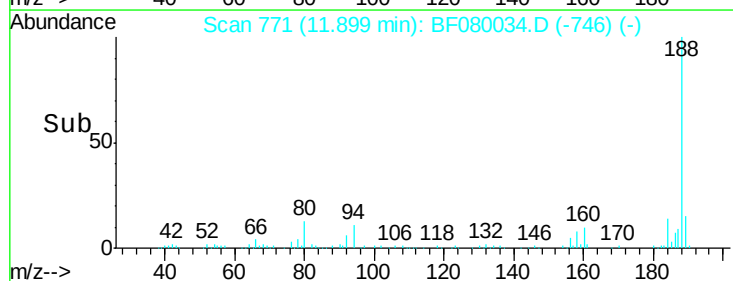
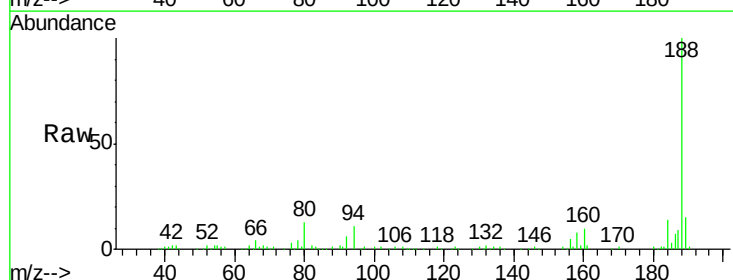
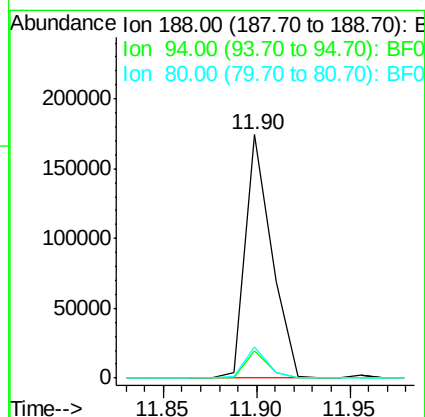
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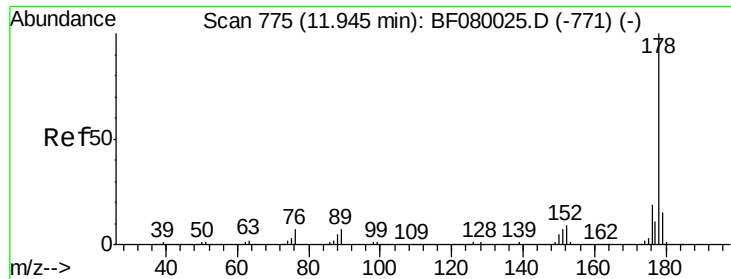
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	11.1	16.7
80	12.8	11.0	16.4





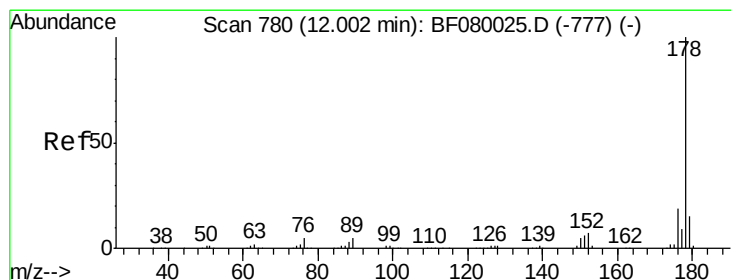
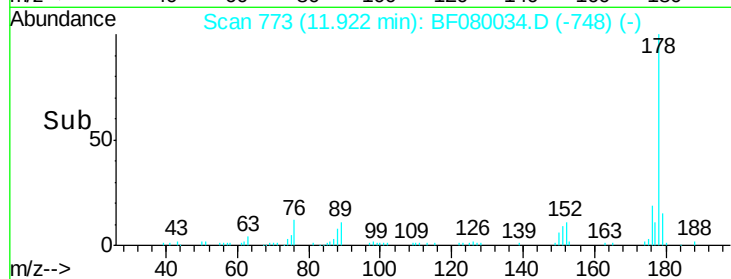
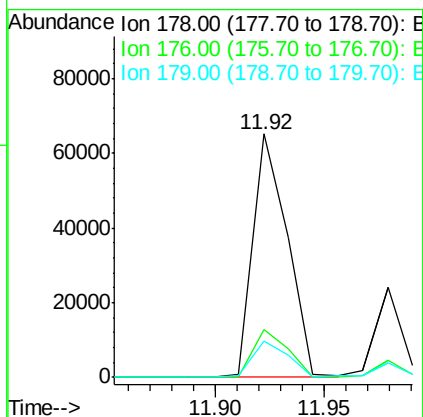
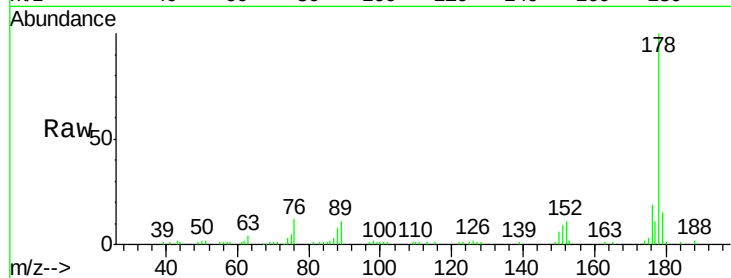
#70
Phenanthrene
Concen: 6.92 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	13.8	20.8
179	15.1	12.2	18.2

