

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080011.D
 Acq On : 17 Jun 2015 4:02
 Operator : TP/IZ
 Sample : G2649-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

Manual Integrations
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Quant Time: Jun 17 05:50:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	43519	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	175073	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	88385	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	178310	20.00	ng	0.00
75) Chrysene-d12	14.85	240	203531	20.00	ng	-0.06
86) Perylene-d12	16.71	264	203463	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	276155	116.36	ng	0.00
7) Phenol-d6	6.95	99	395403	122.28	ng	0.00
23) Nitrobenzene-d5	7.91	82	200194	75.45	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	89081	100.75	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	373899	59.24	ng	0.00
78) Terphenyl-d14	13.59	244	440254	49.87	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	10.10	163	44836	6.33	ng	98
70) Phenanthrene	11.94	178	78301	7.37	ng	99
71) Anthracene	11.99	178	21605	2.10	ng	99
74) Fluoranthene	13.19	202	135365	11.52	ng	99
77) Pyrene	13.44	202	161657	12.65	ng	100
80) Benzo(a)anthracene	14.83	228	78167	6.05	ng	97
82) Chrysene	14.87	228	76257	5.60	ng	97
85) Indeno(1,2,3-cd)pyrene	18.56	276	36736	2.71	ng	# 90
87) Benzo(b)fluoranthene	16.16	252	77813m	6.24	ng	
88) Benzo(k)fluoranthene	16.20	252	29116m	2.29	ng	
89) Benzo(a)pyrene	16.63	252	59989m	5.06	ng	
91) Benzo(g,h,i)perylene	19.13	276	42954	3.56	ng	98

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

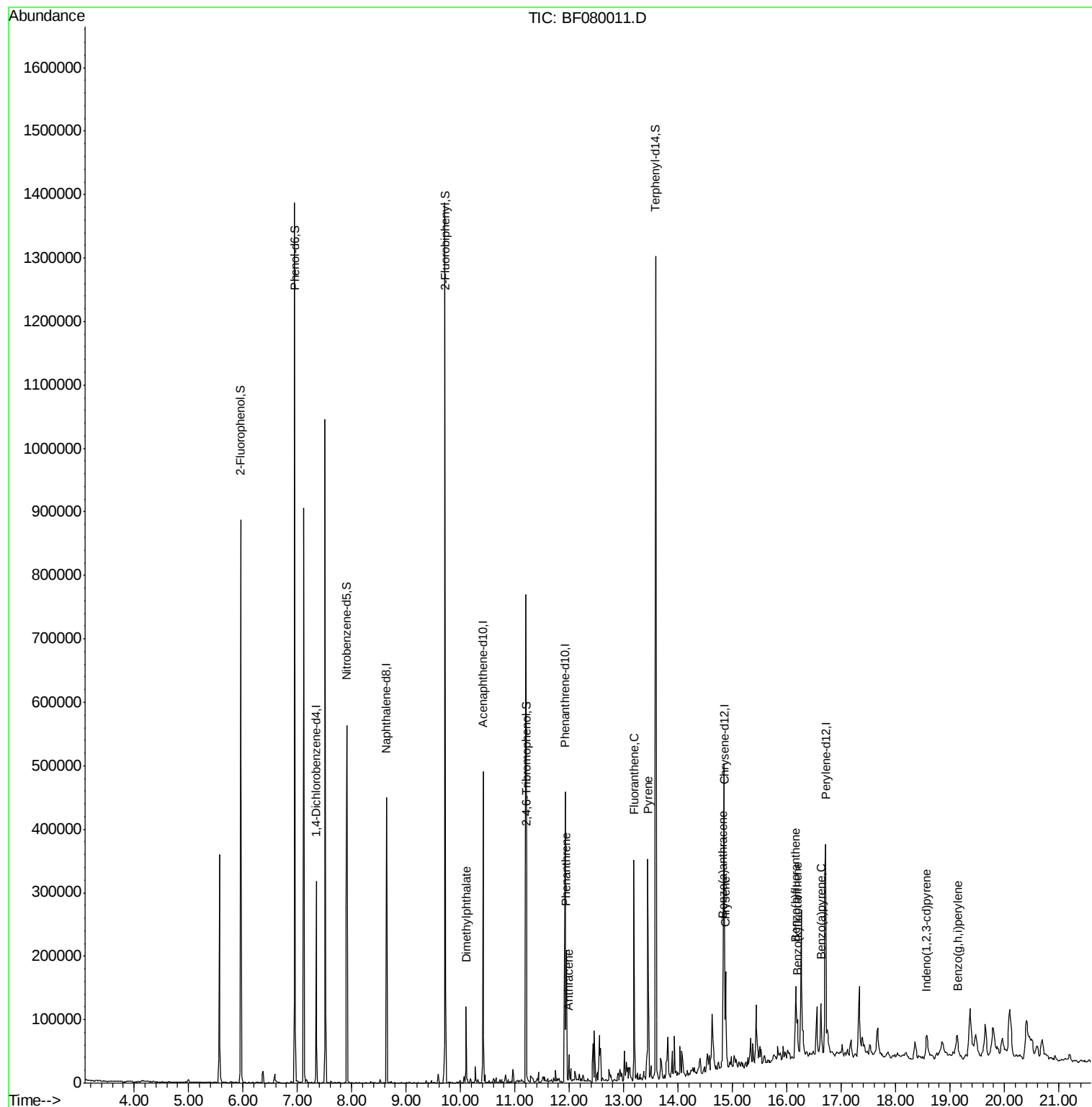
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080011.D
Acq On : 17 Jun 2015 4:02
Operator : TP/IZ
Sample : G2649-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

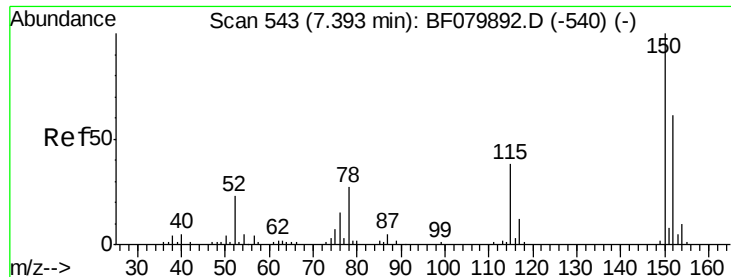
Instrument :
BNA_F
ClientSampleId :
AST-TS-001

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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#1

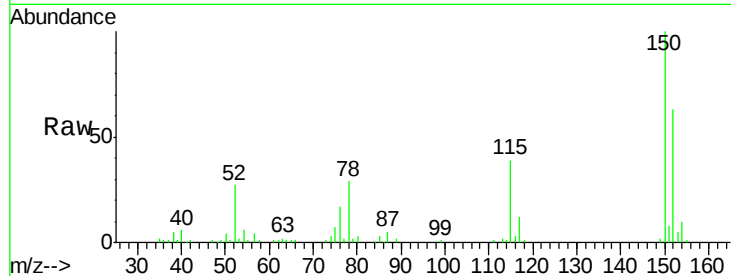
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

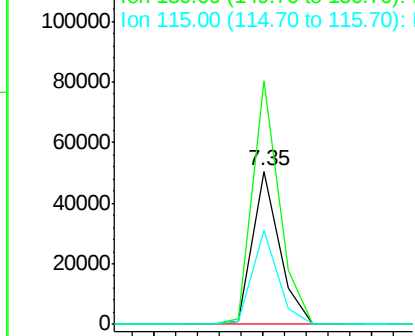
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	131.0	196.4
115	61.5	49.8	74.6

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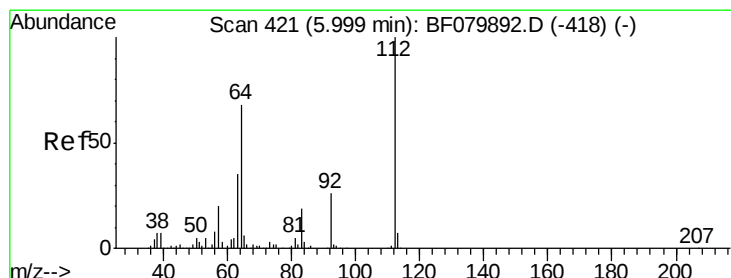
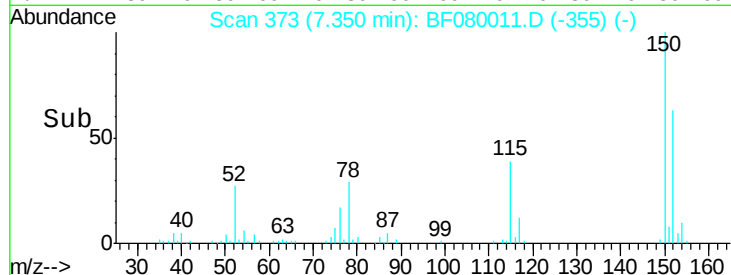
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



