Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079249.D
Acq On : 14 May 2015 23:44
Operator : TP/IZ
Sample : G2177-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-30A(3-5)

Quant Time: May 15 03:59:20 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	48545	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	207583	20.00	ng		-0.01
38) Acenaphthene-d10	10.97	164	113543	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	223725	20.00	ng		0.00
75) Chrysene-d12	16.11	240	233922	20.00	ng		-0.13
86) Perylene-d12	17.89	264	243433	20.00	ng		-0.41
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	325756m	115.51	ng		0.00
7) Phenol-d6	6.79	99	467657	125.45	ng		0.00
23) Nitrobenzene-d5	7.91	82	249820	69.17	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	153075	124.62	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	510682	62.66	ng		-0.01
78) Terphenyl-d14	14.81	244	664716m	68.03	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	10.65	163	20520	2.46	ng		96
74) Fluoranthene	14.32	202	102843	7.89	ng		96
77) Pyrene	14.59	202	98669m	7.32	ng		
80) Benzo(a)anthracene	16.09	228	54589m	4.26	ng		
82) Chrysene	16.14	228	45504	3.69	ng		97
85) Indeno(1,2,3-cd)pyrene	19.31	276	31401m	2.00	ng		
87) Benzo(b)fluoranthene	17.43	252	72903m	5.47	ng		
88) Benzo(k)fluoranthene	17.44	252	28858m	2.24	ng		
89) Benzo(a)pyrene	17.82	252	50284	4.10	ng	#	78
91) Benzo(g,h,i)perylene	19.74	276	31222m	2.39	ng		

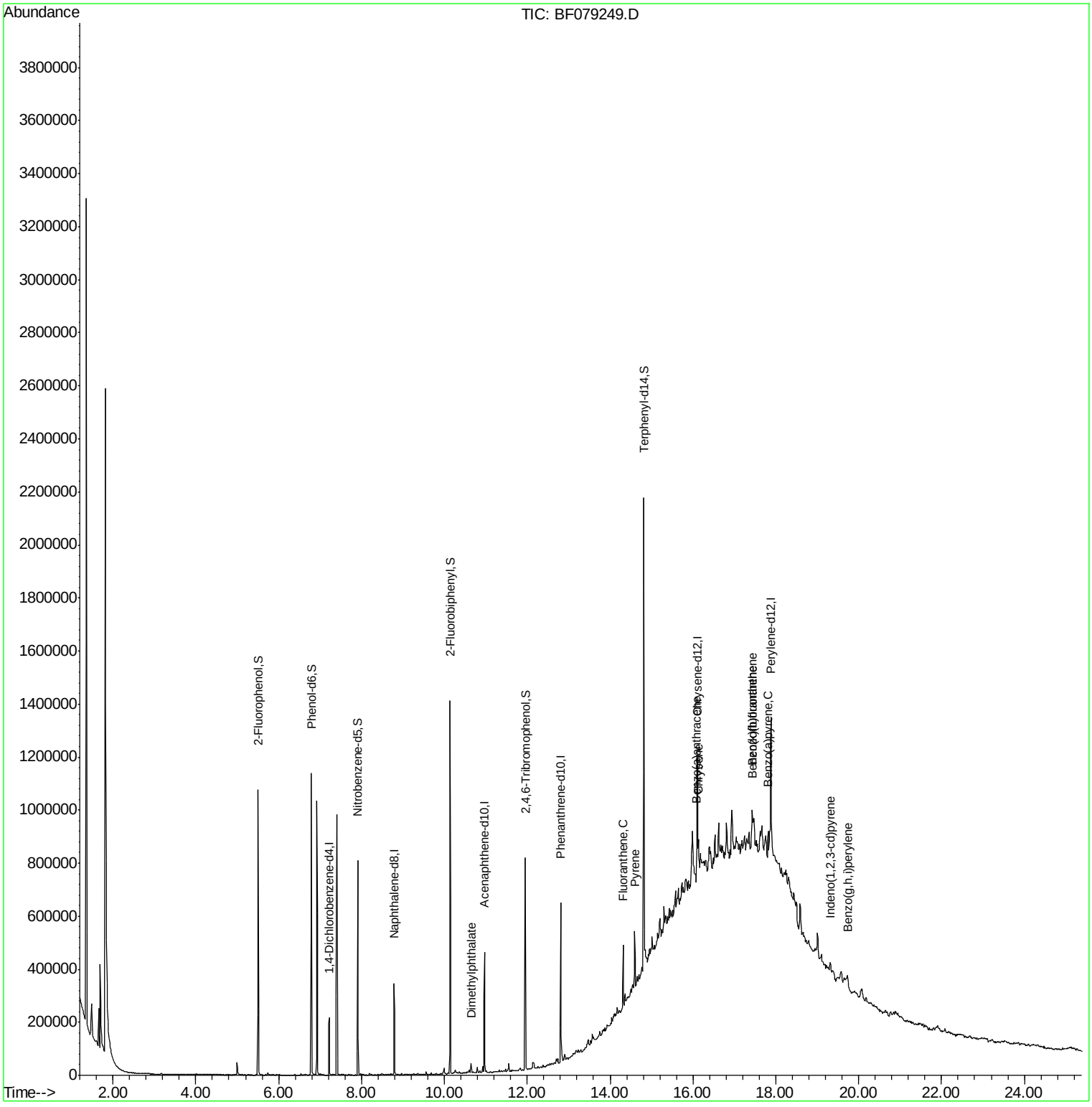
(#) = qualifier out of range (m) = manual integration (+) = signals summed

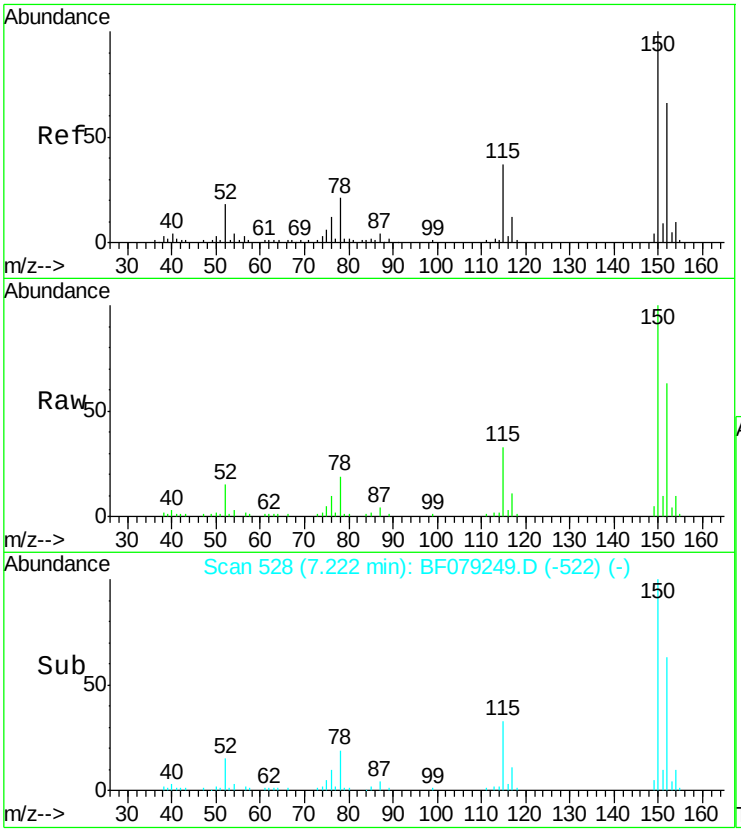
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079249.D
Acq On : 14 May 2015 23:44
Operator : TP/IZ
Sample : G2177-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Quant Time: May 15 03:59:20 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



