Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081604.D
Acq On : 14 Sep 2015 12:44
Operator : UM/IZ
Sample : G3511-07DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04(0-0.16)DL

Quant Time: Sep 14 13:41:55 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	8.23	152	51127	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	214806	20.00	ng		-0.05
38) Acenaphthene-d10	15.26	164	100911	20.00	ng		-0.05
63) Phenanthrene-d10	18.76	188	210173	20.00	ng		-0.06
75) Chrysene-d12	23.38	240	153199	20.00	ng		-0.03
86) Perylene-d12	24.82	264	113827	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	159623	48.44	ng		-0.03
7) Phenol-d6	7.65	99	227581	52.17	ng		-0.05
23) Nitrobenzene-d5	9.52	82	148910	33.45	ng		-0.05
41) 2,4,6-Tribromophenol	17.16	330	43368	48.27	ng		-0.06
44) 2-Fluorobiphenyl	13.76	172	212675	27.01	ng		-0.06
78) Terphenyl-d14	22.10	244	161139	24.48	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.54	88	42801	28.92	ng	#	11
19) n-Nitroso-di-n-propylamine	9.51	70	19746	6.65	ng	#	65
49) Dimethylphthalate	14.82	163	64835	8.27	ng	#	95
70) Phenanthrene	18.81	178	135562	11.60	ng		98
71) Anthracene	18.94	178	28757	2.40	ng		99
74) Fluoranthene	21.43	202	409598	32.38	ng		90
77) Pyrene	21.78	202	394703	34.78	ng	#	94
80) Benzo(a)anthracene	23.37	228	292924	30.02	ng		95
82) Chrysene	23.42	228	276842	31.65	ng		93
85) Indeno(1,2,3-cd)pyrene	25.88	276	187118	29.16	ng	#	82
87) Benzo(b)fluoranthene	24.49	252	518371	63.79	ng	#	86
88) Benzo(k)fluoranthene	24.49	252	518371	76.88	ng	#	86
89) Benzo(a)pyrene	24.78	252	274742	39.90	ng	#	82
90) Dibenzo(a,h)anthracene	25.88	278	59860	11.25	ng	#	63
91) Benzo(g,h,i)perylene	26.19	276	180810	35.60	ng	#	70

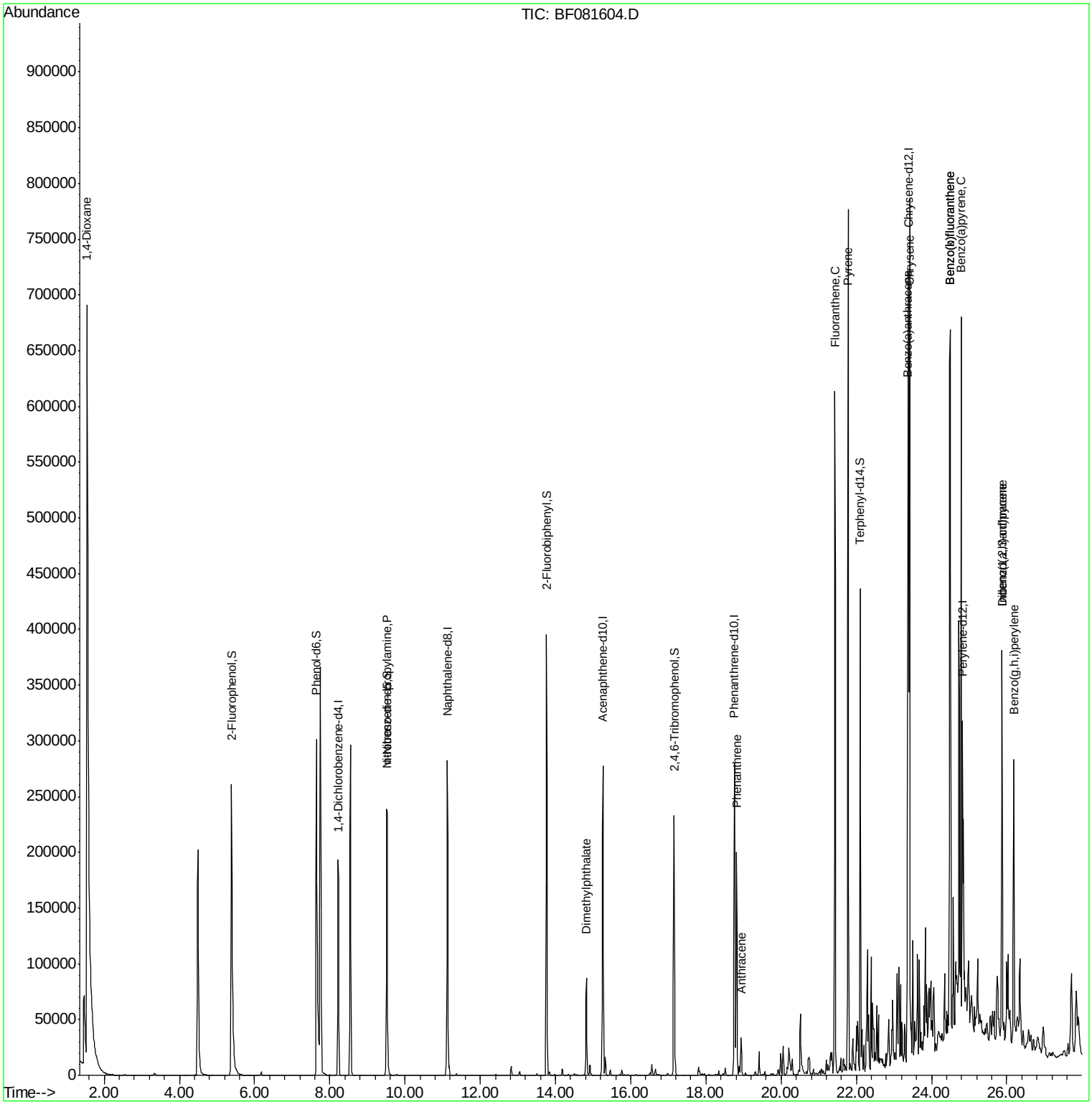
(#) = qualifier out of range (m) = manual integration (+) = signals summed

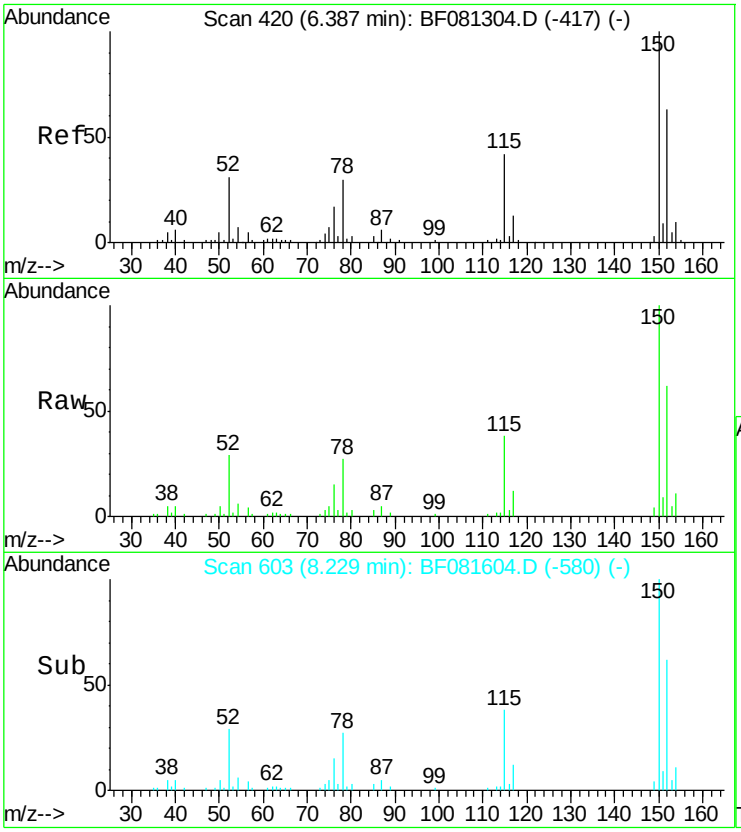
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081604.D
Acq On : 14 Sep 2015 12:44
Operator : UM/IZ
Sample : G3511-07DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Quant Time: Sep 14 13:41:55 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



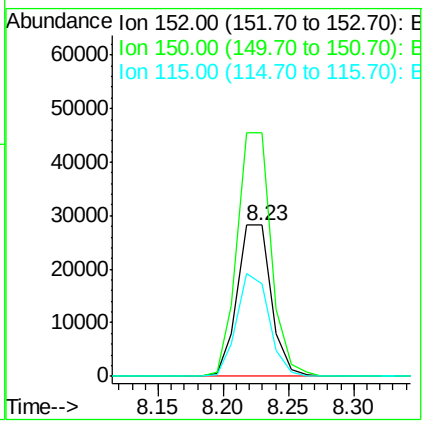


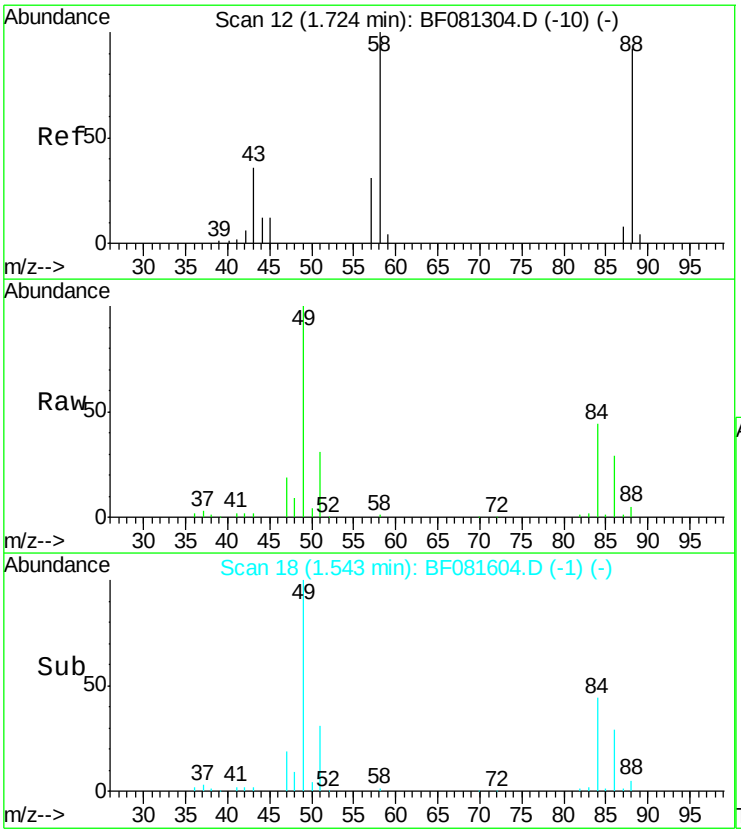
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.23 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:152 Resp: 51127