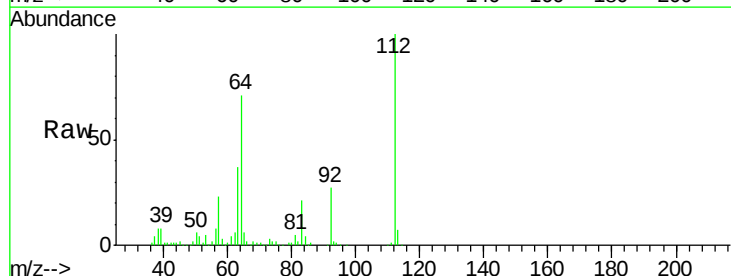
Time-->



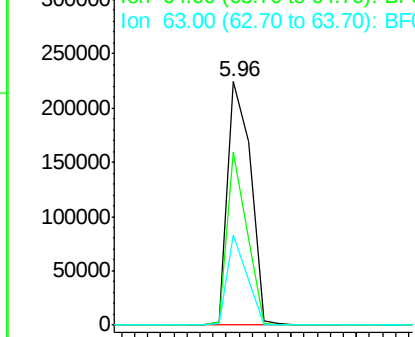
#5

2-Fluorophenol
Concen: 116.36 ng
RT: 5.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

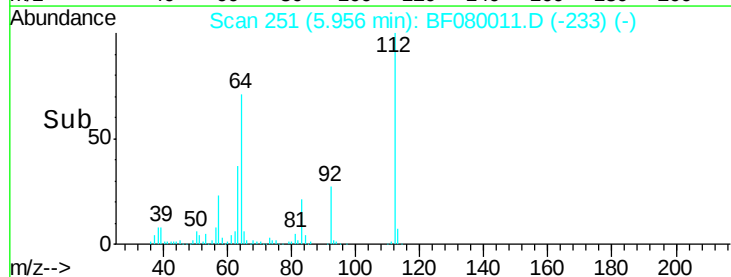
Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	54.5	81.7
63	36.7	27.9	41.9



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



Time-->





#7

Phenol-d6

Concen: 122.28 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080011.D

Acq: 17 Jun 2015 4:02

Instrument :

BNA_F

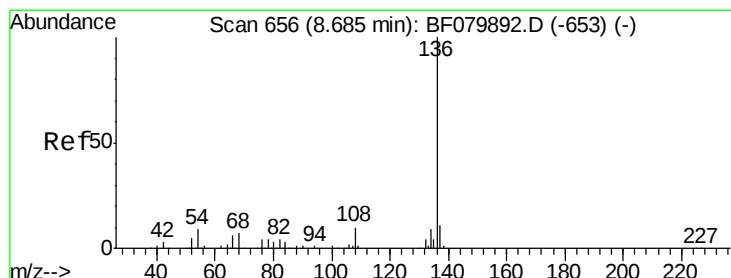
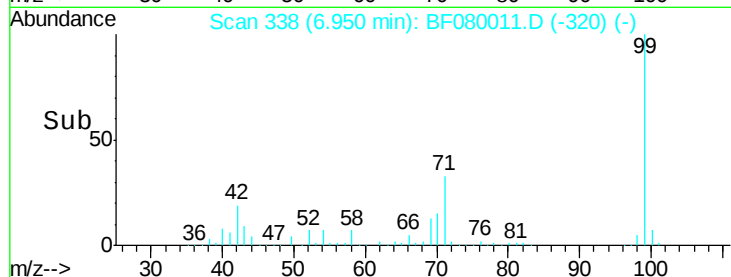
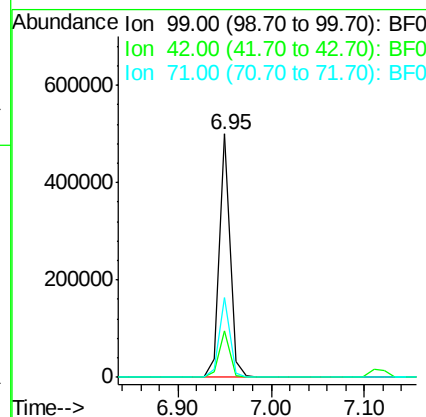
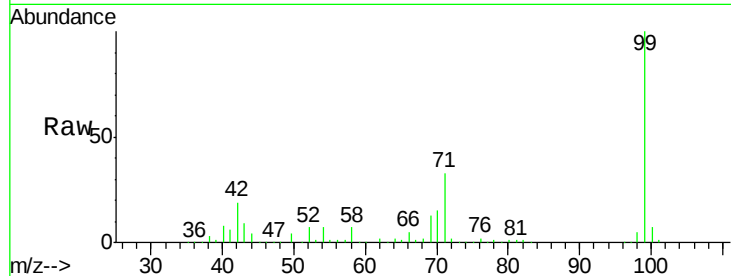
ClientSampleId :

AST-TS-001

Tgt Ion:	99	Resp:	395403
Ion Ratio	Lower	Upper	
99	100		
42	19.3	12.9	19.3
71	33.0	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

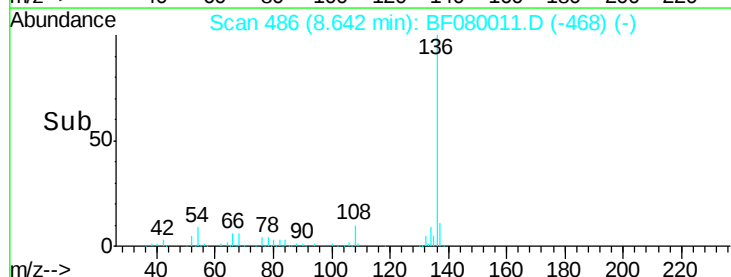
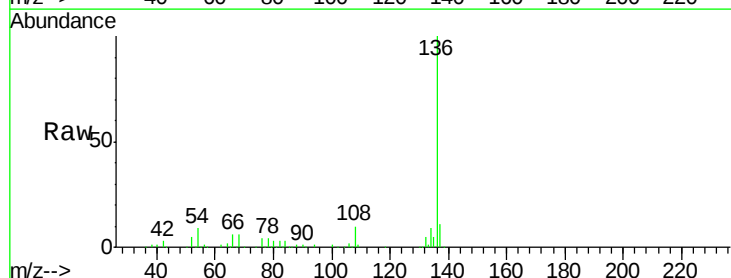
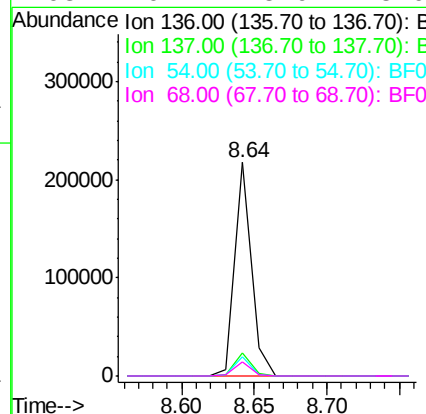
RT: 8.64 min Scan# 486

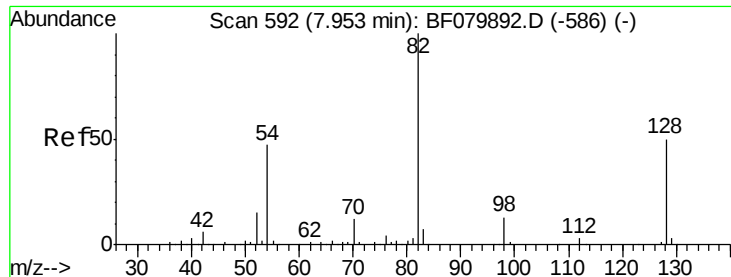
Delta R.T. 0.00 min

Lab File: BF080011.D

Acq: 17 Jun 2015 4:02

Tgt Ion:	136	Resp:	175073
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	8.8	7.3	10.9
68	6.4	5.9	8.9





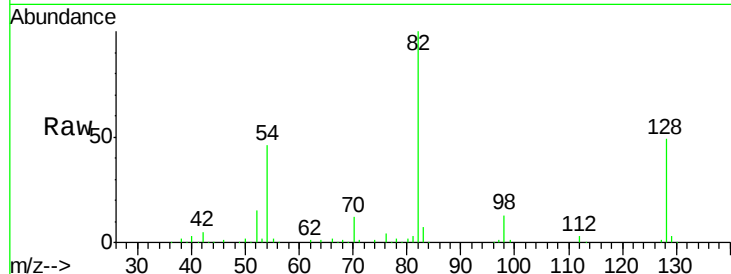
#23
 Nitrobenzene-d5
 Concen: 75.45 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Instrument :
 BNA_F
 ClientSampled :
 AST-TS-001

