Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-028

Quant Time: Apr 23 01:12:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-5.79
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.95
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.13
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-13.86
75) Chrysene-d12	0.00	240	0	0.00	ng	-17.74
86) Perylene-d12	19.45	264	671	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	168483	0.00	ng	0.00
7) Phenol-d6	5.29	99	212903	0.00	ng	0.00
23) Nitrobenzene-d5	6.73	82	126863	0.00	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	58754	0.00	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	272728	0.00	ng	0.00
78) Terphenyl-d14	16.40	244	373805	0.00	ng	0.00
Target Compounds						Qvalue
87) Benzo(b)fluoranthene	19.02	252	6121	147.60	ng	# 85
88) Benzo(k)fluoranthene	19.02	252	6121	166.09	ng	# 79
89) Benzo(a)pyrene	19.38	252	3805	105.13	ng	# 95
90) Dibenzo(a,h)anthracene	20.64	278	4094	112.99	ng	96
91) Benzo(g,h,i)perylene	20.93	276	4181	115.08	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
Data File : BF078720.D
Acq On : 22 Apr 2015 17:29
Operator : TP/IZ
Sample : G1961-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-028

Quant Time: Apr 23 01:12:42 2015
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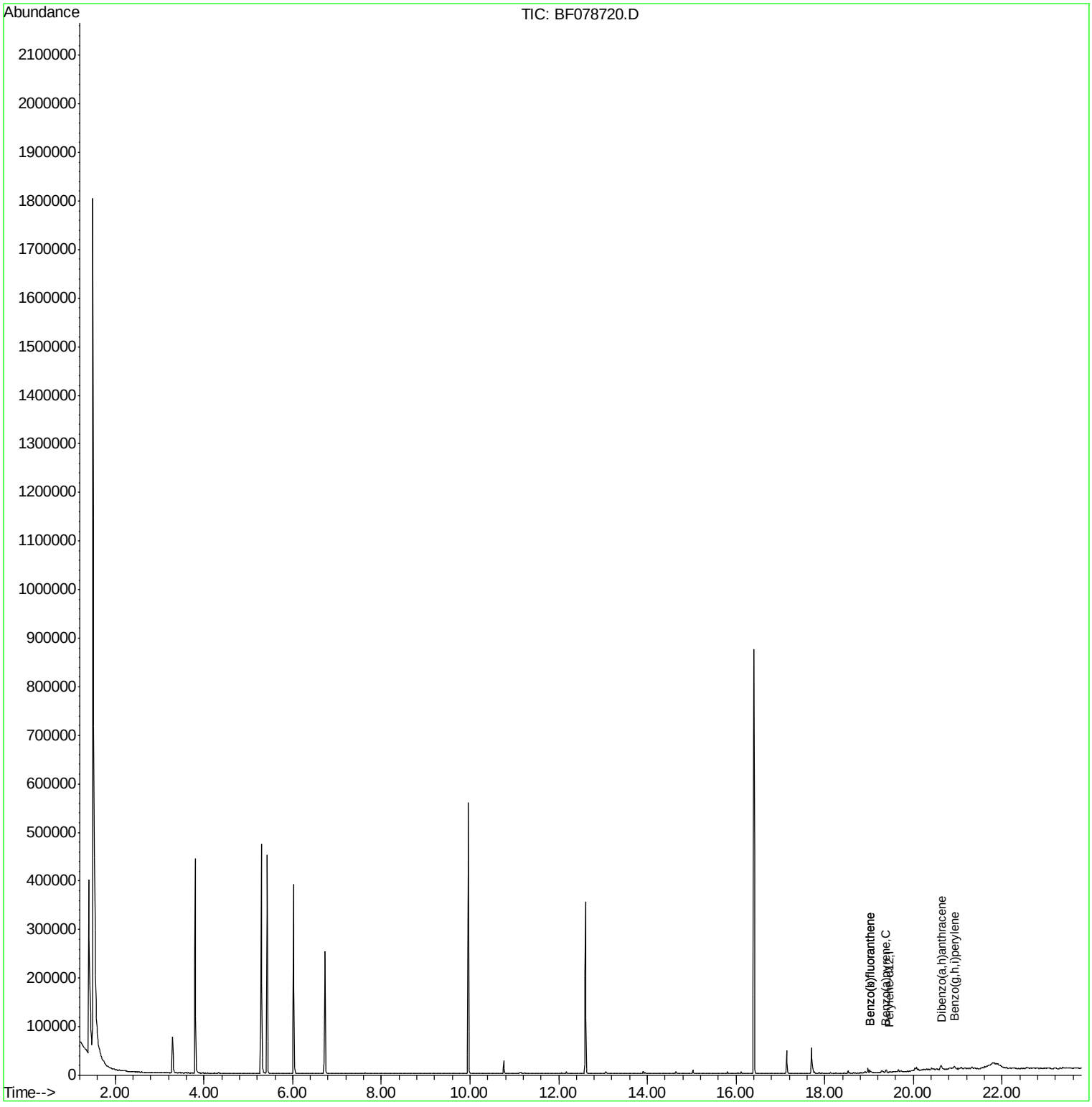
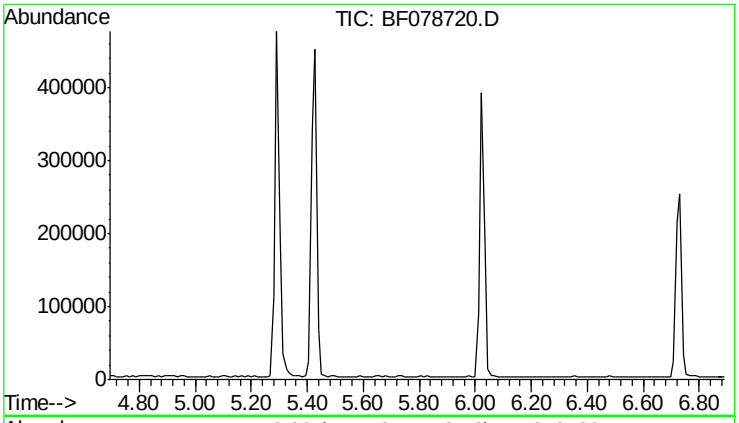
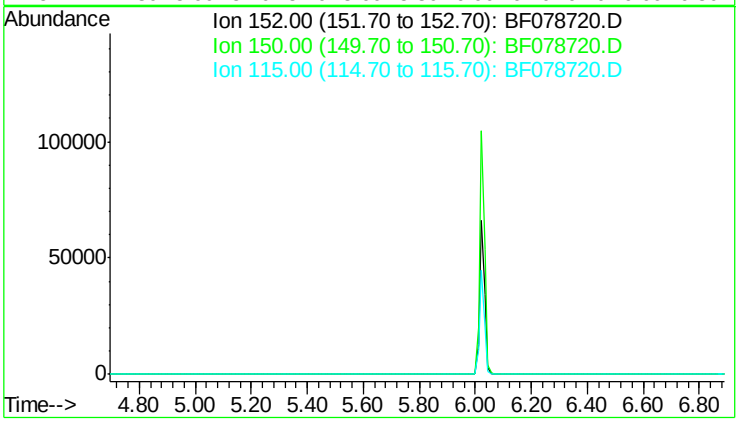






