Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081570.D
Acq On : 10 Sep 2015 16:37
Operator : UM/IZ
Sample : G3543-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670UNDERCLIFF-1

Quant Time: Sep 10 17:14:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:31:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	52486	20.00	ng		0.00
21) Naphthalene-d8	11.17	136	209049	20.00	ng		0.00
38) Acenaphthene-d10	15.29	164	96356	20.00	ng		-0.01
63) Phenanthrene-d10	18.80	188	184820	20.00	ng		-0.01
75) Chrysene-d12	23.41	240	114976	20.00	ng		-0.01
86) Perylene-d12	24.85	264	89438	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	318520	94.16	ng		0.01
7) Phenol-d6	7.69	99	468409	104.61	ng		0.00
23) Nitrobenzene-d5	9.57	82	315656	72.85	ng		0.00
41) 2,4,6-Tribromophenol	17.20	330	94758	110.45	ng		-0.01
44) 2-Fluorobiphenyl	13.81	172	555376	73.86	ng		-0.01
78) Terphenyl-d14	22.15	244	481360	97.46	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.87	163	106749	14.26	ng	#	97
70) Phenanthrene	18.86	178	48751	4.74	ng		96
74) Fluoranthene	21.46	202	116566	10.48	ng		88
77) Pyrene	21.82	202	107369	12.61	ng		96
80) Benzo(a)anthracene	23.40	228	43833m	5.99	ng		
82) Chrysene	23.44	228	42153	6.42	ng		94
83) Bis(2-ethylhexyl)phthalate	23.52	149	18138	3.71	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.91	276	25262	5.25	ng	#	80
87) Benzo(b)fluoranthene	24.50	252	56433m	8.84	ng		
88) Benzo(k)fluoranthene	24.53	252	11675m	2.20	ng		
89) Benzo(a)pyrene	24.80	252	34172	6.32	ng	#	83
91) Benzo(g,h,i)perylene	26.22	276	24524	6.15	ng	#	73

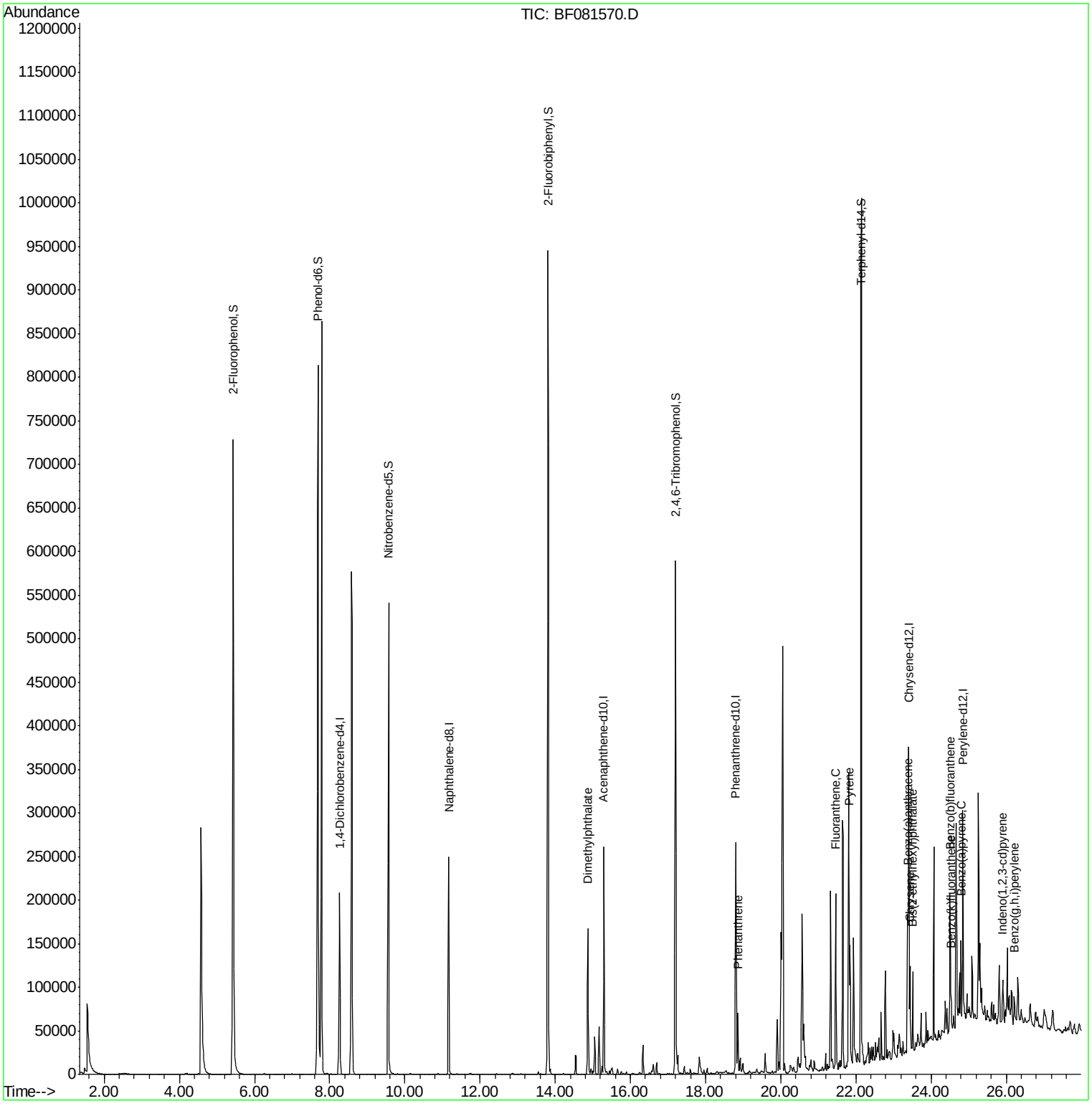
(#) = qualifier out of range (m) = manual integration (+) = signals summed

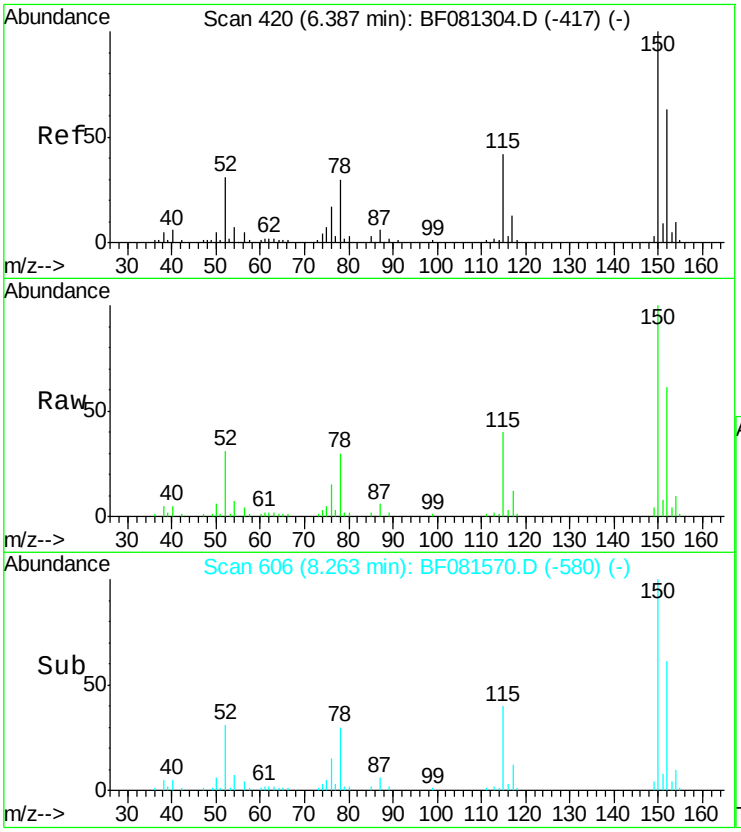
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081570.D
Acq On : 10 Sep 2015 16:37
Operator : UM/IZ
Sample : G3543-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Quant Time: Sep 10 17:14:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:31:29 2015
Response via : Initial Calibration