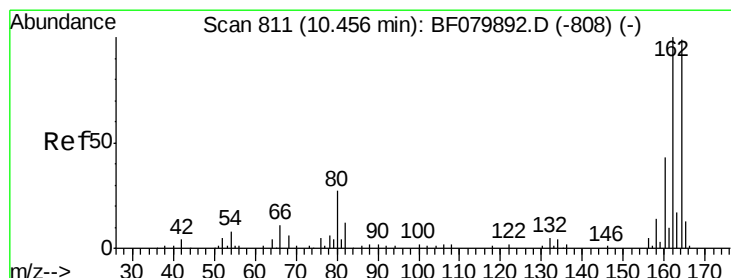
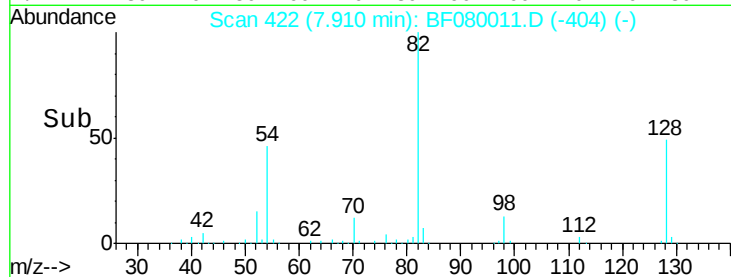
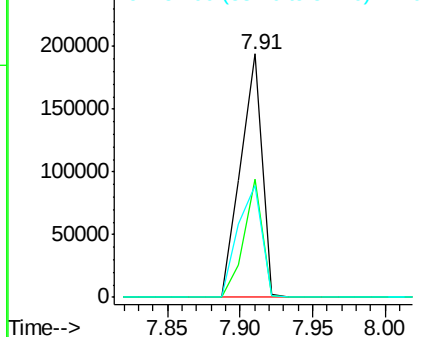
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.3	60.5
54	45.7	38.0	57.0

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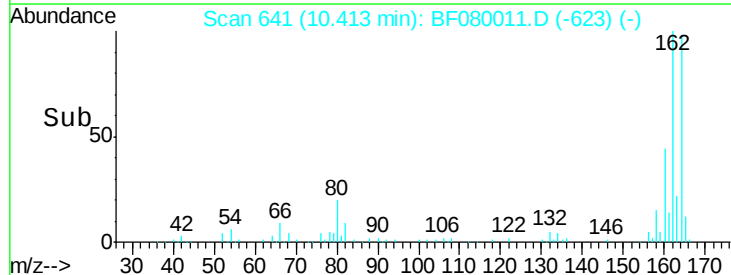
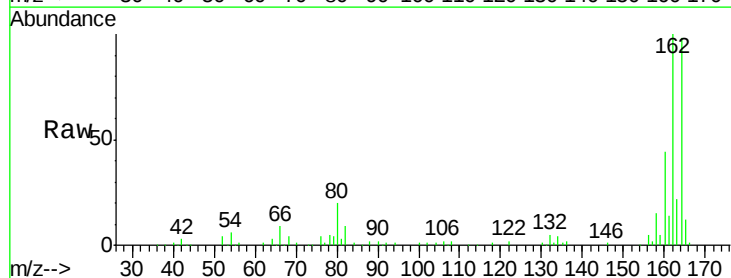
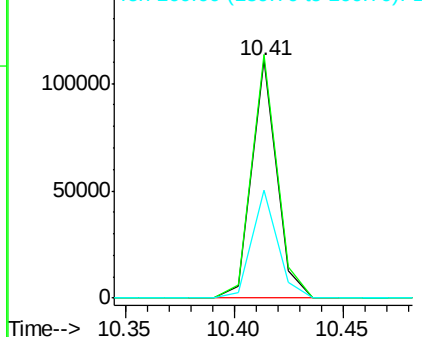
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	45.5	34.6	51.8

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





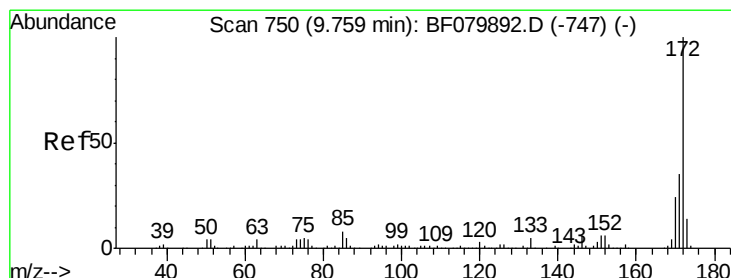
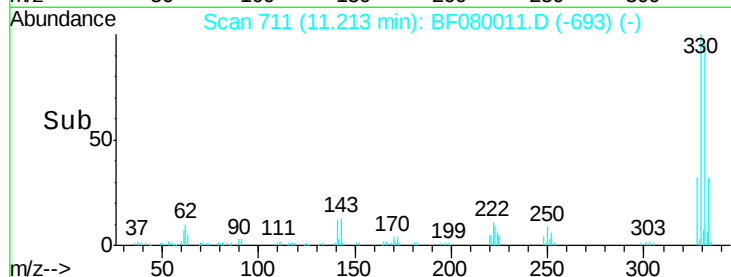
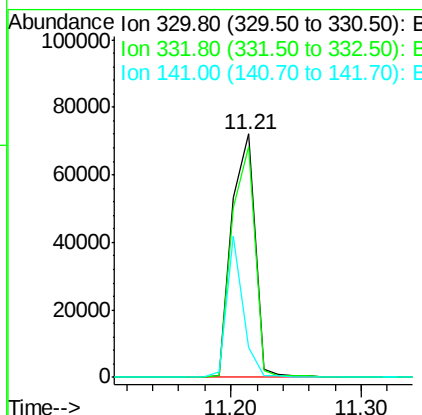
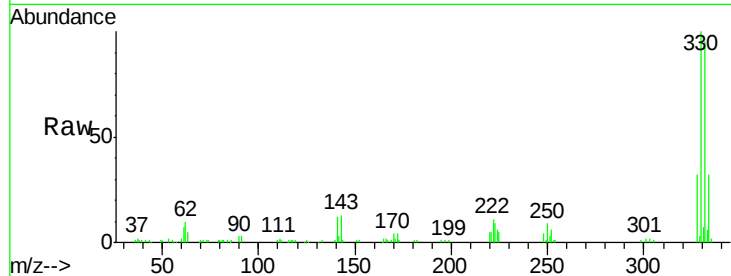
#41
 2,4,6-Tribromophenol
 Concen: 100.75 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	89081		
332	94.3	77.3	115.9	
141	40.9	26.8	40.2#	

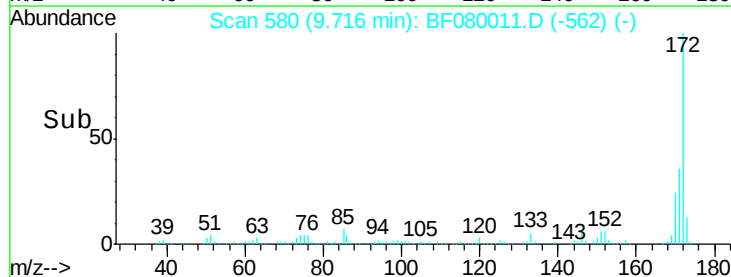
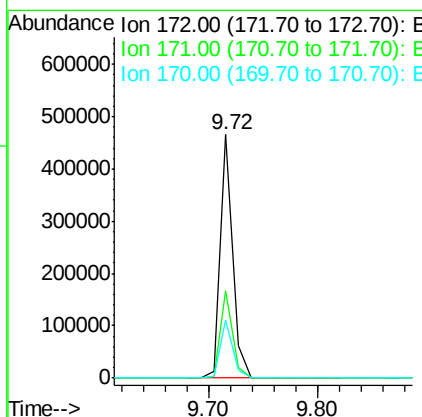
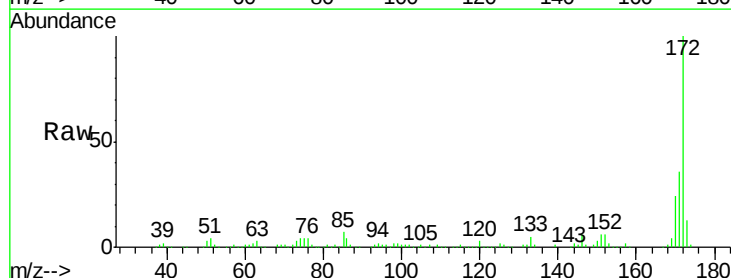
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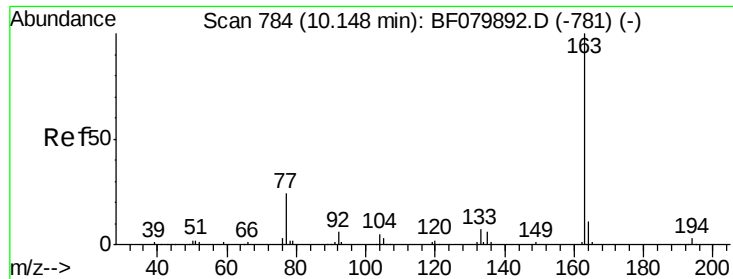
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#44
 2-Fluorobiphenyl
 Concen: 59.24 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	373899		
171	35.7	28.3	42.5	
170	23.9	19.0	28.4	





