Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081634.D
Acq On : 15 Sep 2015 17:51
Operator : UM/IZ
Sample : G3543-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670UNDERCLIFF-1RE

Quant Time: Sep 16 00:54:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	57180	20.00	ng		-0.01
21) Naphthalene-d8	11.11	136	229284	20.00	ng		-0.01
38) Acenaphthene-d10	15.25	164	103244	20.00	ng		-0.01
63) Phenanthrene-d10	18.76	188	187943	20.00	ng		0.00
75) Chrysene-d12	23.38	240	120853	20.00	ng		0.00
86) Perylene-d12	24.81	264	97003	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	345458	93.74	ng		0.01
7) Phenol-d6	7.63	99	510162	104.58	ng		-0.01
23) Nitrobenzene-d5	9.51	82	340199	71.59	ng		-0.02
41) 2,4,6-Tribromophenol	17.16	330	95810	104.22	ng		-0.01
44) 2-Fluorobiphenyl	13.76	172	603076	74.85	ng		-0.01
78) Terphenyl-d14	22.12	244	442813	85.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.54	88	7364	4.45	ng	#	11
19) n-Nitroso-di-n-propylamine	9.51	70	45977	13.85	ng	#	68
49) Dimethylphthalate	14.81	163	118520	14.78	ng	#	96
70) Phenanthrene	18.80	178	50184	4.80	ng		97
74) Fluoranthene	21.43	202	112037	9.91	ng		87
77) Pyrene	21.77	202	97850	10.93	ng		98
80) Benzo(a)anthracene	23.37	228	43472	5.65	ng		95
82) Chrysene	23.41	228	45482	6.59	ng		92
83) Bis(2-ethylhexyl)phthalate	23.49	149	19952	3.88	ng	#	86
85) Indeno(1,2,3-cd)pyrene	25.87	276	21393	4.23	ng	#	80
87) Benzo(b)fluoranthene	24.48	252	77618	11.21	ng	#	86
88) Benzo(k)fluoranthene	24.48	252	77618	13.51	ng	#	87
89) Benzo(a)pyrene	24.77	252	38046	6.48	ng	#	86
91) Benzo(g,h,i)perylene	26.17	276	17798	4.11	ng	#	72

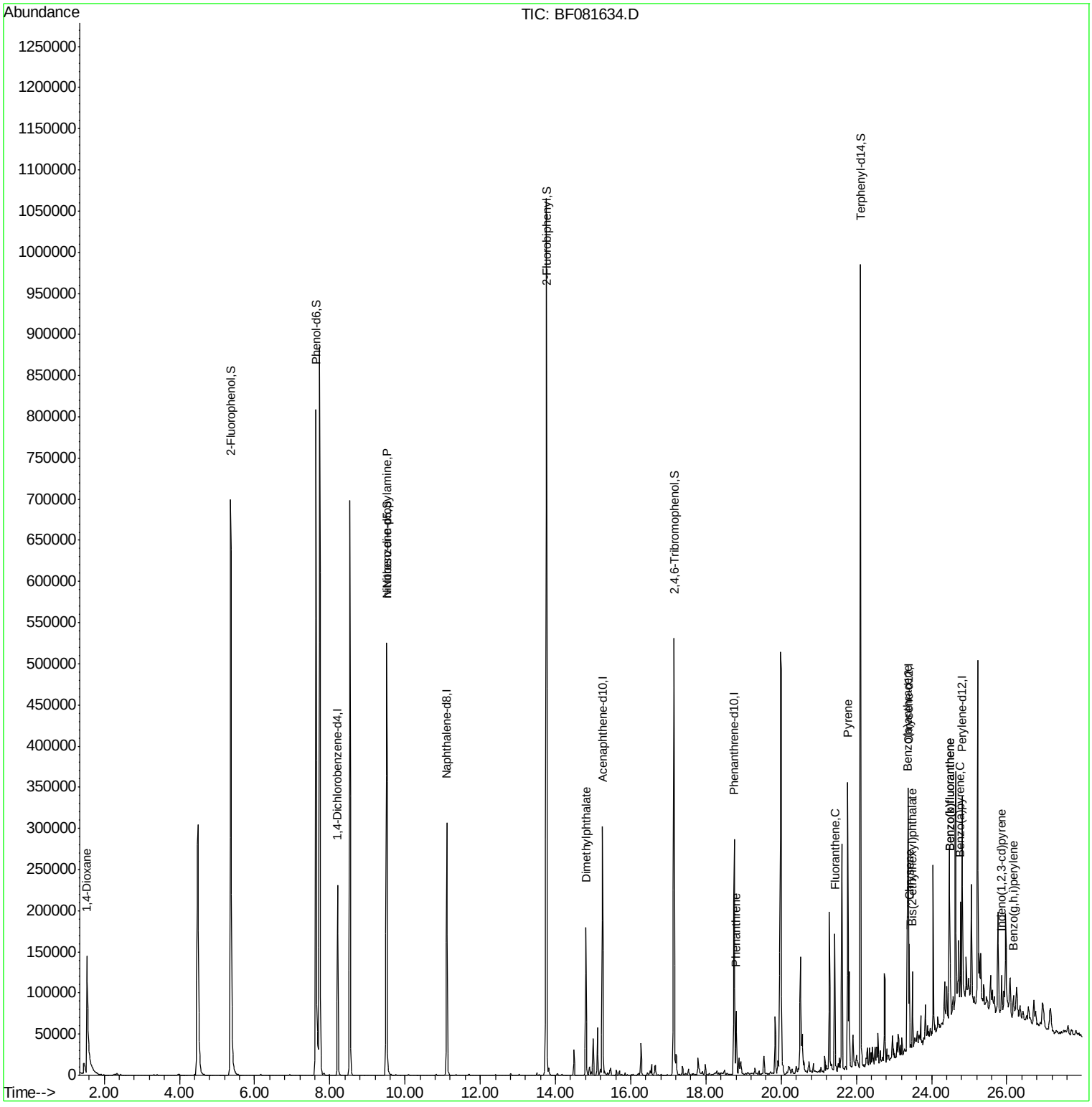
(#) = qualifier out of range (m) = manual integration (+) = signals summed

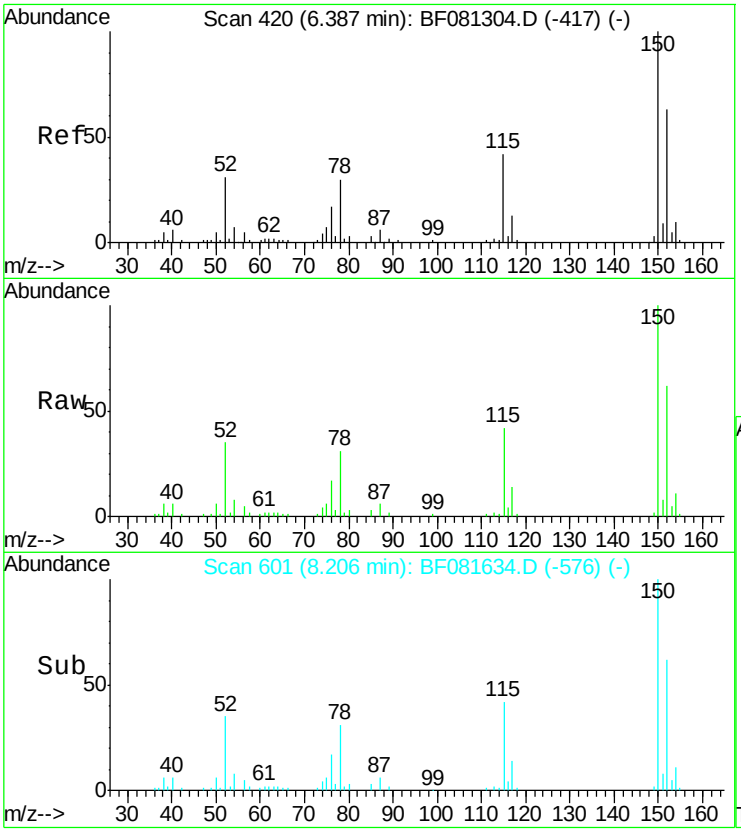
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081634.D
Acq On : 15 Sep 2015 17:51
Operator : UM/IZ
Sample : G3543-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Quant Time: Sep 16 00:54:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration



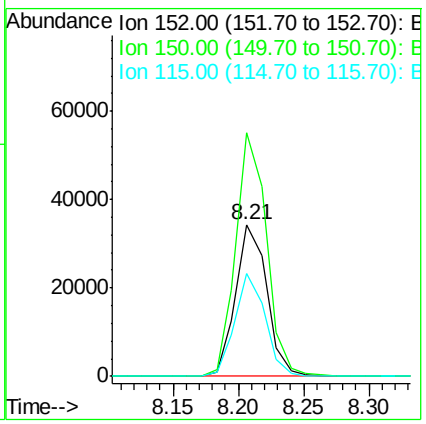


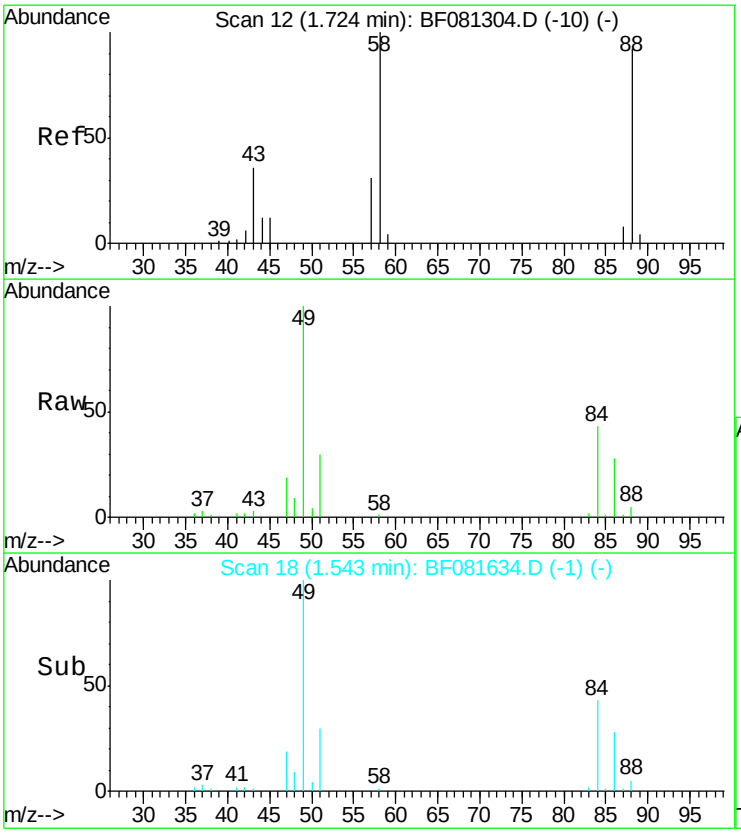
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:152 Resp: 57180

