Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091615\
Data File : BF081670.D
Acq On : 17 Sep 2015 7:16
Operator : UM/IZ
Sample : G3654-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP203(2-4)DL

Quant Time: Sep 17 07:50:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	41249	20.00	ng		-0.03
21) Naphthalene-d8	11.13	136	162231	20.00	ng		0.01
38) Acenaphthene-d10	15.21	164	74067	20.00	ng		-0.05
63) Phenanthrene-d10	18.72	188	143562	20.00	ng		-0.03
75) Chrysene-d12	23.36	240	96485	20.00	ng		-0.02
86) Perylene-d12	24.79	264	76794	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	28791	10.83	ng		-0.01
7) Phenol-d6	7.61	99	42393	12.05	ng		-0.03
23) Nitrobenzene-d5	9.49	82	27951	8.31	ng		-0.05
41) 2,4,6-Tribromophenol	17.12	330	6973	10.57	ng		-0.05
44) 2-Fluorobiphenyl	13.73	172	48931	8.47	ng		-0.05
78) Terphenyl-d14	22.08	244	37668	9.09	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.53	88	30790	25.79	ng	#	11
3) Pyridine	2.05	79	16681	5.07	ng	#	27
9) Benzaldehyde	7.22	77	6420	2.91	ng	#	1
31) Naphthalene	11.22	128	9449658	1092.20	ng		95
32) Benzoic acid	11.23	122	24592	14.95	ng	#	1
33) 4-Chloroaniline	11.22	127	1163493	329.70	ng	#	33
37) 2-Methylnaphthalene	12.82	142	1396472	248.03	ng	#	87
45) 1,1'-Biphenyl	13.94	154	409297	60.07	ng		95
48) Acenaphthylene	14.87	152	113466	13.00	ng		99
51) Acenaphthene	15.29	154	50085	10.08	ng	#	60
56) 2,4-Dinitrotoluene	15.80	165	3868	2.33	ng	#	66
57) Fluorene	16.53	166	149258	27.12	ng		97
70) Phenanthrene	18.79	178	541502	67.85	ng		97
71) Anthracene	18.90	178	129697	15.82	ng		100
74) Fluoranthene	21.41	202	128360	14.86	ng		87
77) Pyrene	21.75	202	252524	35.33	ng		98
80) Benzo(a)anthracene	23.35	228	58561	9.53	ng		97
82) Chrysene	23.38	228	38834	7.05	ng		93
85) Indeno(1,2,3-cd)pyrene	25.83	276	12288	3.04	ng	#	85
87) Benzo(b)fluoranthene	24.46	252	34403	6.27	ng	#	88
88) Benzo(k)fluoranthene	24.46	252	34403	7.56	ng	#	89
89) Benzo(a)pyrene	24.74	252	33068	7.12	ng	#	87
91) Benzo(g,h,i)perylene	26.14	276	15111	4.41	ng	#	72

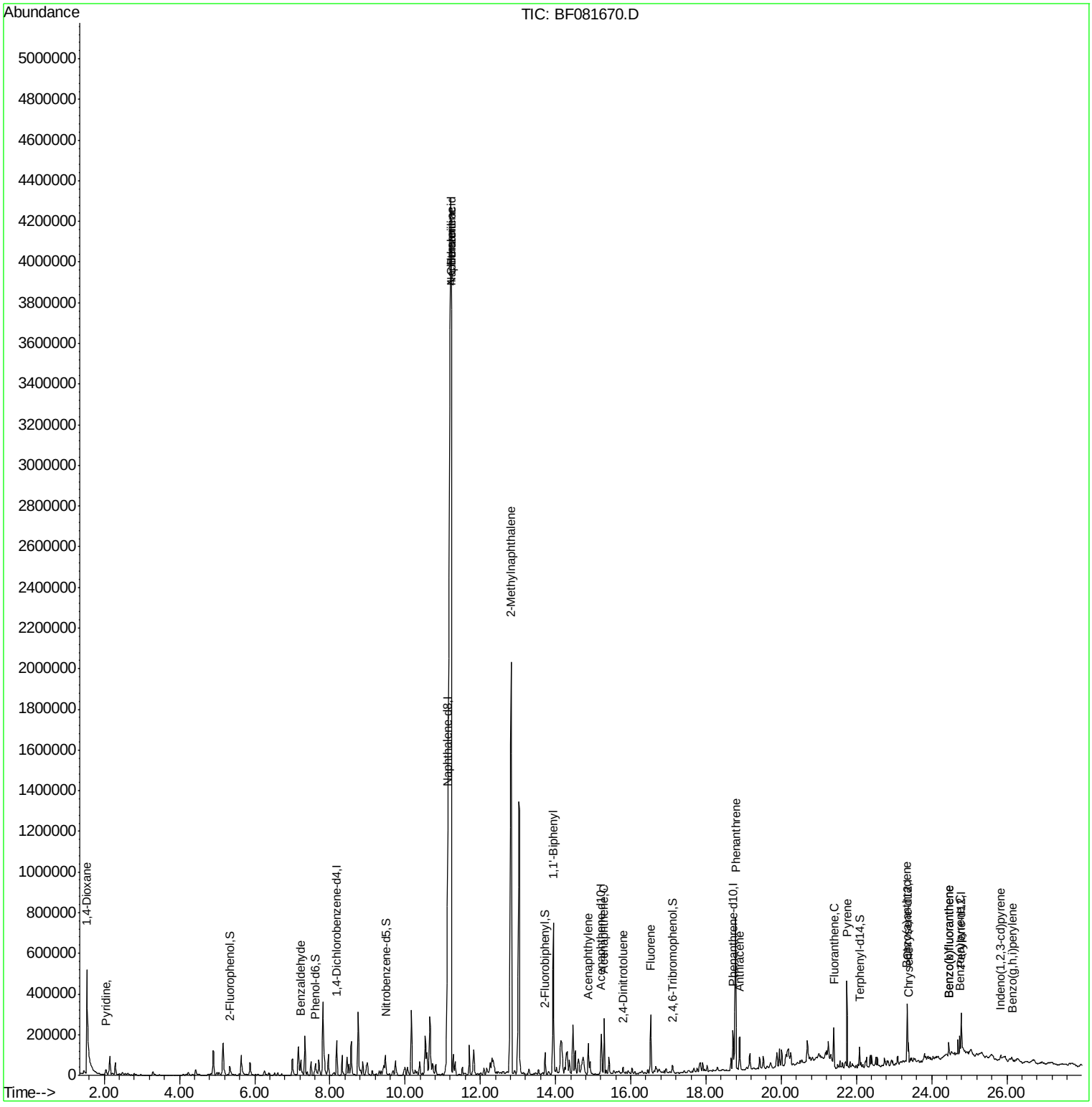
(#) = qualifier out of range (m) = manual integration (+) = signals summed

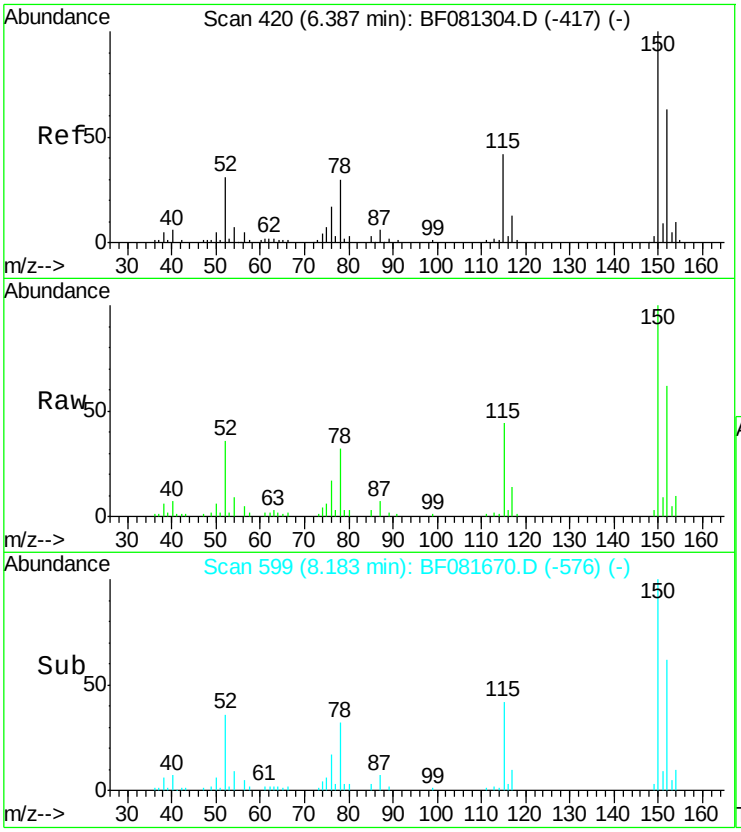
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091615\
Data File : BF081670.D
Acq On : 17 Sep 2015 7:16
Operator : UM/IZ
Sample : G3654-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Quant Time: Sep 17 07:50:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration



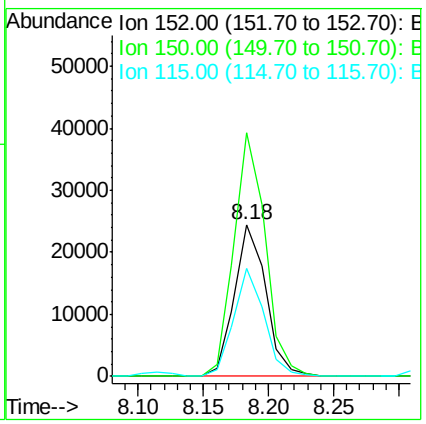


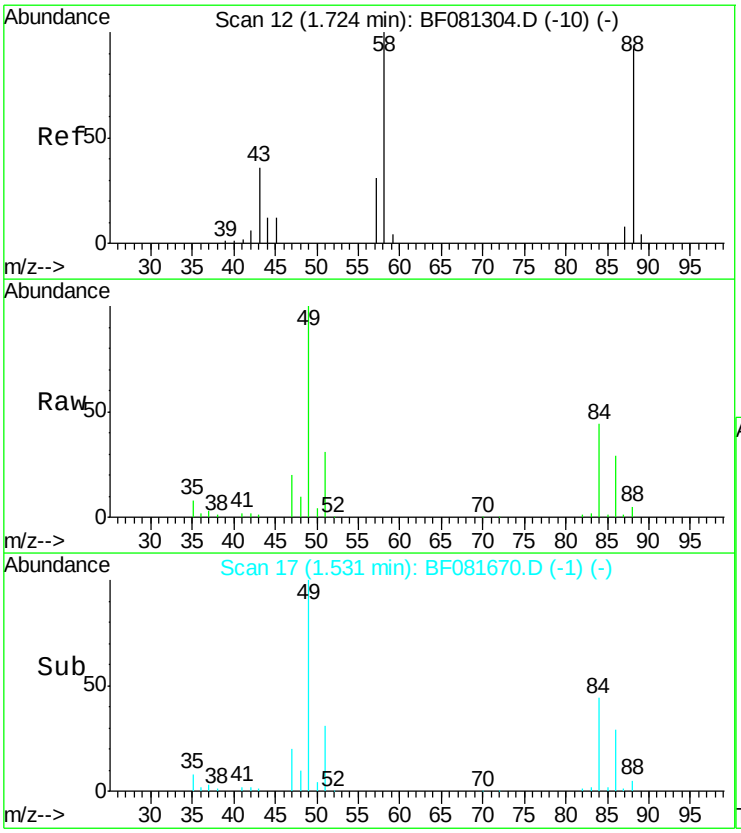
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:152 Resp: 41249

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.7	187.1
115	71.1	39.0	58.4#

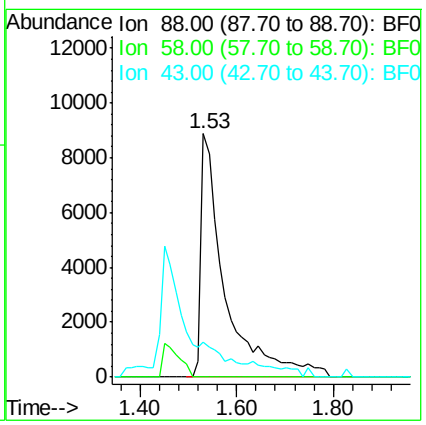


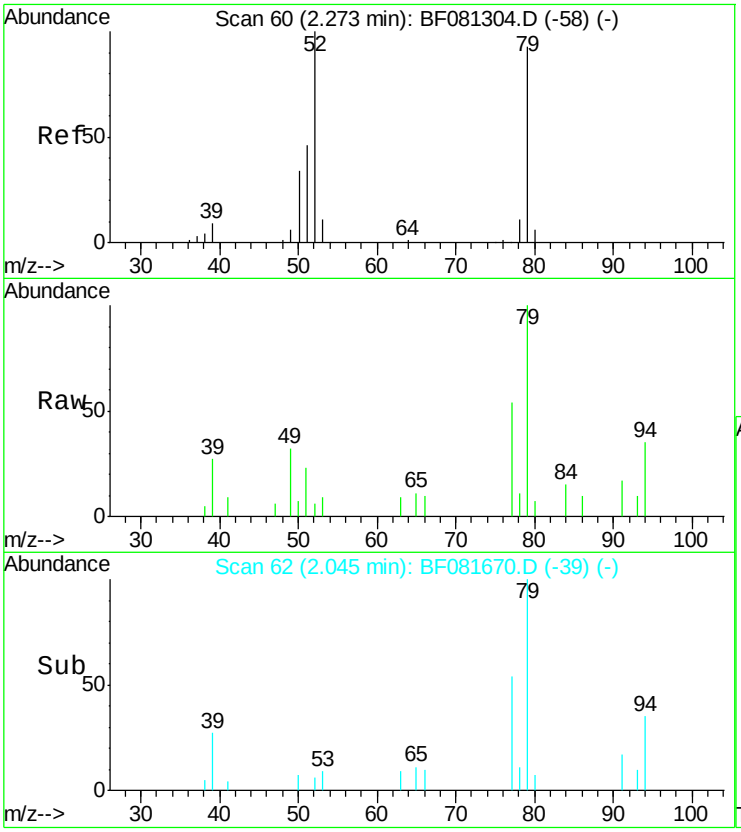


#2
1,4-Dioxane
Concen: 25.79 ng
RT: 1.53 min Scan# 17
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion: 88 Resp: 30790

