Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084883.D
Acq On : 6 Feb 2016 2:05
Operator : SJ/IZ
Sample : H1311-11 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B006(0-2)

Quant Time: Feb 06 03:40:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	182069	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	737587	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	326735	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	577205	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	402596	20.00	ng		-0.03
86) Perylene-d12	15.17	264	335437	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	578500	49.49	ng		-0.03
7) Phenol-d6	6.30	99	684573	47.24	ng		-0.03
23) Nitrobenzene-d5	7.23	82	520482	39.75	ng		-0.03
41) 2,4,6-Tribromophenol	10.49	330	167675	49.20	ng		-0.03
44) 2-Fluorobiphenyl	9.02	172	658614	27.06	ng		-0.03
78) Terphenyl-d14	12.76	244	470439	26.48	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	68569	7.55	ng	#	75
49) Dimethylphthalate	9.42	163	133171	5.35	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	41639	7.66	ng	#	38
56) 2,4-Dinitrotoluene	9.70	165	41639	6.01	ng	#	21
70) Phenanthrene	11.20	178	195533	6.11	ng		99
74) Fluoranthene	12.37	202	182651	5.64	ng		99
76) Benzidine	12.75	184	5775	7.16	ng		97
77) Pyrene	12.60	202	182383	5.92	ng		99
80) Benzo(a)anthracene	13.79	228	78541	3.14	ng		98
82) Chrysene	13.83	228	50932	2.10	ng		97
87) Benzo(b)fluoranthene	14.80	252	80612	3.58	ng	#	95
88) Benzo(k)fluoranthene	14.80	252	80612	4.33	ng		99
89) Benzo(a)pyrene	15.12	252	46857	2.44	ng	#	97

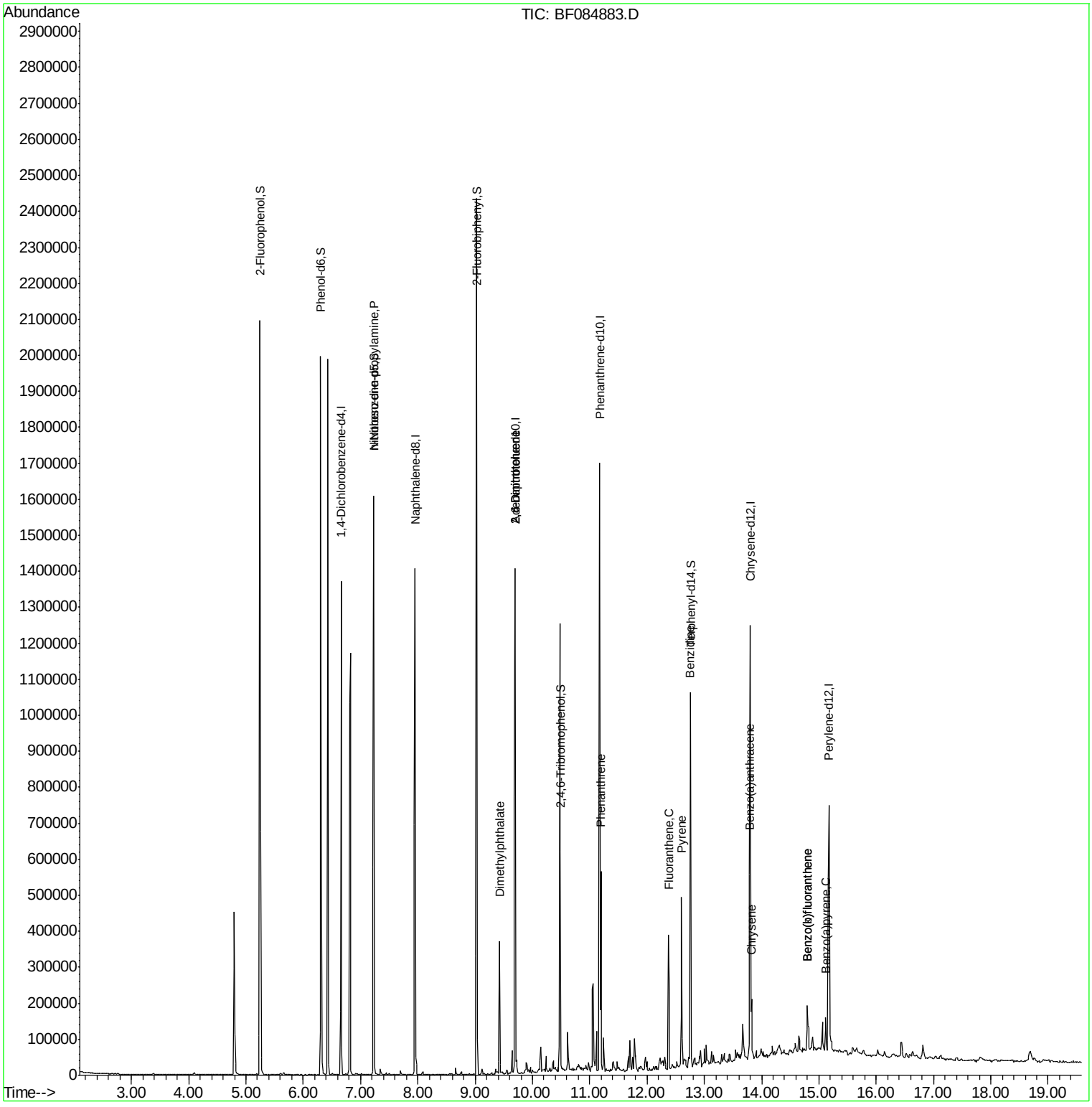
(#) = qualifier out of range (m) = manual integration (+) = signals summed

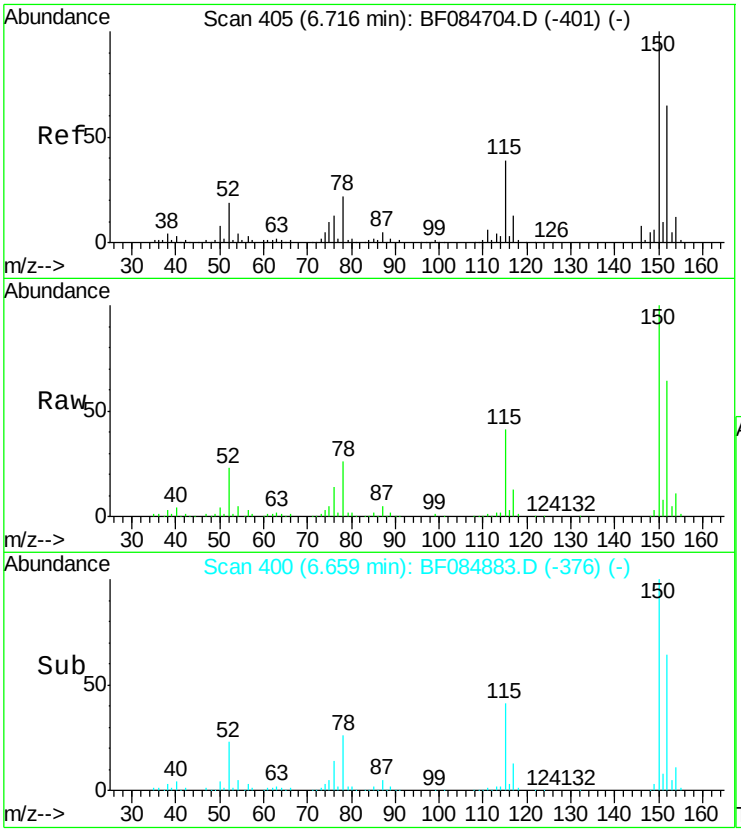
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084883.D
Acq On : 6 Feb 2016 2:05
Operator : SJ/IZ
Sample : H1311-11 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Quant Time: Feb 06 03:40:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



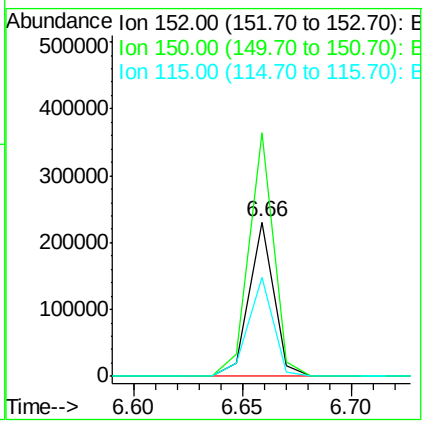


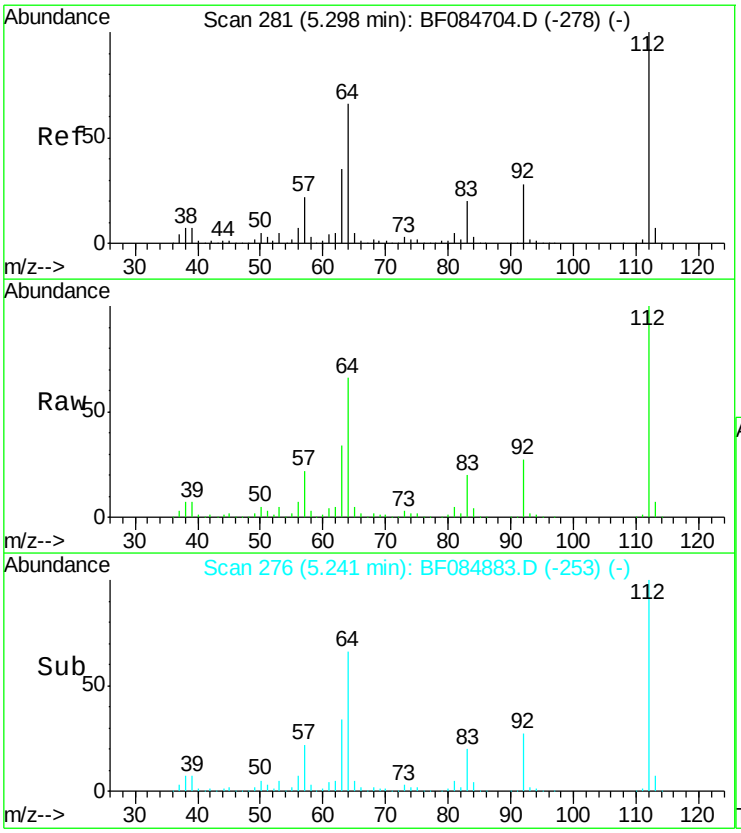
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:152 Resp: 182069

