Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084888.D
Acq On : 6 Feb 2016 4:22
Operator : SJ/IZ
Sample : H1329-04 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B006(10-12)

Quant Time: Feb 07 23:55:28 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	160858	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	664475	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	277378	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	460536	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	327262	20.00	ng		-0.03
86) Perylene-d12	15.17	264	337750	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	231857	22.45	ng		-0.03
7) Phenol-d6	6.30	99	318065	24.84	ng		-0.03
23) Nitrobenzene-d5	7.23	82	175378	14.87	ng		-0.03
41) 2,4,6-Tribromophenol	10.48	330	50050	17.30	ng		-0.05
44) 2-Fluorobiphenyl	9.02	172	318961	14.37	ng		-0.03
78) Terphenyl-d14	12.76	244	175175	12.13	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	22503	2.80	ng	#	77
50) 2,6-Dinitrotoluene	9.70	165	35310	7.65	ng	#	37
56) 2,4-Dinitrotoluene	9.70	165	35310	6.00	ng	#	21
70) Phenanthrene	11.20	178	155332	6.08	ng		98
74) Fluoranthene	12.38	202	162574	6.29	ng		91
76) Benzidine	12.58	184	206	6.90	ng	#	1
77) Pyrene	12.60	202	150109	5.99	ng		99
80) Benzo(a)anthracene	13.79	228	87653	4.32	ng		97
82) Chrysene	13.82	228	55905	2.84	ng		96
85) Indeno(1,2,3-cd)pyrene	16.44	276	43674	2.82	ng		97
87) Benzo(b)fluoranthene	14.80	252	116692	5.14	ng	#	94
88) Benzo(k)fluoranthene	14.80	252	116692	6.22	ng		98
89) Benzo(a)pyrene	15.12	252	67797	3.51	ng	#	94
91) Benzo(g,h,i)perylene	16.82	276	44935	2.74	ng		97

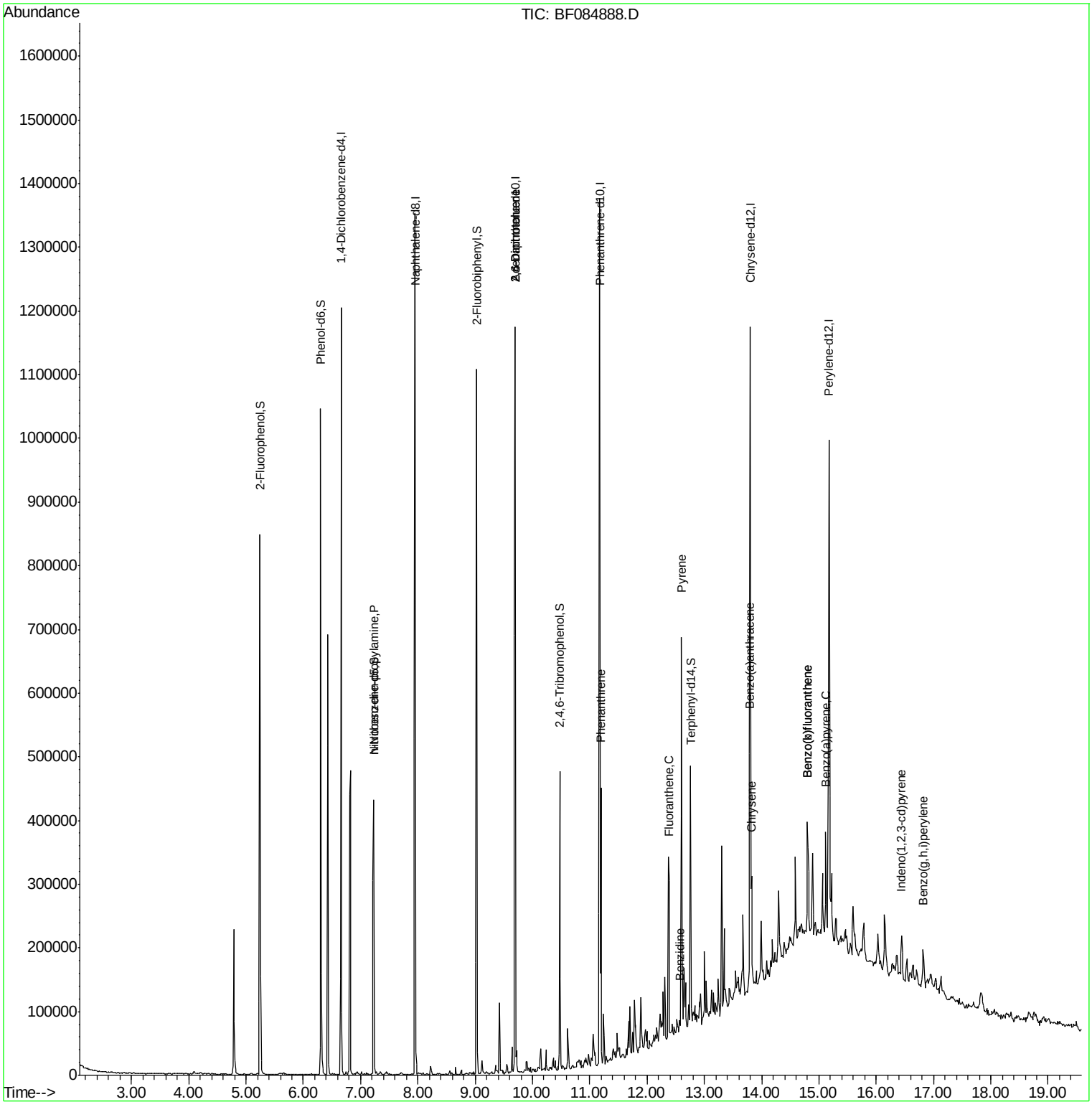
(#) = qualifier out of range (m) = manual integration (+) = signals summed

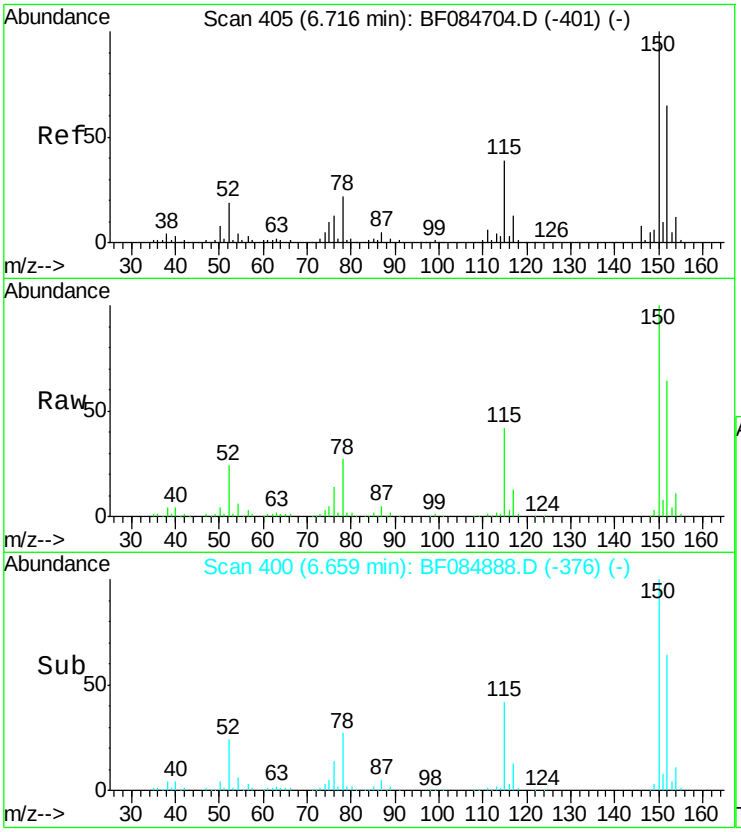
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084888.D
Acq On : 6 Feb 2016 4:22
Operator : SJ/IZ
Sample : H1329-04 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Quant Time: Feb 07 23:55:28 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



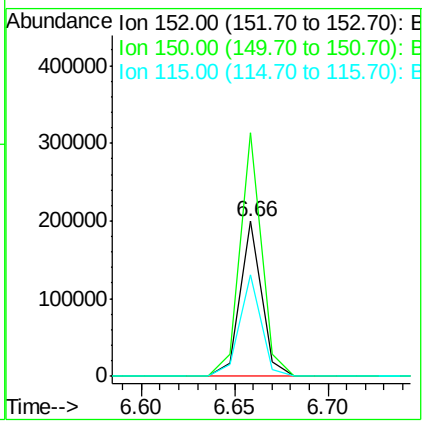


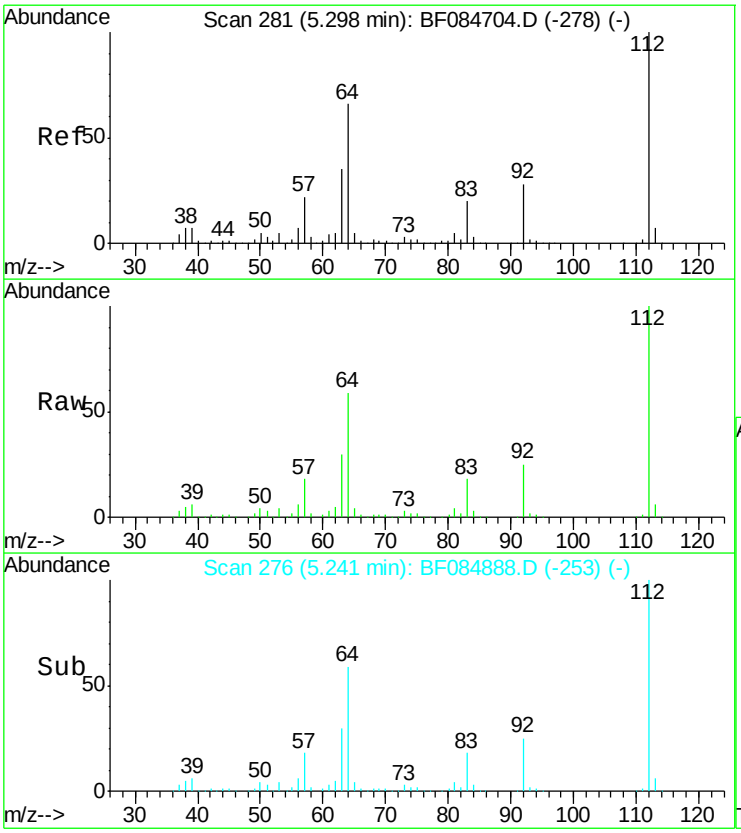
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:152 Resp: 160858

