Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081148.D
Acq On : 21 Aug 2015 16:37
Operator : UM/IZ
Sample : G3319-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-3(12-25FTBGS)

Quant Time: Aug 21 17:01:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	56374	20.00	ng		-0.03
21) Naphthalene-d8	7.84	136	243339	20.00	ng		-0.03
38) Acenaphthene-d10	9.58	164	107976	20.00	ng		-0.05
63) Phenanthrene-d10	11.05	188	230662	20.00	ng		-0.03
75) Chrysene-d12	13.66	240	185957	20.00	ng		-0.05
86) Perylene-d12	15.00	264	150824	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	541585	144.50	ng		-0.01
7) Phenol-d6	6.21	99	676915	138.42	ng		-0.02
23) Nitrobenzene-d5	7.12	82	421031	79.04	ng		-0.05
41) 2,4,6-Tribromophenol	10.37	330	127594	136.32	ng		-0.03
44) 2-Fluorobiphenyl	8.92	172	465474	56.48	ng		-0.05
78) Terphenyl-d14	12.64	244	437118	50.39	ng		-0.03
Target Compounds							Qvalue
15) Benzyl Alcohol	6.71	79	8544	2.16	ng	#	60
19) n-Nitroso-di-n-propylamine	7.12	70	55746	16.46	ng	#	70
49) Dimethylphthalate	9.32	163	87919	9.89	ng		100
56) 2,4-Dinitrotoluene	9.58	165	13865	5.48	ng	#	17
66) 4-Bromophenyl-phenylether	10.37	248	10307	4.55	ng	#	1
70) Phenanthrene	11.08	178	140523	10.28	ng		98
71) Anthracene	11.12	178	40241	3.03	ng		98
74) Fluoranthene	12.27	202	236832	16.06	ng		98
77) Pyrene	12.27	202	236832	15.67	ng		98
80) Benzo(a)anthracene	13.66	228	94599	7.59	ng		99
82) Chrysene	13.66	228	94599	8.42	ng		98
85) Indeno(1,2,3-cd)pyrene	16.16	276	29489	3.74	ng	#	89
87) Benzo(b)fluoranthene	14.64	252	109201	10.24	ng	#	95
88) Benzo(k)fluoranthene	14.64	252	109201	10.99	ng		98
89) Benzo(a)pyrene	14.94	252	61831	6.65	ng	#	94

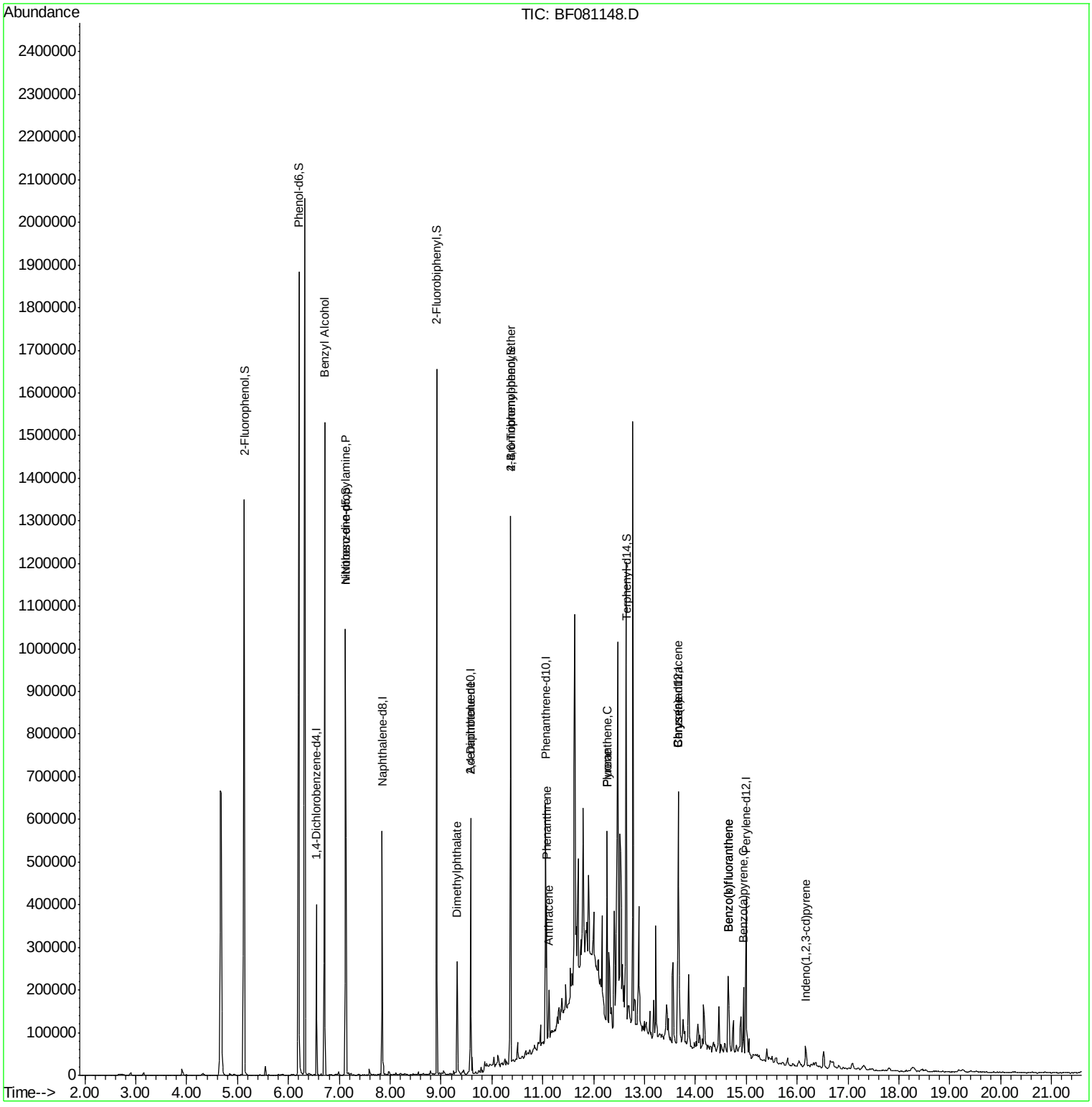
(#) = qualifier out of range (m) = manual integration (+) = signals summed

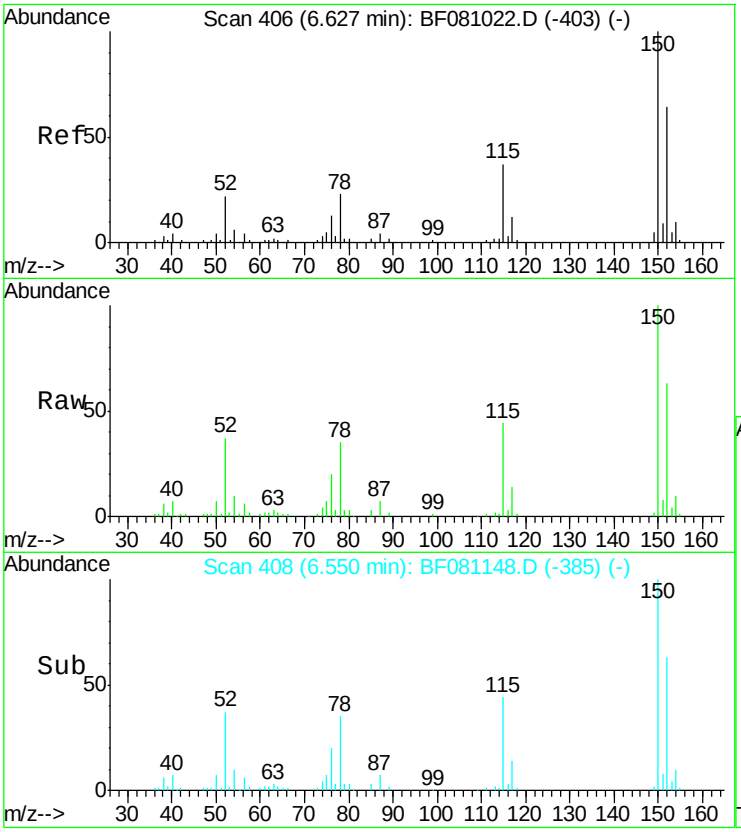
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081148.D
Acq On : 21 Aug 2015 16:37
Operator : UM/IZ
Sample : G3319-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Quant Time: Aug 21 17:01:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration



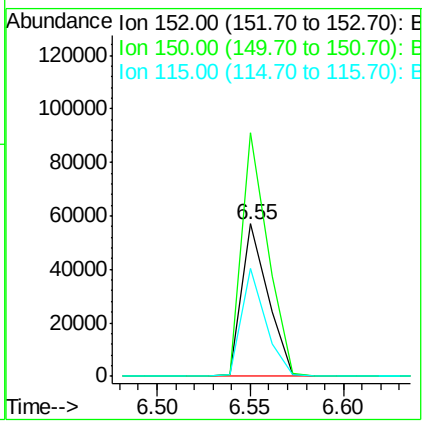


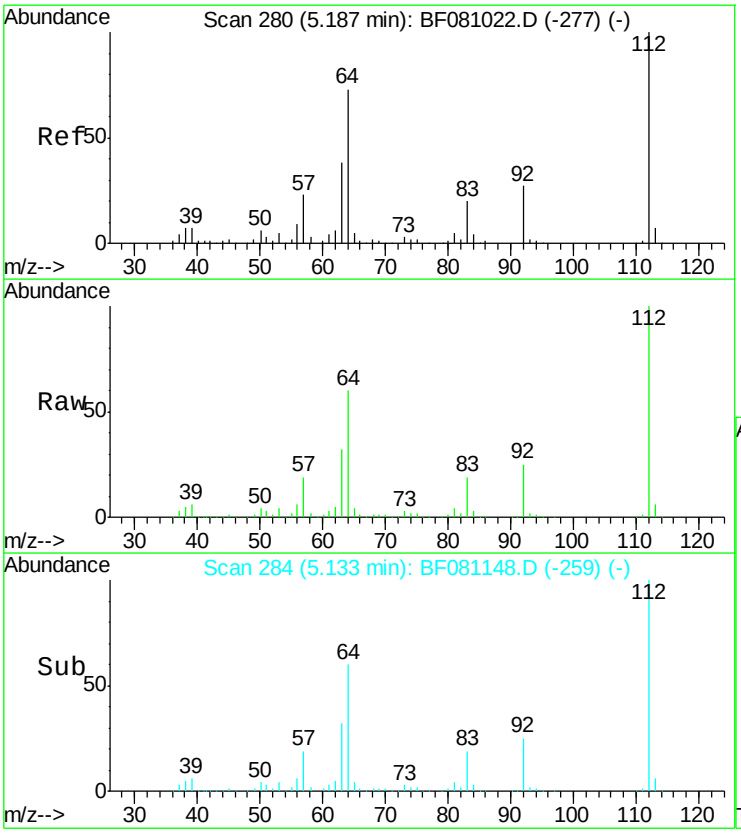
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:152 Resp: 56374

