Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081483.D
Acq On : 6 Sep 2015 1:03
Operator : UM/IZ
Sample : G3555-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9

Quant Time: Sep 07 01:32:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55088	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	210947	20.00	ng		-0.03
38) Acenaphthene-d10	9.38	164	93415	20.00	ng		-0.03
63) Phenanthrene-d10	10.84	188	179463	20.00	ng		-0.03
75) Chrysene-d12	13.45	240	125139	20.00	ng		-0.05
86) Perylene-d12	14.77	264	91244	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	371769	104.71	ng		-0.02
7) Phenol-d6	6.02	99	492202	104.73	ng		-0.03
23) Nitrobenzene-d5	6.94	82	356894	81.63	ng		-0.03
41) 2,4,6-Tribromophenol	10.17	330	98115	117.96	ng		-0.03
44) 2-Fluorobiphenyl	8.73	172	528620	72.52	ng		-0.03
78) Terphenyl-d14	12.43	244	427901	79.60	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.12	77	10781	3.66	ng	#	60
19) n-Nitroso-di-n-propylamine	6.94	70	47952	14.99	ng	#	61
49) Dimethylphthalate	9.13	163	106861	14.72	ng	#	97
56) 2,4-Dinitrotoluene	9.38	165	12128	5.78	ng	#	31
66) 4-Bromophenyl-phenylether	10.17	248	7365	4.06	ng	#	1
70) Phenanthrene	10.87	178	22180	2.22	ng		96
71) Anthracene	10.87	178	22180	2.16	ng		96
74) Fluoranthene	12.05	202	37074	3.43	ng		86
77) Pyrene	12.26	202	31347	3.38	ng		95
87) Benzo(b)fluoranthene	14.43	252	14992	2.30	ng	#	91
88) Benzo(k)fluoranthene	14.43	252	14992	2.77	ng	#	93

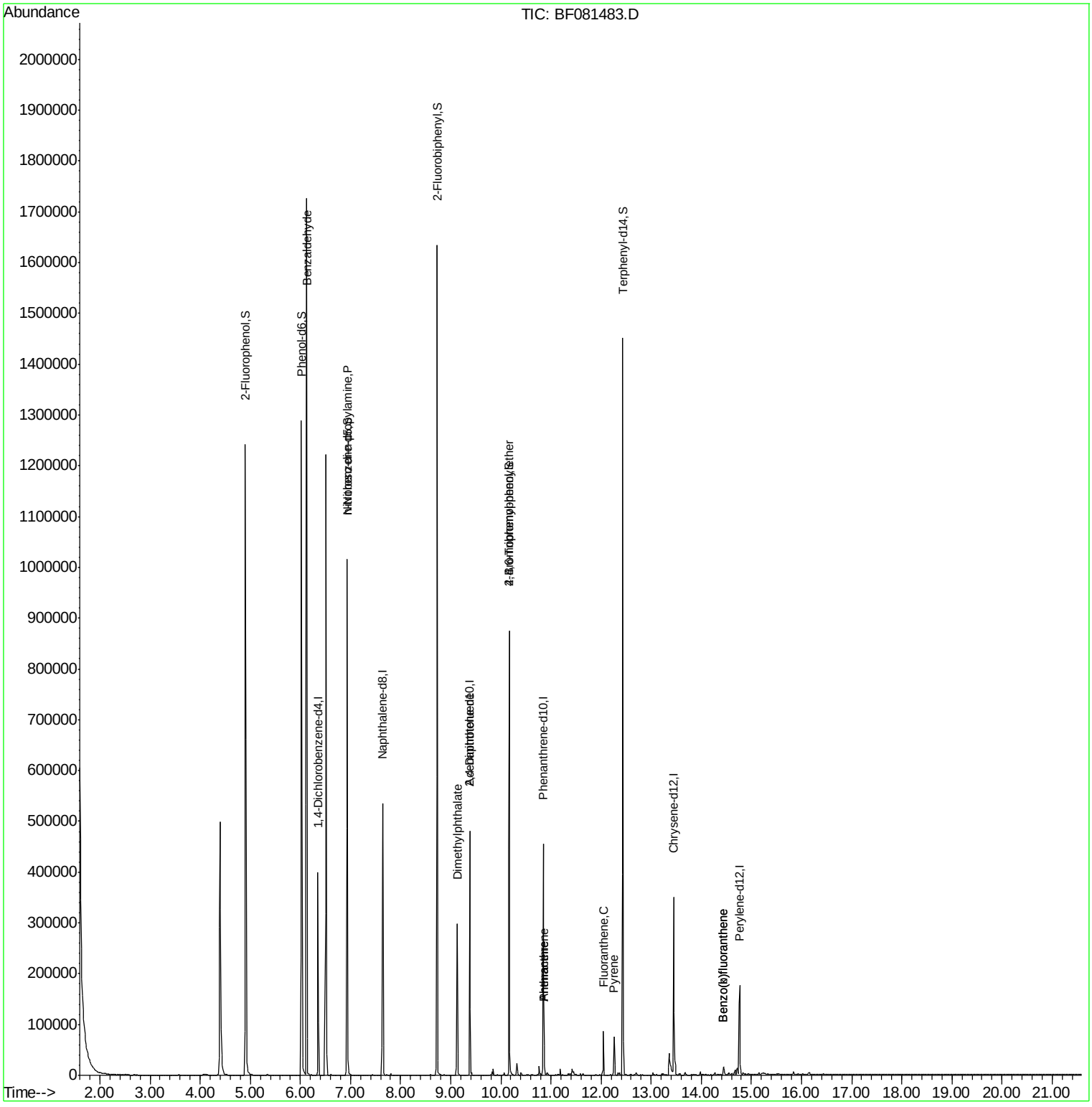
(#) = qualifier out of range (m) = manual integration (+) = signals summed

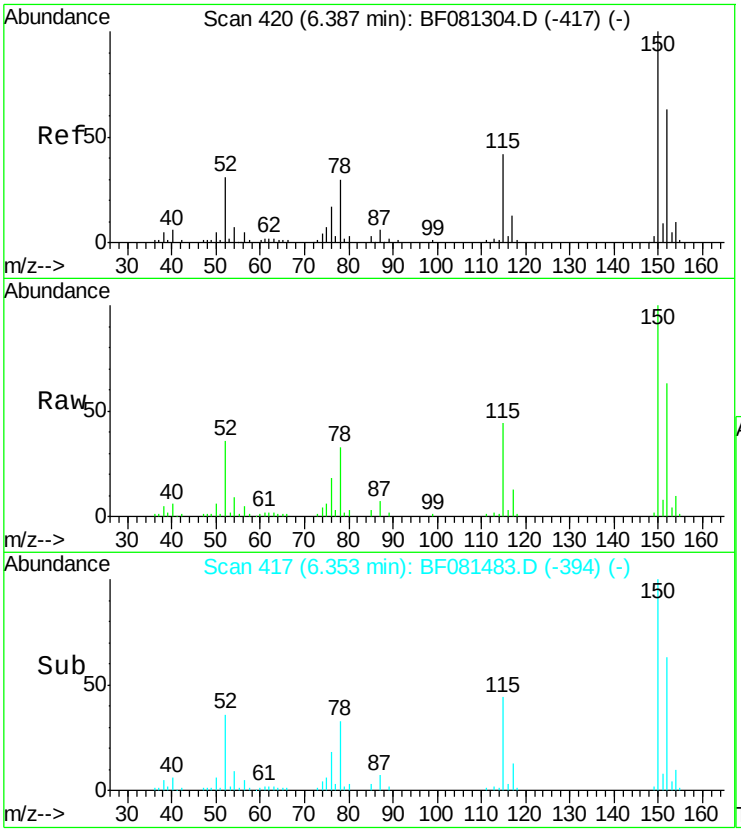
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081483.D
Acq On : 6 Sep 2015 1:03
Operator : UM/IZ
Sample : G3555-09
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9

Quant Time: Sep 07 01:32:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration