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	65.7	51.4	77.2

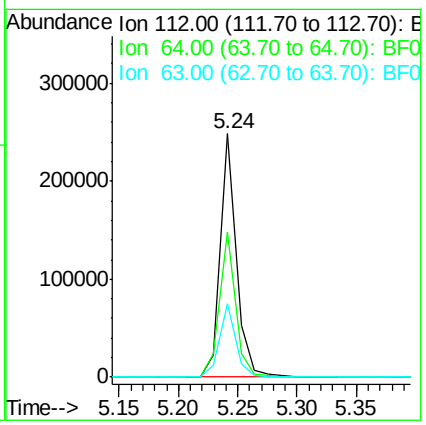


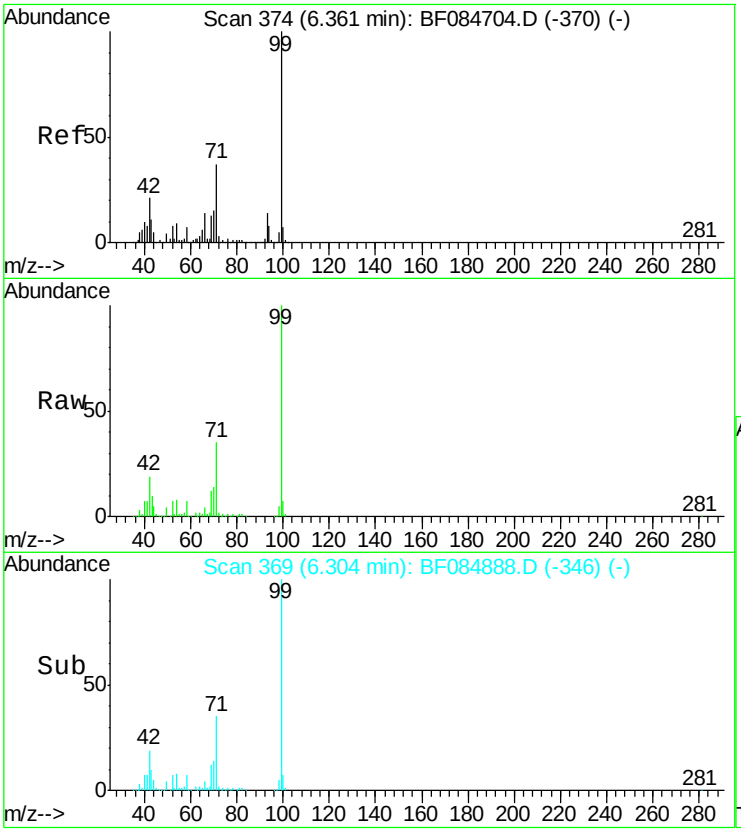


#5
2-Fluorophenol
Concen: 22.45 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:112 Resp: 231857

Ion	Ratio	Lower	Upper
112	100		
64	59.4	36.6	55.0#
63	29.9	19.4	29.0#



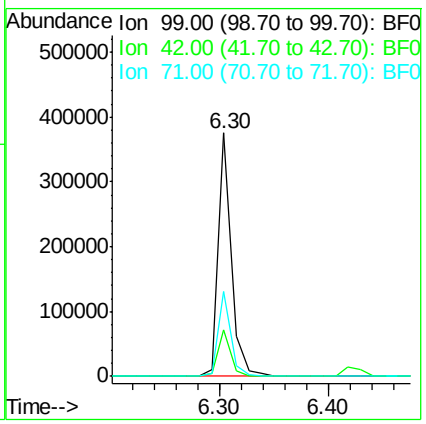


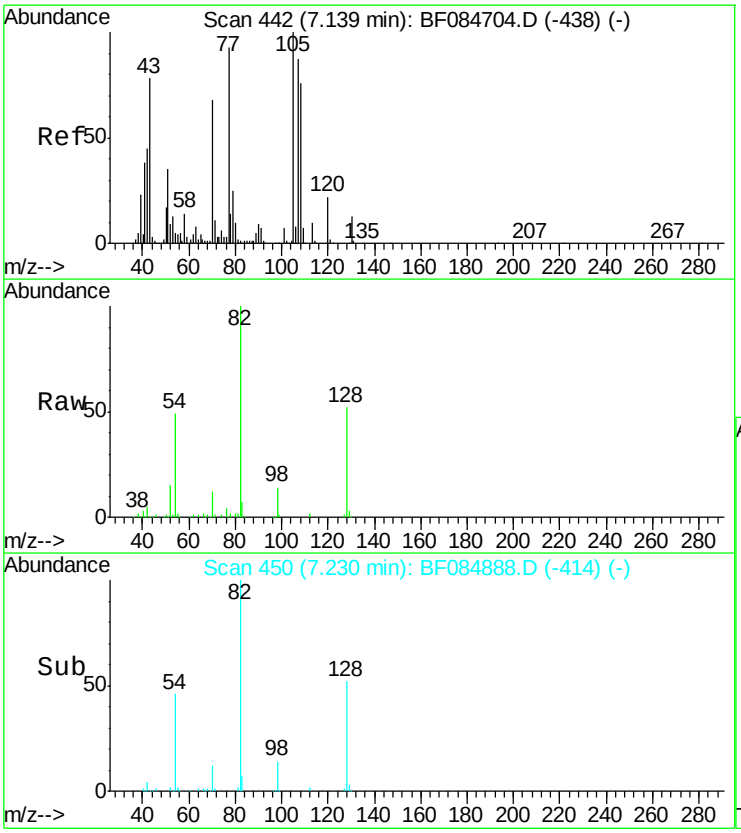
#7
Phenol-d6
Concen: 24.84 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion: 99 Resp: 318065

Ion	Ratio	Lower	Upper
99	100		
42	18.9	12.8	19.2
71	35.0	30.9	46.3

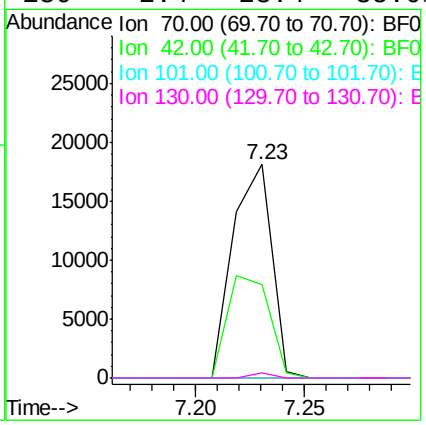


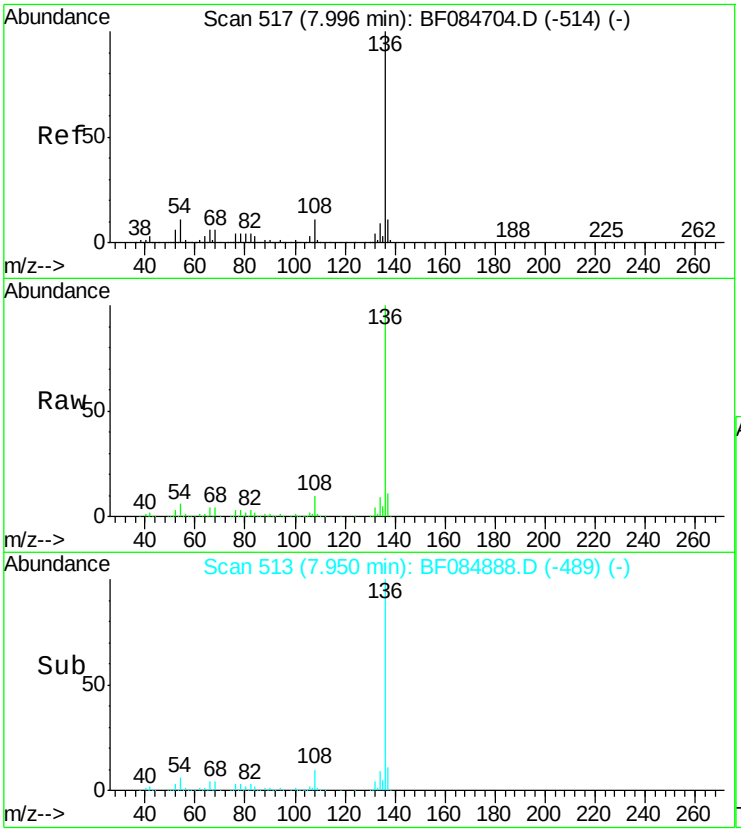


#19
n-Nitroso-di-n-propylamine
Concen: 2.80 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion: 70 Resp: 22503

Ion	Ratio	Lower	Upper
70	100		
42	43.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.4	23.4	35.0#