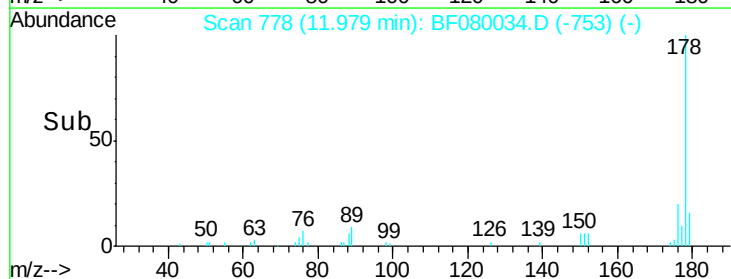
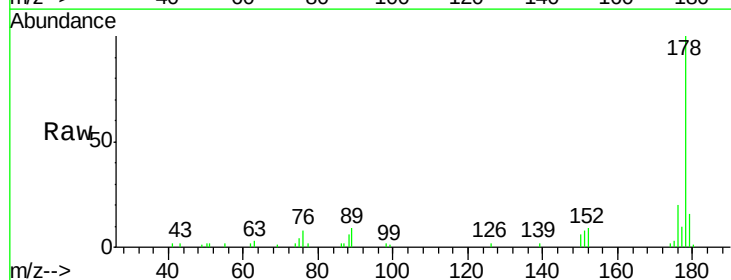
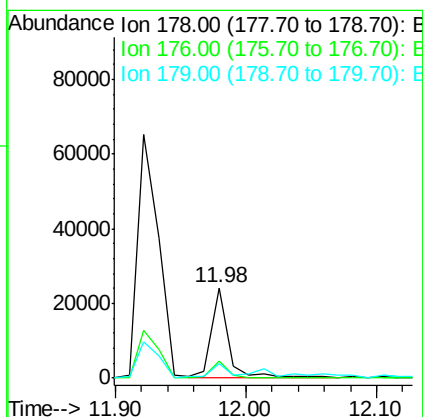
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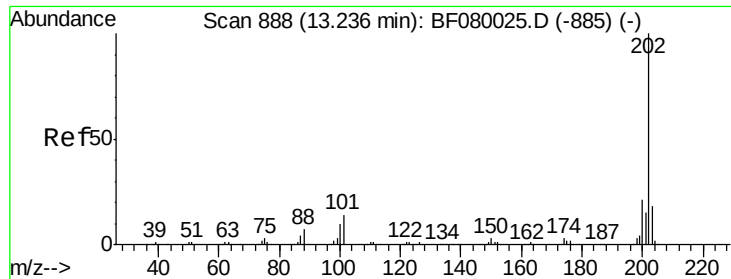
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#71
Anthracene
Concen: 2.25 ng
RT: 11.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.1	21.1
179	15.7	12.2	18.2





#74

Fluoranthene

Concen: 11.29 ng

RT: 13.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF080034.D

Acq: 17 Jun 2015 21:01

Instrument :

BNA_F

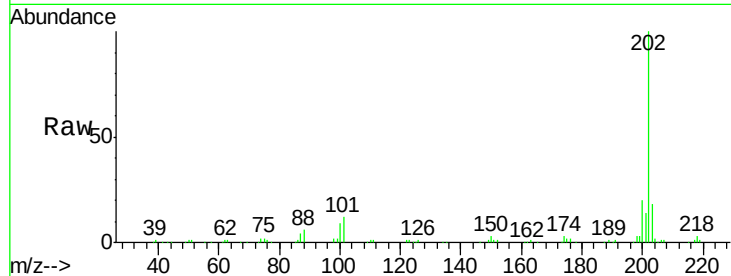
ClientSampleId :

