Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081642.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3654-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP203(2-4)

Quant Time: Sep 16 01:01:33 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	8.23	152	44139	20.00	ng		0.01
21) Naphthalene-d8	11.27	136	64430	20.00	ng		0.15
38) Acenaphthene-d10	15.28	164	74530	20.00	ng		0.02
63) Phenanthrene-d10	18.80	188	137094	20.00	ng		0.05
75) Chrysene-d12	23.41	240	99198	20.00	ng		0.02
86) Perylene-d12	24.84	264	64160	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	318099	111.81	ng		0.02
7) Phenol-d6	7.67	99	441310	117.19	ng		0.02
23) Nitrobenzene-d5	9.54	82	292246	218.84	ng		0.01
41) 2,4,6-Tribromophenol	17.18	330	72635	109.45	ng		0.01
44) 2-Fluorobiphenyl	13.80	172	463184	79.64	ng		0.02
78) Terphenyl-d14	22.14	244	358309	84.08	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.54	88	6569	5.14	ng	#	11
3) Pyridine	2.07	79	215643	61.20	ng	#	23
9) Benzaldehyde	7.27	77	63472	26.90	ng	#	1
18) Hexachloroethane	9.35	117	25595	19.29	ng	#	1
22) Acetophenone	9.36	105	16954	9.63	ng	#	46
24) Nitrobenzene	9.74	77	24445	17.63	ng	#	1
25) Isophorone	10.30	82	7410	2.98	ng	#	1
26) 2-Nitrophenol	10.31	139	12907	21.35	ng	#	1
27) 2,4-Dimethylphenol	10.67	122	2703	2.59	ng	#	61
31) Naphthalene	11.52	128	52027091	15141.17	ng	#	90
32) Benzoic acid	11.47	122	130409	168.24	ng	#	1
35) Caprolactam	12.55	113	2151	7.75	ng	#	41
36) 4-Chloro-3-methylphenol	12.85	107	4283	4.23	ng	#	1
37) 2-Methylnaphthalene	13.02	142	11081013	4955.52	ng	#	89
45) 1,1'-Biphenyl	14.06	154	3752814	547.31	ng		94
47) 2-Nitroaniline	14.26	65	46328	22.96	ng	#	3
48) Acenaphthylene	14.97	152	1214611	138.26	ng		96
49) Dimethylphthalate	14.85	163	65392	11.29	ng	#	98
50) 2,6-Dinitrotoluene	15.03	165	4292	3.27	ng	#	1
51) Acenaphthene	15.37	154	485068	97.06	ng	#	62
52) 3-Nitroaniline	15.37	138	3062	2.05	ng	#	1
53) 2,4-Dinitrophenol	15.68	184	257	7.08	ng	#	1
54) Dibenzofuran	15.77	168	32234	4.42	ng	#	80
55) 4-Nitrophenol	15.93	139	3118	3.32	ng	#	53
57) Fluorene	16.63	166	1360305	245.65	ng		94
61) 4-Nitroaniline	16.63	138	17667	11.69	ng		67
62) Azobenzene	17.08	77	22054	3.26	ng	#	2
70) Phenanthrene	18.92	178	4432311	581.54	ng		96
71) Anthracene	19.01	178	1075359	137.33	ng		96
74) Fluoranthene	21.51	202	1067190	129.34	ng		91
77) Pyrene	21.85	202	2060384	280.40	ng	#	91
79) Butylbenzylphthalate	22.79	149	10150	3.18	ng	#	1
80) Benzo(a)anthracene	23.41	228	539716	85.43	ng		94
82) Chrysene	23.44	228	409784	72.36	ng		93

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081642.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3654-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP203(2-4)

Quant Time: Sep 16 01:01:33 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)
85) Indeno(1,2,3-cd)pyrene	25.89	276	71893	17.30	ng	#	81
87) Benzo(b)fluoranthene	24.50	252	302940	66.14	ng	#	87
88) Benzo(k)fluoranthene	24.50	252	302940	79.70	ng	#	88
89) Benzo(a)pyrene	24.79	252	253374	65.28	ng	#	88
90) Dibenzo(a,h)anthracene	25.89	278	20985	7.00	ng	#	83
91) Benzo(g,h,i)perylene	26.20	276	101445	35.44	ng	#	76

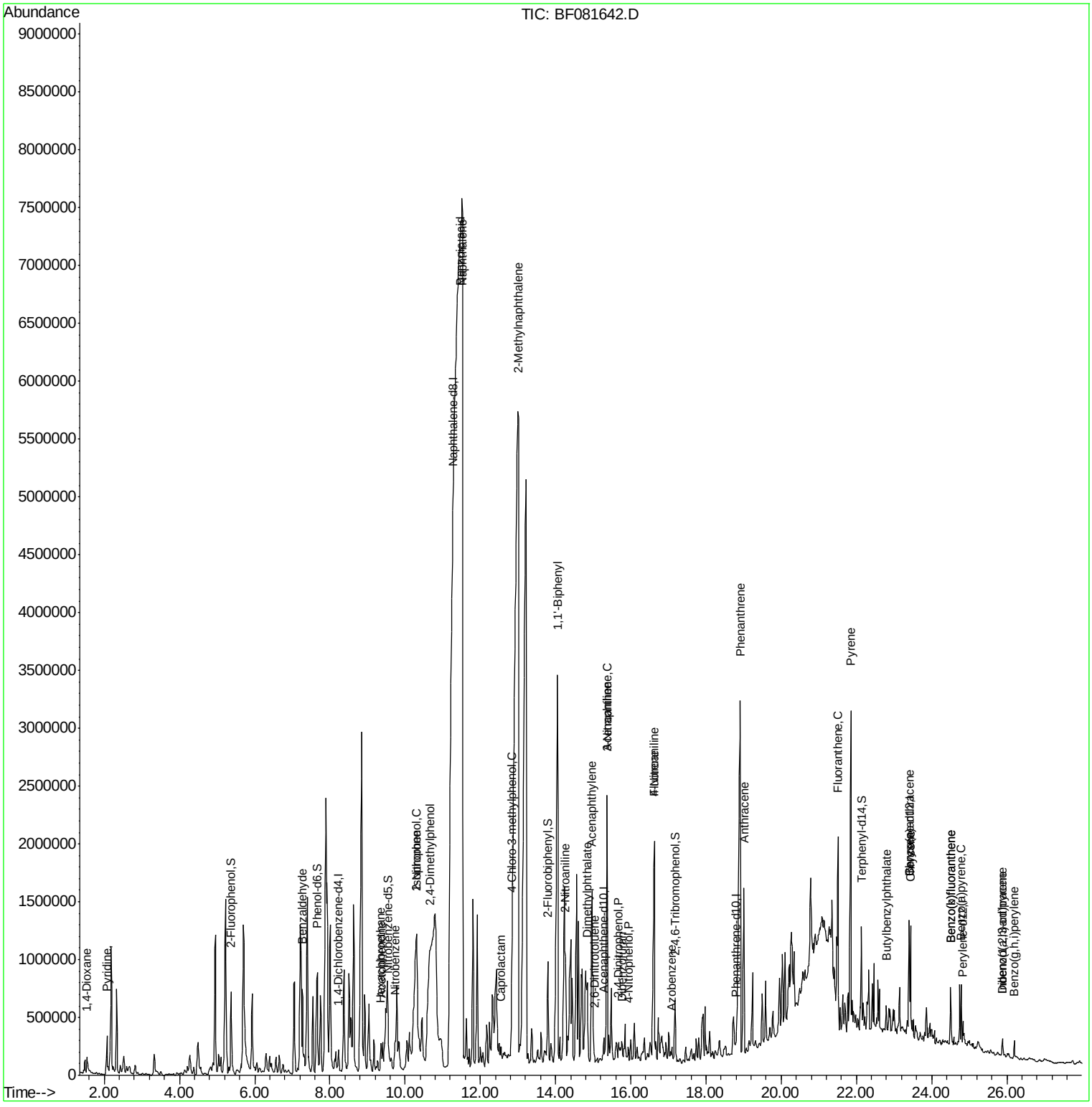
(#) = qualifier out of range (m) = manual integration (+) = signals summed

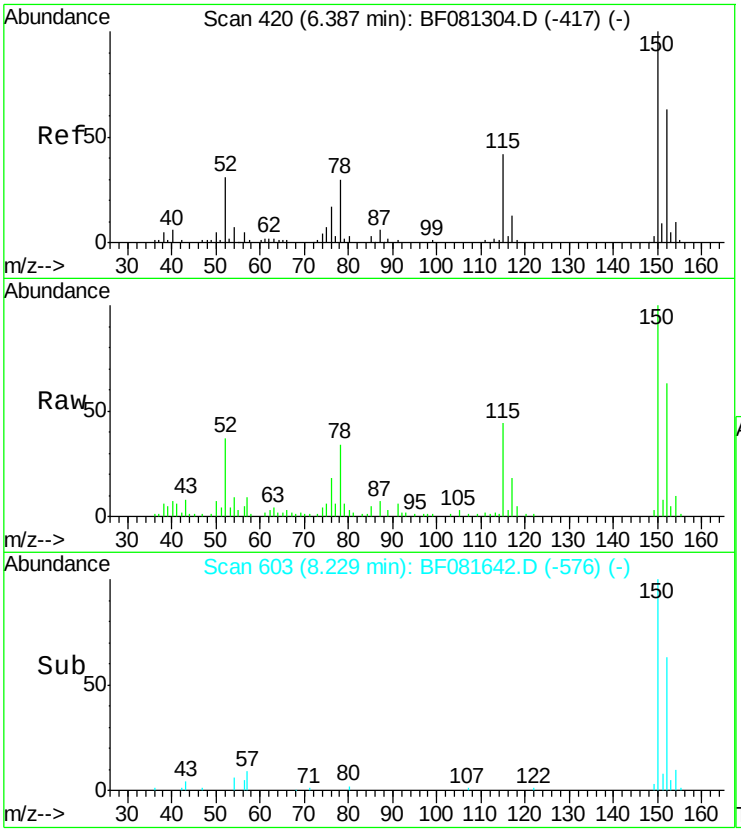
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081642.D
Acq On : 15 Sep 2015 22:51
Operator : UM/IZ
Sample : G3654-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Quant Time: Sep 16 01:01:33 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



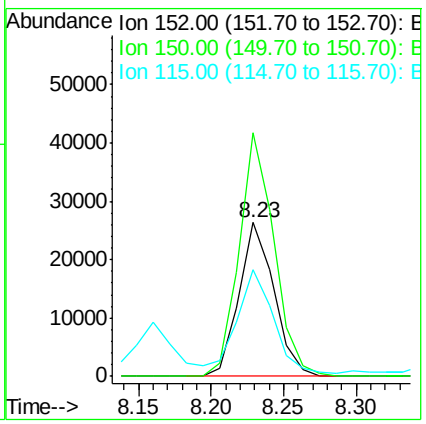


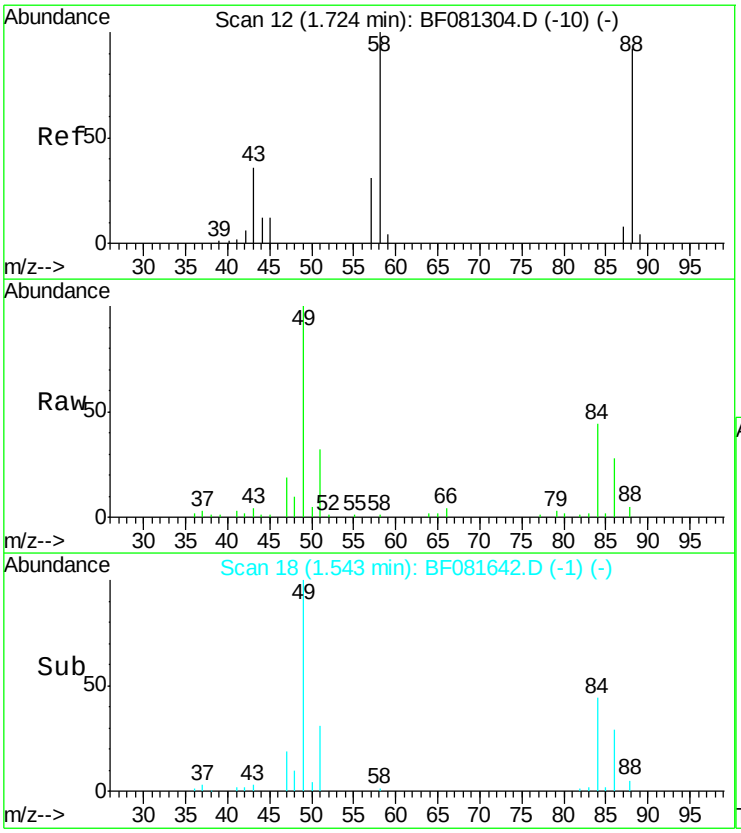
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.23 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:152 Resp: 44139

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.7	187.1
115	69.7	39.0	58.4#

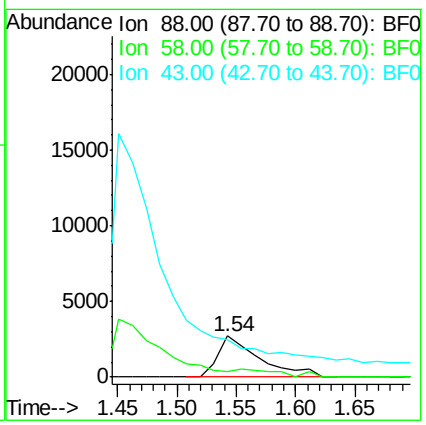


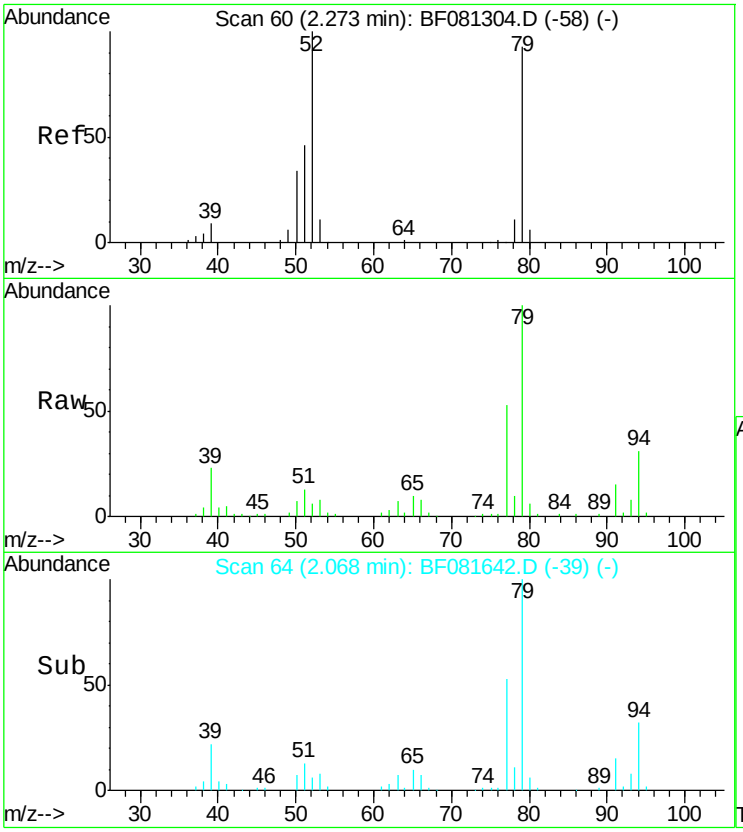


#2
1,4-Dioxane
Concen: 5.14 ng
RT: 1.54 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion: 88 Resp: 6569

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



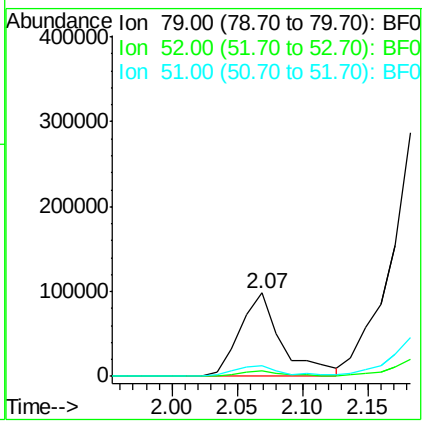


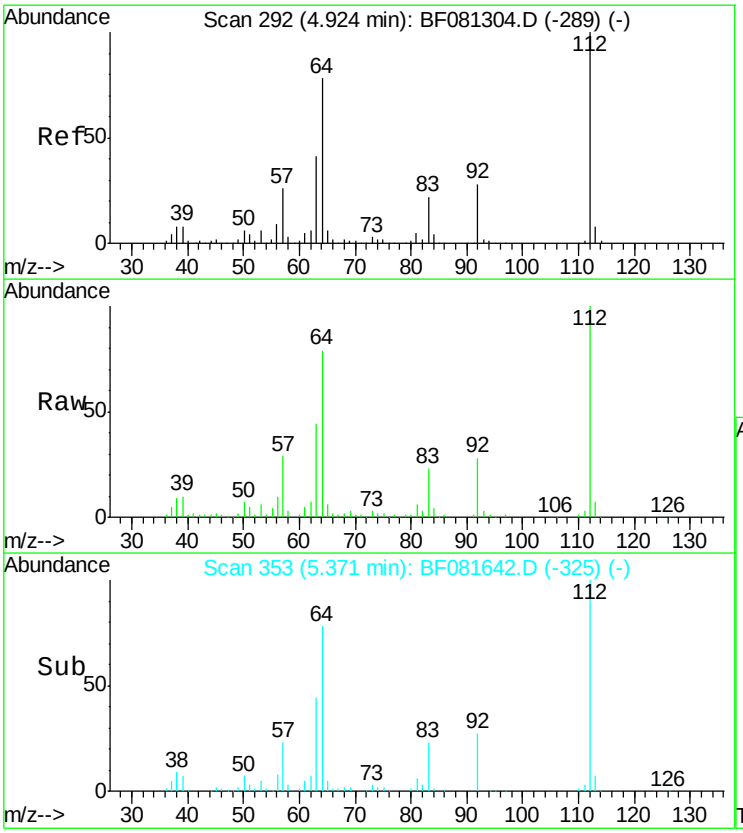
#3
Pyridine
Concen: 61.20 ng
RT: 2.07 min Scan# 64
Delta R.T. -0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion: 79 Resp: 215643

