Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084879.D
Acq On : 6 Feb 2016 00:14
Operator : SJ/IZ
Sample : H1311-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B018(10-11)

Quant Time: Feb 06 03:39:17 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	174482	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	740926	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	315495	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	556872	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	367963	20.00	ng		-0.03
86) Perylene-d12	15.17	264	313285	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	256569	22.90	ng		-0.03
7) Phenol-d6	6.30	99	346942	24.98	ng		-0.03
23) Nitrobenzene-d5	7.23	82	200376	15.23	ng		-0.03
41) 2,4,6-Tribromophenol	10.48	330	51459	15.64	ng		-0.05
44) 2-Fluorobiphenyl	9.02	172	382744	15.26	ng		-0.03
78) Terphenyl-d14	12.75	244	247294	15.23	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	26108	3.00	ng	#	75
49) Dimethylphthalate	9.42	163	54623	2.27	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	40500	7.72	ng	#	37
56) 2,4-Dinitrotoluene	9.70	165	40500	6.05	ng	#	21
70) Phenanthrene	11.20	178	209399	6.78	ng		99
74) Fluoranthene	12.37	202	176327	5.64	ng		97
76) Benzidine	12.51	184	571	6.92	ng	#	66
77) Pyrene	12.60	202	155365	5.51	ng		97
79) Butylbenzylphthalate	13.24	149	40452	3.17	ng	#	89
80) Benzo(a)anthracene	13.79	228	58069	2.54	ng		99
87) Benzo(b)fluoranthene	14.80	252	70053	3.33	ng	#	92
88) Benzo(k)fluoranthene	14.80	252	70053	4.03	ng		97
89) Benzo(a)pyrene	15.12	252	36813	2.05	ng		97

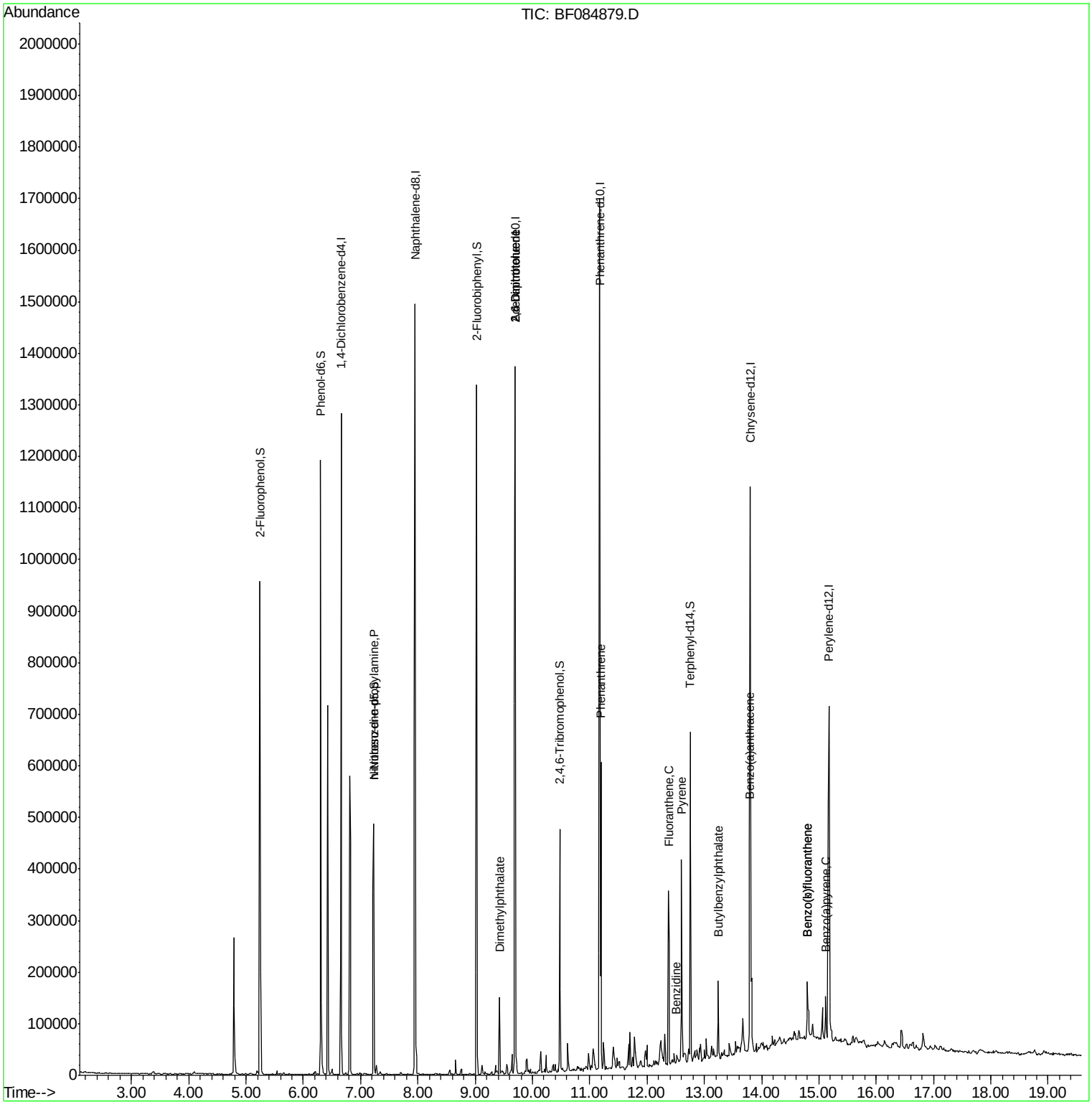
(#) = qualifier out of range (m) = manual integration (+) = signals summed

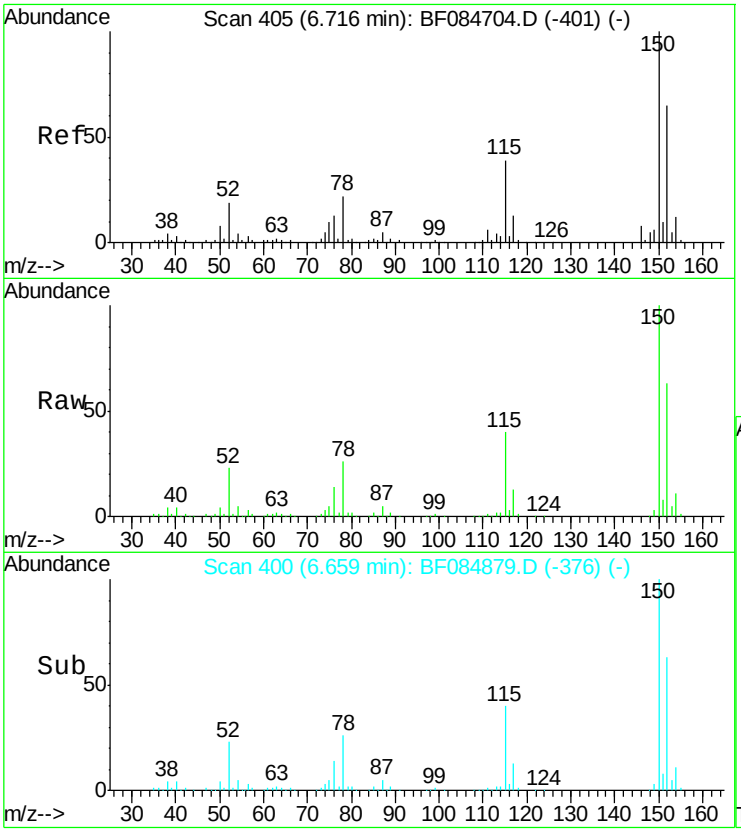
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084879.D
Acq On : 6 Feb 2016 00:14
Operator : SJ/IZ
Sample : H1311-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B018(10-11)

Quant Time: Feb 06 03:39:17 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



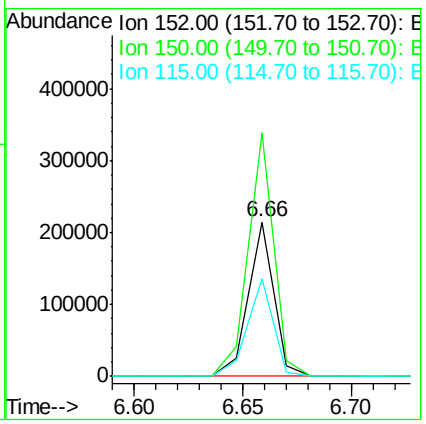


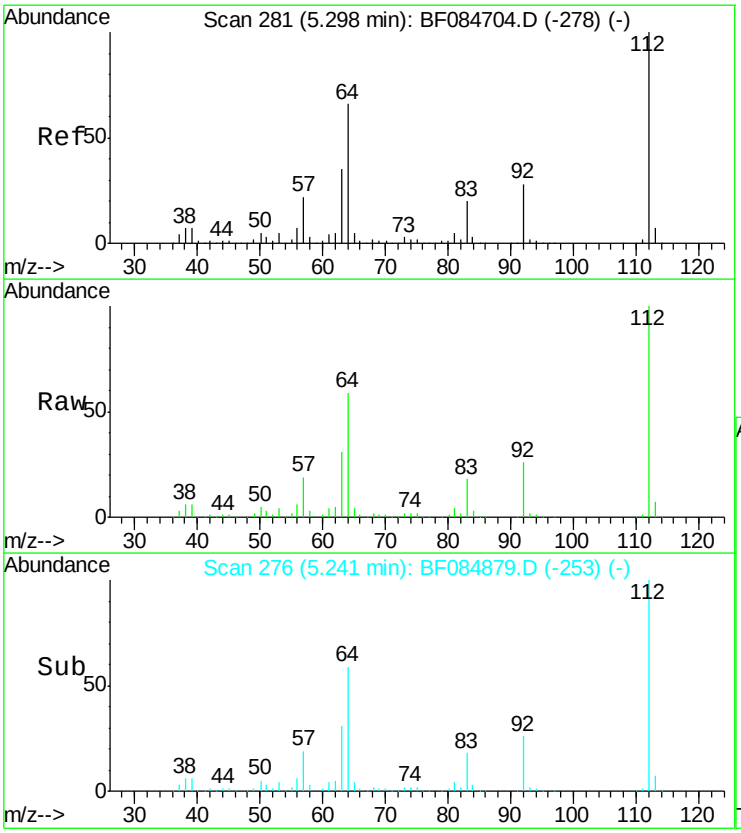
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:152 Resp: 174482

