Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078579.D
Acq On : 16 Apr 2015 21:43
Operator : TP/IZ
Sample : G1854-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB10A(7.5-8)

Quant Time: Apr 17 02:33:55 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	23577	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	108576	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	56667	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	117635	20.00	ng		0.00
75) Chrysene-d12	15.50	240	138159	20.00	ng		0.01
86) Perylene-d12	17.22	264	139175	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	19034	13.31	ng		0.02
7) Phenol-d6	6.31	99	27111	15.13	ng		0.01
23) Nitrobenzene-d5	7.39	82	14861	8.30	ng		0.00
41) 2,4,6-Tribromophenol	11.40	330	6958	14.81	ng		0.01
44) 2-Fluorobiphenyl	9.62	172	37877	9.55	ng		0.00
78) Terphenyl-d14	14.23	244	47573	7.78	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	12.27	178	83843	12.32	ng		99
71) Anthracene	12.33	178	22363	3.34	ng		98
74) Fluoranthene	13.74	202	132325	18.44	ng		90
77) Pyrene	14.00	202	112493	12.97	ng	#	94
80) Benzo(a)anthracene	15.49	228	67069	8.16	ng		98
82) Chrysene	15.53	228	51448	6.66	ng		96
85) Indeno(1,2,3-cd)pyrene	18.43	276	34428m	3.93	ng		
87) Benzo(b)fluoranthene	16.79	252	74406m	8.65	ng		
88) Benzo(k)fluoranthene	16.81	252	27572m	3.61	ng		
89) Benzo(a)pyrene	17.17	252	54947	7.32	ng	#	94
91) Benzo(g,h,i)perylene	18.77	276	35783m	4.75	ng		

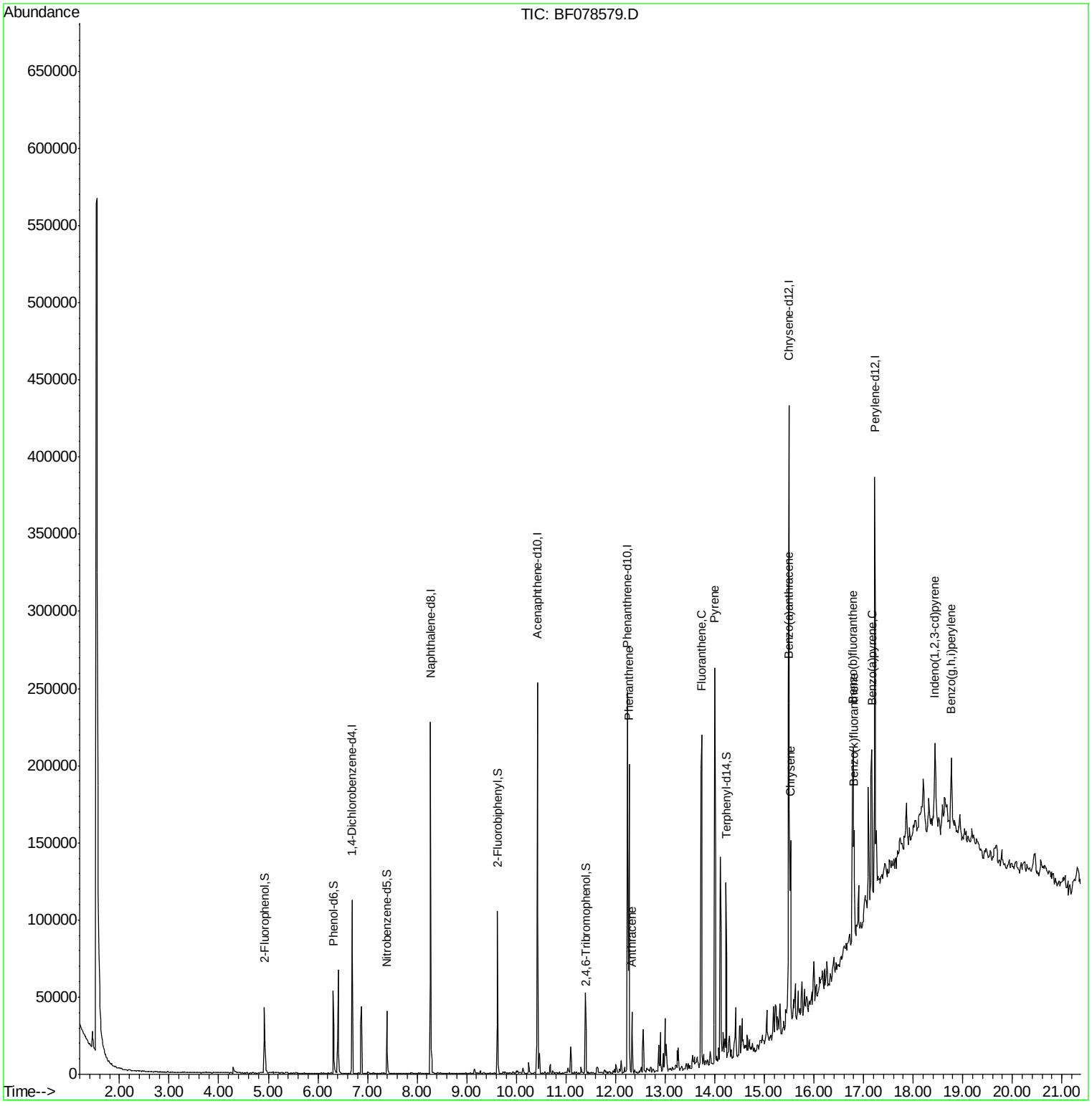
(#) = qualifier out of range (m) = manual integration (+) = signals summed

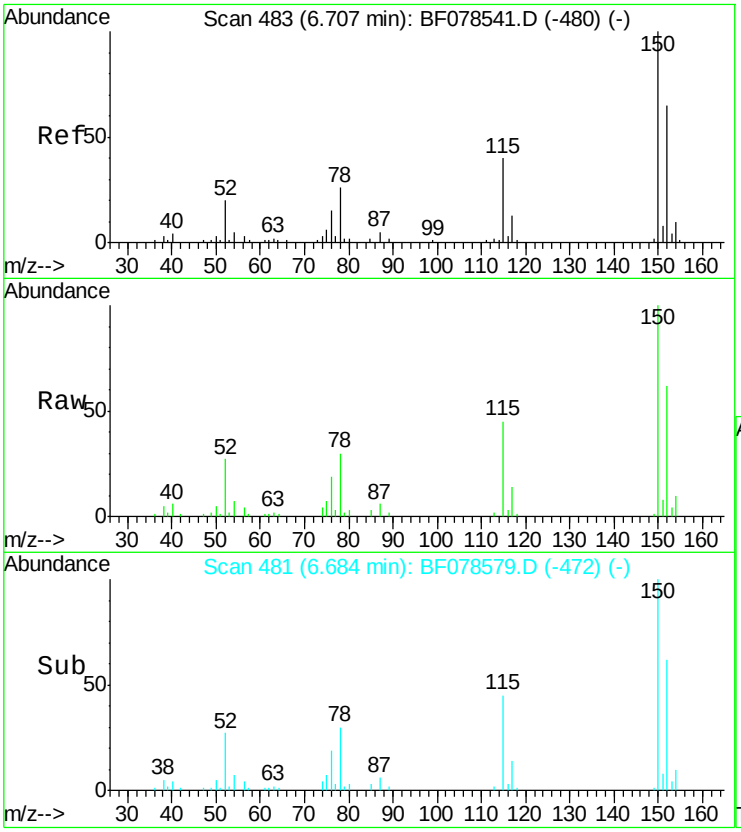
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078579.D
Acq On : 16 Apr 2015 21:43
Operator : TP/IZ
Sample : G1854-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Quant Time: Apr 17 02:33:55 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



