Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB12A(6-12)

Quant Time: Apr 17 10:47:24 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	24179	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	99943	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	52789	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	100971	20.00	ng		0.00
75) Chrysene-d12	15.52	240	92938	20.00	ng		0.03
86) Perylene-d12	17.23	264	91914	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	122304	83.40	ng		0.01
7) Phenol-d6	6.31	99	160622	87.40	ng		0.01
23) Nitrobenzene-d5	7.39	82	96267	58.38	ng		0.00
41) 2,4,6-Tribromophenol	11.40	330	41232	94.18	ng		0.01
44) 2-Fluorobiphenyl	9.62	172	205062	55.53	ng		0.00
78) Terphenyl-d14	14.24	244	210847	51.26	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	10.14	163	21087	5.32	ng	#	98
70) Phenanthrene	12.27	178	28623	4.90	ng		95
71) Anthracene	12.33	178	25539m	4.44	ng		
74) Fluoranthene	13.74	202	201589	32.73	ng		96
77) Pyrene	14.01	202	175026	30.00	ng	#	94
80) Benzo(a)anthracene	15.51	228	66123	11.96	ng	#	91
82) Chrysene	15.54	228	60626m	11.67	ng		
85) Indeno(1,2,3-cd)pyrene	18.45	276	29847	5.06	ng	#	85
87) Benzo(b)fluoranthene	16.80	252	70818m	12.47	ng		
88) Benzo(k)fluoranthene	16.82	252	13333m	2.64	ng		
91) Benzo(g,h,i)perylene	18.78	276	28659	5.76	ng	#	79

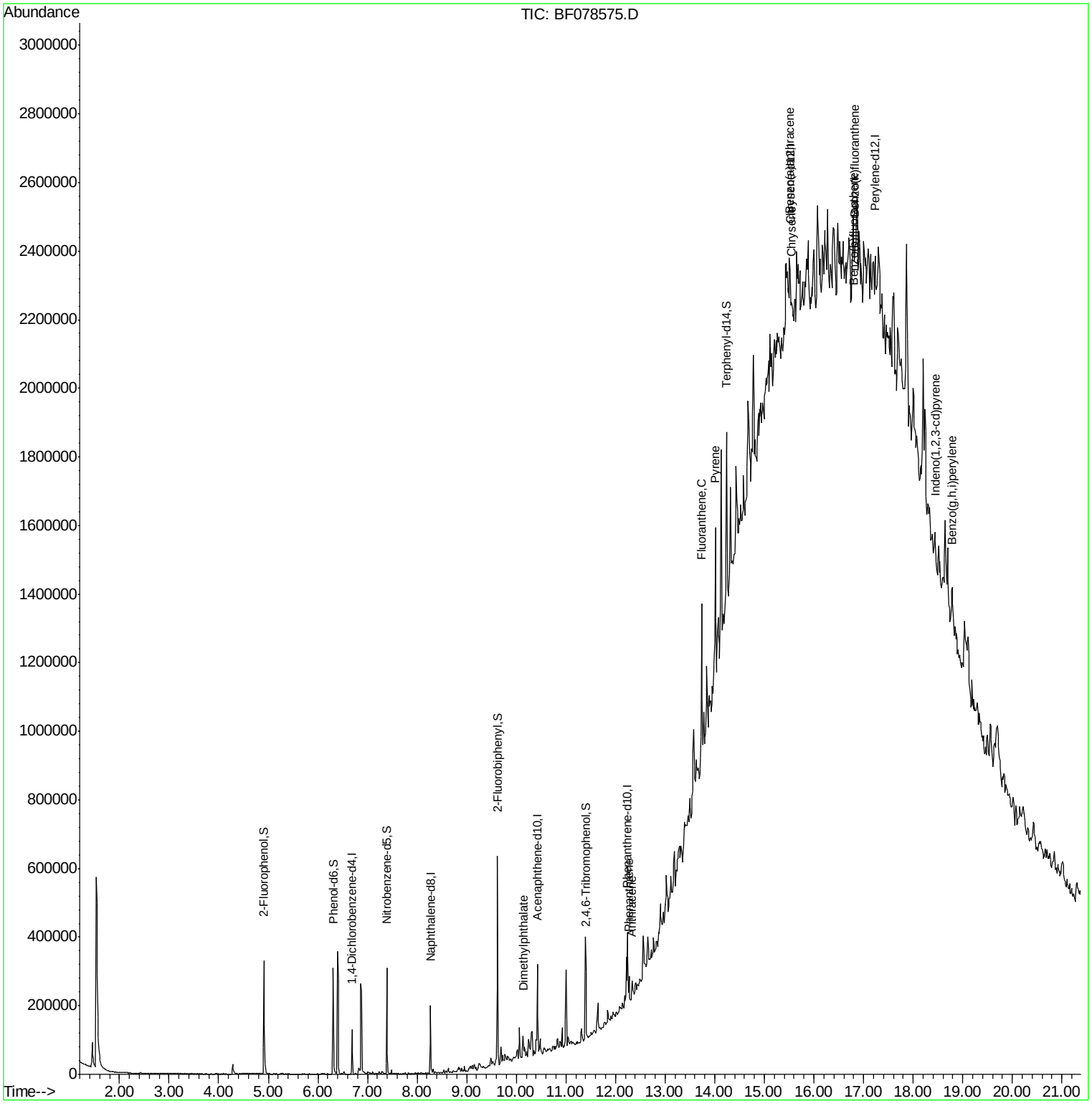
(#) = qualifier out of range (m) = manual integration (+) = signals summed

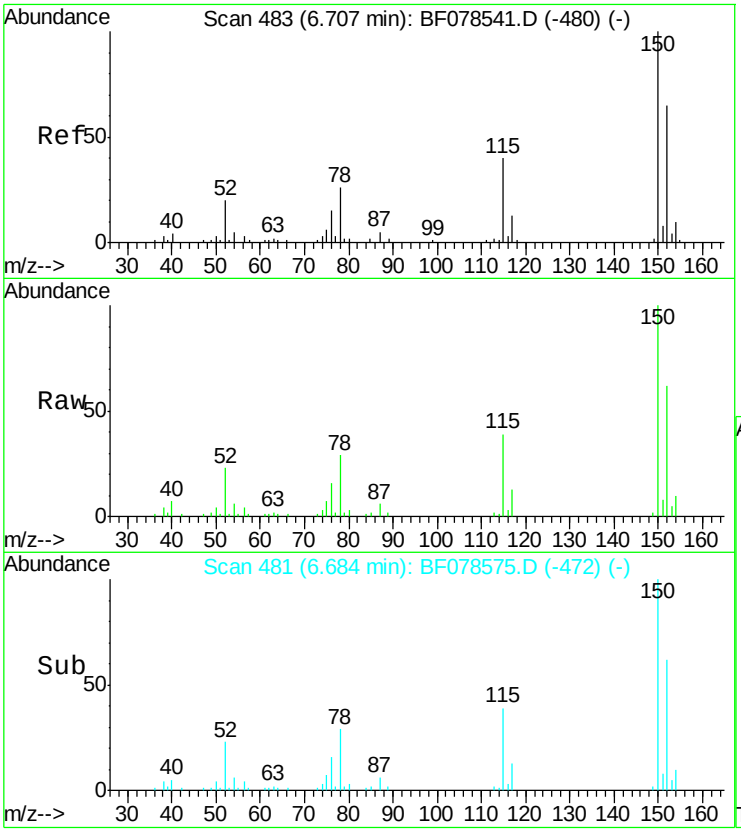
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078575.D
Acq On : 16 Apr 2015 19:49
Operator : TP/IZ
Sample : G1855-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Quant Time: Apr 17 10:47:24 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



