Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076826.D
Acq On : 13 Jan 2015 3:01
Operator : IZ / TP
Sample : G1062-03
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-013

Quant Time: Jan 13 10:23:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34222	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	153557	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	81918	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	128742	20.00	ng	0.00
75) Chrysene-d12	21.34	240	121311	20.00	ng	-0.01
86) Perylene-d12	22.99	264	111832	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	190383	92.83	ng	-0.01
7) Phenol-d6	7.48	99	243463	94.30	ng	-0.02
23) Nitrobenzene-d5	9.37	82	145960	52.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	53893	78.82	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	287420	51.64	ng	-0.01
78) Terphenyl-d14	20.07	244	255430	46.23	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.70	163	30691	5.16	ng	97
70) Phenanthrene	17.89	178	138542	17.27	ng	99
71) Anthracene	17.97	178	31112	3.99	ng	99
74) Fluoranthene	19.52	202	154320	18.78	ng	96
77) Pyrene	19.81	202	161569	18.51	ng	96
80) Benzo(a)anthracene	21.33	228	65247	8.44	ng	98
82) Chrysene	21.37	228	50850	7.27	ng	96
85) Indeno(1,2,3-cd)pyrene	24.09	276	31790m	4.59	ng	
87) Benzo(b)fluoranthene	22.57	252	69144m	8.93	ng	
88) Benzo(k)fluoranthene	22.61	252	17076m	2.52	ng	
89) Benzo(a)pyrene	22.93	252	49306	7.41	ng	94
91) Benzo(g,h,i)perylene	24.40	276	30714	4.96	ng	96

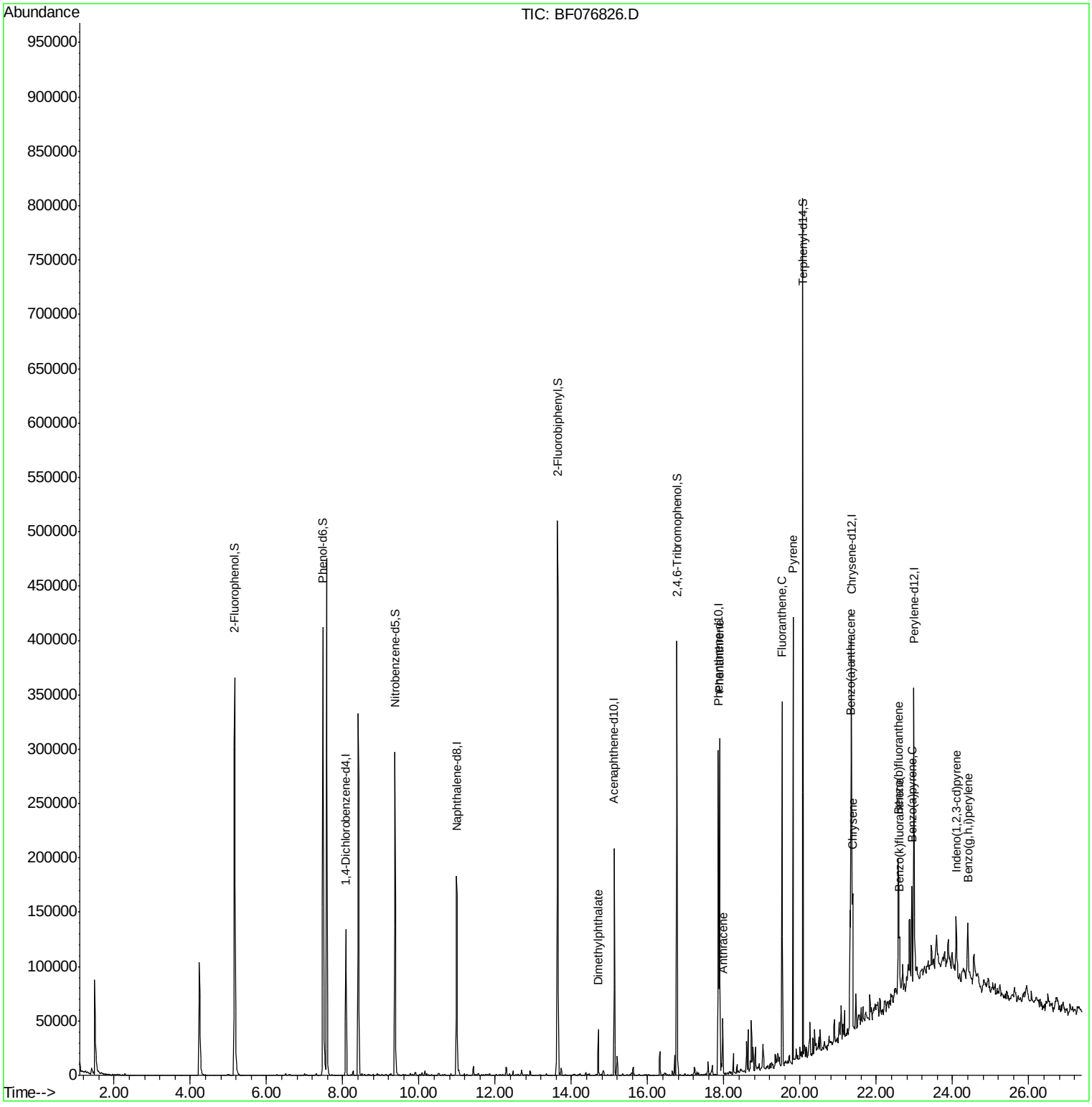
(#) = qualifier out of range (m) = manual integration (+) = signals summed

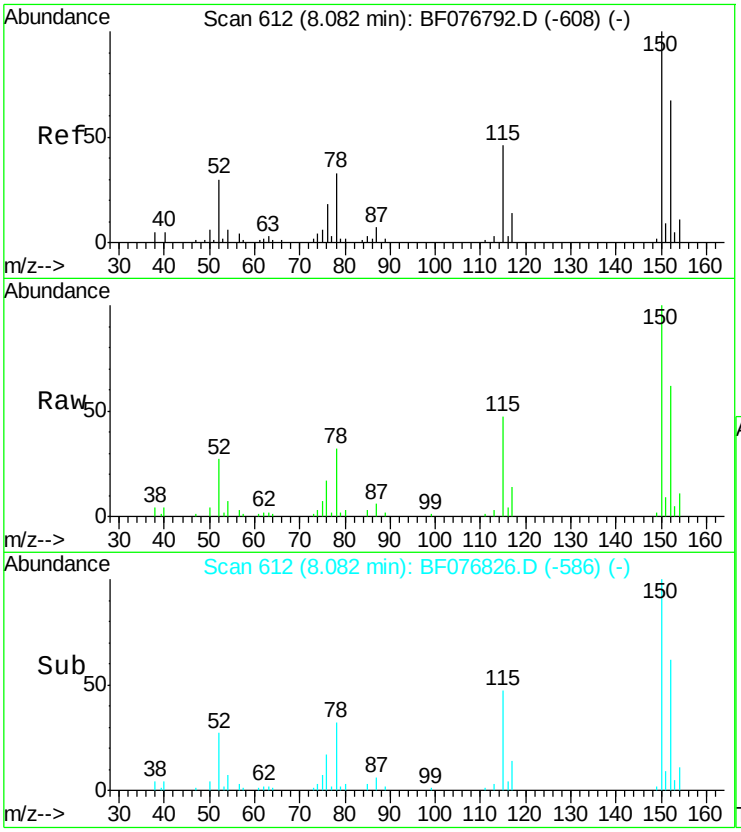
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076826.D
Acq On : 13 Jan 2015 3:01
Operator : IZ / TP
Sample : G1062-03
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-013

Quant Time: Jan 13 10:23:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration



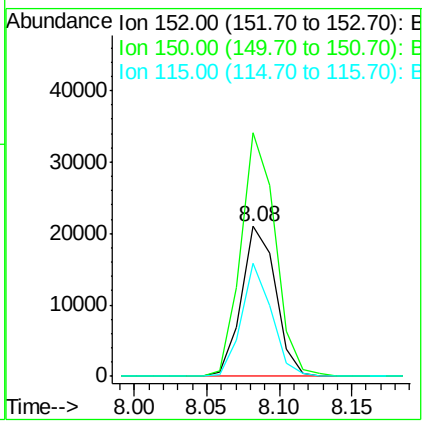


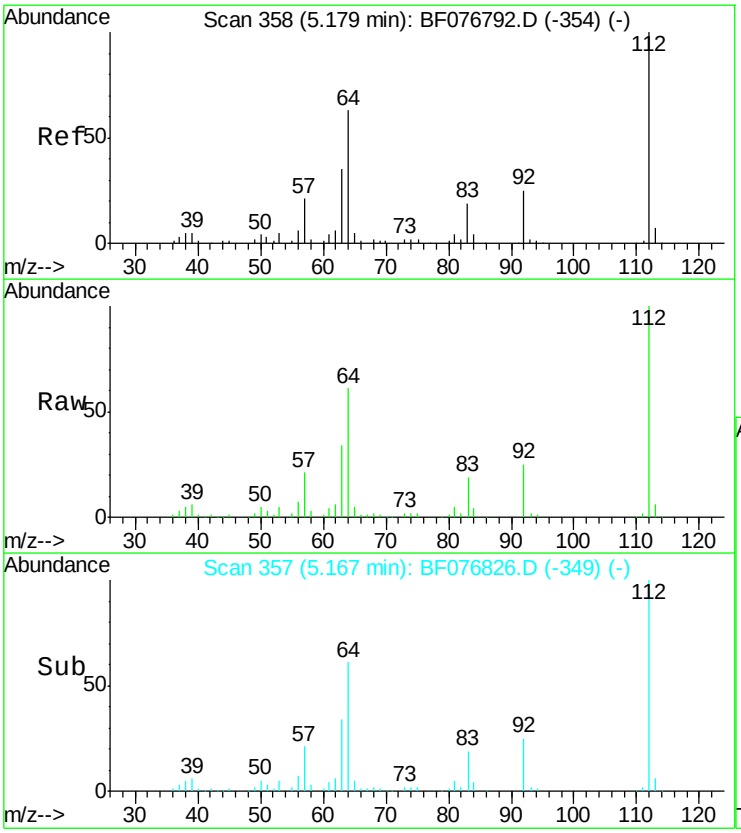
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:152 Resp: 34222

