Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Time: May 13 01:13:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	64455	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	283279	20.00	ng		0.00
38) Acenaphthene-d10	11.03	164	135678	20.00	ng		-0.01
63) Phenanthrene-d10	12.88	188	263458	20.00	ng		0.00
75) Chrysene-d12	16.19	240	275564	20.00	ng		0.00
86) Perylene-d12	18.01	264	298496	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	296481	79.18	ng		0.01
7) Phenol-d6	6.84	99	400300	80.88	ng		0.00
23) Nitrobenzene-d5	7.98	82	223582	45.36	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	113031	77.01	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	442921	45.48	ng		0.00
78) Terphenyl-d14	14.87	244	490605	42.62	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	10.71	163	22688	2.28	ng	#	97
70) Phenanthrene	12.90	178	130436	8.85	ng		99
74) Fluoranthene	14.39	202	271630	17.69	ng		92
77) Pyrene	14.66	202	264808	16.68	ng		98
80) Benzo(a)anthracene	16.17	228	135135	8.96	ng		95
82) Chrysene	16.22	228	135514	9.34	ng		97
85) Indeno(1,2,3-cd)pyrene	19.47	276	103621	5.60	ng	#	100
87) Benzo(b)fluoranthene	17.54	252	248233	15.19	ng		98
88) Benzo(k)fluoranthene	17.54	252	250698	15.85	ng		98
89) Benzo(a)pyrene	17.94	252	137499	9.14	ng	#	97
91) Benzo(g,h,i)perylene	19.91	276	106021	6.62	ng		96

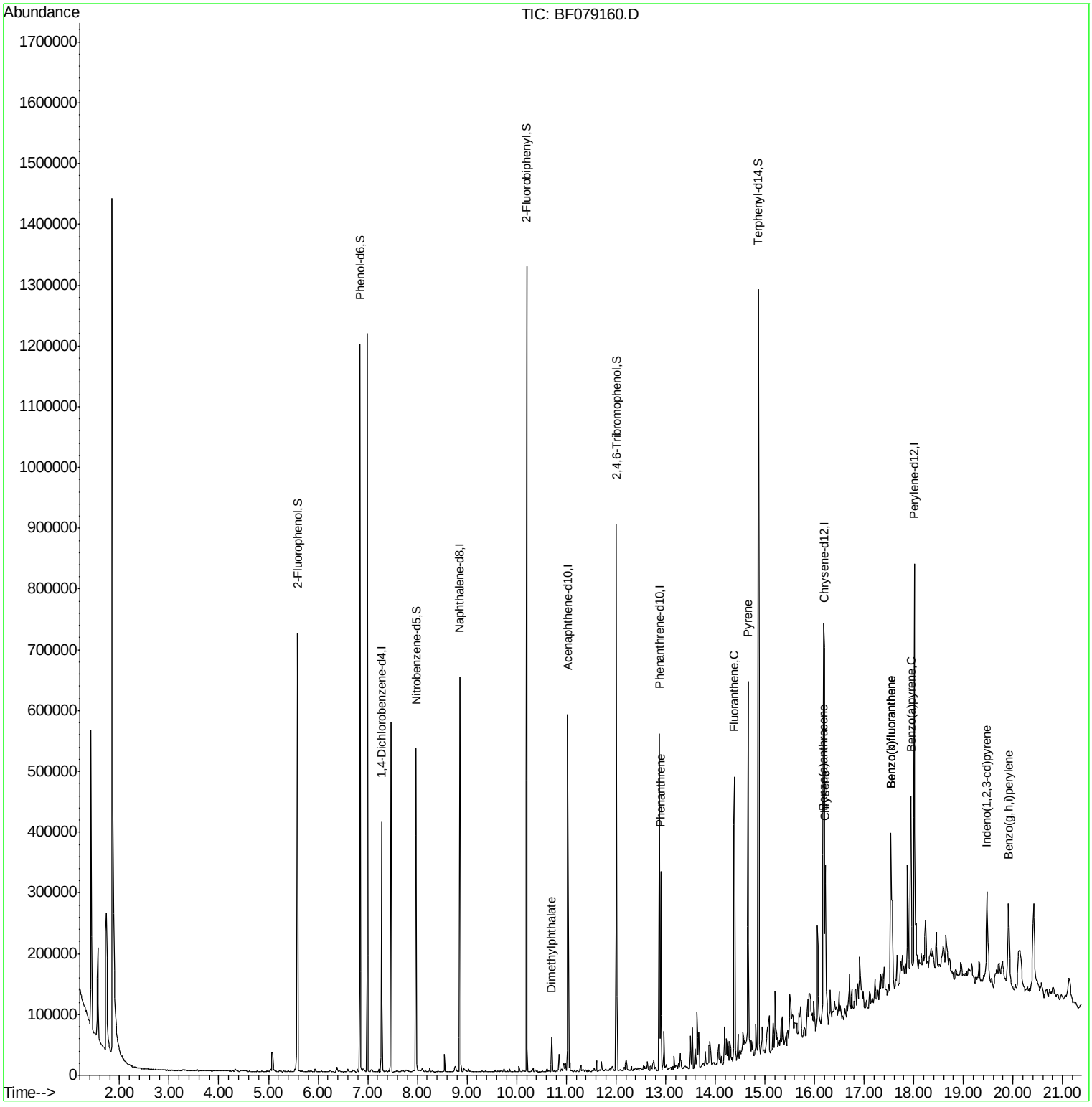
(#) = qualifier out of range (m) = manual integration (+) = signals summed

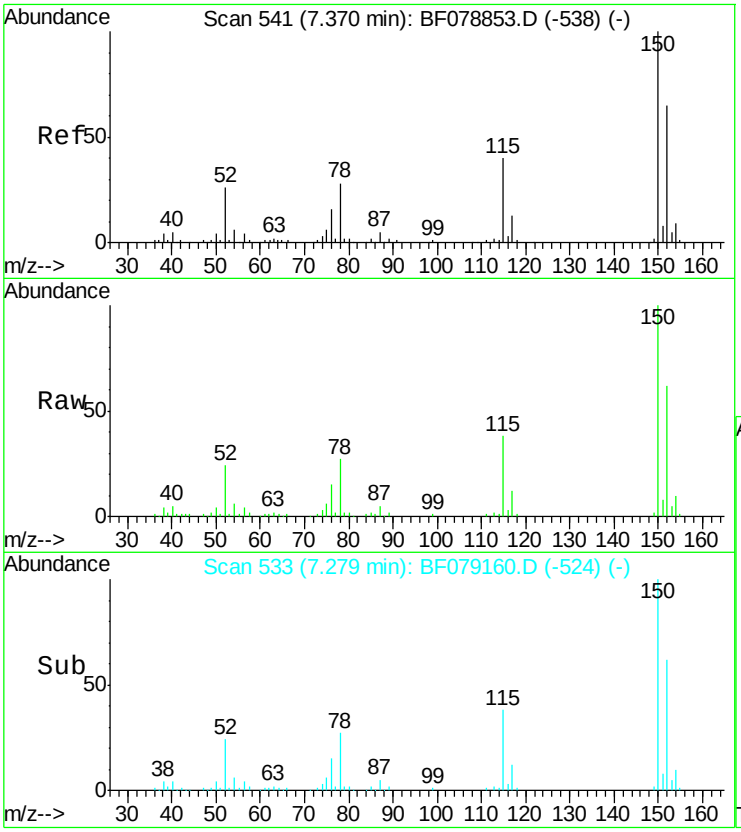
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-43S

Quant Time: May 13 01:13:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration



