Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079250.D
Acq On : 15 May 2015 00:17
Operator : TP/IZ
Sample : G2177-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-19(0-3)

Quant Time: May 15 04:03:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 02:17:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	45903	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	194697	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	95123	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	187884	20.00	ng		0.00
75) Chrysene-d12	16.10	240	201709	20.00	ng		-0.14
86) Perylene-d12	17.87	264	217713	20.00	ng		-0.42
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	239710m	89.89	ng		0.00
7) Phenol-d6	6.79	99	339897	96.43	ng		0.00
23) Nitrobenzene-d5	7.91	82	185814	54.85	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	102117	99.23	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	398844	58.42	ng		-0.01
78) Terphenyl-d14	14.81	244	554381m	65.80	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	10.65	163	14330	2.05	ng		98
70) Phenanthrene	12.85	178	41866	3.98	ng		98
74) Fluoranthene	14.32	202	140562	12.83	ng		94
77) Pyrene	14.59	202	160354m	13.80	ng		
80) Benzo(a)anthracene	16.09	228	85276	7.72	ng		96
82) Chrysene	16.14	228	63125	5.94	ng		96
85) Indeno(1,2,3-cd)pyrene	19.30	276	54197m	4.00	ng		
87) Benzo(b)fluoranthene	17.42	252	119829m	10.06	ng		
88) Benzo(k)fluoranthene	17.45	252	26008m	2.25	ng		
89) Benzo(a)pyrene	17.81	252	85216	7.77	ng	#	96
91) Benzo(g,h,i)perylene	19.73	276	58689	5.02	ng	#	95

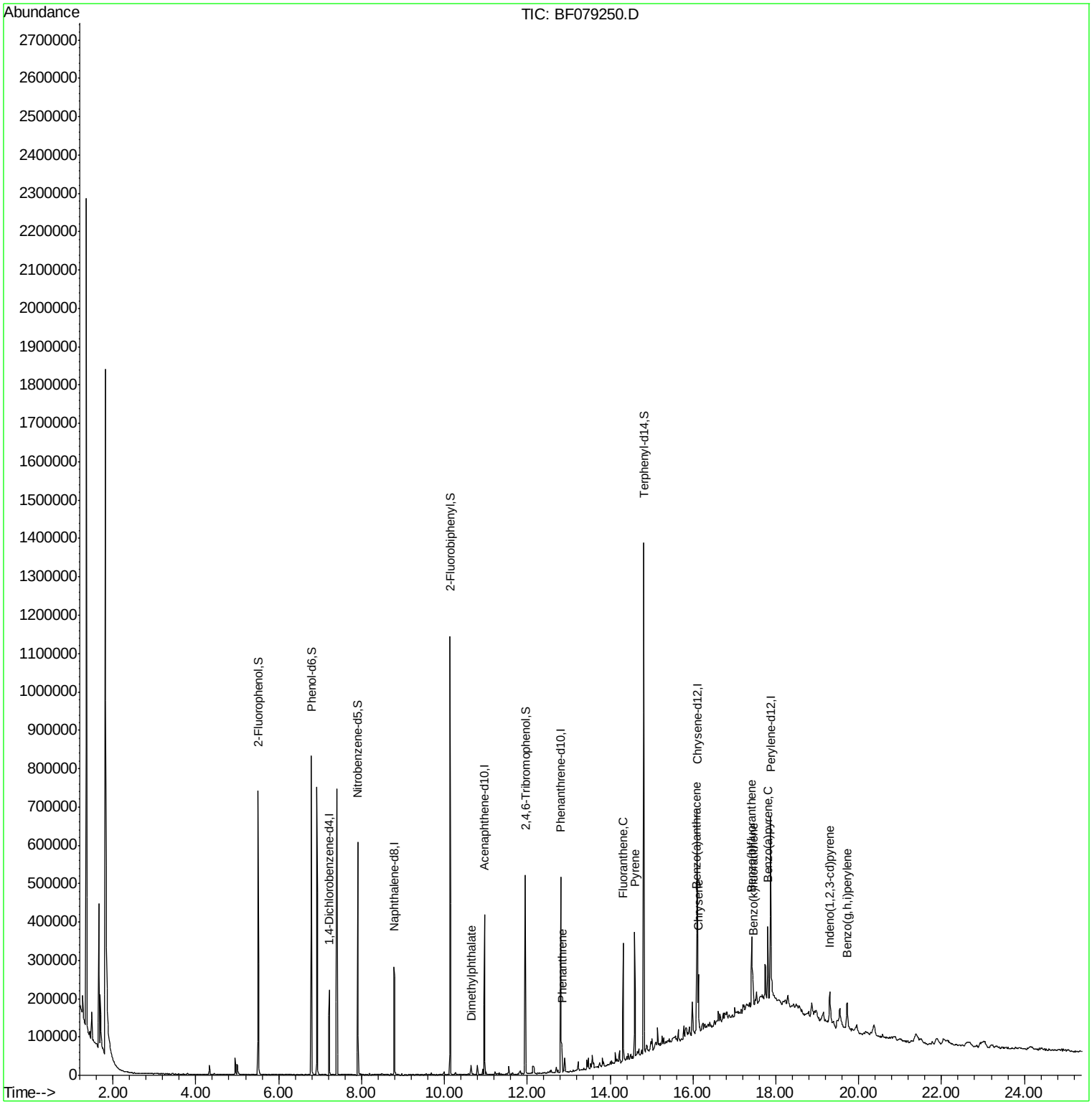
(#) = qualifier out of range (m) = manual integration (+) = signals summed

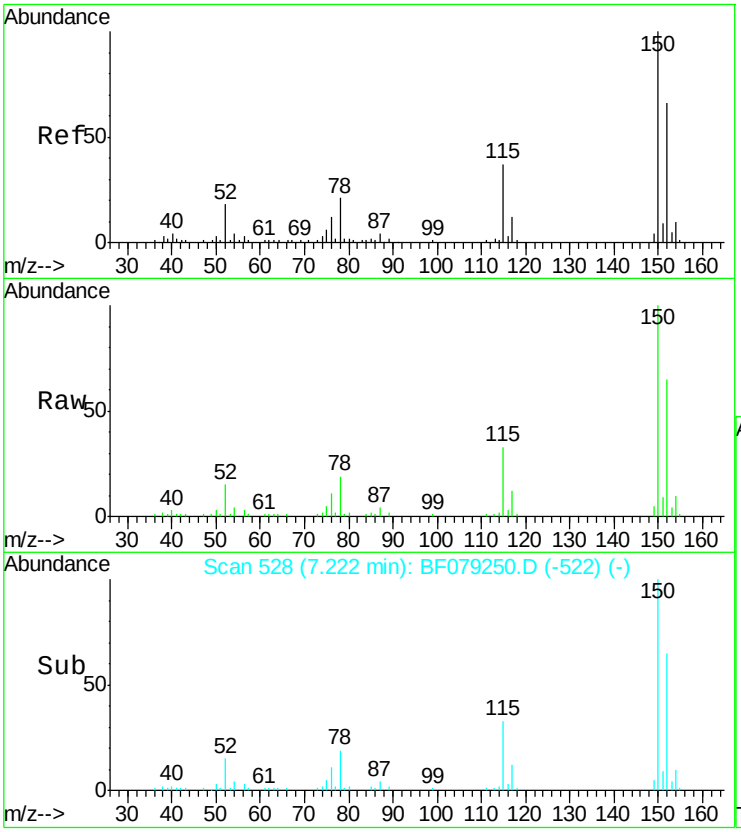
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079250.D
Acq On : 15 May 2015 00:17
Operator : TP/IZ
Sample : G2177-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Quant Time: May 15 04:03:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 02:17:41 2015
Response via : Initial Calibration