Ion	Ratio	Lower	Upper
79	100		
52	6.3	76.8	115.2#
51	13.4	32.2	48.4#

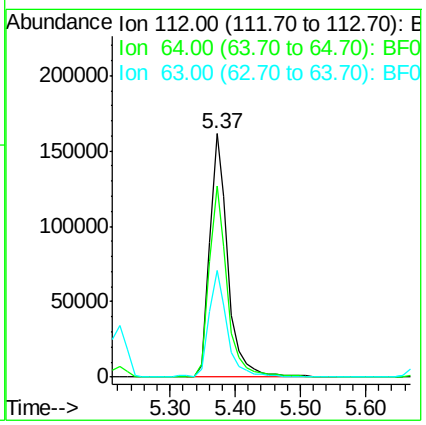


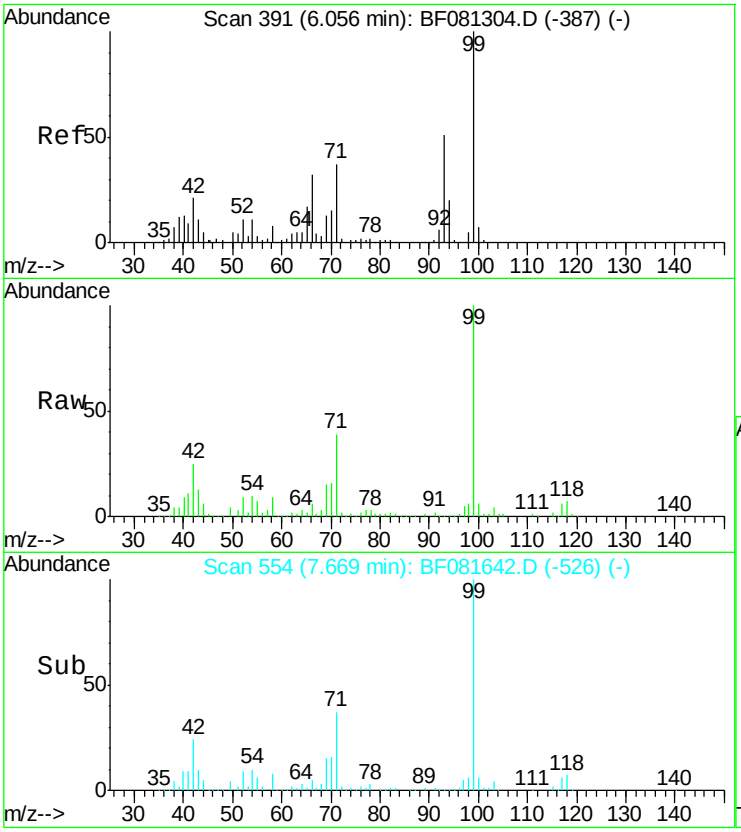


#5
2-Fluorophenol
Concen: 111.81 ng
RT: 5.37 min Scan# 353
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:112 Resp: 318099

Ion	Ratio	Lower	Upper
112	100		
64	78.7	39.7	59.5#
63	44.1	17.4	26.0#



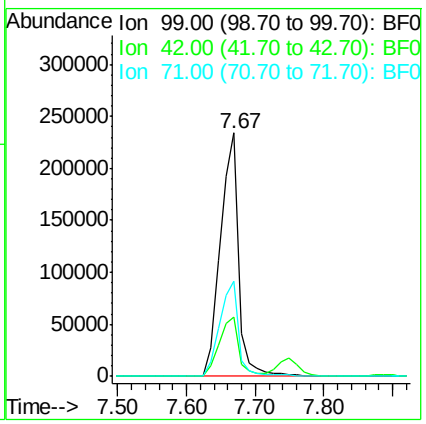


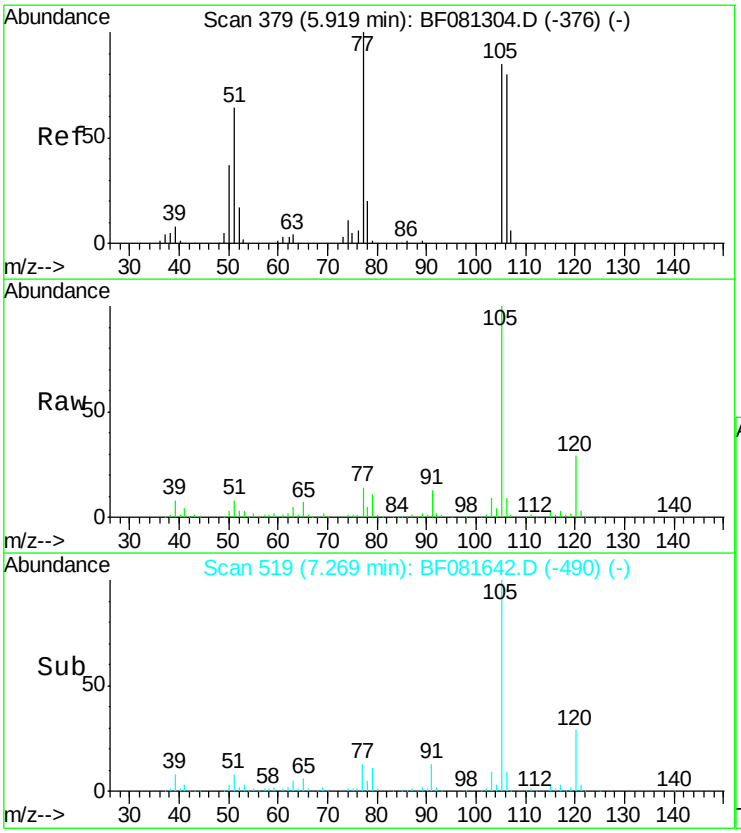
#7
Phenol-d6
Concen: 117.19 ng
RT: 7.67 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion: 99 Resp: 441310

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.7	20.5#
71	38.9	14.2	21.2#

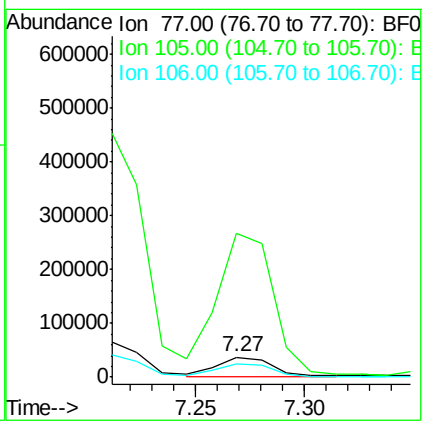


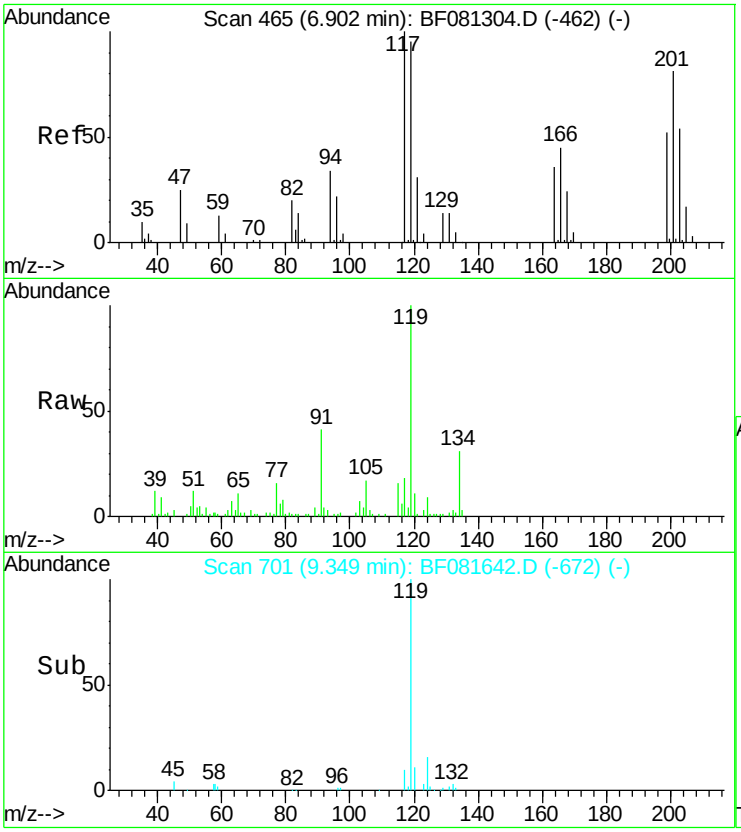


#9
Benzaldehyde
Concen: 26.90 ng
RT: 7.27 min Scan# 519
Delta R.T. 0.03 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion: 77 Resp: 63472

Ion	Ratio	Lower	Upper
77	100		
105	729.2	91.6	131.6#
106	65.2	102.6	142.6#



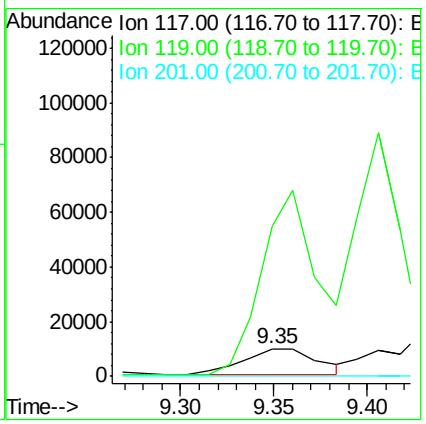


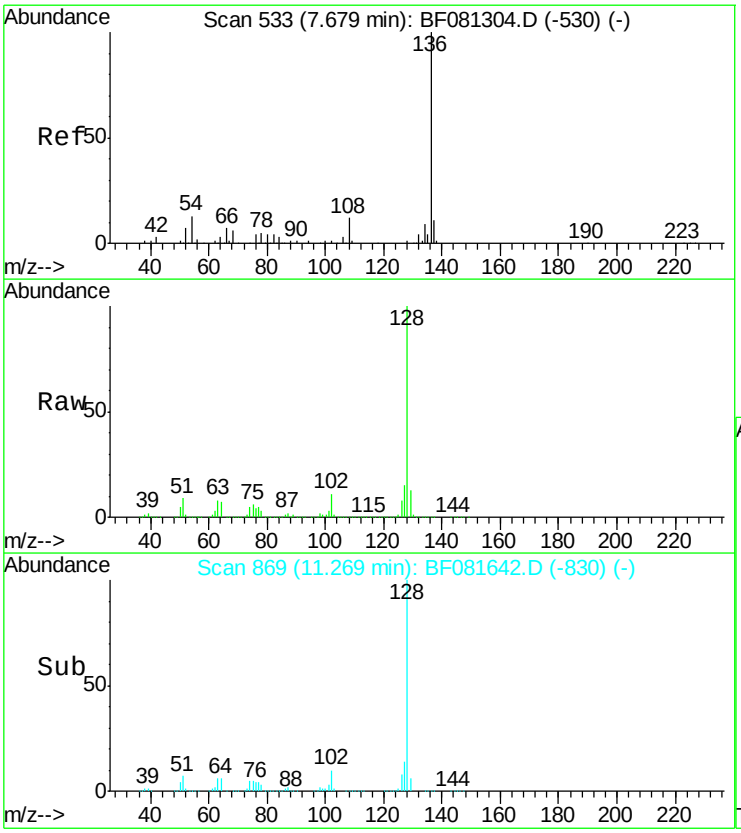
#18
Hexachloroethane
Concen: 19.29 ng
RT: 9.35 min Scan# 701
Delta R.T. 0.03 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:117 Resp: 25595

Ion	Ratio	Lower	Upper
117	100		
119	545.9	83.8	125.6#
201	0.0	55.1	82.7#

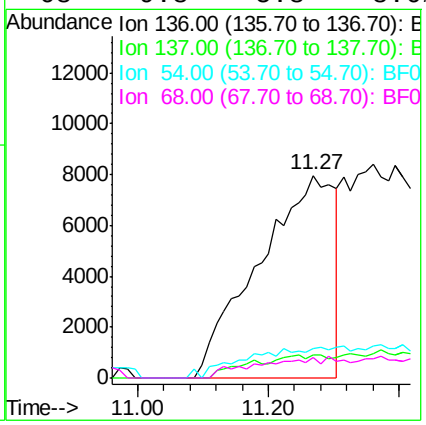


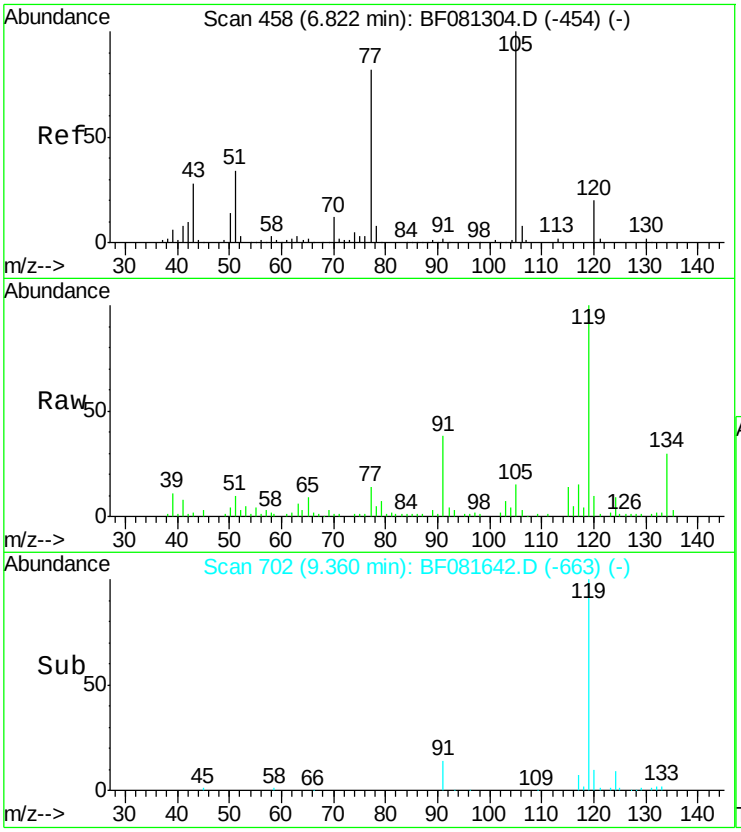


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 869
Delta R.T. 0.15 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:136 Resp: 64430

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	14.8	8.2	12.2#
68	9.8	5.8	8.6#



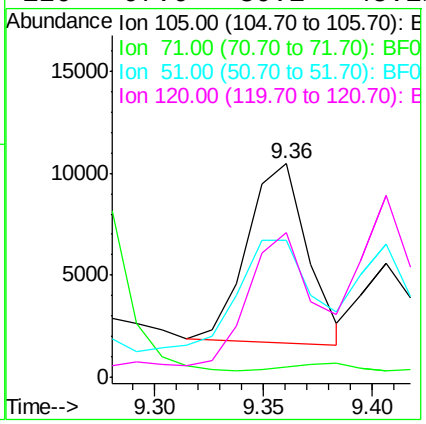


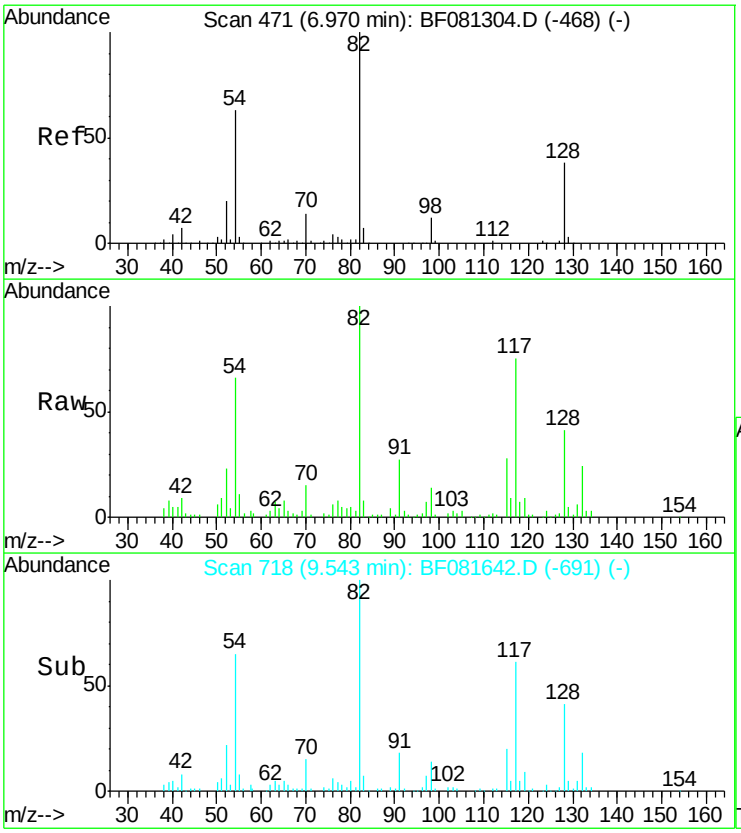
#22
Acetophenone
Concen: 9.63 ng
RT: 9.36 min Scan# 702
Delta R.T. 0.15 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:105 Resp: 16954

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.7	7.1#
51	64.2	22.0	33.0#
120	67.6	30.1	45.1#

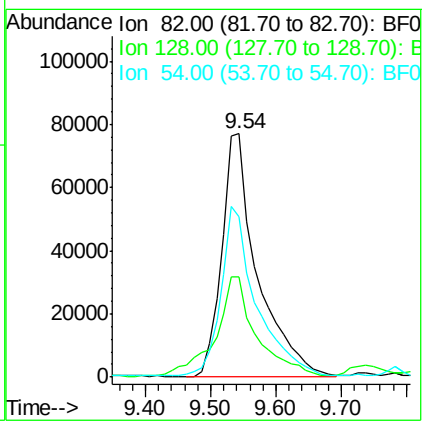


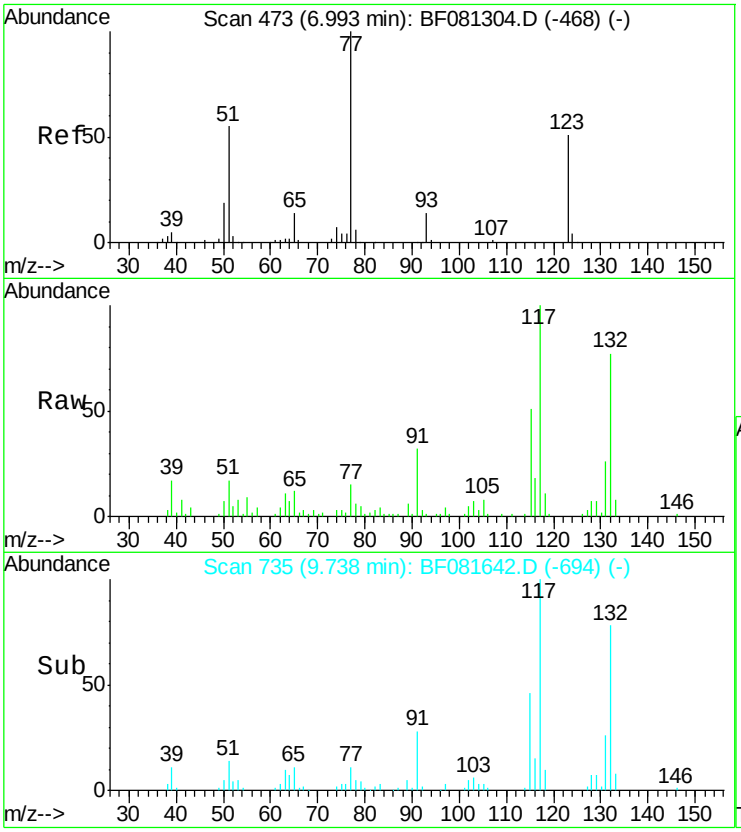


#23
Nitrobenzene-d5
Concen: 218.84 ng
RT: 9.54 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion: 82 Resp: 292246