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	63.8	51.4	77.2

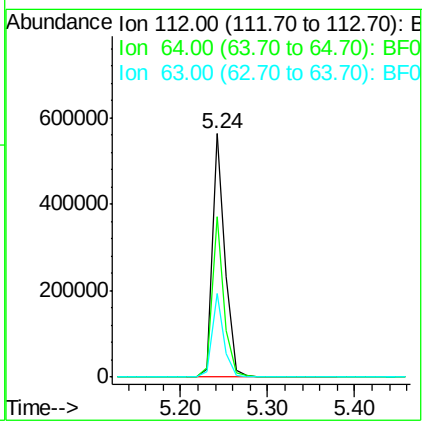


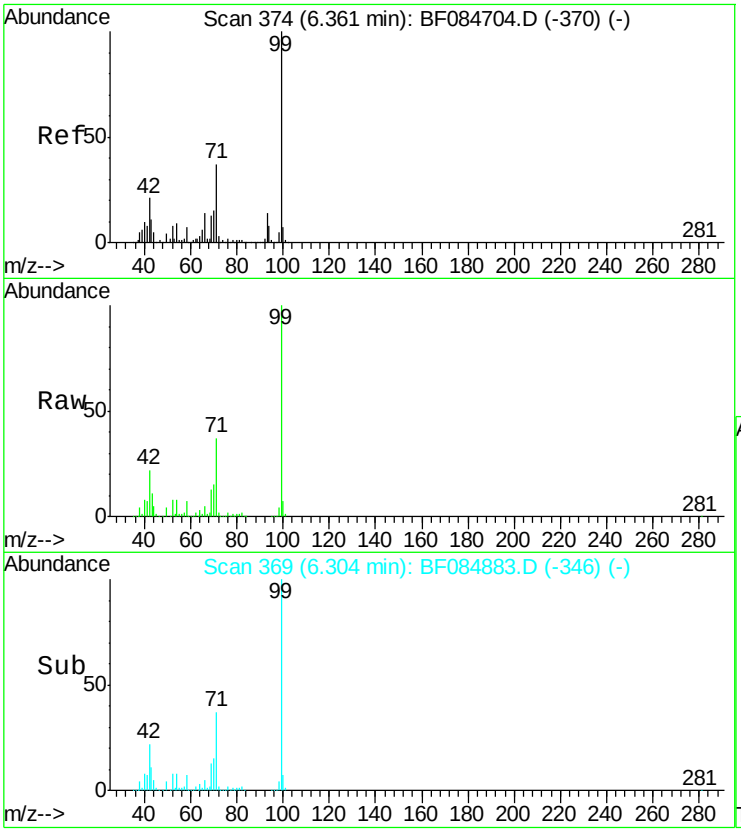


#5
2-Fluorophenol
Concen: 49.49 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:112 Resp: 578500

Ion	Ratio	Lower	Upper
112	100		
64	66.0	36.6	55.0#
63	34.2	19.4	29.0#



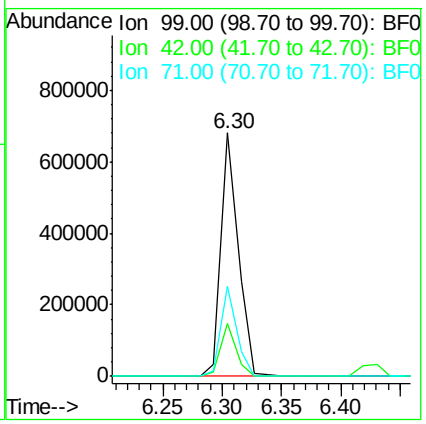


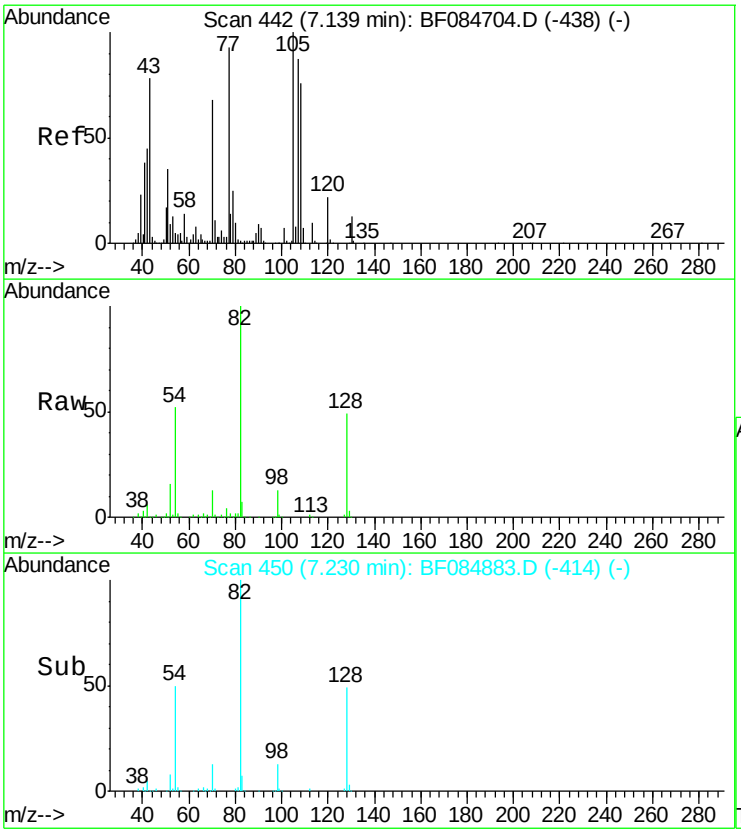
#7
Phenol-d6
Concen: 47.24 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion: 99 Resp: 684573

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	37.1	30.9	46.3

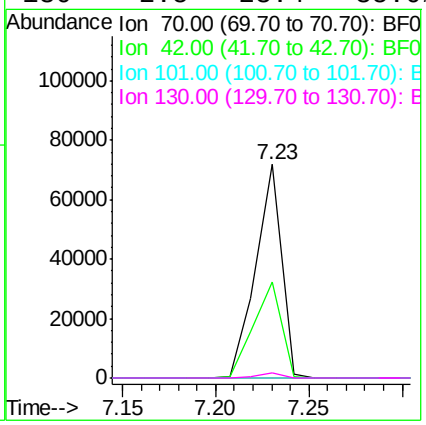


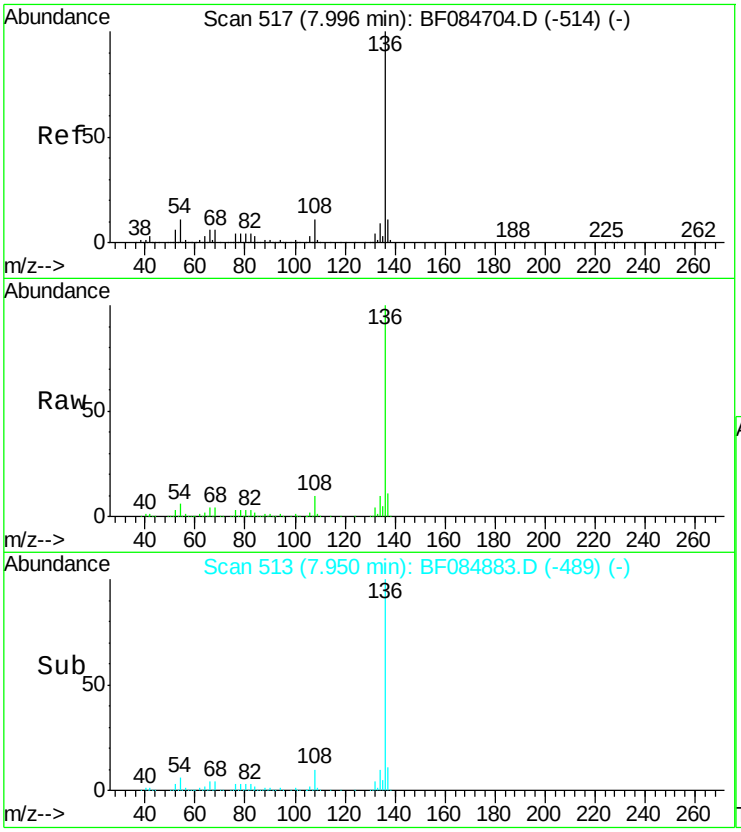


#19
n-Nitroso-di-n-propylamine
Concen: 7.55 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion: 70 Resp: 68569