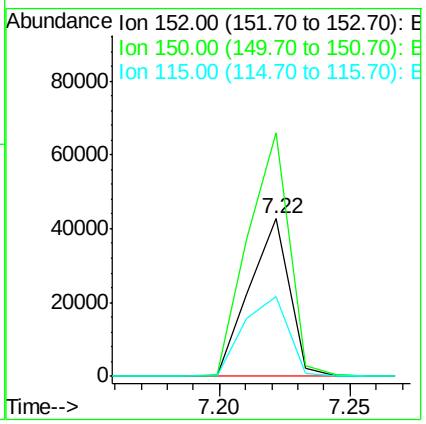


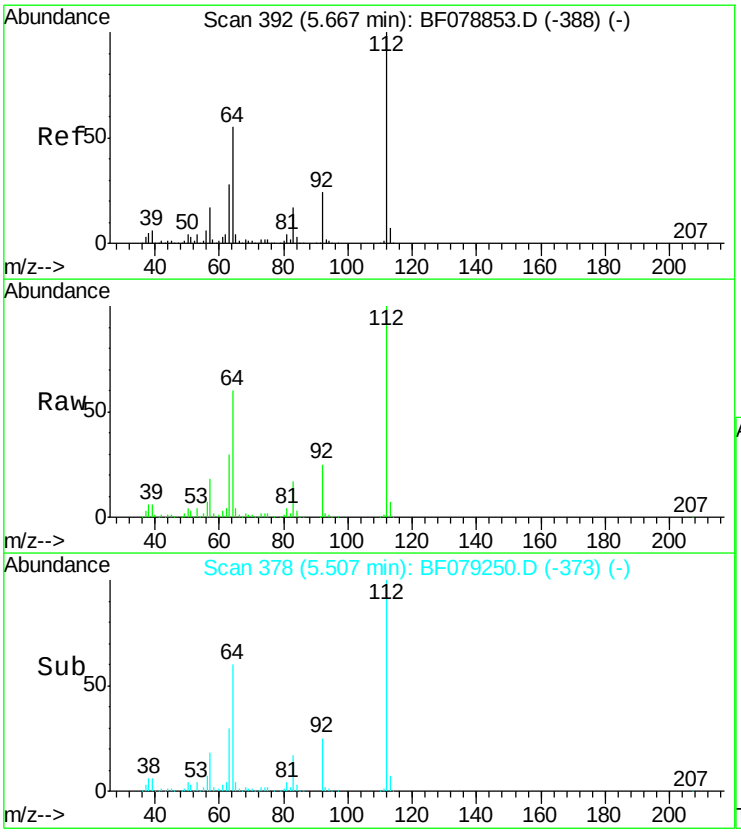
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:152 Resp: 45903

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.8
115	50.2	49.4	74.0

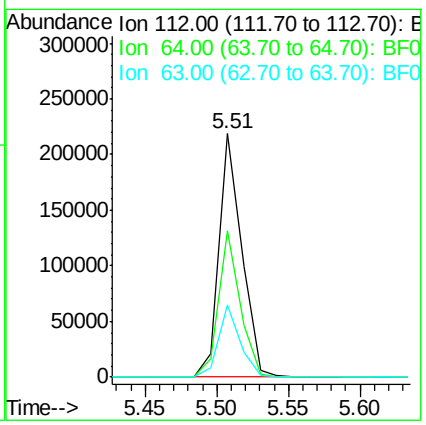


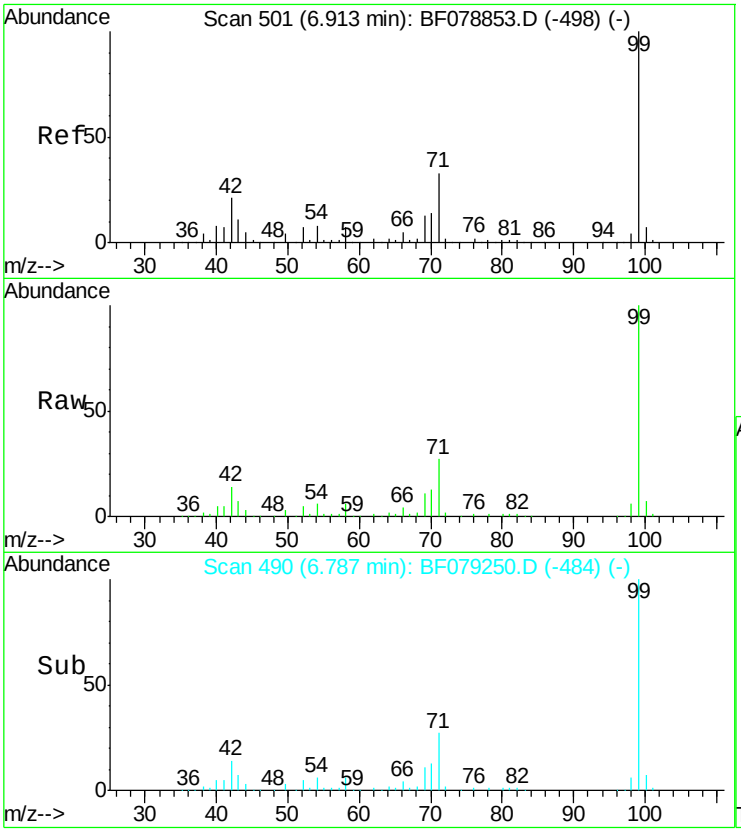


#5
2-Fluorophenol
Concen: 89.89 ng m
RT: 5.51 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:112 Resp: 239710

Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.2	66.2
63	29.7	22.7	34.1



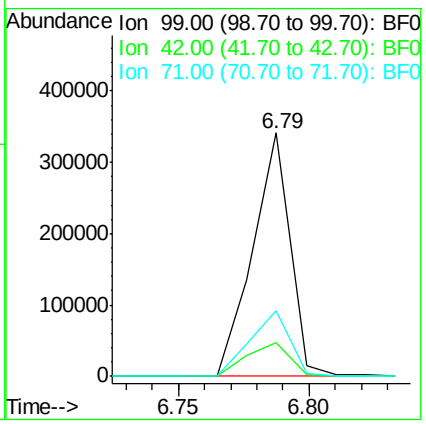


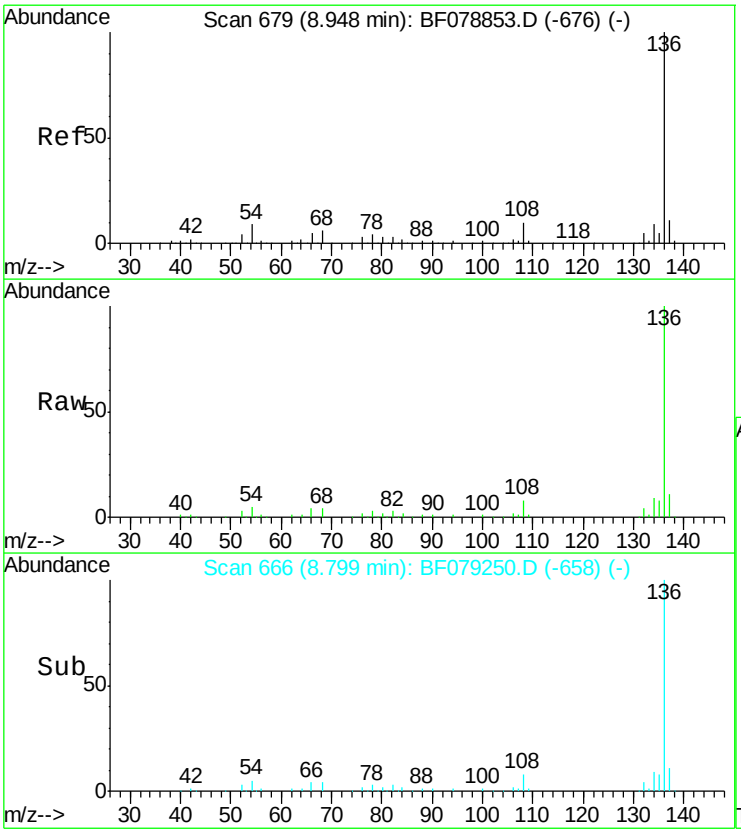
#7
Phenol-d6
Concen: 96.43 ng
RT: 6.79 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion: 99 Resp: 339897