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	63.8	51.4	77.2

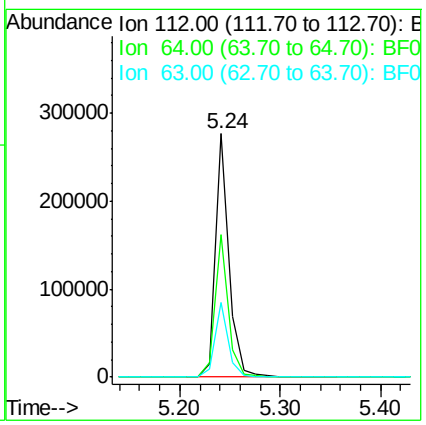


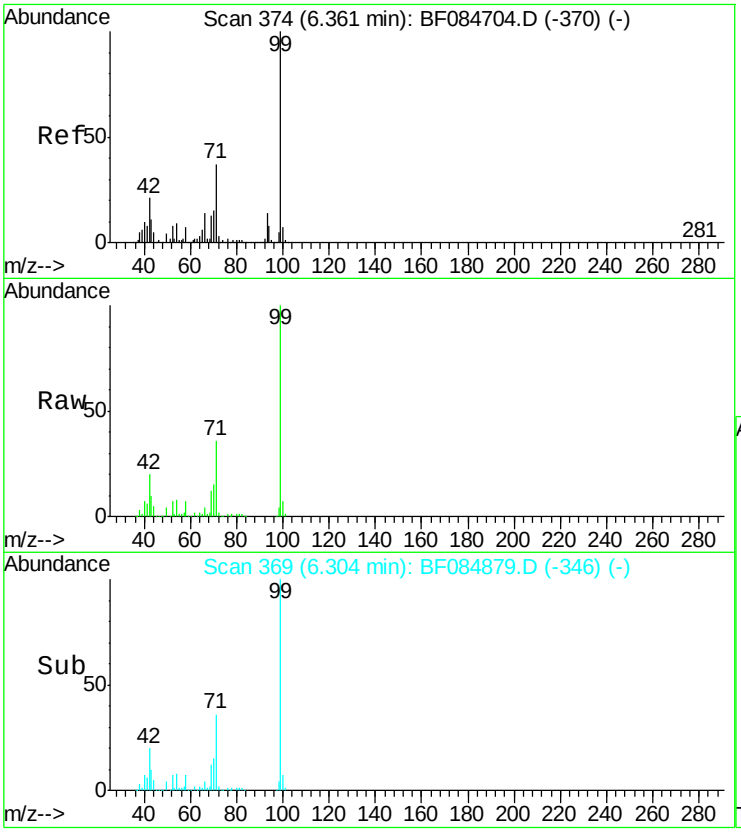


#5
2-Fluorophenol
Concen: 22.90 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:112 Resp: 256569

Ion	Ratio	Lower	Upper
112	100		
64	58.7	36.6	55.0#
63	30.7	19.4	29.0#



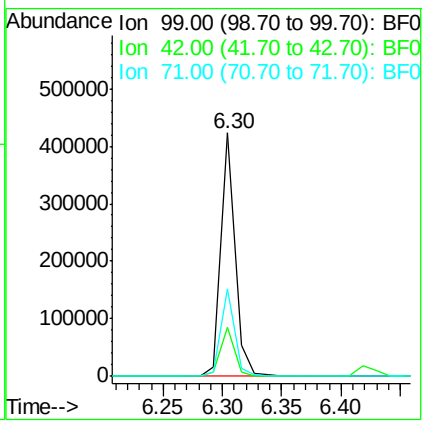


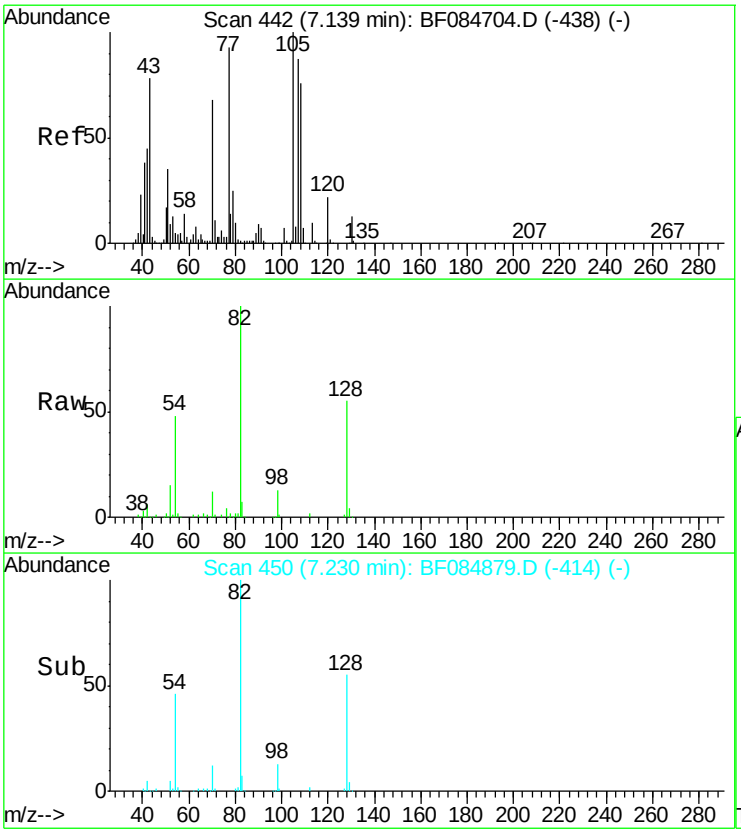
#7
Phenol-d6
Concen: 24.98 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion: 99 Resp: 346942

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	36.1	30.9	46.3

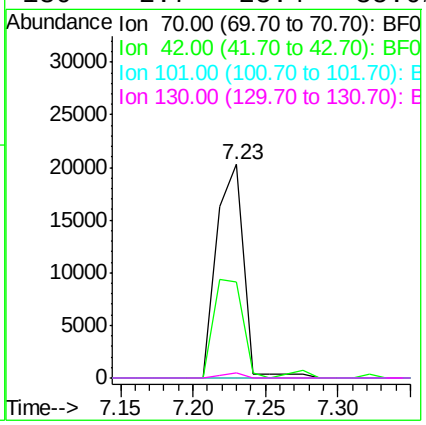


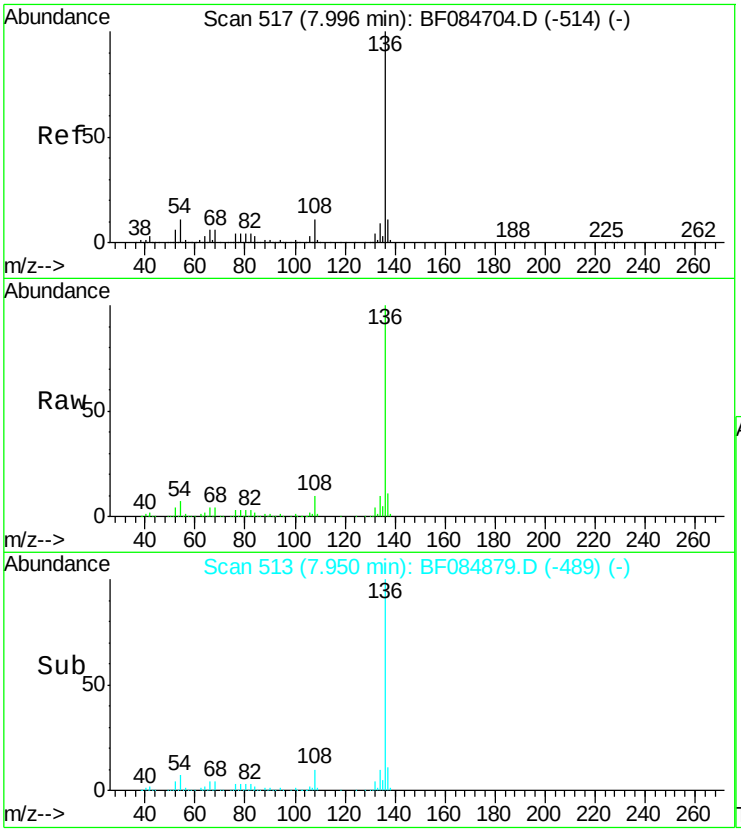


#19
n-Nitroso-di-n-propylamine
Concen: 3.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion: 70 Resp: 26108