Ion	Ratio	Lower	Upper
82	100		
128	41.2	51.0	76.6#
54	66.1	47.5	71.3



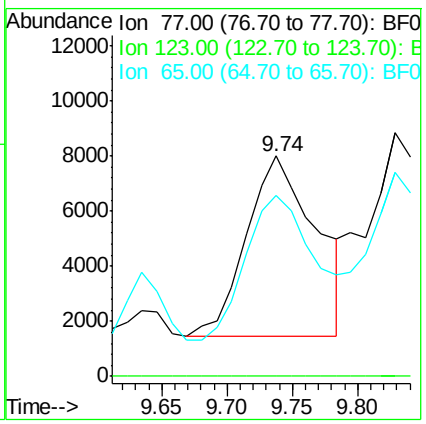


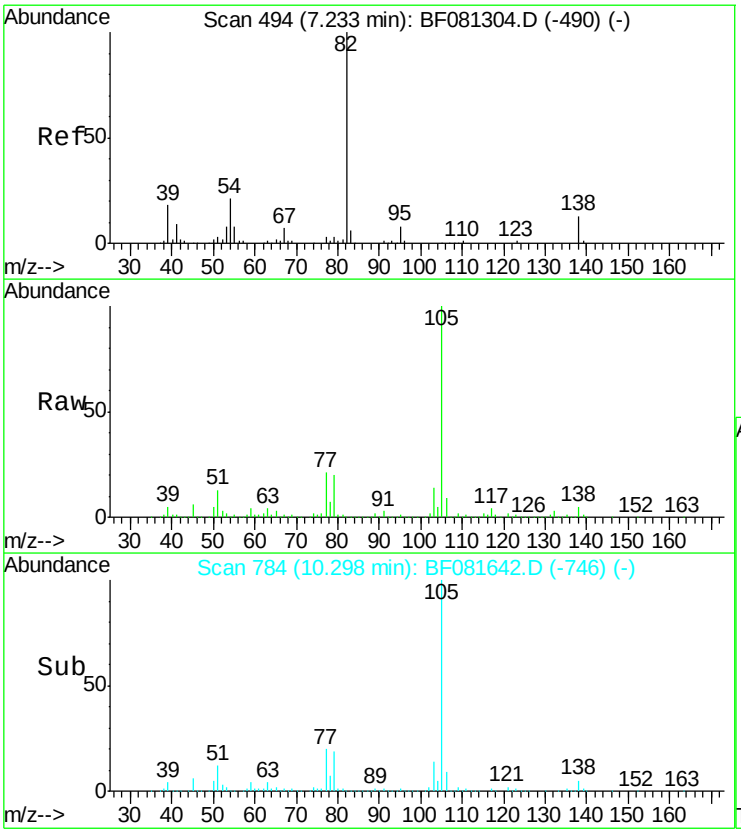
#24
Nitrobenzene
Concen: 17.63 ng
RT: 9.74 min Scan# 735
Delta R.T. 0.17 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion: 77 Resp: 24445

Ion	Ratio	Lower	Upper
77	100		
123	0.0	59.8	89.8#
65	82.2	10.2	15.4#

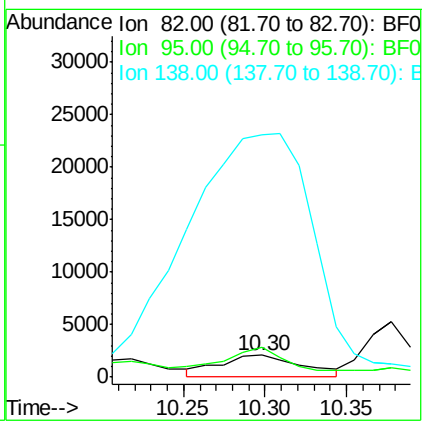


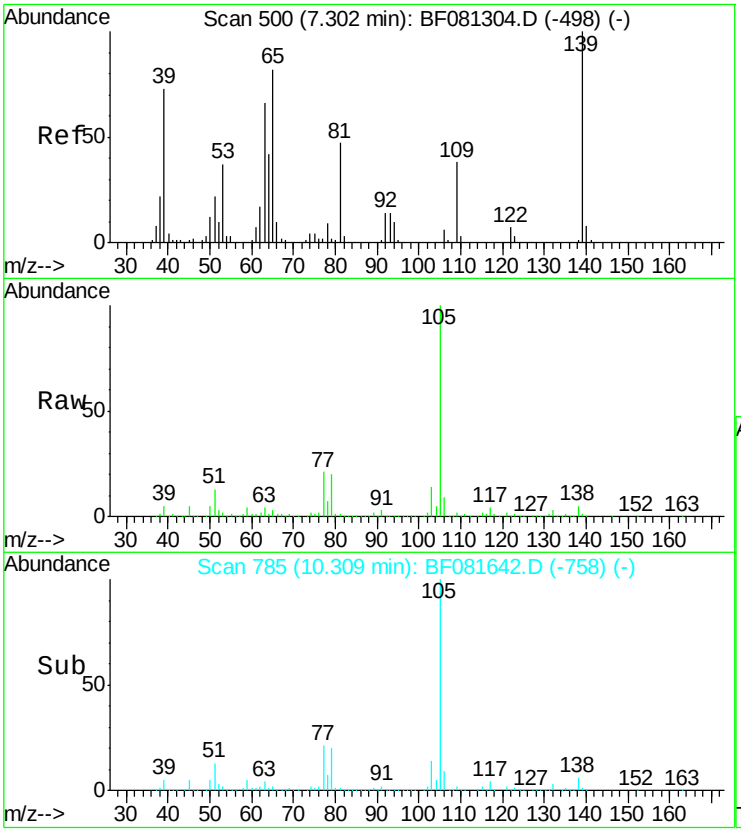


#25
Isophorone
Concen: 2.98 ng
RT: 10.30 min Scan# 784
Delta R.T. 0.14 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion: 82 Resp: 7410

Ion	Ratio	Lower	Upper
82	100		
95	139.5	4.0	6.0#
138	1115.6	18.3	27.5#



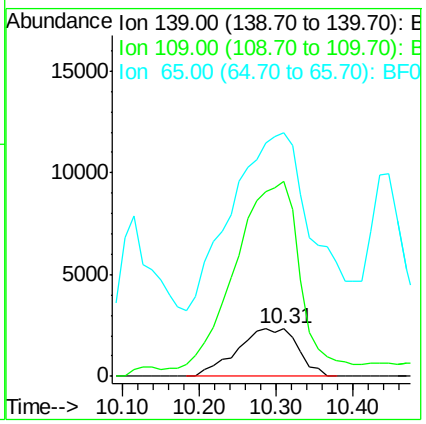


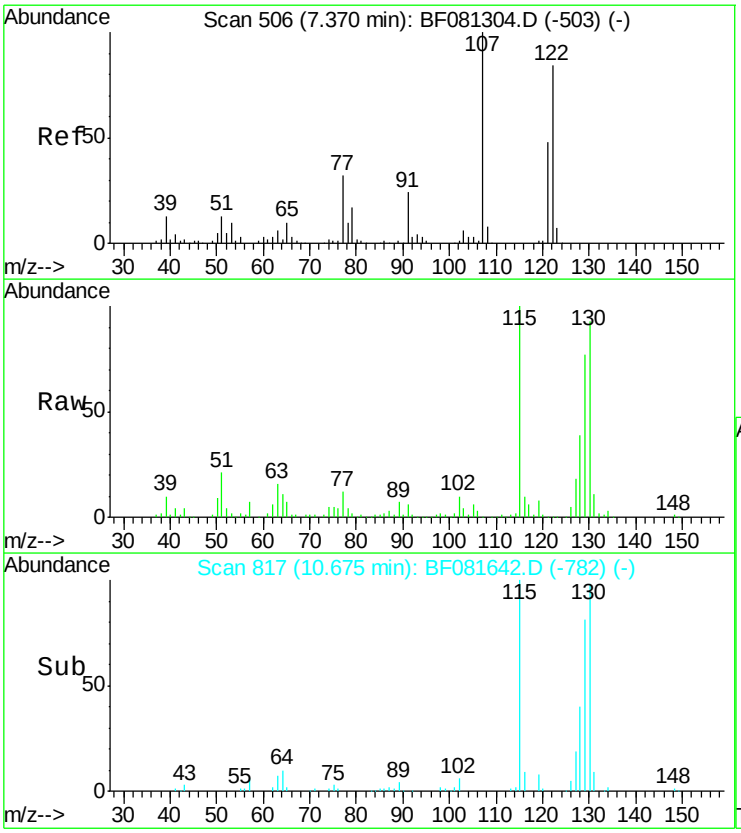
#26
2-Nitrophenol
Concen: 21.35 ng
RT: 10.31 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:139 Resp: 12907

Ion	Ratio	Lower	Upper
139	100		
109	409.2	11.0	16.4#
65	511.0	24.7	37.1#

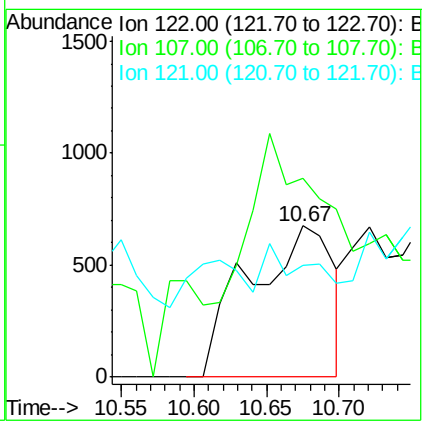


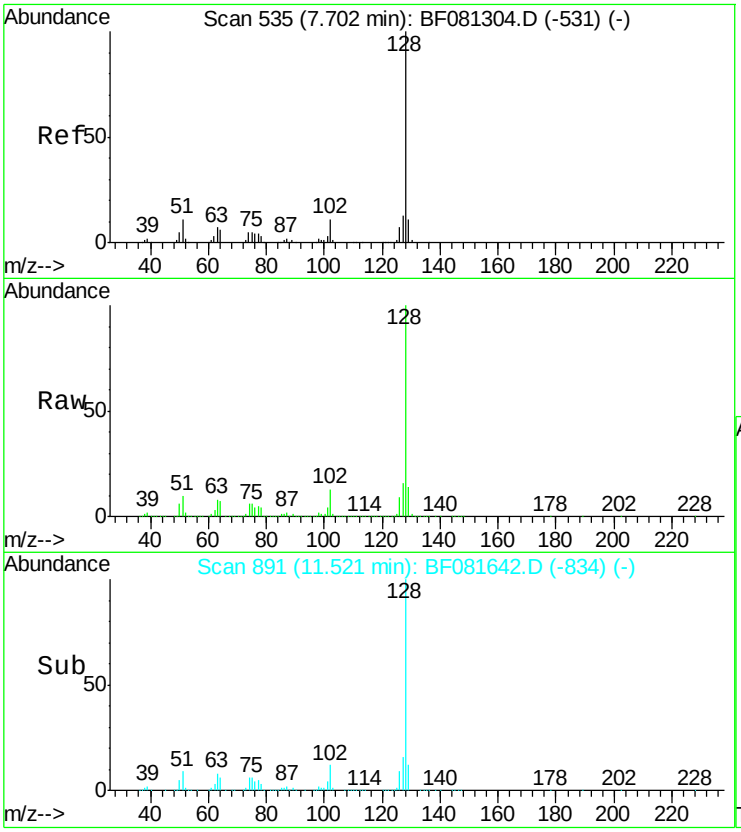


#27
2,4-Dimethylphenol
Concen: 2.59 ng
RT: 10.67 min Scan# 817
Delta R.T. 0.10 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:122 Resp: 2703

Ion	Ratio	Lower	Upper
122	100		
107	131.8	71.8	107.6#
121	73.5	42.3	63.5#



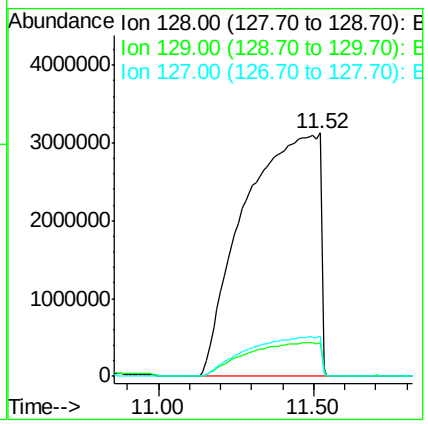


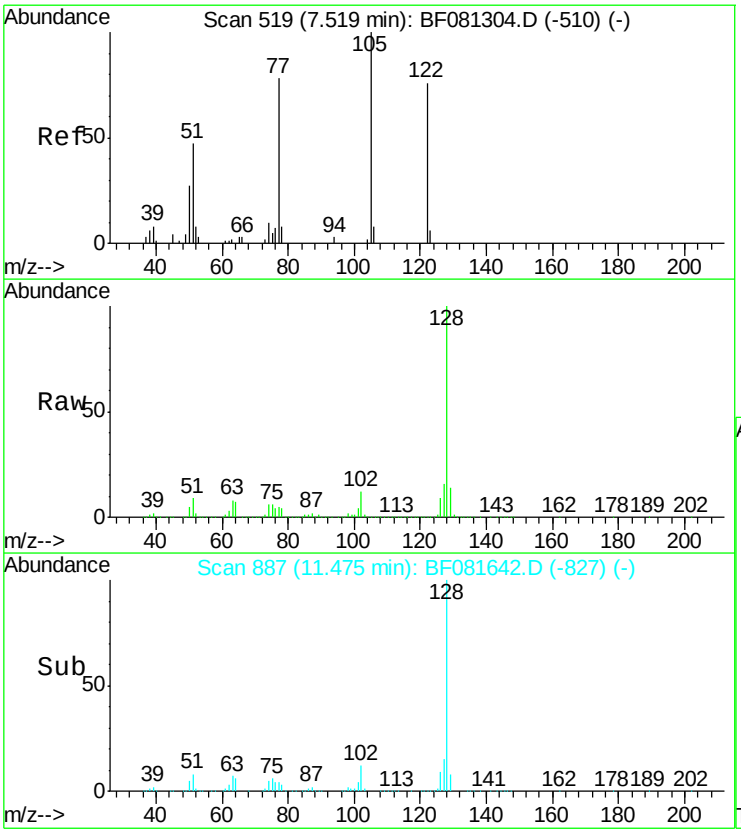
#31
Naphthalene
Concen: 15141.17 ng
RT: 11.52 min Scan# 891
Delta R.T. 0.35 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:128 Resp:52027091

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.4	12.6#
127	16.5	9.9	14.9#

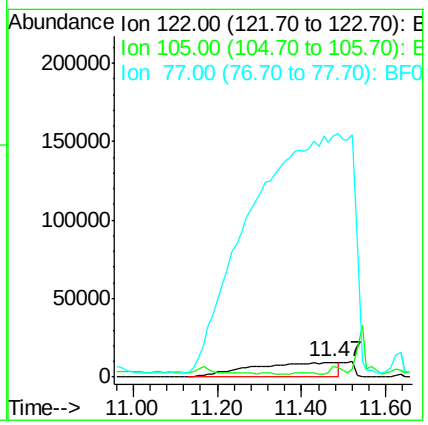


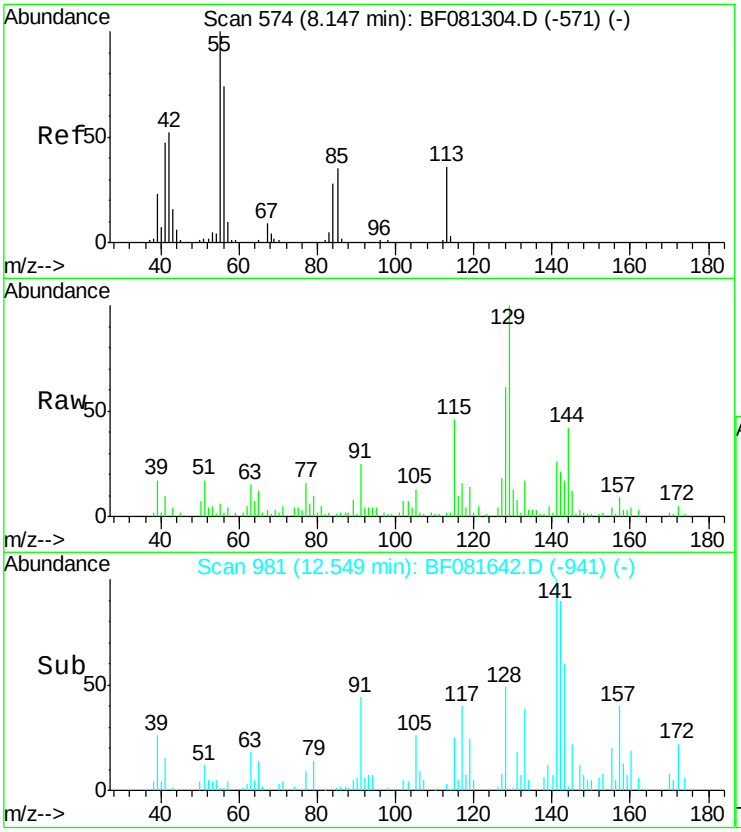


#32
Benzoic acid
Concen: 168.24 ng
RT: 11.47 min Scan# 887
Delta R.T. 0.39 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:122 Resp: 130409

Ion	Ratio	Lower	Upper
122	100		
105	76.0	76.1	116.1#
77	1647.9	40.5	80.5#



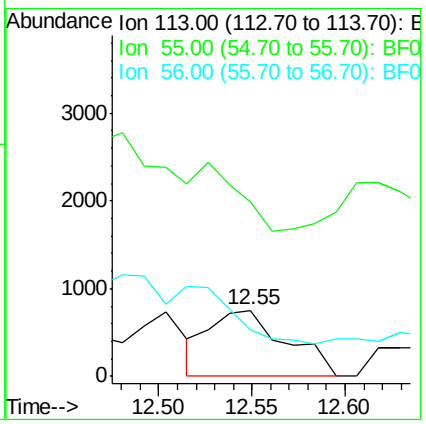


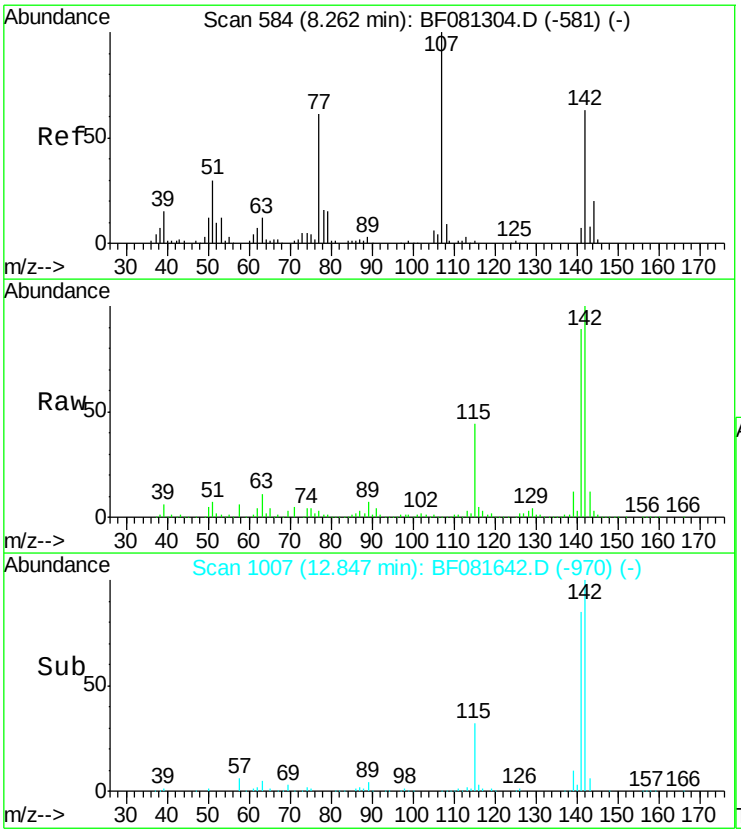
#35
Caprolactam
Concen: 7.75 ng
RT: 12.55 min Scan# 981
Delta R.T. 0.16 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:113 Resp: 2151