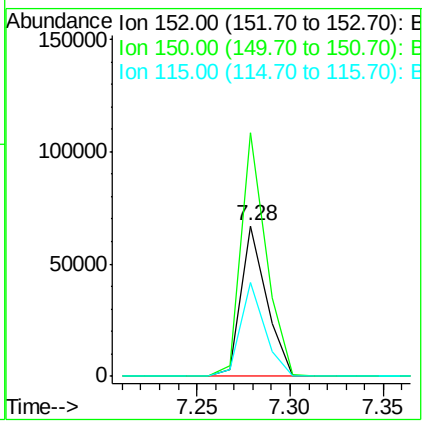


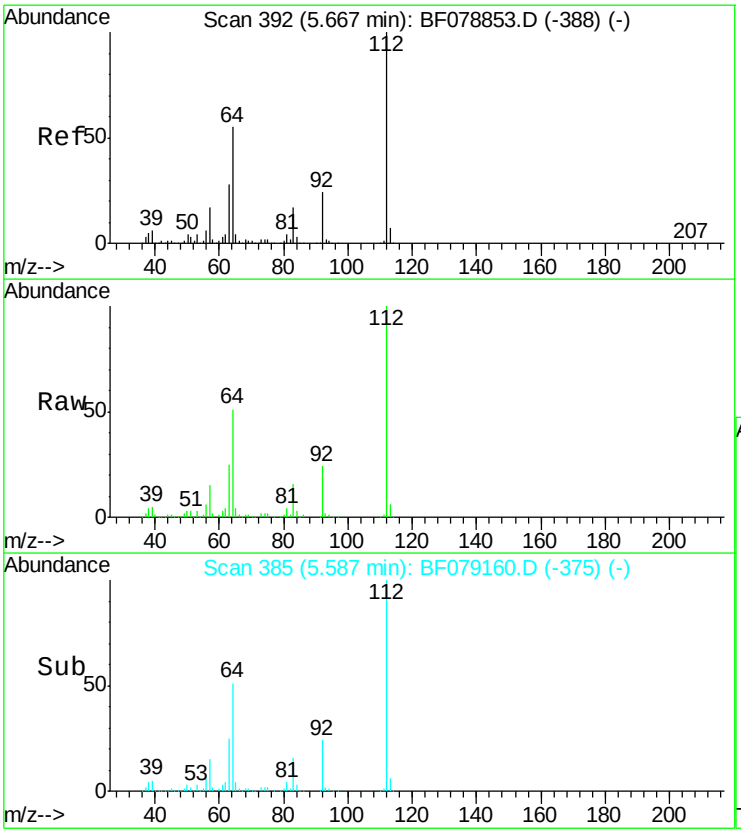
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:152 Resp: 64455

Ion	Ratio	Lower	Upper
152	100		
150	161.6	122.0	183.0
115	62.1	46.3	69.5

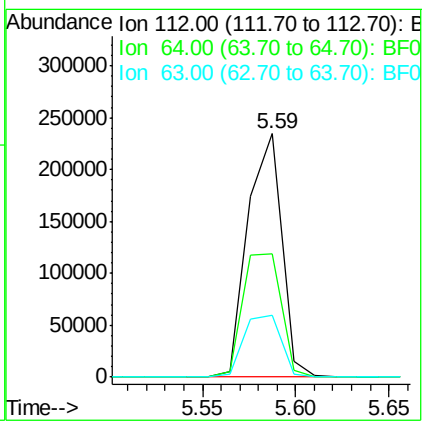


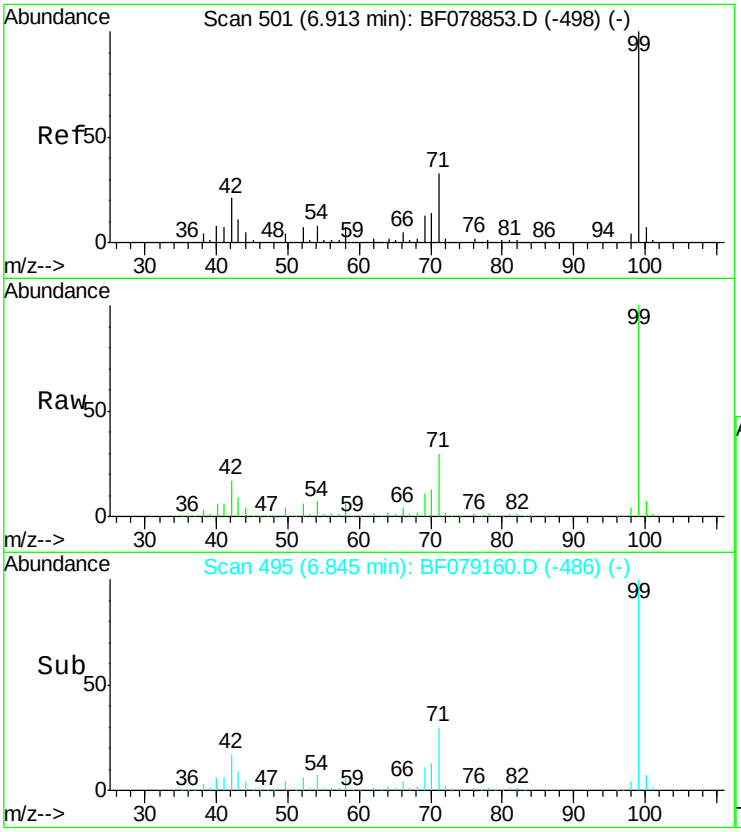


#5
2-Fluorophenol
Concen: 79.18 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:112 Resp: 296481

Ion	Ratio	Lower	Upper
112	100		
64	50.8	53.5	80.3#
63	25.4	27.5	41.3#



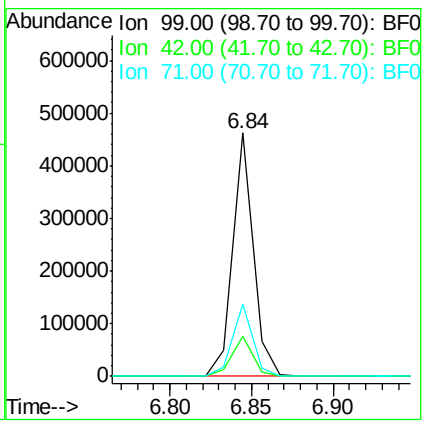


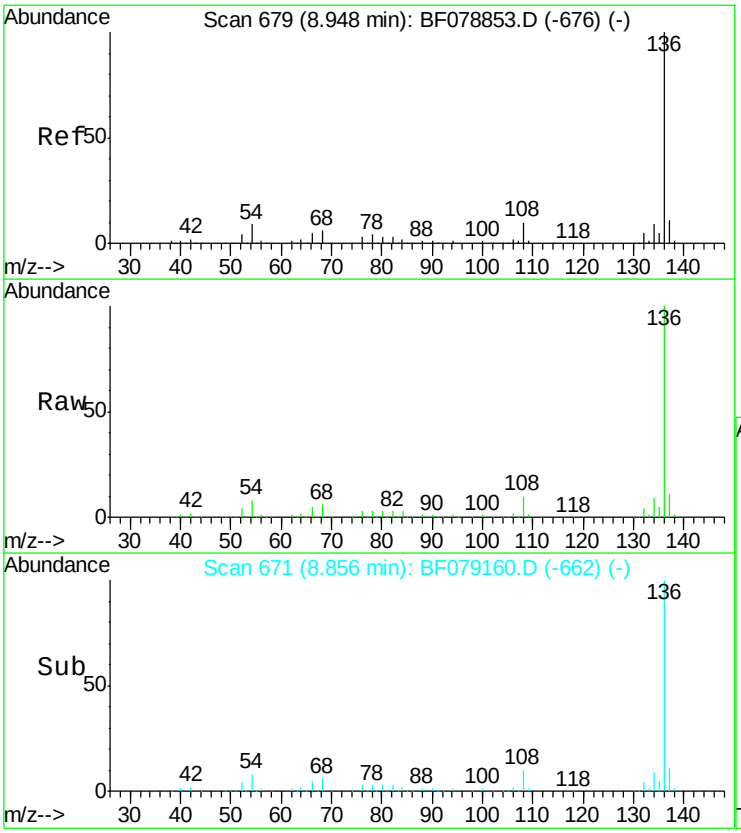
#7
Phenol-d6
Concen: 80.88 ng
RT: 6.84 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion: 99 Resp: 400300