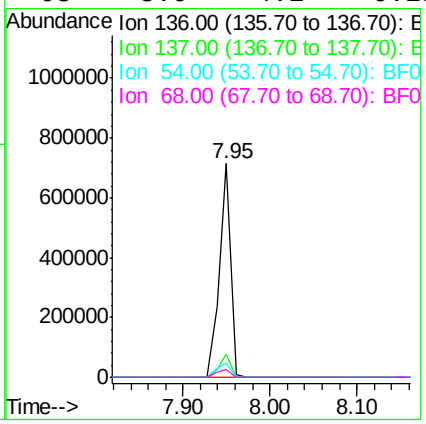


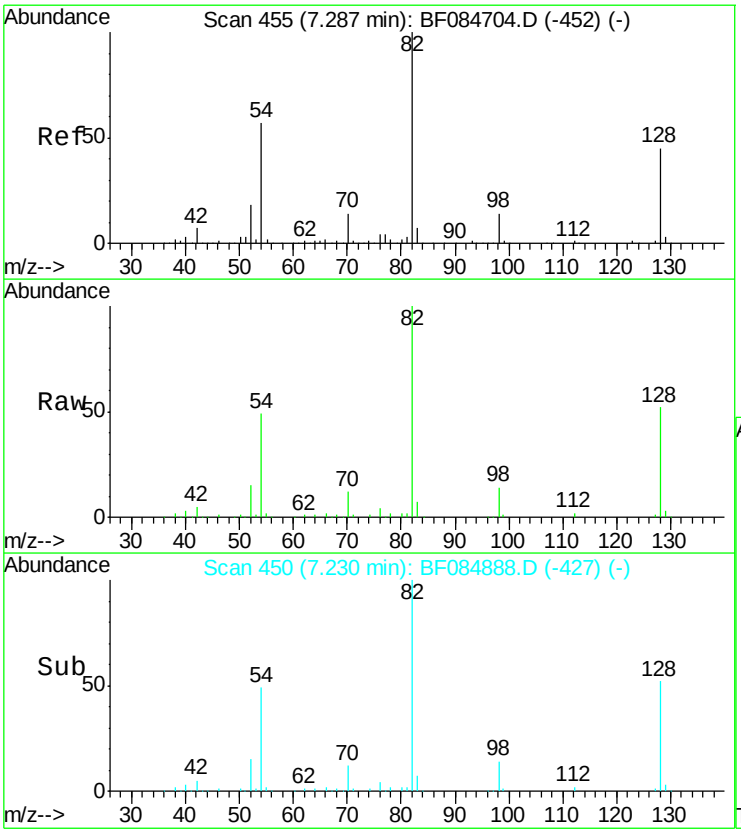
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:136 Resp: 664475

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.5	5.8	8.8
68	3.9	4.2	6.2#

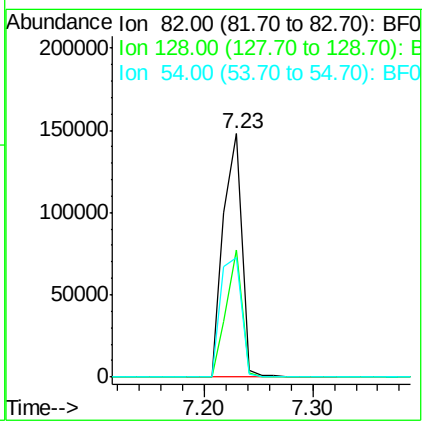


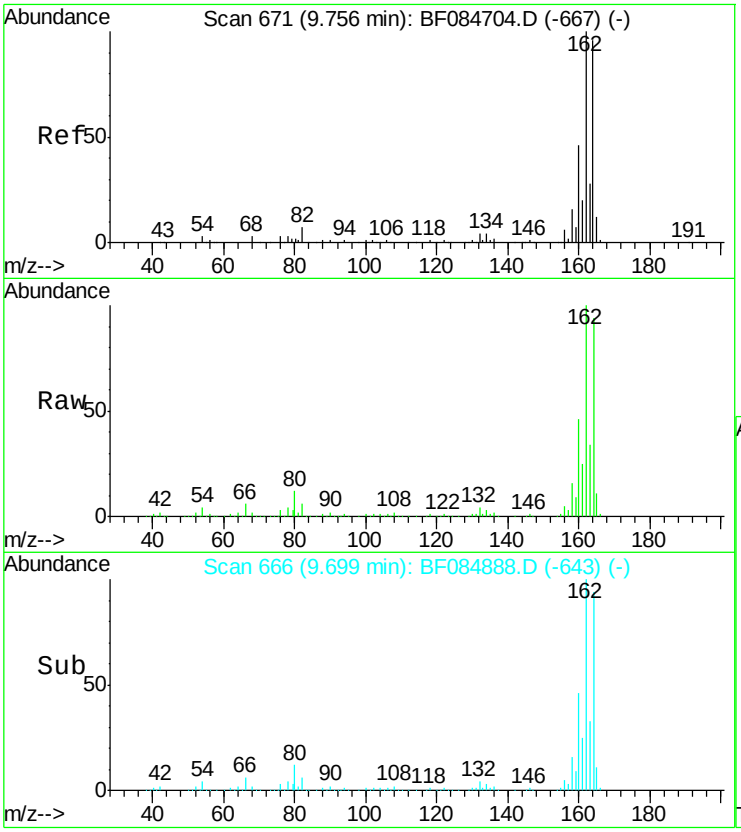


#23
Nitrobenzene-d5
Concen: 14.87 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion: 82 Resp: 175378

Ion	Ratio	Lower	Upper
82	100		
128	52.2	34.6	51.8#
54	49.1	38.4	57.6



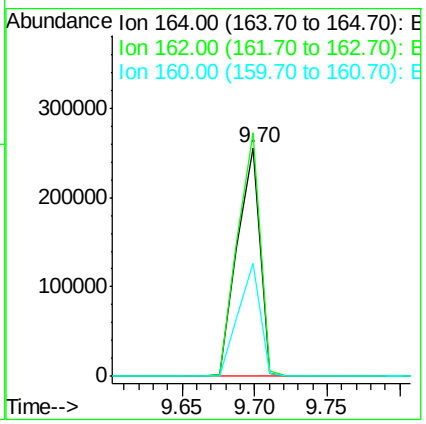


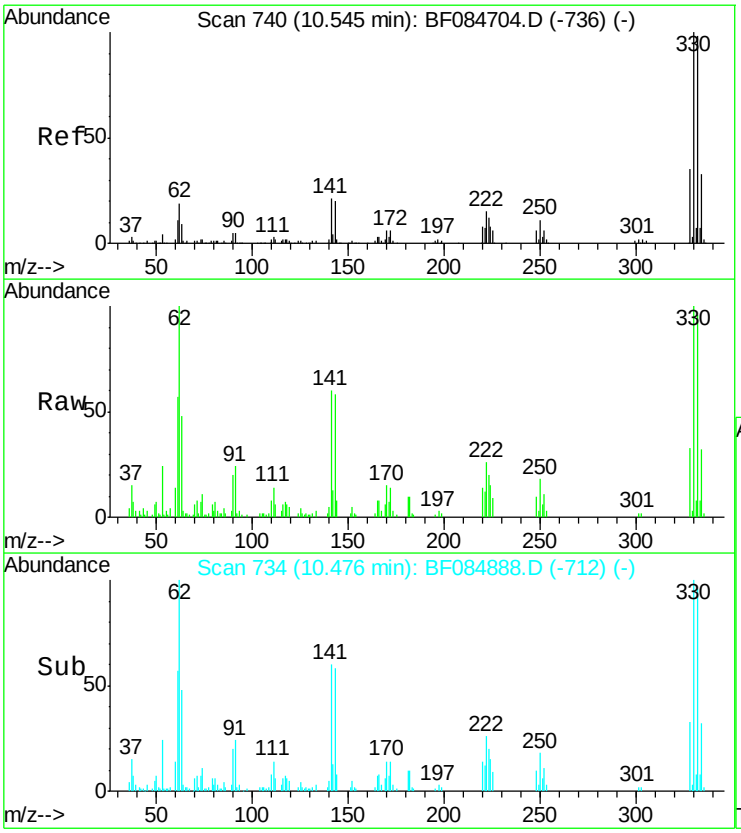
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:164 Resp: 277378

Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.1	127.7
160	49.4	37.5	56.3

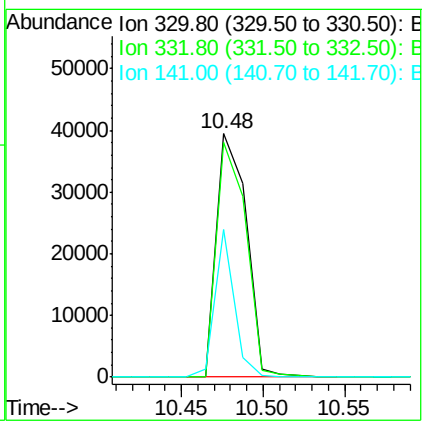


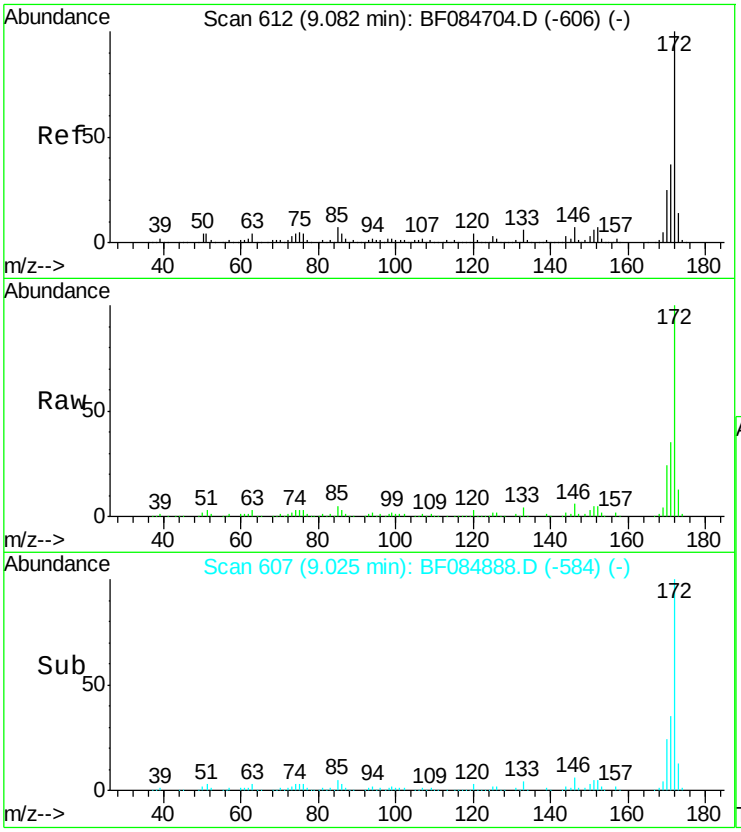


#41
2,4,6-Tribromophenol
Concen: 17.30 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:330 Resp: 50050