Ion	Ratio	Lower	Upper
99	100		
42	13.8	17.1	25.7#
71	27.2	26.3	39.5

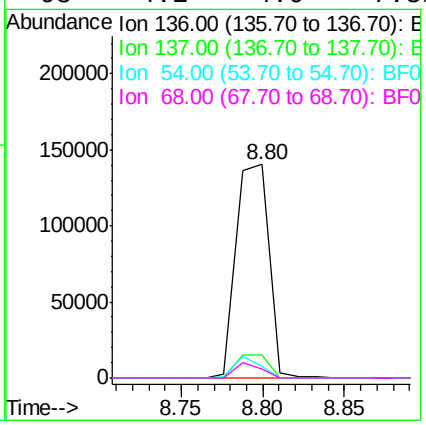


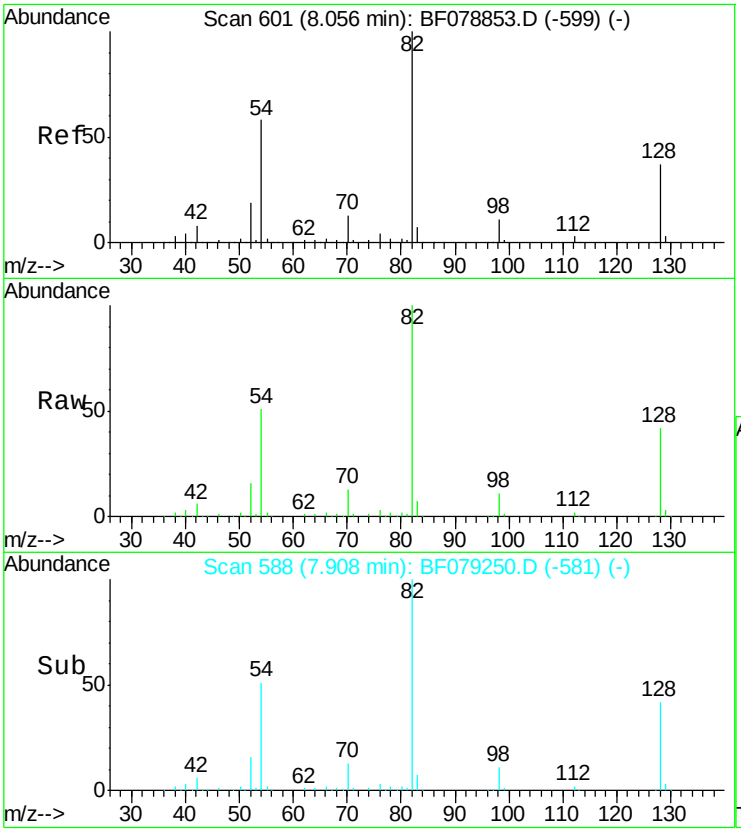


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:136 Resp: 194697

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.4	6.9	10.3#
68	4.2	4.9	7.3#



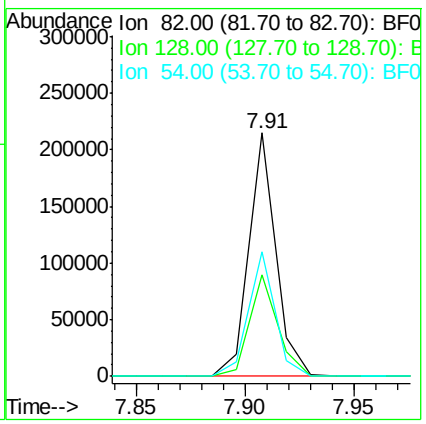


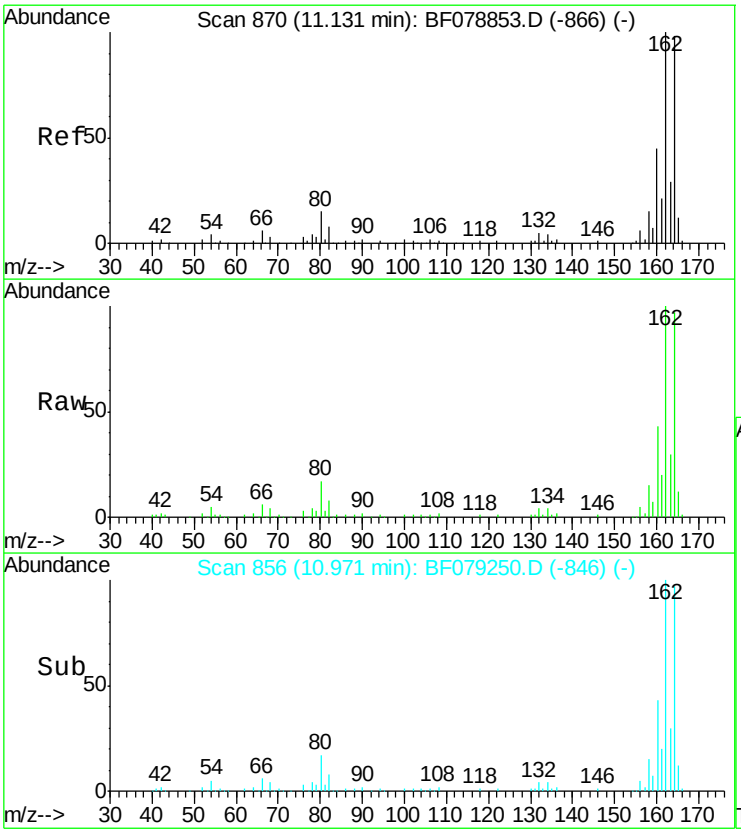
#23
Nitrobenzene-d5
Concen: 54.85 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion: 82 Resp: 185814

Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.7	44.5
54	51.3	46.2	69.4

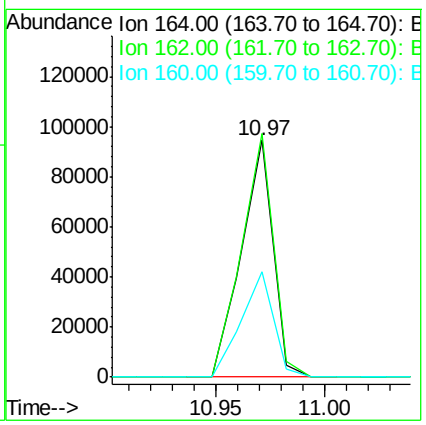


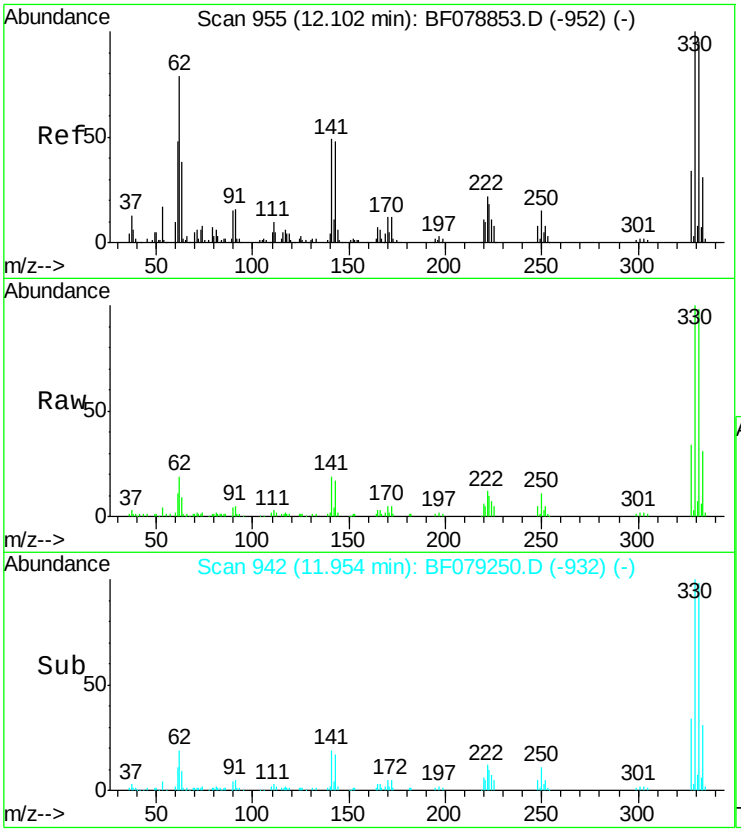


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:164 Resp: 95123

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	44.5	36.6	54.8



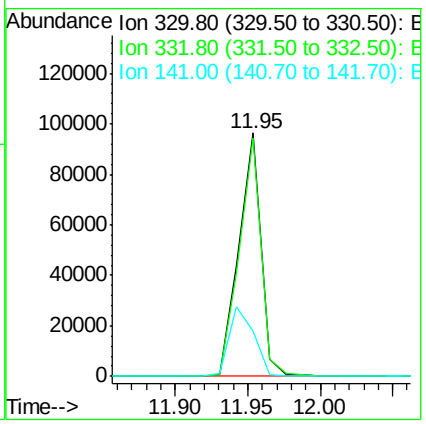


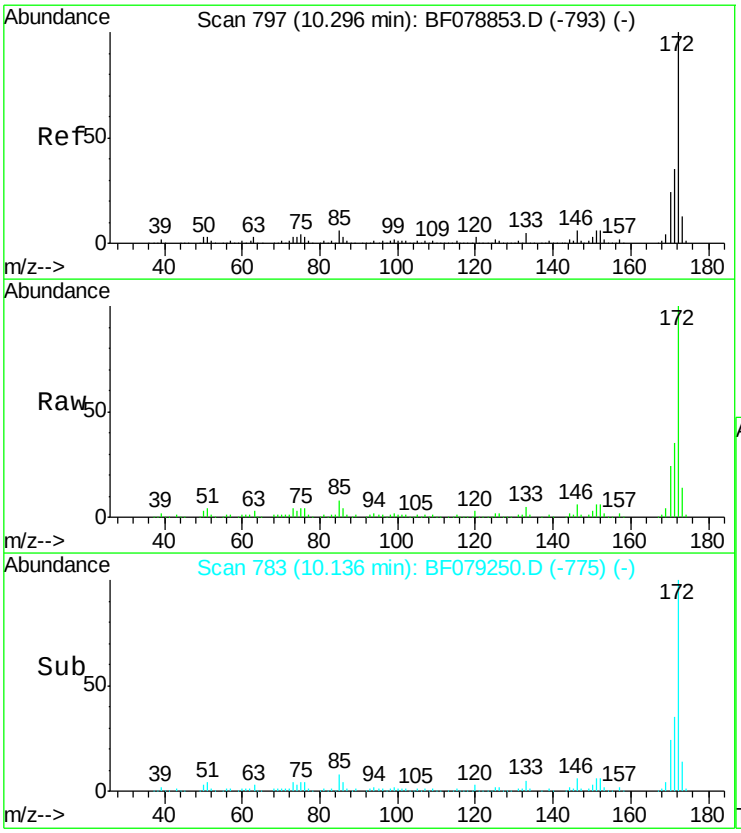
#41
2,4,6-Tribromophenol
Concen: 99.23 ng
RT: 11.95 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:330 Resp: 102117