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	29.6	23.4	35.2

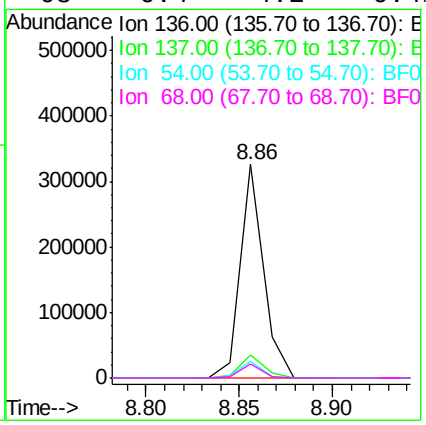


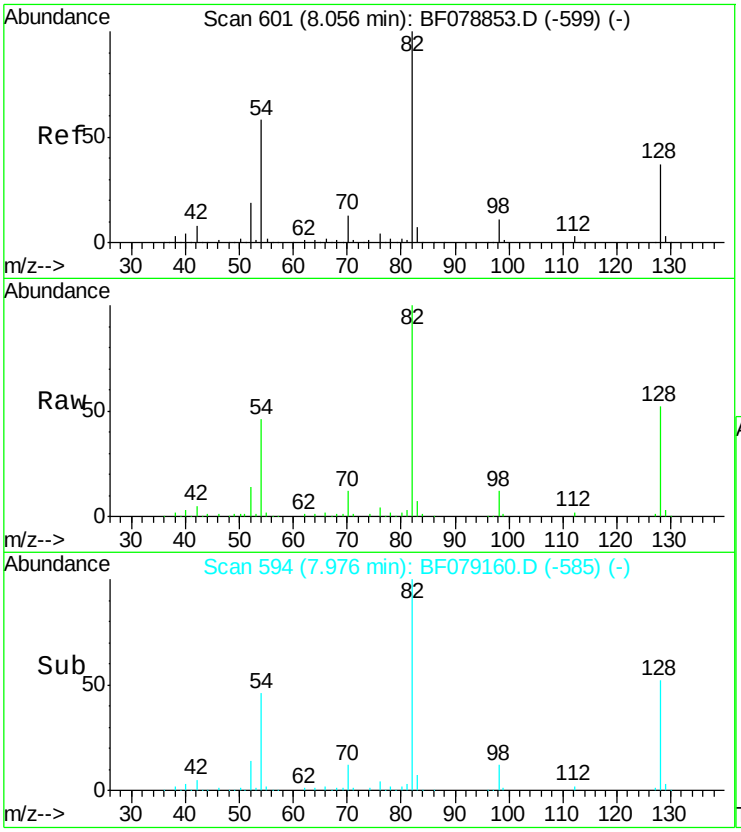


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:136 Resp: 283279

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.9	5.8	8.8
68	6.4	4.2	6.4#



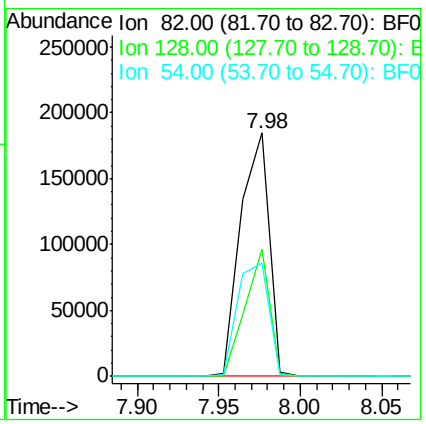


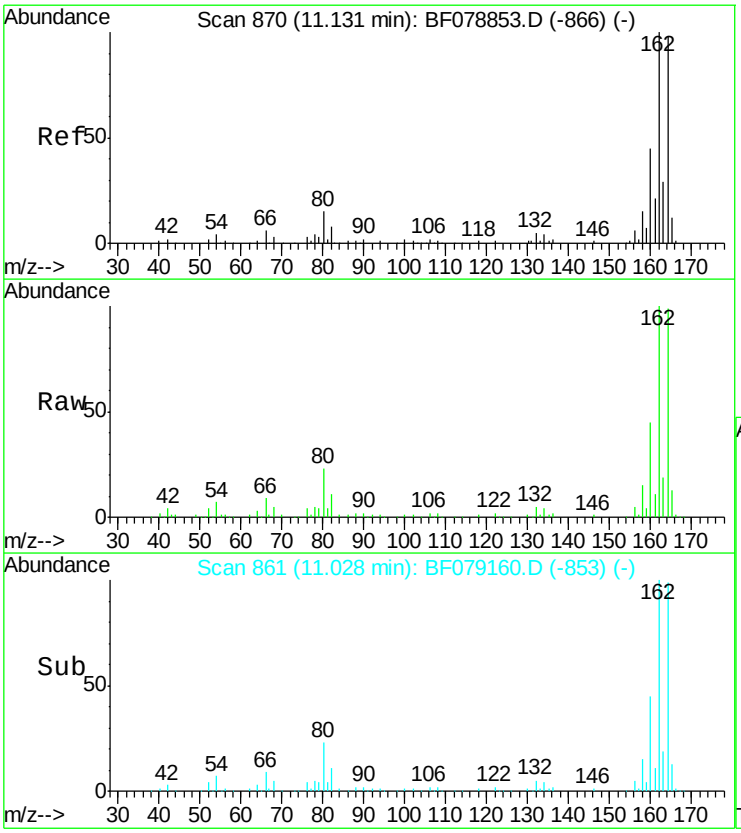
#23
Nitrobenzene-d5
Concen: 45.36 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion: 82 Resp: 223582

Ion	Ratio	Lower	Upper
82	100		
128	52.1	30.0	45.0#
54	46.3	46.4	69.6#

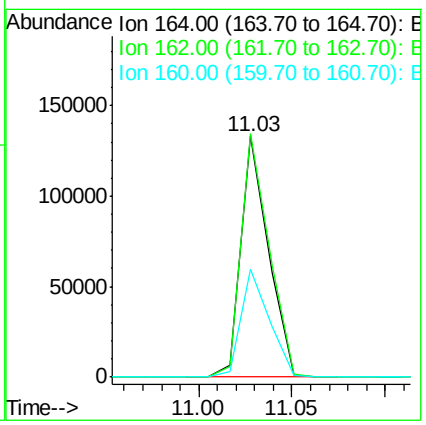


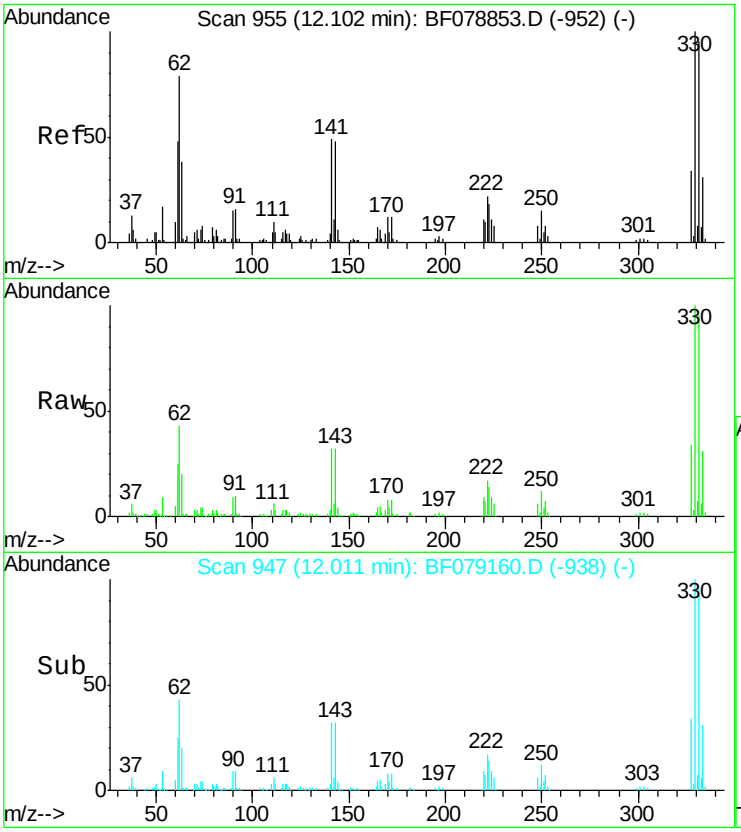


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:164 Resp: 135678

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.7	124.1
160	45.1	35.8	53.8



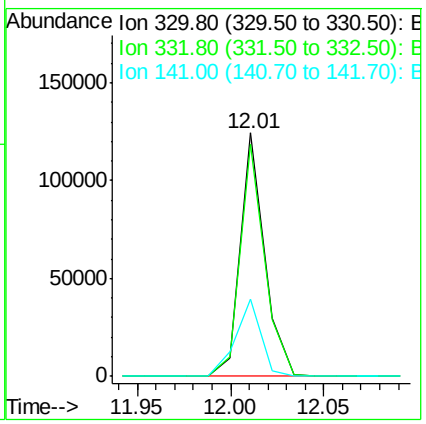


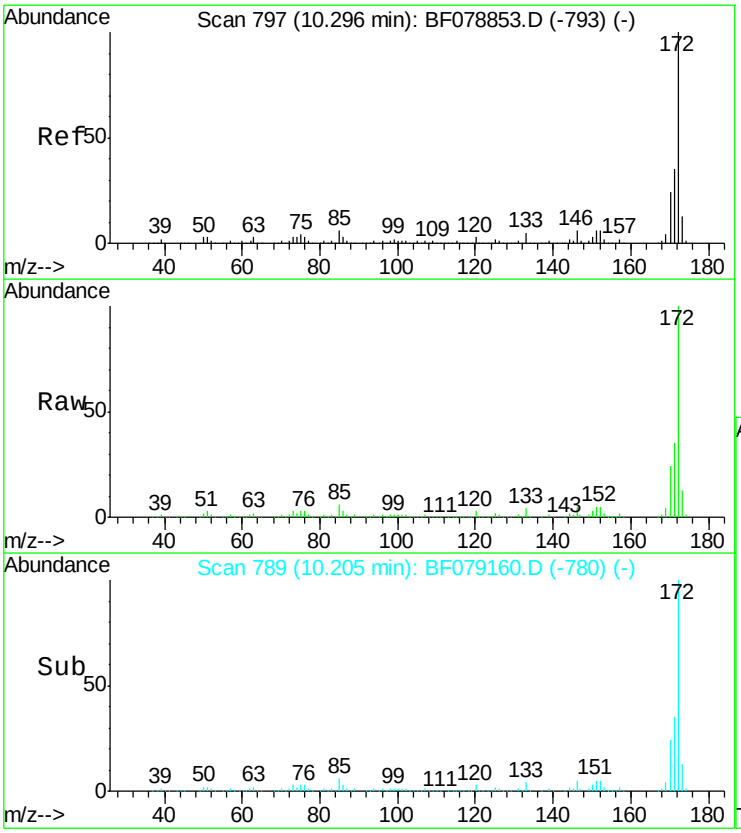
#41
2,4,6-Tribromophenol
Concen: 77.01 ng
RT: 12.01 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:330 Resp: 113031