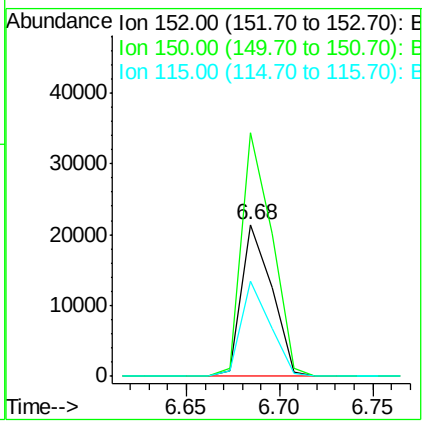


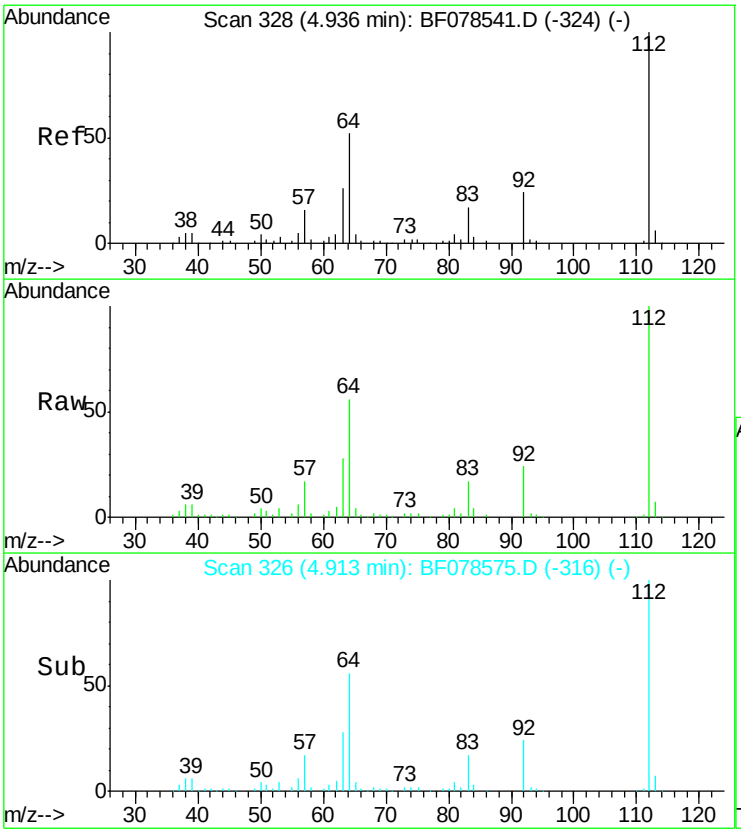
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:152 Resp: 24179

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.9	188.9
115	62.6	52.7	79.1

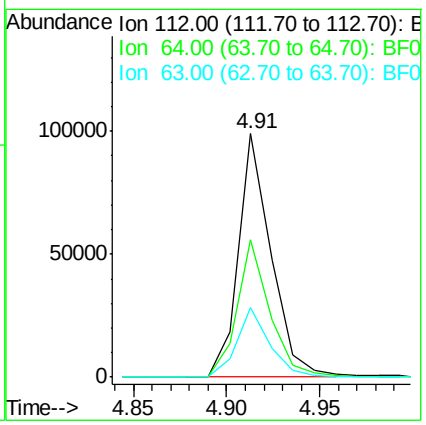


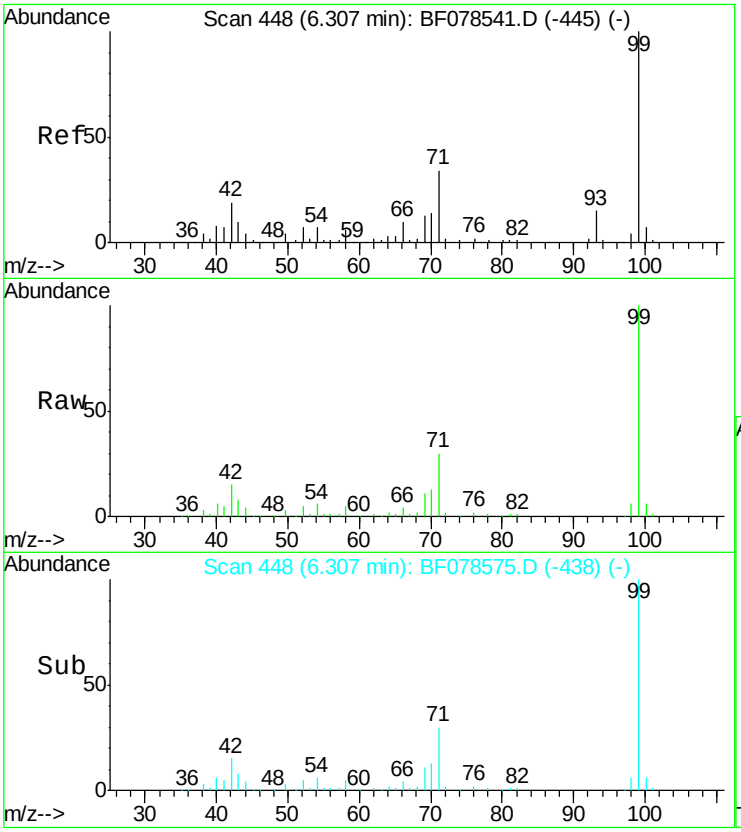


#5
2-Fluorophenol
Concen: 83.40 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:112 Resp: 122304

Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.9	59.9
63	28.4	20.2	30.4



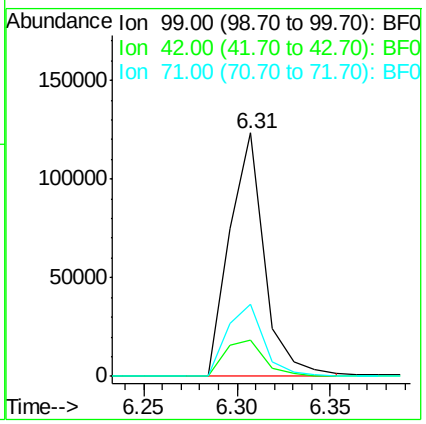


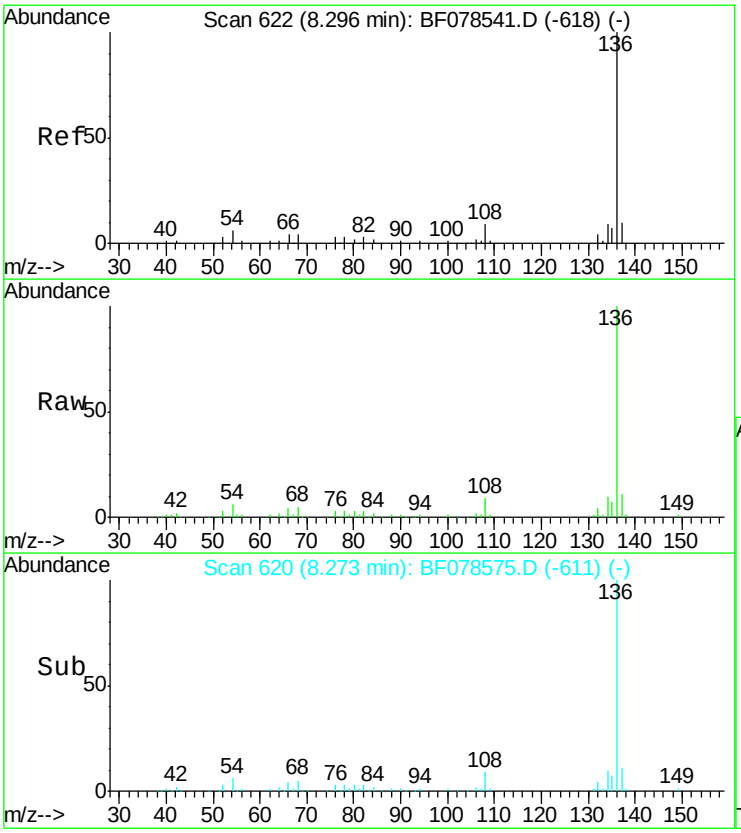
#7
Phenol-d6
Concen: 87.40 ng
RT: 6.31 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion: 99 Resp: 160622

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.8	22.2
71	29.8	26.6	39.8

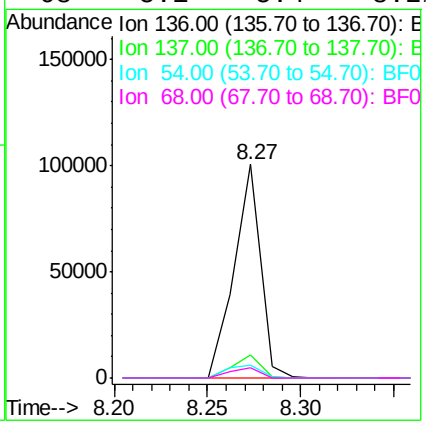


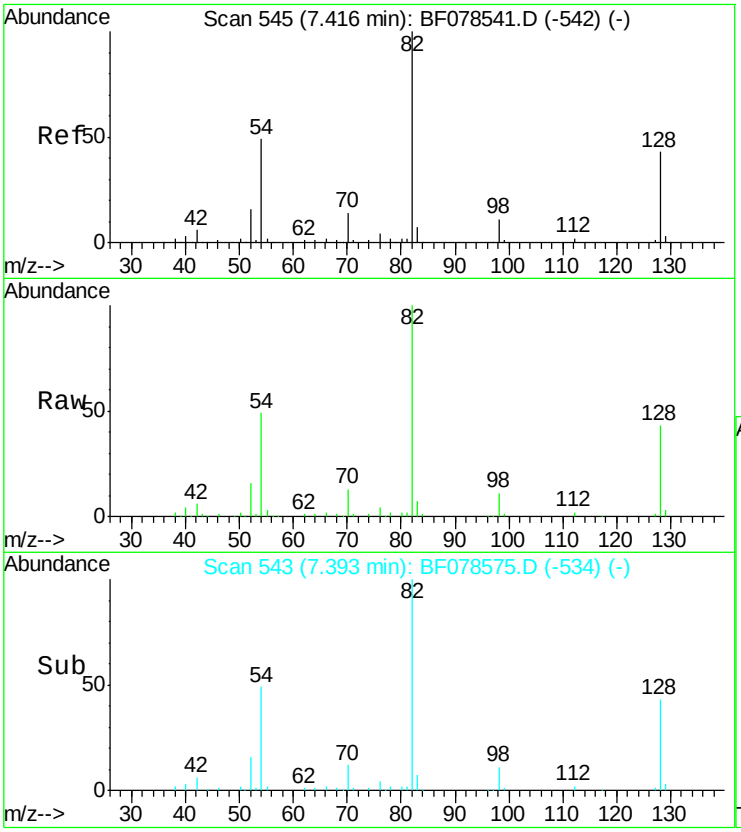


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:136 Resp: 99943

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.2	7.0	10.6#
68	5.1	5.4	8.2#



