Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081501.D
Acq On : 6 Sep 2015 10:42
Operator : UM/IZ
Sample : G3469-04RE
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP207BR-25-25.5RE

Quant Time: Sep 07 01:55:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52806	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	200659	20.00	ng		-0.03
38) Acenaphthene-d10	9.38	164	89996	20.00	ng		-0.03
63) Phenanthrene-d10	10.86	188	178887	20.00	ng		-0.02
75) Chrysene-d12	13.46	240	120080	20.00	ng		-0.03
86) Perylene-d12	14.77	264	88899	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	557563	163.82	ng		-0.01
7) Phenol-d6	6.03	99	744488	165.25	ng		-0.02
23) Nitrobenzene-d5	6.94	82	438846	105.52	ng		-0.03
41) 2,4,6-Tribromophenol	10.17	330	128959	160.93	ng		-0.03
44) 2-Fluorobiphenyl	8.73	172	715247	101.85	ng		-0.03
78) Terphenyl-d14	12.43	244	621819	120.54	ng		-0.03
Target Compounds							Qvalue
15) Benzyl Alcohol	6.51	79	9048	2.45	ng	#	32
19) n-Nitroso-di-n-propylamine	6.94	70	62096	20.25	ng	#	64
25) Isophorone	6.94	82	326963	42.27	ng	#	58
31) Naphthalene	7.67	128	634414	59.28	ng		98
32) Benzoic acid	7.48	122	2450	3.54	ng	#	47
33) 4-Chloroaniline	7.67	127	82601	18.92	ng	#	33
35) Caprolactam	8.35	113	2179	2.52	ng	#	1
37) 2-Methylnaphthalene	8.35	142	86820	12.47	ng	#	88
45) 1,1'-Biphenyl	8.82	154	42302	5.11	ng		95
48) Acenaphthylene	9.24	152	276104	26.03	ng		97
49) Dimethylphthalate	9.13	163	100611	14.39	ng	#	97
51) Acenaphthene	9.42	154	54365	9.01	ng		91
54) Dibenzofuran	9.59	168	163559	18.56	ng	#	84
55) 4-Nitrophenol	9.59	139	67977	59.89	ng	#	28
57) Fluorene	9.93	166	178809	26.74	ng		94
66) 4-Bromophenyl-phenylether	10.17	248	9485	5.24	ng	#	1
70) Phenanthrene	10.88	178	1202841	120.95	ng		96
71) Anthracene	10.92	178	256297	25.08	ng		97
72) Carbazole	11.08	167	102488	10.69	ng	#	96
74) Fluoranthene	12.06	202	957461	88.93	ng		90
77) Pyrene	12.14	202	77769	8.74	ng		98
80) Benzo(a)anthracene	13.45	228	287871	37.64	ng	#	90
82) Chrysene	13.49	228	172463	25.16	ng		93
85) Indeno(1,2,3-cd)pyrene	15.84	276	142505	28.33	ng	#	81
87) Benzo(b)fluoranthene	14.45	252	308143	48.55	ng	#	87
88) Benzo(k)fluoranthene	14.45	252	308143	58.51	ng	#	87
89) Benzo(a)pyrene	14.72	252	184679	34.34	ng	#	84
91) Benzo(g,h,i)perylene	16.16	276	159596	40.24	ng	#	74

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081501.D
Acq On : 6 Sep 2015 10:42
Operator : UM/IZ
Sample : G3469-04RE
Misc :
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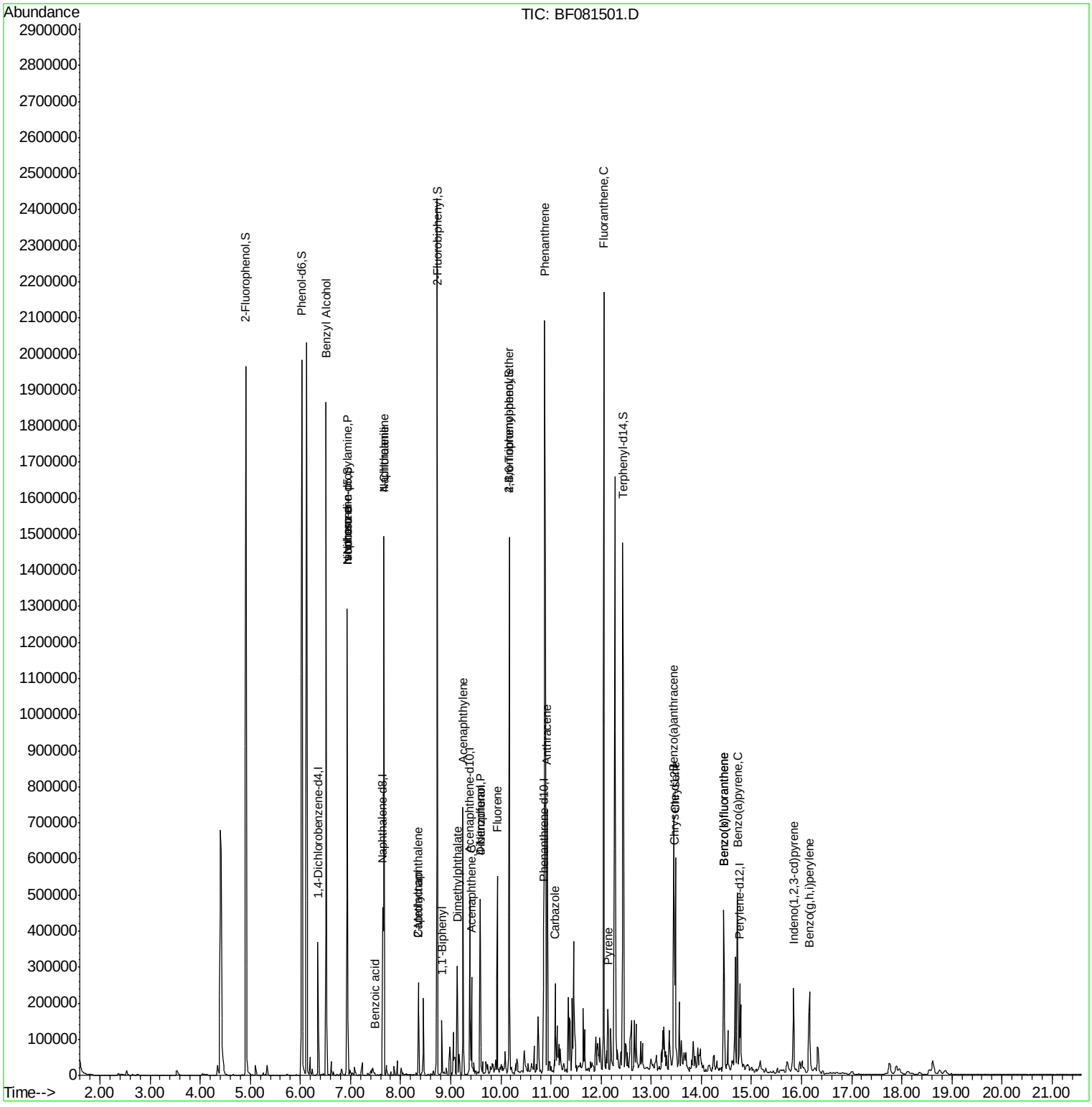
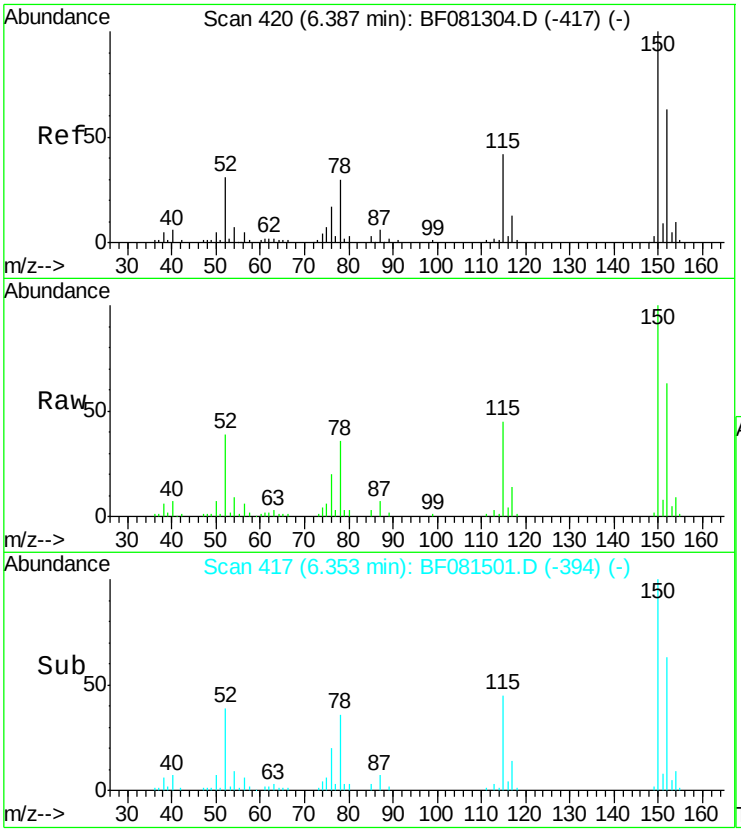
Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Quant Time: Sep 07 01:55:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration



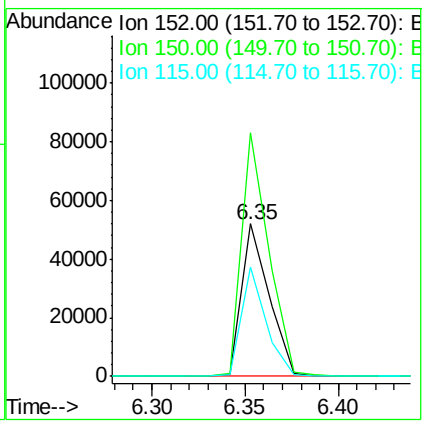


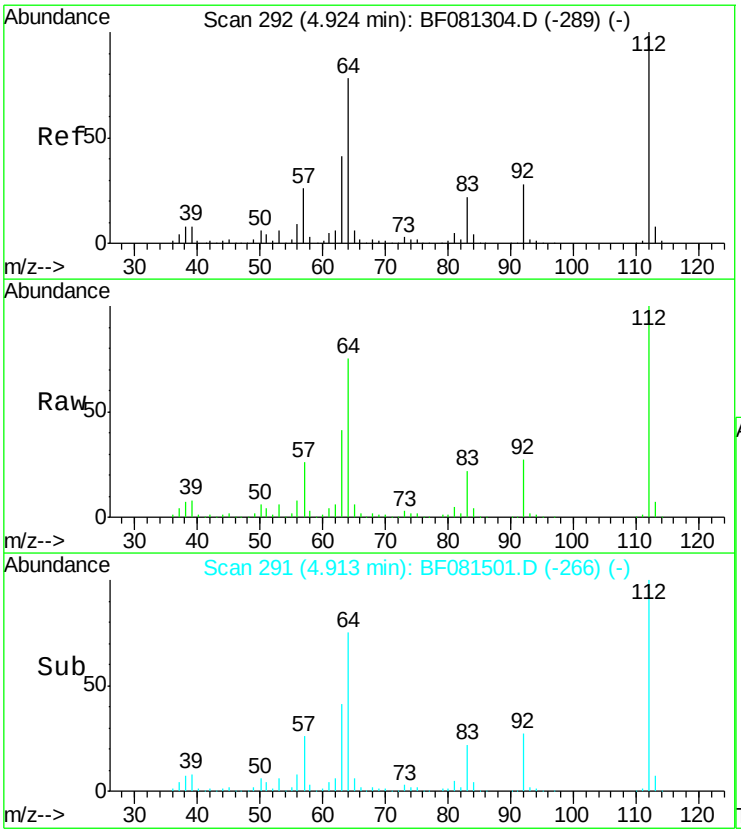
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:152 Resp: 52806

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	71.7	39.0	58.4#

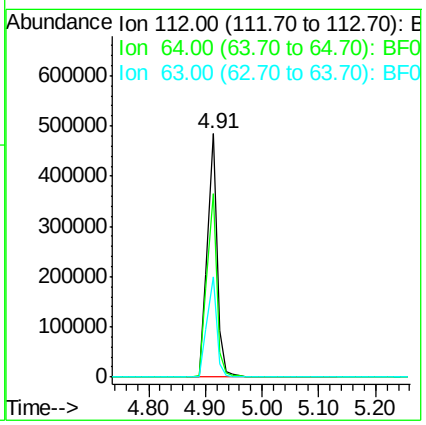


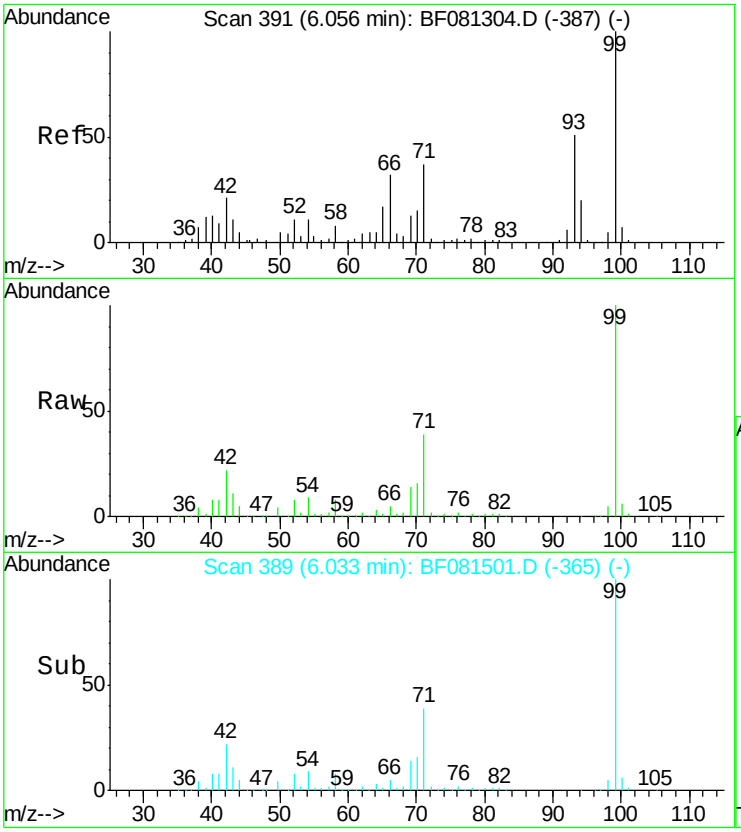


#5
2-Fluorophenol
Concen: 163.82 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:112 Resp: 557563