Ion	Ratio	Lower	Upper
152	100		
150	162.5	119.5	179.3
115	75.6	54.6	81.8

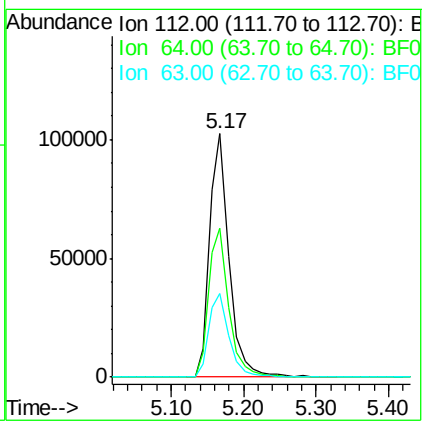


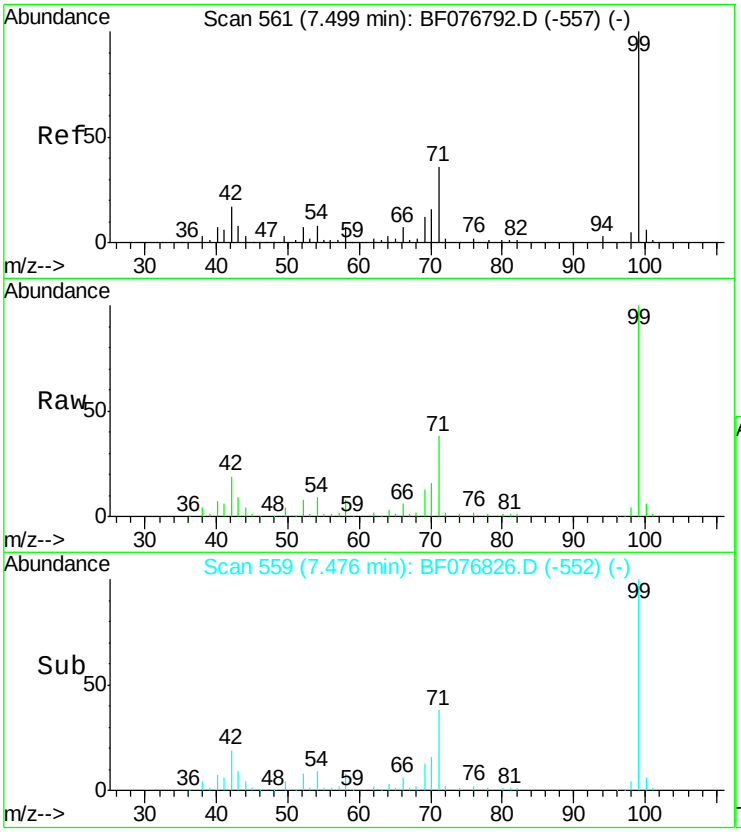


#5
2-Fluorophenol
Concen: 92.83 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:112 Resp: 190383

Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.2	75.4
63	34.2	27.8	41.6



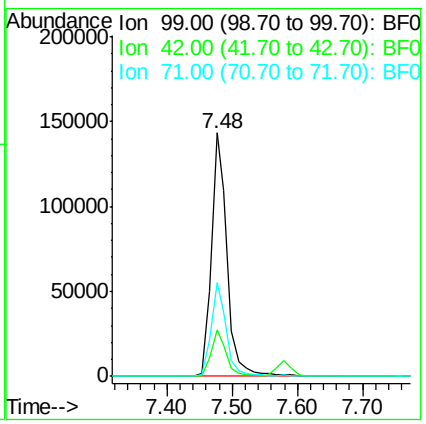


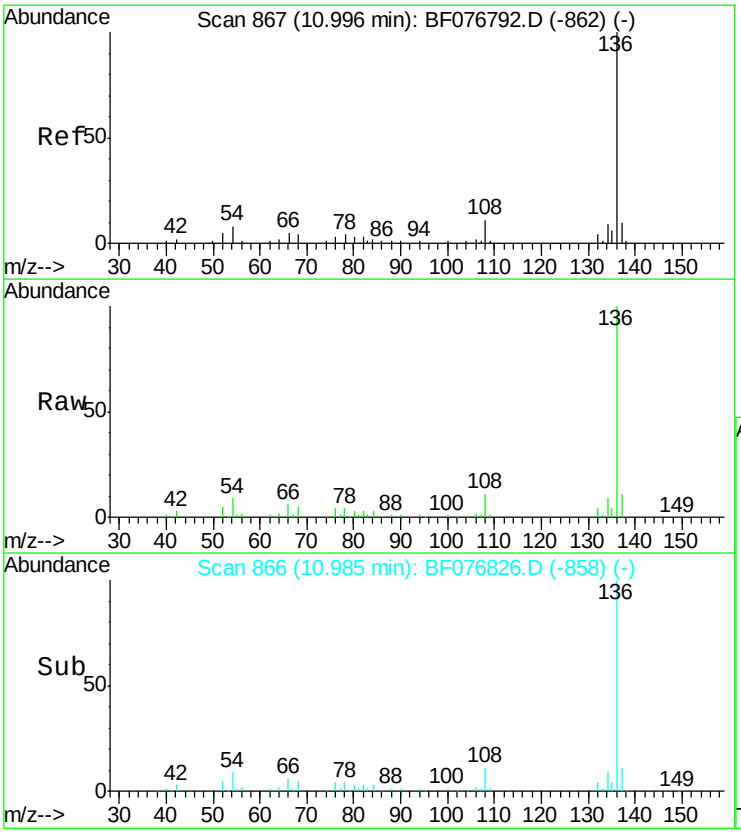
#7
Phenol-d6
Concen: 94.30 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion: 99 Resp: 243463

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.3	19.9
71	38.4	29.2	43.8

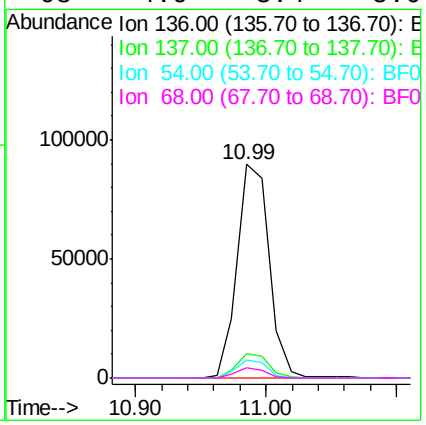


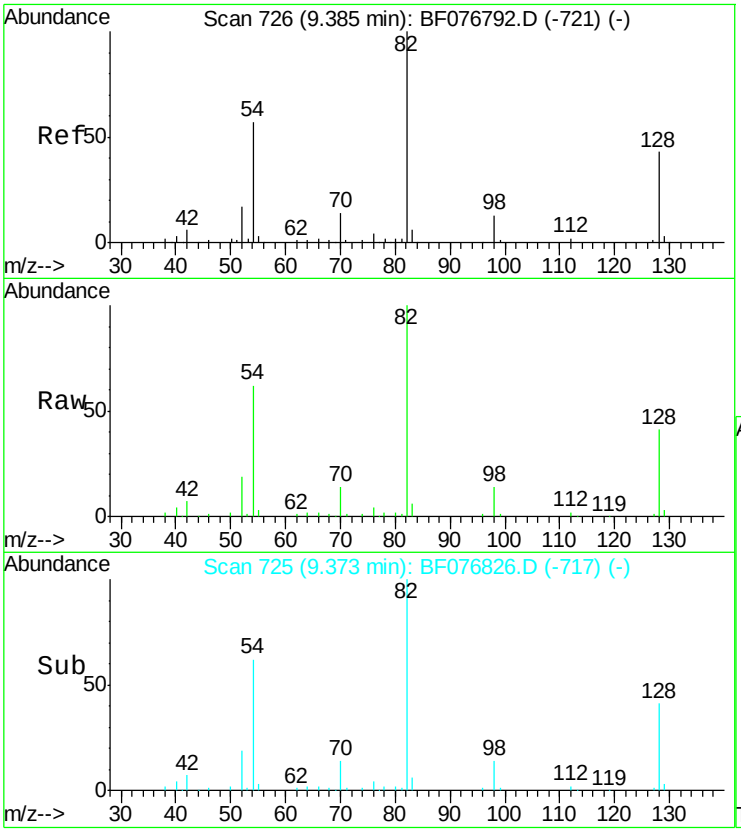


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:136 Resp: 153557

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.1	12.1
54	8.6	6.3	9.5
68	4.9	3.4	5.0