Ion	Ratio	Lower	Upper
113	100		
55	263.9	152.4	192.4#
56	70.0	104.6	144.6#

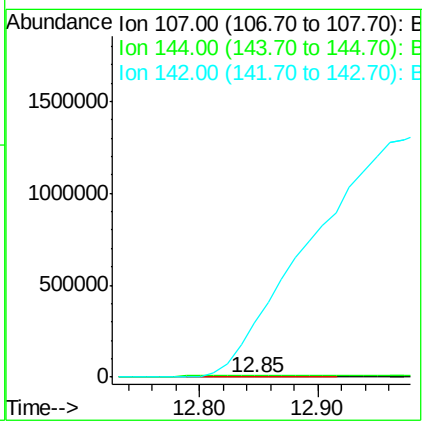


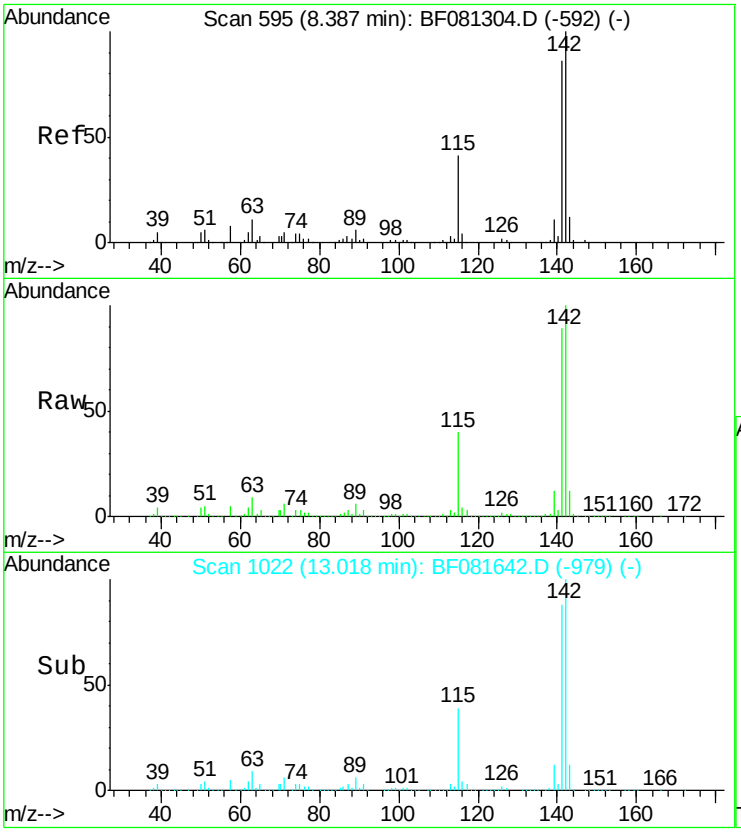


#36
4-Chloro-3-methylphenol
Concen: 4.23 ng
RT: 12.85 min Scan# 1007
Delta R.T. 0.13 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:107 Resp: 4283

Ion	Ratio	Lower	Upper
107	100		
144	628.4	25.4	38.0#
142	20814.8	77.3	115.9#



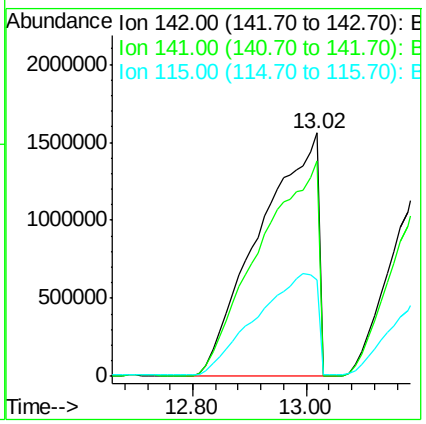


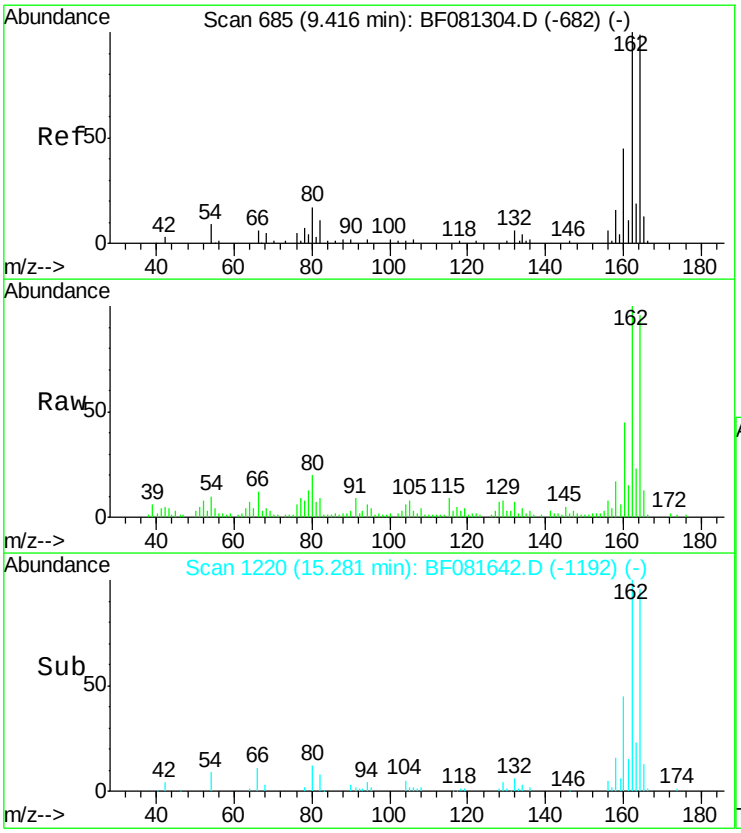
#37
2-Methylnaphthalene
Concen: 4955.52 ng
RT: 13.02 min Scan# 1022
Delta R.T. 0.19 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:142 Resp:11081013

Ion	Ratio	Lower	Upper
142	100		
141	88.5	67.5	101.3
115	39.8	18.2	27.2#

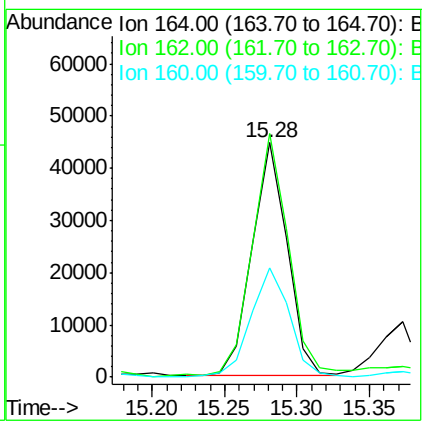


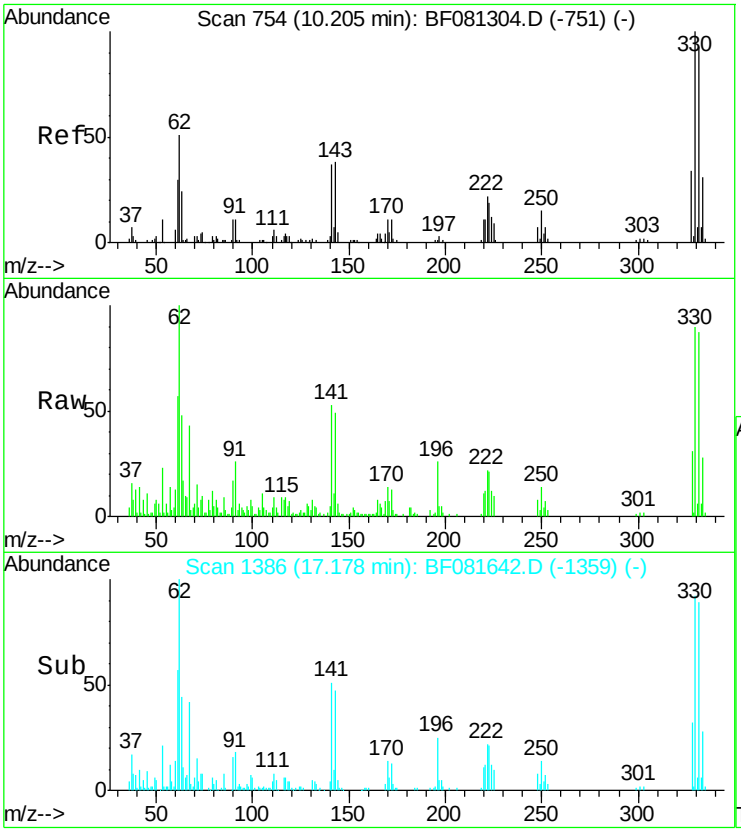


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.28 min Scan# 1220
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:164 Resp: 74530

Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	46.9	31.5	47.3



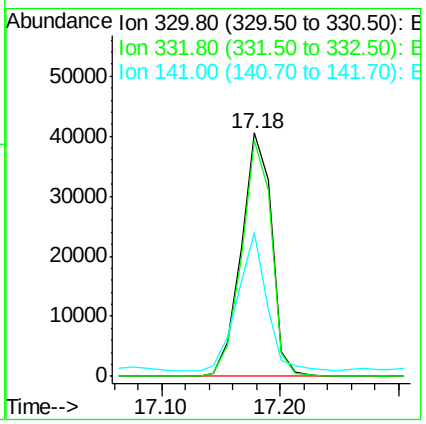


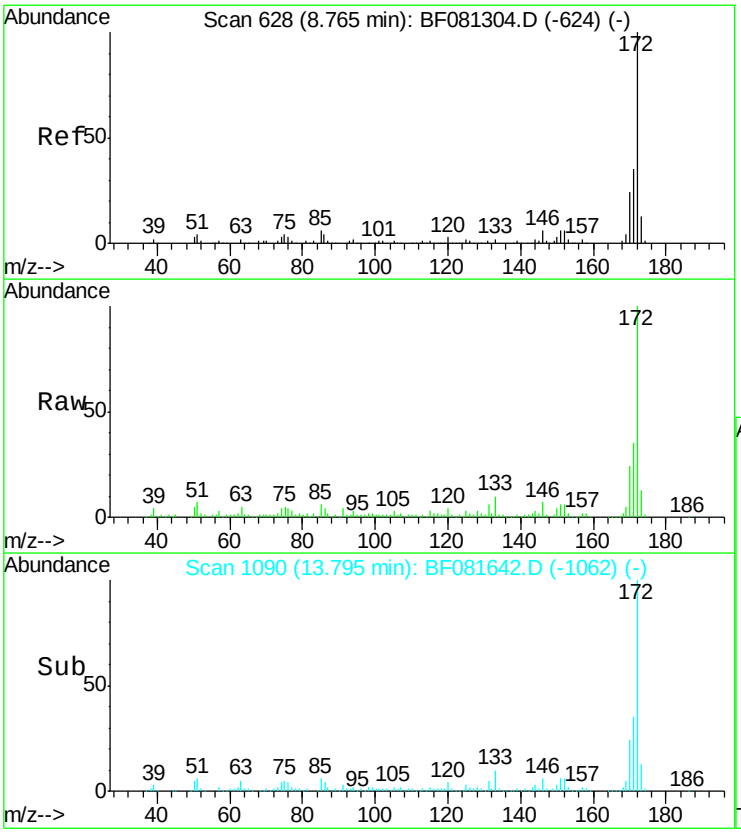
#41
2,4,6-Tribromophenol
Concen: 109.45 ng
RT: 17.18 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:330 Resp: 72635

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	54.4	29.7	44.5#

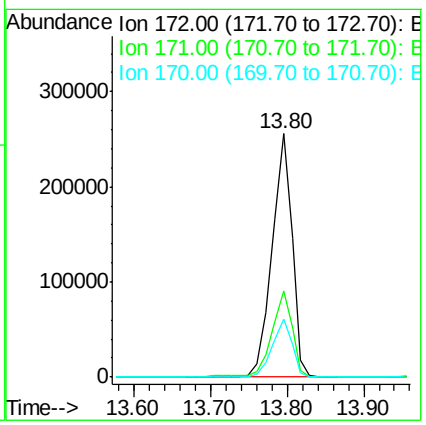


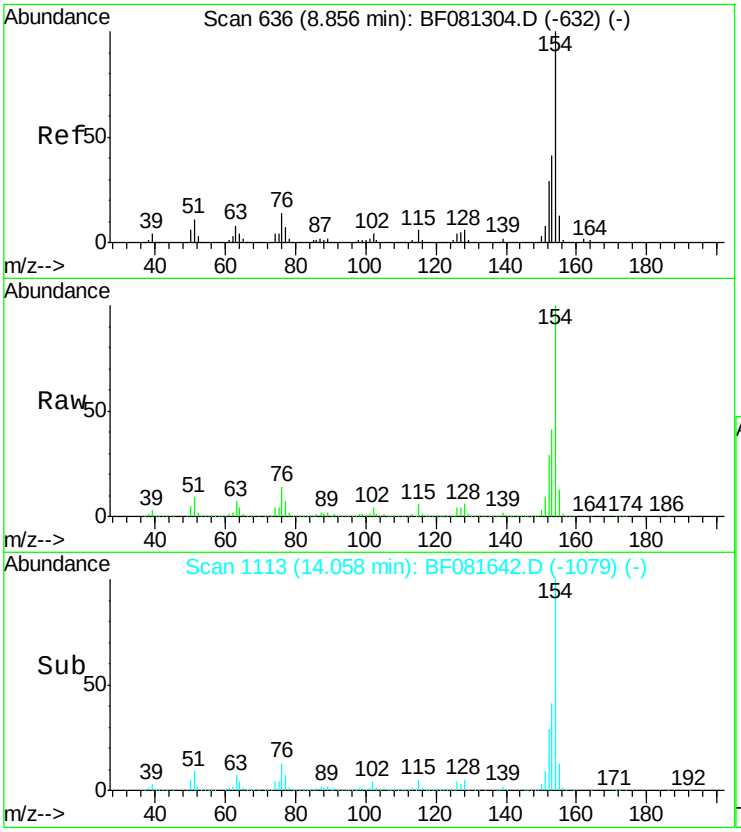


#44
2-Fluorobiphenyl
Concen: 79.64 ng
RT: 13.80 min Scan# 1090
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:172 Resp: 463184

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	24.0	17.4	26.2



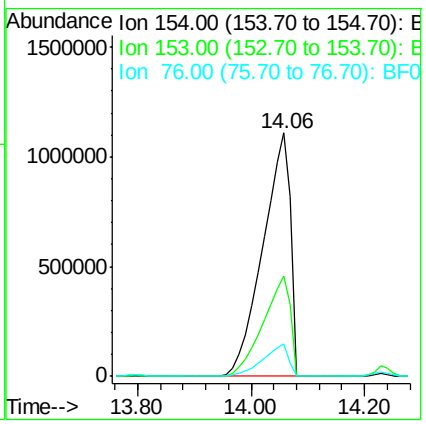


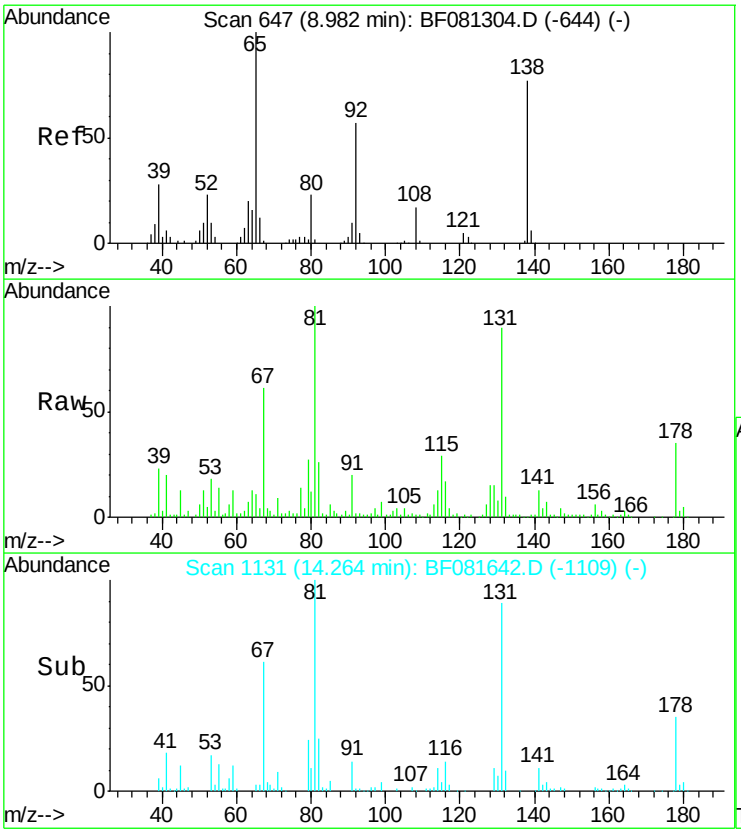
#45
1,1'-Biphenyl
Concen: 547.31 ng
RT: 14.06 min Scan# 1113
Delta R.T. 0.09 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:154 Resp: 3752814

Ion	Ratio	Lower	Upper
154	100		
153	41.2	17.1	57.1
76	13.5	0.0	31.6

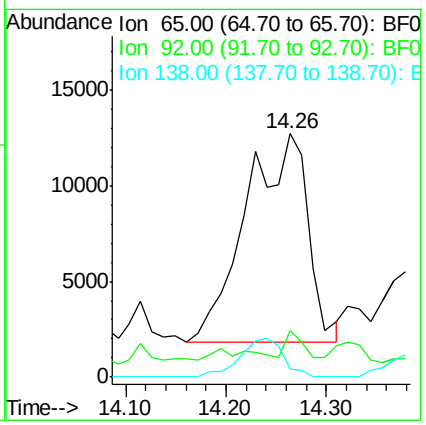


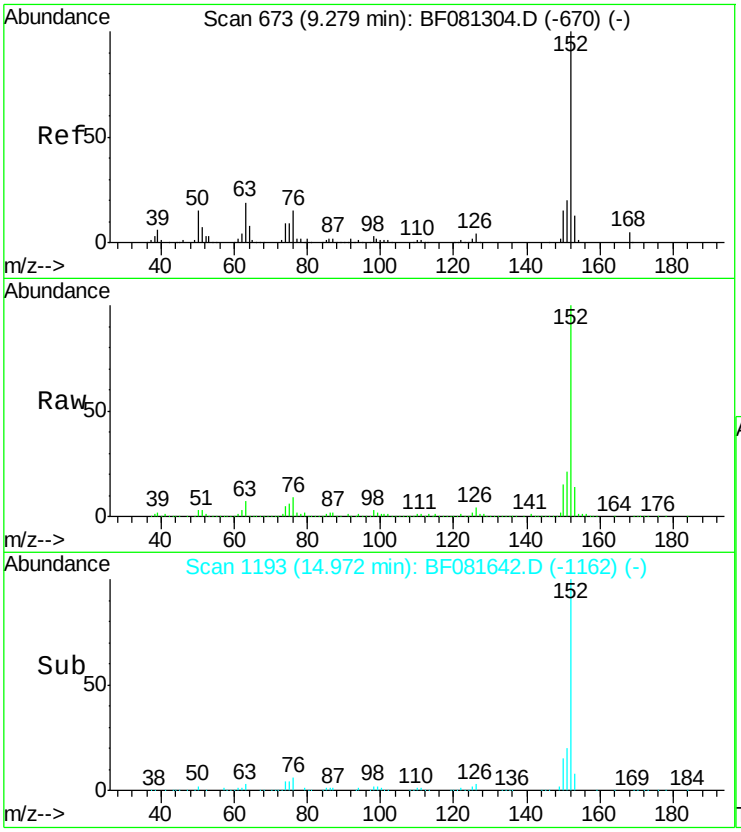


#47
2-Nitroaniline
Concen: 22.96 ng
RT: 14.26 min Scan# 1131
Delta R.T. -0.05 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion: 65 Resp: 46328

