Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078582.D
Acq On : 16 Apr 2015 23:09
Operator : TP/IZ
Sample : G1854-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Time: Apr 17 01:25:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 00:52:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	25241	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	114635	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	59448	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	118373	20.00	ng		0.00
75) Chrysene-d12	15.50	240	138613	20.00	ng		0.01
86) Perylene-d12	17.20	264	137210	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	22152	14.47	ng		0.02
7) Phenol-d6	6.31	99	30576	15.94	ng		0.01
23) Nitrobenzene-d5	7.39	82	17572	9.29	ng		0.00
41) 2,4,6-Tribromophenol	11.40	330	7563	15.34	ng		0.01
44) 2-Fluorobiphenyl	9.62	172	41980	10.09	ng		0.00
78) Terphenyl-d14	14.23	244	50837	8.29	ng		0.00
Target Compounds							Qvalue
55) 4-Nitrophenol	10.67	139	841	3.82	ng	#	18
70) Phenanthrene	12.27	178	27710	4.05	ng		99
74) Fluoranthene	13.74	202	58076	8.04	ng		90
77) Pyrene	14.00	202	56266	6.47	ng	#	93
80) Benzo(a)anthracene	15.49	228	40202	4.87	ng		96
82) Chrysene	15.52	228	27996	3.61	ng		97
85) Indeno(1,2,3-cd)pyrene	18.40	276	33692	3.83	ng	#	95
87) Benzo(b)fluoranthene	16.77	252	67570	7.97	ng	#	94
88) Benzo(k)fluoranthene	16.77	252	68067	9.03	ng		99
89) Benzo(a)pyrene	17.14	252	38499	5.20	ng		94
91) Benzo(g,h,i)perylene	18.73	276	29590	3.98	ng		96

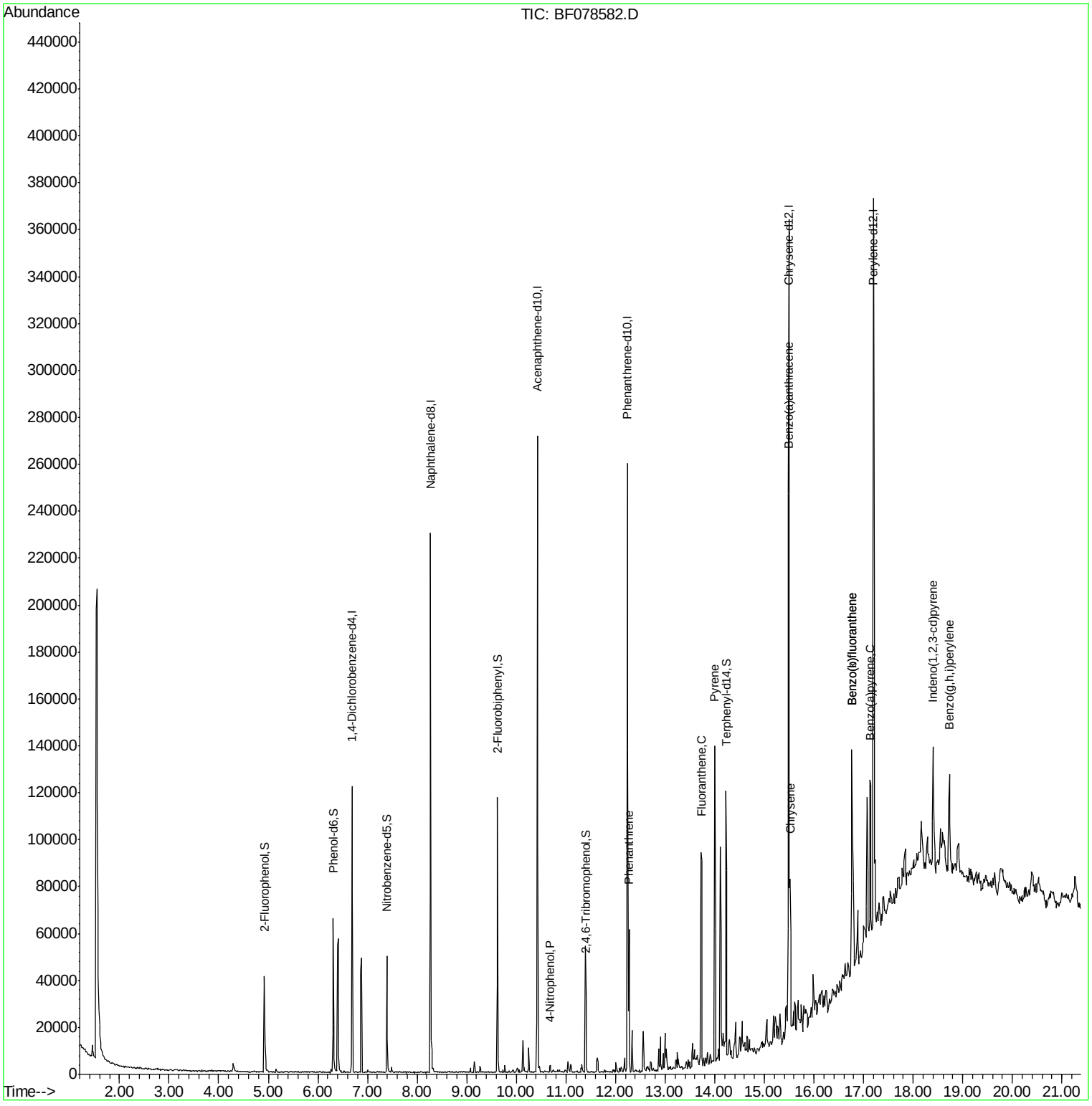
(#) = qualifier out of range (m) = manual integration (+) = signals summed

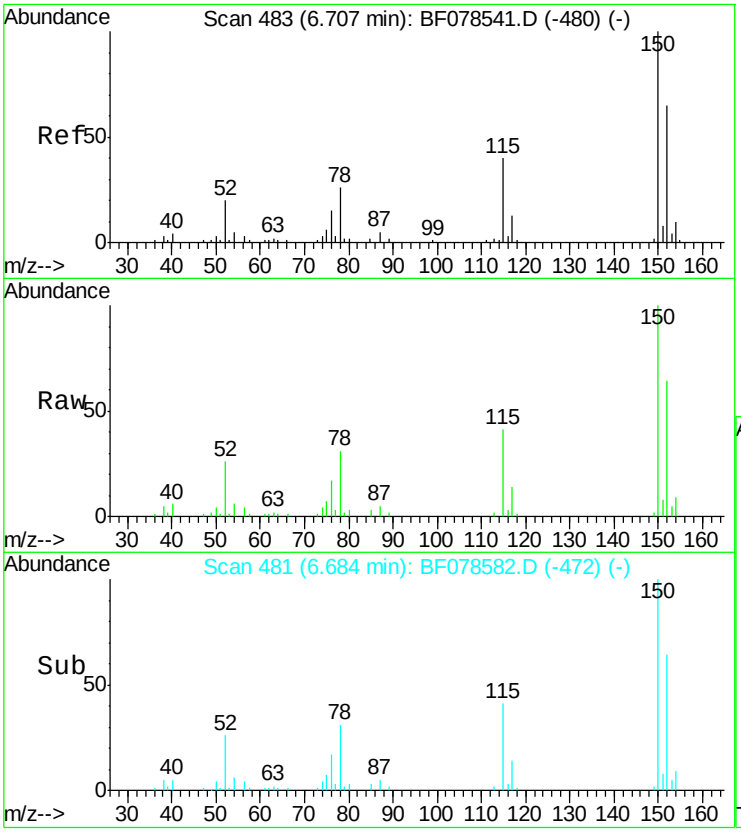
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078582.D
Acq On : 16 Apr 2015 23:09
Operator : TP/IZ
Sample : G1854-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Quant Time: Apr 17 01:25:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 00:52:22 2015
Response via : Initial Calibration