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	39.3	27.8	41.6



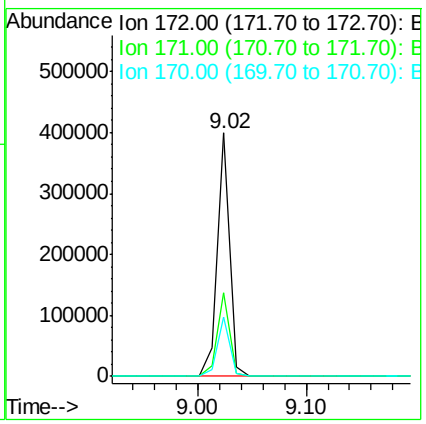


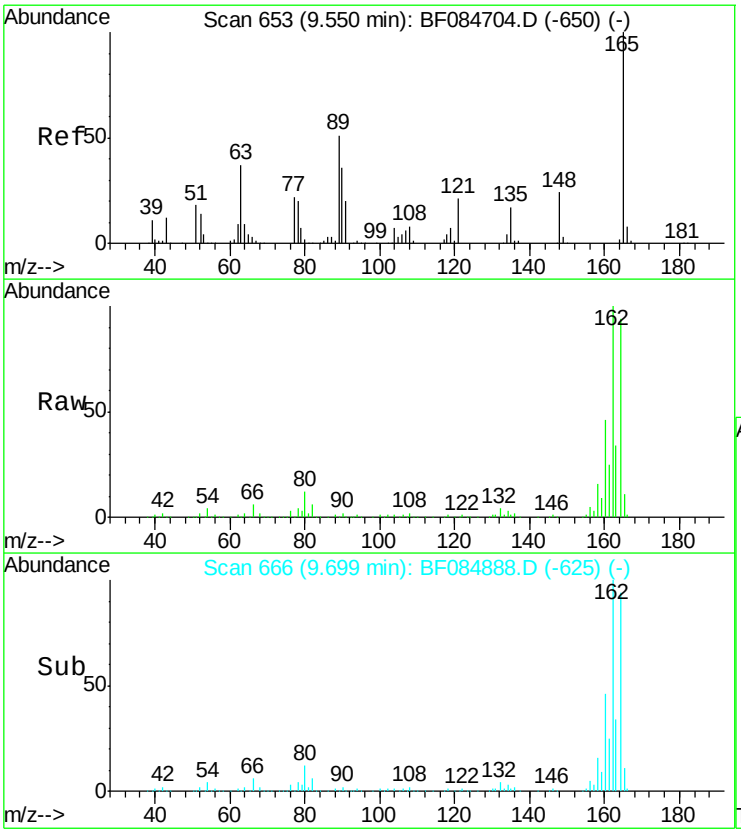
#44
2-Fluorobiphenyl
Concen: 14.37 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:172 Resp: 318961

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	24.1	18.6	27.8

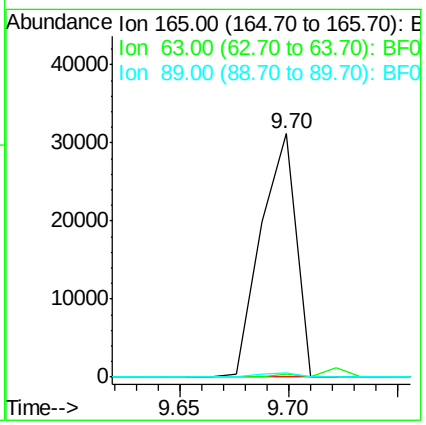


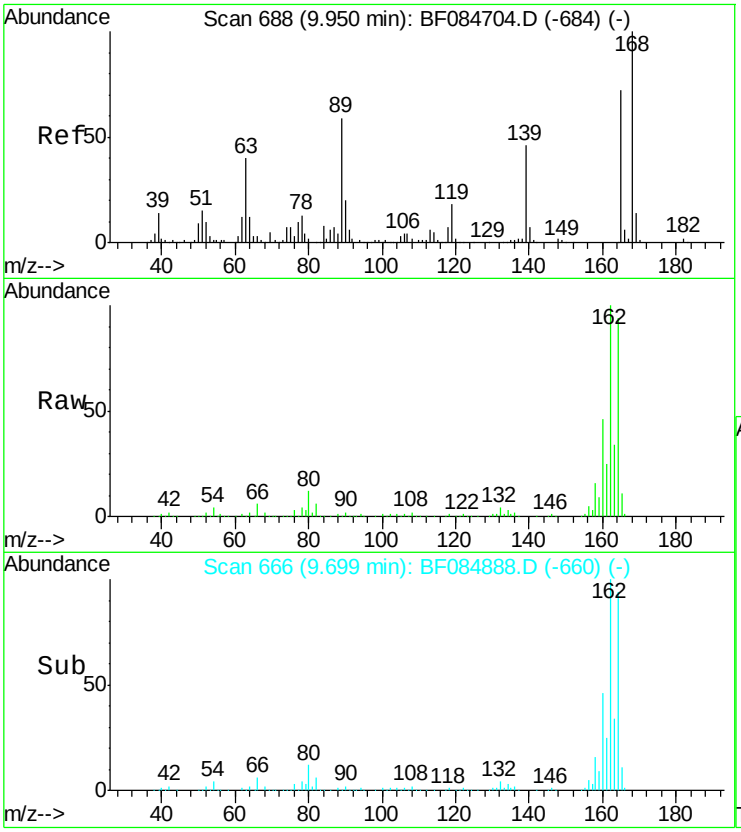


#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:165 Resp: 35310

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.6	35.1	52.7#



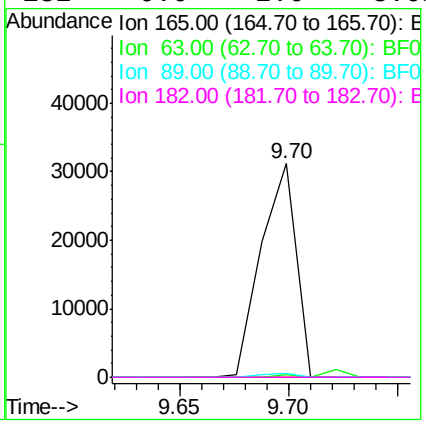


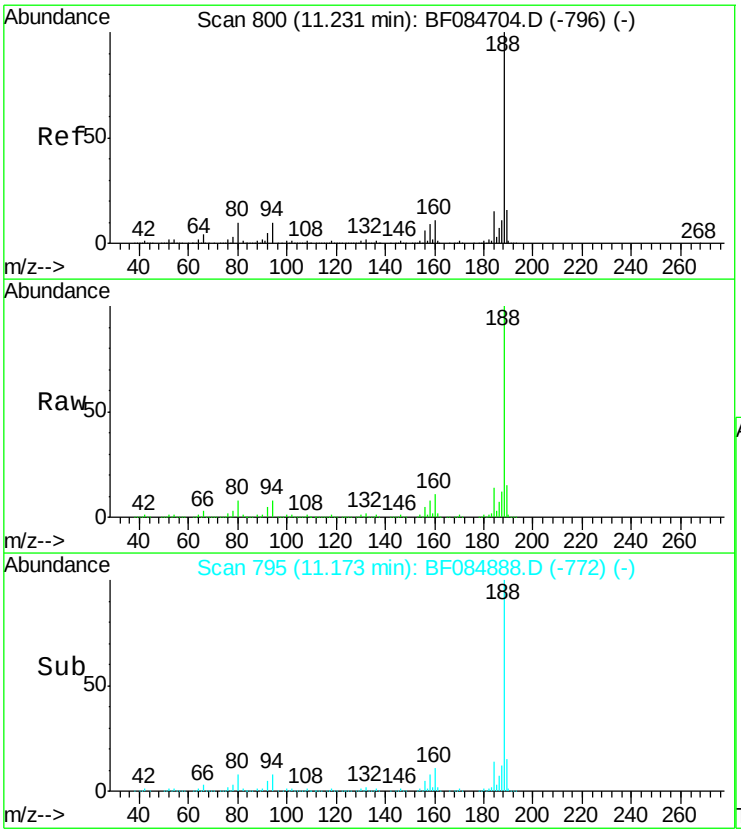
#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:165 Resp: 35310