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	33.4	0.0	0.0#

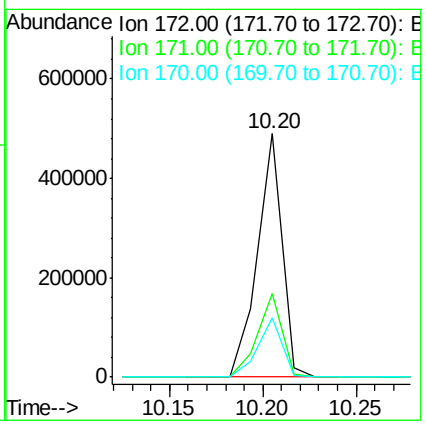


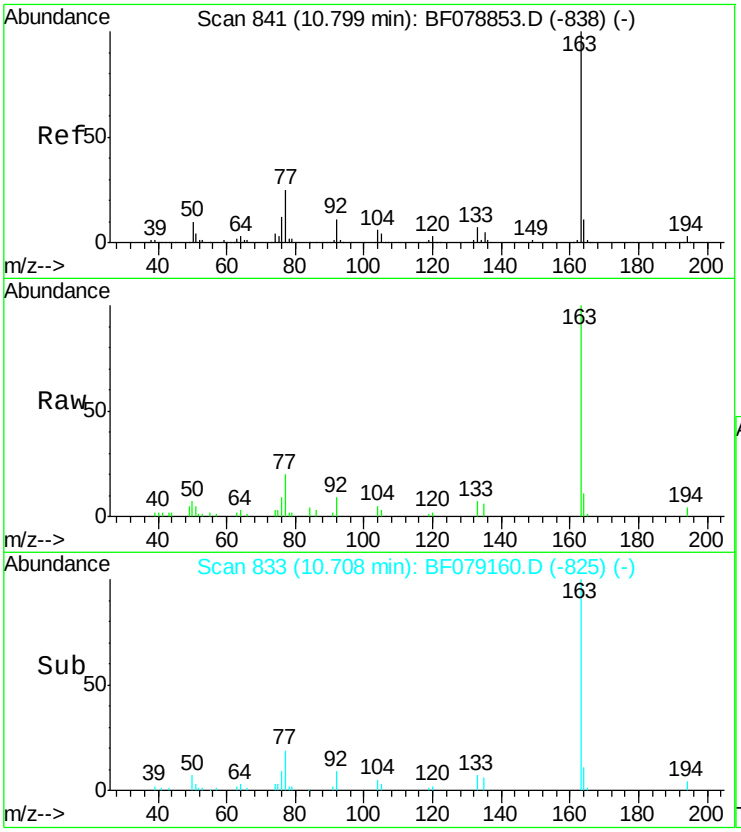


#44
2-Fluorobiphenyl
Concen: 45.48 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:172 Resp: 442921

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	24.3	19.4	29.0



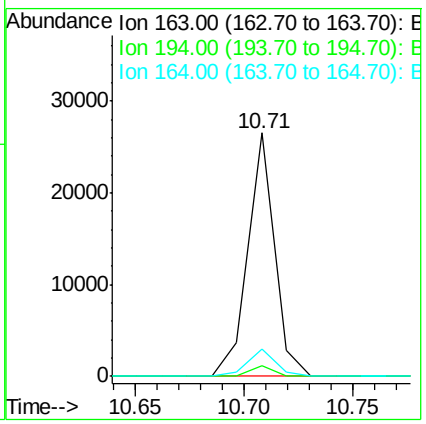


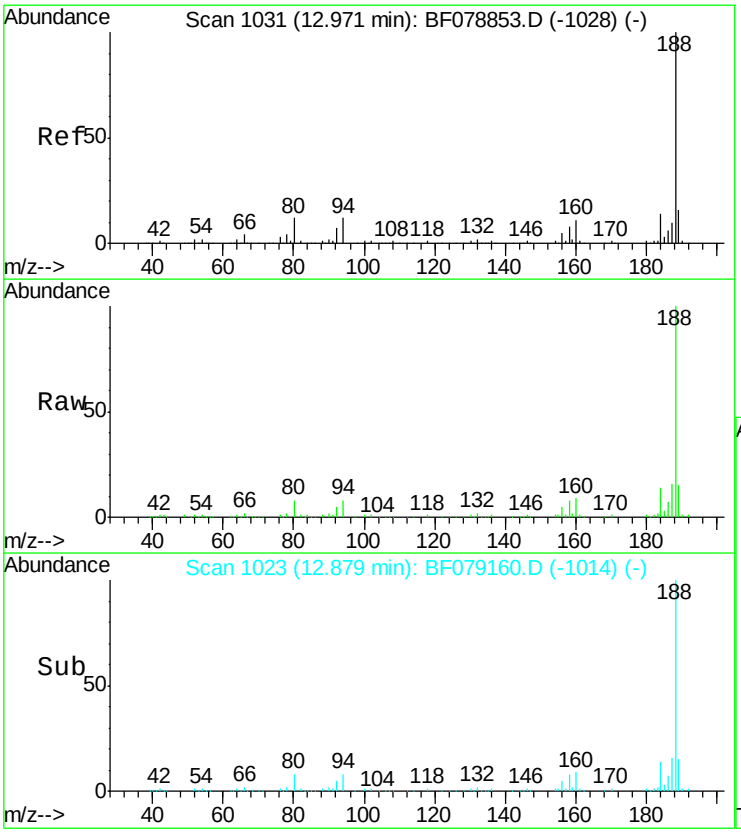
#49
Dimethylphthalate
Concen: 2.28 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:163 Resp: 22688

