Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-1(0-6)

Quant Time: May 07 01:11:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66819	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	295512	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	144430	20.00	ng	0.01
63) Phenanthrene-d10	12.95	188	299833	20.00	ng	0.00
75) Chrysene-d12	16.26	240	336143	20.00	ng	-0.05
86) Perylene-d12	18.07	264	374991	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	156474	40.31	ng	0.01
7) Phenol-d6	6.90	99	216150	42.13	ng	0.01
23) Nitrobenzene-d5	8.03	82	121462	23.62	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	62793	40.19	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	254216	24.52	ng	0.00
78) Terphenyl-d14	14.95	244	321275	22.88	ng	0.00
Target Compounds						Qvalue
51) Acenaphthene	11.14	154	32528	3.71	ng	98
54) Dibenzofuran	11.36	168	32815	2.59	ng	96
57) Fluorene	11.78	166	45643	4.39	ng	97
70) Phenanthrene	12.98	178	603465	35.98	ng	100
71) Anthracene	13.04	178	149039	9.06	ng	99
72) Carbazole	13.25	167	41445	2.64	ng	98
74) Fluoranthene	14.47	202	684637	39.17	ng	92
77) Pyrene	14.74	202	654201	33.77	ng	98
80) Benzo(a)anthracene	16.25	228	380488	20.67	ng	100
82) Chrysene	16.30	228	276336	15.61	ng	98
87) Benzo(b)fluoranthene	17.60	252	404678	19.72	ng	99
88) Benzo(k)fluoranthene	17.60	252	478207	24.07	ng	99
89) Benzo(a)pyrene	18.00	252	267560	14.16	ng	98
91) Benzo(g,h,i)perylene	20.02	276	156223	7.76	ng	99

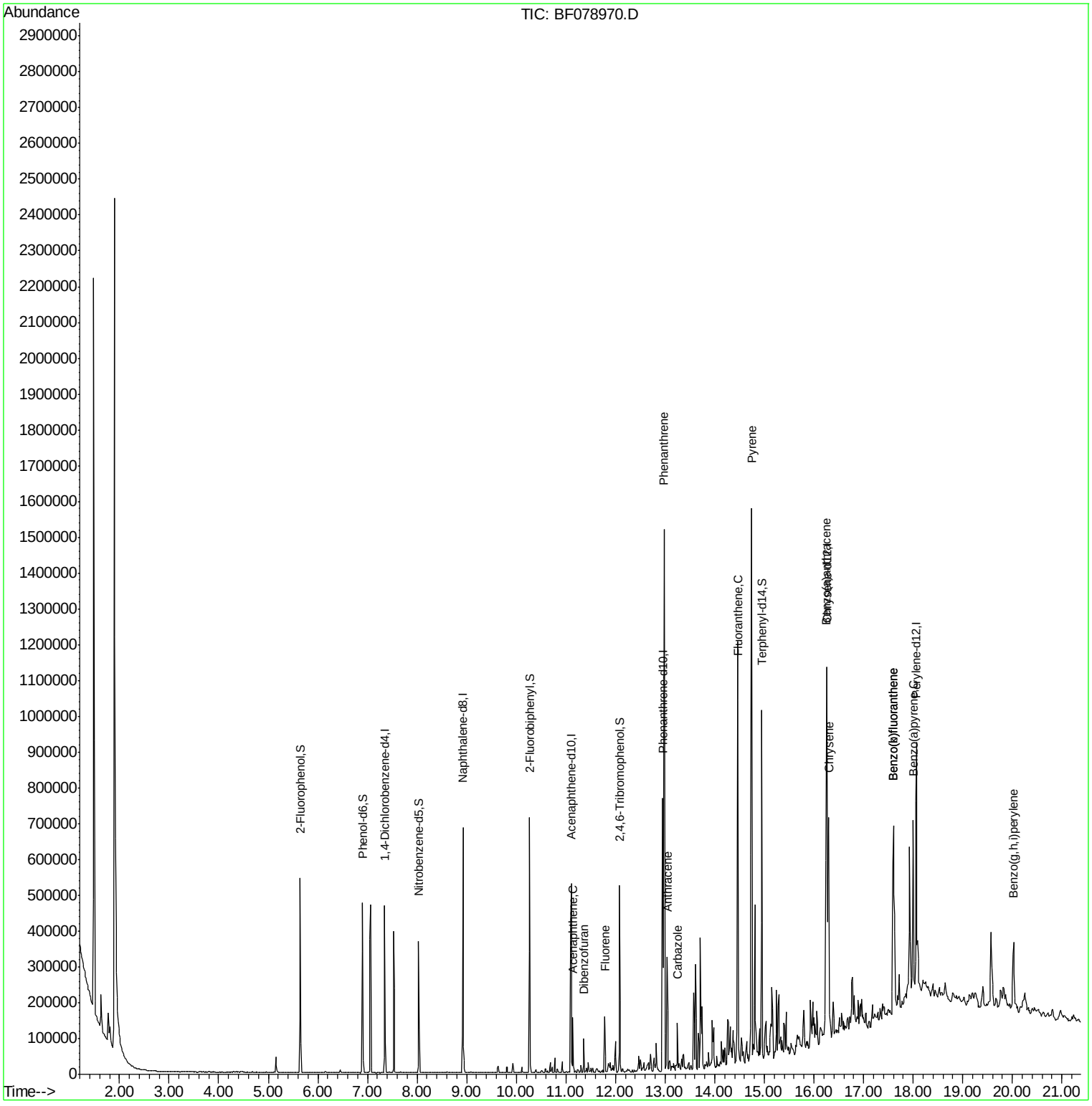
(#) = qualifier out of range (m) = manual integration (+) = signals summed

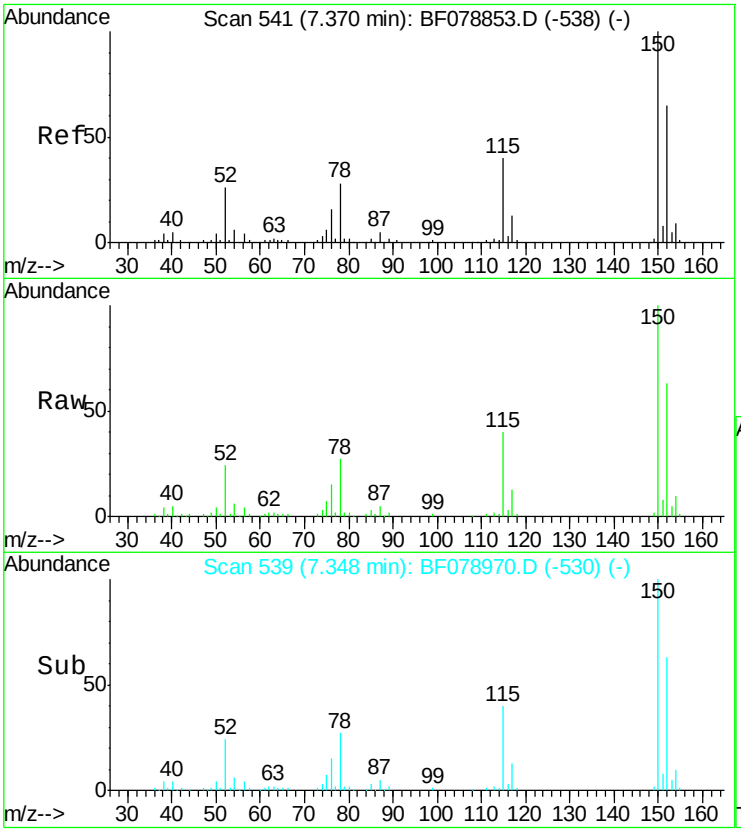
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078970.D
Acq On : 6 May 2015 19:53
Operator : TP/IZ
Sample : G2114-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Quant Time: May 07 01:11:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration



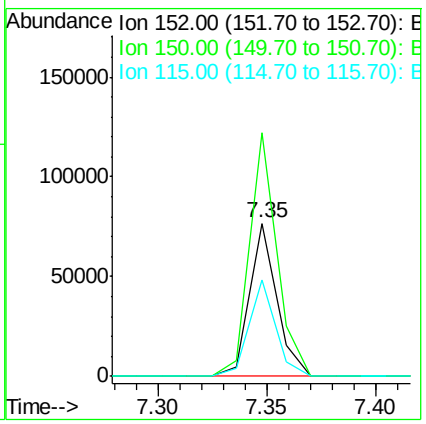


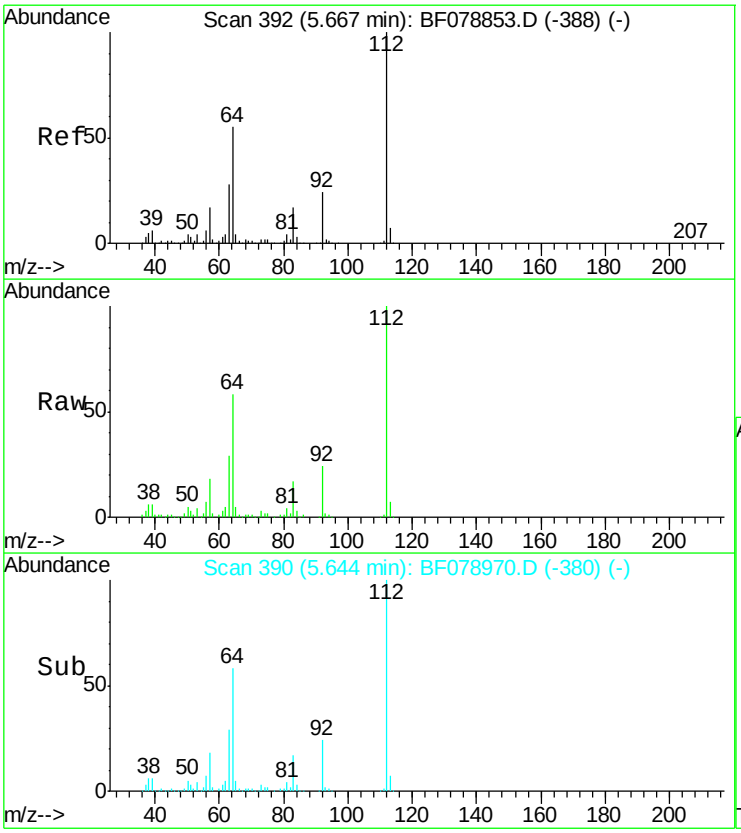
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:152 Resp: 66819