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.7	187.1
115	67.8	39.0	58.4#

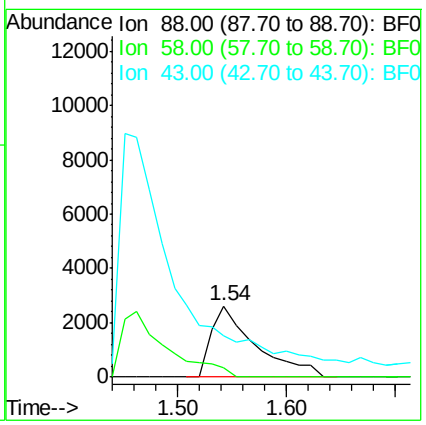


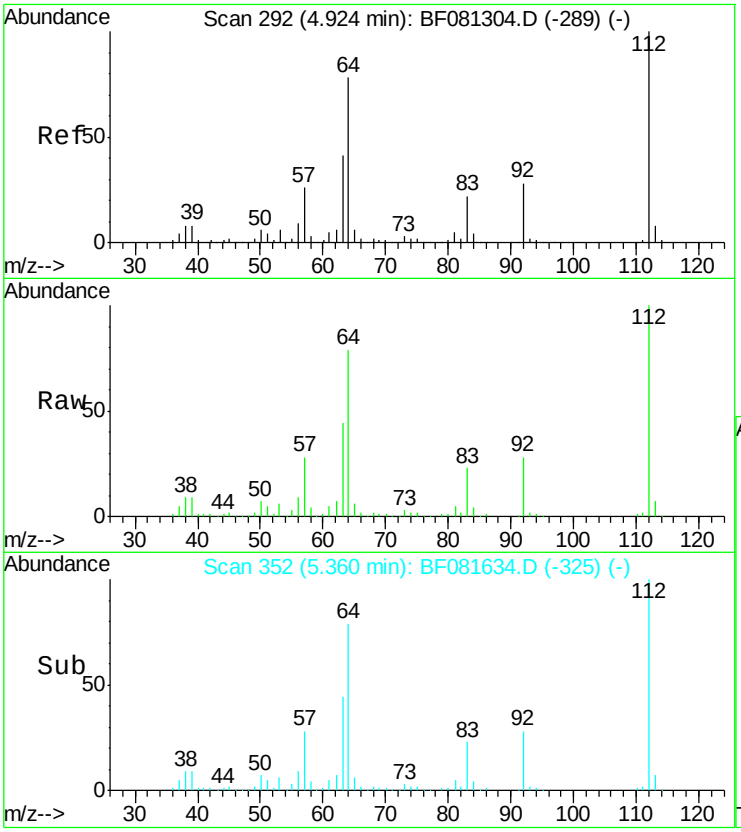


#2
1,4-Dioxane
Concen: 4.45 ng
RT: 1.54 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion: 88 Resp: 7364

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



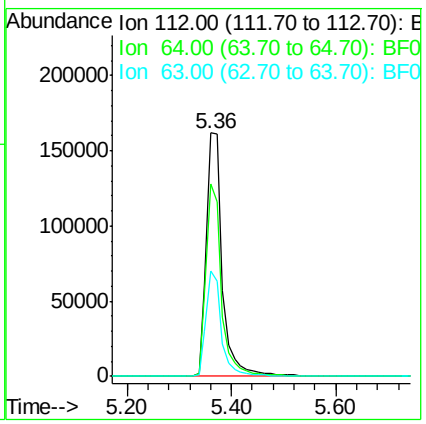


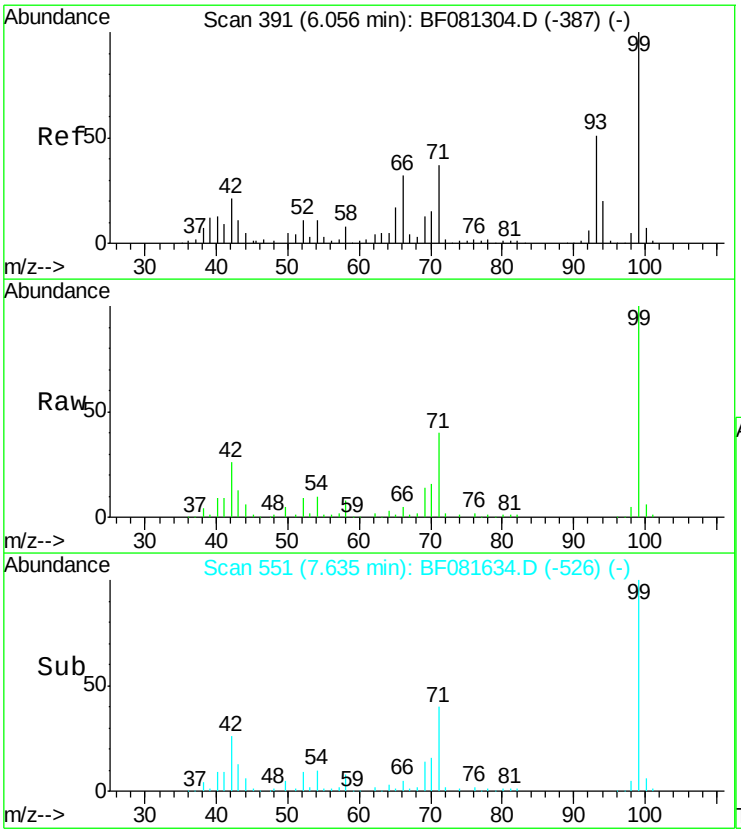
#5
2-Fluorophenol
Concen: 93.74 ng
RT: 5.36 min Scan# 352
Delta R.T. 0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:112 Resp: 345458

Ion	Ratio	Lower	Upper
112	100		
64	79.1	39.7	59.5#
63	43.5	17.4	26.0#

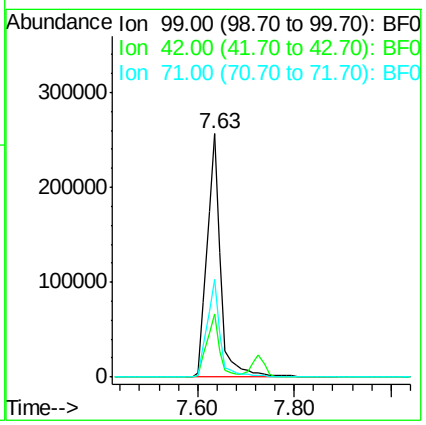


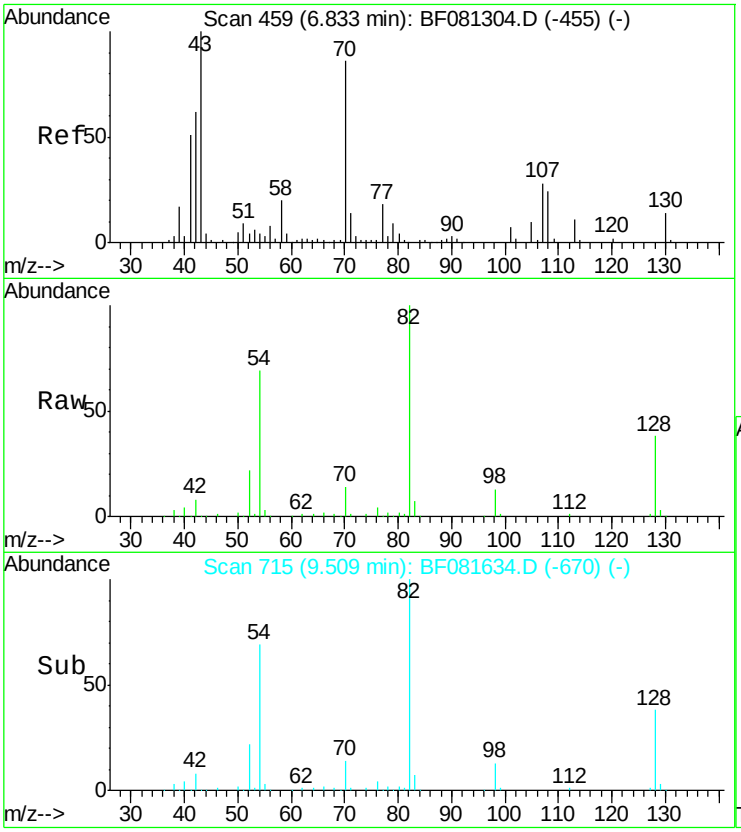


#7
Phenol-d6
Concen: 104.58 ng
RT: 7.63 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion: 99 Resp: 510162