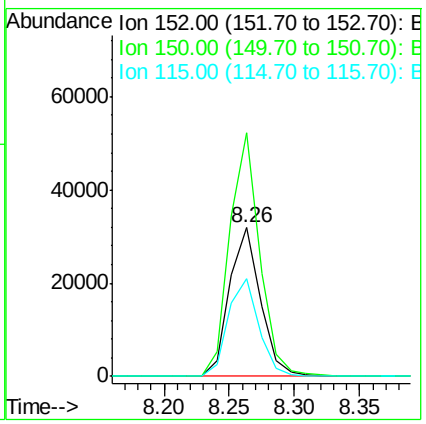


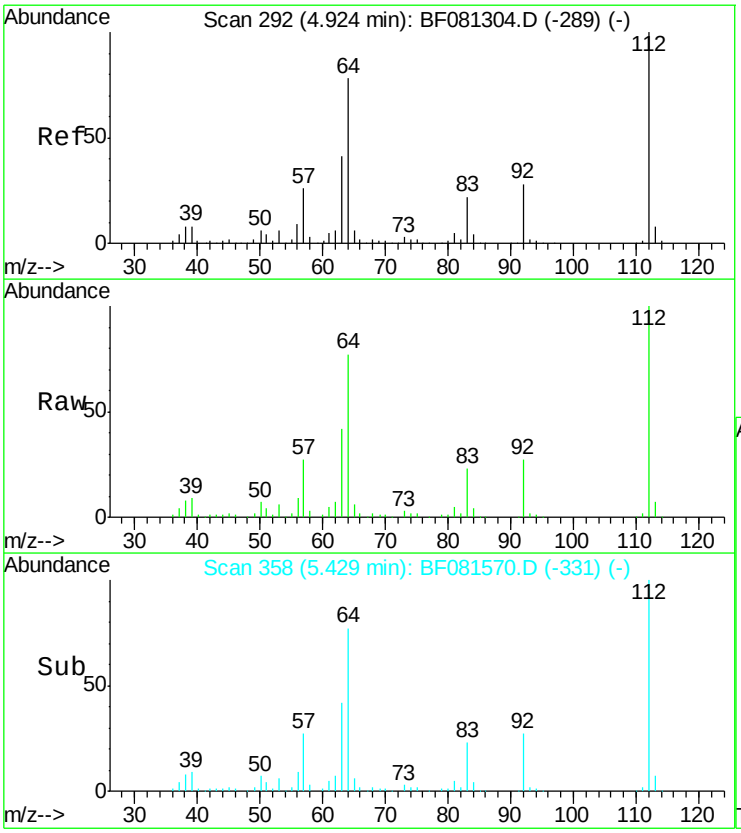
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:152 Resp: 52486

Ion	Ratio	Lower	Upper
152	100		
150	164.0	124.7	187.1
115	66.1	39.0	58.4#

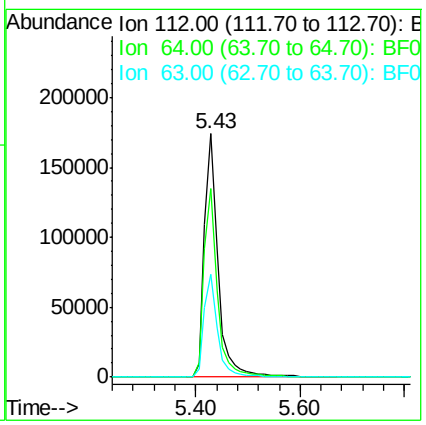


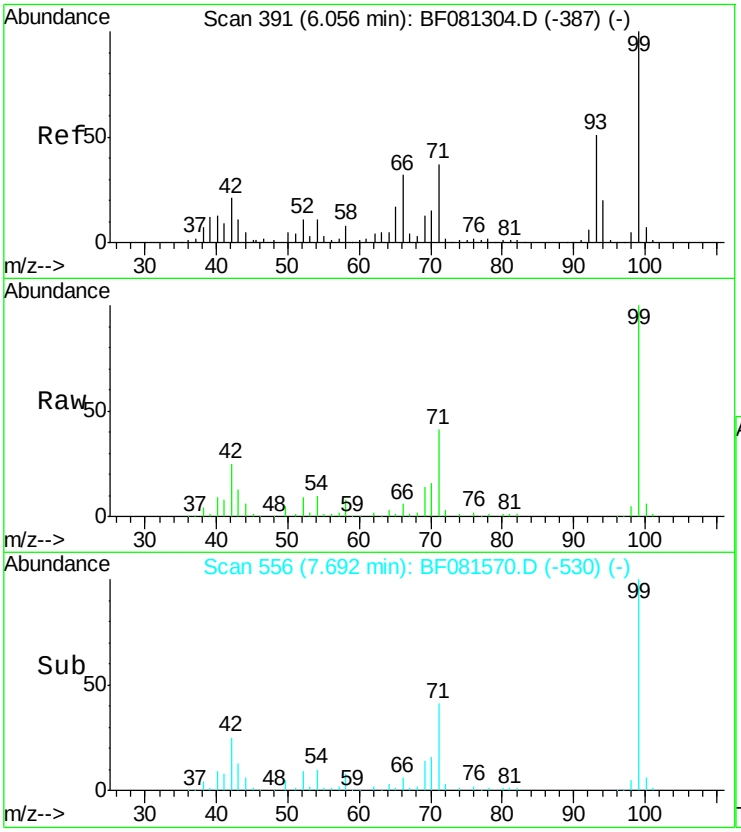


#5
2-Fluorophenol
Concen: 94.16 ng
RT: 5.43 min Scan# 358
Delta R.T. 0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:112 Resp: 318520

Ion	Ratio	Lower	Upper
112	100		
64	77.5	39.7	59.5#
63	42.5	17.4	26.0#



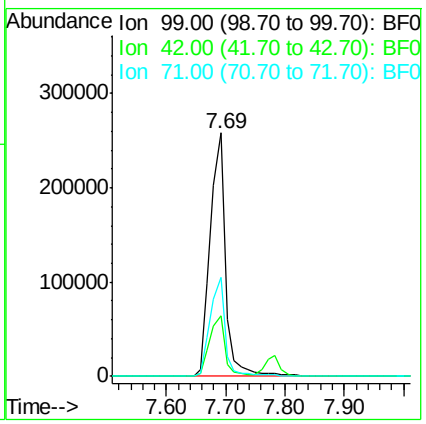


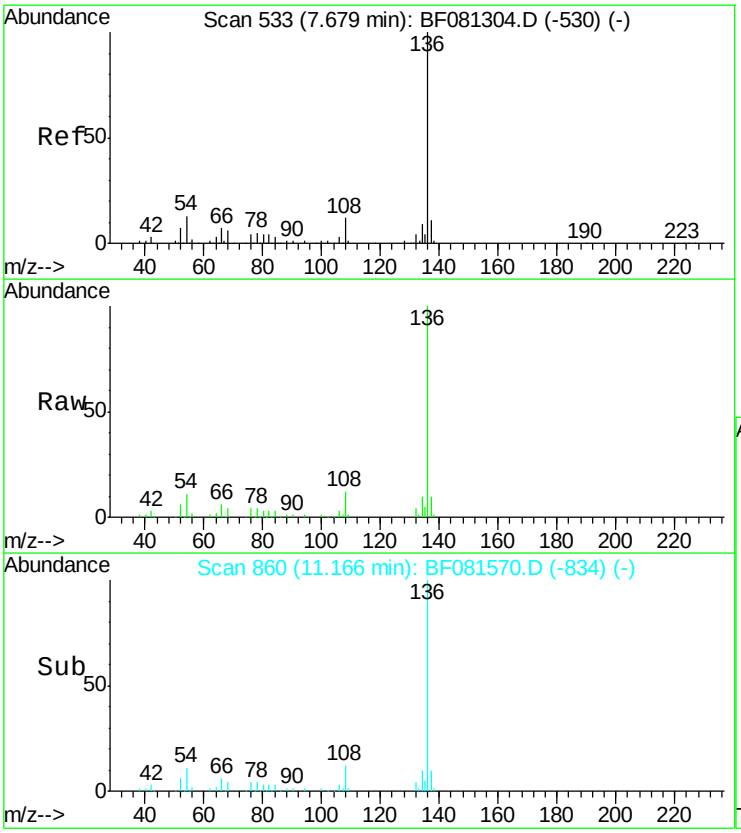
#7
Phenol-d6
Concen: 104.61 ng
RT: 7.69 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion: 99 Resp: 468409

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.7	20.5#
71	40.6	14.2	21.2#

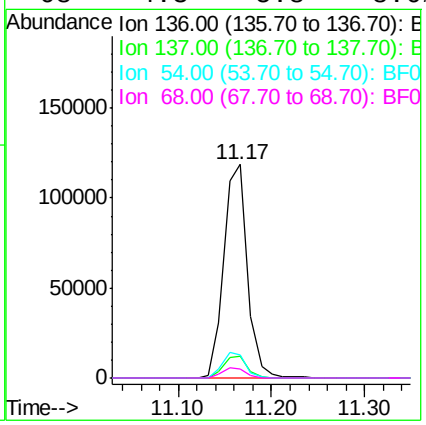


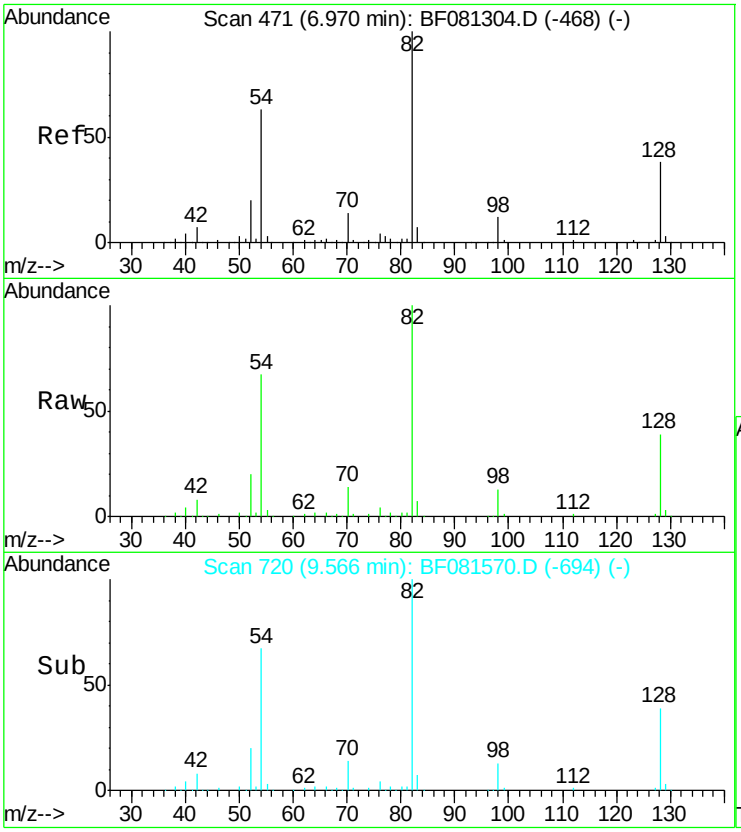


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.17 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:136 Resp: 209049