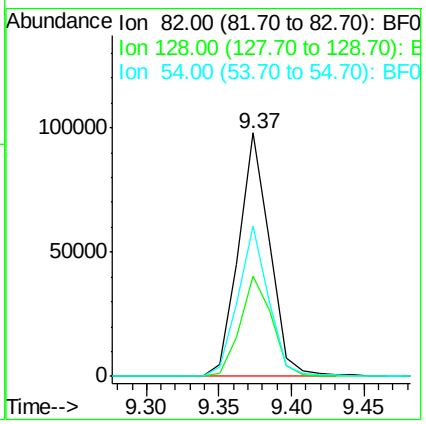


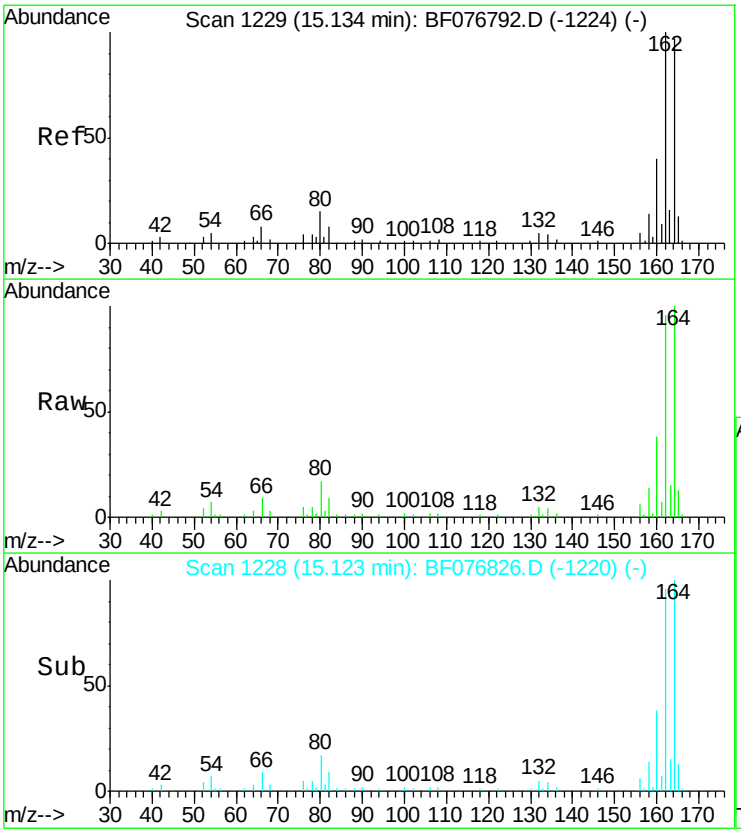
#23
Nitrobenzene-d5
Concen: 52.82 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion: 82 Resp: 145960

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	61.6	45.6	68.4

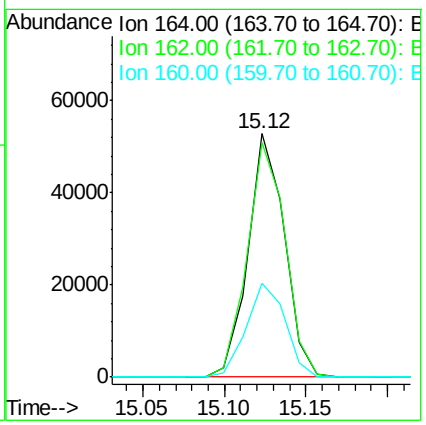


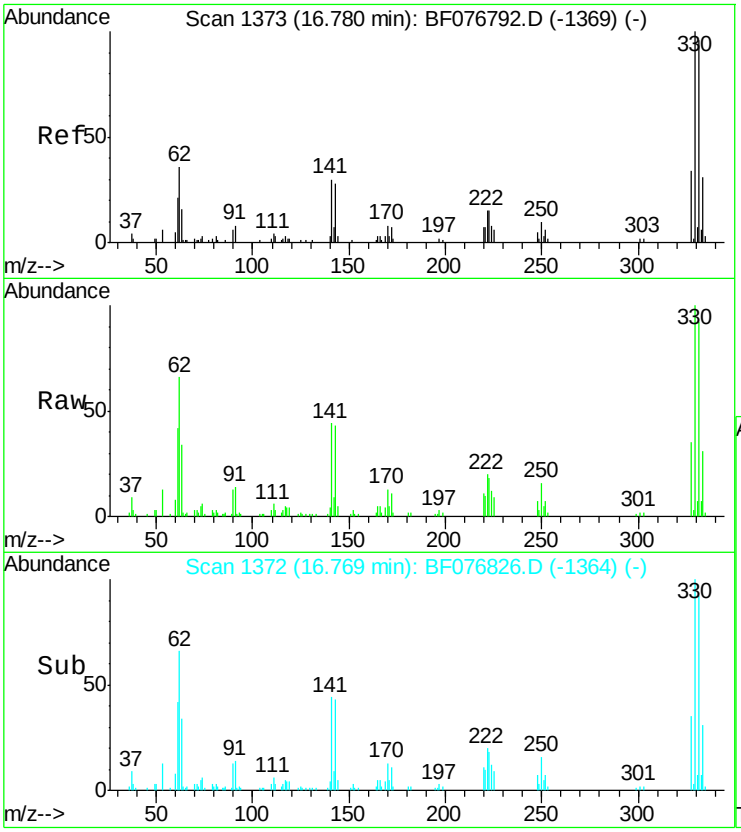


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:164 Resp: 81918

Ion	Ratio	Lower	Upper
164	100		
162	96.3	82.5	123.7
160	38.5	33.1	49.7



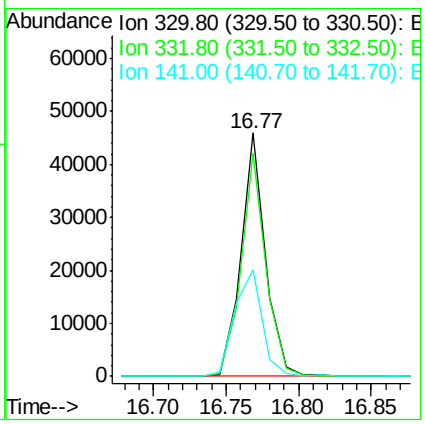


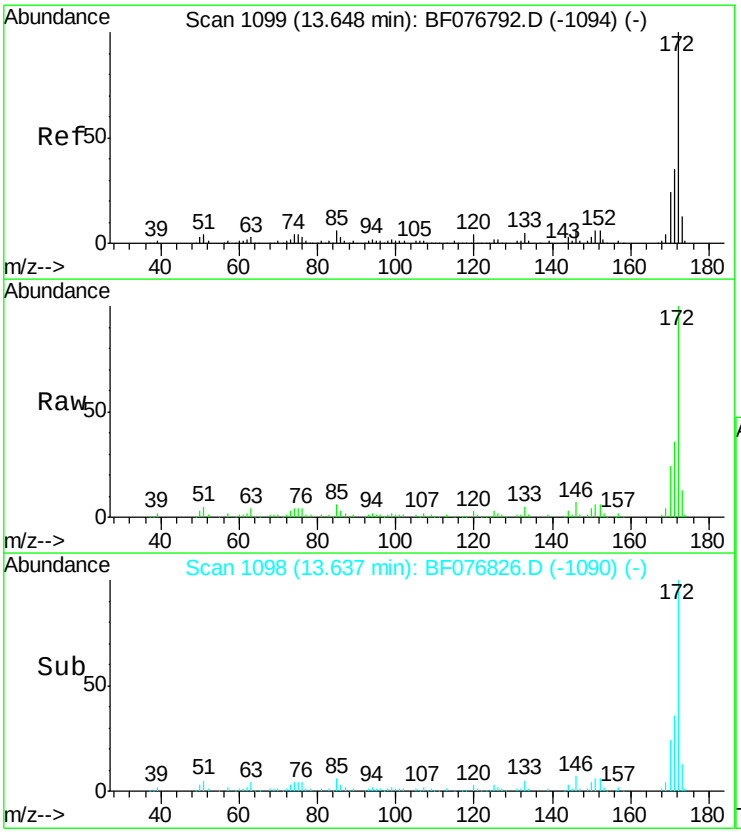
#41
2,4,6-Tribromophenol
Concen: 78.82 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:330 Resp: 53893

