Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081515.D
Acq On : 6 Sep 2015 17:53
Operator : UM/IZ
Sample : G3555-08
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-8

Quant Time: Sep 07 02:00:57 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	48505	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	182406	20.00	ng		-0.03
38) Acenaphthene-d10	9.38	164	74139	20.00	ng		-0.03
63) Phenanthrene-d10	10.86	188	125931	20.00	ng		-0.02
75) Chrysene-d12	13.46	240	108787	20.00	ng		-0.03
86) Perylene-d12	14.77	264	77707	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	437873	140.06	ng		-0.01
7) Phenol-d6	6.03	99	557782	134.79	ng		-0.02
23) Nitrobenzene-d5	6.94	82	336962	89.13	ng		-0.03
41) 2,4,6-Tribromophenol	10.17	330	76183	115.41	ng		-0.03
44) 2-Fluorobiphenyl	8.73	172	498906	86.24	ng		-0.03
78) Terphenyl-d14	12.43	244	331098	70.85	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.94	70	46824	16.63	ng	#	64
25) Isophorone	6.94	82	261542	37.19	ng	#	58
49) Dimethylphthalate	9.13	163	104864	18.20	ng	#	96
56) 2,4-Dinitrotoluene	9.38	165	9145	5.49	ng	#	31
66) 4-Bromophenyl-phenylether	10.17	248	6187	4.86	ng	#	1
74) Fluoranthene	12.04	202	26077	3.44	ng		88
77) Pyrene	12.27	202	23907	2.97	ng		99
80) Benzo(a)anthracene	13.45	228	14911	2.15	ng		97
82) Chrysene	13.45	228	14911	2.40	ng		98
87) Benzo(b)fluoranthene	14.45	252	13127	2.37	ng	#	89
88) Benzo(k)fluoranthene	14.45	252	13127	2.85	ng	#	90

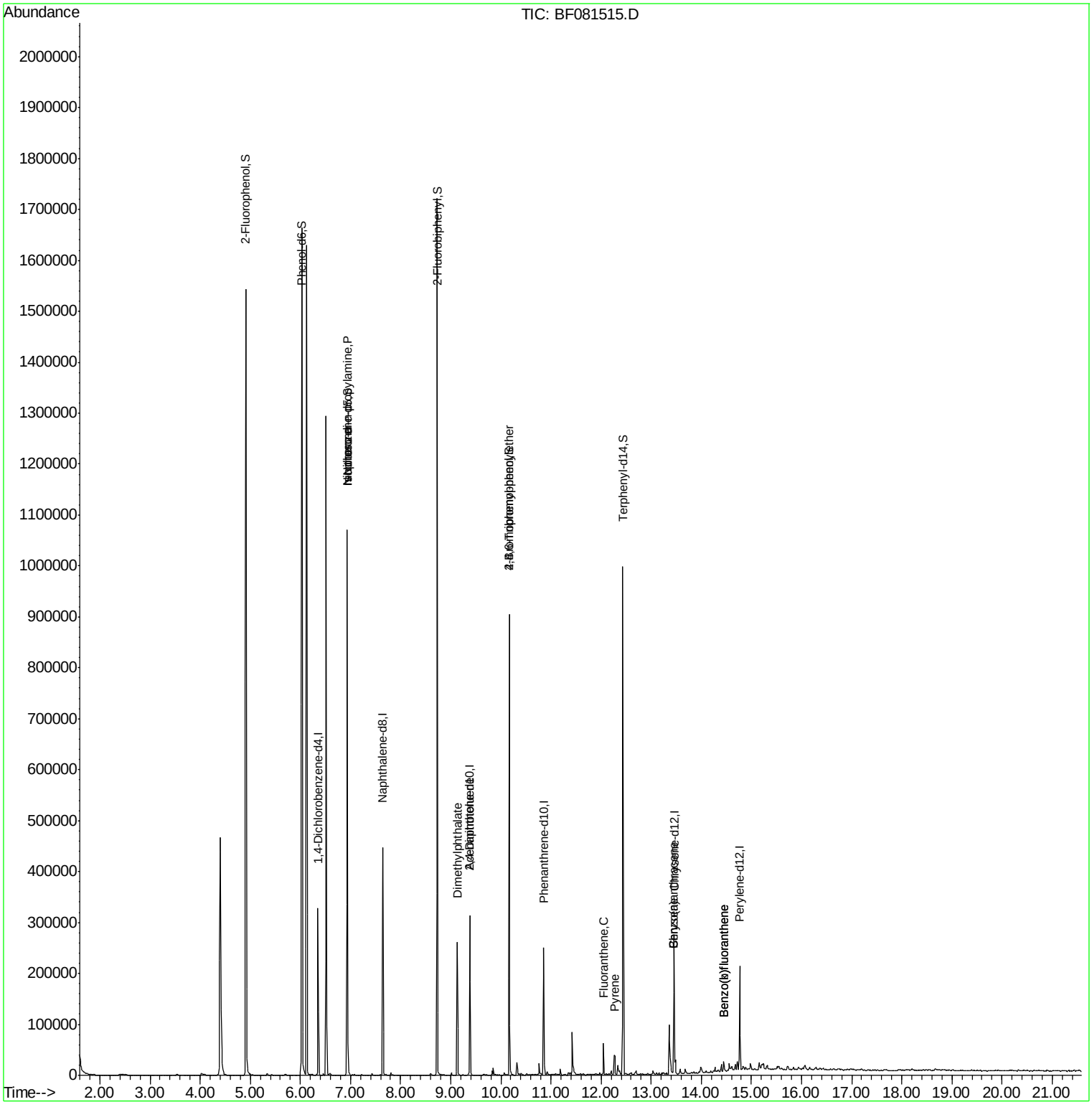
(#) = qualifier out of range (m) = manual integration (+) = signals summed

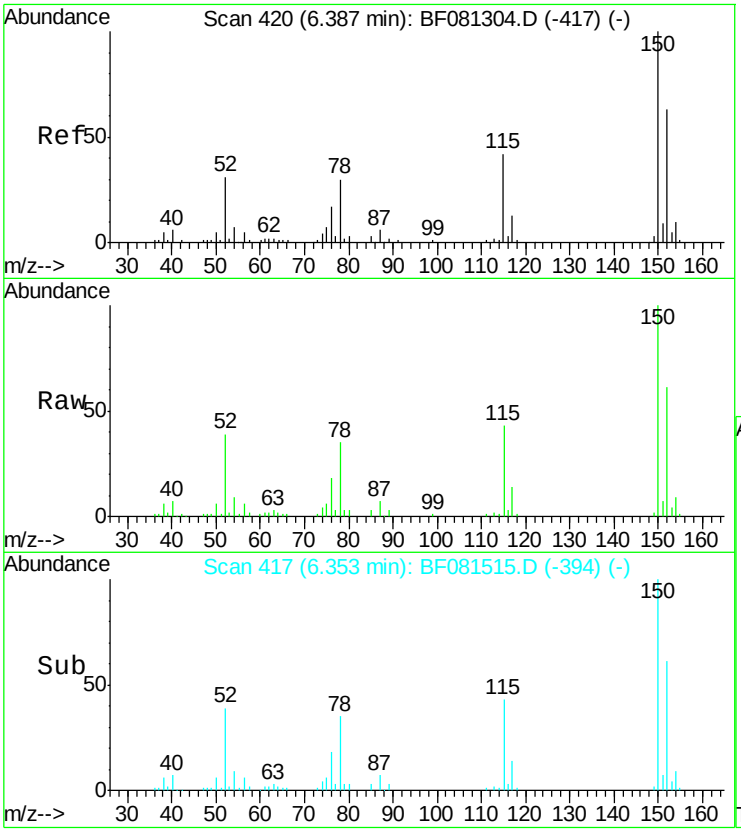
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081515.D
Acq On : 6 Sep 2015 17:53
Operator : UM/IZ
Sample : G3555-08
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8

Quant Time: Sep 07 02:00:57 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