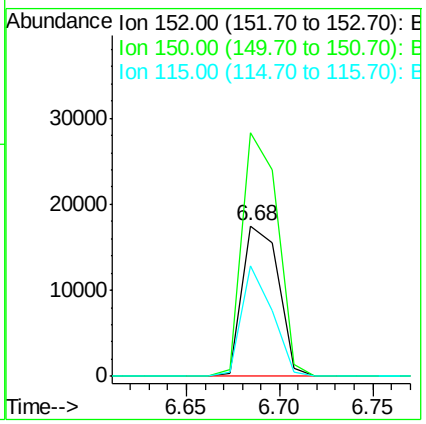


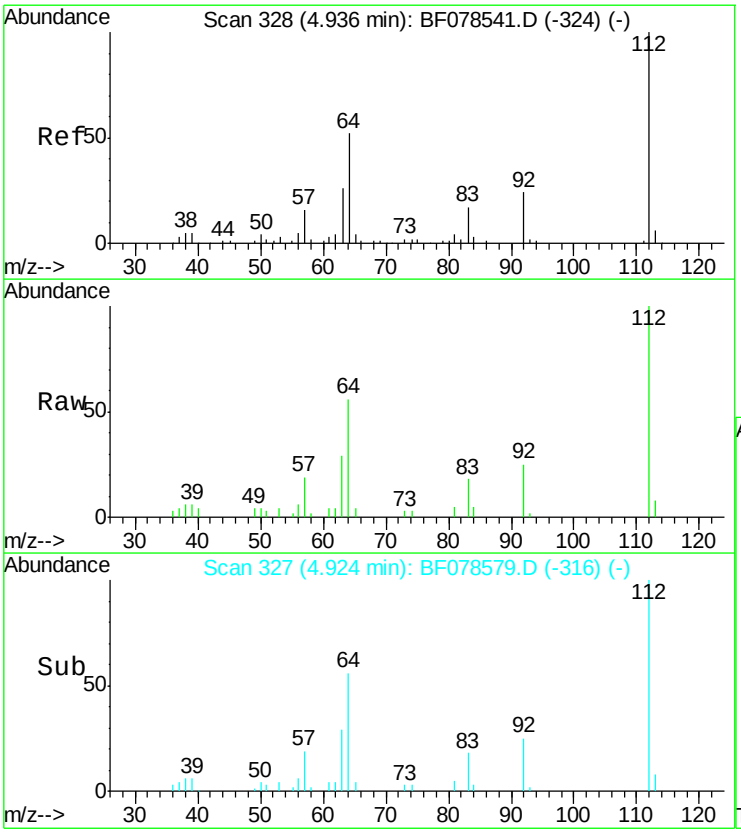
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:152 Resp: 23577

Ion	Ratio	Lower	Upper
152	100		
150	161.7	125.9	188.9
115	73.0	52.7	79.1

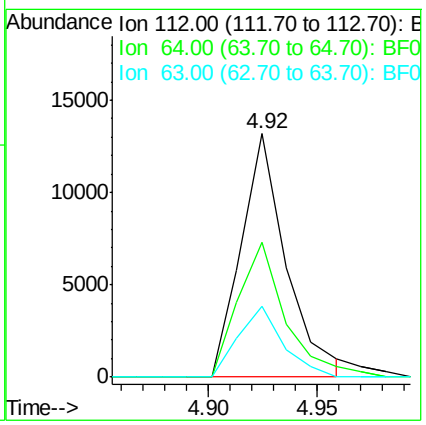


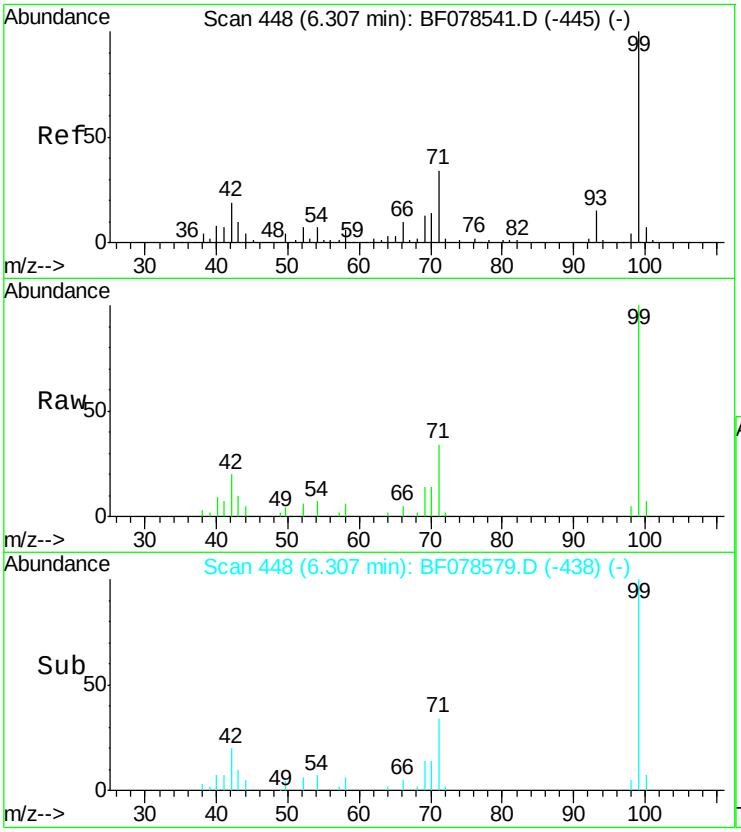


#5
2-Fluorophenol
Concen: 13.31 ng
RT: 4.92 min Scan# 327
Delta R.T. 0.02 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:112 Resp: 19034

Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.9	59.9
63	29.3	20.2	30.4



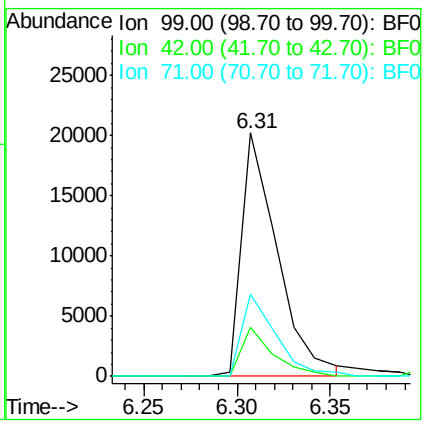


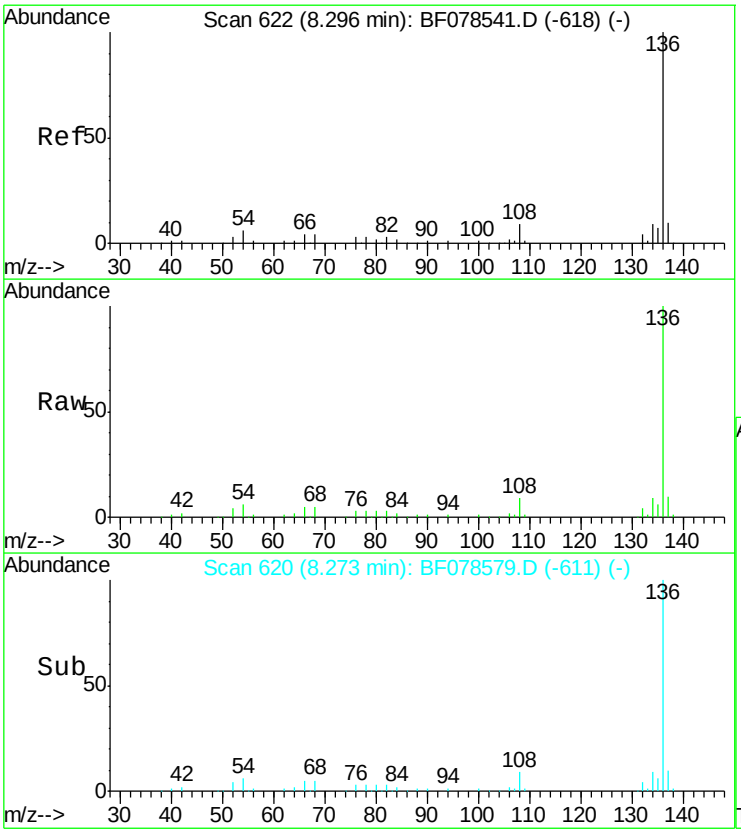
#7
Phenol-d6
Concen: 15.13 ng
RT: 6.31 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion: 99 Resp: 27111