Ion	Ratio	Lower	Upper
99	100		
42	25.8	13.7	20.5#
71	40.0	14.2	21.2#



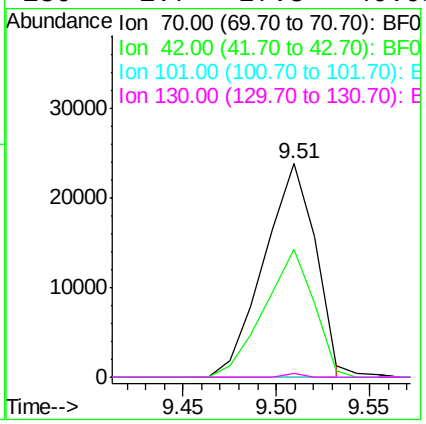


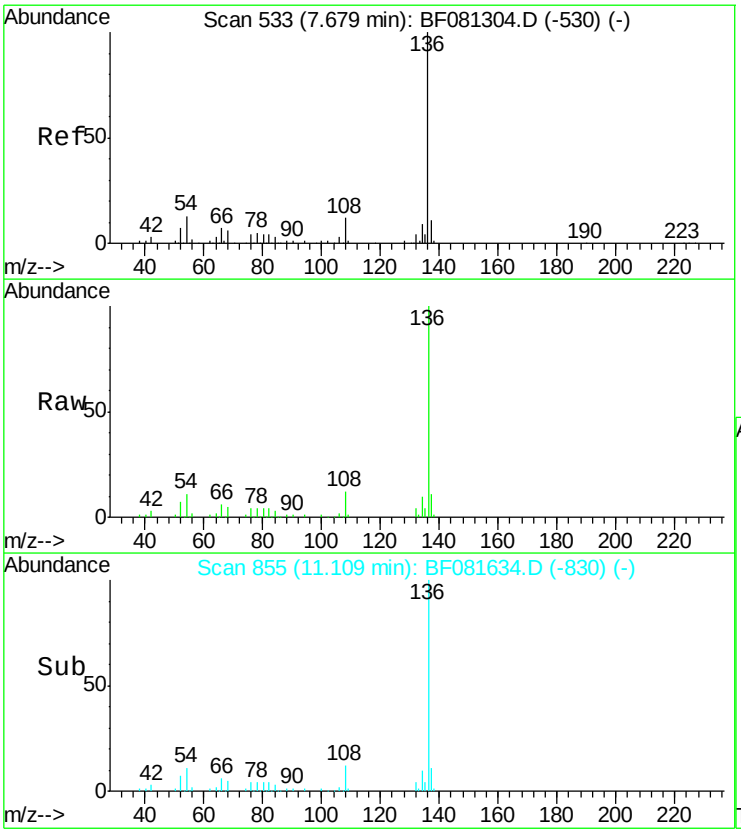
#19
n-Nitroso-di-n-propylamine
Concen: 13.85 ng
RT: 9.51 min Scan# 715
Delta R.T. 0.22 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion: 70 Resp: 45977

Ion	Ratio	Lower	Upper
70	100		
42	59.8	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#

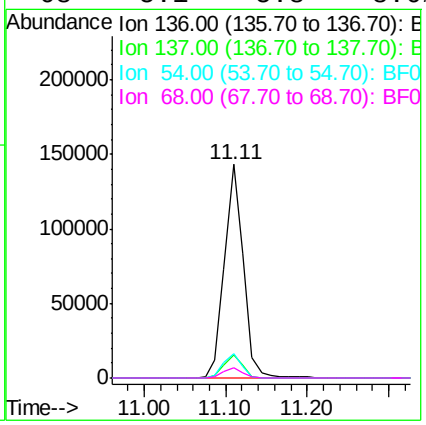


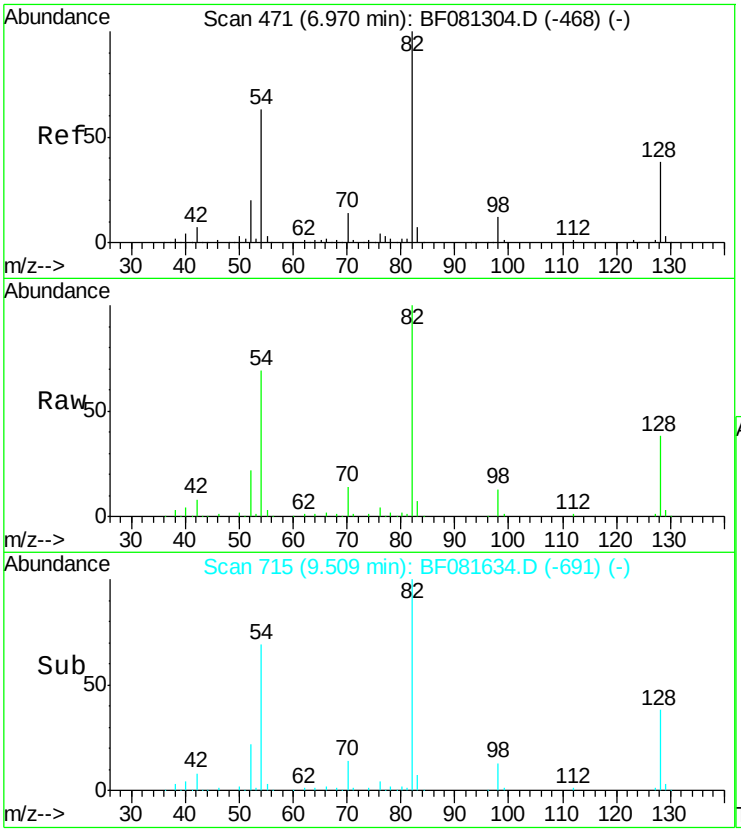


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:136 Resp: 229284

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	11.3	8.2	12.2
68	5.1	5.8	8.6#



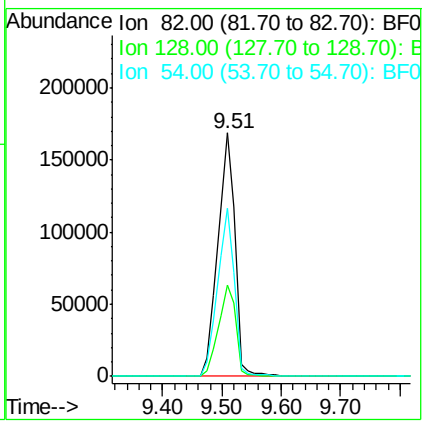


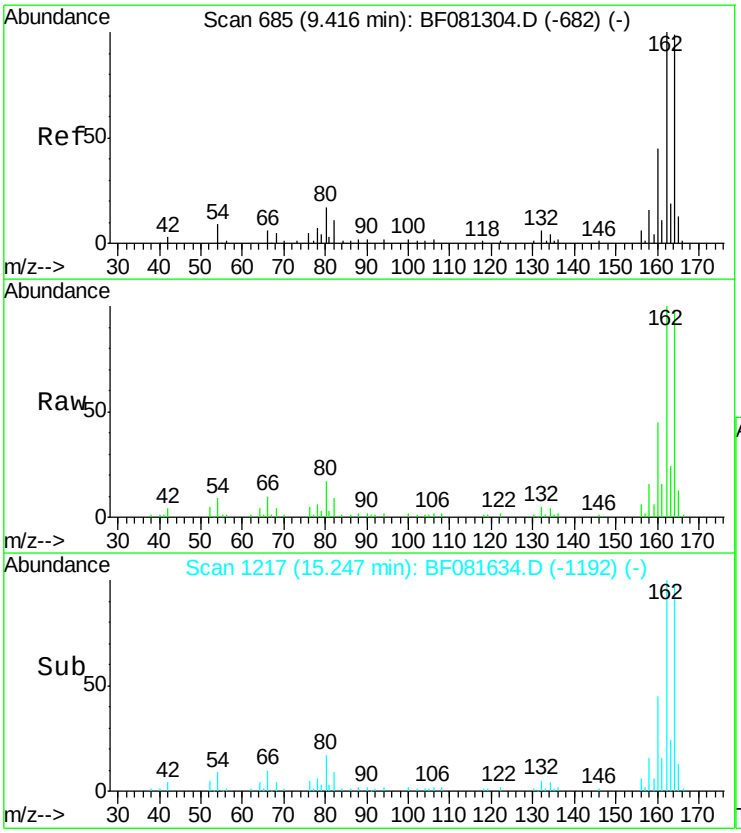
#23
Nitrobenzene-d5
Concen: 71.59 ng
RT: 9.51 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion: 82 Resp: 340199