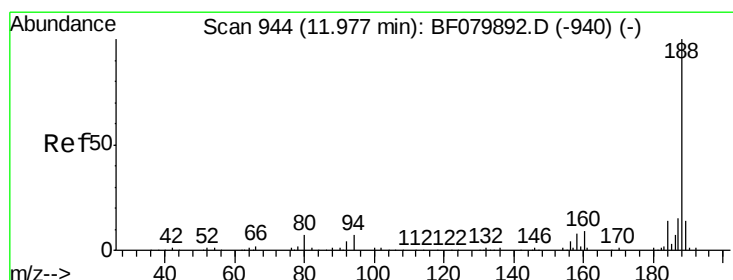
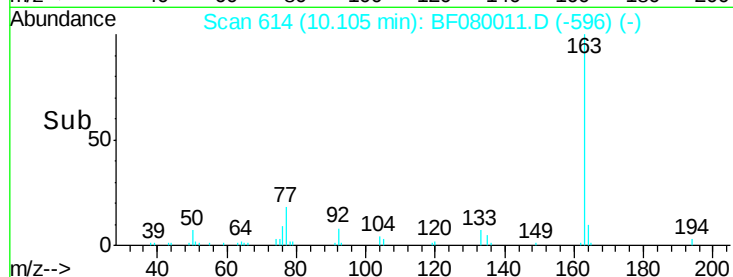
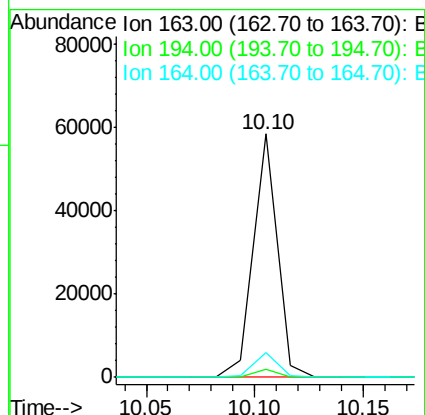
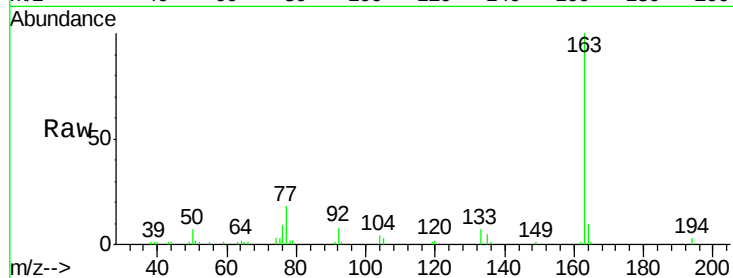
#49
Dimethylphthalate
Concen: 6.33 ng
RT: 10.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.6	12.8

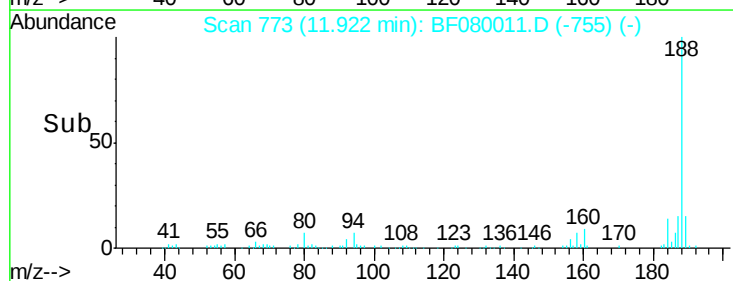
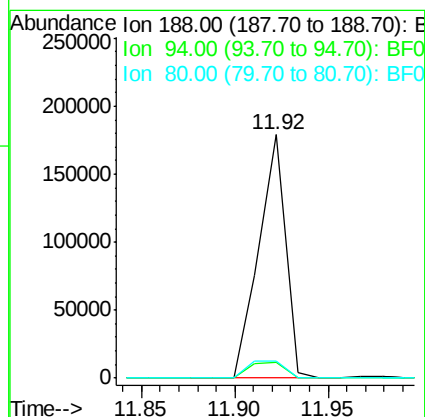
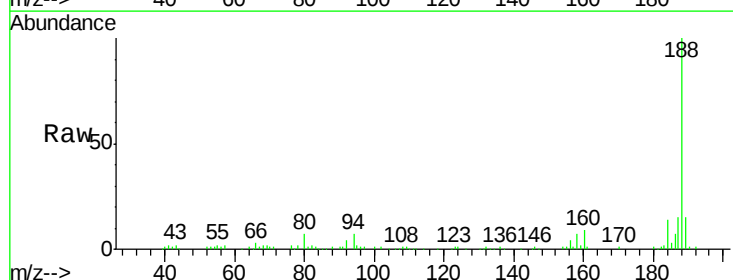
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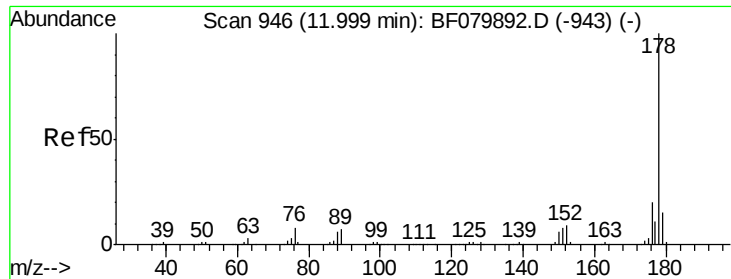
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.6	5.8	8.8
80	7.0	5.9	8.9





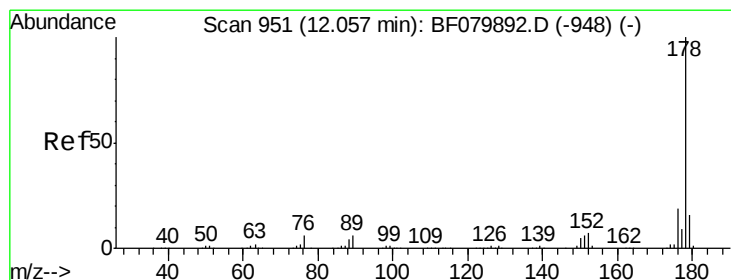
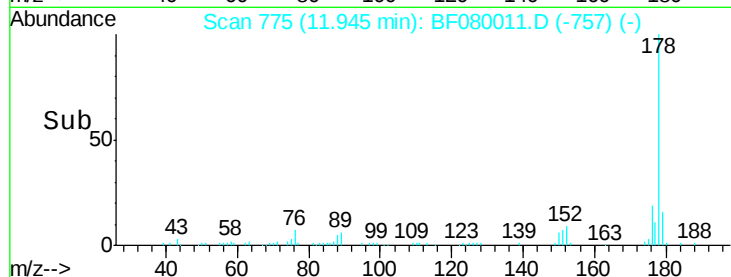
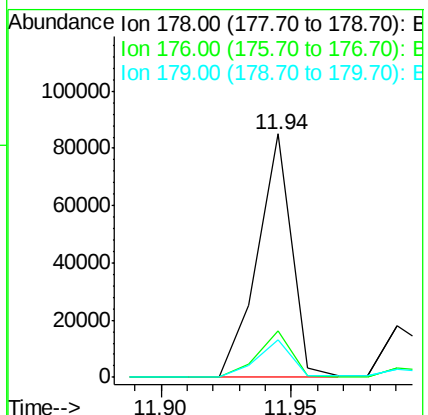
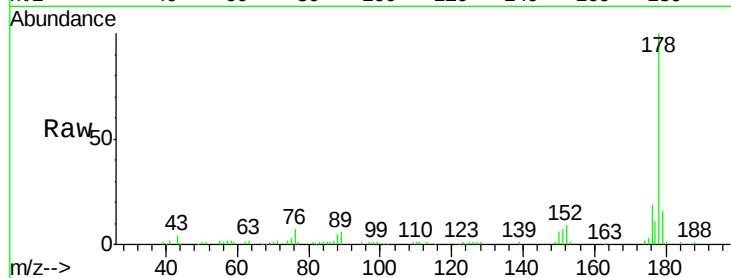
#70
Phenanthrene
Concen: 7.37 ng
RT: 11.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.5	12.3	18.5