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.8	22.2
71	33.8	26.6	39.8

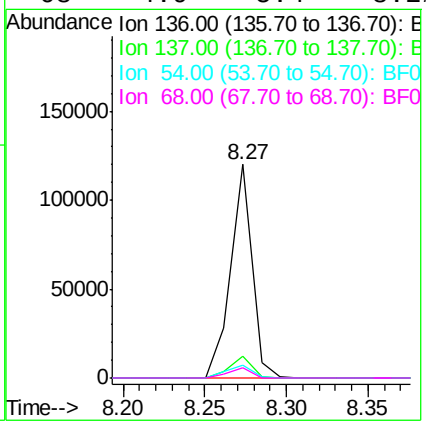


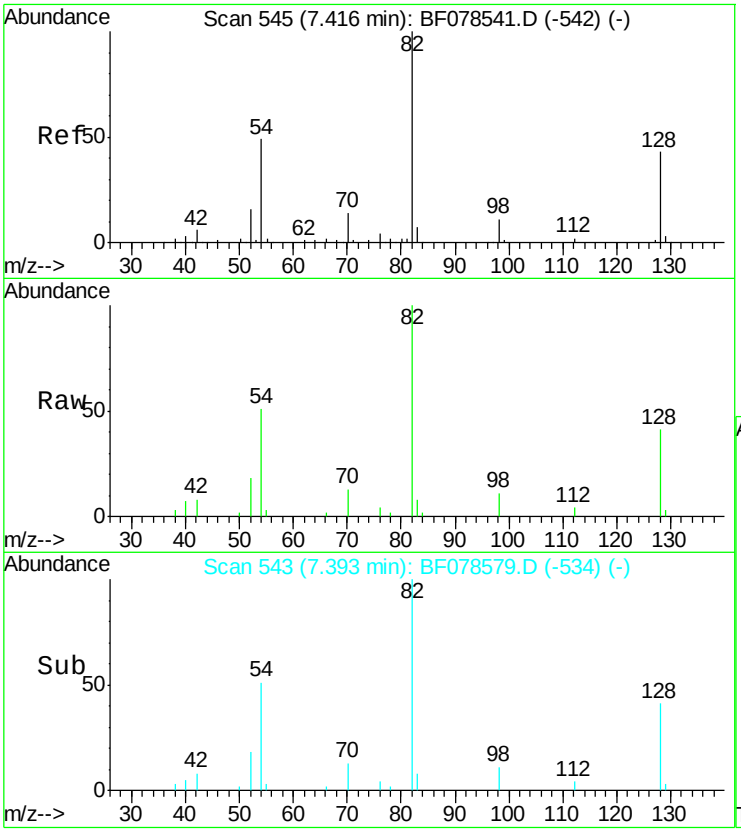


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:136 Resp: 108576

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	6.0	7.0	10.6#
68	4.9	5.4	8.2#



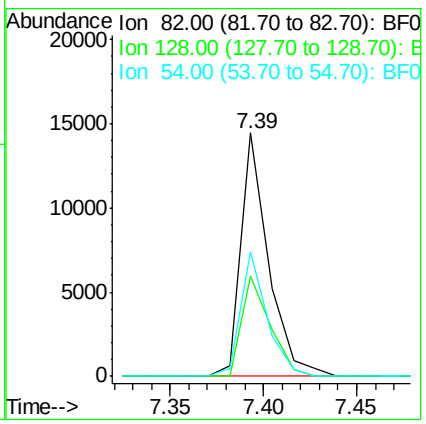


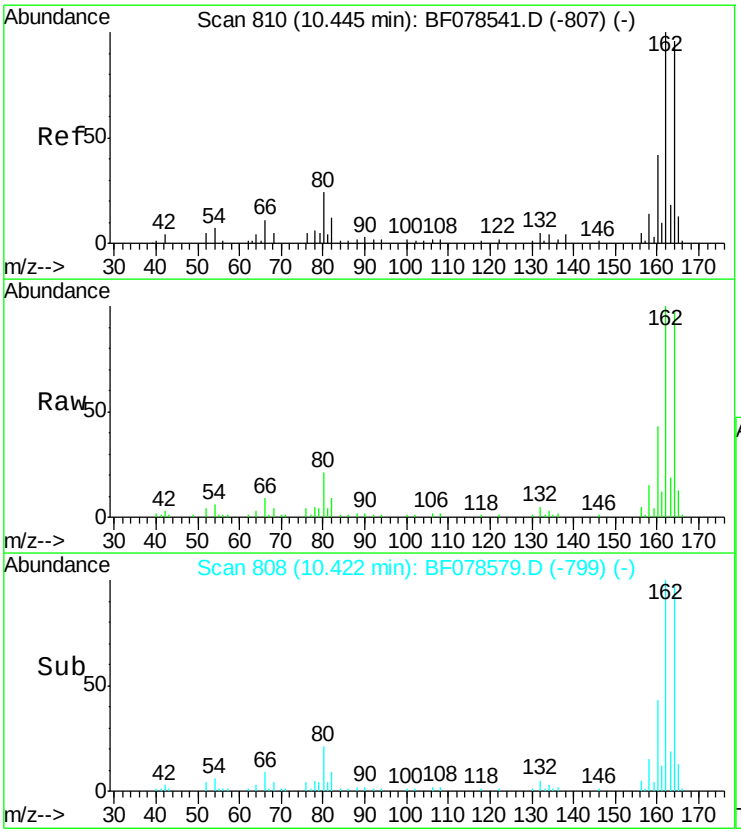
#23
Nitrobenzene-d5
Concen: 8.30 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion: 82 Resp: 14861

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.8	47.8
54	51.2	41.5	62.3

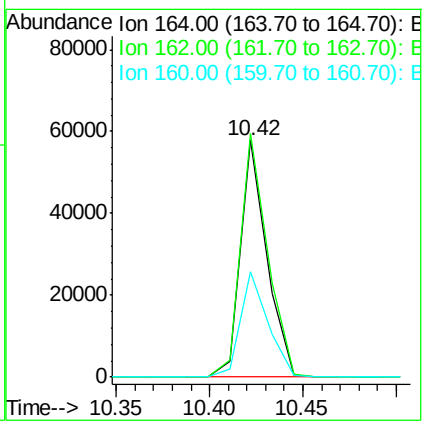


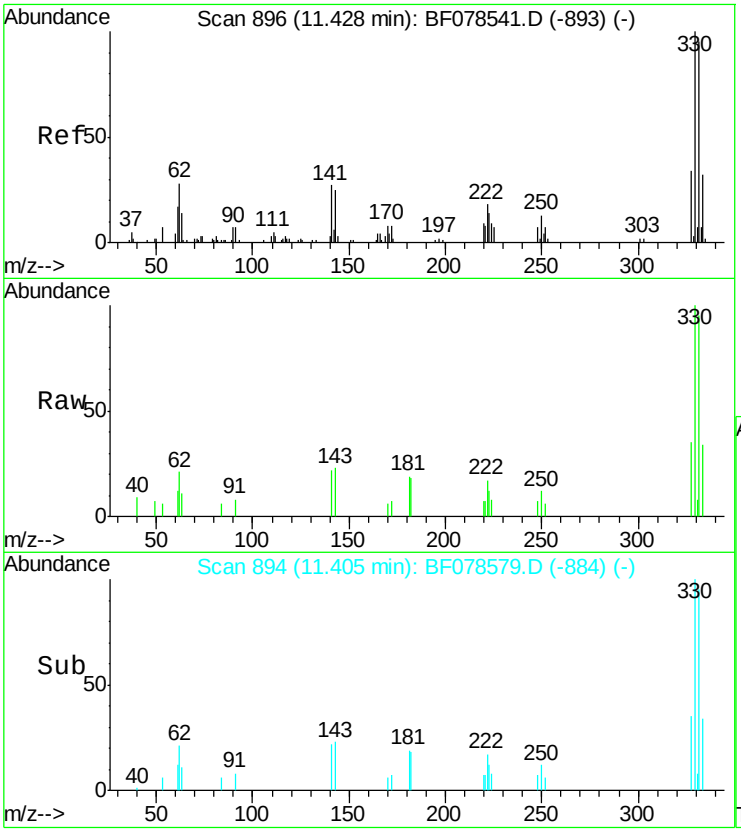


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:164 Resp: 56667

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	44.3	34.7	52.1



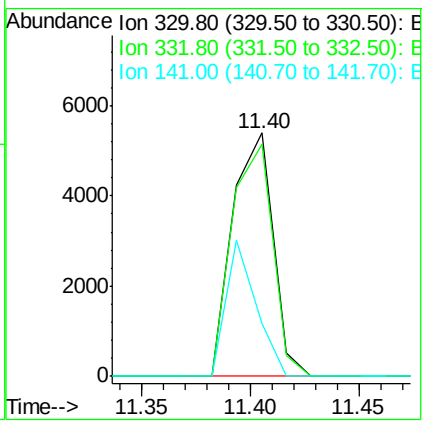


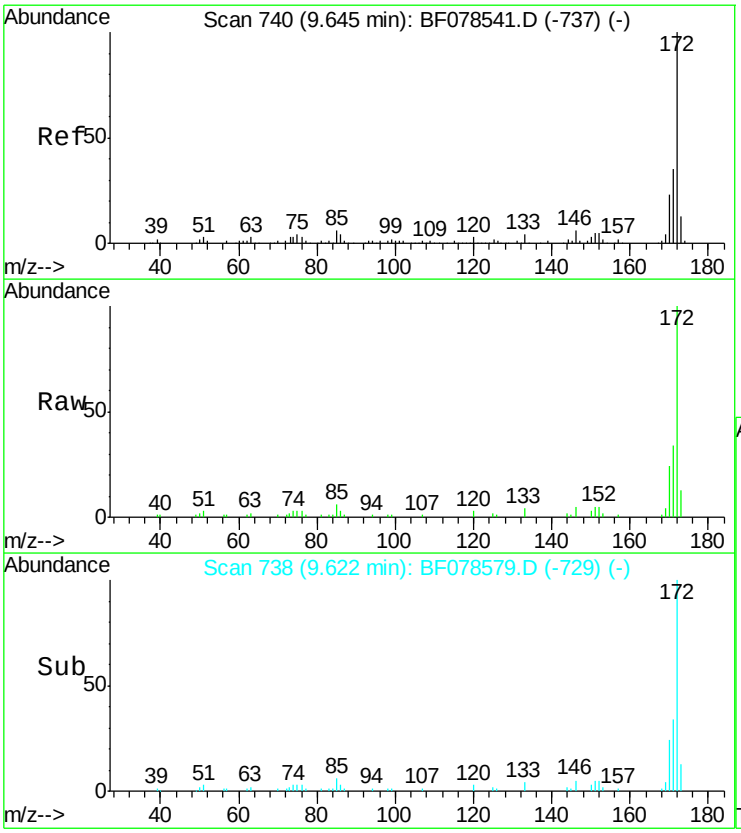
#41
2,4,6-Tribromophenol
Concen: 14.81 ng
RT: 11.40 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:330 Resp: 6958