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	32.1	27.8	41.8

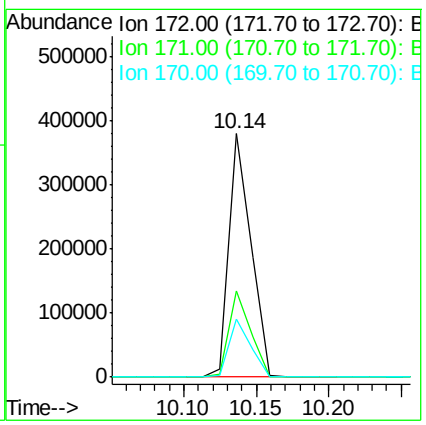


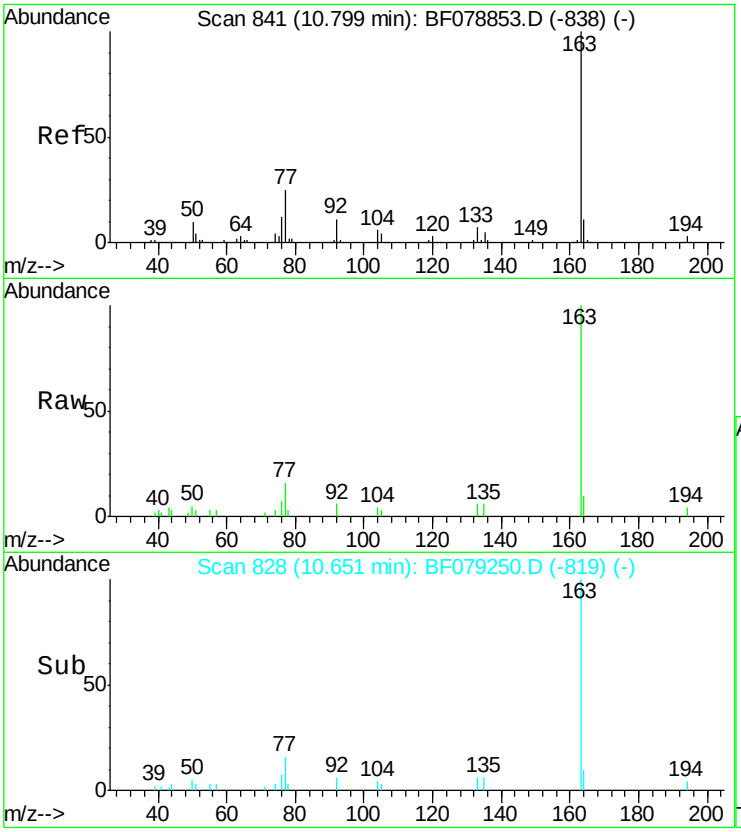


#44
2-Fluorobiphenyl
Concen: 58.42 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:172 Resp: 398844

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.7	19.4	29.2



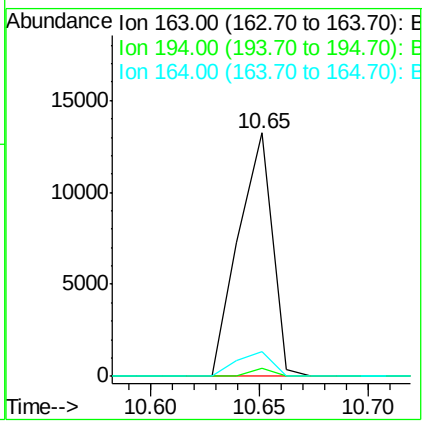


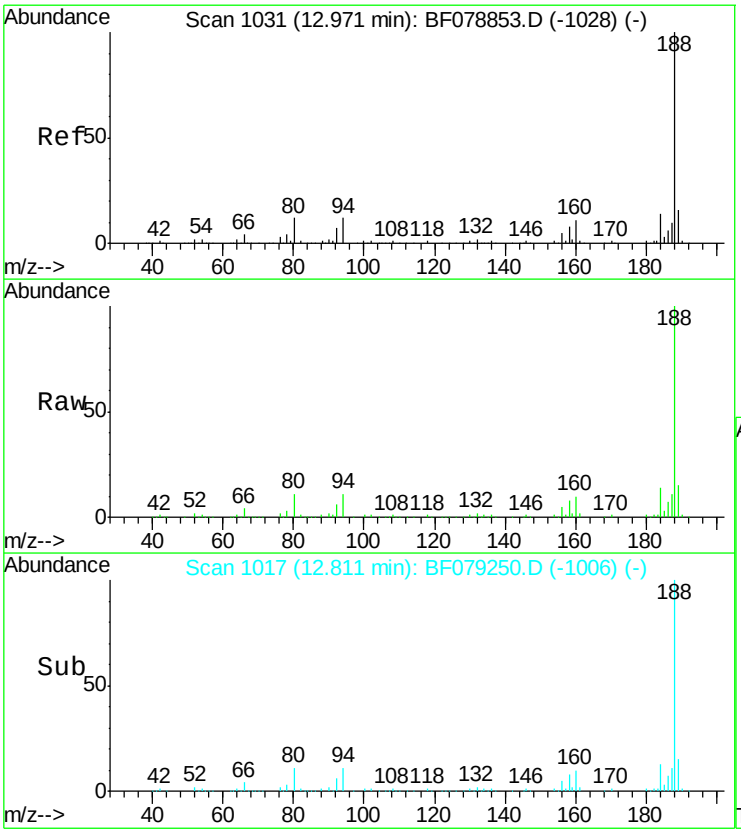
#49
Dimethylphthalate
Concen: 2.05 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:163 Resp: 14330