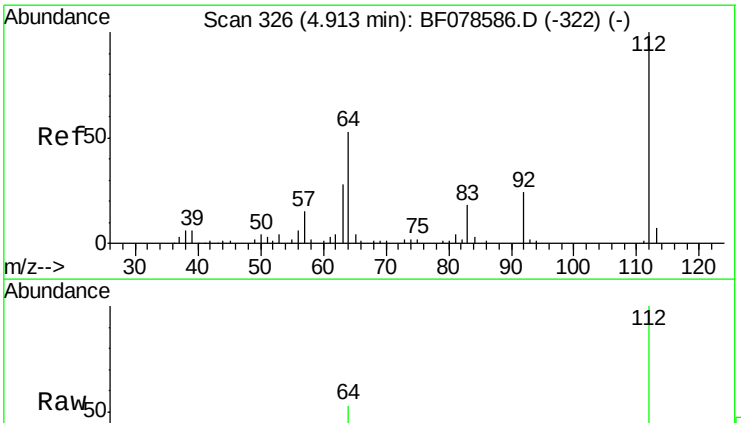
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 5.79 min

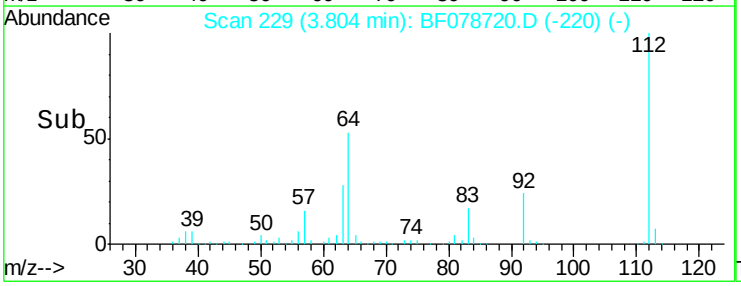
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	157.4
115	65.9

Instrument :
BNA_F
ClientSampleId :
FS-028

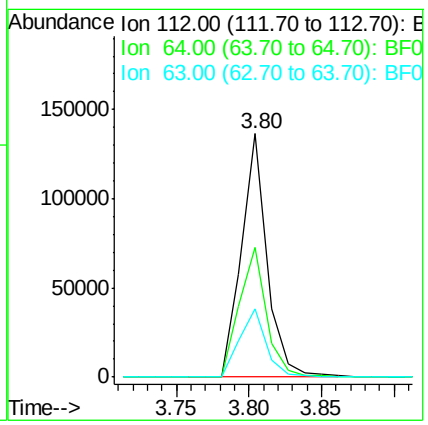


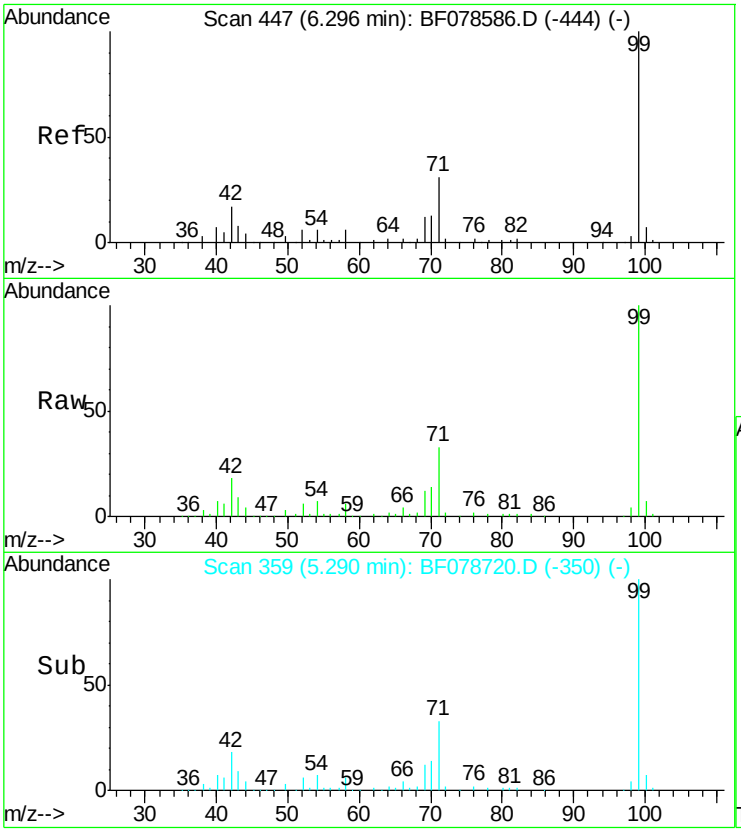


#5
2-Fluorophenol
Concen: 0.00 ng
RT: 3.80 min Scan# 229
Delta R.T. 0.00 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion:112 Resp: 168483