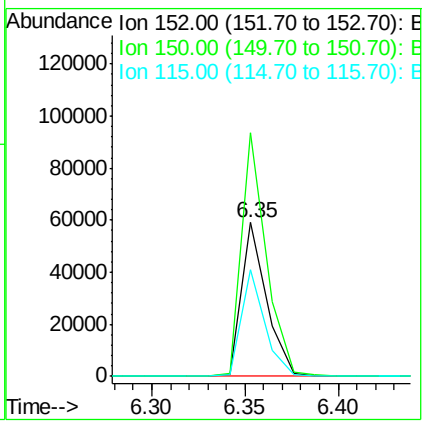


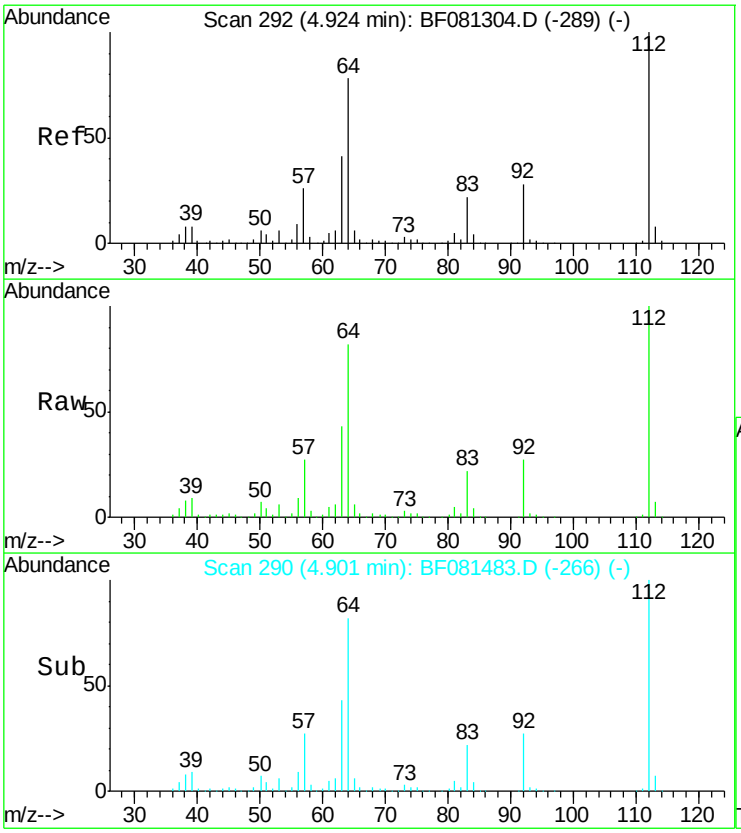
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:152 Resp: 55088

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.7	187.1
115	69.7	39.0	58.4#

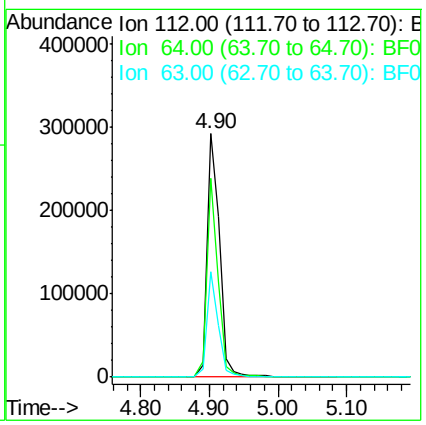


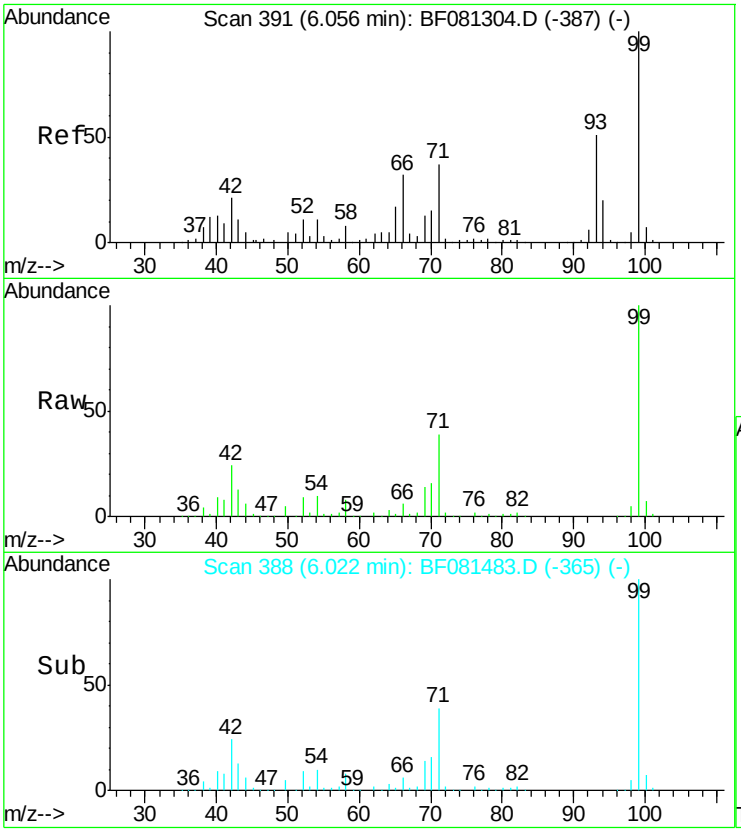


#5
2-Fluorophenol
Concen: 104.71 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:112 Resp: 371769

Ion	Ratio	Lower	Upper
112	100		
64	81.8	39.7	59.5#
63	43.2	17.4	26.0#



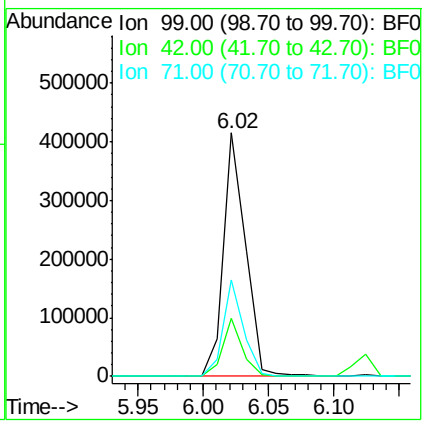


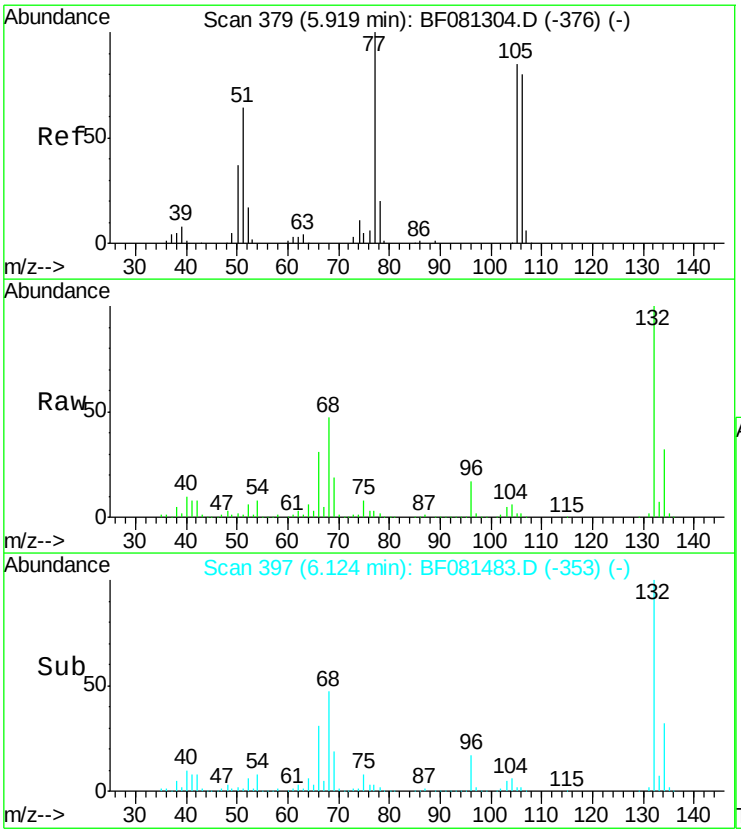
#7
Phenol-d6
Concen: 104.73 ng
RT: 6.02 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion: 99 Resp: 492202