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.4	3.6
164	9.9	8.6	12.8

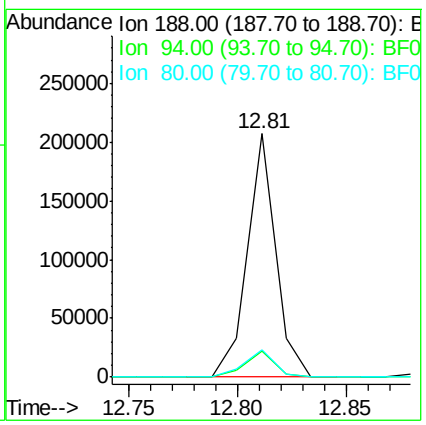


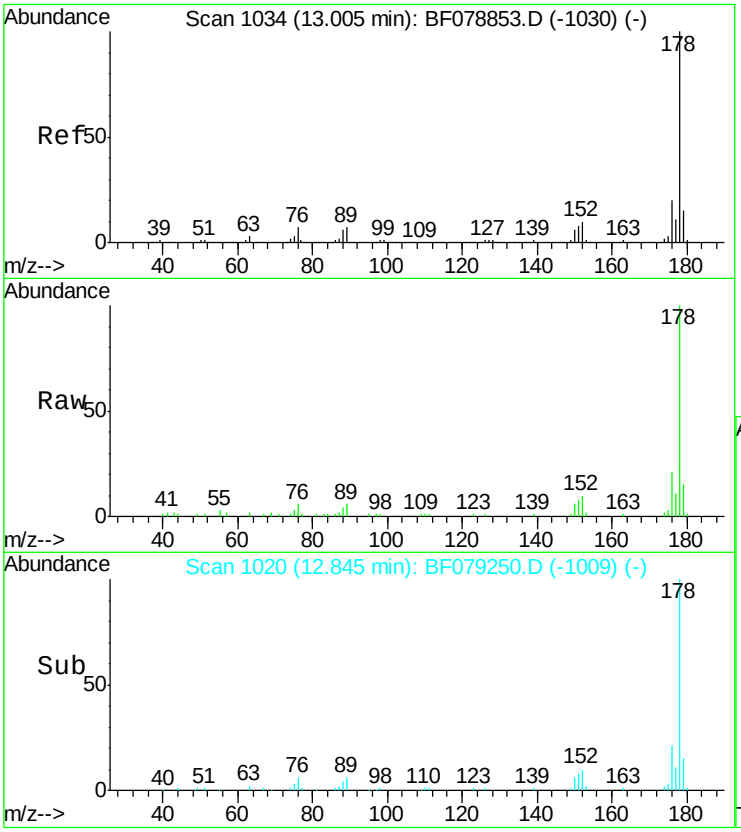


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:188 Resp: 187884

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.0
80	11.2	9.8	14.6



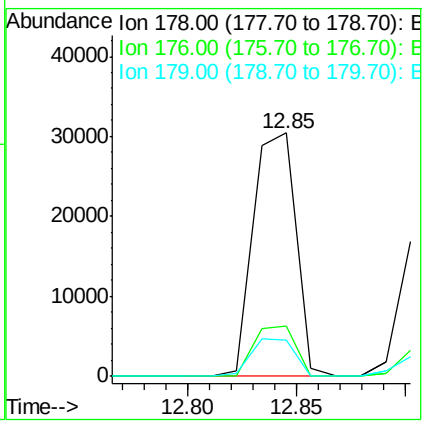


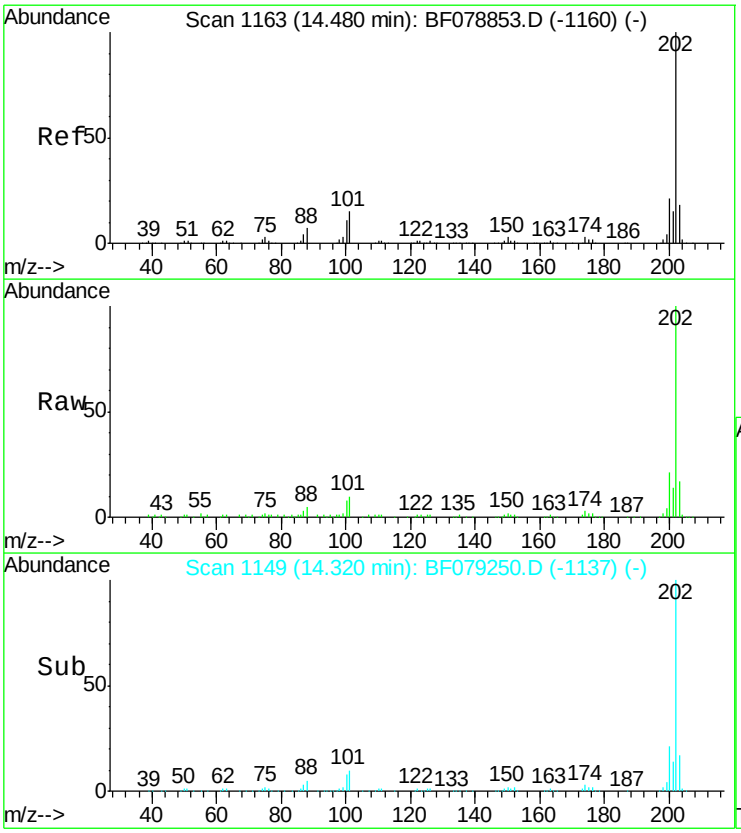
#70
Phenanthrene
Concen: 3.98 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:178 Resp: 41866

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	14.6	12.2	18.4

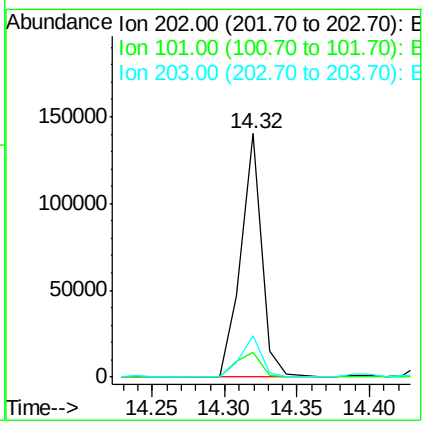


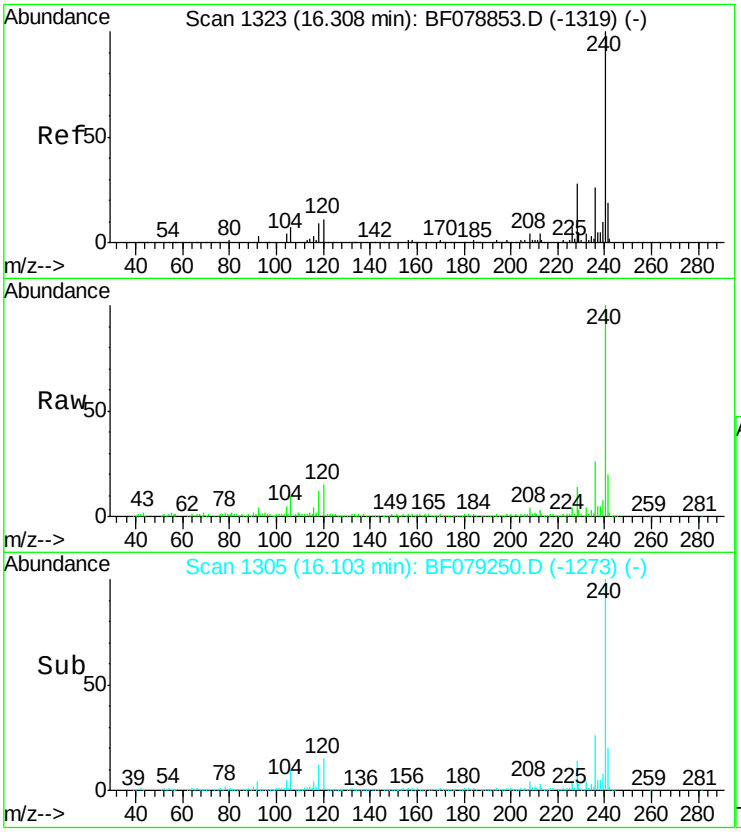


#74
Fluoranthene
Concen: 12.83 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:202 Resp: 140562

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.7
203	17.3	0.0	37.9



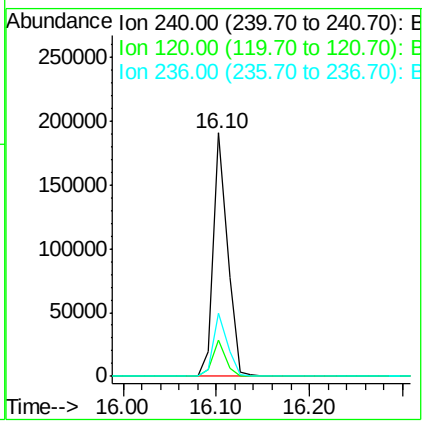


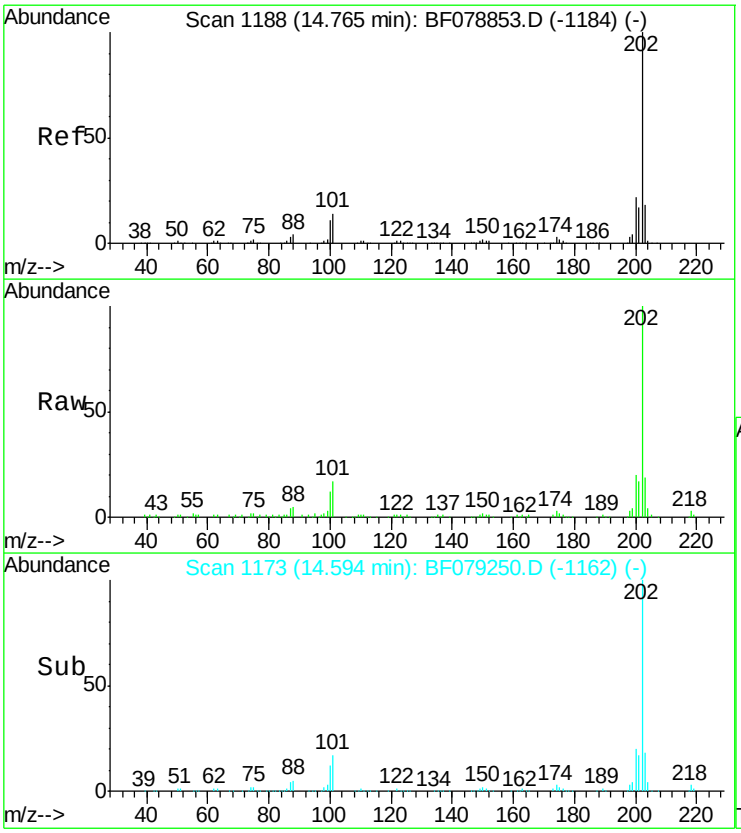
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1305
Delta R.T. -0.14 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:240 Resp: 201709