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.6
54	11.0	8.2	12.2
68	4.3	5.8	8.6#



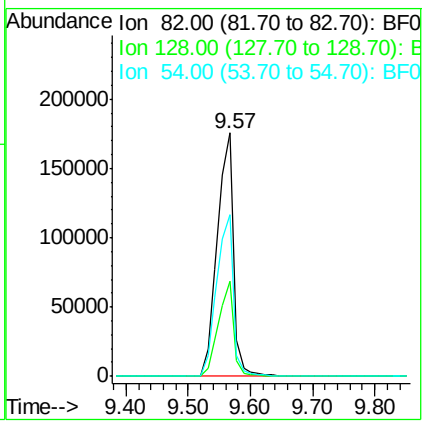


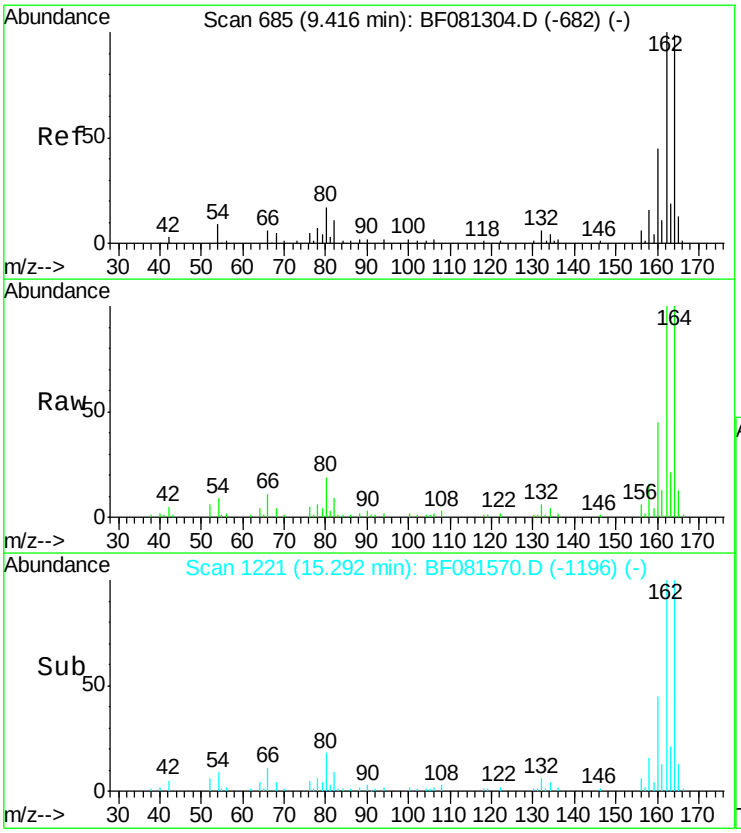
#23
Nitrobenzene-d5
Concen: 72.85 ng
RT: 9.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion: 82 Resp: 315656

Ion	Ratio	Lower	Upper
82	100		
128	38.9	51.0	76.6#
54	66.5	47.5	71.3

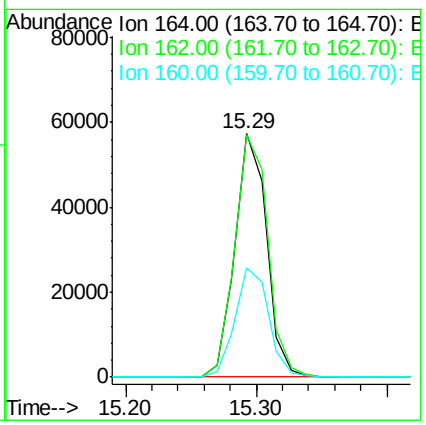


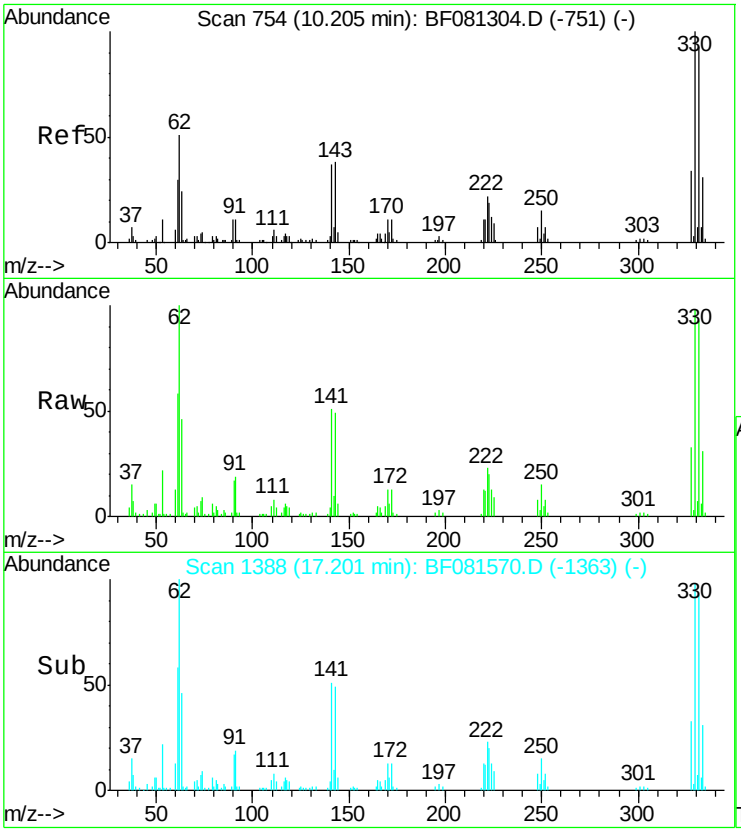


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.29 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:164 Resp: 96356

Ion	Ratio	Lower	Upper
164	100		
162	99.6	75.2	112.8
160	44.8	31.5	47.3



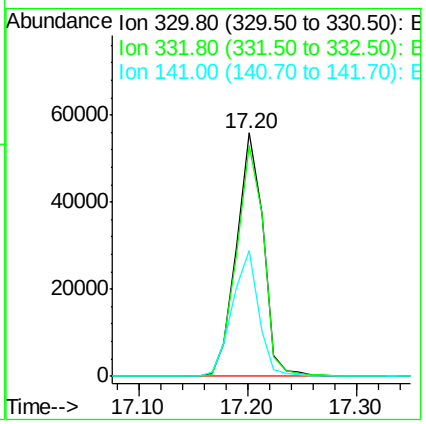


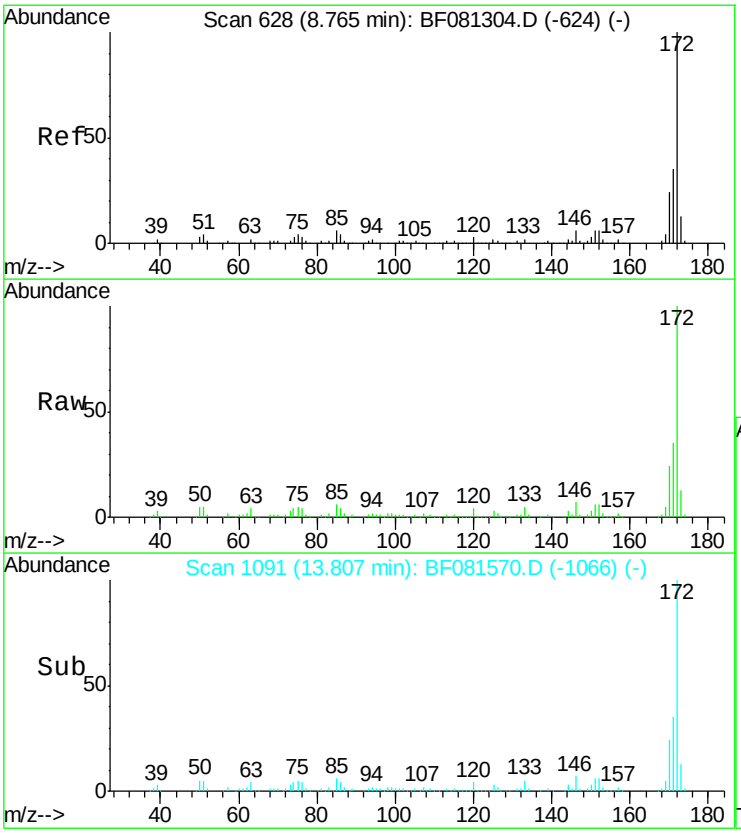
#41
2,4,6-Tribromophenol
Concen: 110.45 ng
RT: 17.20 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:330 Resp: 94758