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.7	187.1
115	61.5	39.0	58.4#

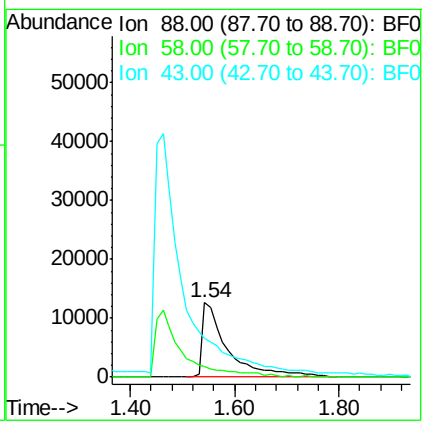


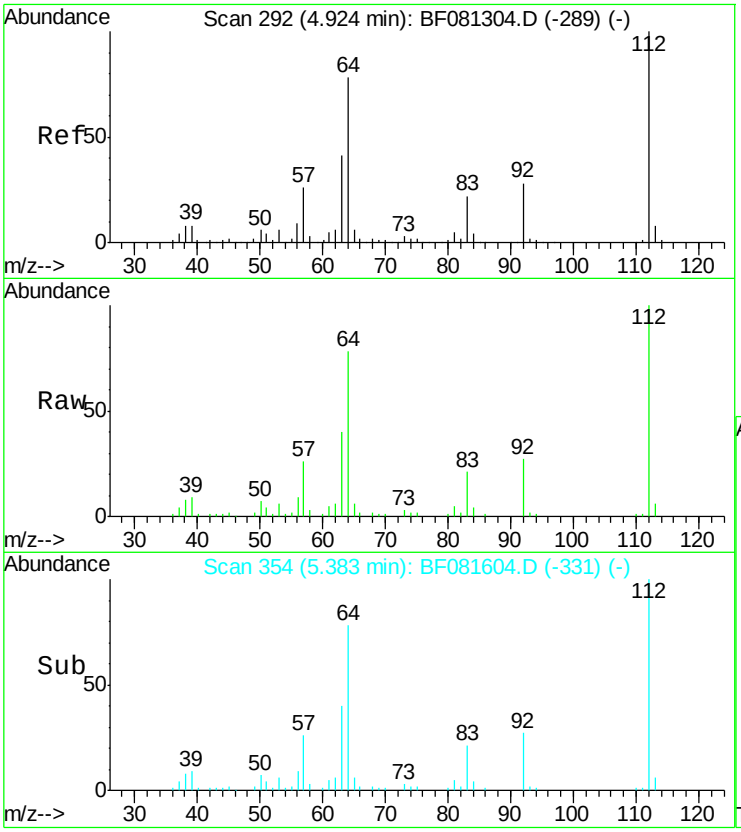


#2
1,4-Dioxane
Concen: 28.92 ng
RT: 1.54 min Scan# 18
Delta R.T. -0.06 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion: 88 Resp: 42801

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



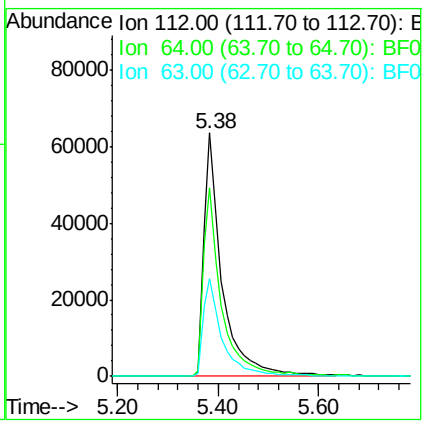


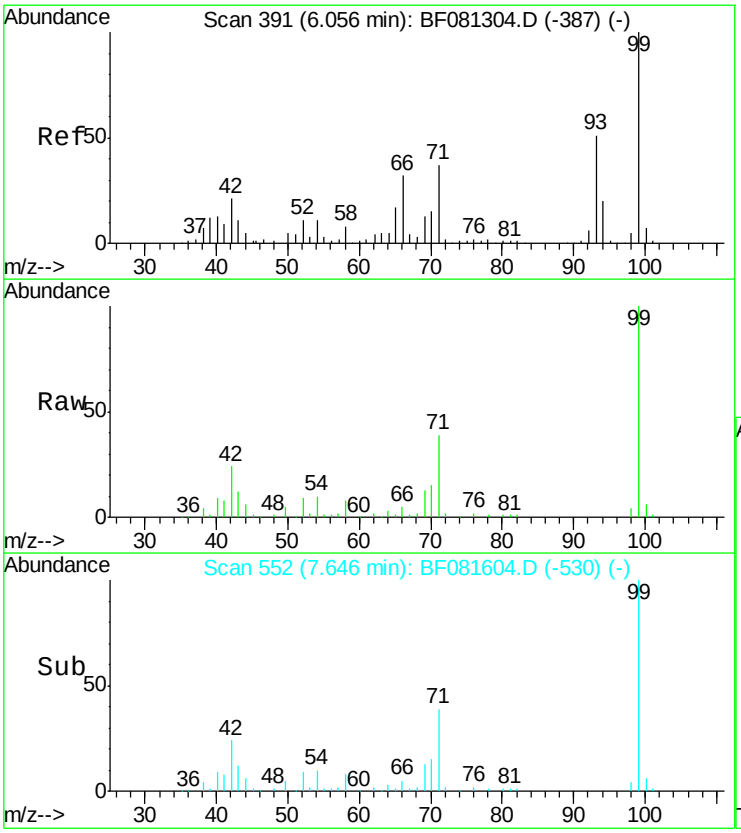
#5
2-Fluorophenol
Concen: 48.44 ng
RT: 5.38 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:112 Resp: 159623

Ion	Ratio	Lower	Upper
112	100		
64	77.6	39.7	59.5#
63	39.9	17.4	26.0#

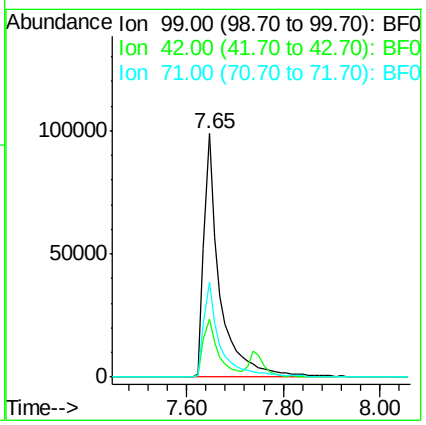


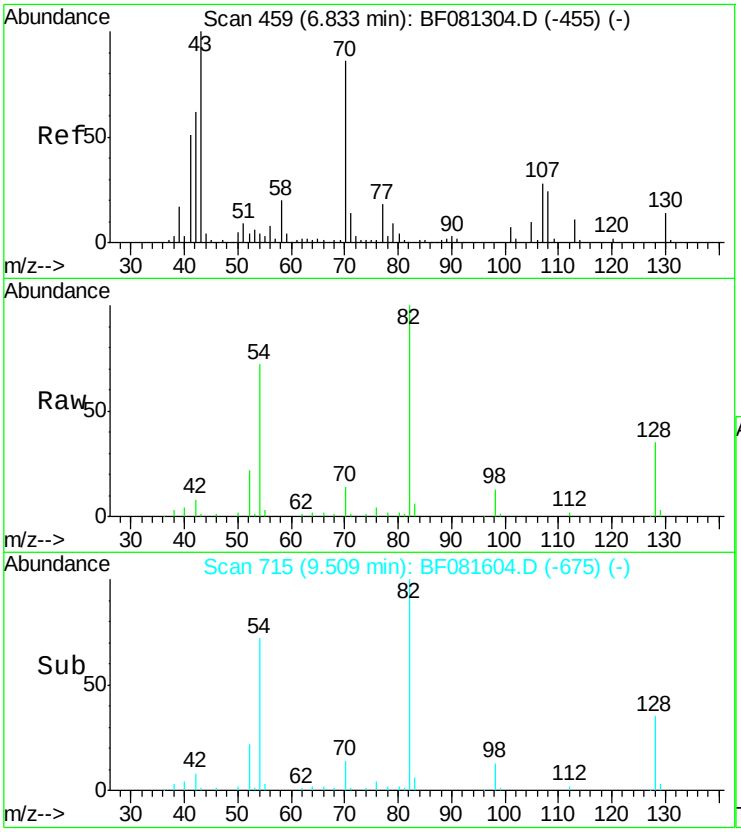


#7
Phenol-d6
Concen: 52.17 ng
RT: 7.65 min Scan# 552
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion: 99 Resp: 227581