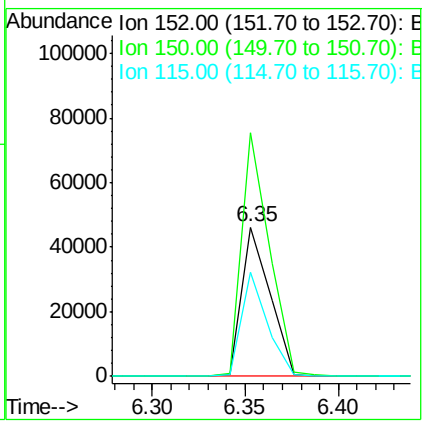


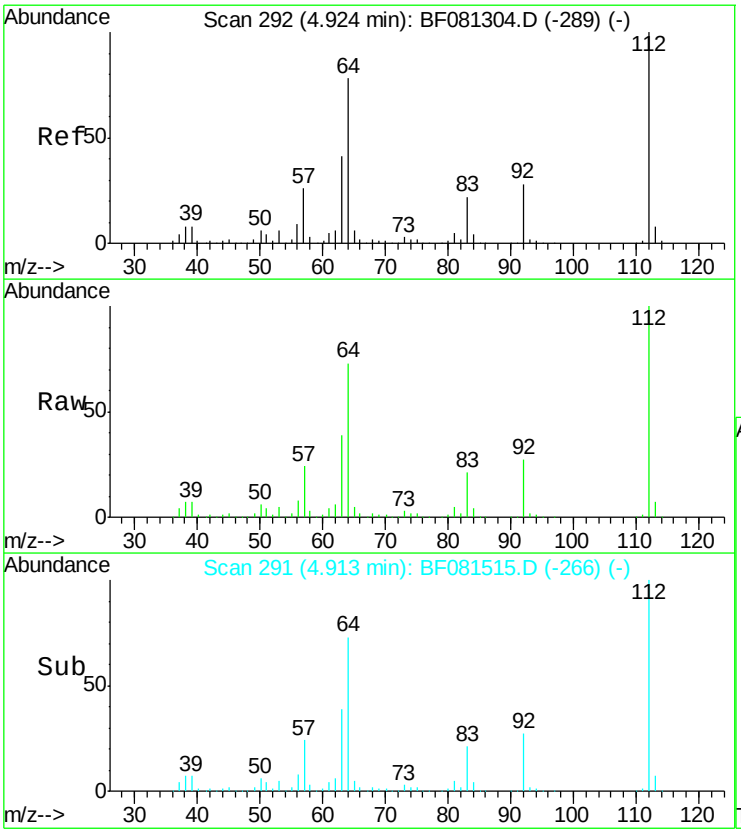
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:152 Resp: 48505

Ion	Ratio	Lower	Upper
152	100		
150	163.3	124.7	187.1
115	70.0	39.0	58.4#

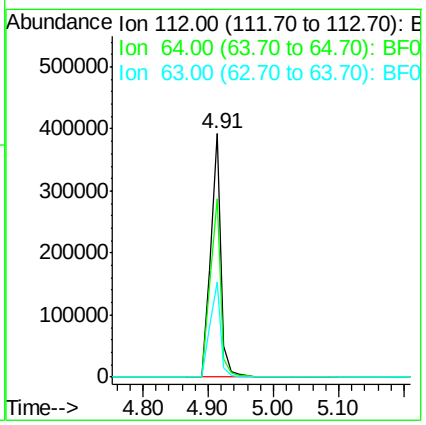


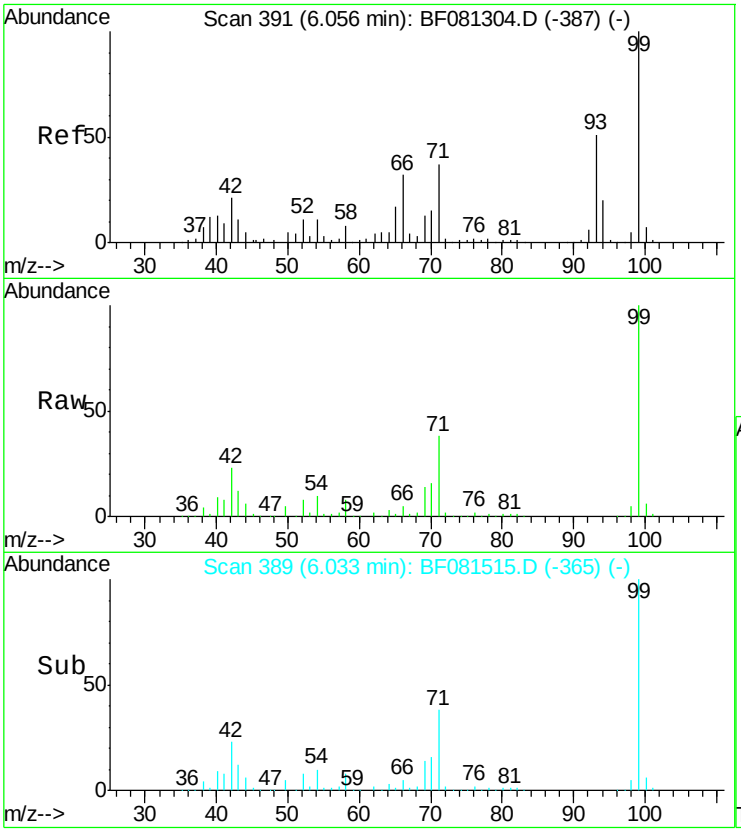


#5
2-Fluorophenol
Concen: 140.06 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:112 Resp: 437873

Ion	Ratio	Lower	Upper
112	100		
64	73.1	39.7	59.5#
63	39.0	17.4	26.0#



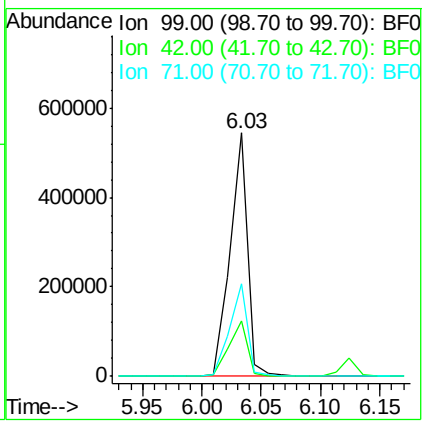


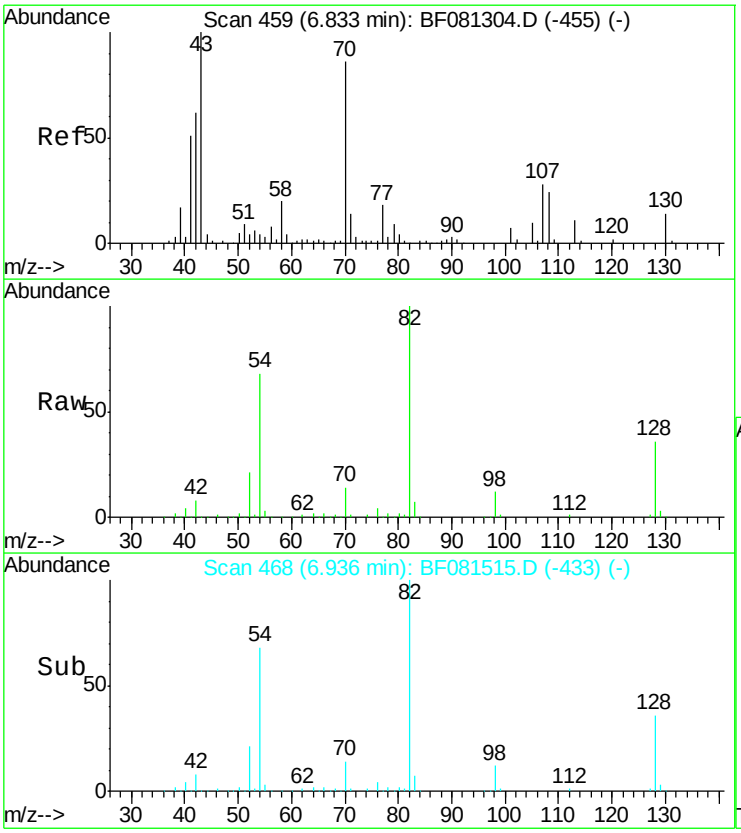
#7
Phenol-d6
Concen: 134.79 ng
RT: 6.03 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion: 99 Resp: 557782