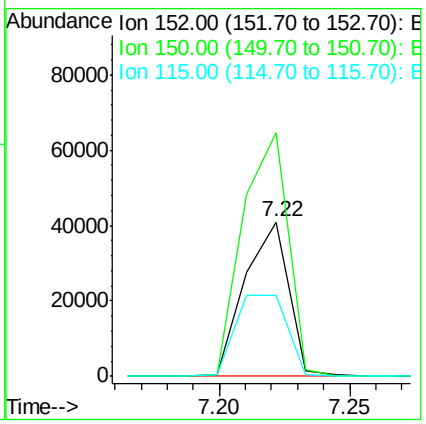


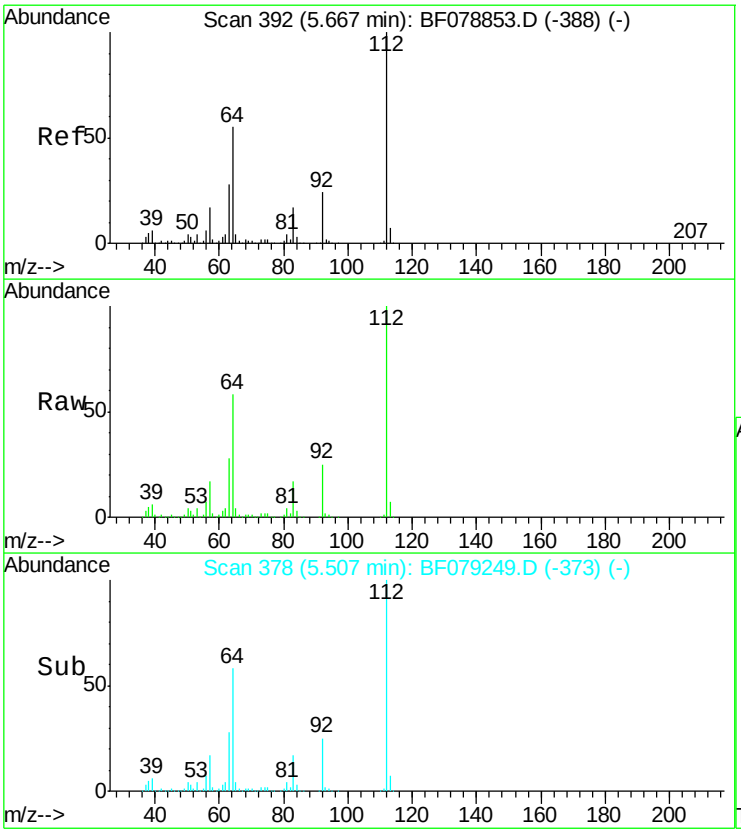
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:152 Resp: 48545

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.8
115	52.2	49.4	74.0

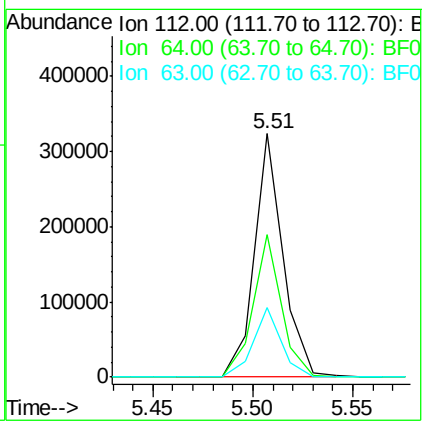


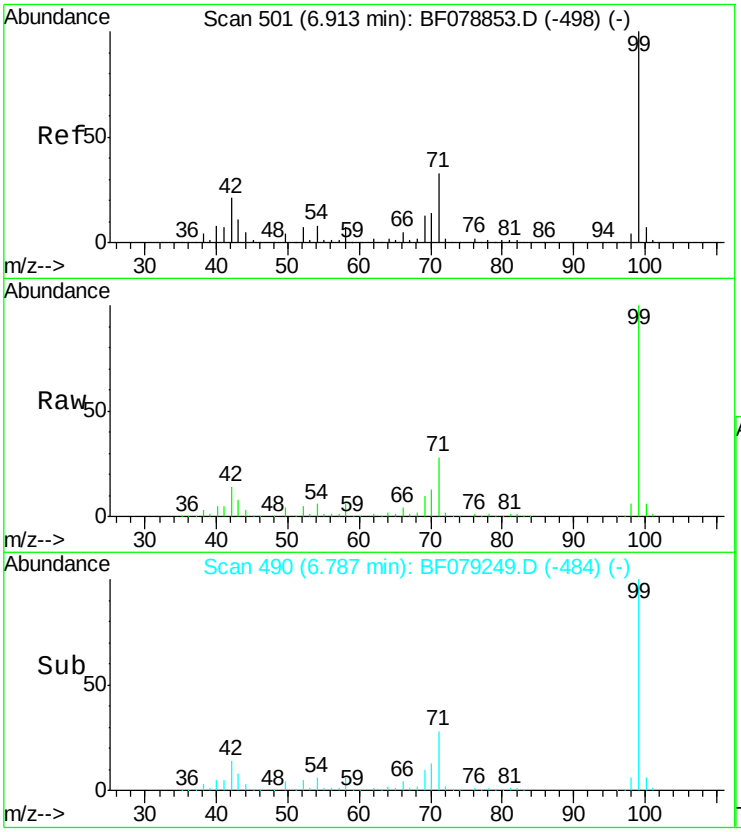


#5
2-Fluorophenol
Concen: 115.51 ng m
RT: 5.51 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:112 Resp: 325756

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.2	66.2
63	28.4	22.7	34.1



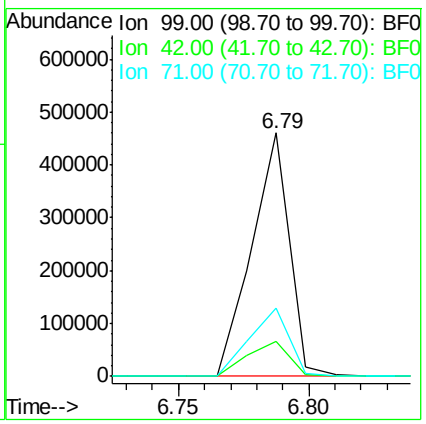


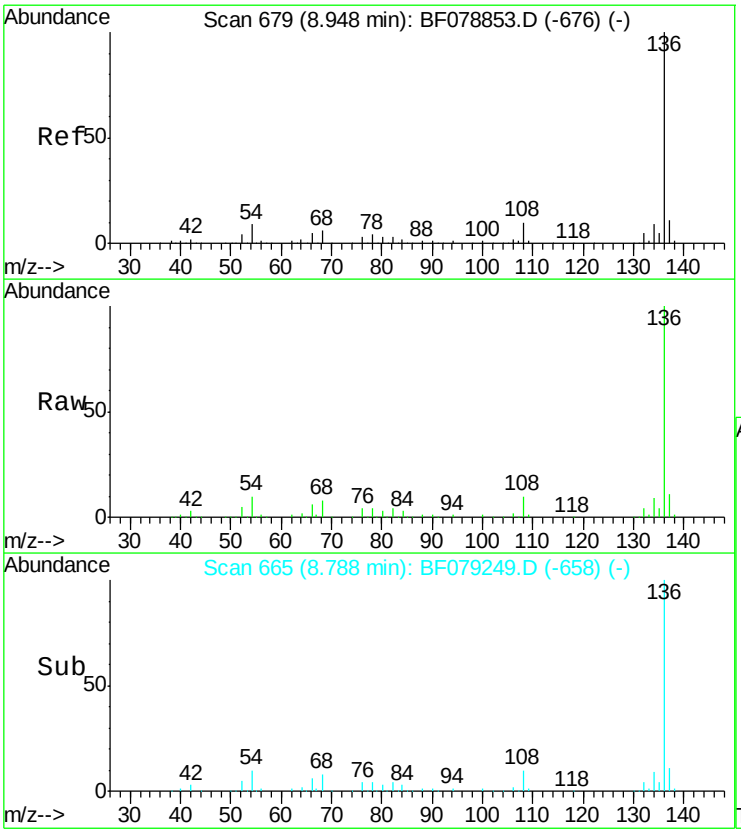
#7
Phenol-d6
Concen: 125.45 ng
RT: 6.79 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion: 99 Resp: 467657