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.7	20.5#
71	38.9	14.2	21.2#



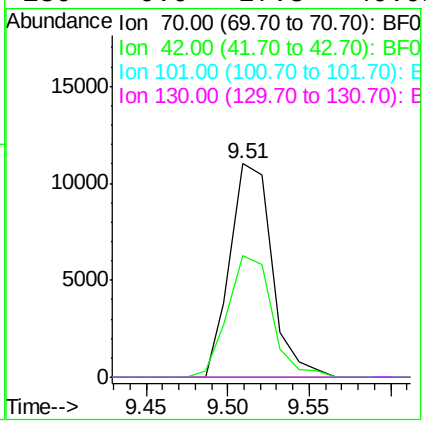


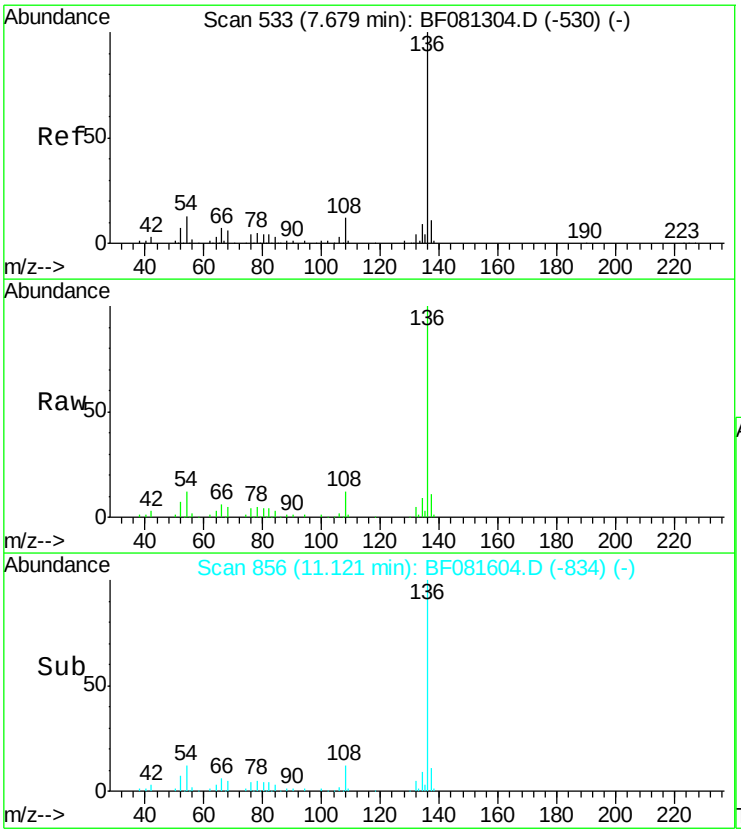
#19
n-Nitroso-di-n-propylamine
Concen: 6.65 ng
RT: 9.51 min Scan# 715
Delta R.T. 0.16 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion: 70 Resp: 19746

Ion	Ratio	Lower	Upper
70	100		
42	57.0	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#

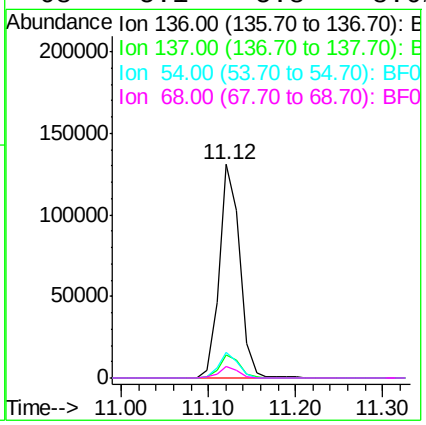


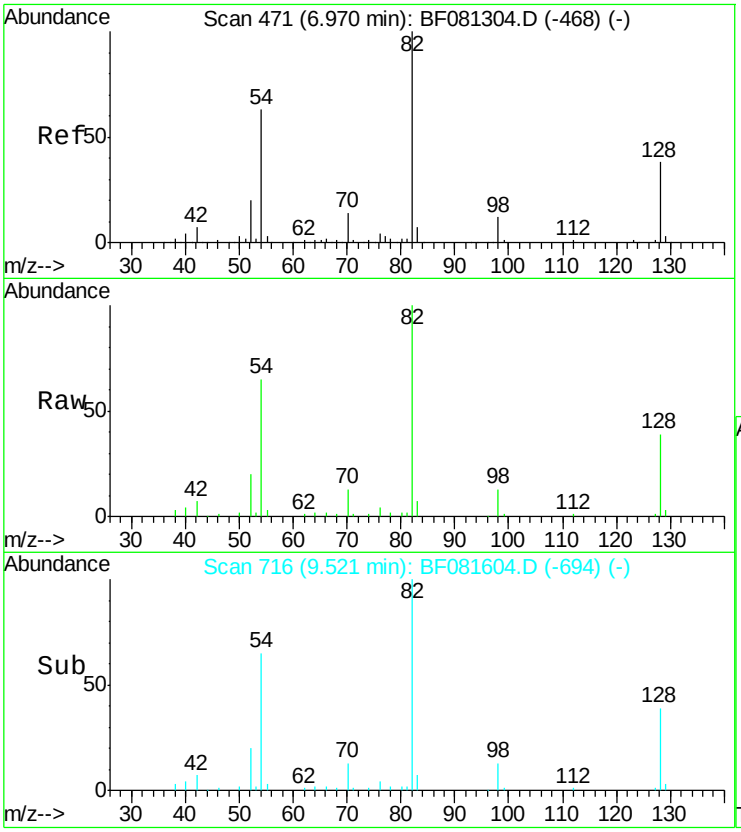


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.12 min Scan# 856
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:136 Resp: 214806

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.9	8.2	12.2
68	5.1	5.8	8.6#



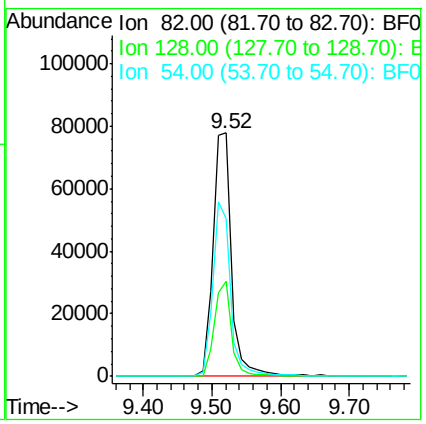


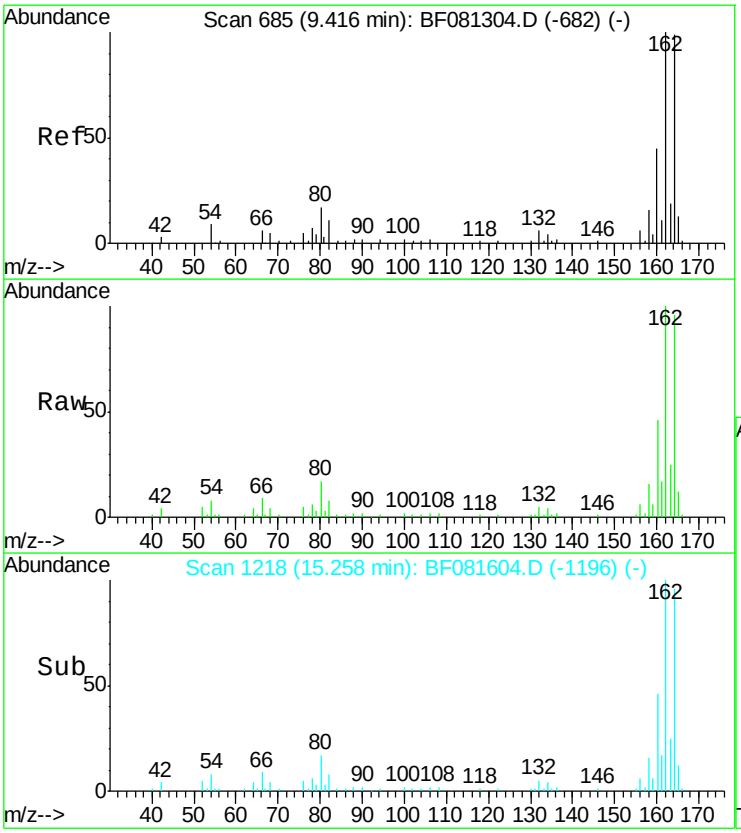
#23
Nitrobenzene-d5
Concen: 33.45 ng
RT: 9.52 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion: 82 Resp: 148910

Ion	Ratio	Lower	Upper
82	100		
128	39.1	51.0	76.6#
54	64.6	47.5	71.3

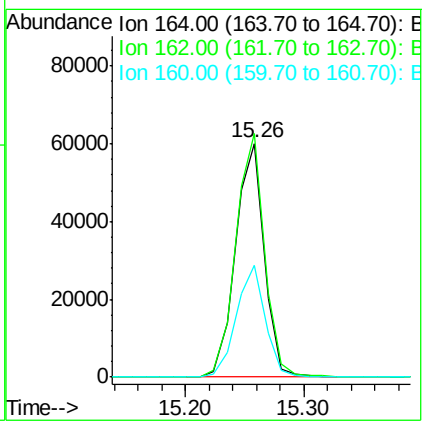


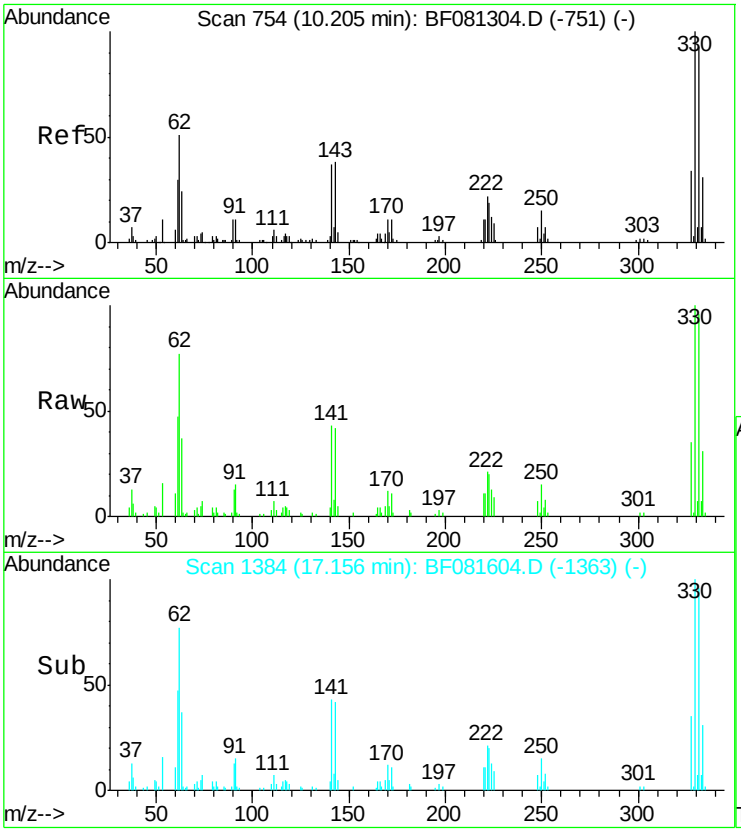


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.26 min Scan# 1218
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:164 Resp: 100911