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#

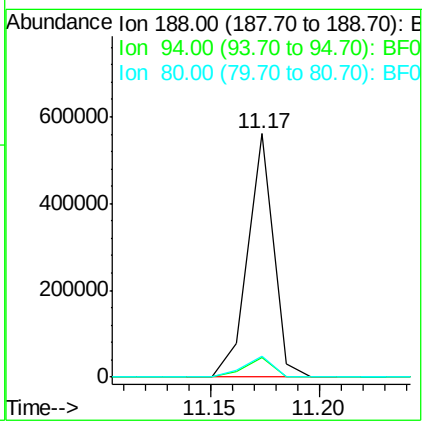


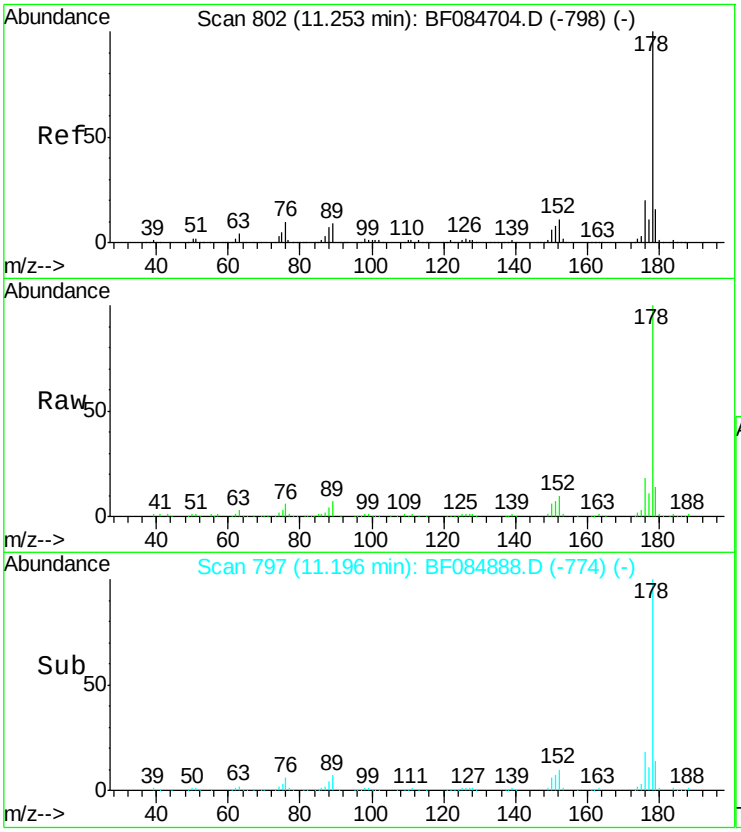


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:188 Resp: 460536

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.4	9.6	14.4#



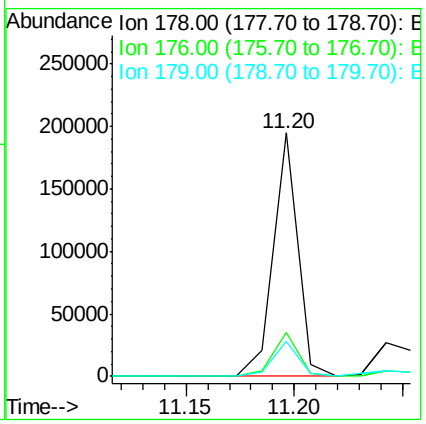


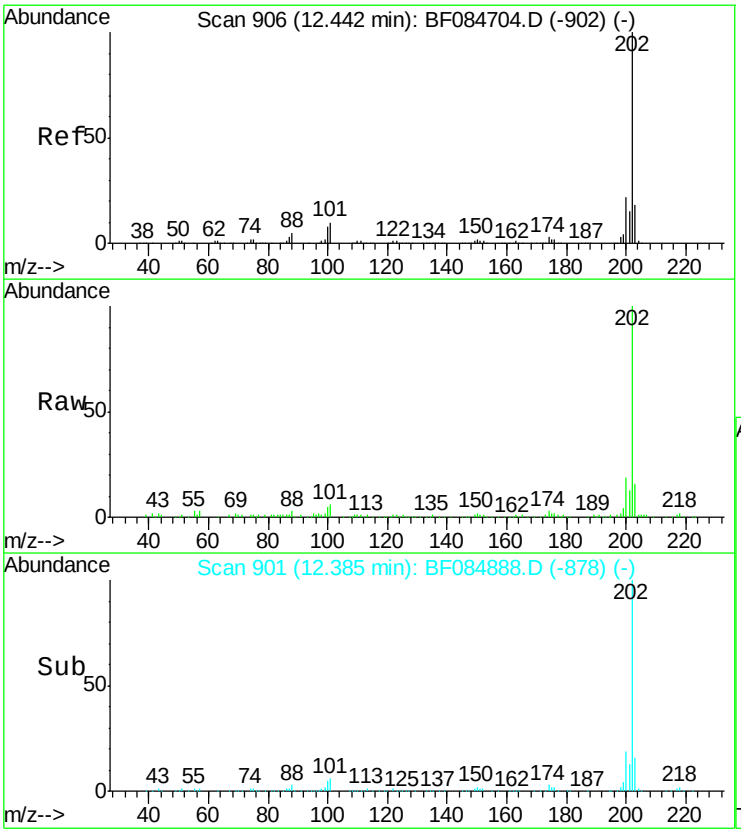
#70
Phenanthrene
Concen: 6.08 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:178 Resp: 155332

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.3	22.9
179	14.3	12.0	18.0

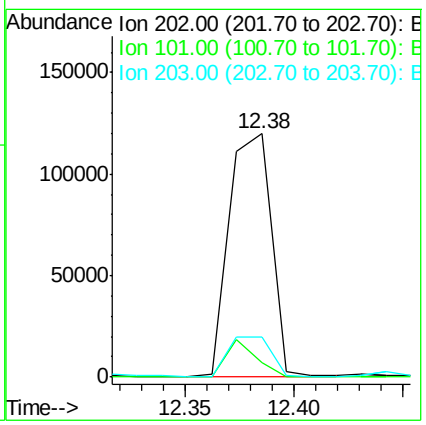


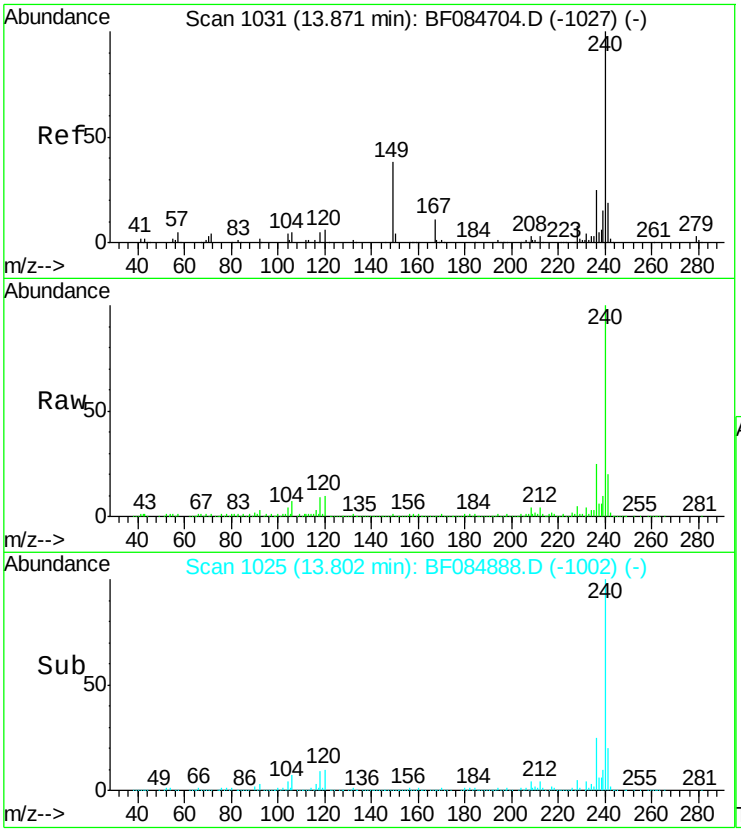


#74
Fluoranthene
Concen: 6.29 ng
RT: 12.38 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:202 Resp: 162574

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	32.8
203	16.4	0.0	37.9



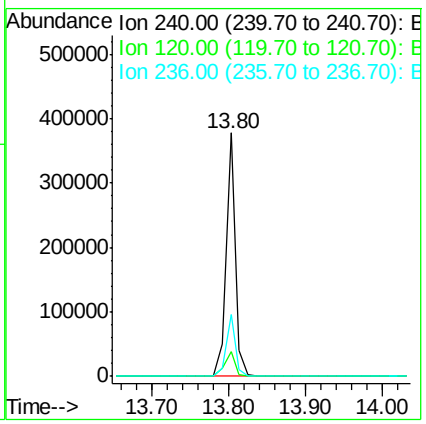


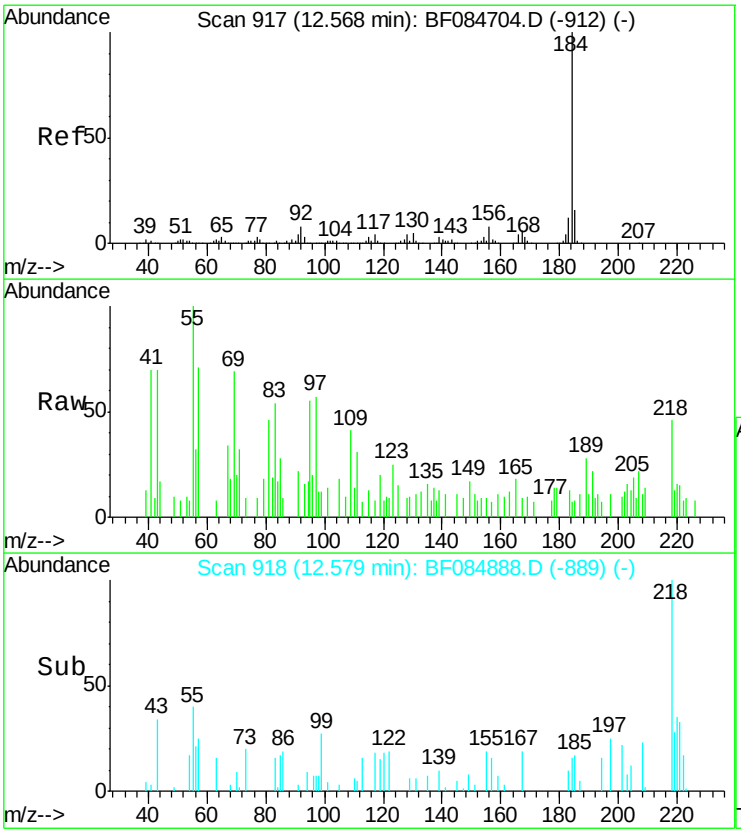
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:240 Resp: 327262