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	51.0	29.7	44.5#

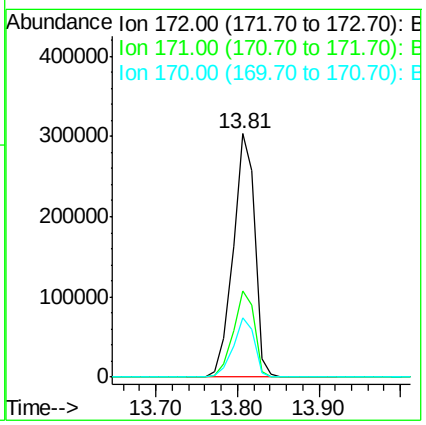


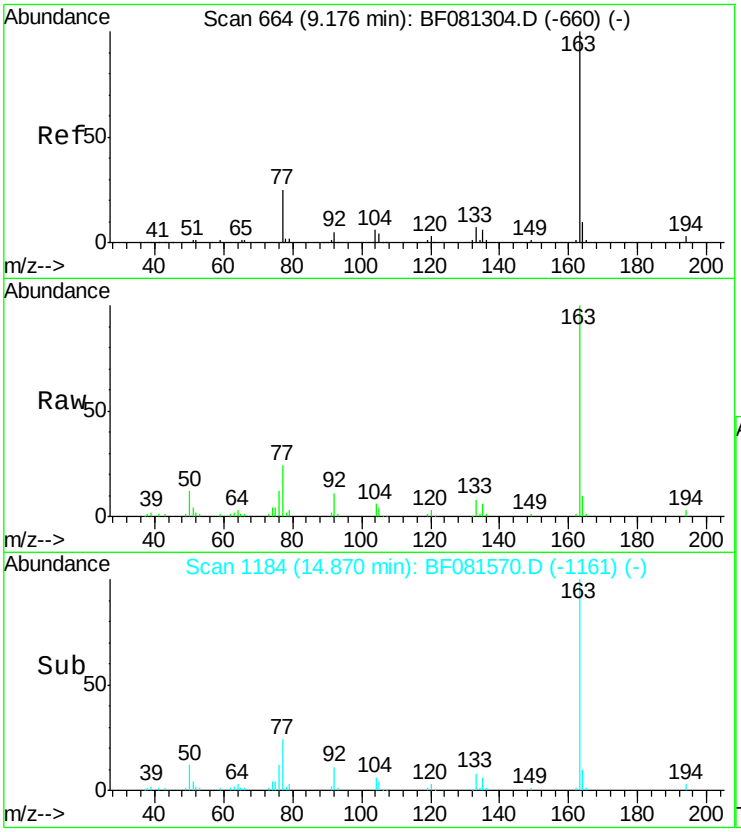


#44
2-Fluorobiphenyl
Concen: 73.86 ng
RT: 13.81 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:172 Resp: 555376

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.5	17.4	26.2



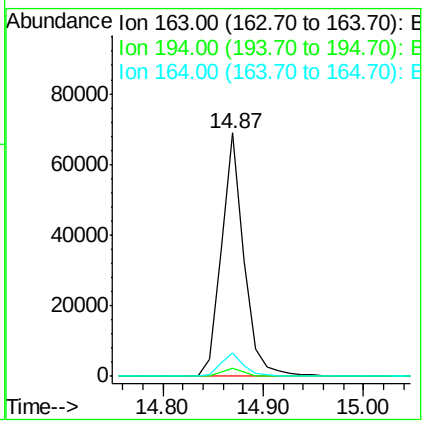


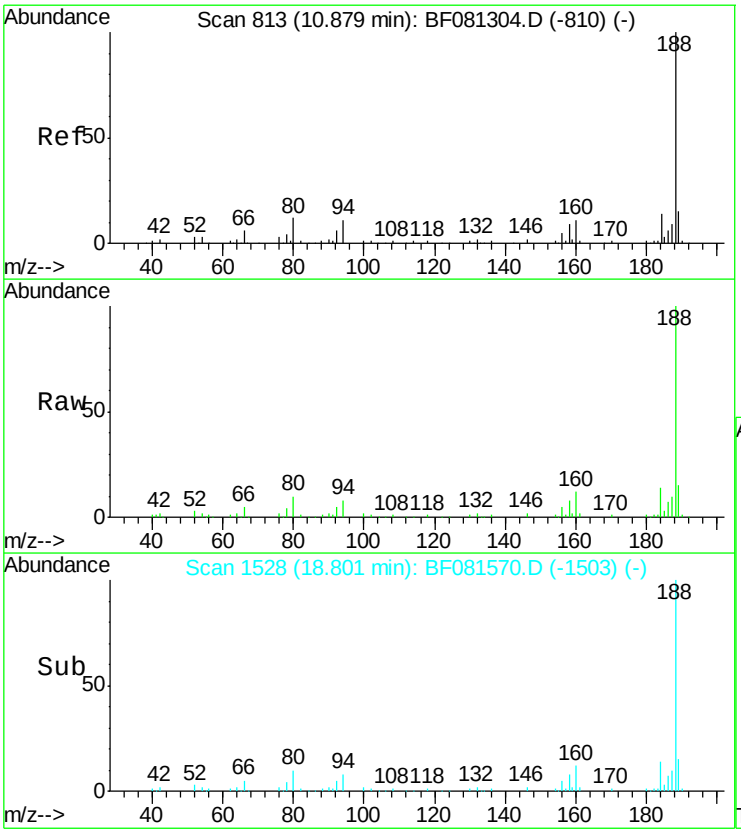
#49
Dimethylphthalate
Concen: 14.26 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:163 Resp: 106749