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.7	20.5#
71	38.2	14.2	21.2#

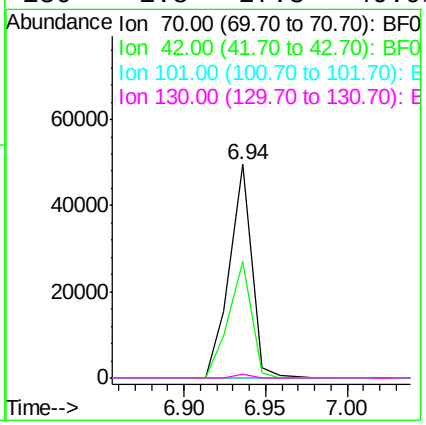


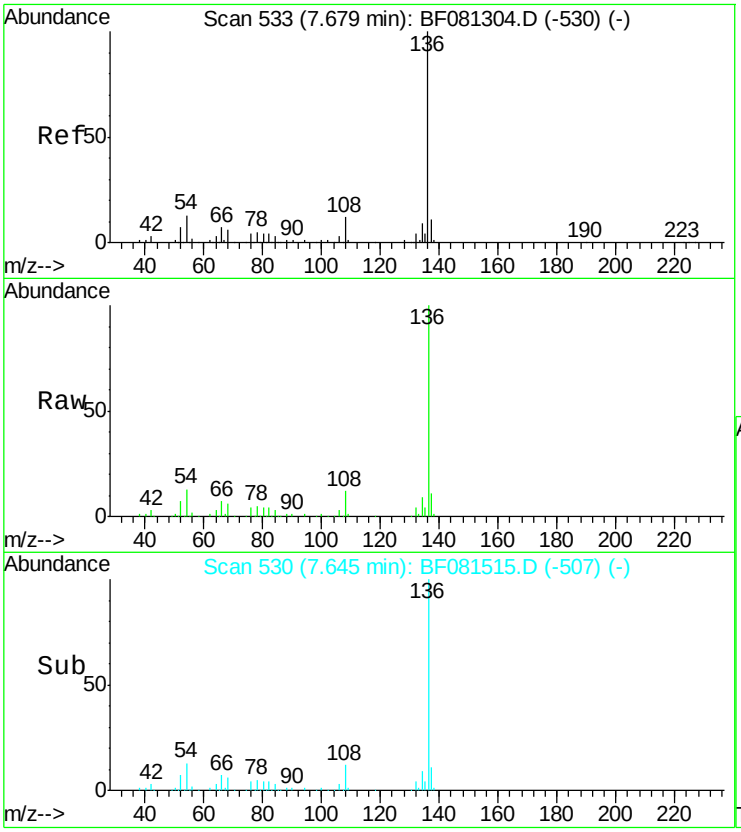


#19
n-Nitroso-di-n-propylamine
Concen: 16.63 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion: 70 Resp: 46824

Ion	Ratio	Lower	Upper
70	100		
42	54.7	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#



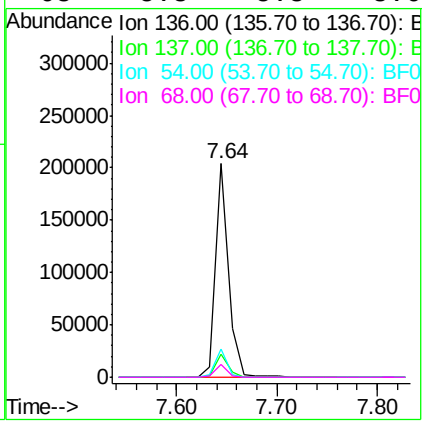


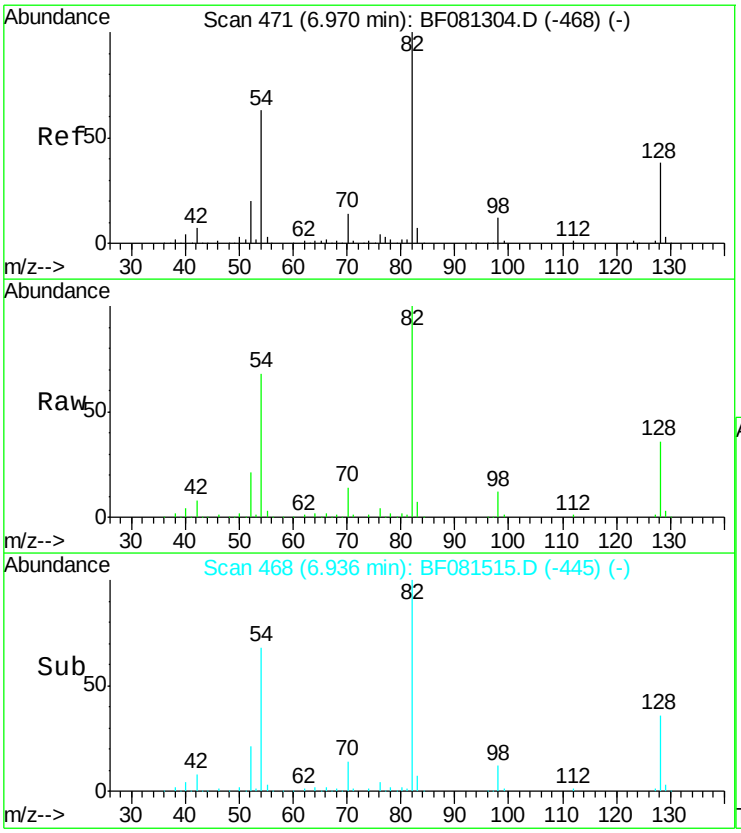
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:136 Resp: 182406

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	12.9	8.2	12.2#
68	5.8	5.8	8.6

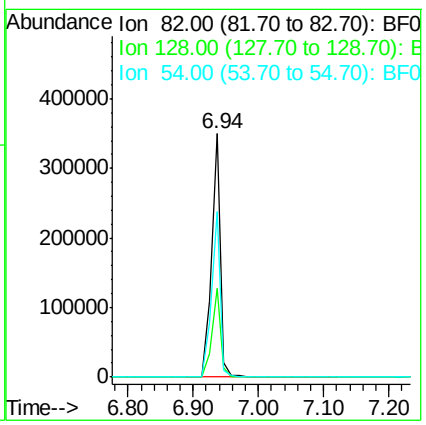


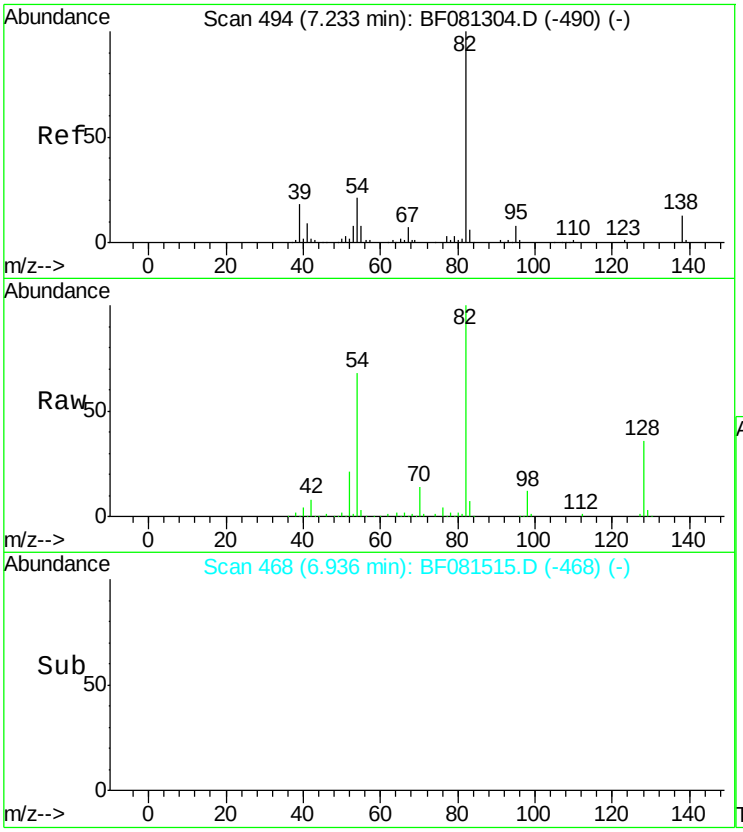


#23
Nitrobenzene-d5
Concen: 89.13 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion: 82 Resp: 336962