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.2	20.6	31.0

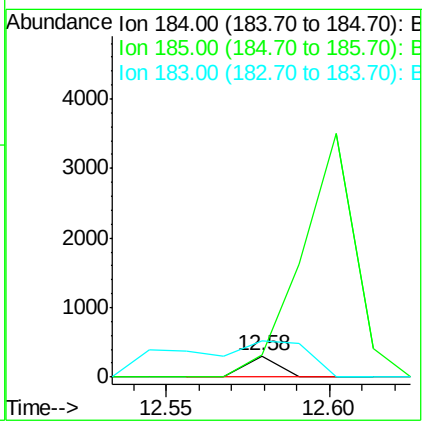


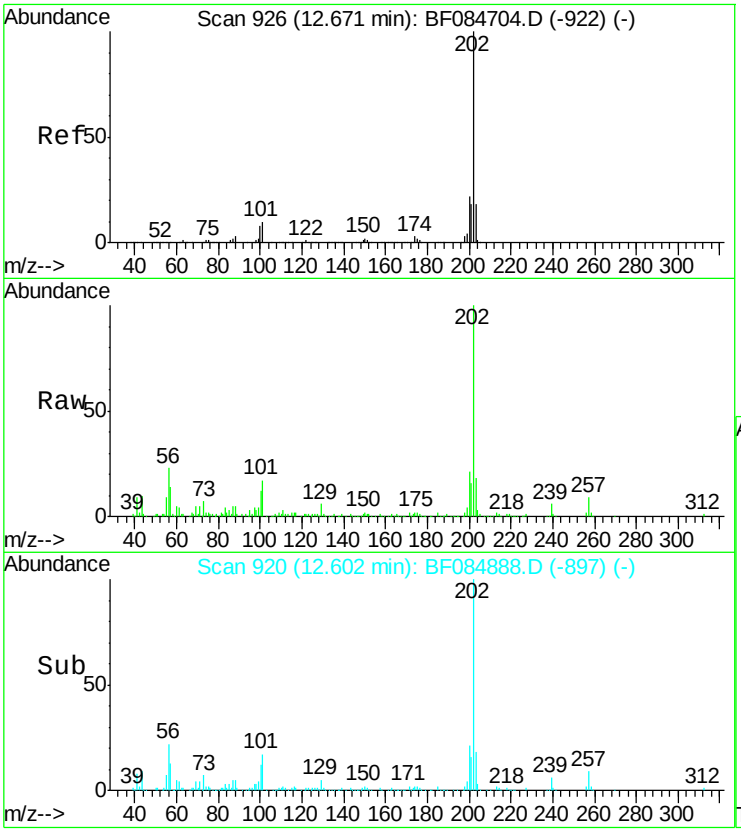


#76
Benzidine
Concen: 6.90 ng
RT: 12.58 min Scan# 918
Delta R.T. 0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:184 Resp: 206

Ion	Ratio	Lower	Upper
184	100		
185	107.0	12.2	18.2#
183	173.0	9.8	14.8#



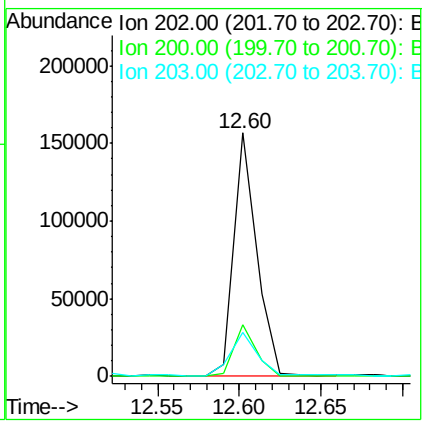


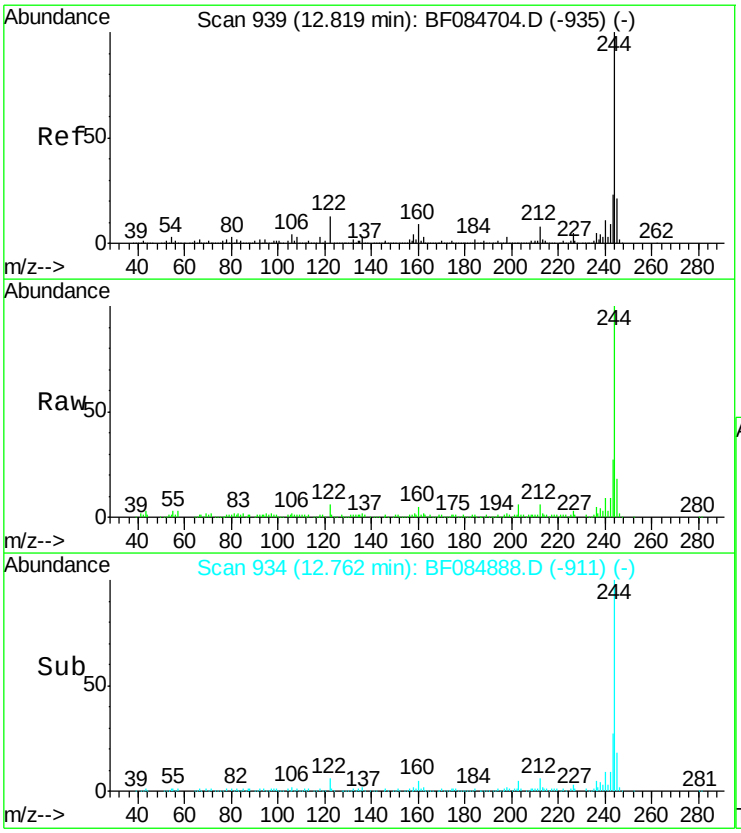
#77
Pyrene
Concen: 5.99 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:202 Resp: 150109

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.1	14.3	21.5

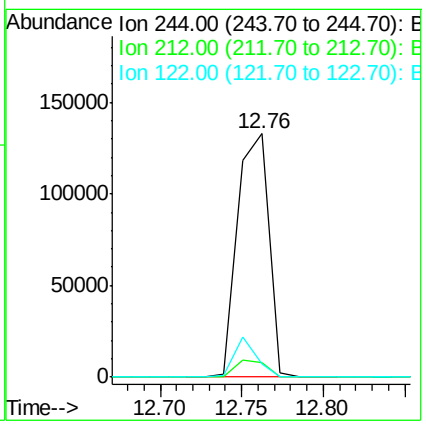


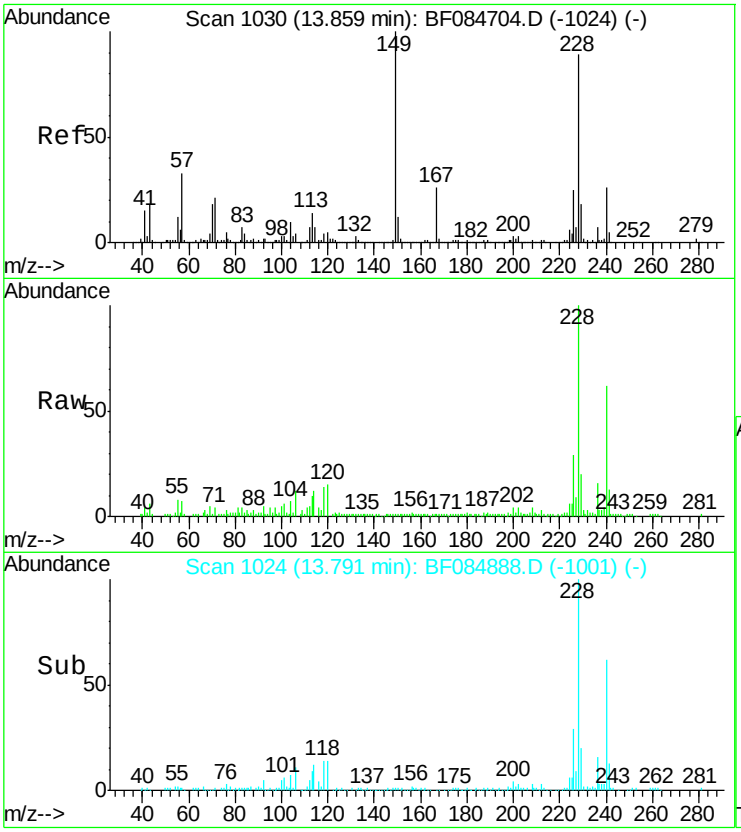


#78
Terphenyl-d14
Concen: 12.13 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:244 Resp: 175175