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.8	185.6
115	70.8	52.1	78.1

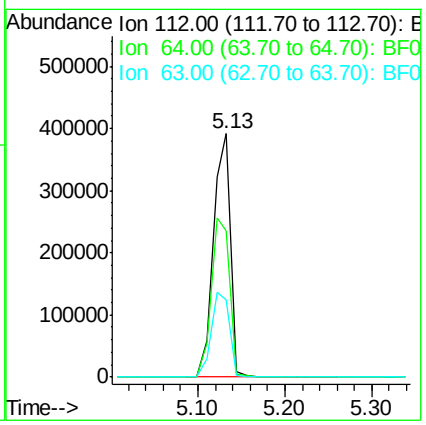


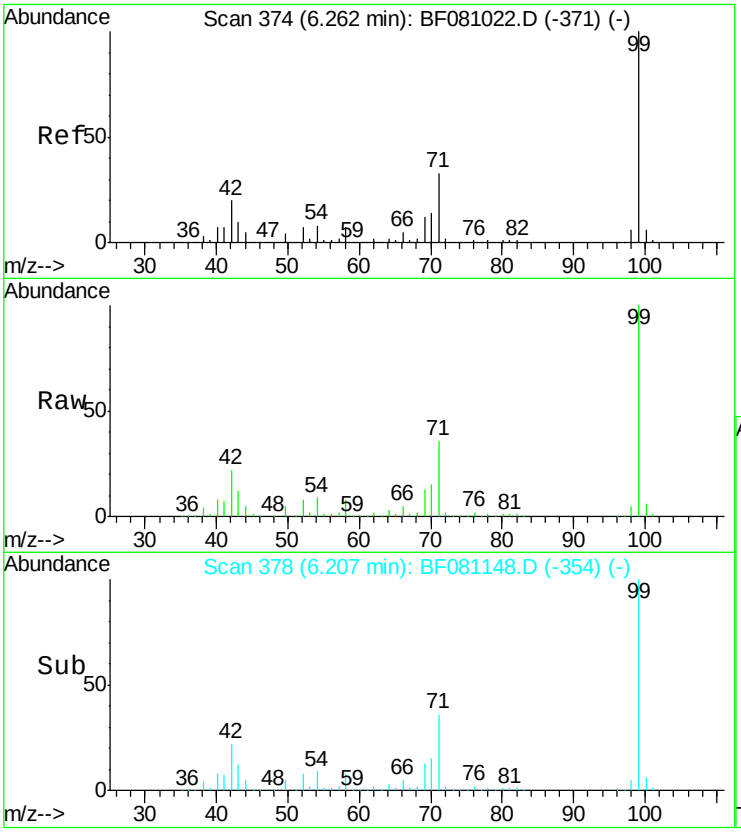


#5
2-Fluorophenol
Concen: 144.50 ng
RT: 5.13 min Scan# 284
Delta R.T. -0.01 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:112 Resp: 541585

Ion	Ratio	Lower	Upper
112	100		
64	60.1	66.9	100.3#
63	31.6	38.1	57.1#



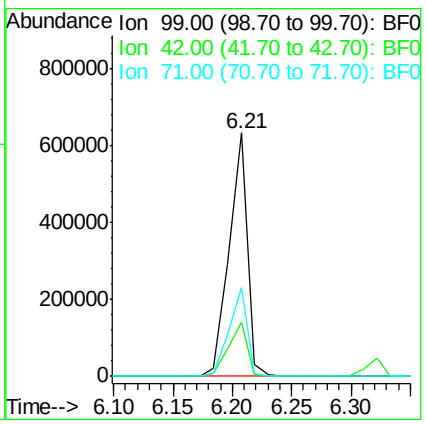


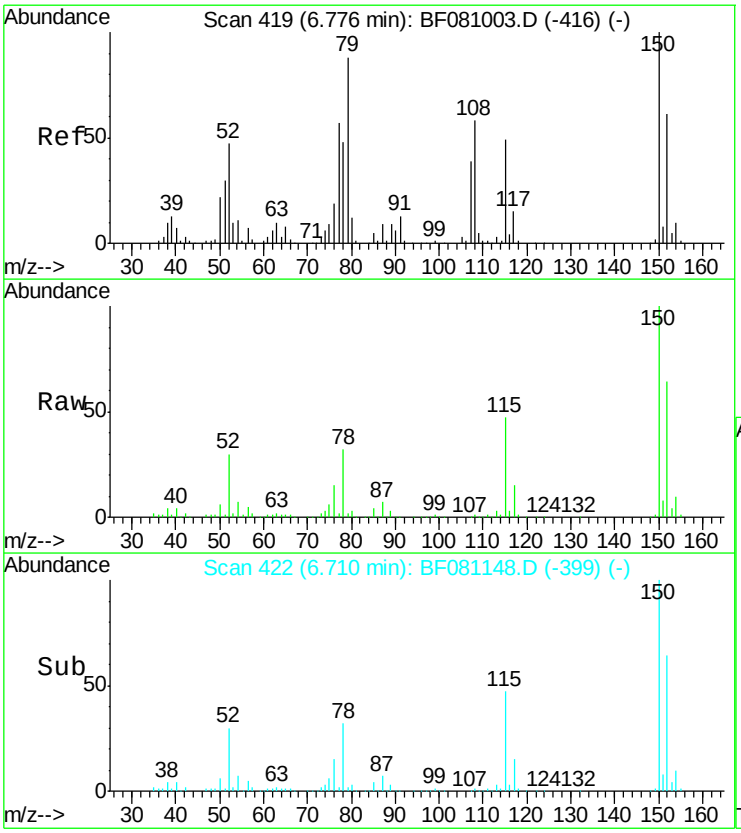
#7
Phenol-d6
Concen: 138.42 ng
RT: 6.21 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion: 99 Resp: 676915

Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.6	29.4
71	36.3	31.2	46.8

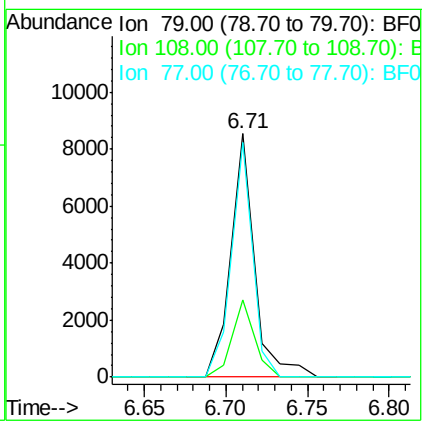


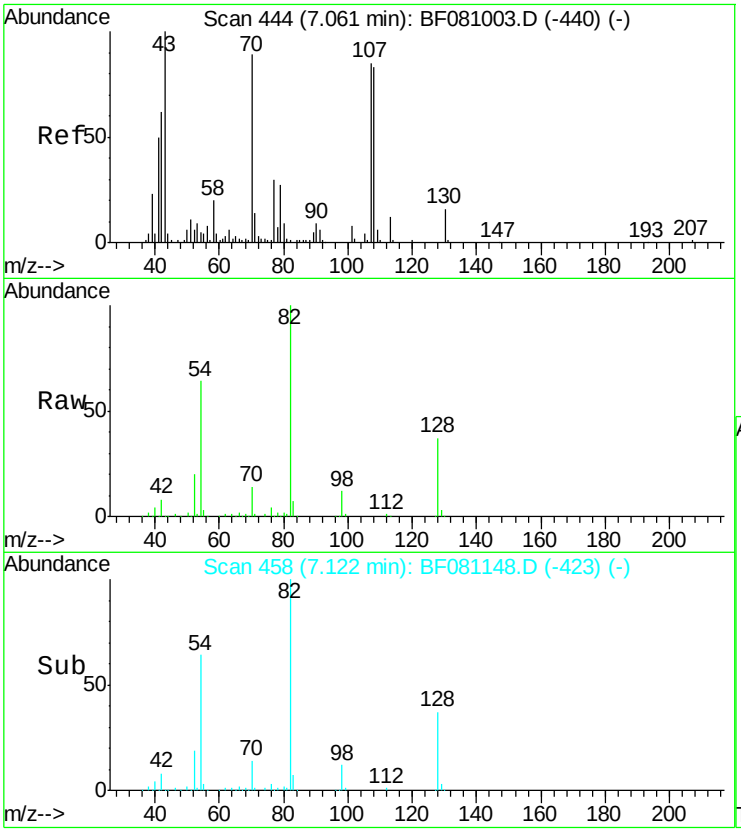


#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.03 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion: 79 Resp: 8544