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.6	117.8
141	41.4	31.2	46.8

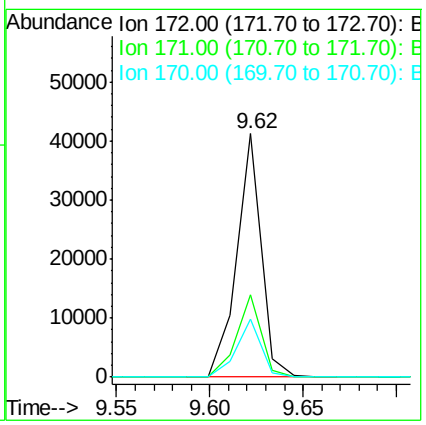


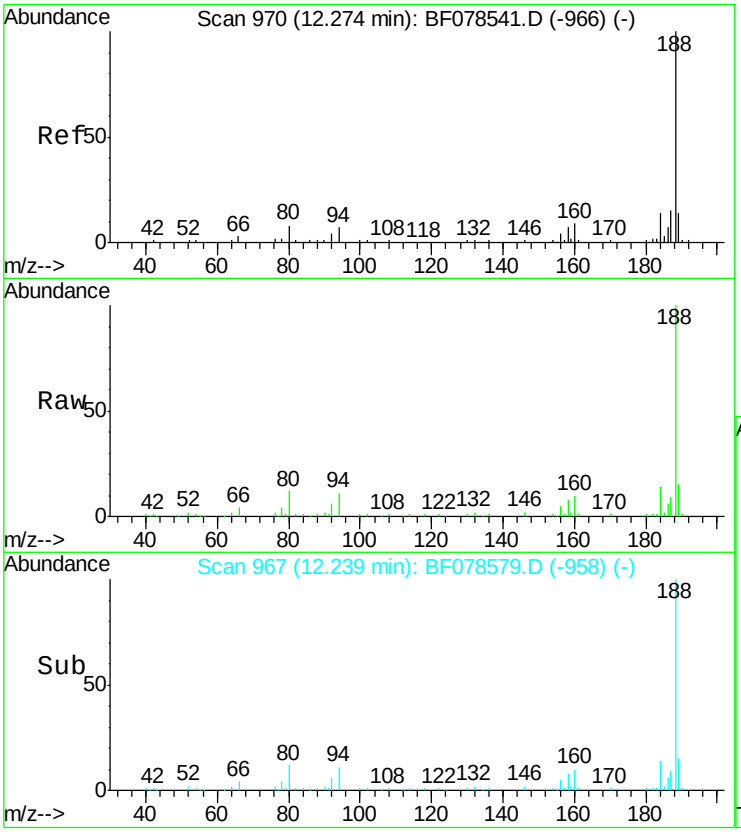


#44
2-Fluorobiphenyl
Concen: 9.55 ng
RT: 9.62 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:172 Resp: 37877

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	42.8
170	23.7	18.5	27.7



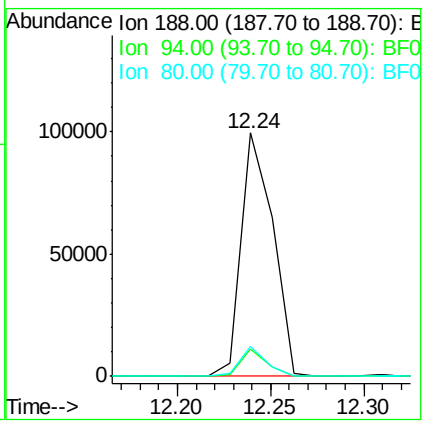


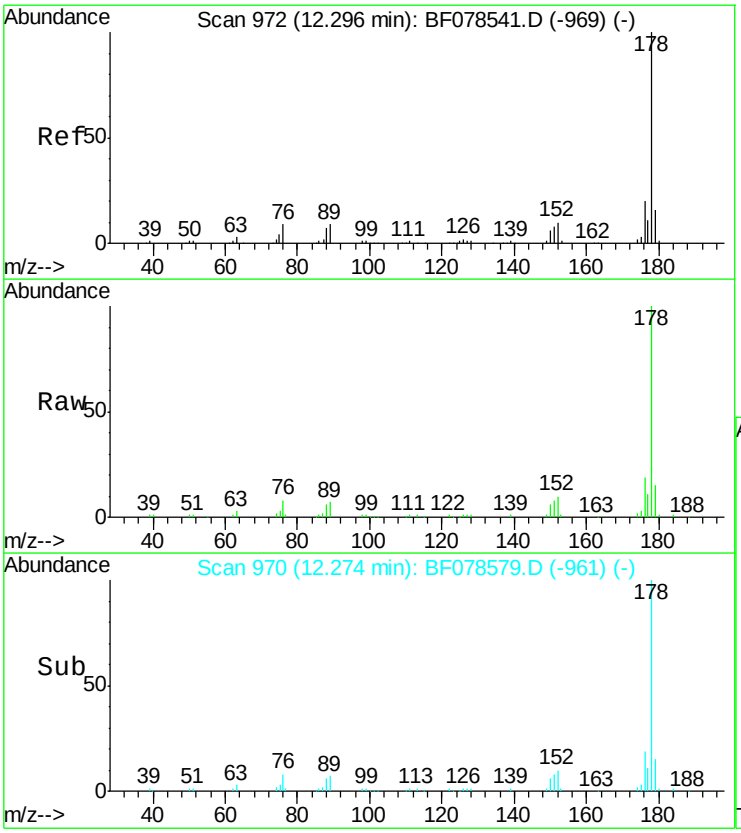
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:188 Resp: 117635

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.4
80	12.5	9.5	14.3

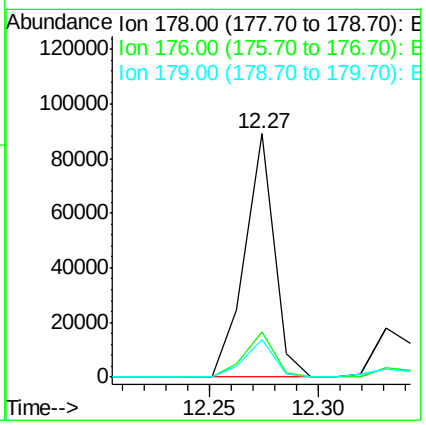


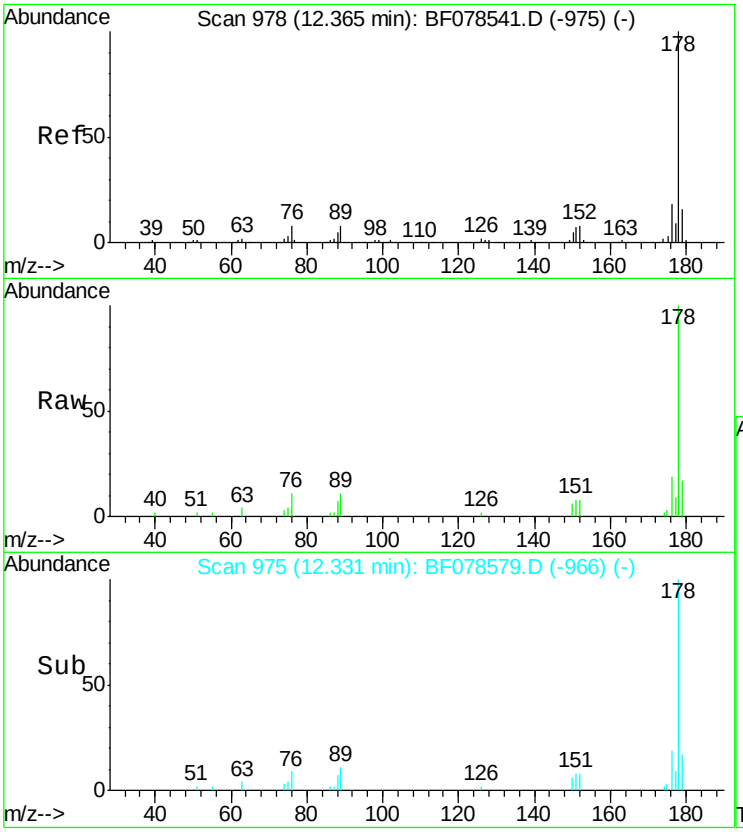


#70
Phenanthrene
Concen: 12.32 ng
RT: 12.27 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:178 Resp: 83843