Ion	Ratio	Lower	Upper
164	100		
162	104.2	75.2	112.8
160	47.8	31.5	47.3#



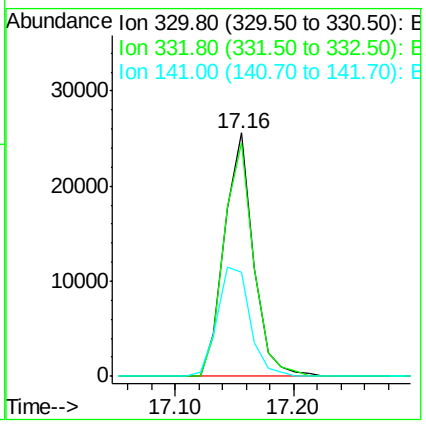


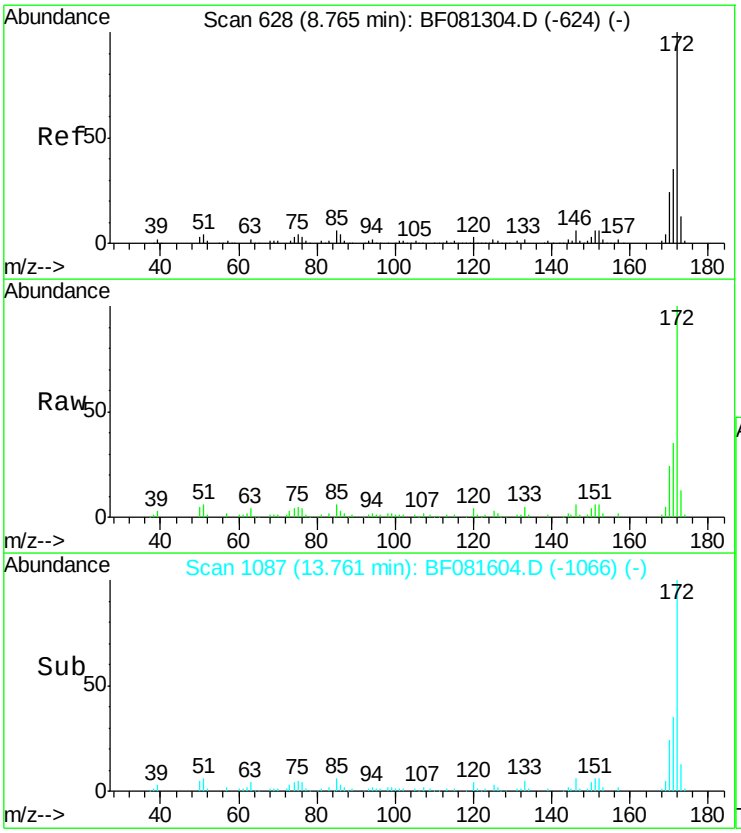
#41
2,4,6-Tribromophenol
Concen: 48.27 ng
RT: 17.16 min Scan# 1384
Delta R.T. -0.06 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:330 Resp: 43368

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	50.8	29.7	44.5#

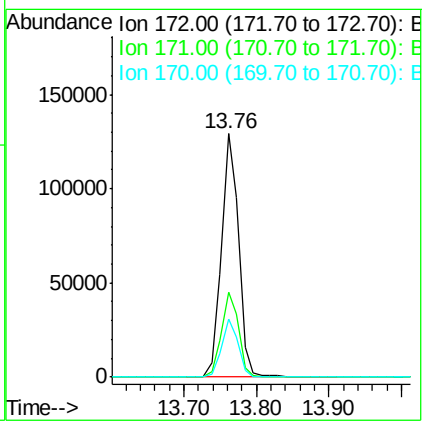


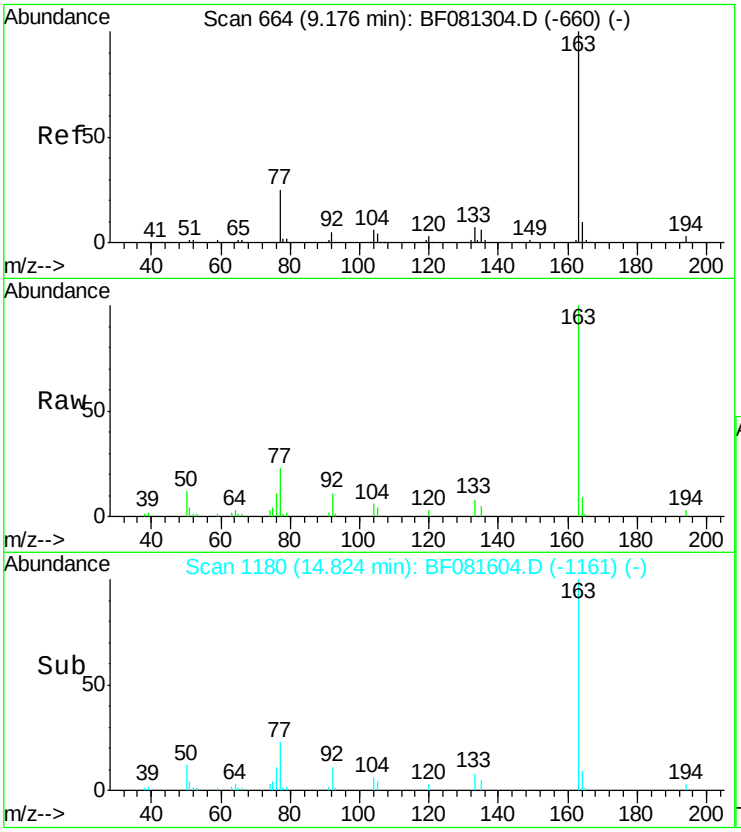


#44
2-Fluorobiphenyl
Concen: 27.01 ng
RT: 13.76 min Scan# 1087
Delta R.T. -0.06 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:172 Resp: 212675

Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.1	39.1
170	23.9	17.4	26.2



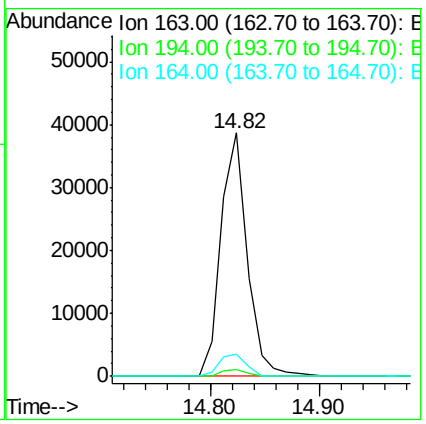


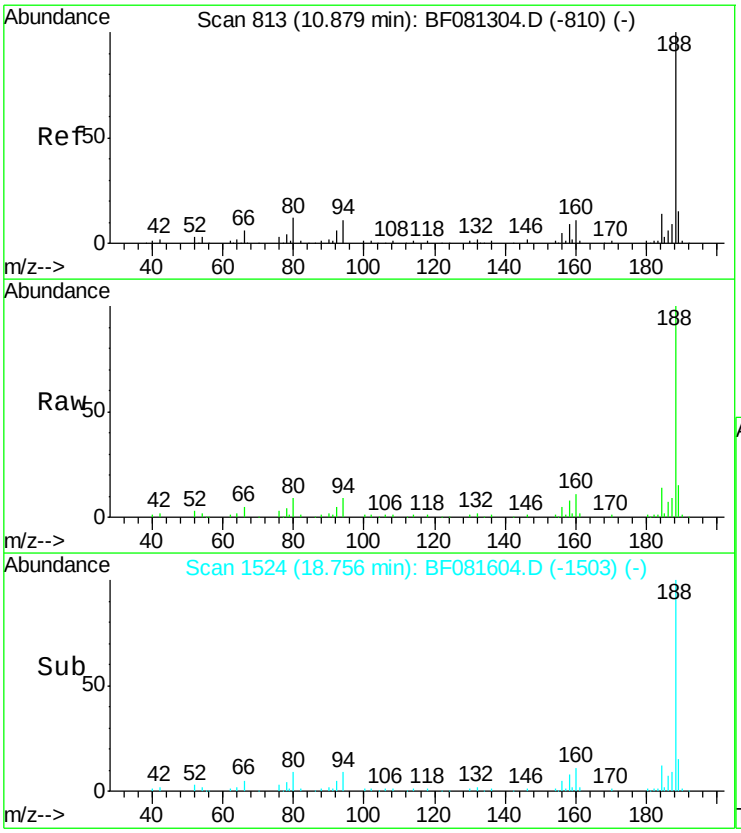
#49
Dimethylphthalate
Concen: 8.27 ng
RT: 14.82 min Scan# 1180
Delta R.T. -0.08 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:163 Resp: 64835

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	9.2	8.3	12.5

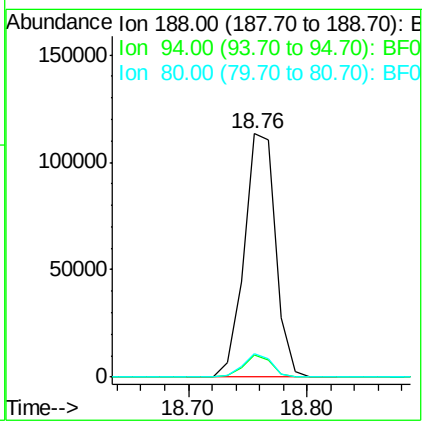


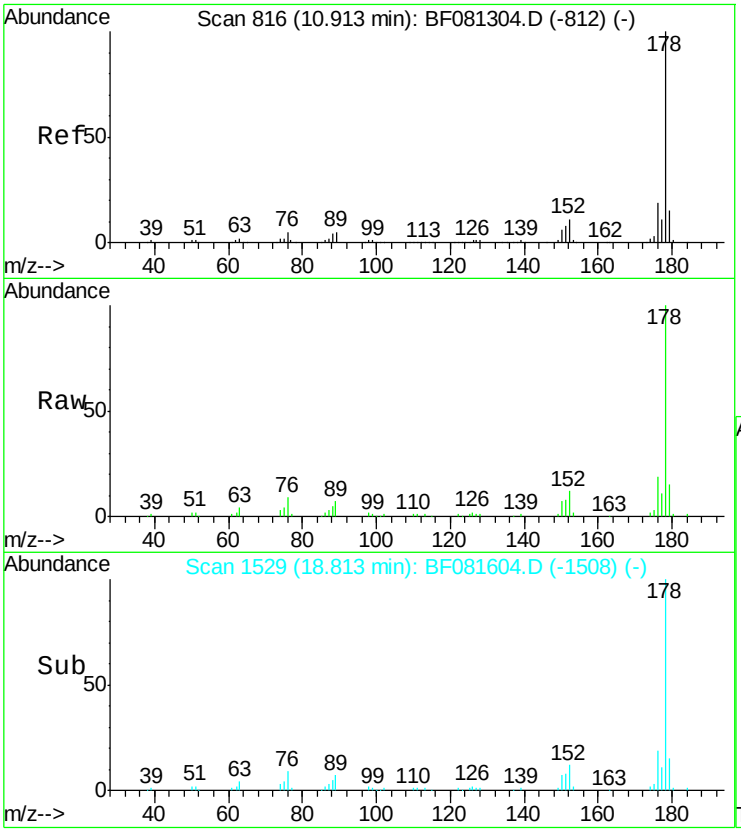


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.76 min Scan# 1524
Delta R.T. -0.06 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:188 Resp: 210173