AST-TS-001

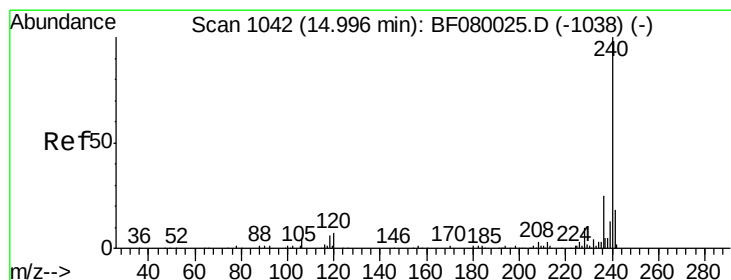
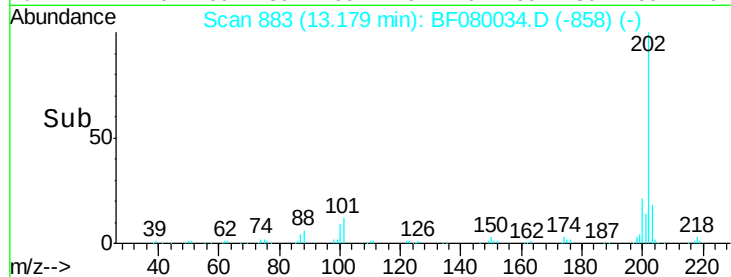
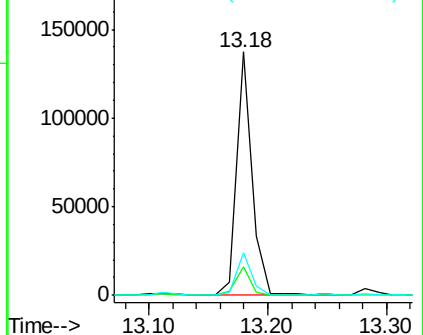
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		124449		
101	11.8	0.0	38.3		
203	17.8	0.0	37.3		

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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

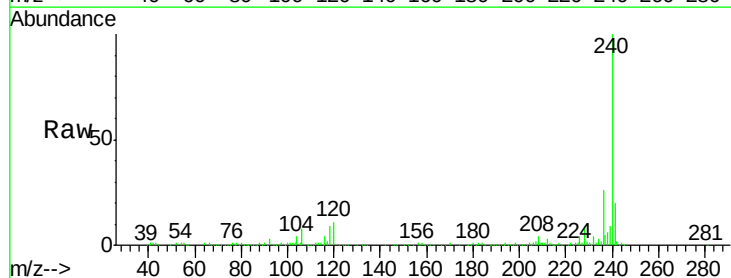
RT: 14.85 min Scan# 1029

Delta R.T. -0.01 min

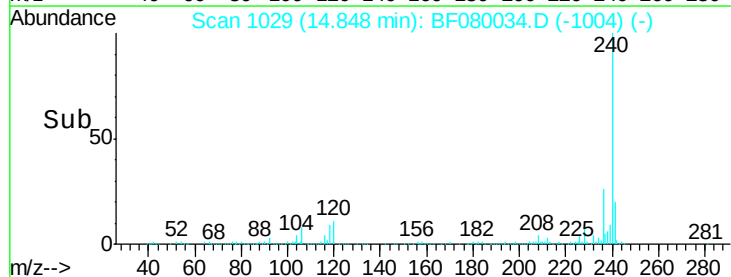
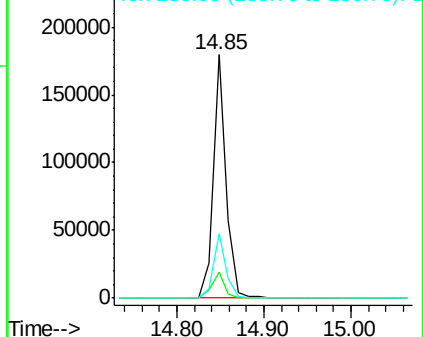
Lab File: BF080034.D

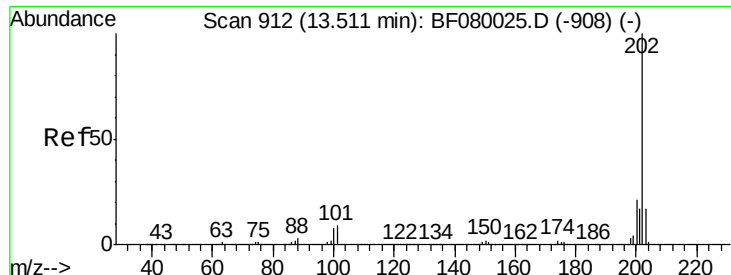
Acq: 17 Jun 2015 21:01

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		186421		
120	10.8	16.2	24.2#		
236	26.4	18.4	27.6		



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: 13.01 ng

RT: 13.44 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF080034.D

Acq: 17 Jun 2015 21:01

Instrument :

BNA_F

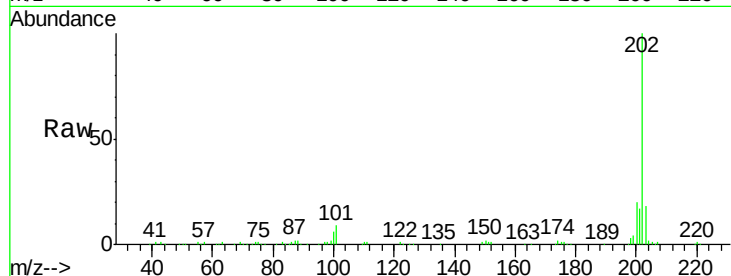
ClientSampled :