Ion	Ratio	Lower	Upper
112	100		
64	53.3	39.9	59.9
63	28.0	20.2	30.4



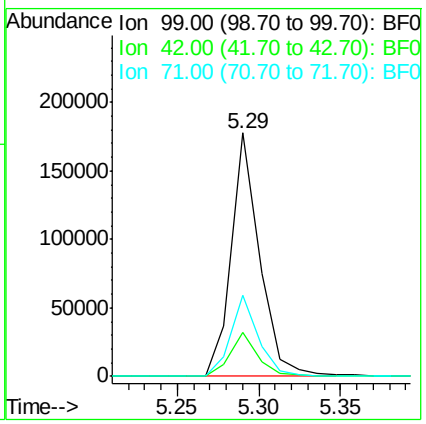


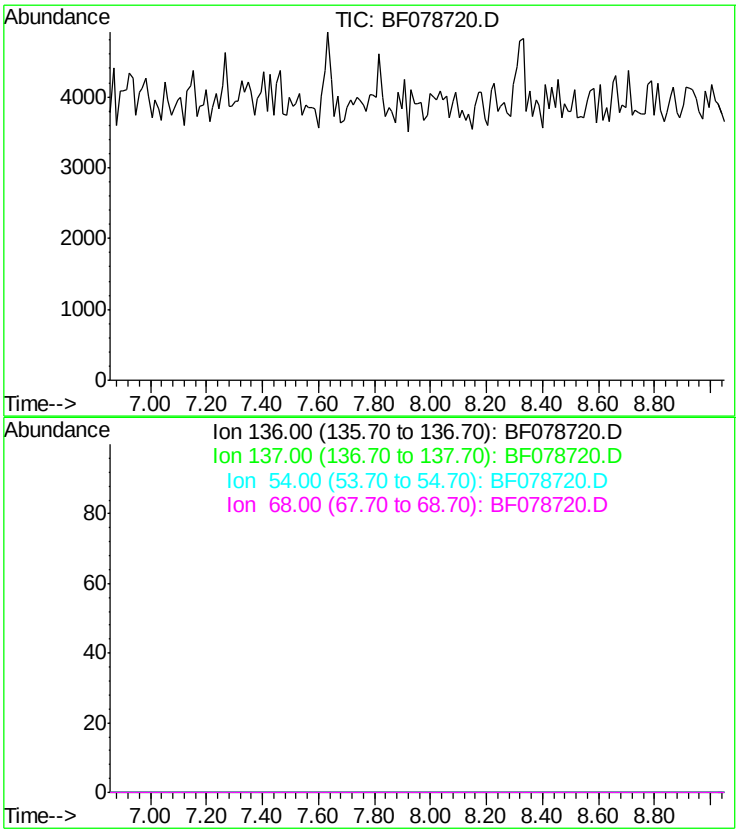
#7
Phenol-d6
Concen: 0.00 ng
RT: 5.29 min Scan# 359
Delta R.T. 0.00 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion: 99 Resp: 212903