Ion	Ratio	Lower	Upper
188	100		
94	9.1	11.1	16.7#
80	9.4	11.0	16.4#



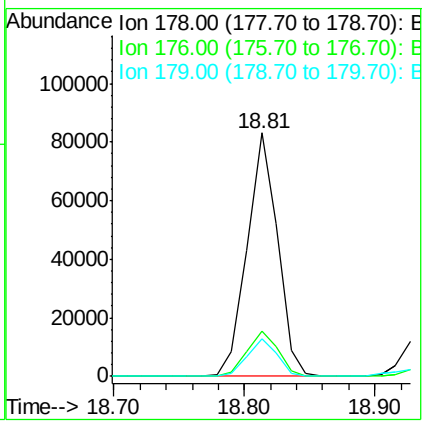


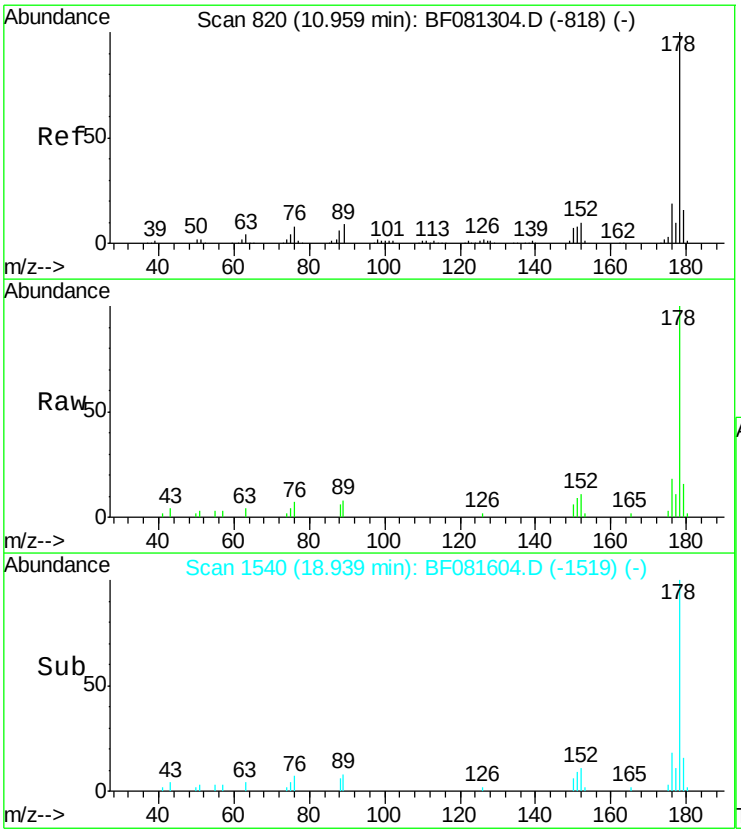
#70
Phenanthrene
Concen: 11.60 ng
RT: 18.81 min Scan# 1529
Delta R.T. -0.06 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:178 Resp: 135562

Ion	Ratio	Lower	Upper
178	100		
176	18.8	13.8	20.8
179	15.3	12.2	18.2

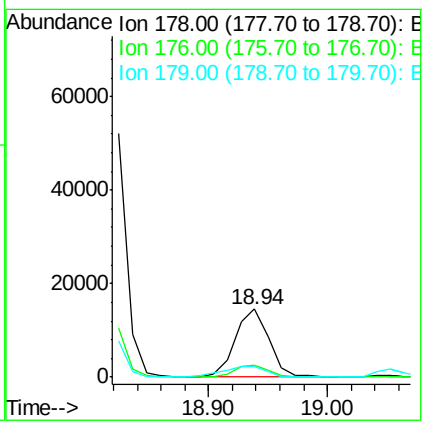


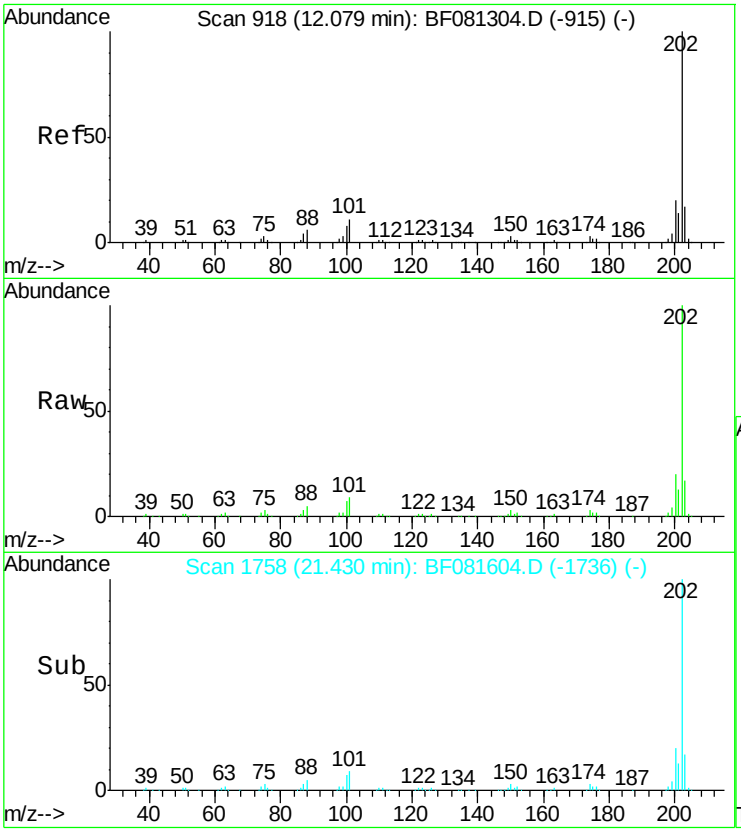


#71
Anthracene
Concen: 2.40 ng
RT: 18.94 min Scan# 1540
Delta R.T. -0.06 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:178 Resp: 28757

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.1	21.1
179	15.6	12.2	18.2



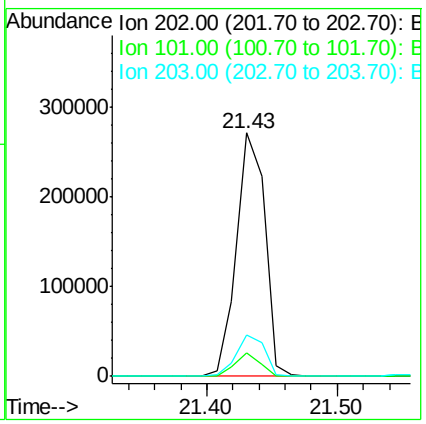


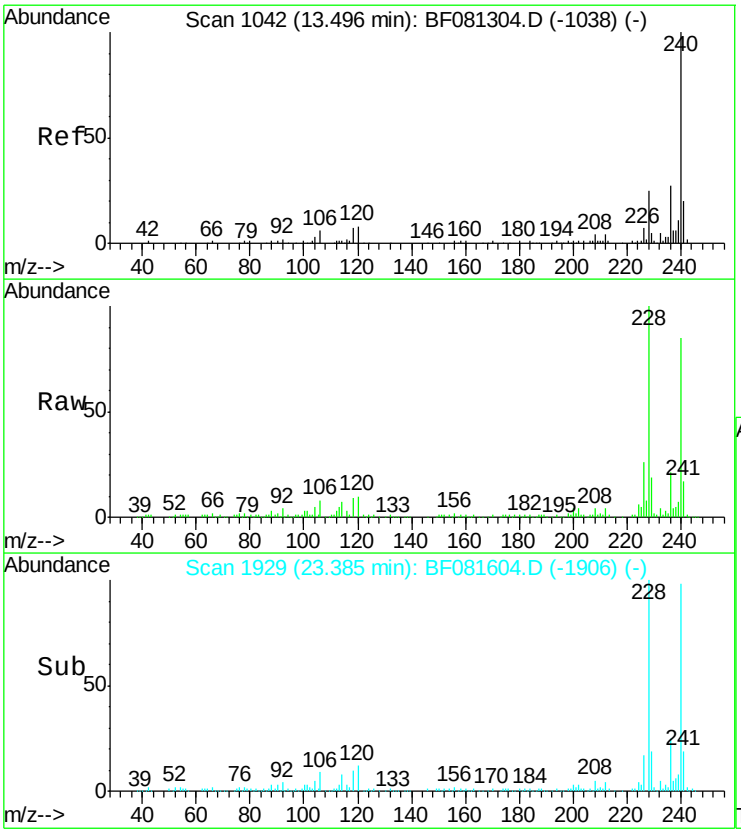
#74
Fluoranthene
Concen: 32.38 ng
RT: 21.43 min Scan# 1758
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:202 Resp: 409598