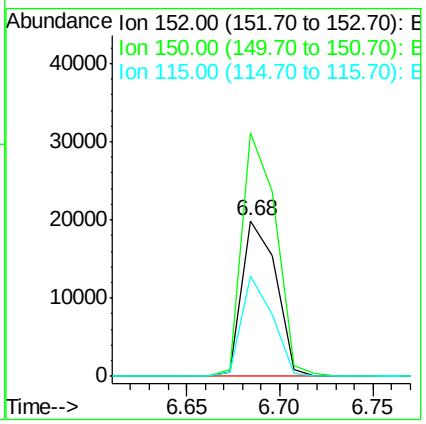


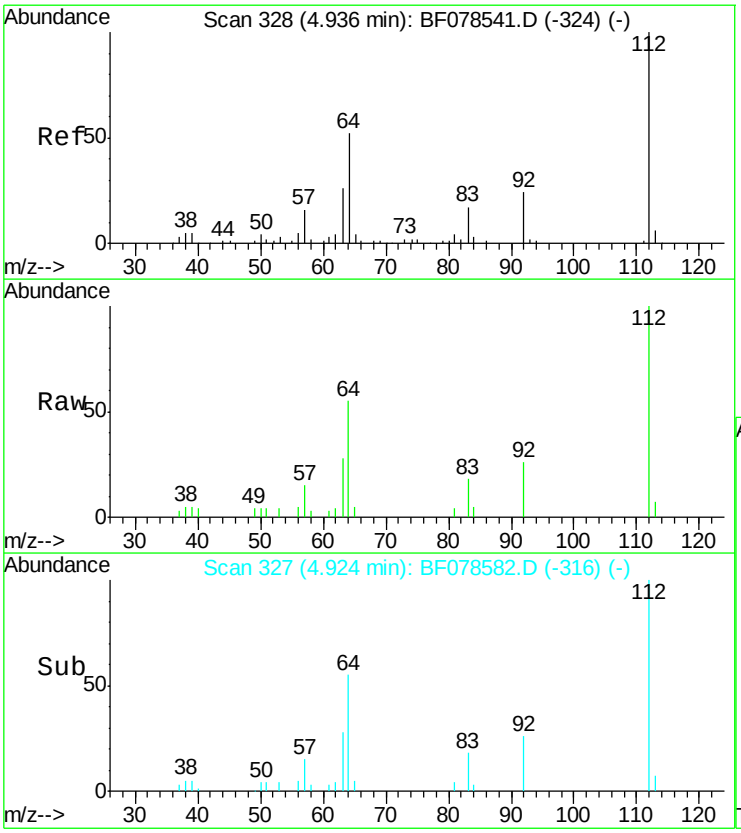
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:152 Resp: 25241

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.9	188.9
115	64.6	52.7	79.1

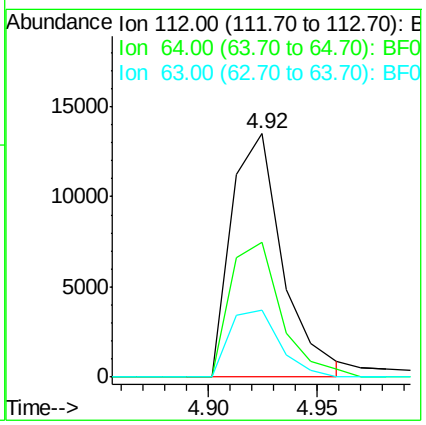


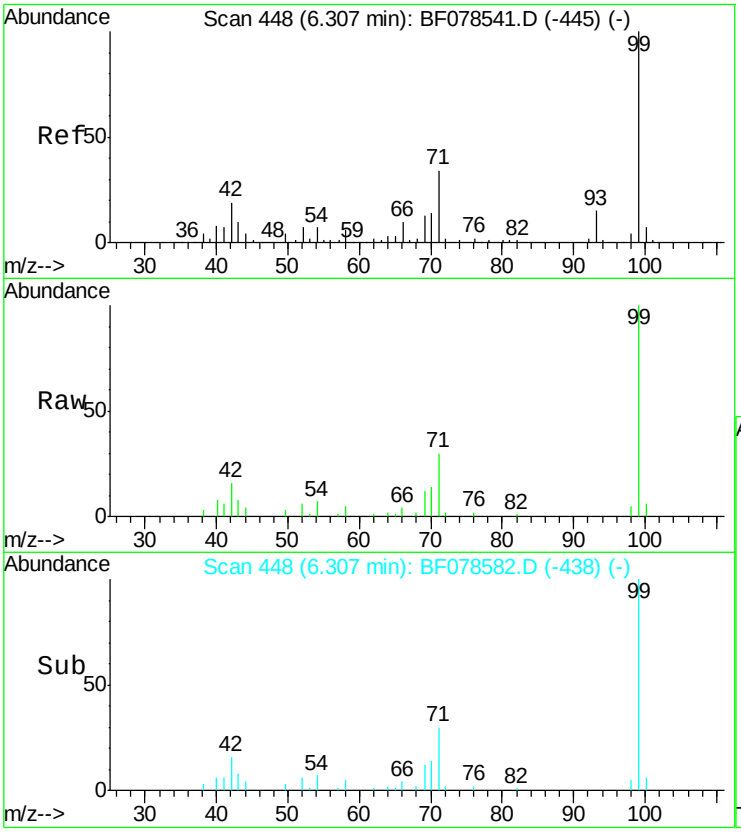


#5
2-Fluorophenol
Concen: 14.47 ng
RT: 4.92 min Scan# 327
Delta R.T. 0.02 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:112 Resp: 22152

Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.9	59.9
63	27.6	20.2	30.4



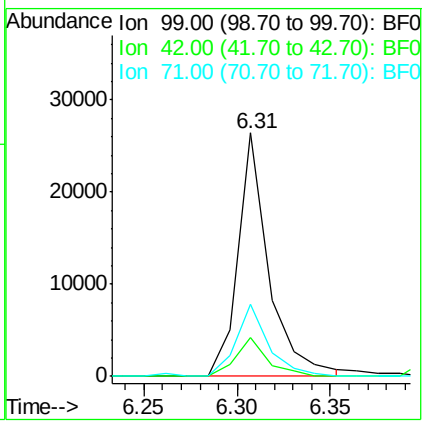


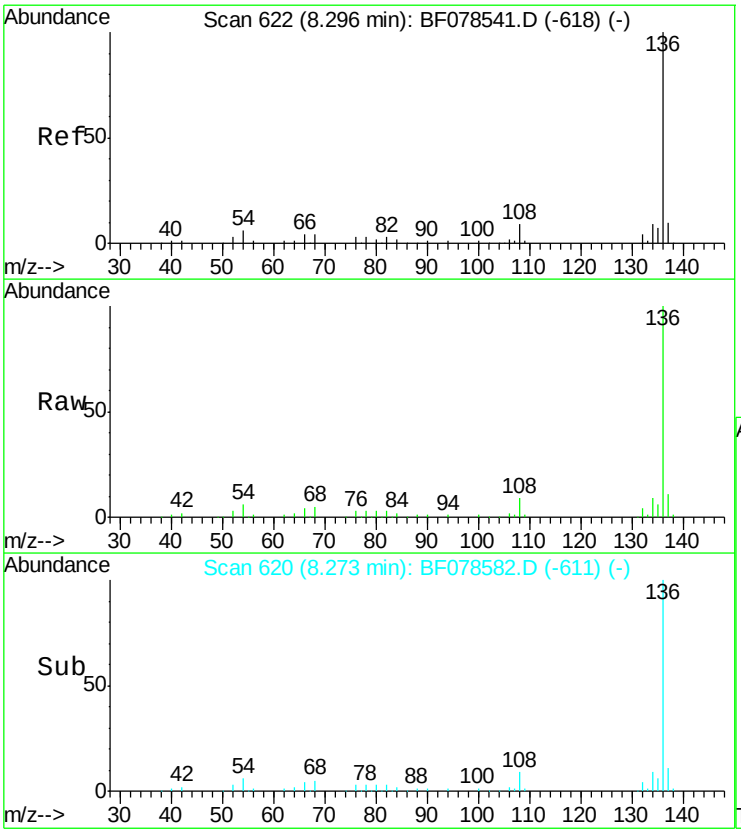
#7
Phenol-d6
Concen: 15.94 ng
RT: 6.31 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion: 99 Resp: 30576