Ion	Ratio	Lower	Upper
330	100		
332	91.6	74.8	112.2
141	49.3	42.4	63.6

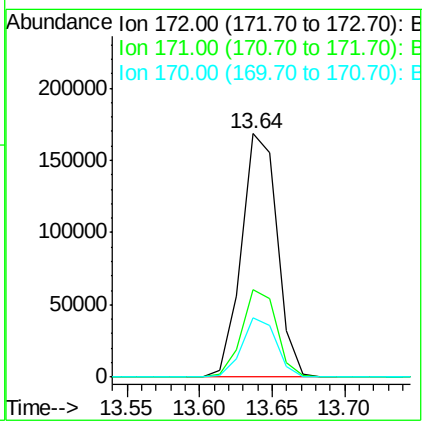


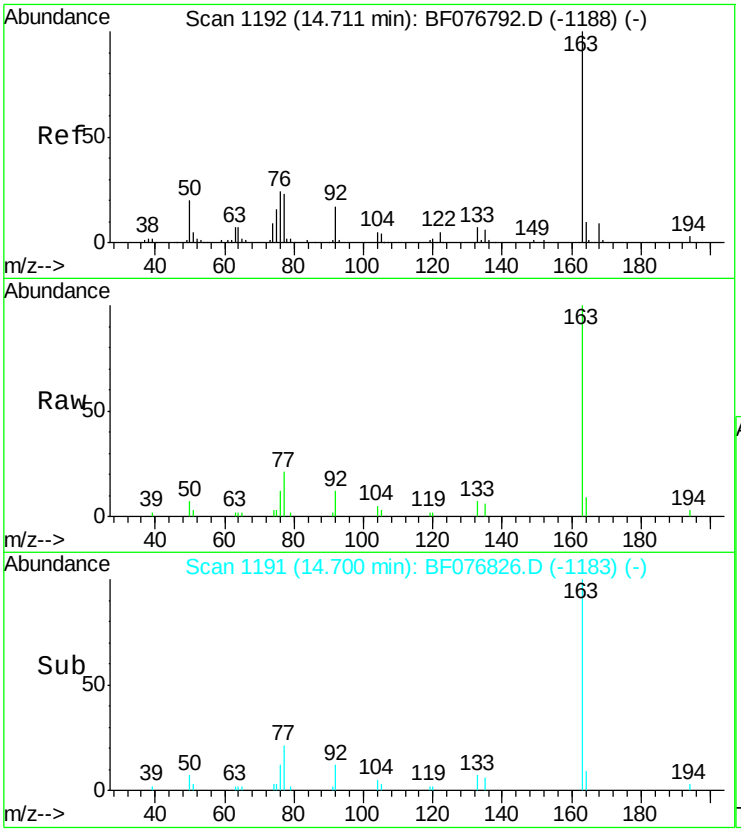


#44
2-Fluorobiphenyl
Concen: 51.64 ng
RT: 13.64 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:172 Resp: 287420

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.8
170	24.3	18.8	28.2



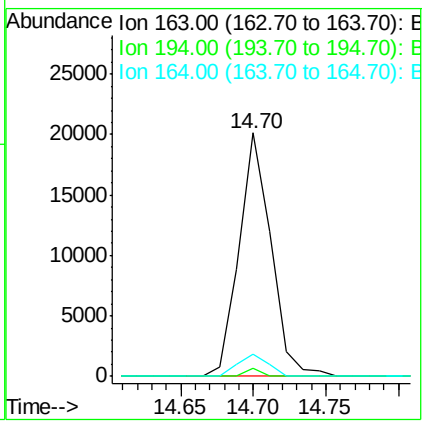


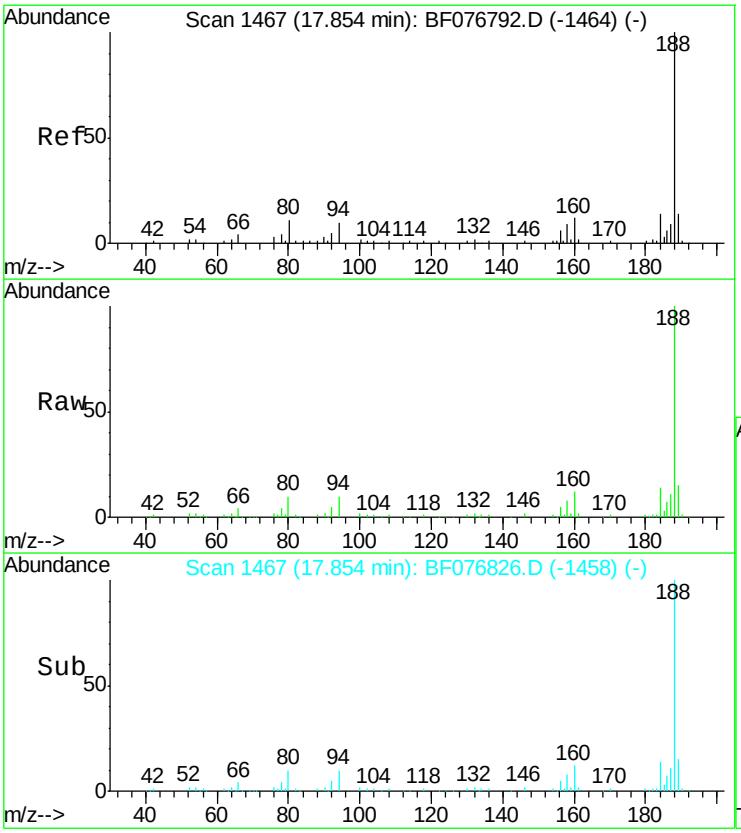
#49
Dimethylphthalate
Concen: 5.16 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:163 Resp: 30691