Ion	Ratio	Lower	Upper
70	100		
42	45.2	33.3	49.9
101	0.0	9.3	13.9#
130	2.5	23.4	35.0#



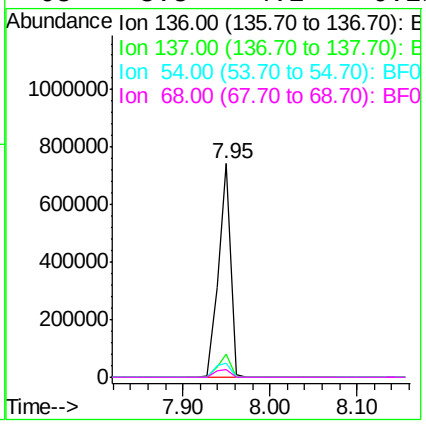


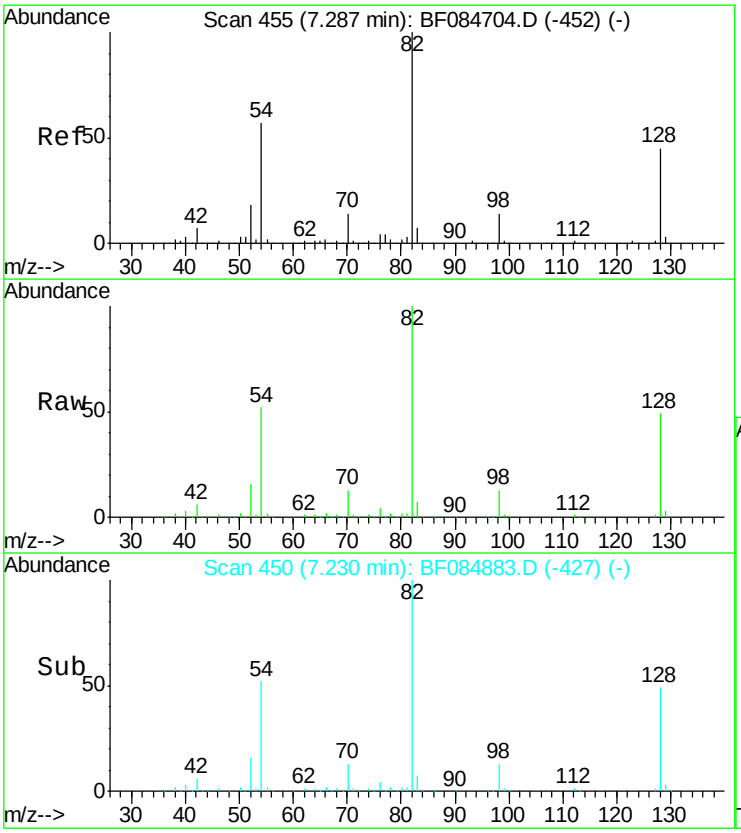
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:136 Resp: 737587

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	5.8	8.8
68	3.8	4.2	6.2#

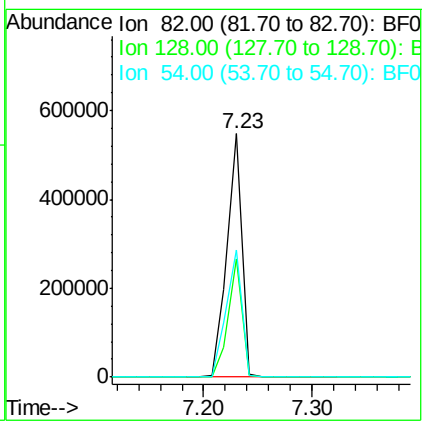


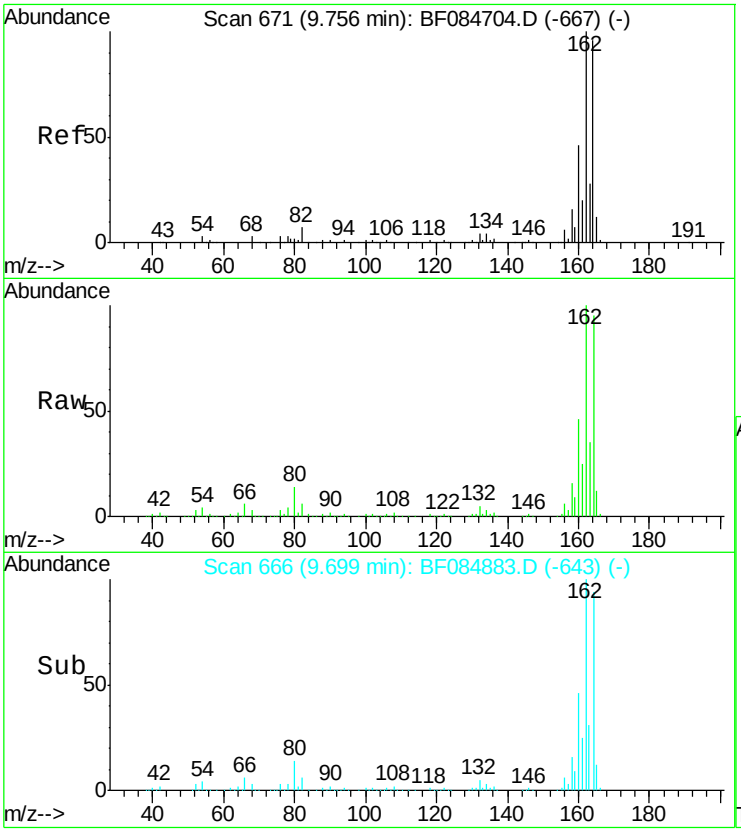


#23
Nitrobenzene-d5
Concen: 39.75 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion: 82 Resp: 520482

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.6	51.8
54	52.5	38.4	57.6



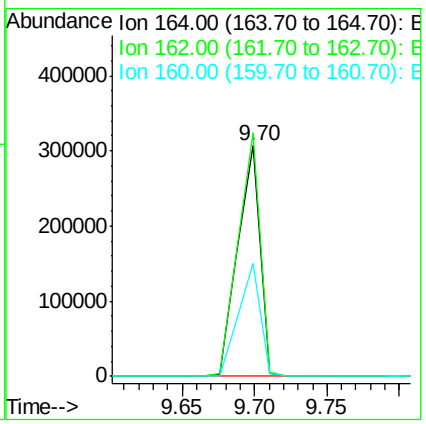


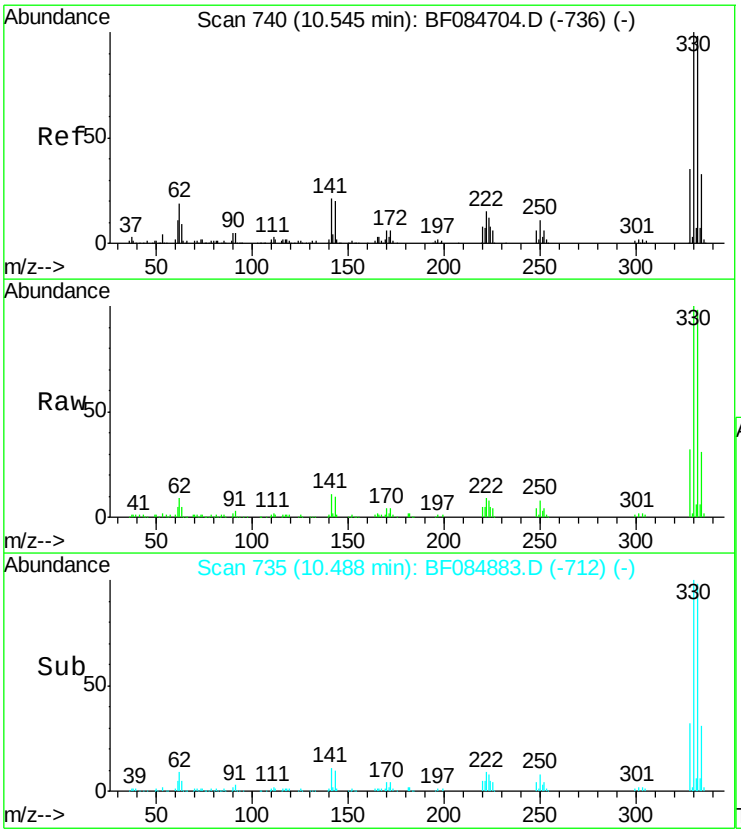
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:164 Resp: 326735