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.0	183.0
115	62.8	46.3	69.5

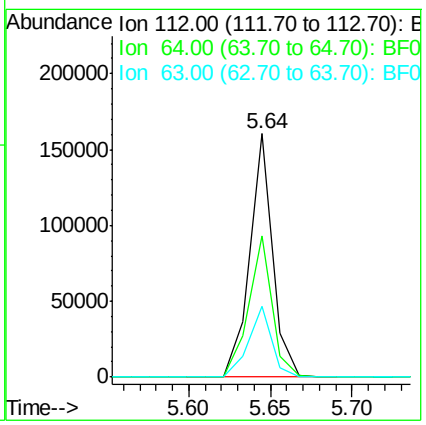


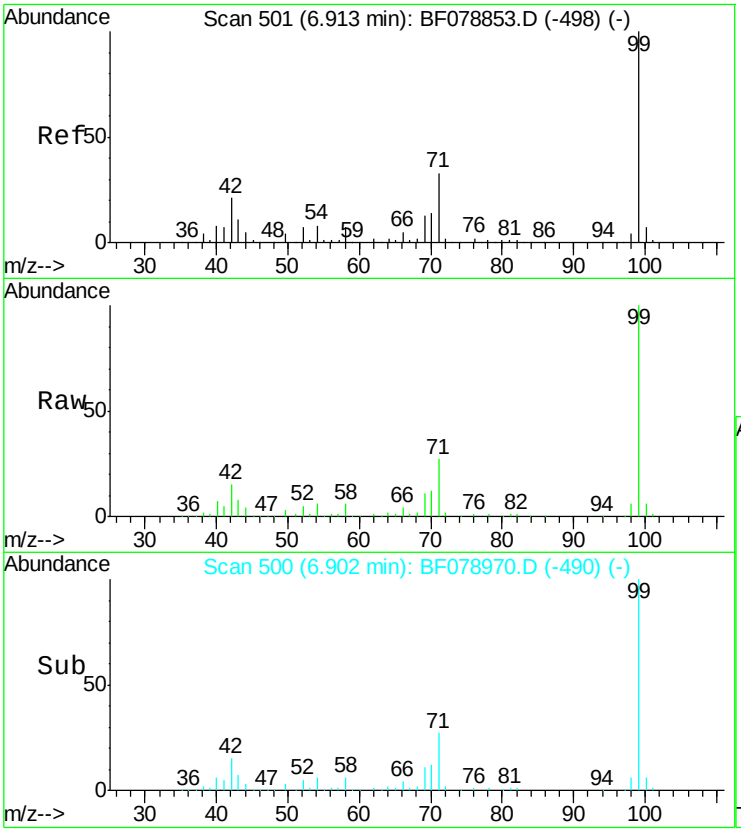


#5
2-Fluorophenol
Concen: 40.31 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:112 Resp: 156474

Ion	Ratio	Lower	Upper
112	100		
64	58.2	53.5	80.3
63	29.2	27.5	41.3



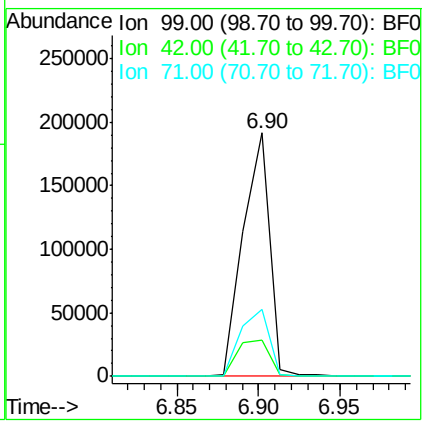


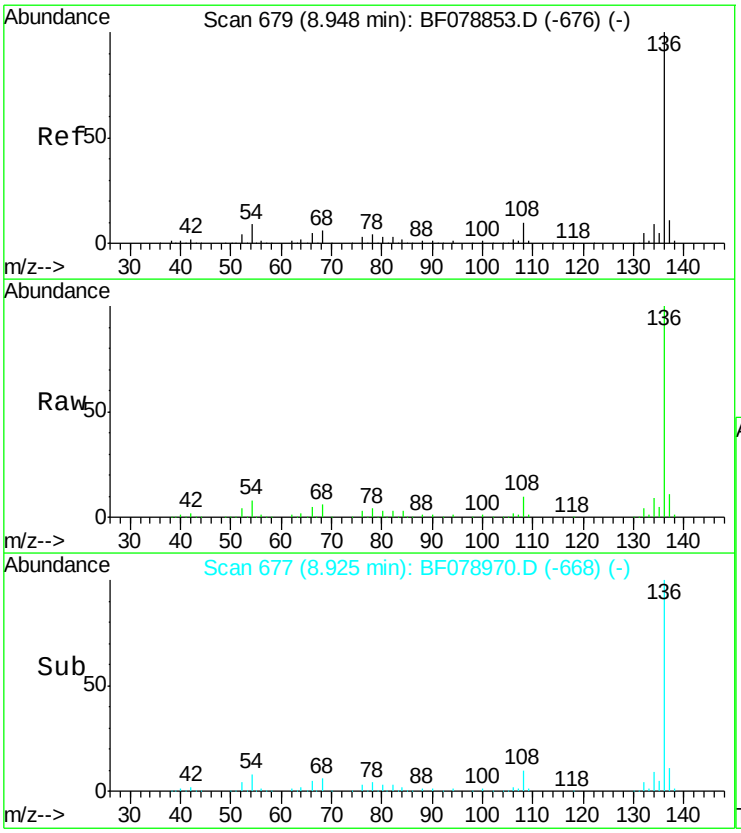
#7
Phenol-d6
Concen: 42.13 ng
RT: 6.90 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion: 99 Resp: 216150