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.8	22.2
71	29.5	26.6	39.8

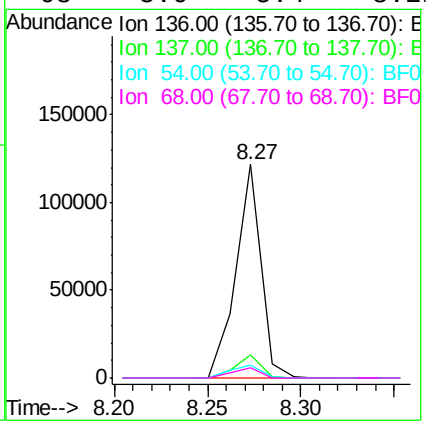


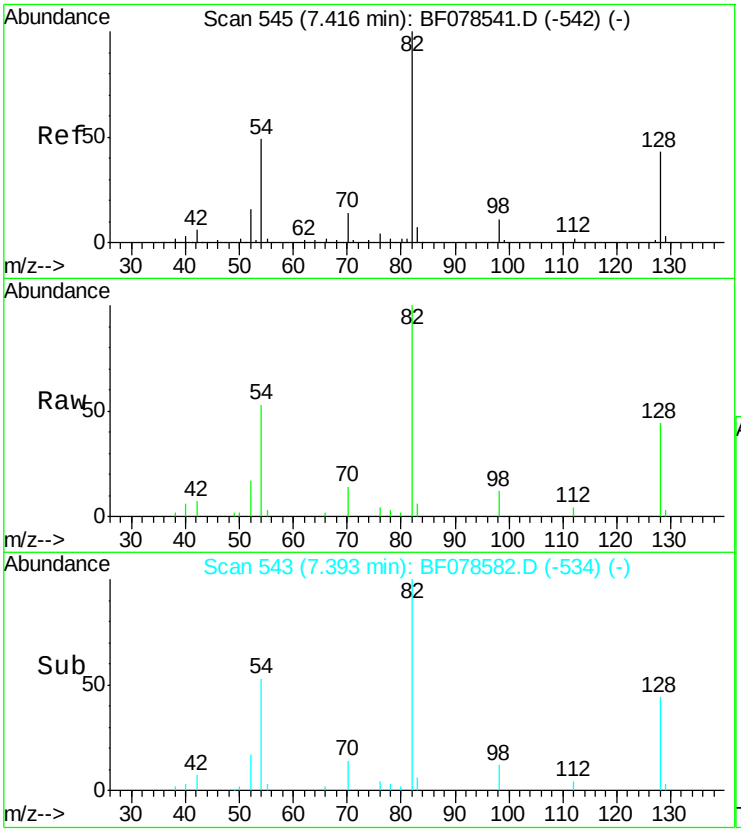


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:136 Resp: 114635

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.2	7.0	10.6#
68	5.0	5.4	8.2#



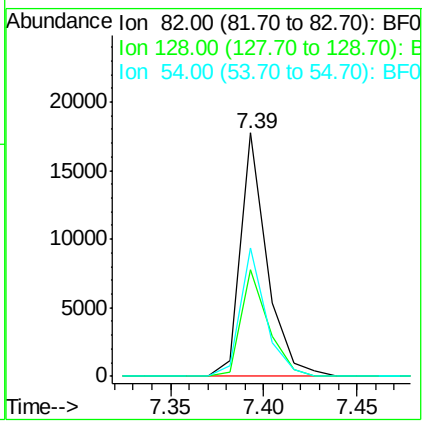


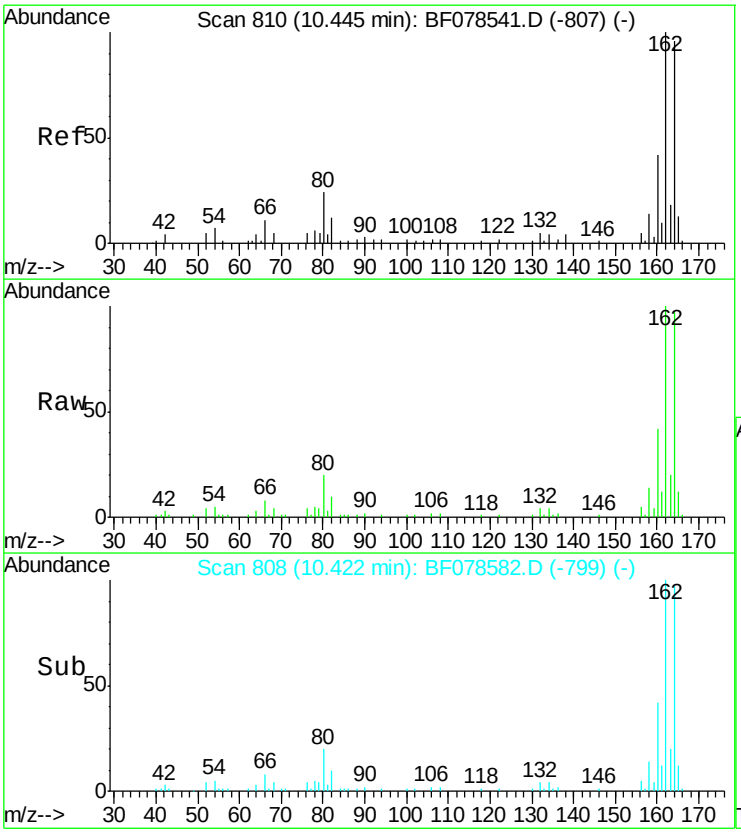
#23
Nitrobenzene-d5
Concen: 9.29 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion: 82 Resp: 17572

Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.8	47.8
54	53.0	41.5	62.3

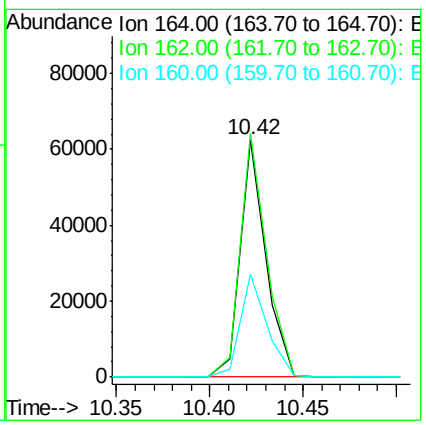


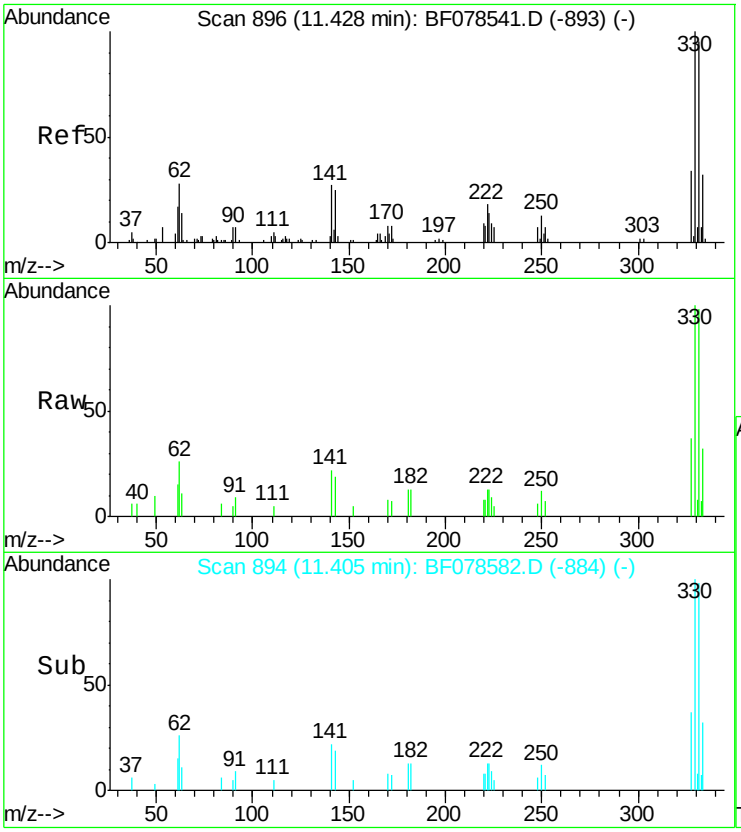


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:164 Resp: 59448

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.2
160	43.3	34.7	52.1



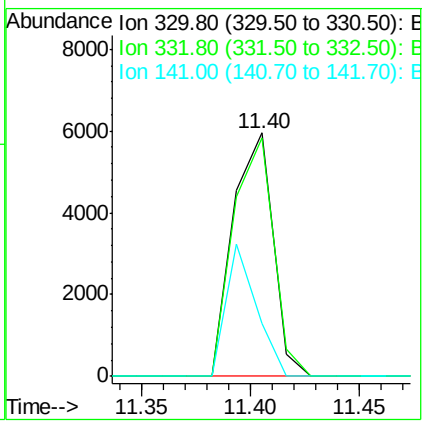


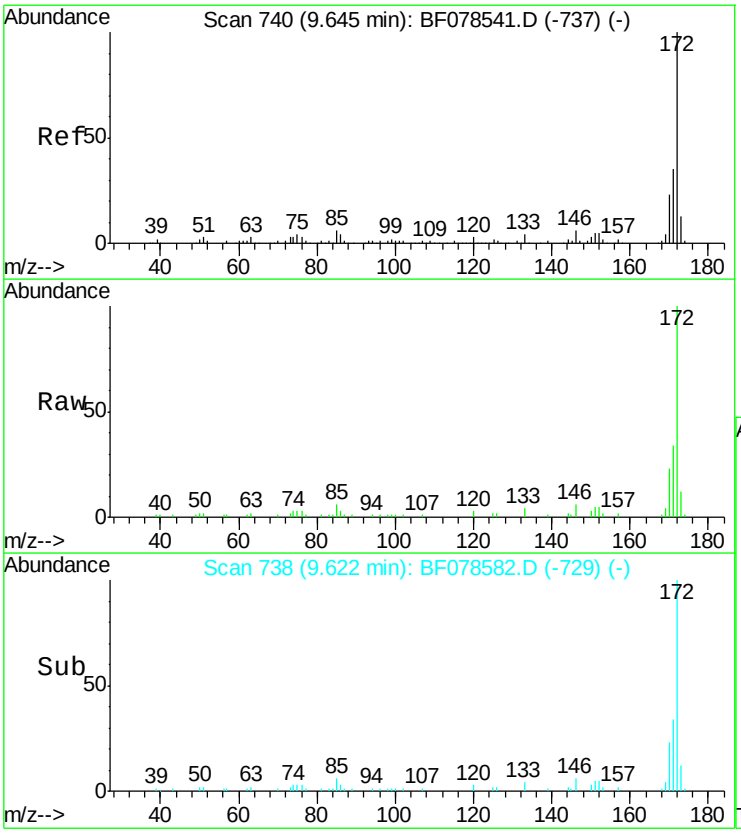
#41
2,4,6-Tribromophenol
Concen: 15.34 ng
RT: 11.40 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:330 Resp: 7563

Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.6	117.8
141	41.1	31.2	46.8

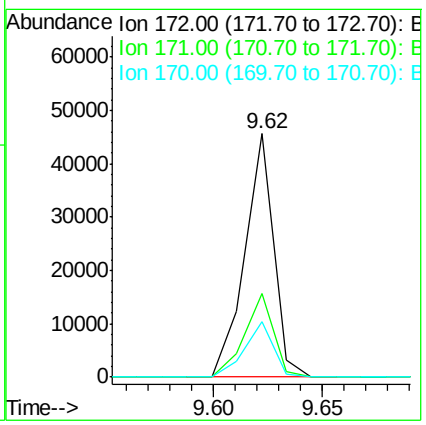


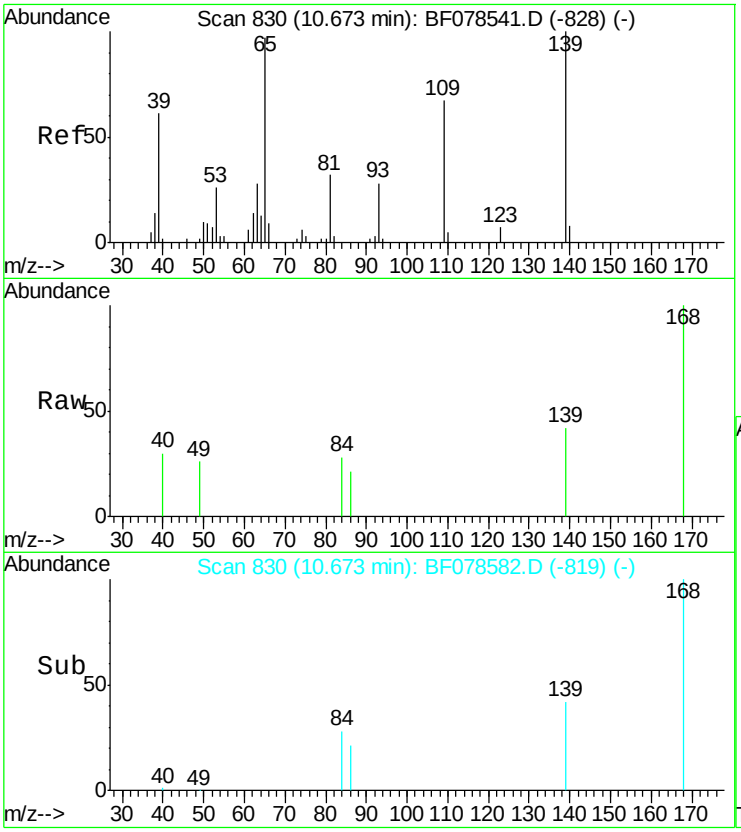


#44
2-Fluorobiphenyl
Concen: 10.09 ng
RT: 9.62 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:172 Resp: 41980

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	22.9	18.5	27.7



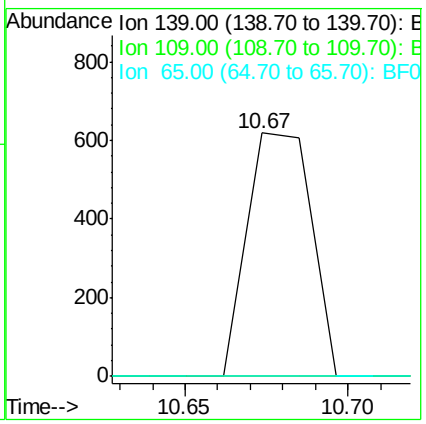


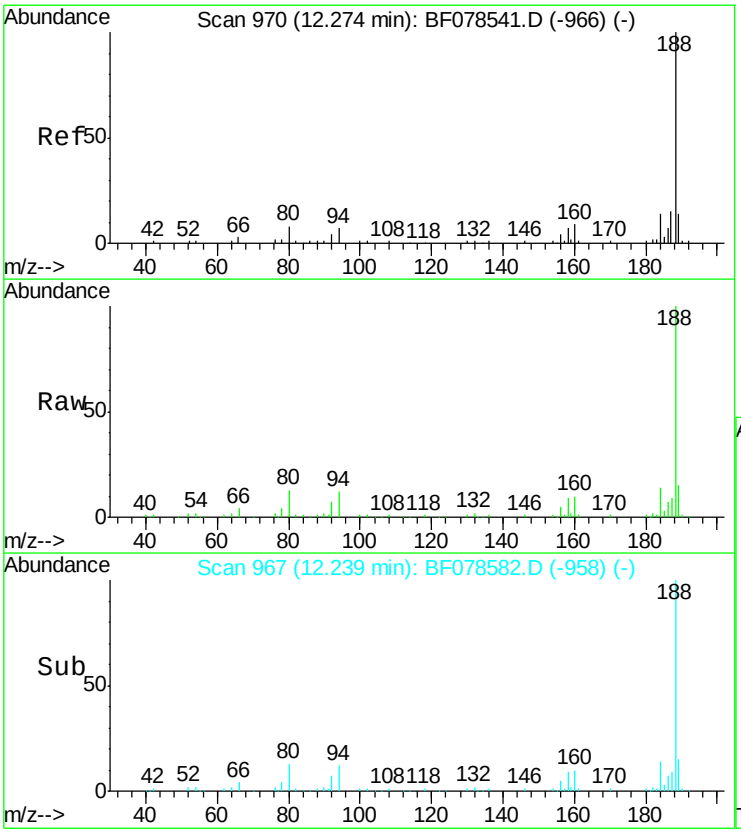
#55
4-Nitrophenol
Concen: 3.82 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:139 Resp: 841