Ion	Ratio	Lower	Upper
82	100		
128	37.6	51.0	76.6#
54	69.0	47.5	71.3

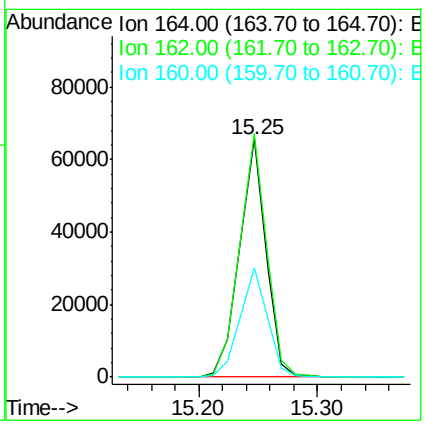


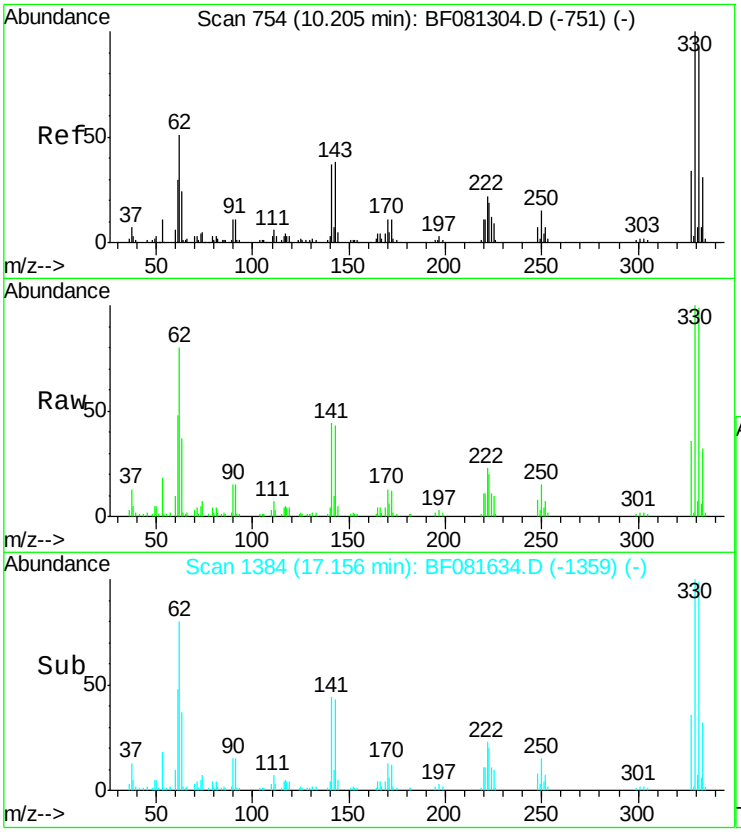


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:164 Resp: 103244

Ion	Ratio	Lower	Upper
164	100		
162	102.1	75.2	112.8
160	45.7	31.5	47.3



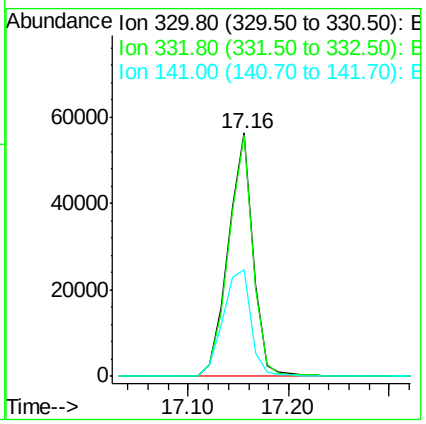


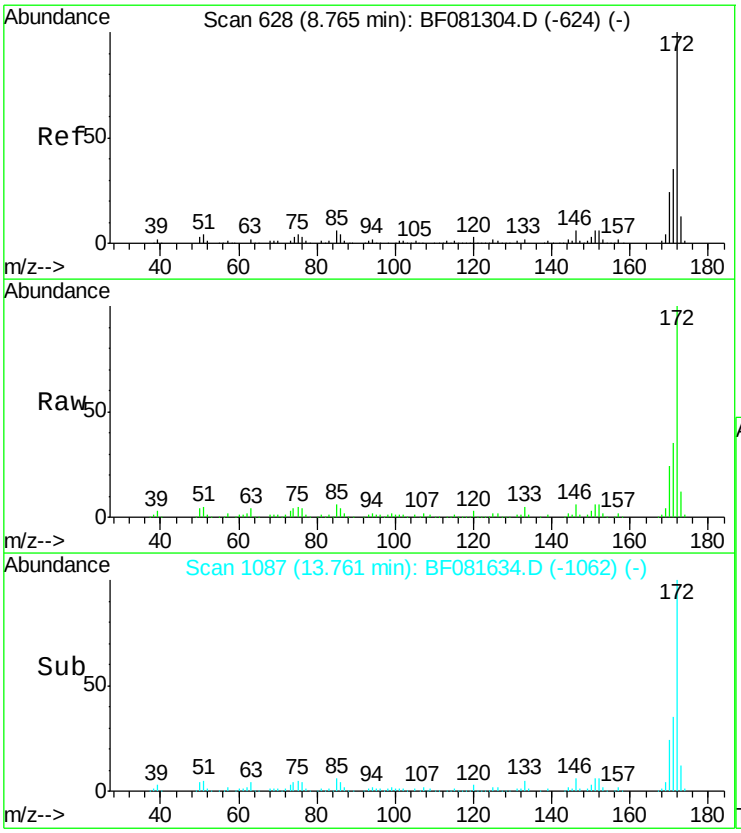
#41
2,4,6-Tribromophenol
Concen: 104.22 ng
RT: 17.16 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:330 Resp: 95810

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	49.5	29.7	44.5#

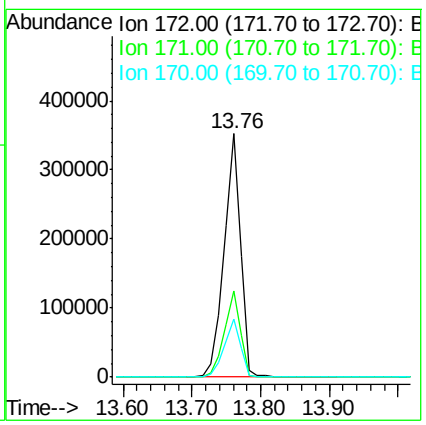


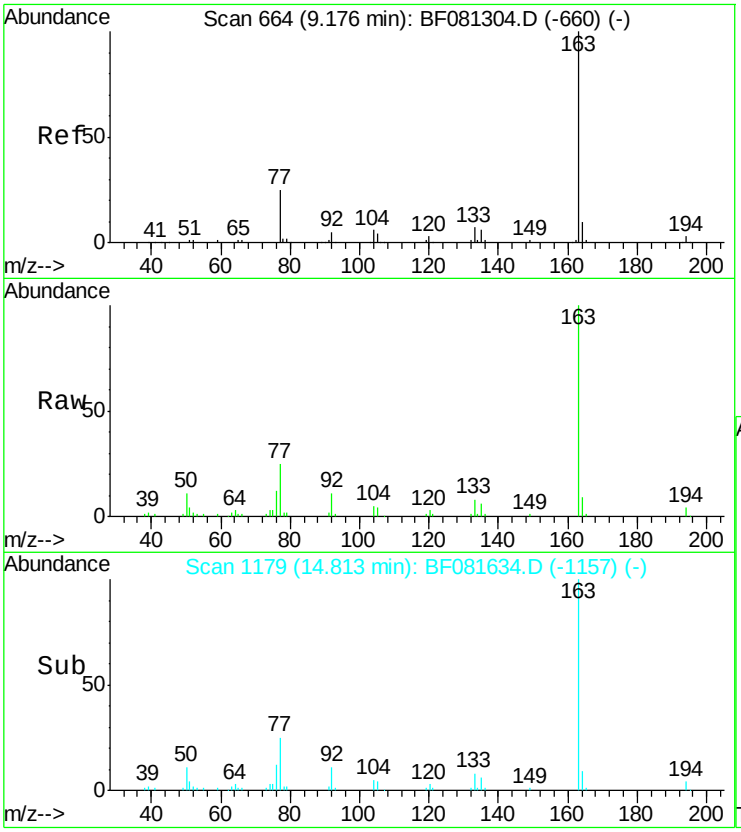


#44
2-Fluorobiphenyl
Concen: 74.85 ng
RT: 13.76 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:172 Resp: 603076

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.9	17.4	26.2



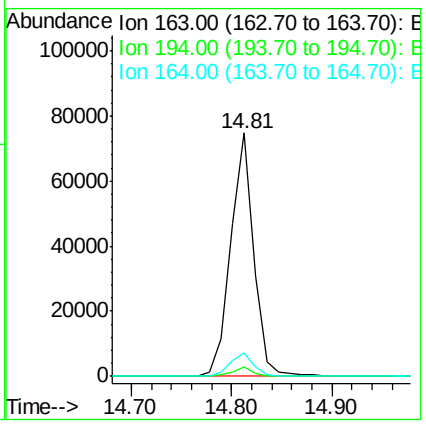


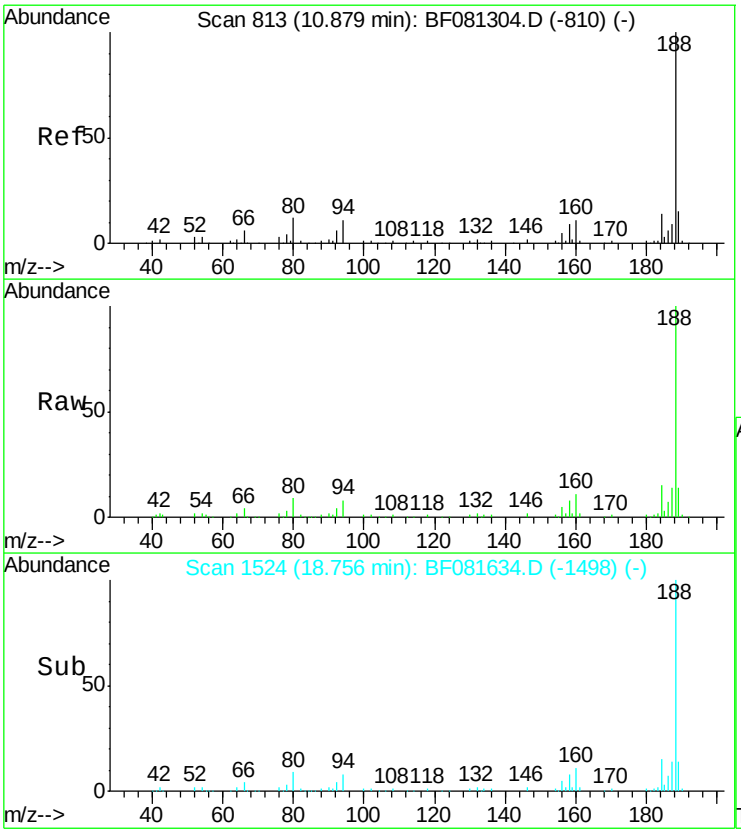
#49
Dimethylphthalate
Concen: 14.78 ng
RT: 14.81 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:163 Resp: 118520