Ion	Ratio	Lower	Upper
70	100		
42	45.0	33.3	49.9
101	0.0	9.3	13.9#
130	2.7	23.4	35.0#



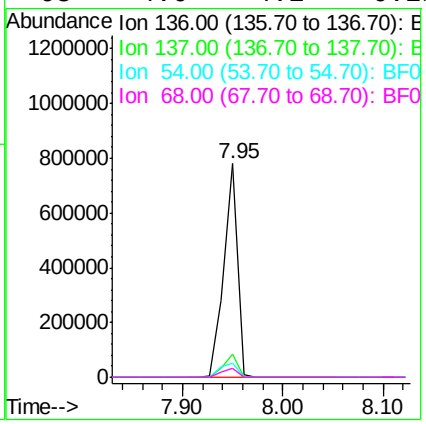


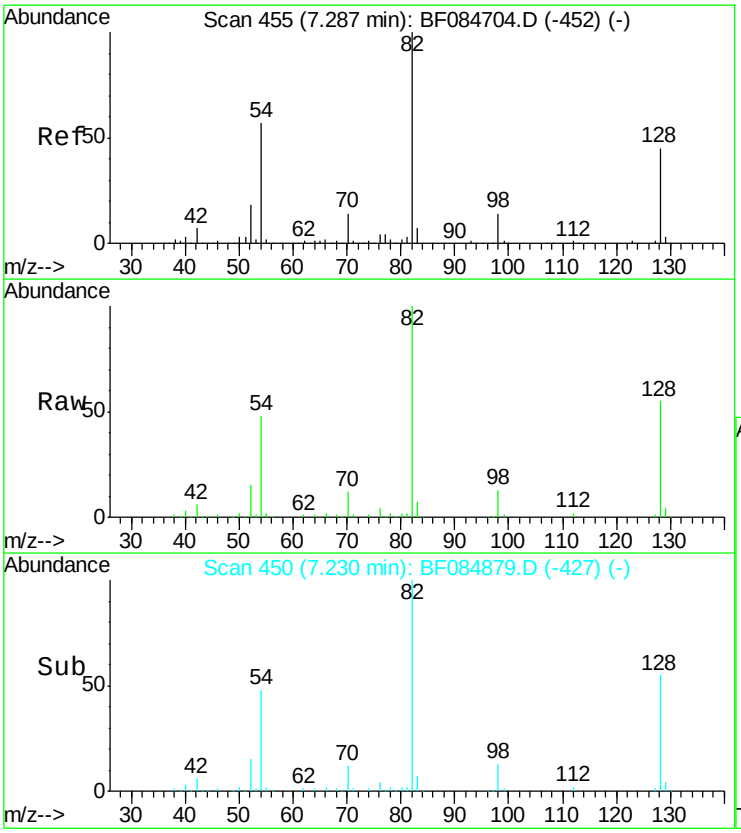
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:136 Resp: 740926

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.5	5.8	8.8
68	4.0	4.2	6.2#

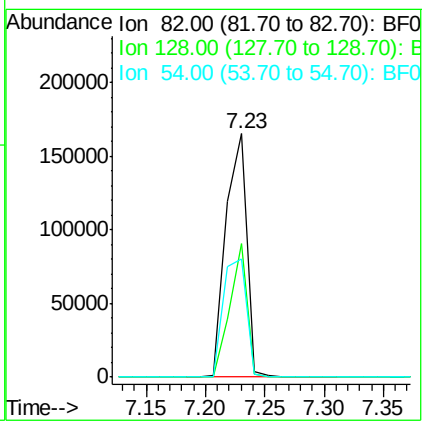


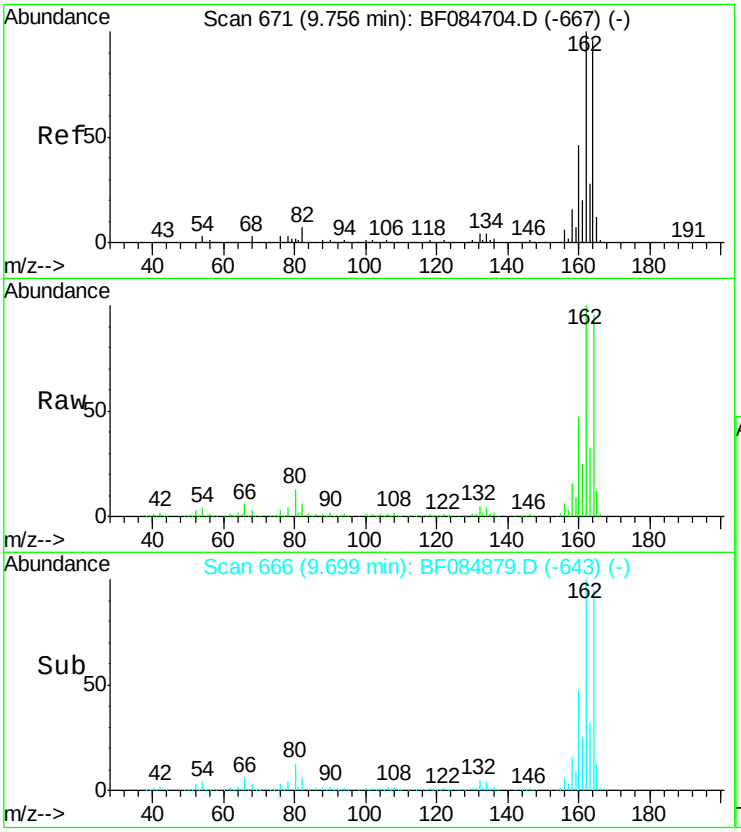


#23
Nitrobenzene-d5
Concen: 15.23 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion: 82 Resp: 200376

Ion	Ratio	Lower	Upper
82	100		
128	54.9	34.6	51.8#
54	48.4	38.4	57.6



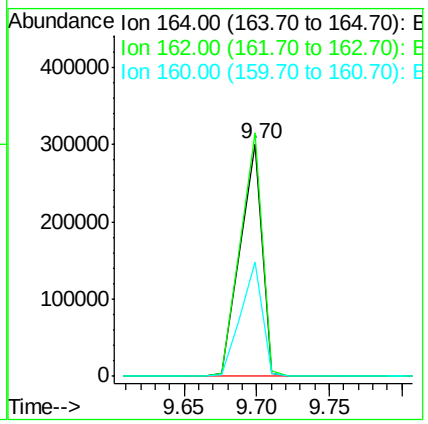


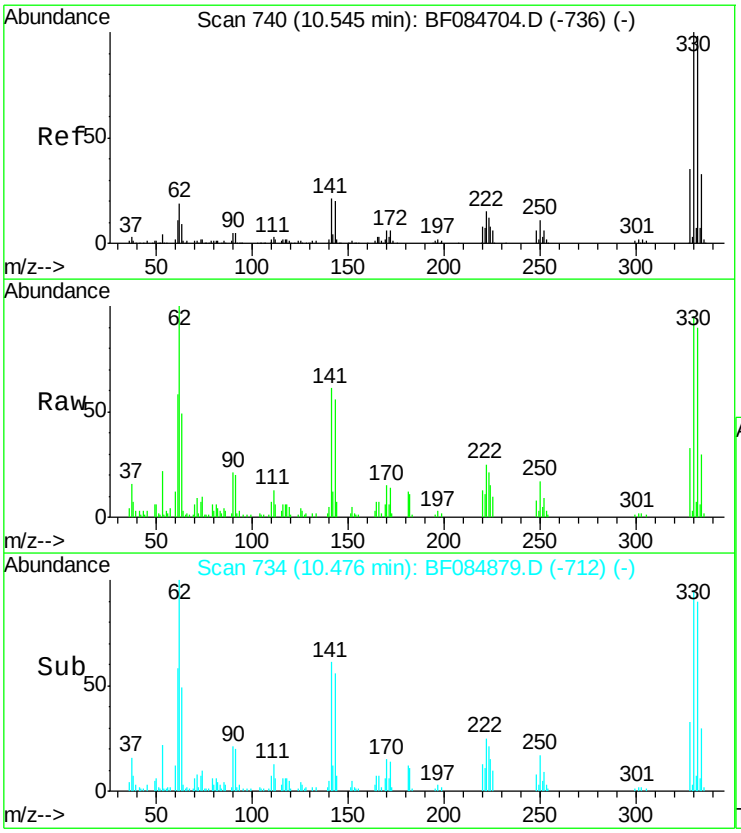
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:164 Resp: 315495