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	38.3
203	17.2	0.0	37.3

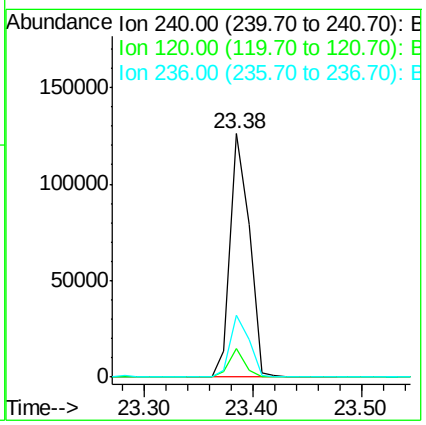


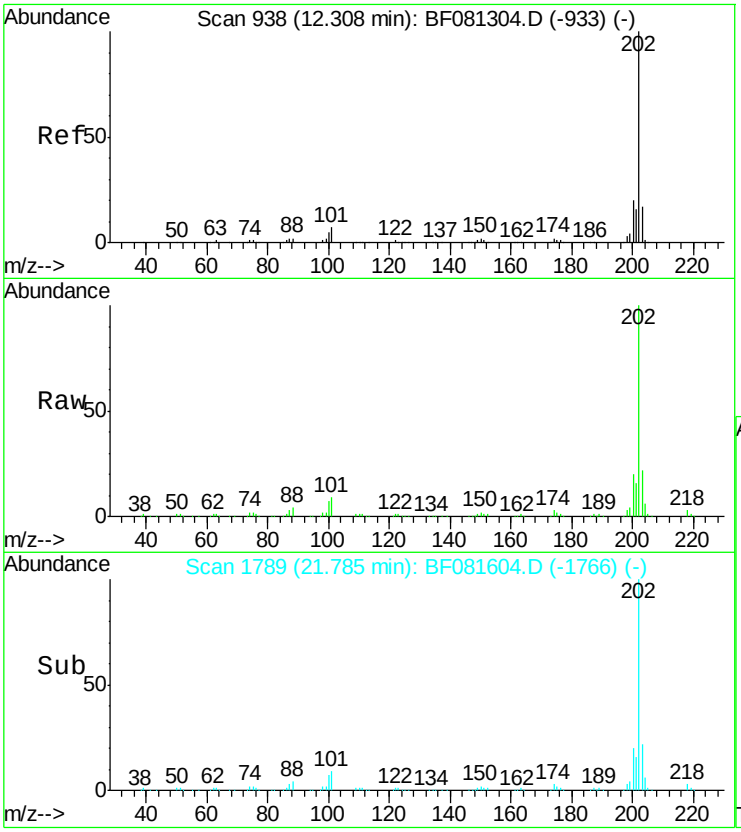


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.03 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:240 Resp: 153199

Ion	Ratio	Lower	Upper
240	100		
120	11.8	16.2	24.2#
236	25.3	18.4	27.6



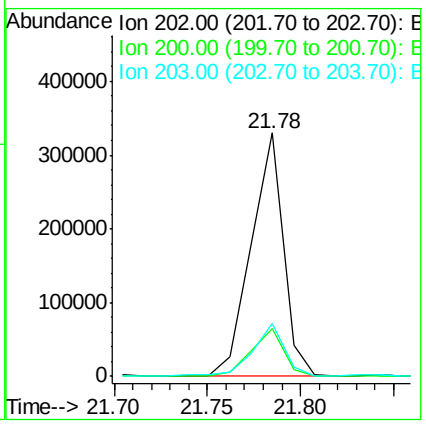


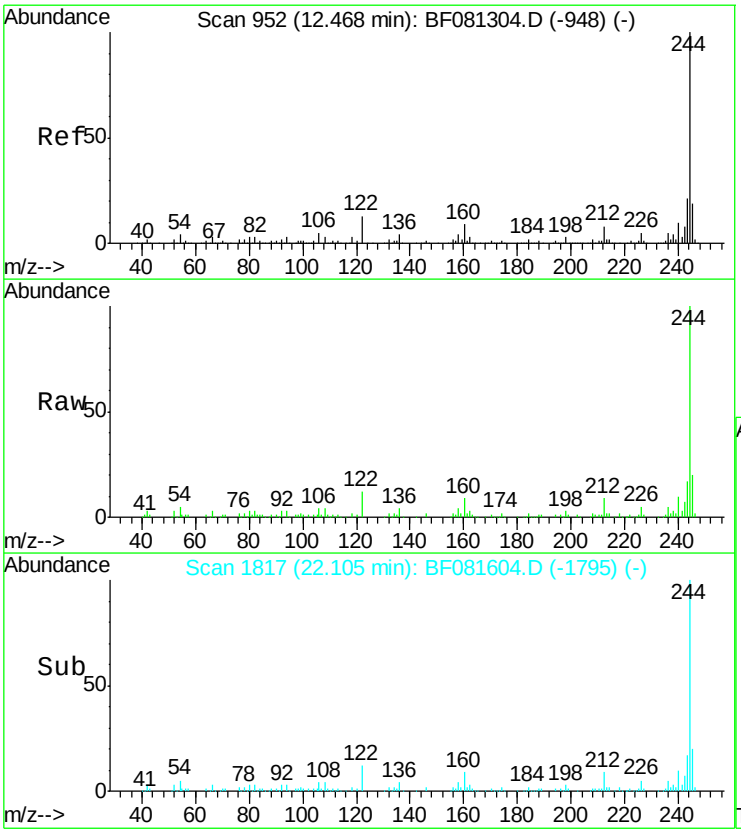
#77
Pyrene
Concen: 34.78 ng
RT: 21.78 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:202 Resp: 394703

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.0	22.4
203	21.6	14.1	21.1#

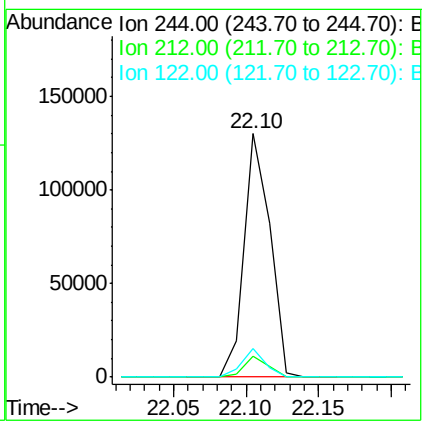


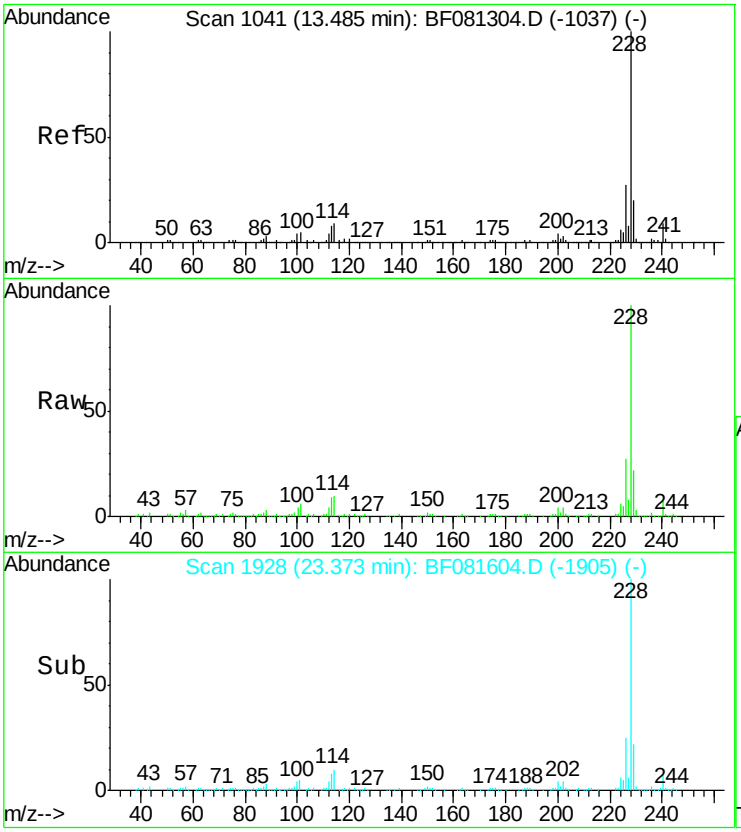


#78
Terphenyl-d14
Concen: 24.48 ng
RT: 22.10 min Scan# 1817
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:244 Resp: 161139

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.3	6.5#
122	11.9	17.4	26.2#



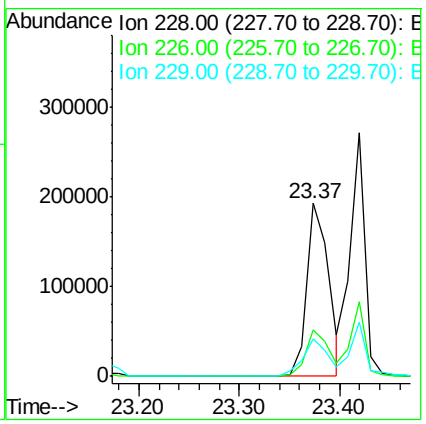


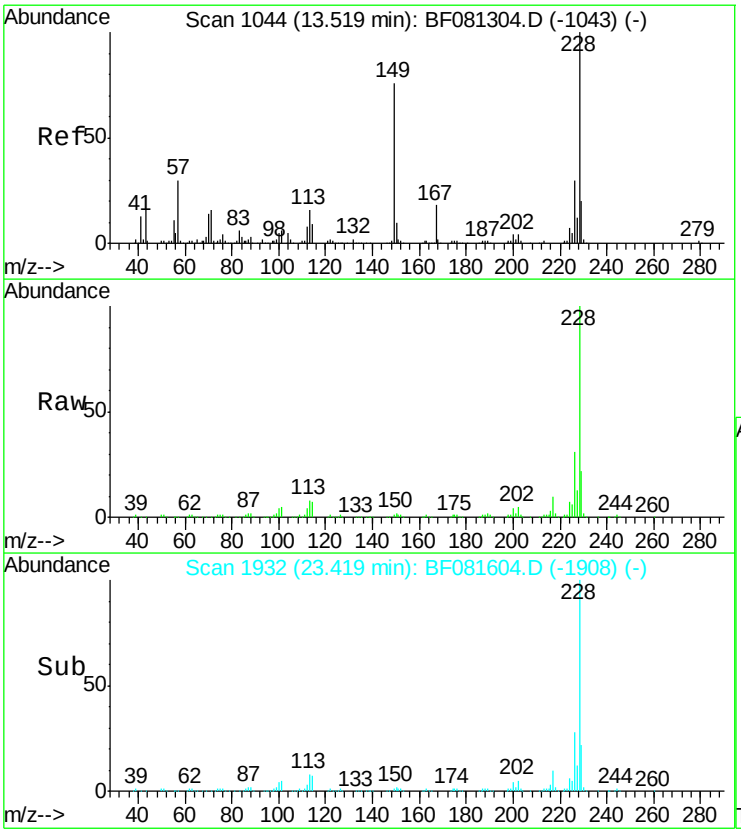
#80
Benzo(a)anthracene
Concen: 30.02 ng
RT: 23.37 min Scan# 1928
Delta R.T. -0.03 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:228 Resp: 292924