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.7	20.5#
71	39.5	14.2	21.2#

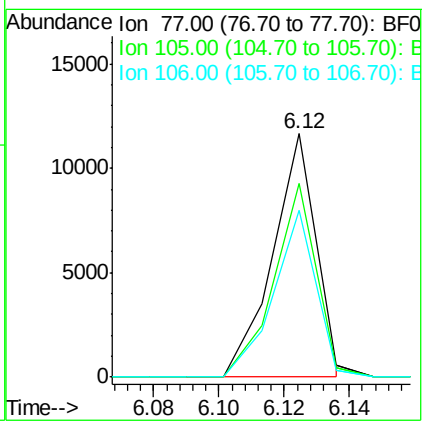


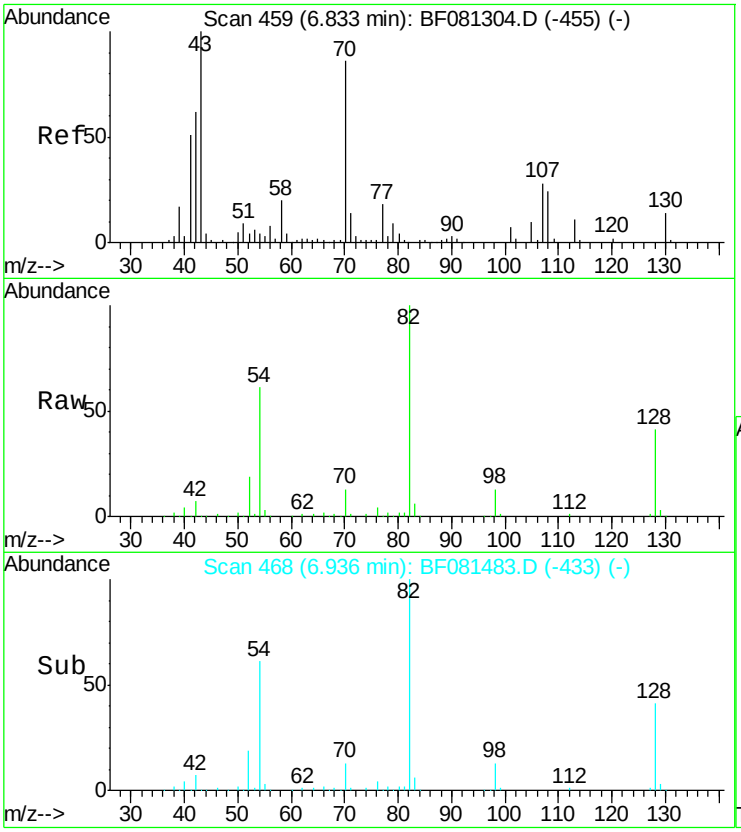


#9
Benzaldehyde
Concen: 3.66 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.21 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion: 77 Resp: 10781

Ion	Ratio	Lower	Upper
77	100		
105	79.3	91.6	131.6#
106	68.7	102.6	142.6#



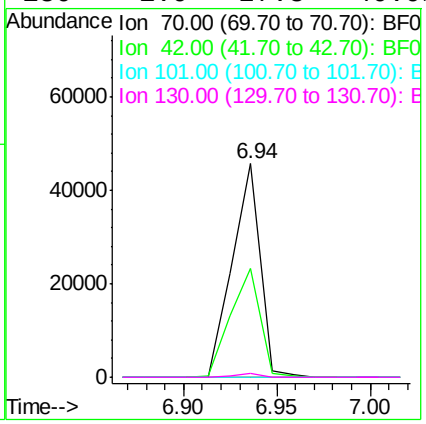


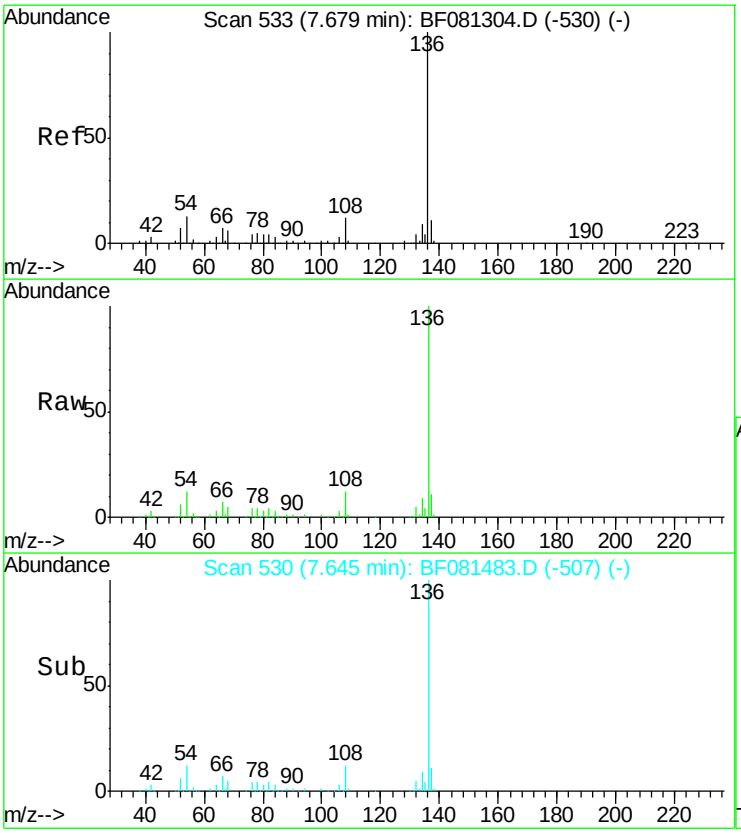
#19
n-Nitroso-di-n-propylamine
Concen: 14.99 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion: 70 Resp: 47952

Ion	Ratio	Lower	Upper
70	100		
42	50.7	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#

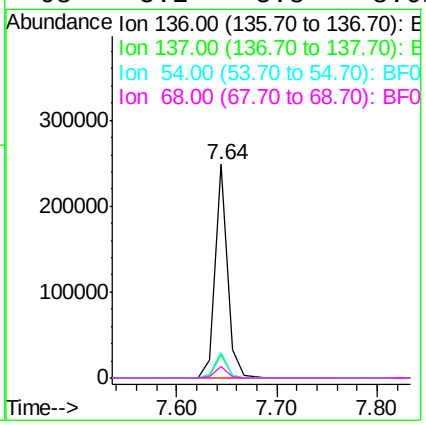


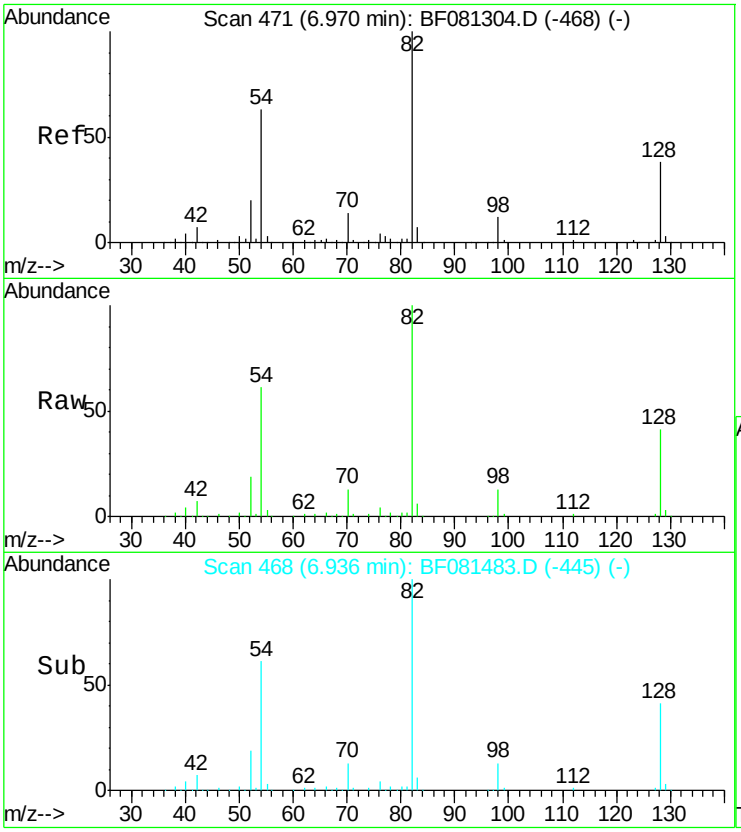


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:136 Resp: 210947

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	11.7	8.2	12.2
68	5.2	5.8	8.6#