Ion	Ratio	Lower	Upper
99	100		
42	14.3	17.1	25.7#
71	28.0	26.3	39.5

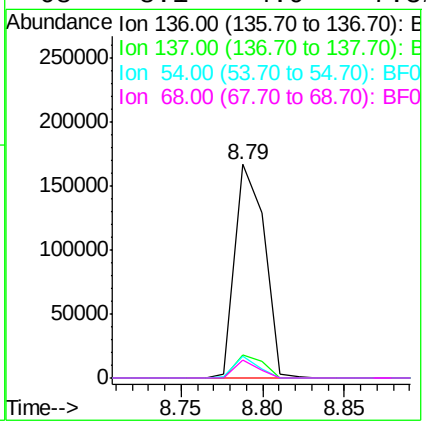


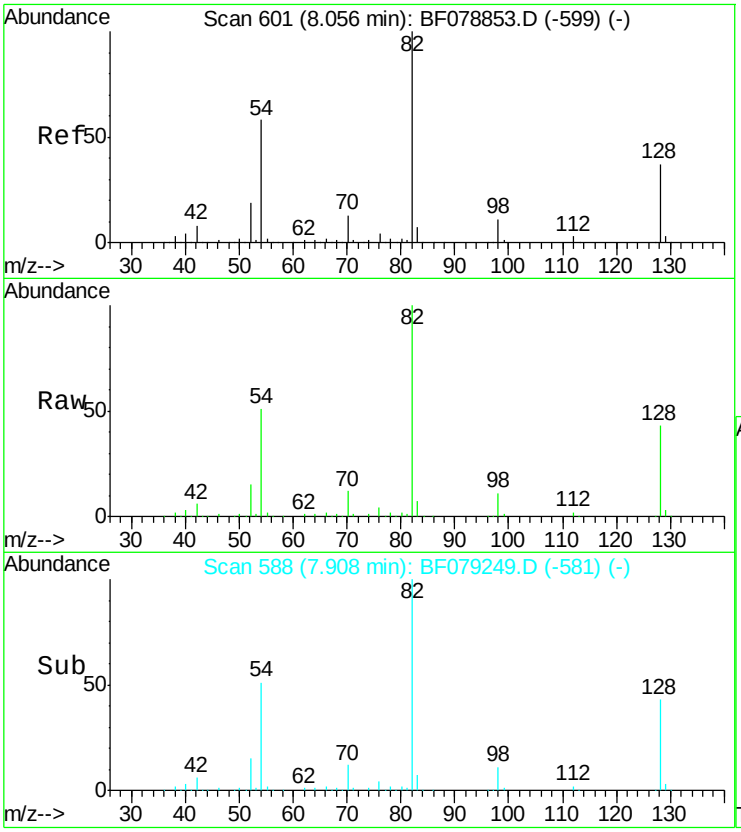


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:136 Resp: 207583

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	6.9	10.3
68	8.1	4.9	7.3#



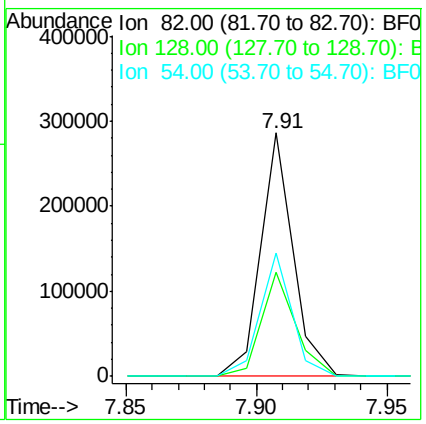


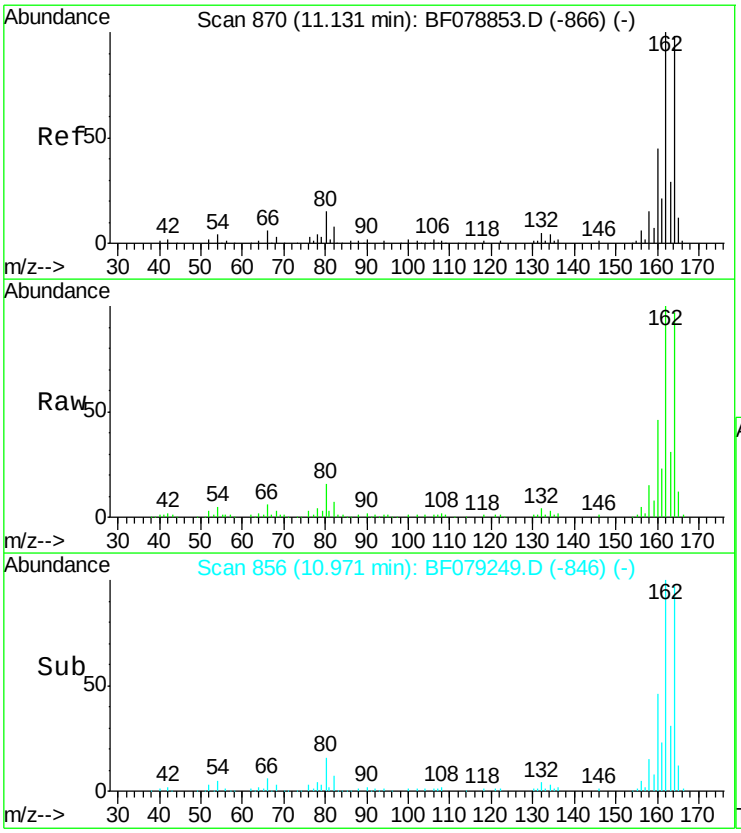
#23
Nitrobenzene-d5
Concen: 69.17 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion: 82 Resp: 249820

Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	50.7	46.2	69.4

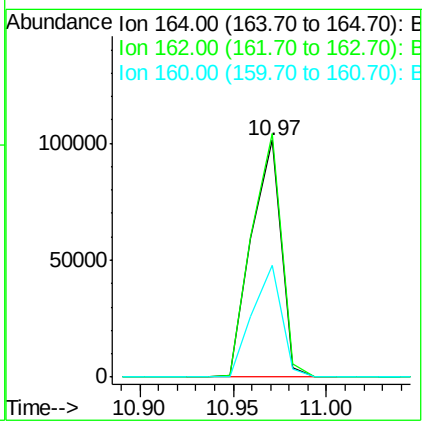


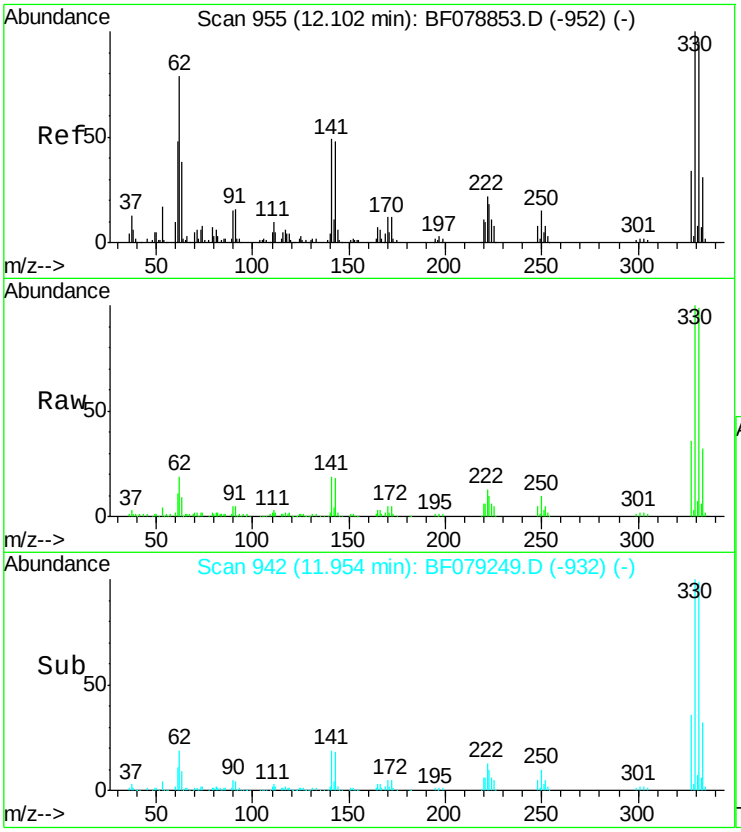


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:164 Resp: 113543

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	47.0	36.6	54.8



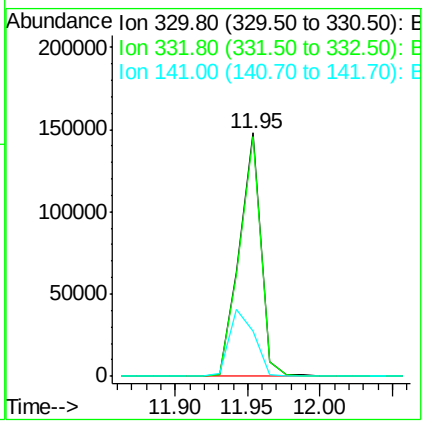


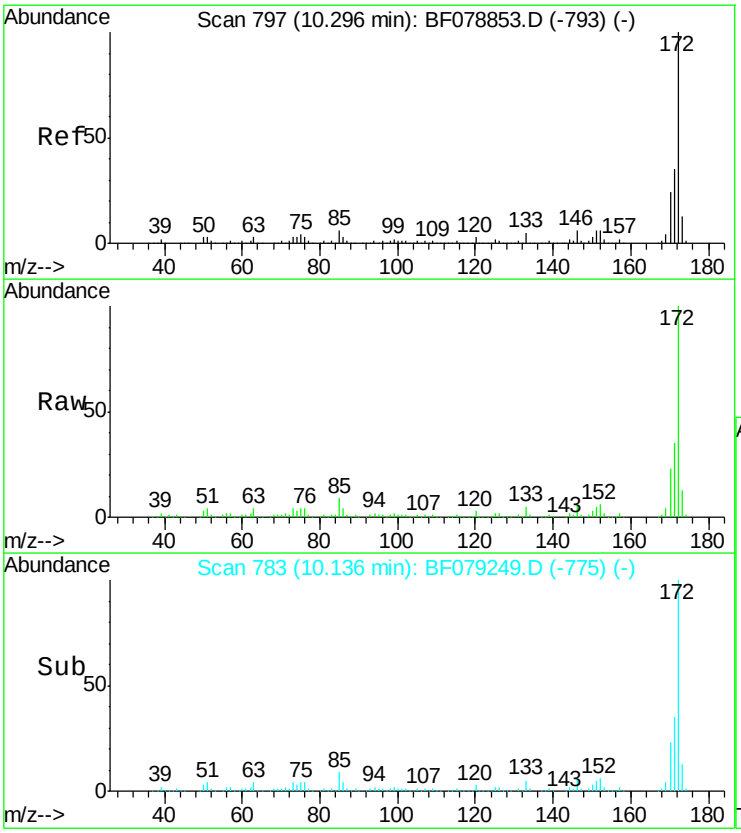
#41
2,4,6-Tribromophenol
Concen: 124.62 ng
RT: 11.95 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:330 Resp: 153075

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	32.2	27.8	41.8

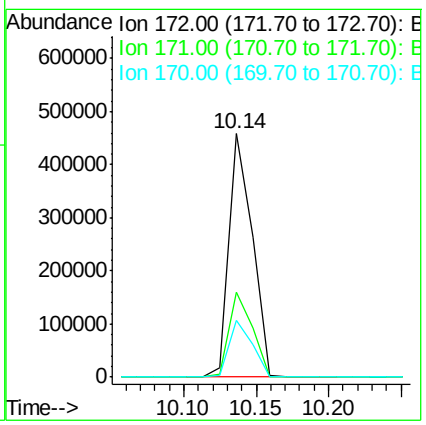


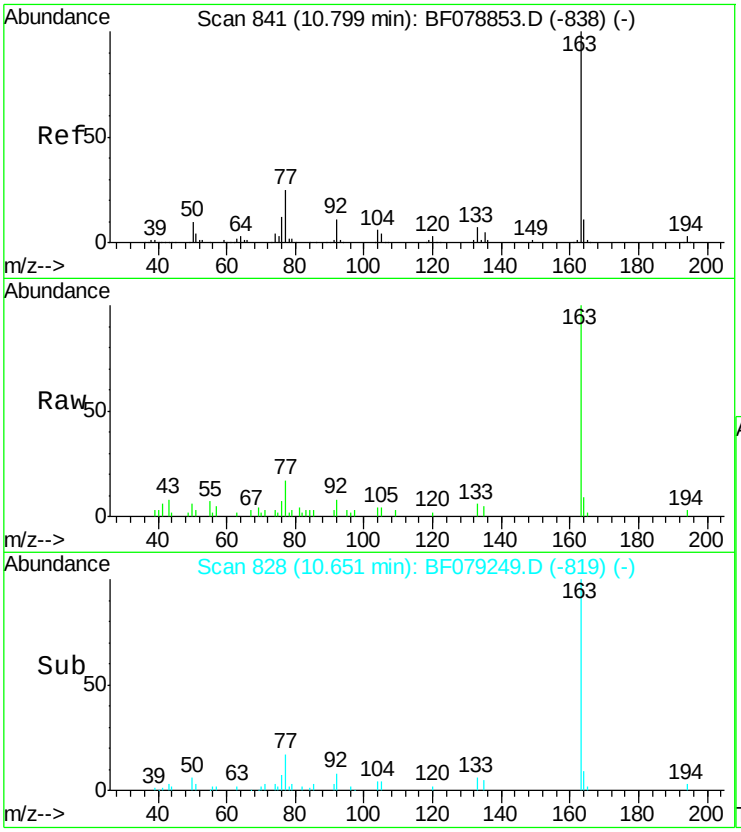


#44
2-Fluorobiphenyl
Concen: 62.66 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:172 Resp: 510682

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.2	19.4	29.2



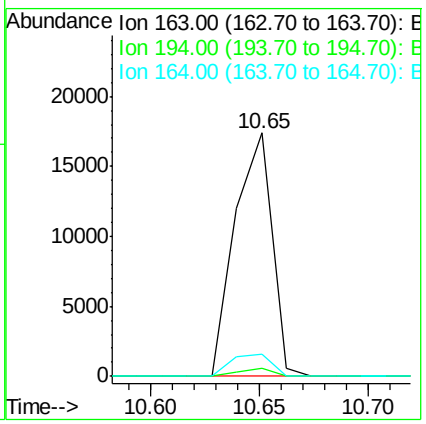


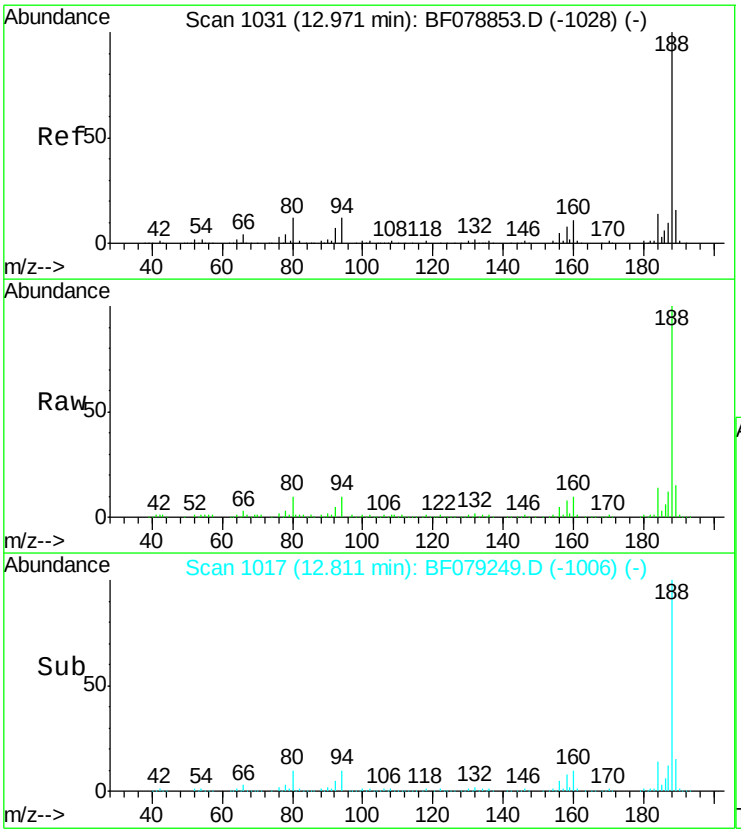
#49
Dimethylphthalate
Concen: 2.46 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:163 Resp: 20520