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.8	19.2
71	27.4	23.4	35.2

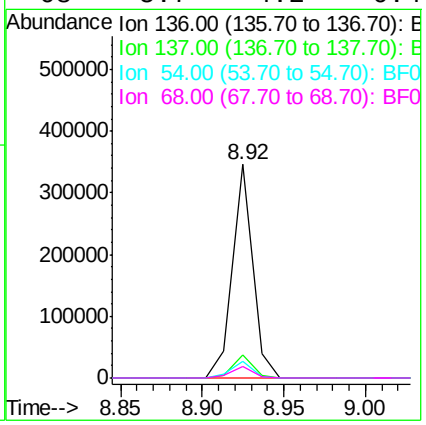


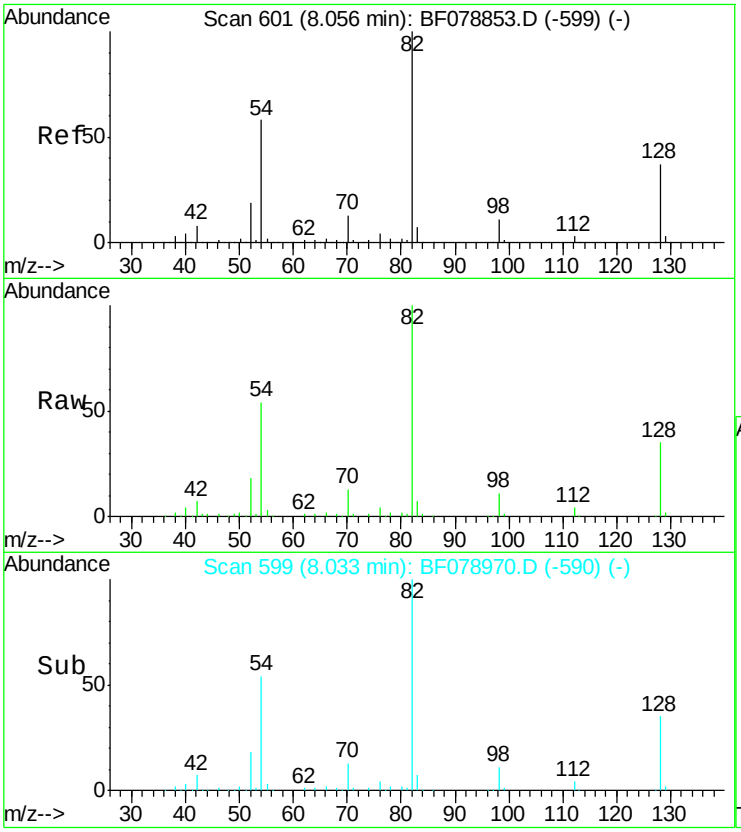


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:136 Resp: 295512

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.5	5.8	8.8
68	5.7	4.2	6.4



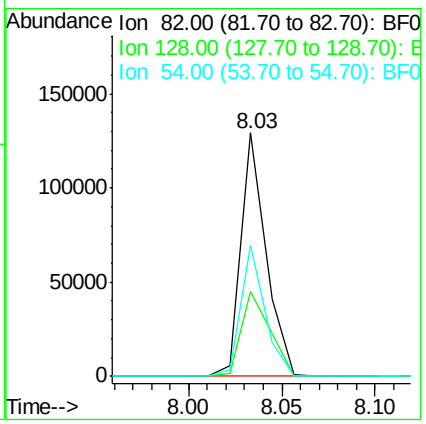


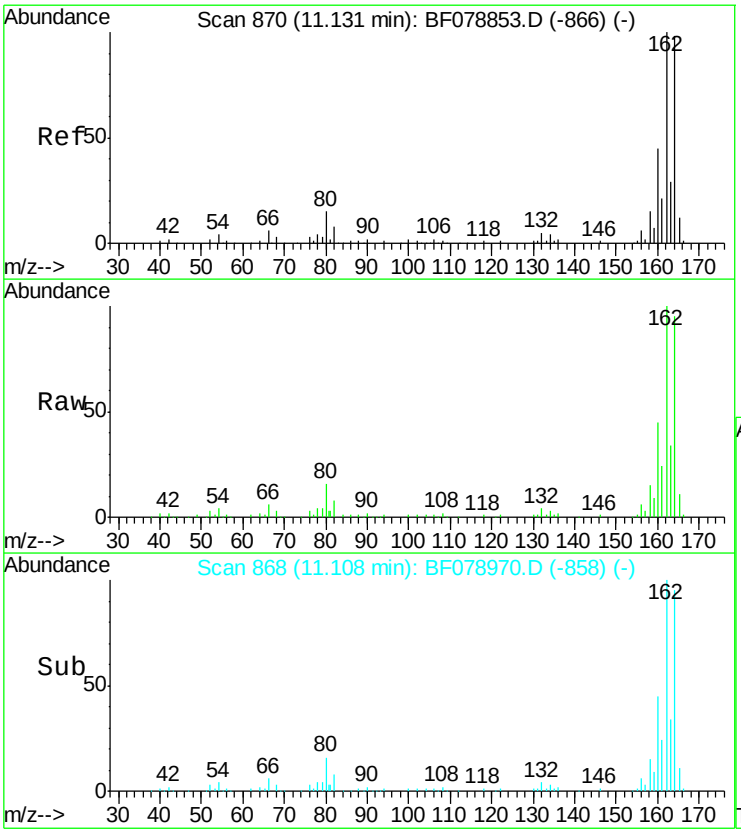
#23
Nitrobenzene-d5
Concen: 23.62 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion: 82 Resp: 121462

Ion	Ratio	Lower	Upper
82	100		
128	34.8	30.0	45.0
54	53.9	46.4	69.6

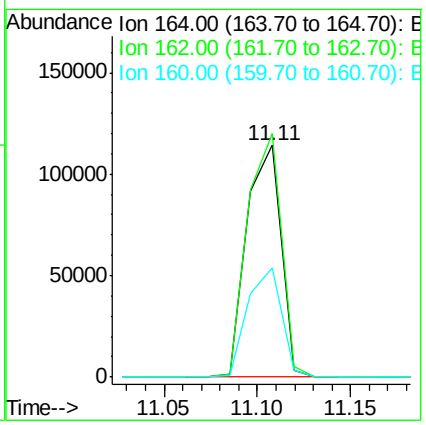


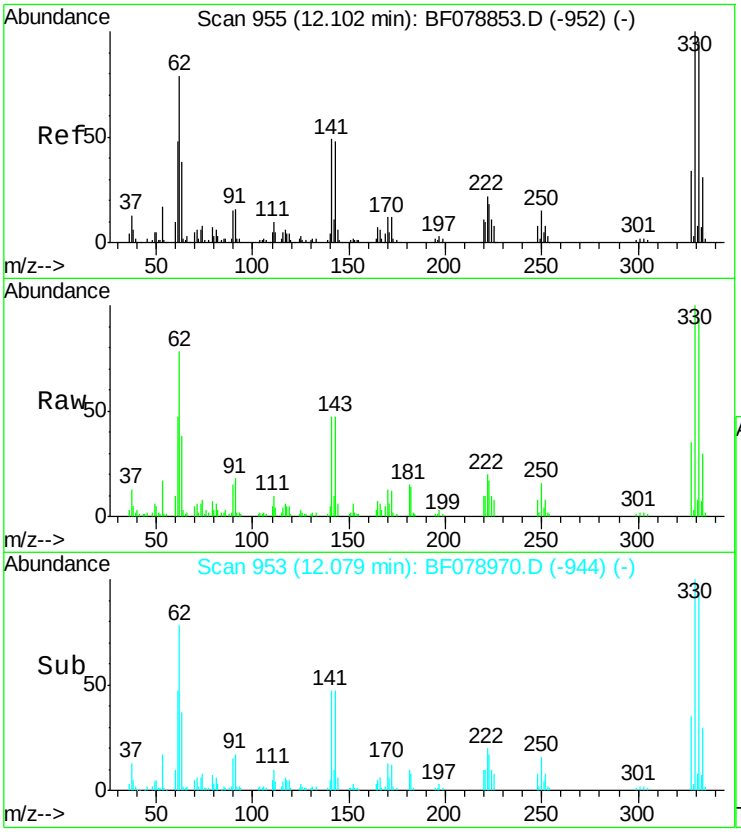


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:164 Resp: 144430

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.7	124.1
160	47.2	35.8	53.8



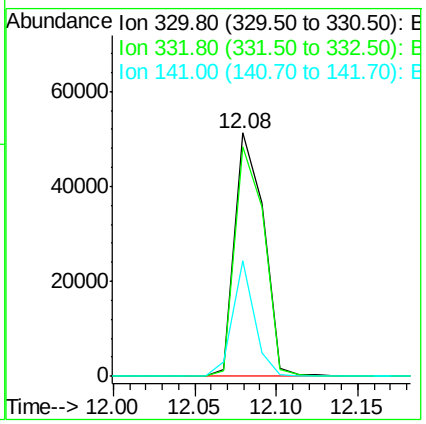


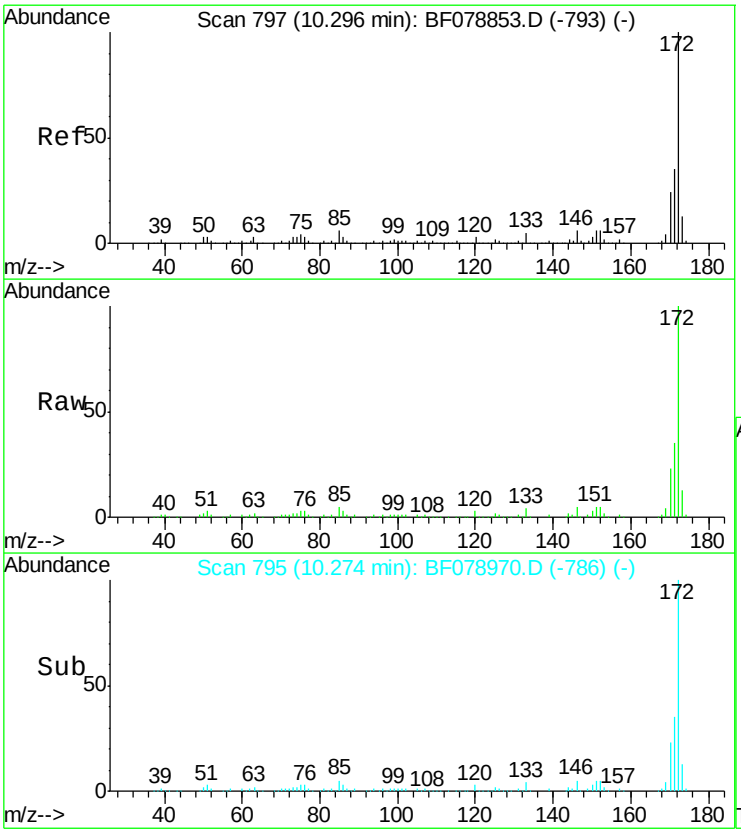
#41
2,4,6-Tribromophenol
Concen: 40.19 ng
RT: 12.08 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:330 Resp: 62793

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	35.7	0.0	0.0#

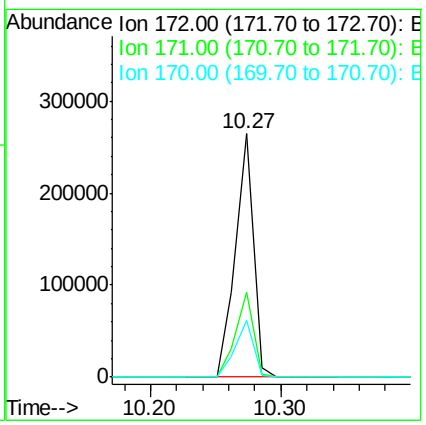


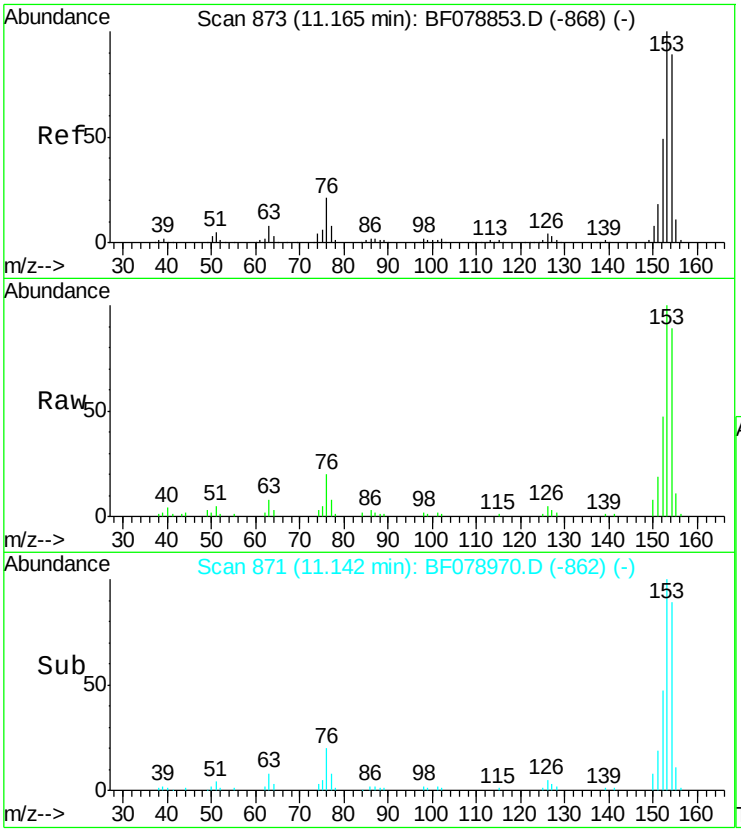


#44
2-Fluorobiphenyl
Concen: 24.52 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:172 Resp: 254216