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



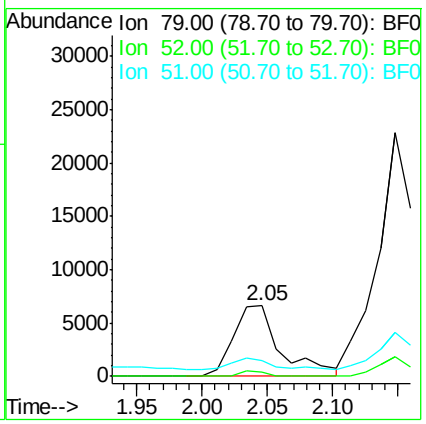


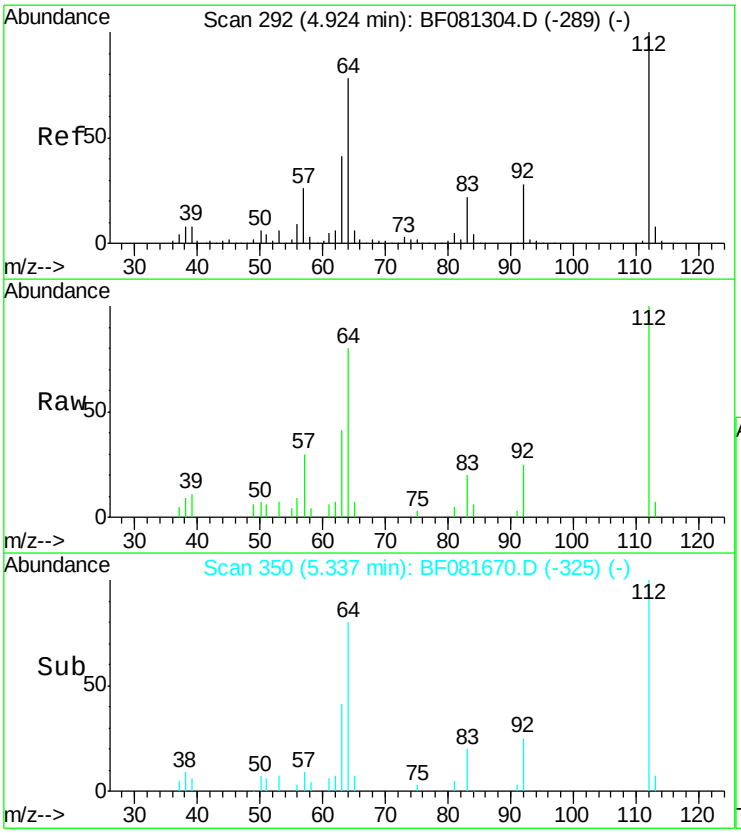
#3
Pyridine
Concen: 5.07 ng
RT: 2.05 min Scan# 62
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion: 79 Resp: 16681

Ion	Ratio	Lower	Upper
79	100		
52	6.2	76.8	115.2#
51	22.6	32.2	48.4#

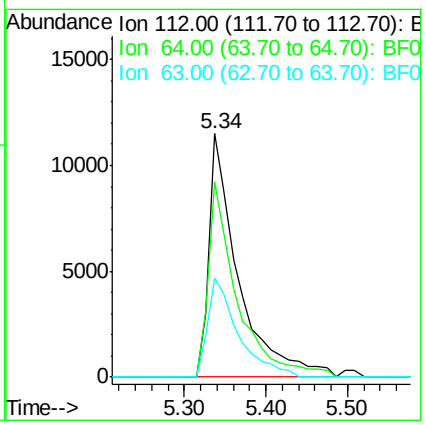


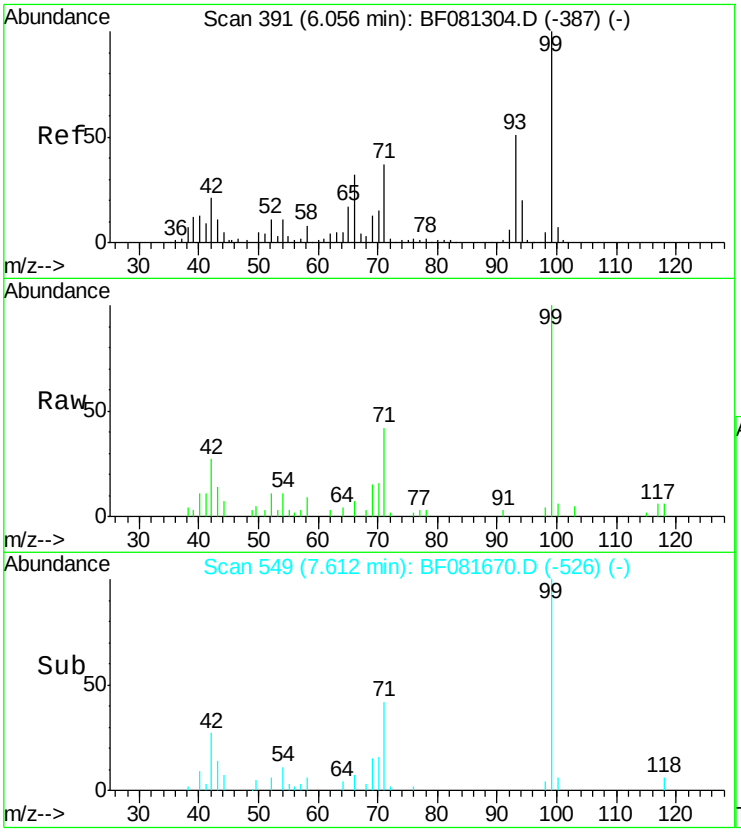


#5
2-Fluorophenol
Concen: 10.83 ng
RT: 5.34 min Scan# 350
Delta R.T. -0.01 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:112 Resp: 28791

Ion	Ratio	Lower	Upper
112	100		
64	80.1	39.7	59.5#
63	40.6	17.4	26.0#



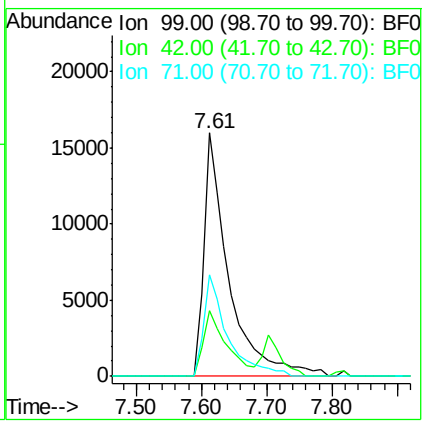


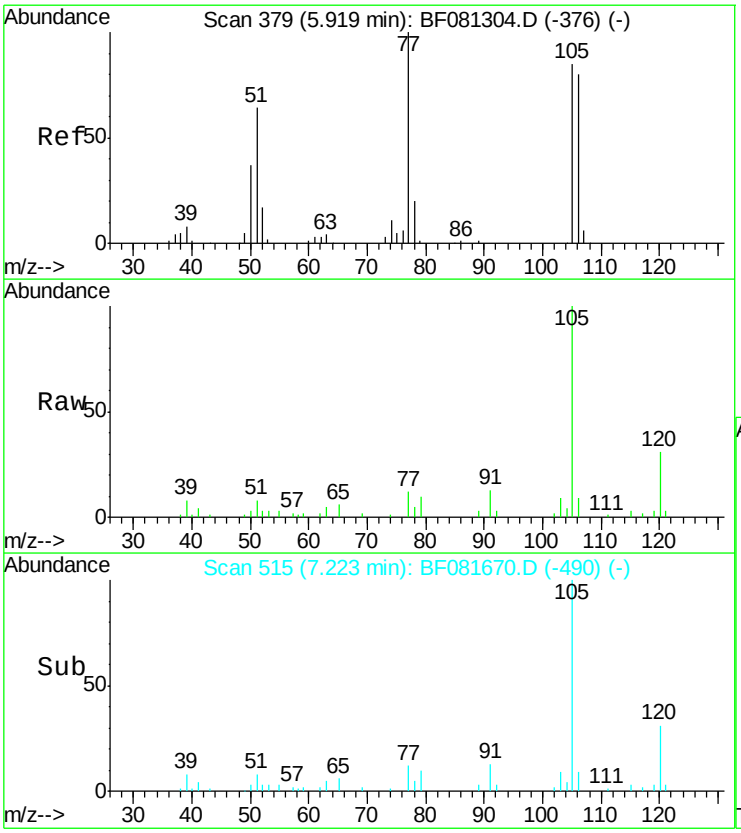
#7
Phenol-d6
Concen: 12.05 ng
RT: 7.61 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion: 99 Resp: 42393

Ion	Ratio	Lower	Upper
99	100		
42	26.9	13.7	20.5#
71	41.9	14.2	21.2#

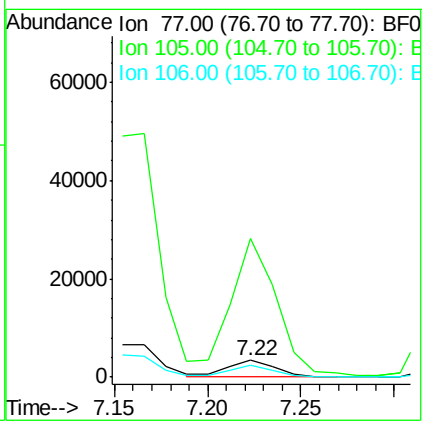


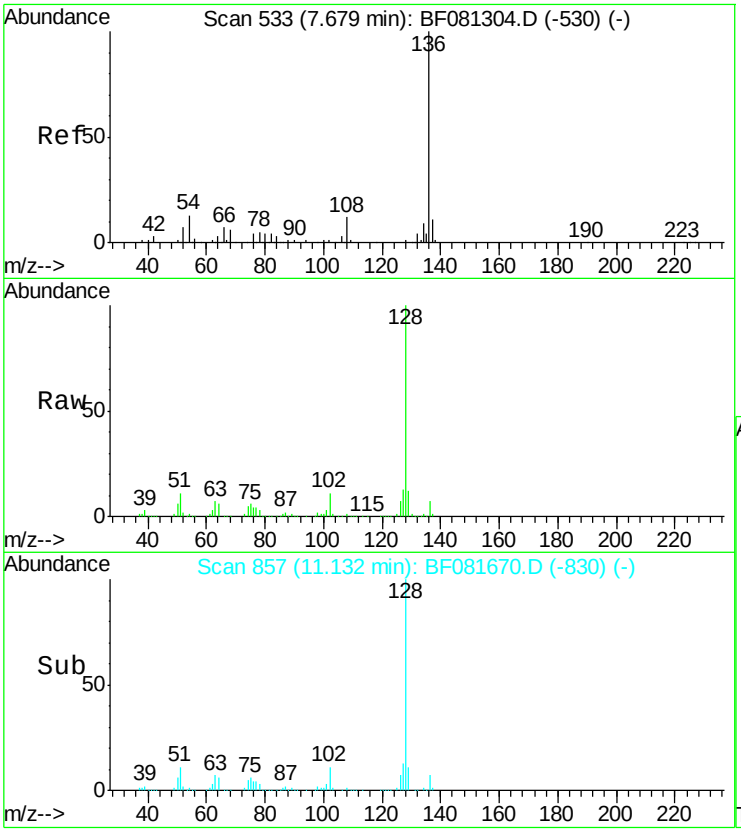


#9
Benzaldehyde
Concen: 2.91 ng
RT: 7.22 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion: 77 Resp: 6420