Ion	Ratio	Lower	Upper
112	100		
64	75.5	39.7	59.5#
63	41.1	17.4	26.0#



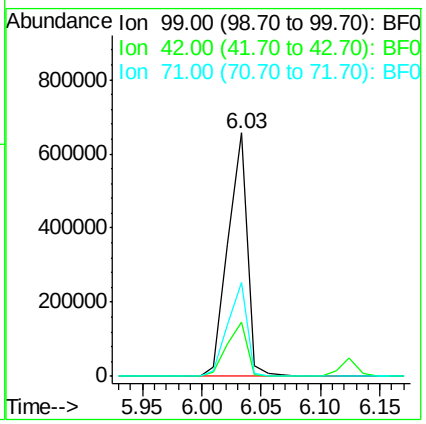


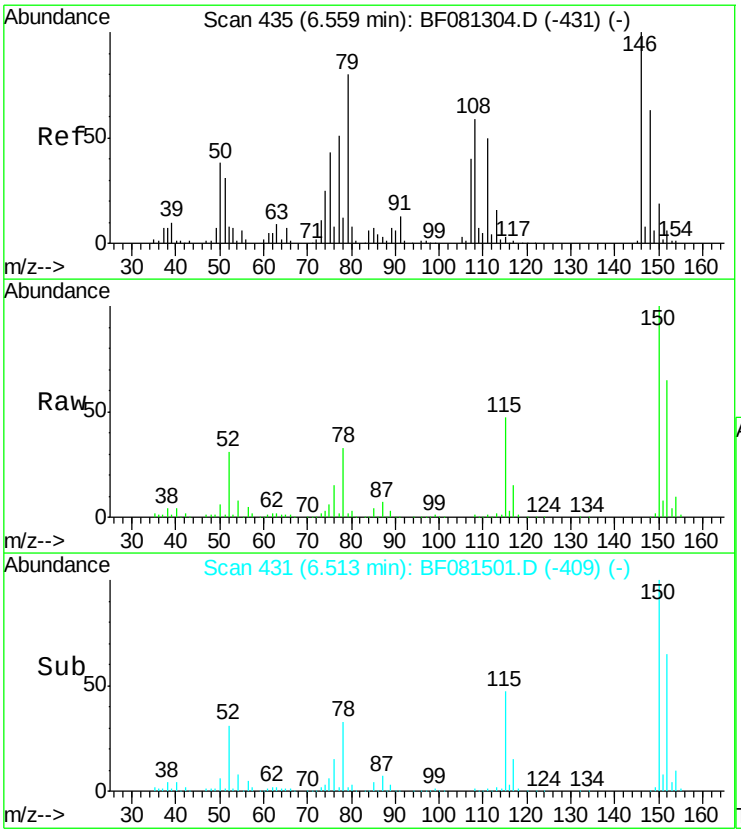
#7
Phenol-d6
Concen: 165.25 ng
RT: 6.03 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion: 99 Resp: 744488

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.7	20.5#
71	38.5	14.2	21.2#

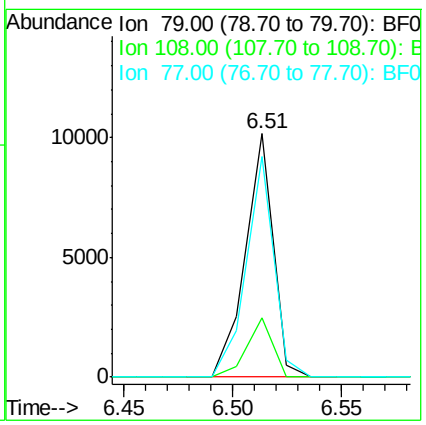


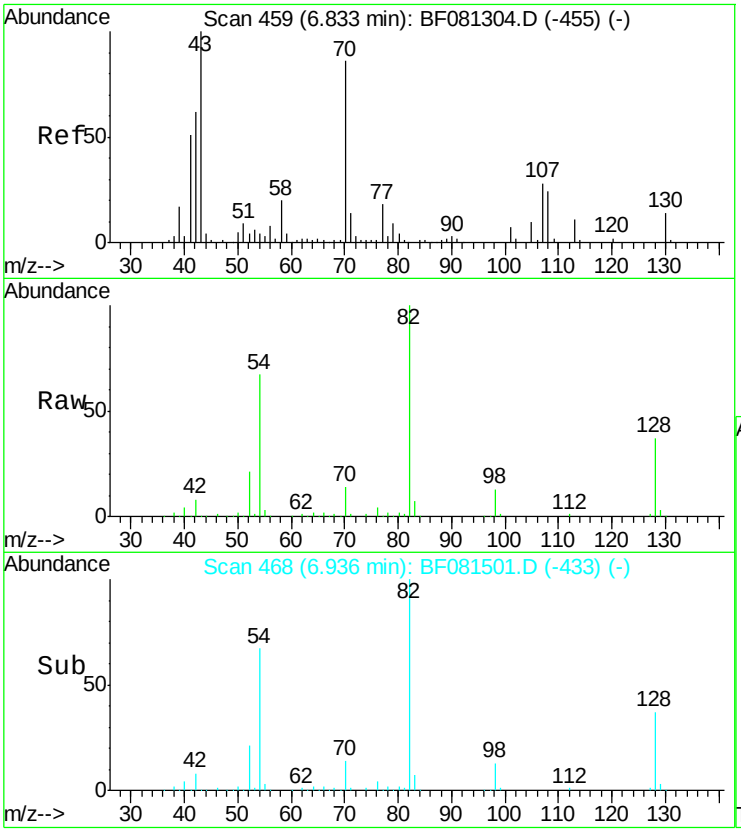


#15
Benzyl Alcohol
Concen: 2.45 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion: 79 Resp: 9048

Ion	Ratio	Lower	Upper
79	100		
108	24.4	88.6	132.8#
77	90.6	47.0	70.4#



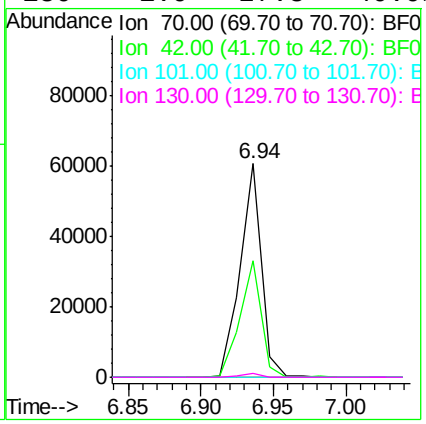


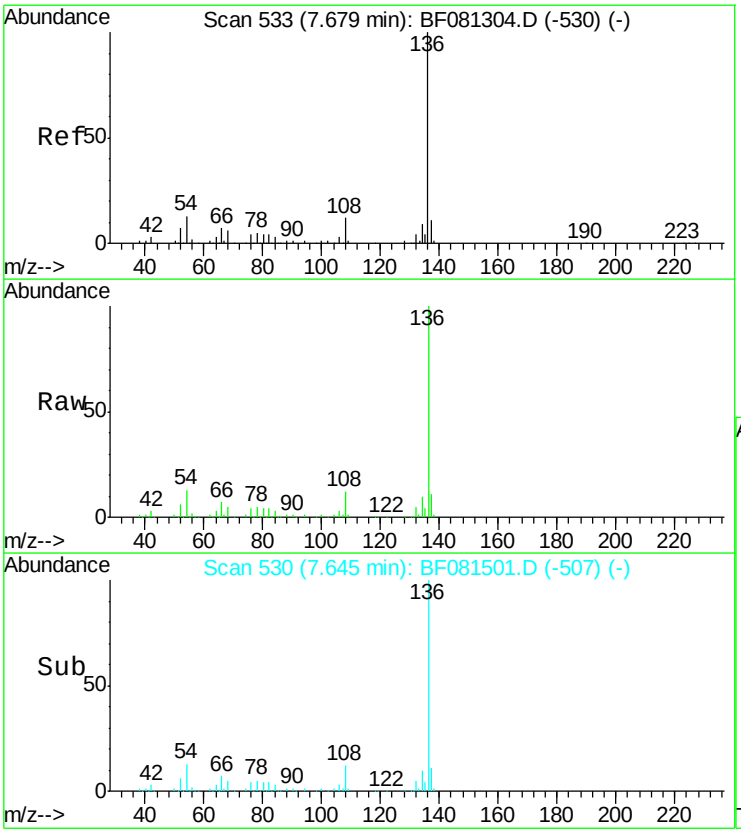
#19
n-Nitroso-di-n-propylamine
Concen: 20.25 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion: 70 Resp: 62096

Ion	Ratio	Lower	Upper
70	100		
42	54.5	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#

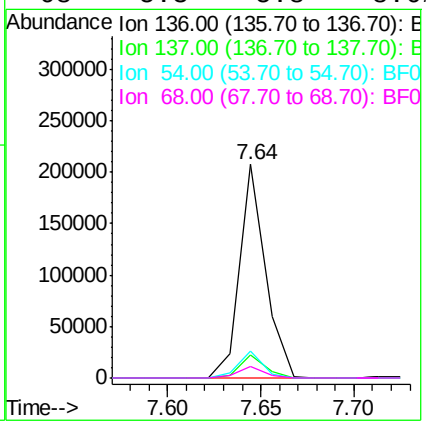


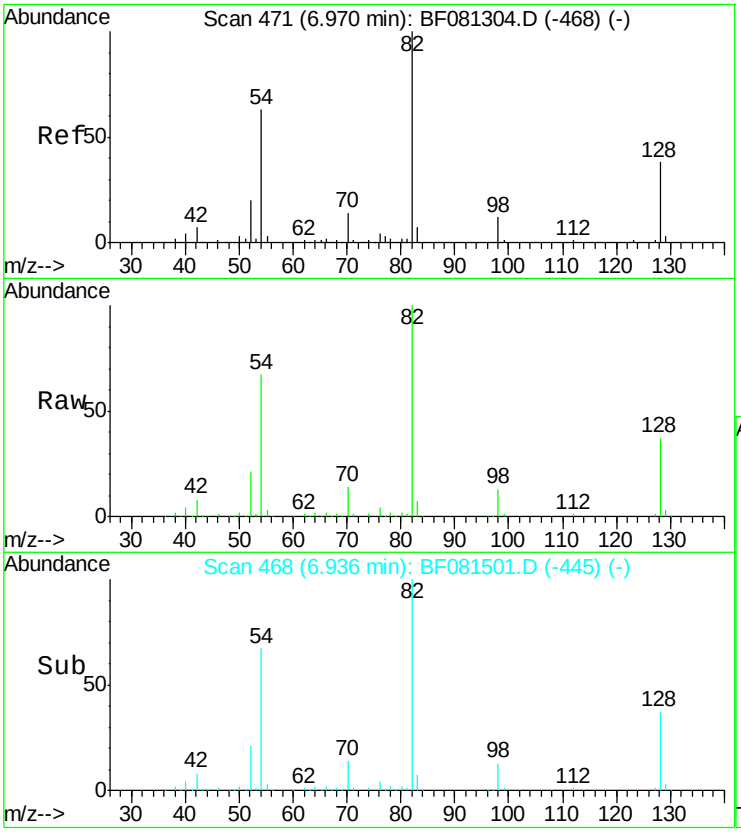


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:136 Resp: 200659

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	12.9	8.2	12.2#
68	5.3	5.8	8.6#



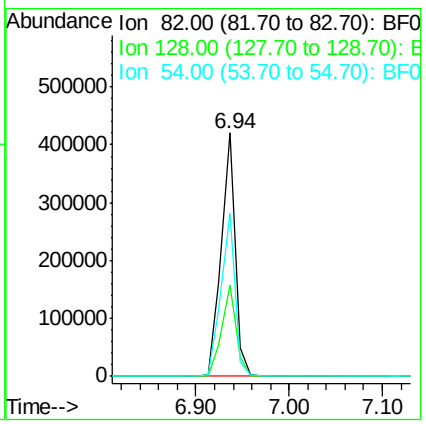


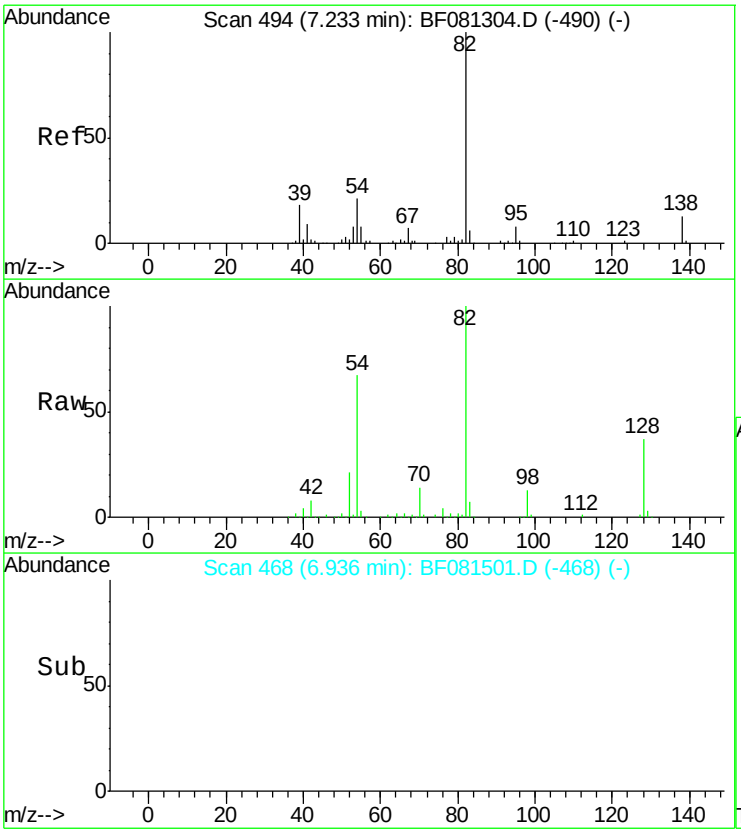
#23
Nitrobenzene-d5
Concen: 105.52 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion: 82 Resp: 438846