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	49.1	37.5	56.3

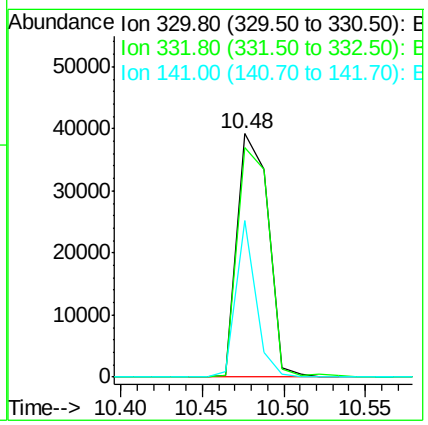


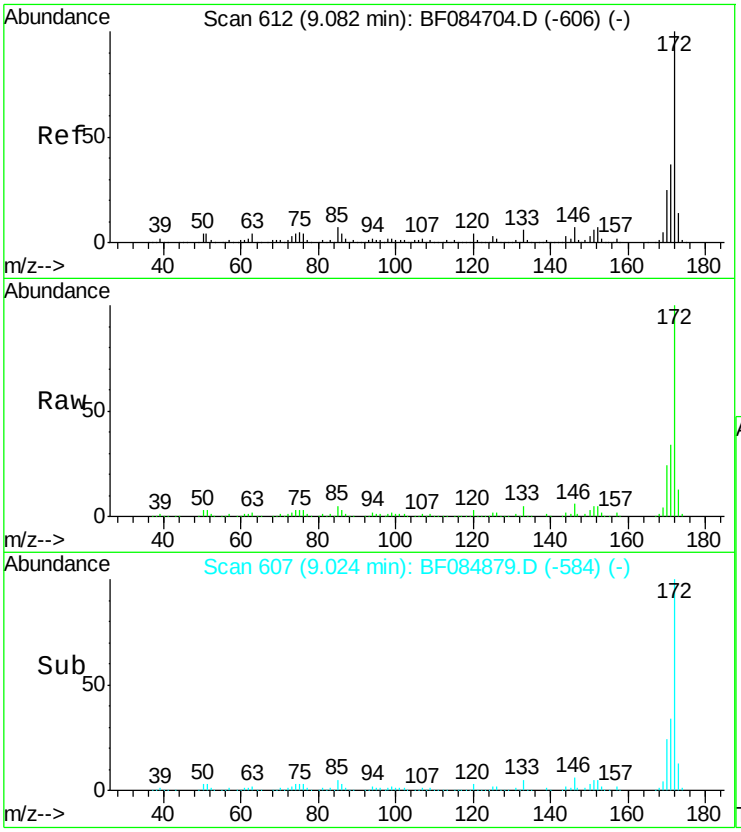


#41
2,4,6-Tribromophenol
Concen: 15.64 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:330 Resp: 51459

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	40.7	27.8	41.6



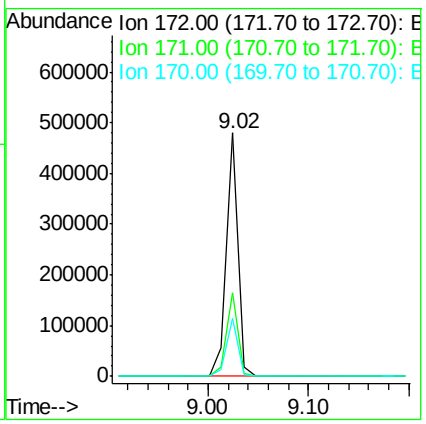


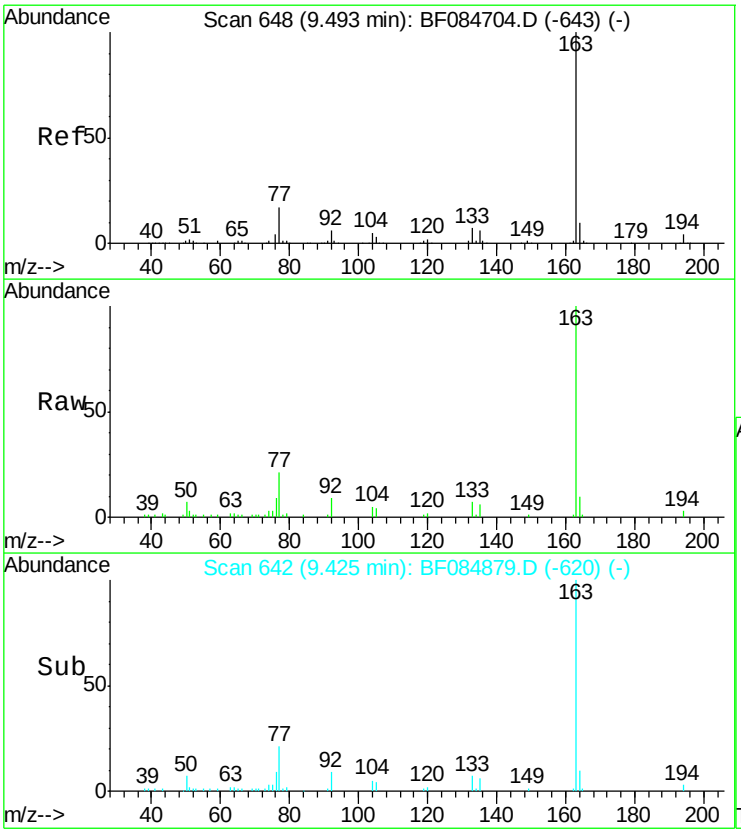
#44
2-Fluorobiphenyl
Concen: 15.26 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:172 Resp: 382744

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.9	43.3
170	23.6	18.6	27.8

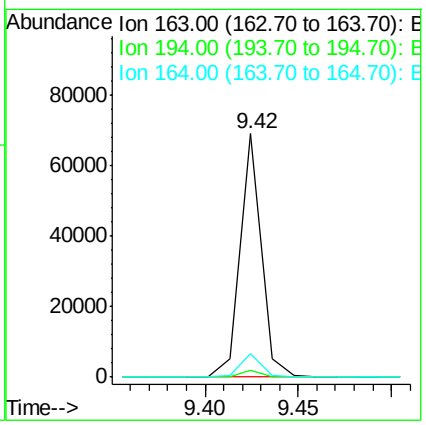


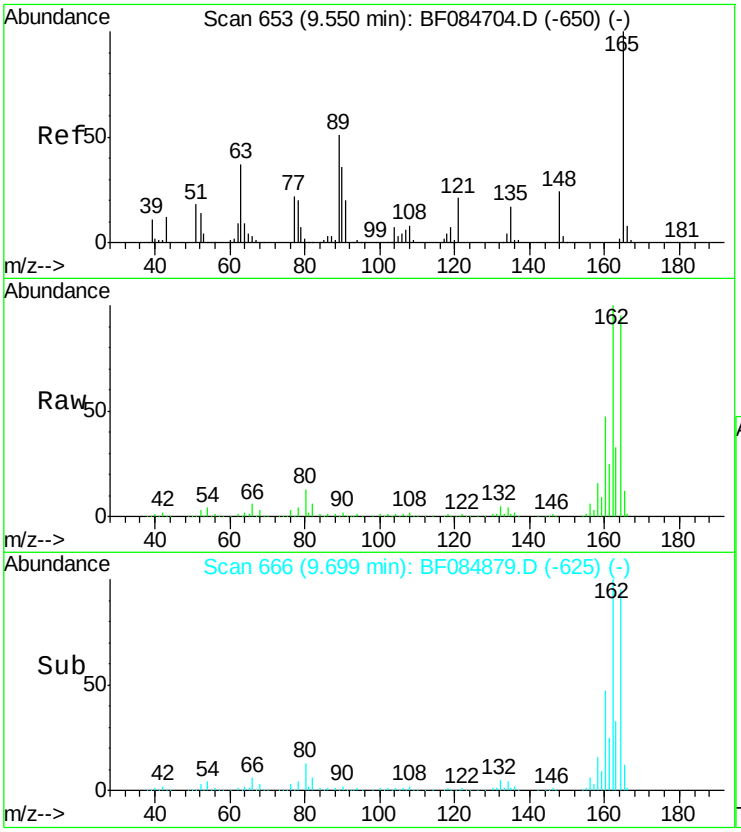


#49
Dimethylphthalate
Concen: 2.27 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:163 Resp: 54623

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	9.8	8.0	12.0



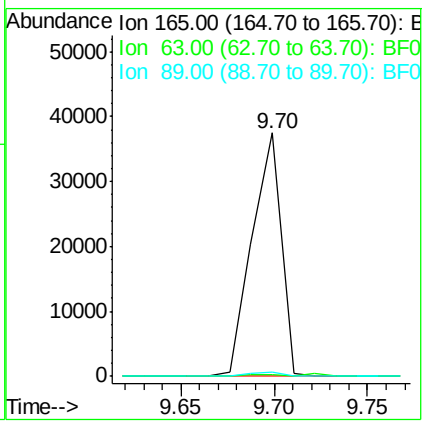


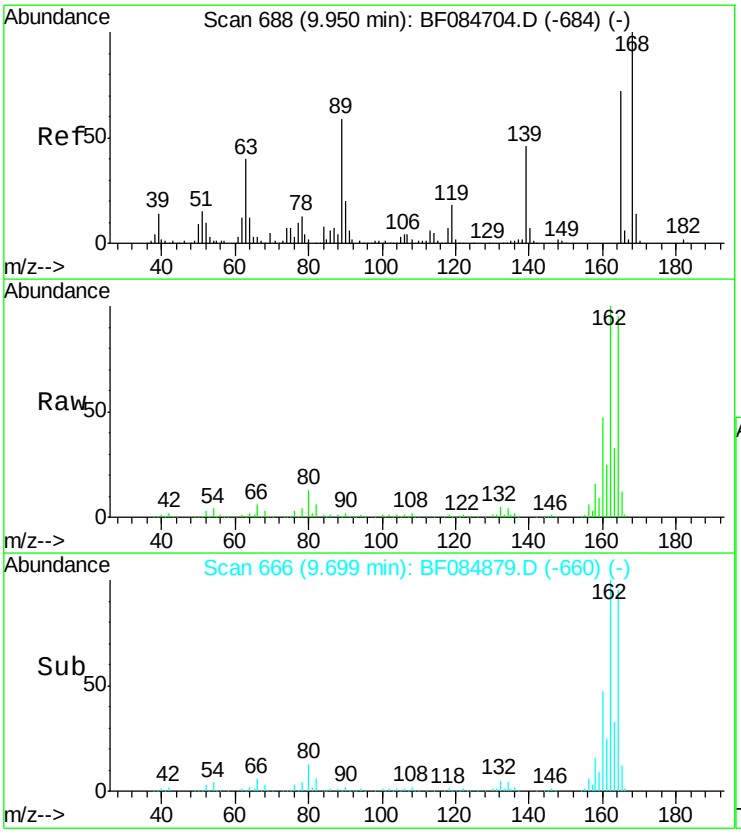
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:165 Resp: 40500