Ion	Ratio	Lower	Upper
65	100		
92	19.3	55.4	83.0#
138	3.3	115.5	173.3#



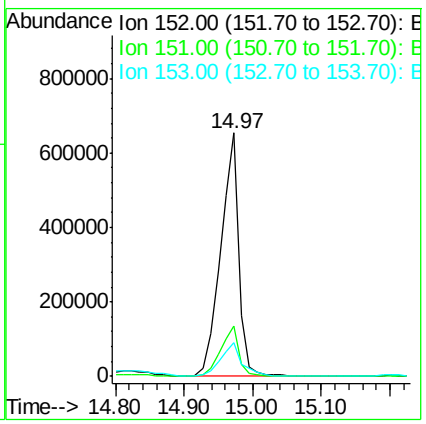


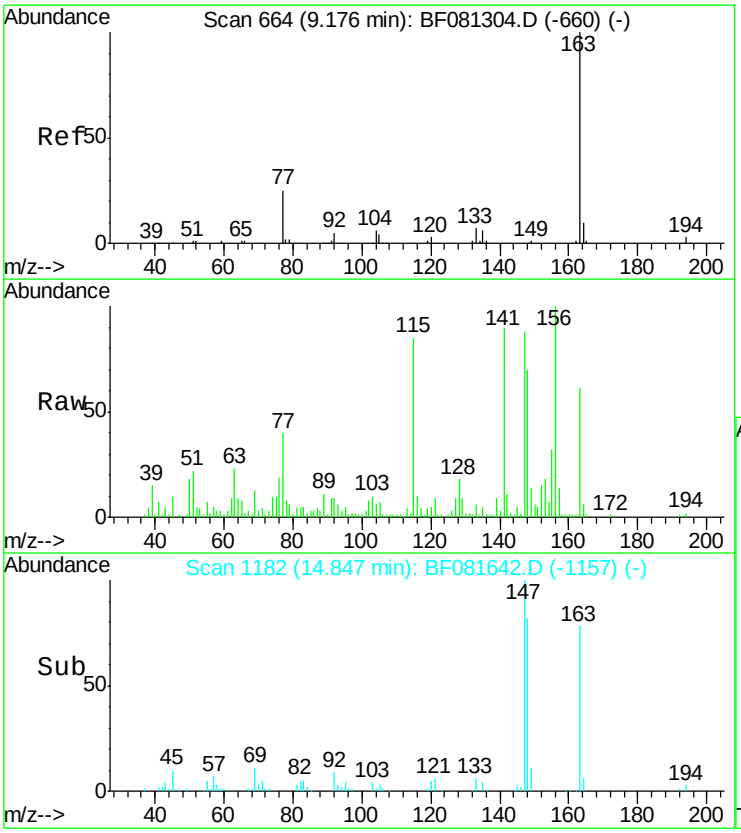
#48
Acenaphthylene
Concen: 138.26 ng
RT: 14.97 min Scan# 1193
Delta R.T. 0.06 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:152 Resp: 1214611

Ion	Ratio	Lower	Upper
152	100		
151	20.6	14.6	22.0
153	13.6	10.3	15.5

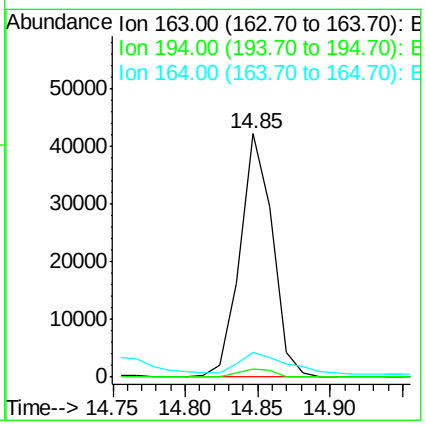


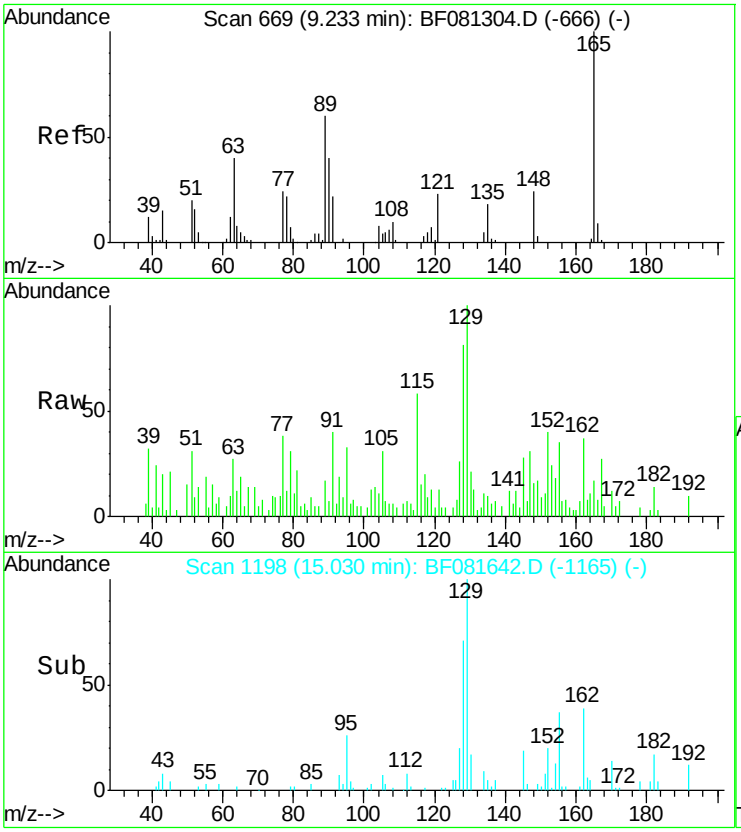


#49
Dimethylphthalate
Concen: 11.29 ng
RT: 14.85 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:163 Resp: 65392

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.3	8.3	12.5



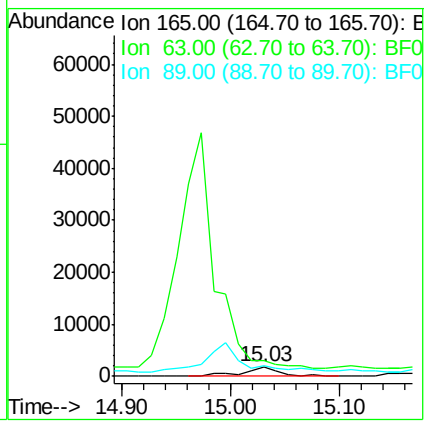


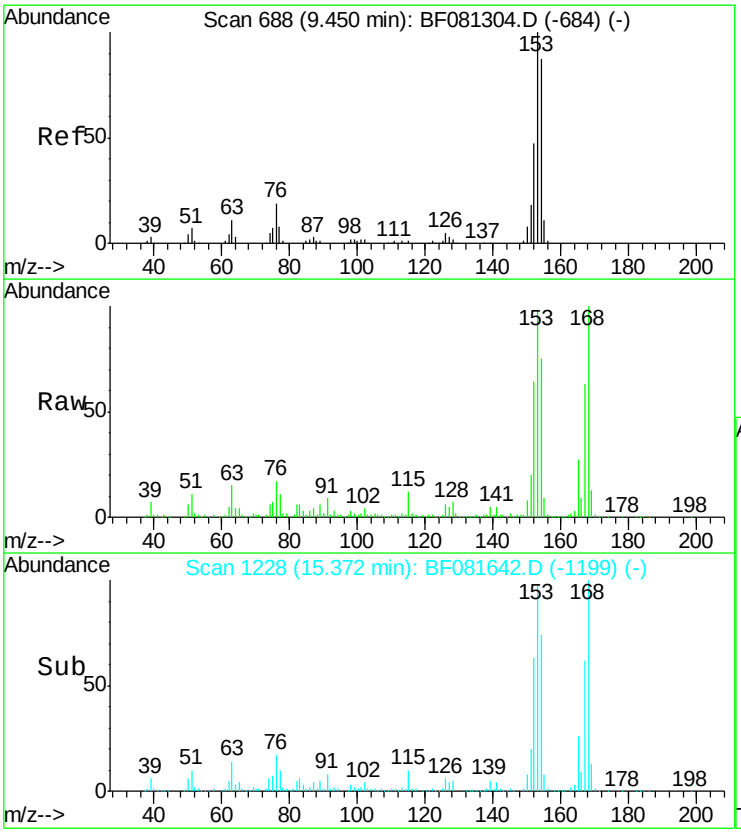
#50
2,6-Dinitrotoluene
Concen: 3.27 ng
RT: 15.03 min Scan# 1198
Delta R.T. 0.08 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:165 Resp: 4292

Ion	Ratio	Lower	Upper
165	100		
63	160.3	32.3	48.5#
89	104.5	28.6	43.0#

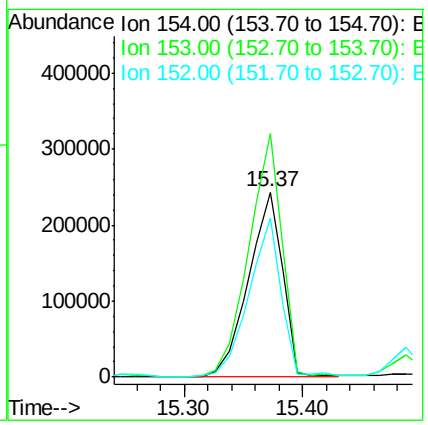


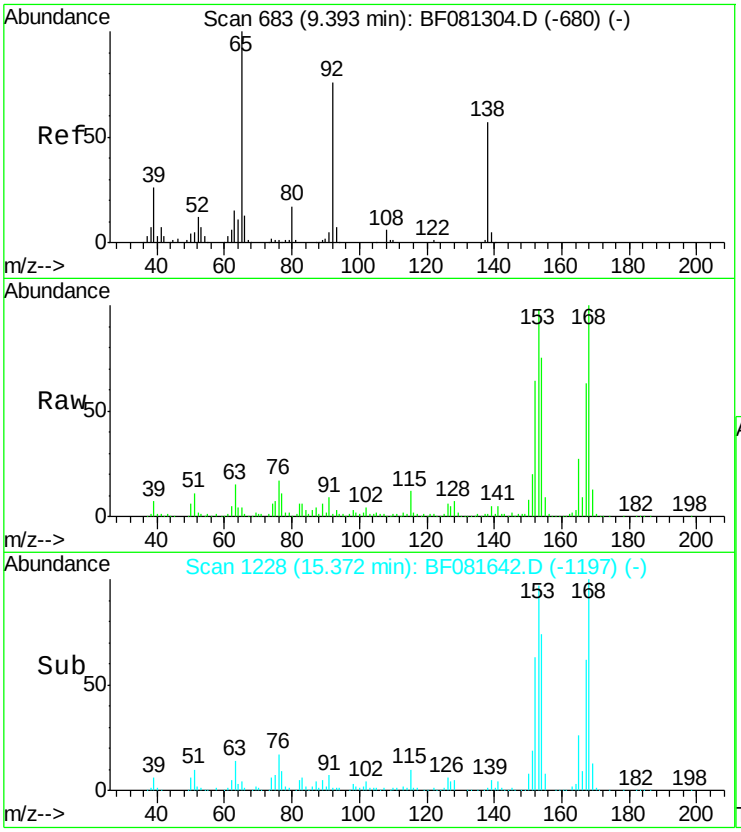


#51
Acenaphthene
Concen: 97.06 ng
RT: 15.37 min Scan# 1228
Delta R.T. 0.03 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:154 Resp: 485068

Ion	Ratio	Lower	Upper
154	100		
153	131.5	82.1	123.1#
152	85.7	37.9	56.9#



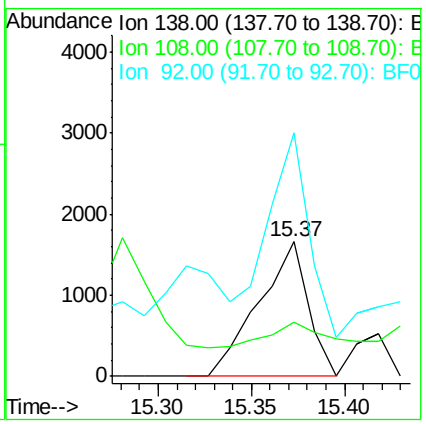


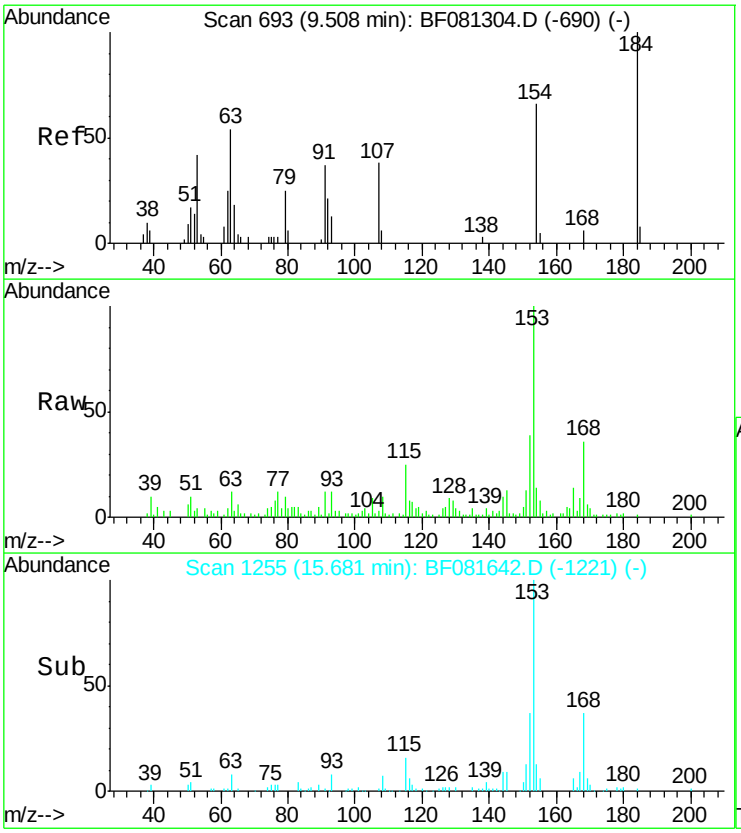
#52
3-Nitroaniline
Concen: 2.05 ng
RT: 15.37 min Scan# 1228
Delta R.T. 0.06 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:138 Resp: 3062

Ion	Ratio	Lower	Upper
138	100		
108	40.2	5.7	8.5#
92	181.3	67.7	101.5#

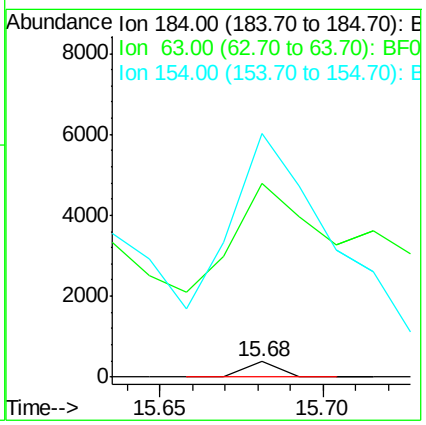


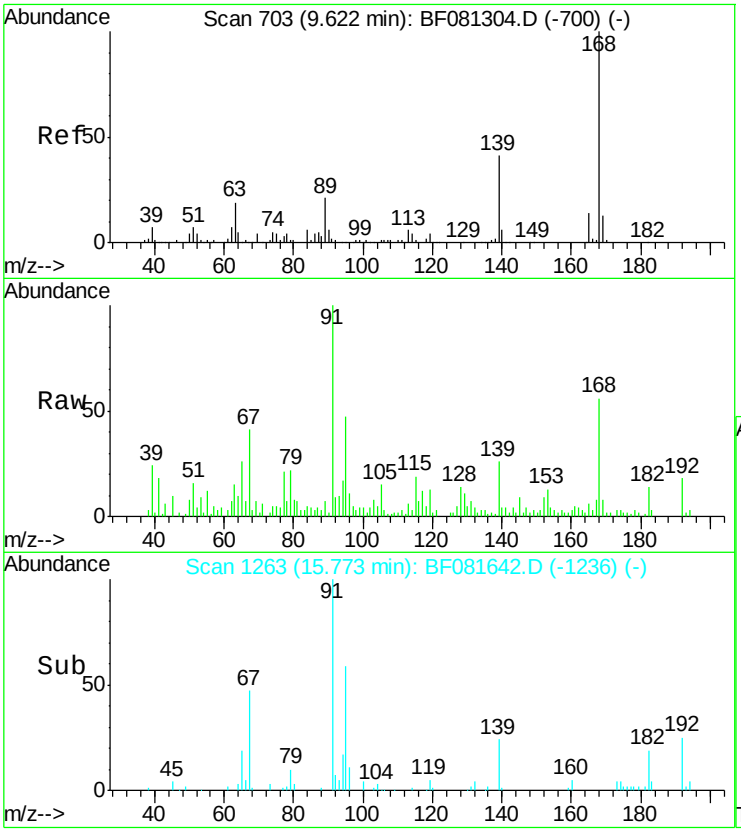


#53
2,4-Dinitrophenol
Concen: 7.08 ng
RT: 15.68 min Scan# 1255
Delta R.T. 0.09 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:184 Resp: 257