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.0	30.0
229	22.0	15.4	23.2

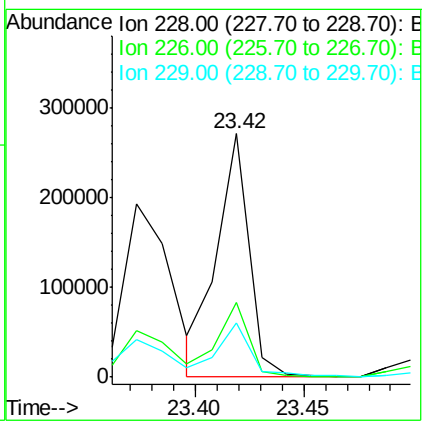


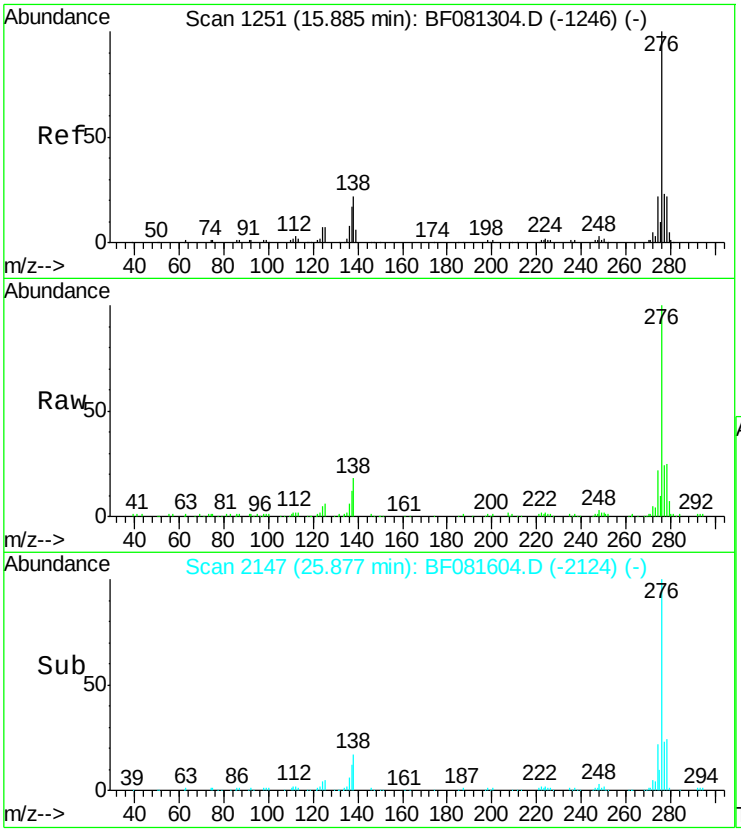


#82
Chrysene
Concen: 31.65 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:228 Resp: 276842

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	22.0	15.6	23.4



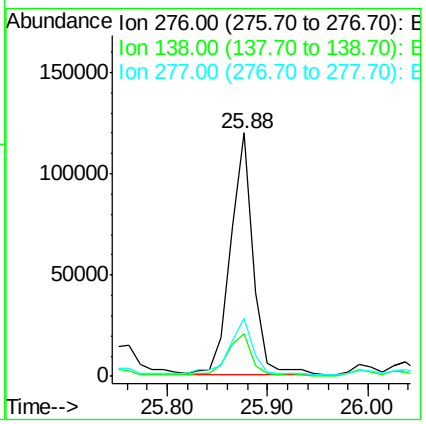


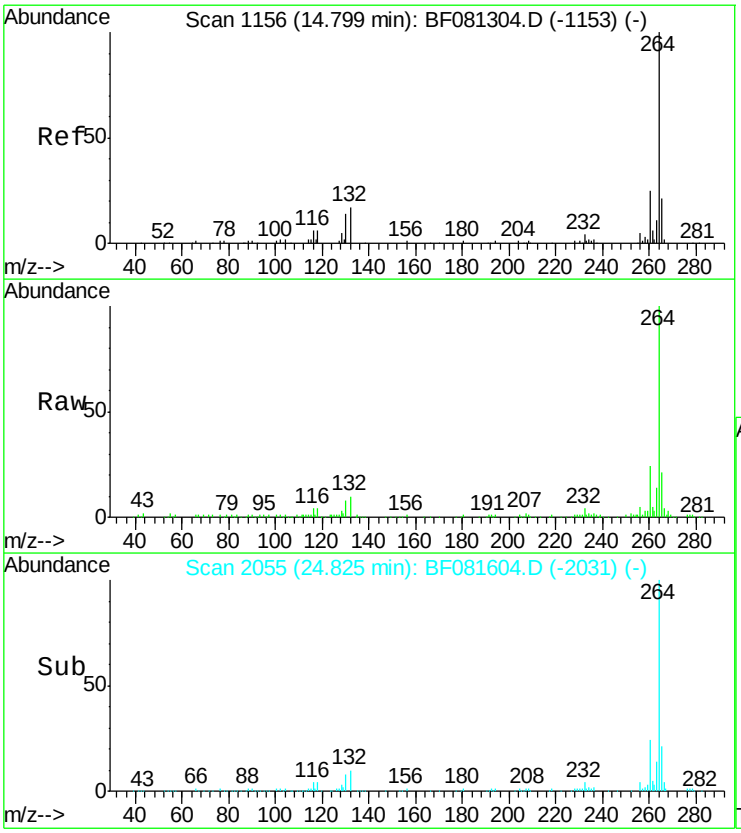
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.16 ng
RT: 25.88 min Scan# 2147
Delta R.T. -0.03 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:276 Resp: 187118

Ion	Ratio	Lower	Upper
276	100		
138	20.1	25.7	38.5#
277	25.0	15.6	23.4#

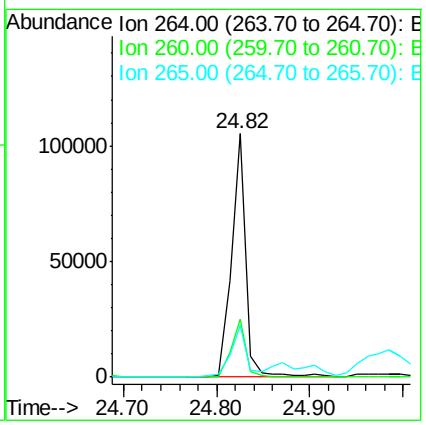


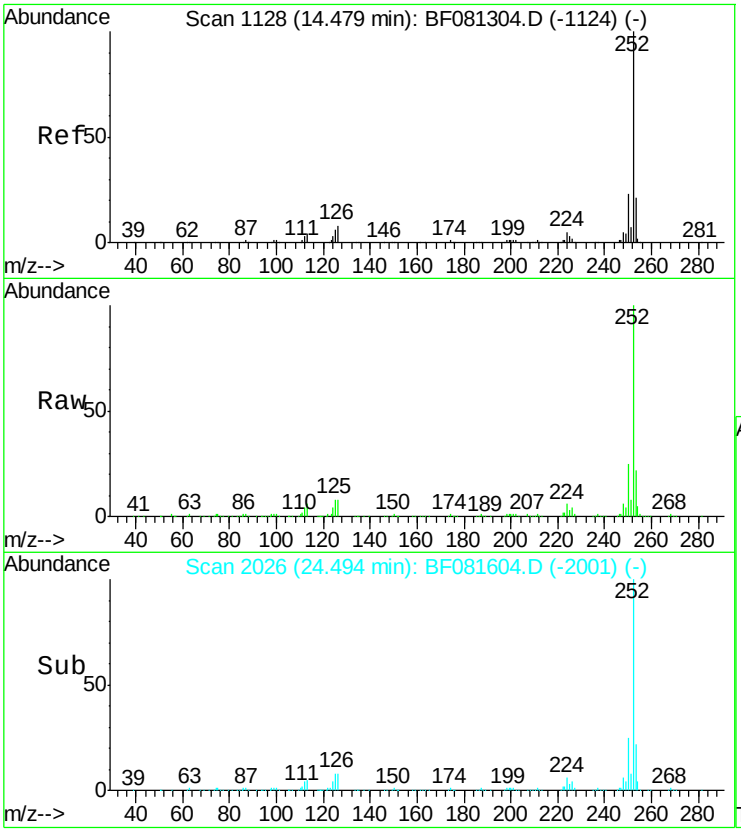


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:264 Resp: 113827

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.1	17.2	25.8



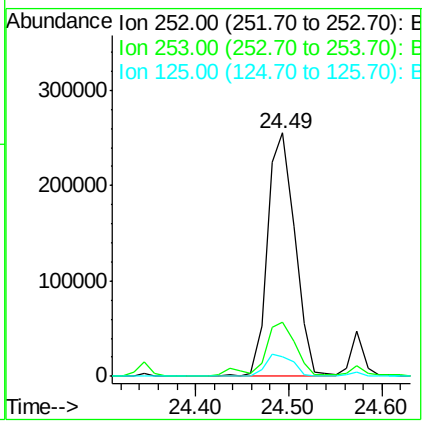


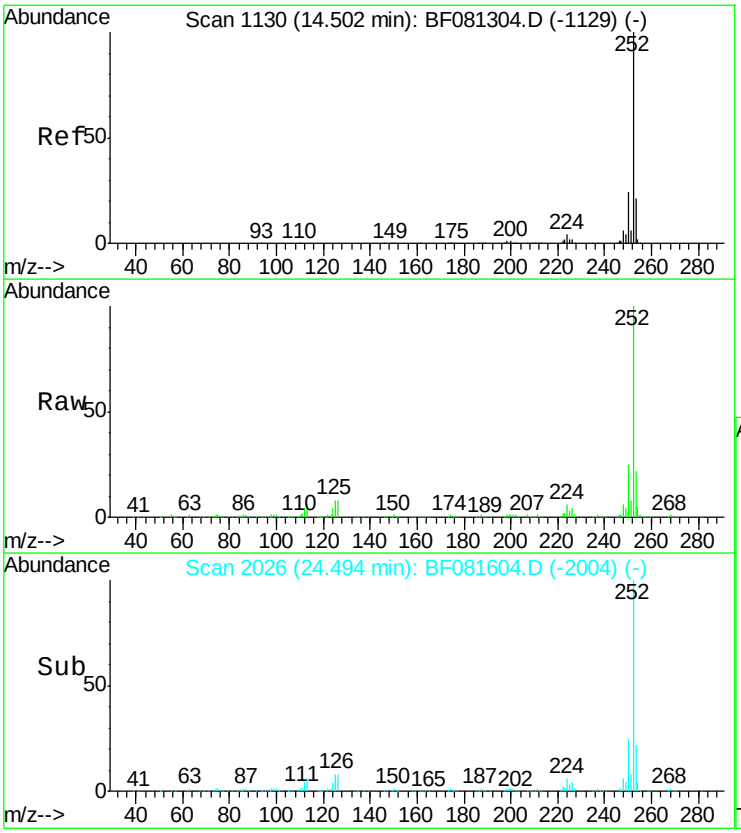
#87
Benzo(b)fluoranthene
Concen: 63.79 ng
RT: 24.49 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:252 Resp: 518371