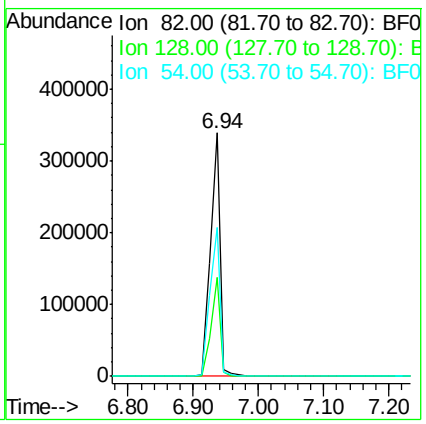


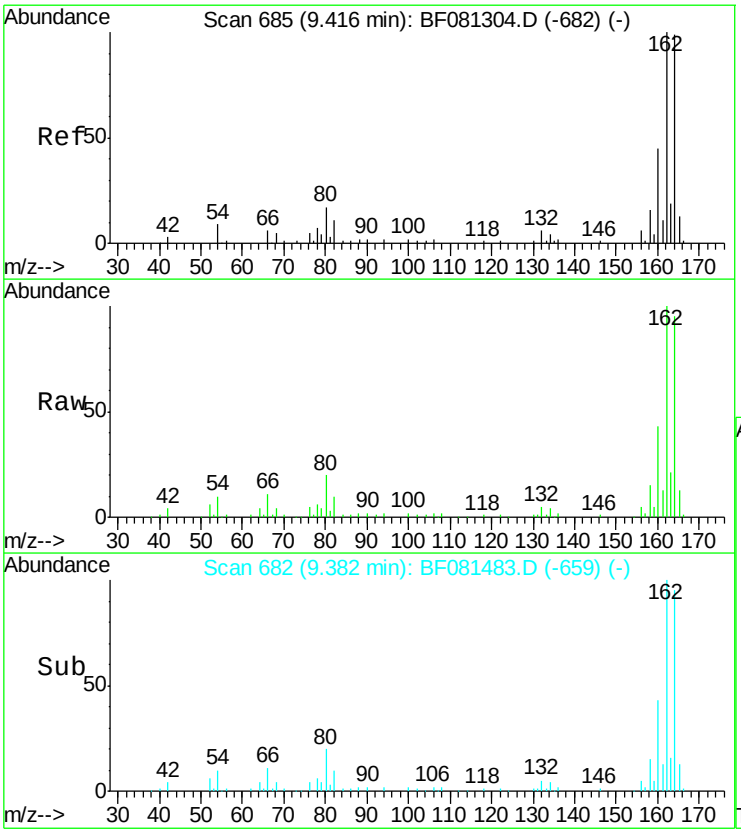
#23
Nitrobenzene-d5
Concen: 81.63 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion: 82 Resp: 356894

Ion	Ratio	Lower	Upper
82	100		
128	40.8	51.0	76.6#
54	61.2	47.5	71.3

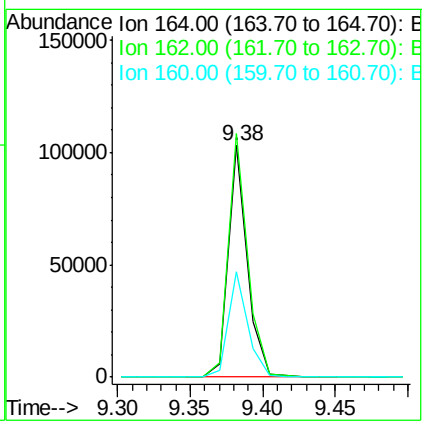


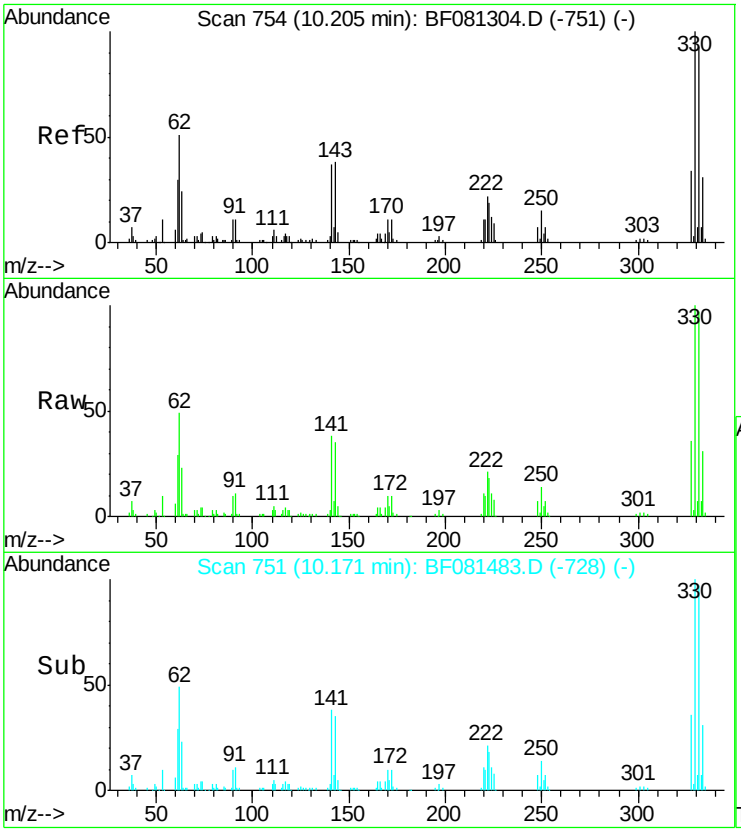


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:164 Resp: 93415

Ion	Ratio	Lower	Upper
164	100		
162	105.1	75.2	112.8
160	45.3	31.5	47.3



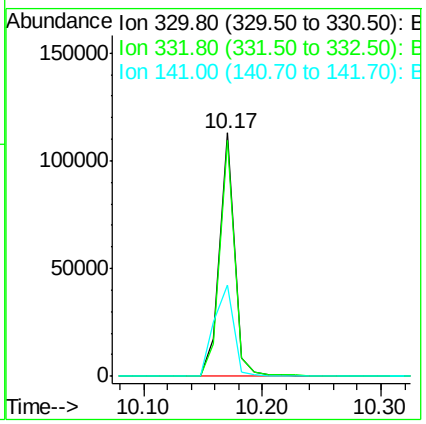


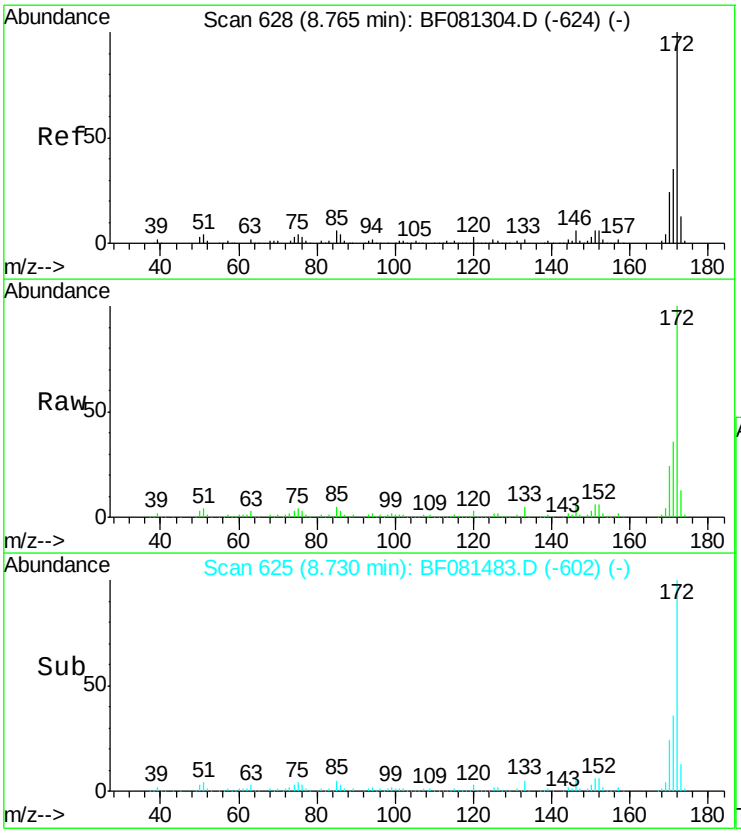
#41
2,4,6-Tribromophenol
Concen: 117.96 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:330 Resp: 98115

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	49.3	29.7	44.5#

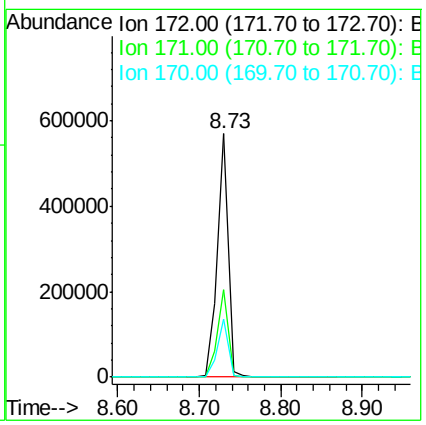


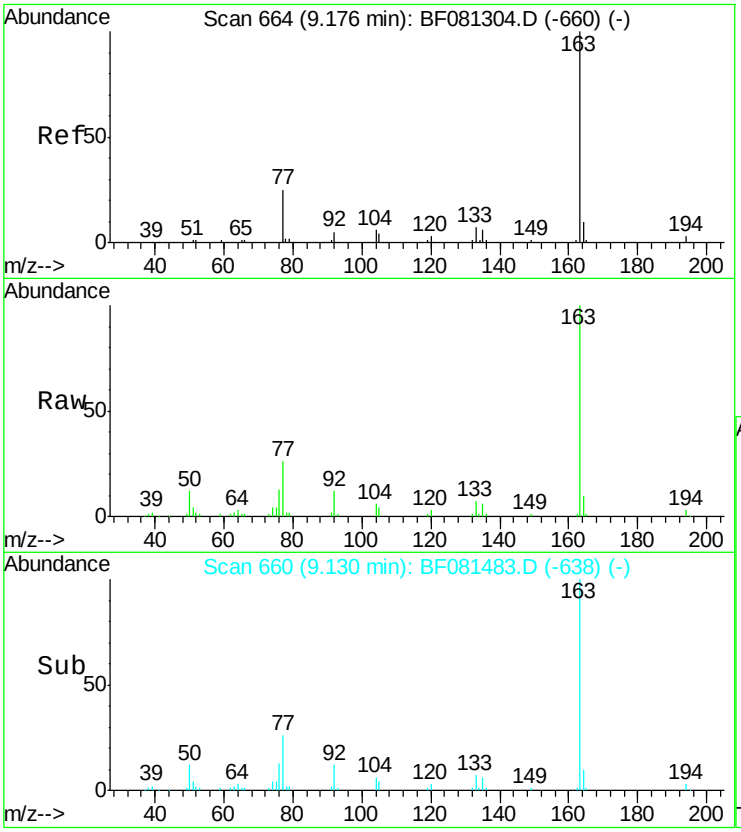


#44
2-Fluorobiphenyl
Concen: 72.52 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:172 Resp: 528620