Ion	Ratio	Lower	Upper
79	100		
108	31.7	49.4	74.2#
77	96.3	51.4	77.0#



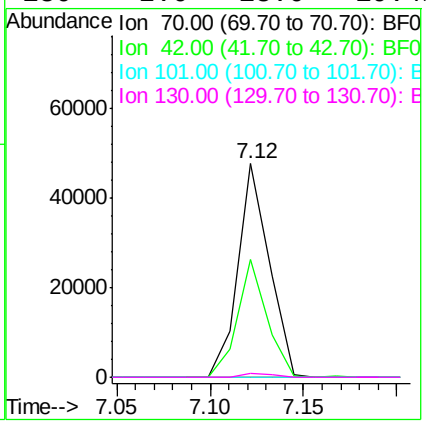


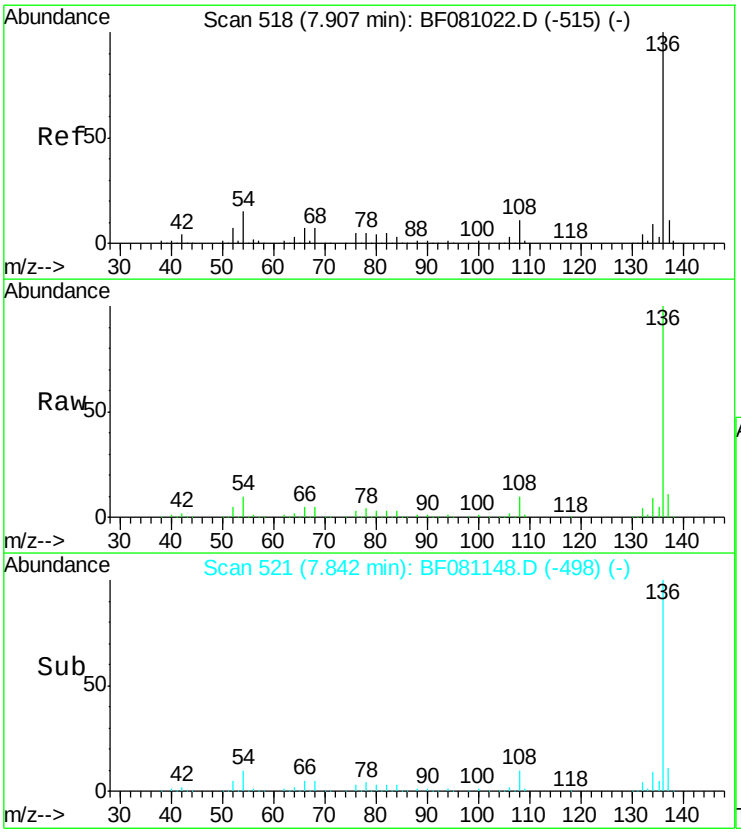
#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.12 min Scan# 458
Delta R.T. 0.10 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion: 70 Resp: 55746

Ion	Ratio	Lower	Upper
70	100		
42	54.9	65.0	97.4#
101	0.0	7.4	11.2#
130	2.0	13.0	19.4#

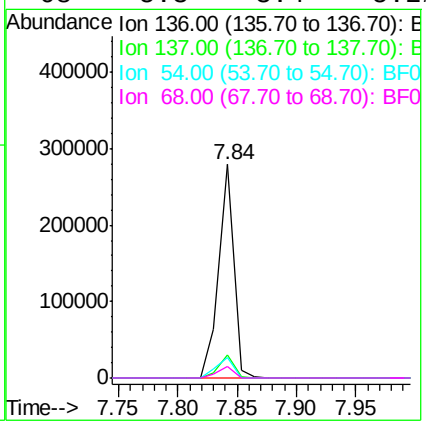


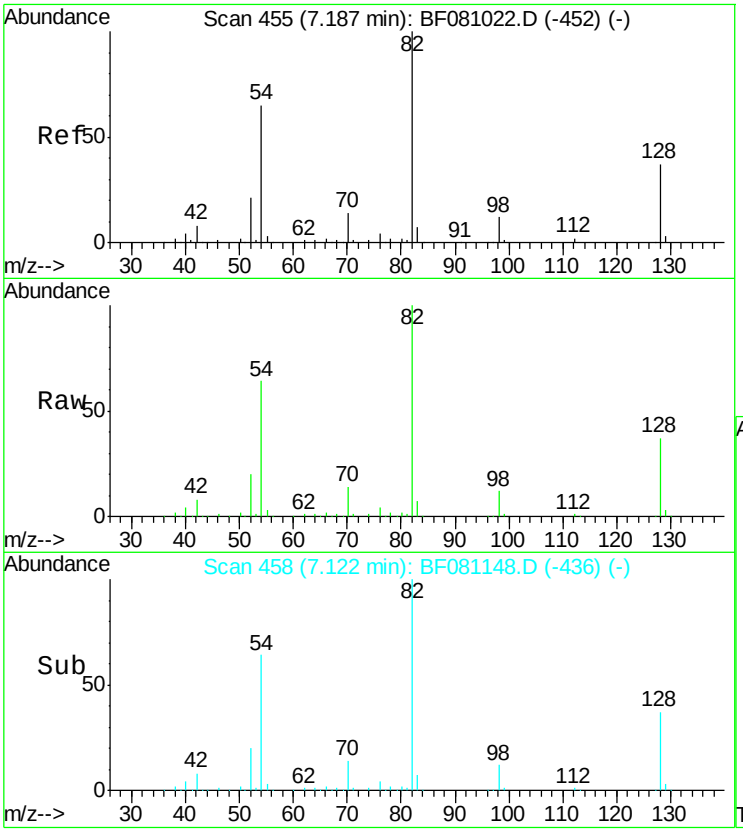


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:136 Resp: 243339

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	9.9	7.7	11.5
68	5.3	3.4	5.2#



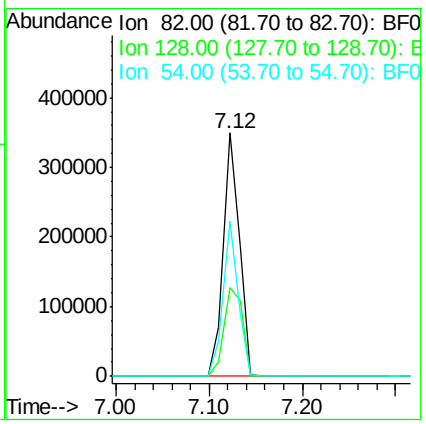


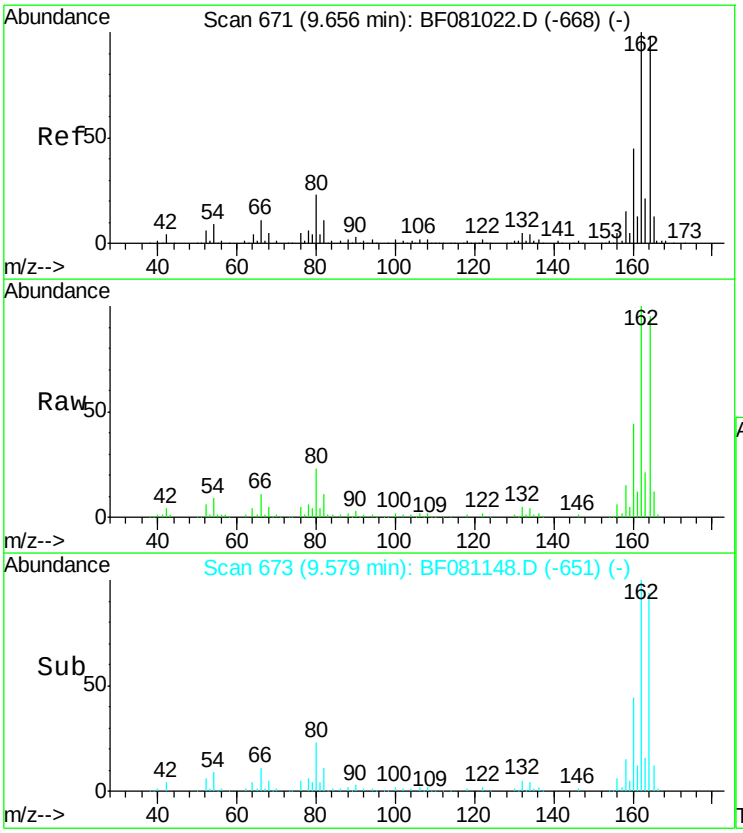
#23
Nitrobenzene-d5
Concen: 79.04 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion: 82 Resp: 421031

Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.6	42.8
54	63.9	55.1	82.7

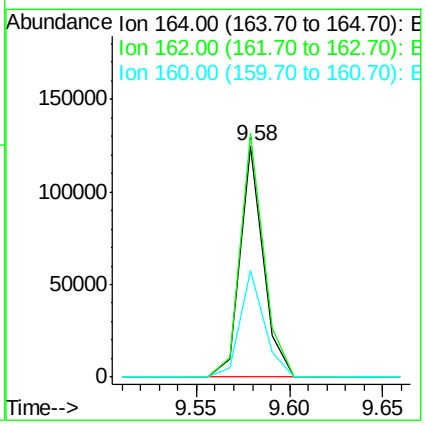


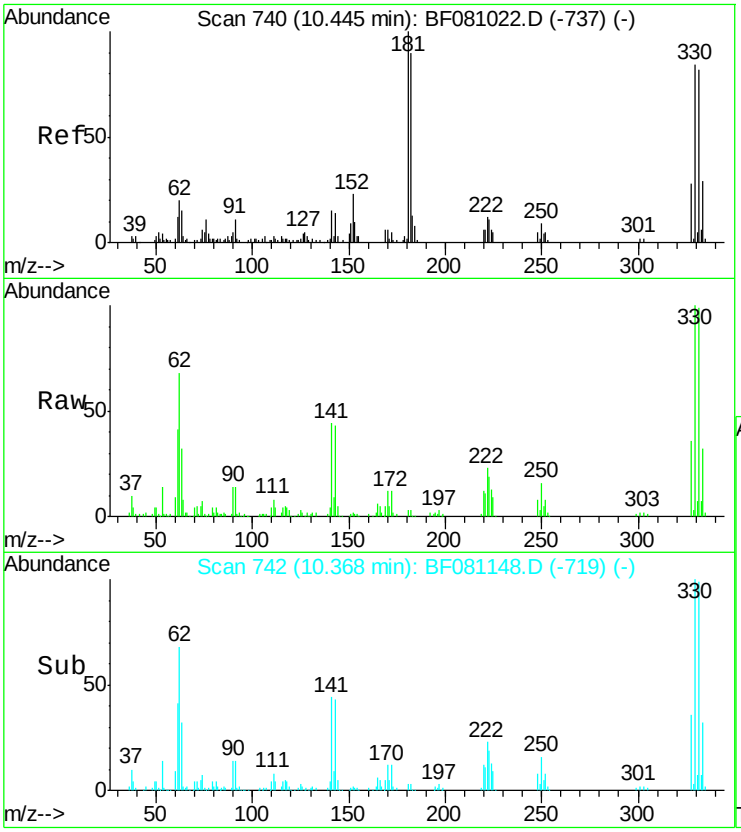


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:164 Resp: 107976

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.8	125.8
160	46.2	39.8	59.8



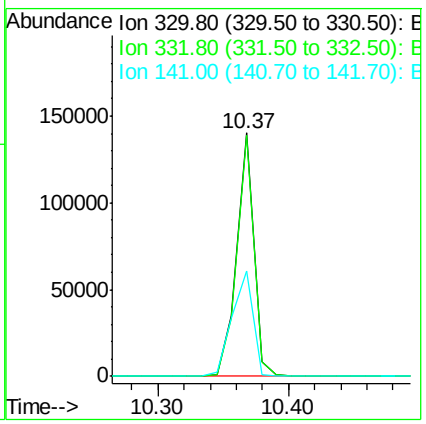


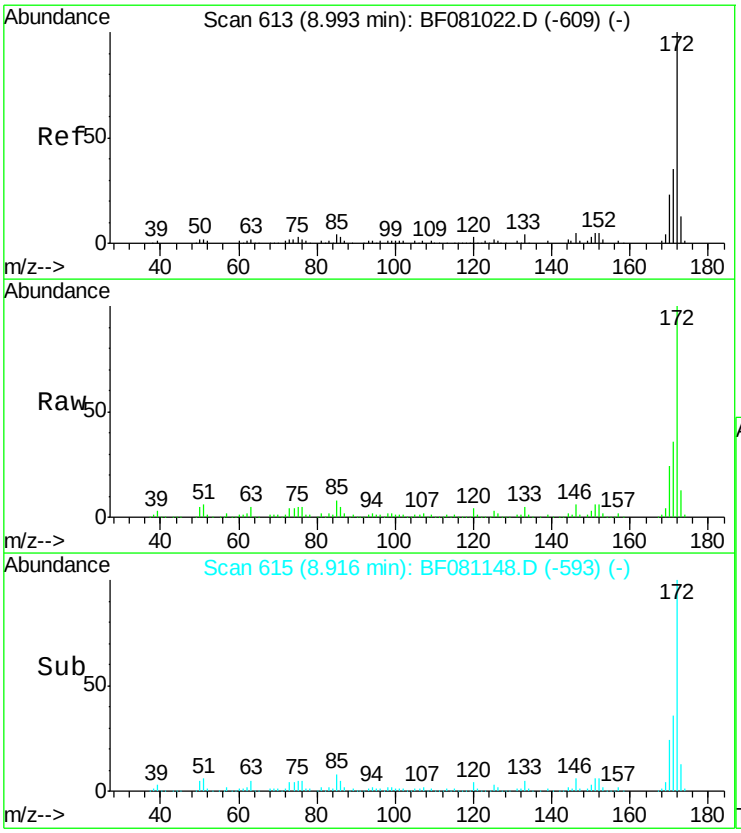
#41
2,4,6-Tribromophenol
Concen: 136.32 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:330 Resp: 127594

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	53.2	44.9	67.3

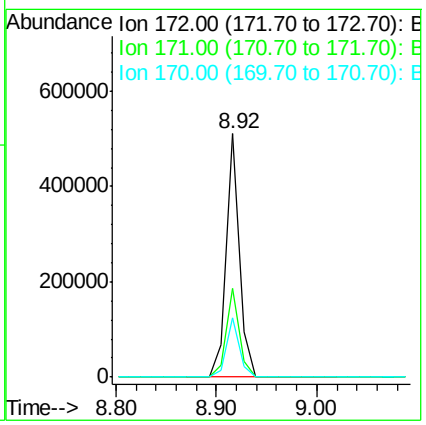


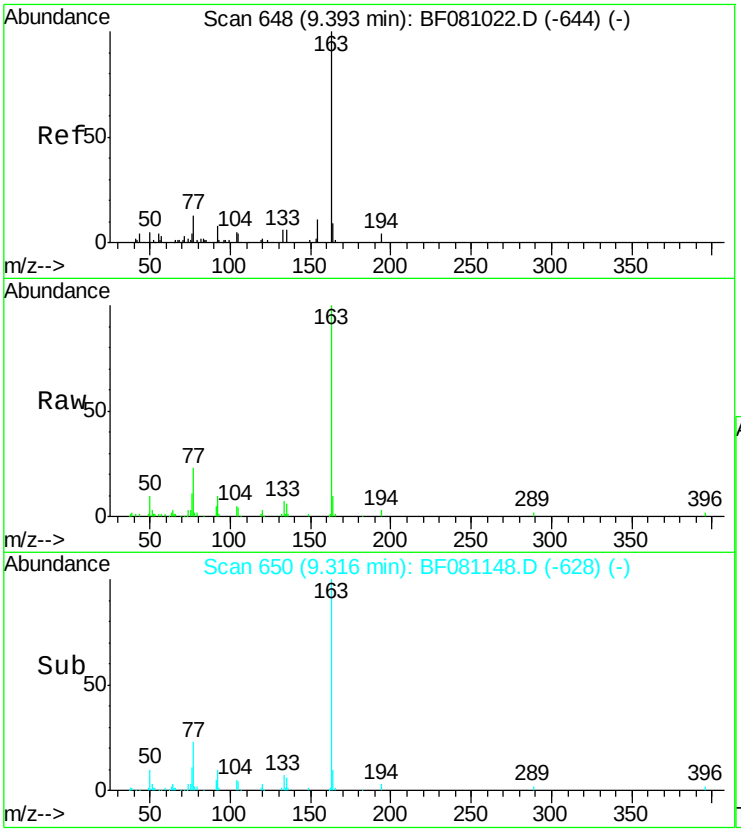


#44
2-Fluorobiphenyl
Concen: 56.48 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:172 Resp: 465474

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2



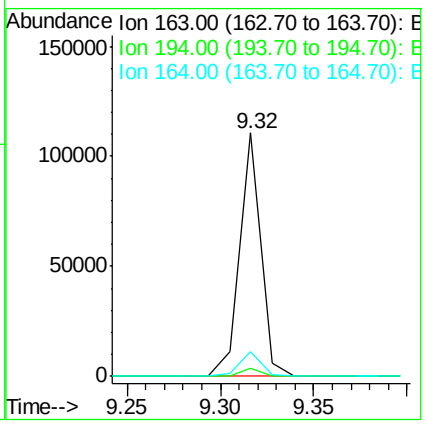


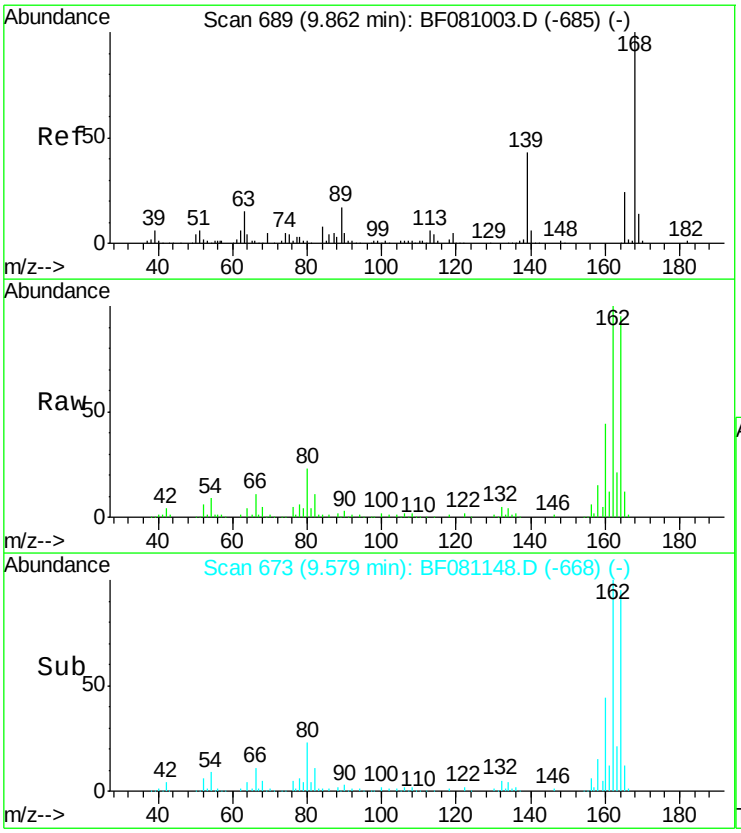
#49
Dimethylphthalate
Concen: 9.89 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:163 Resp: 87919

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.5	3.7
164	10.3	8.1	12.1

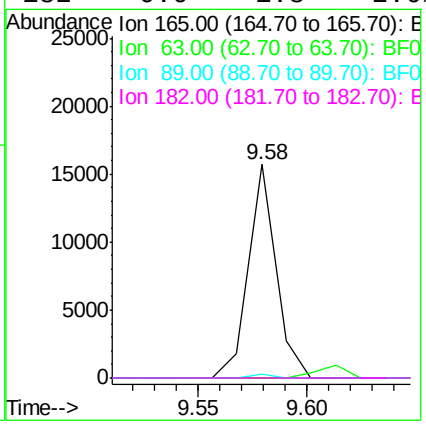


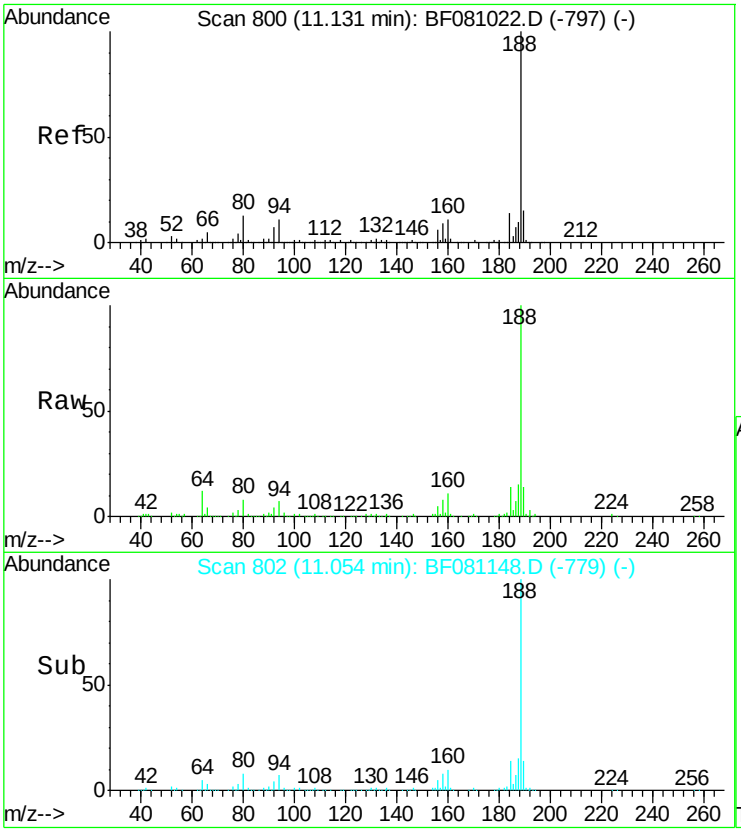


#56
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.24 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:165 Resp: 13865