Ion	Ratio	Lower	Upper
77	100		
105	830.8	91.6	131.6#
106	74.5	102.6	142.6#



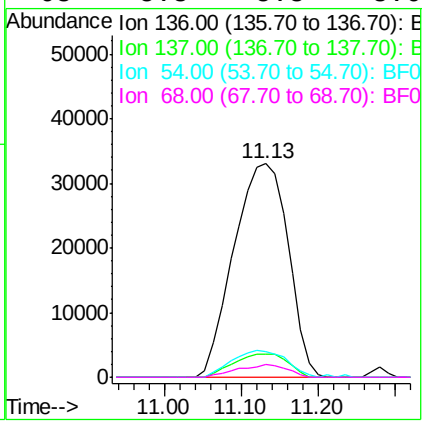


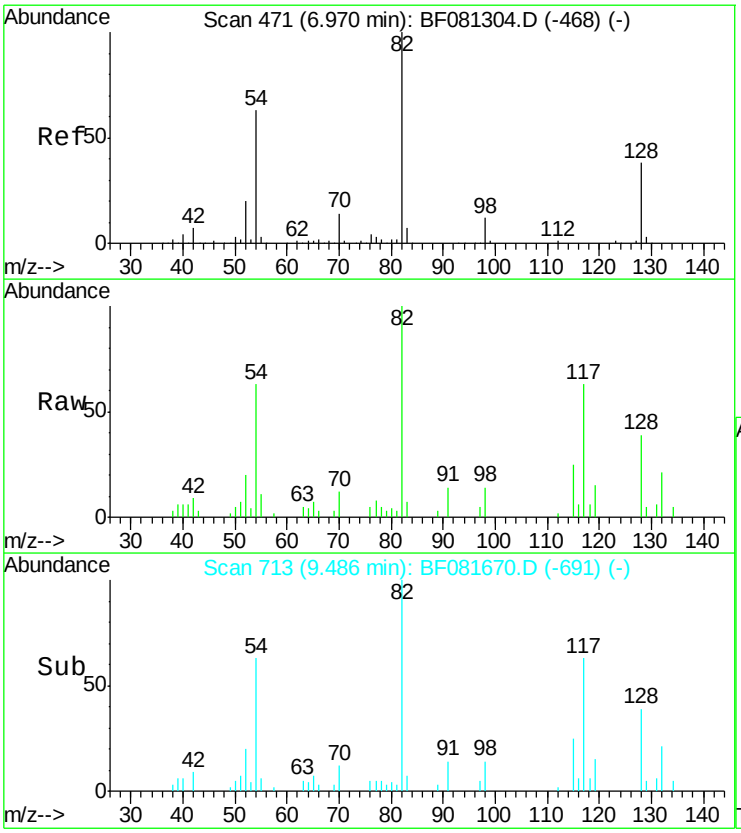
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:136 Resp: 162231

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	12.1	8.2	12.2
68	5.8	5.8	8.6

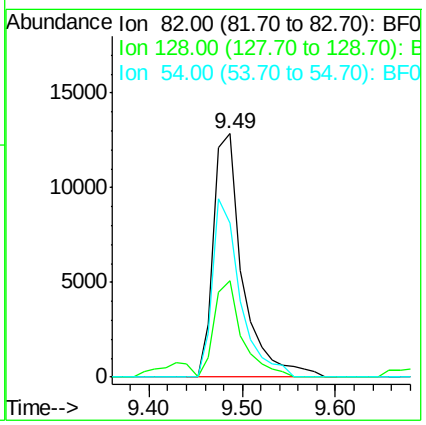


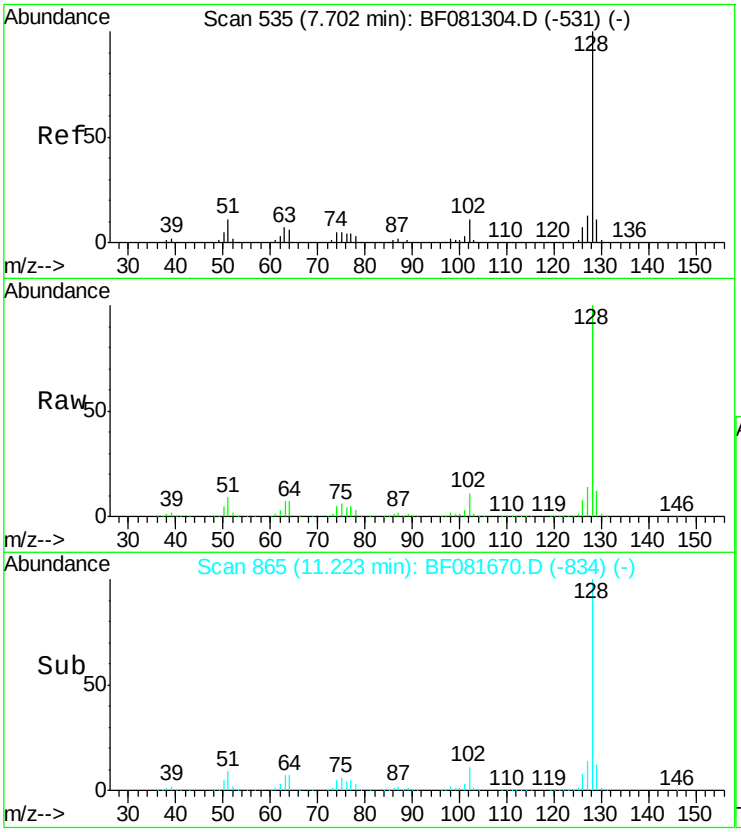


#23
Nitrobenzene-d5
Concen: 8.31 ng
RT: 9.49 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion: 82 Resp: 27951

Ion	Ratio	Lower	Upper
82	100		
128	39.4	51.0	76.6#
54	63.1	47.5	71.3



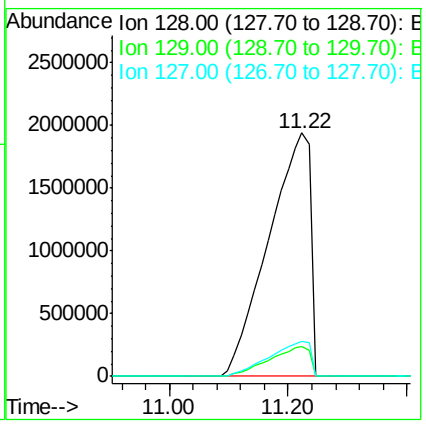


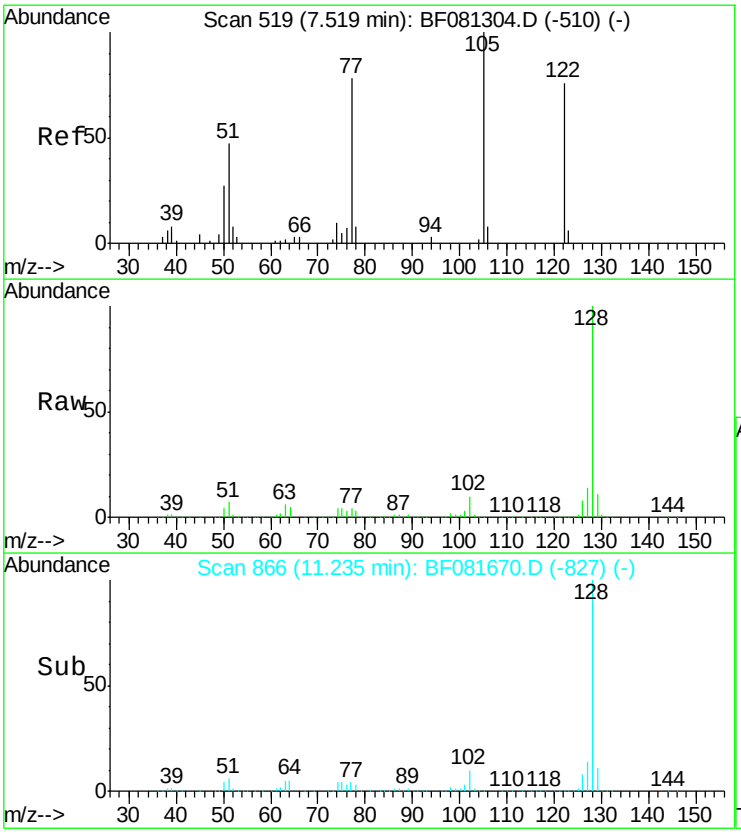
#31
Naphthalene
Concen: 1092.20 ng
RT: 11.22 min Scan# 865
Delta R.T. 0.06 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:128 Resp: 9449658

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.4	12.6
127	14.3	9.9	14.9

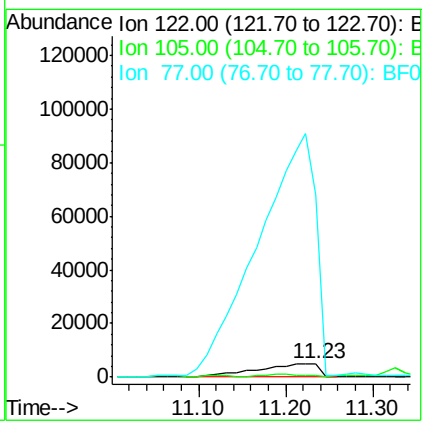


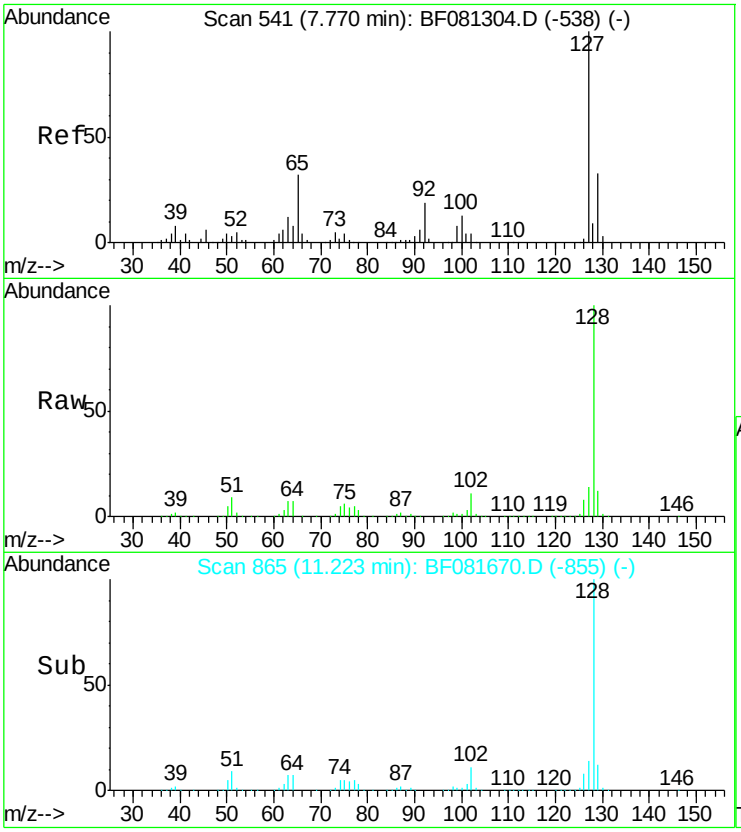


#32
Benzoic acid
Concen: 14.95 ng
RT: 11.23 min Scan# 866
Delta R.T. 0.15 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:122 Resp: 24592

Ion	Ratio	Lower	Upper
122	100		
105	14.6	76.1	116.1#
77	1335.4	40.5	80.5#



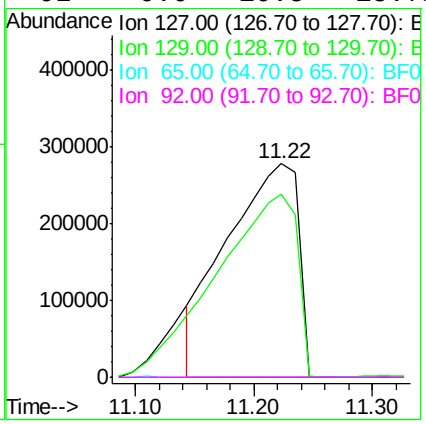


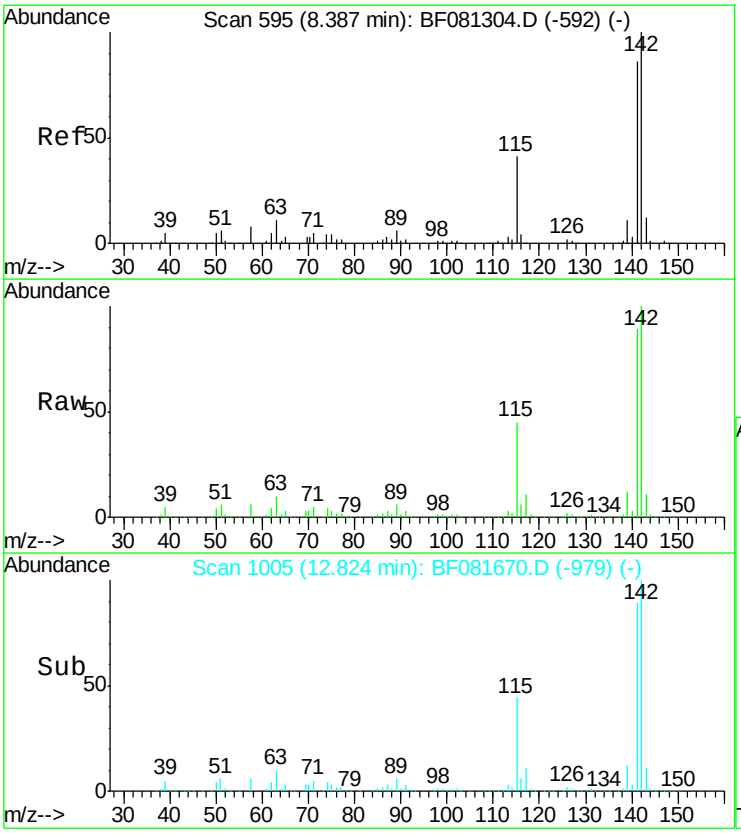
#33
4-Chloroaniline
Concen: 329.70 ng
RT: 11.22 min Scan# 865
Delta R.T. -0.18 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:127 Resp: 1163493