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	23.8	17.4	26.2



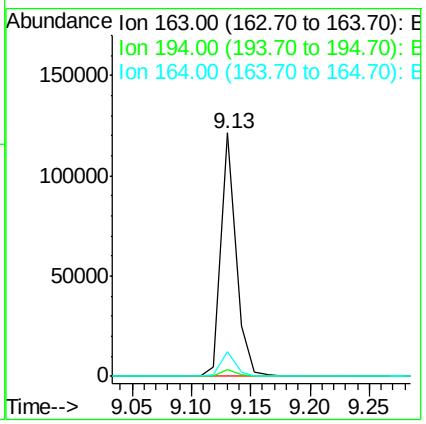


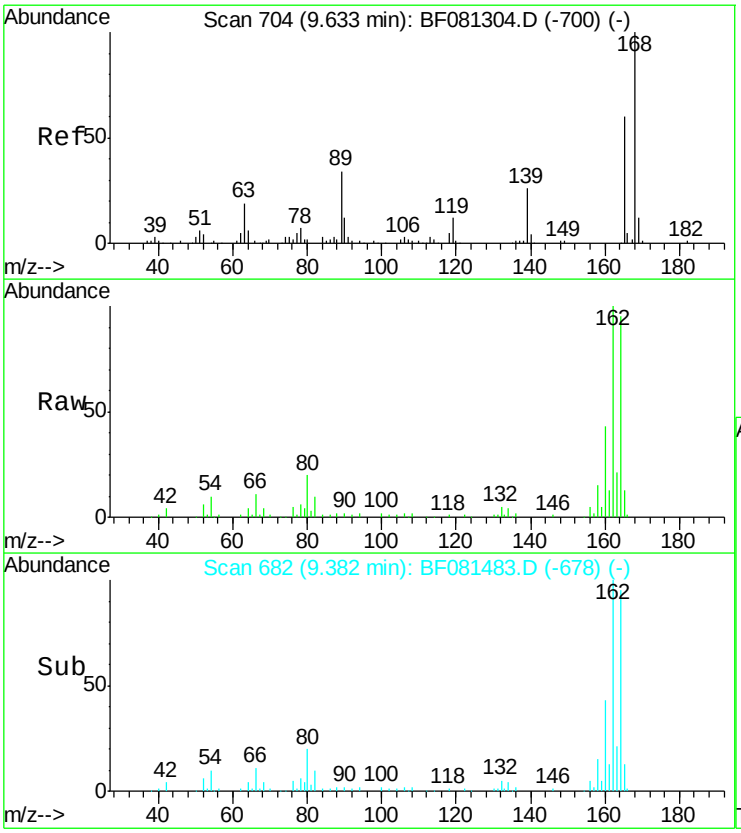
#49
Dimethylphthalate
Concen: 14.72 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:163 Resp: 106861

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	10.4	8.3	12.5

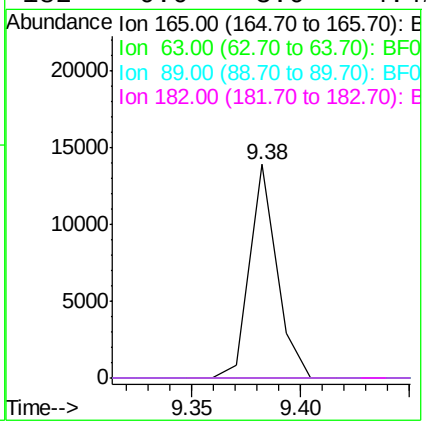


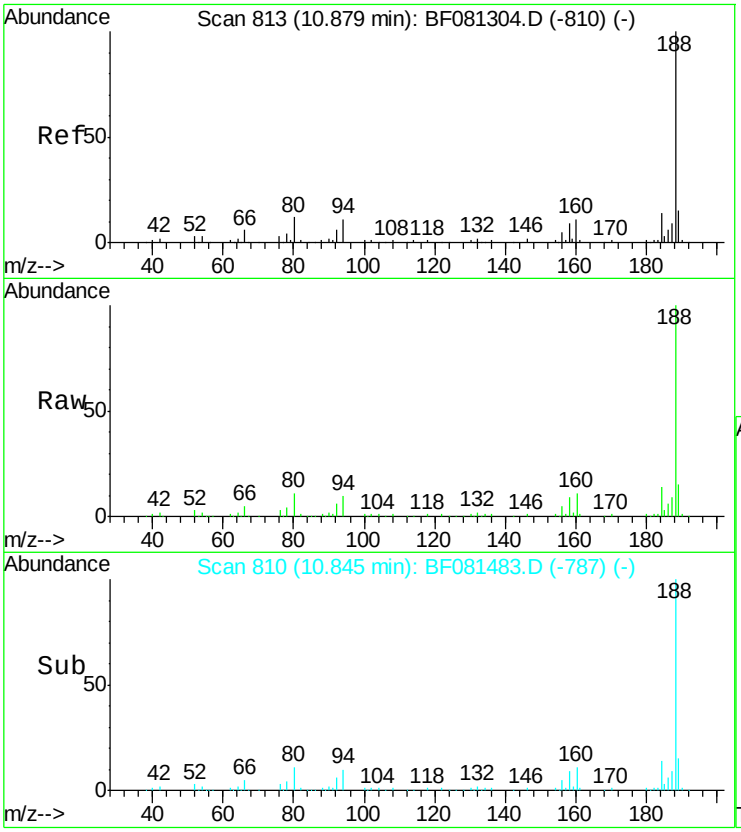


#56
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:165 Resp: 12128

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



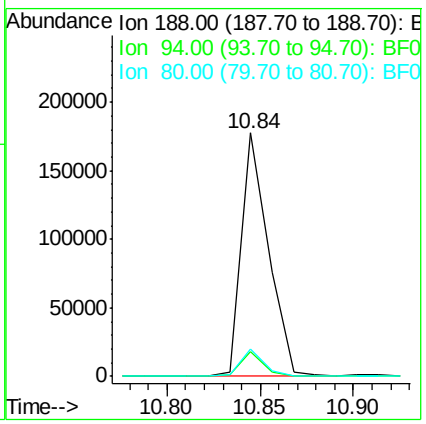


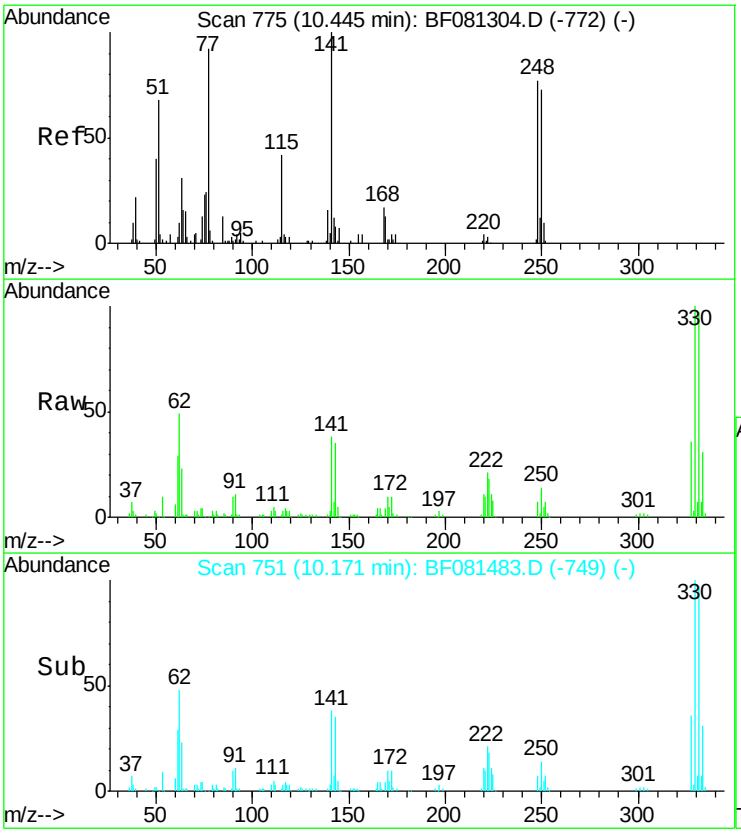
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:188 Resp: 179463