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	48.8	37.5	56.3

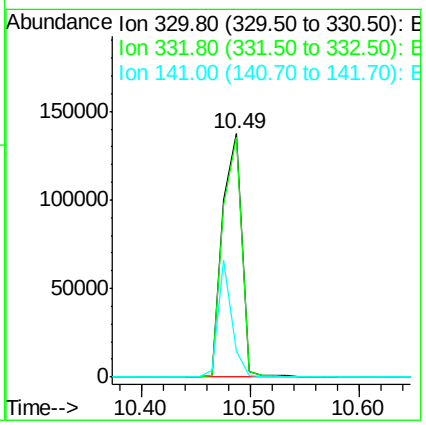


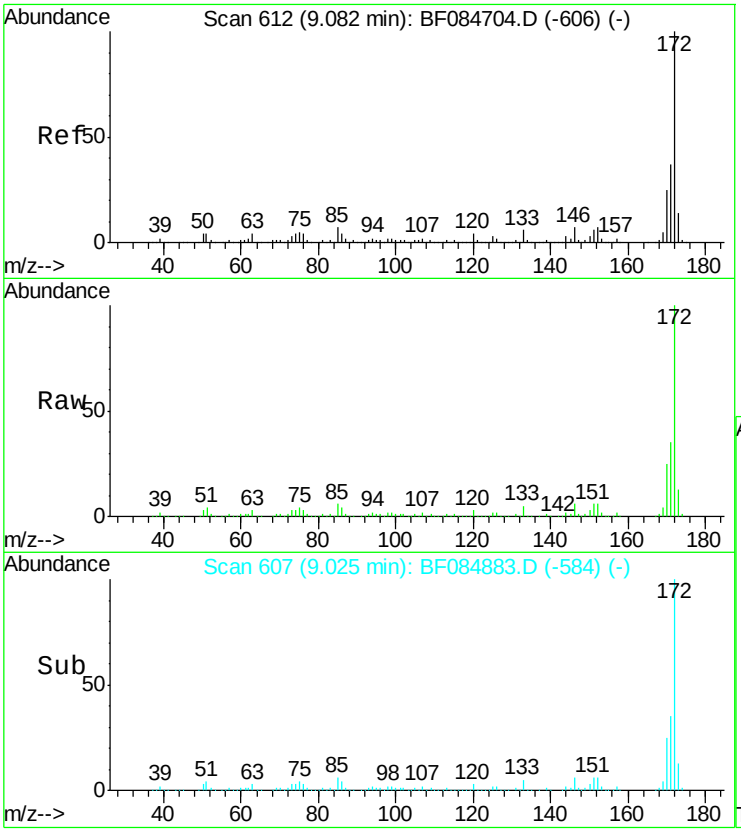


#41
2,4,6-Tribromophenol
Concen: 49.20 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:330 Resp: 167675

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	35.2	27.8	41.6



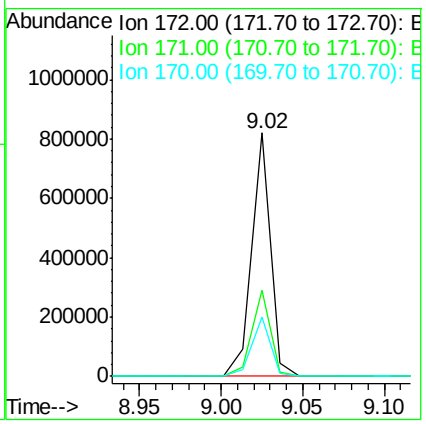


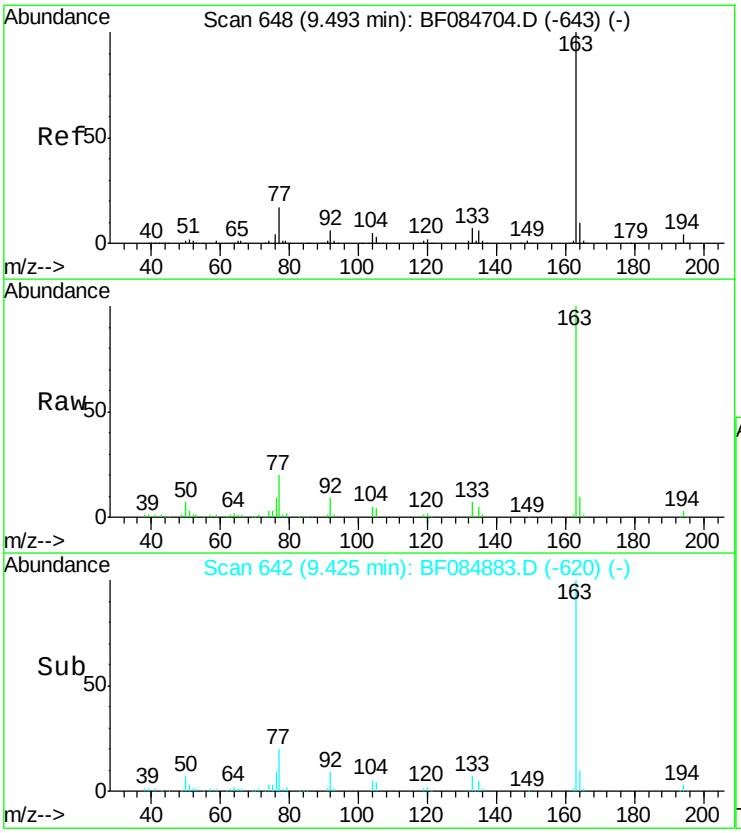
#44
2-Fluorobiphenyl
Concen: 27.06 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:172 Resp: 658614

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.6	18.6	27.8

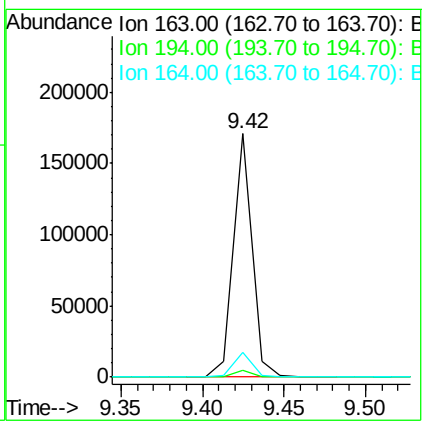


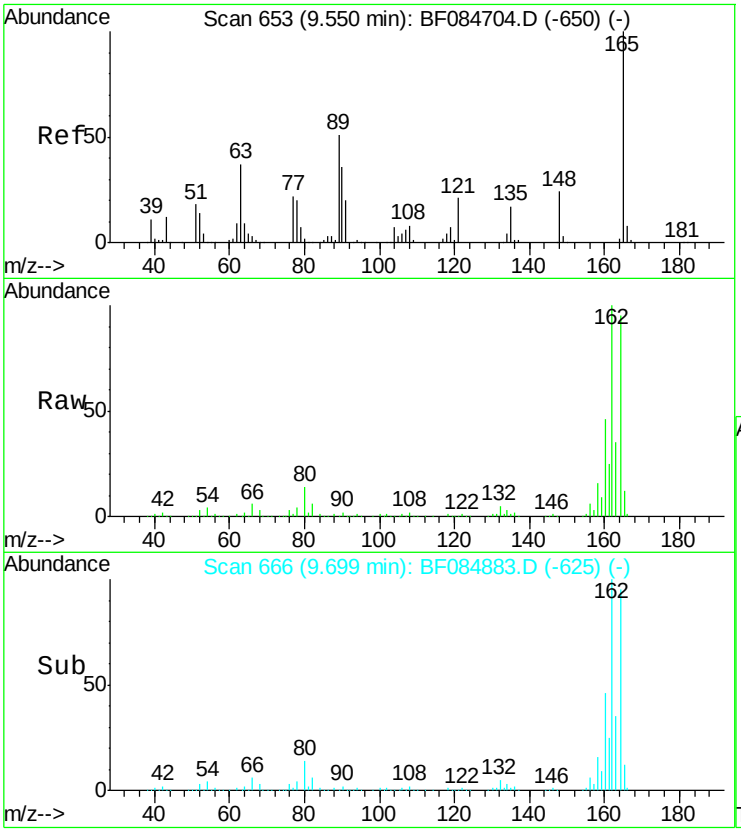


#49
Dimethylphthalate
Concen: 5.35 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:163 Resp: 133171

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.3	8.0	12.0



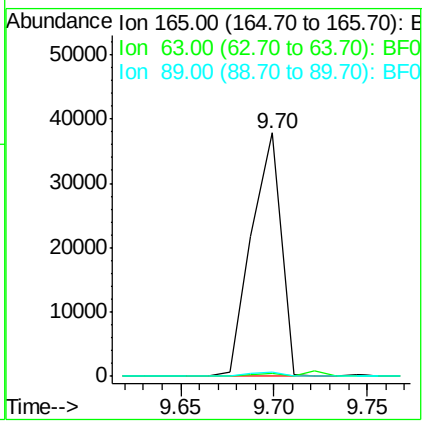


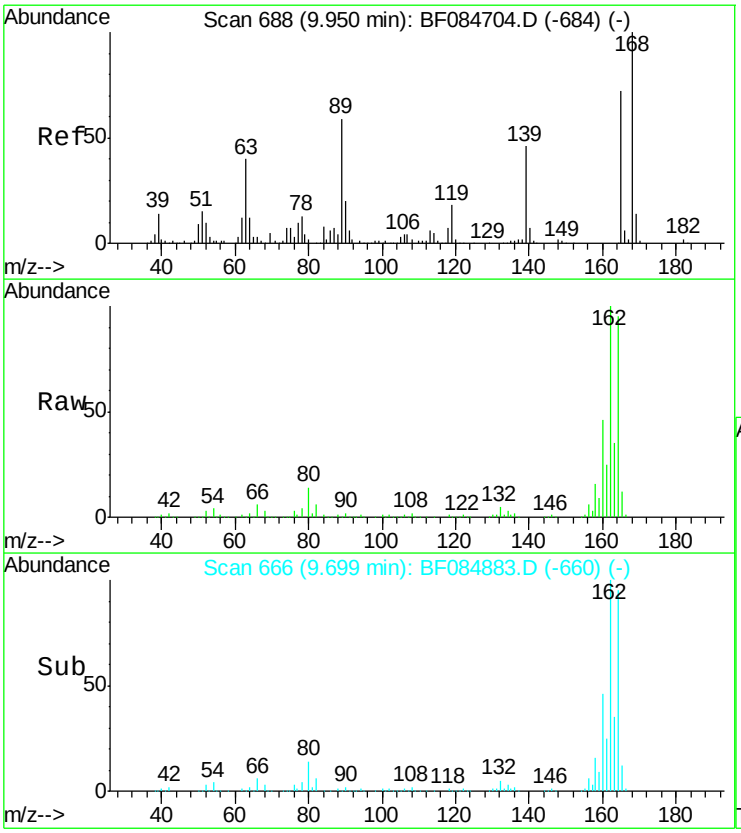
#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:165 Resp: 41639