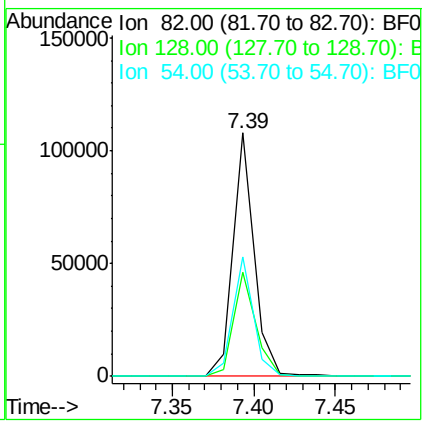


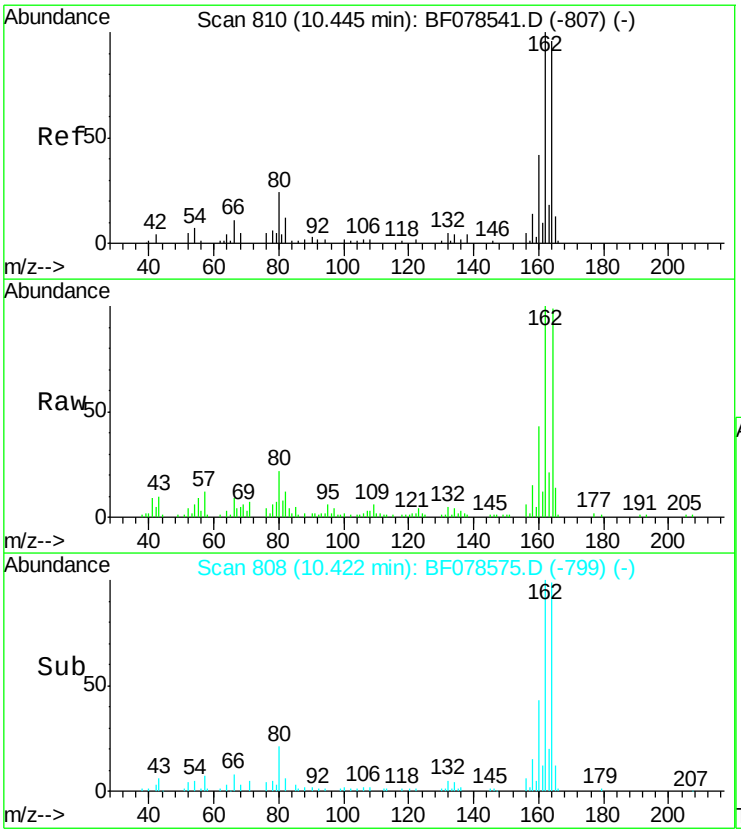
#23
Nitrobenzene-d5
Concen: 58.38 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion: 82 Resp: 96267

Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.8	47.8
54	49.0	41.5	62.3

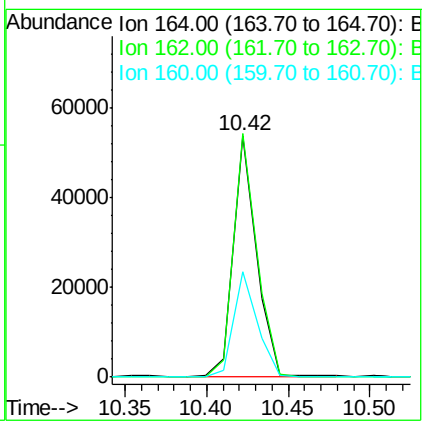


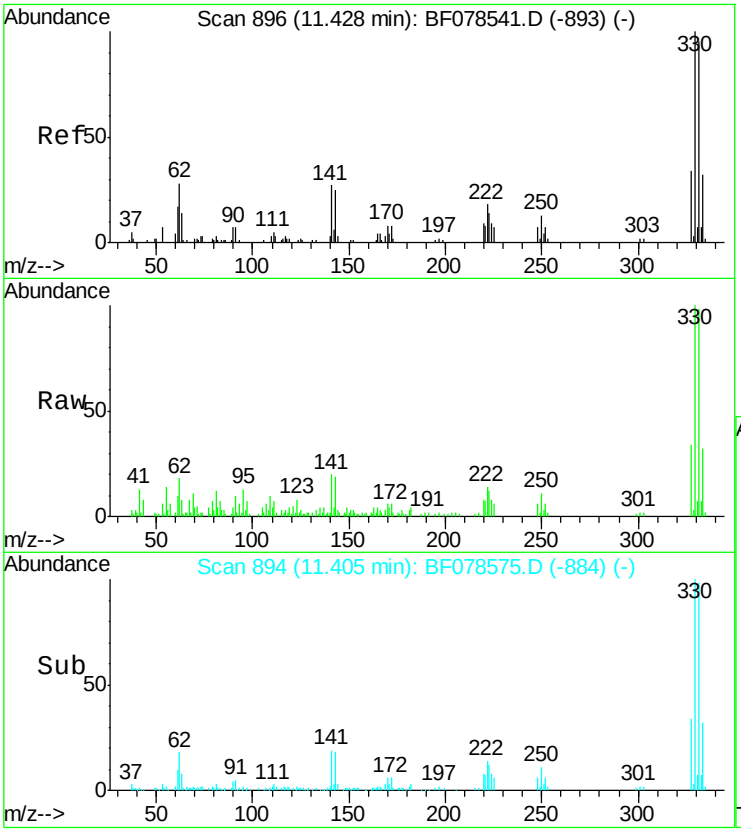


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:164 Resp: 52789

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	43.6	34.7	52.1



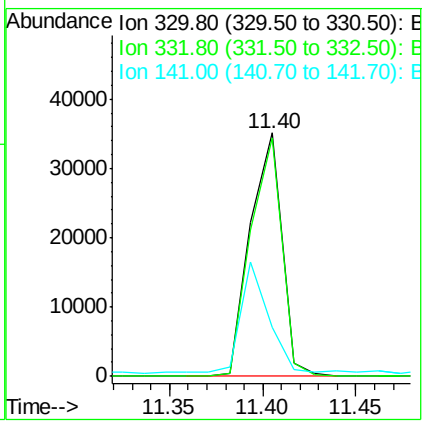


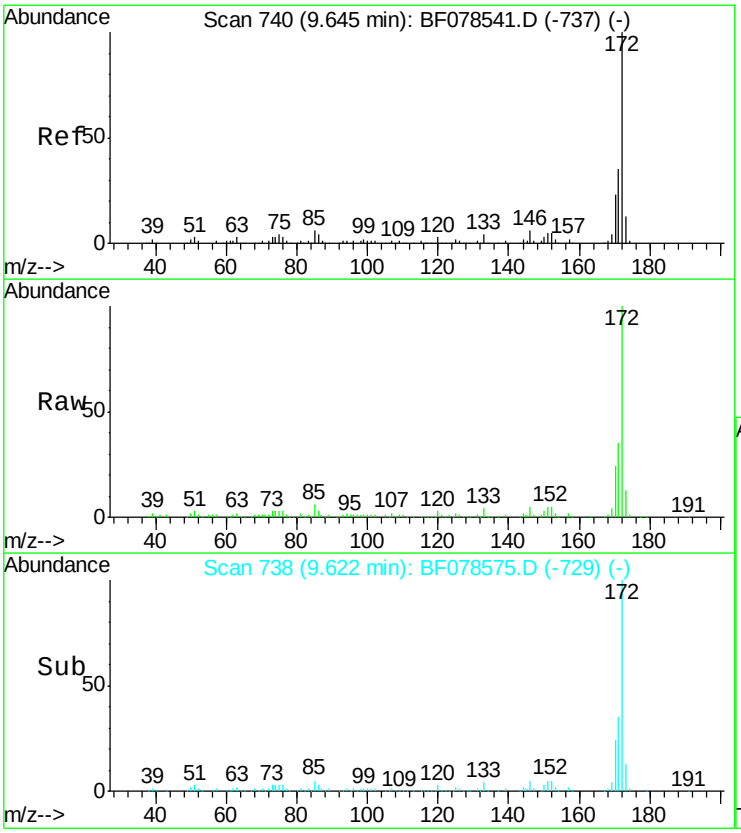
#41
2,4,6-Tribromophenol
Concen: 94.18 ng
RT: 11.40 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:330 Resp: 41232