Ion	Ratio	Lower	Upper
165	100		
63	0.9	28.8	43.2#
89	1.5	35.1	52.7#

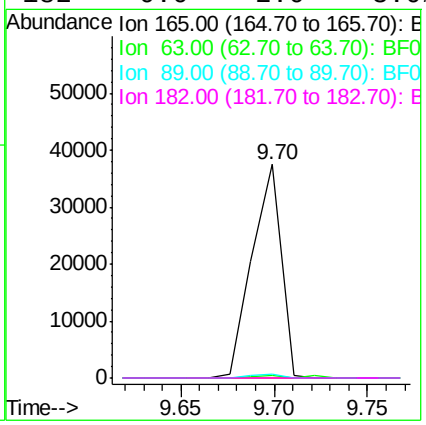


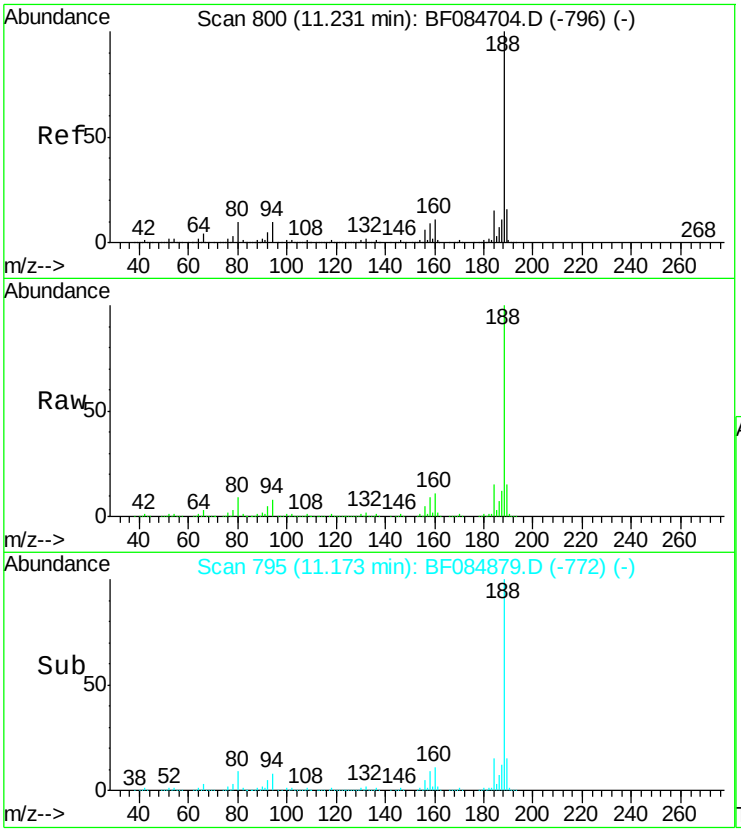


#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:165 Resp: 40500

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



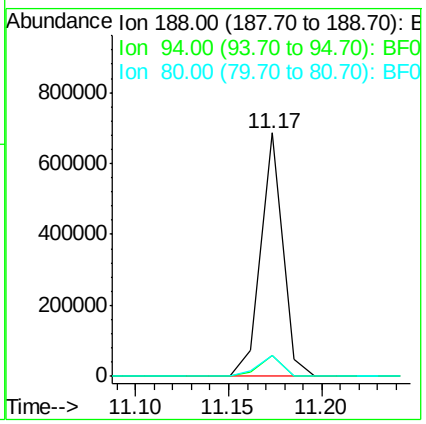


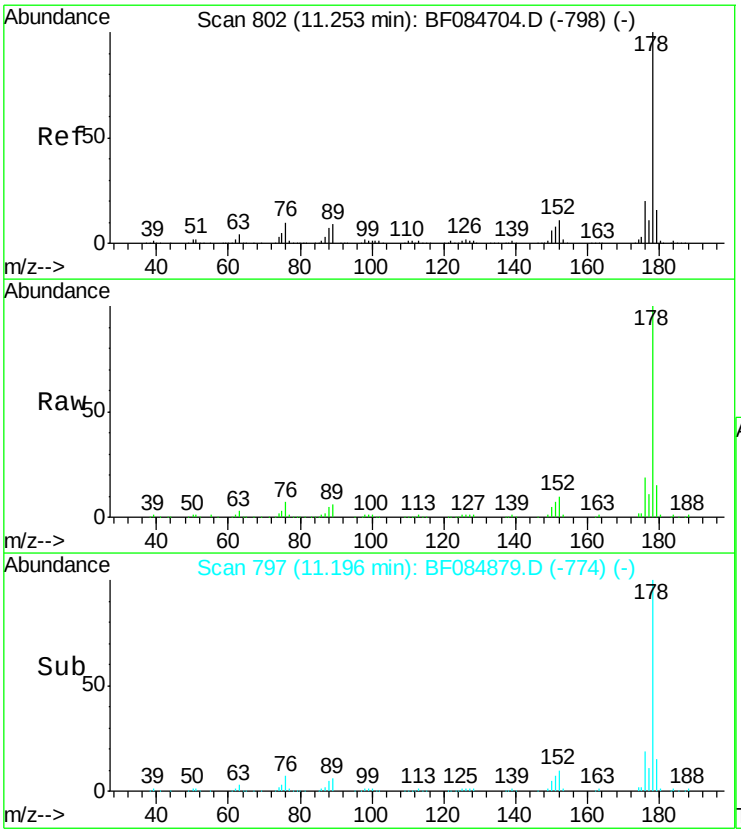
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:188 Resp: 556872

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.7	9.6	14.4#

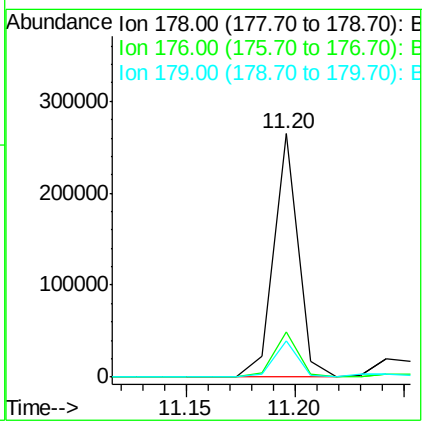


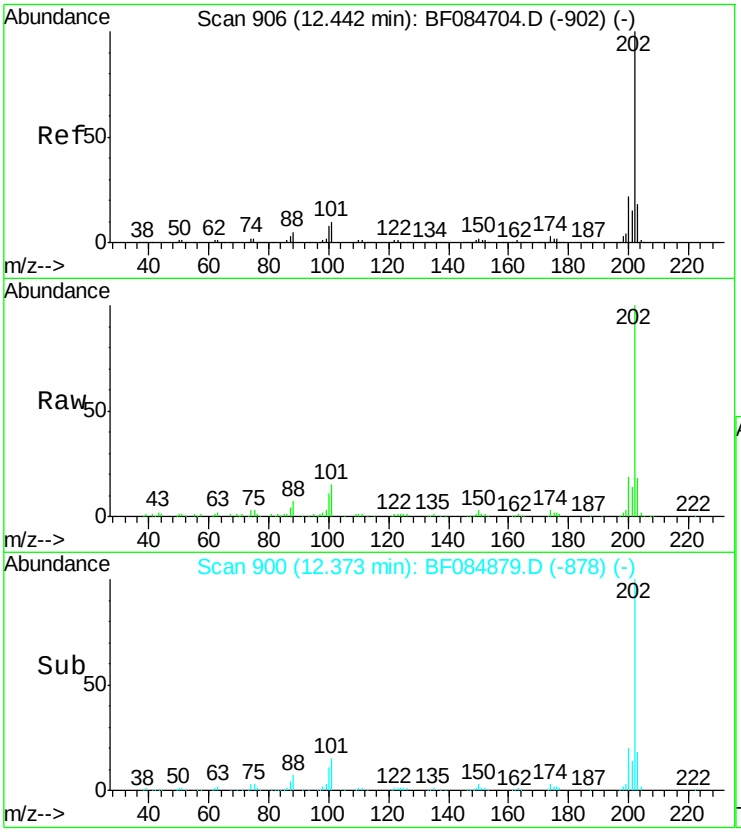


#70
Phenanthrene
Concen: 6.78 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:178 Resp: 209399