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.2	12.2	18.2



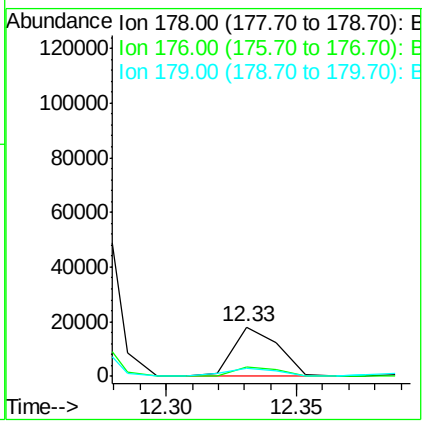


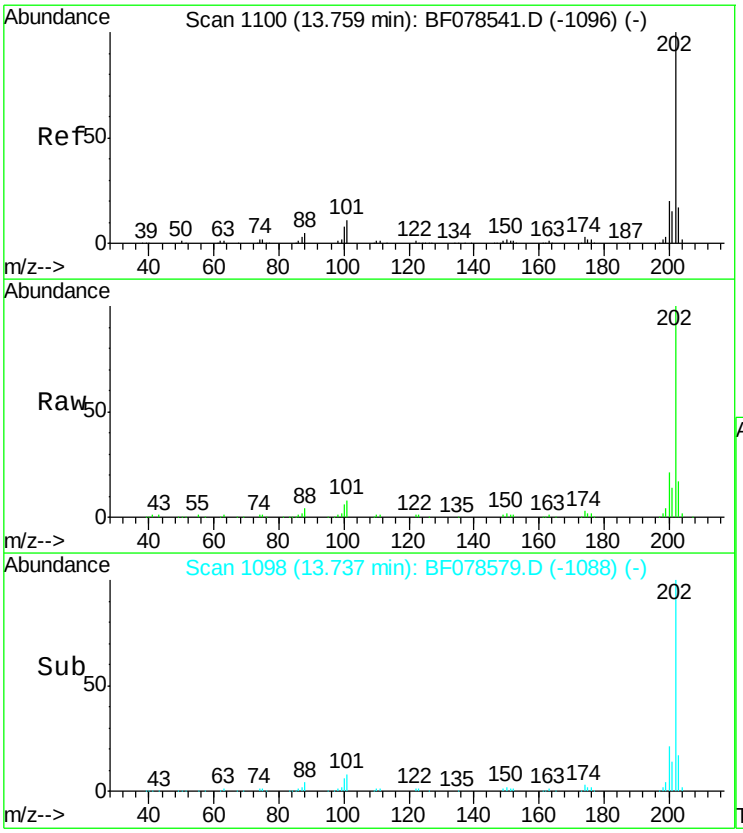
#71
Anthracene
Concen: 3.34 ng
RT: 12.33 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:178 Resp: 22363

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	16.6	12.4	18.6

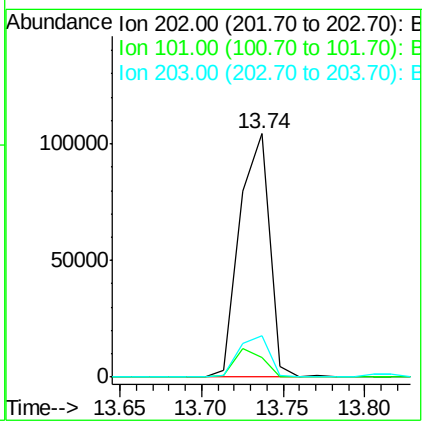


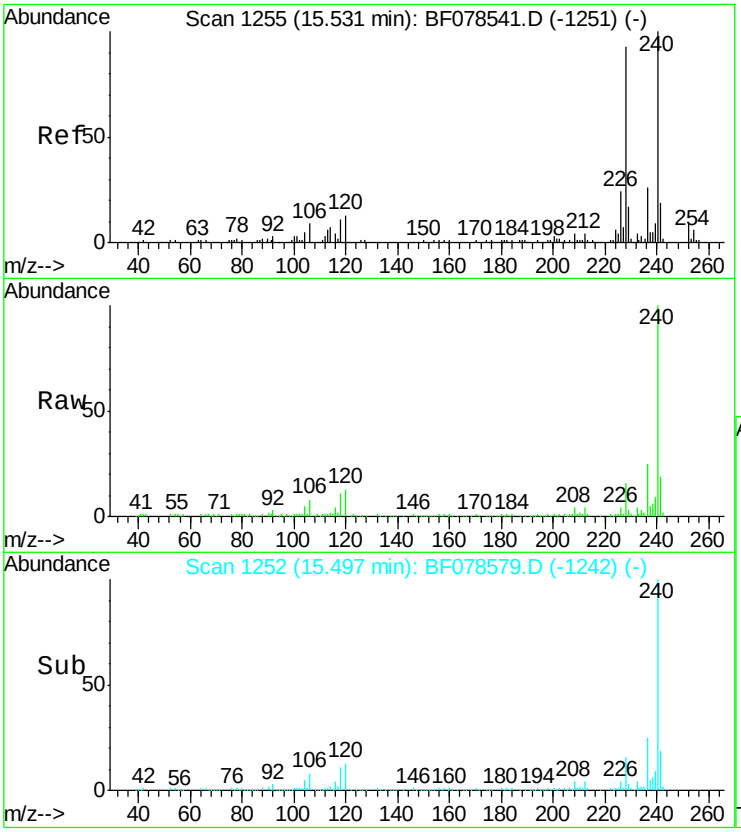


#74
Fluoranthene
Concen: 18.44 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:202 Resp: 132325

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	35.2
203	16.8	0.0	38.5



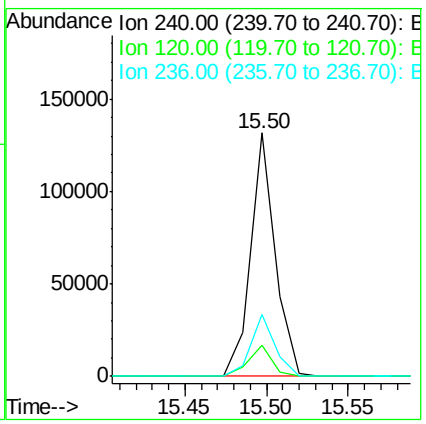


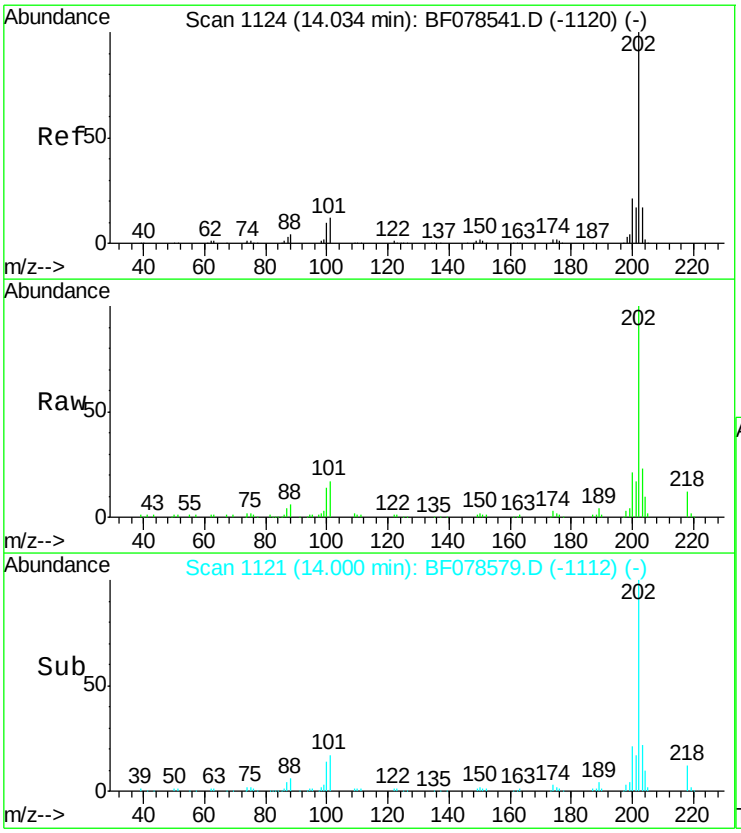
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:240 Resp: 138159