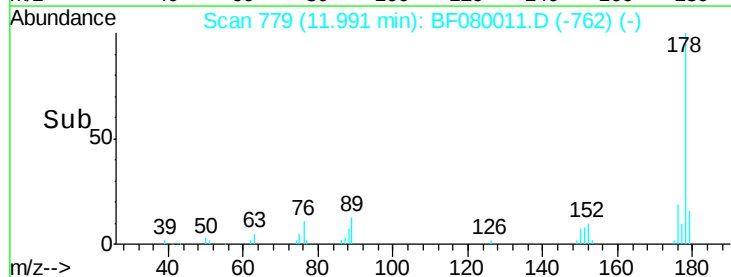
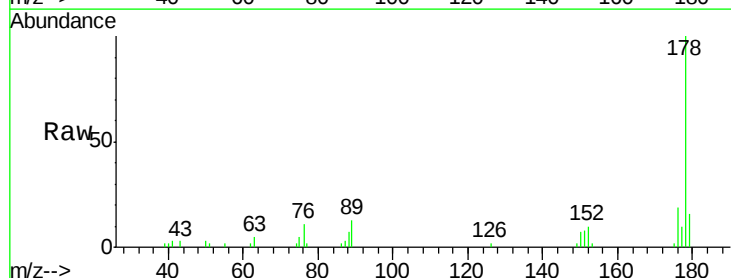
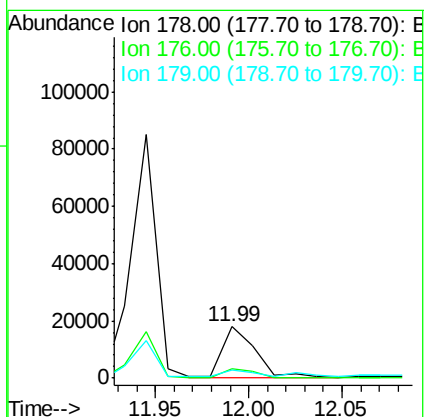
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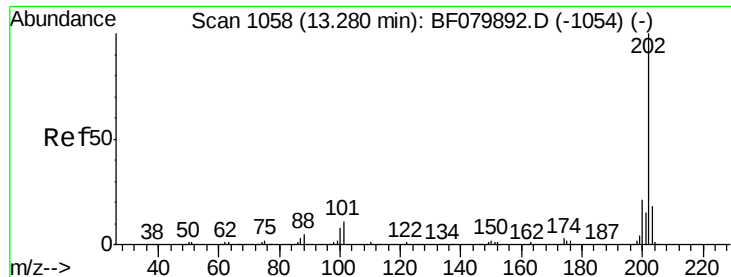
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#71
Anthracene
Concen: 2.10 ng
RT: 11.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	16.0	12.5	18.7





#74

Fluoranthene

Concen: 11.52 ng

RT: 13.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF080011.D

Acq: 17 Jun 2015 4:02

Instrument :

BNA_F

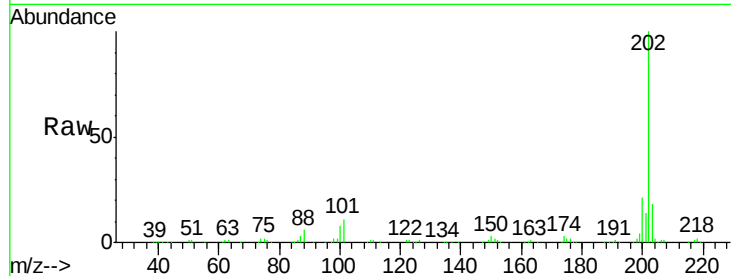
ClientSampleId :

AST-TS-001

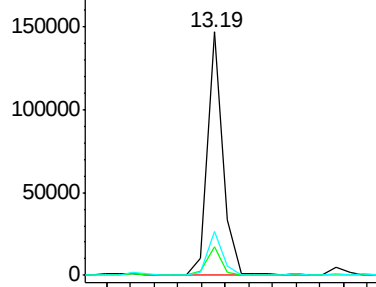
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	0.0	30.7
203	18.1	0.0	38.0

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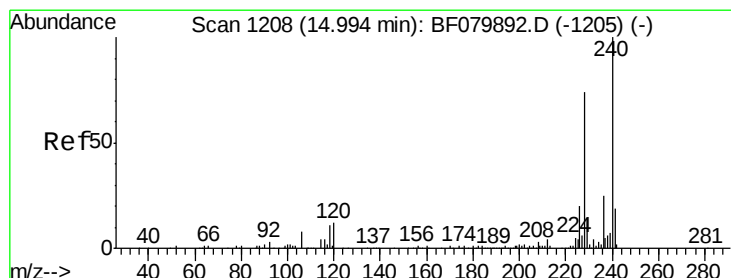
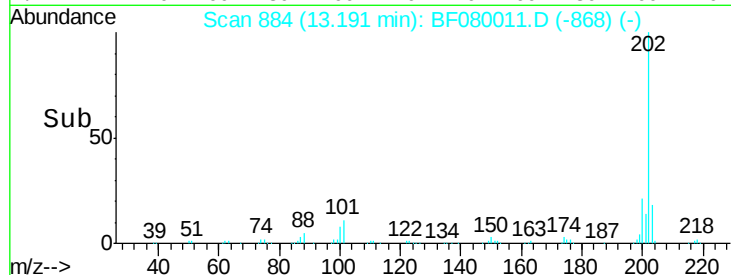
apatel
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

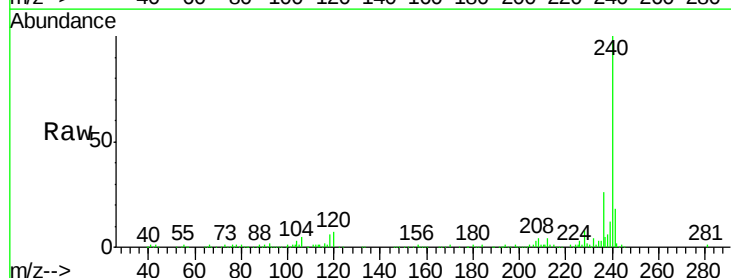
RT: 14.85 min Scan# 1029

Delta R.T. -0.06 min

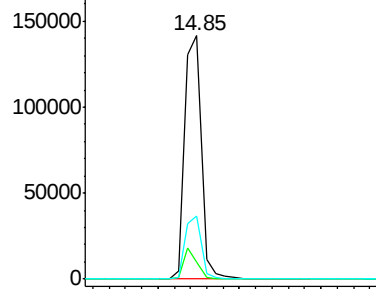
Lab File: BF080011.D

Acq: 17 Jun 2015 4:02

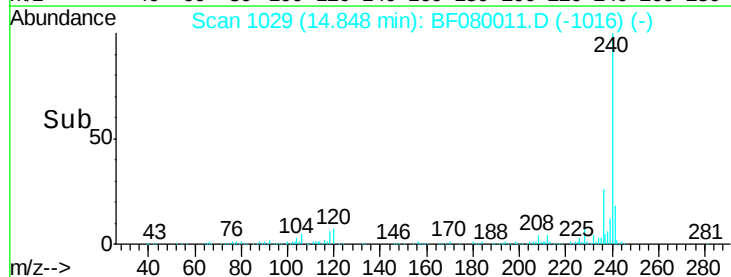
Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.1	9.4	14.2#
236	26.0	19.6	29.4