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	40.1	31.2	46.8

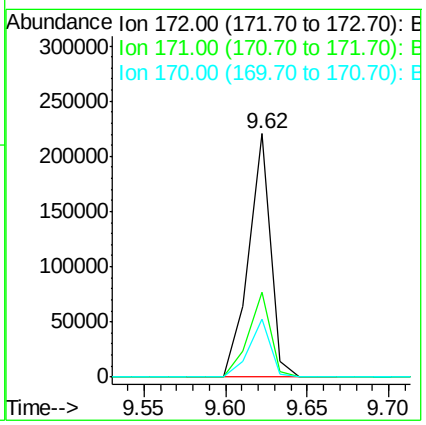


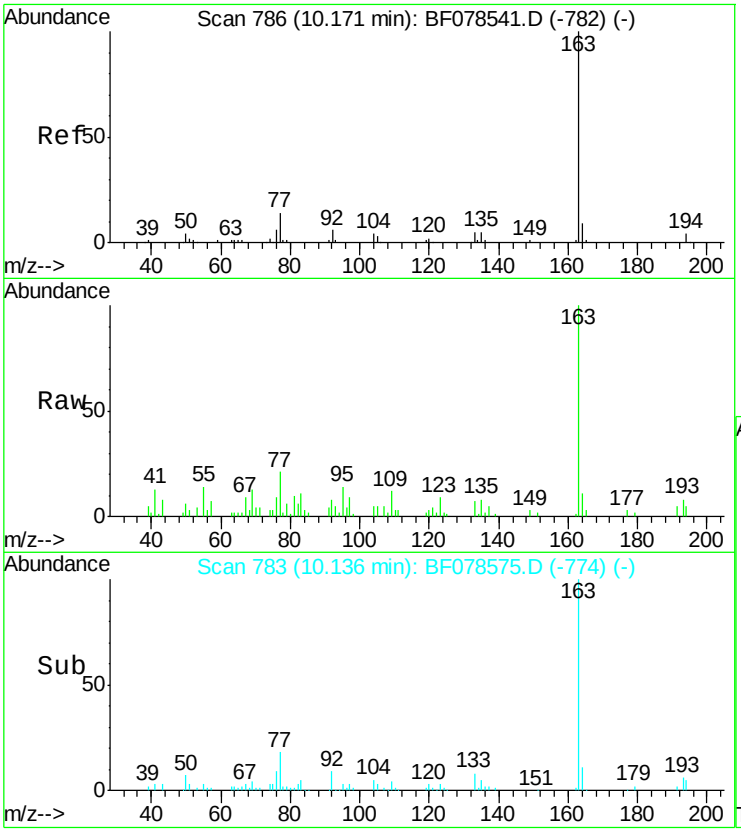


#44
2-Fluorobiphenyl
Concen: 55.53 ng
RT: 9.62 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:172 Resp: 205062

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.7	18.5	27.7



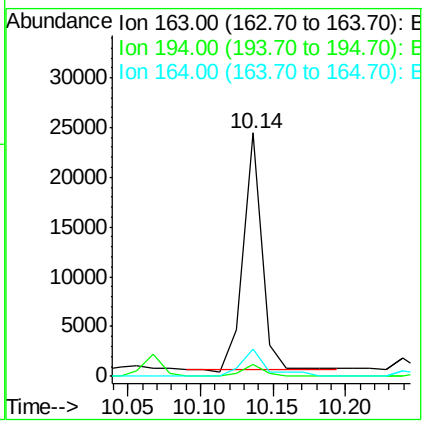


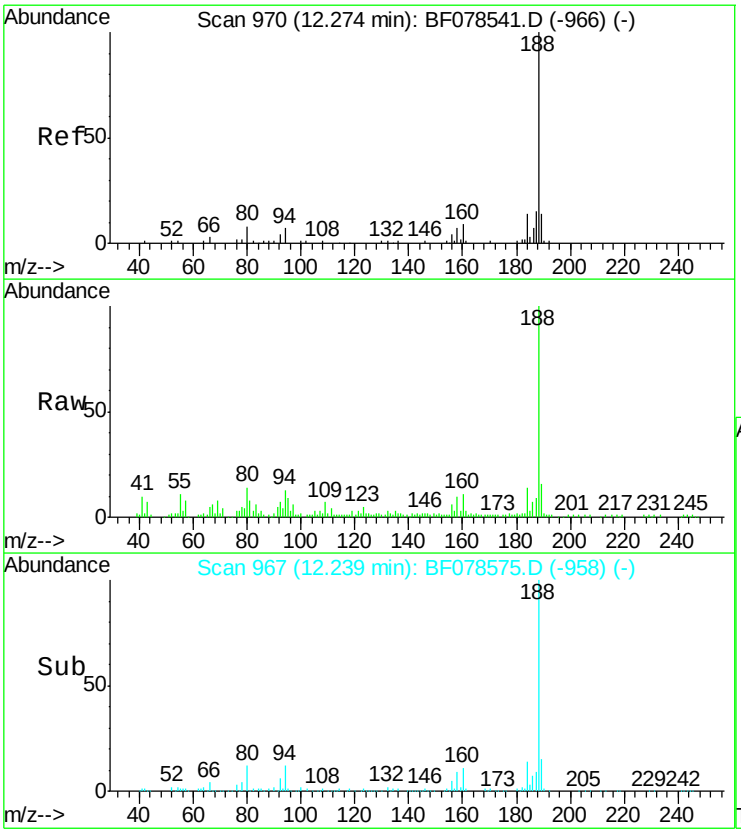
#49
Dimethylphthalate
Concen: 5.32 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:163 Resp: 21087