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.2	12.0	18.0



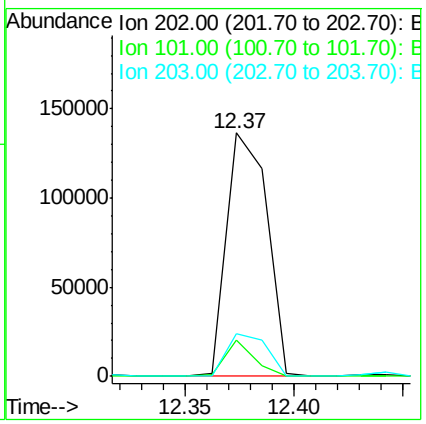


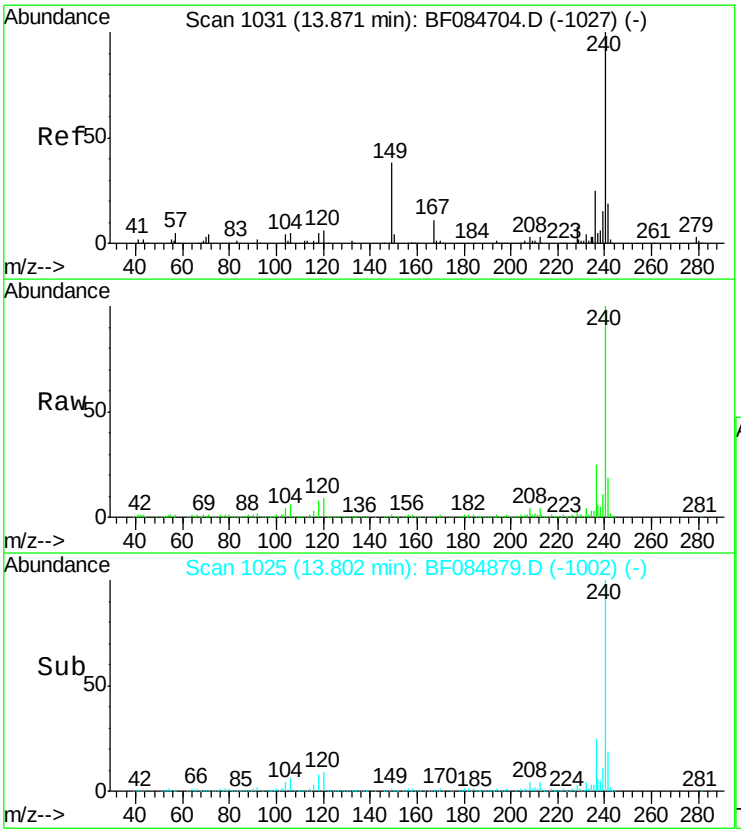
#74
Fluoranthene
Concen: 5.64 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:202 Resp: 176327

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	32.8
203	17.6	0.0	37.9

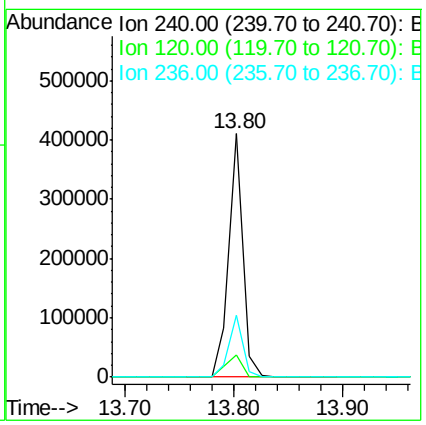


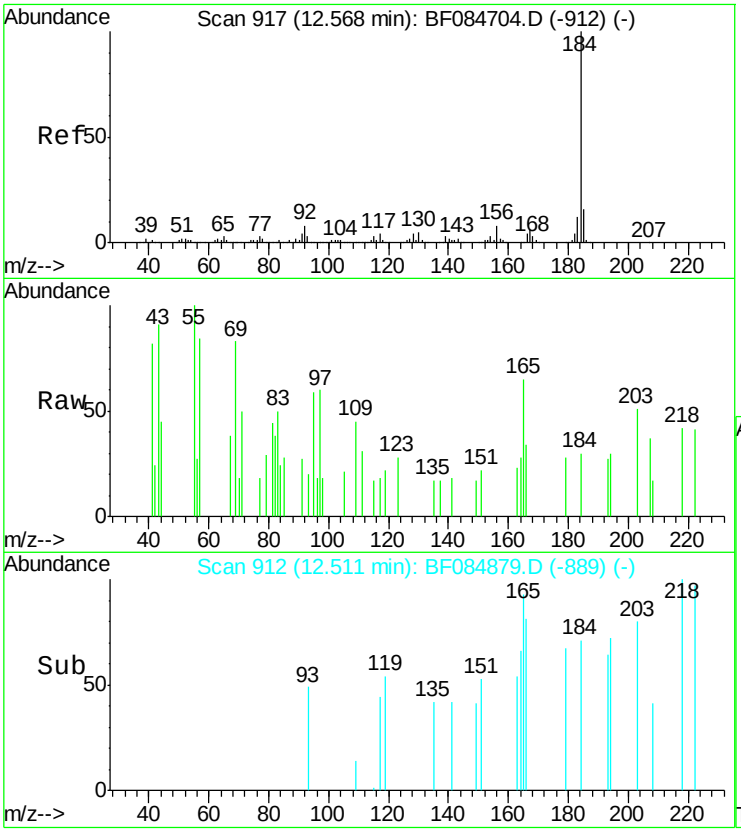


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:240 Resp: 367963

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.3	20.6	31.0



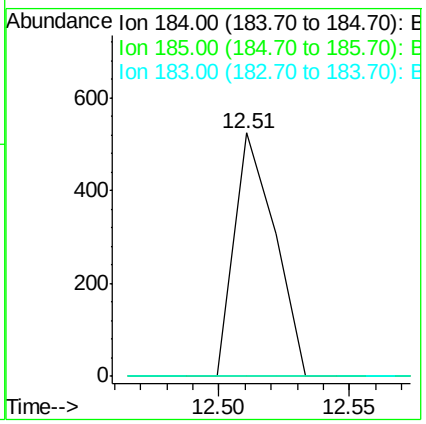


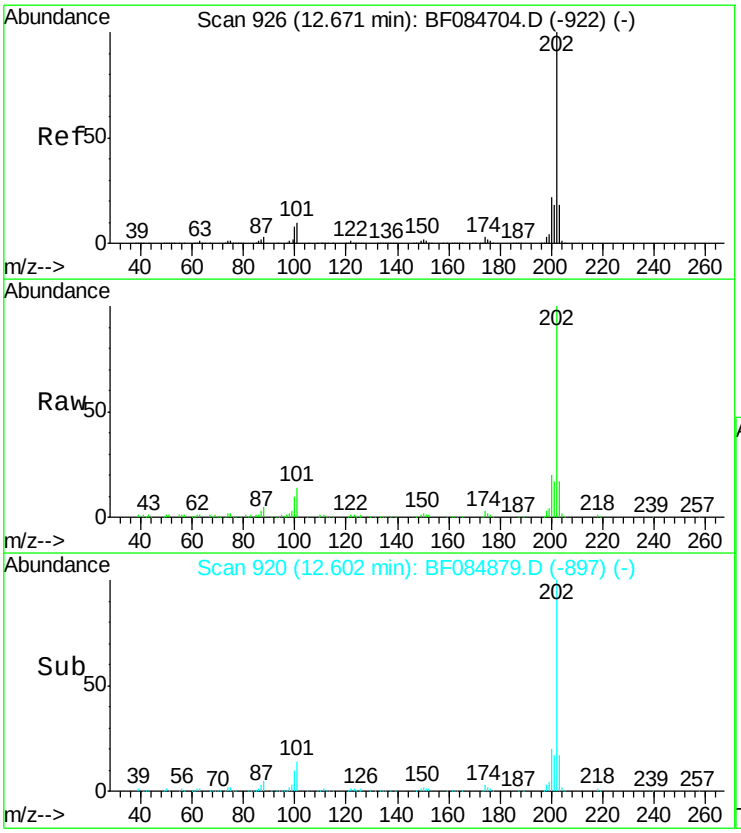
#76
Benzidine
Concen: 6.92 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:184 Resp: 571