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.1	19.4	29.0



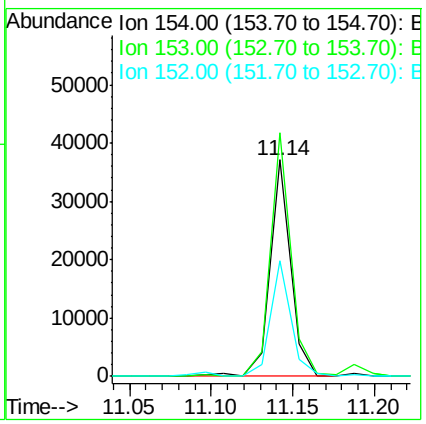


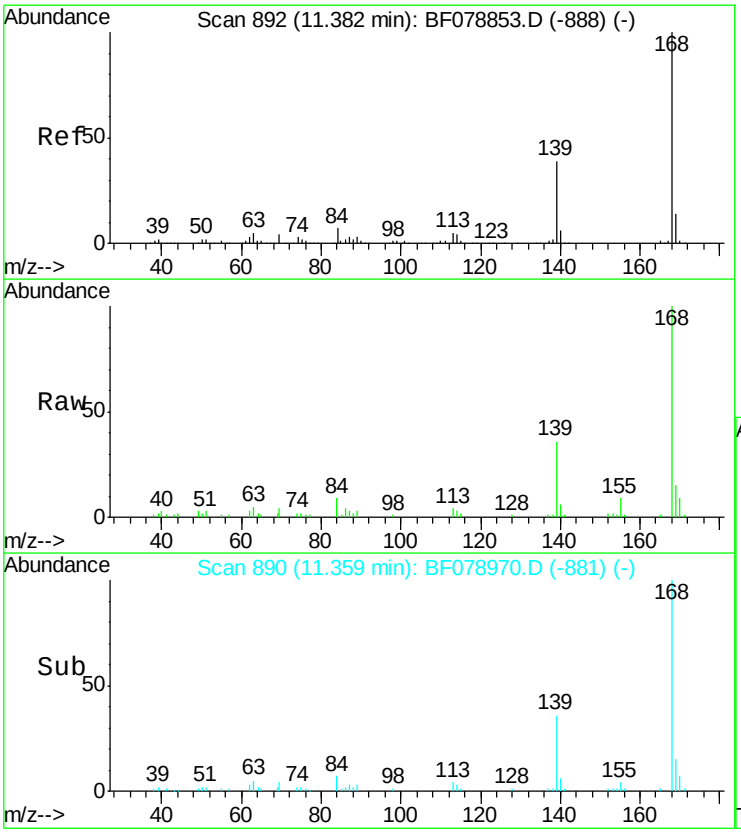
#51
Acenaphthene
Concen: 3.71 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:154 Resp: 32528

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.5	137.3
152	53.2	44.2	66.4

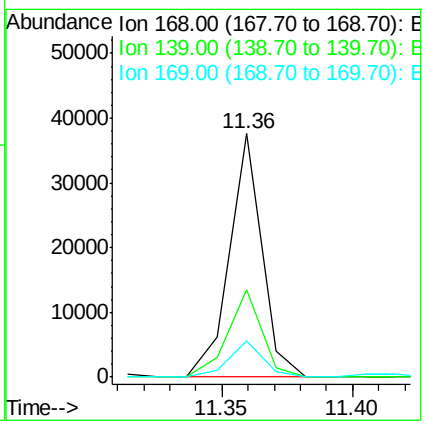


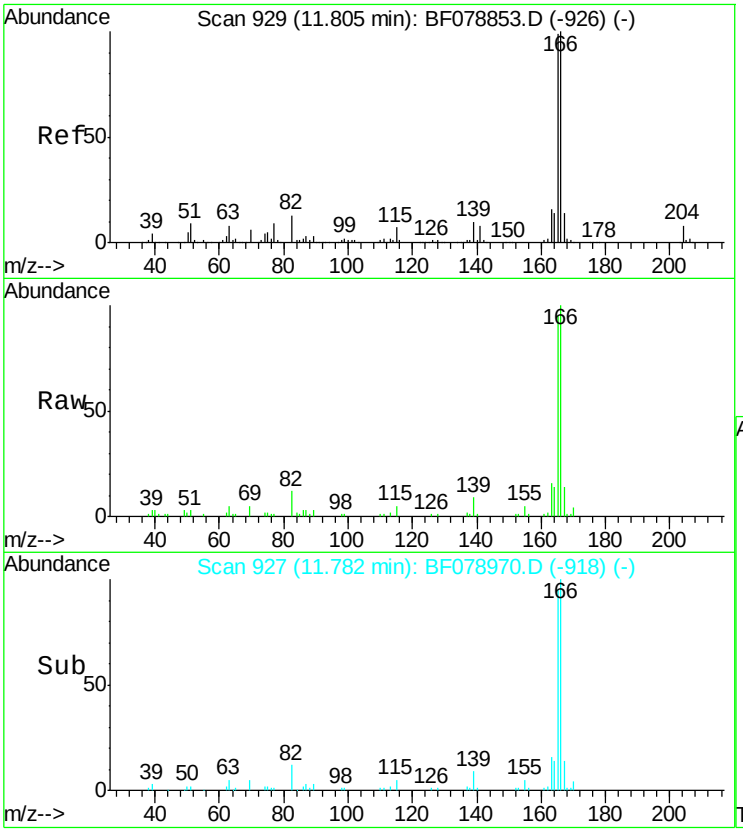


#54
Dibenzofuran
Concen: 2.59 ng
RT: 11.36 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:168 Resp: 32815

Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.0	46.4
169	14.7	10.6	16.0



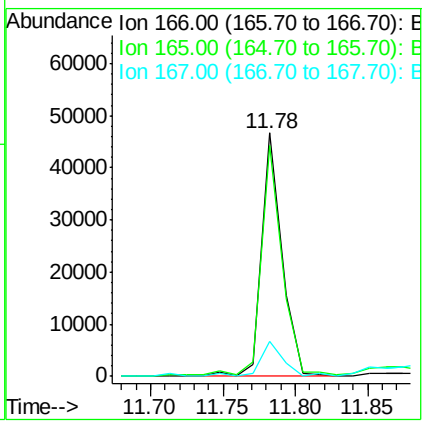


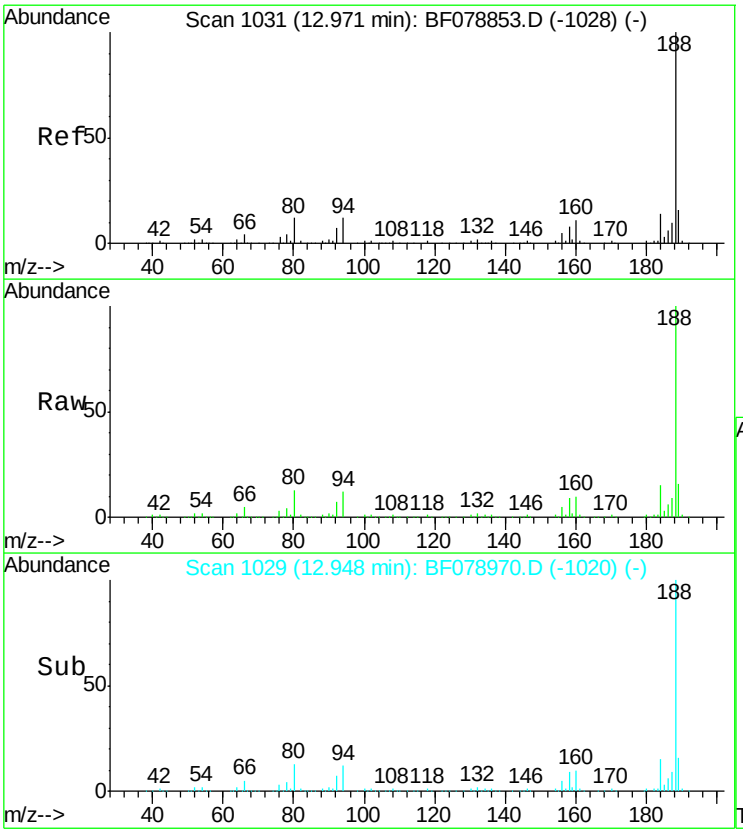
#57
Fluorene
Concen: 4.39 ng
RT: 11.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:166 Resp: 45643

Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.5	117.7
167	14.5	11.0	16.6

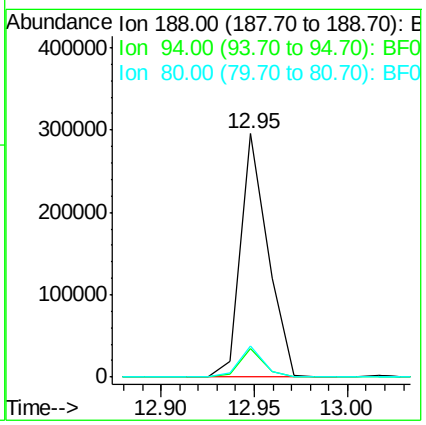


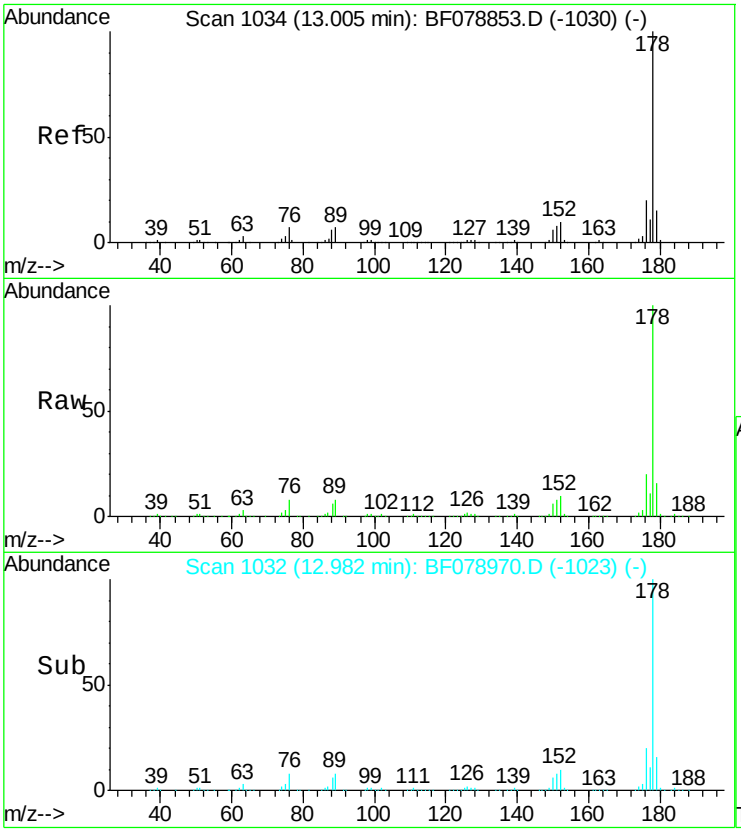


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:188 Resp: 299833

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.2	12.2
80	12.8	8.9	13.3



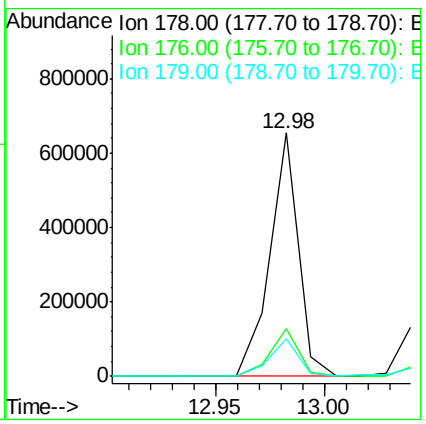


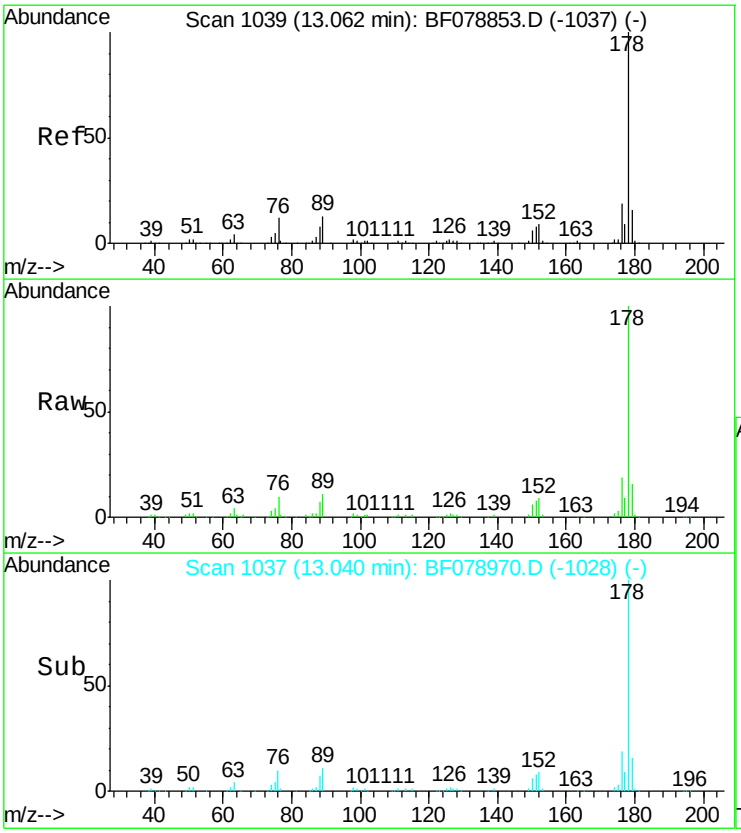
#70
Phenanthrene
Concen: 35.98 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:178 Resp: 603465

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	12.5	18.7

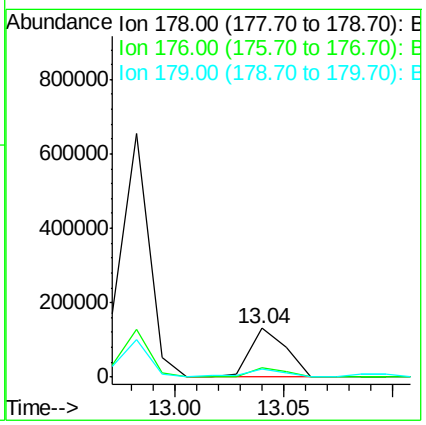


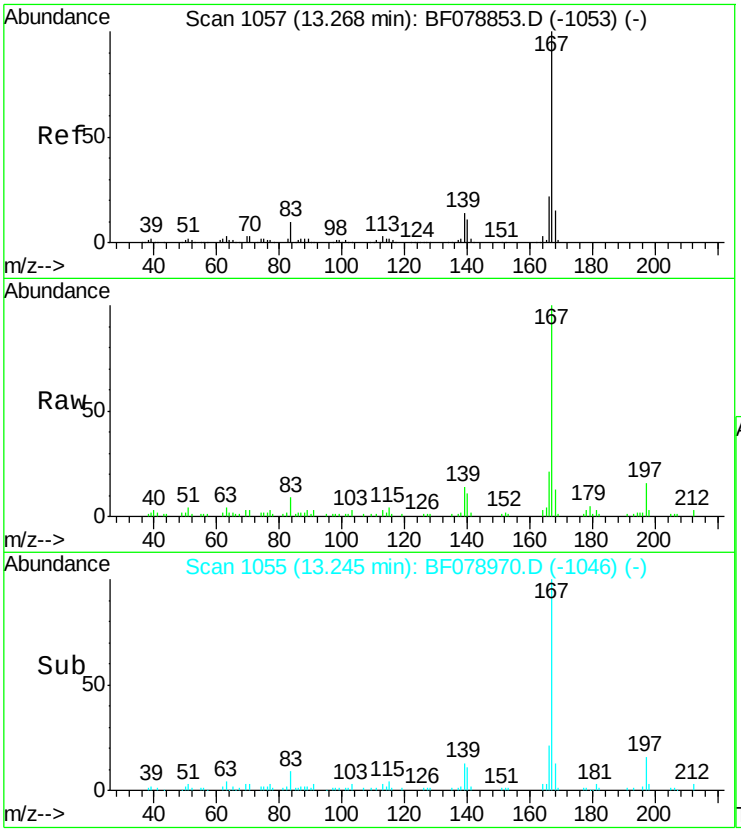


#71
Anthracene
Concen: 9.06 ng
RT: 13.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:178 Resp: 149039

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.6	12.7	19.1



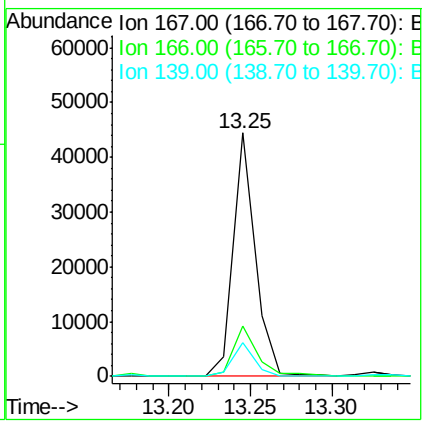


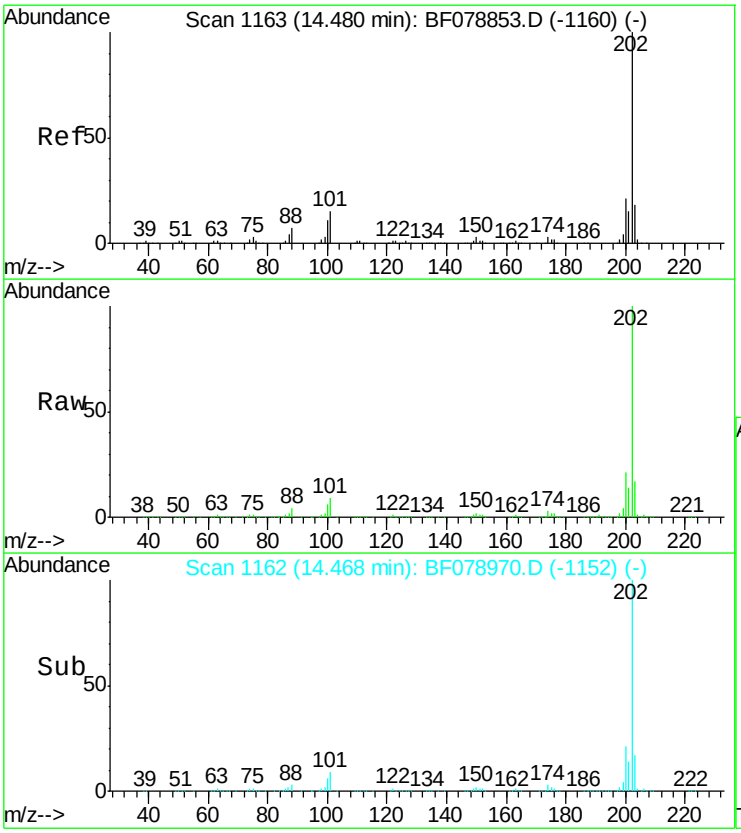
#72
Carbazole
Concen: 2.64 ng
RT: 13.25 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:167 Resp: 41445