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	1.9	60.1	90.1#
182	0.0	1.8	2.6#



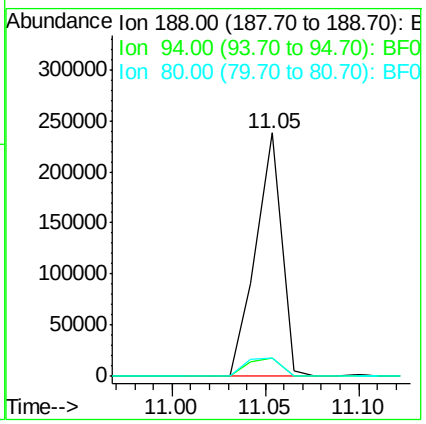


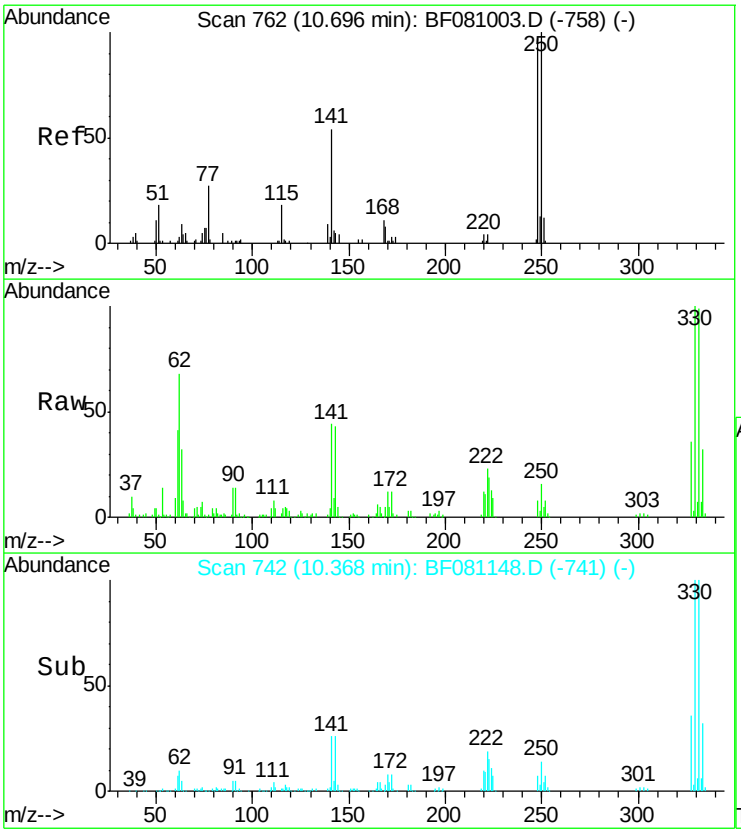
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:188 Resp: 230662

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	7.6	9.5	14.3#

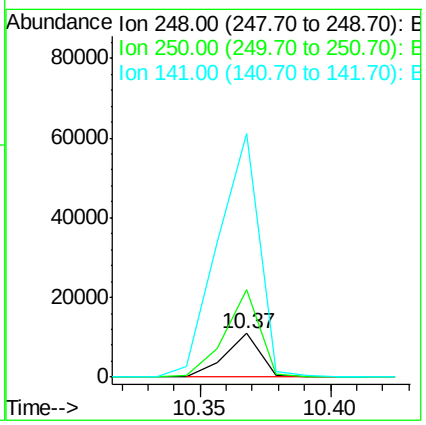


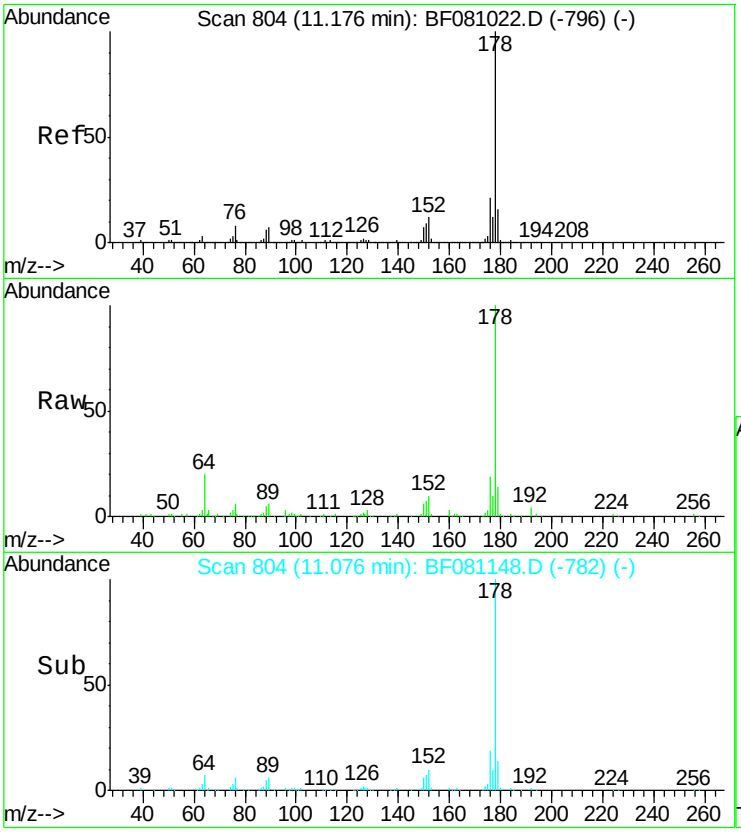


#66
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:248 Resp: 10307

Ion	Ratio	Lower	Upper
248	100		
250	200.4	77.8	116.6#
141	559.2	39.8	59.6#



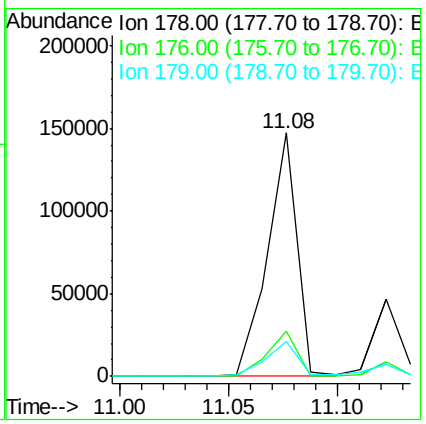


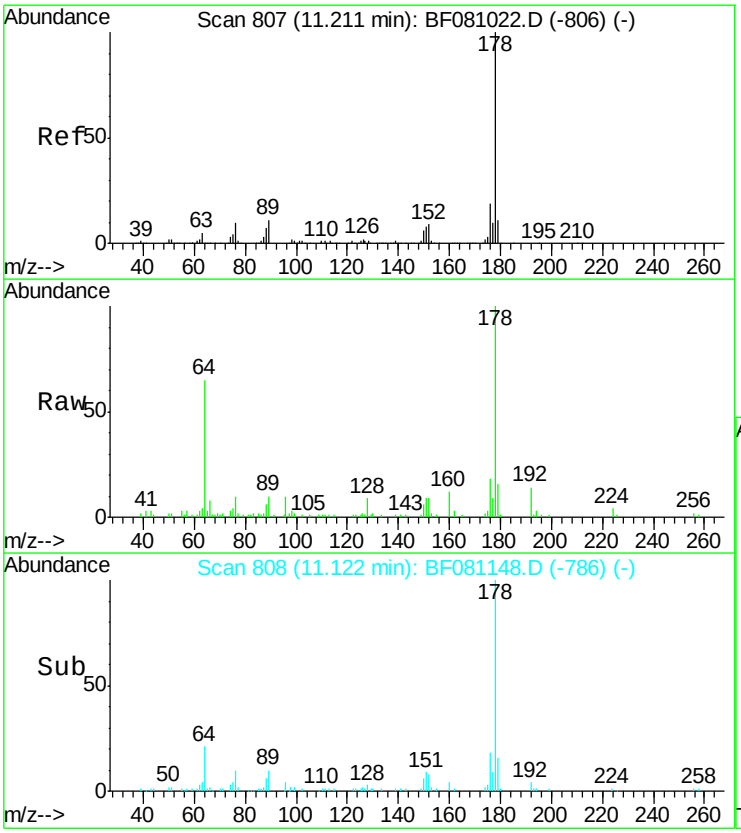
#70
Phenanthrene
Concen: 10.28 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:178 Resp: 140523