Ion	Ratio	Lower	Upper
82	100		
128	37.5	51.0	76.6#
54	66.7	47.5	71.3

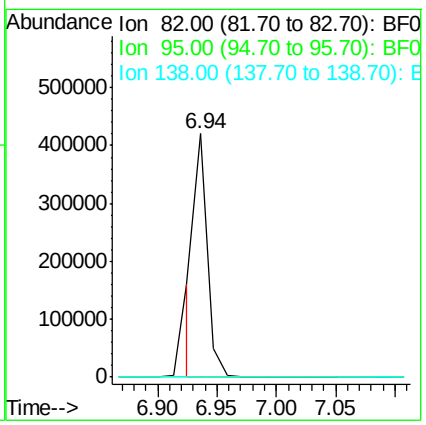


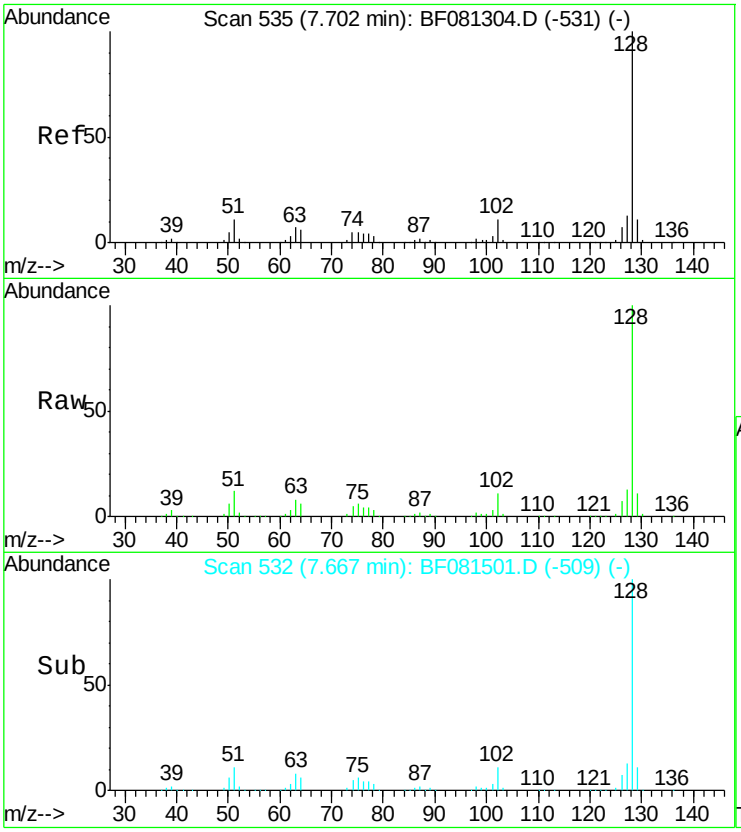


#25
Isophorone
Concen: 42.27 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.30 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion: 82 Resp: 326963

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#



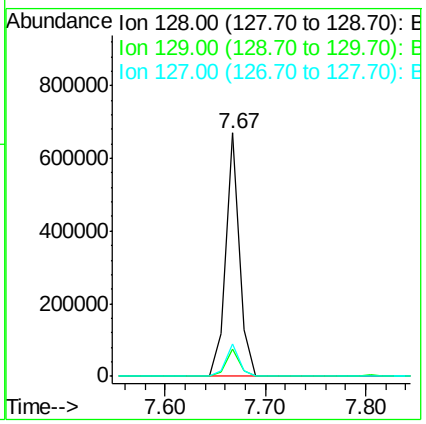


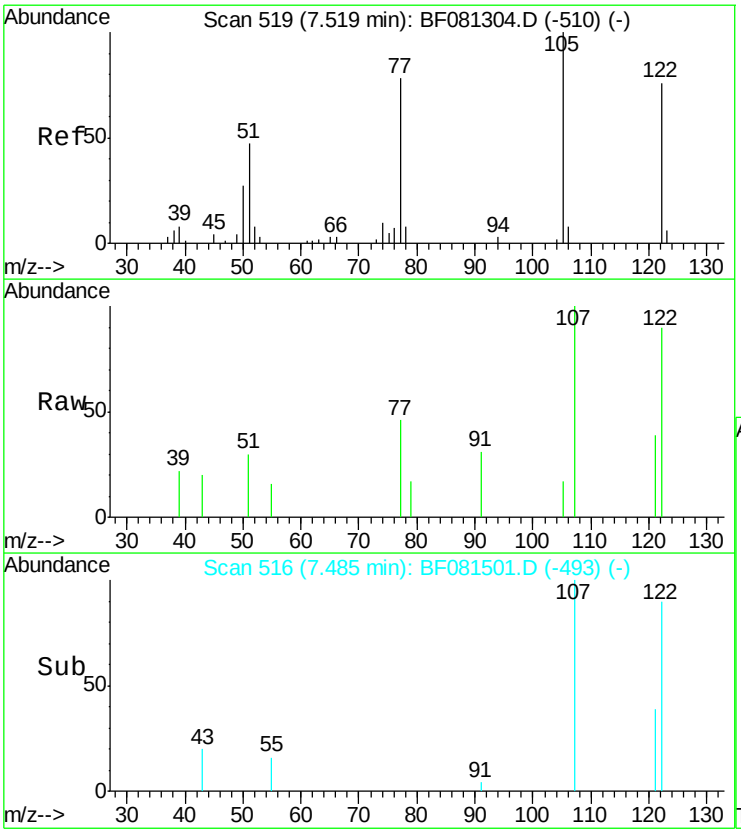
#31
Naphthalene
Concen: 59.28 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:128 Resp: 634414

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.4	12.6
127	13.2	9.9	14.9

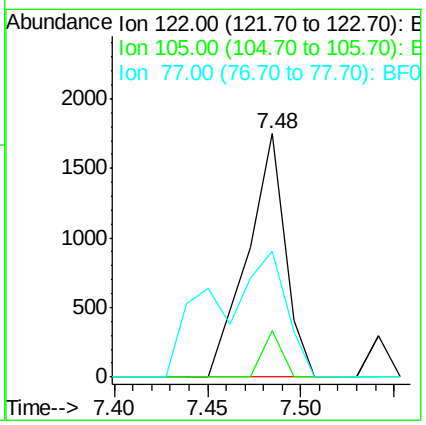


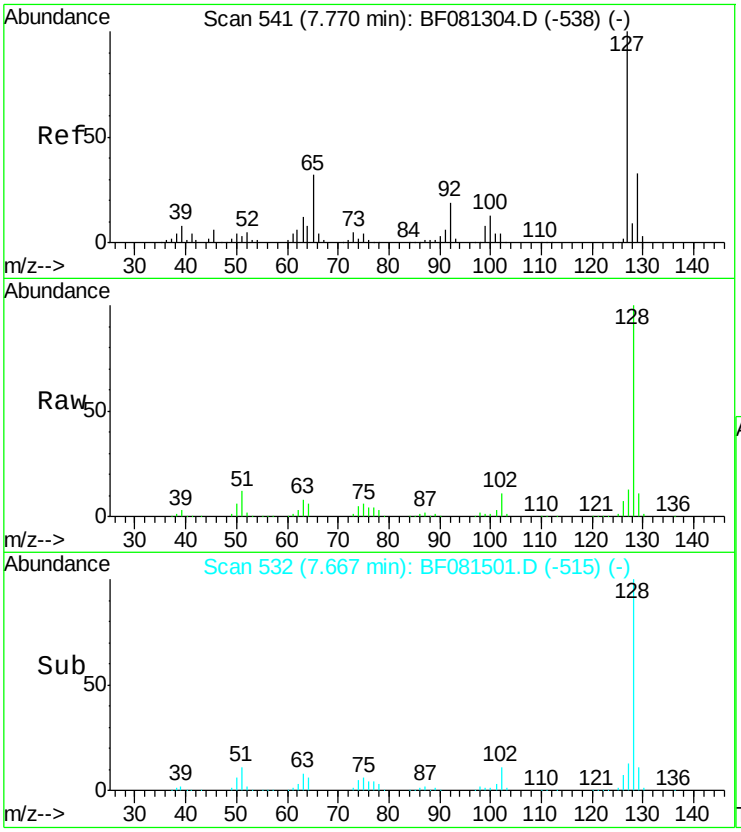


#32
Benzoic acid
Concen: 3.54 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:122 Resp: 2450

Ion	Ratio	Lower	Upper
122	100		
105	19.3	76.1	116.1#
77	51.5	40.5	80.5



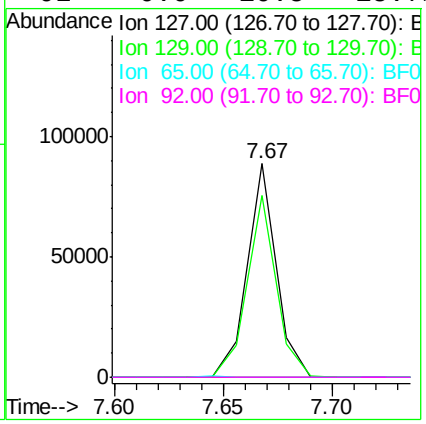


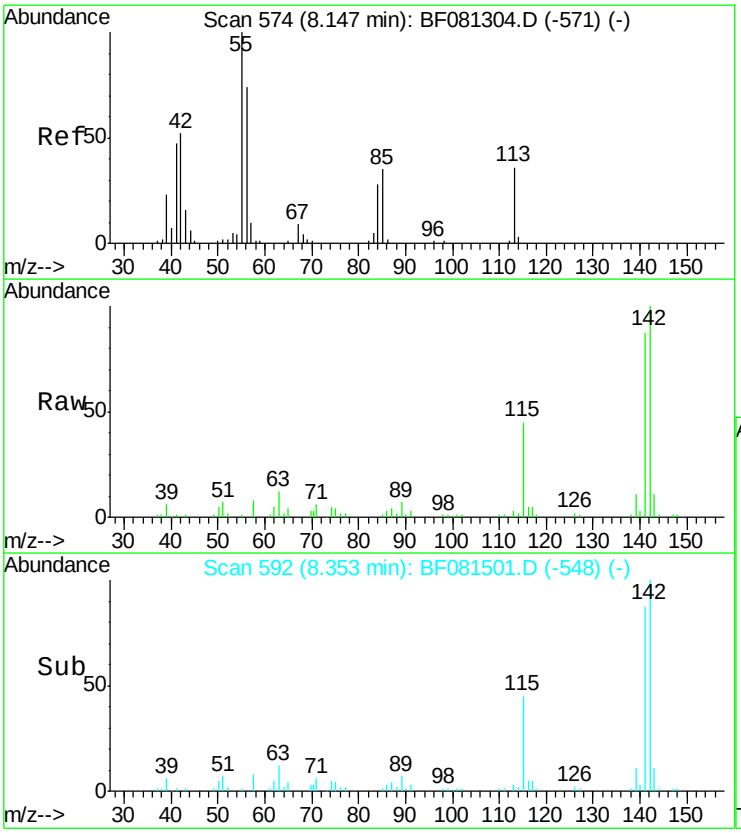
#33
4-Chloroaniline
Concen: 18.92 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.10 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:127 Resp: 82601

Ion	Ratio	Lower	Upper
127	100		
129	85.2	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#

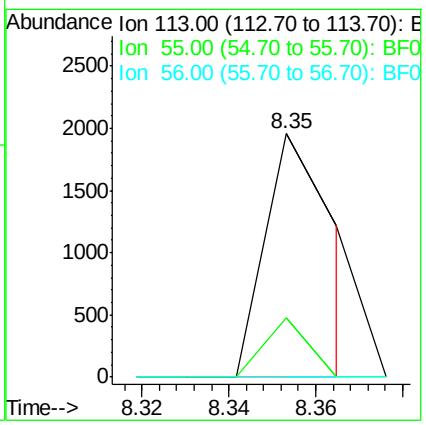


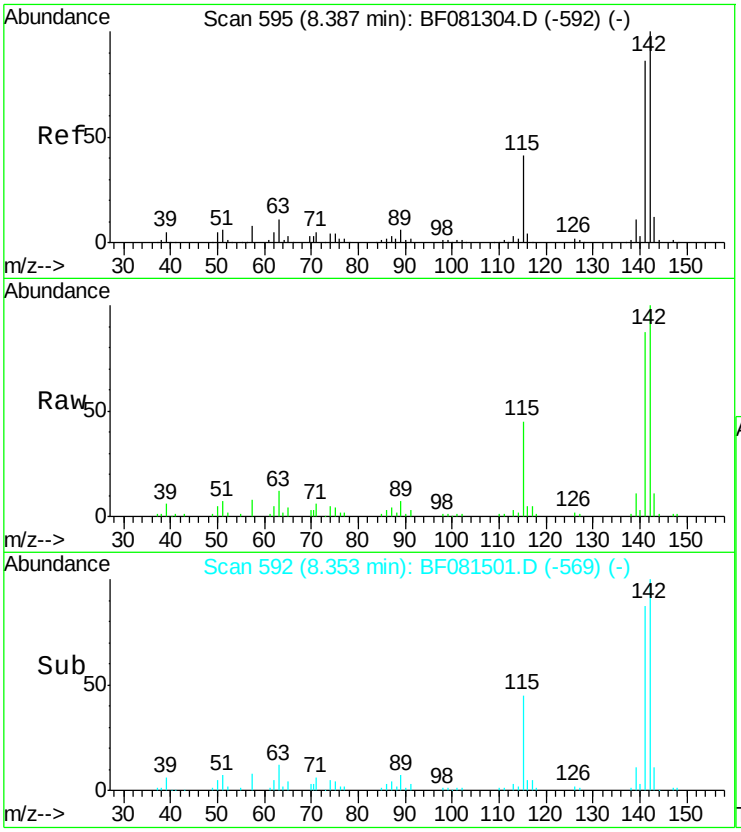


#35
Caprolactam
Concen: 2.52 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.21 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:113 Resp: 2179

Ion	Ratio	Lower	Upper
113	100		
55	24.3	152.4	192.4#
56	0.0	104.6	144.6#



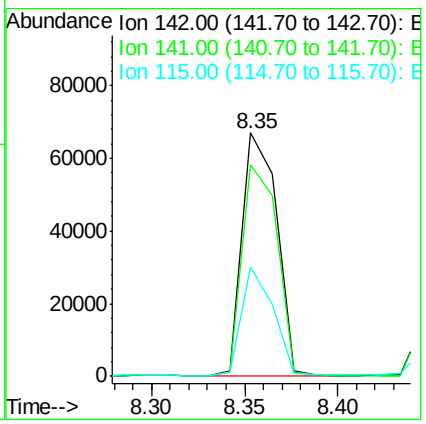


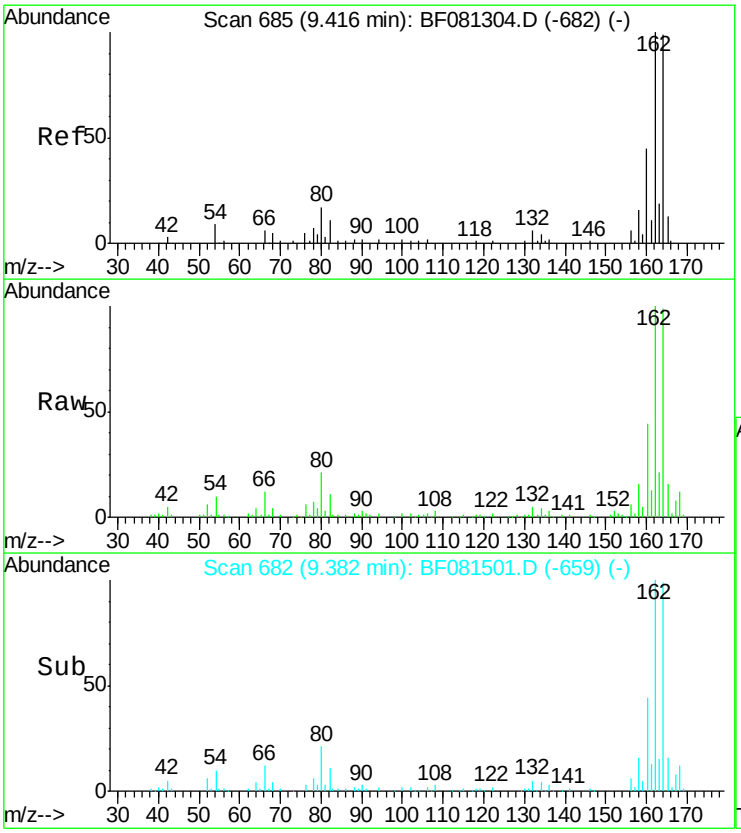
#37
2-Methylnaphthalene
Concen: 12.47 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:142 Resp: 86820

Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.5	101.3
115	44.8	18.2	27.2#

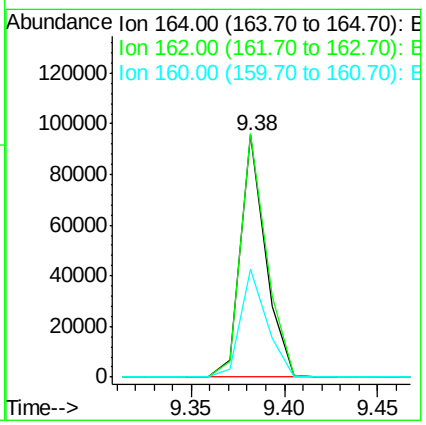


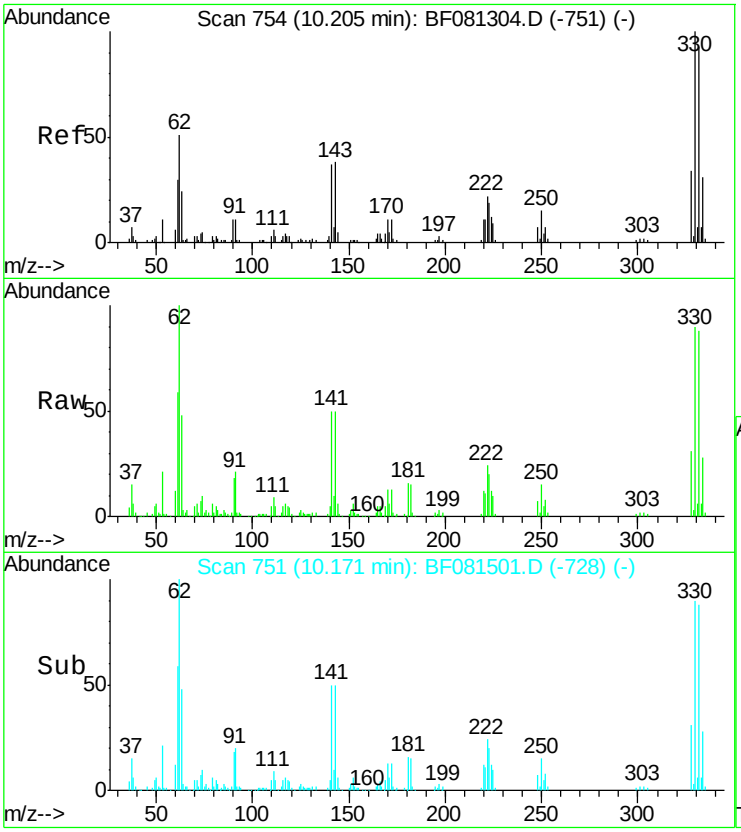


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:164 Resp: 89996

Ion	Ratio	Lower	Upper
164	100		
162	100.6	75.2	112.8
160	44.7	31.5	47.3



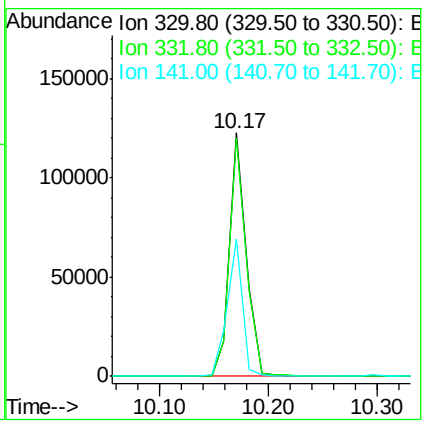


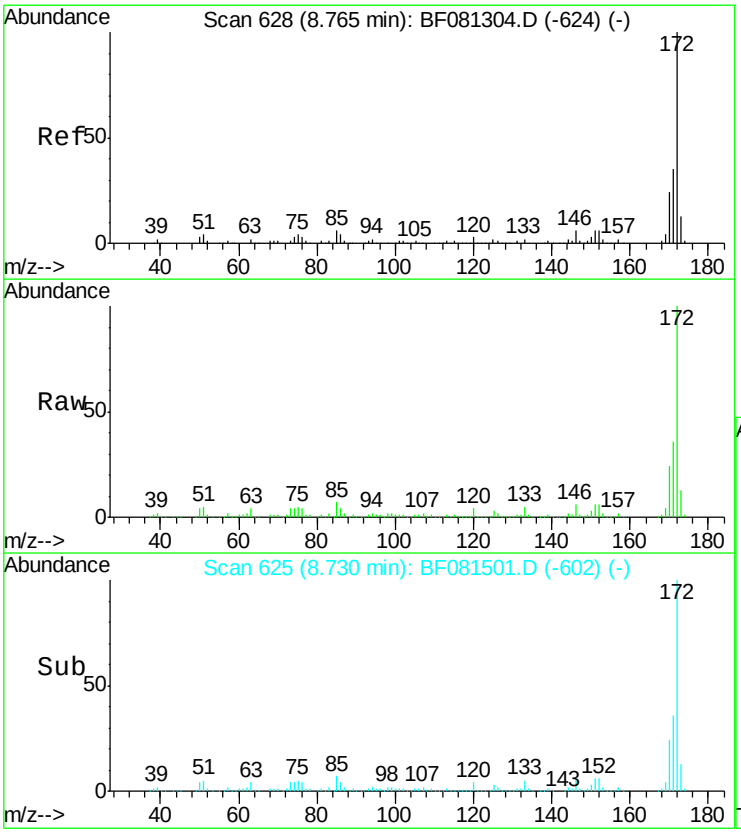
#41
2,4,6-Tribromophenol
Concen: 160.93 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:330 Resp: 128959

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	52.5	29.7	44.5#

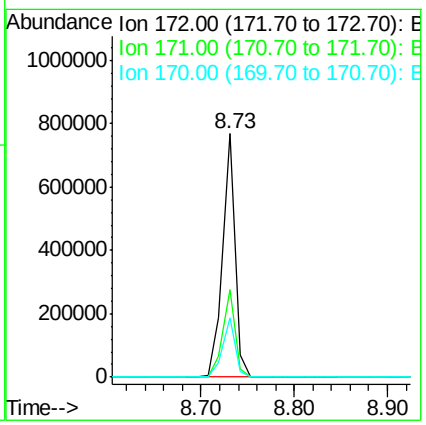


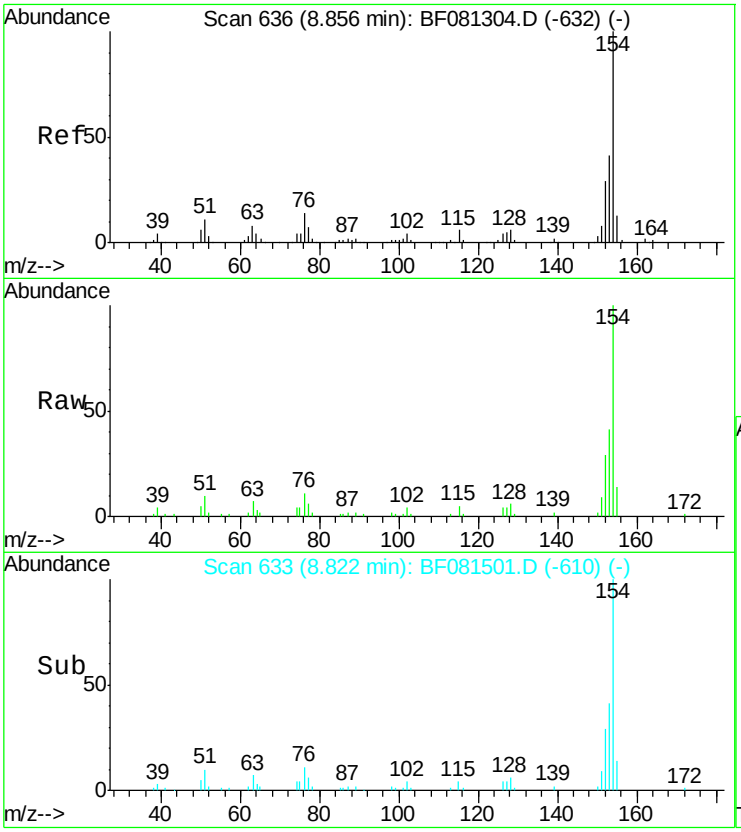


#44
2-Fluorobiphenyl
Concen: 101.85 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:172 Resp: 715247

Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.2	17.4	26.2



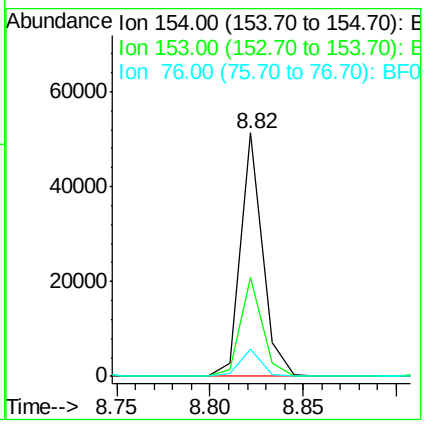


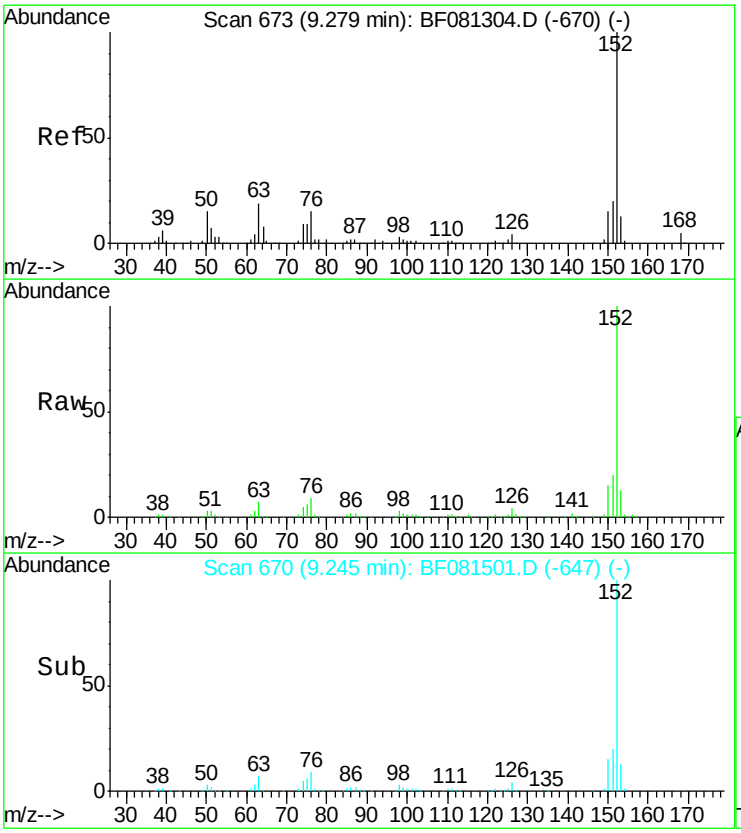
#45
1,1'-Biphenyl
Concen: 5.11 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:154 Resp: 42302

Ion	Ratio	Lower	Upper
154	100		
153	40.9	17.1	57.1
76	11.4	0.0	31.6

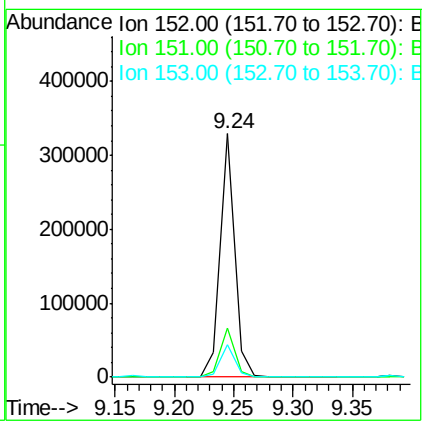


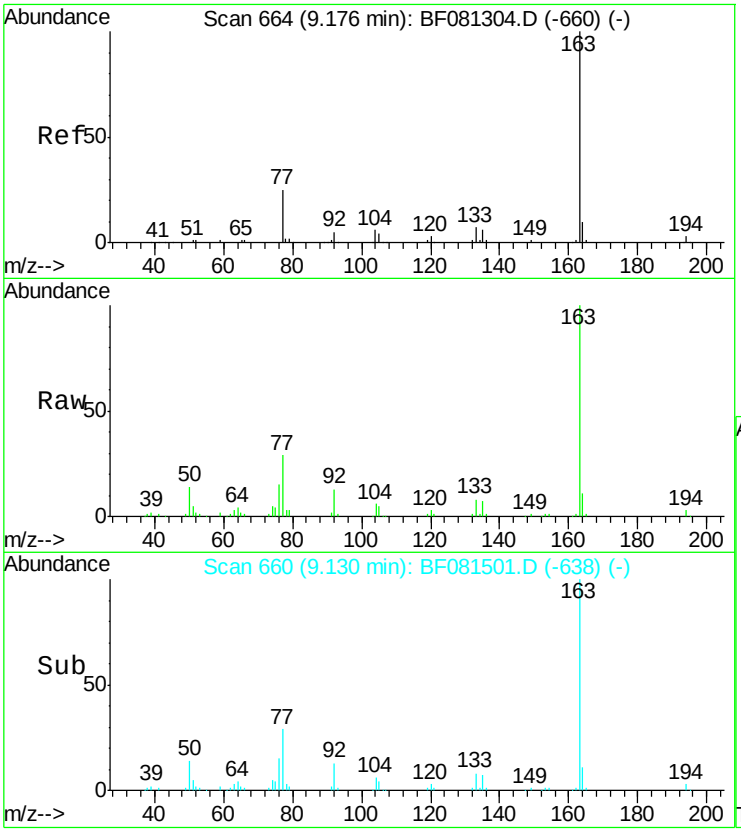


#48
Acenaphthylene
Concen: 26.03 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:152 Resp: 276104

Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.6	22.0
153	13.3	10.3	15.5



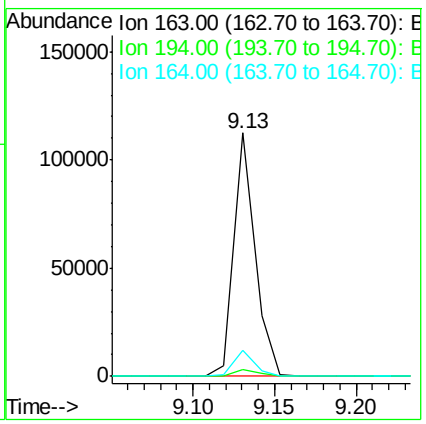


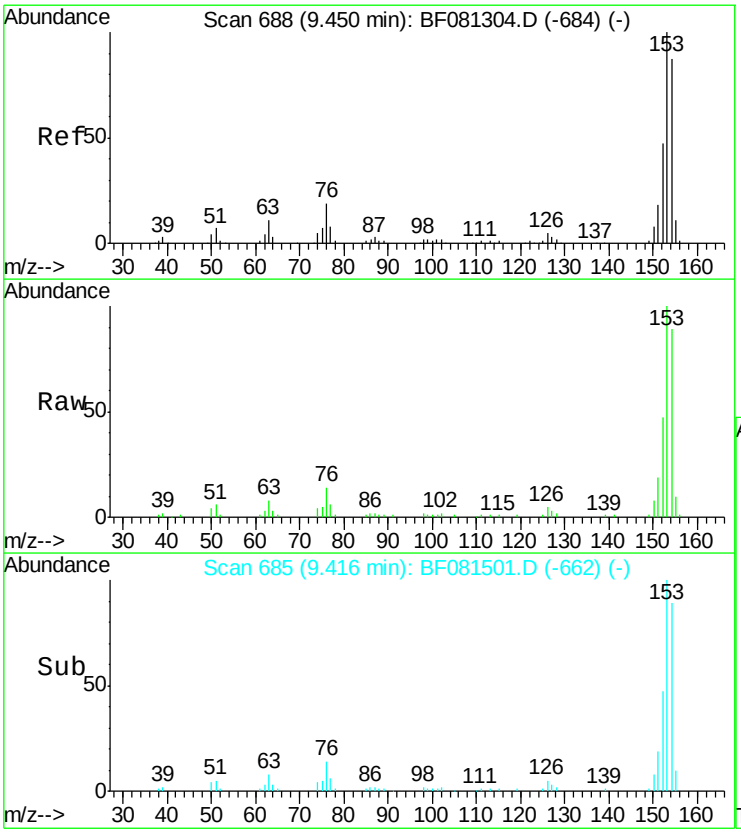
#49
Dimethylphthalate
Concen: 14.39 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:163 Resp: 100611

Ion	Ratio	Lower	Upper
163	100		
194	2.8	4.4	6.6#
164	10.7	8.3	12.5

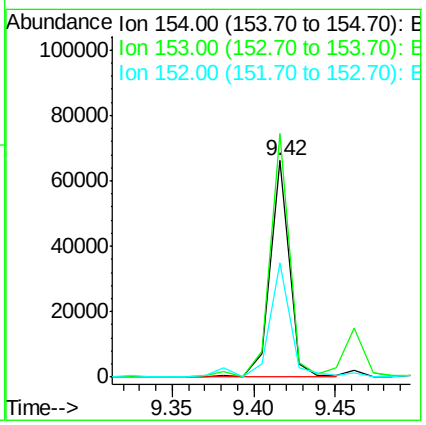


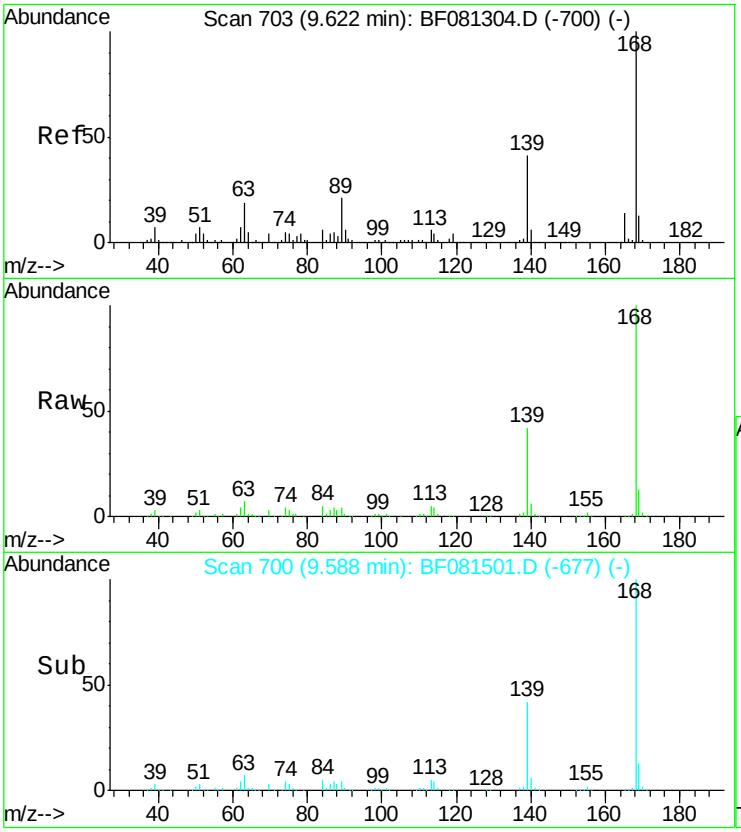


#51
Acenaphthene
Concen: 9.01 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:154 Resp: 54365

Ion	Ratio	Lower	Upper
154	100		
153	112.4	82.1	123.1
152	53.0	37.9	56.9



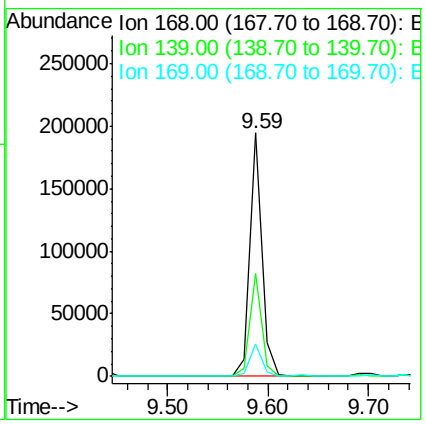


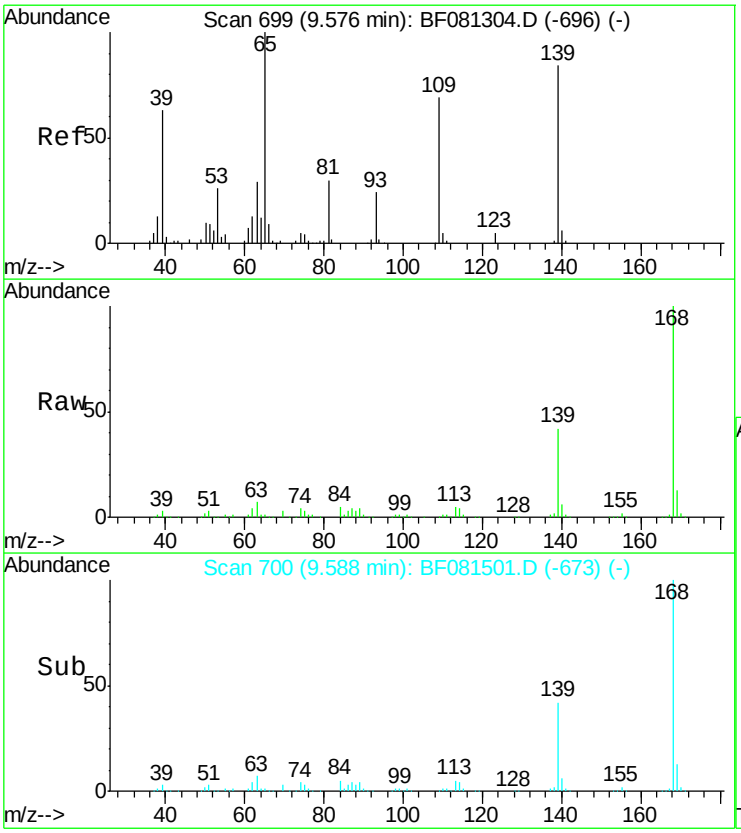
#54
Dibenzofuran
Concen: 18.56 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:168 Resp: 163559

Ion	Ratio	Lower	Upper
168	100		
139	42.3	24.2	36.2#
169	13.4	10.6	15.8

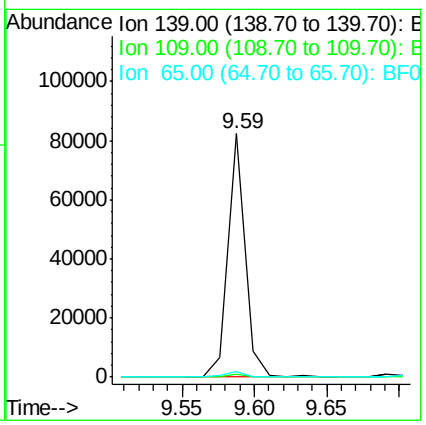


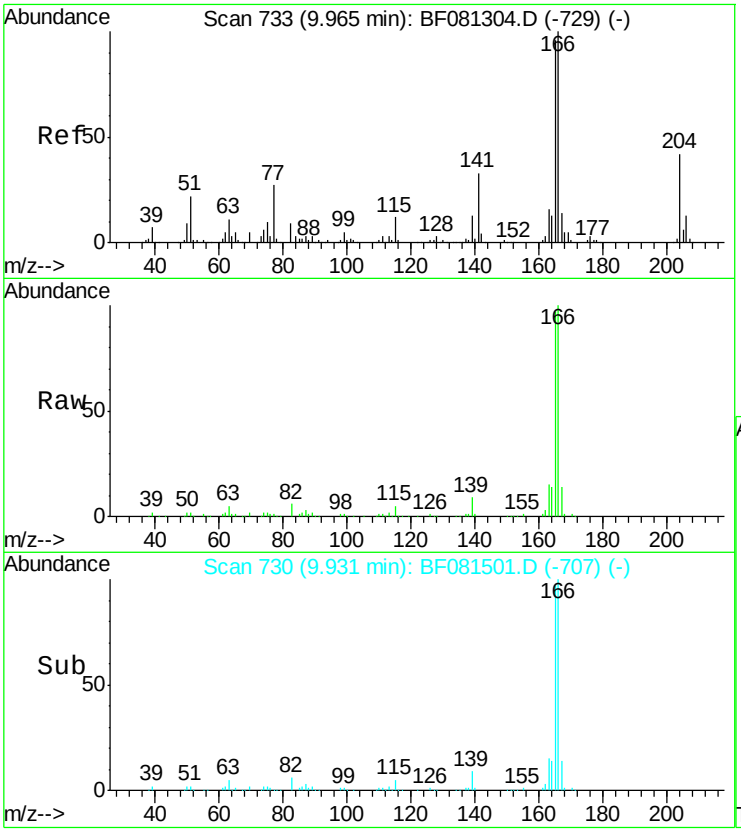


#55
4-Nitrophenol
Concen: 59.89 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:139 Resp: 67977

Ion	Ratio	Lower	Upper
139	100		
109	1.0	12.7	52.7#
65	2.2	45.9	85.9#



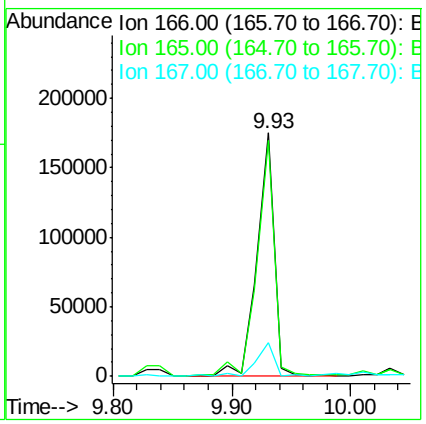


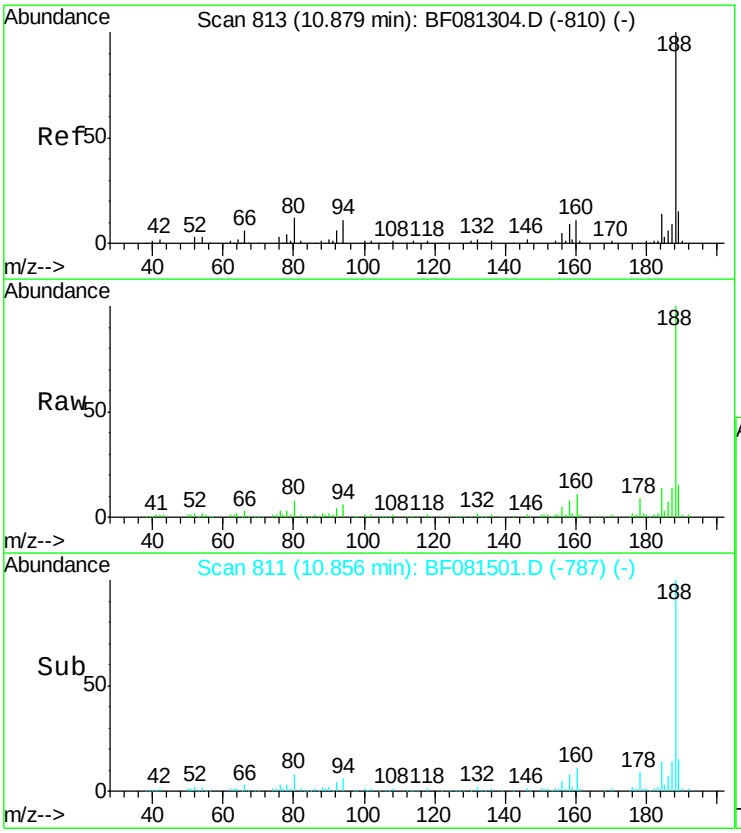
#57
Fluorene
Concen: 26.74 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:166 Resp: 178809