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	9.4	8.3	12.5

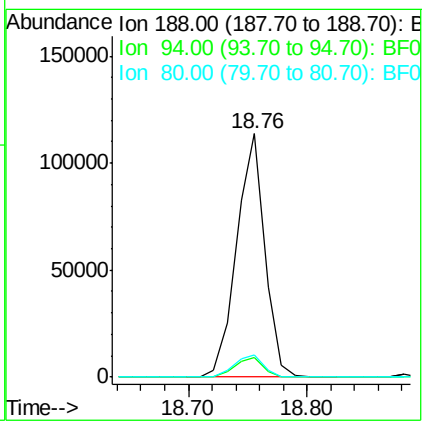


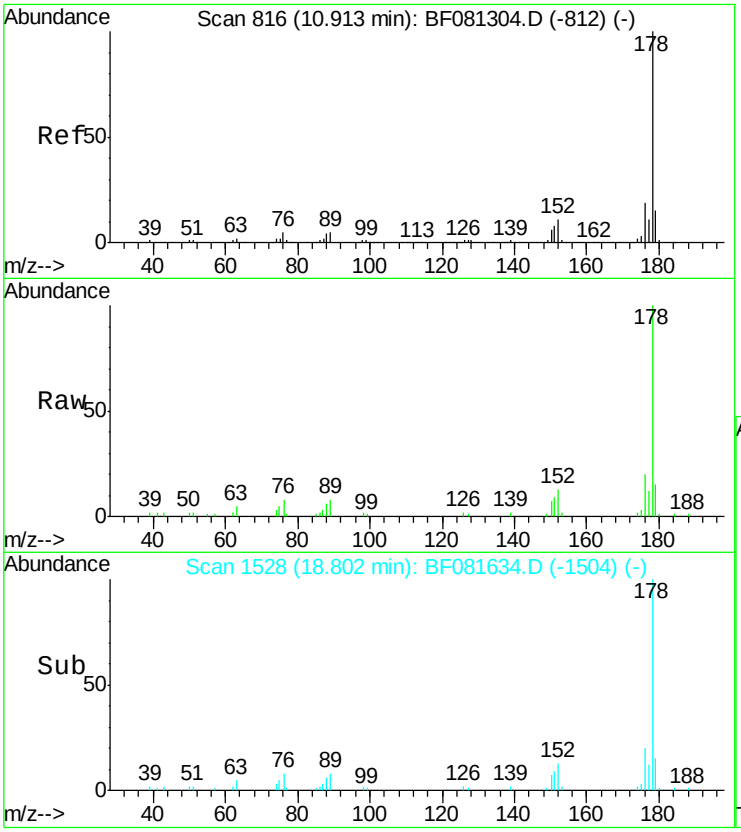


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.76 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:188 Resp: 187943

Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.1	16.7#
80	9.0	11.0	16.4#



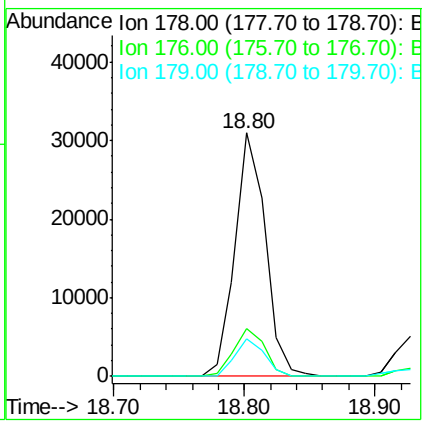


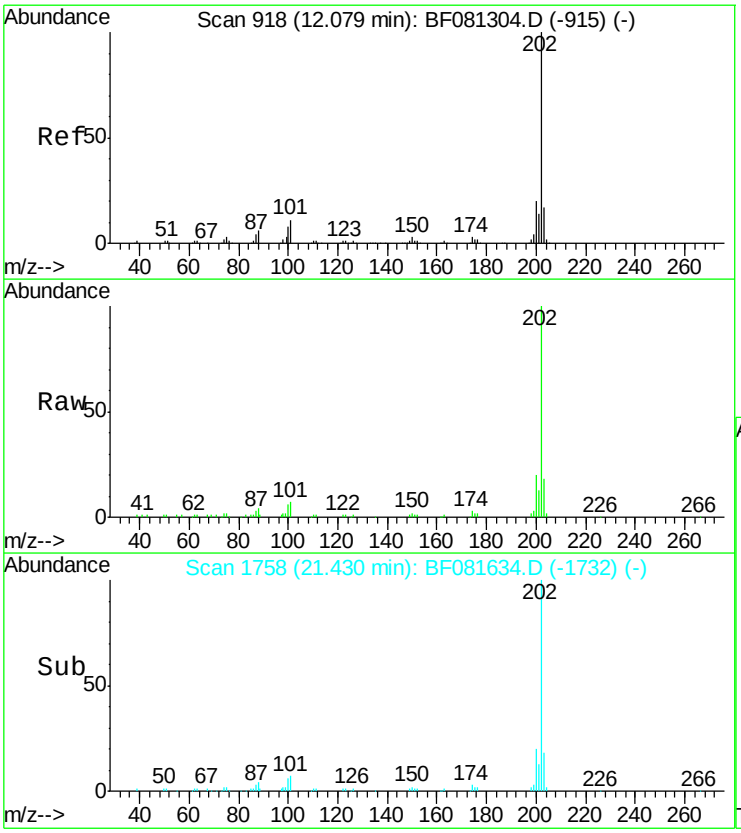
#70
Phenanthrene
Concen: 4.80 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:178 Resp: 50184

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	15.2	12.2	18.2

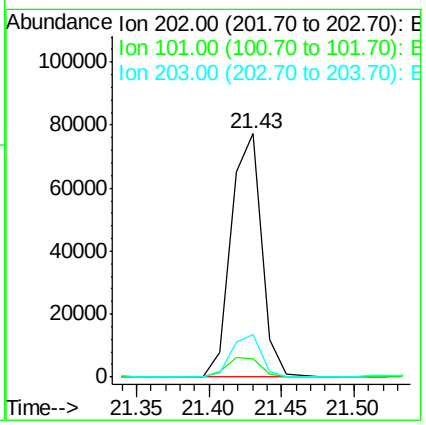


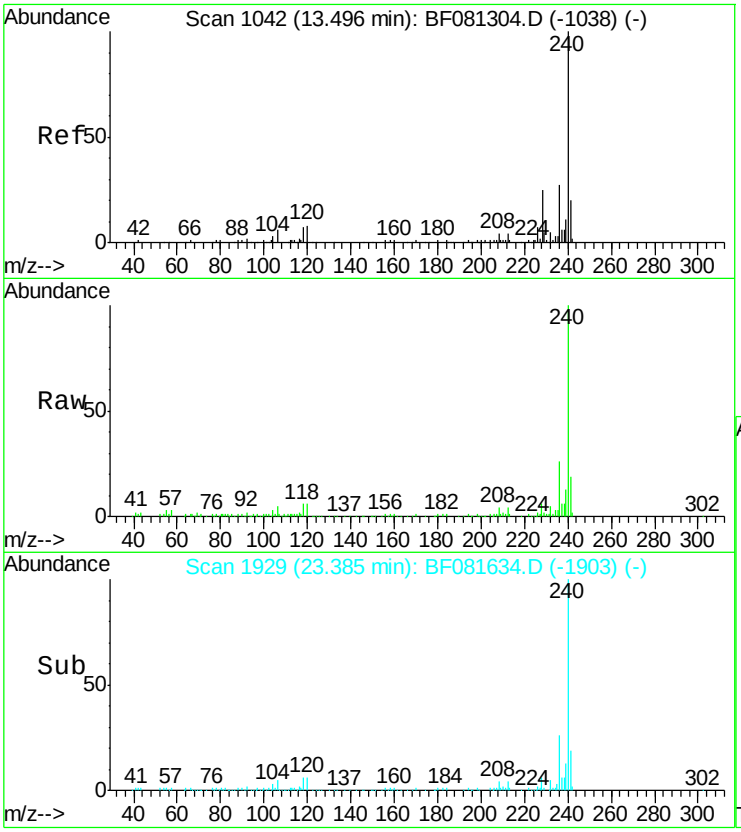


#74
Fluoranthene
Concen: 9.91 ng
RT: 21.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:202 Resp: 112037

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	38.3
203	17.8	0.0	37.3



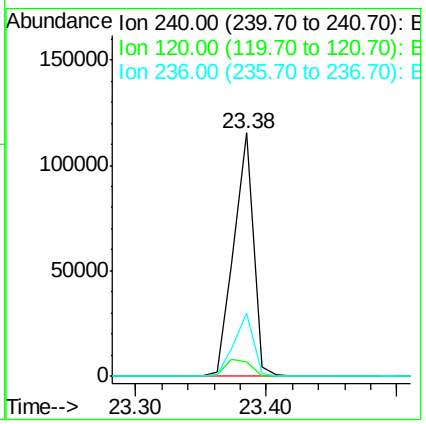


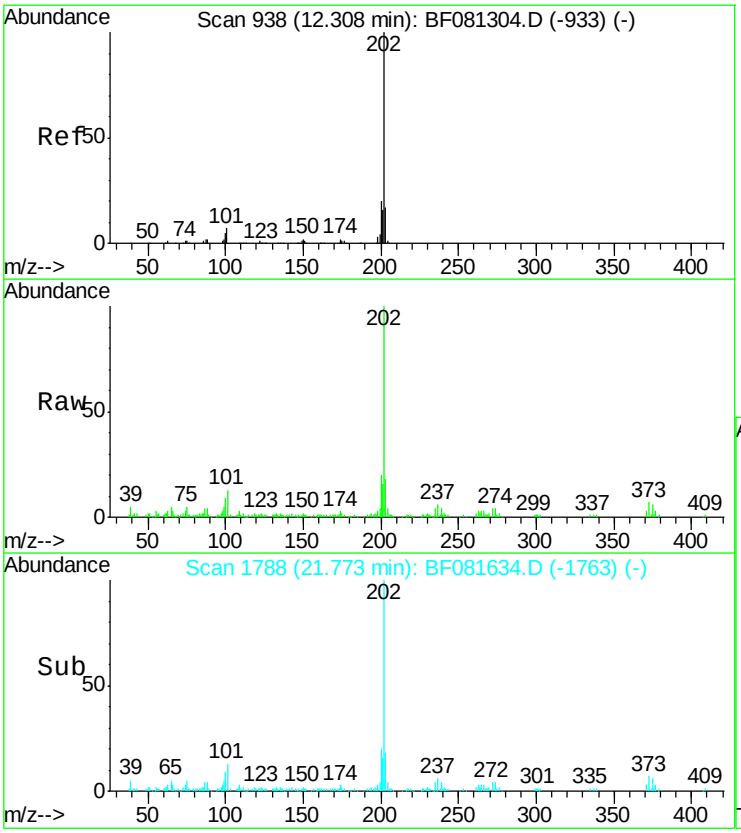
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:240 Resp: 120853

Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	26.1	18.4	27.6

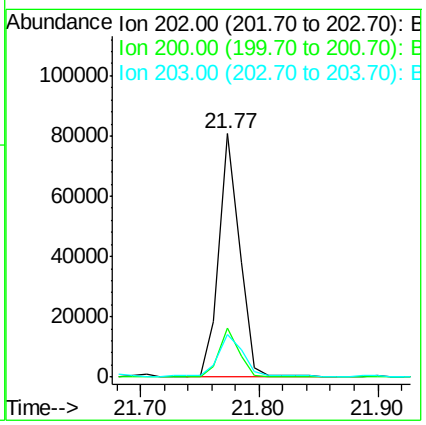


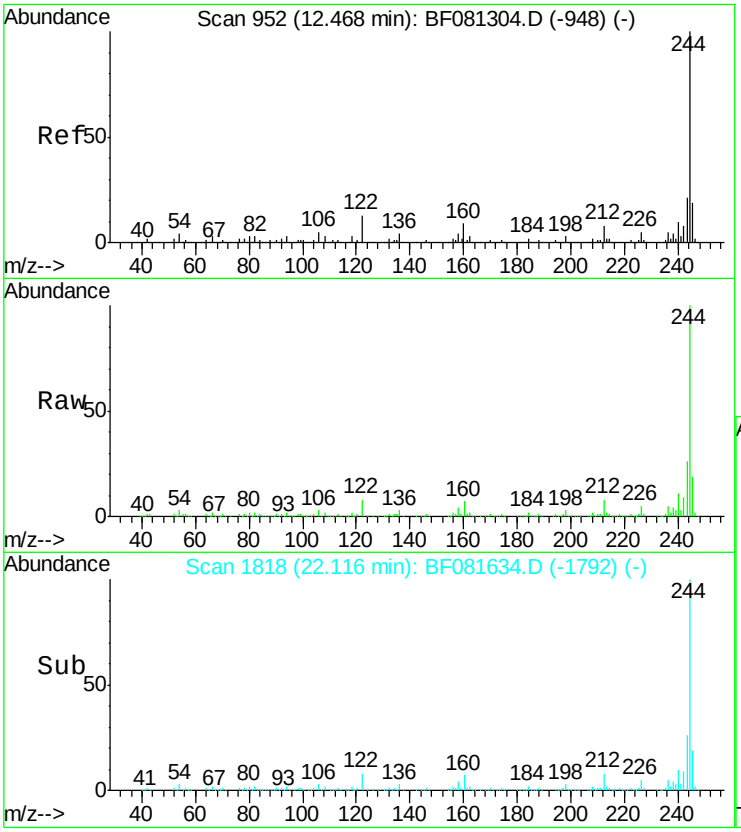


#77
Pyrene
Concen: 10.93 ng
RT: 21.77 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:202 Resp: 97850

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.0	22.4
203	17.7	14.1	21.1



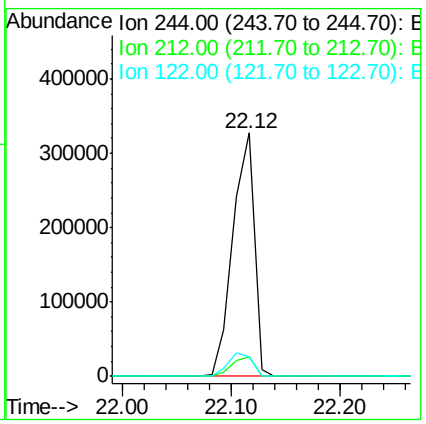


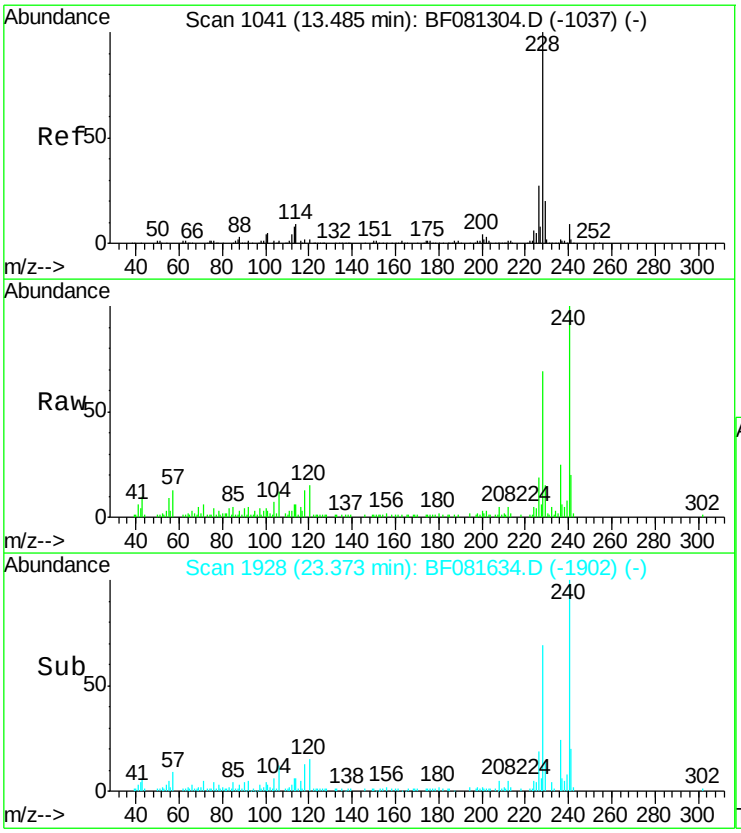
#78
Terphenyl-d14
Concen: 85.29 ng
RT: 22.12 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:244 Resp: 442813

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	7.9	17.4	26.2#

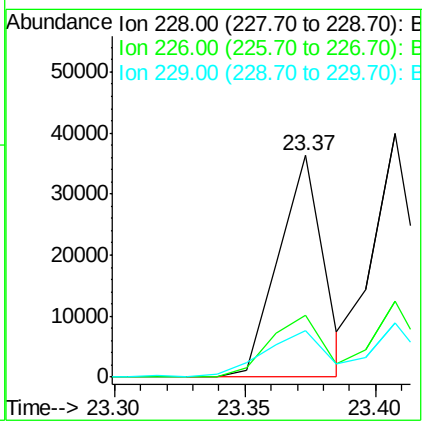


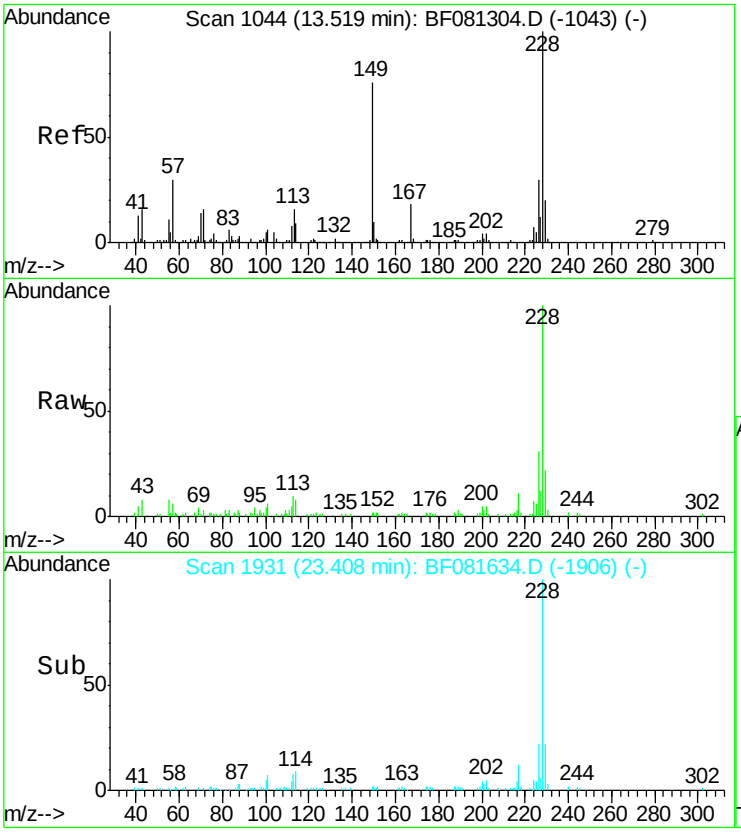


#80
Benzo(a)anthracene
Concen: 5.65 ng
RT: 23.37 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:228 Resp: 43472

Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.0	30.0
229	21.1	15.4	23.2



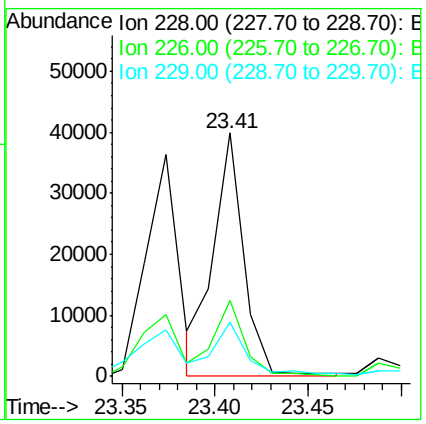


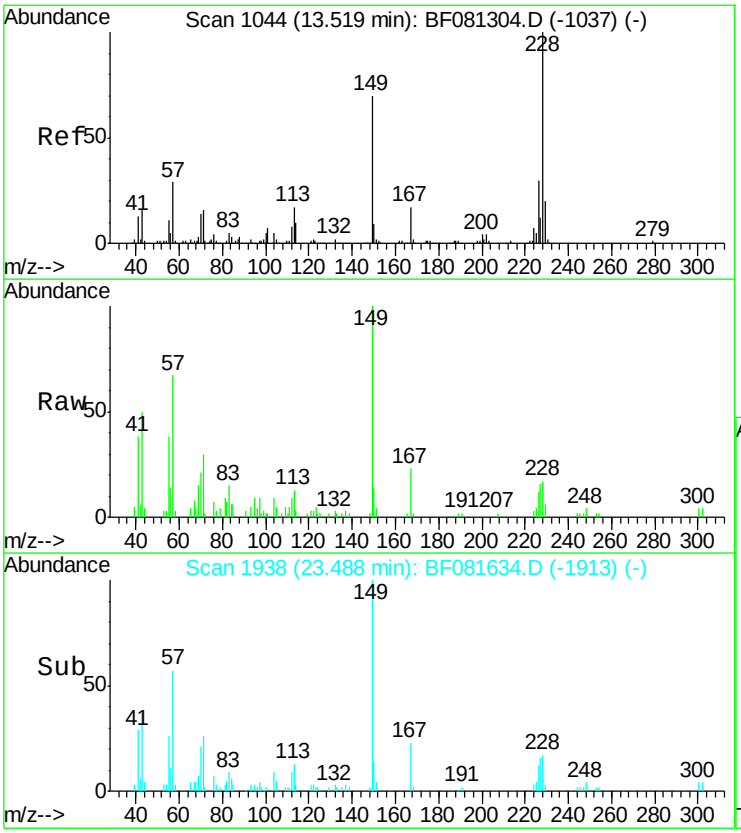
#82
Chrysene
Concen: 6.59 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:228 Resp: 45482

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.0	31.4
229	22.3	15.6	23.4

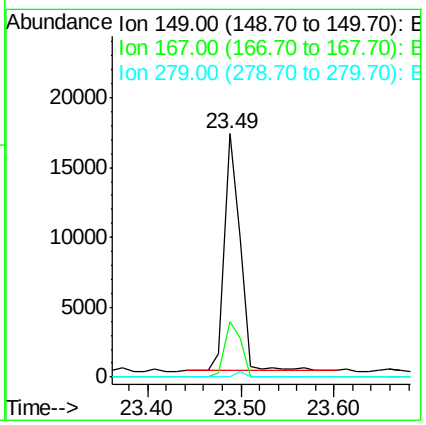


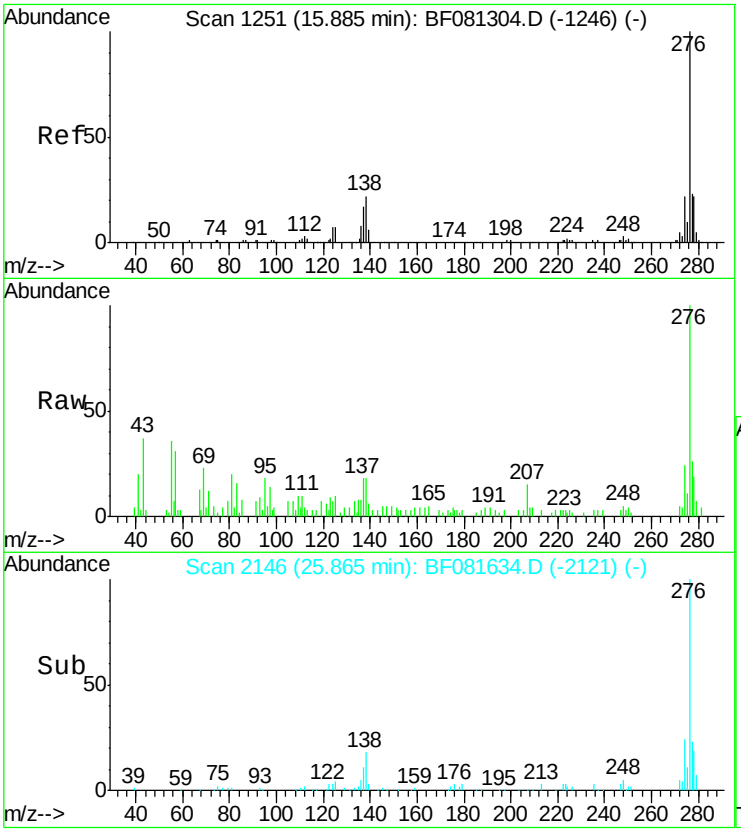


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.88 ng
RT: 23.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:149 Resp: 19952

Ion	Ratio	Lower	Upper
149	100		
167	22.5	24.2	36.2#
279	0.0	3.8	5.6#



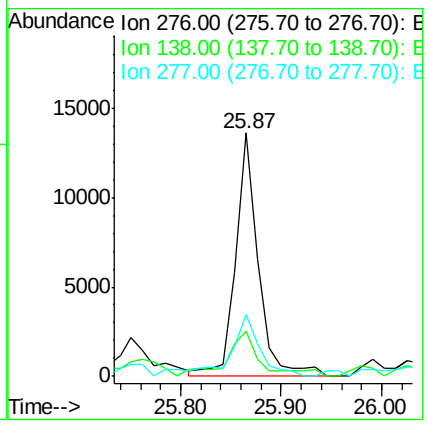


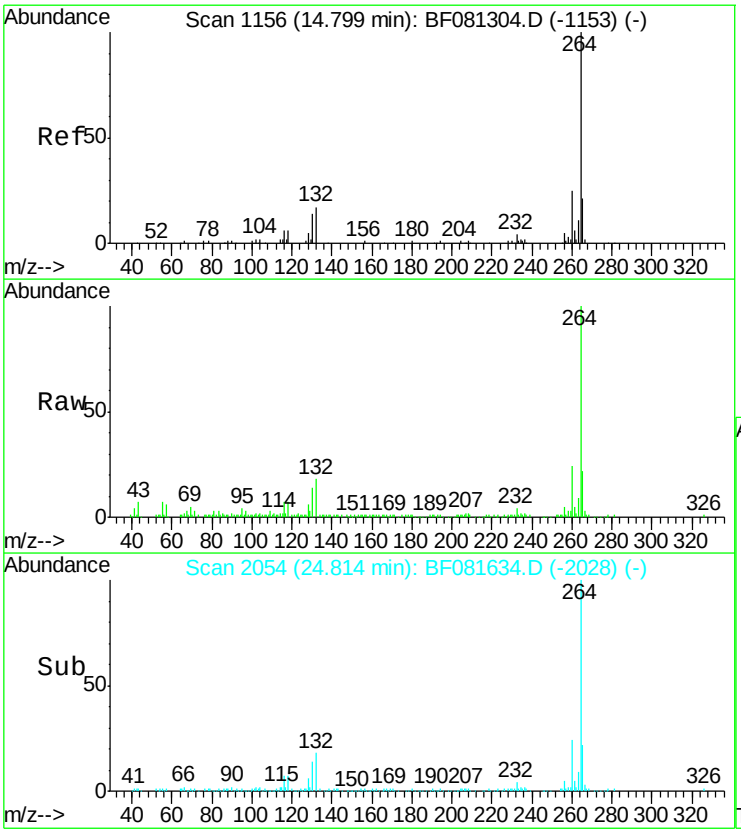
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.23 ng
RT: 25.87 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:276 Resp: 21393

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.7	38.5#
277	34.3	15.6	23.4#