Ion	Ratio	Lower	Upper
188	100		
94	10.2	11.1	16.7#
80	11.4	11.0	16.4

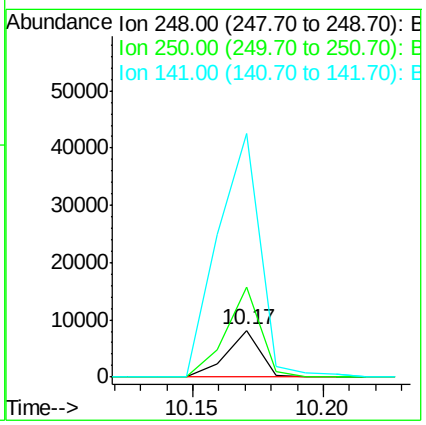


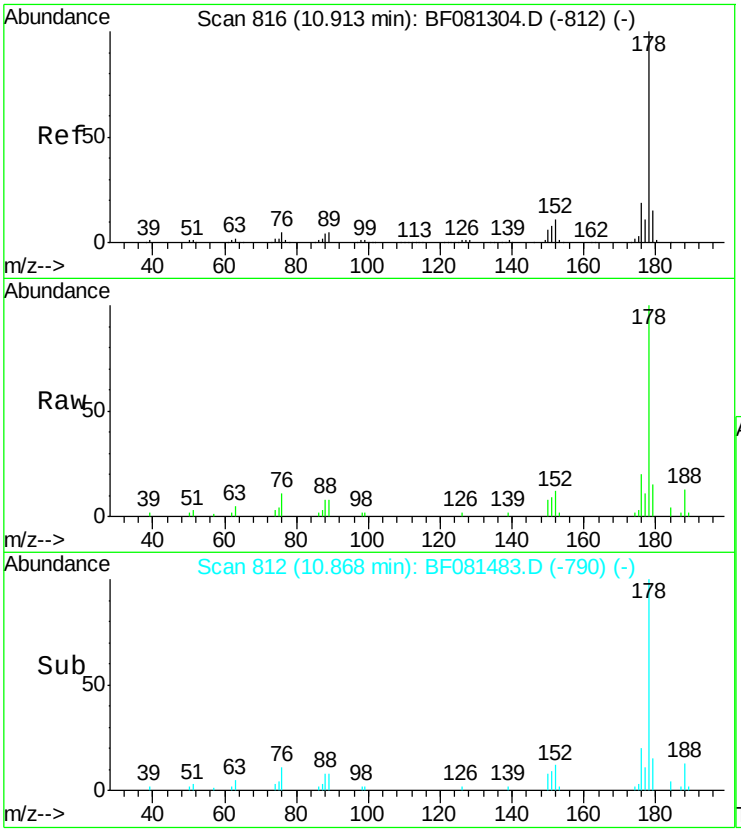


#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:248 Resp: 7365

Ion	Ratio	Lower	Upper
248	100		
250	192.4	78.5	117.7#
141	523.9	59.0	88.6#



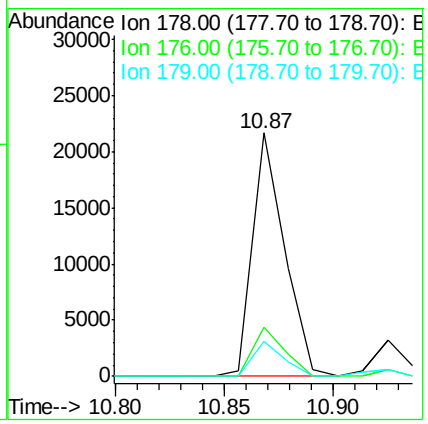


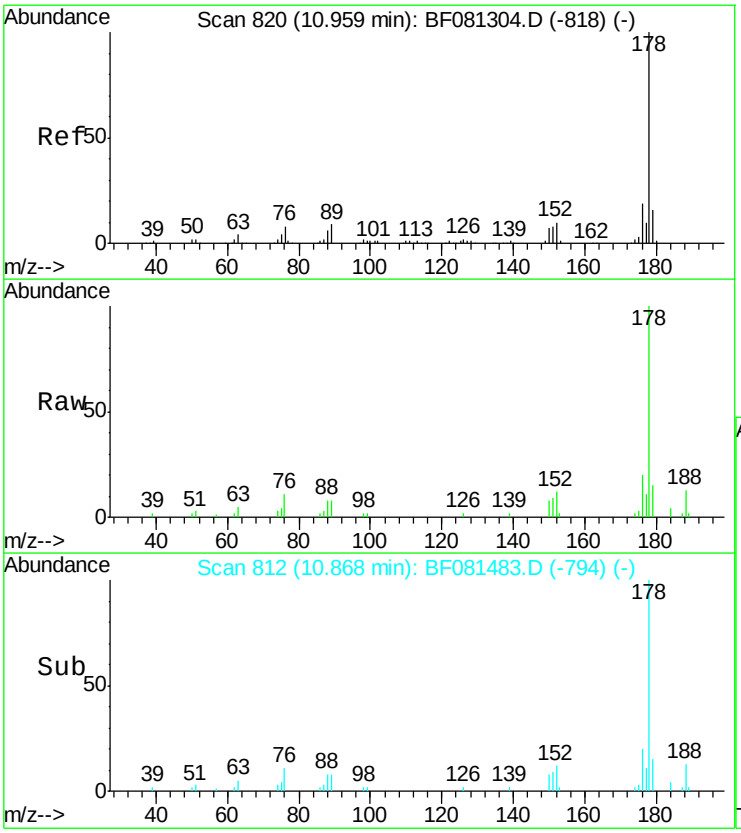
#70
Phenanthrene
Concen: 2.22 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:178 Resp: 22180

Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.8	20.8
179	14.6	12.2	18.2

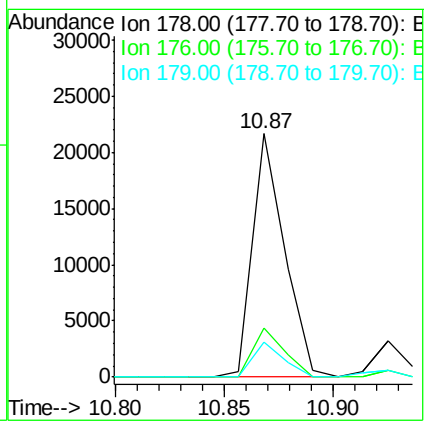


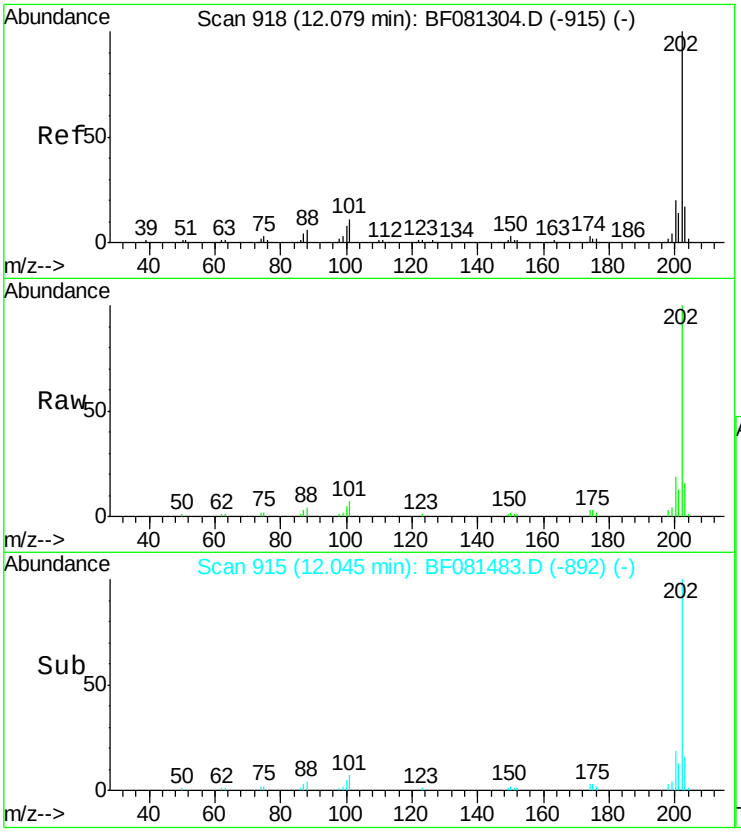


#71
Anthracene
Concen: 2.16 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:178 Resp: 22180