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.7	8.5
122	5.6	7.4	11.0#



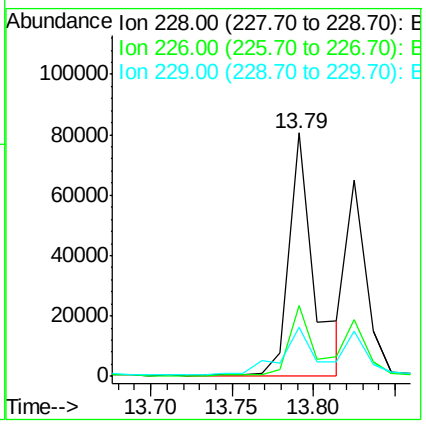


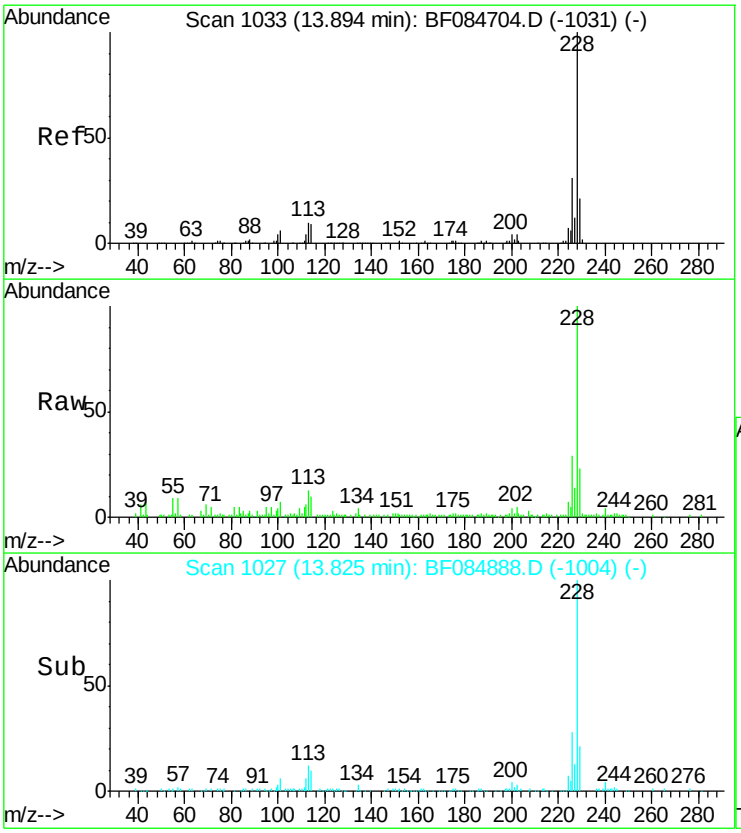
#80
Benzo(a)anthracene
Concen: 4.32 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:228 Resp: 87653

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.8	32.6
229	20.3	15.8	23.8

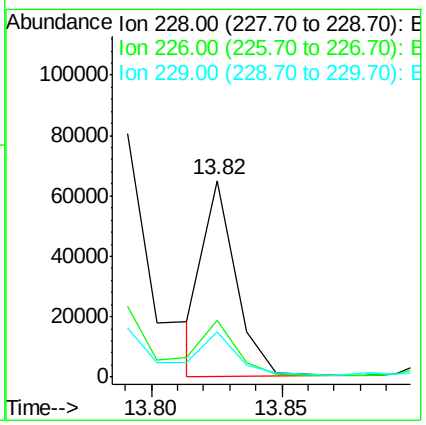


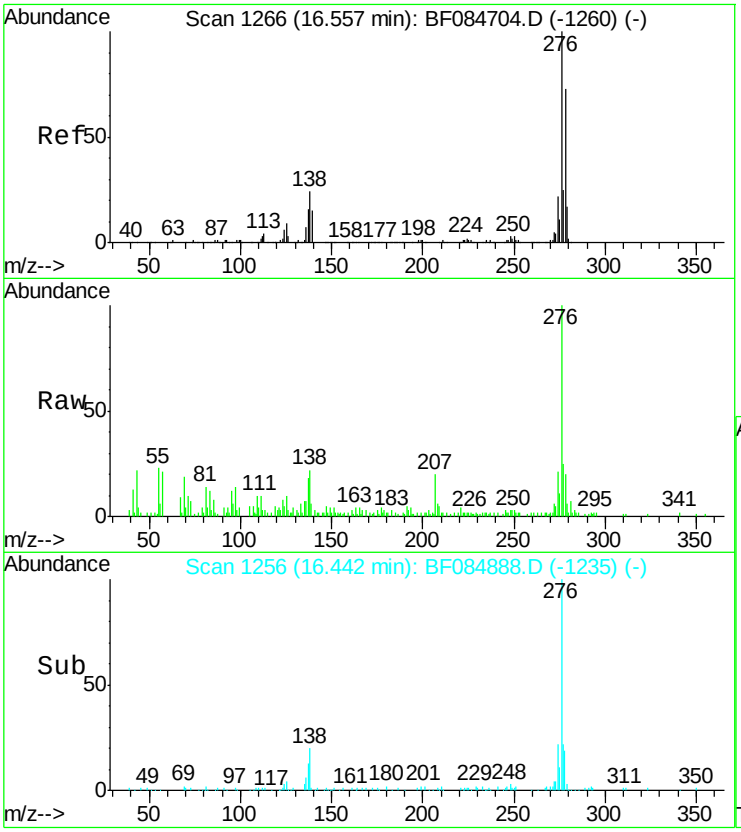


#82
Chrysene
Concen: 2.84 ng
RT: 13.82 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:228 Resp: 55905

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	23.0	16.1	24.1



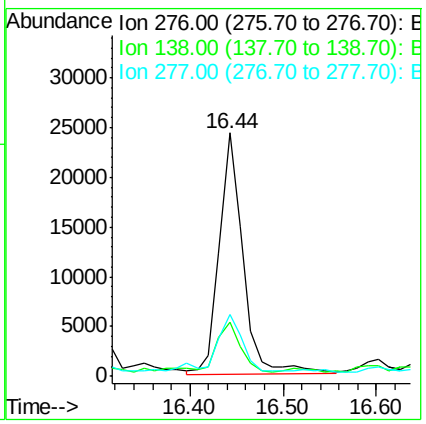


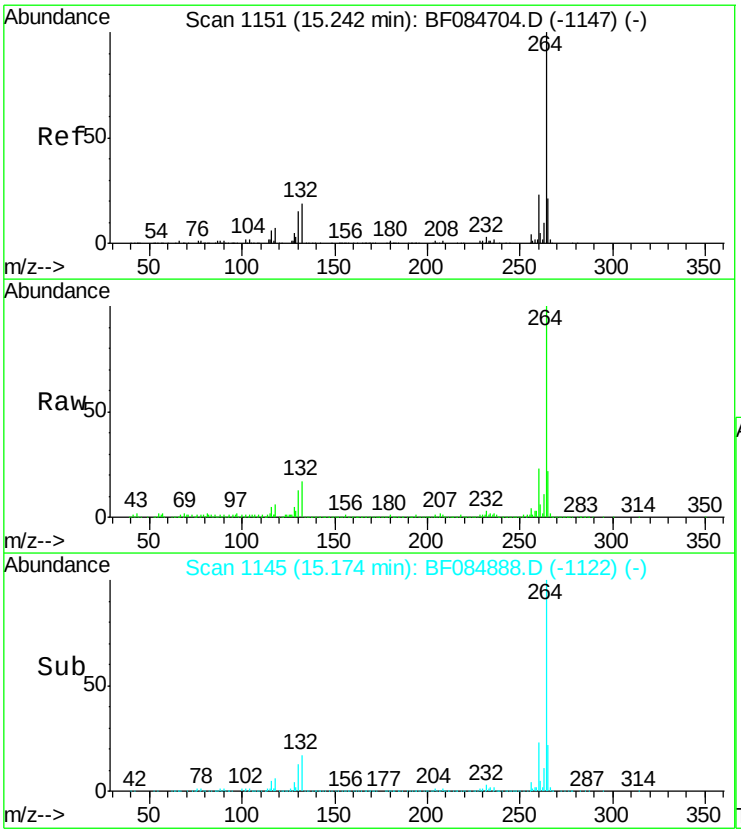
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.82 ng
RT: 16.44 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:276 Resp: 43674