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.2	18.2#
183	0.0	9.8	14.8#

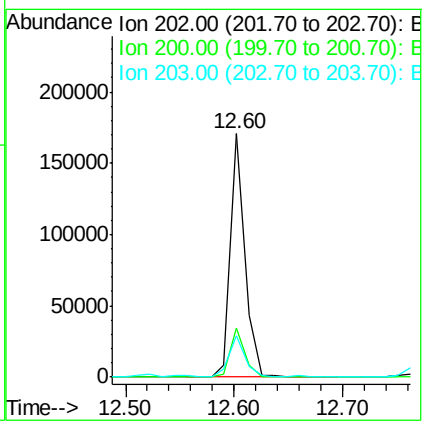


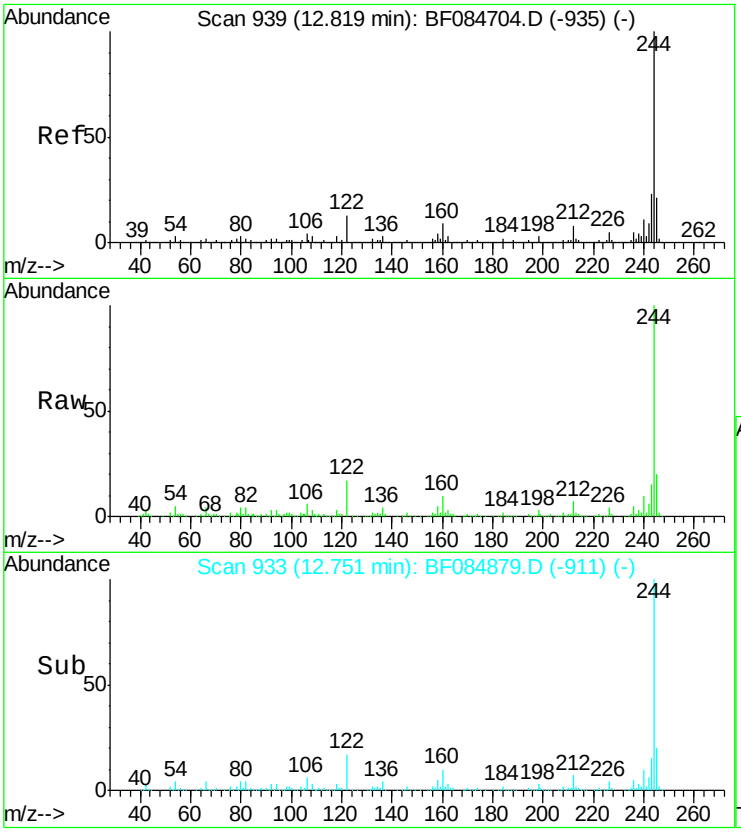


#77
Pyrene
Concen: 5.51 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:202 Resp: 155365

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.2	25.8
203	16.9	14.3	21.5



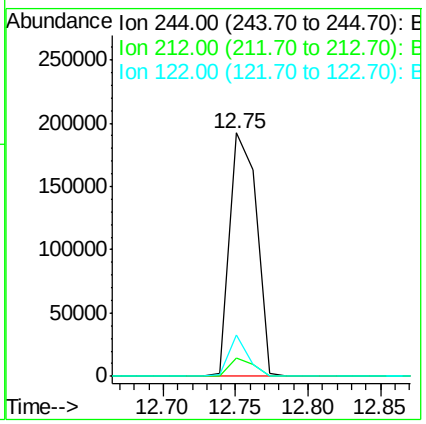


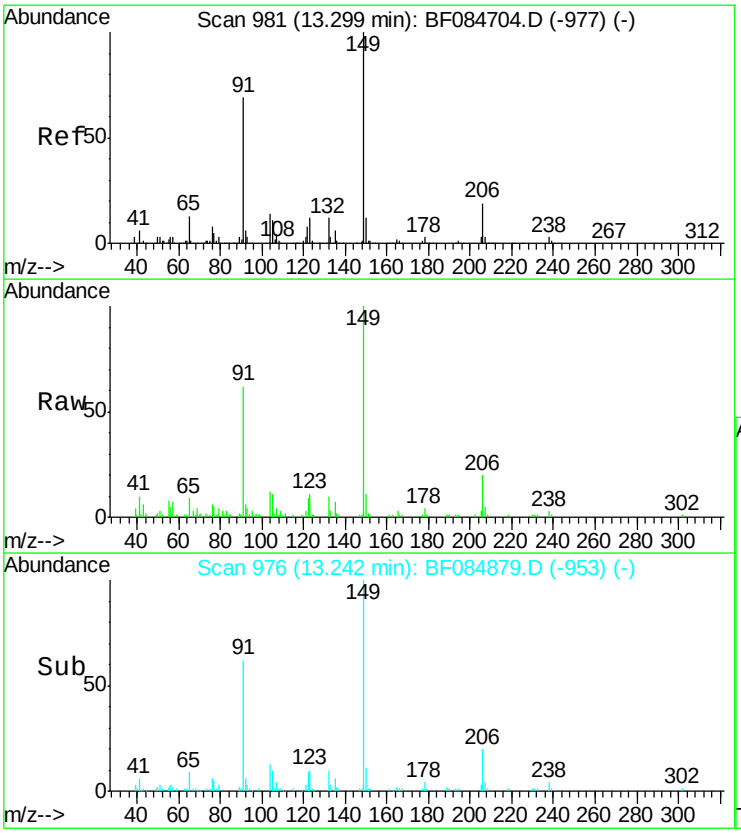
#78
Terphenyl-d14
Concen: 15.23 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:244 Resp: 247294

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	17.0	7.4	11.0#

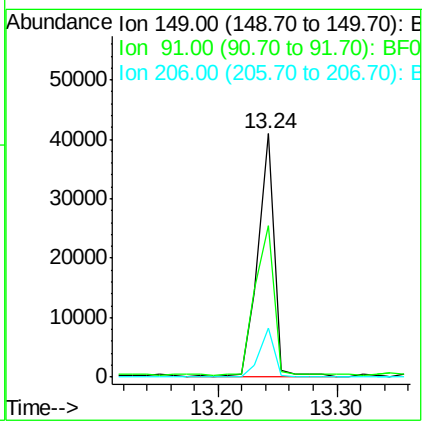


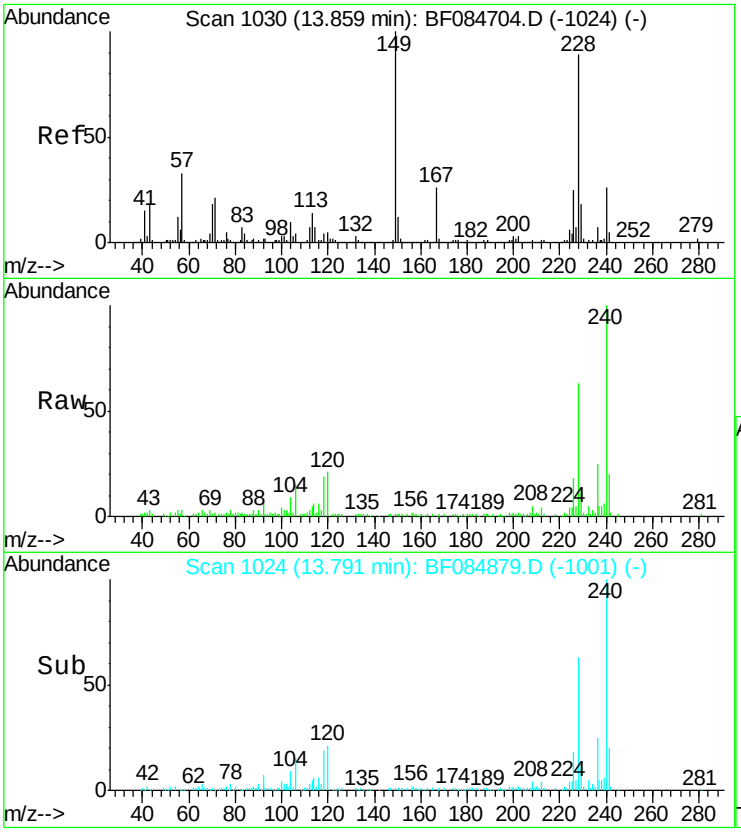


#79
Butylbenzylphthalate
Concen: 3.17 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:149 Resp: 40452

Ion	Ratio	Lower	Upper
149	100		
91	62.4	57.6	86.4
206	20.0	13.2	19.8#



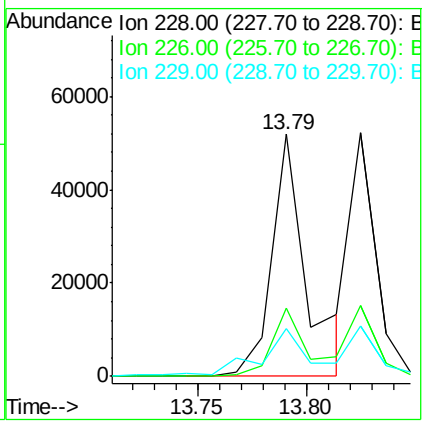


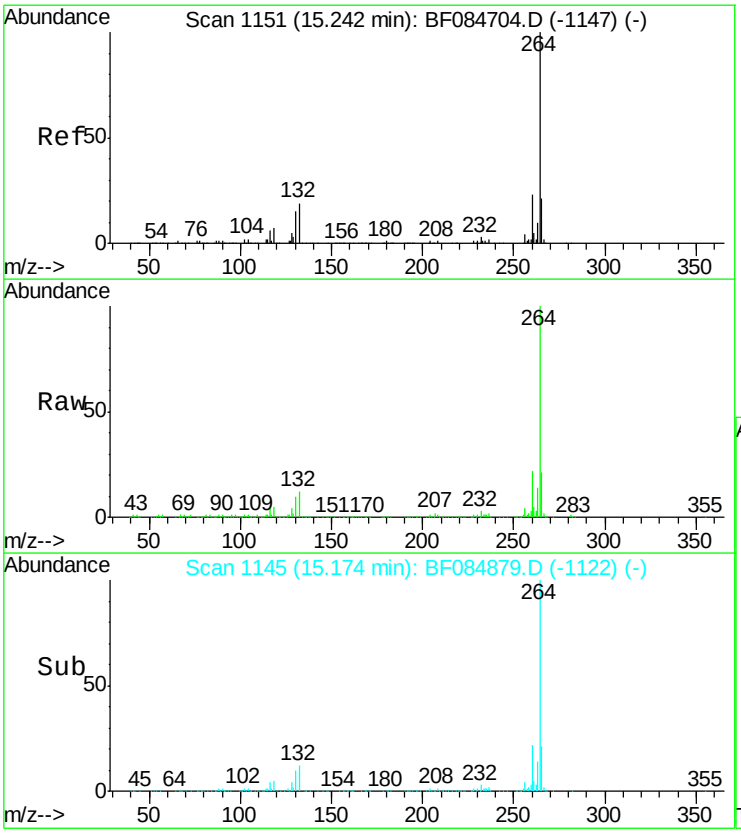
#80
Benzo(a)anthracene
Concen: 2.54 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:228 Resp: 58069