Ion	Ratio	Lower	Upper
166	100		
165	96.7	72.6	109.0
167	14.0	10.6	16.0

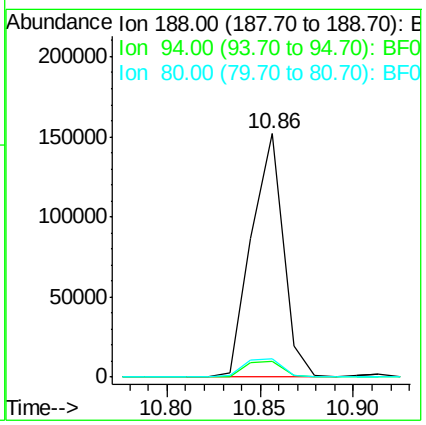


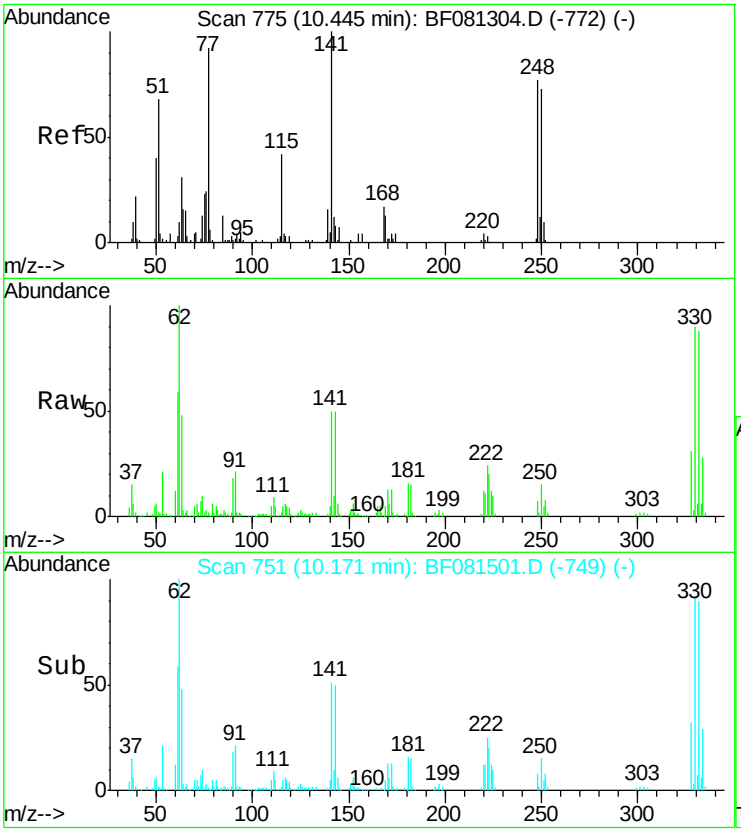


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:188 Resp: 178887

Ion	Ratio	Lower	Upper
188	100		
94	6.4	11.1	16.7#
80	7.5	11.0	16.4#



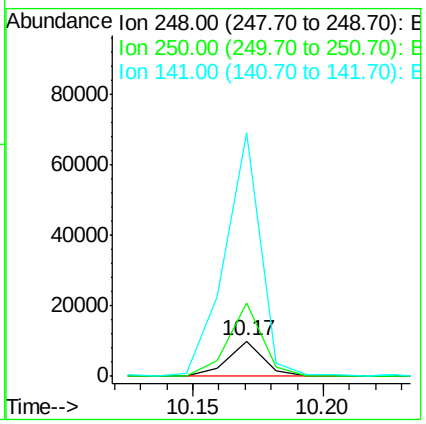


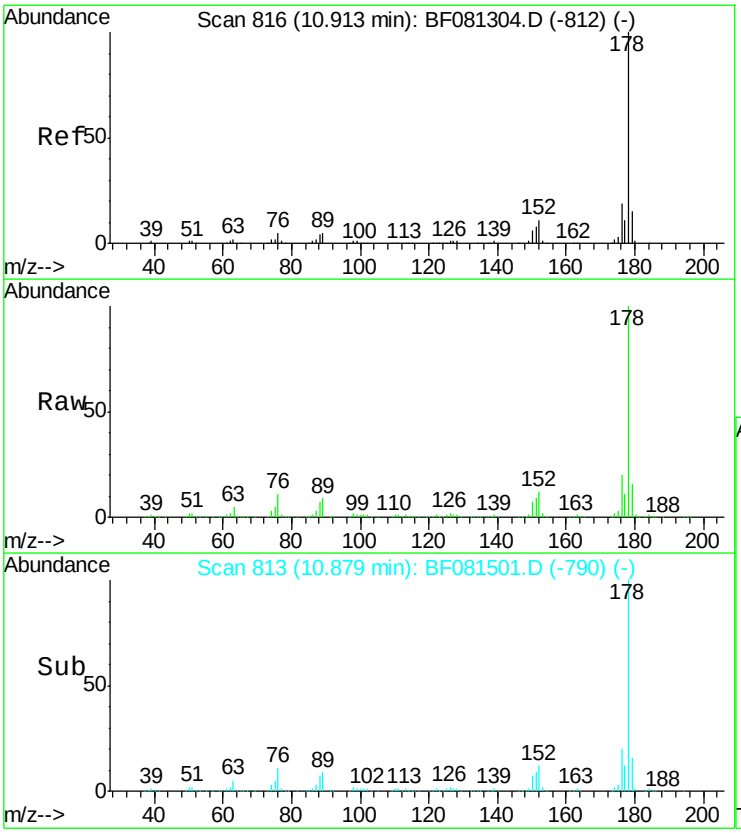
#66
4-Bromophenyl-phenylether
Concen: 5.24 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:248 Resp: 9485

Ion	Ratio	Lower	Upper
248	100		
250	206.0	78.5	117.7#
141	689.2	59.0	88.6#

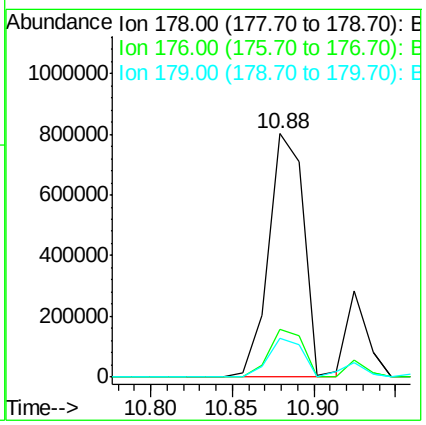


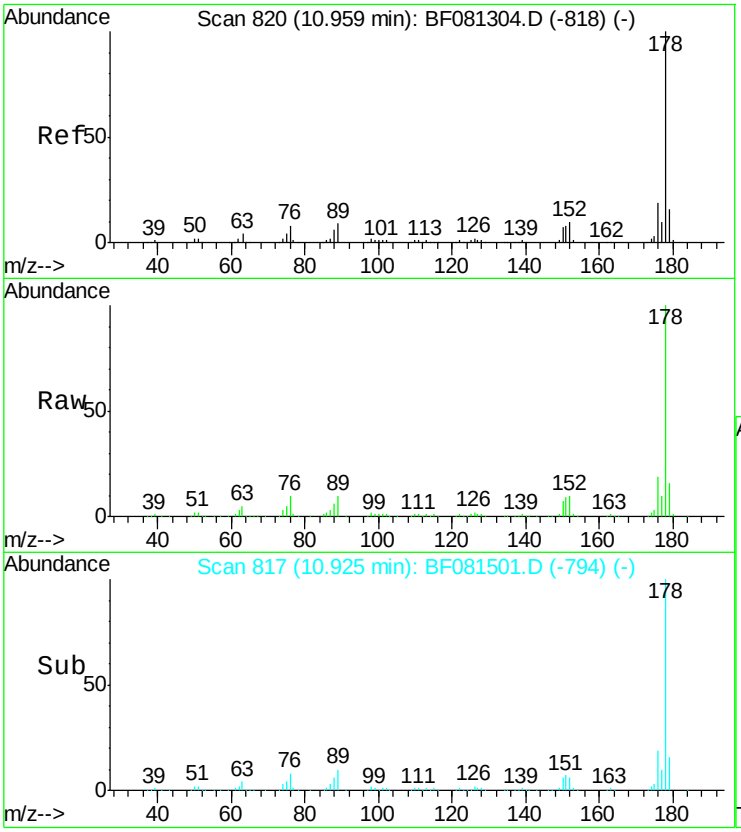


#70
Phenanthrene
Concen: 120.95 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:178 Resp: 1202841

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	16.1	12.2	18.2



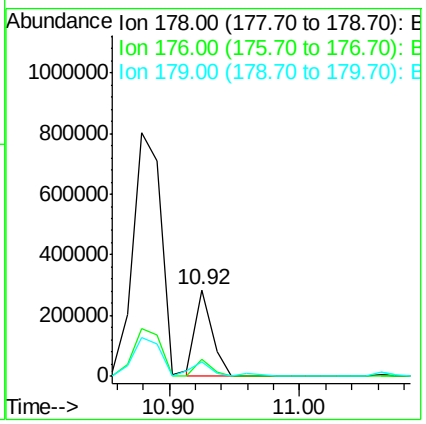


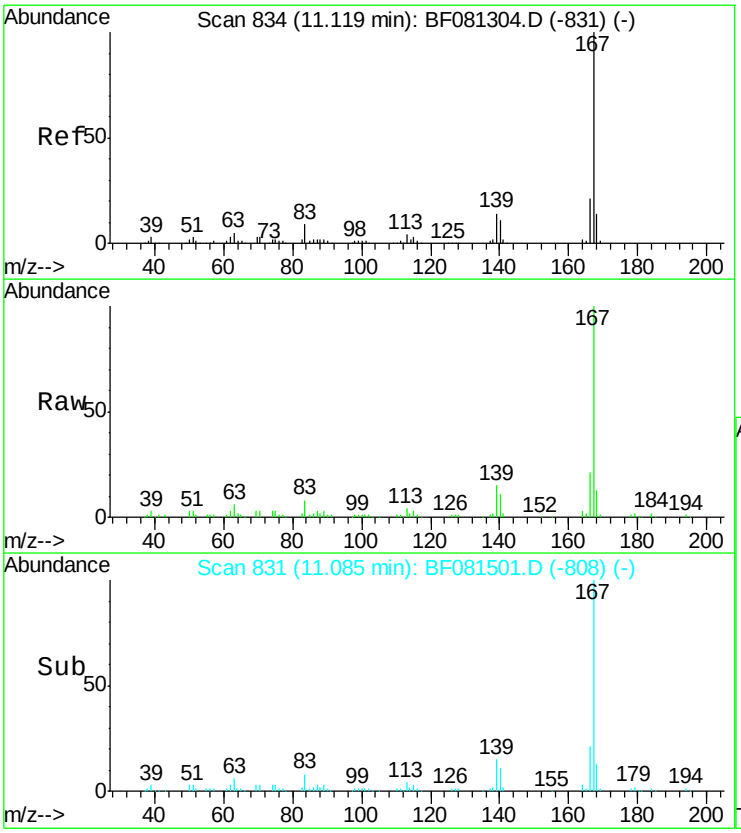
#71
Anthracene
Concen: 25.08 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:178 Resp: 256297

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	16.5	12.2	18.2

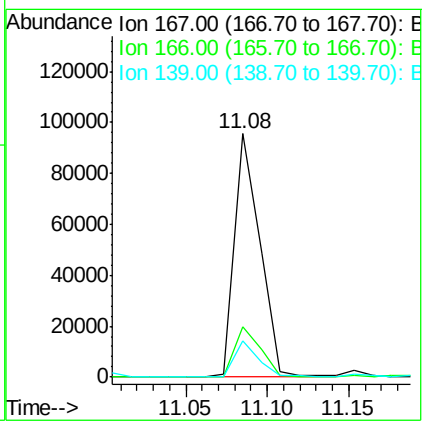


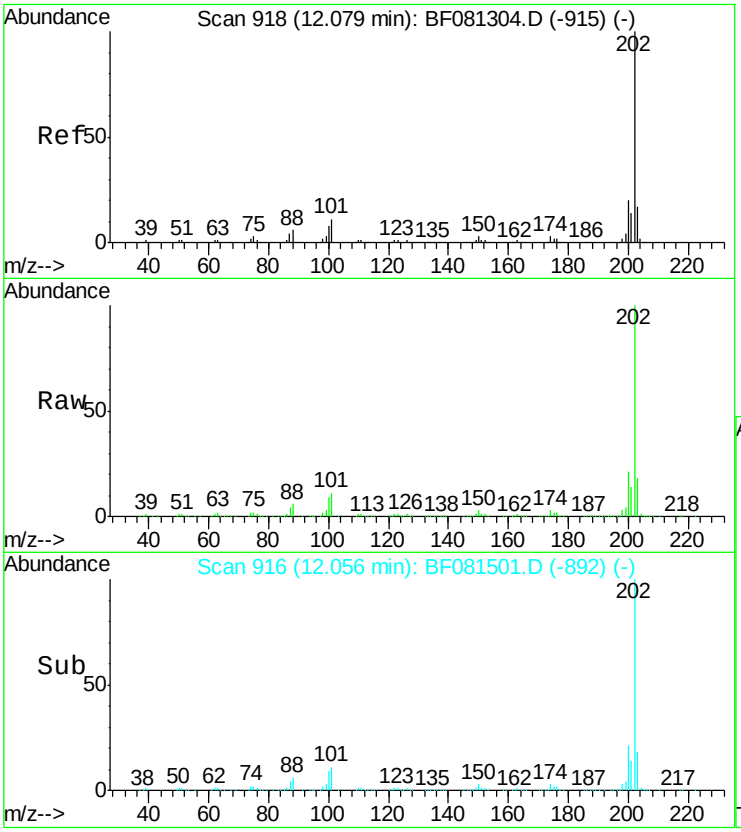


#72
Carbazole
Concen: 10.69 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:167 Resp: 102488