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.3	3.5#
164	11.1	8.6	13.0

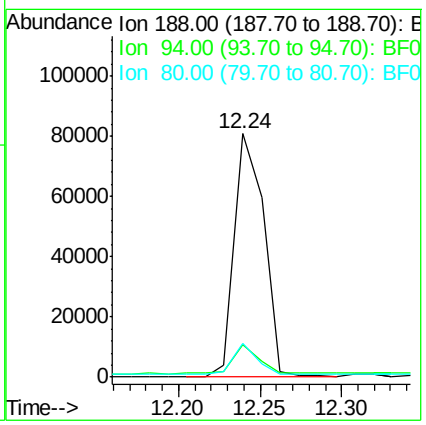


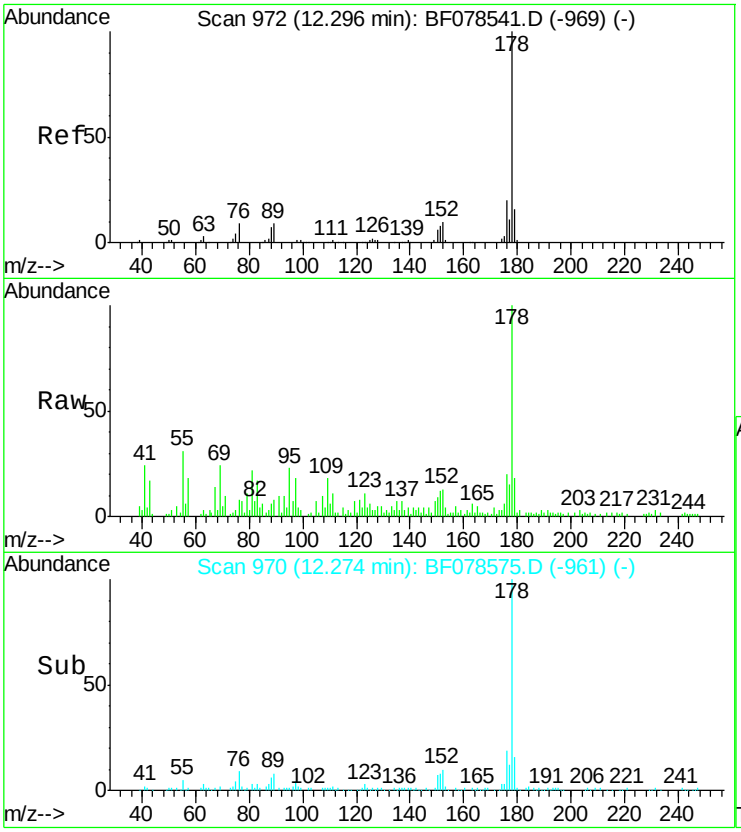


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:188 Resp: 100971

Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.0	13.4#
80	13.7	9.5	14.3



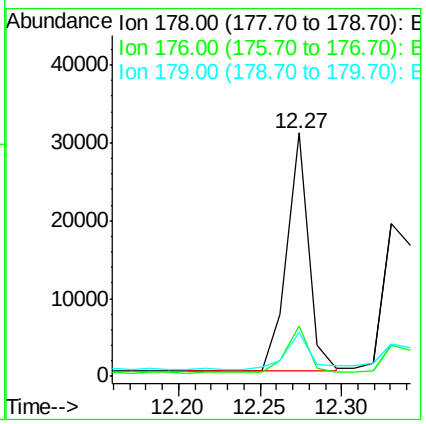


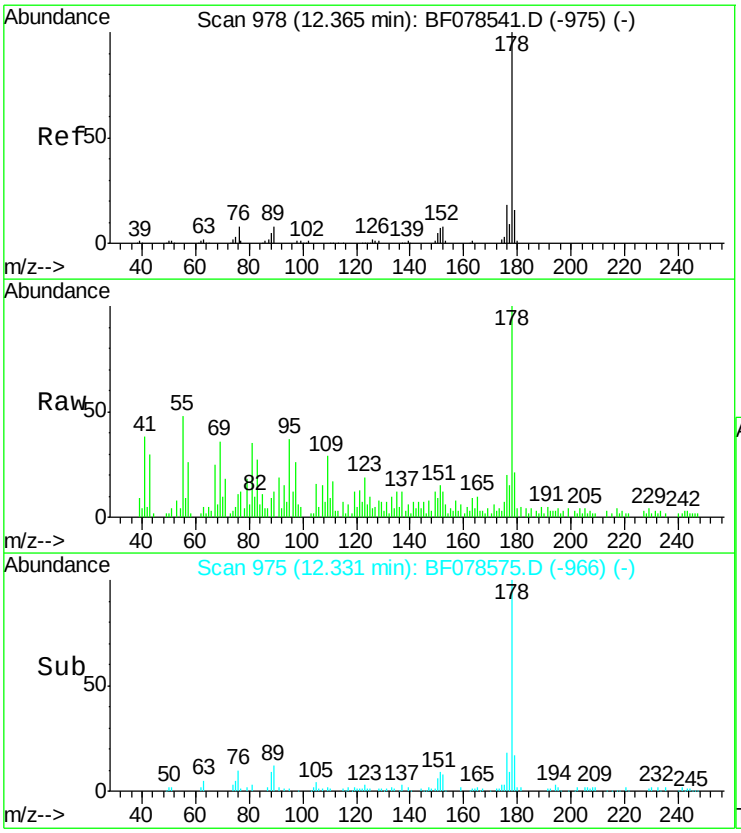
#70
Phenanthrene
Concen: 4.90 ng
RT: 12.27 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:178 Resp: 28623

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.0
179	18.1	12.2	18.2

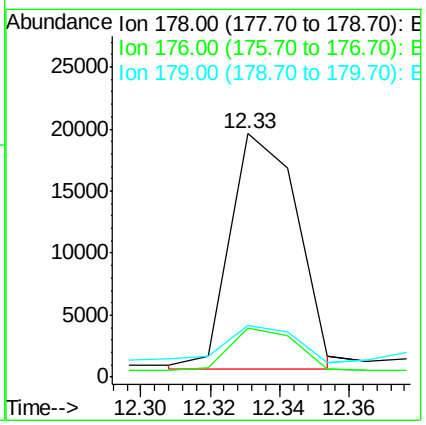


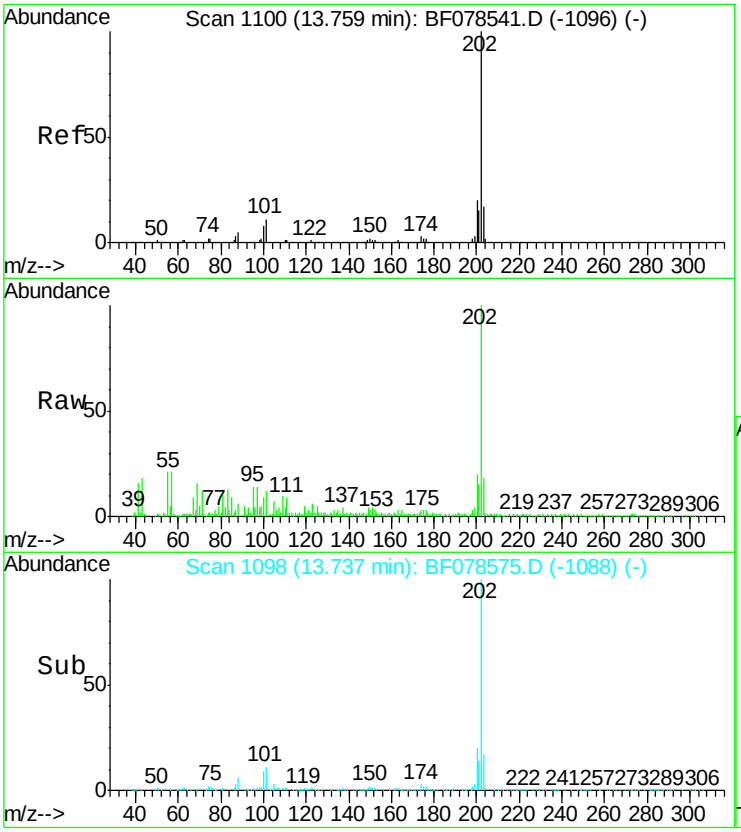


#71
Anthracene
Concen: 4.44 ng m
RT: 12.33 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:178 Resp: 25539

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.8	22.2
179	21.3	12.4	18.6#



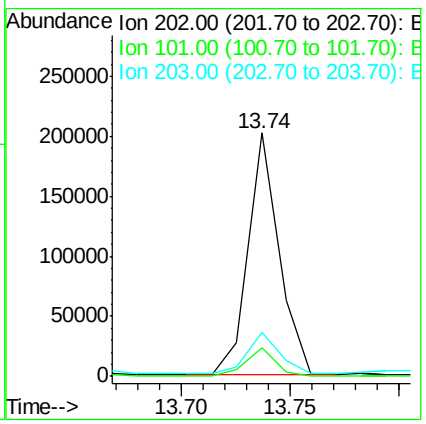


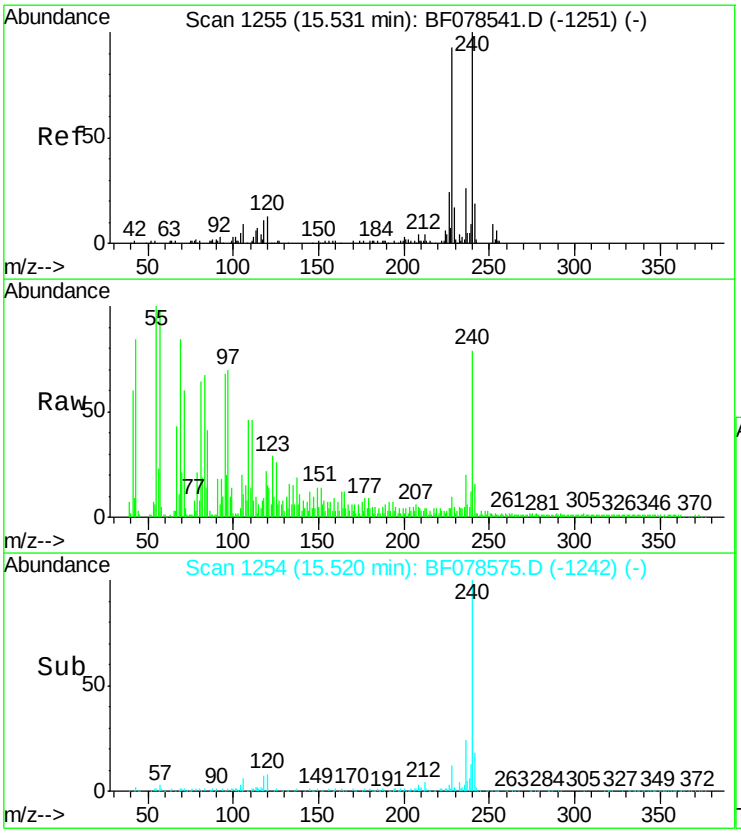
#74
Fluoranthene
Concen: 32.73 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:202 Resp: 201589