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	11.3	8.1	12.1

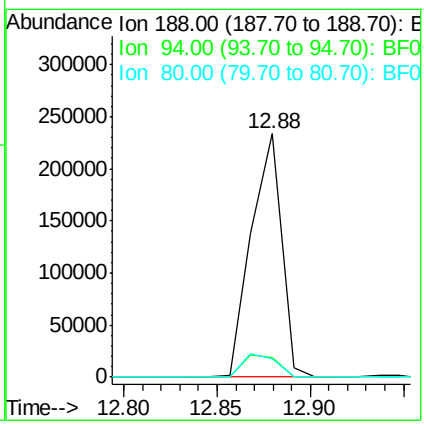


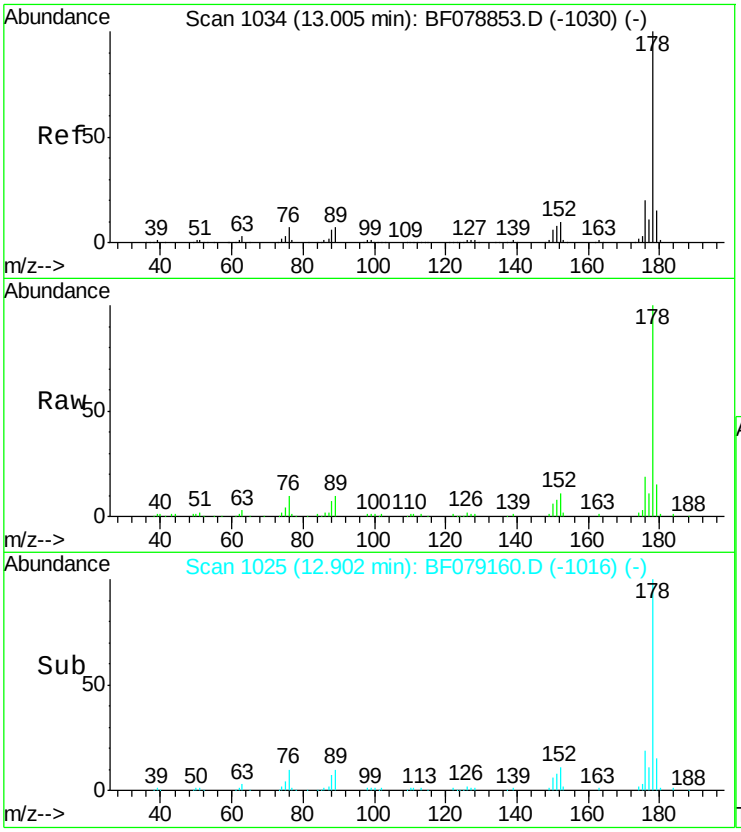


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:188 Resp: 263458

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	7.7	8.9	13.3#



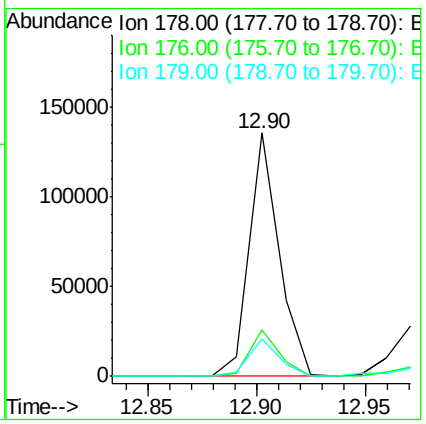


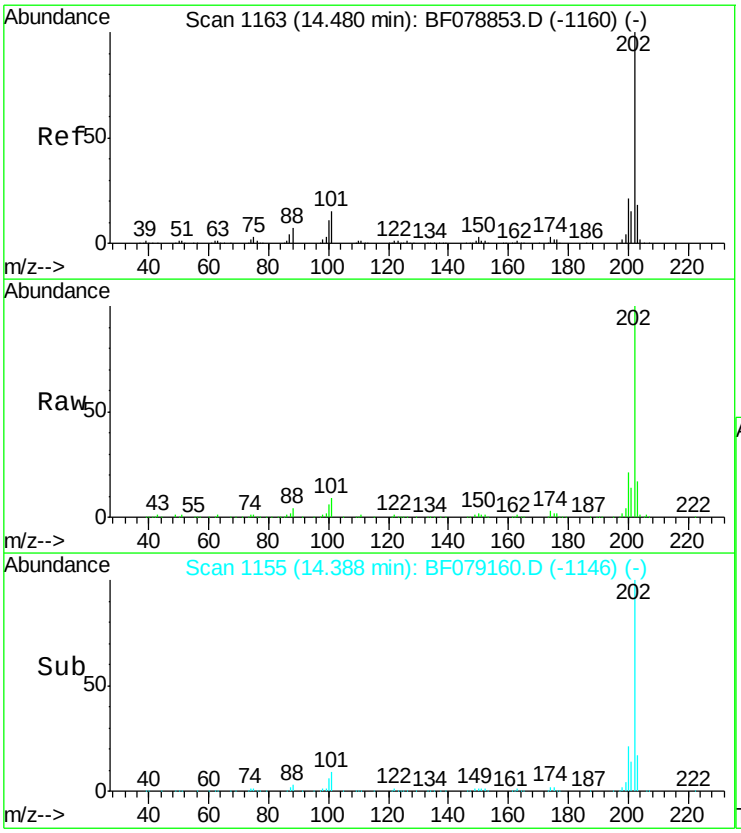
#70
Phenanthrene
Concen: 8.85 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:178 Resp: 130436

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.3	12.5	18.7

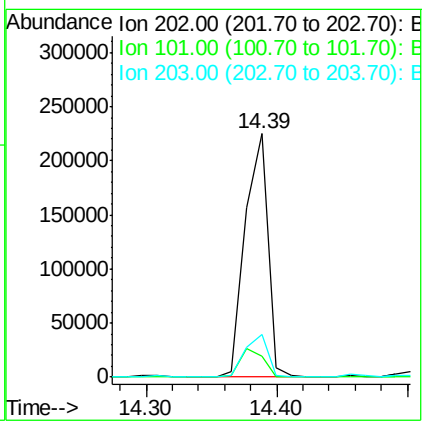


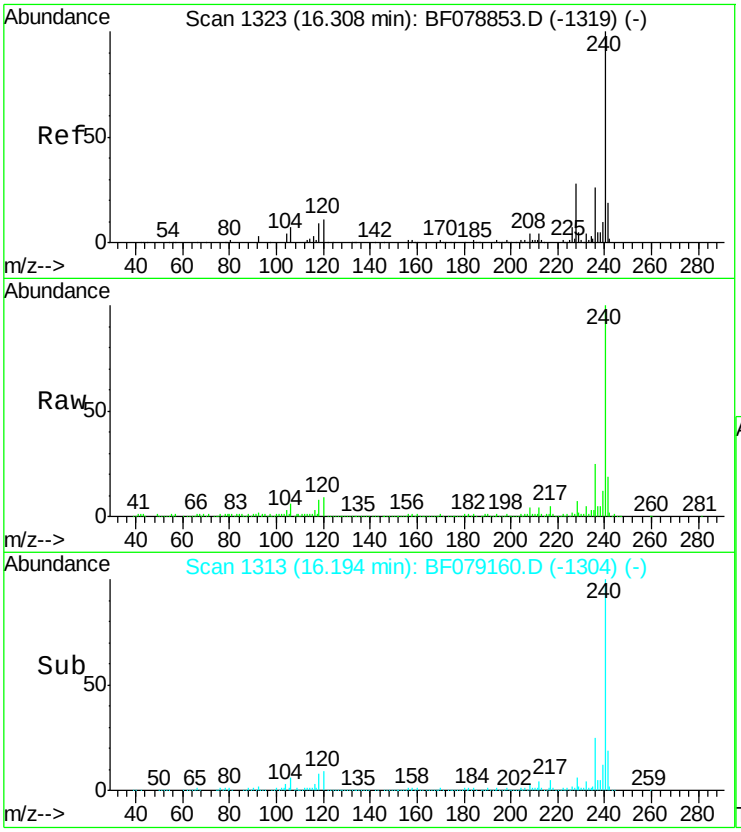


#74
Fluoranthene
Concen: 17.69 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:202 Resp: 271630

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	34.6
203	17.3	0.0	38.4



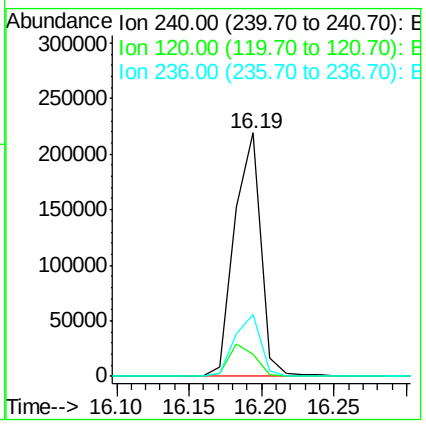


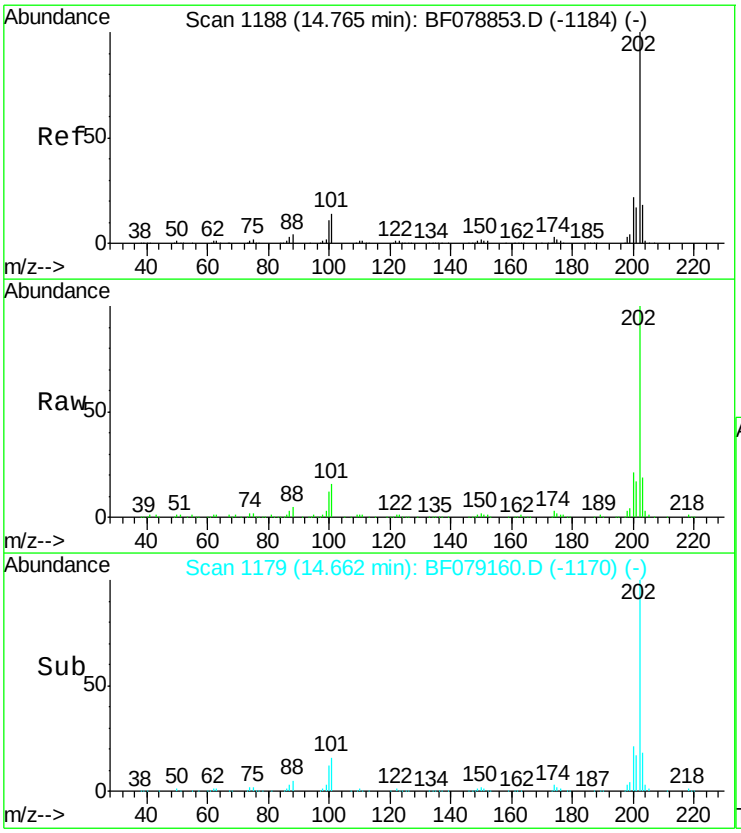
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:240 Resp: 275564