Ion	Ratio	Lower	Upper
167	100		
166	20.7	15.7	23.5
139	14.9	9.5	14.3#



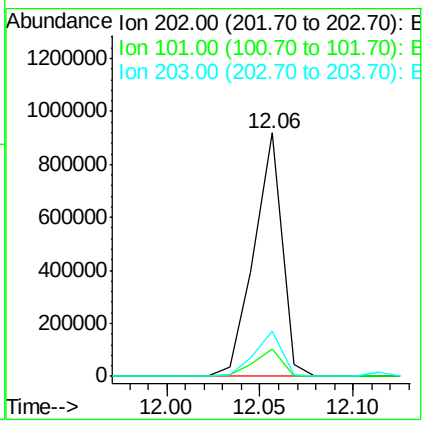


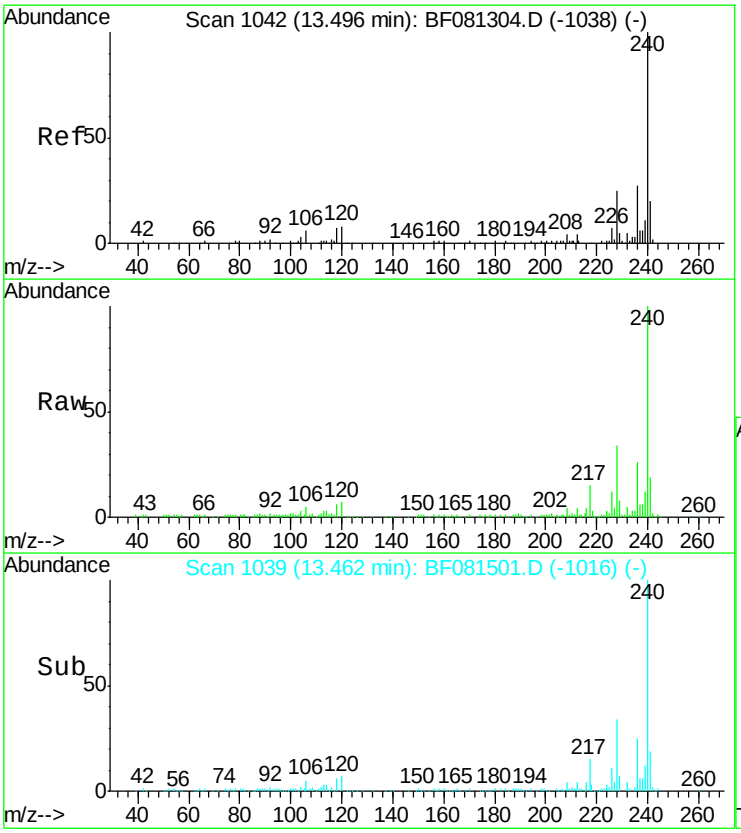
#74
Fluoranthene
Concen: 88.93 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:202 Resp: 957461

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	38.3
203	18.5	0.0	37.3

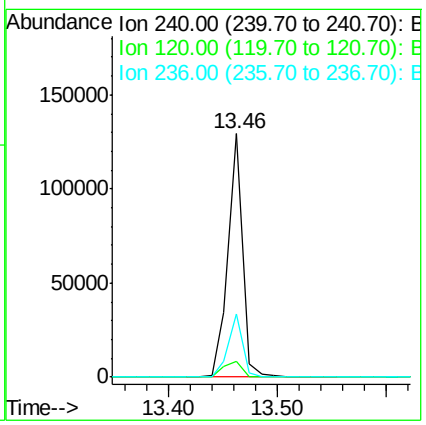


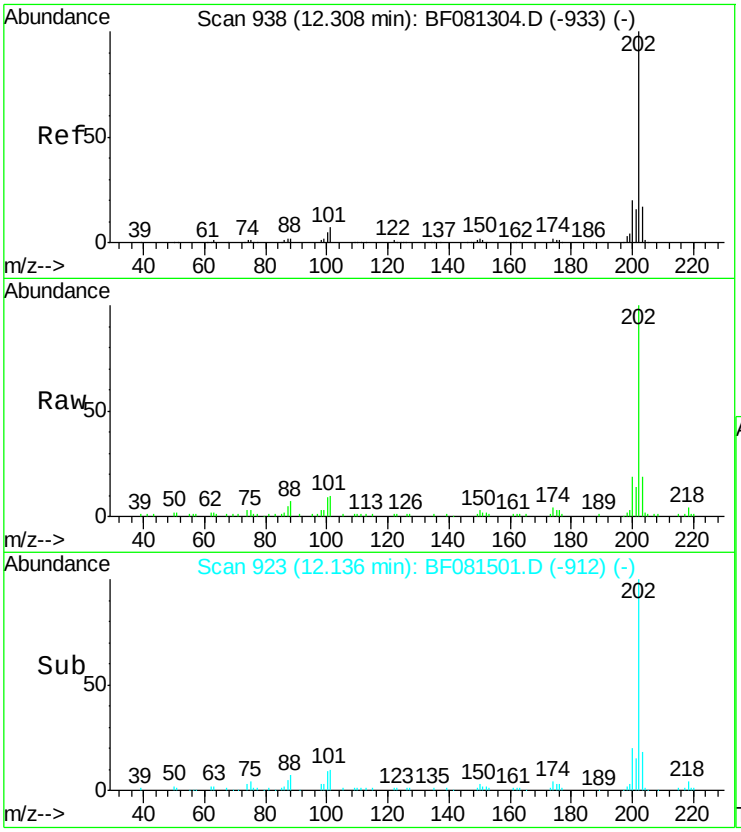


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:240 Resp: 120080

Ion	Ratio	Lower	Upper
240	100		
120	6.6	16.2	24.2#
236	25.8	18.4	27.6



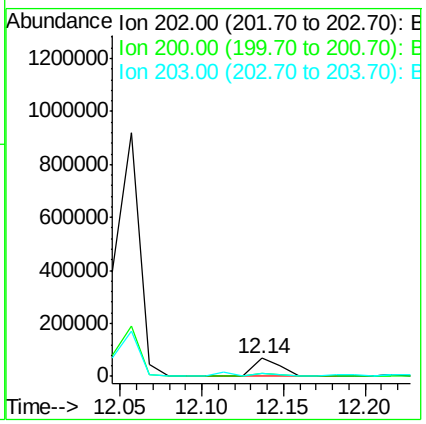


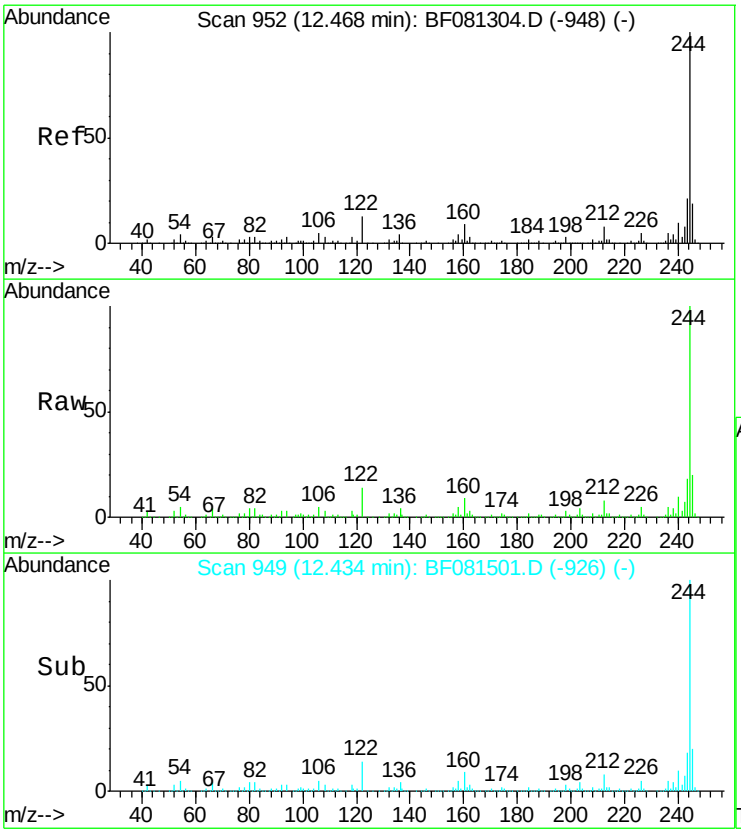
#77
Pyrene
Concen: 8.74 ng
RT: 12.14 min Scan# 923
Delta R.T. -0.17 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:202 Resp: 77769

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.0	22.4
203	18.7	14.1	21.1

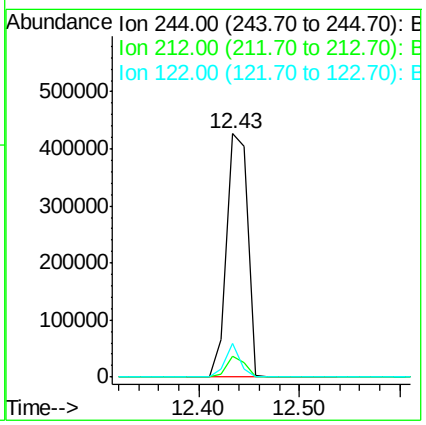


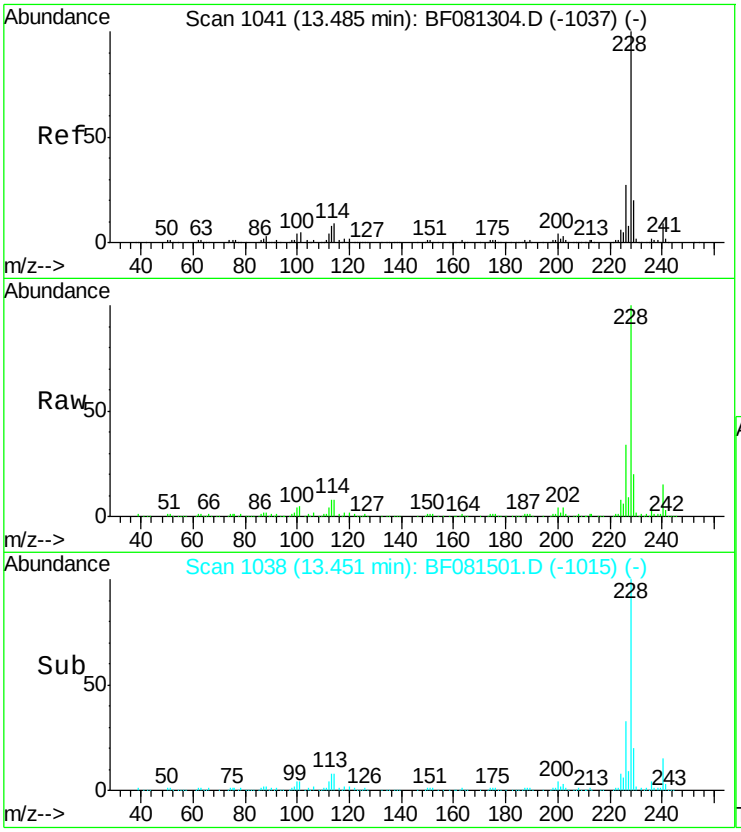


#78
Terphenyl-d14
Concen: 120.54 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:244 Resp: 621819

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	13.9	17.4	26.2#



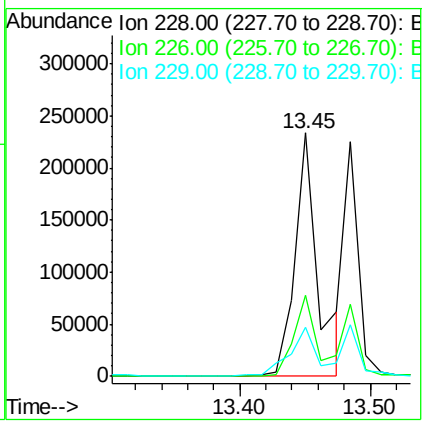


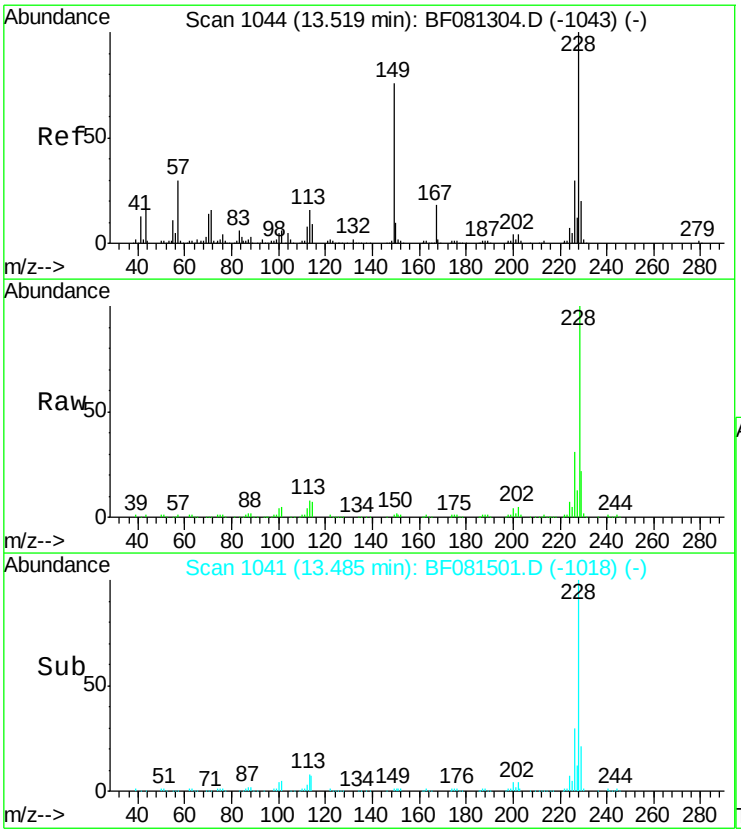
#80
Benzo(a)anthracene
Concen: 37.64 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:228 Resp: 287871

Ion	Ratio	Lower	Upper
228	100		
226	33.5	20.0	30.0#
229	20.2	15.4	23.2

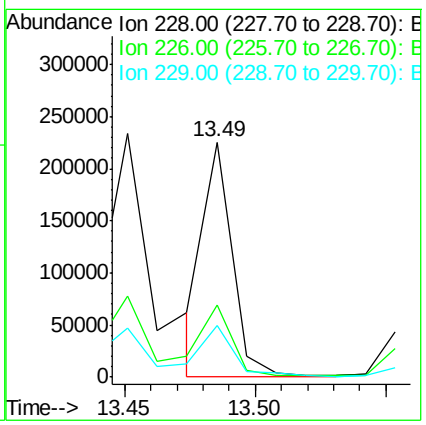


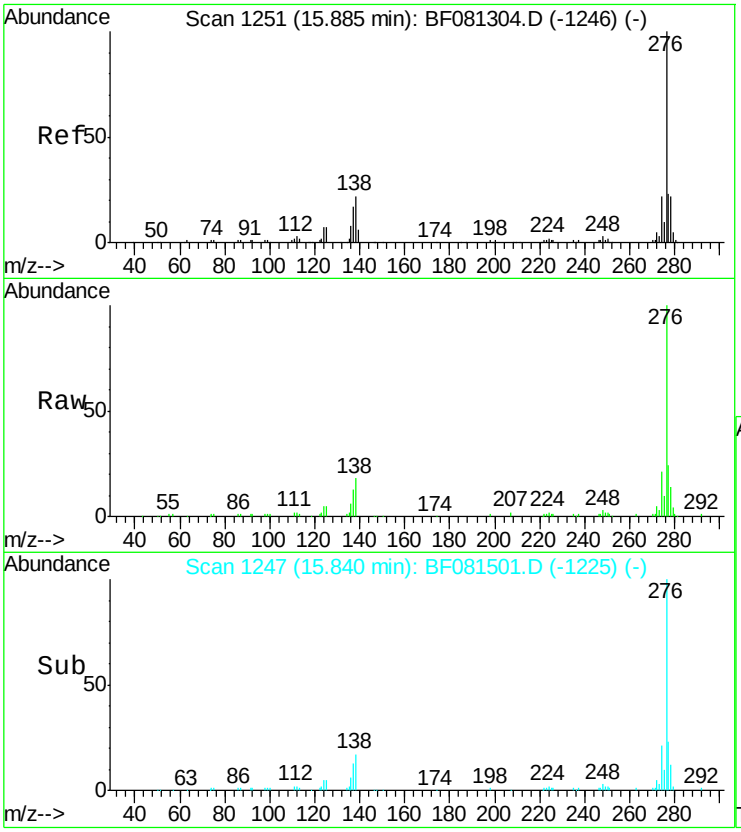


#82
Chrysene
Concen: 25.16 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:228 Resp: 172463