Ion	Ratio	Lower	Upper
127	100		
129	85.9	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#

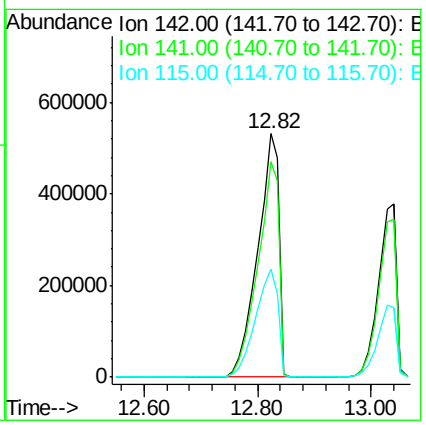


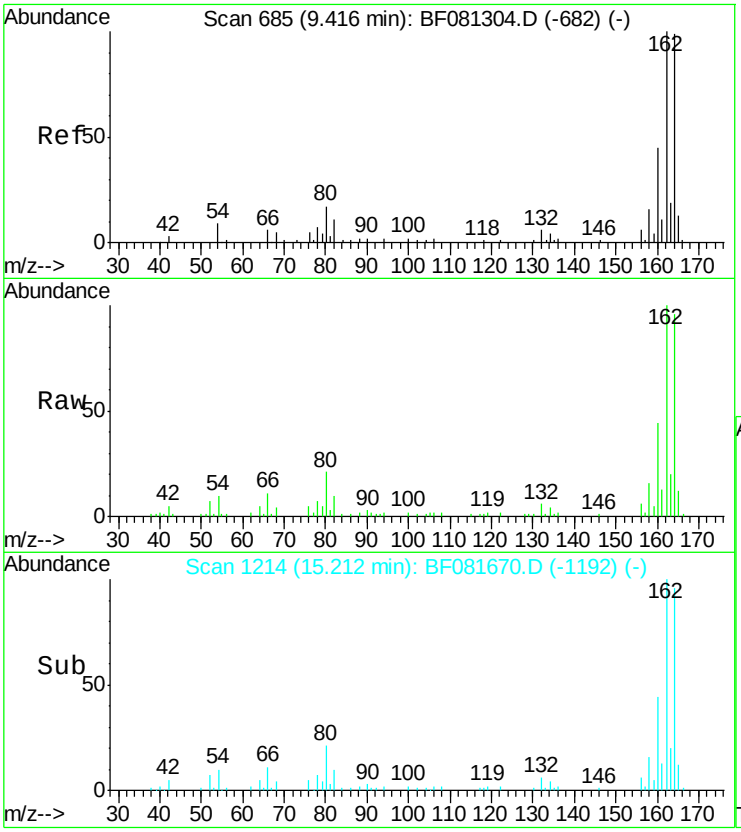


#37
2-Methylnaphthalene
Concen: 248.03 ng
RT: 12.82 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:142 Resp: 1396472

Ion	Ratio	Lower	Upper
142	100		
141	88.6	67.5	101.3
115	44.6	18.2	27.2#



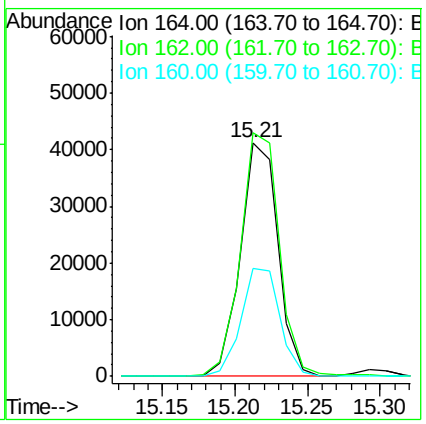


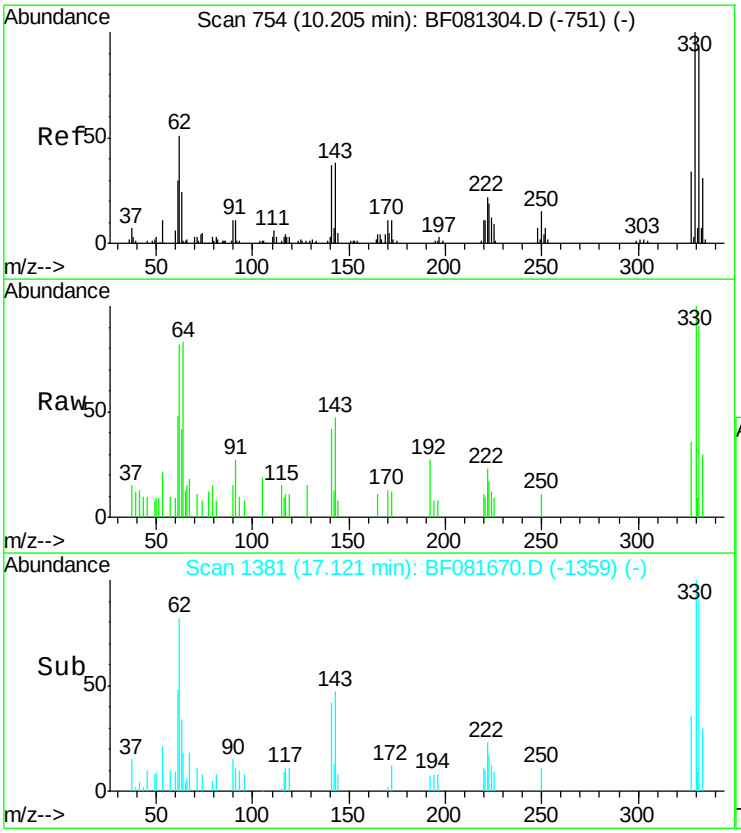
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.21 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:164 Resp: 74067

Ion	Ratio	Lower	Upper
164	100		
162	104.3	75.2	112.8
160	46.0	31.5	47.3

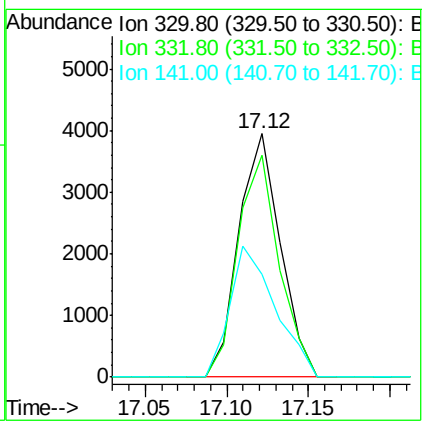


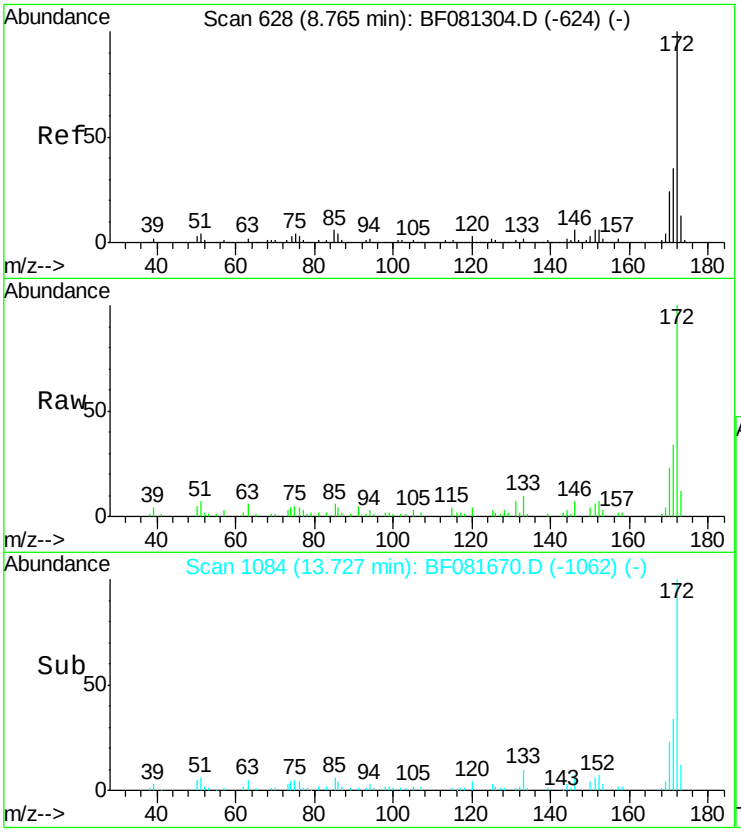


#41
2,4,6-Tribromophenol
Concen: 10.57 ng
RT: 17.12 min Scan# 1381
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:330 Resp: 6973

Ion	Ratio	Lower	Upper
330	100		
332	90.7	76.6	114.8
141	58.5	29.7	44.5#



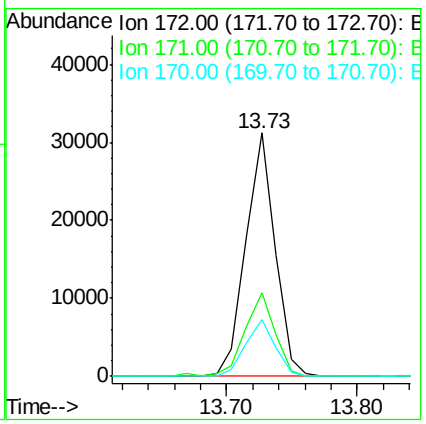


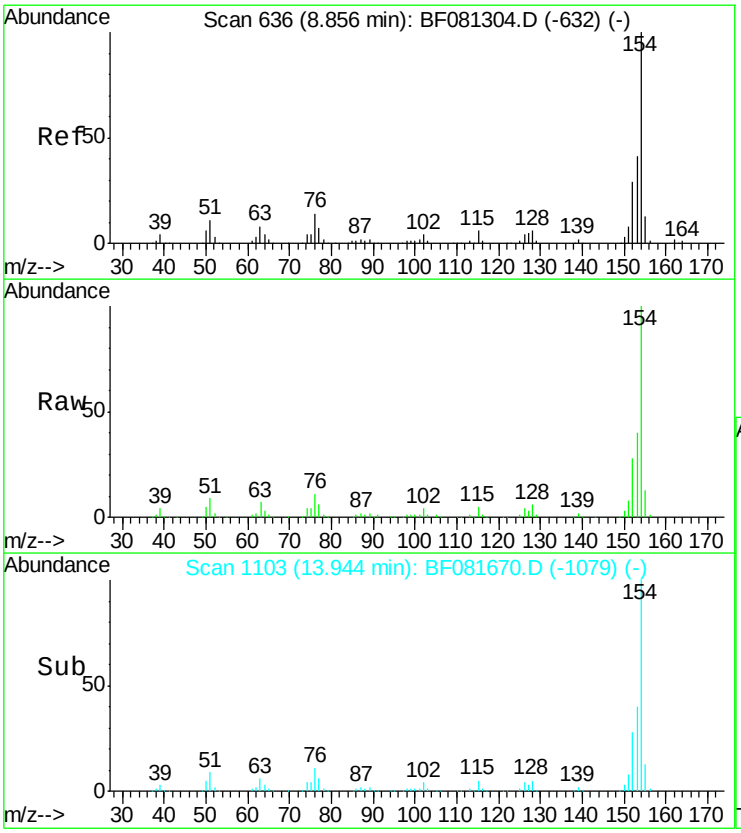
#44
2-Fluorobiphenyl
Concen: 8.47 ng
RT: 13.73 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:172 Resp: 48931

Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.1	39.1
170	23.4	17.4	26.2

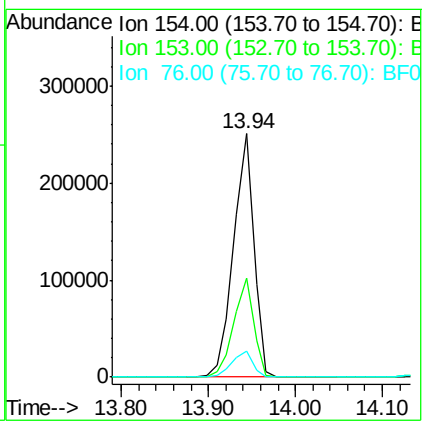


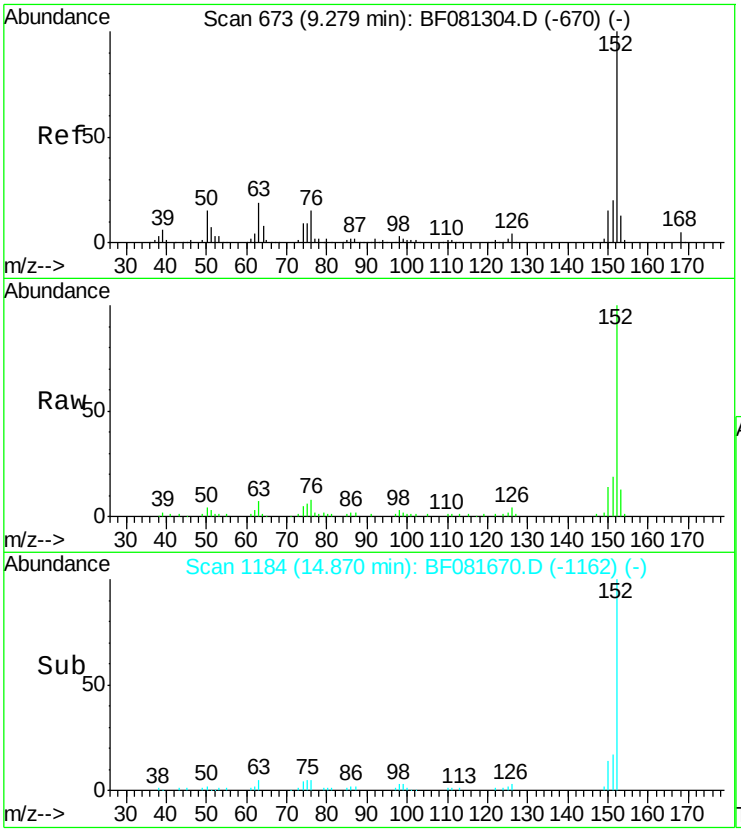


#45
1,1'-Biphenyl
Concen: 60.07 ng
RT: 13.94 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:154 Resp: 409297

Ion	Ratio	Lower	Upper
154	100		
153	40.4	17.1	57.1
76	10.7	0.0	31.6



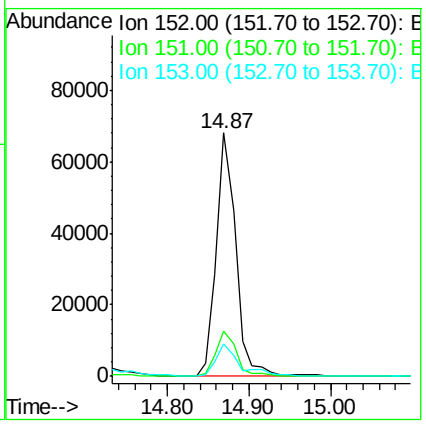


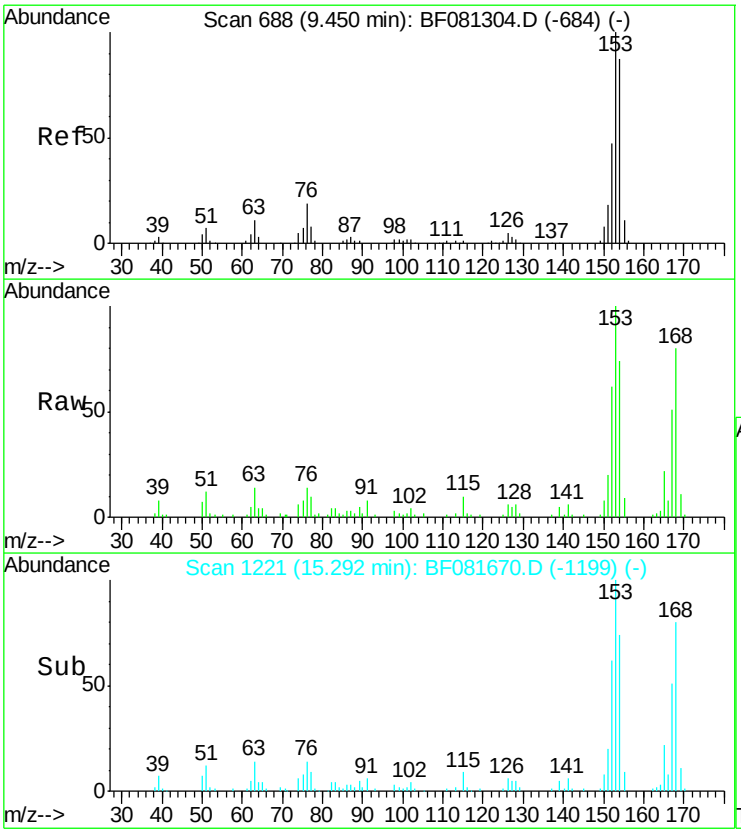
#48
Acenaphthylene
Concen: 13.00 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:152 Resp: 113466

Ion	Ratio	Lower	Upper
152	100		
151	18.7	14.6	22.0
153	13.4	10.3	15.5

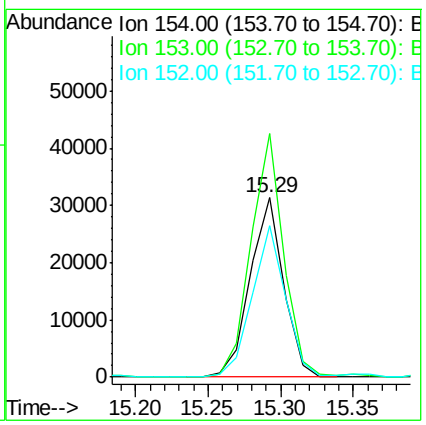


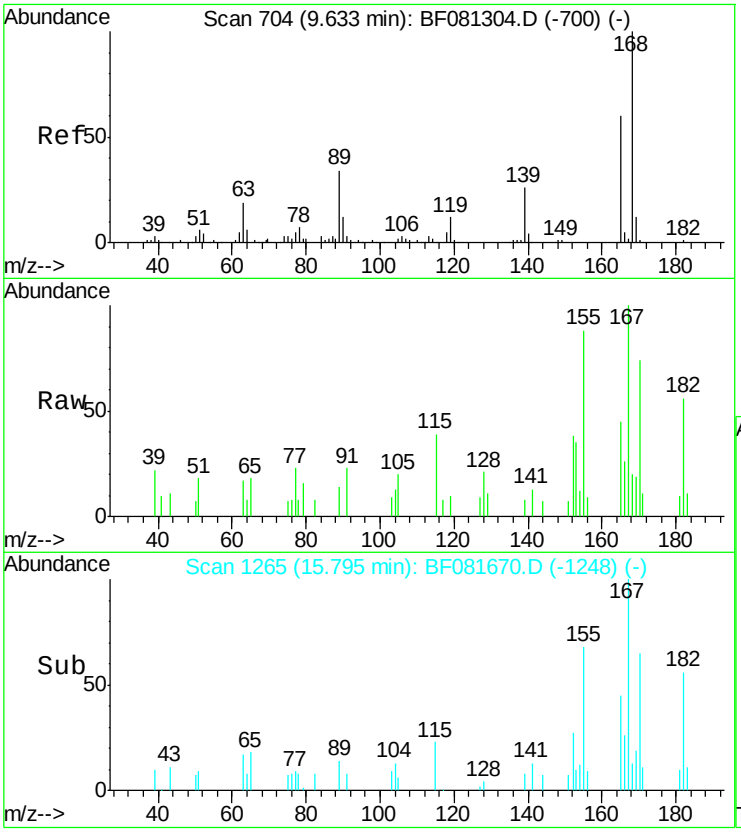


#51
Acenaphthene
Concen: 10.08 ng
RT: 15.29 min Scan# 1221
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:154 Resp: 50085

Ion	Ratio	Lower	Upper
154	100		
153	135.6	82.1	123.1#
152	84.1	37.9	56.9#



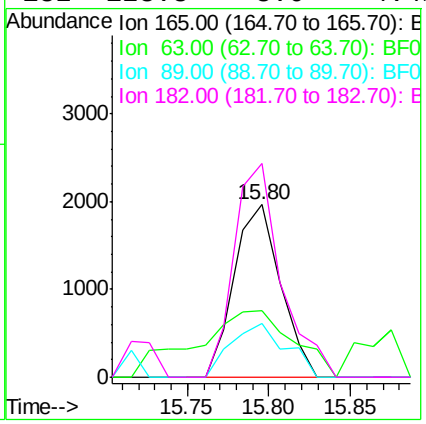


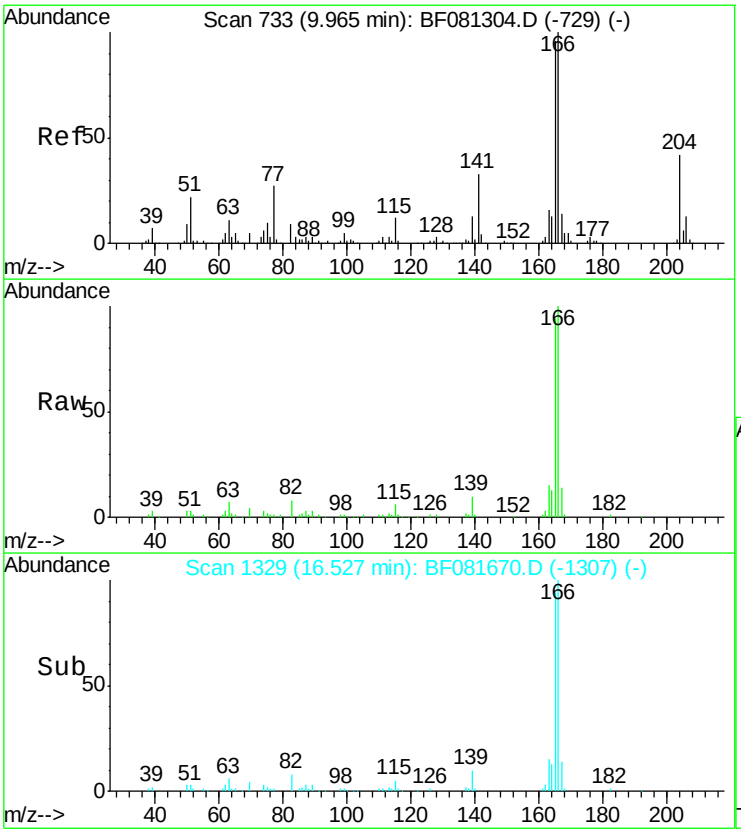
#56
2,4-Dinitrotoluene
Concen: 2.33 ng
RT: 15.80 min Scan# 1265
Delta R.T. -0.10 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:165 Resp: 3868

Ion	Ratio	Lower	Upper
165	100		
63	38.3	29.8	44.6
89	31.5	44.5	66.7#
182	123.8	3.0	4.4#

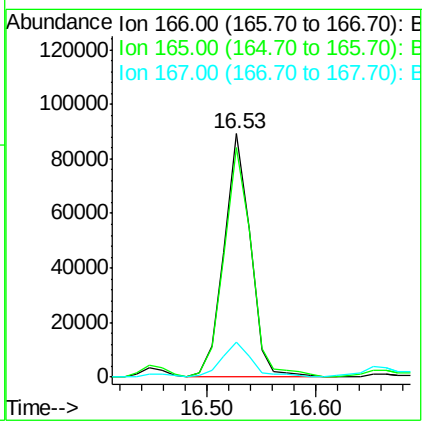


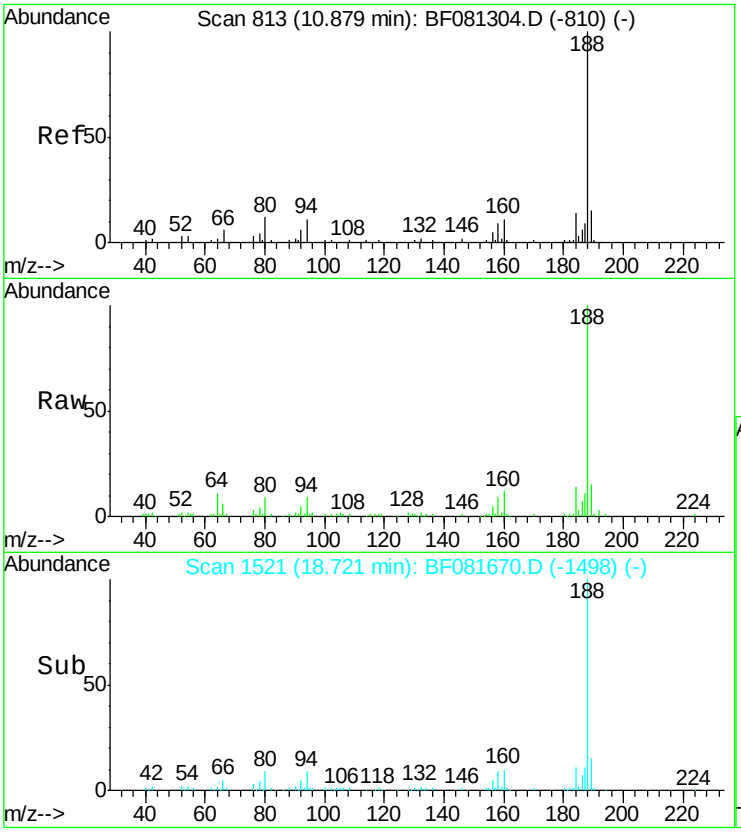


#57
Fluorene
Concen: 27.12 ng
RT: 16.53 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:166 Resp: 149258