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.7	14.5#
236	25.4	20.2	30.4

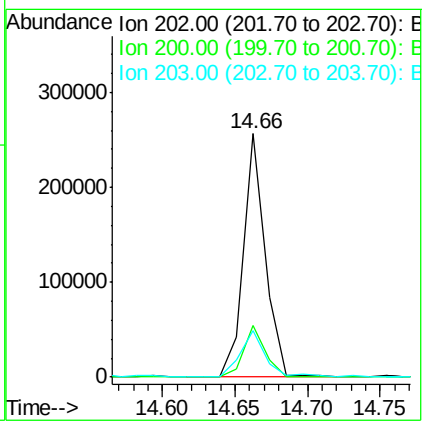


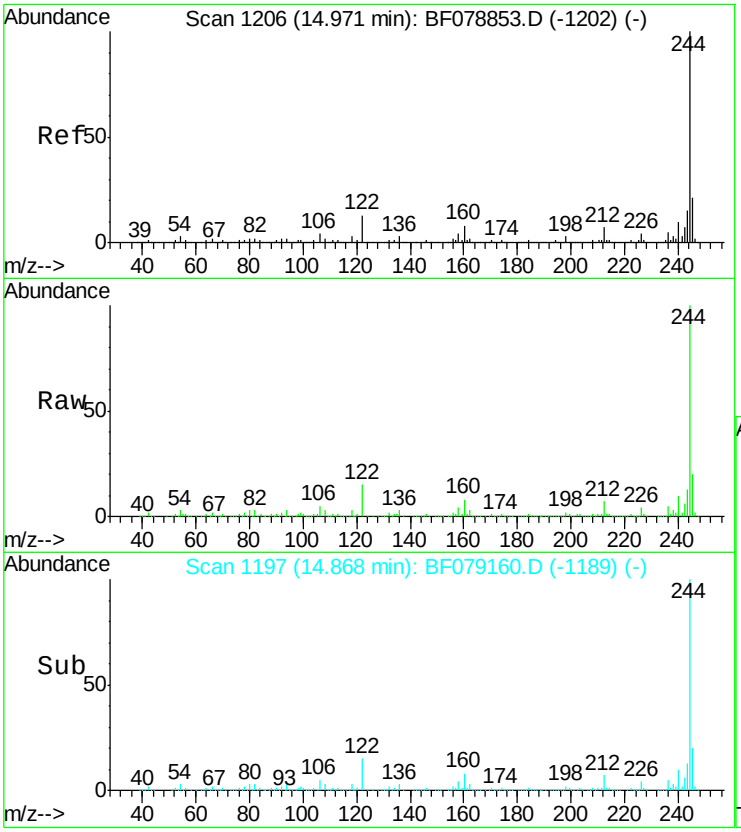


#77
Pyrene
Concen: 16.68 ng
RT: 14.66 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:202 Resp: 264808

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.9	13.9	20.9



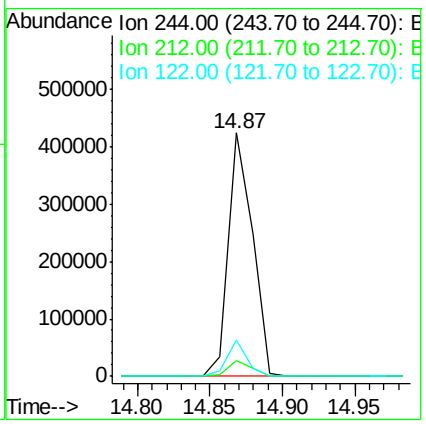


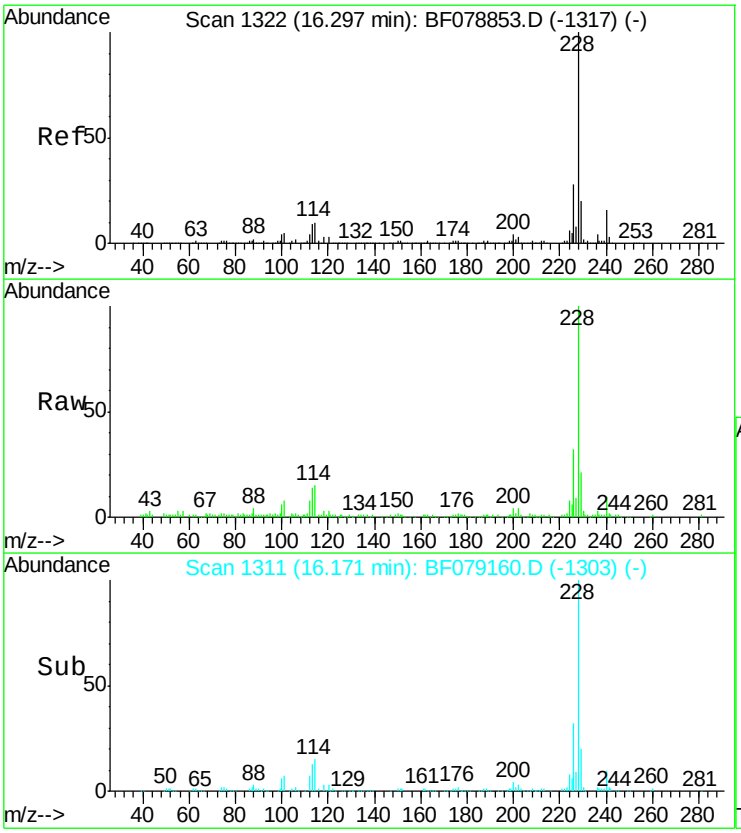
#78
Terphenyl-d14
Concen: 42.62 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:244 Resp: 490605

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	14.7	10.3	15.5

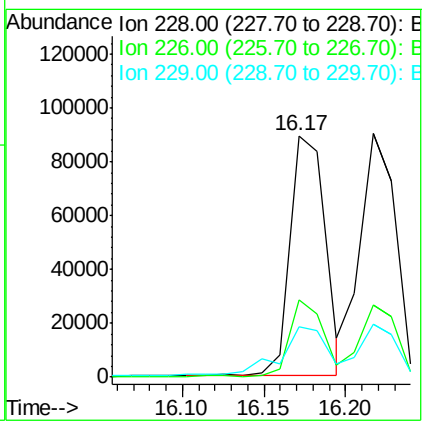


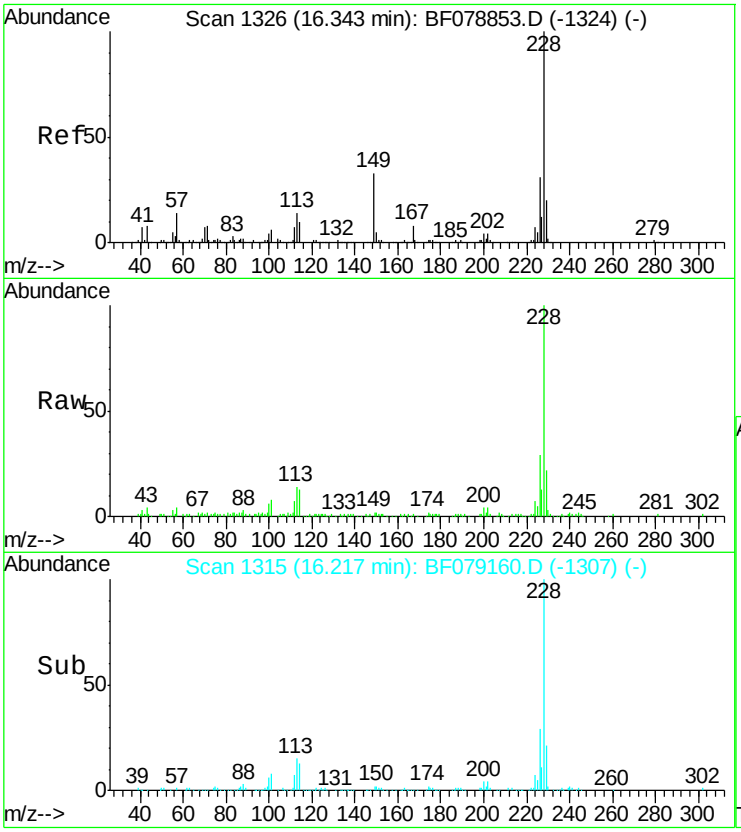


#80
Benzo(a)anthracene
Concen: 8.96 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:228 Resp: 135135