Ion	Ratio	Lower	Upper
82	100		
128	36.4	51.0	76.6#
54	67.9	47.5	71.3



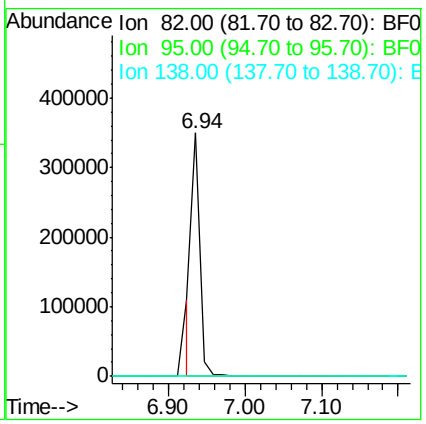


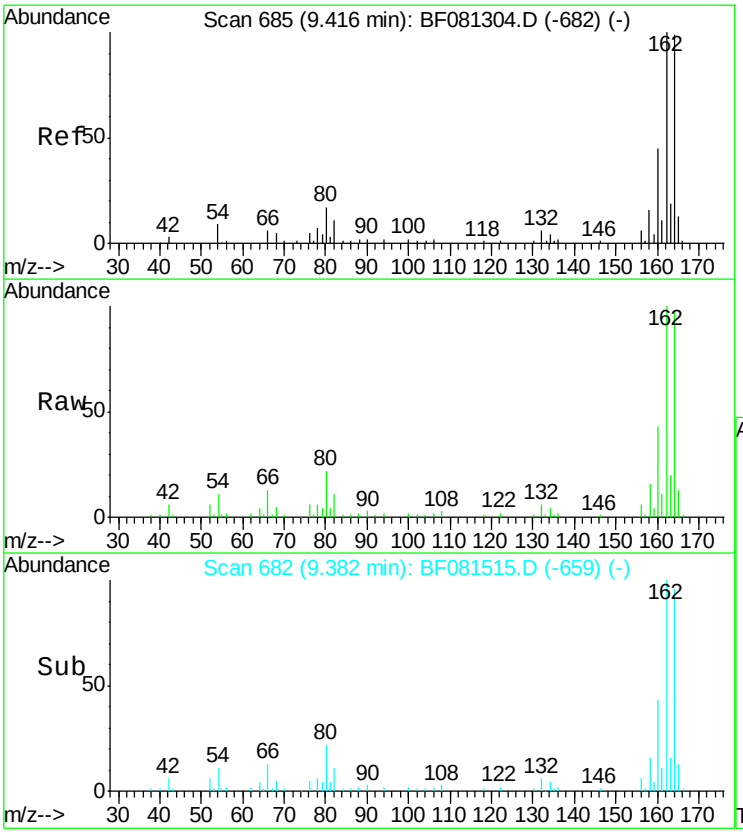
#25
Isophorone
Concen: 37.19 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.30 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion: 82 Resp: 261542

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

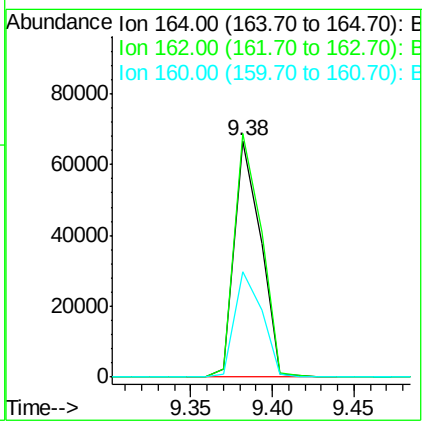


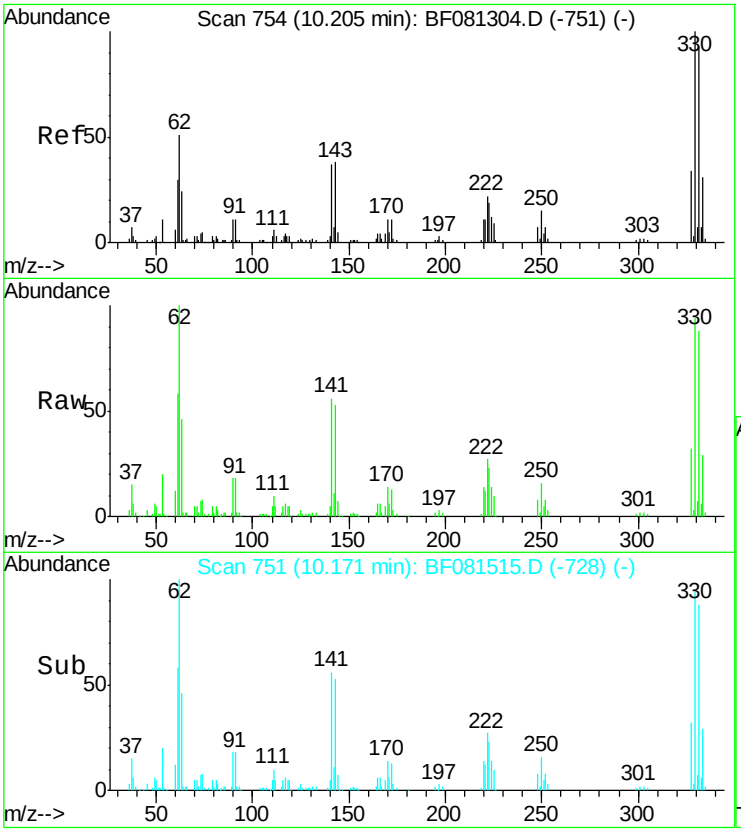


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:164 Resp: 74139

Ion	Ratio	Lower	Upper
164	100		
162	103.1	75.2	112.8
160	44.5	31.5	47.3



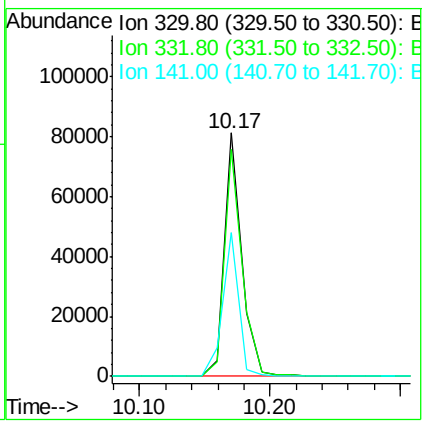


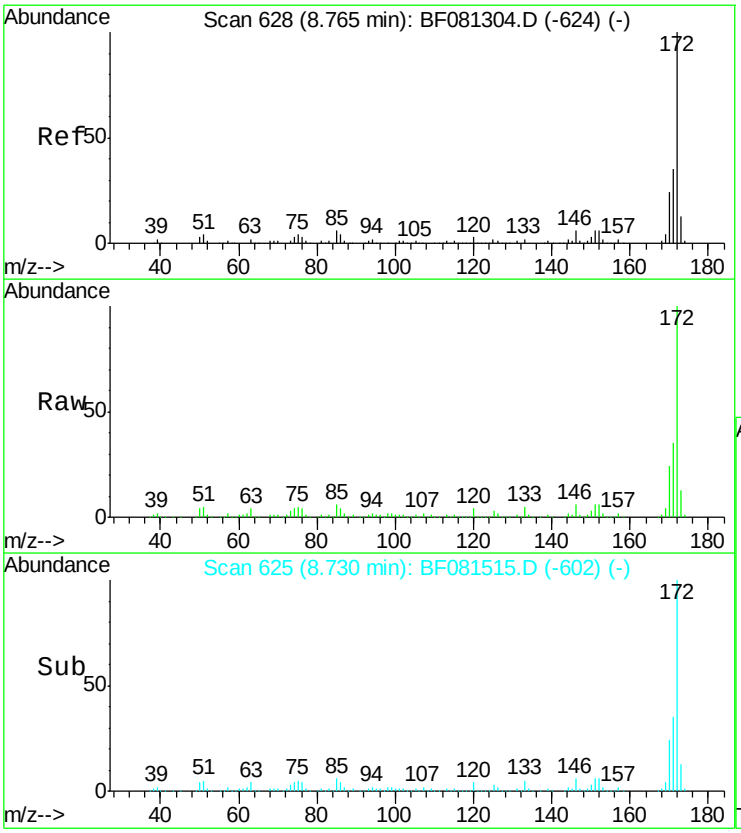
#41
2,4,6-Tribromophenol
Concen: 115.41 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:330 Resp: 76183

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	54.6	29.7	44.5#

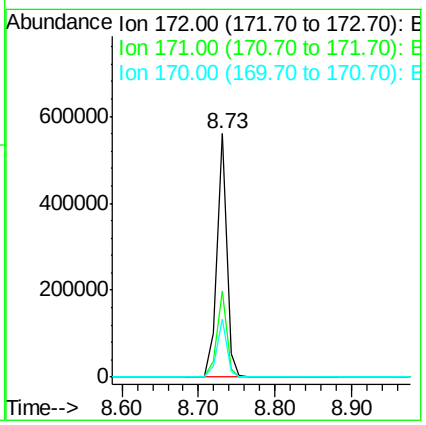


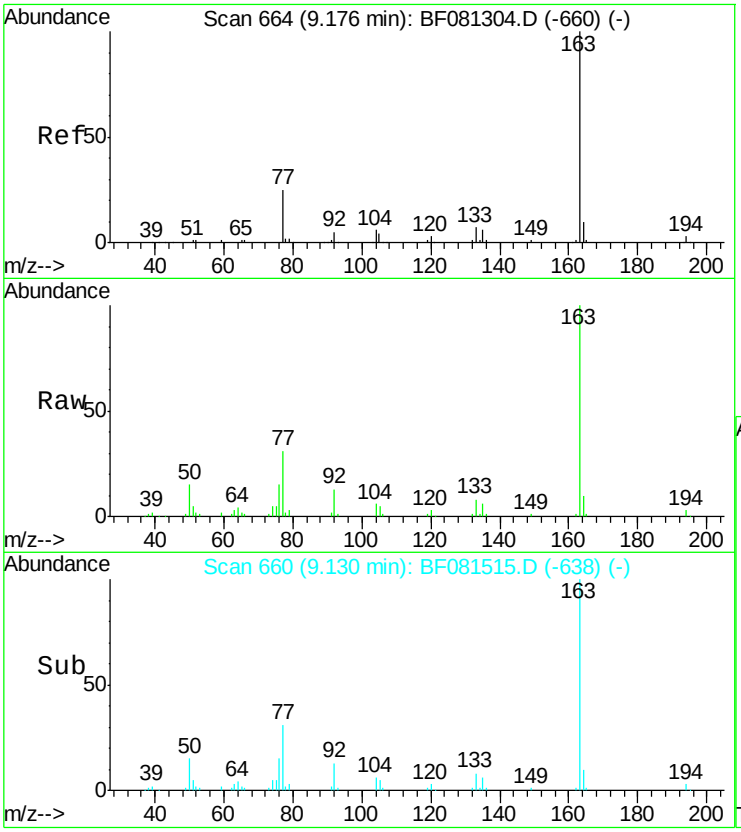


#44
2-Fluorobiphenyl
Concen: 86.24 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:172 Resp: 498906