Ion	Ratio	Lower	Upper
240	100		
120	14.8	8.6	12.8#
236	25.9	21.0	31.6

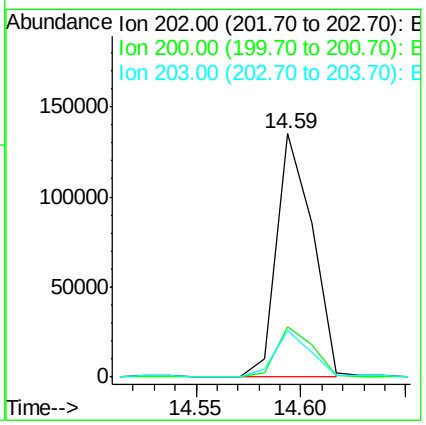


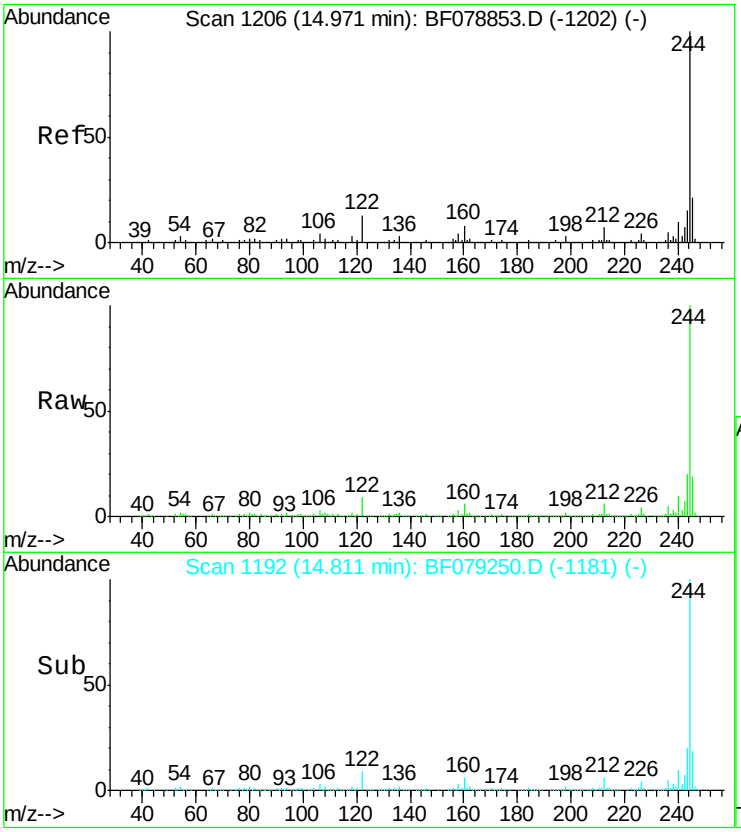


#77
Pyrene
Concen: 13.80 ng m
RT: 14.59 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:202 Resp: 160354

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.5	26.3
203	18.9	14.7	22.1



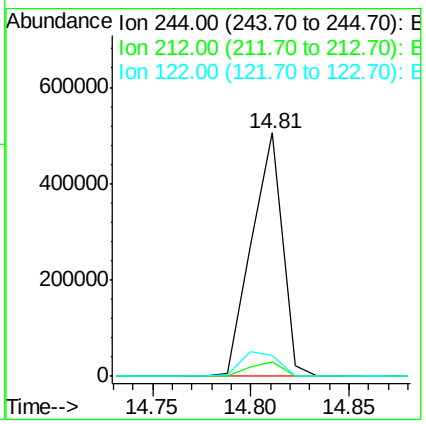


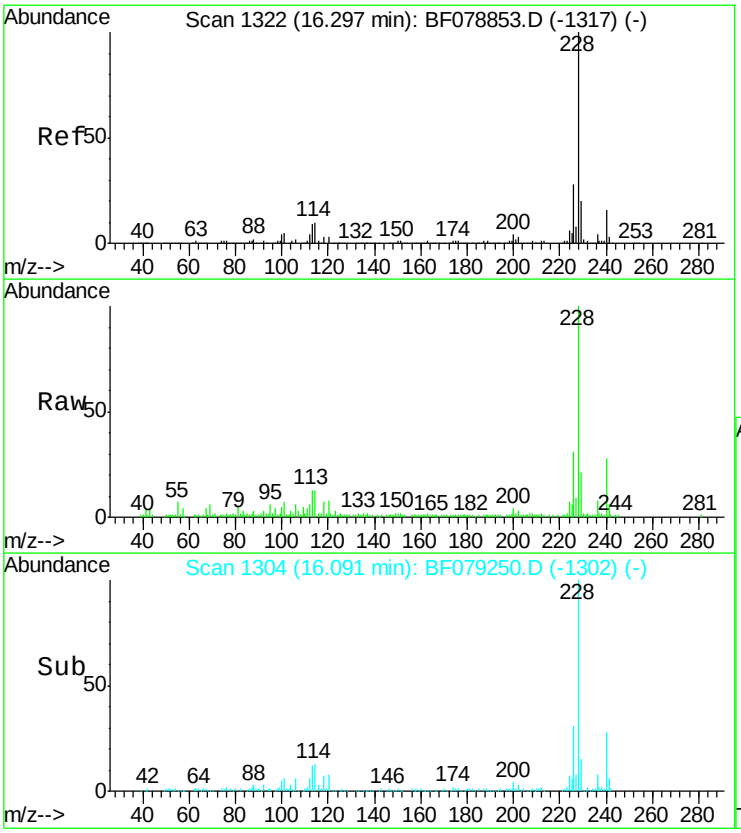
#78
Terphenyl-d14
Concen: 65.80 ng m
RT: 14.81 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:244 Resp: 554381

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	8.8	10.5	15.7#

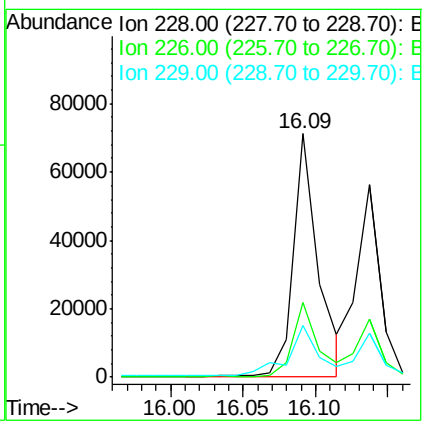


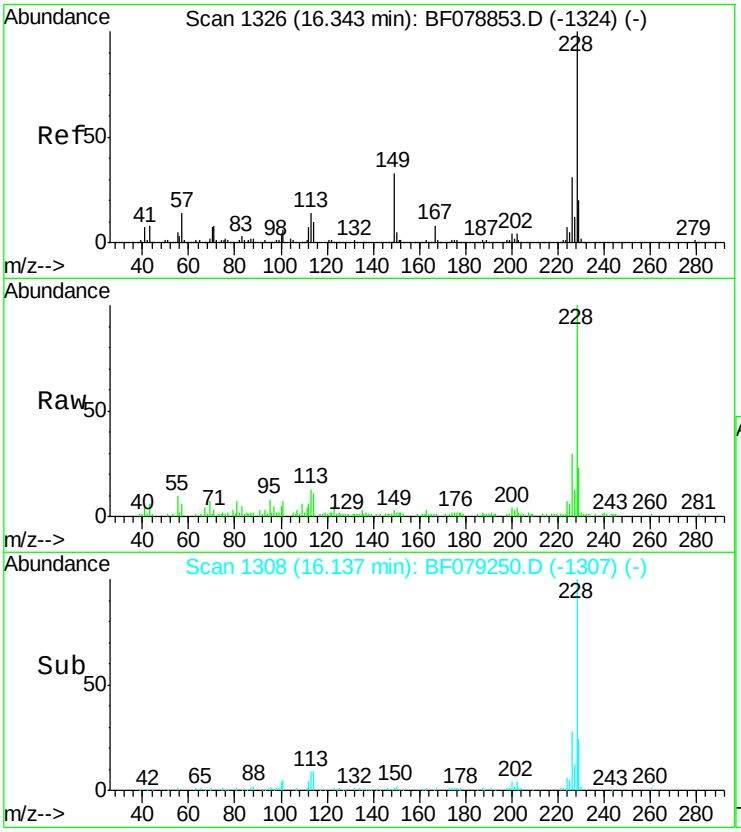


#80
Benzo(a)anthracene
Concen: 7.72 ng
RT: 16.09 min Scan# 1304
Delta R.T. -0.14 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:228 Resp: 85276