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.1	21.1
179	14.6	12.2	18.2



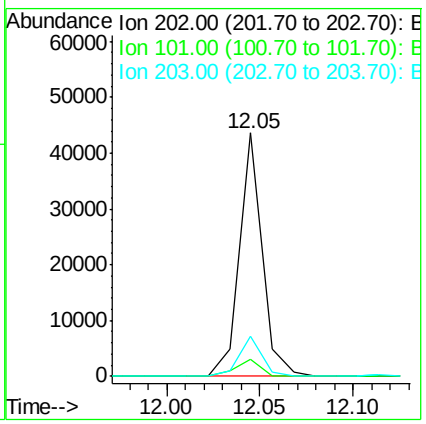


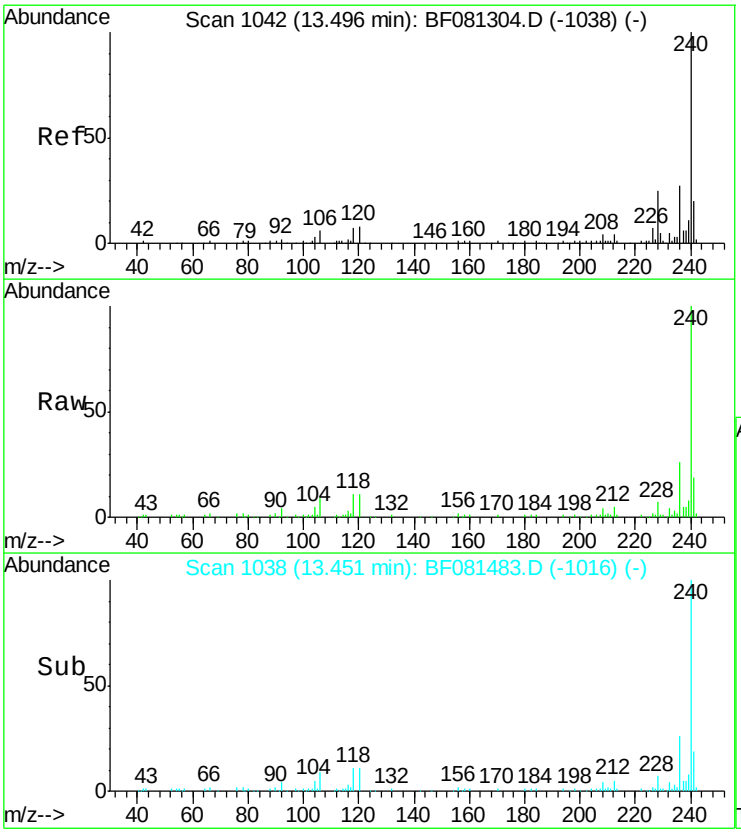
#74
Fluoranthene
Concen: 3.43 ng
RT: 12.05 min Scan# 915
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:202 Resp: 37074

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	38.3
203	16.4	0.0	37.3

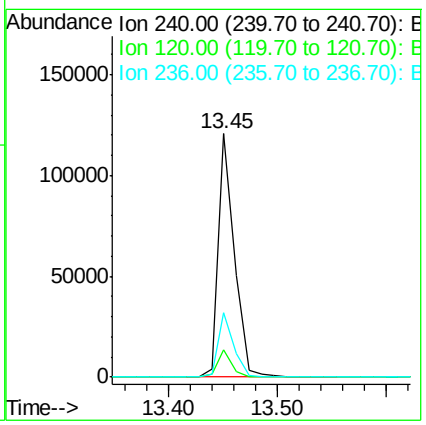


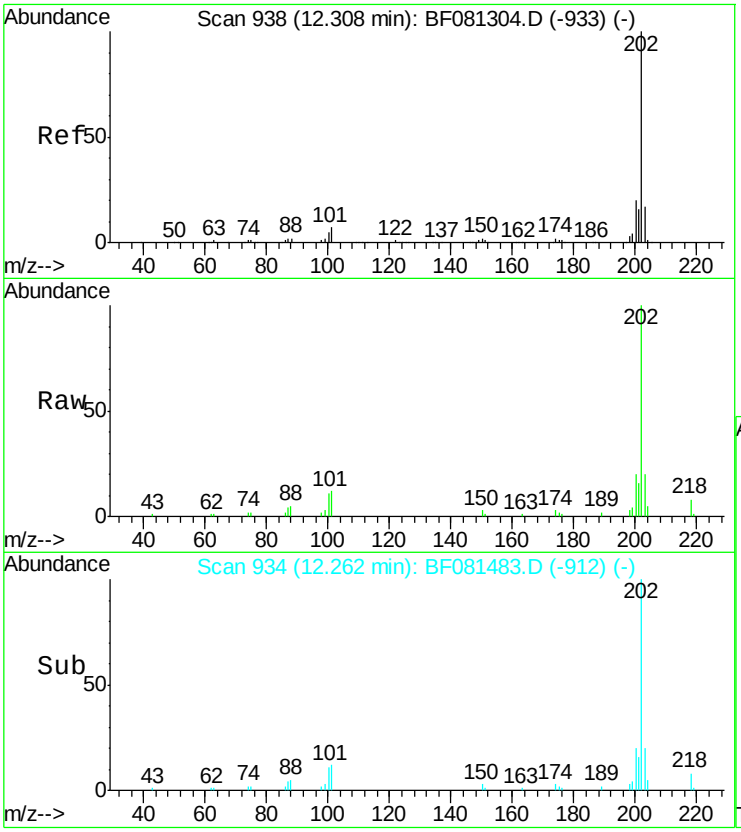


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:240 Resp: 125139

Ion	Ratio	Lower	Upper
240	100		
120	11.3	16.2	24.2#
236	26.4	18.4	27.6



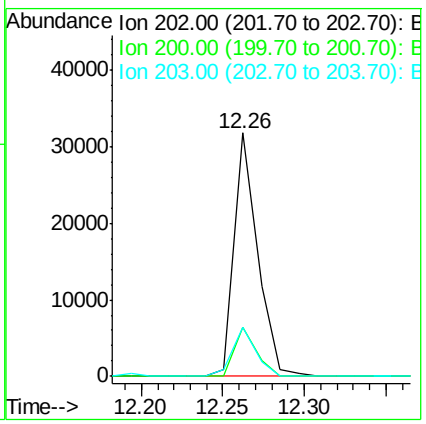


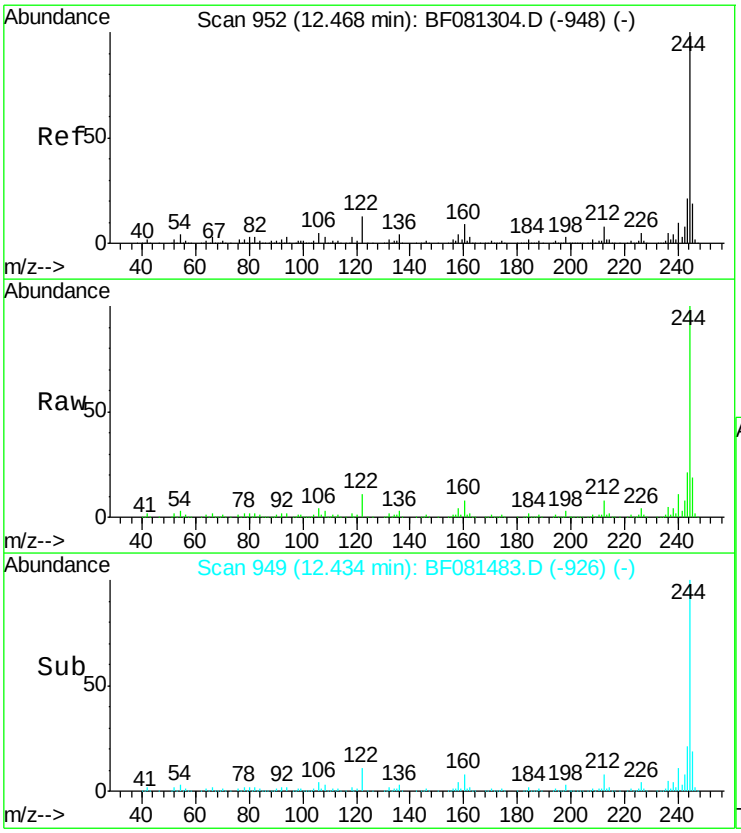
#77
Pyrene
Concen: 3.38 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.05 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:202 Resp: 31347