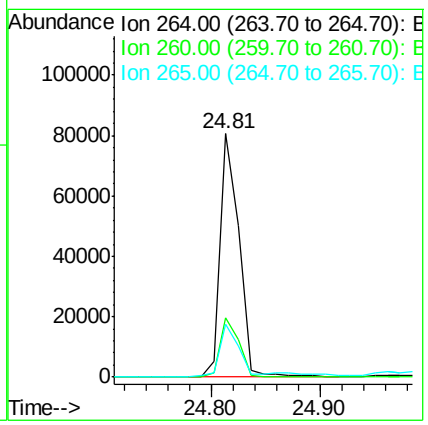


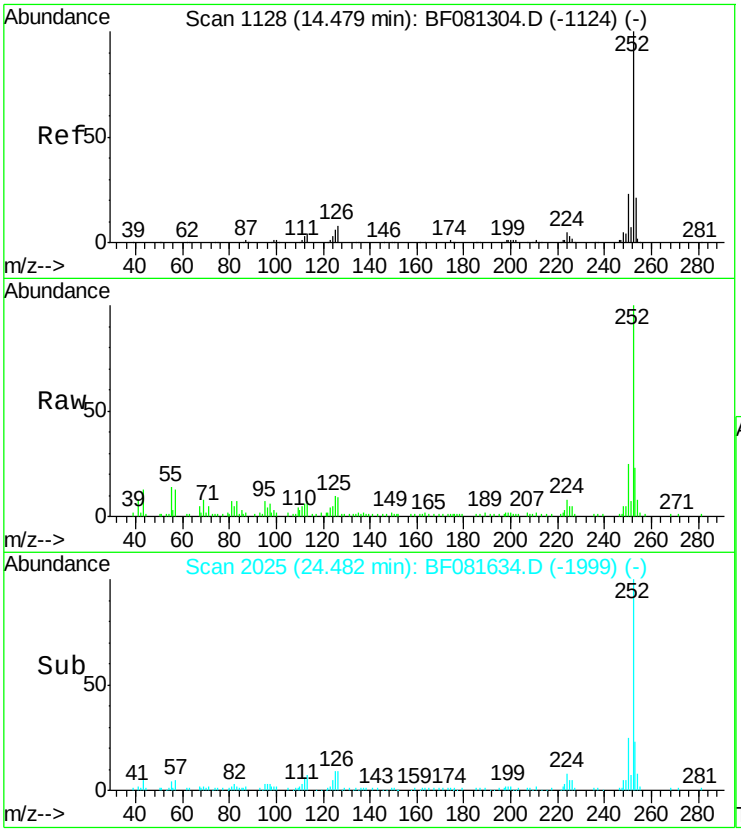


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:264 Resp: 97003

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.8	17.2	25.8



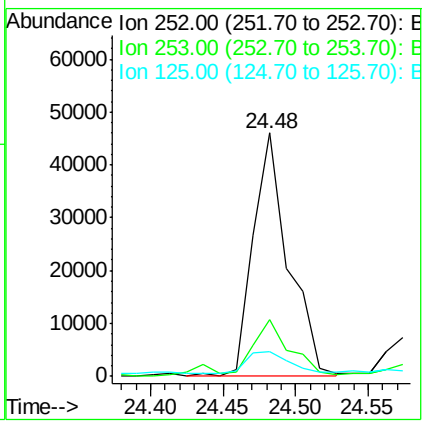


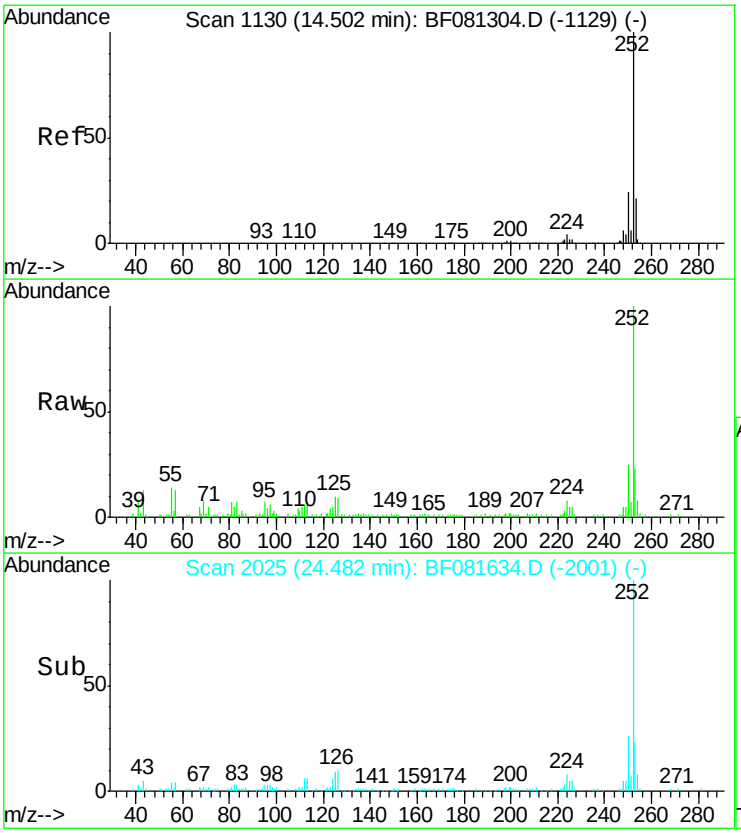
#87
Benzo(b)fluoranthene
Concen: 11.21 ng
RT: 24.48 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:252 Resp: 77618

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	10.0	17.1	25.7#

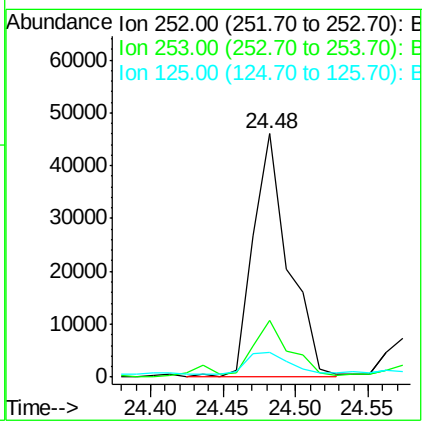


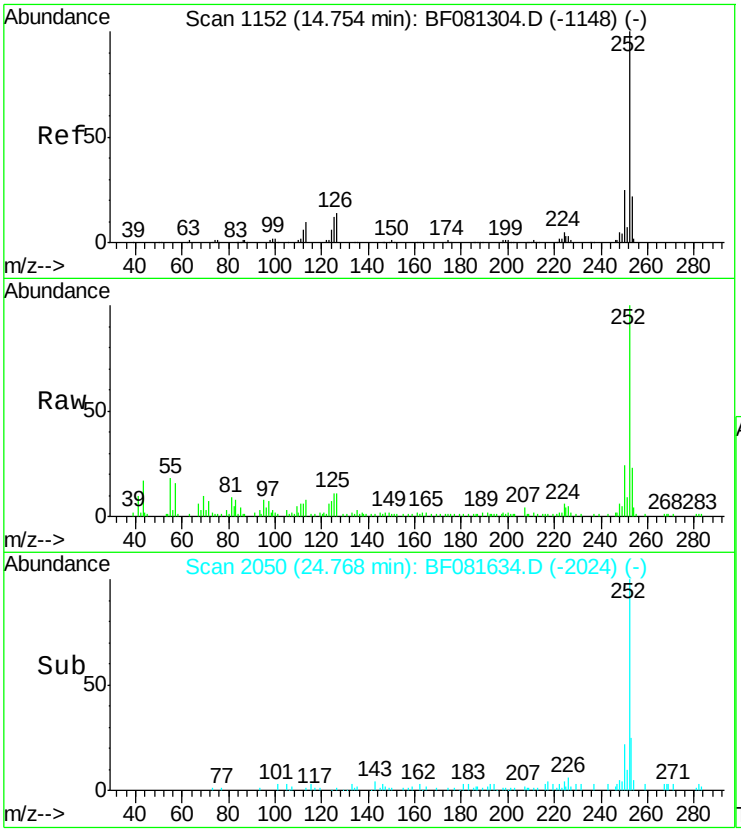


#88
Benzo(k)fluoranthene
Concen: 13.51 ng
RT: 24.48 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:252 Resp: 77618

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.4
125	10.0	16.0	24.0#



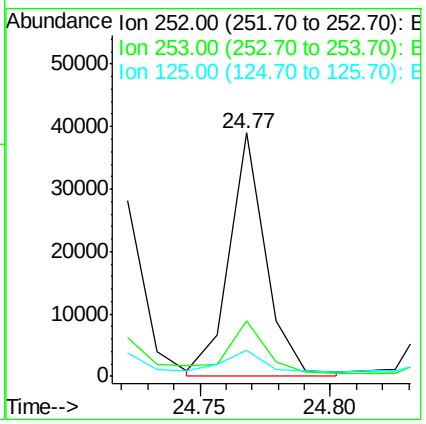


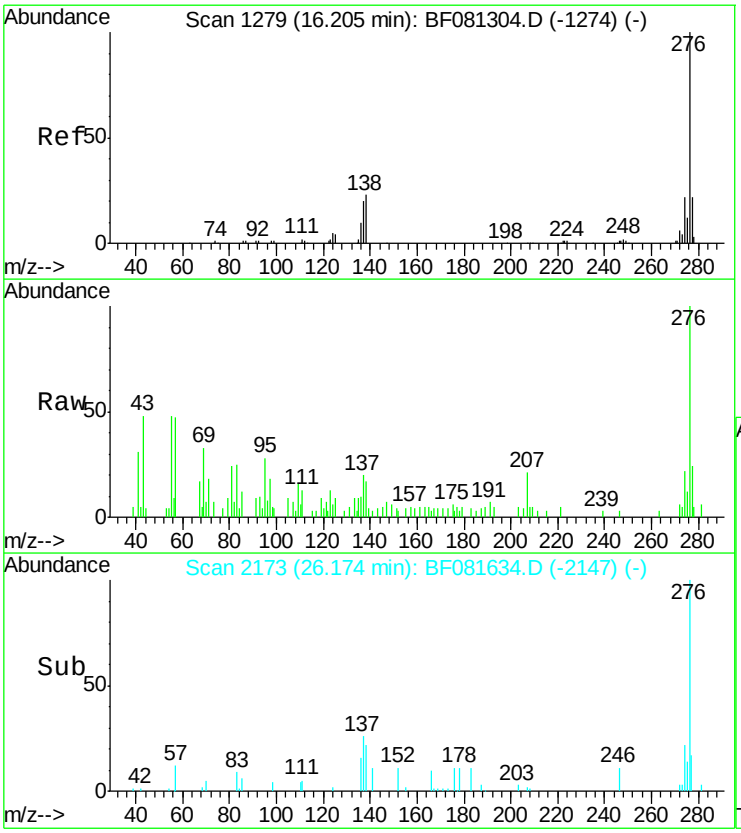
#89
Benzo(a)pyrene
Concen: 6.48 ng
RT: 24.77 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
670UNDERCLIFF-1RE

Tgt Ion:252 Resp: 38046

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.5	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 4.11 ng
RT: 26.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF081634.D
Acq: 15 Sep 2015 17:51

Tgt Ion:276 Resp: 17798

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	16.8	34.6	51.8#