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.8	26.8
139	14.0	10.6	16.0

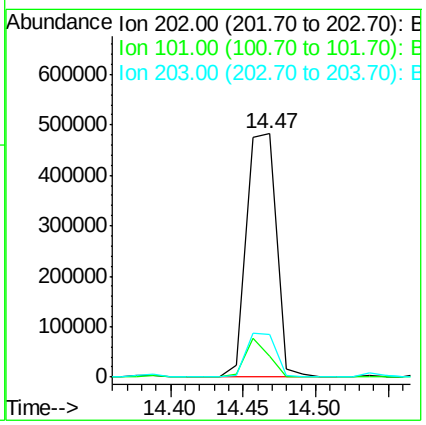


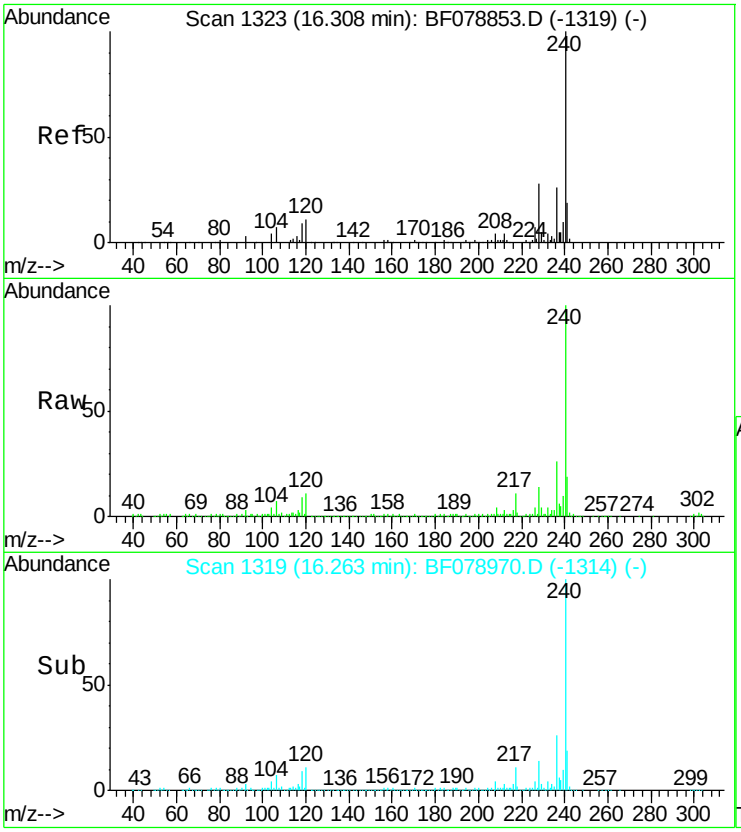


#74
Fluoranthene
Concen: 39.17 ng
RT: 14.47 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:202 Resp: 684637

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	34.6
203	17.3	0.0	38.4



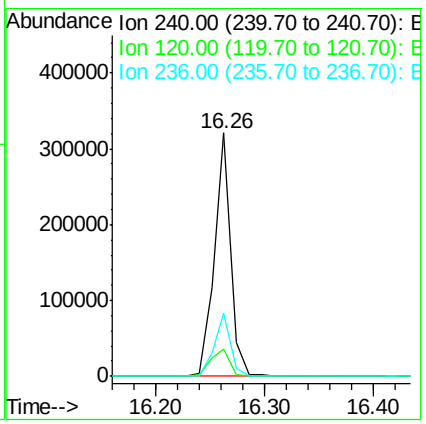


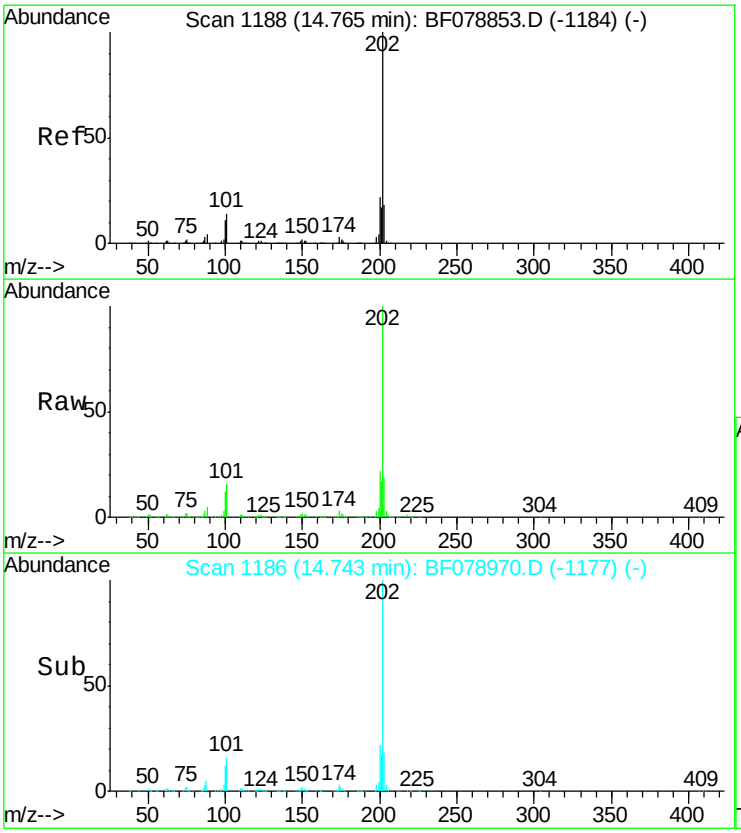
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:240 Resp: 336143

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.7	14.5
236	26.0	20.2	30.4

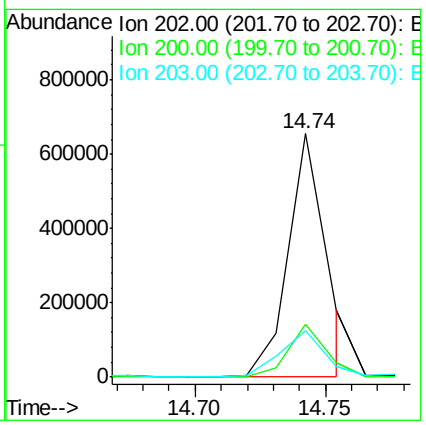


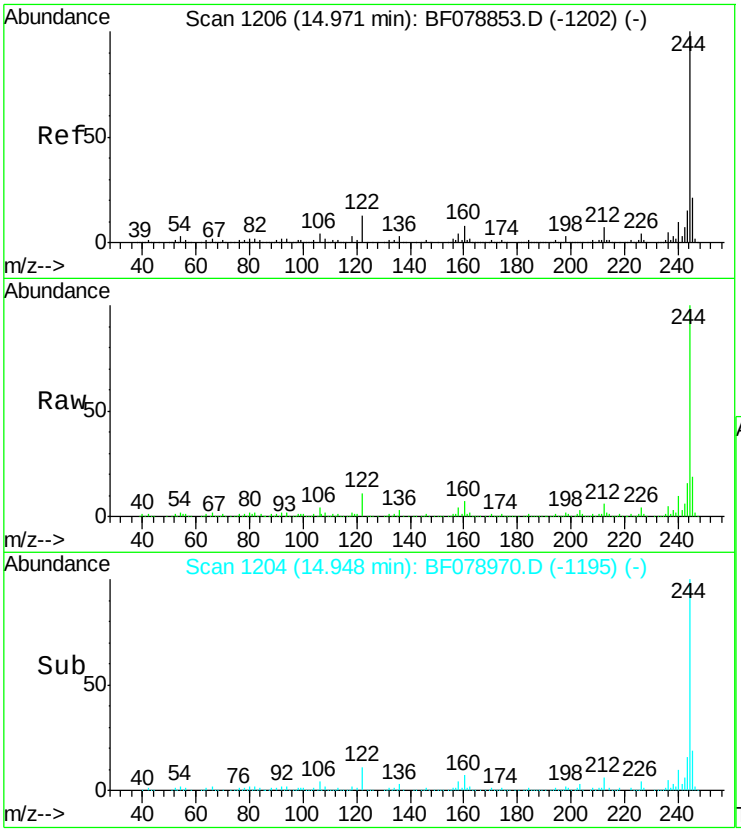


#77
Pyrene
Concen: 33.77 ng
RT: 14.74 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:202 Resp: 654201