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	20.8	15.9	23.9



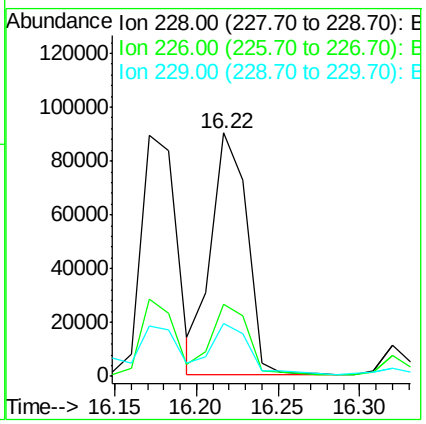


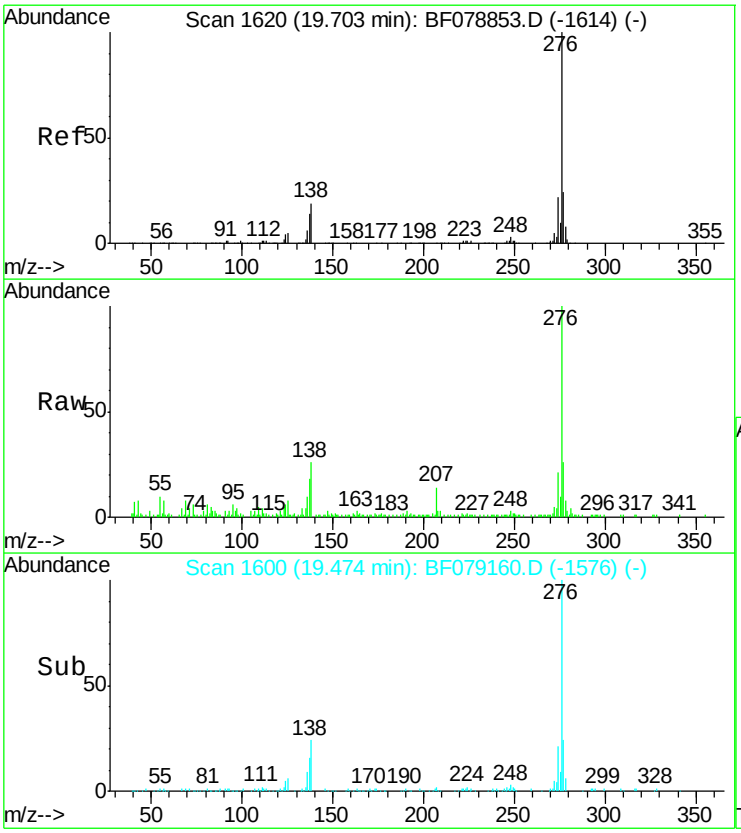
#82
Chrysene
Concen: 9.34 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:228 Resp: 135514

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	21.8	16.0	24.0

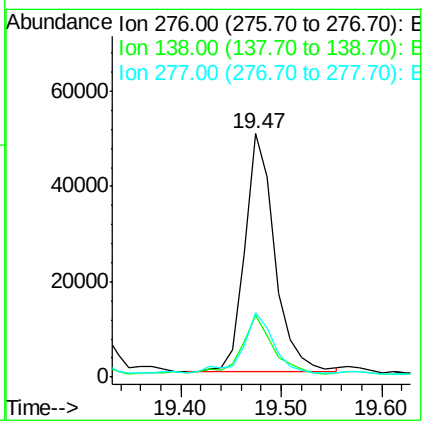


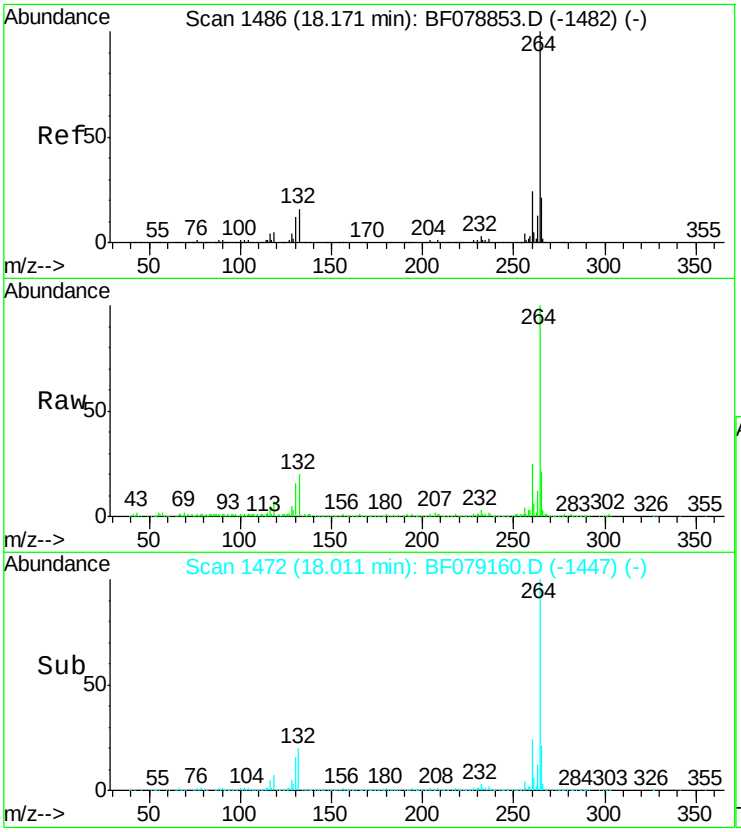


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.60 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:276 Resp: 103621

Ion	Ratio	Lower	Upper
276	100		
138	26.7	0.0	0.0#
277	25.2	0.0	0.0#



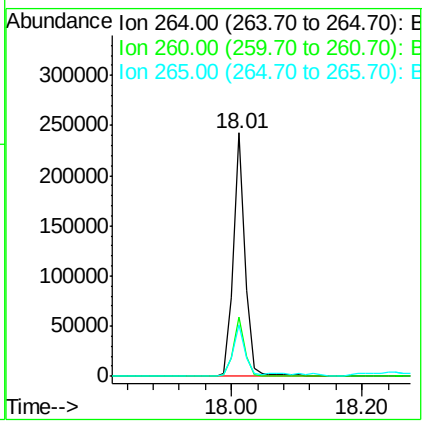


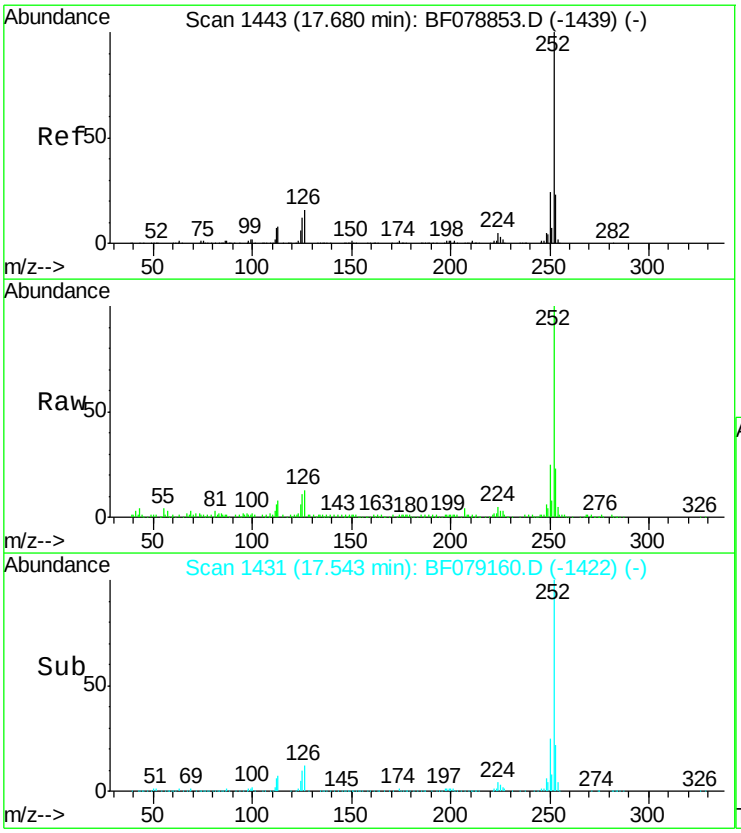
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:264 Resp: 298496