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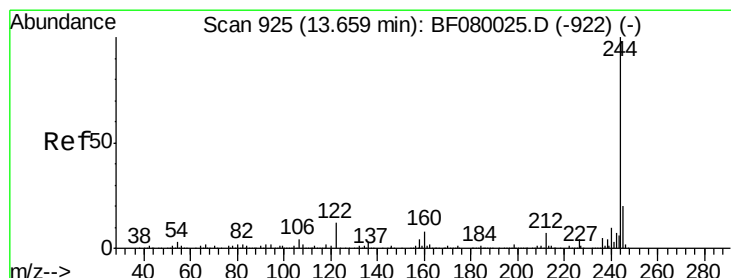
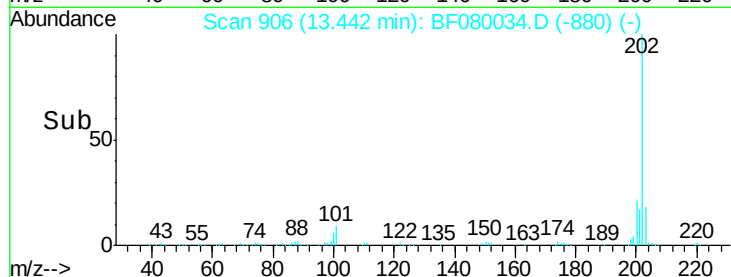
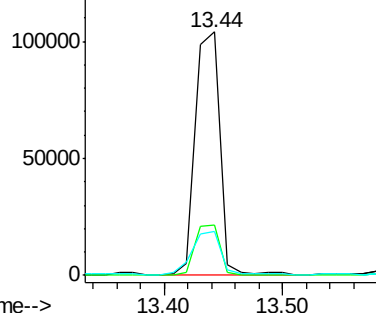
Tgt Ion:	202	Resp:	149323
Ion Ratio	Lower	Upper	
202	100		
200	20.5	15.0	22.4
203	18.0	14.1	21.1

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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: 50.60 ng

RT: 13.58 min Scan# 918

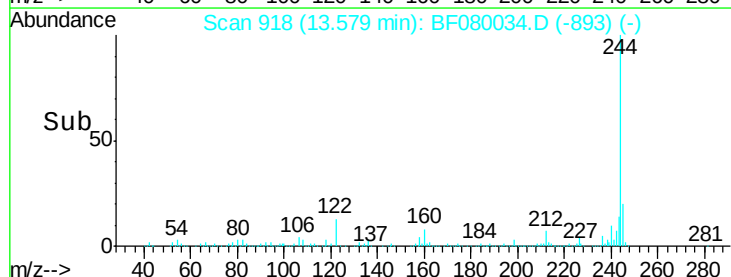
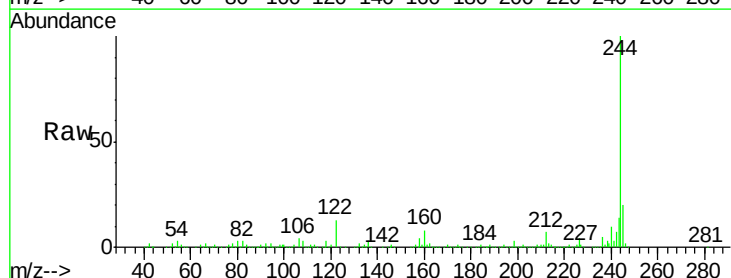
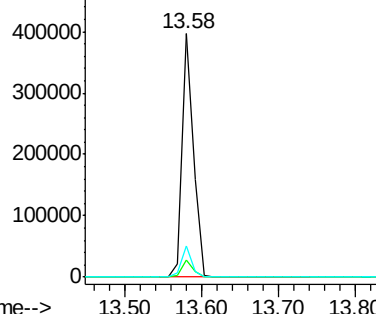
Delta R.T. -0.01 min

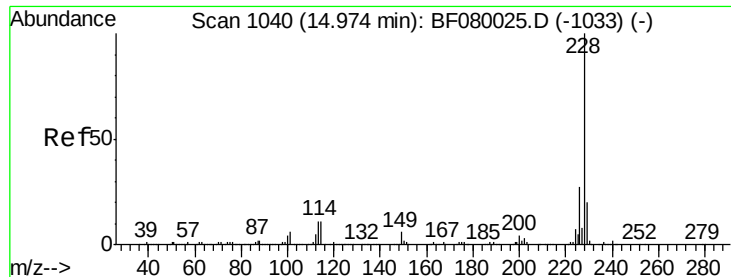
Lab File: BF080034.D

Acq: 17 Jun 2015 21:01

Tgt Ion:	244	Resp:	403890
Ion Ratio	Lower	Upper	
244	100		
212	7.1	4.3	6.5#
122	12.9	17.4	26.2#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