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	19.1	13.9	20.9



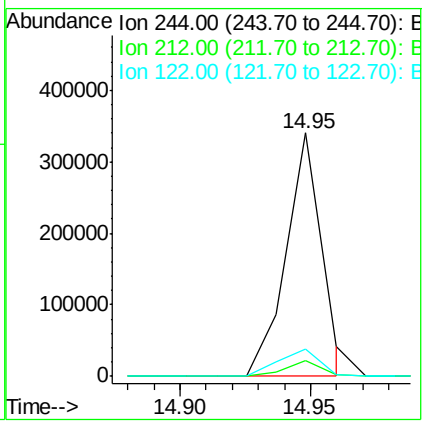


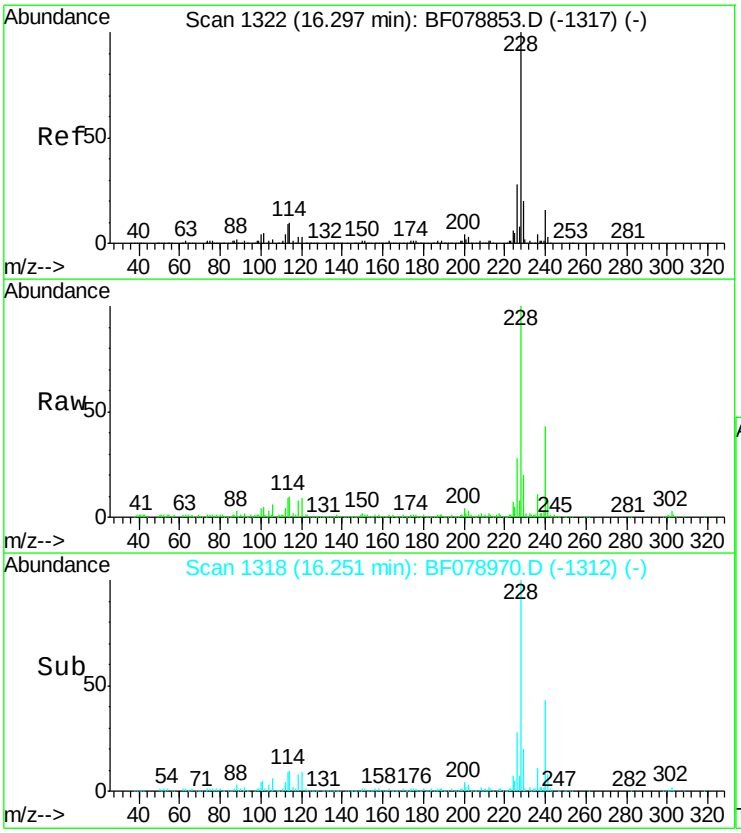
#78
Terphenyl-d14
Concen: 22.88 ng
RT: 14.95 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:244 Resp: 321275

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	11.4	10.3	15.5

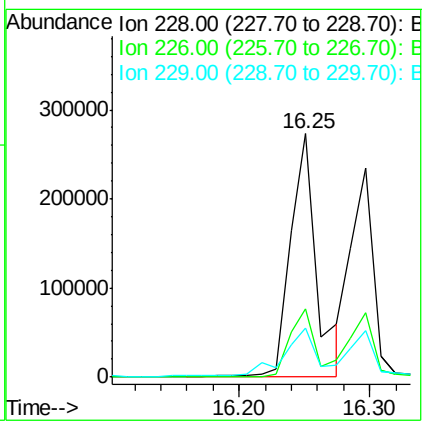


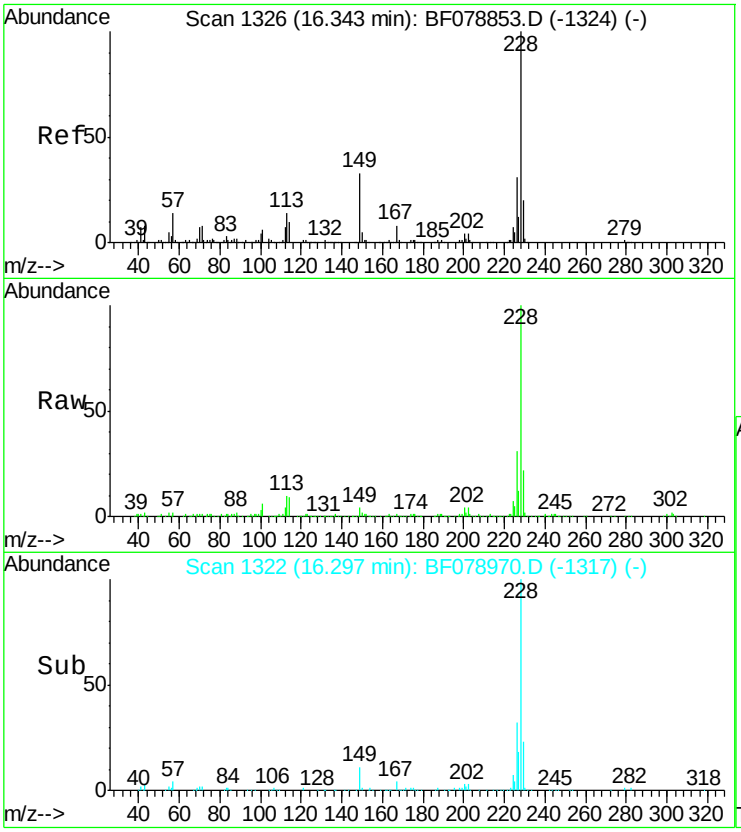


#80
Benzo(a)anthracene
Concen: 20.67 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:228 Resp: 380488

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.9	23.9



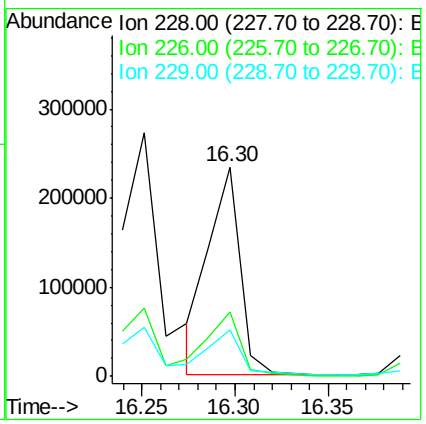


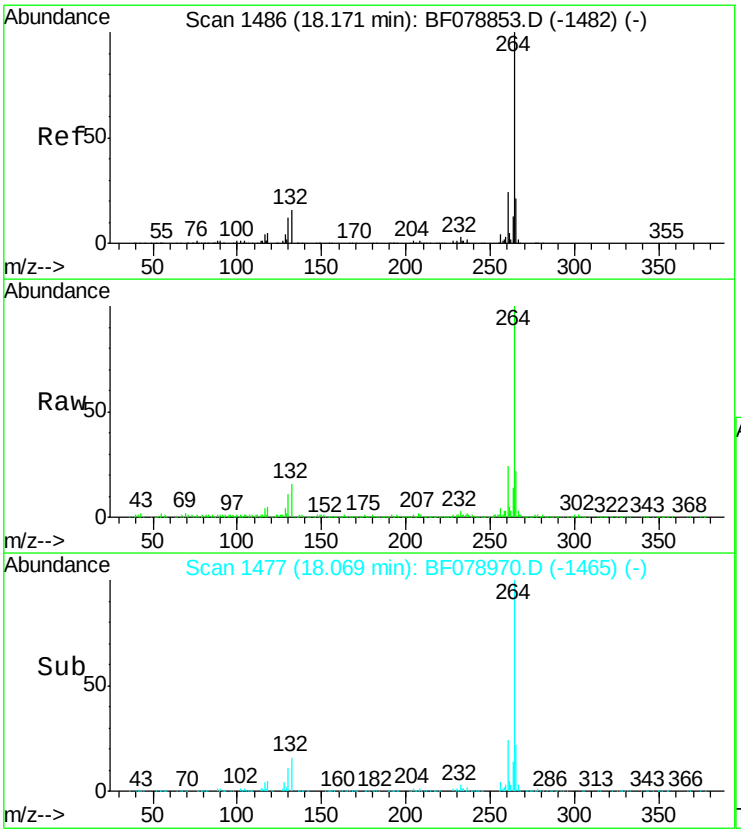
#82
Chrysene
Concen: 15.61 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:228 Resp: 276336

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.0	16.0	24.0

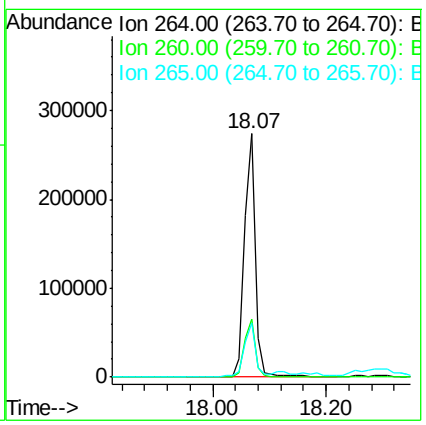


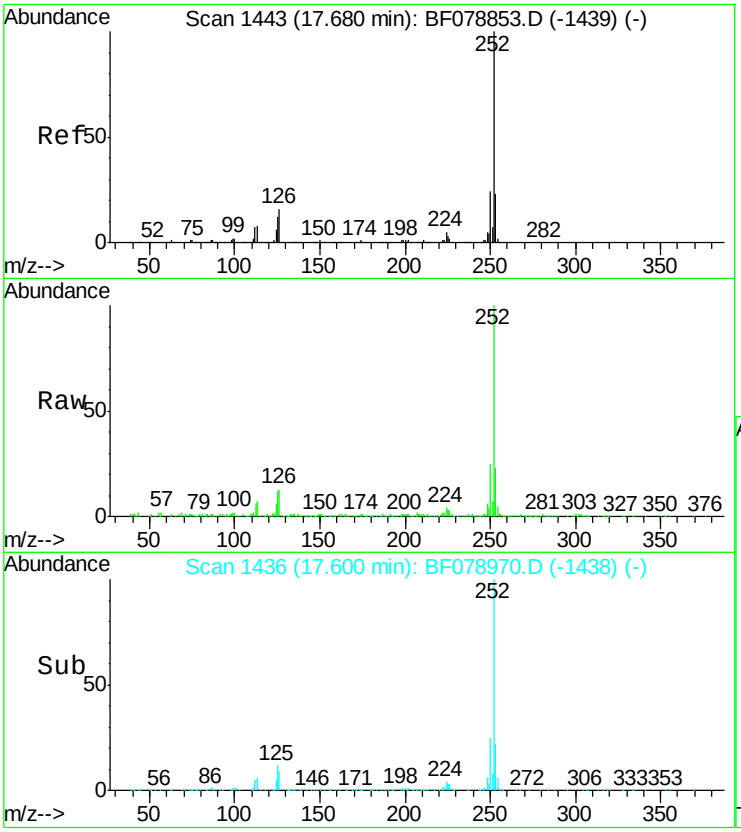


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.07 min Scan# 1477
Delta R.T. -0.16 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:264 Resp: 374991