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	9.9	8.3	12.5

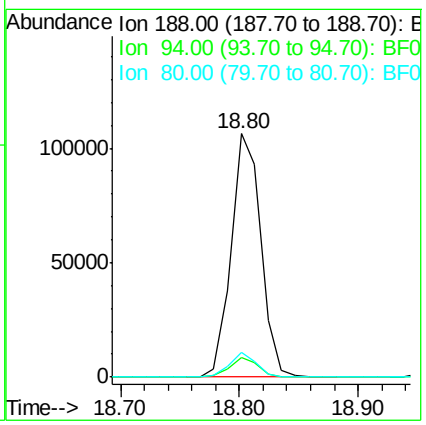


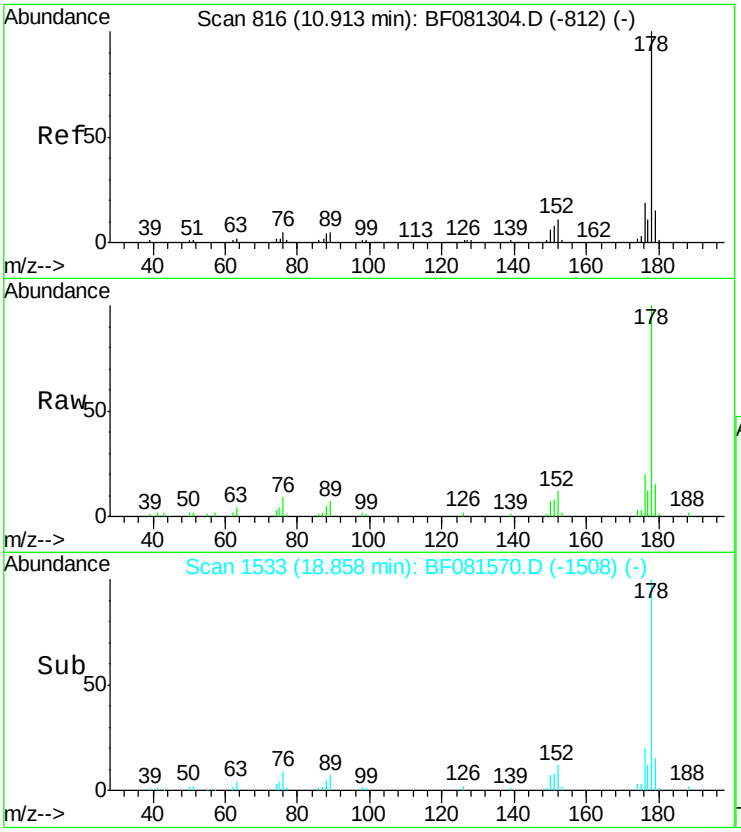


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:188 Resp: 184820

Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	10.0	11.0	16.4#



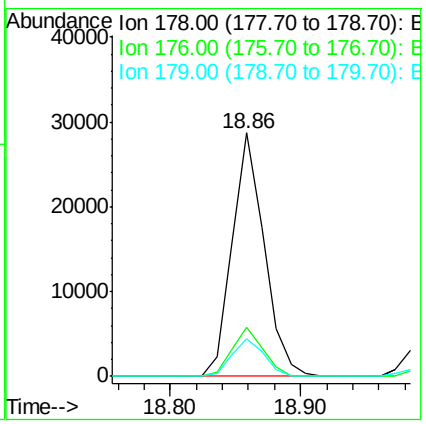


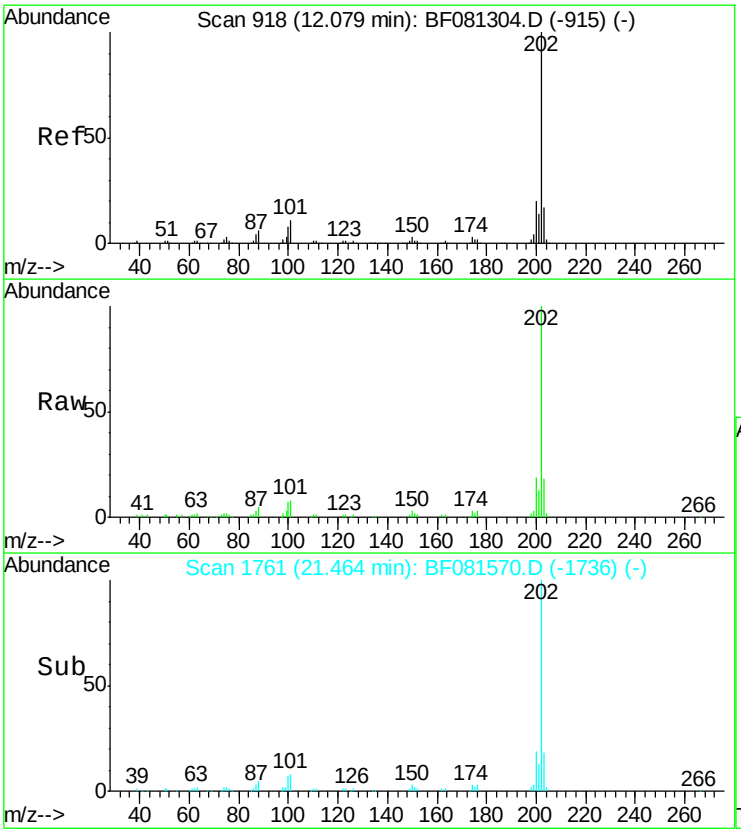
#70
Phenanthrene
Concen: 4.74 ng
RT: 18.86 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:178 Resp: 48751

Ion	Ratio	Lower	Upper
178	100		
176	20.3	13.8	20.8
179	15.4	12.2	18.2

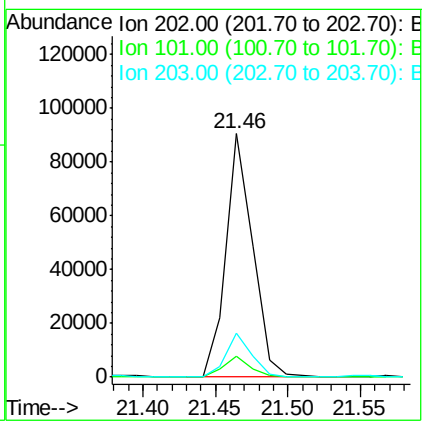


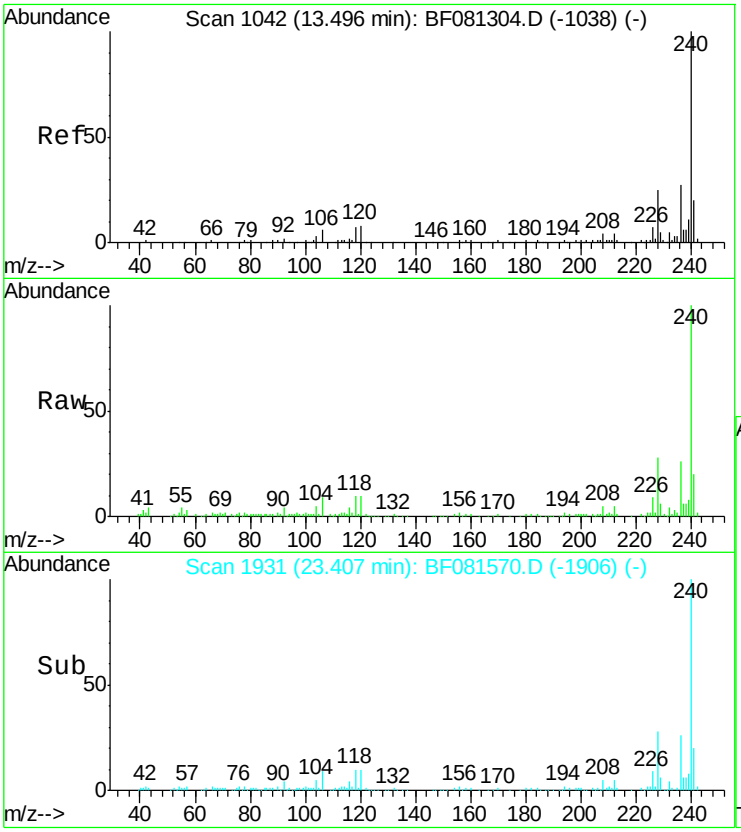


#74
Fluoranthene
Concen: 10.48 ng
RT: 21.46 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:202 Resp: 116566

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	38.3
203	18.1	0.0	37.3



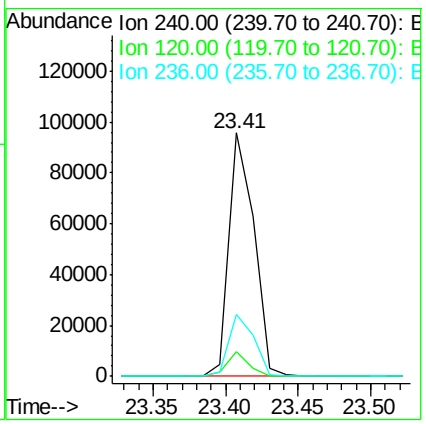


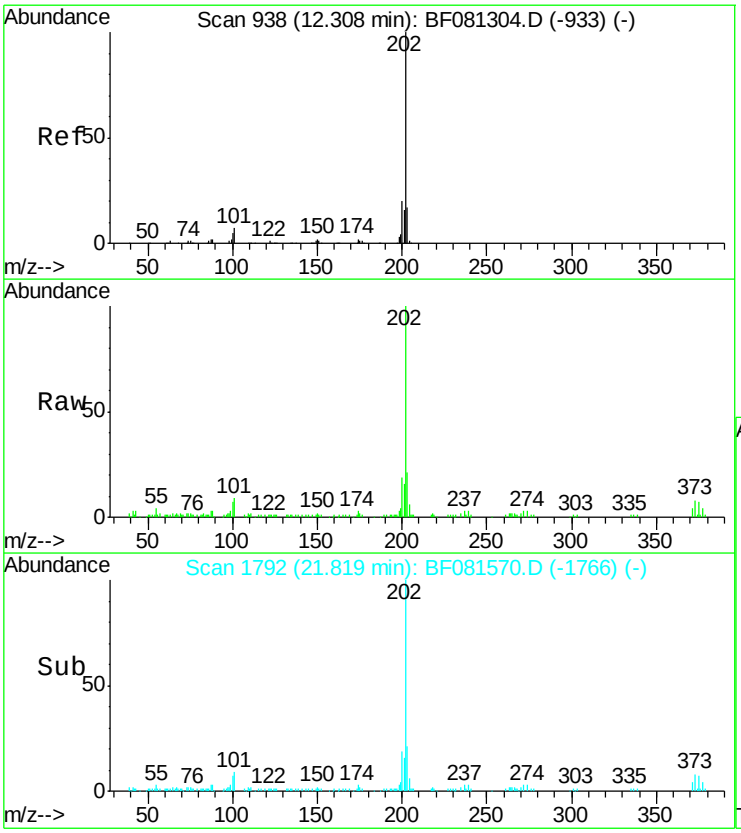
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:240 Resp: 114976