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.9	35.1	52.7#

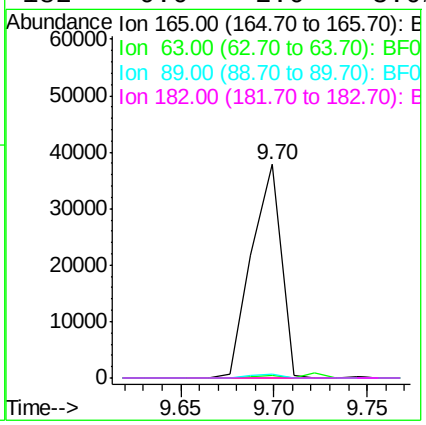


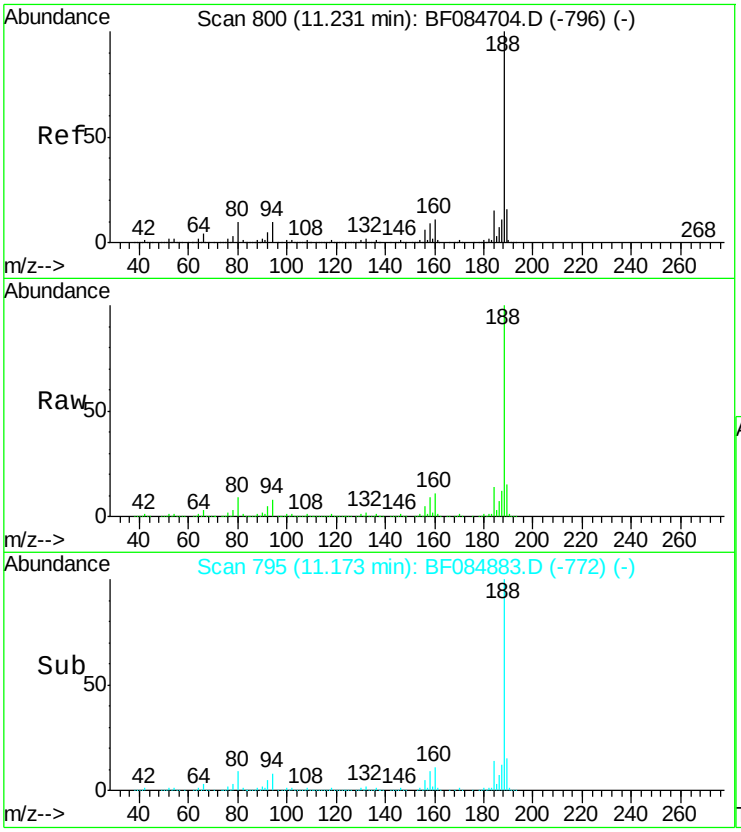


#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:165 Resp: 41639

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.9	61.9	92.9#
182	0.0	2.0	3.0#



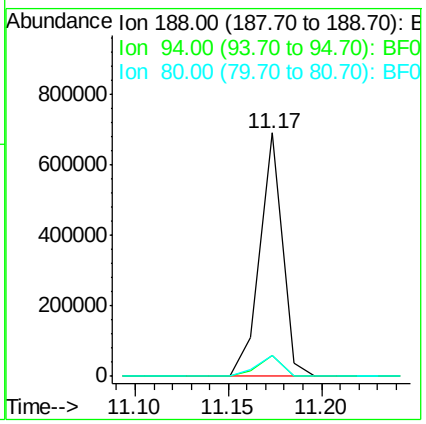


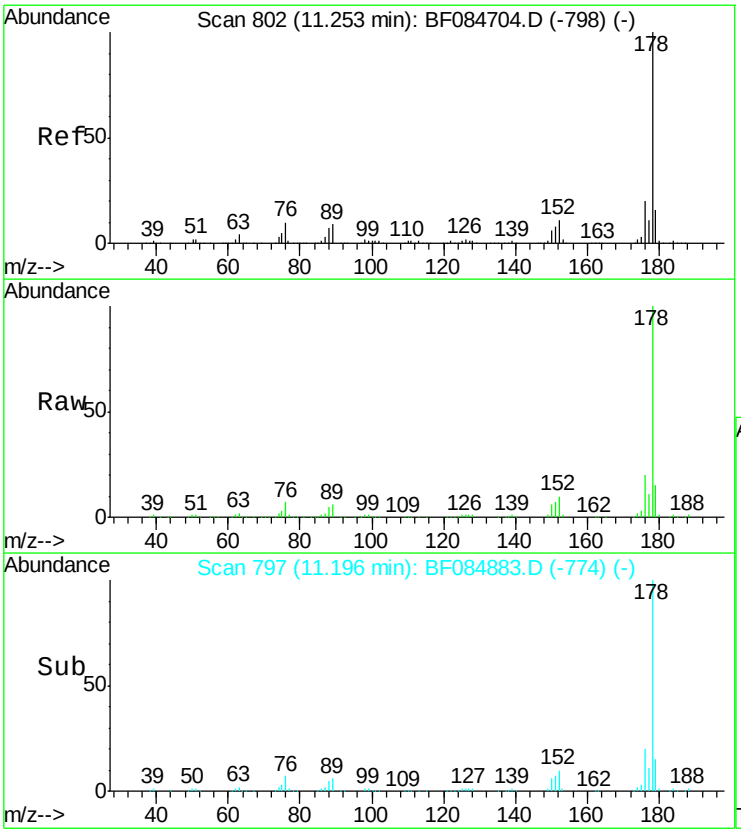
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:188 Resp: 577205

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.6	9.6	14.4#

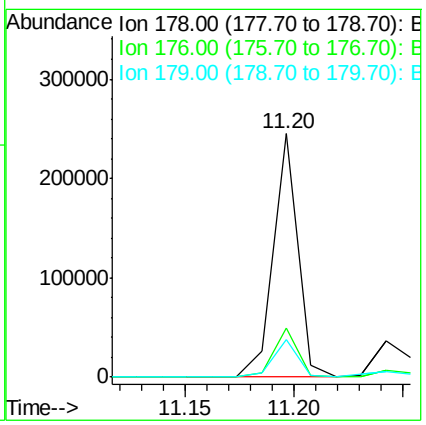


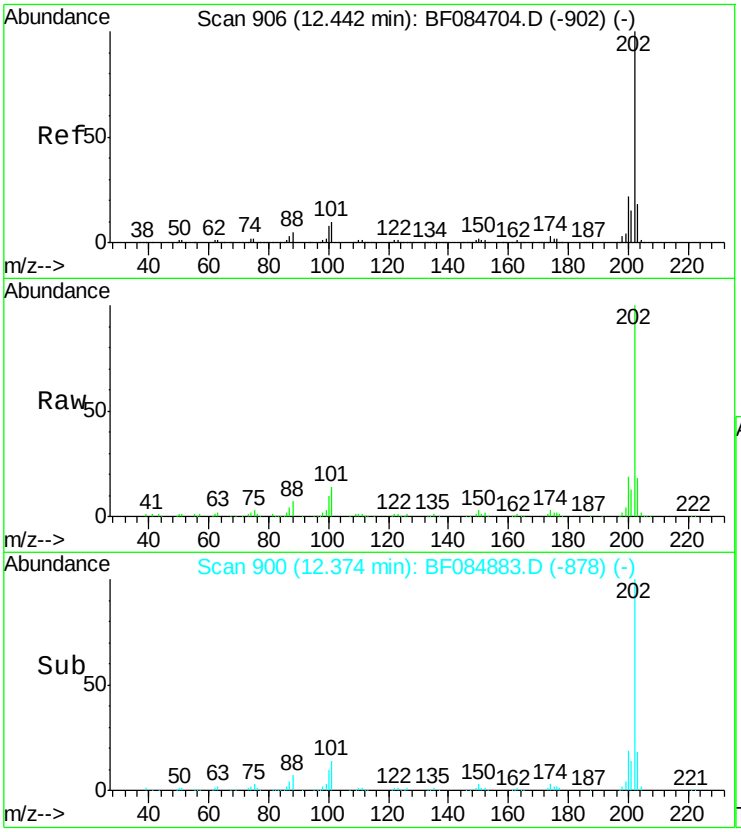


#70
Phenanthrene
Concen: 6.11 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:178 Resp: 195533