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.4	18.3	27.5



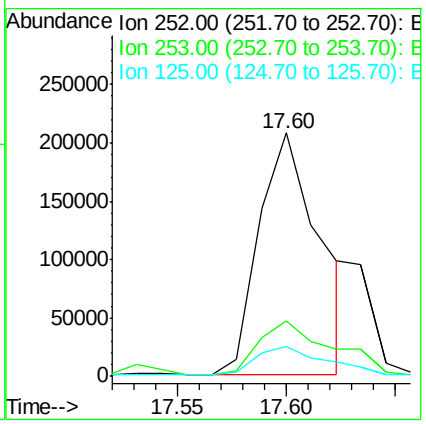


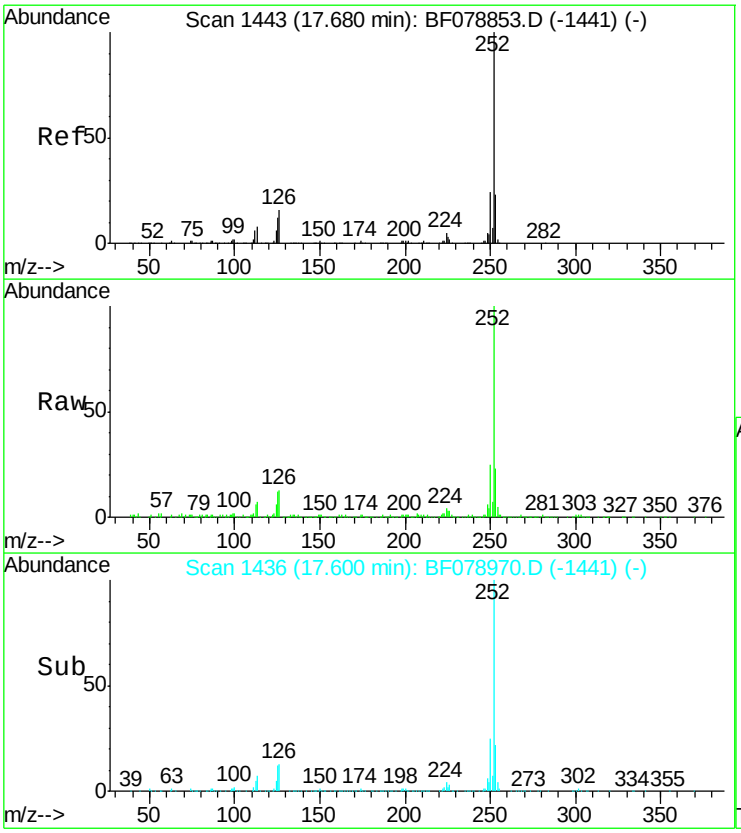
#87
Benzo(b)fluoranthene
Concen: 19.72 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.13 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:252 Resp: 404678

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.1	9.5	14.3

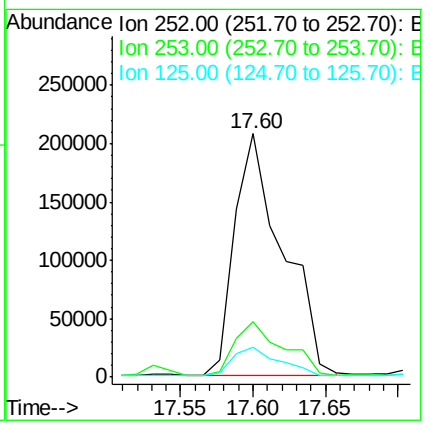


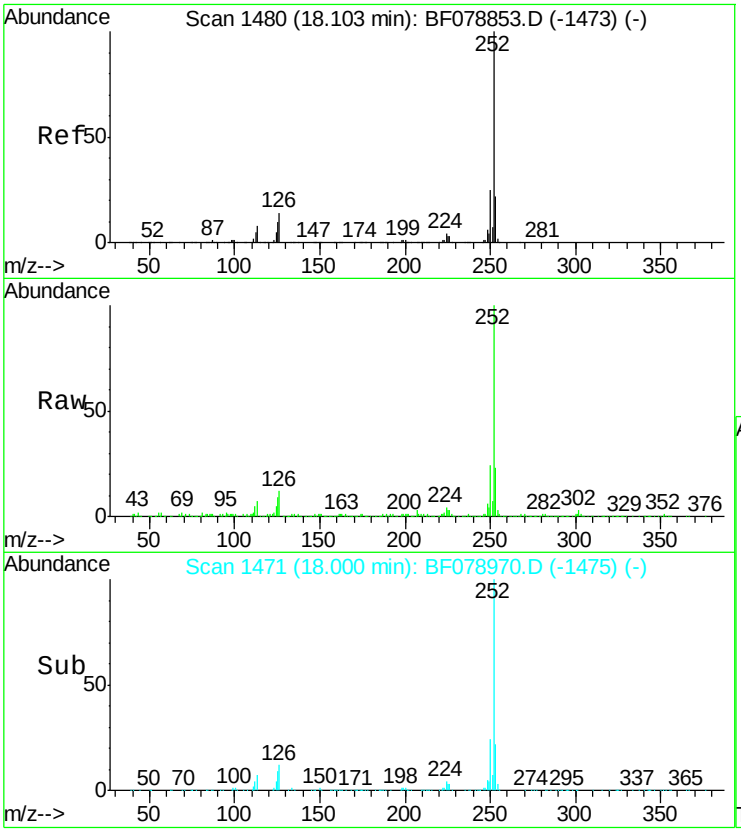


#88
Benzo(k)fluoranthene
Concen: 24.07 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.16 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:252 Resp: 478207

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.1	10.0	15.0



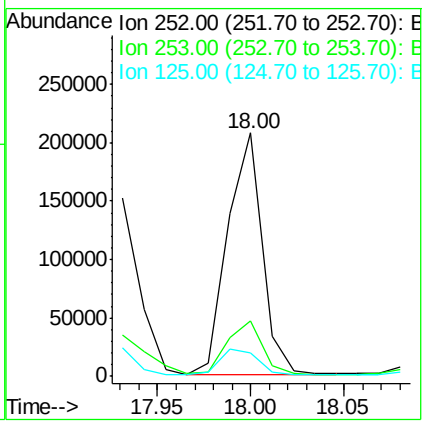


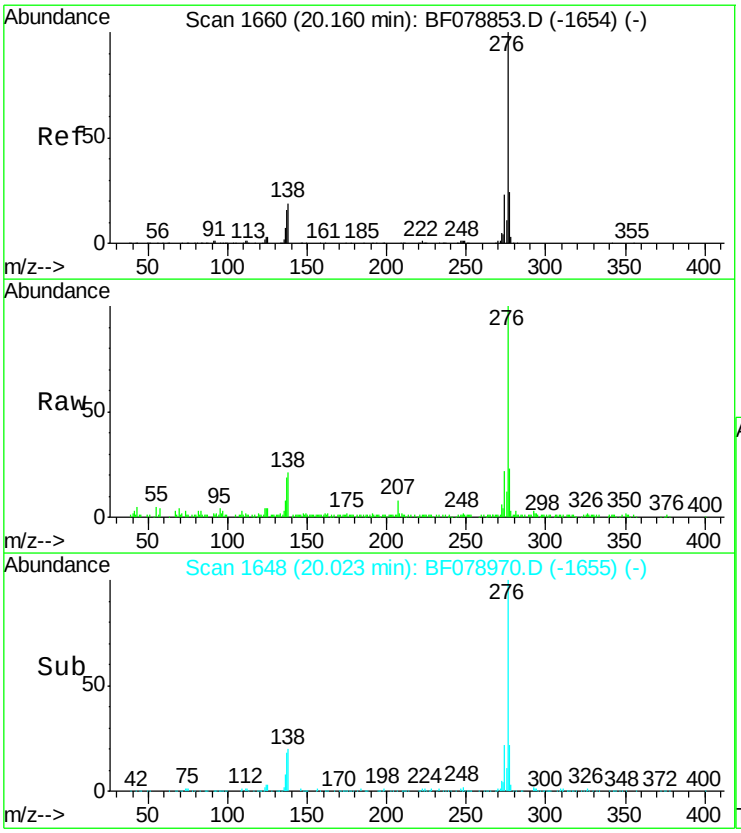
#89
Benzo(a)pyrene
Concen: 14.16 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.15 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-1(0-6)

Tgt Ion:252 Resp: 267560

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.4	7.0	10.6





#91
Benzo(g,h,i)perylene
Concen: 7.76 ng
RT: 20.02 min Scan# 1648
Delta R.T. -0.18 min
Lab File: BF078970.D
Acq: 6 May 2015 19:53

Tgt Ion:276 Resp: 156223

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	21.2	17.4	26.0