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.3	3.5
164	9.1	8.3	12.5

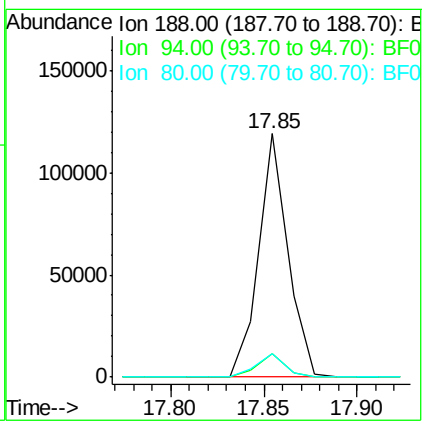


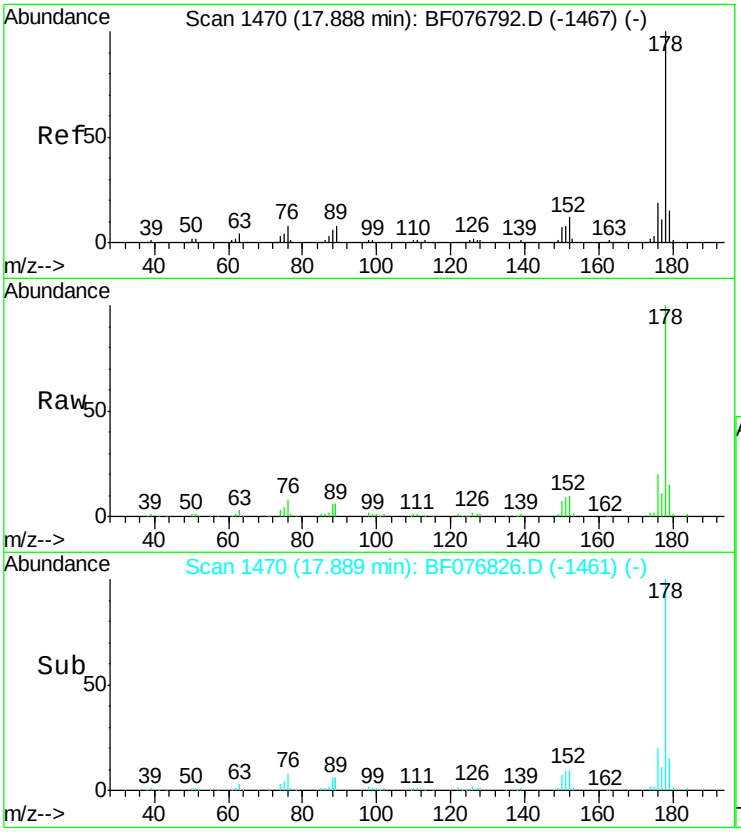


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:188 Resp: 128742

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	9.6	8.6	13.0



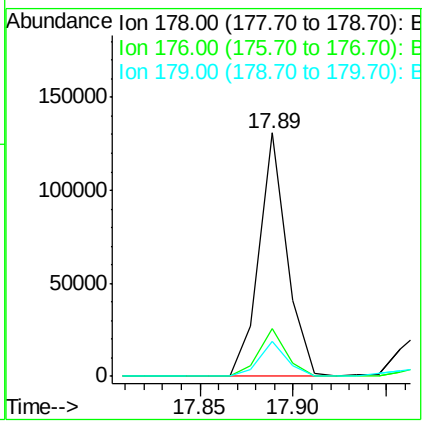


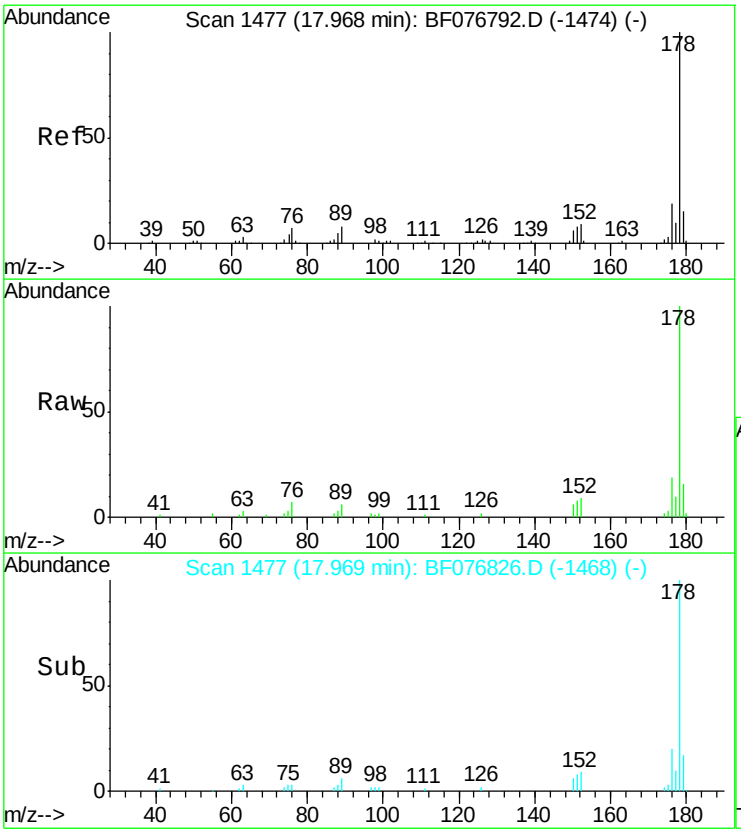
#70
Phenanthrene
Concen: 17.27 ng
RT: 17.89 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:178 Resp: 138542

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	14.5	11.8	17.8

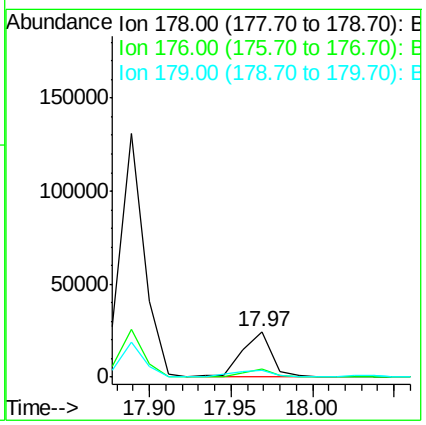


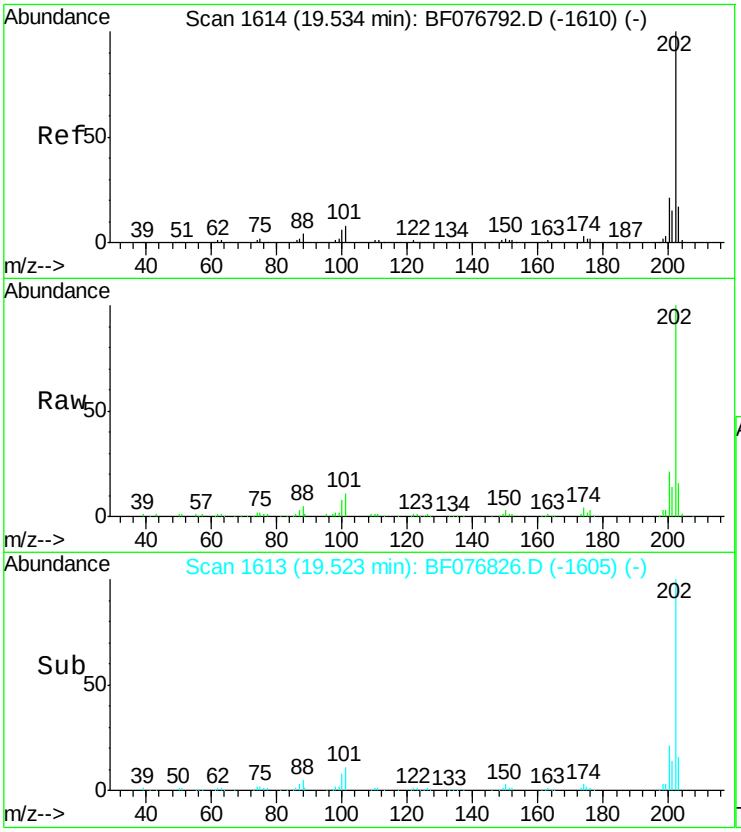


#71
Anthracene
Concen: 3.99 ng
RT: 17.97 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:178 Resp: 31112

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.2	12.2	18.4



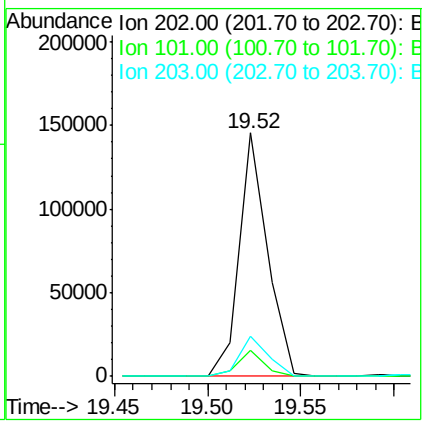


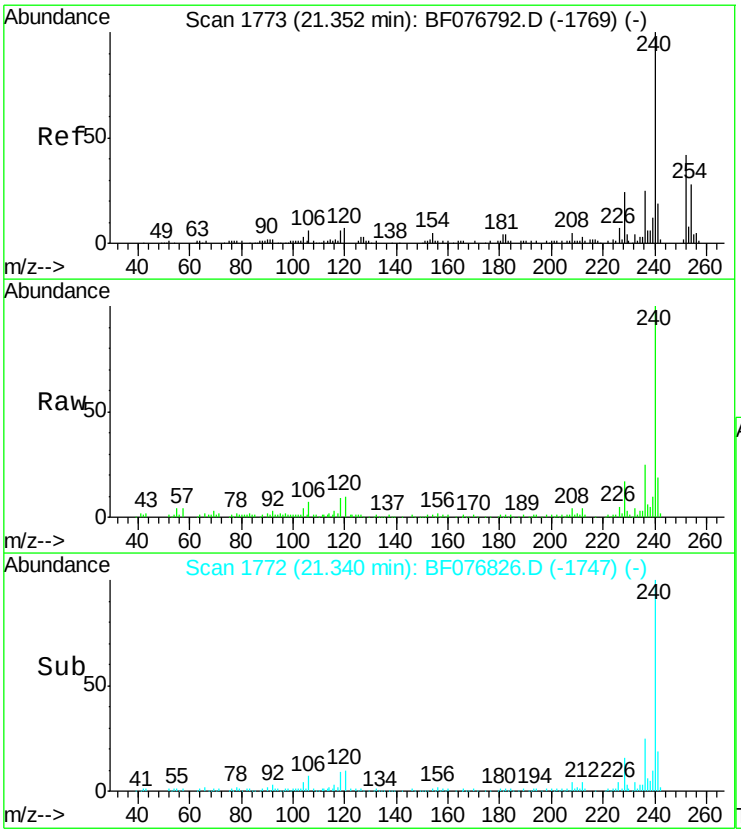
#74
Fluoranthene
Concen: 18.78 ng
RT: 19.52 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:202 Resp: 154320