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	21.0	16.1	24.1



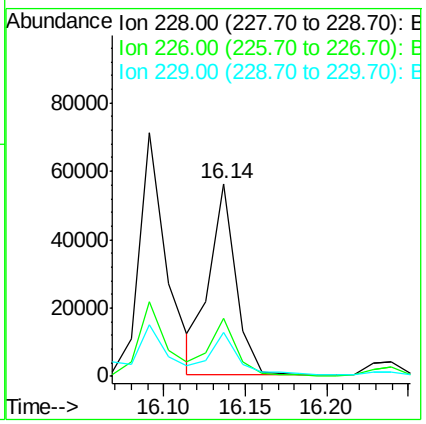


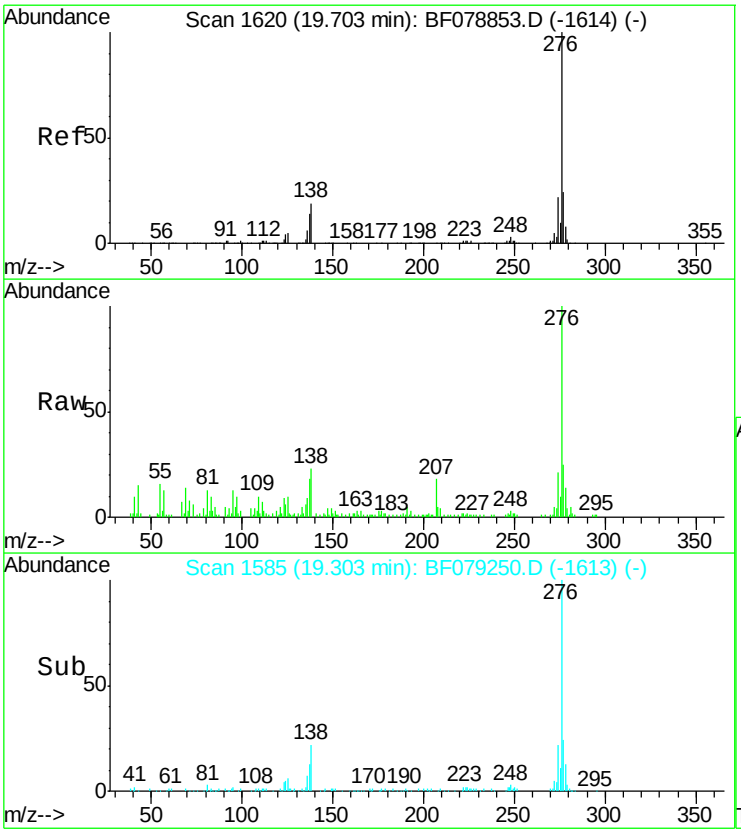
#82
Chrysene
Concen: 5.94 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.15 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:228 Resp: 63125

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	22.8	16.1	24.1

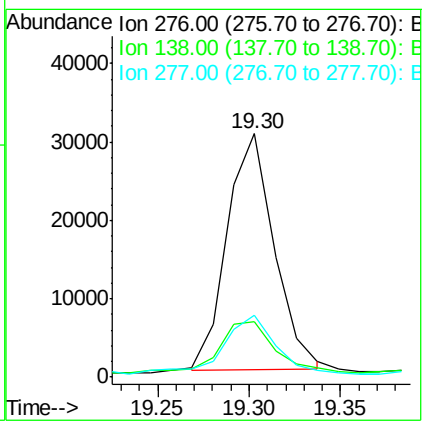


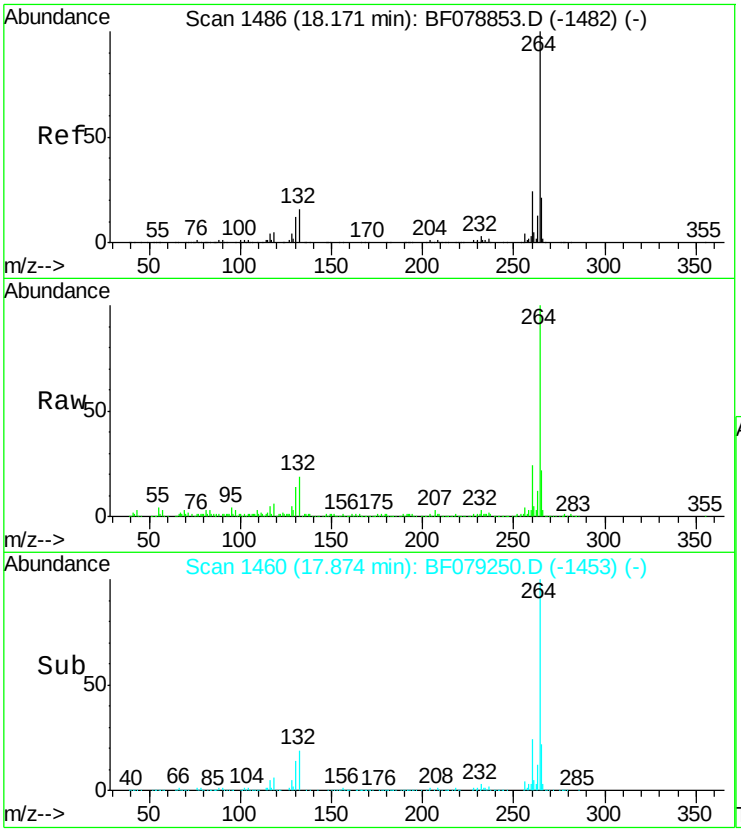


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.00 ng m
RT: 19.30 min Scan# 1585
Delta R.T. -0.53 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:276 Resp: 54197

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.1	31.7
277	29.7	19.9	29.9



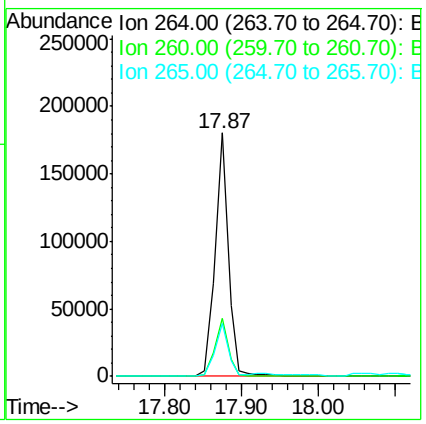


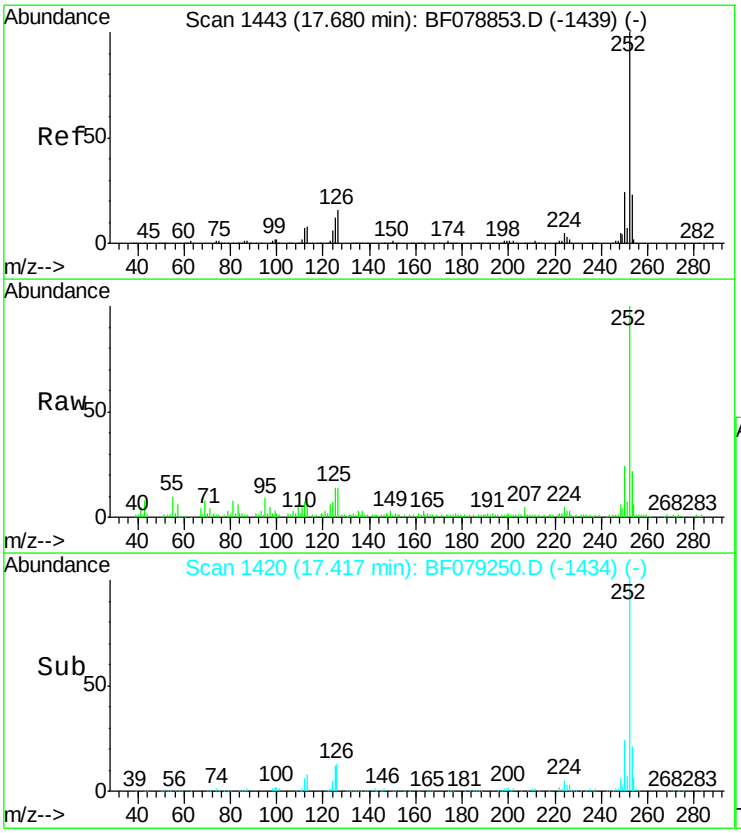
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1460
Delta R.T. -0.42 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:264 Resp: 217713