Ion	Ratio	Lower	Upper
166	100		
165	94.2	72.6	109.0
167	14.3	10.6	16.0



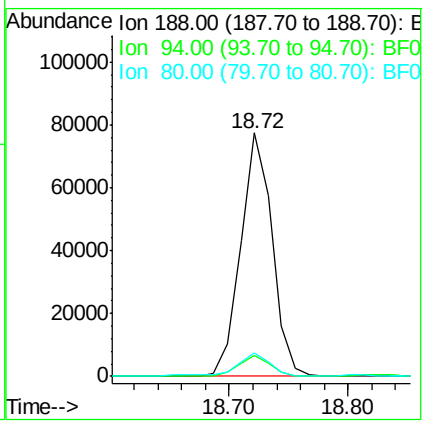


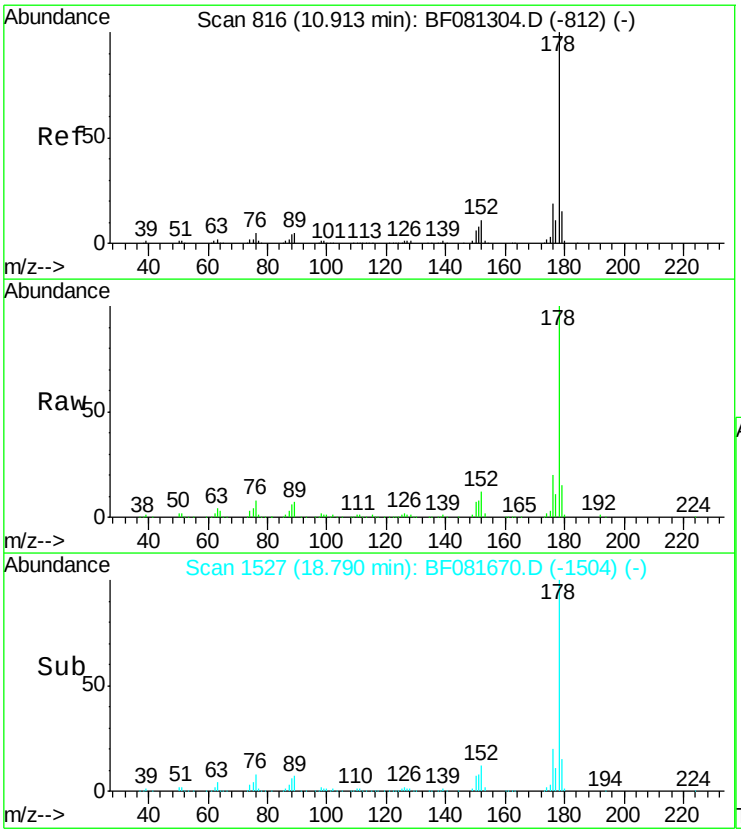
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:188 Resp: 143562

Ion	Ratio	Lower	Upper
188	100		
94	8.8	11.1	16.7#
80	9.4	11.0	16.4#

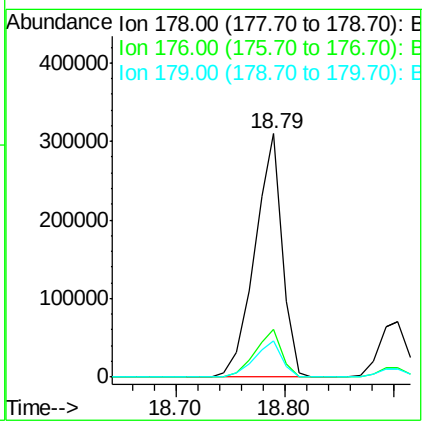


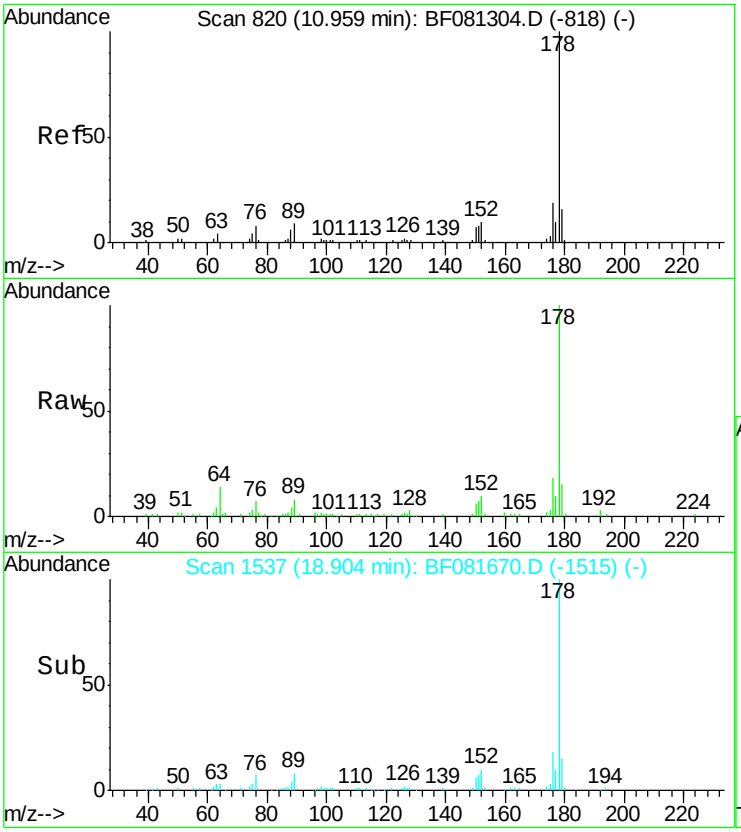


#70
Phenanthrene
Concen: 67.85 ng
RT: 18.79 min Scan# 1527
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:178 Resp: 541502

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	15.2	12.2	18.2



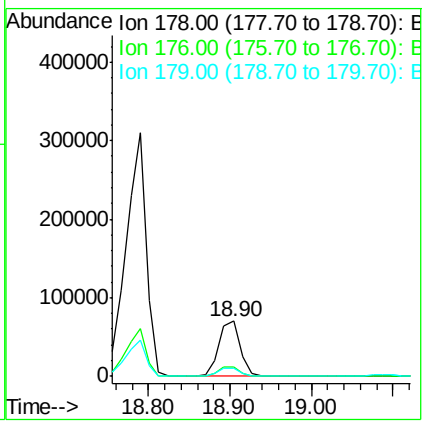


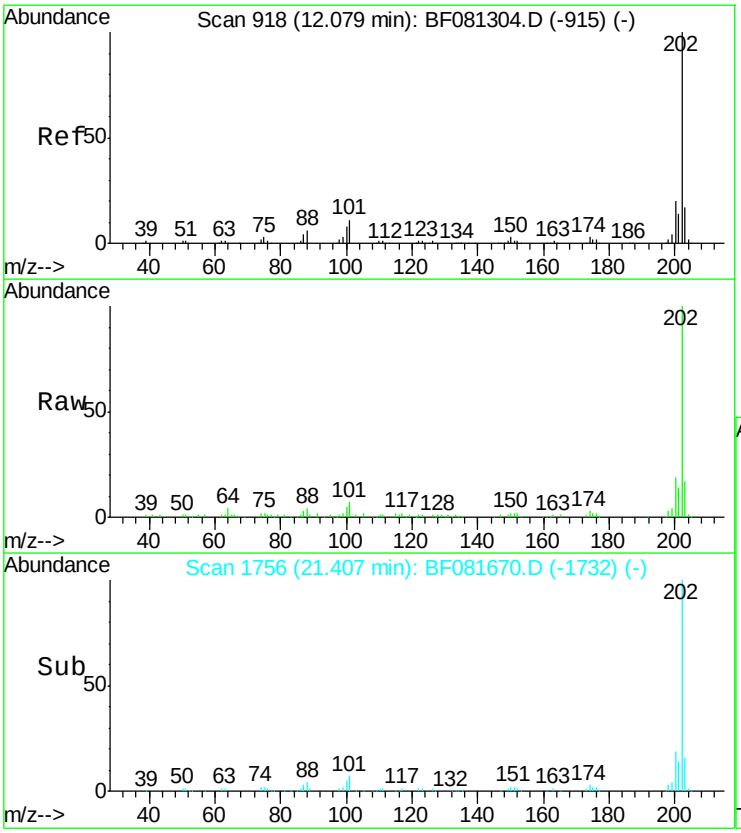
#71
Anthracene
Concen: 15.82 ng
RT: 18.90 min Scan# 1537
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:178 Resp: 129697

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.1	21.1
179	15.2	12.2	18.2

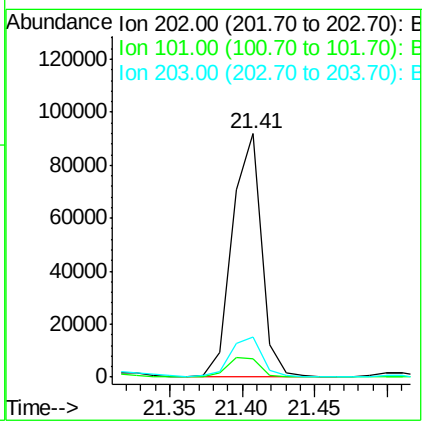


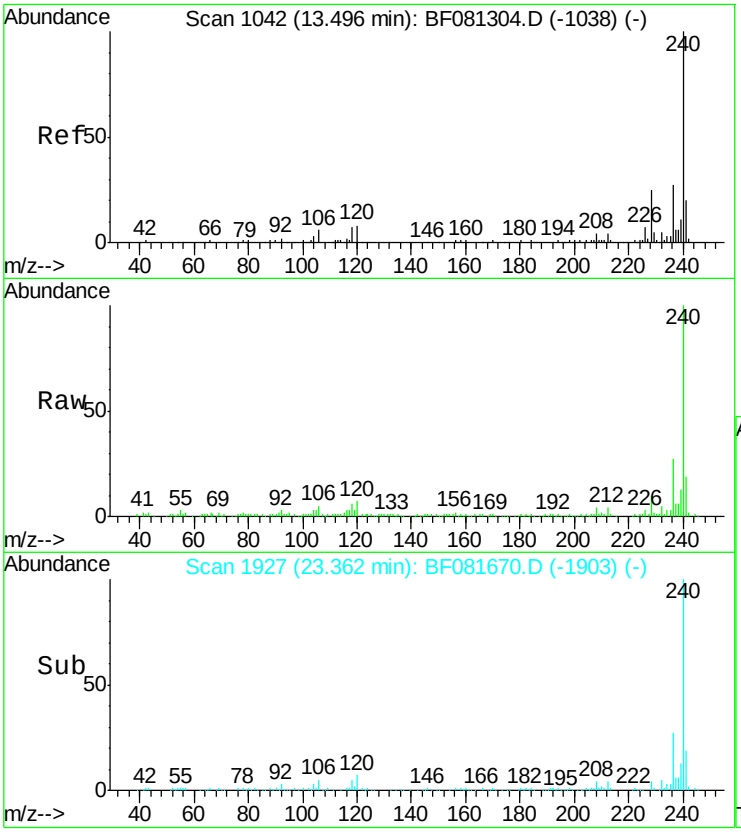


#74
Fluoranthene
Concen: 14.86 ng
RT: 21.41 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:202 Resp: 128360

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	38.3
203	16.7	0.0	37.3



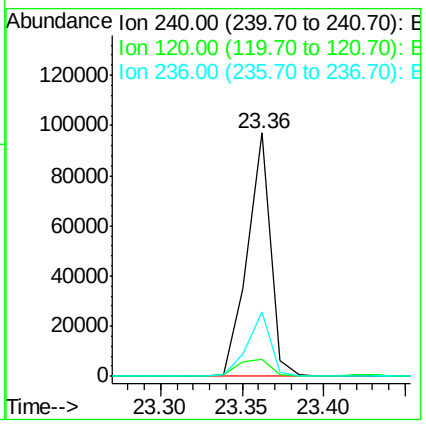


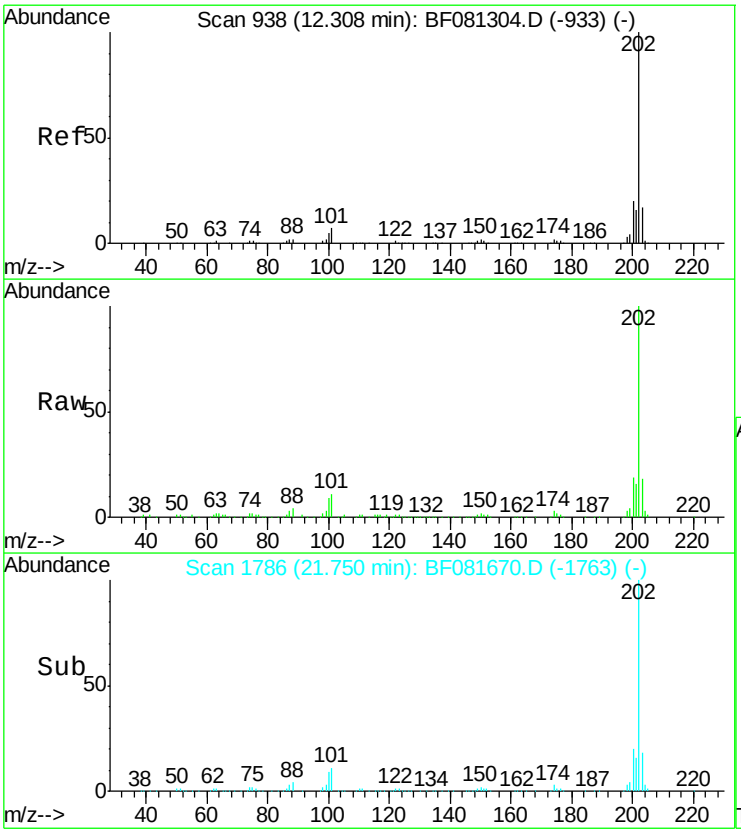
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:240 Resp: 96485