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	22.0	15.6	23.4



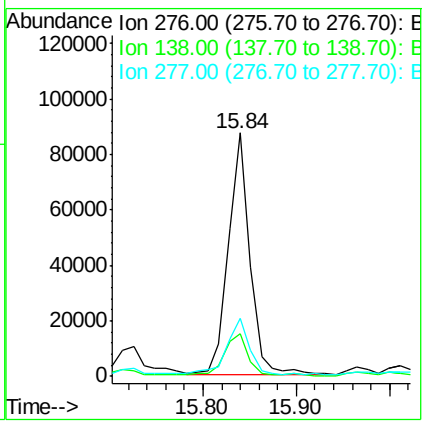


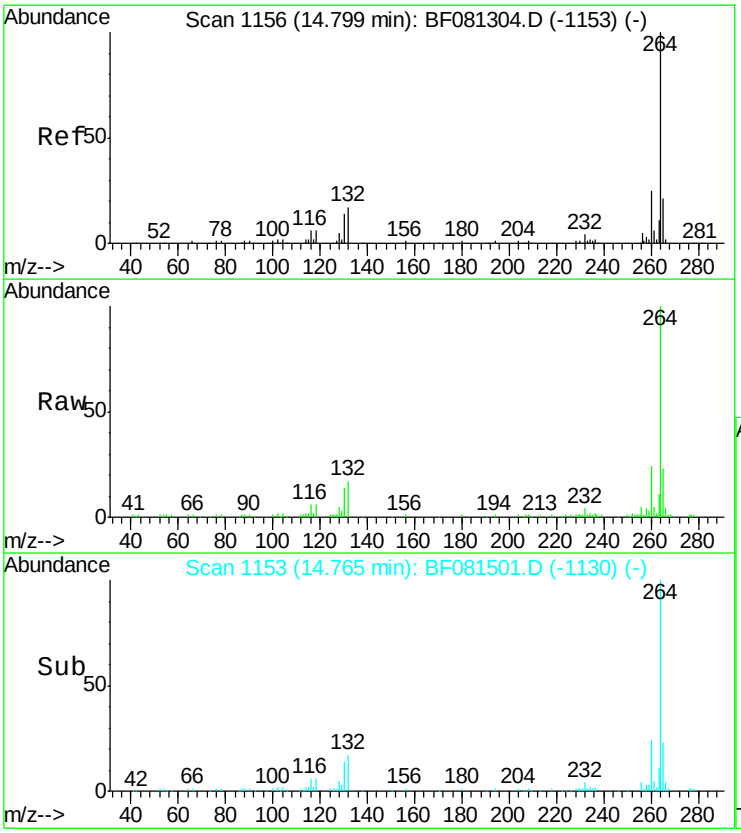
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.33 ng
RT: 15.84 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:276 Resp: 142505

Ion	Ratio	Lower	Upper
276	100		
138	17.9	25.7	38.5#
277	23.9	15.6	23.4#

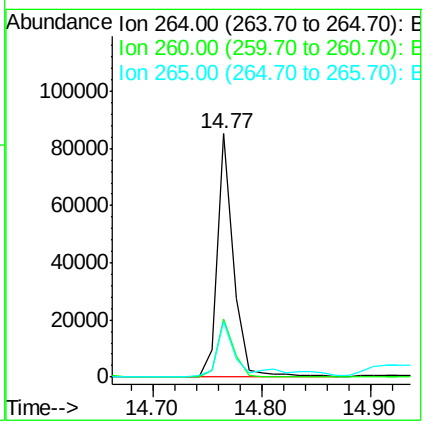


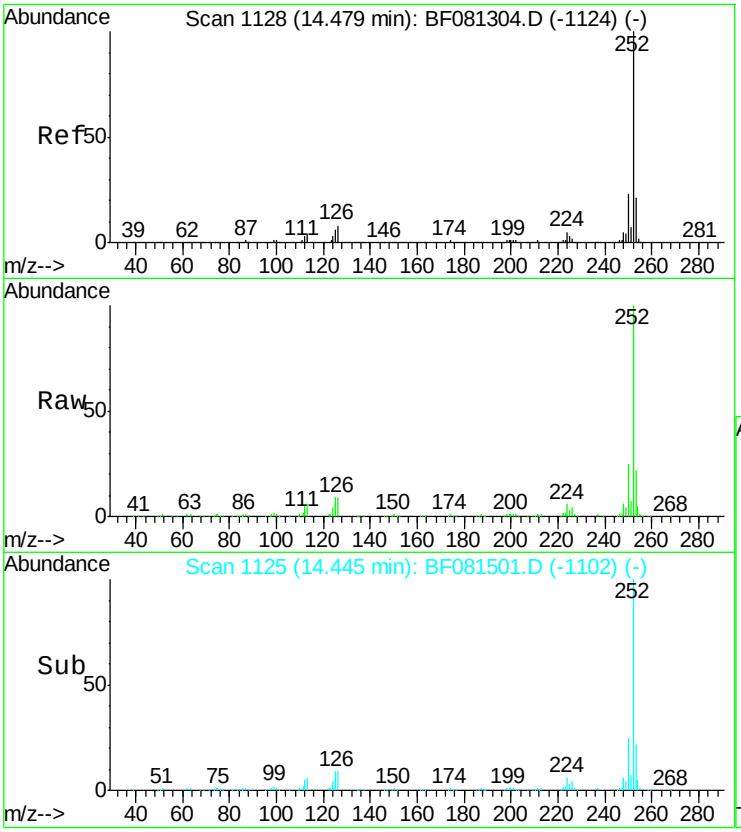


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:264 Resp: 88899

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.5	17.2	25.8



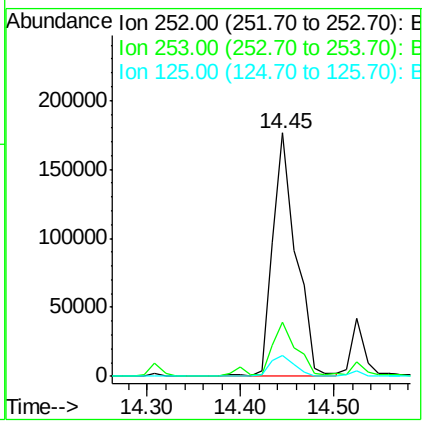


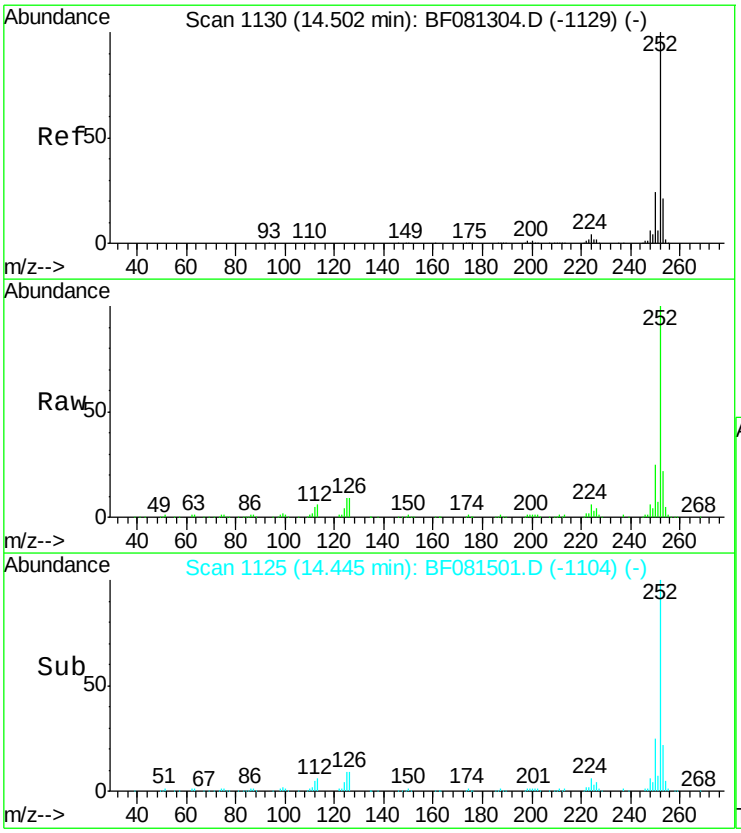
#87
Benzo(b)fluoranthene
Concen: 48.55 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:252 Resp: 308143

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	8.8	17.1	25.7#

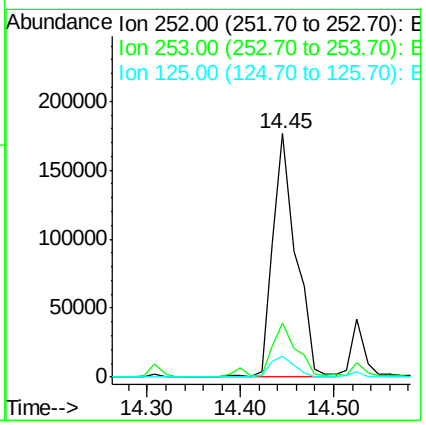


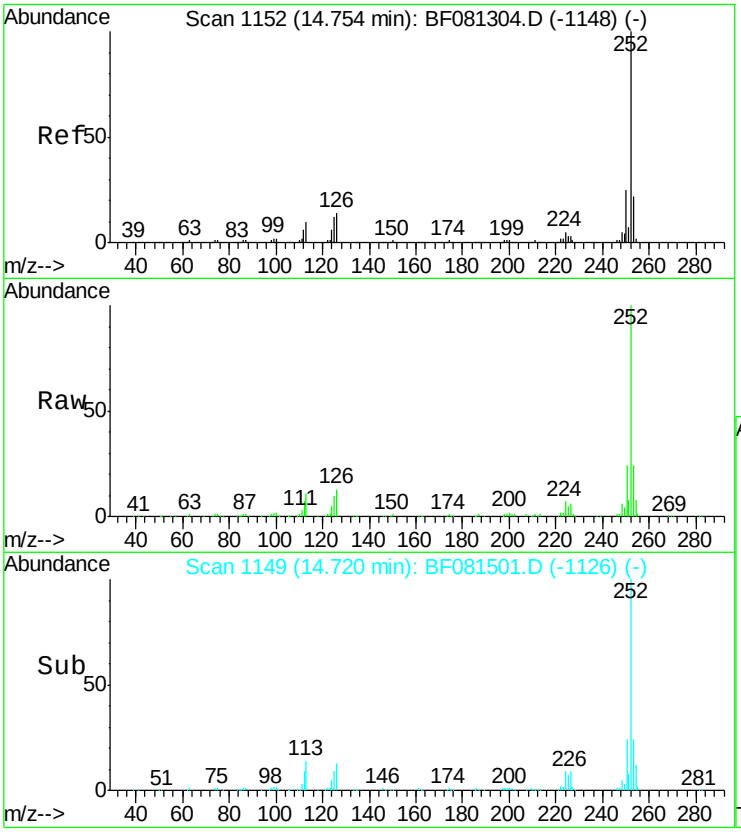


#88
Benzo(k)fluoranthene
Concen: 58.51 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:252 Resp: 308143

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	8.8	16.0	24.0#



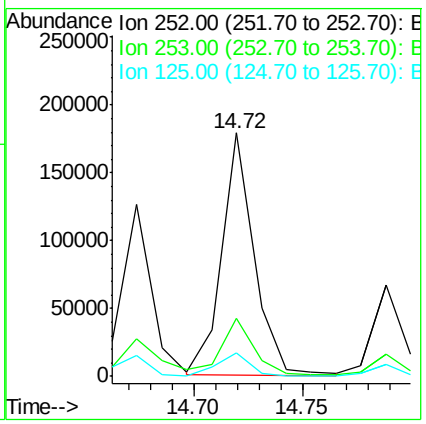


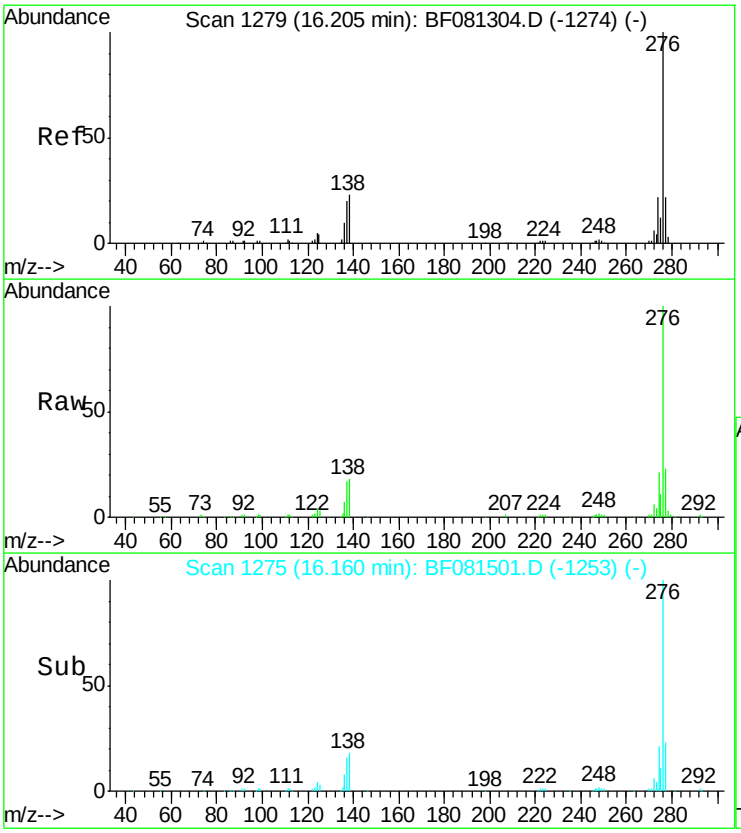
#89
Benzo(a)pyrene
Concen: 34.34 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Instrument :
BNA_F
ClientSampleId :
MGP207BR-25-25.5RE

Tgt Ion:252 Resp: 184679

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	9.6	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 40.24 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF081501.D
Acq: 6 Sep 2015 10:42

Tgt Ion:276 Resp: 159596

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.6
138	18.3	34.6	51.8#