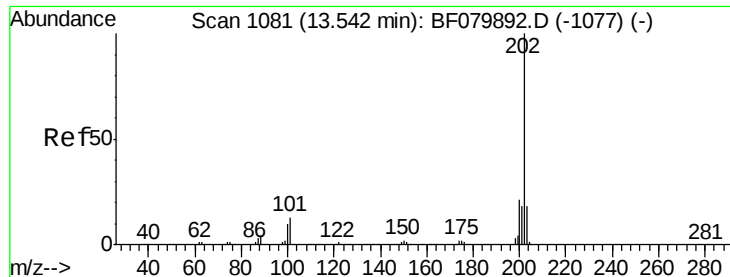


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





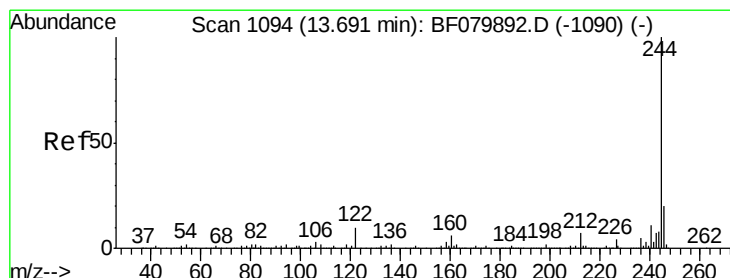
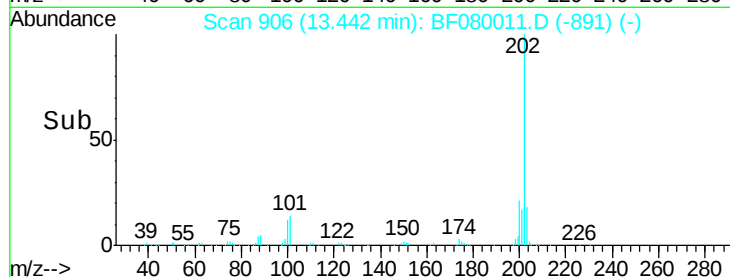
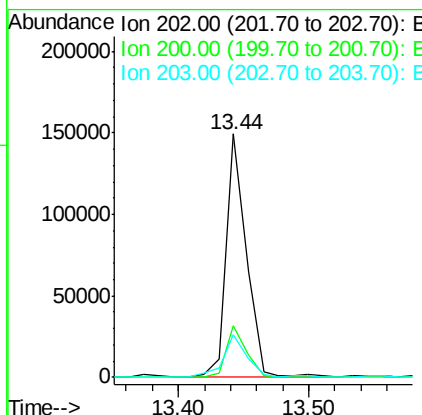
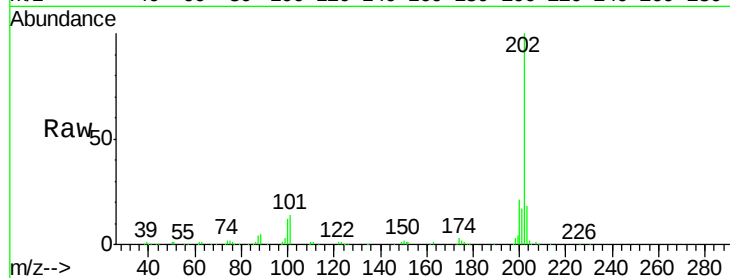
#77
 Pyrene
 Concen: 12.65 ng
 RT: 13.44 min Scan# 906
 Delta R.T. -0.03 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	16.8	25.2
203	17.8	14.4	21.6

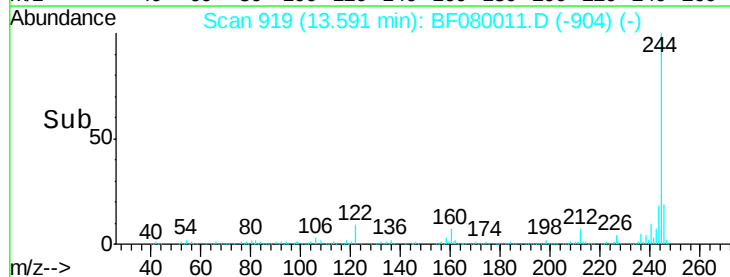
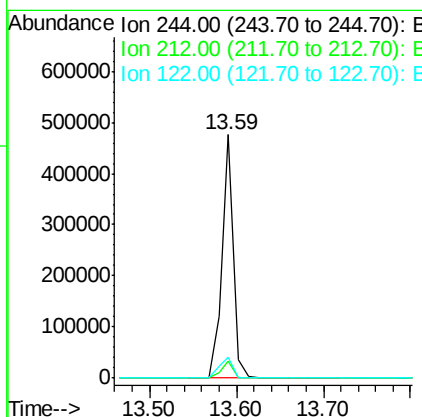
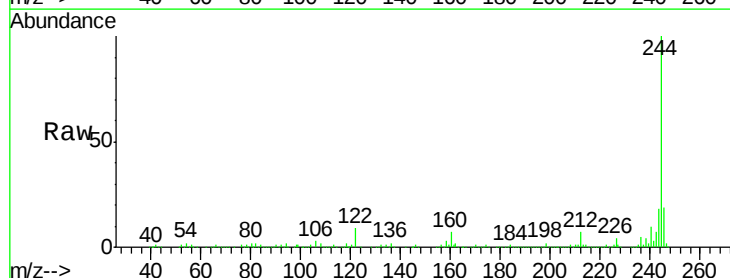
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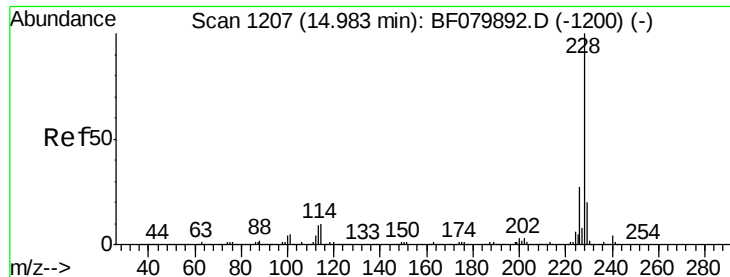
apatel
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#78
 Terphenyl-d14
 Concen: 49.87 ng
 RT: 13.59 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.4	8.2
122	8.7	7.8	11.8





#80

Benzo(a)anthracene

Concen: 6.05 ng

RT: 14.83 min Scan# 1027

Delta R.T. -0.07 min

Lab File: BF080011.D

Acq: 17 Jun 2015 4:02

Instrument :

BNA_F

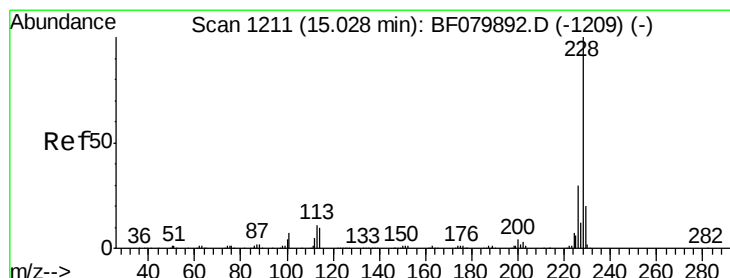
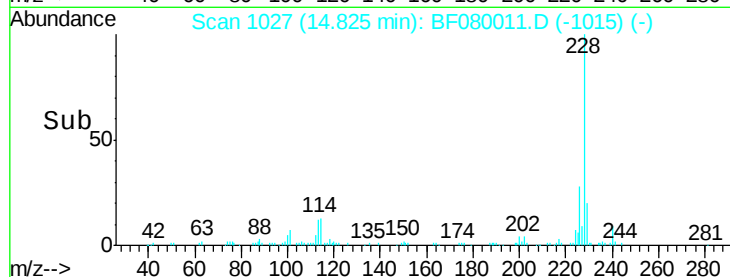
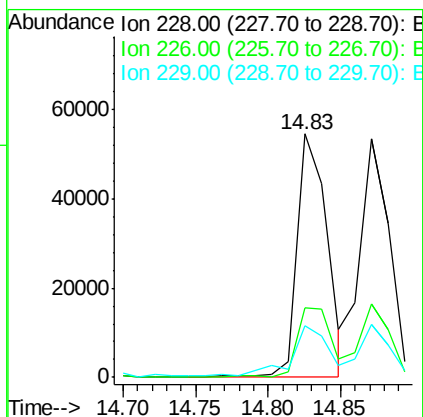
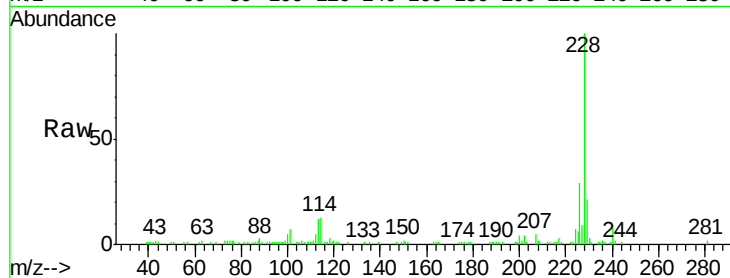
ClientSampleId :

AST-TS-001

Tgt Ion:	228	Resp:	78167
Ion Ratio	Lower	Upper	
228	100		
226	28.6	21.8	32.8
229	21.3	15.9	23.9