Ion	Ratio	Lower	Upper
240	100		
120	6.9	16.2	24.2#
236	26.5	18.4	27.6

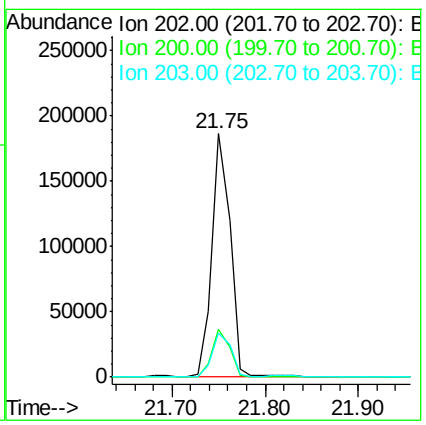


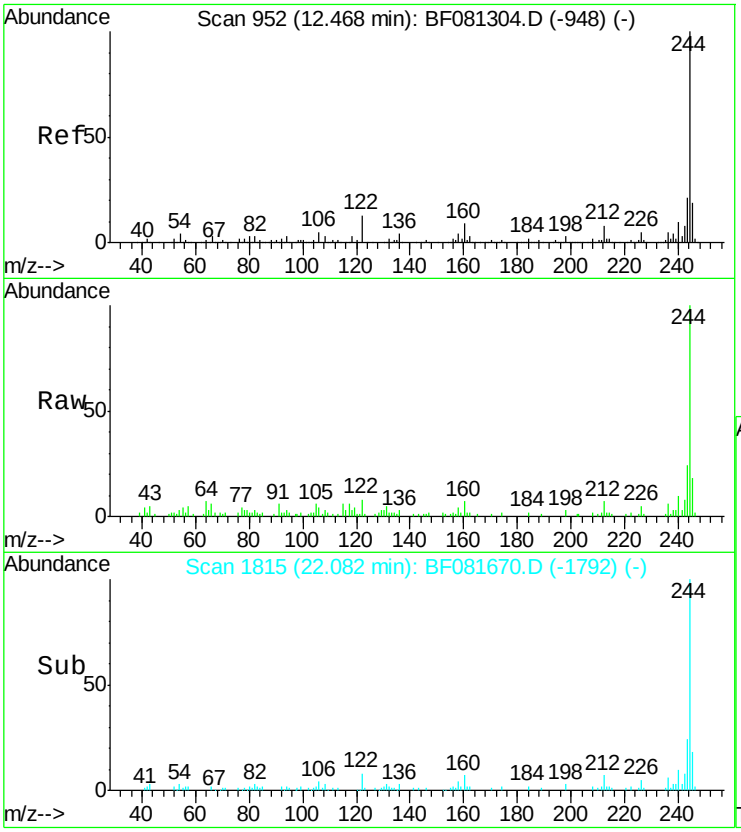


#77
Pyrene
Concen: 35.33 ng
RT: 21.75 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:202 Resp: 252524

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.0	22.4
203	18.2	14.1	21.1



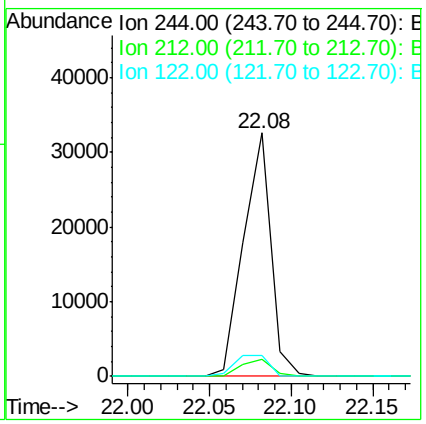


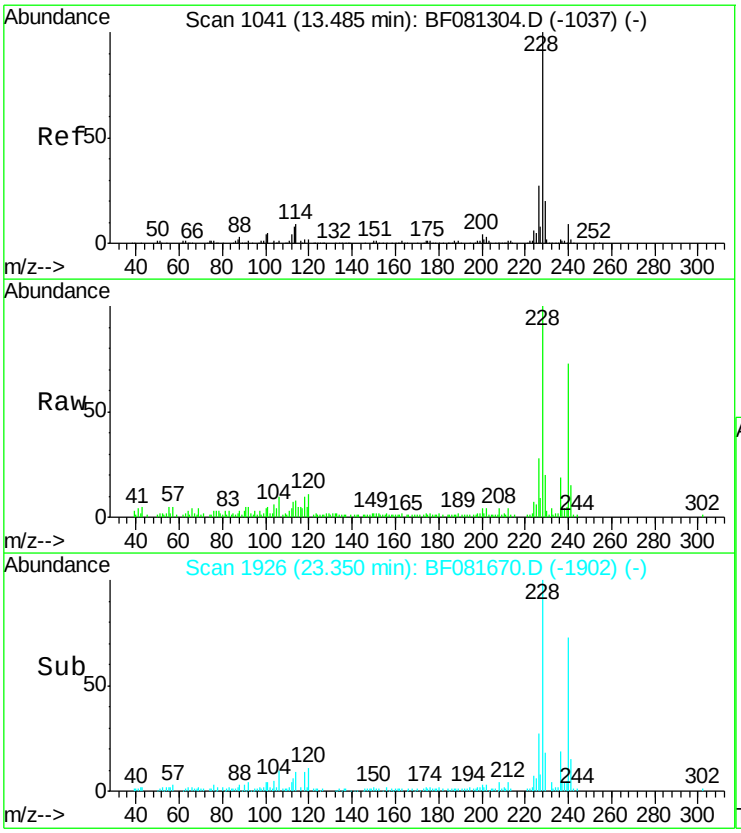
#78
Terphenyl-d14
Concen: 9.09 ng
RT: 22.08 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:244 Resp: 37668

Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.3	6.5#
122	8.4	17.4	26.2#

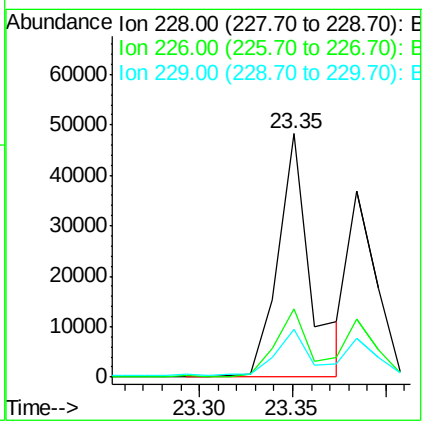


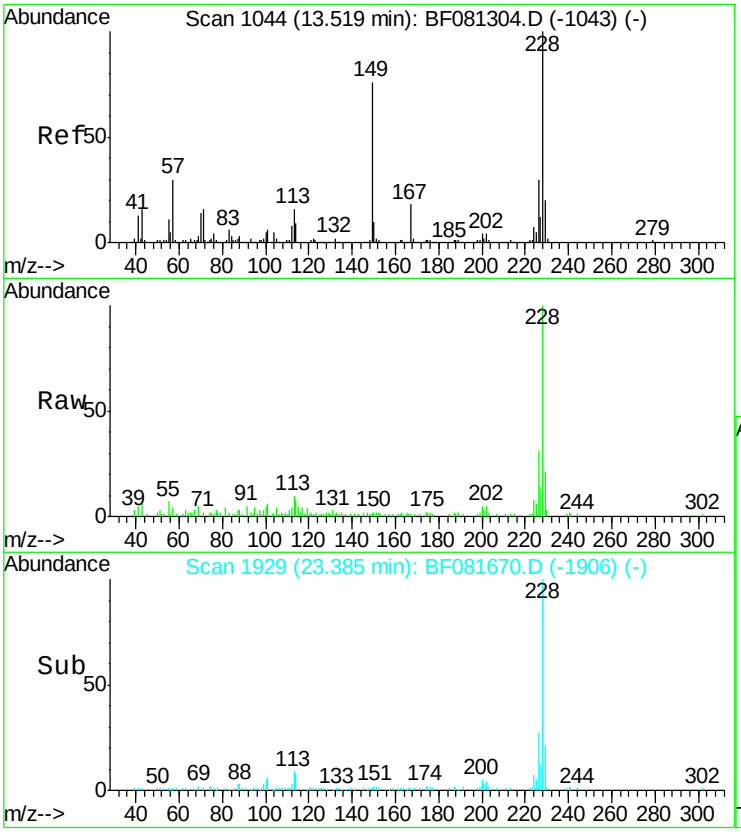


#80
Benzo(a)anthracene
Concen: 9.53 ng
RT: 23.35 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:228 Resp: 58561

Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.0	30.0
229	19.6	15.4	23.2



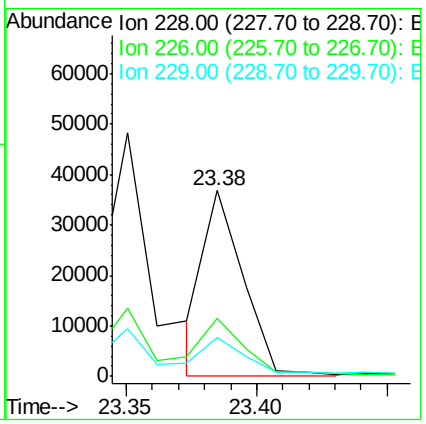


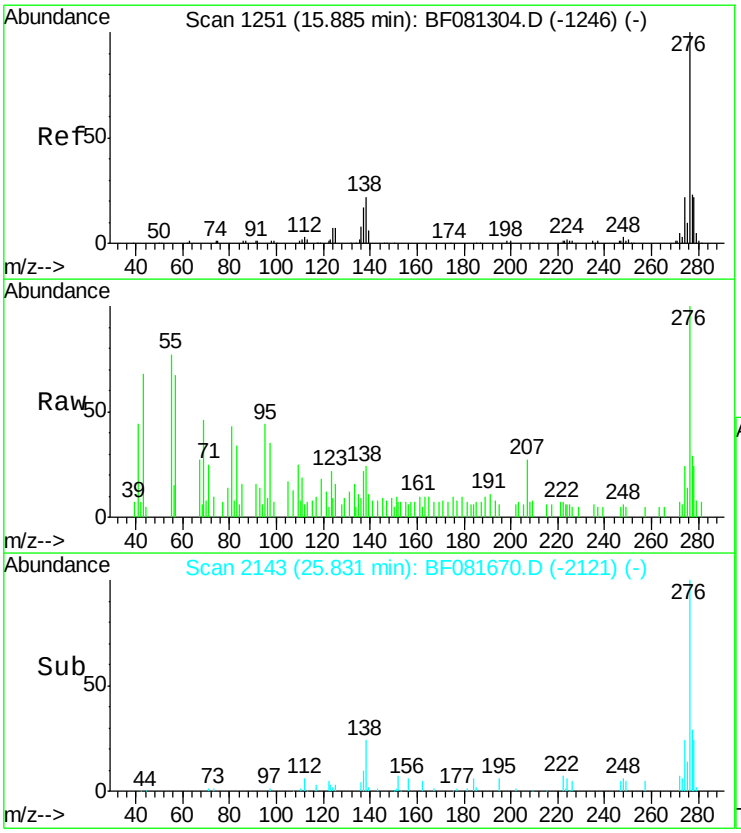
#82
Chrysene
Concen: 7.05 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:228 Resp: 38834