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	8.0	17.1	25.7#

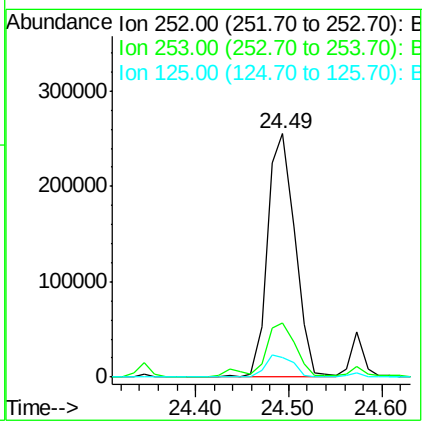


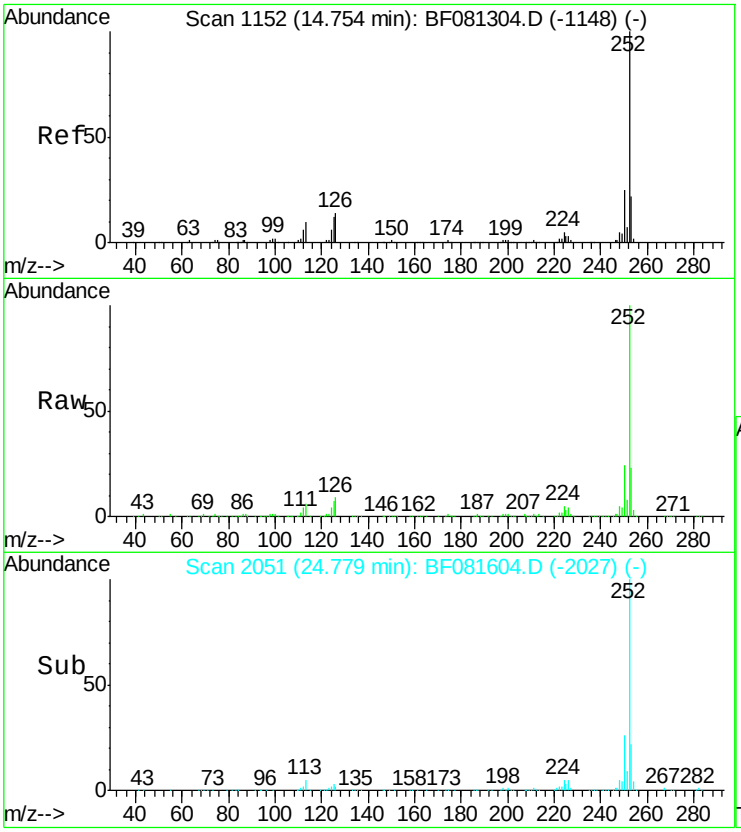


#88
Benzo(k)fluoranthene
Concen: 76.88 ng
RT: 24.49 min Scan# 2026
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:252 Resp: 518371

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	8.0	16.0	24.0#



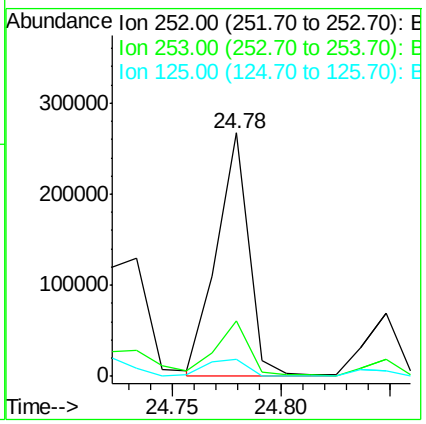


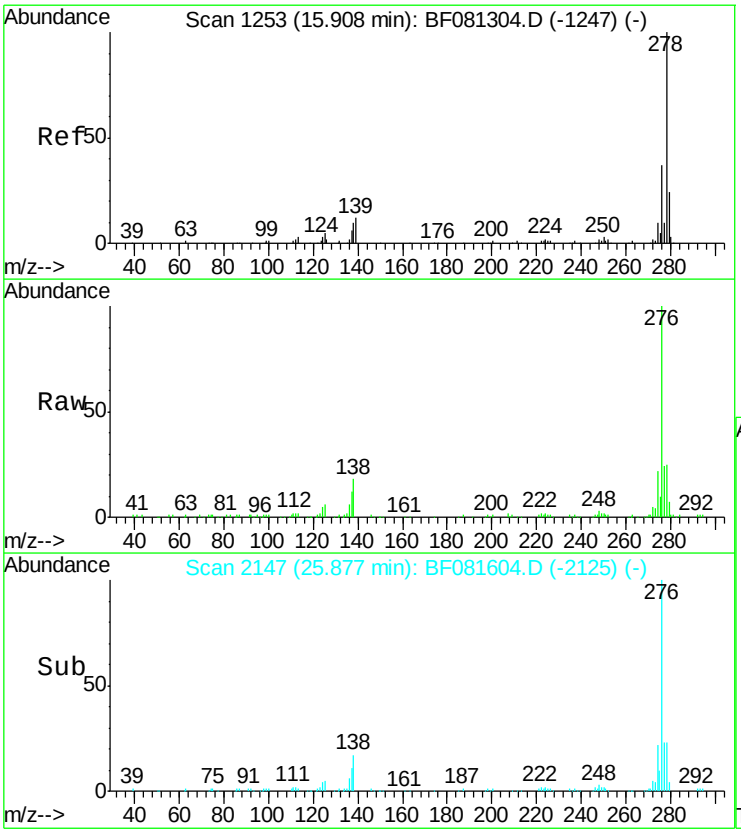
#89
Benzo(a)pyrene
Concen: 39.90 ng
RT: 24.78 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:252 Resp: 274742

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	7.0	18.0	27.0#

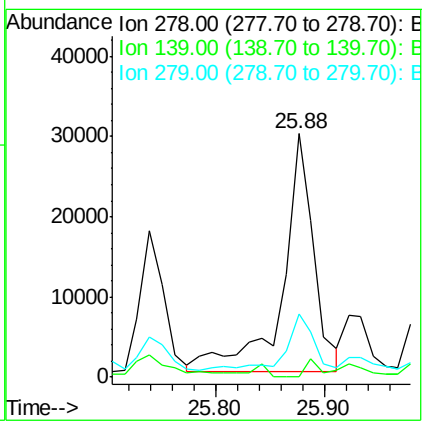


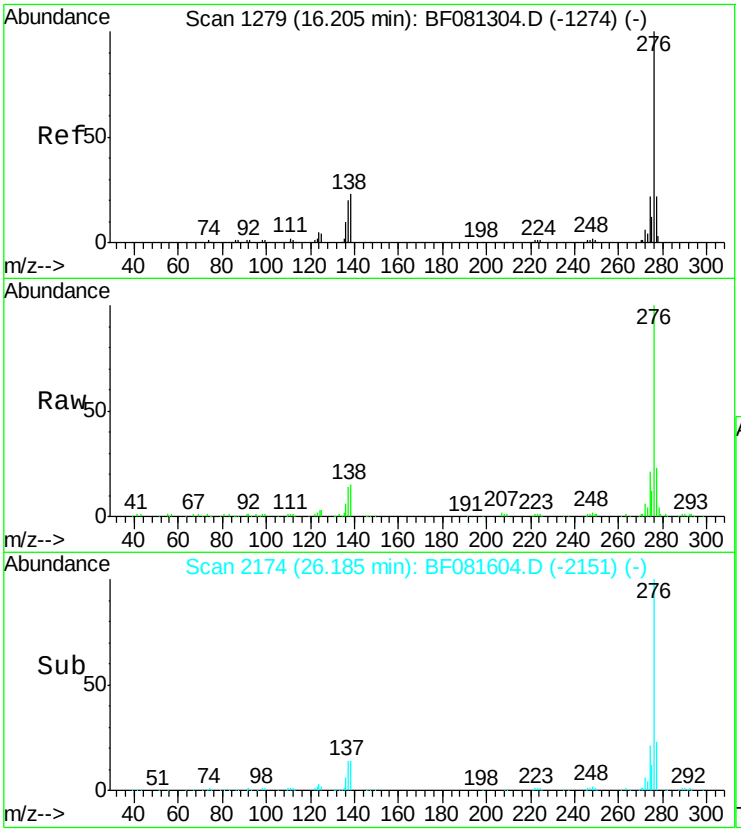


#90
Dibenzo(a,h)anthracene
Concen: 11.25 ng
RT: 25.88 min Scan# 2147
Delta R.T. -0.05 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Tgt Ion:278 Resp: 59860

Ion	Ratio	Lower	Upper
278	100		
139	0.0	26.3	39.5#
279	25.9	18.2	27.4





#91
Benzo(g,h,i)perylene
Concen: 35.60 ng
RT: 26.19 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF081604.D
Acq: 14 Sep 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)DL

Tgt Ion:276 Resp: 180810

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	15.1	34.6	51.8#