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	28.0
203	16.4	0.0	37.2

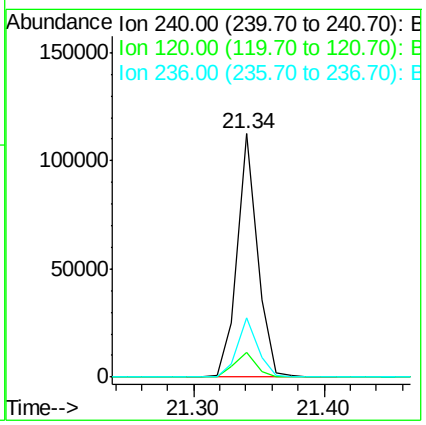


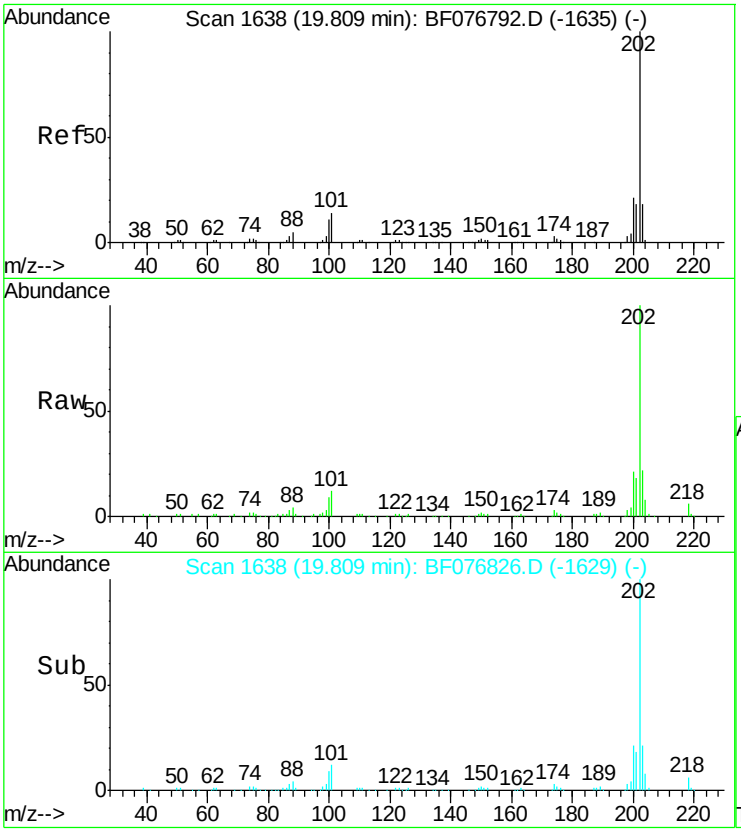


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:240 Resp: 121311

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.7	8.5#
236	24.6	19.7	29.5



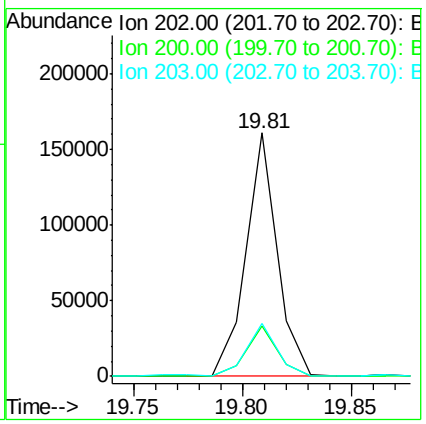


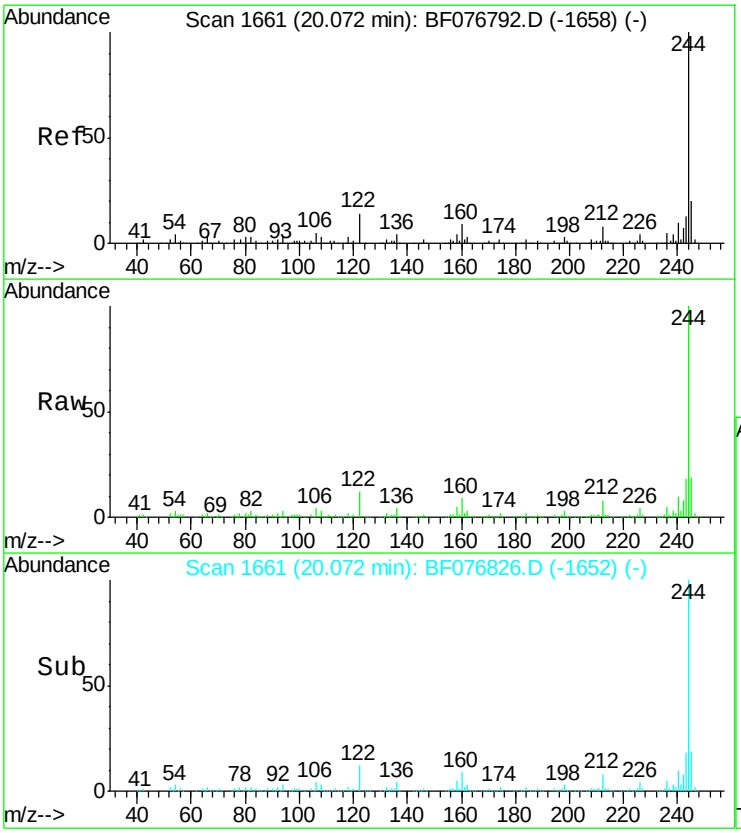
#77
Pyrene
Concen: 18.51 ng
RT: 19.81 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:202 Resp: 161569

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	21.8	14.6	22.0

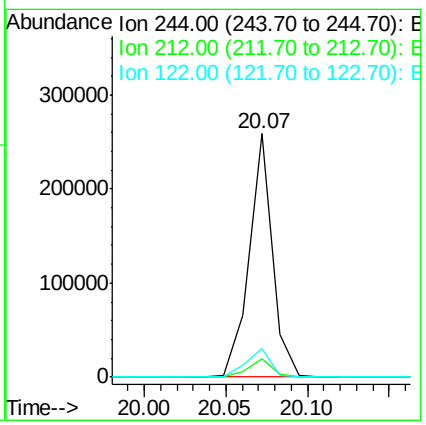


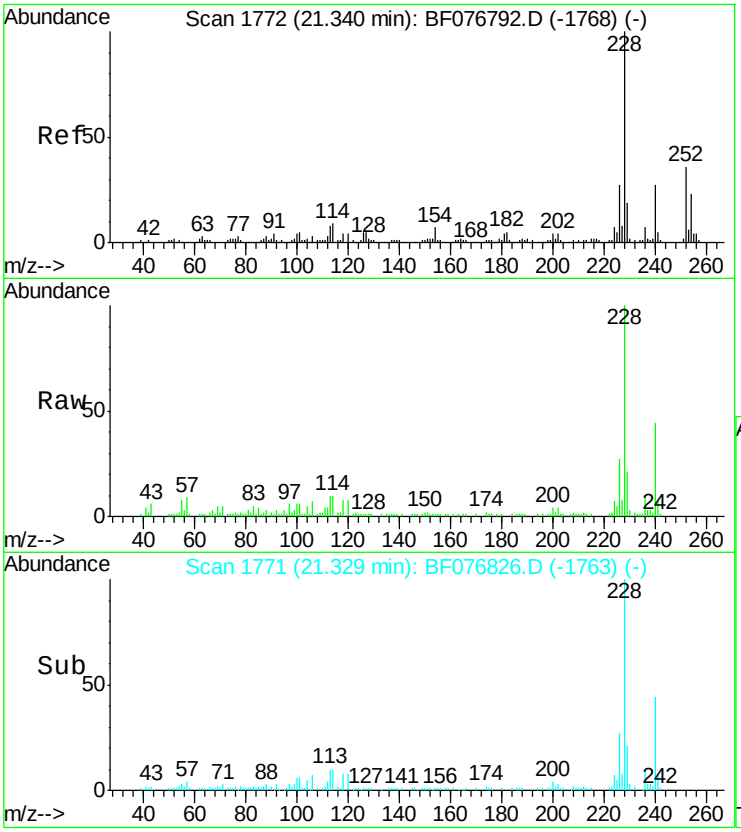


#78
Terphenyl-d14
Concen: 46.23 ng
RT: 20.07 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:244 Resp: 255430

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.7	11.3	16.9



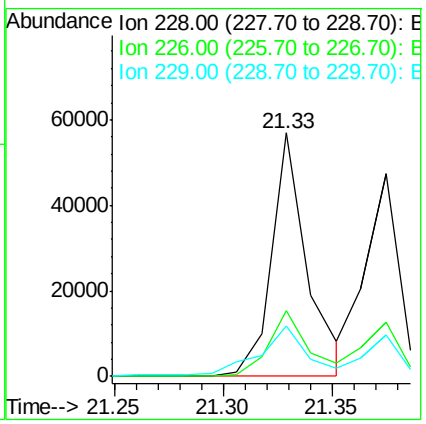


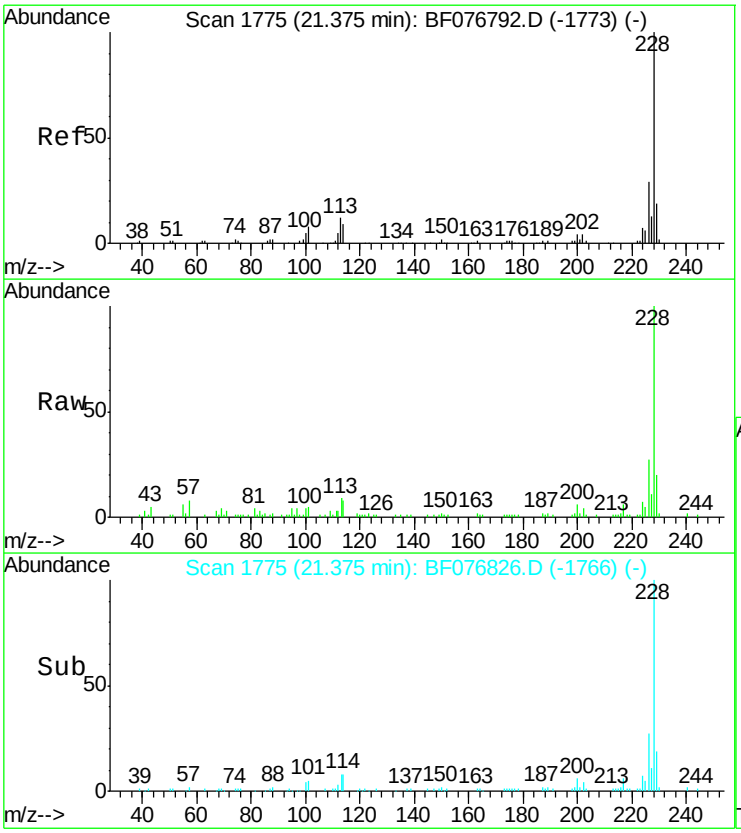
#80
Benzo(a)anthracene
Concen: 8.44 ng
RT: 21.33 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:228 Resp: 65247