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.4	3.6
164	8.9	8.6	12.8

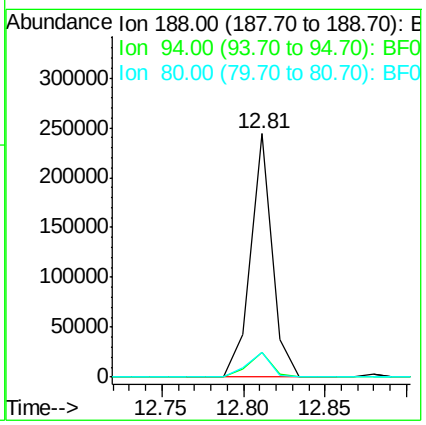


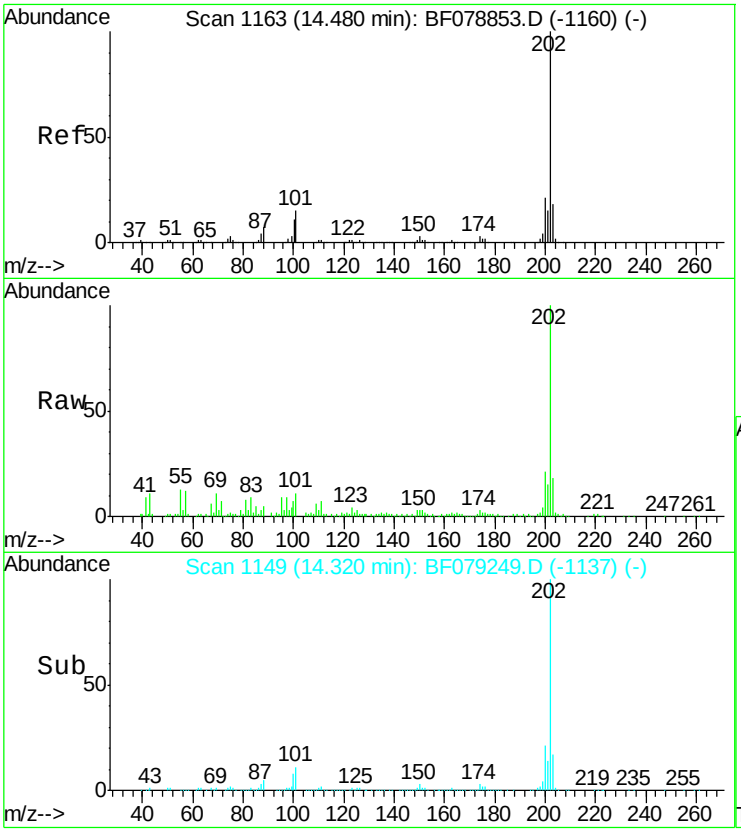


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:188 Resp: 223725

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.0
80	10.3	9.8	14.6



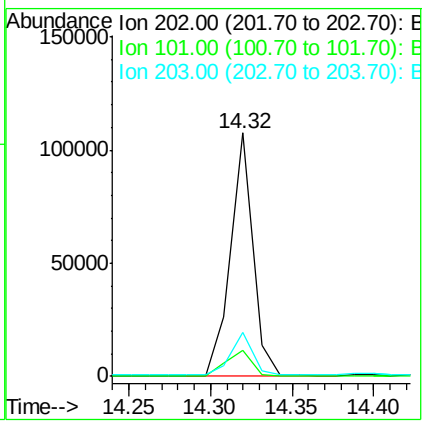


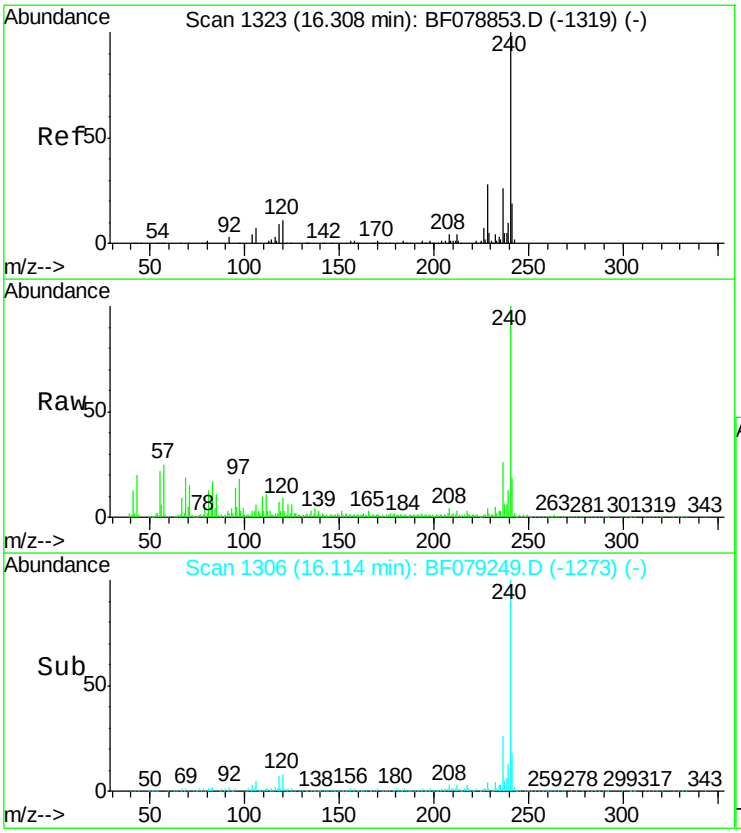
#74
Fluoranthene
Concen: 7.89 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:202 Resp: 102843

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.7
203	17.9	0.0	37.9

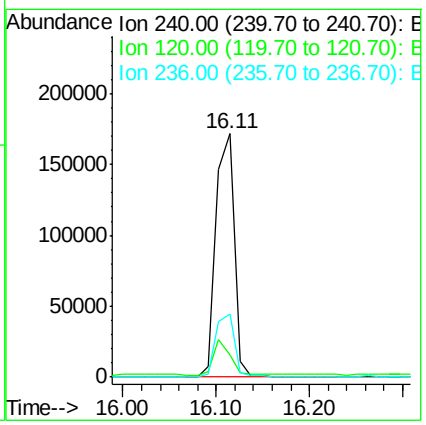


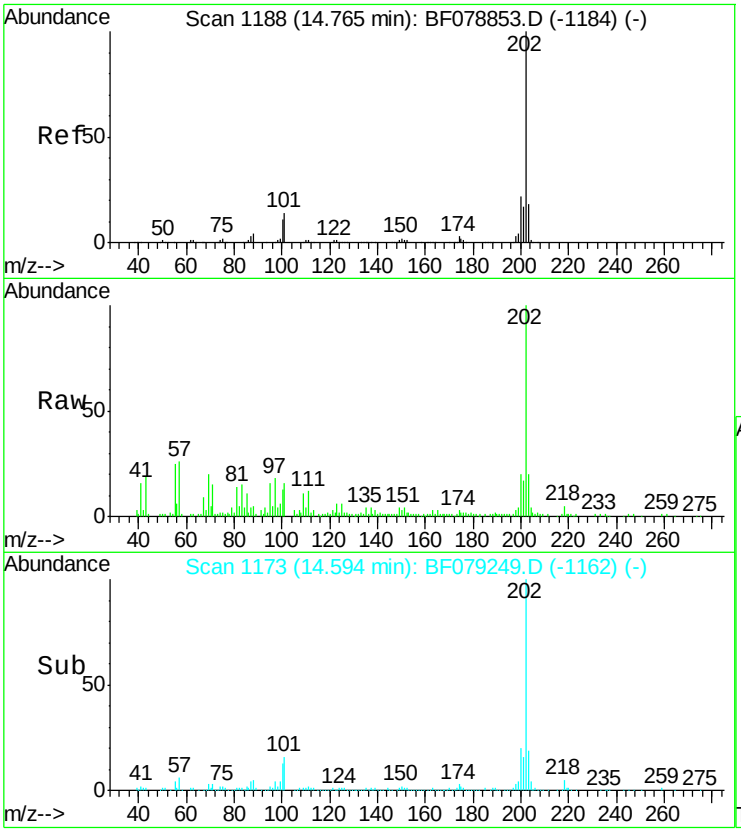


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.13 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:240 Resp: 233922