Ion	Ratio	Lower	Upper
240	100		
120	12.5	7.1	10.7#
236	25.5	21.4	32.2

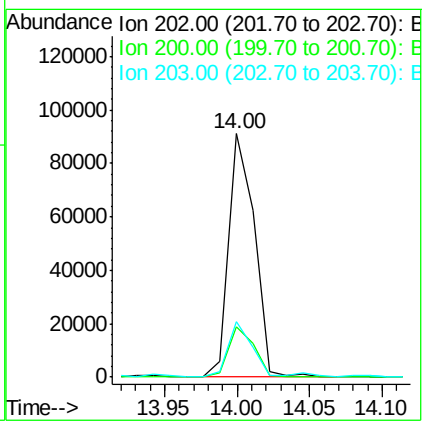


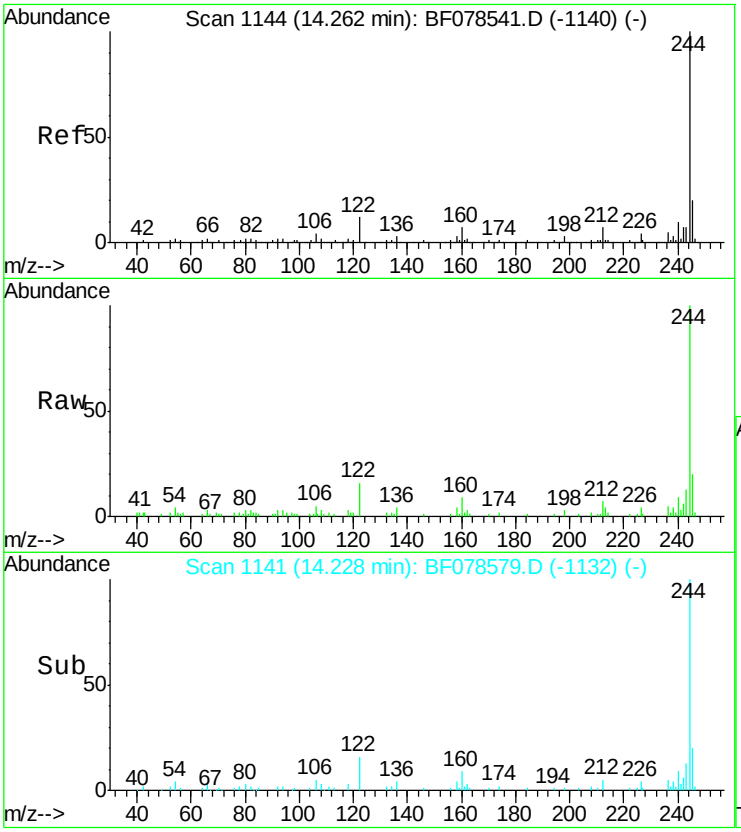


#77
Pyrene
Concen: 12.97 ng
RT: 14.00 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:202 Resp: 112493

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	22.5	13.8	20.6#



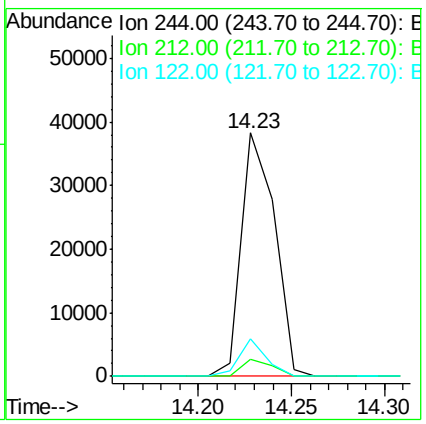


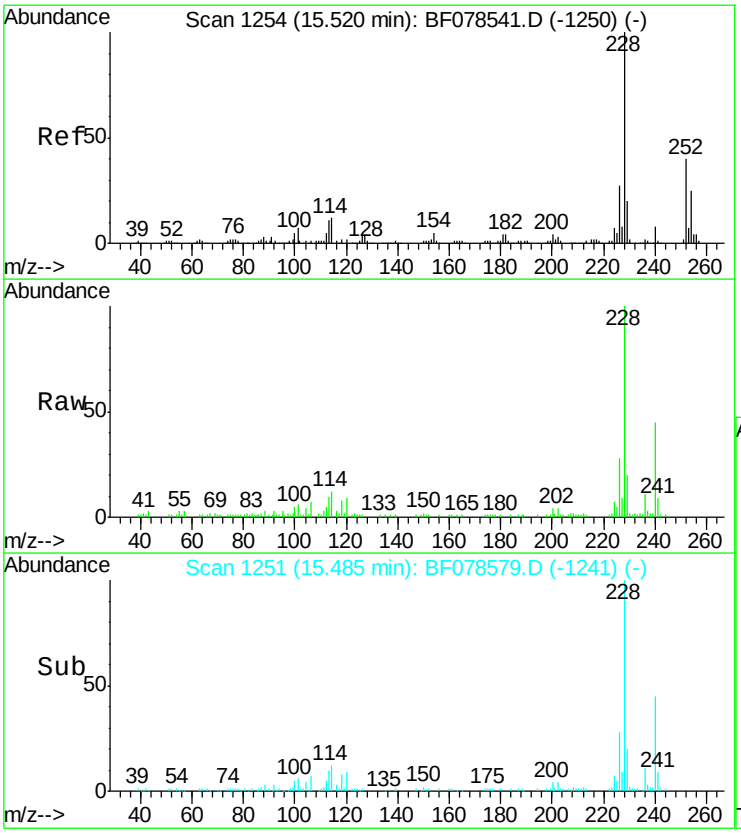
#78
Terphenyl-d14
Concen: 7.78 ng
RT: 14.23 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:244 Resp: 47573

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	15.7	7.1	10.7#

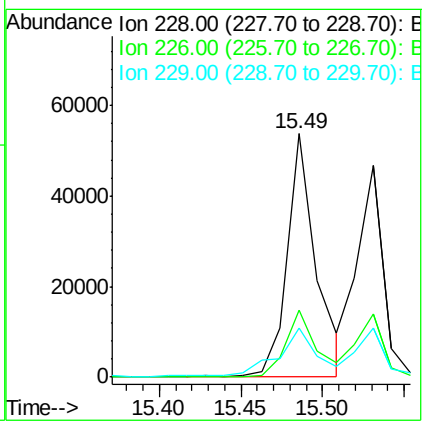


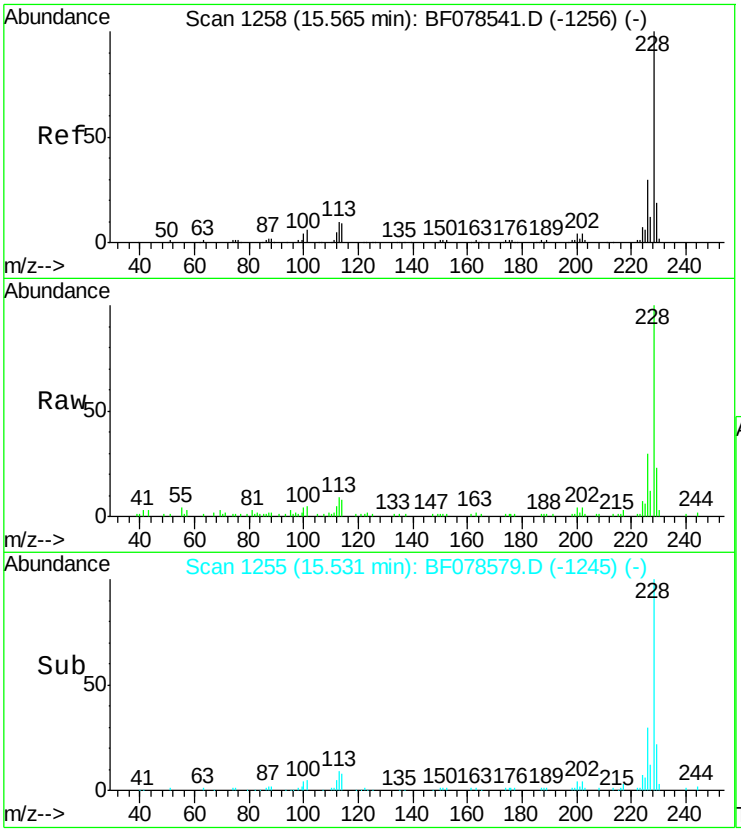


#80
Benzo(a)anthracene
Concen: 8.16 ng
RT: 15.49 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:228 Resp: 67069