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	20.8	15.0	22.4

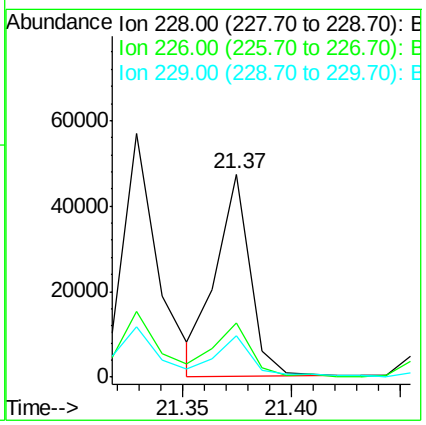


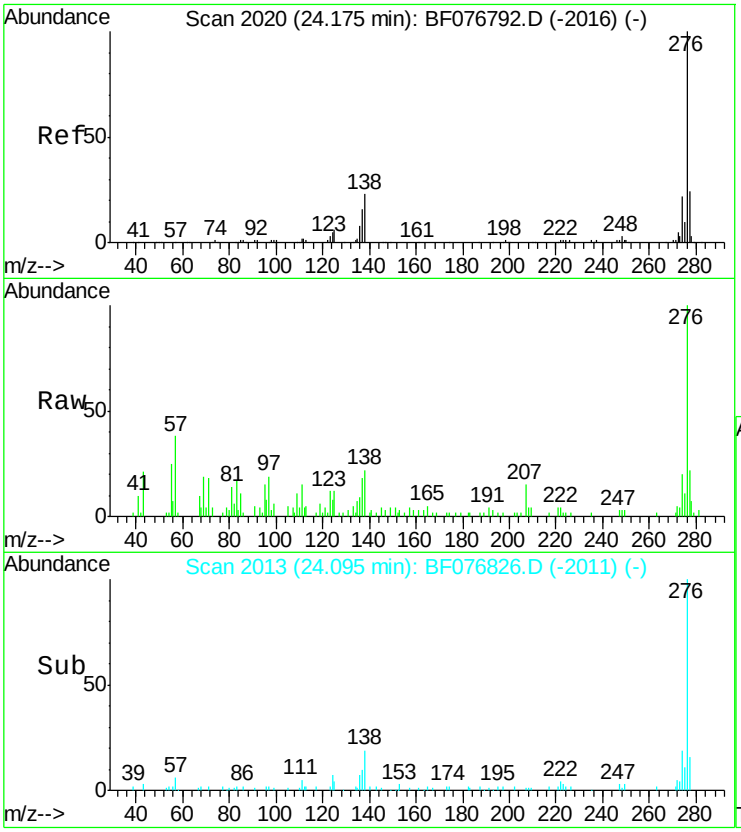


#82
Chrysene
Concen: 7.27 ng
RT: 21.37 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:228 Resp: 50850

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.3	34.9
229	20.1	14.6	22.0



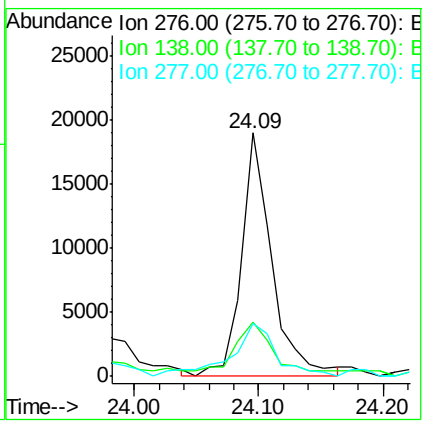


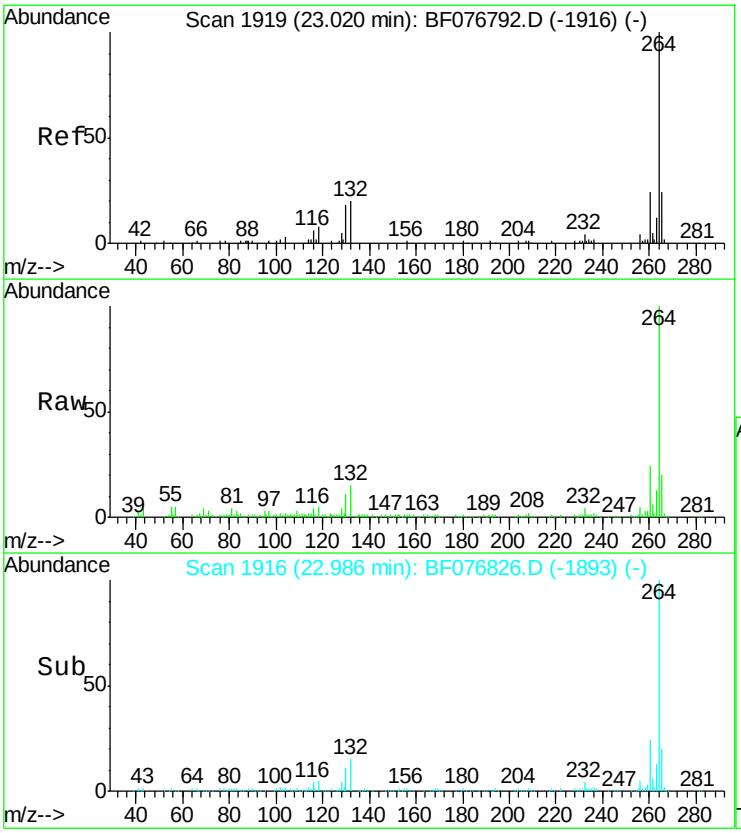
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng m
RT: 24.09 min Scan# 2013
Delta R.T. -0.08 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:276 Resp: 31790

Ion	Ratio	Lower	Upper
276	100		
138	15.1	0.0	0.0#
277	21.5	0.0	0.0#

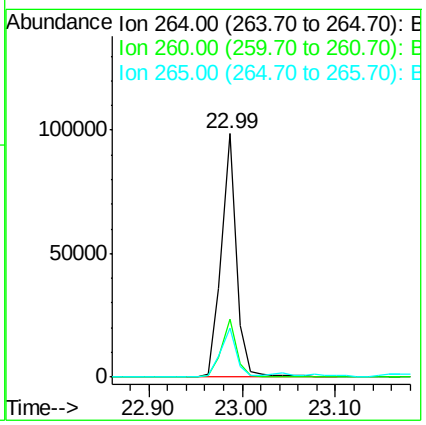


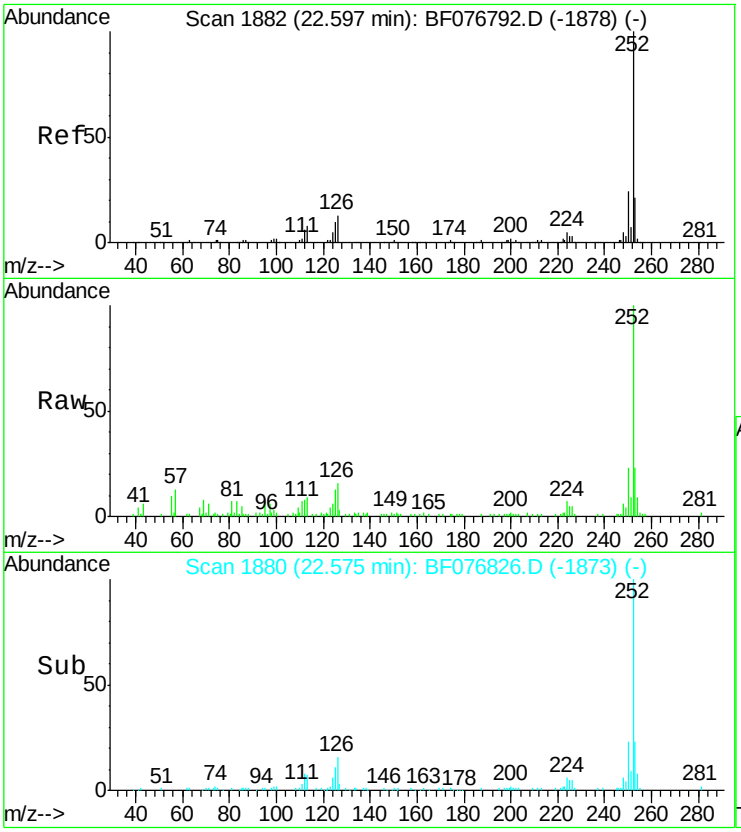


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.99 min Scan# 1916
Delta R.T. -0.03 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:264 Resp: 111832