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	35.2
203	18.3	0.0	38.5

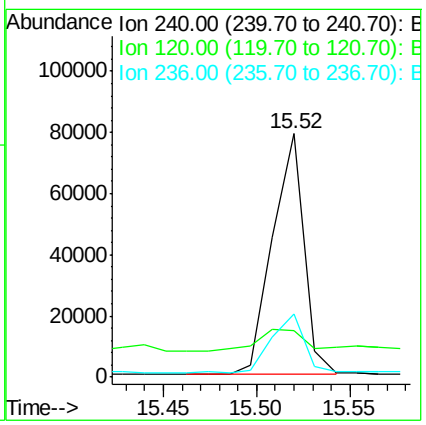


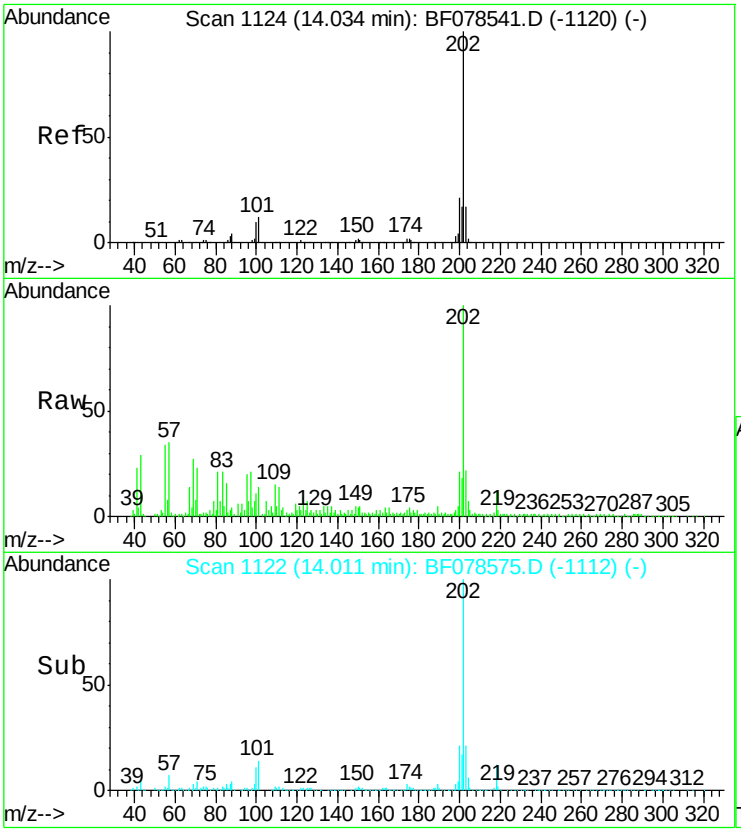


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.03 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:240 Resp: 92938

Ion	Ratio	Lower	Upper
240	100		
120	19.2	7.1	10.7#
236	26.0	21.4	32.2



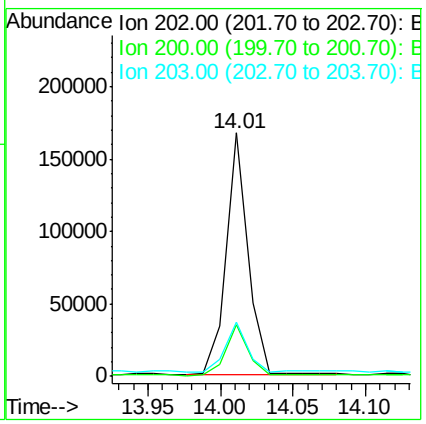


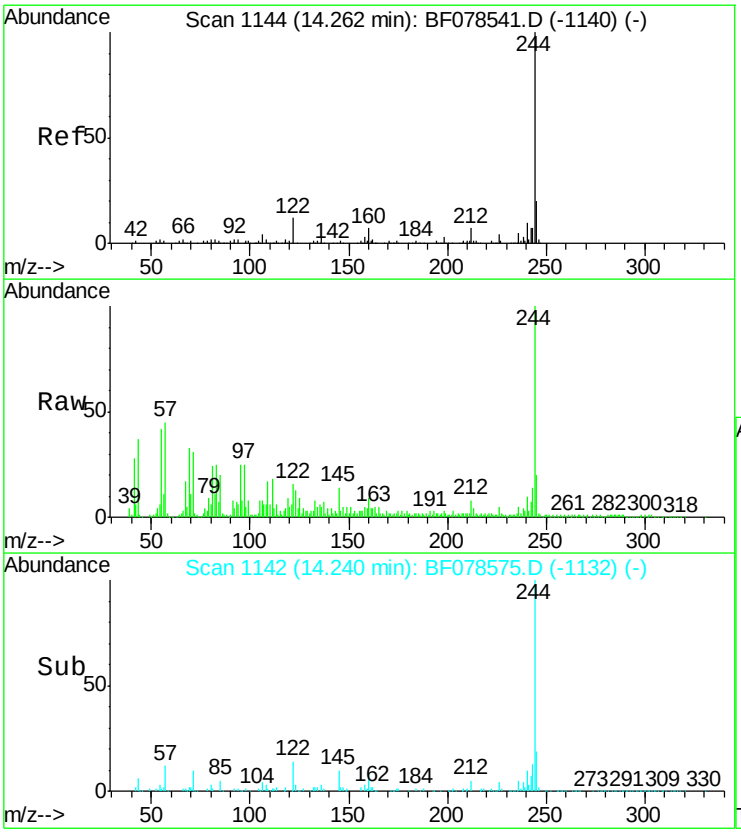
#77
Pyrene
Concen: 30.00 ng
RT: 14.01 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:202 Resp: 175026

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	22.3	13.8	20.6#

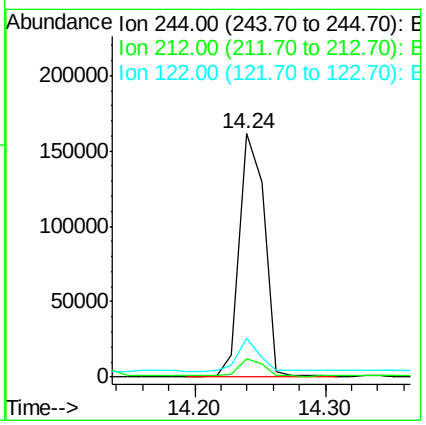


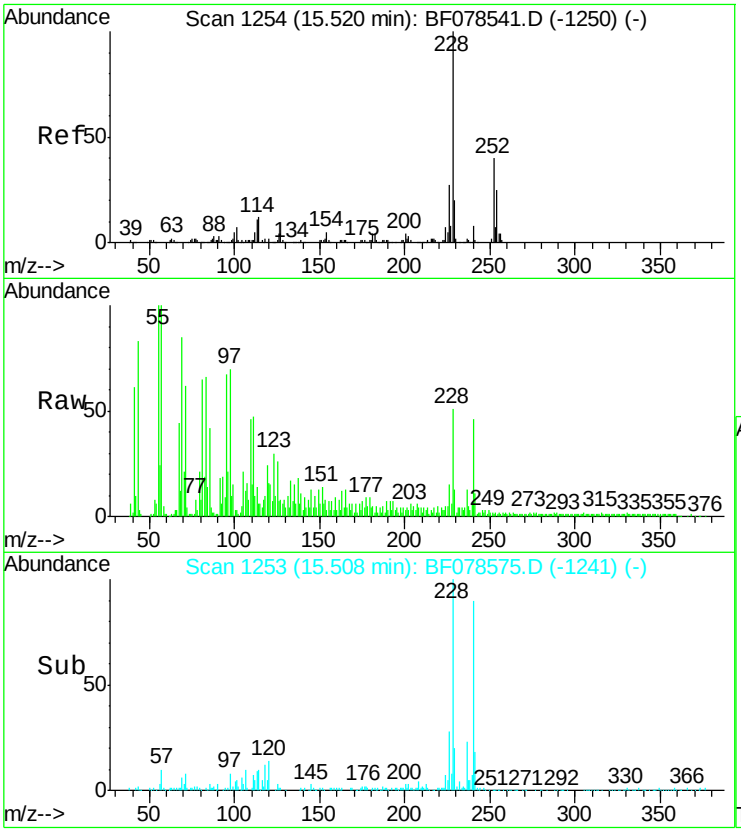


#78
Terphenyl-d14
Concen: 51.26 ng
RT: 14.24 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:244 Resp: 210847