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#82

Chrysene

Concen: 5.60 ng

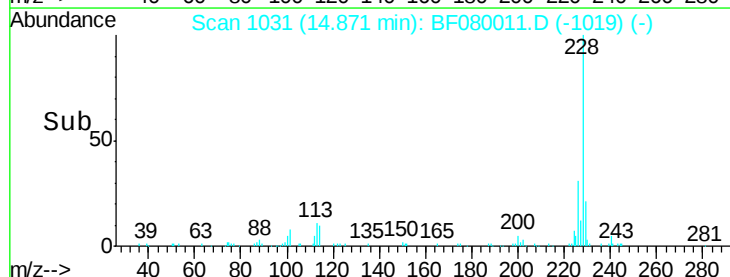
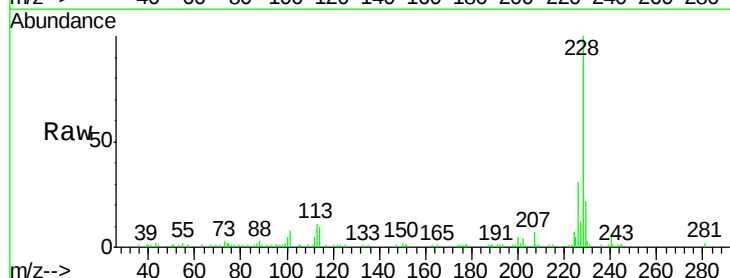
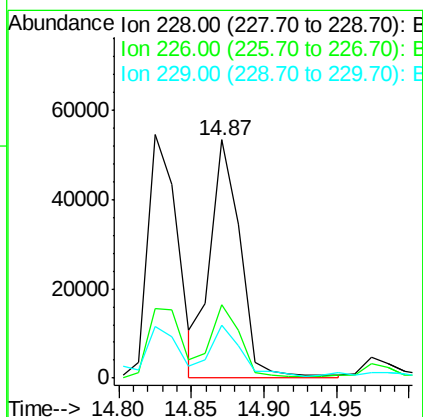
RT: 14.87 min Scan# 1031

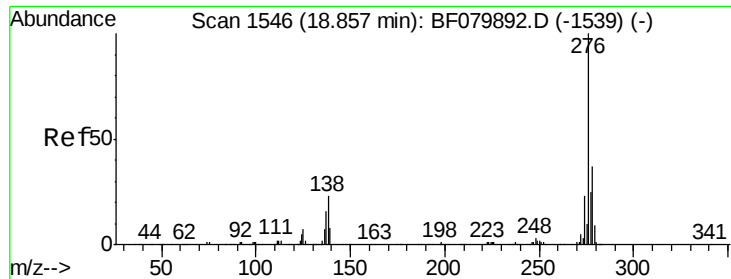
Delta R.T. -0.07 min

Lab File: BF080011.D

Acq: 17 Jun 2015 4:02

Tgt Ion:	228	Resp:	76257
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.9	35.9
229	22.4	16.1	24.1





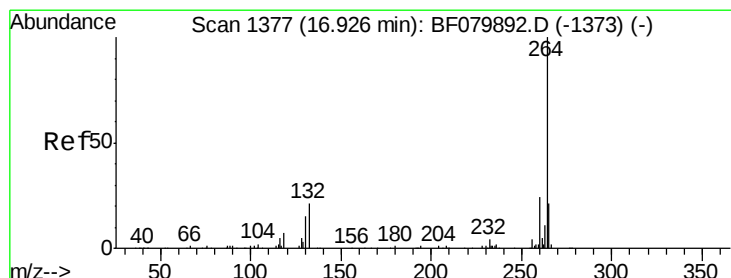
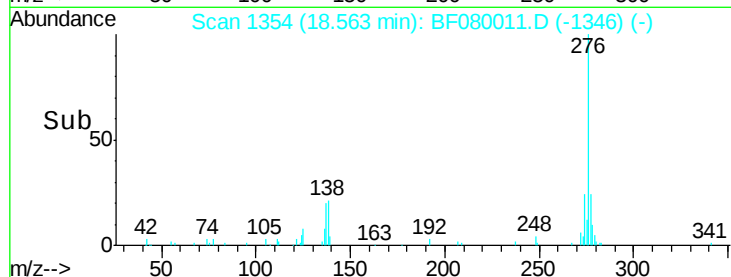
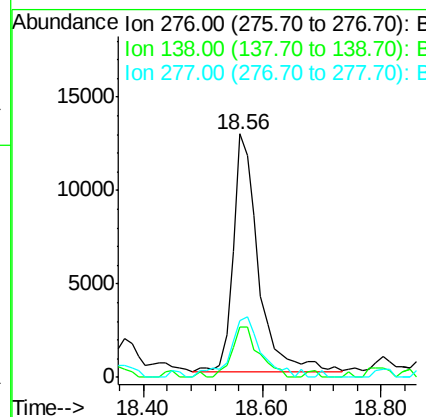
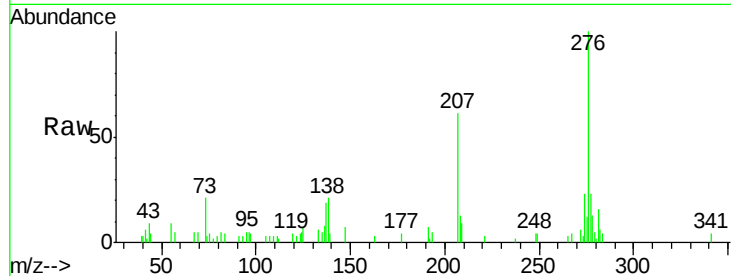
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.71 ng
 RT: 18.56 min Scan# 1354
 Delta R.T. -0.11 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 AST-TS-001

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.0	31.4
277	32.0	19.9	29.9

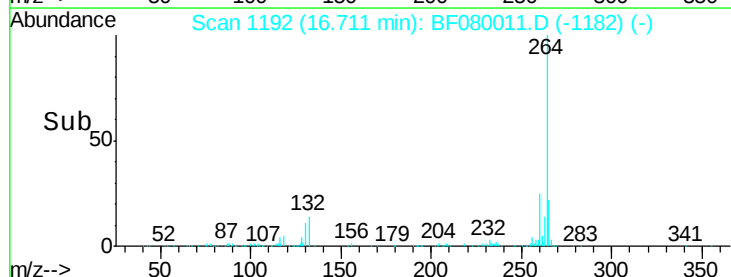
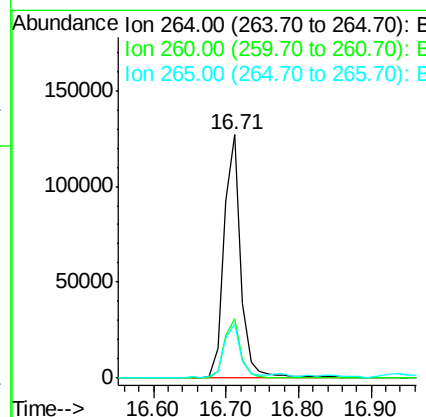
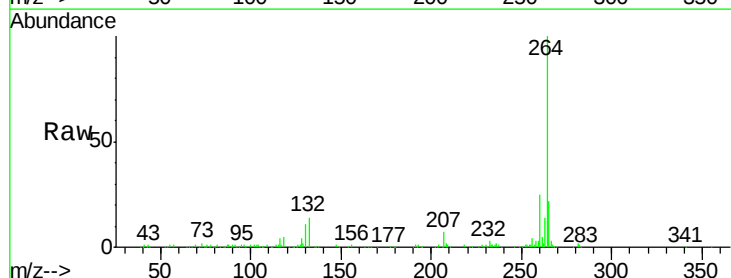
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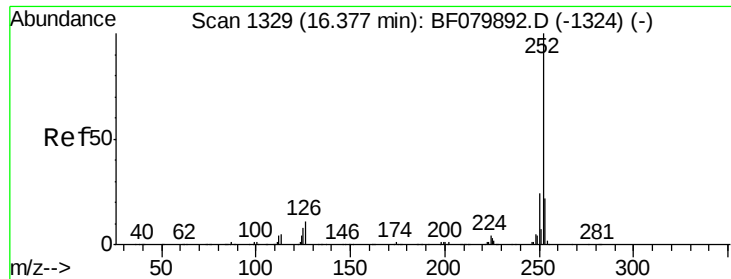
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.71 min Scan# 1192
 Delta R.T. -0.09 min
 Lab File: BF080011.D
 Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.1	17.0	25.6