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	33.1	26.6	39.8



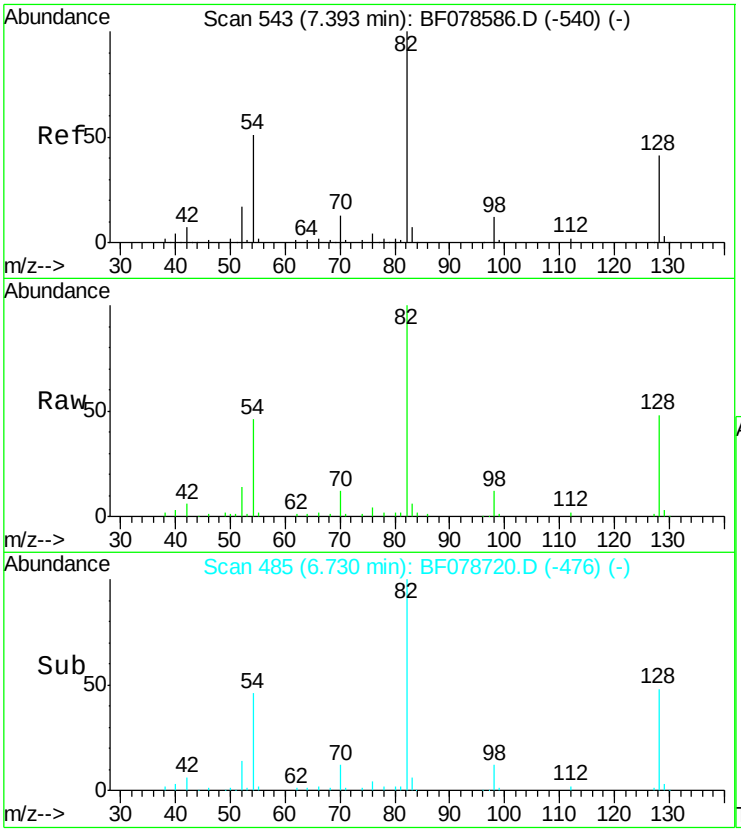


#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.95 min

Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.2
54	8.8
68	6.8

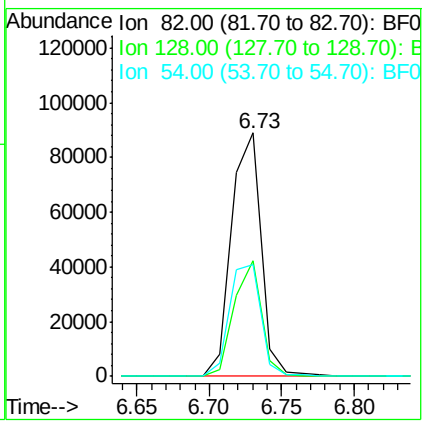


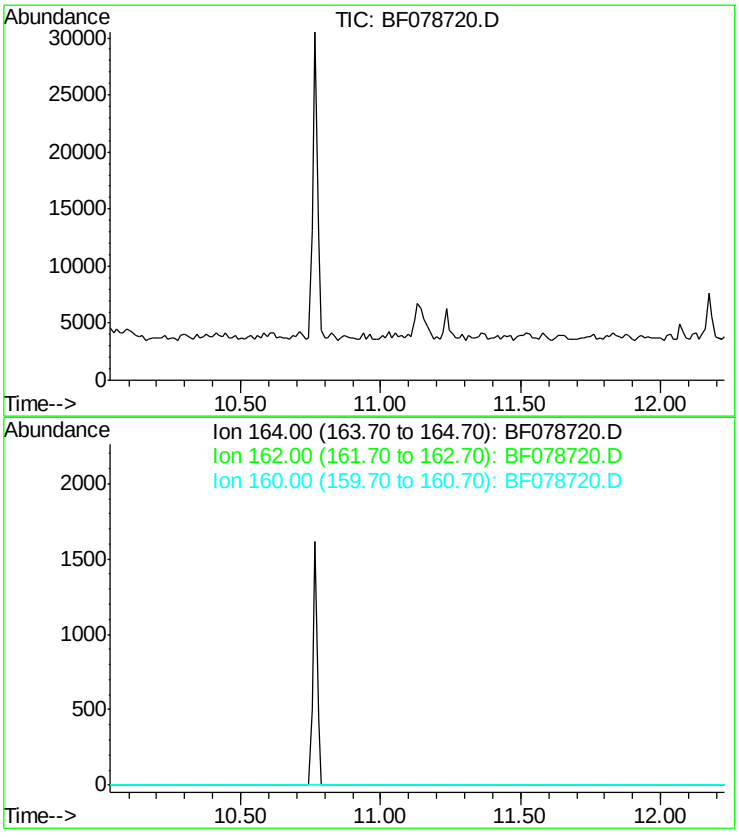
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 6.73 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion: 82 Resp: 126863

Ion	Ratio	Lower	Upper
82	100		
128	47.7	31.8	47.8
54	45.9	41.5	62.3



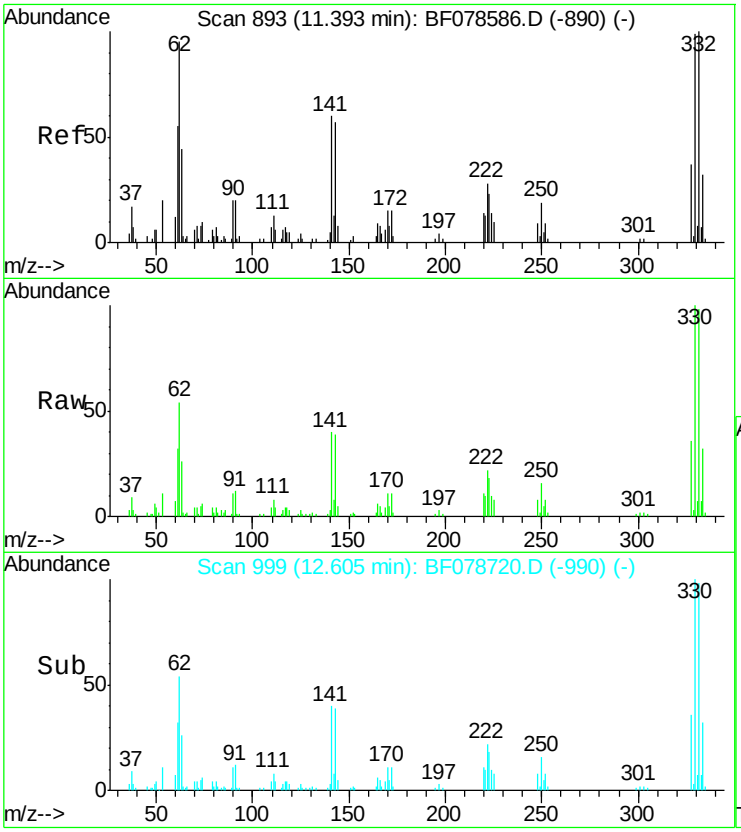


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 11.13 min

Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	102.7
160	43.4

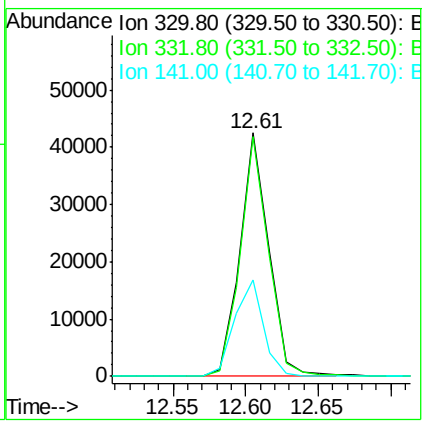


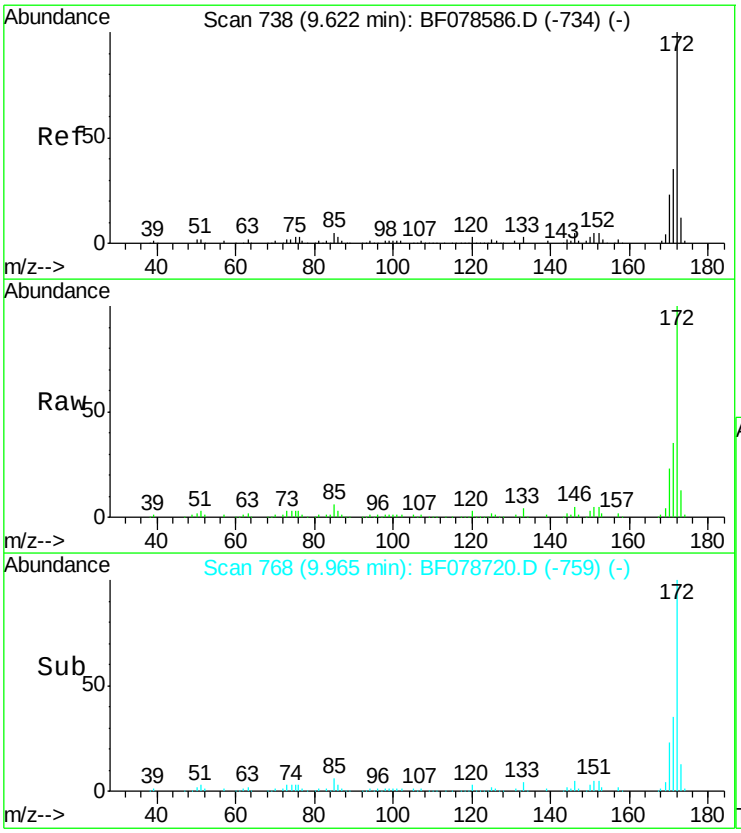
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion:330 Resp: 58754