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.0	7.4#
122	16.1	7.1	10.7#



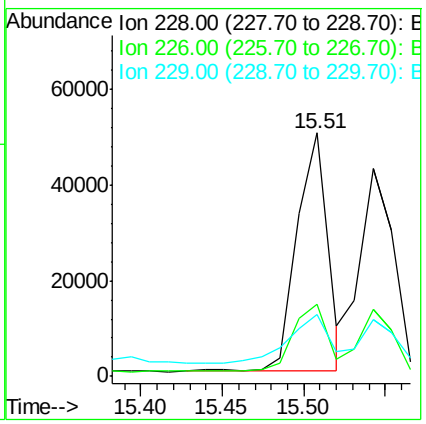


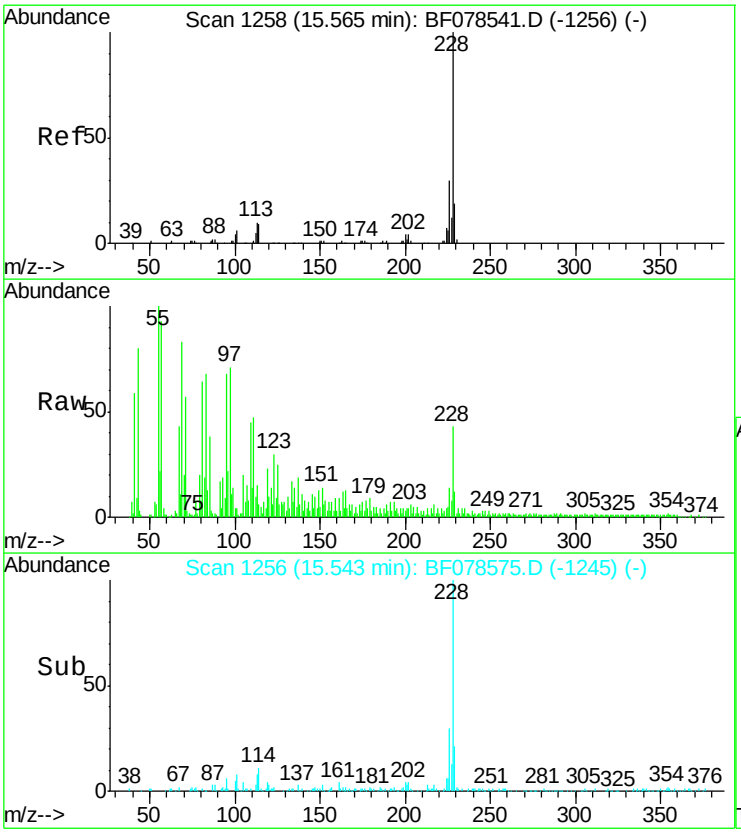
#80
Benzo(a)anthracene
Concen: 11.96 ng
RT: 15.51 min Scan# 1253
Delta R.T. 0.03 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:228 Resp: 66123

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.3	31.9
229	25.5	15.4	23.2#

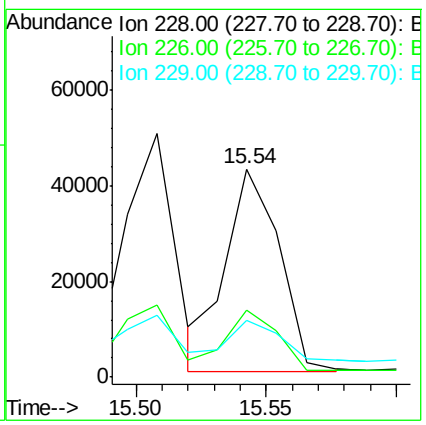


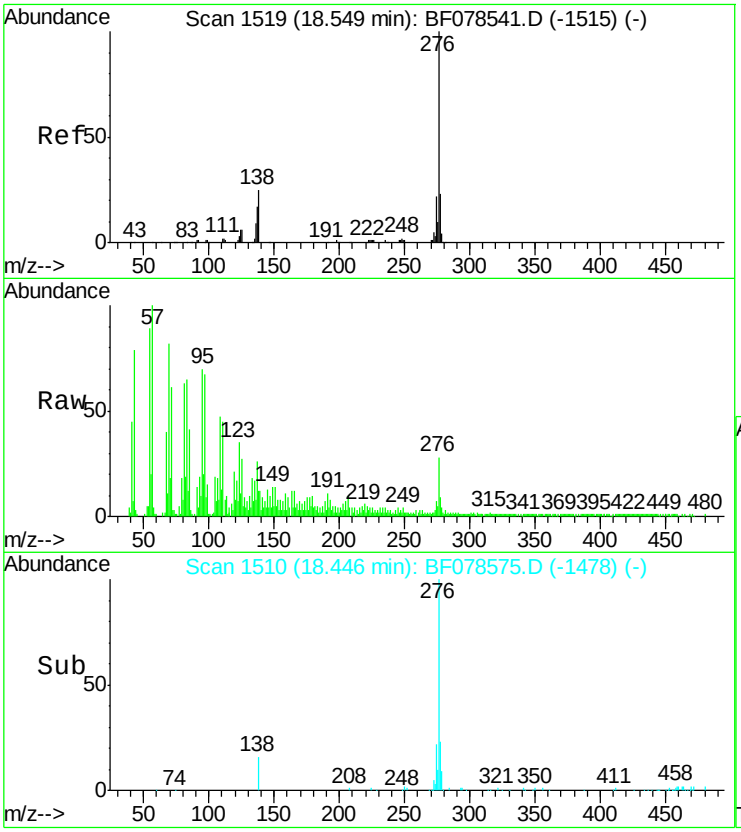


#82
Chrysene
Concen: 11.67 ng m
RT: 15.54 min Scan# 1256
Delta R.T. 0.02 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:228 Resp: 60626

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.4
229	27.3	15.8	23.8#



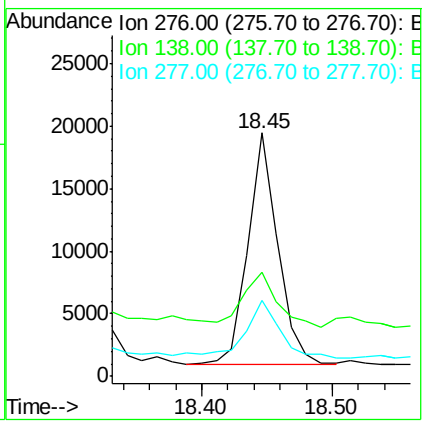


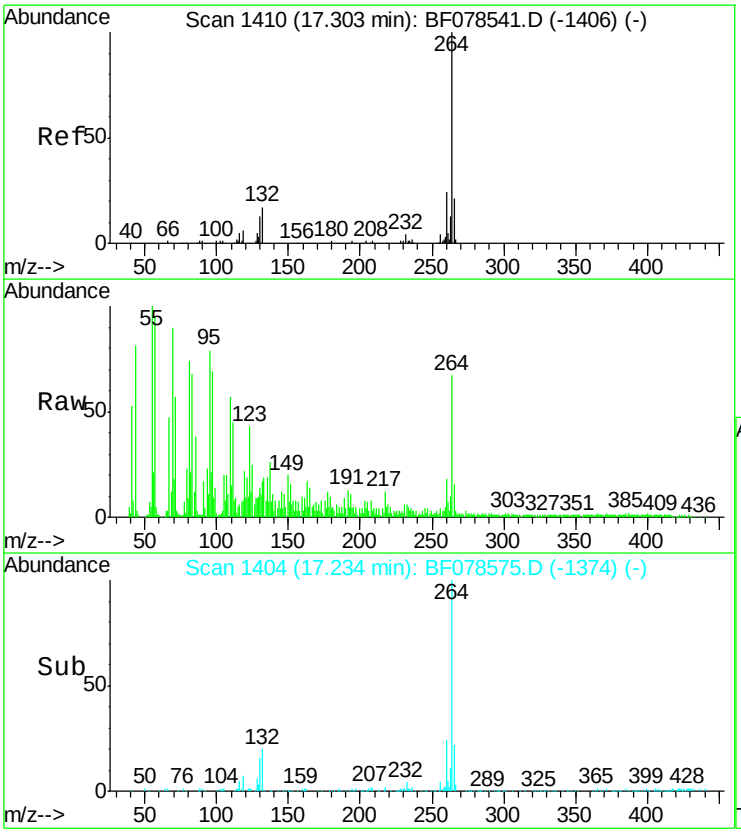
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.06 ng
RT: 18.45 min Scan# 1510
Delta R.T. 0.07 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:276 Resp: 29847