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	20.0	18.9	28.3



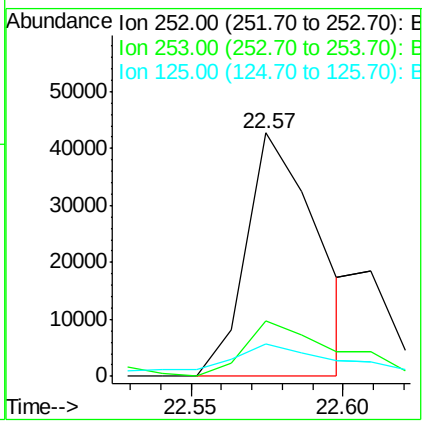


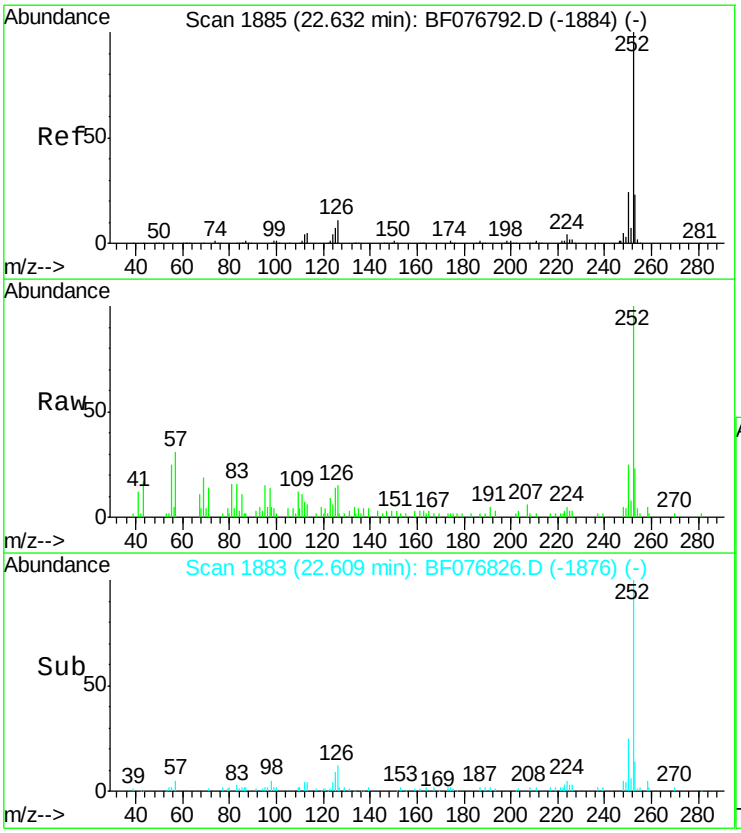
#87
Benzo(b)fluoranthene
Concen: 8.93 ng m
RT: 22.57 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:252 Resp: 69144

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.6	25.0
125	13.4	8.1	12.1#

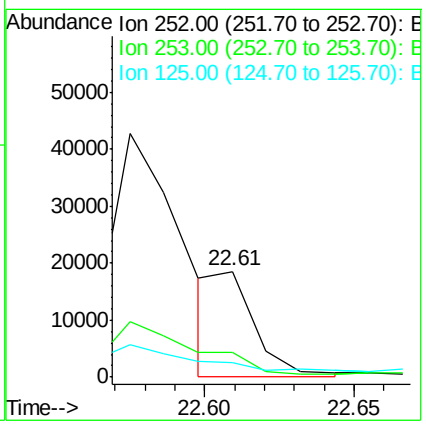


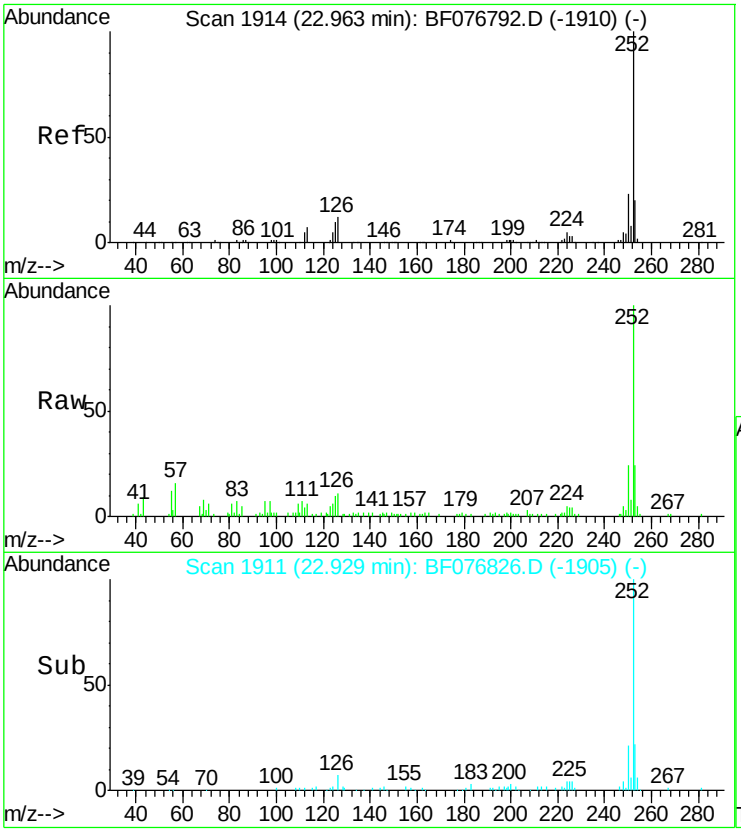


#88
Benzo(k)fluoranthene
Concen: 2.52 ng m
RT: 22.61 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:252 Resp: 17076

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	14.0	7.5	11.3#



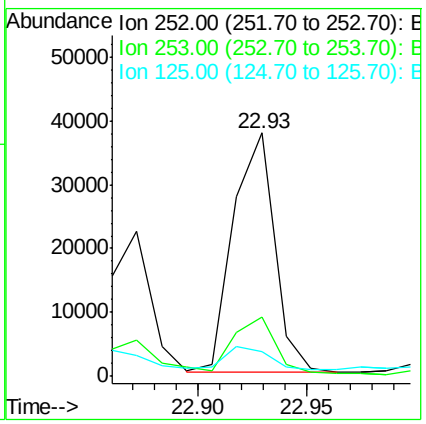


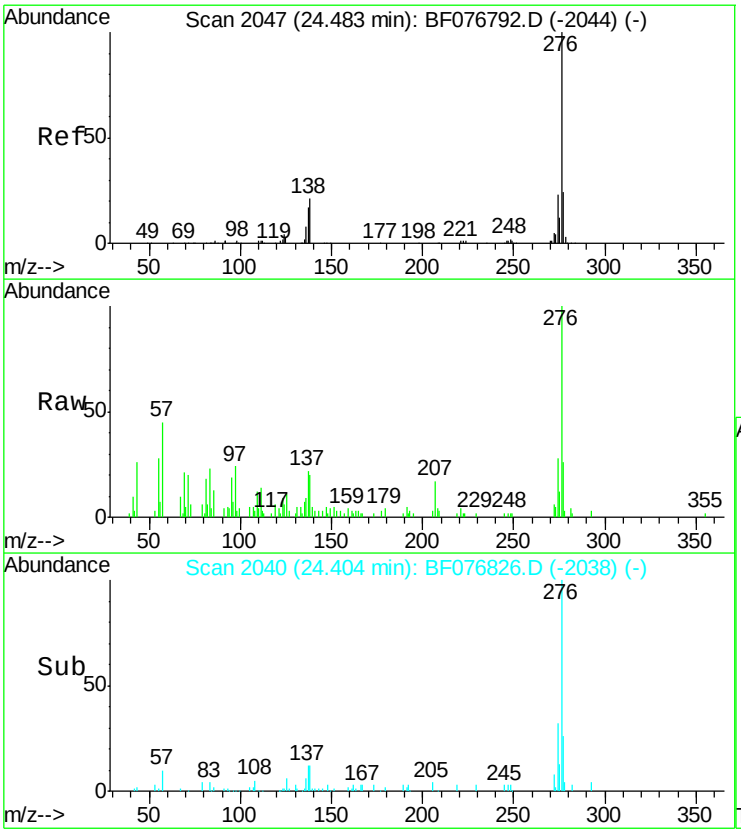
#89
Benzo(a)pyrene
Concen: 7.41 ng
RT: 22.93 min Scan# 1911
Delta R.T. -0.03 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SW-013

Tgt Ion:252 Resp: 49306

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.2	24.4
125	10.0	7.8	11.6





#91
Benzo(g,h,i)perylene
Concen: 4.96 ng
RT: 24.40 min Scan# 2040
Delta R.T. -0.08 min
Lab File: BF076826.D
Acq: 13 Jan 2015 3:01

Tgt Ion:276 Resp: 30714

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.6
138	19.7	16.7	25.1