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.4	12.0	18.0



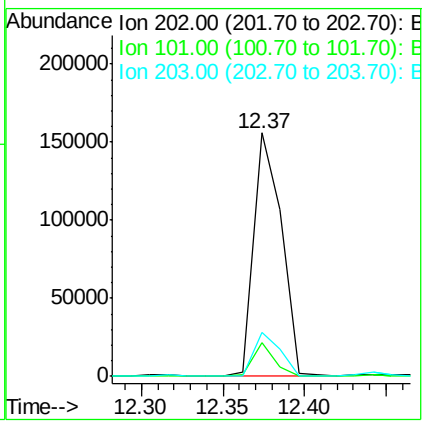


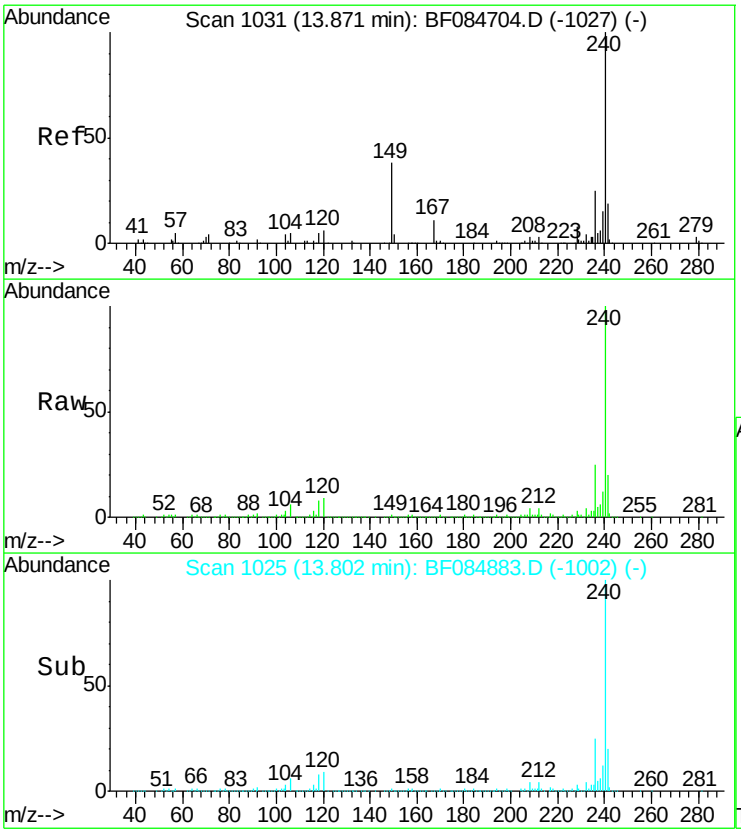
#74
Fluoranthene
Concen: 5.64 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:202 Resp: 182651

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	32.8
203	17.9	0.0	37.9

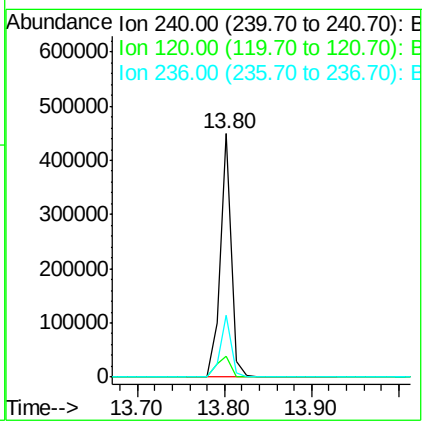


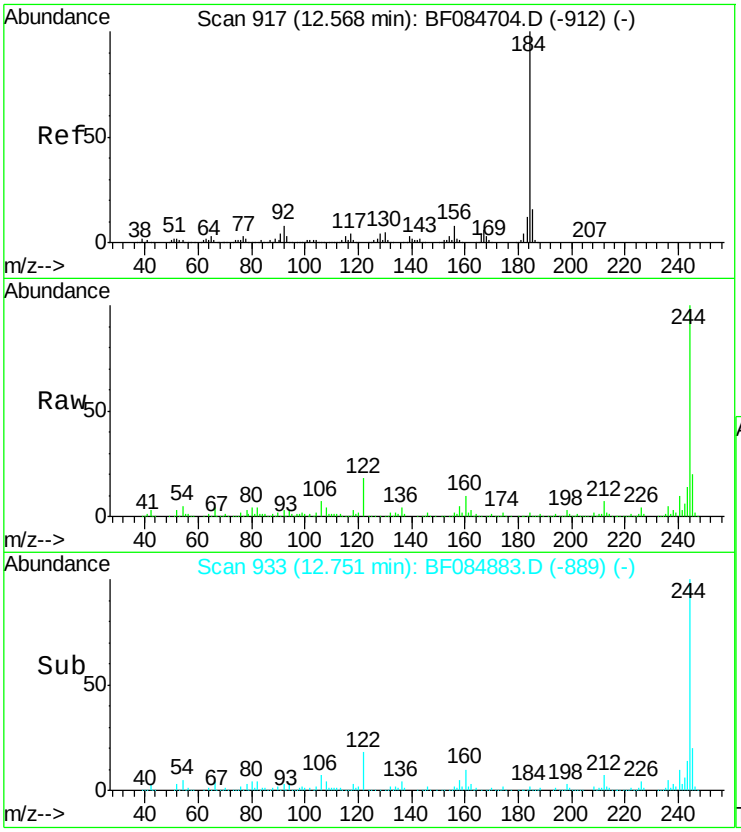


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:240 Resp: 402596

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.5	20.6	31.0



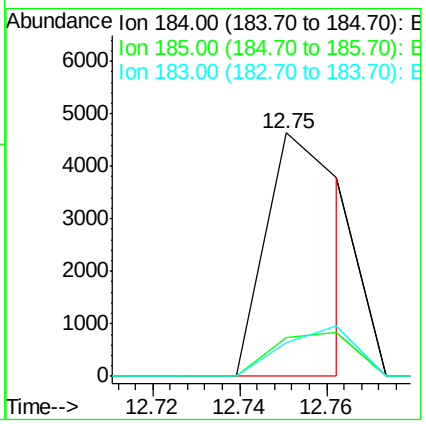


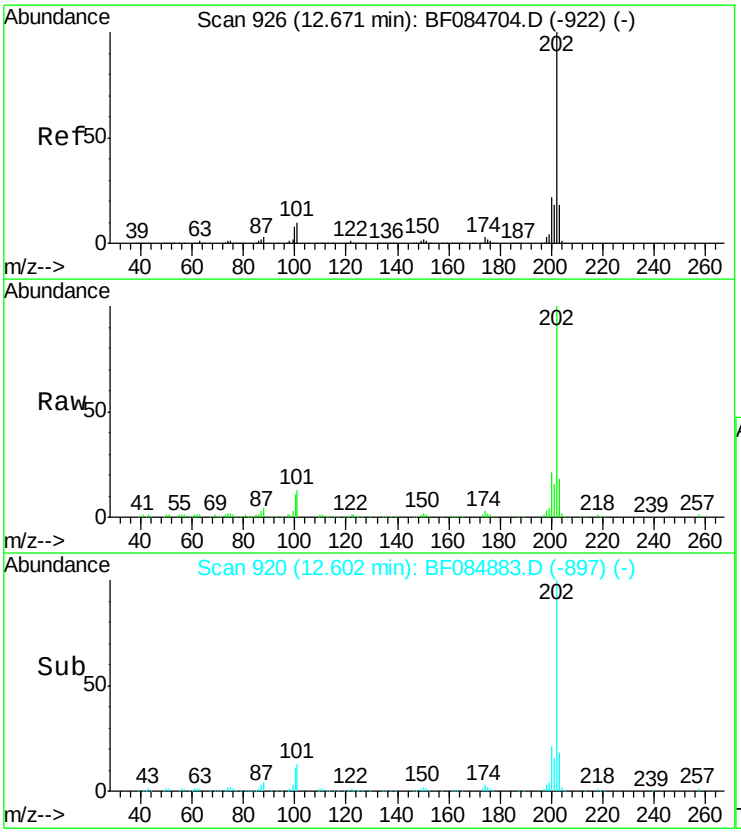
#76
Benzidine
Concen: 7.16 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.21 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:184 Resp: 5775