Ion	Ratio	Lower	Upper
240	100		
120	10.1	16.2	24.2#
236	25.6	18.4	27.6

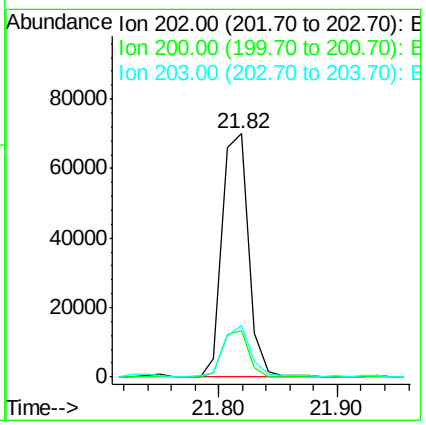


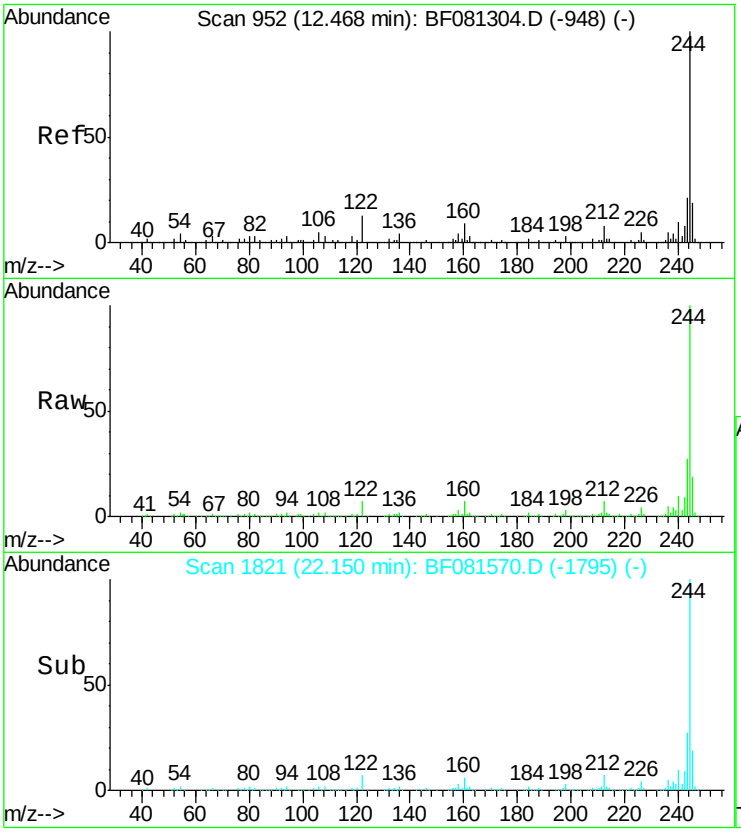


#77
Pyrene
Concen: 12.61 ng
RT: 21.82 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:202 Resp: 107369

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.0	22.4
203	21.0	14.1	21.1



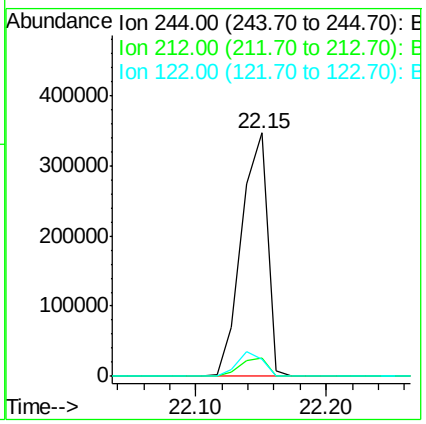


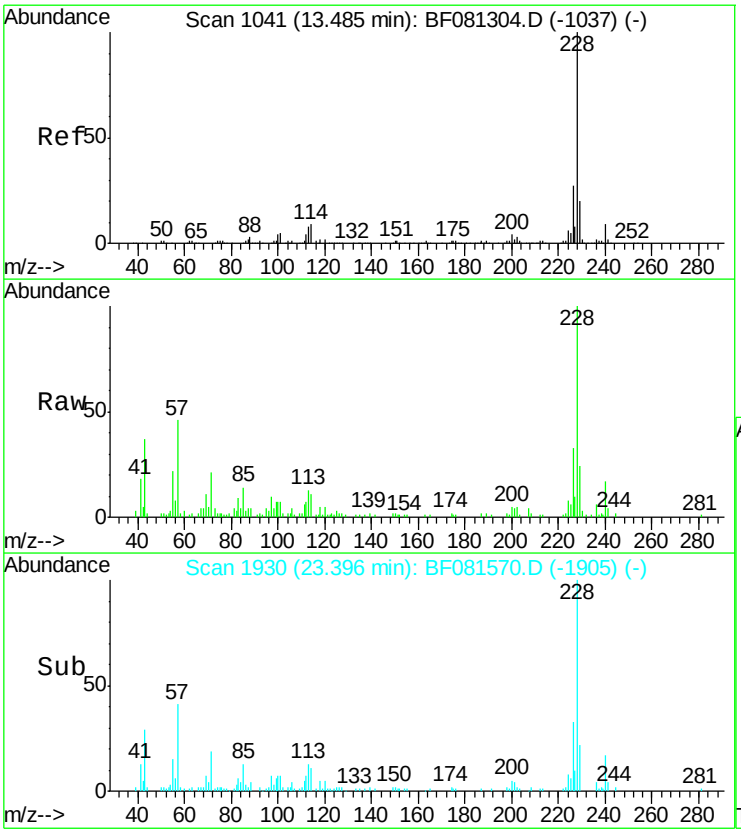
#78
Terphenyl-d14
Concen: 97.46 ng
RT: 22.15 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:244 Resp: 481360

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	6.9	17.4	26.2#

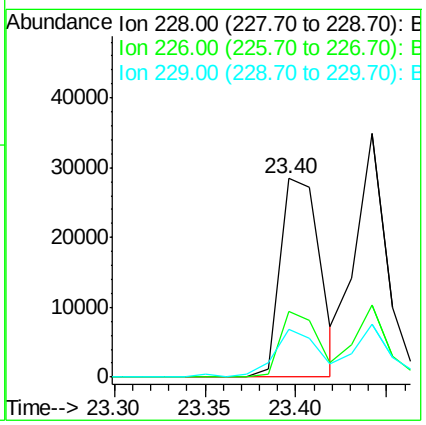


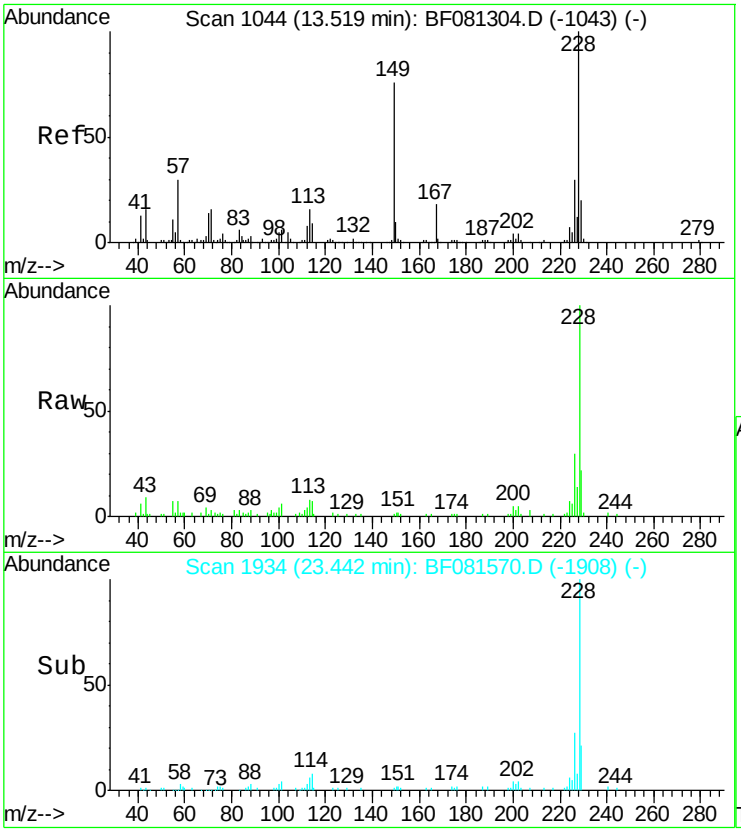


#80
Benzo(a)anthracene
Concen: 5.99 ng m
RT: 23.40 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:228 Resp: 43833

Ion	Ratio	Lower	Upper
228	100		
226	32.8	20.0	30.0#
229	24.0	15.4	23.2#



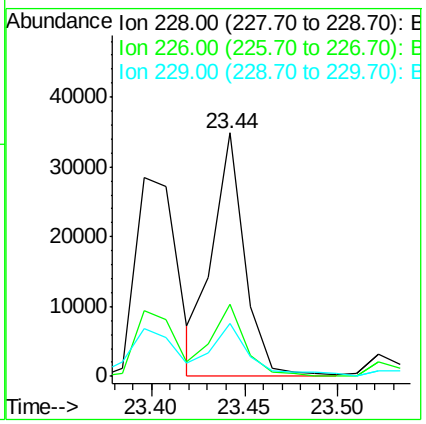


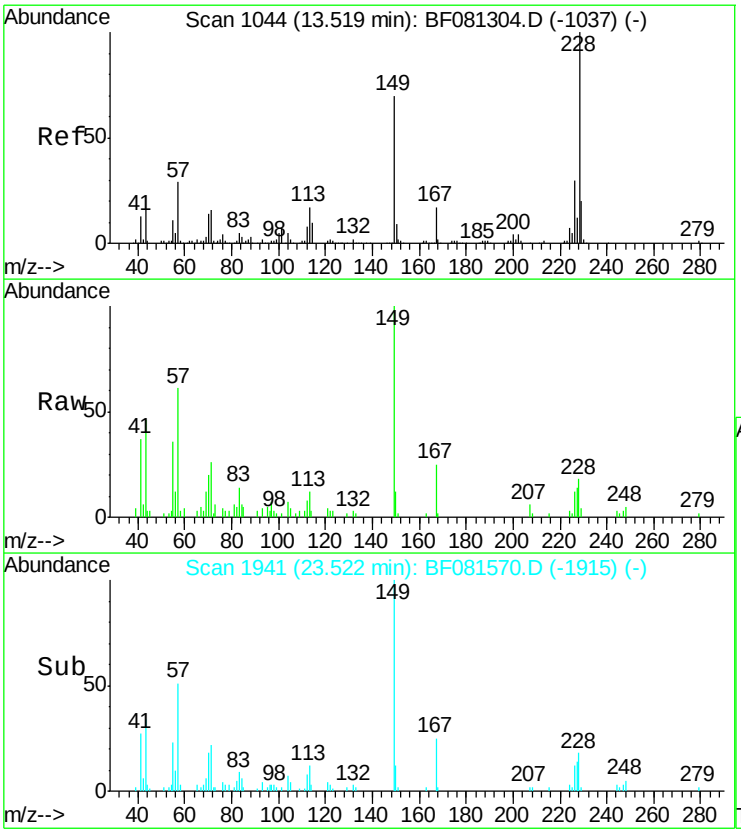
#82
Chrysene
Concen: 6.42 ng
RT: 23.44 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:228 Resp: 42153