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	14.3	12.2	18.2

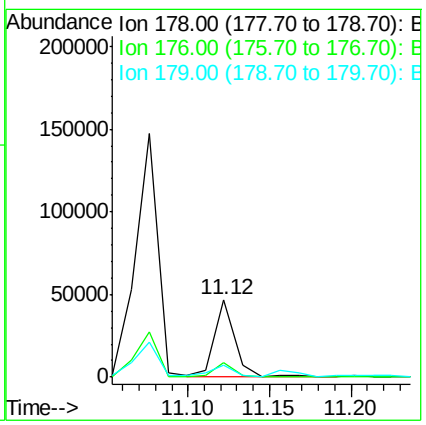


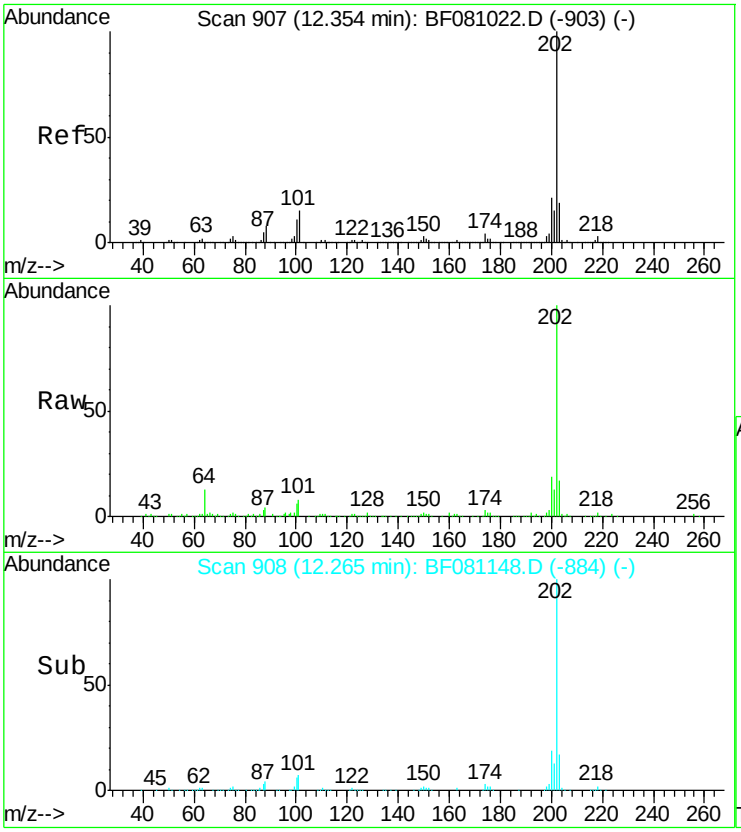


#71
Anthracene
Concen: 3.03 ng
RT: 11.12 min Scan# 808
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:178 Resp: 40241

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.7	23.5
179	15.7	12.7	19.1



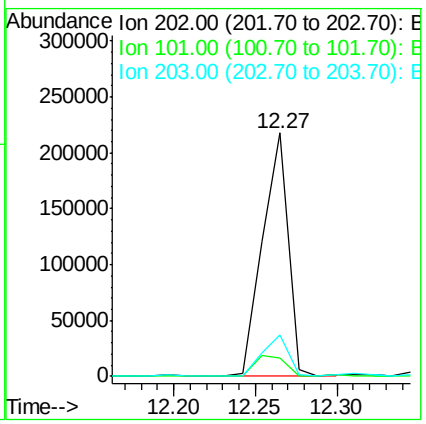


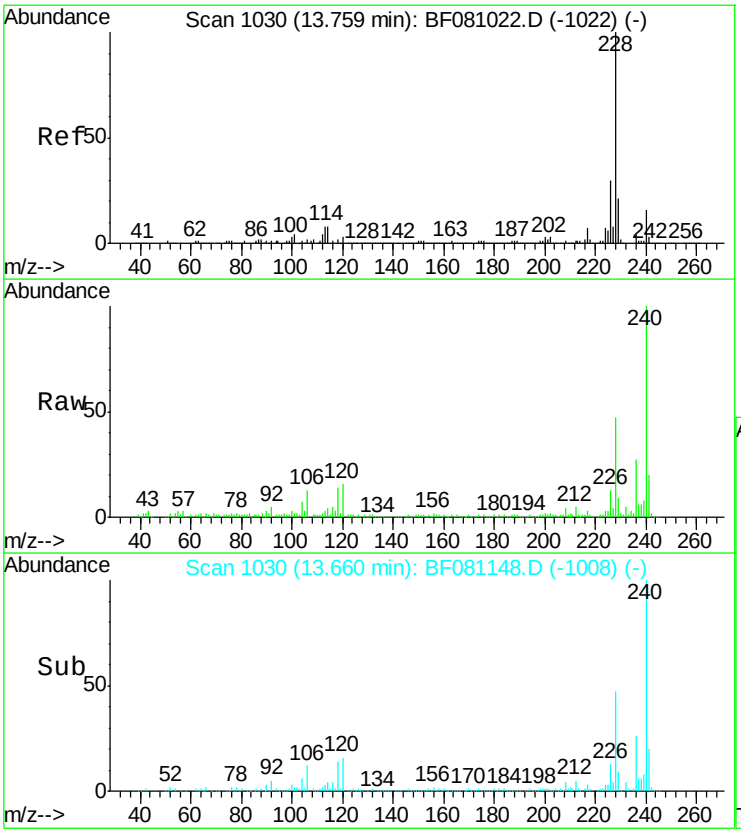
#74
Fluoranthene
Concen: 16.06 ng
RT: 12.27 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:202 Resp: 236832

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	24.8
203	16.9	0.0	36.9

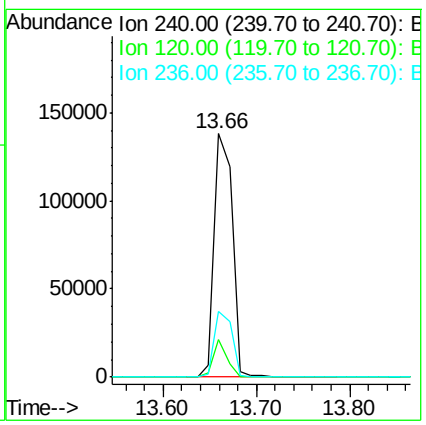


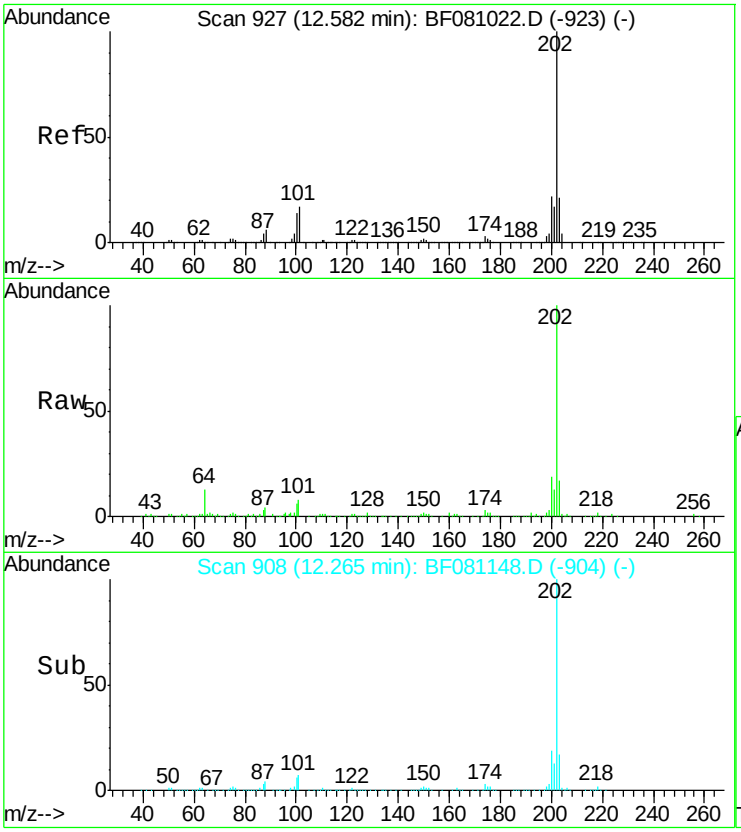


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:240 Resp: 185957

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.6	8.4#
236	26.7	20.6	30.8



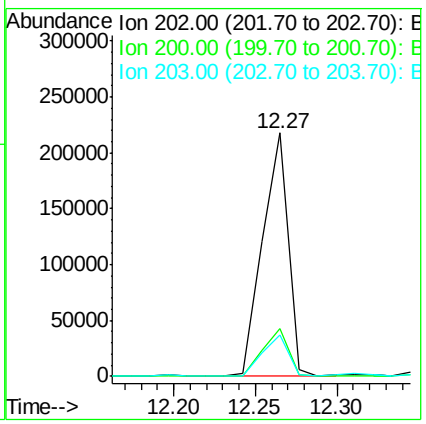


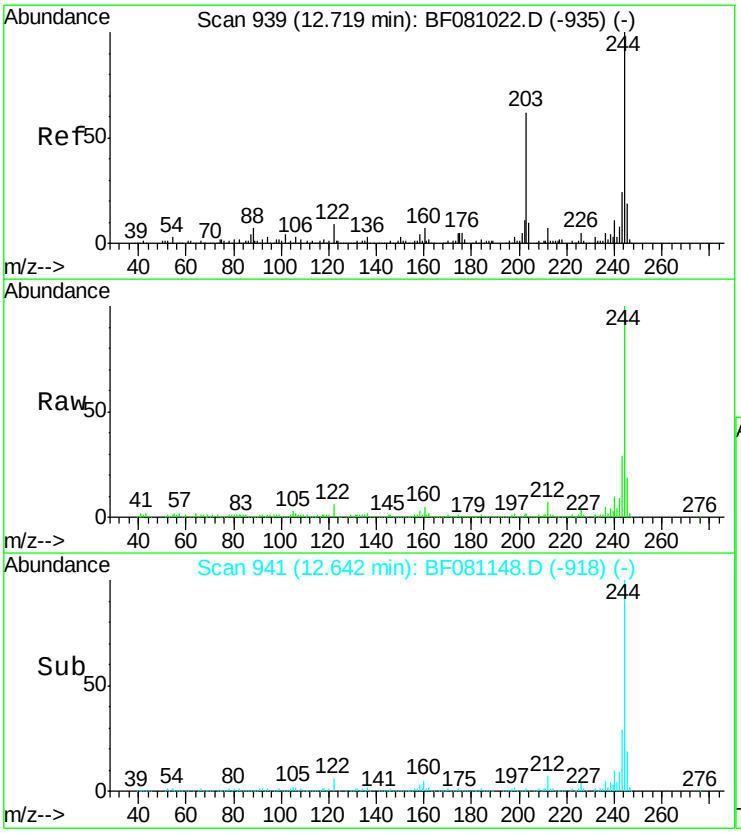
#77
Pyrene
Concen: 15.67 ng
RT: 12.27 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:202 Resp: 236832