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#

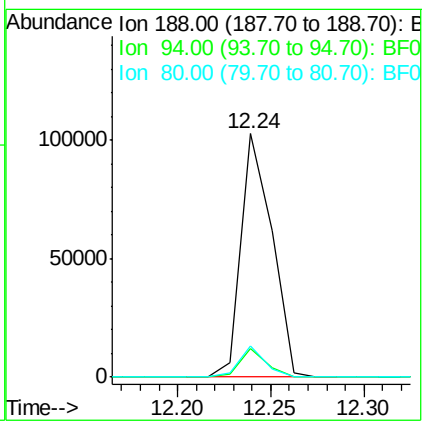


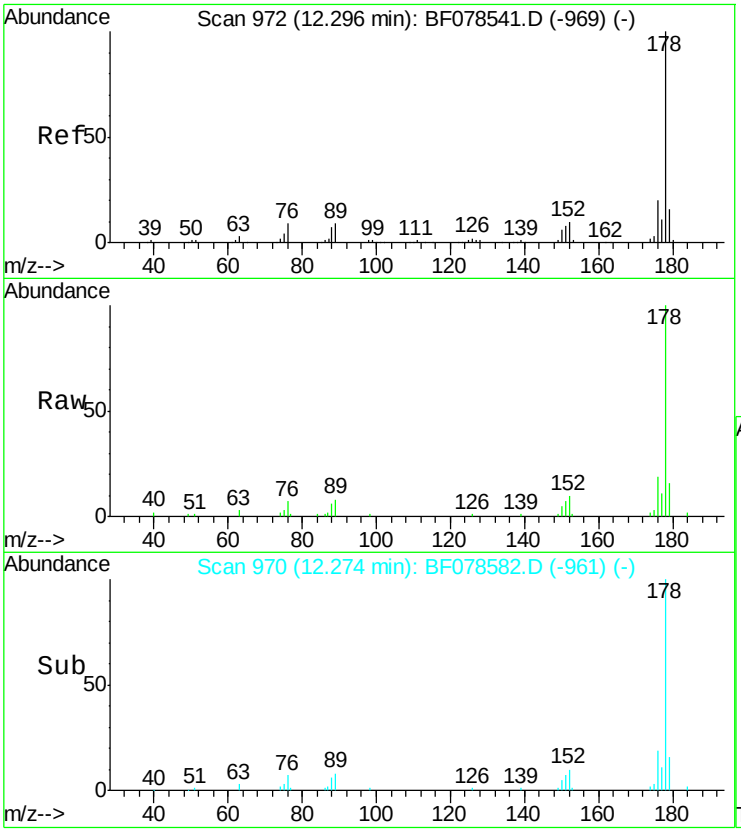


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:188 Resp: 118373

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.0	13.4
80	12.6	9.5	14.3



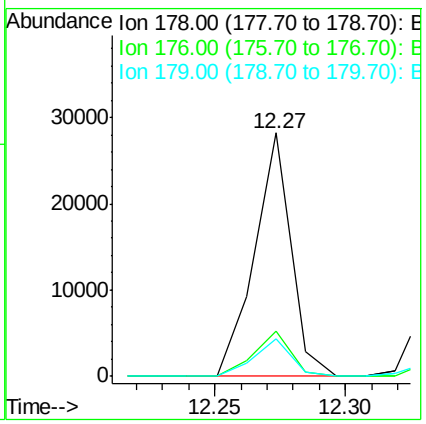


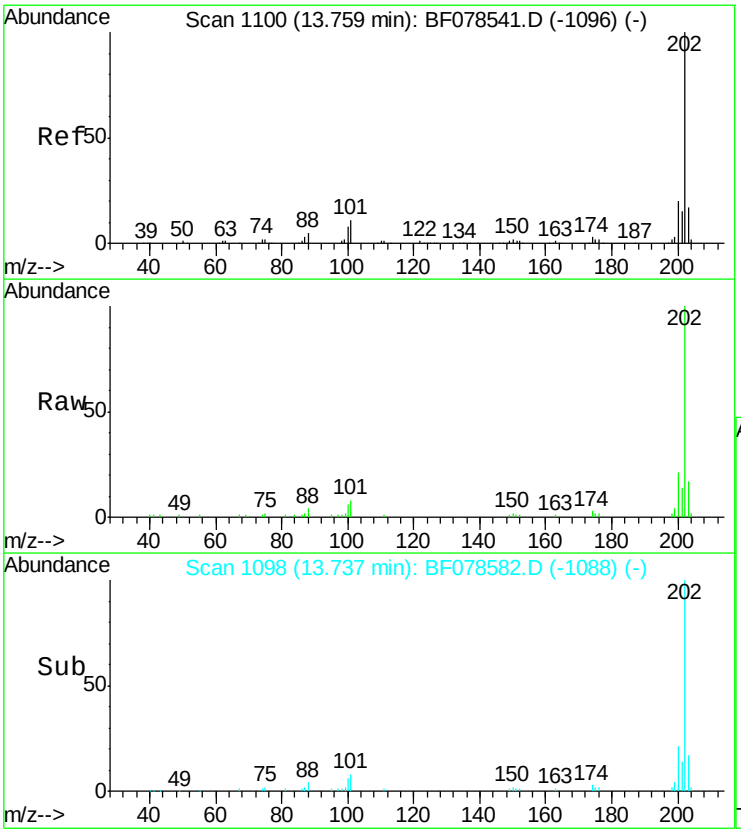
#70
Phenanthrene
Concen: 4.05 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:178 Resp: 27710

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.6	12.2	18.2

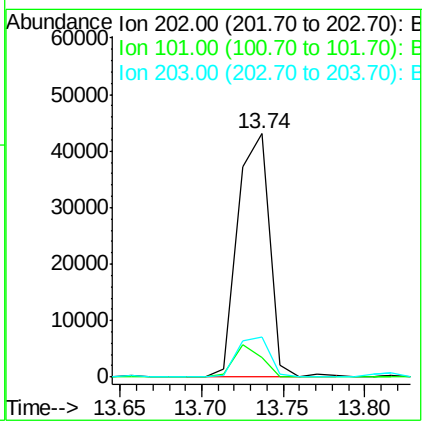


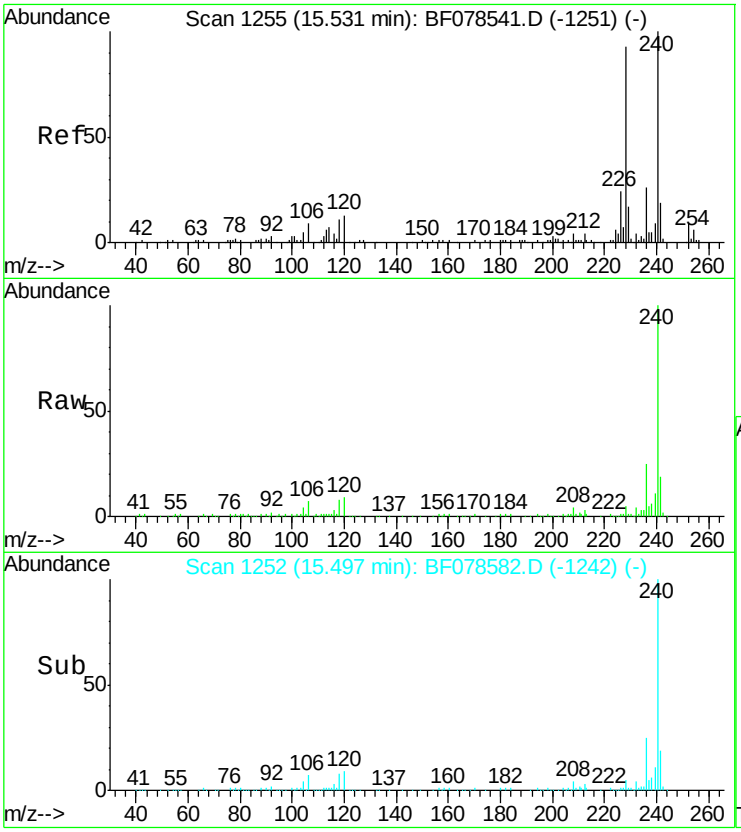


#74
Fluoranthene
Concen: 8.04 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:202 Resp: 58076

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	35.2
203	16.6	0.0	38.5



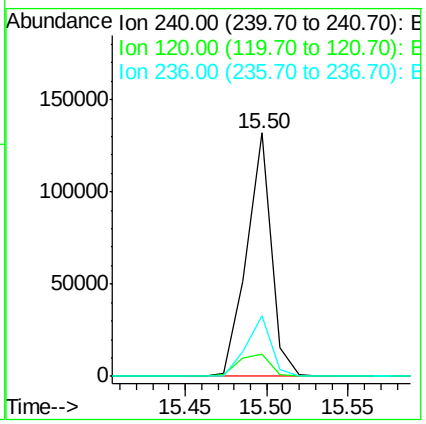


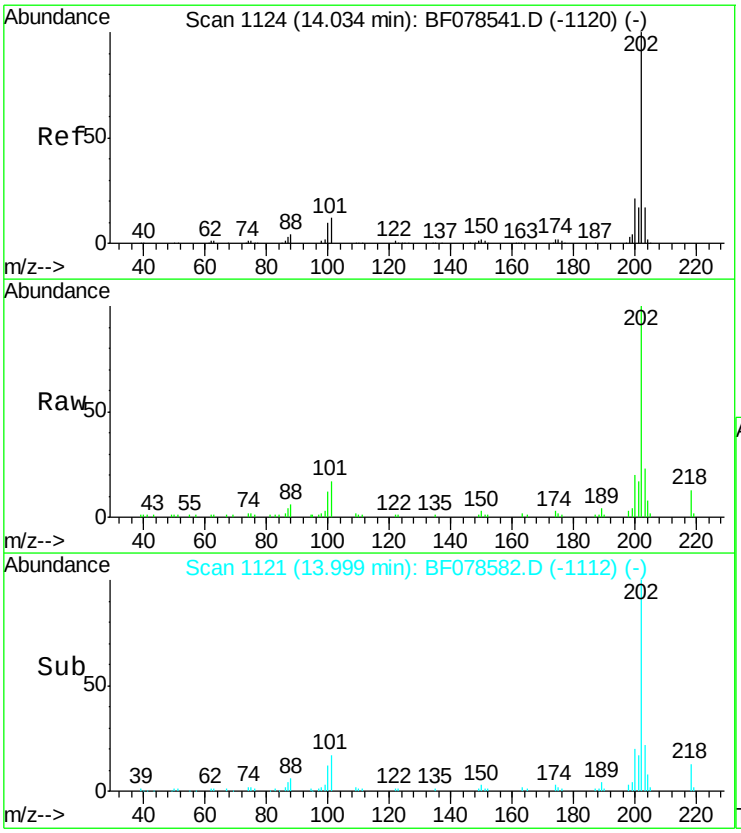
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:240 Resp: 138613