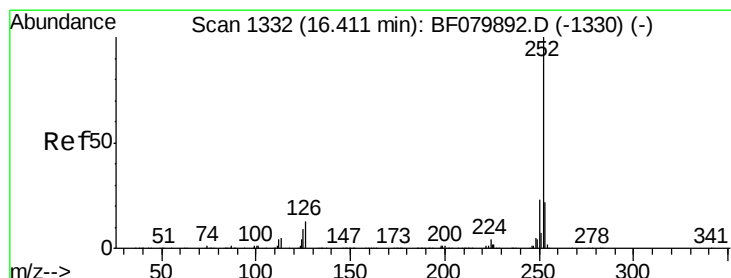
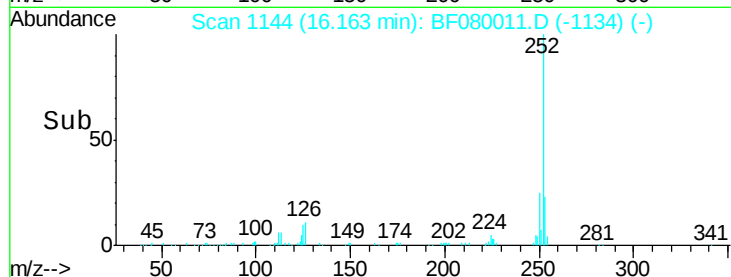
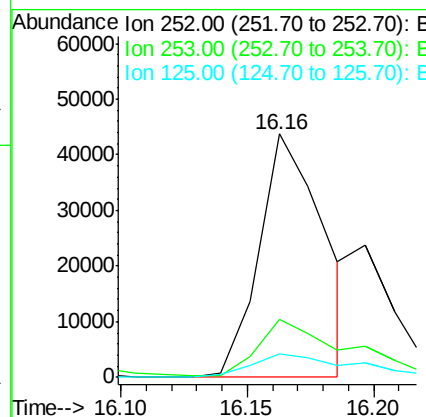
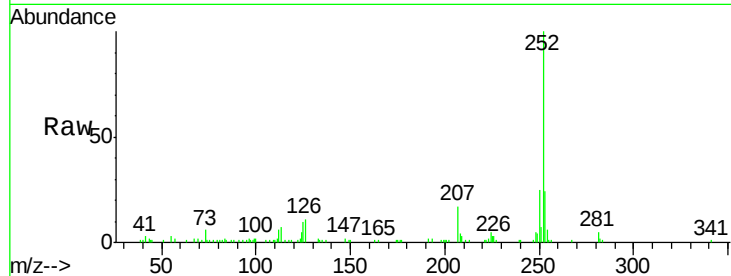
#87
Benzo(b)fluoranthene
Concen: 6.24 ng m
RT: 16.16 min Scan# 1144
Delta R.T. -0.09 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Instrument :
BNA_F
ClientSampled :
AST-TS-001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	9.7	6.5	9.7

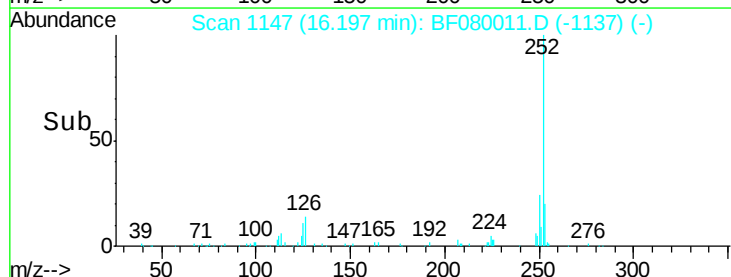
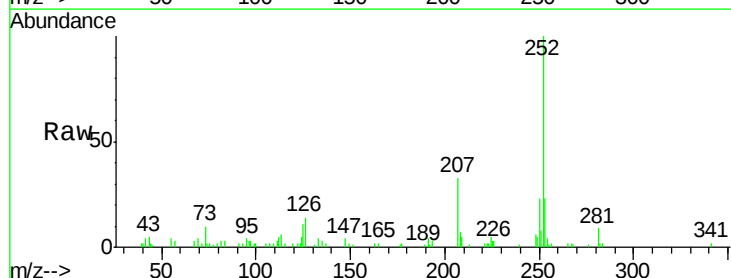
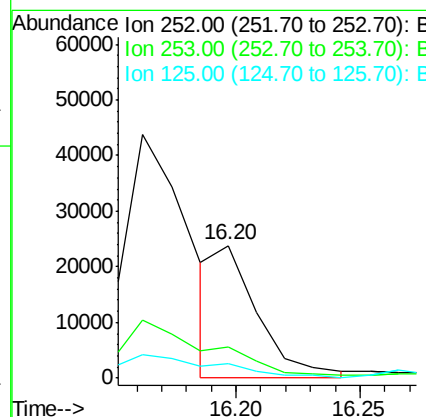
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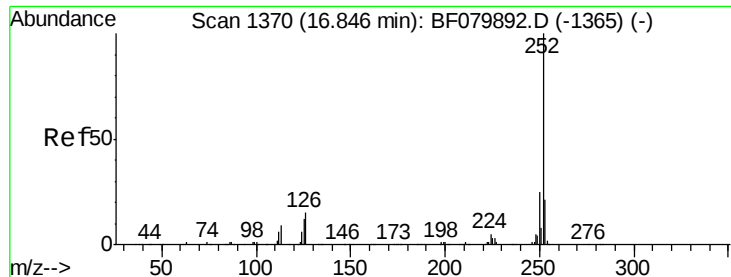
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#88
Benzo(k)fluoranthene
Concen: 2.29 ng m
RT: 16.20 min Scan# 1147
Delta R.T. -0.09 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	11.3	7.4	11.0





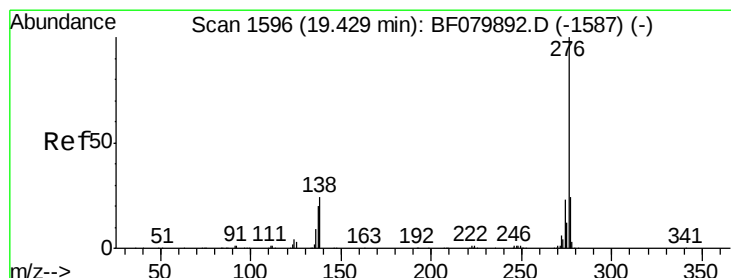
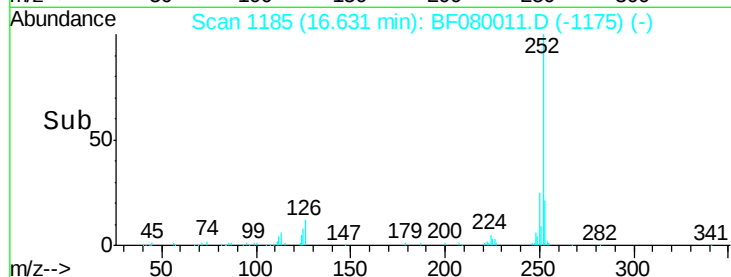
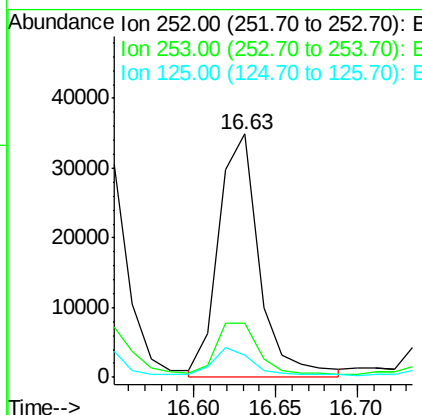
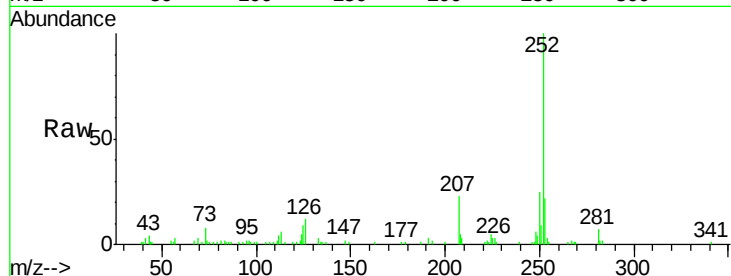
#89
Benzo(a)pyrene
Concen: 5.06 ng m
RT: 16.63 min Scan# 1185
Delta R.T. -0.09 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Instrument :
BNA_F
ClientSampleId :
AST-TS-001

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.3	9.7	14.5#

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#91
Benzo(g,h,i)perylene
Concen: 3.56 ng
RT: 19.13 min Scan# 1404
Delta R.T. -0.10 min
Lab File: BF080011.D
Acq: 17 Jun 2015 4:02

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.0	19.4	29.2
138	22.9	19.1	28.7