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.6	30.8
277	25.0	20.1	30.1

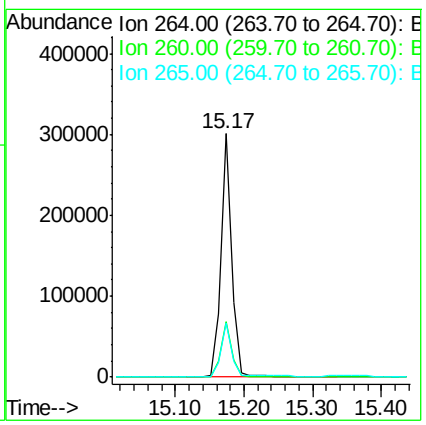


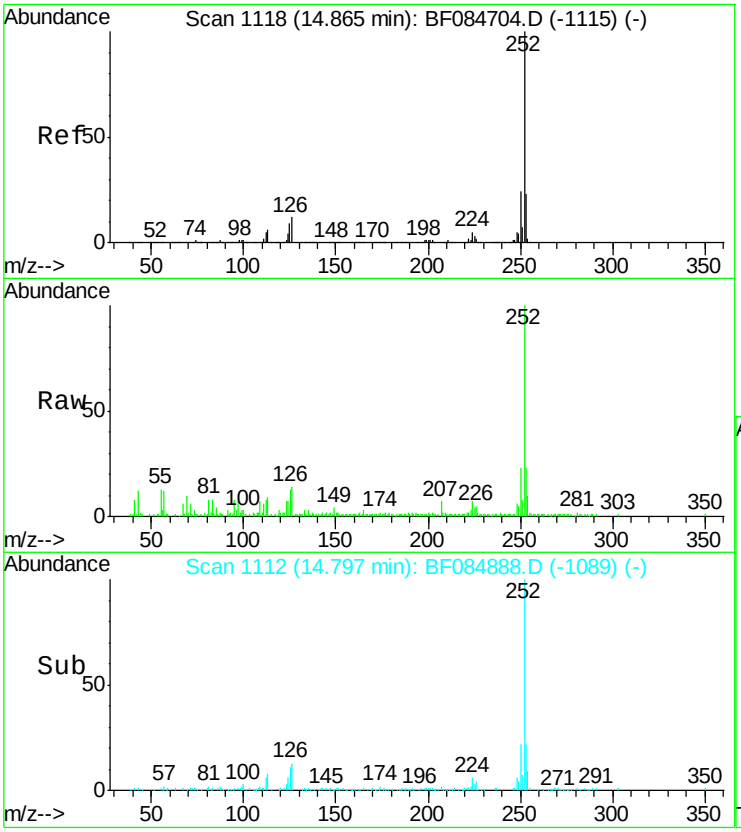


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:264 Resp: 337750

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	22.2	17.8	26.6



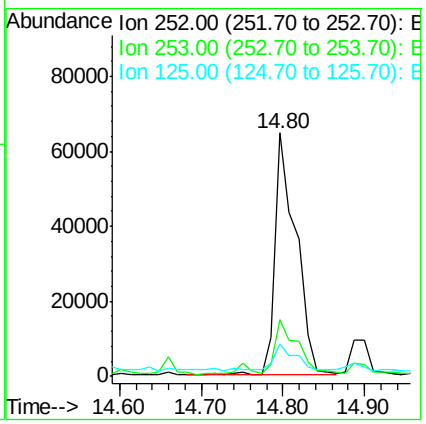


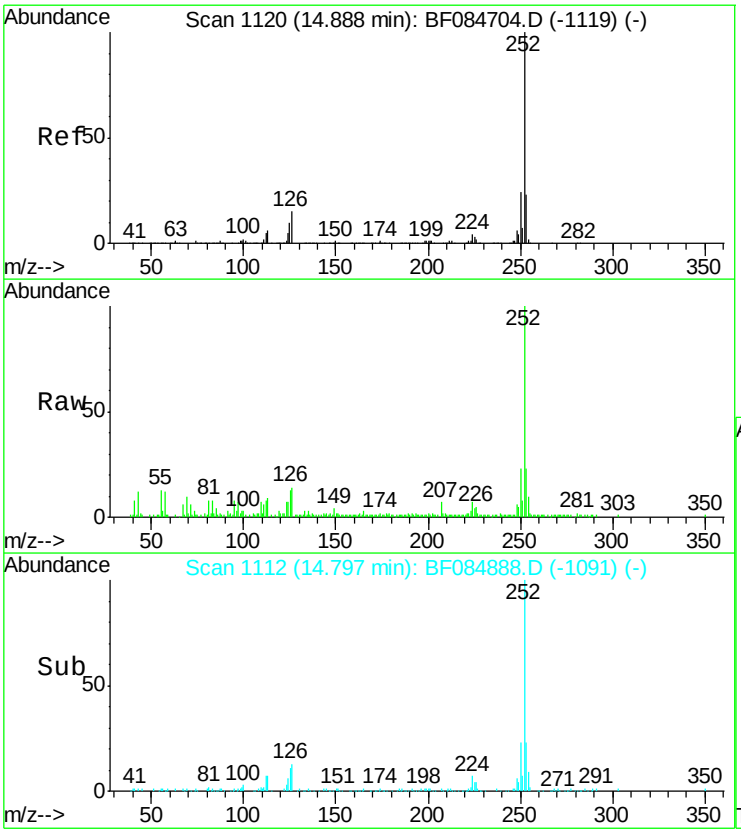
#87
Benzo(b)fluoranthene
Concen: 5.14 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:252 Resp: 116692

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	13.2	6.5	9.7#

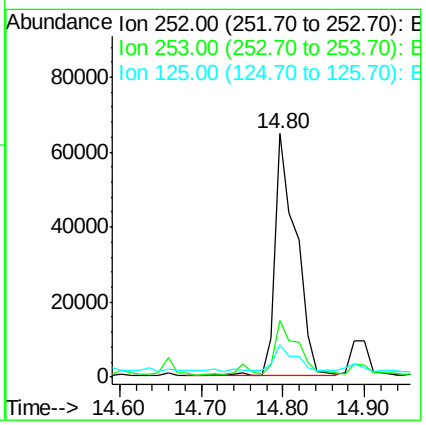


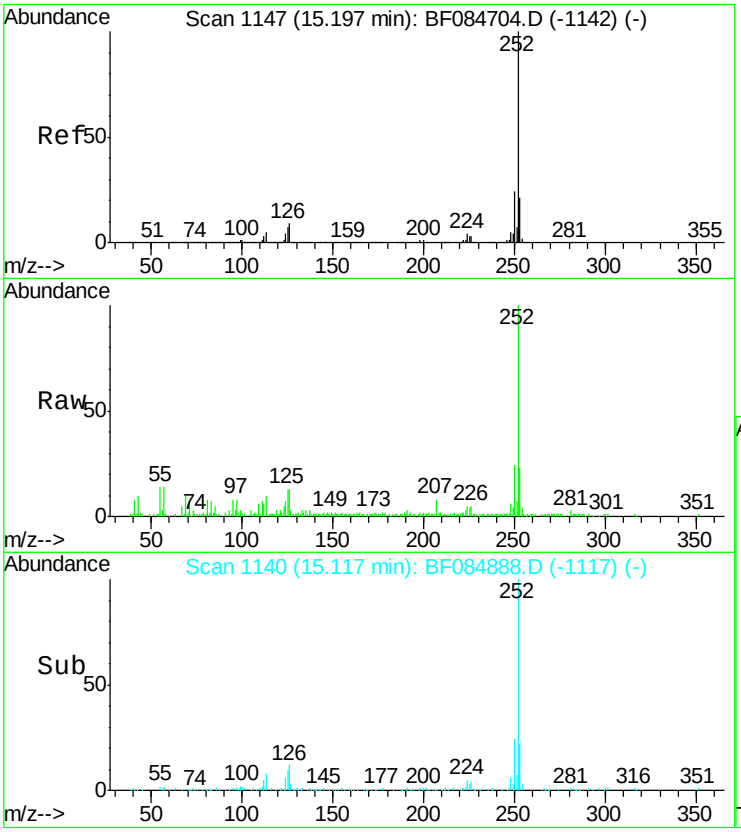


#88
Benzo(k)fluoranthene
Concen: 6.22 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:252 Resp: 116692

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.2	9.0	13.6



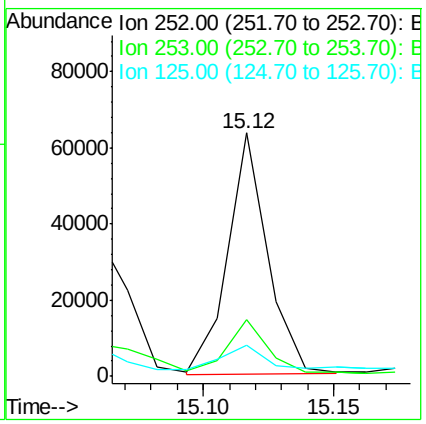


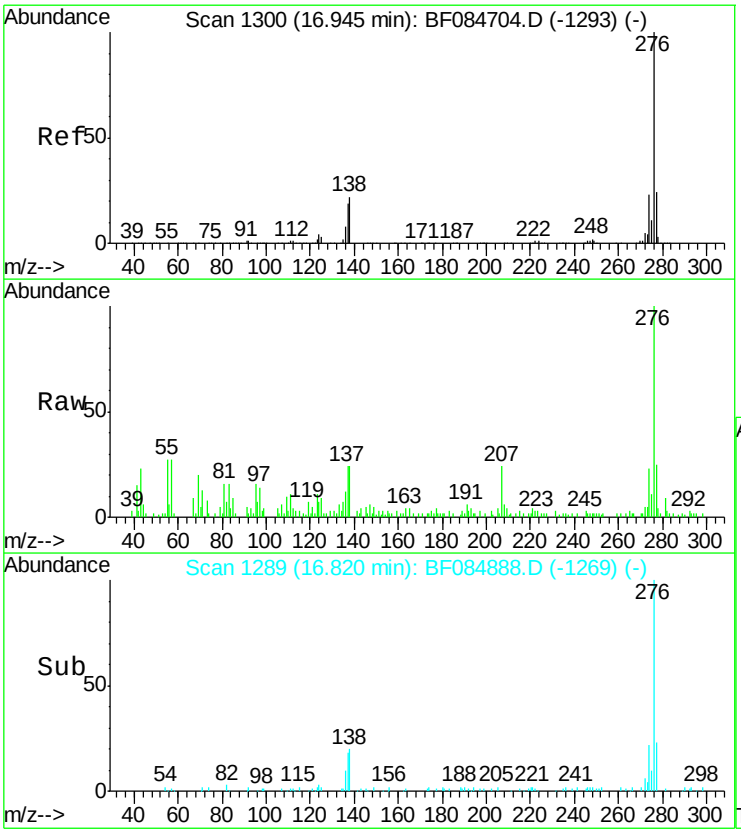
#89
Benzo(a)pyrene
Concen: 3.51 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:252 Resp: 67797

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	12.6	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 2.74 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF084888.D
Acq: 6 Feb 2016 4:22

Tgt Ion:276 Resp: 44935

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	23.8	17.8	26.6