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.3	15.4	23.2



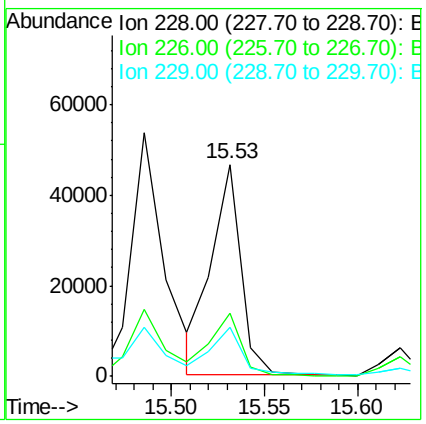


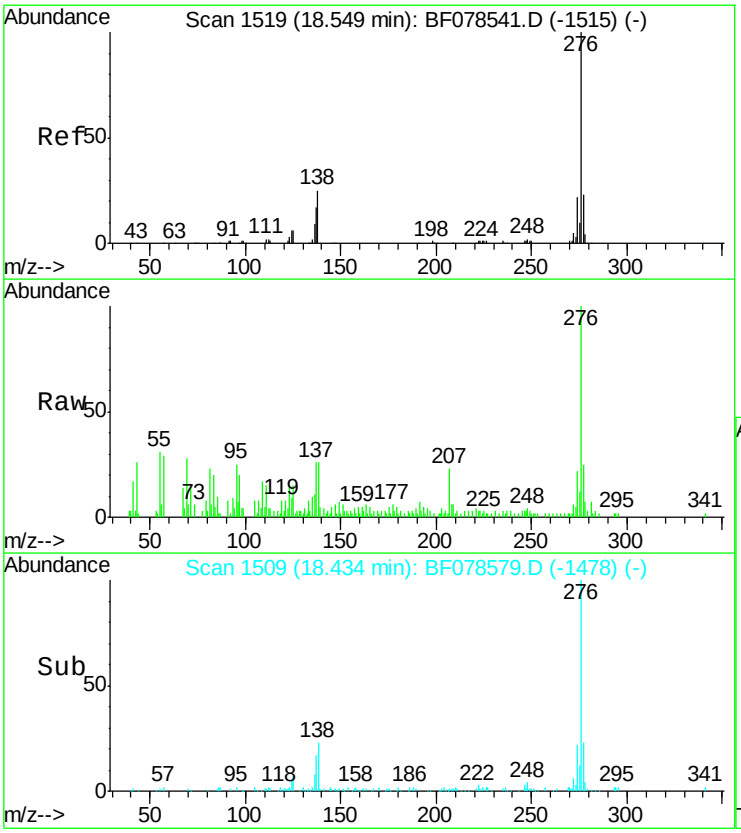
#82
Chrysene
Concen: 6.66 ng
RT: 15.53 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:228 Resp: 51448

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	23.3	15.8	23.8

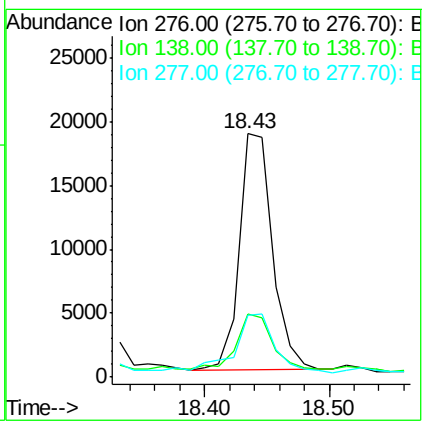


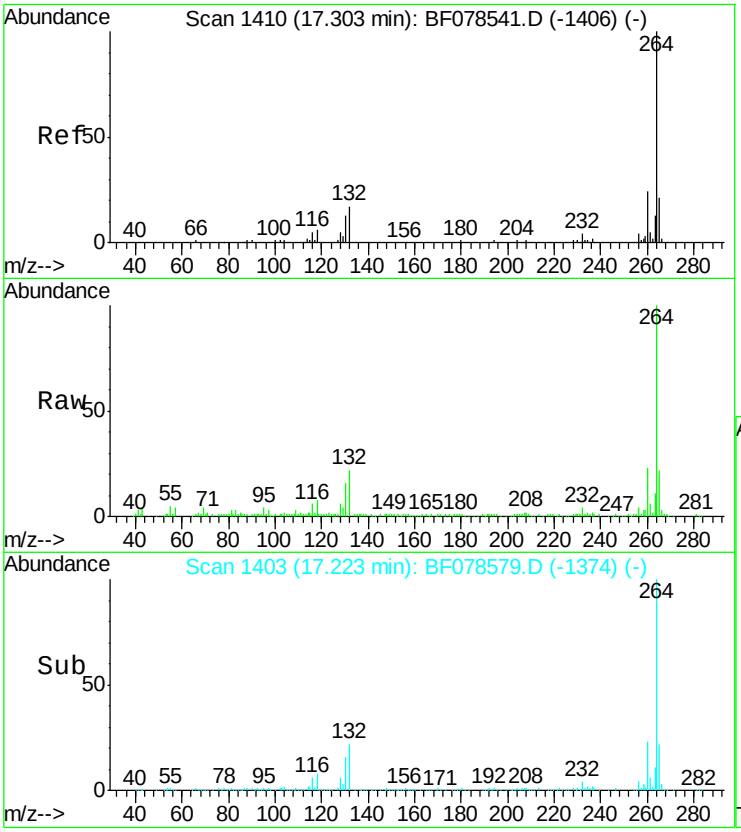


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.93 ng m
RT: 18.43 min Scan# 1509
Delta R.T. 0.06 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:276 Resp: 34428

Ion	Ratio	Lower	Upper
276	100		
138	5.8	16.9	25.3#
277	6.0	15.8	23.6#



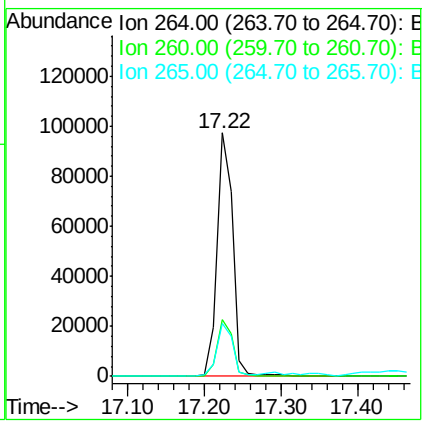


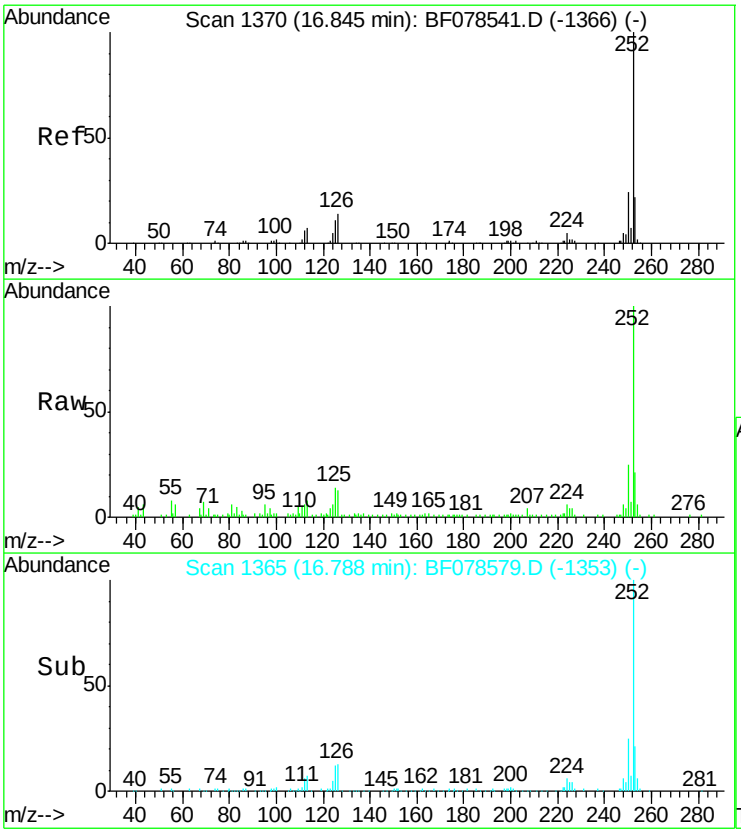
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.22 min Scan# 1403
Delta R.T. 0.03 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:264 Resp: 139175