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.6	12.8
236	26.2	21.0	31.6



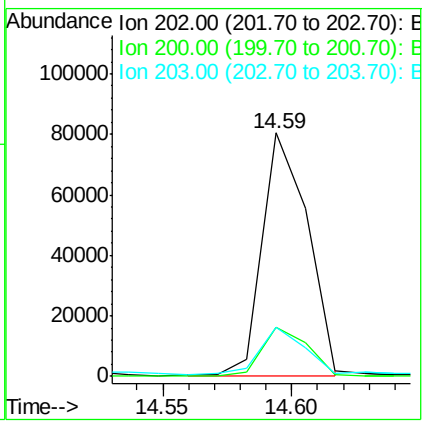


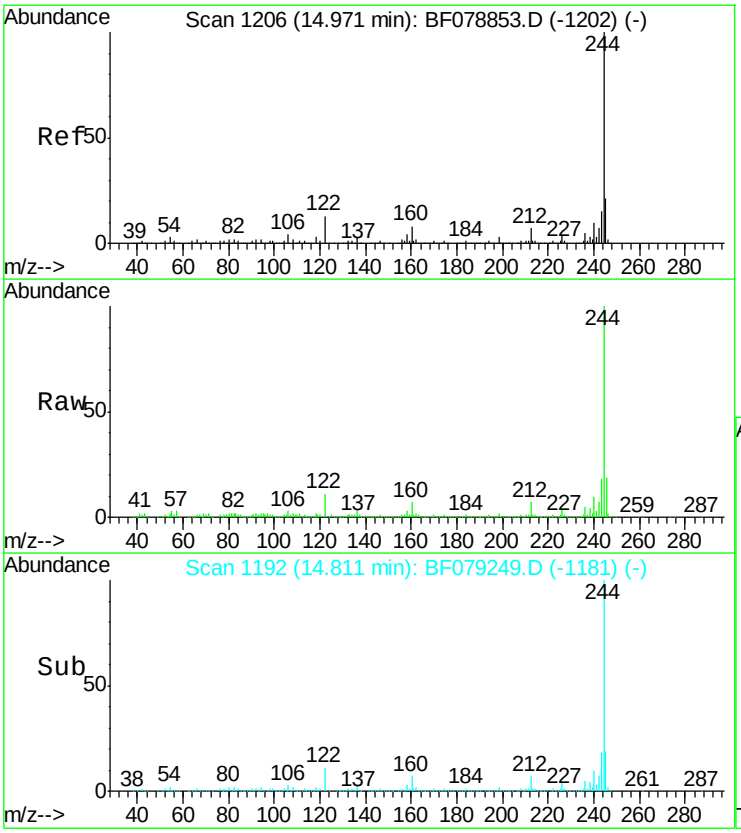
#77
Pyrene
Concen: 7.32 ng m
RT: 14.59 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:202 Resp: 98669

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.5	26.3
203	20.0	14.7	22.1

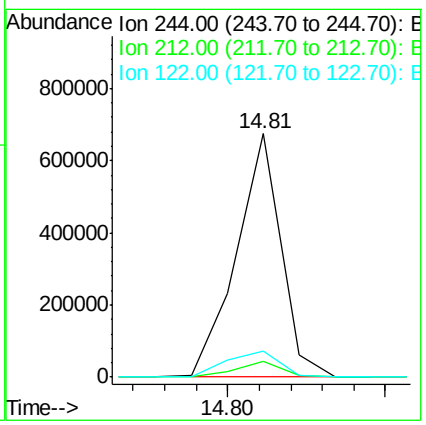


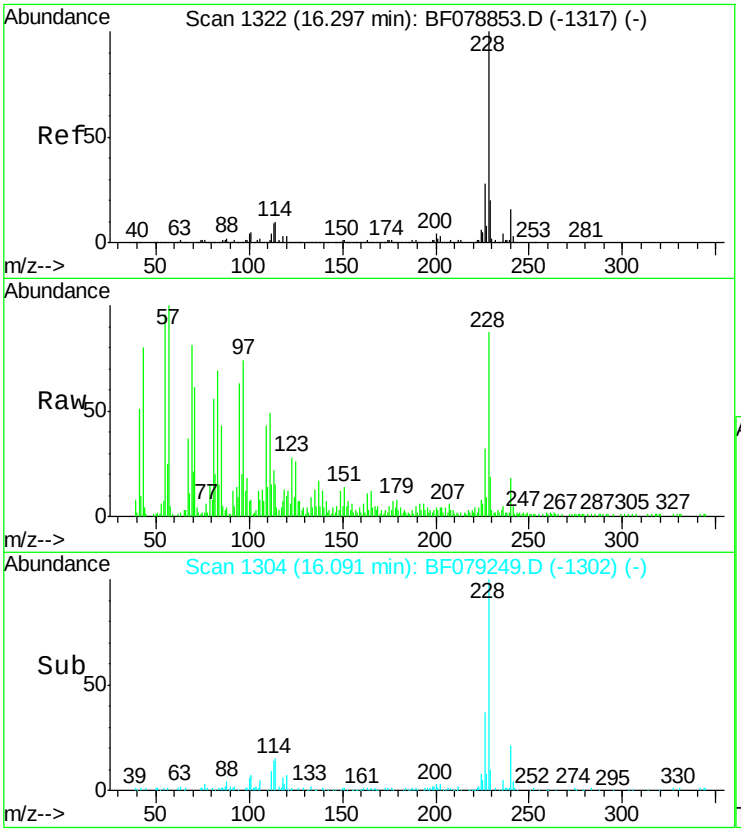


#78
Terphenyl-d14
Concen: 68.03 ng m
RT: 14.81 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:244 Resp: 664716

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.9	10.5	15.7



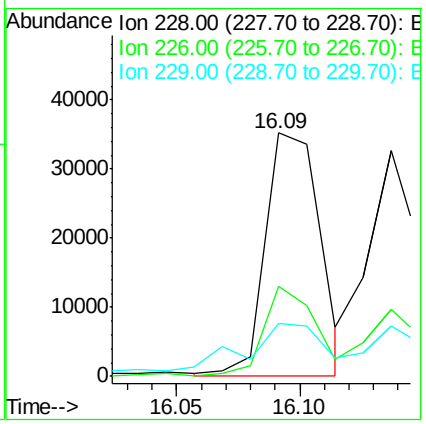


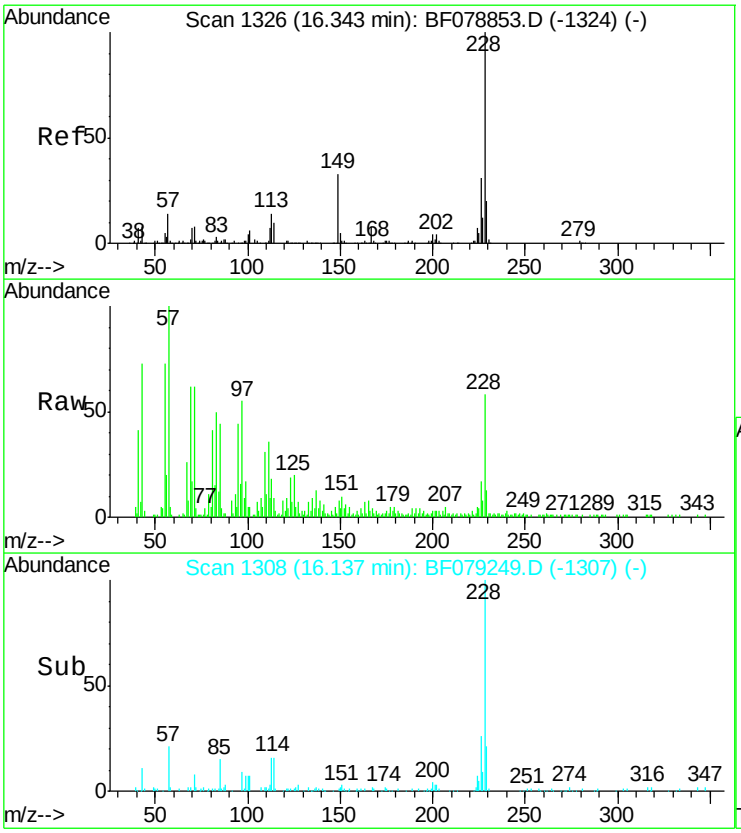
#80
Benzo(a)anthracene
Concen: 4.26 ng m
RT: 16.09 min Scan# 1304
Delta R.T. -0.14 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:228 Resp: 54589