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.6	24.8
203	16.9	14.1	21.1

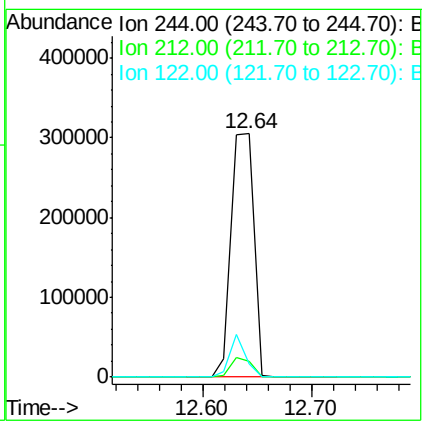


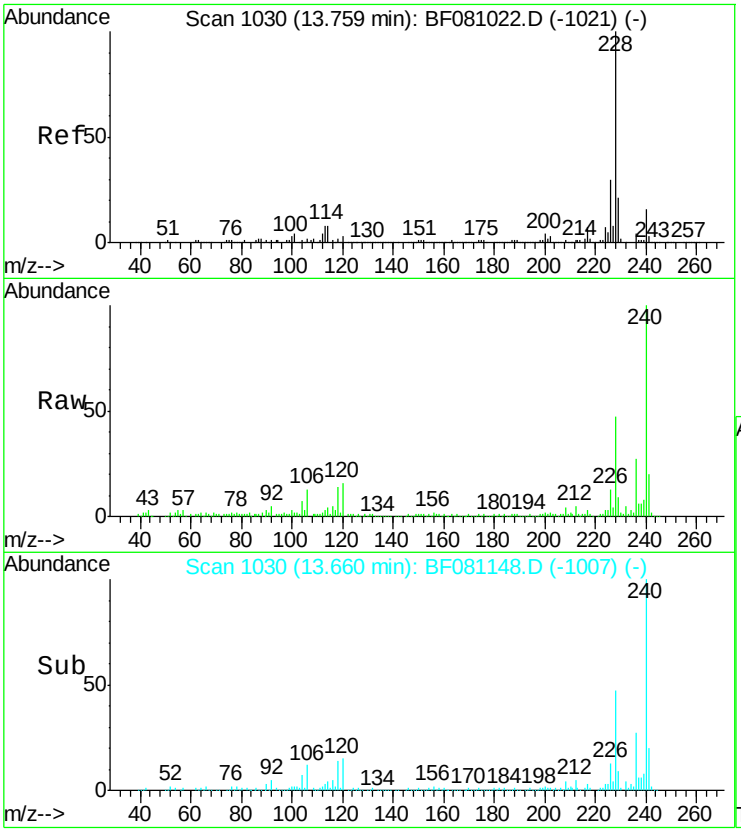


#78
Terphenyl-d14
Concen: 50.39 ng
RT: 12.64 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:244 Resp: 437118

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	5.7	8.2	12.4#



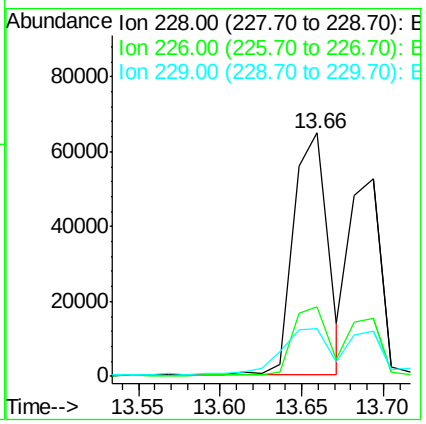


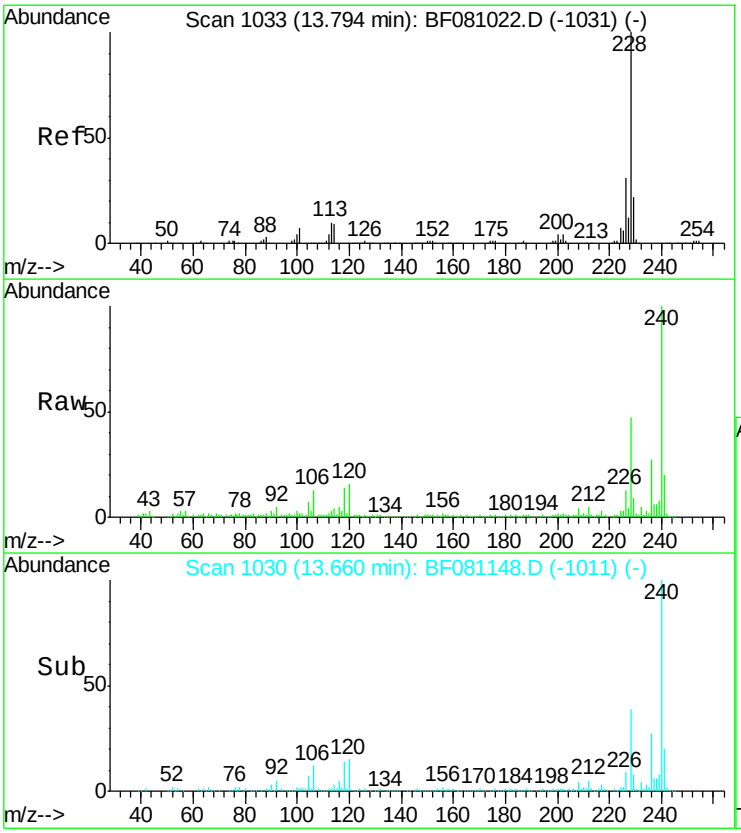
#80
Benzo(a)anthracene
Concen: 7.59 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:228 Resp: 94599

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	19.8	15.9	23.9

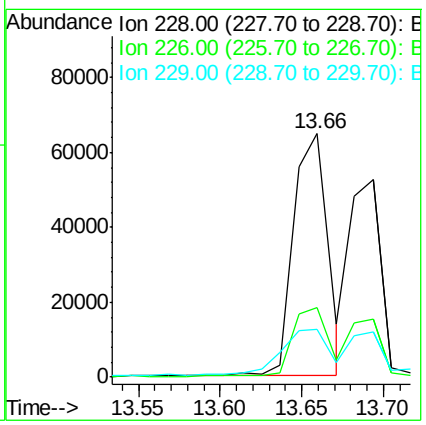


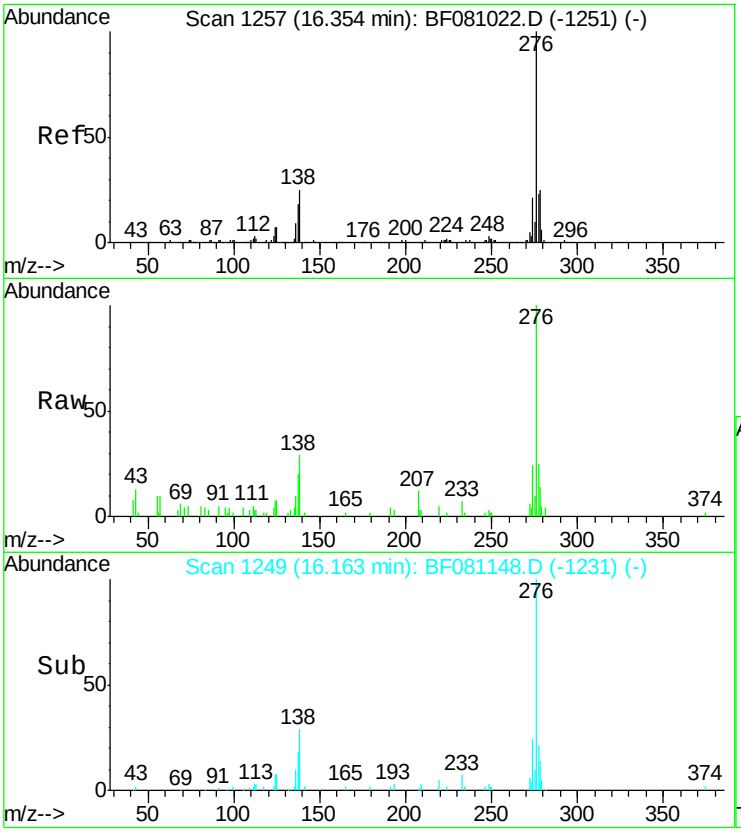


#82
Chrysene
Concen: 8.42 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.08 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:228 Resp: 94599

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.4	36.6
229	19.8	16.0	24.0



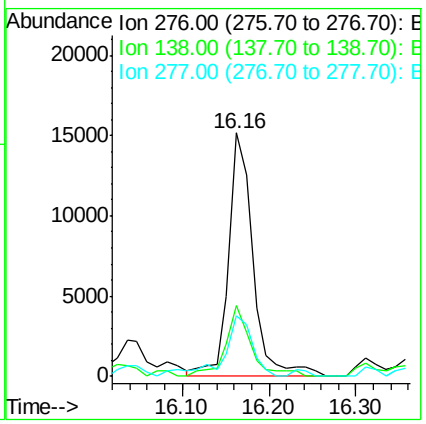


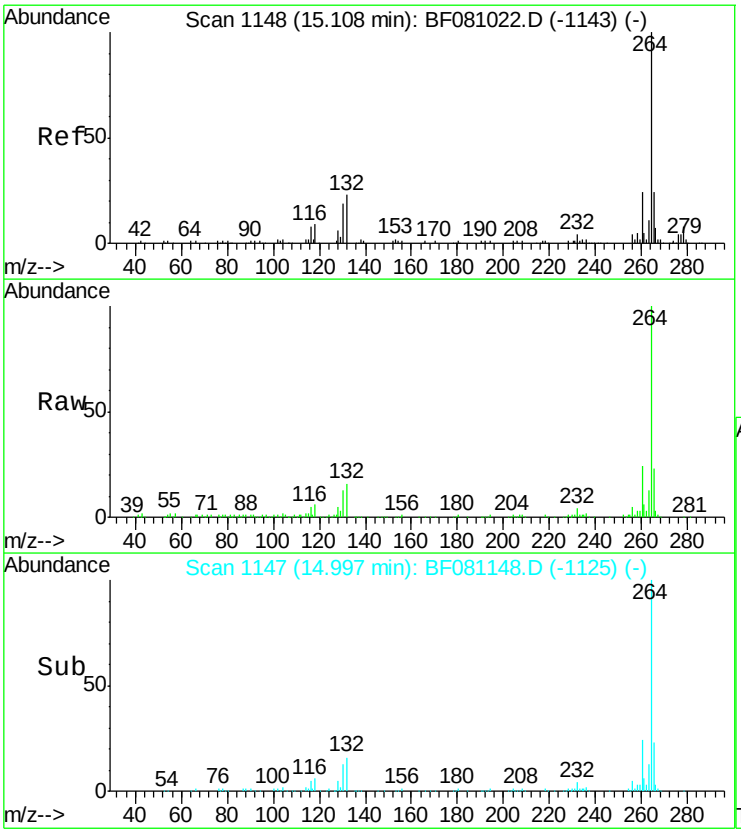
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.74 ng
RT: 16.16 min Scan# 1249
Delta R.T. -0.09 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:276 Resp: 29489