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.7	17.4	26.2



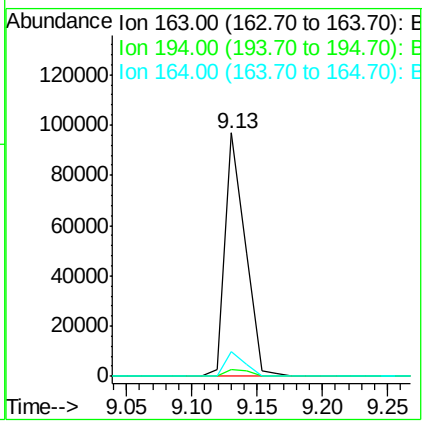


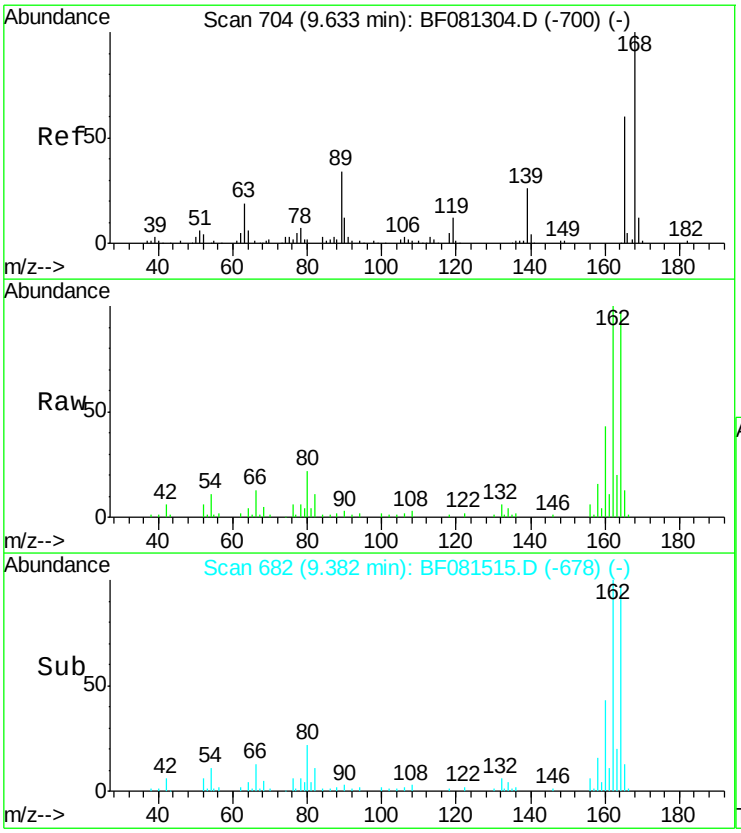
#49
Dimethylphthalate
Concen: 18.20 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:163 Resp: 104864

Ion	Ratio	Lower	Upper
163	100		
194	2.8	4.4	6.6#
164	10.0	8.3	12.5

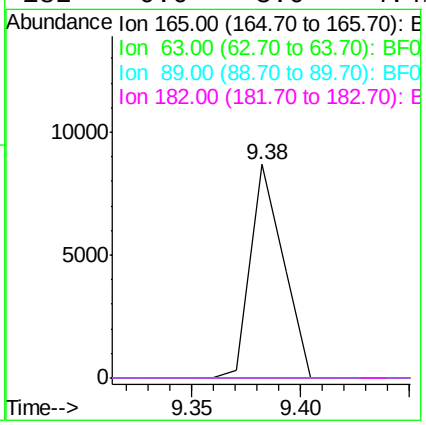


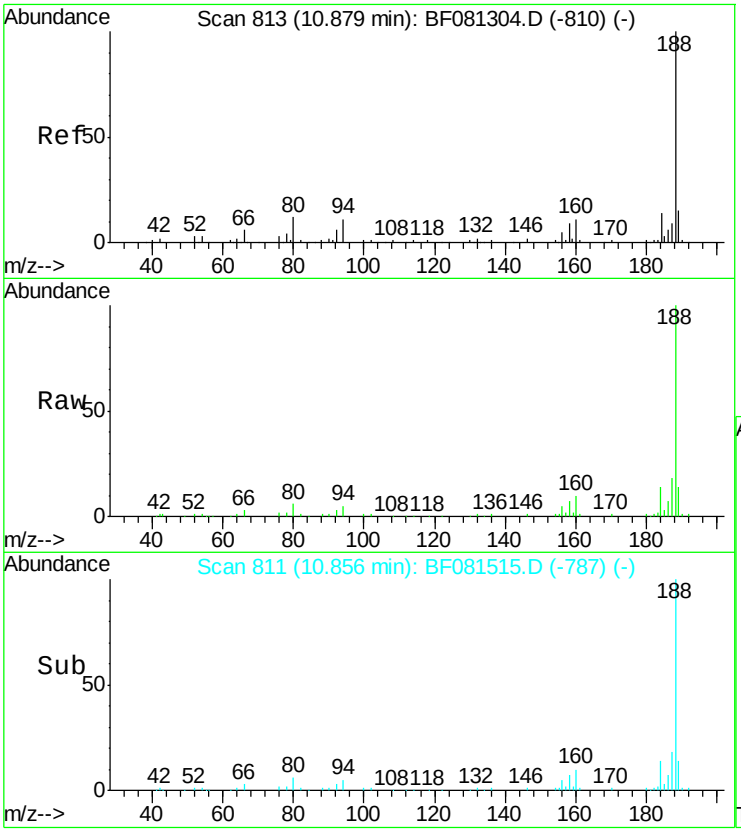


#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:165 Resp: 9145

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#



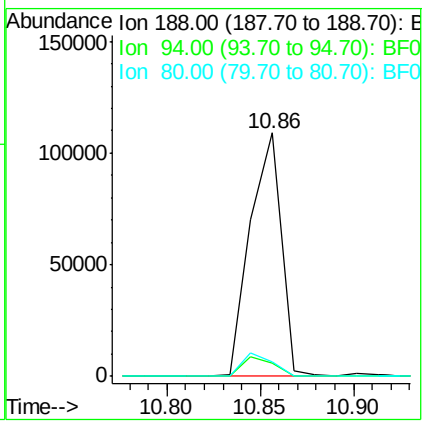


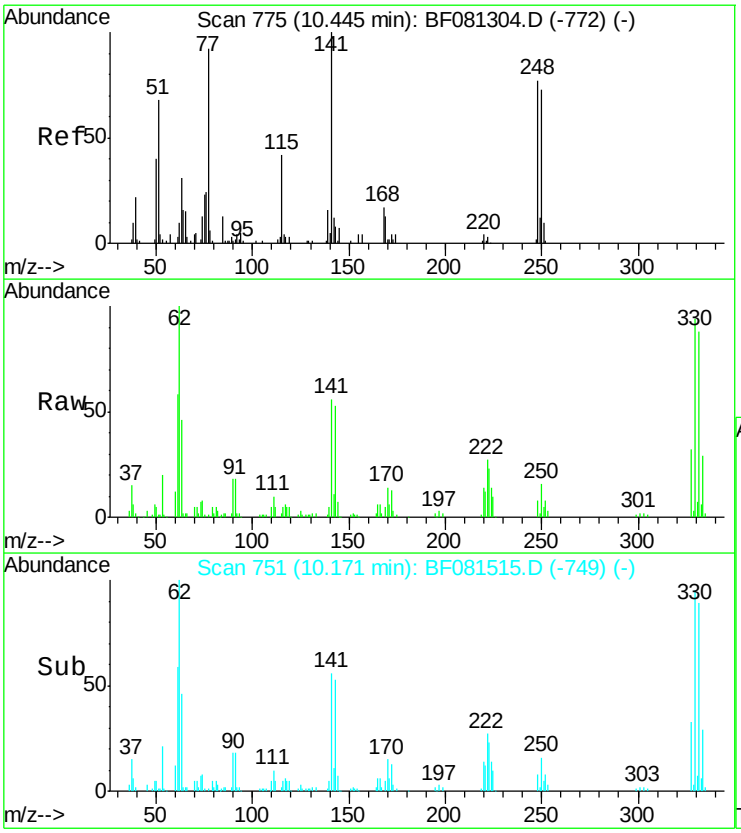
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:188 Resp: 125931