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	39.6	31.2	46.8

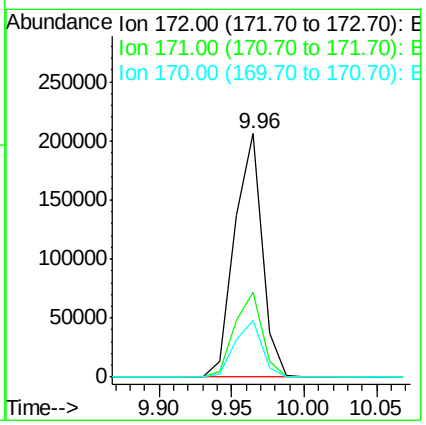


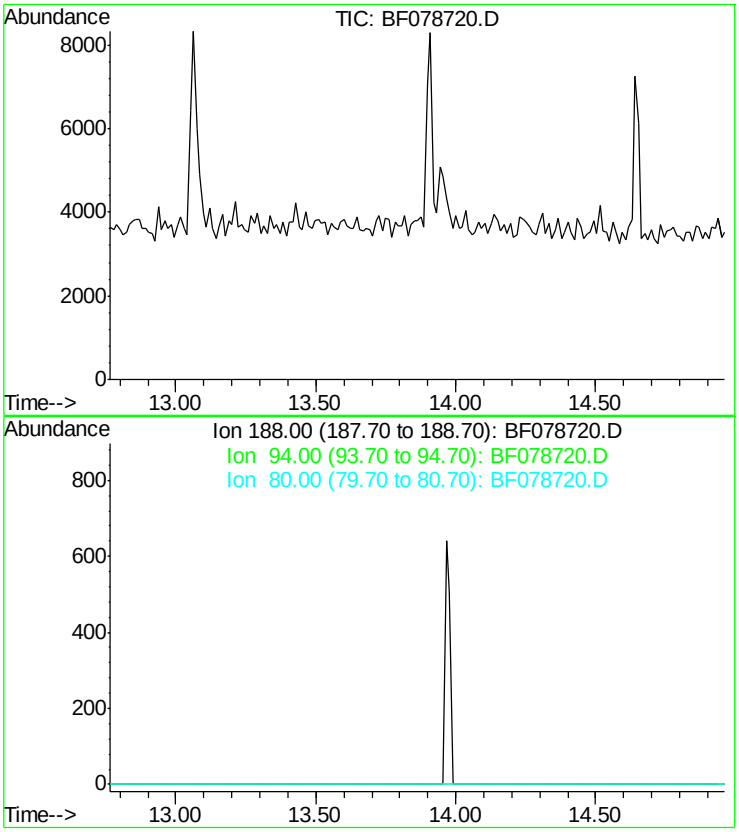


#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 9.96 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion:172 Resp: 272728

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.1	18.5	27.7





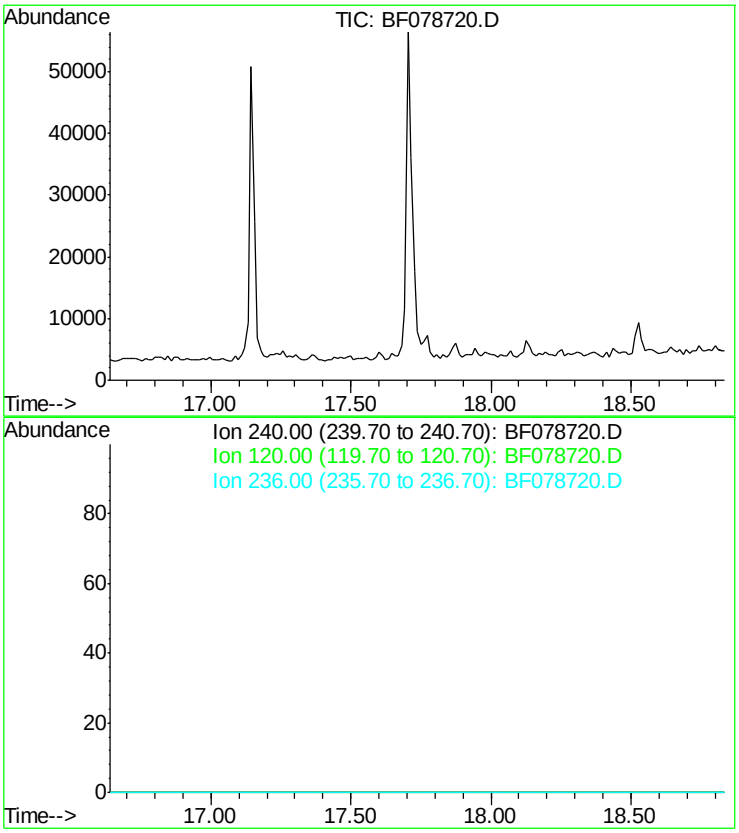
#63
Phenanthrene-d10
Concen: 0.00 ng
Expected RT: 13.86 min

Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	11.2
80	11.9

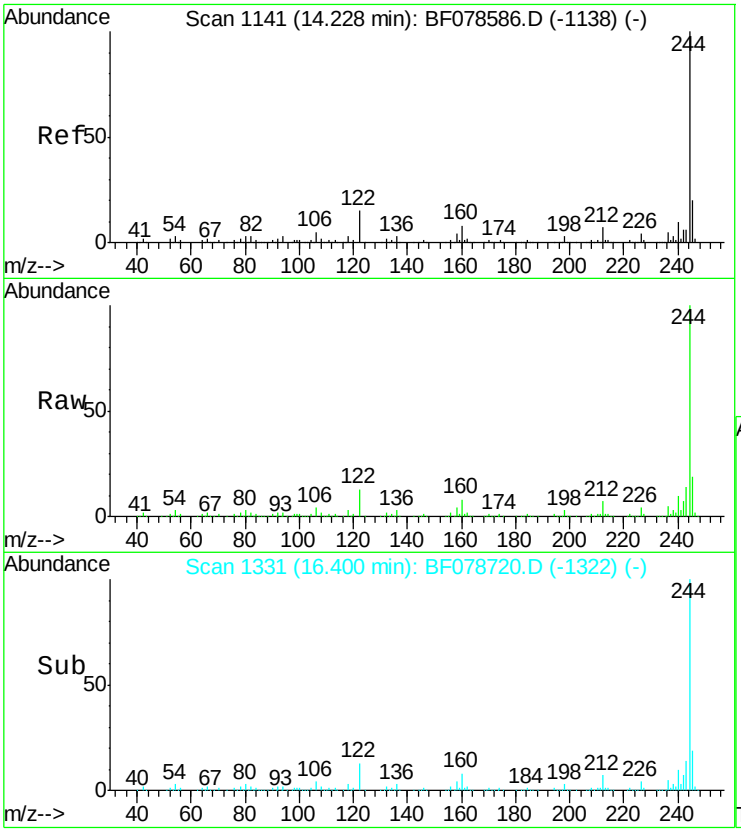


#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 17.74 min

Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	8.9
236	26.8

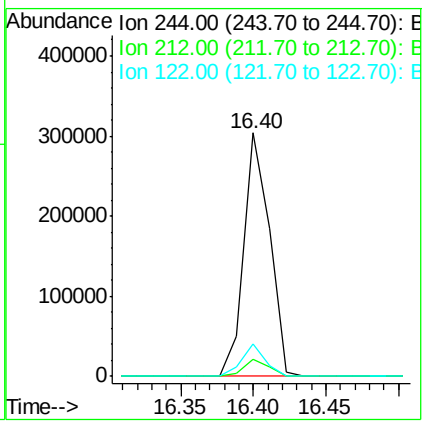


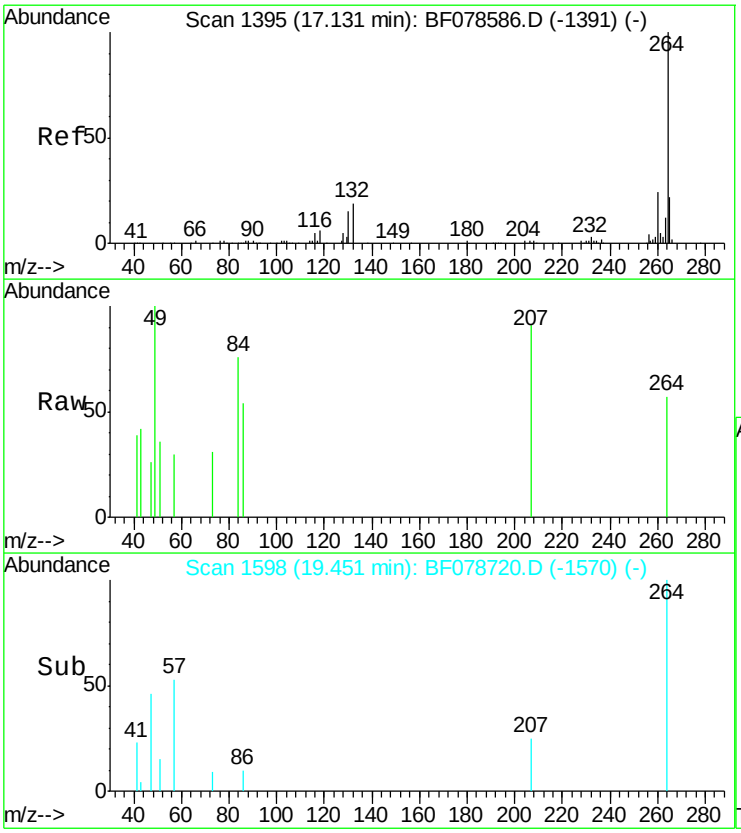
#78
Terphenyl-d14
Concen: 0.00 ng
RT: 16.40 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion:244 Resp: 373805

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	13.4	7.1	10.7#

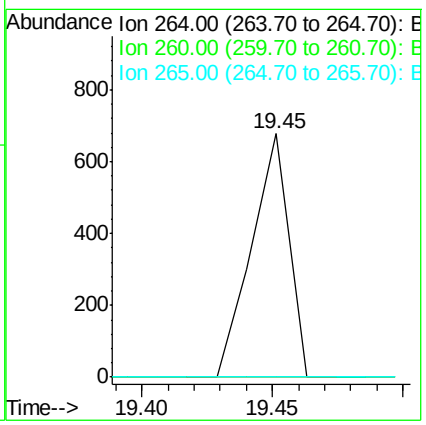


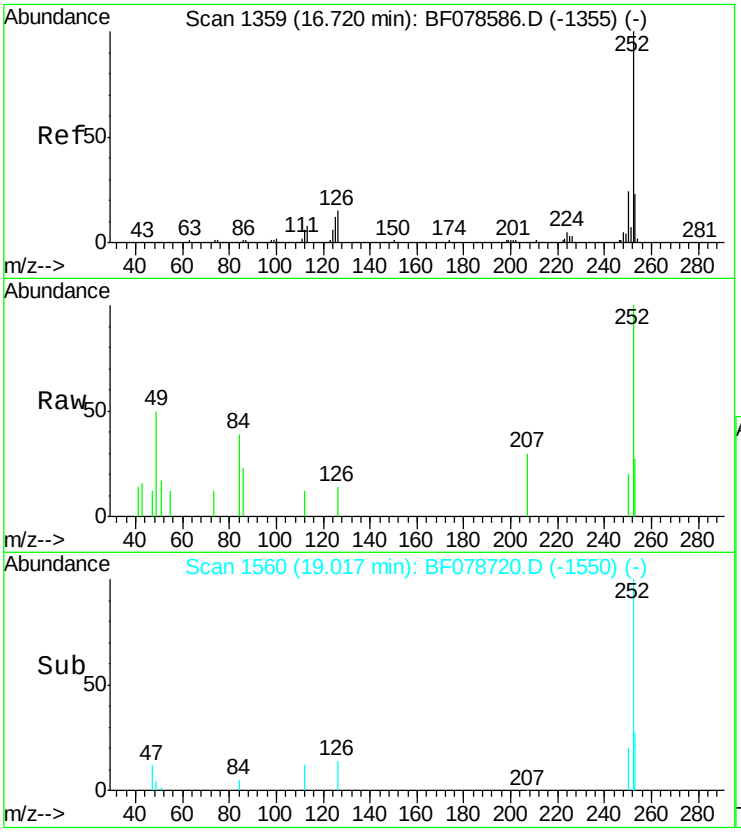


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.45 min Scan# 1598
Delta R.T. 0.02 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion:264 Resp: 671