Ion	Ratio	Lower	Upper
184	100		
63	1276.0	35.4	53.2#
154	1605.1	32.2	48.4#



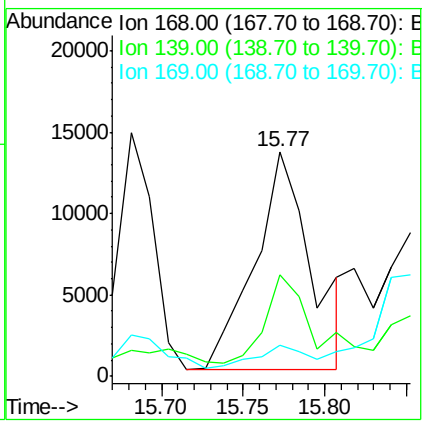


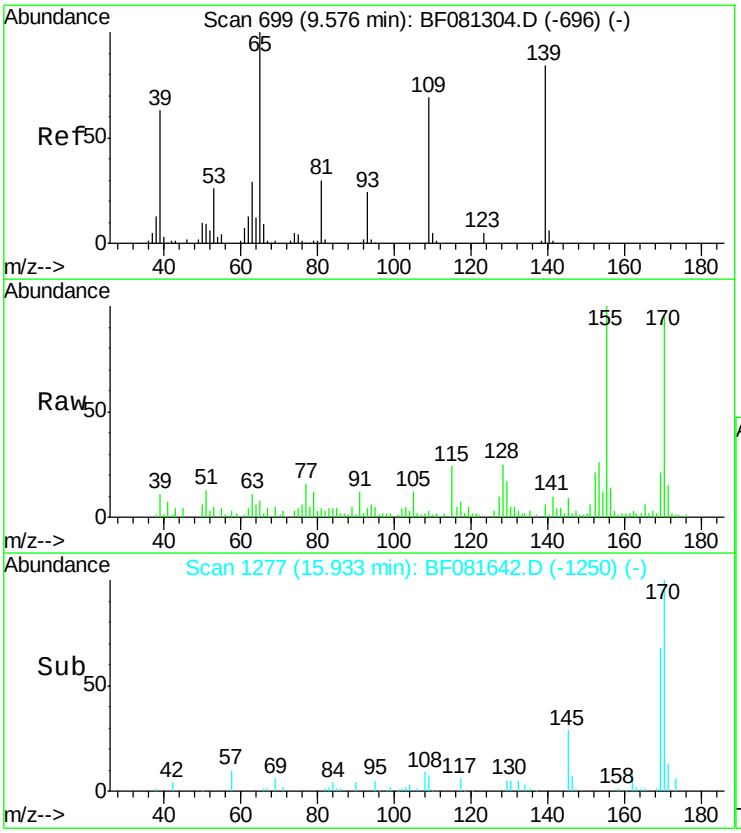
#54
Dibenzofuran
Concen: 4.42 ng
RT: 15.77 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:168 Resp: 32234

Ion	Ratio	Lower	Upper
168	100		
139	45.3	24.2	36.2#
169	14.0	10.6	15.8

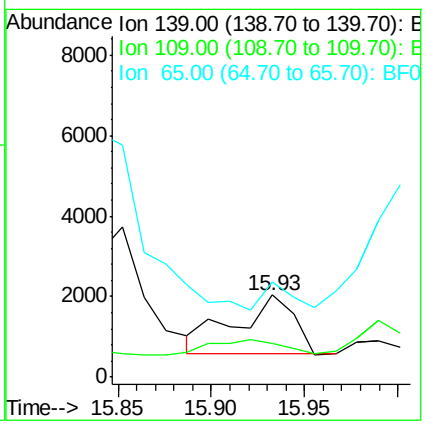


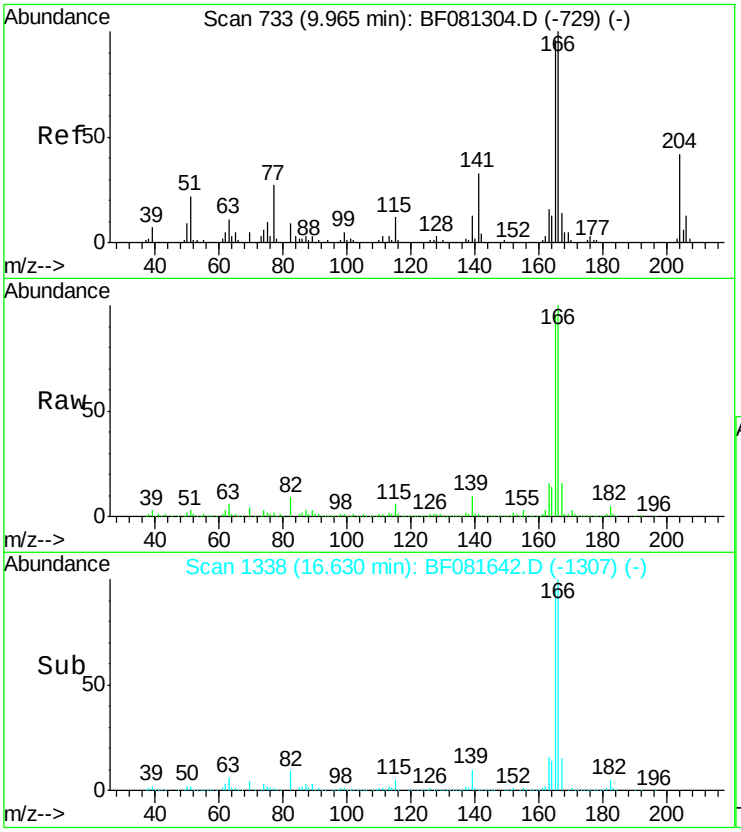


#55
4-Nitrophenol
Concen: 3.32 ng
RT: 15.93 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:139 Resp: 3118

Ion	Ratio	Lower	Upper
139	100		
109	41.3	12.7	52.7
65	115.9	45.9	85.9#



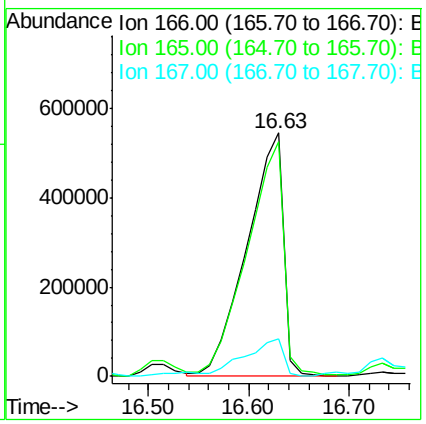


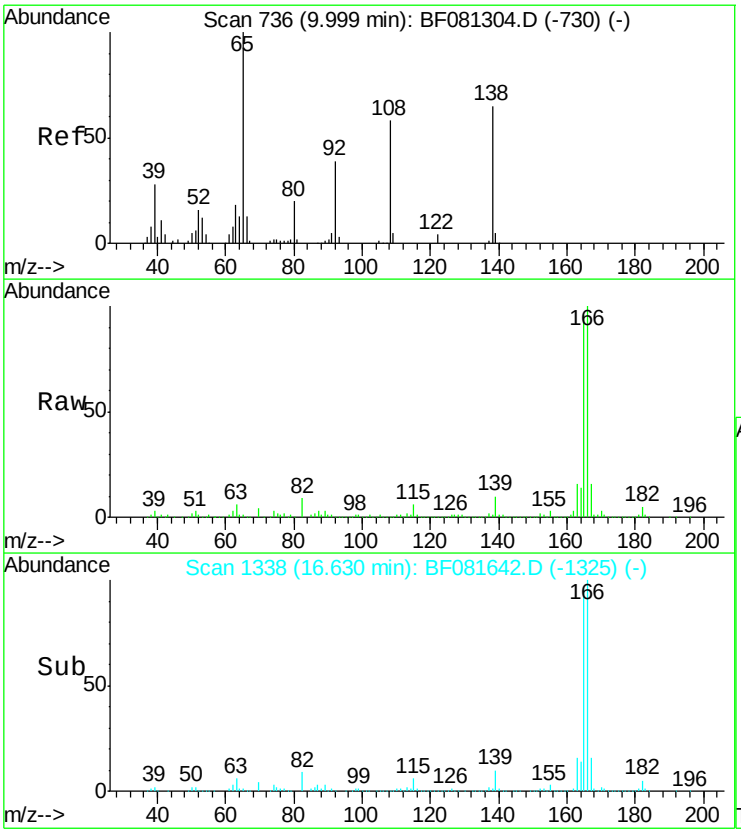
#57
Fluorene
Concen: 245.65 ng
RT: 16.63 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:166 Resp: 1360305

Ion	Ratio	Lower	Upper
166	100		
165	96.4	72.6	109.0
167	15.7	10.6	16.0

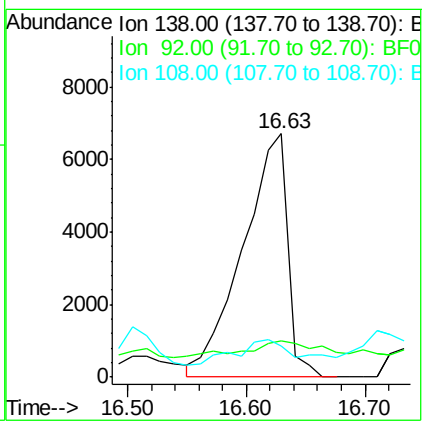


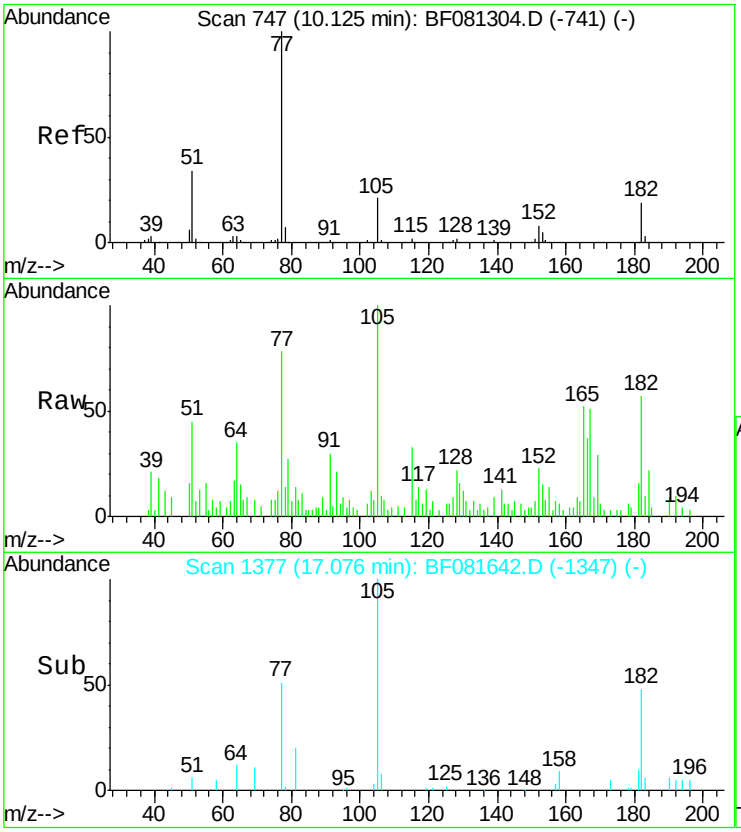


#61
4-Nitroaniline
Concen: 11.69 ng
RT: 16.63 min Scan# 1338
Delta R.T. -0.15 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:138 Resp: 17667

Ion	Ratio	Lower	Upper
138	100		
92	15.1	12.6	52.6
108	12.6	12.4	52.4



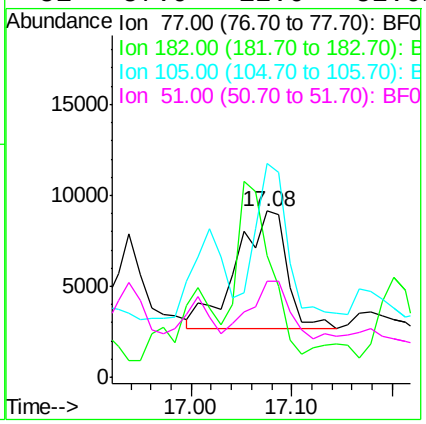


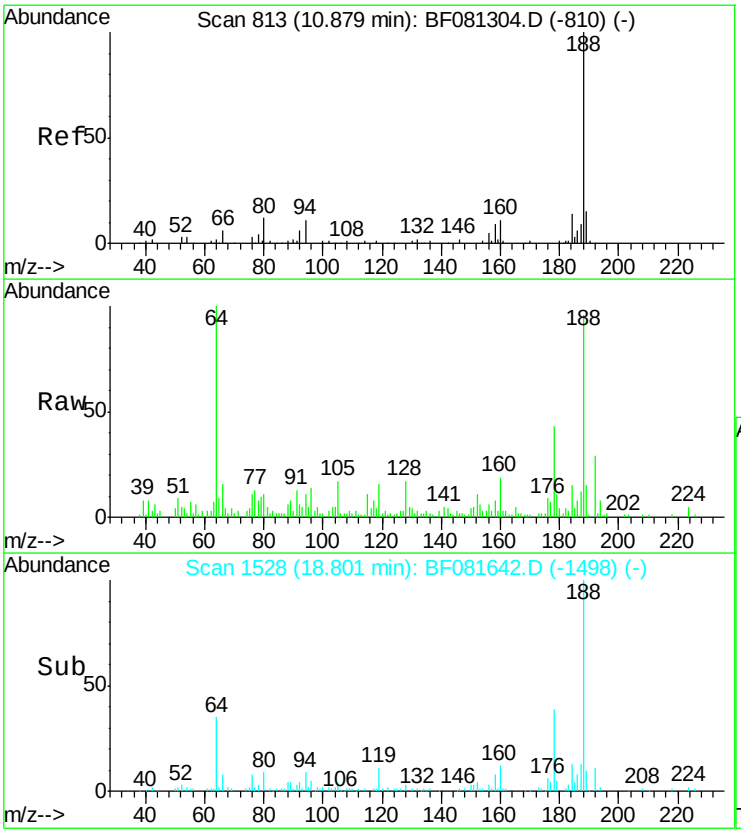
#62
Azobenzene
Concen: 3.26 ng
RT: 17.08 min Scan# 1377
Delta R.T. 0.05 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion: 77 Resp: 22054

Ion	Ratio	Lower	Upper
77	100		
182	73.3	15.1	55.1#
105	128.5	3.4	43.4#
51	57.9	12.0	52.0#

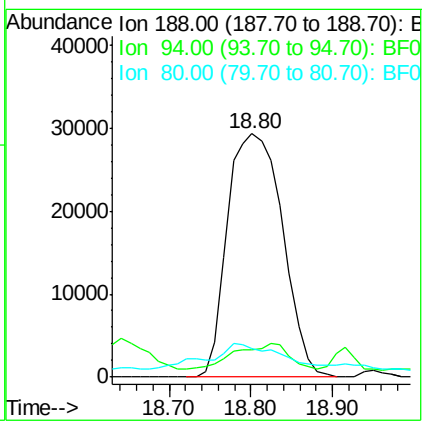


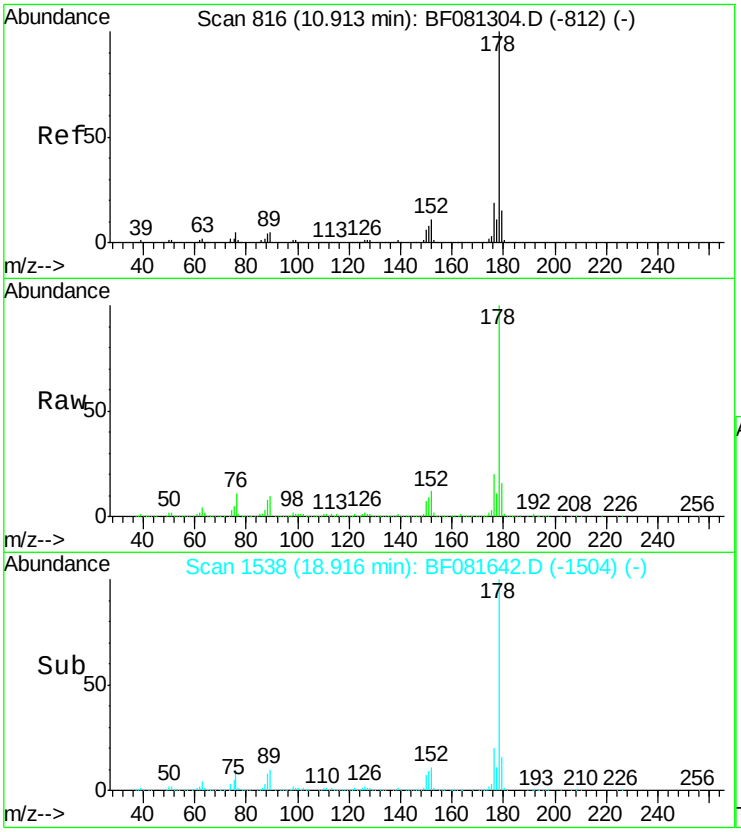


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.80 min Scan# 1528
Delta R.T. 0.05 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:188 Resp: 137094

Ion	Ratio	Lower	Upper
188	100		
94	11.1	11.1	16.7#
80	11.8	11.0	16.4



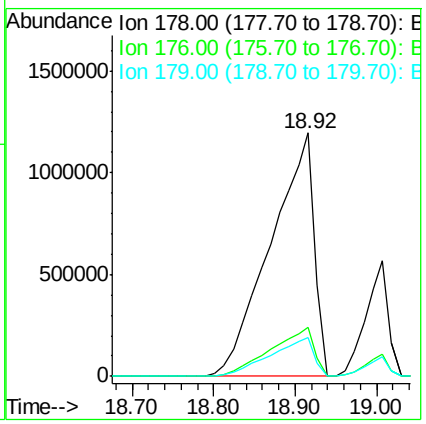


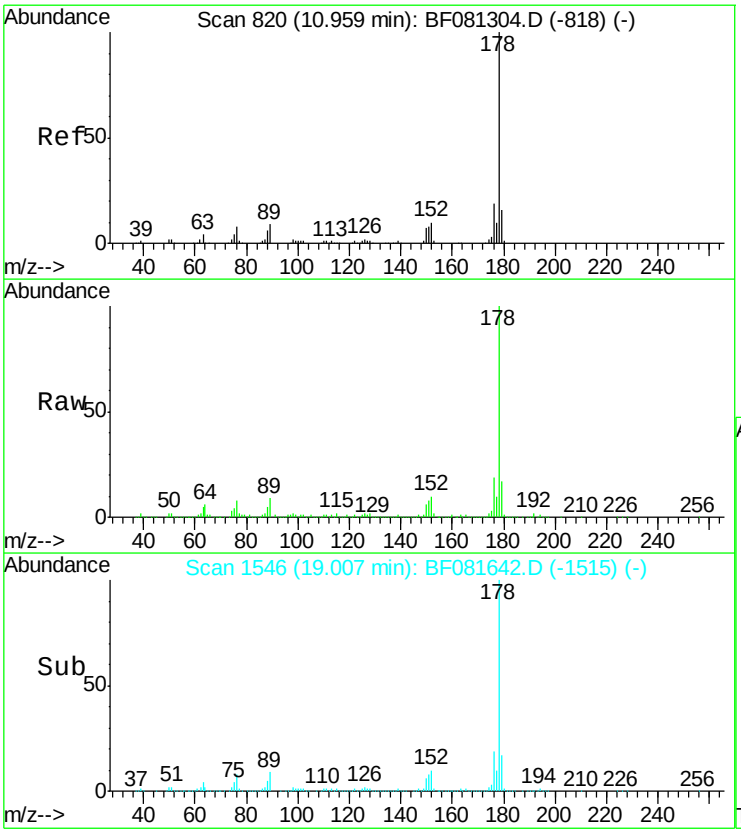
#70
Phenanthrene
Concen: 581.54 ng
RT: 18.92 min Scan# 1538
Delta R.T. 0.09 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:178 Resp: 4432311

Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.8	20.8
179	16.0	12.2	18.2

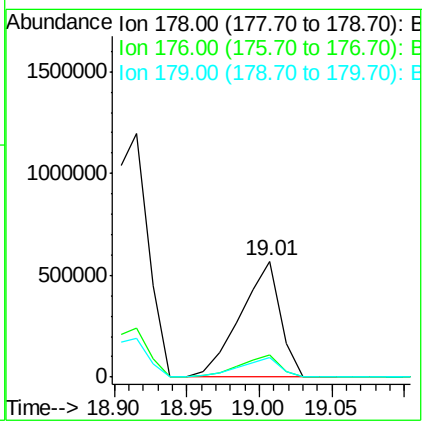


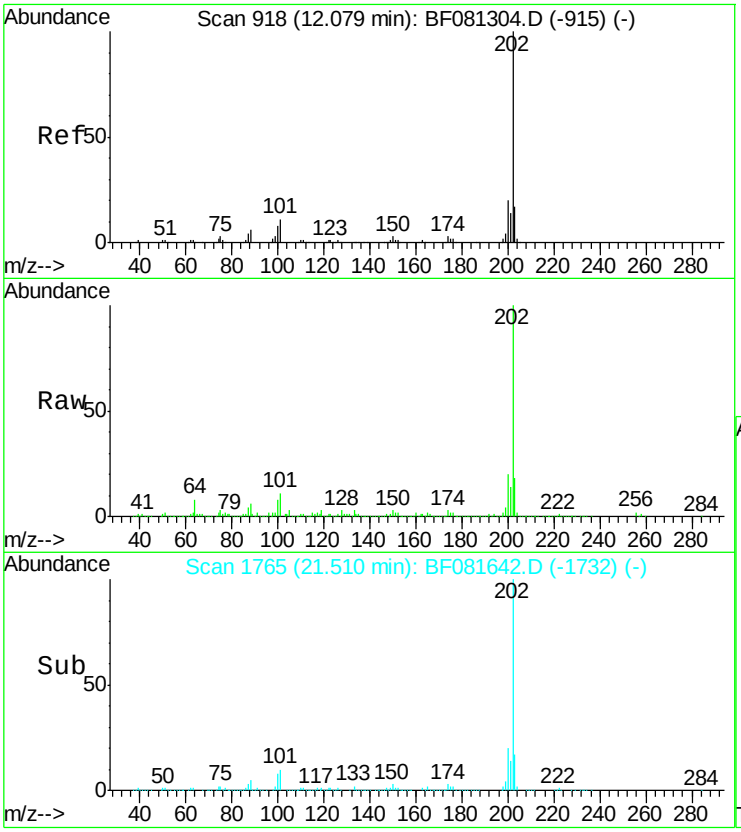


#71
Anthracene
Concen: 137.33 ng
RT: 19.01 min Scan# 1546
Delta R.T. 0.06 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:178 Resp: 1075359

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	16.9	12.2	18.2



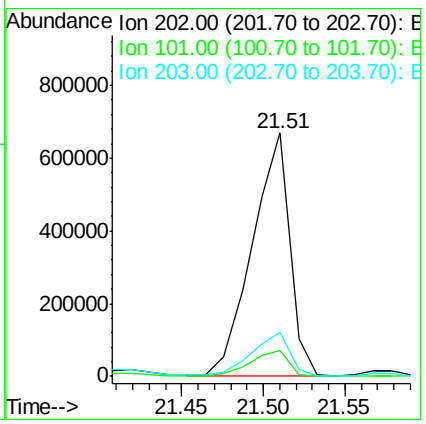


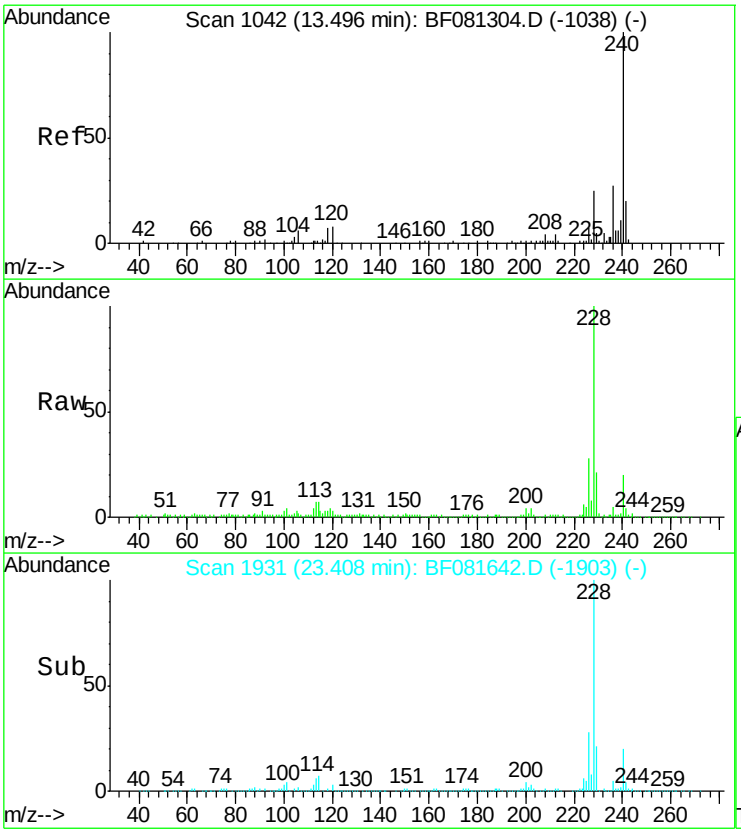
#74
Fluoranthene
Concen: 129.34 ng
RT: 21.51 min Scan# 1765
Delta R.T. 0.08 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:202 Resp: 1067190

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	38.3
203	17.9	0.0	37.3

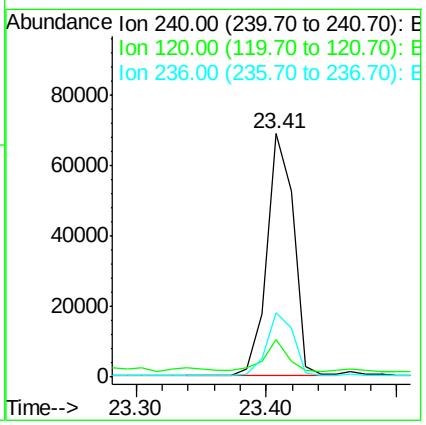


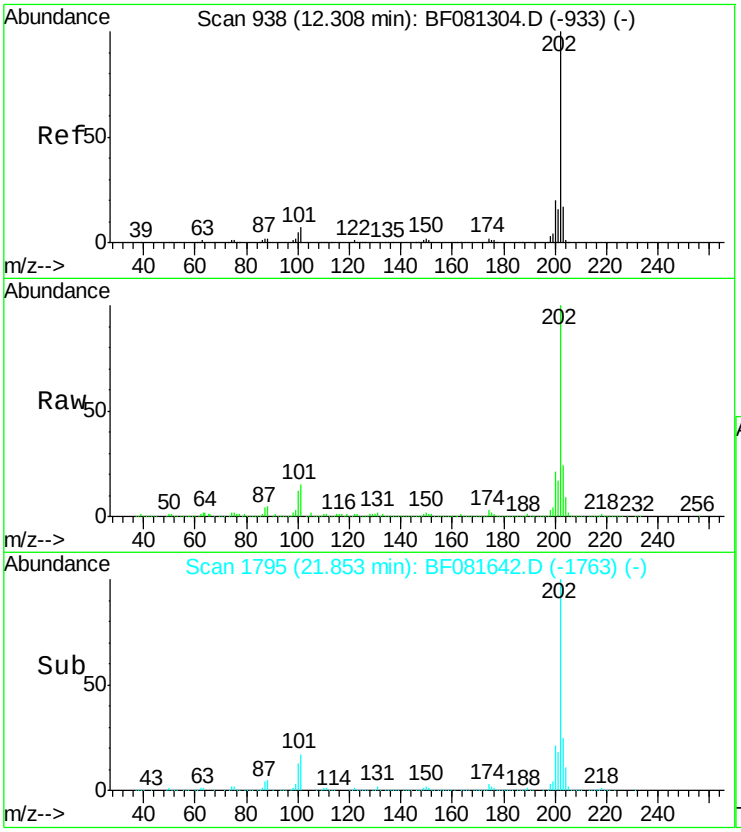


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:240 Resp: 99198

Ion	Ratio	Lower	Upper
240	100		
120	15.6	16.2	24.2#
236	26.3	18.4	27.6



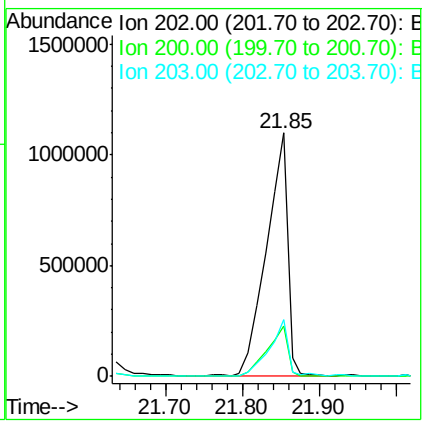


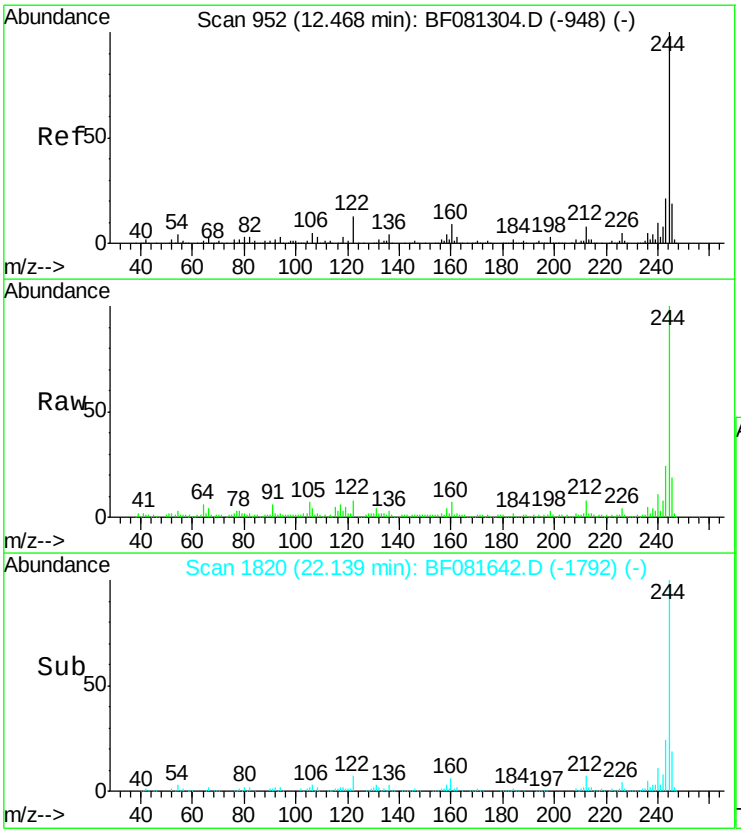
#77
Pyrene
Concen: 280.40 ng
RT: 21.85 min Scan# 1795
Delta R.T. 0.07 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:202 Resp: 2060384

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	23.6	14.1	21.1#

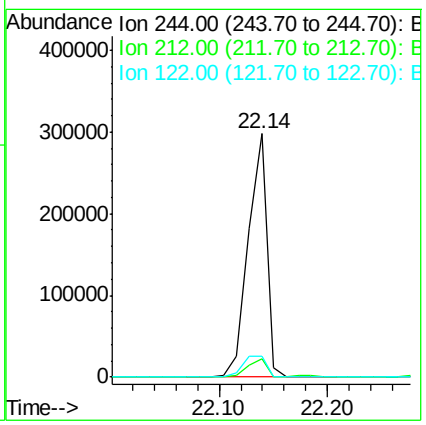


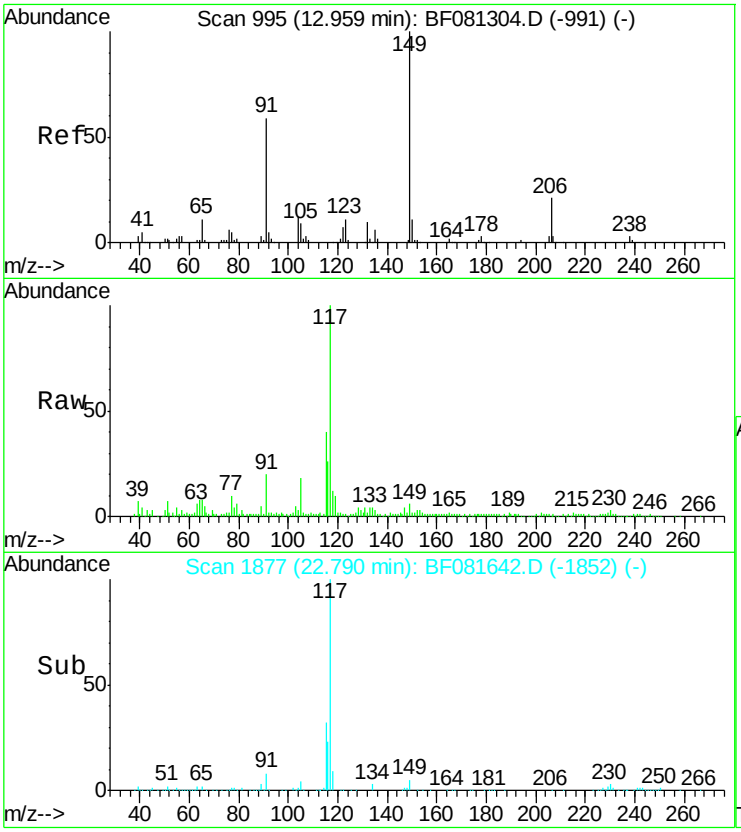


#78
Terphenyl-d14
Concen: 84.08 ng
RT: 22.14 min Scan# 1820
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:244 Resp: 358309

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	8.4	17.4	26.2#



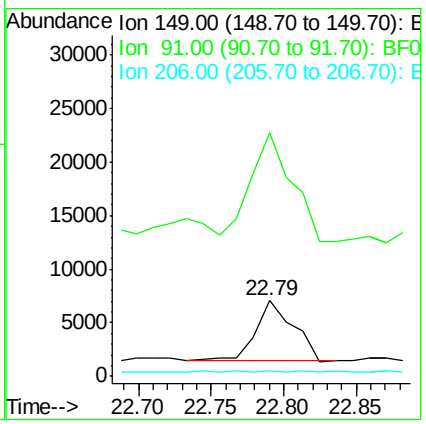


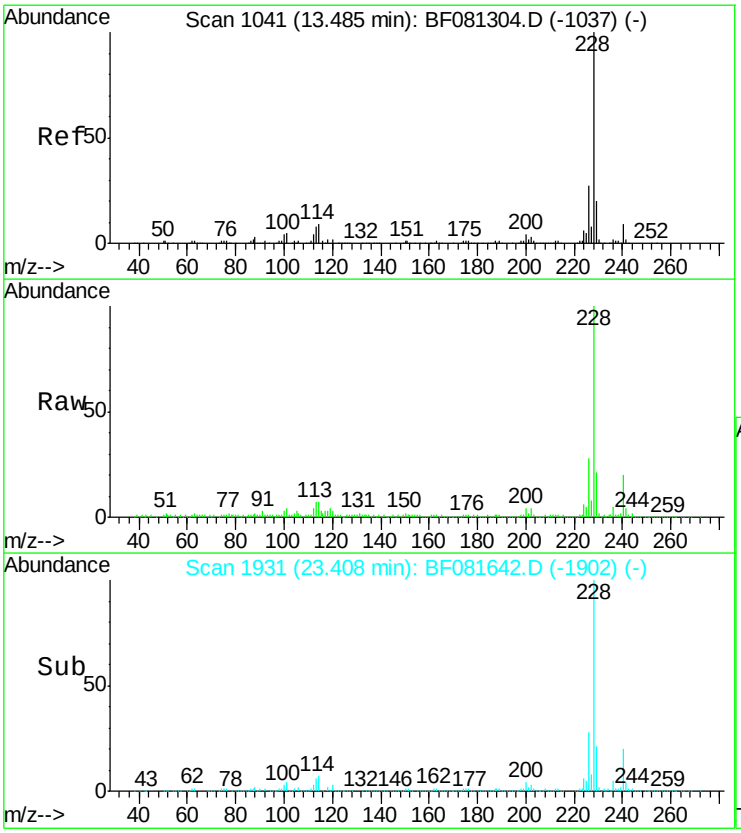
#79
Butylbenzylphthalate
Concen: 3.18 ng
RT: 22.79 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:149 Resp: 10150

Ion	Ratio	Lower	Upper
149	100		
91	322.4	48.6	72.8#
206	6.7	14.9	22.3#

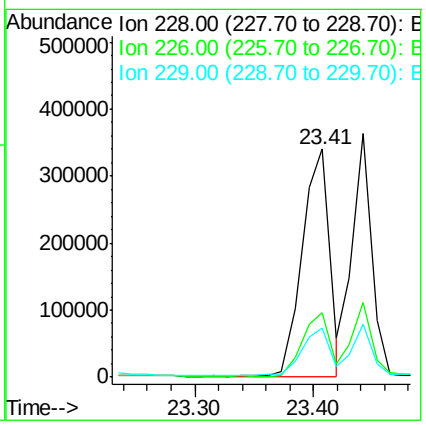


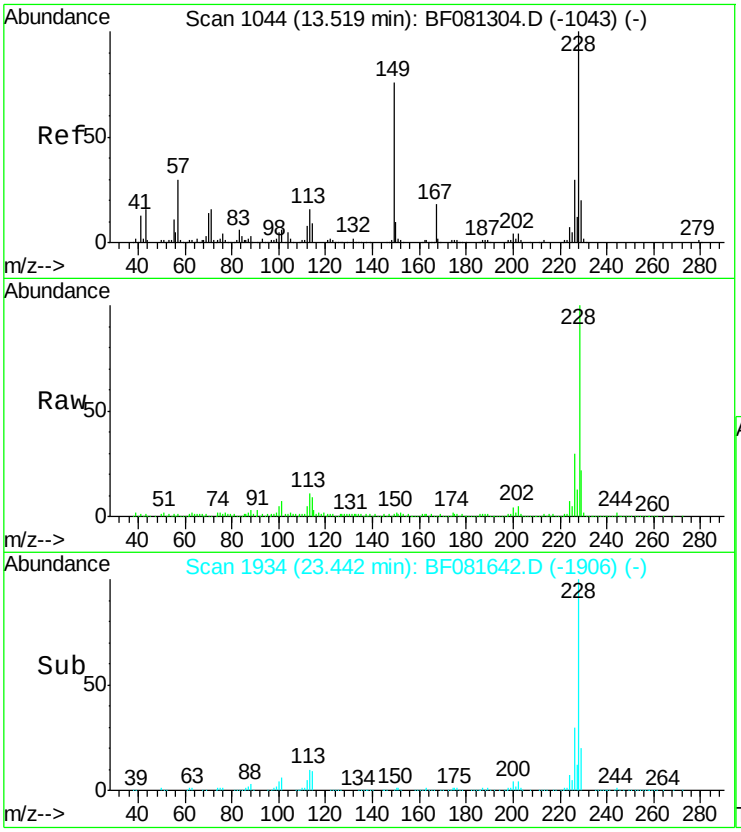


#80
Benzo(a)anthracene
Concen: 85.43 ng
RT: 23.41 min Scan# 1931
Delta R.T. 0.03 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:228 Resp: 539716