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.5	17.0	25.6

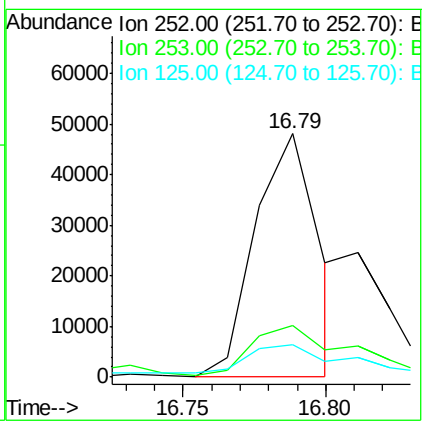


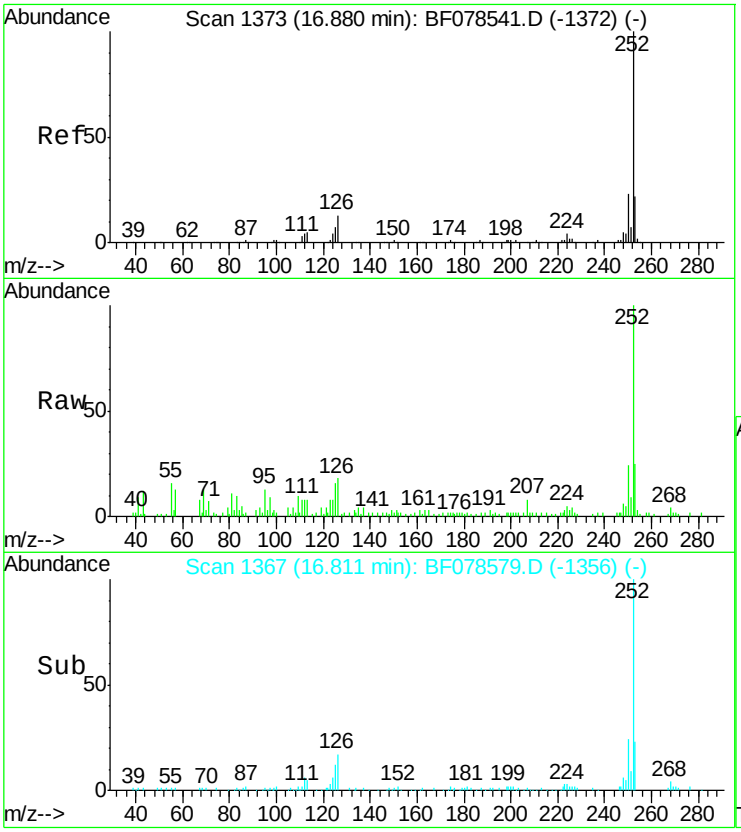


#87
Benzo(b)fluoranthene
Concen: 8.65 ng m
RT: 16.79 min Scan# 1365
Delta R.T. 0.03 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:252 Resp: 74406

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	13.5	7.0	10.4#



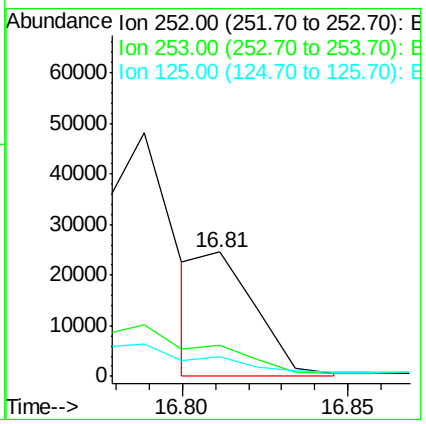


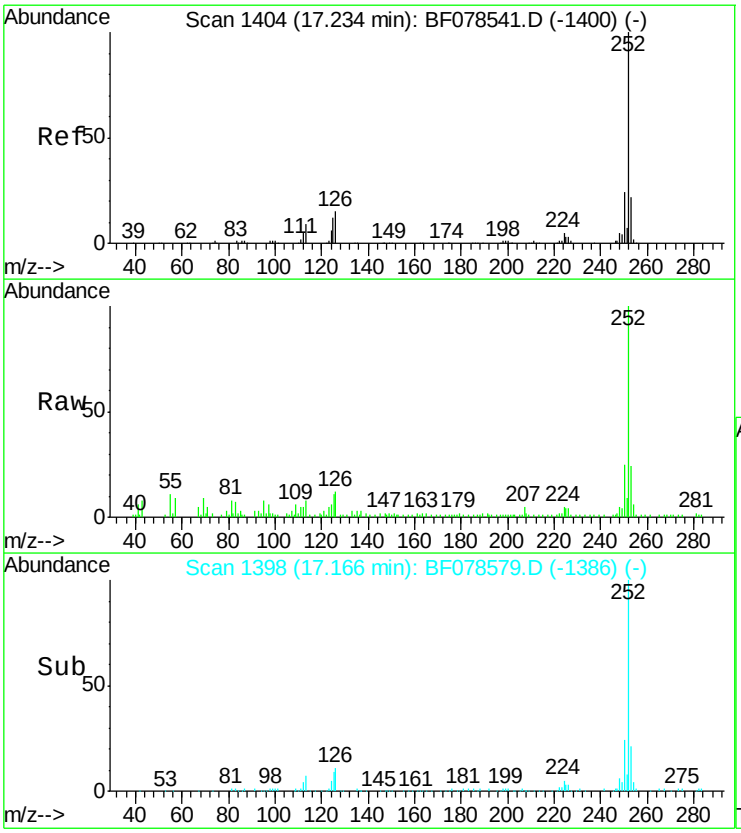
#88
Benzo(k)fluoranthene
Concen: 3.61 ng m
RT: 16.81 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:252 Resp: 27572

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	16.0	11.6	17.4

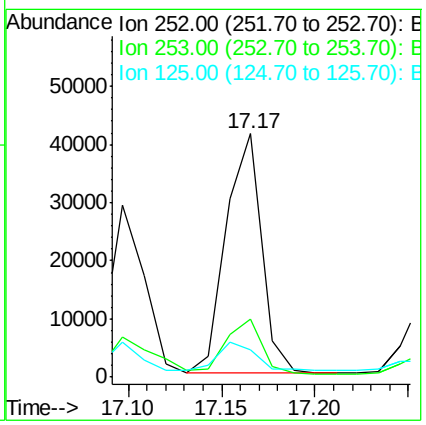


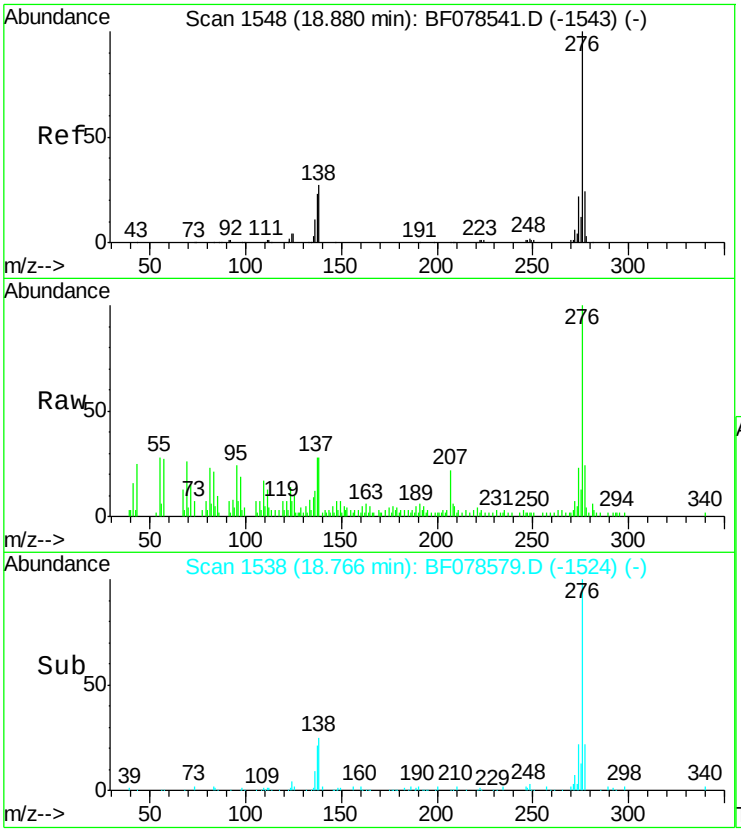


#89
Benzo(a)pyrene
Concen: 7.32 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.03 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Tgt Ion:252 Resp: 54947

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.8	25.2
125	11.1	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 4.75 ng m
RT: 18.77 min Scan# 1538
Delta R.T. 0.06 min
Lab File: BF078579.D
Acq: 16 Apr 2015 21:43

Instrument :
BNA_F
ClientSampleId :
LS-SB10A(7.5-8)

Tgt Ion:276 Resp: 35783

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	27.7	19.9	29.9