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.0	22.4
203	20.4	14.1	21.1

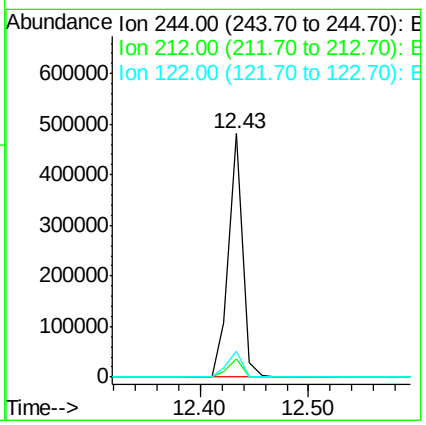


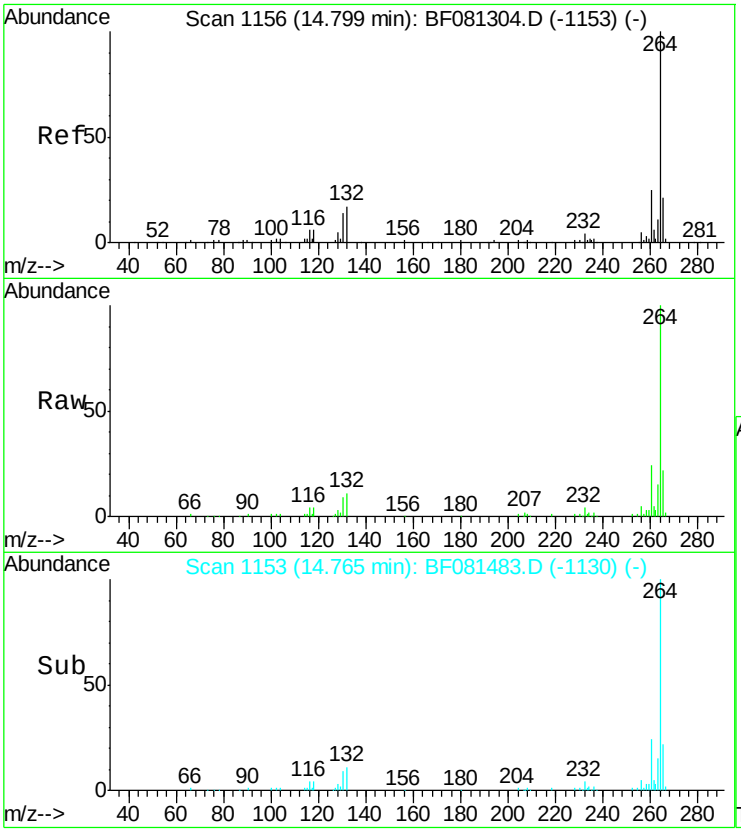


#78
Terphenyl-d14
Concen: 79.60 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:244 Resp: 427901

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	10.6	17.4	26.2#



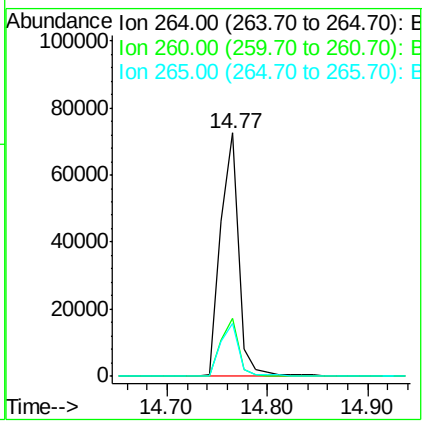


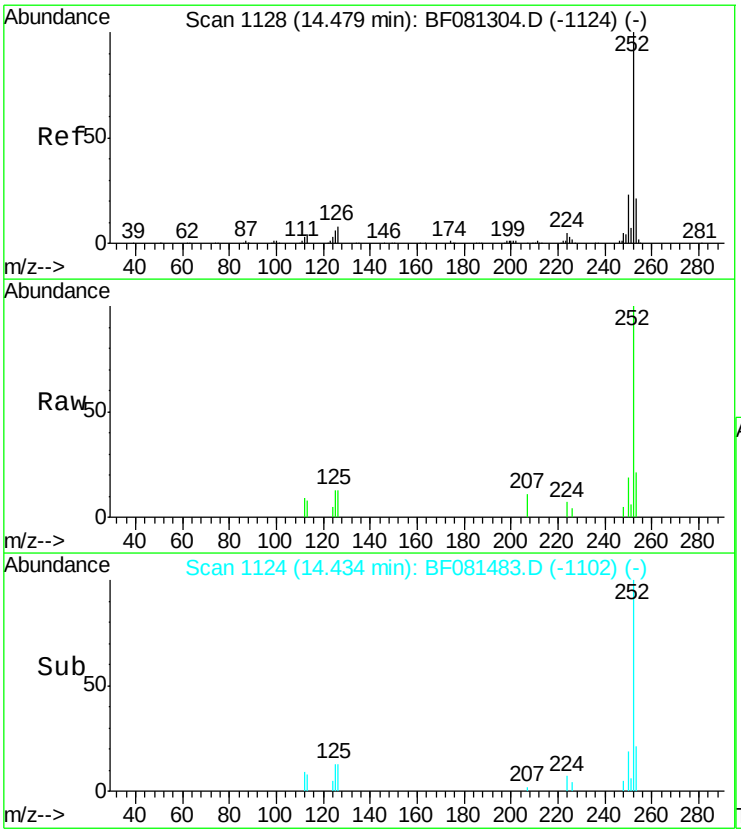
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:264 Resp: 91244

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.9	17.2	25.8

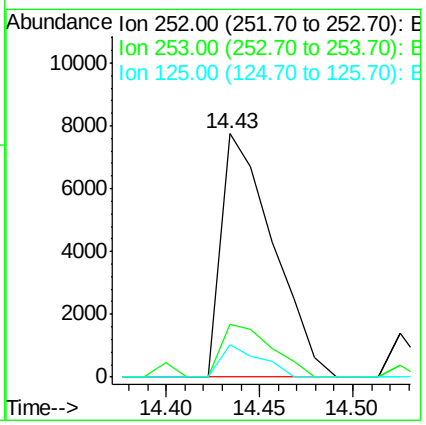


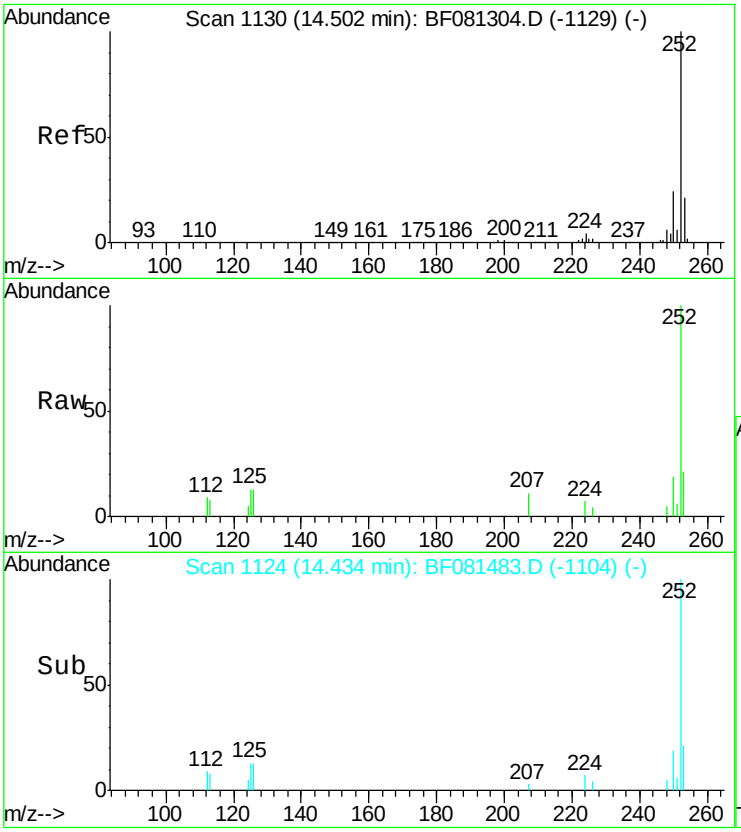


#87
Benzo(b)fluoranthene
Concen: 2.30 ng
RT: 14.43 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Tgt Ion:252 Resp: 14992

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.2	17.1	25.7#





#88
Benzo(k)fluoranthene
Concen: 2.77 ng
RT: 14.43 min Scan# 1124
Delta R.T. -0.07 min
Lab File: BF081483.D
Acq: 6 Sep 2015 1:03

Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:252 Resp: 14992

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	13.2	16.0	24.0#