Ion	Ratio	Lower	Upper
264	100		
260	0.0	18.6	27.8#
265	0.0	17.0	25.6#



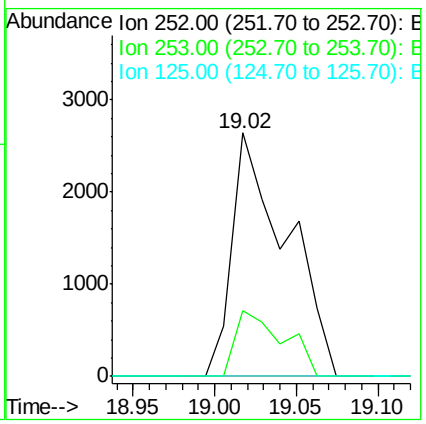


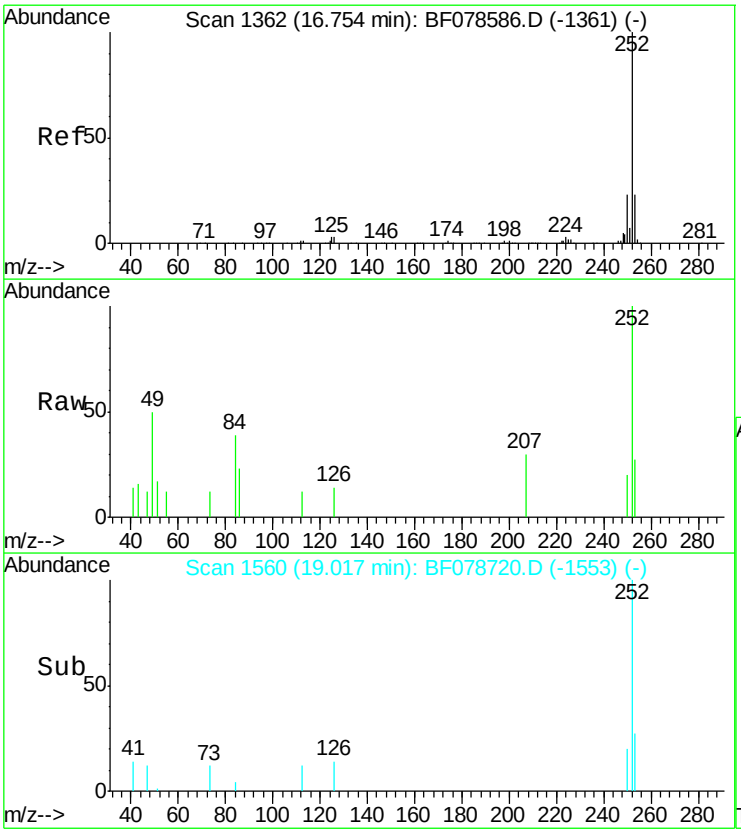
#87
Benzo(b)fluoranthene
Concen: 147.60 ng
RT: 19.02 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion:252 Resp: 6121

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	0.0	7.0	10.4#

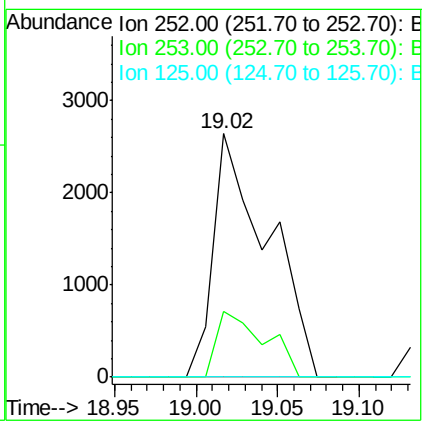


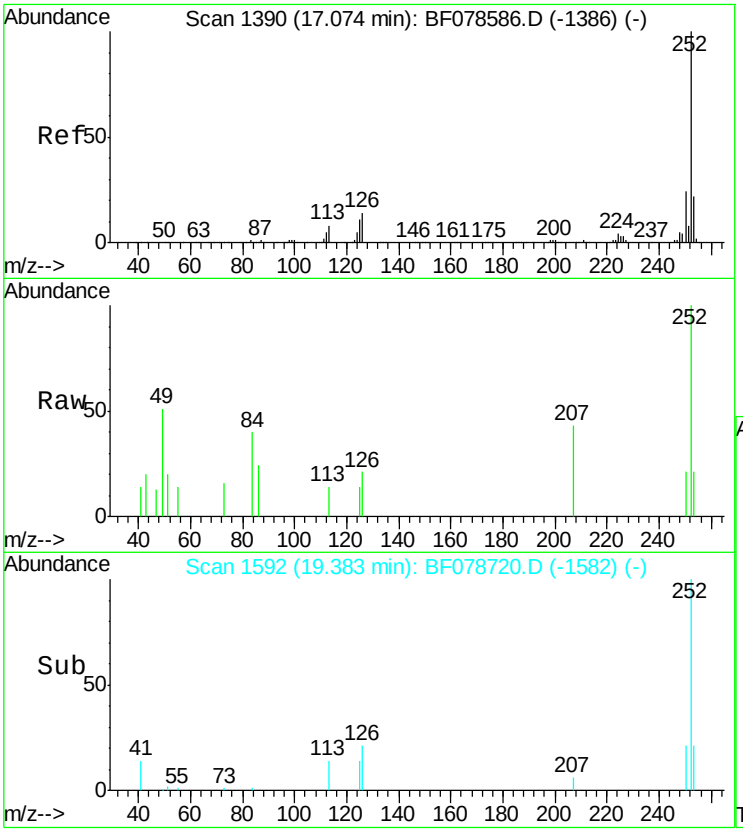


#88
Benzo(k)fluoranthene
Concen: 166.09 ng
RT: 19.02 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion:252 Resp: 6121