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.1	10.7
236	24.8	21.4	32.2

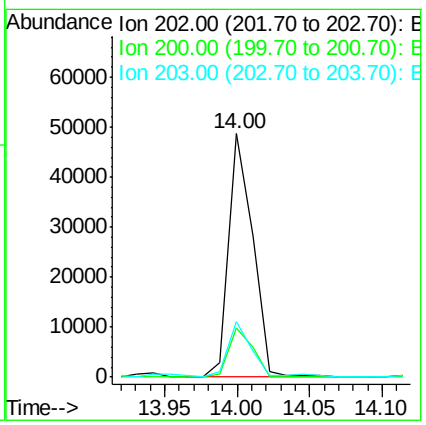


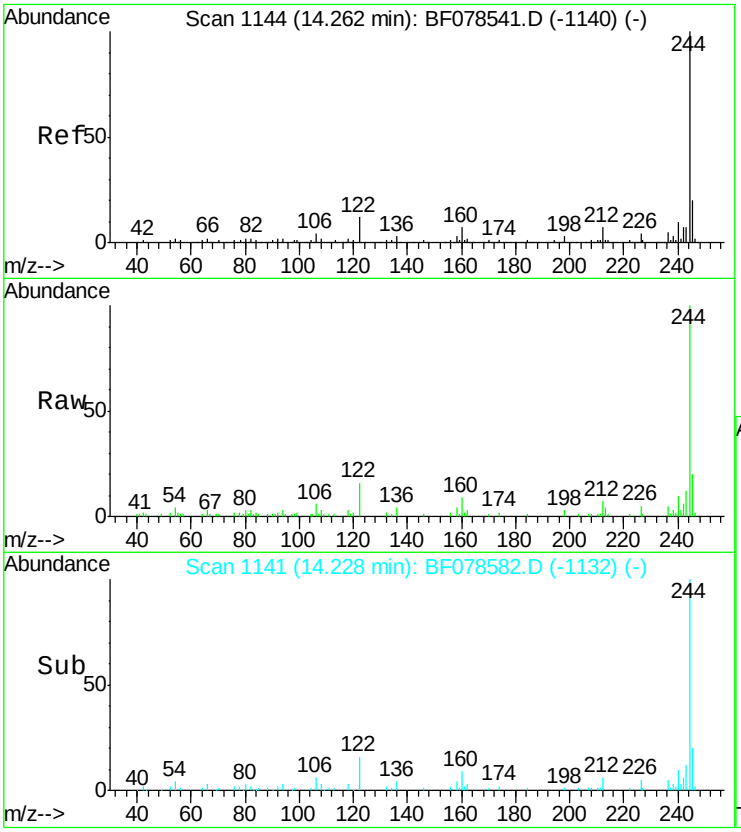


#77
Pyrene
Concen: 6.47 ng
RT: 14.00 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:202 Resp: 56266

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.3	24.5
203	23.0	13.8	20.6#



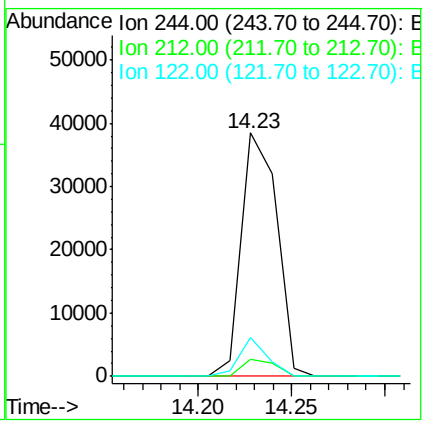


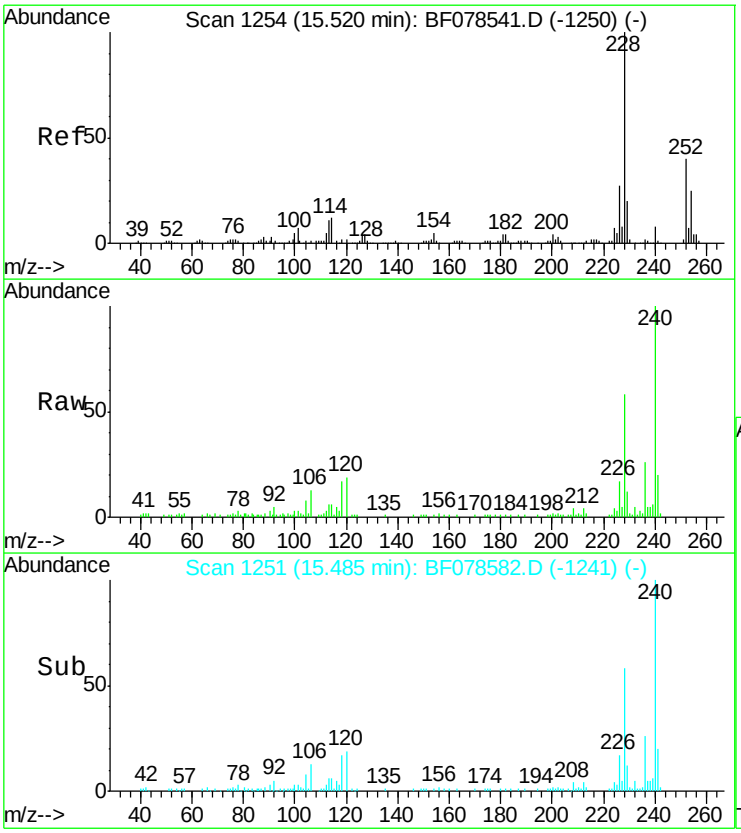
#78
Terphenyl-d14
Concen: 8.29 ng
RT: 14.23 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:244 Resp: 50837

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	16.1	7.1	10.7#

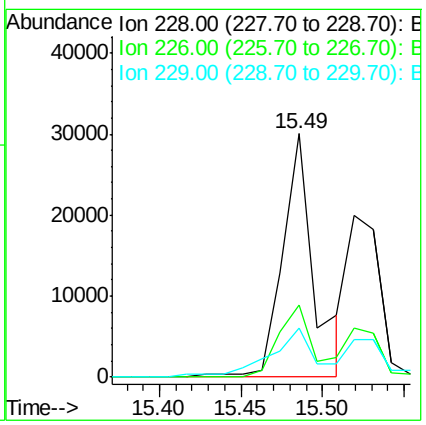


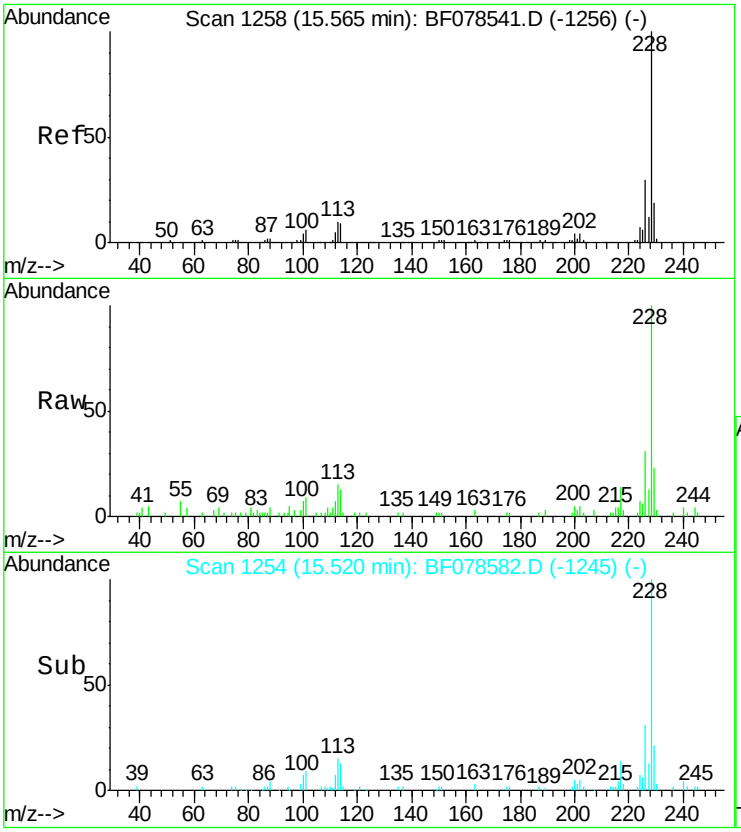


#80
Benzo(a)anthracene
Concen: 4.87 ng
RT: 15.49 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:228 Resp: 40202