Ion	Ratio	Lower	Upper
188	100		
94	5.3	11.1	16.7#
80	5.9	11.0	16.4#

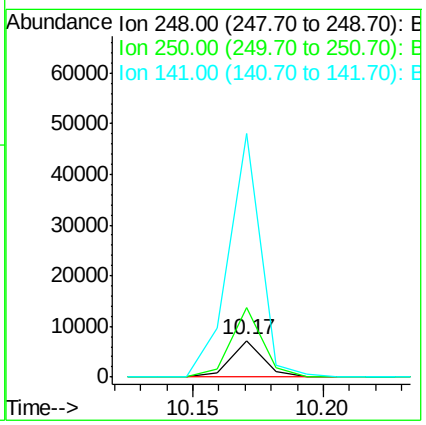


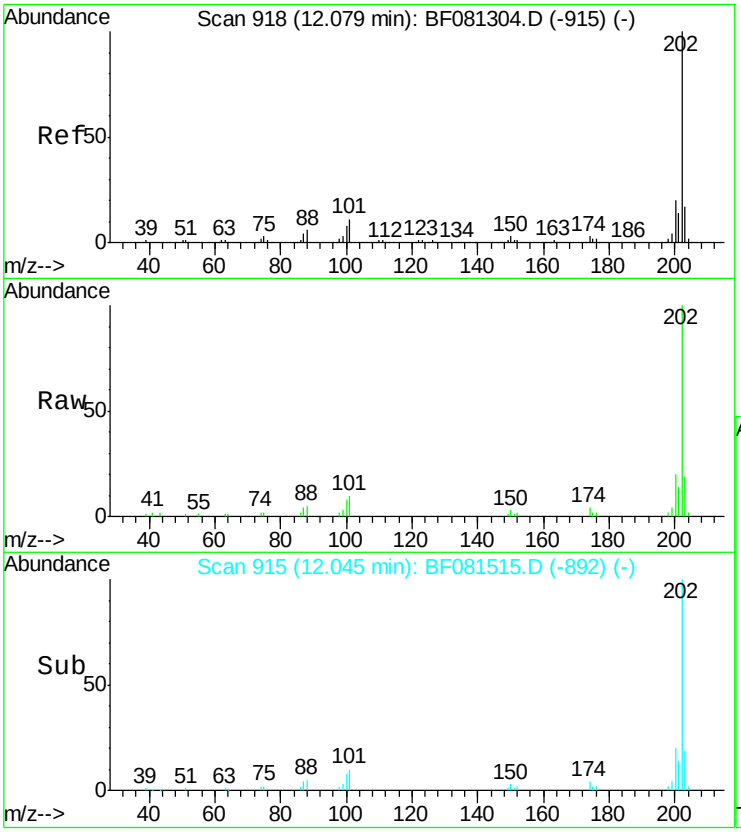


#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:248 Resp: 6187

Ion	Ratio	Lower	Upper
248	100		
250	191.0	78.5	117.7#
141	670.5	59.0	88.6#



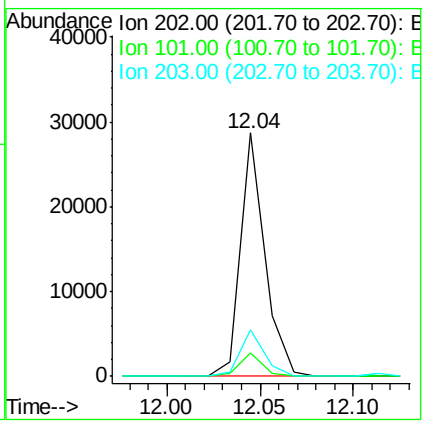


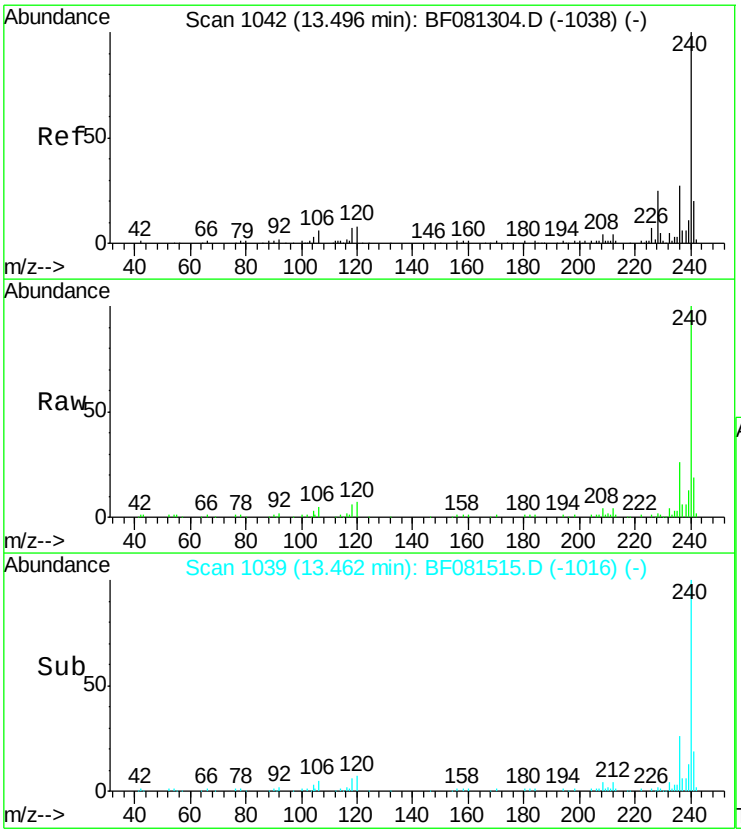
#74
Fluoranthene
Concen: 3.44 ng
RT: 12.04 min Scan# 915
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:202 Resp: 26077