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.5	26.3#
125	0.0	11.6	17.4#



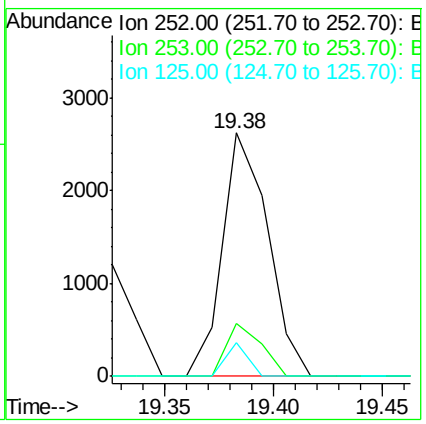


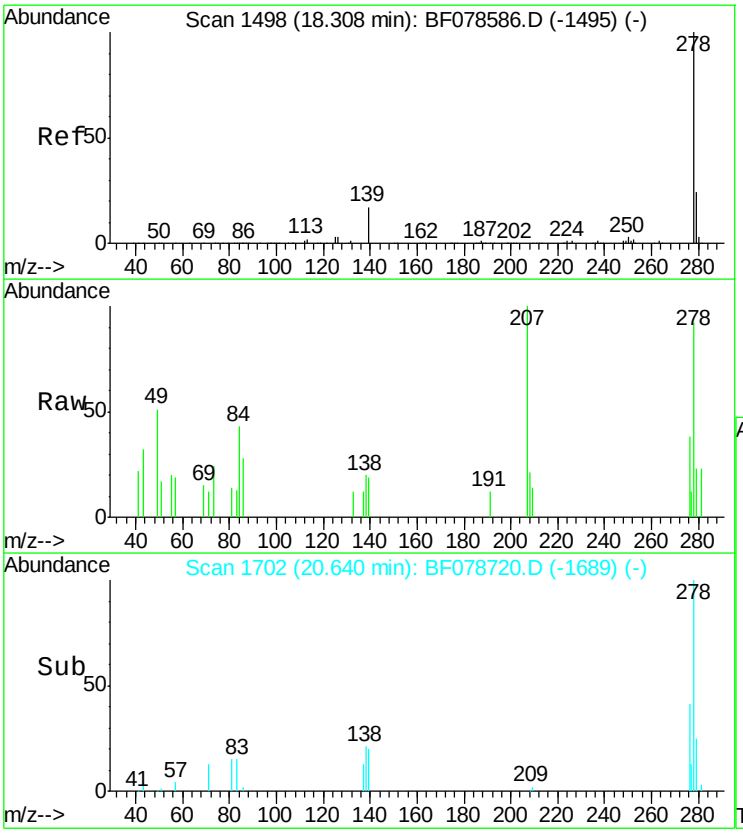
#89
Benzo(a)pyrene
Concen: 105.13 ng
RT: 19.38 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion:252 Resp: 3805

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	14.0	7.4	11.0#

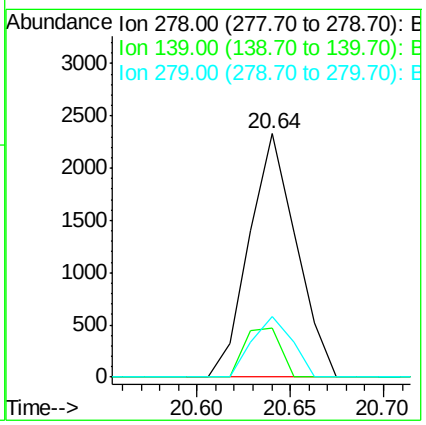


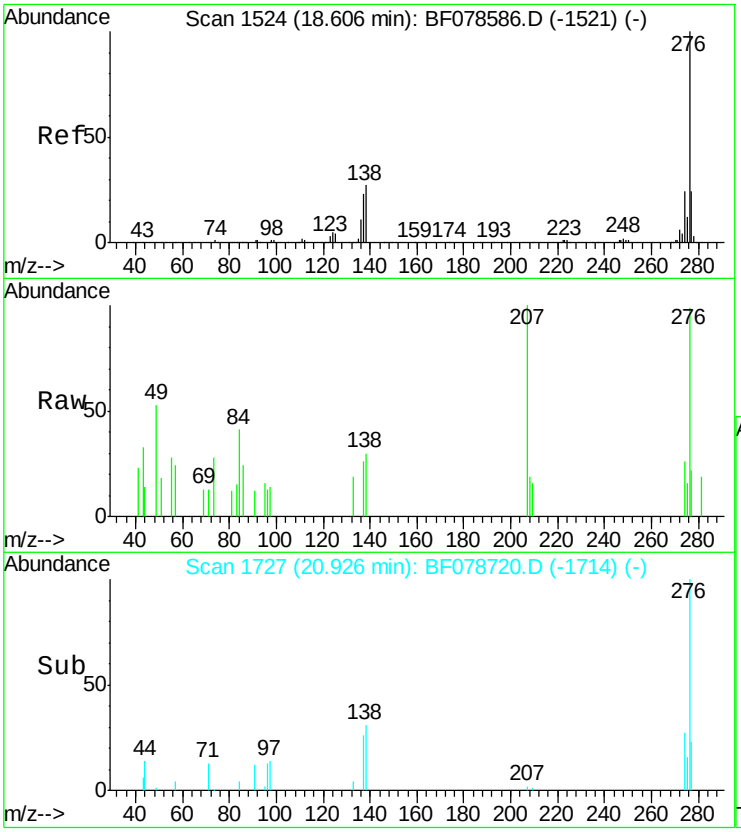


#90
Dibenzo(a,h)anthracene
Concen: 112.99 ng
RT: 20.64 min Scan# 1702
Delta R.T. 0.05 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Tgt Ion:278 Resp: 4094

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.6	20.4
279	24.9	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 115.08 ng
RT: 20.93 min Scan# 1727
Delta R.T. 0.05 min
Lab File: BF078720.D
Acq: 22 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
FS-028

Tgt Ion:276 Resp: 4181

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.4
138	30.5	19.9	29.9#