Ion	Ratio	Lower	Upper
276	100		
138	26.8	16.9	25.3#
277	28.0	15.8	23.6#

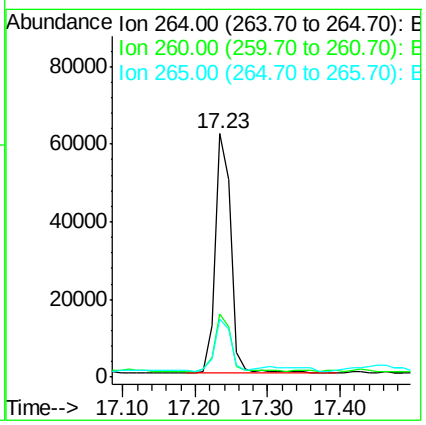


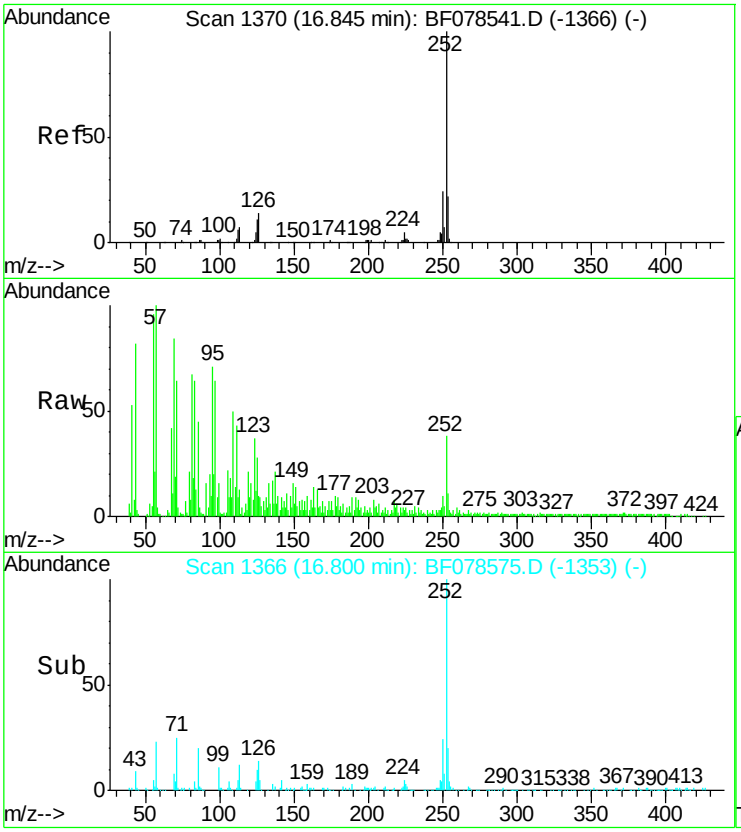


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.23 min Scan# 1404
Delta R.T. 0.05 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:264 Resp: 91914

Ion	Ratio	Lower	Upper
264	100		
260	26.2	18.6	27.8
265	23.6	17.0	25.6



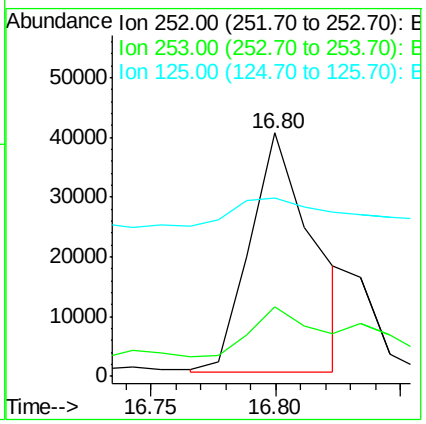


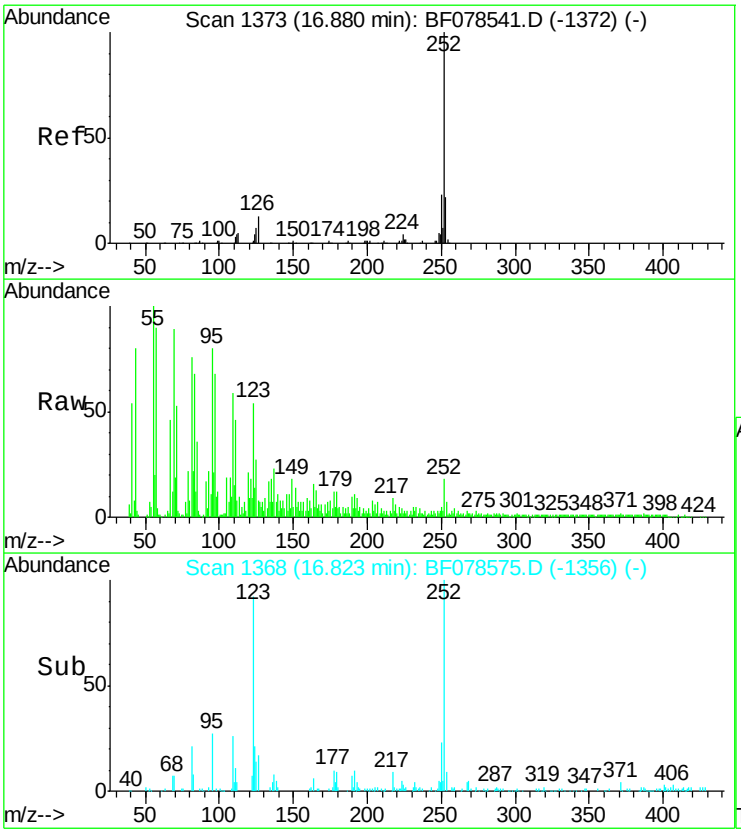
#87
Benzo(b)fluoranthene
Concen: 12.47 ng m
RT: 16.80 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:252 Resp: 70818

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.2	25.8#
125	73.0	7.0	10.4#

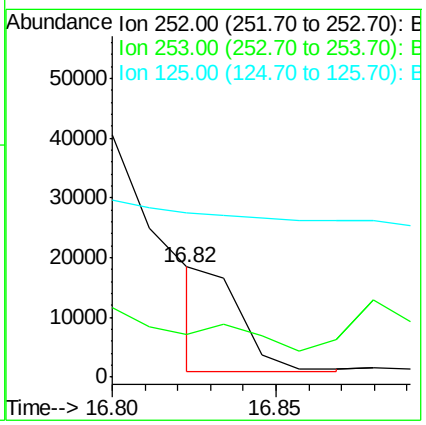


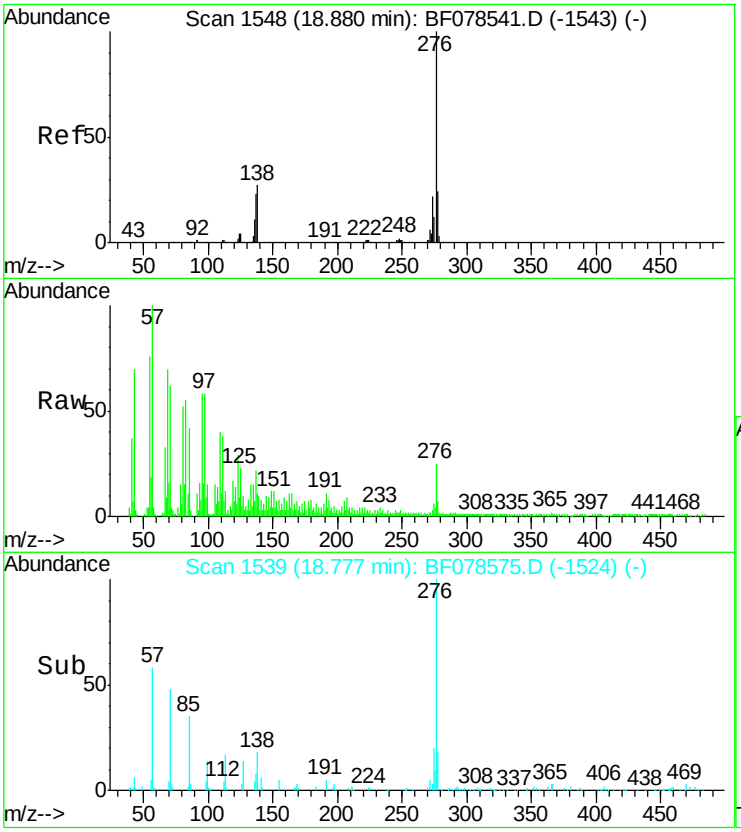


#88
Benzo(k)fluoranthene
Concen: 2.64 ng m
RT: 16.82 min Scan# 1368
Delta R.T. 0.03 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Tgt Ion:252 Resp: 13333

Ion	Ratio	Lower	Upper
252	100		
253	38.4	17.5	26.3#
125	148.5	11.6	17.4#





#91
Benzo(g,h,i)perylene
Concen: 5.76 ng
RT: 18.78 min Scan# 1539
Delta R.T. 0.07 min
Lab File: BF078575.D
Acq: 16 Apr 2015 19:49

Instrument :
BNA_F
ClientSampleId :
LS-SB12A(6-12)

Tgt Ion:276 Resp: 28659

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.0	28.4
138	42.6	19.9	29.9#