Ion	Ratio	Lower	Upper
228	100		
226	37.1	22.3	33.5#
229	21.6	16.1	24.1

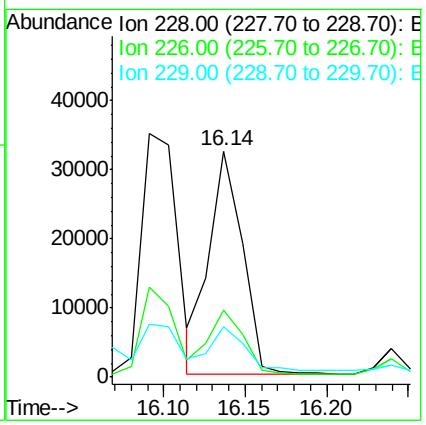


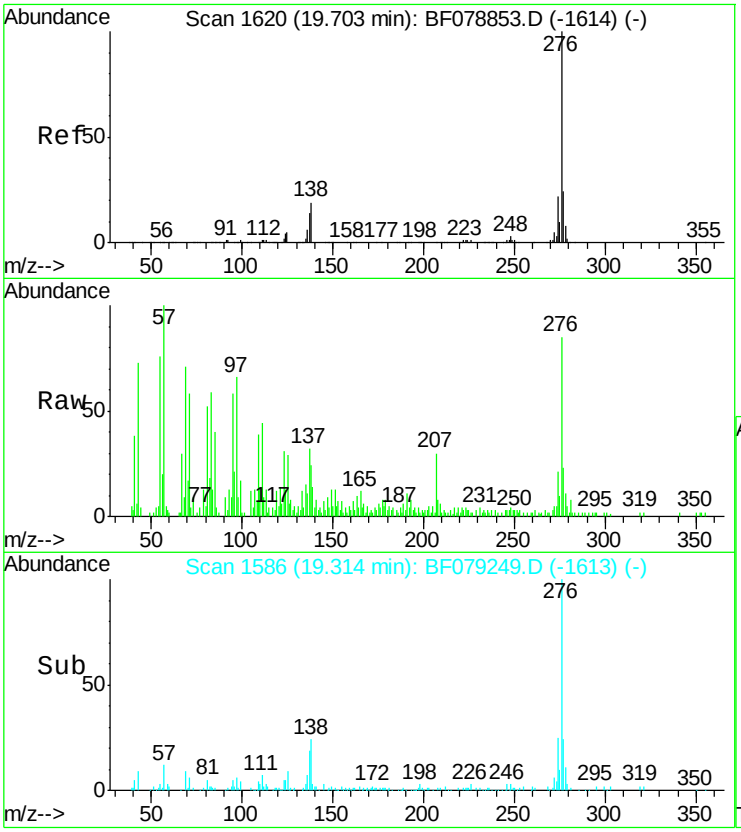


#82
Chrysene
Concen: 3.69 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.15 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:228 Resp: 45504

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	22.4	16.1	24.1



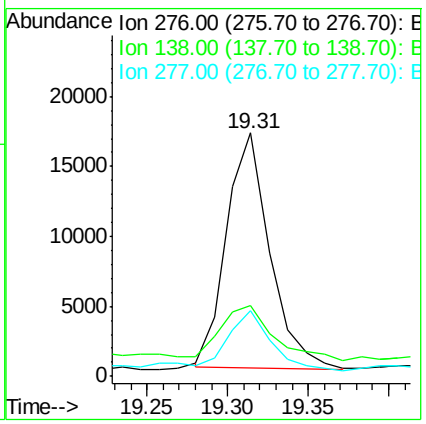


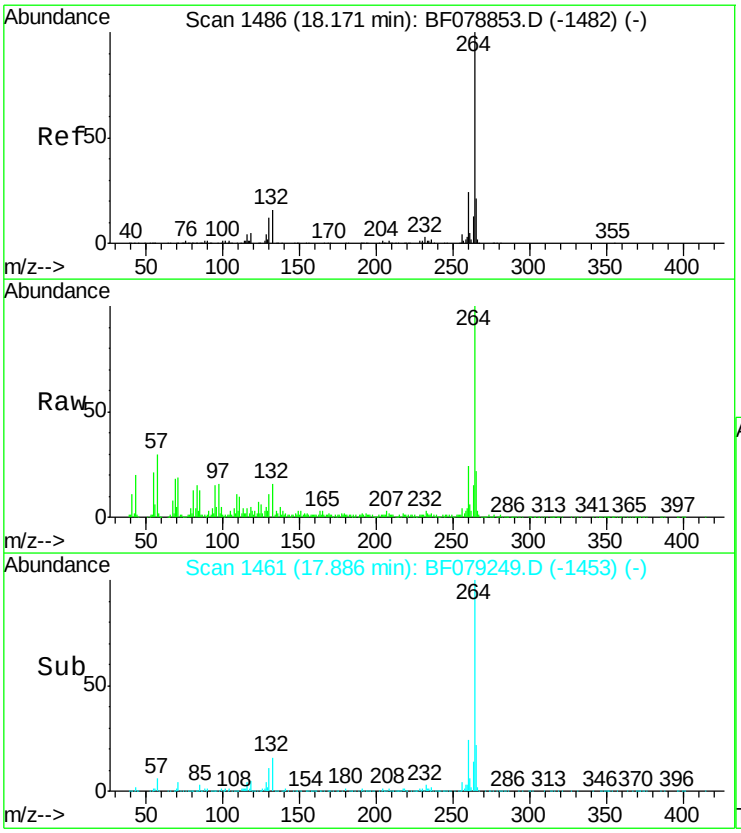
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng m
RT: 19.31 min Scan# 1586
Delta R.T. -0.51 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:276 Resp: 31401

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.1	31.7
277	23.8	19.9	29.9

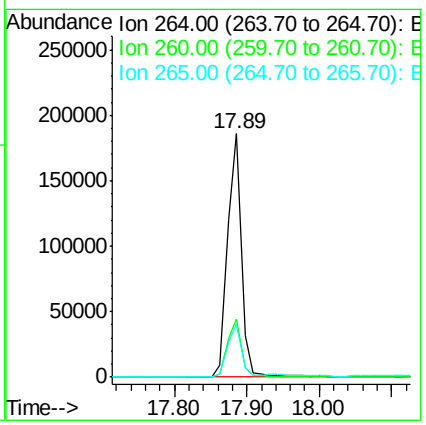


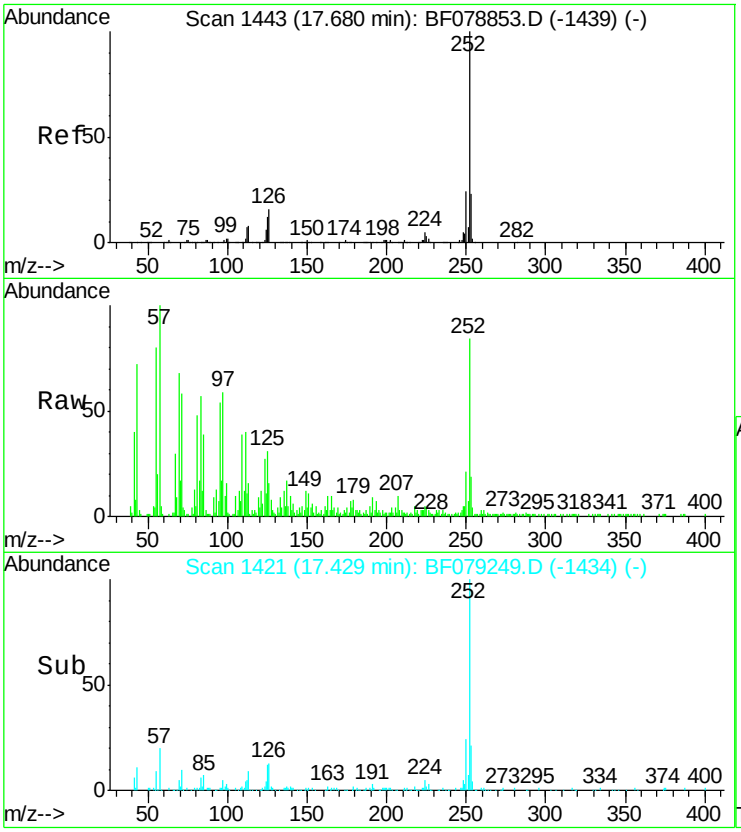


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1461
Delta R.T. -0.41 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:264 Resp: 243433