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.3	31.9
229	20.0	15.4	23.2



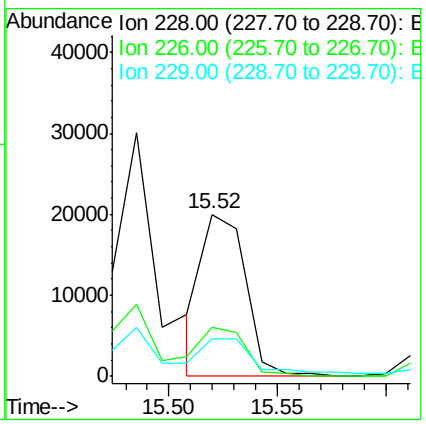


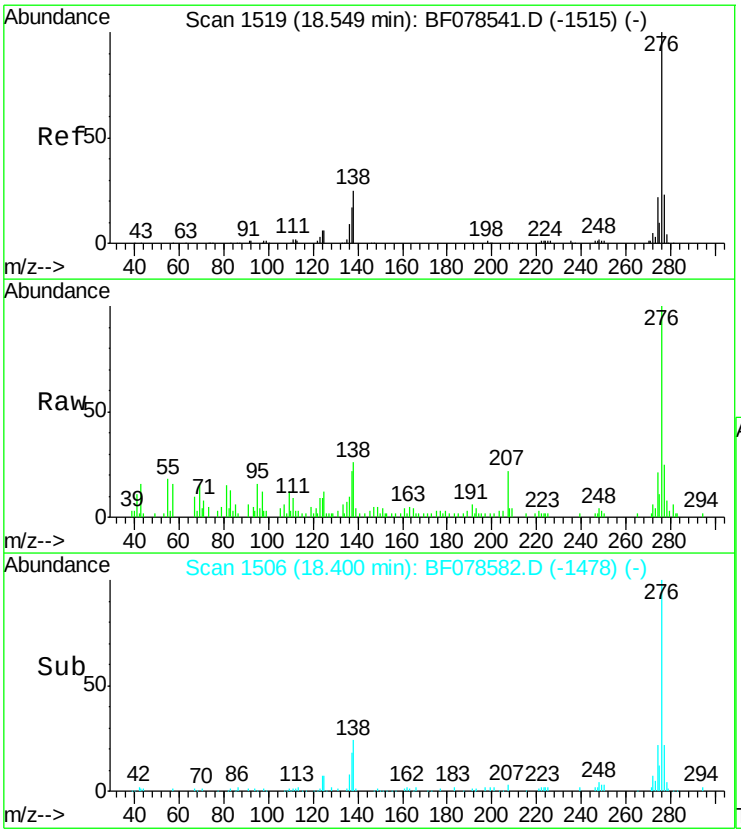
#82
Chrysene
Concen: 3.61 ng
RT: 15.52 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:228 Resp: 27996

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	23.0	15.8	23.8

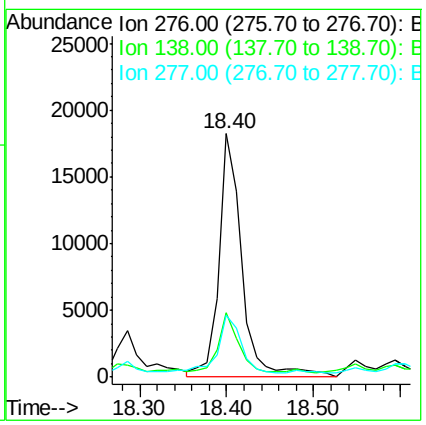


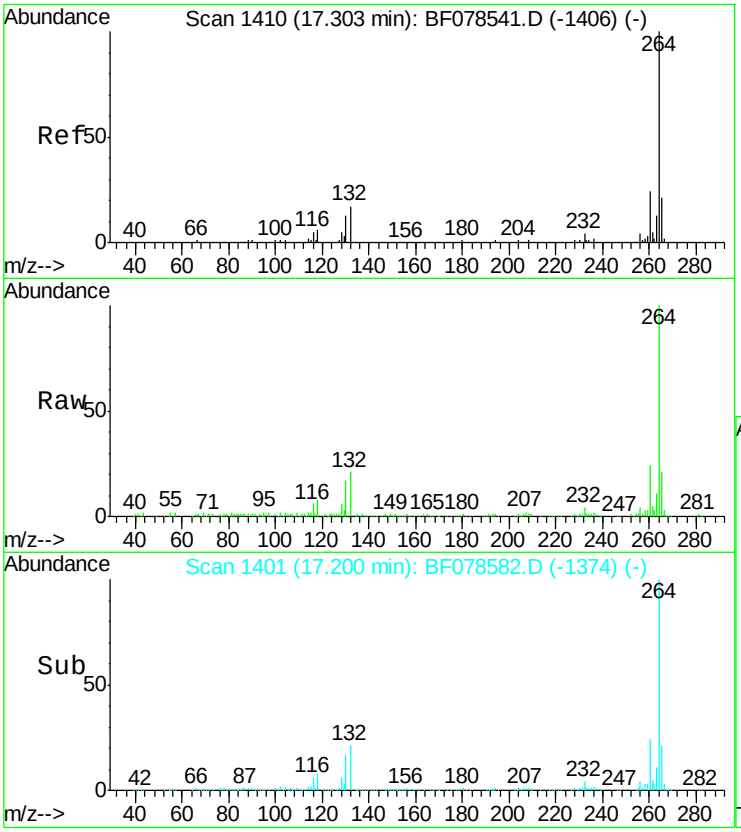


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.83 ng
RT: 18.40 min Scan# 1506
Delta R.T. 0.02 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:276 Resp: 33692

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.9	25.3
277	23.8	15.8	23.6#



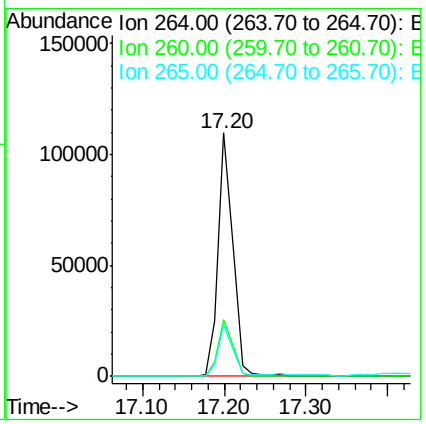


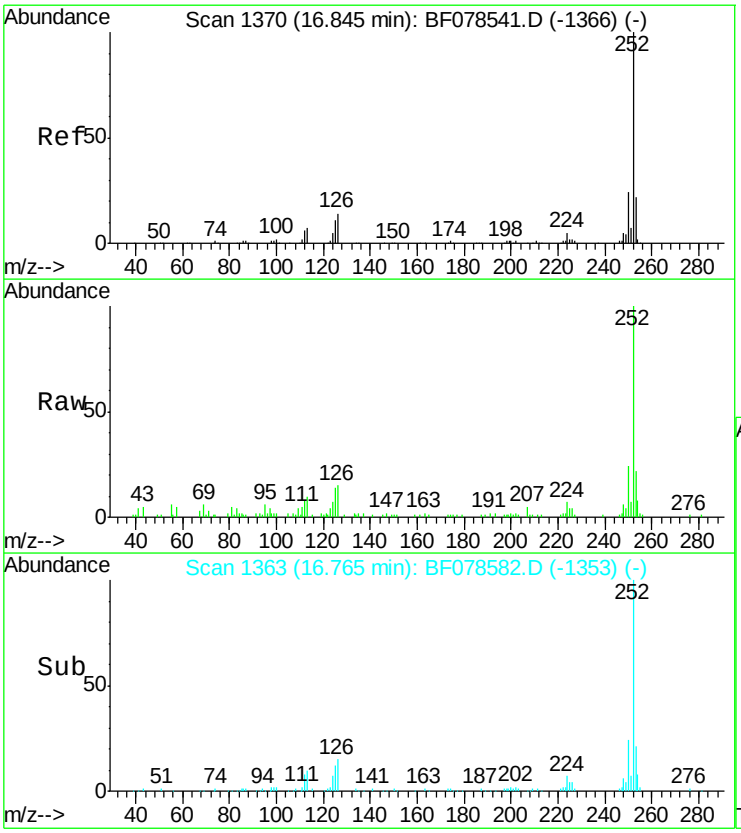
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.20 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:264 Resp: 137210