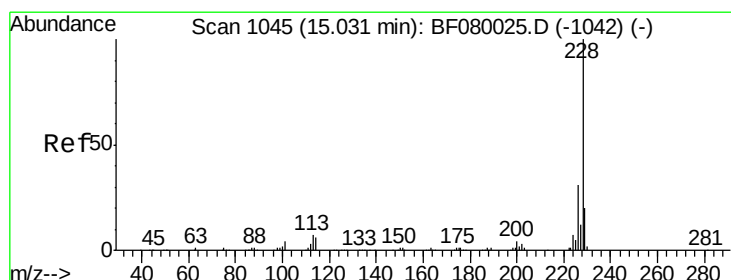
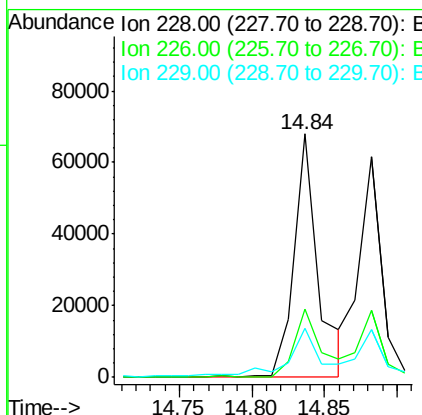
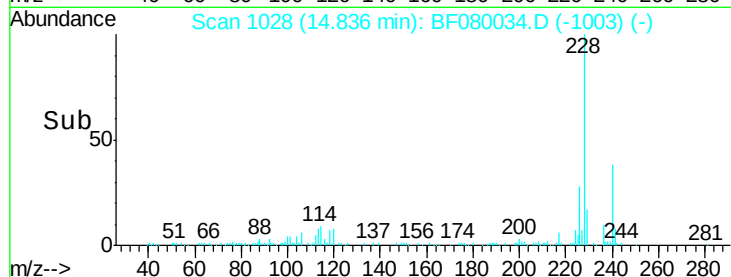
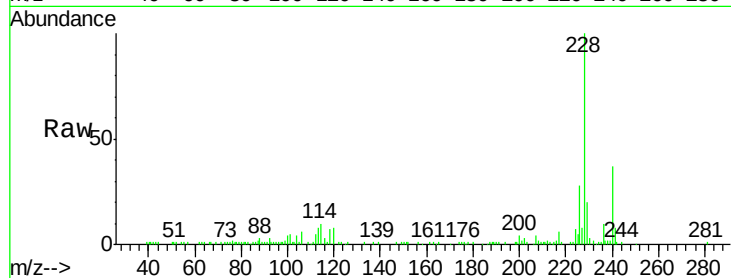
#80
Benzo(a)anthracene
Concen: 6.96 ng
RT: 14.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.0	30.0
229	19.9	15.4	23.2

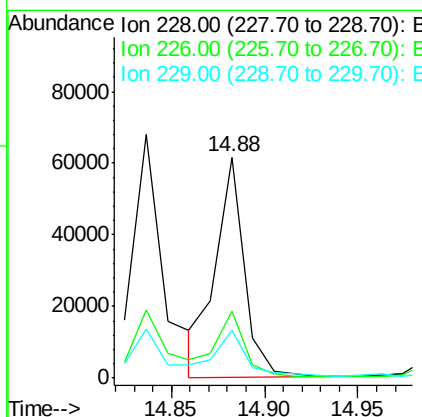
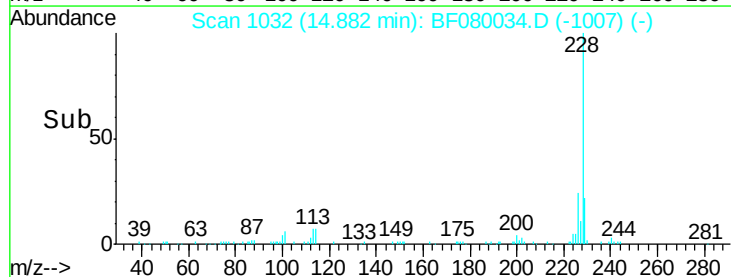
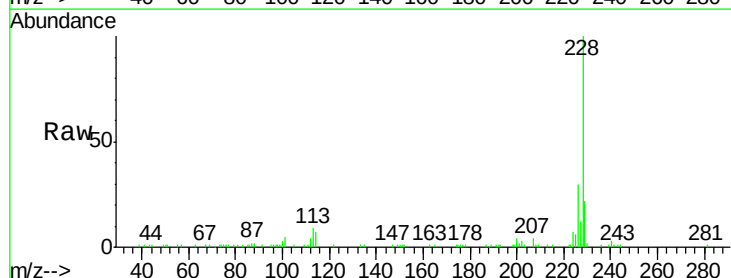
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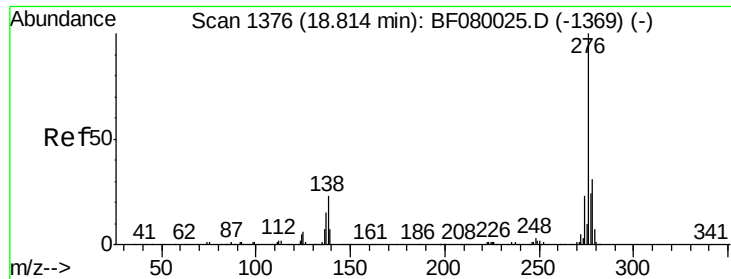
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#82
Chrysene
Concen: 6.37 ng
RT: 14.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	21.9	15.6	23.4