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	21.5	15.6	23.4

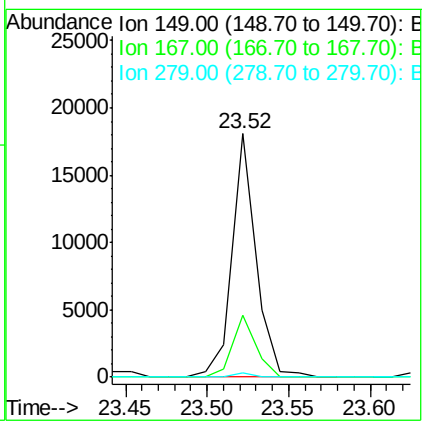


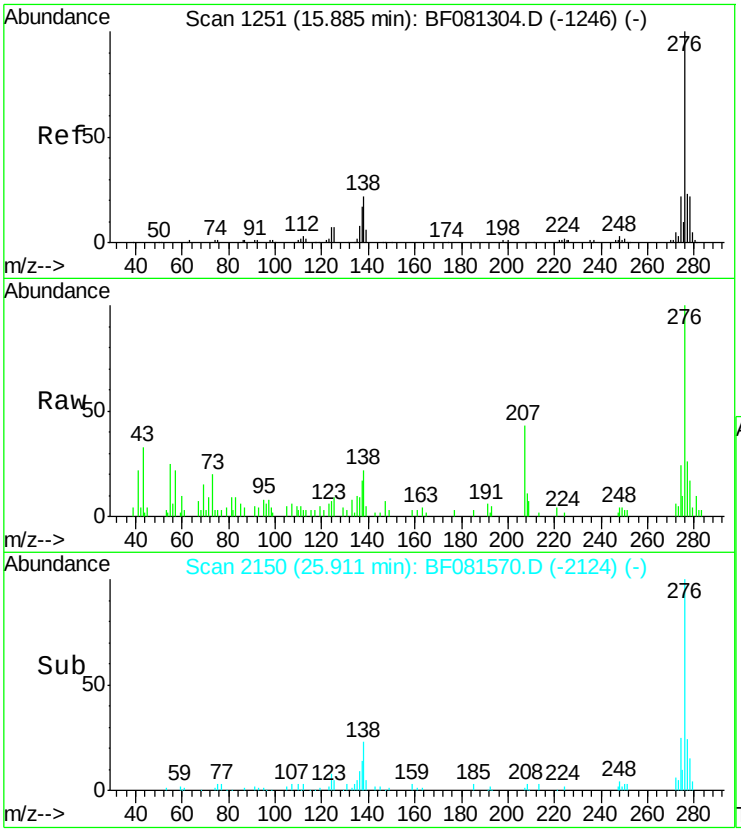


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.71 ng
RT: 23.52 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:149 Resp: 18138

Ion	Ratio	Lower	Upper
149	100		
167	25.5	24.2	36.2
279	1.8	3.8	5.6#



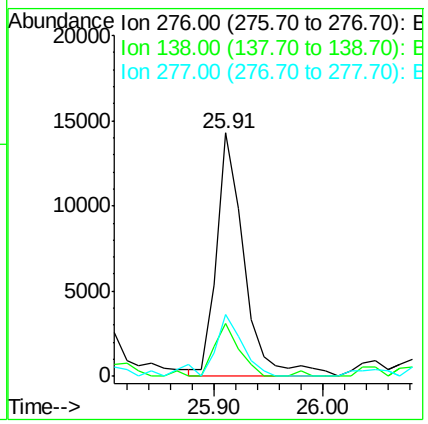


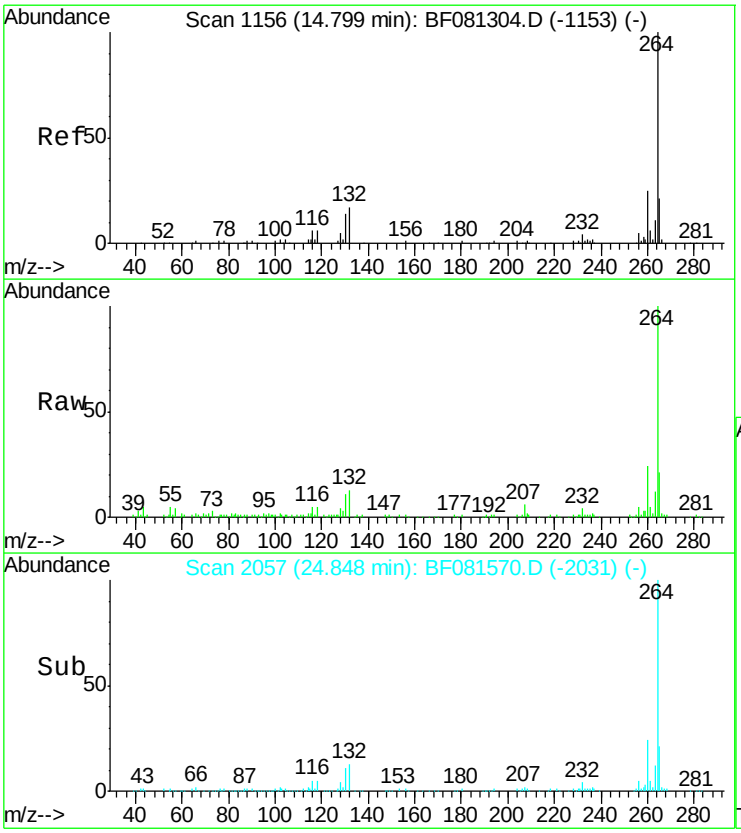
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.25 ng
RT: 25.91 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:276 Resp: 25262