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.4	17.0	25.6

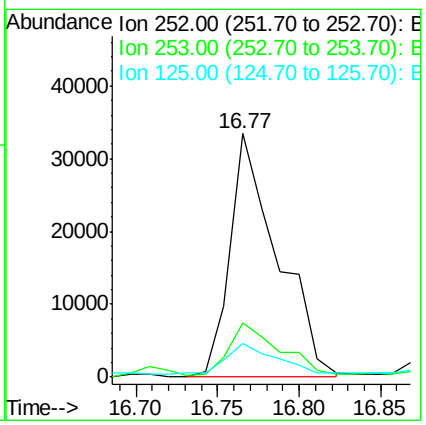


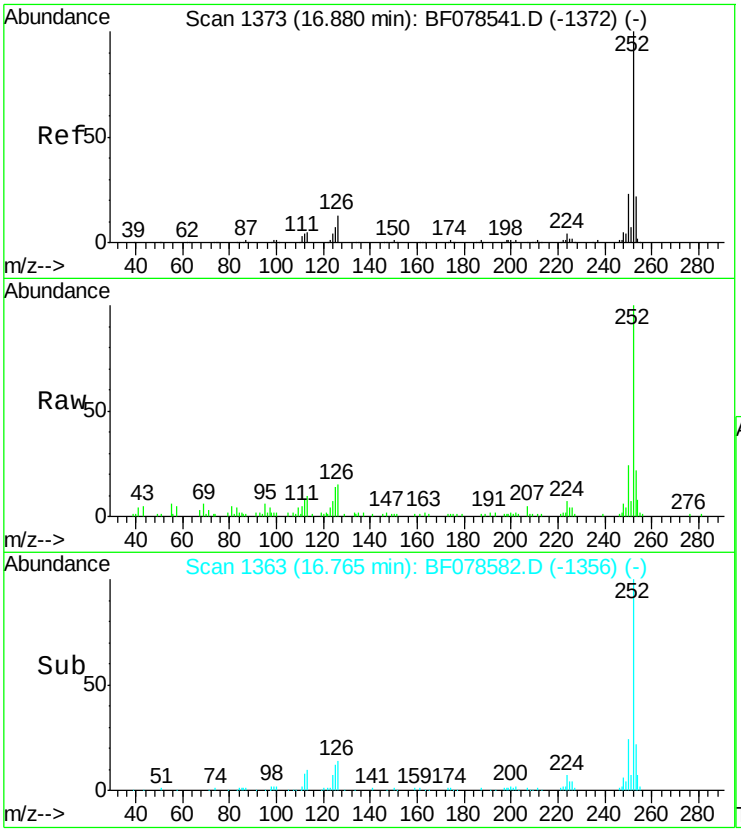


#87
Benzo(b)fluoranthene
Concen: 7.97 ng
RT: 16.77 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:252 Resp: 67570

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	14.1	7.0	10.4#



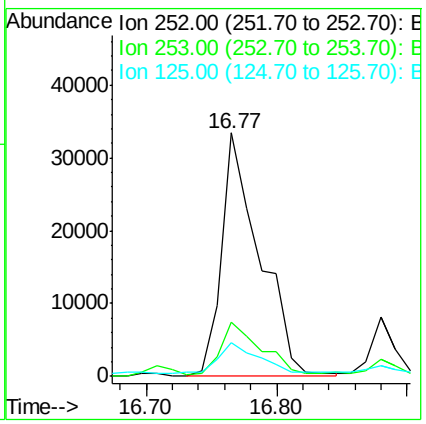


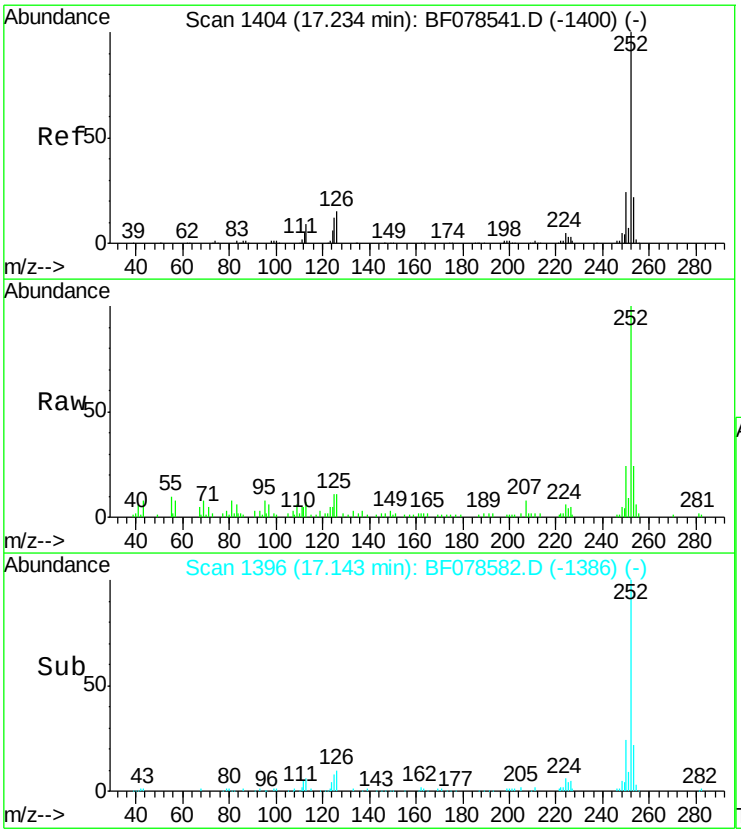
#88
Benzo(k)fluoranthene
Concen: 9.03 ng
RT: 16.77 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:252 Resp: 68067

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.1	11.6	17.4

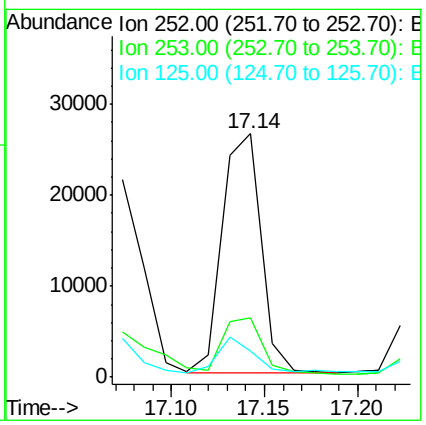


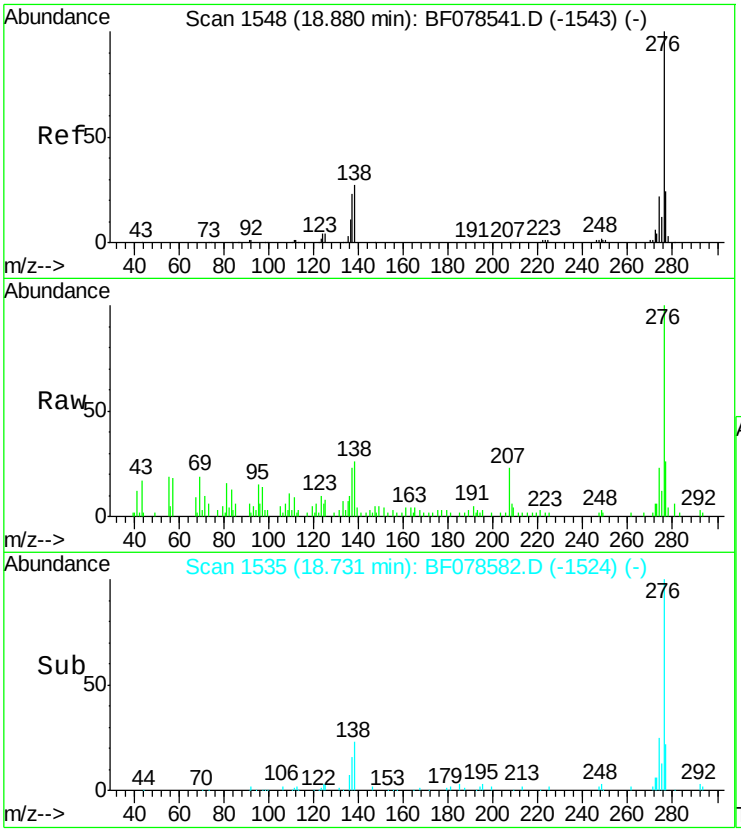


#89
Benzo(a)pyrene
Concen: 5.20 ng
RT: 17.14 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Tgt Ion:252 Resp: 38499

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.8	25.2
125	10.8	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 3.98 ng
RT: 18.73 min Scan# 1535
Delta R.T. 0.02 min
Lab File: BF078582.D
Acq: 16 Apr 2015 23:09

Instrument :
BNA_F
ClientSampleId :
LS-SB102

Tgt Ion:276 Resp: 29590

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.0	28.4
138	26.0	19.9	29.9