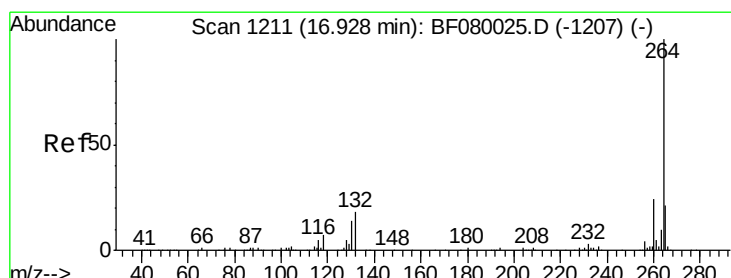
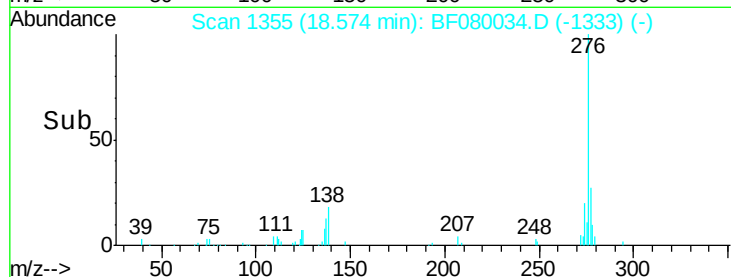
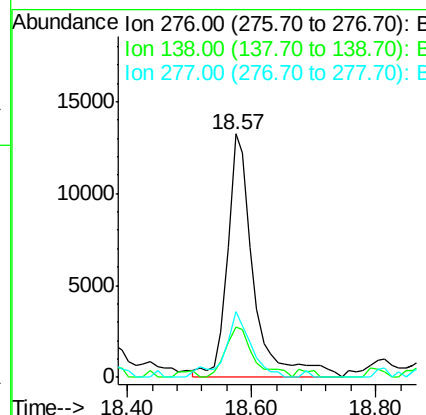
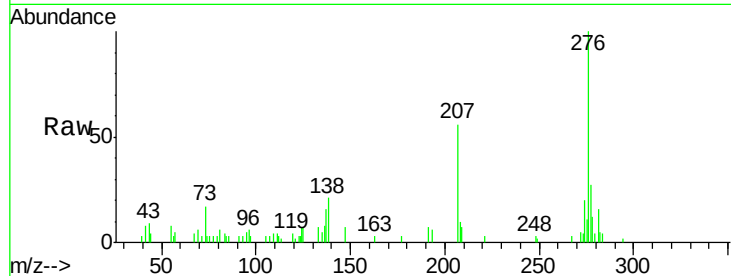
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.91 ng
RT: 18.57 min Scan# 1355
Delta R.T. -0.05 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.7	38.5#
277	27.0	15.6	23.4#

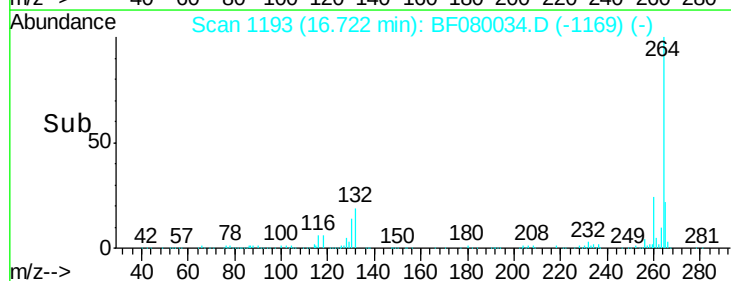
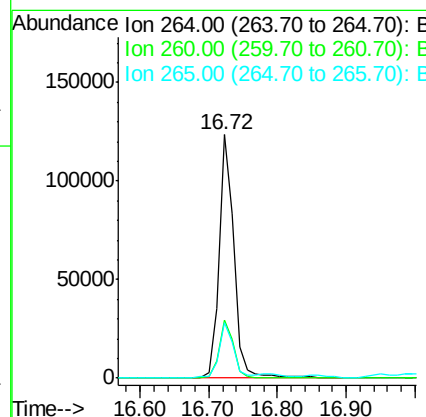
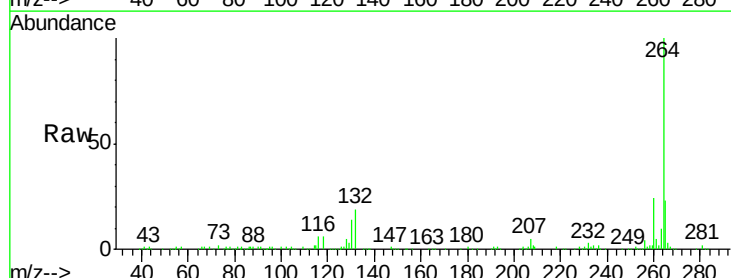
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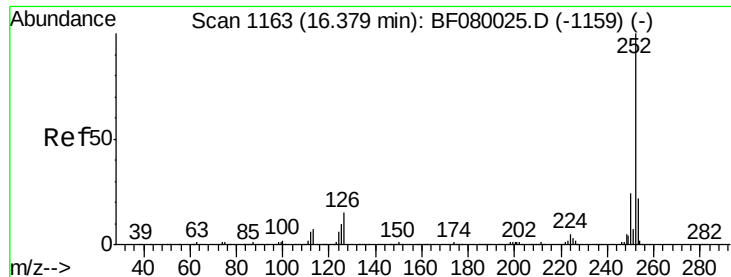
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.72 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 6.71 ng m