Ion	Ratio	Lower	Upper
276	100		
138	29.8	18.6	28.0#
277	29.6	19.8	29.8

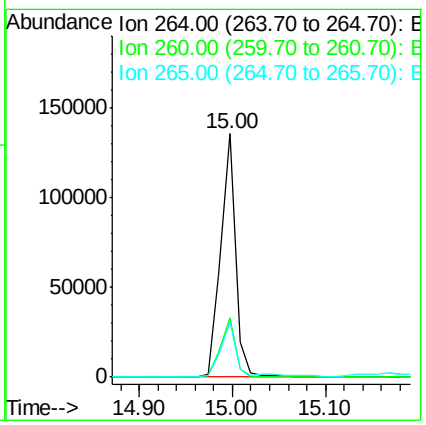


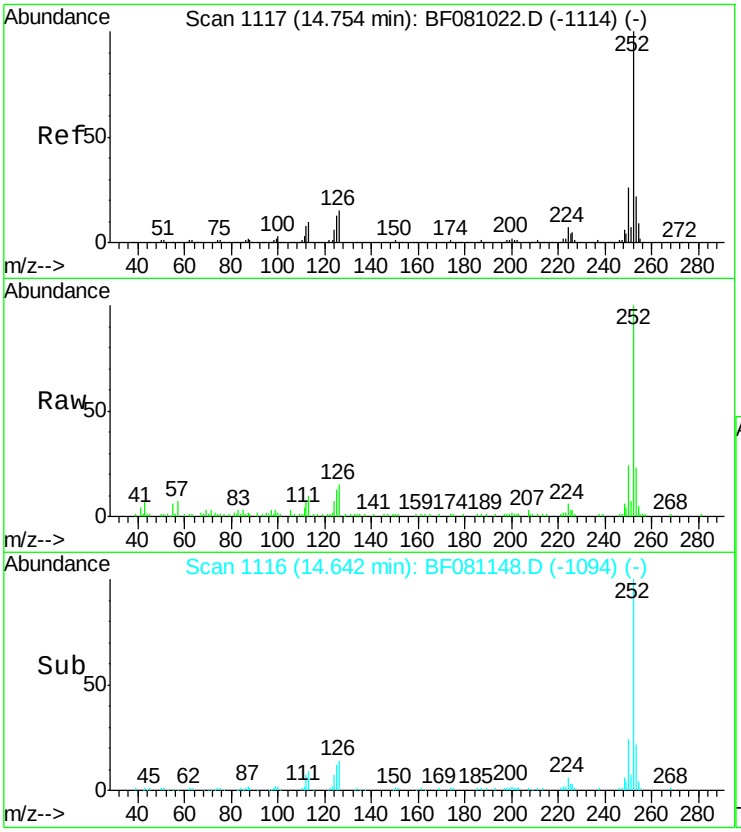


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:264 Resp: 150824

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.6	17.5	26.3



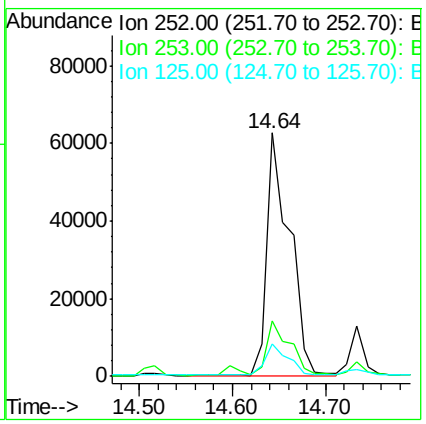


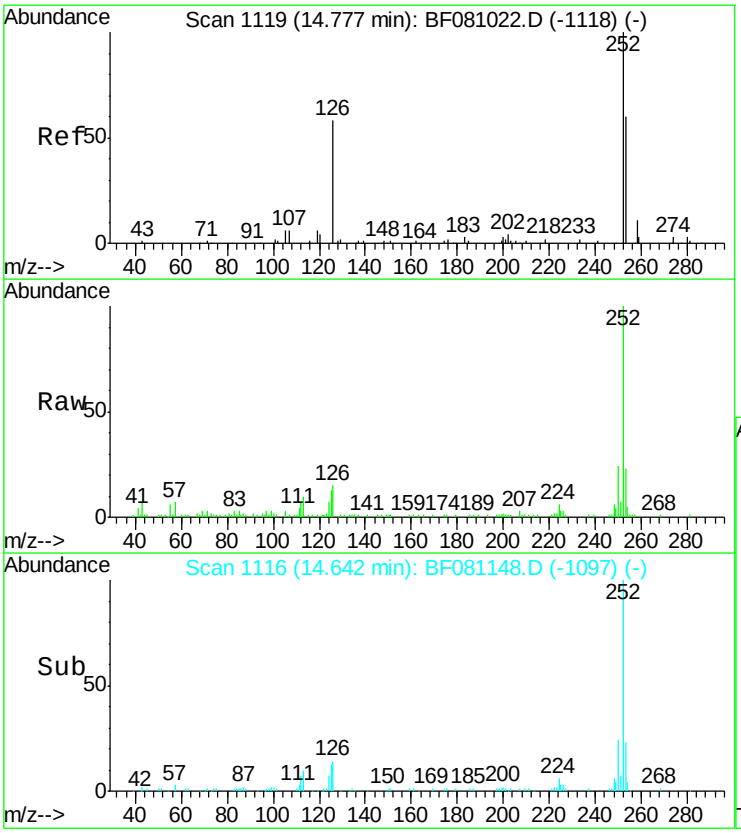
#87
Benzo(b)fluoranthene
Concen: 10.24 ng
RT: 14.64 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:252 Resp: 109201

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.3	8.0	12.0#

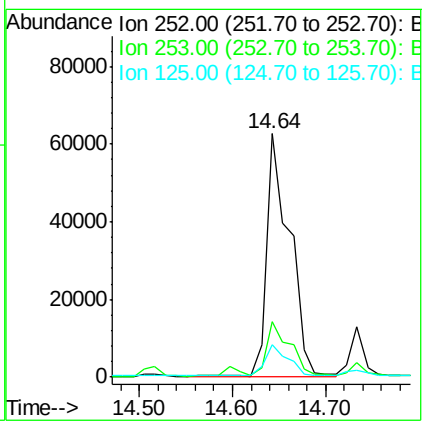


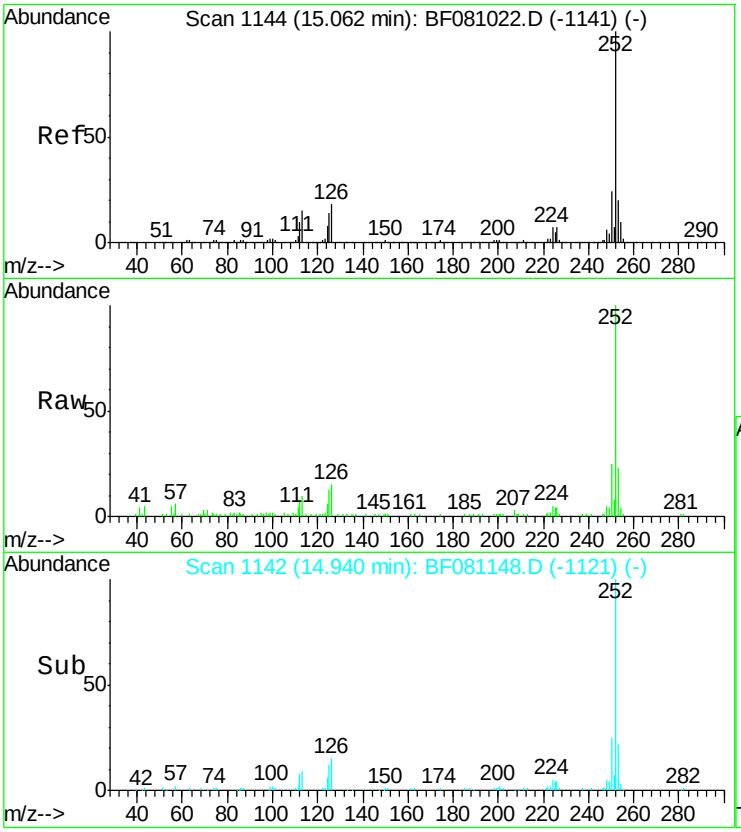


#88
Benzo(k)fluoranthene
Concen: 10.99 ng
RT: 14.64 min Scan# 1116
Delta R.T. -0.08 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Tgt Ion:252 Resp: 109201

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	13.3	10.3	15.5





#89
Benzo(a)pyrene
Concen: 6.65 ng
RT: 14.94 min Scan# 1142
Delta R.T. -0.06 min
Lab File: BF081148.D
Acq: 21 Aug 2015 16:37

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:252 Resp: 61831

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.6	25.0
125	13.1	7.8	11.8#