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	18.3	27.5

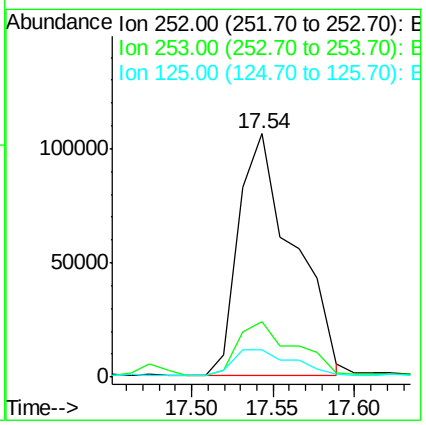


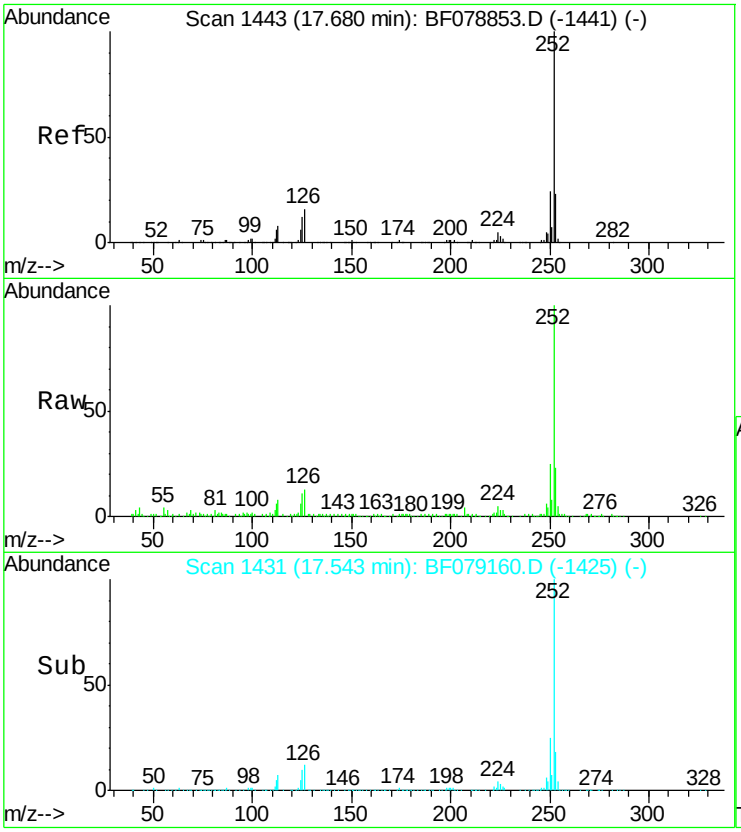


#87
Benzo(b)fluoranthene
Concen: 15.19 ng
RT: 17.54 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:252 Resp: 248233

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	11.2	9.5	14.3



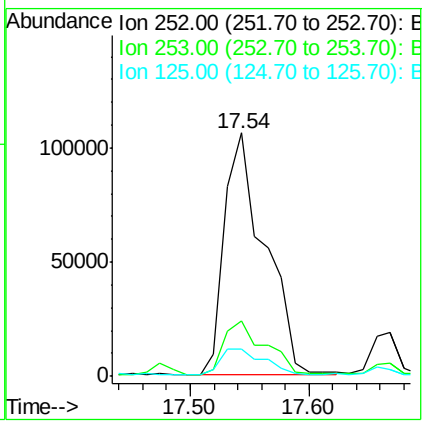


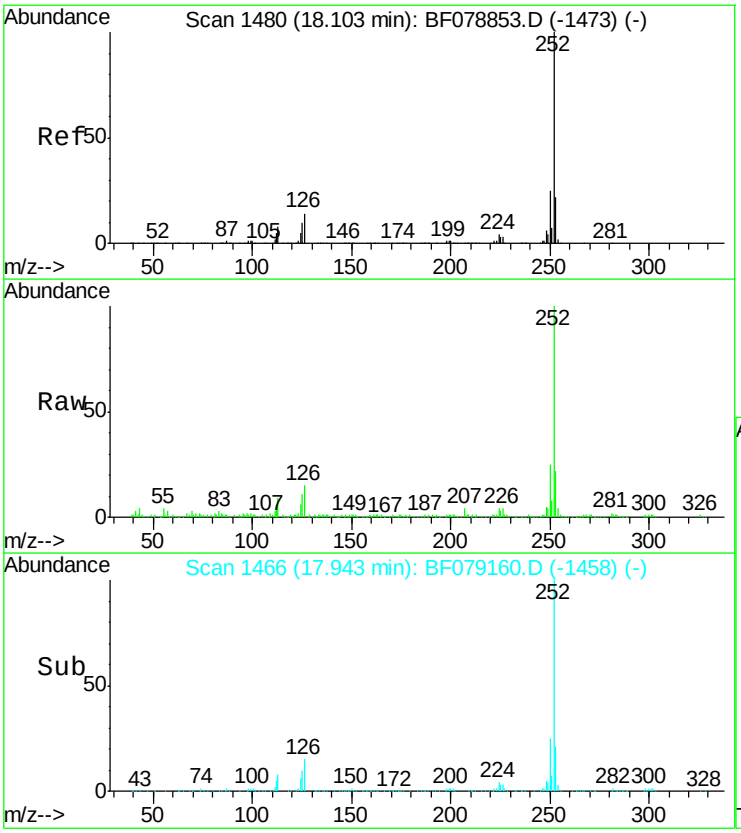
#88
Benzo(k)fluoranthene
Concen: 15.85 ng
RT: 17.54 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:252 Resp: 250698

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.2	10.0	15.0

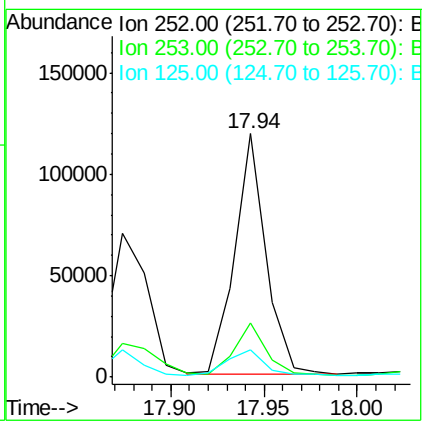


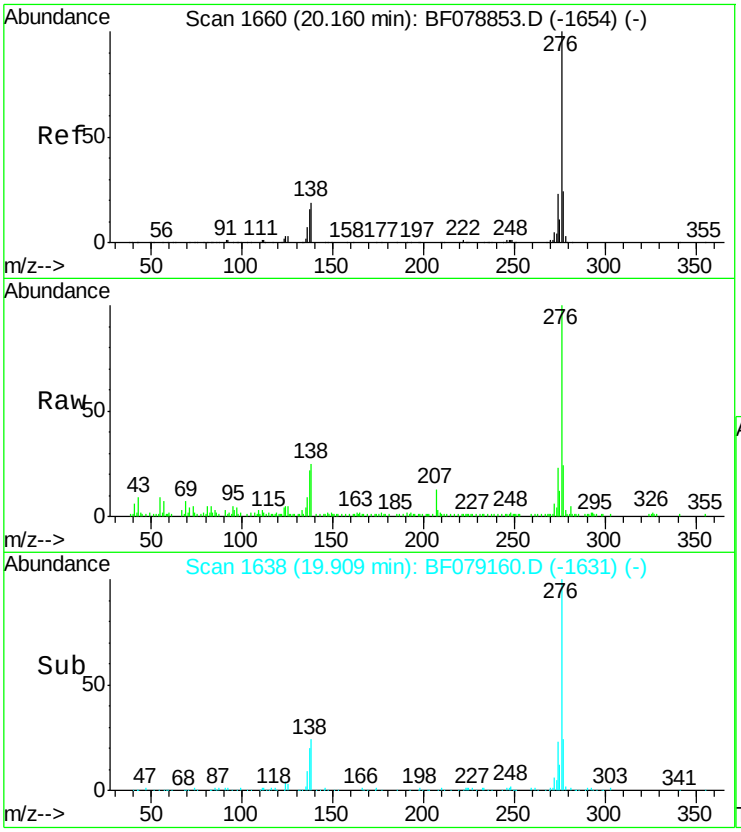


#89
Benzo(a)pyrene
Concen: 9.14 ng
RT: 17.94 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Tgt Ion:252 Resp: 137499

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.3	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 6.62 ng
RT: 19.91 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BF079160.D
Acq: 12 May 2015 16:24

Instrument :
BNA_F
ClientSampleId :
SB-43S

Tgt Ion:276 Resp: 106021

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	24.7	17.4	26.0