RT: 16.19 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF080034.D

Acq: 17 Jun 2015 21:01

Instrument :

BNA_F

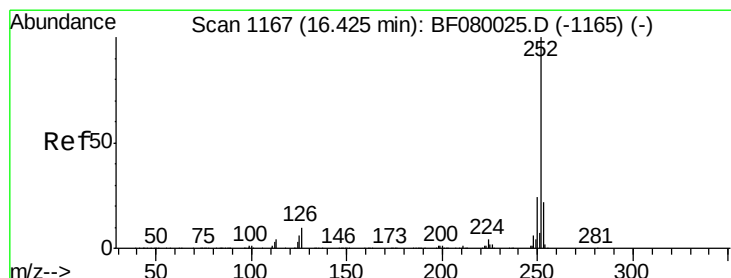
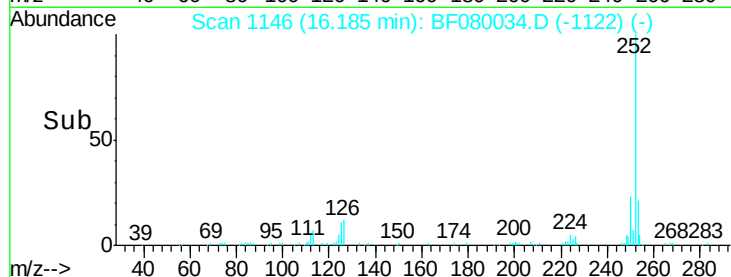
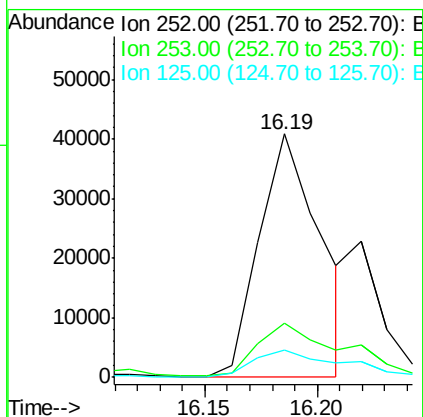
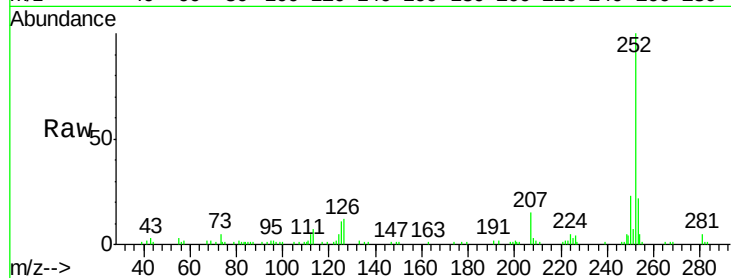
ClientSampled :

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Tgt Ion:	252	Resp:	76710
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	11.3	17.1	25.7