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	21.3	15.4	23.2



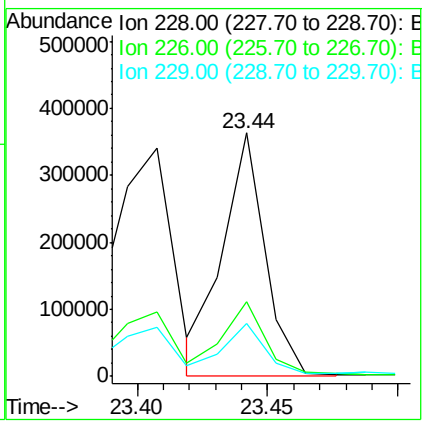


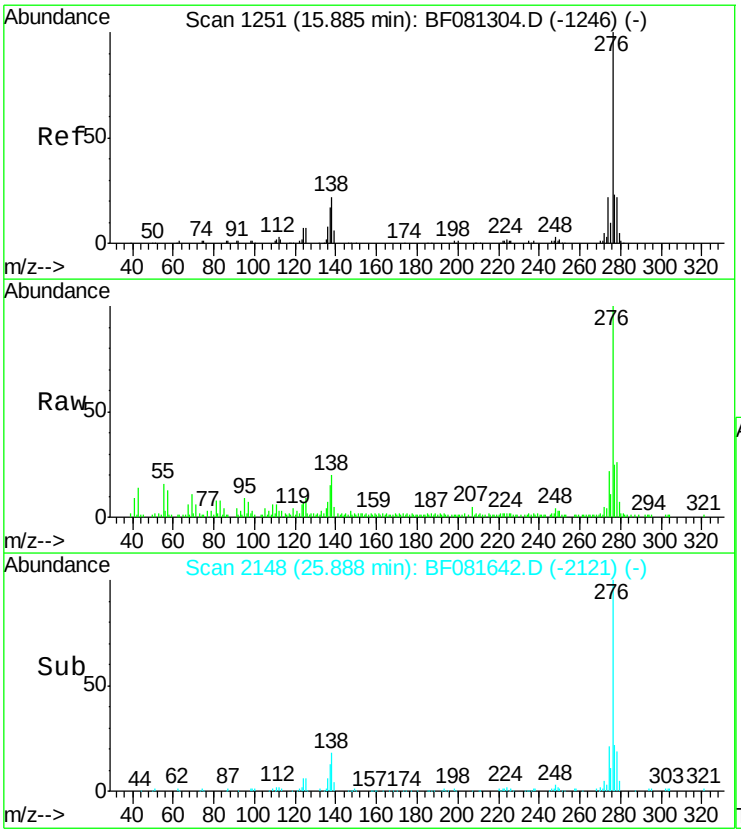
#82
Chrysene
Concen: 72.36 ng
RT: 23.44 min Scan# 1934
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:228 Resp: 409784

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	21.5	15.6	23.4

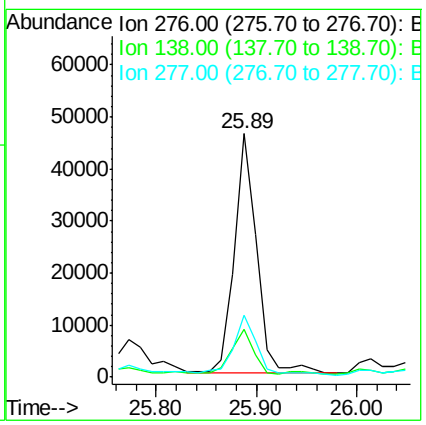


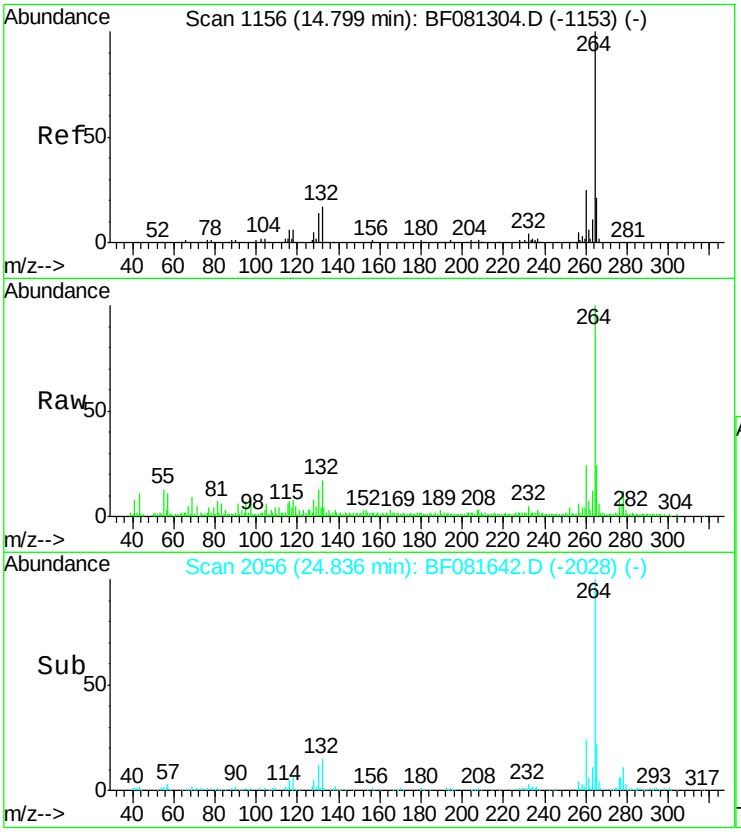


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.30 ng
RT: 25.89 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:276 Resp: 71893

Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.7	38.5#
277	24.9	15.6	23.4#



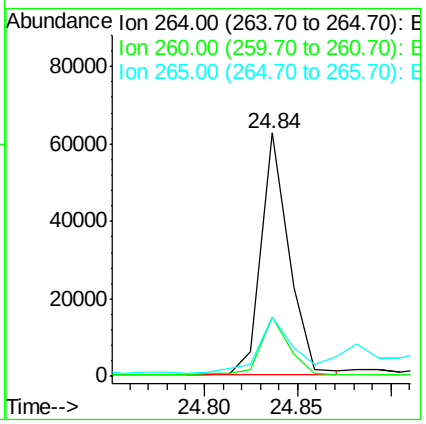


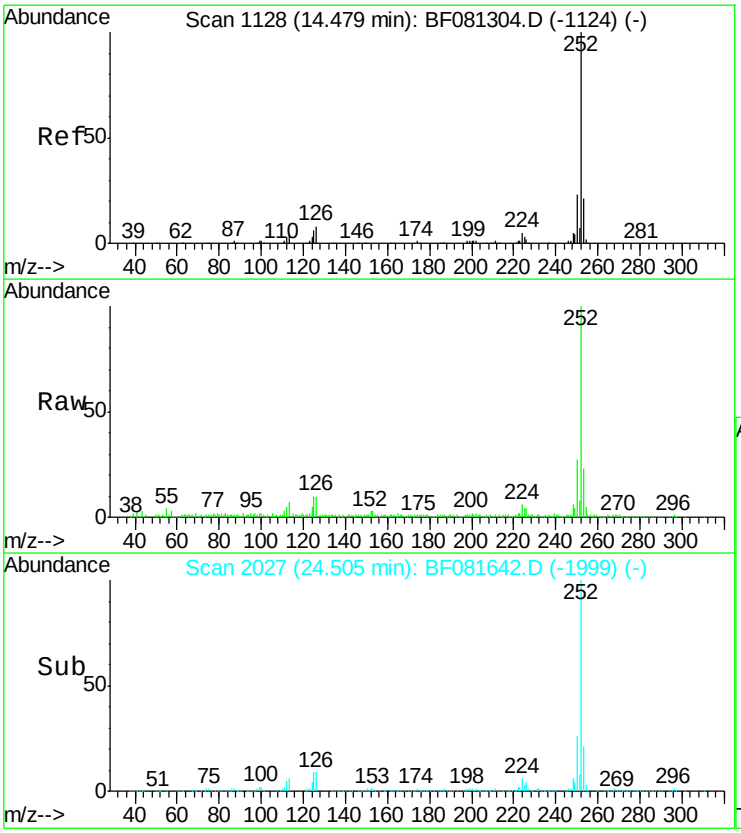
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:264 Resp: 64160

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	24.4	17.2	25.8

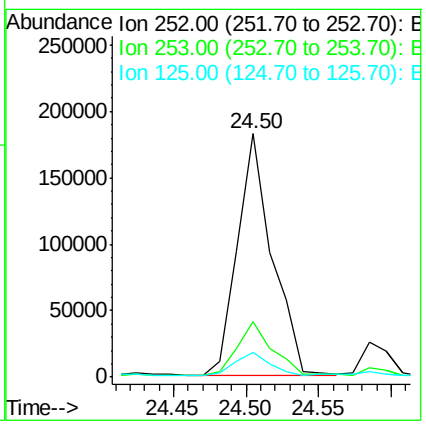


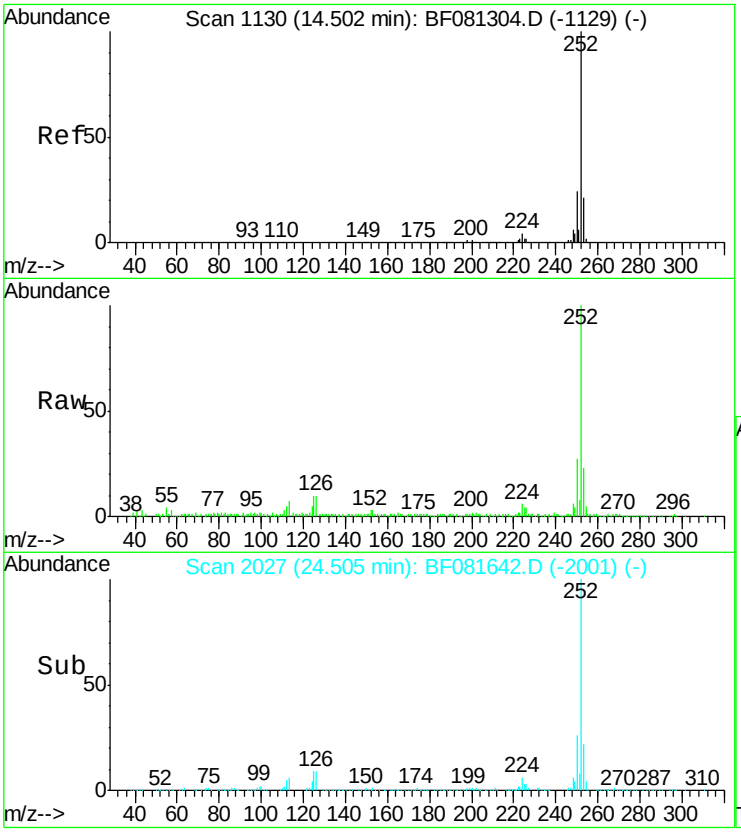


#87
Benzo(b)fluoranthene
Concen: 66.14 ng
RT: 24.50 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:252 Resp: 302940

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.1	17.1	25.7#



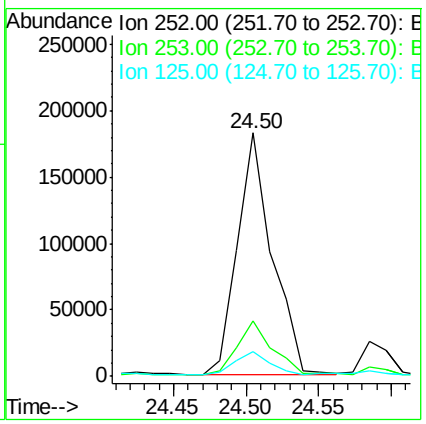


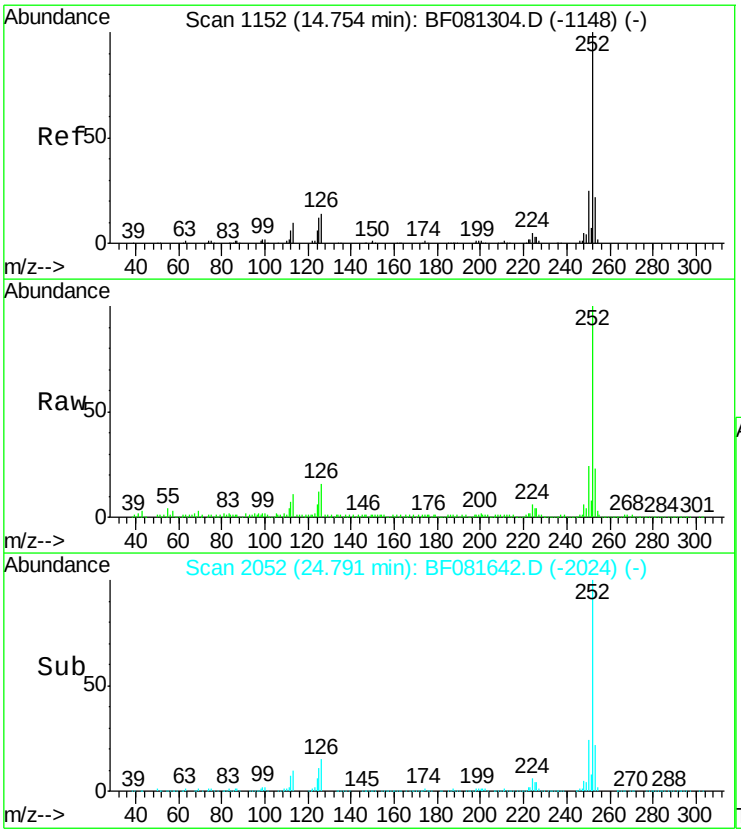
#88
Benzo(k)fluoranthene
Concen: 79.70 ng
RT: 24.50 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:252 Resp: 302940

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	10.1	16.0	24.0#

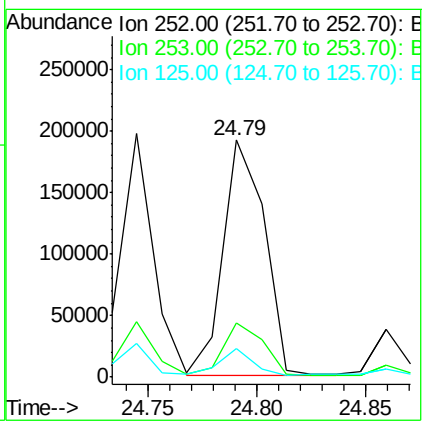


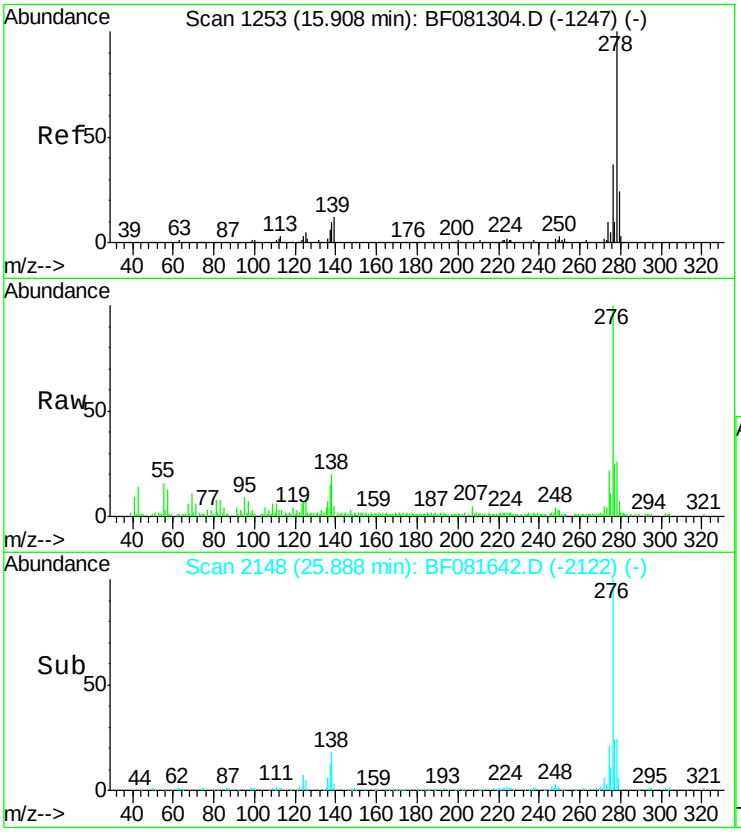


#89
Benzo(a)pyrene
Concen: 65.28 ng
RT: 24.79 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:252 Resp: 253374

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.0	18.0	27.0#



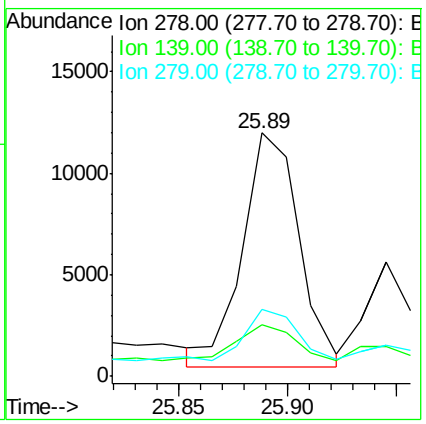


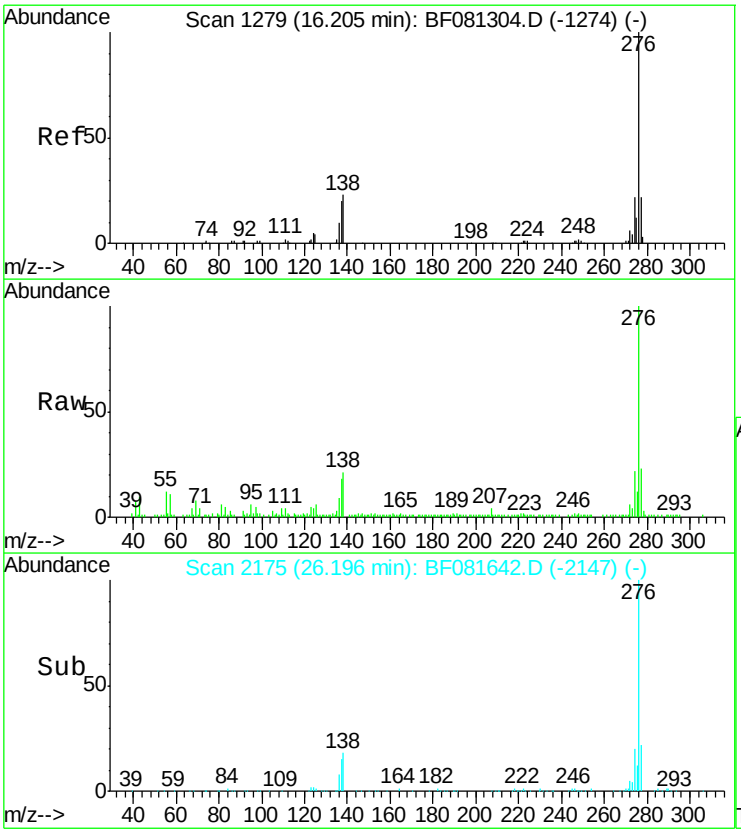
#90
Dibenzo(a,h)anthracene
Concen: 7.00 ng
RT: 25.89 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Instrument :
BNA_F
ClientSampleId :
MGP203(2-4)

Tgt Ion:278 Resp: 20985

Ion	Ratio	Lower	Upper
278	100		
139	21.0	26.3	39.5#
279	27.6	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 35.44 ng
RT: 26.20 min Scan# 2175
Delta R.T. 0.02 min
Lab File: BF081642.D
Acq: 15 Sep 2015 22:51

Tgt Ion:276 Resp: 101445

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	21.1	34.6	51.8#