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	13.8	9.8	14.8

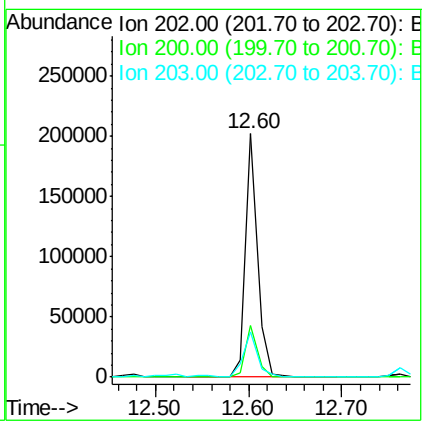


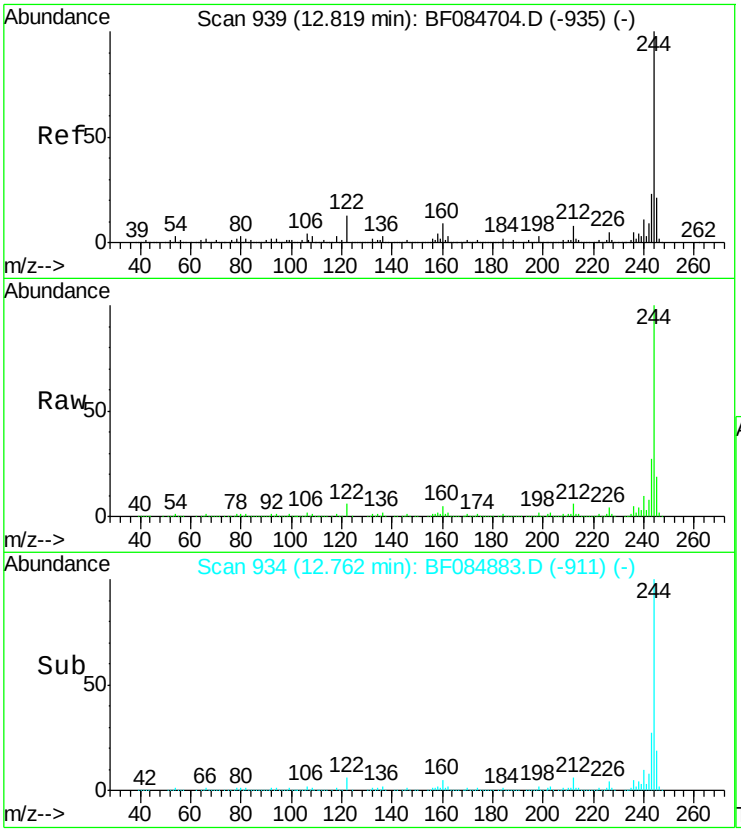


#77
Pyrene
Concen: 5.92 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:202 Resp: 182383

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	18.3	14.3	21.5



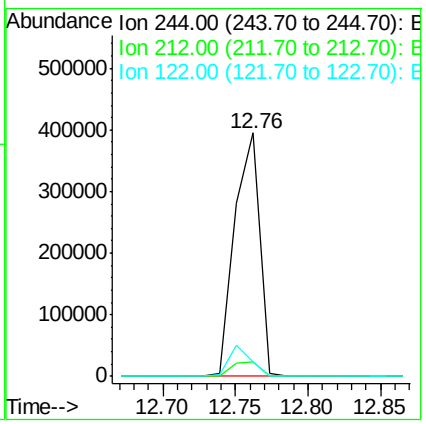


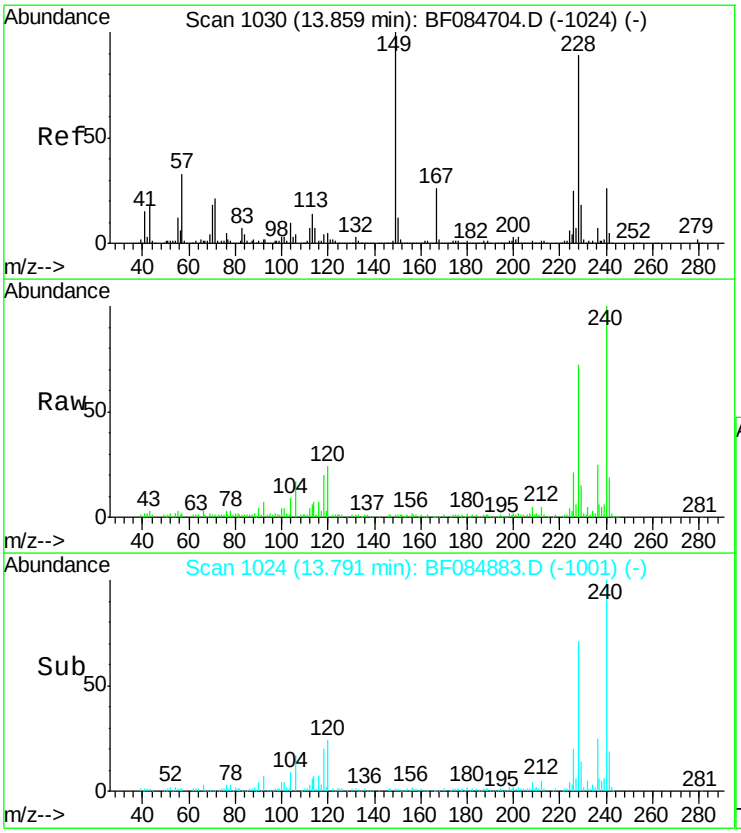
#78
Terphenyl-d14
Concen: 26.48 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:244 Resp: 470439

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.7	8.5
122	5.8	7.4	11.0#

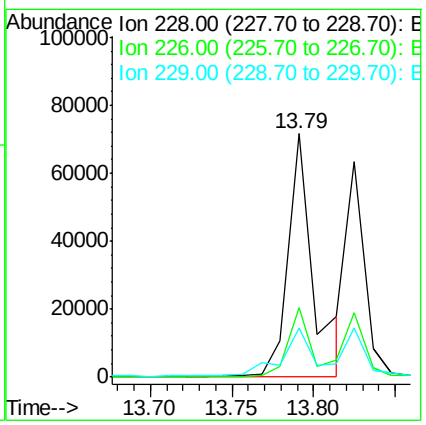


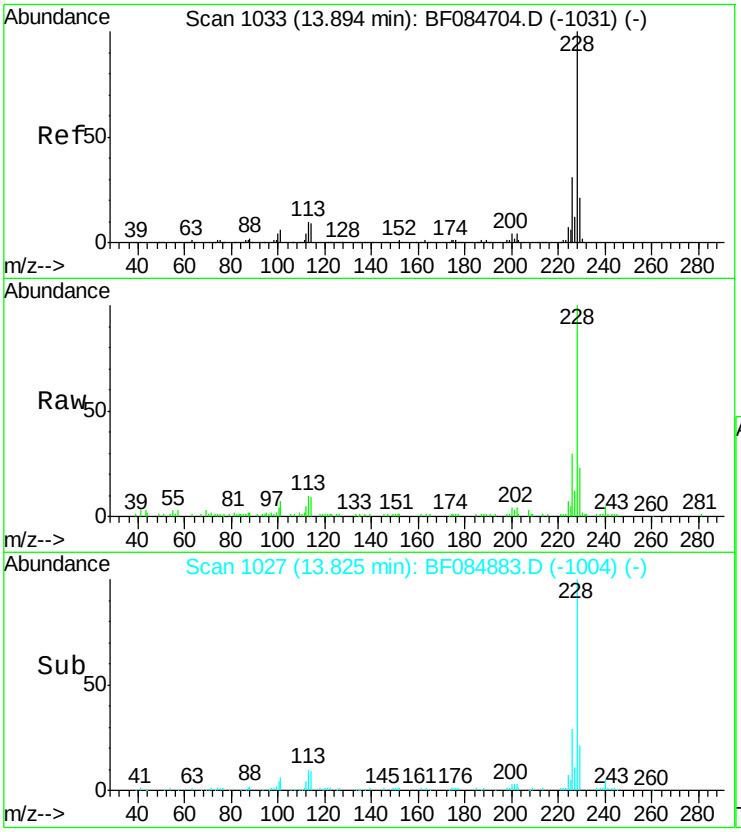


#80
Benzo(a)anthracene
Concen: 3.14 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:228 Resp: 78541

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.6
229	20.2	15.8	23.8



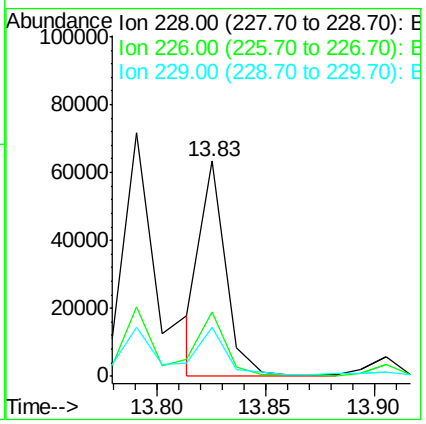


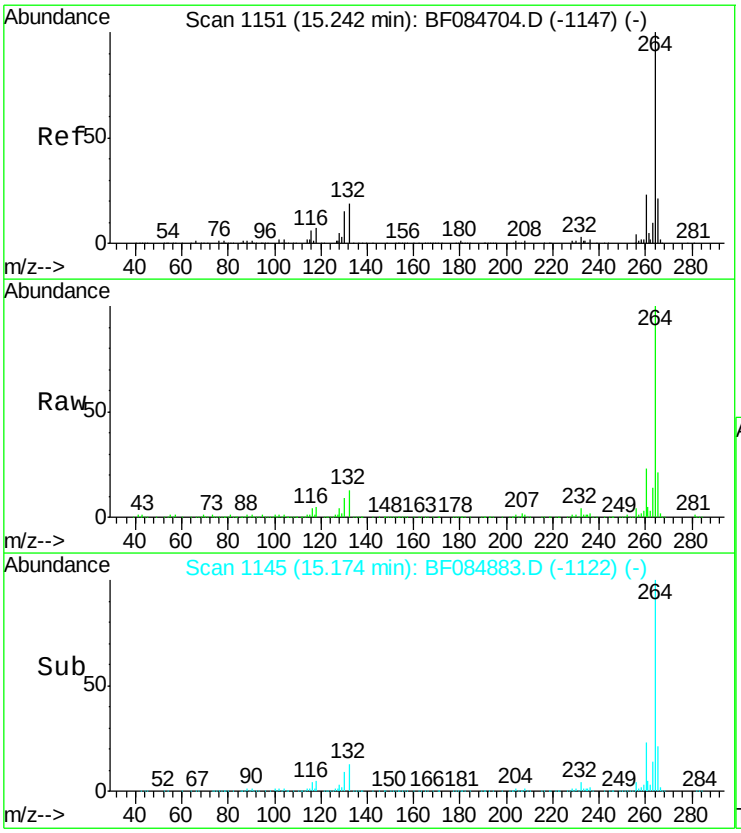
#82
Chrysene
Concen: 2.10 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:228 Resp: 50932