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.2	25.8



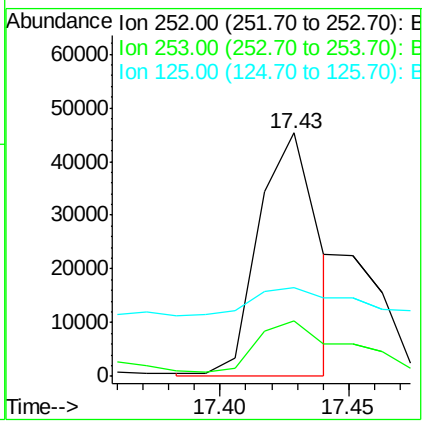


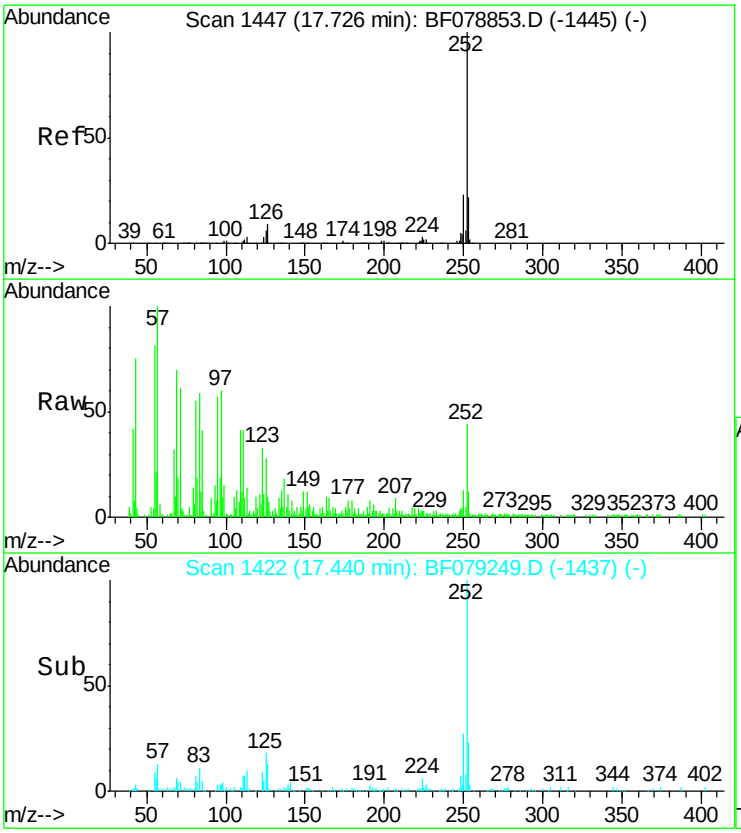
#87
Benzo(b)fluoranthene
Concen: 5.47 ng m
RT: 17.43 min Scan# 1421
Delta R.T. -0.33 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:252 Resp: 72903

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	36.6	9.4	14.2#

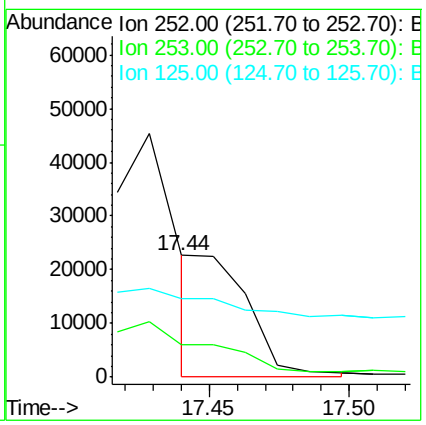


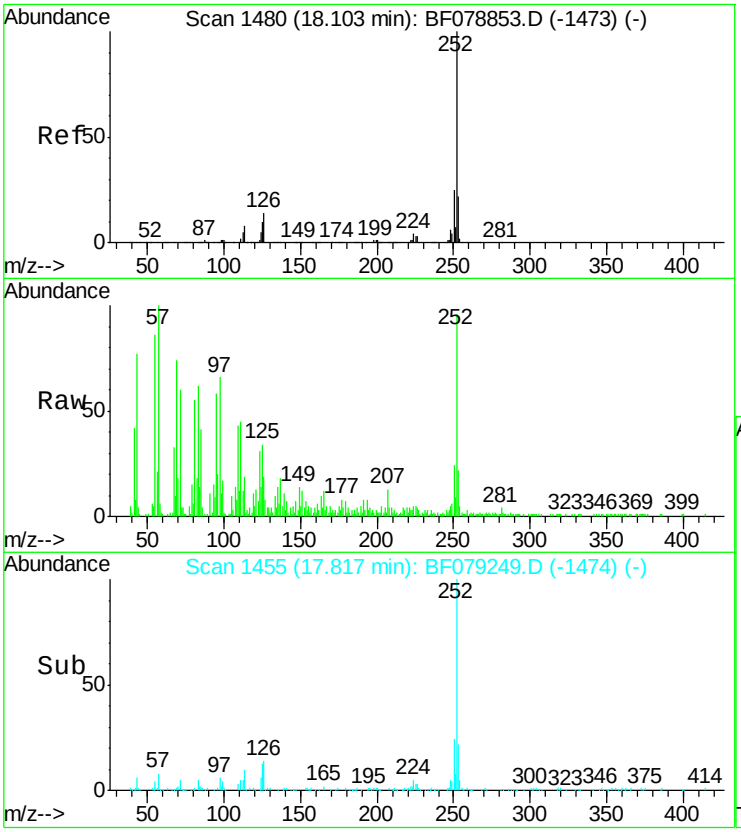


#88
Benzo(k)fluoranthene
Concen: 2.24 ng m
RT: 17.44 min Scan# 1422
Delta R.T. -0.35 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:252 Resp: 28858

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.4	26.0#
125	64.7	6.1	9.1#



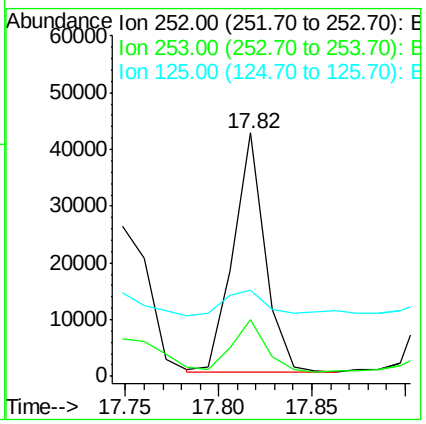


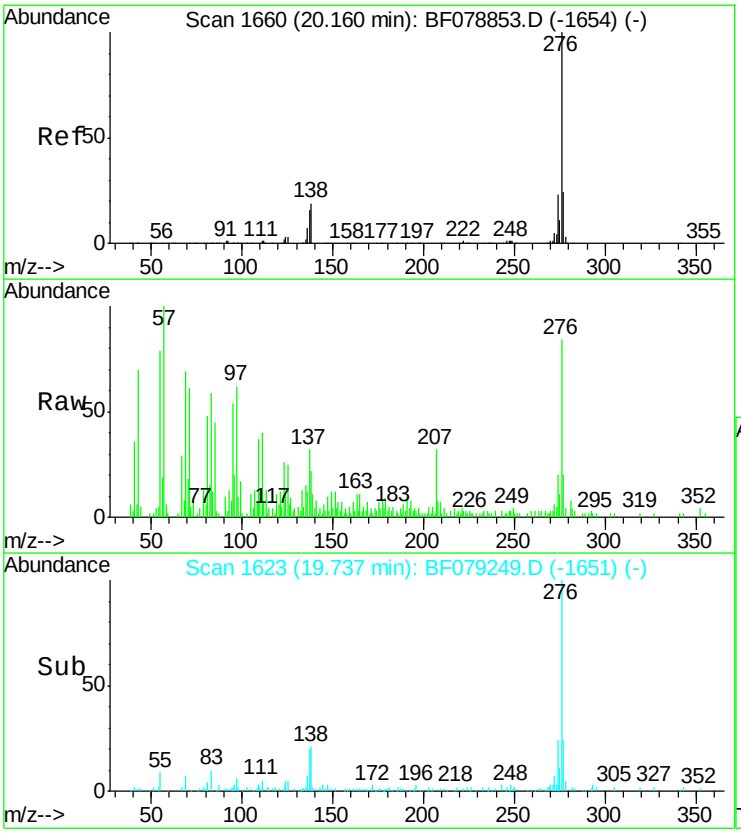
#89
Benzo(a)pyrene
Concen: 4.10 ng
RT: 17.82 min Scan# 1455
Delta R.T. -0.40 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Instrument :
BNA_F
ClientSampleId :
PS-30A(3-5)

Tgt Ion:252 Resp: 50284

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	35.2	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 2.39 ng m
RT: 19.74 min Scan# 1623
Delta R.T. -0.53 min
Lab File: BF079249.D
Acq: 14 May 2015 23:44

Tgt Ion:276 Resp: 31222

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	26.1	15.2	22.8#