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#88

Benzo(k)fluoranthene

Concen: 2.15 ng m

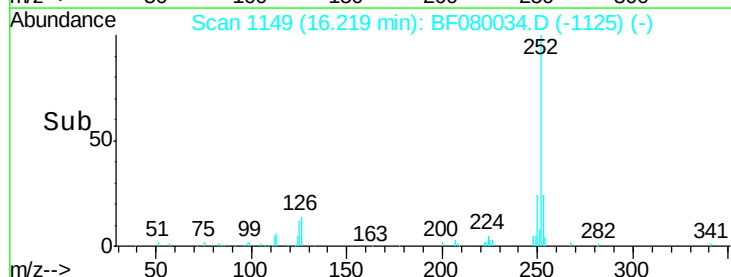
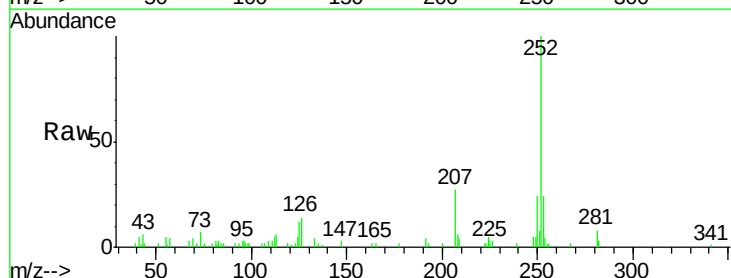
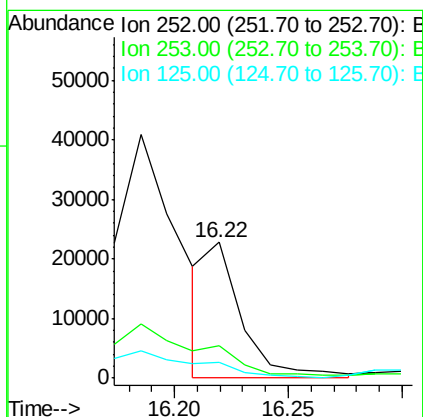
RT: 16.22 min Scan# 1149

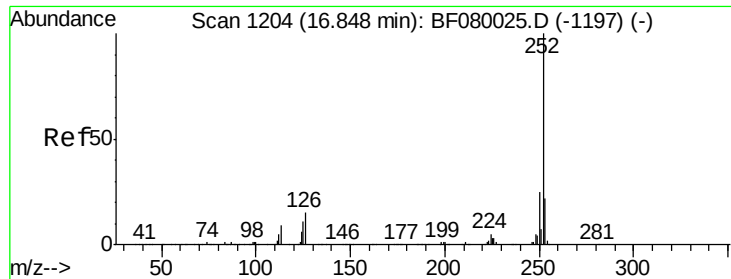
Delta R.T. -0.02 min

Lab File: BF080034.D

Acq: 17 Jun 2015 21:01

Tgt Ion:	252	Resp:	24990
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.0	25.4
125	11.6	16.0	24.0





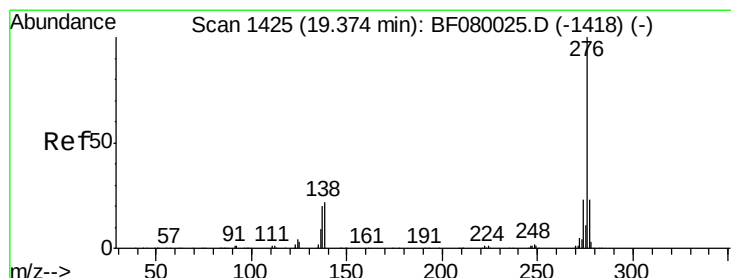
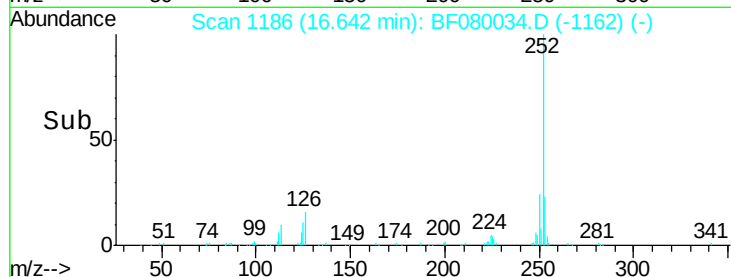
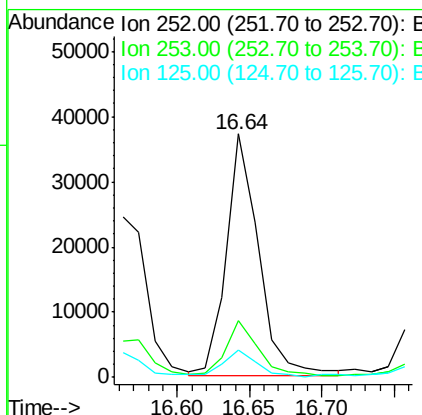
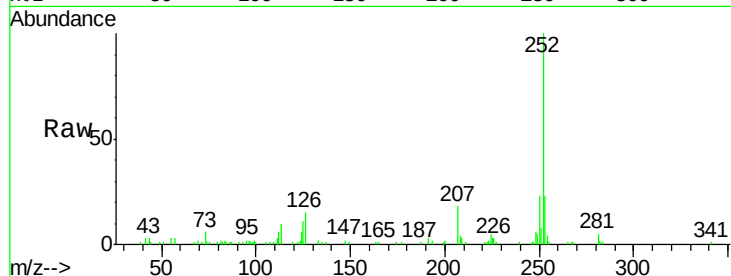
#89
Benzo(a)pyrene
Concen: 5.27 ng
RT: 16.64 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.1	18.0	27.0#

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#91
Benzo(g,h,i)perylene
Concen: 3.43 ng
RT: 19.13 min Scan# 1404
Delta R.T. -0.05 min
Lab File: BF080034.D
Acq: 17 Jun 2015 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.8	26.6
138	23.0	34.6	51.8#