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	22.5	16.1	24.1

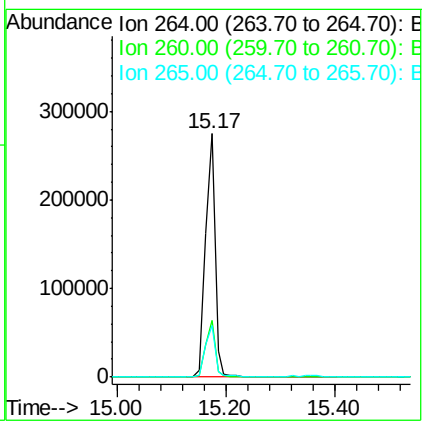


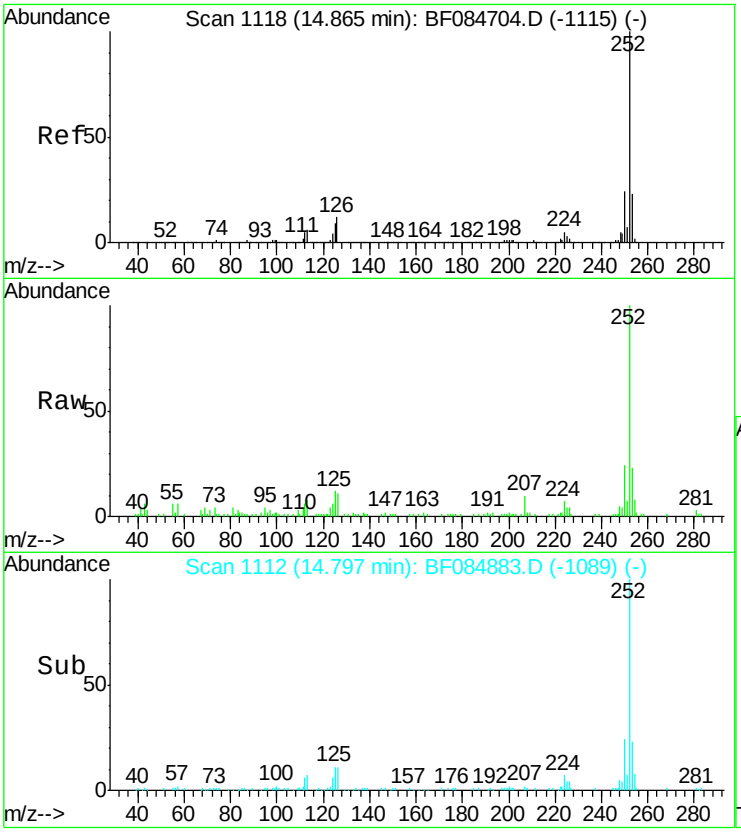


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:264 Resp: 335437

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.8	26.6



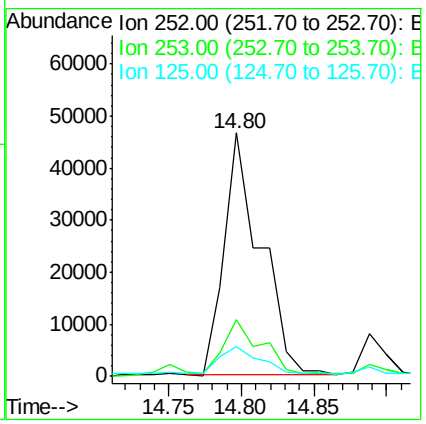


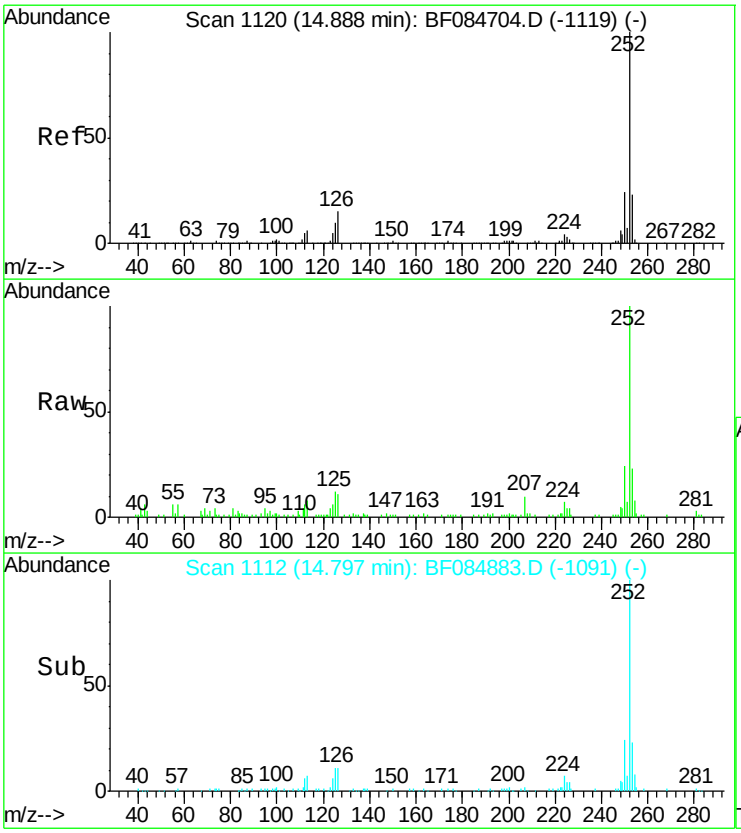
#87
Benzo(b)fluoranthene
Concen: 3.58 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:252 Resp: 80612

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	12.1	6.5	9.7#

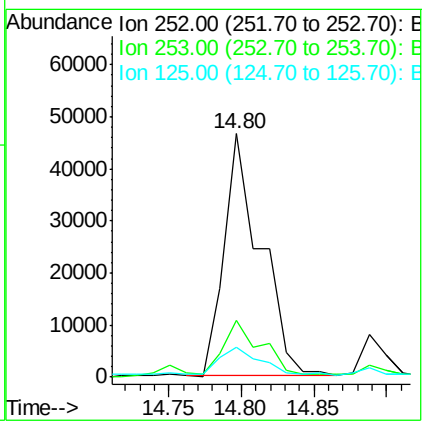


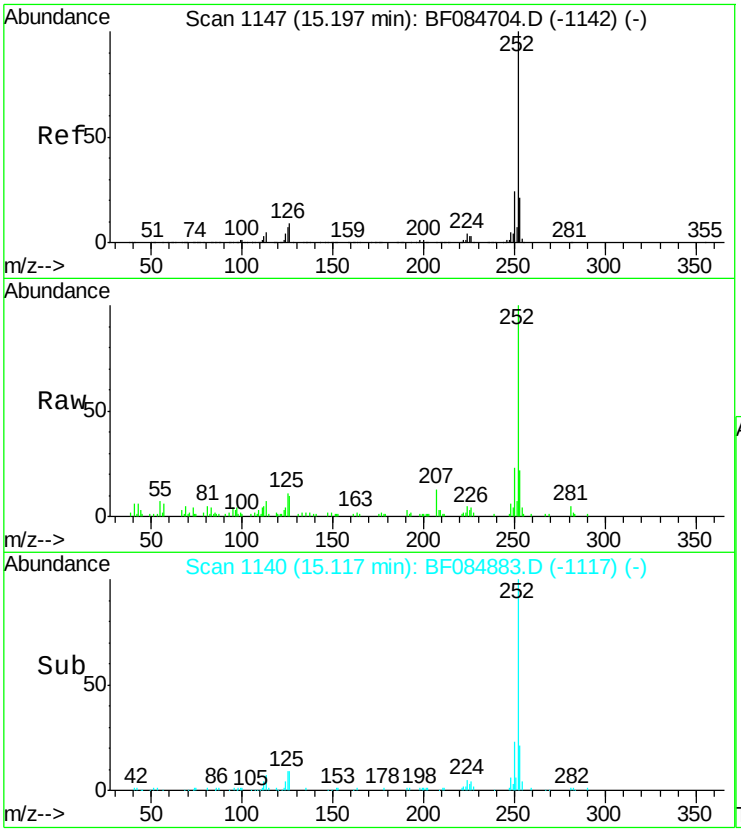


#88
Benzo(k)fluoranthene
Concen: 4.33 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion:252 Resp: 80612

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.1	9.0	13.6





#89
Benzo(a)pyrene
Concen: 2.44 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tgt Ion:252 Resp: 46857

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.6	7.0	10.4#