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.0	31.4
229	21.2	15.6	23.4

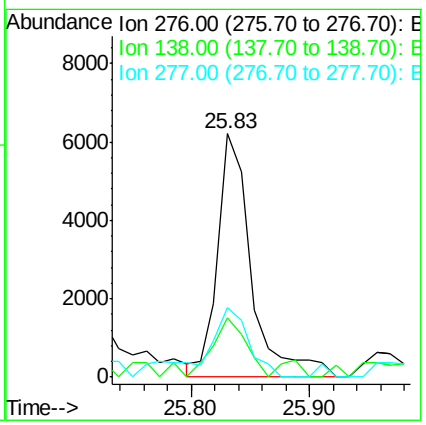


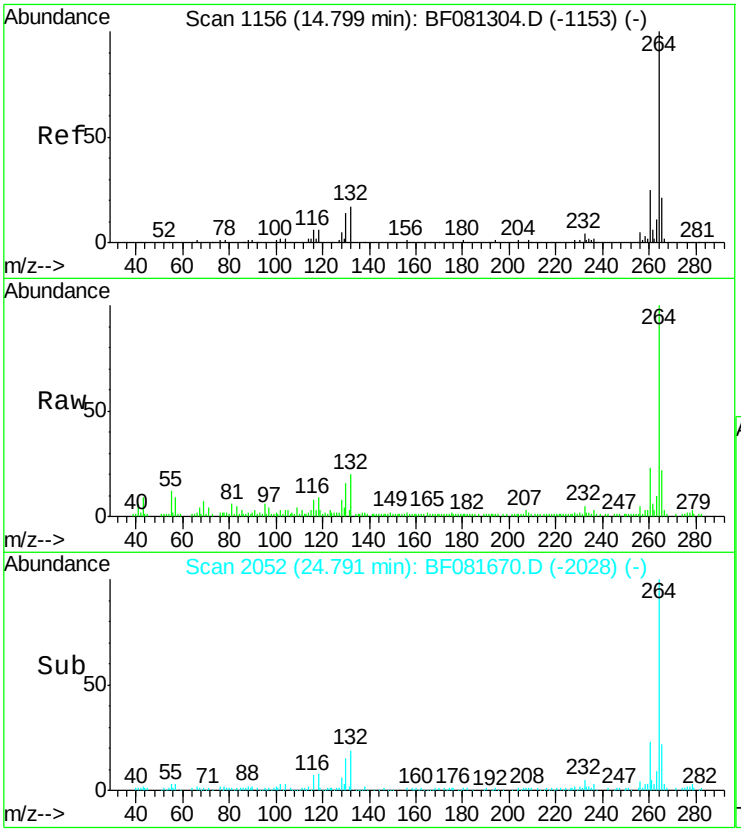


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.04 ng
RT: 25.83 min Scan# 2143
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:276 Resp: 12288

Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.7	38.5
277	29.7	15.6	23.4#



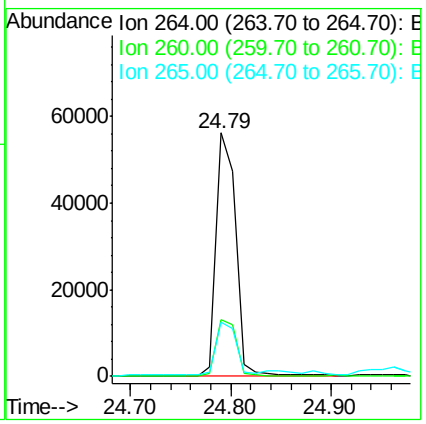


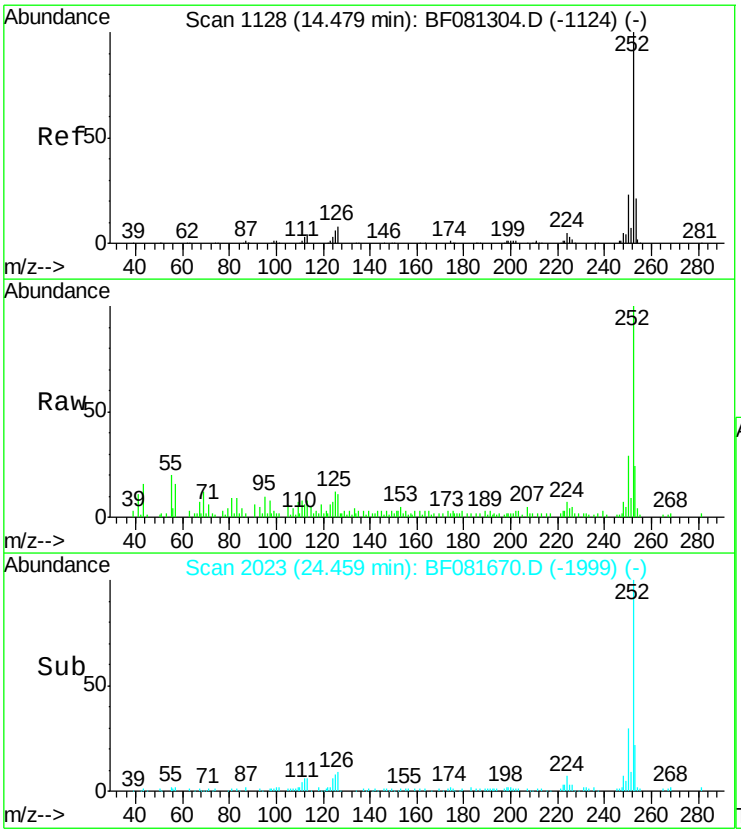
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:264 Resp: 76794

Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.7	25.1
265	22.4	17.2	25.8

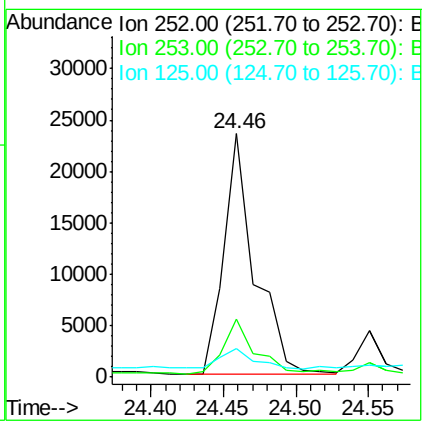


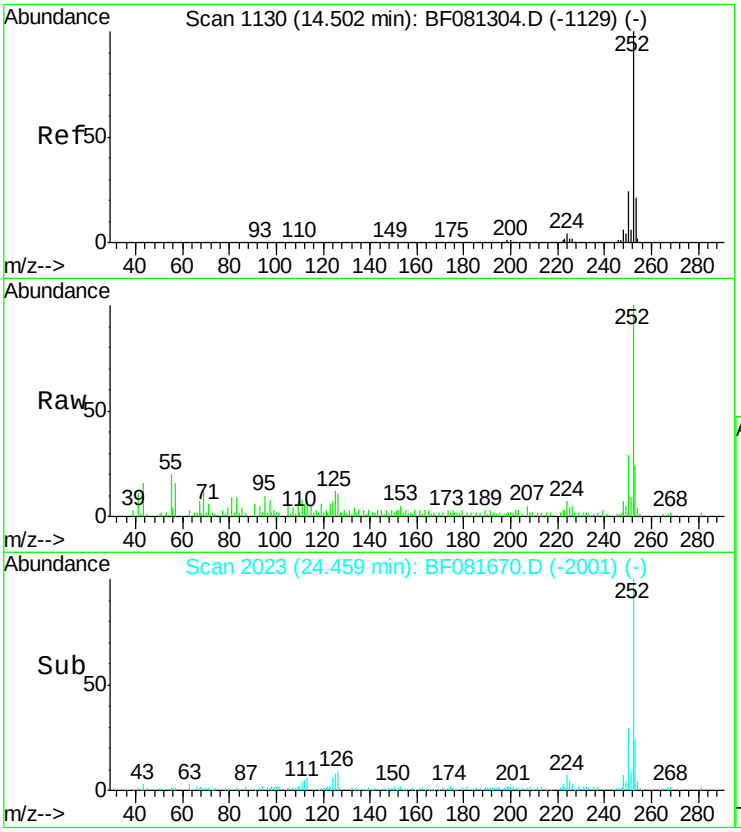


#87
Benzo(b)fluoranthene
Concen: 6.27 ng
RT: 24.46 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:252 Resp: 34403

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	11.6	17.1	25.7#



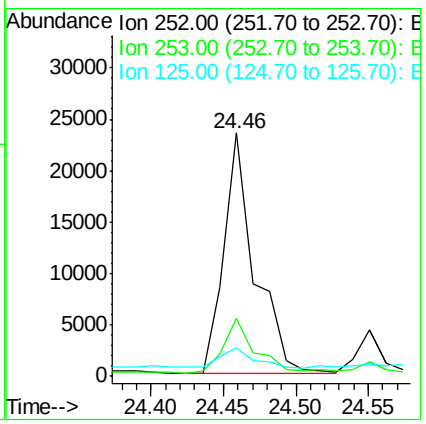


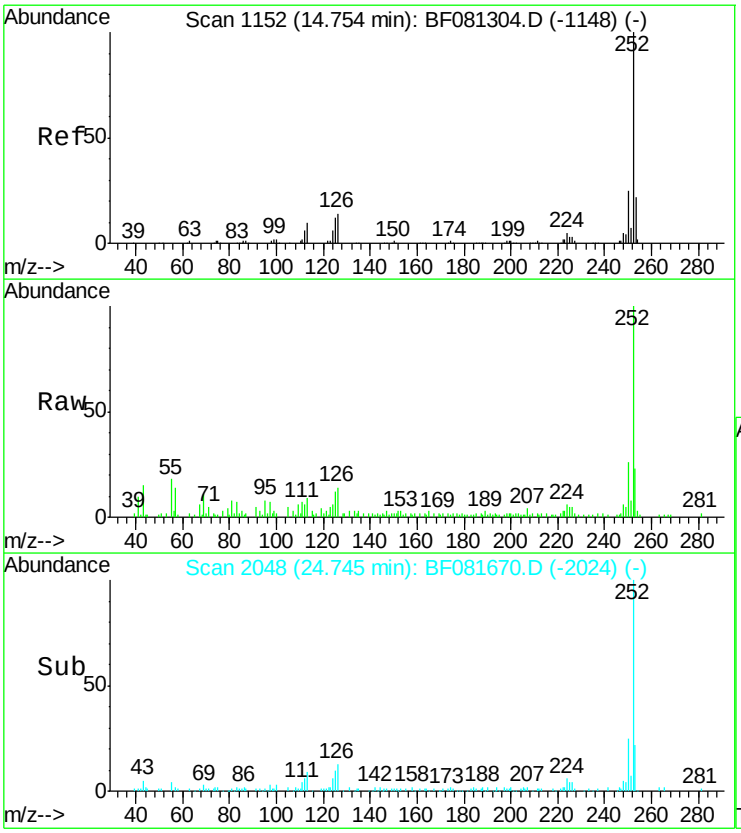
#88
Benzo(k)fluoranthene
Concen: 7.56 ng
RT: 24.46 min Scan# 2023
Delta R.T. -0.05 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:252 Resp: 34403

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	11.6	16.0	24.0#

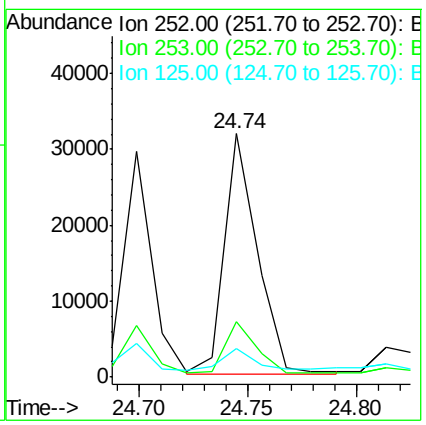


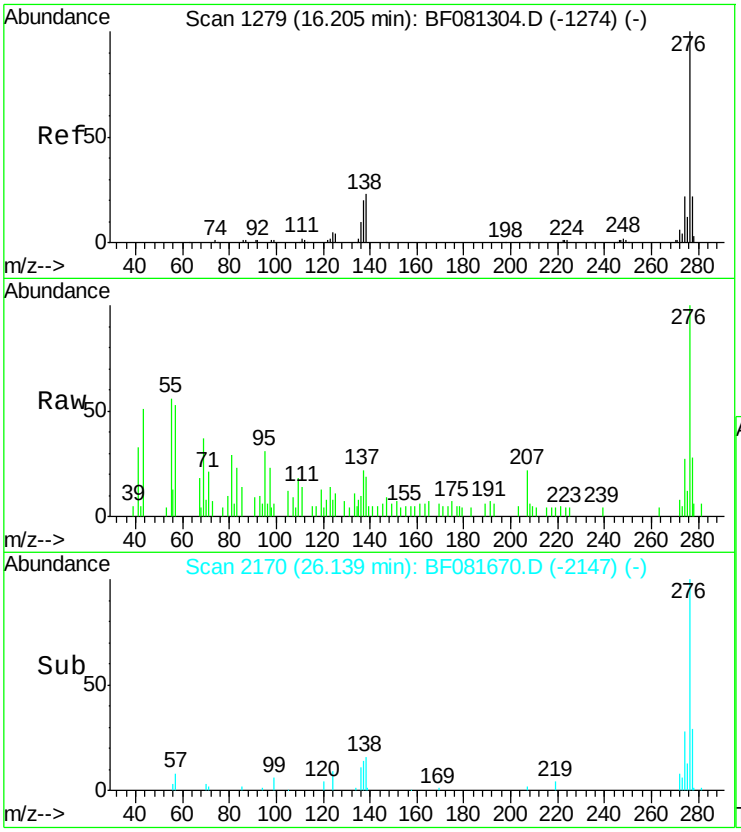


#89
Benzo(a)pyrene
Concen: 7.12 ng
RT: 24.74 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Tgt Ion:252 Resp: 33068

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.7	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 4.41 ng
RT: 26.14 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF081670.D
Acq: 17 Sep 2015 7:16

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)DL

Tgt Ion:276 Resp: 15111

Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.8	26.6#
138	19.3	34.6	51.8#