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.2	25.8

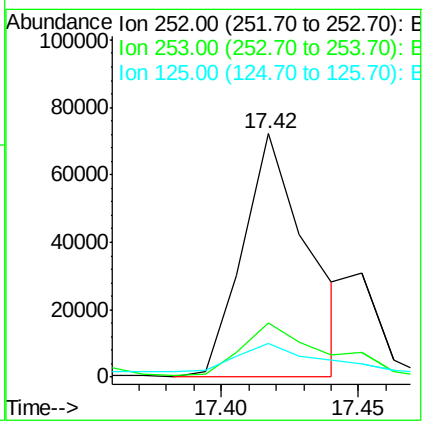


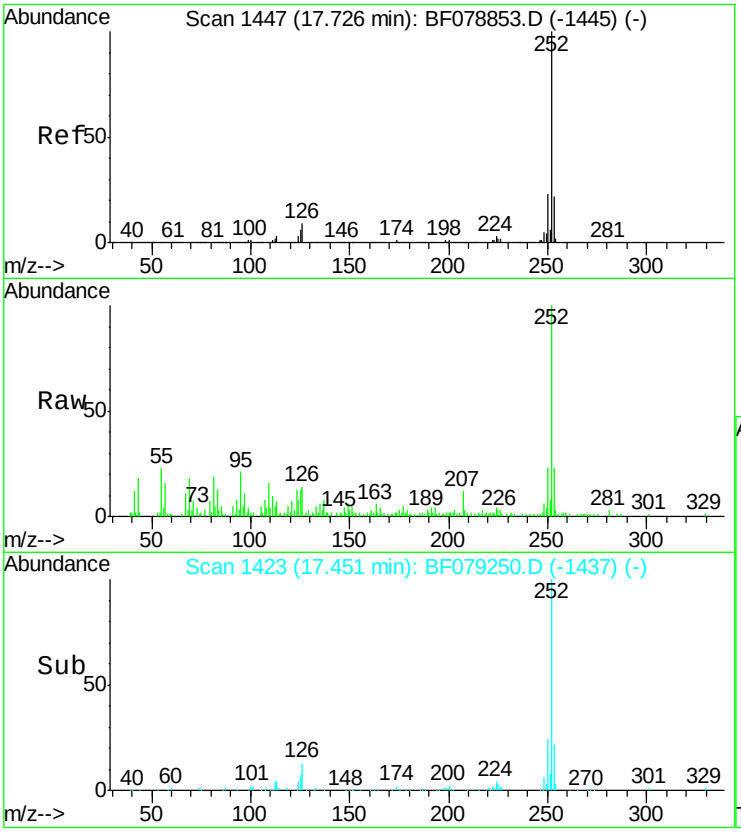


#87
Benzo(b)fluoranthene
Concen: 10.06 ng m
RT: 17.42 min Scan# 1420
Delta R.T. -0.34 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:252 Resp: 119829

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.0	9.4	14.2



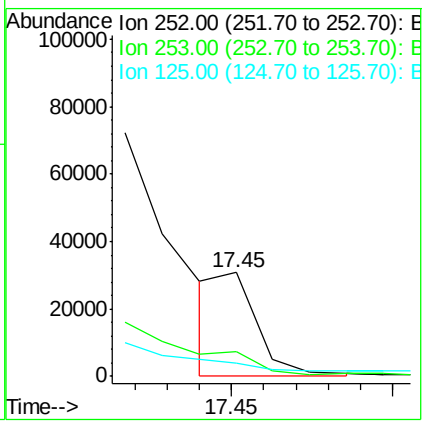


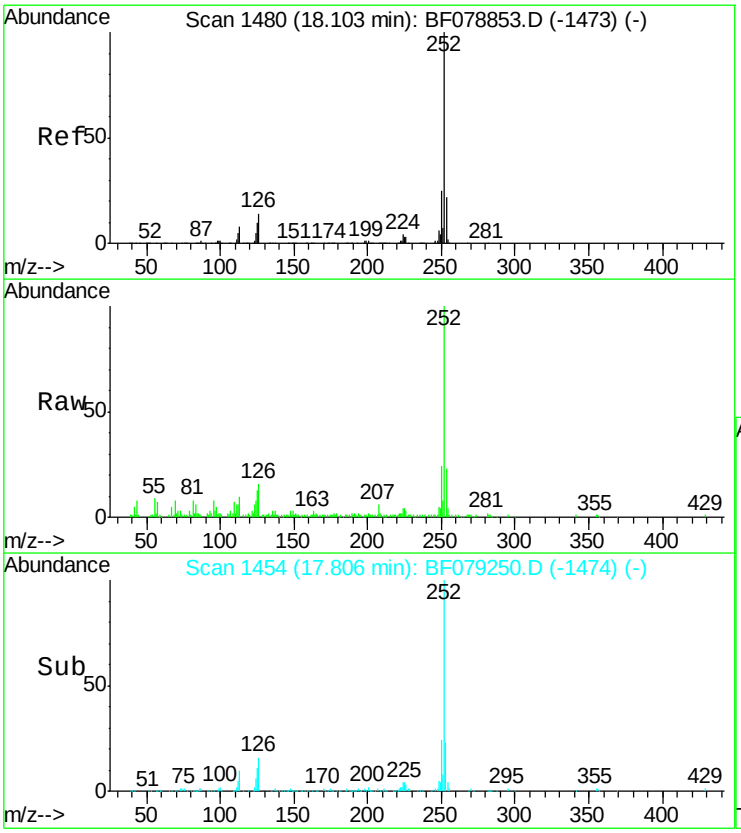
#88
Benzo(k)fluoranthene
Concen: 2.25 ng m
RT: 17.45 min Scan# 1423
Delta R.T. -0.34 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:252 Resp: 26008

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	12.8	6.1	9.1#

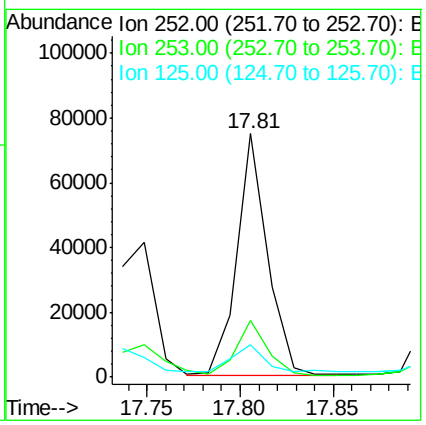


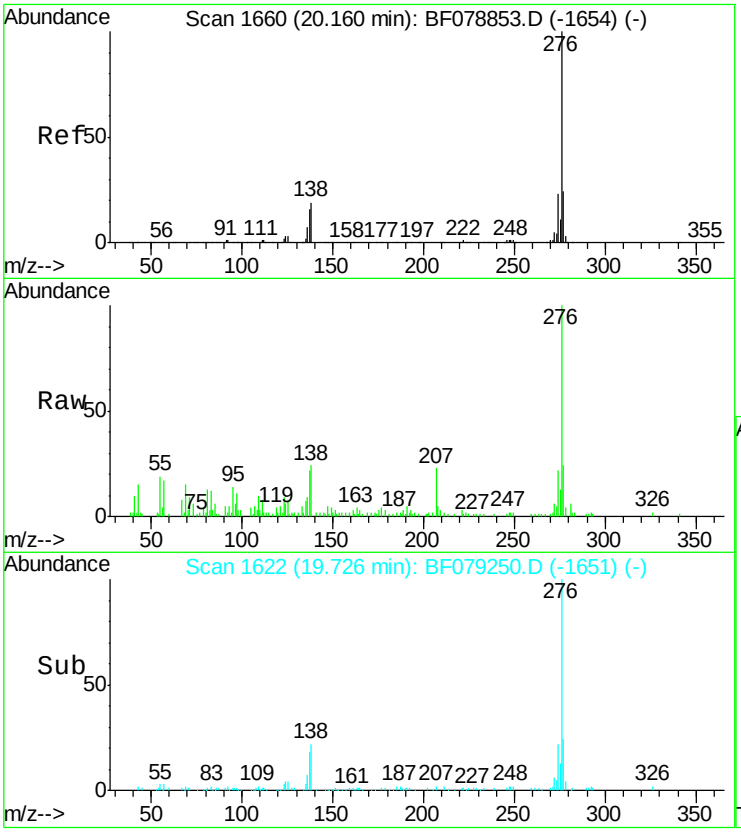


#89
Benzo(a)pyrene
Concen: 7.77 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.41 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Tgt Ion:252 Resp: 85216

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.2	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 5.02 ng
RT: 19.73 min Scan# 1622
Delta R.T. -0.54 min
Lab File: BF079250.D
Acq: 15 May 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PS-19(0-3)

Tgt Ion:276 Resp: 58689

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	23.5	15.2	22.8#