Ion	Ratio	Lower	Upper
276	100		
138	20.5	25.7	38.5#
277	27.5	15.6	23.4#

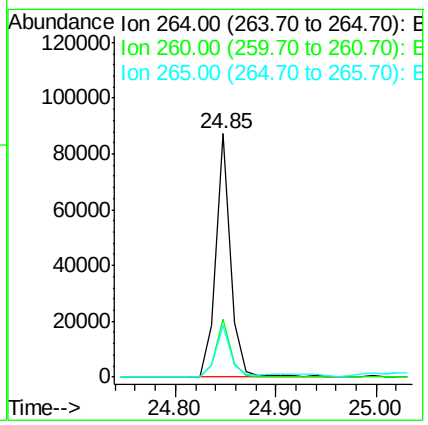


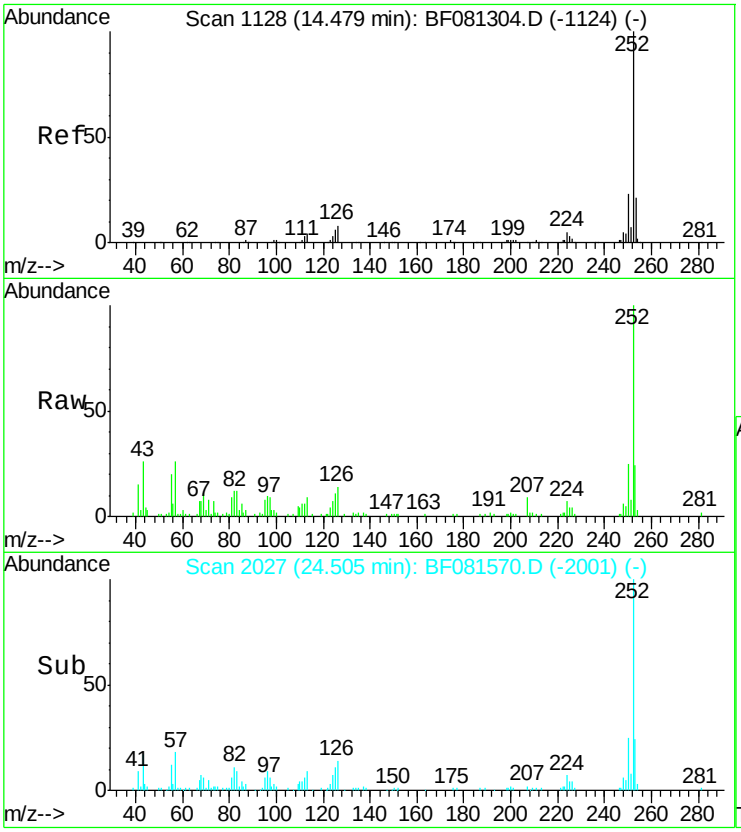


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:264 Resp: 89438

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.2	17.2	25.8



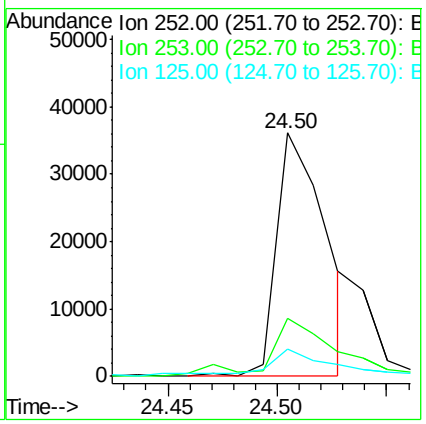


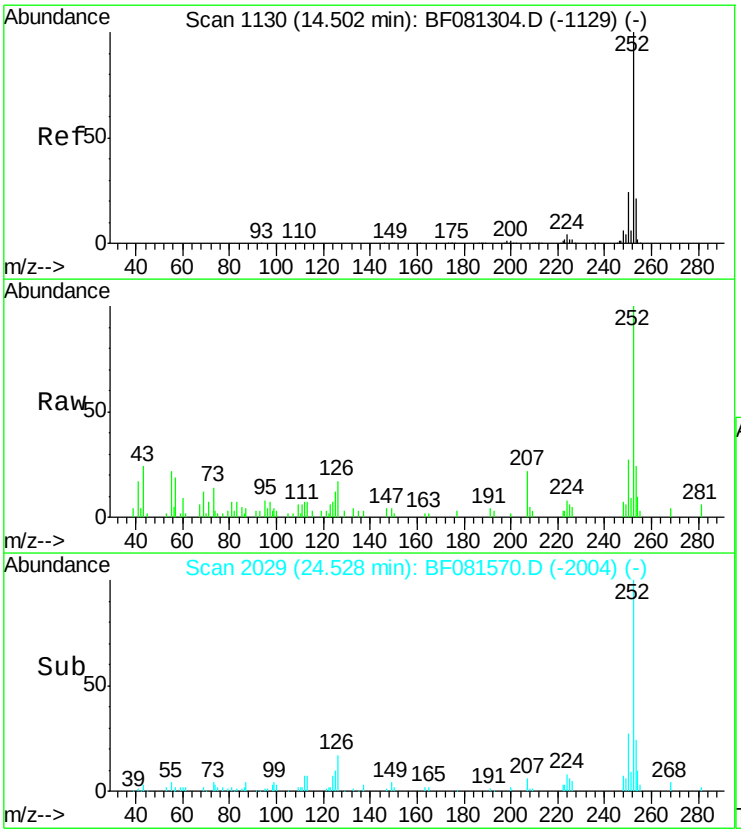
#87
Benzo(b)fluoranthene
Concen: 8.84 ng m
RT: 24.50 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:252 Resp: 56433

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	11.2	17.1	25.7#

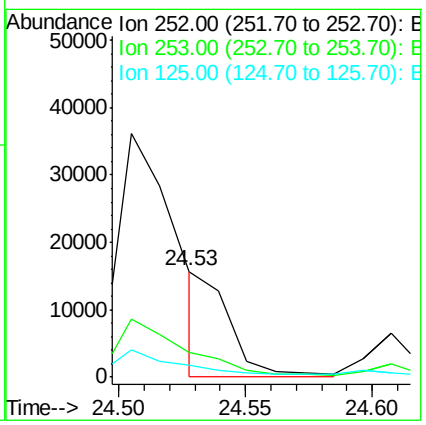


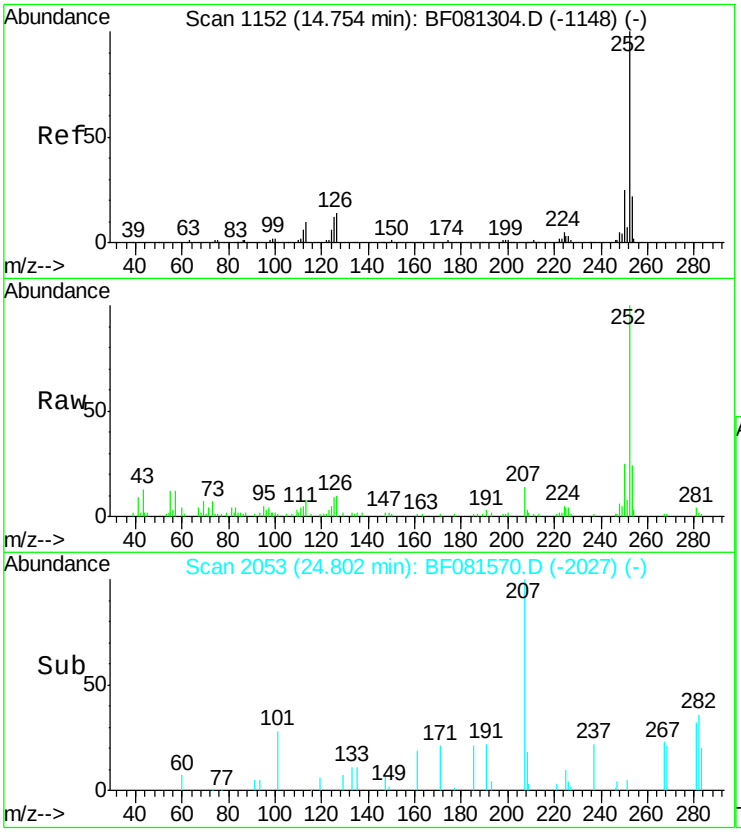


#88
Benzo(k)fluoranthene
Concen: 2.20 ng m
RT: 24.53 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:252 Resp: 11675

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.4
125	11.9	16.0	24.0#



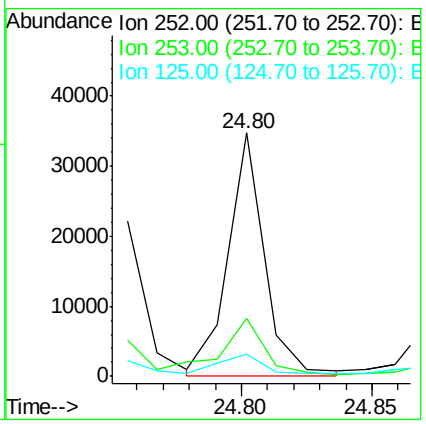


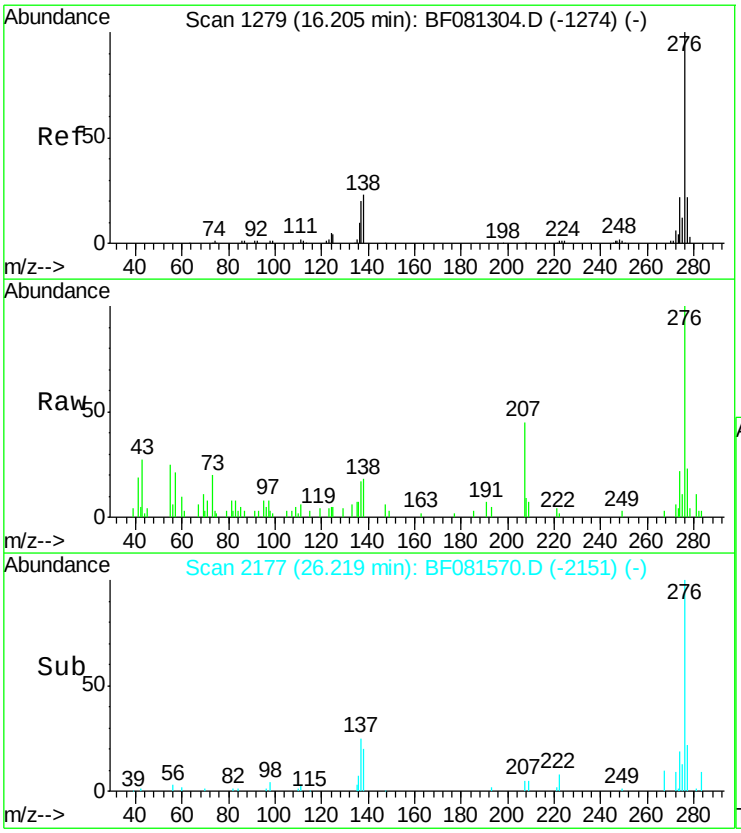
#89
Benzo(a)pyrene
Concen: 6.32 ng
RT: 24.80 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1

Tgt Ion:252 Resp: 34172

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	8.9	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 6.15 ng
RT: 26.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF081570.D
Acq: 10 Sep 2015 16:37

Tgt Ion:276 Resp: 24524

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	17.6	34.6	51.8#