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	19.6	15.8	23.8

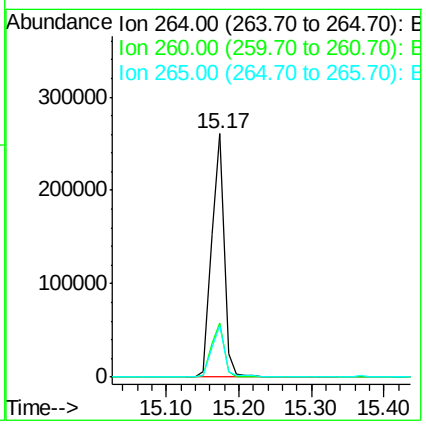


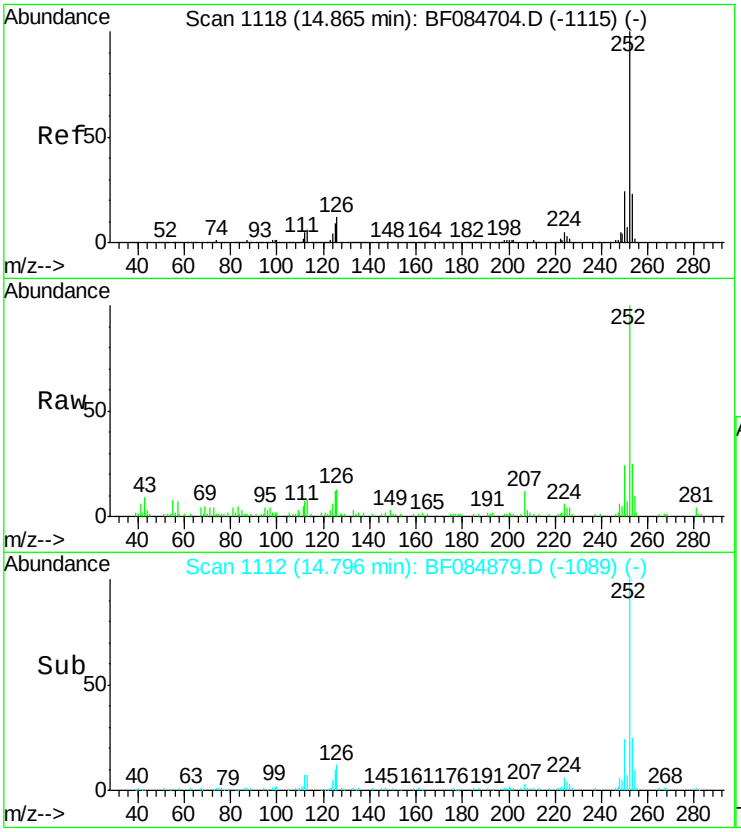


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:264 Resp: 313285

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.4	29.2
265	21.0	17.8	26.6



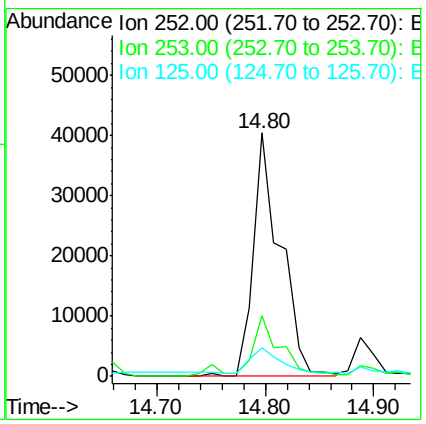


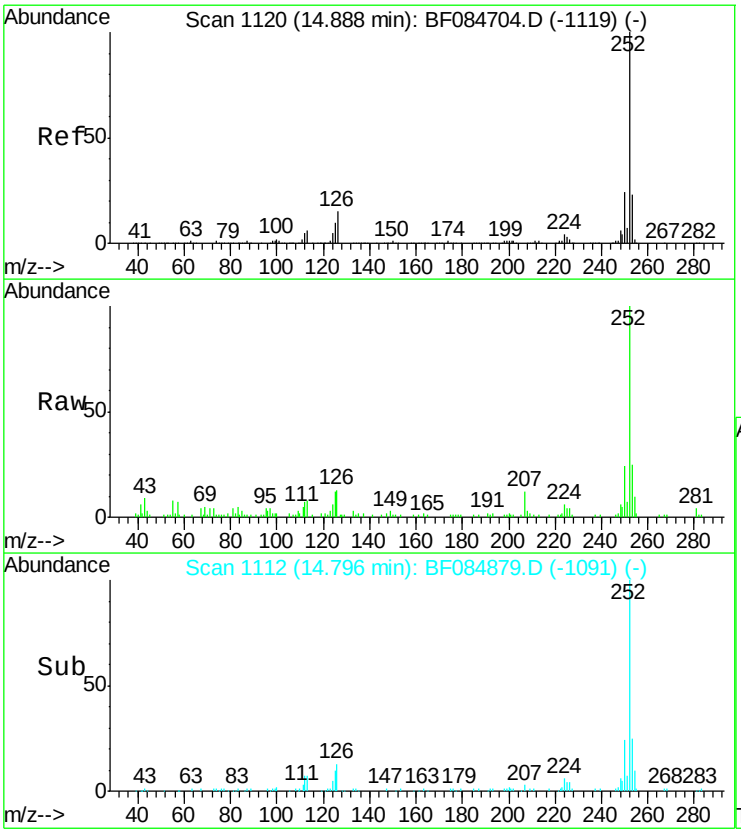
#87
Benzo(b)fluoranthene
Concen: 3.33 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:252 Resp: 70053

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	11.6	6.5	9.7#

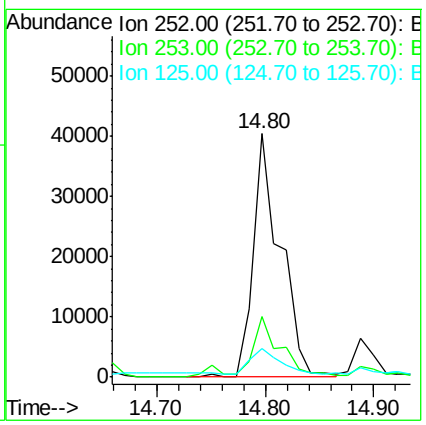


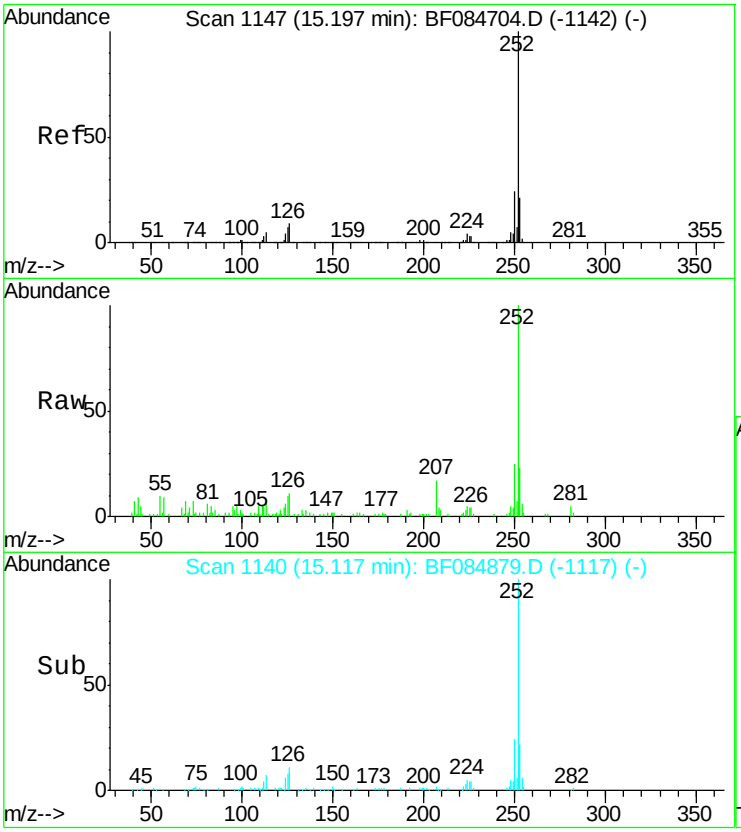


#88
Benzo(k)fluoranthene
Concen: 4.03 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Tgt Ion:252 Resp: 70053

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	11.6	9.0	13.6





#89
Benzo(a)pyrene
Concen: 2.05 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084879.D
Acq: 6 Feb 2016 00:14

Instrument :
BNA_F
ClientSampleId :
SUP-B018(10-11)

Tgt Ion:252 Resp: 36813

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	9.7	7.0	10.4