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	38.3
203	19.0	0.0	37.3

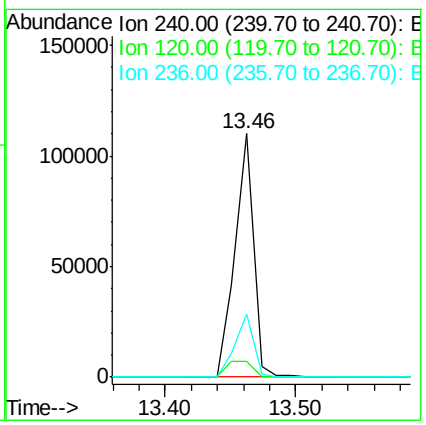


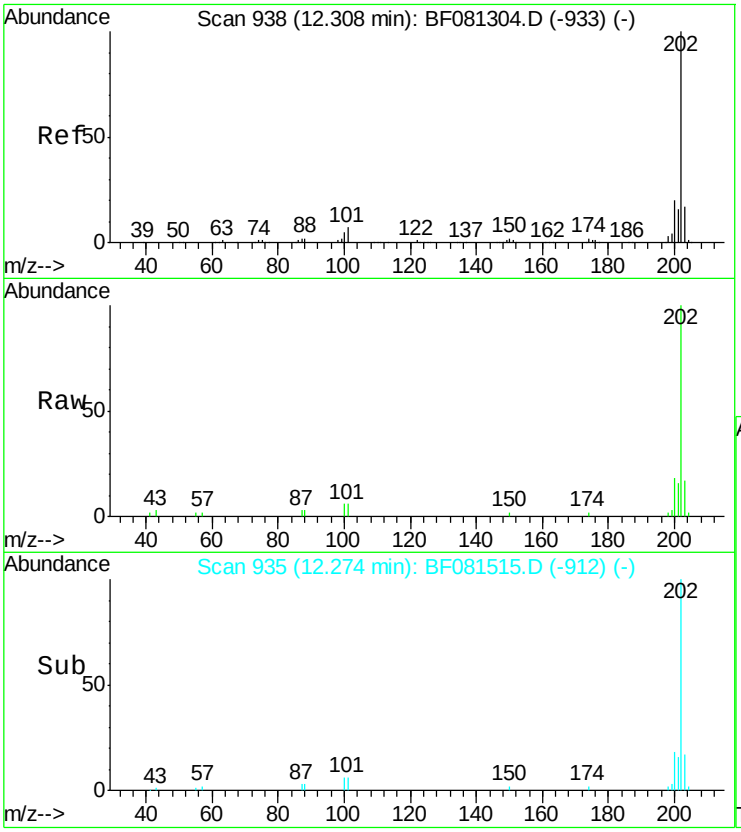


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:240 Resp: 108787

Ion	Ratio	Lower	Upper
240	100		
120	6.5	16.2	24.2#
236	26.1	18.4	27.6



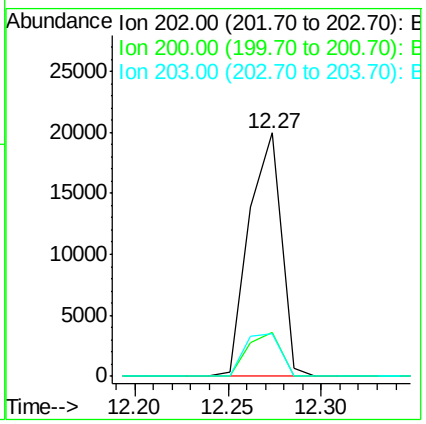


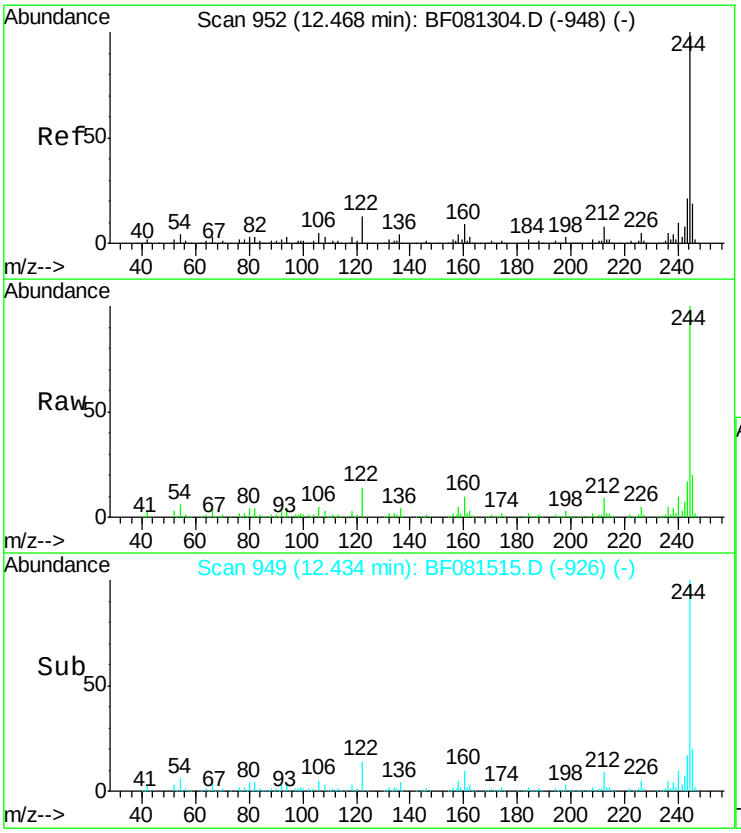
#77
Pyrene
Concen: 2.97 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:202 Resp: 23907

Ion	Ratio	Lower	Upper
202	100		
200	17.9	15.0	22.4
203	17.4	14.1	21.1

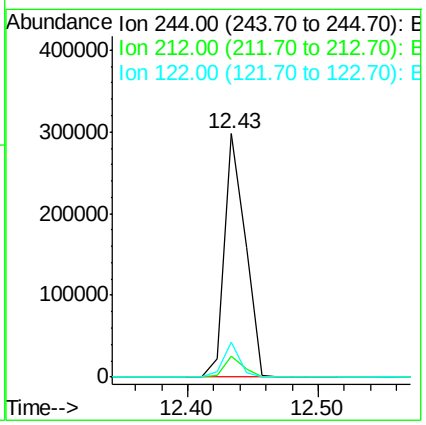


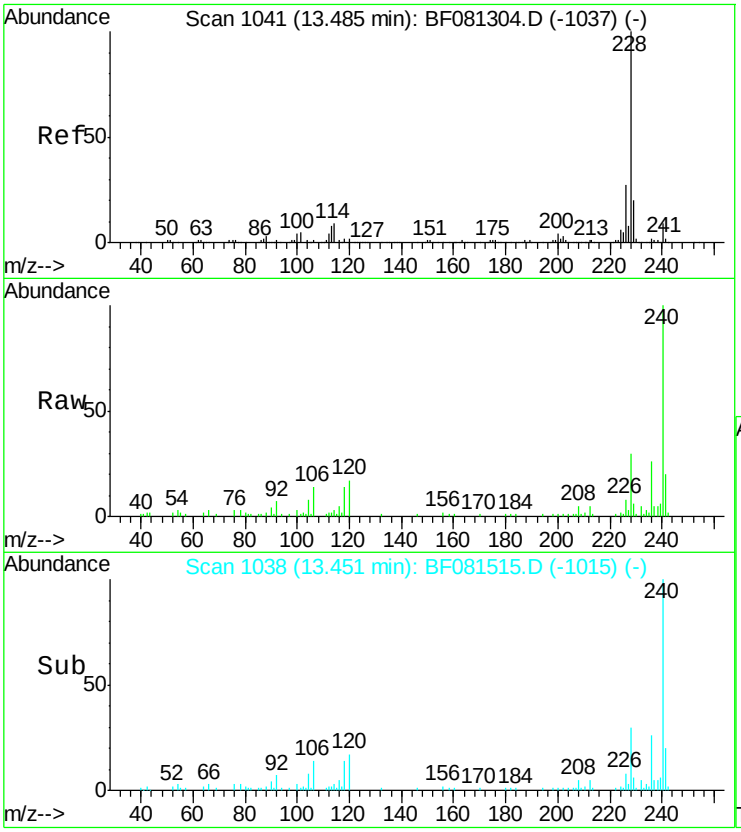


#78
Terphenyl-d14
Concen: 70.85 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:244 Resp: 331098

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.3	6.5#
122	14.3	17.4	26.2#



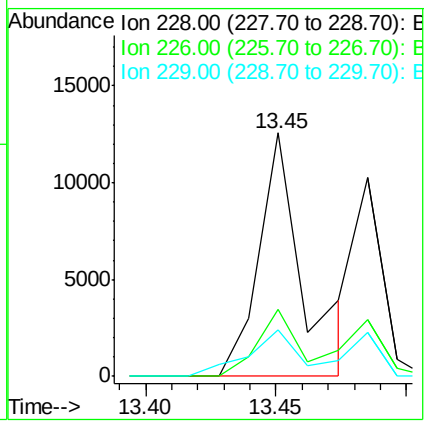


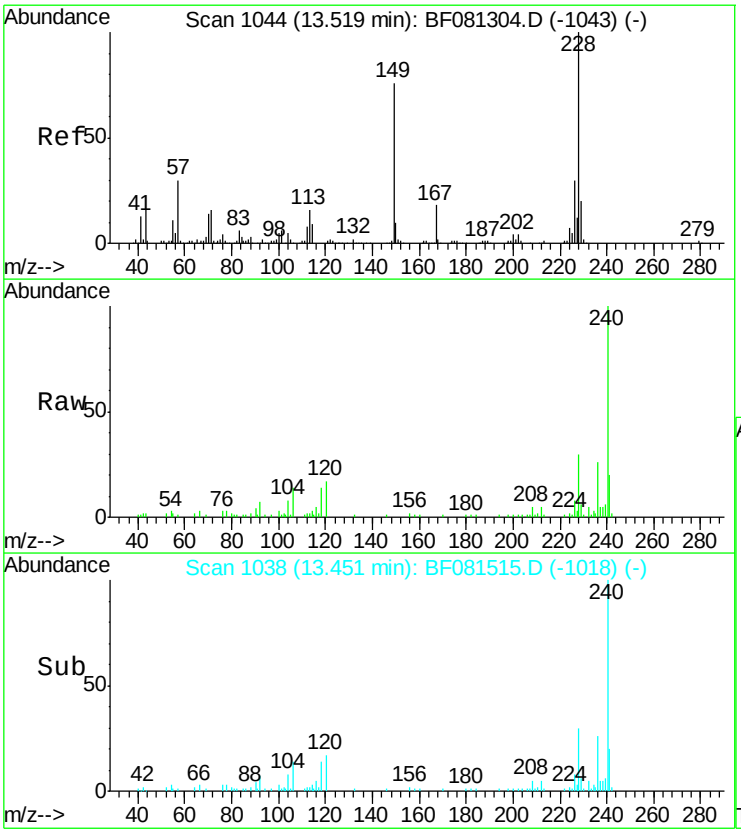
#80
Benzo(a)anthracene
Concen: 2.15 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:228 Resp: 14911

Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.0	30.0
229	19.3	15.4	23.2

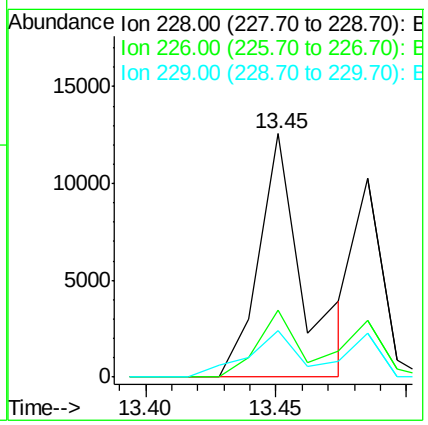


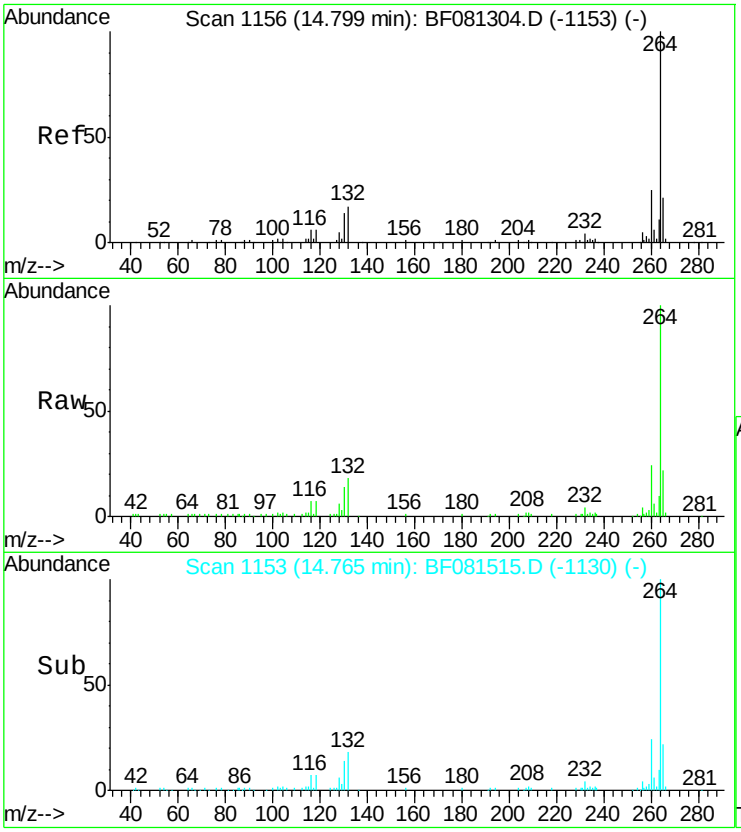


#82
Chrysene
Concen: 2.40 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.07 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:228 Resp: 14911

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.4
229	19.3	15.6	23.4



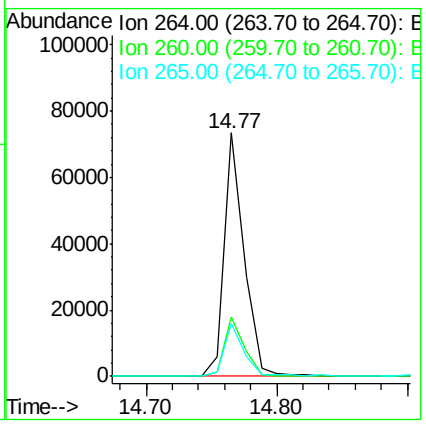


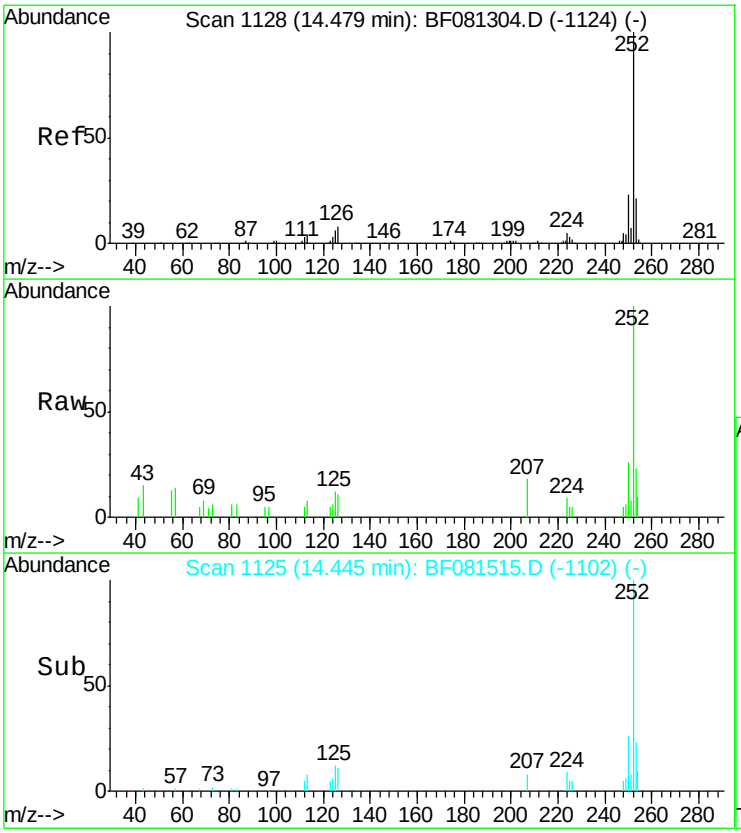
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:264 Resp: 77707

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.9	17.2	25.8

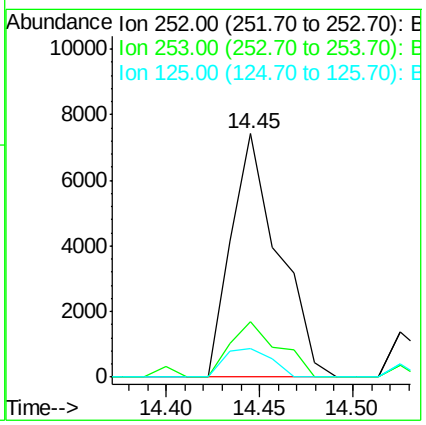


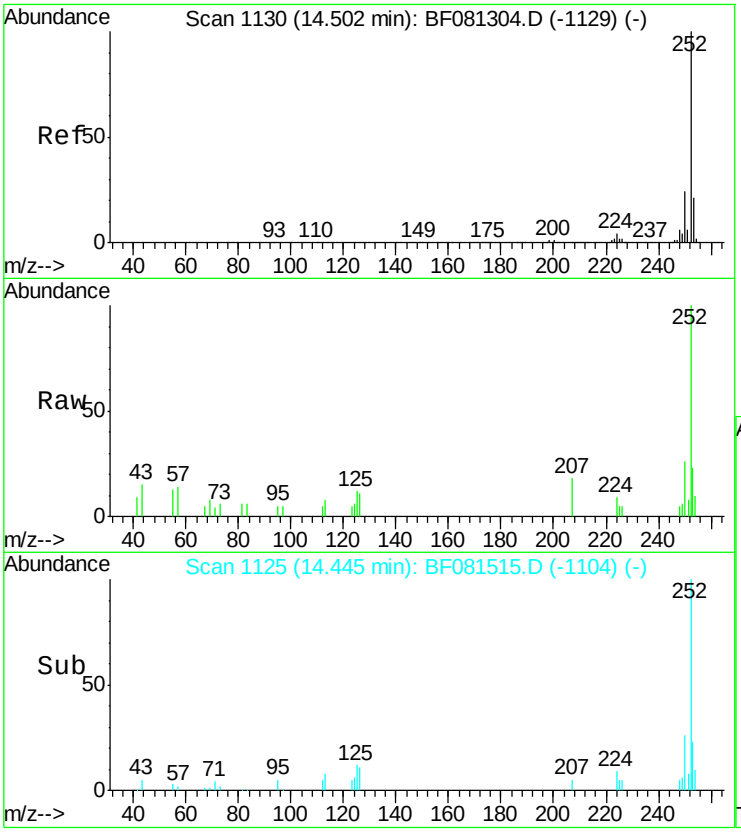


#87
Benzo(b)fluoranthene
Concen: 2.37 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Tgt Ion:252 Resp: 13127

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.5	17.1	25.7#





#88
Benzo(k)fluoranthene
Concen: 2.85 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF081515.D
Acq: 6 Sep 2015 17:53

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion:252 Resp: 13127

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	11.5	16.0	24.0#