Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081511.D
Acq On : 6 Sep 2015 15:49
Operator : UM/IZ
Sample : G3472-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB002

Quant Time: Sep 07 01:59:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 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	48649	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	182195	20.00	ng		-0.03
38) Acenaphthene-d10	9.38	164	78752	20.00	ng		-0.03
63) Phenanthrene-d10	10.86	188	136927	20.00	ng		-0.02
75) Chrysene-d12	13.47	240	100254	20.00	ng		-0.02
86) Perylene-d12	14.78	264	79712	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	291222	92.88	ng		-0.02
7) Phenol-d6	6.03	99	449824	108.38	ng		-0.02
23) Nitrobenzene-d5	6.94	82	280488	74.28	ng		-0.03
41) 2,4,6-Tribromophenol	10.17	330	60331	86.04	ng		-0.03
44) 2-Fluorobiphenyl	8.73	172	410208	66.75	ng		-0.03
78) Terphenyl-d14	12.43	244	226000	52.48	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.94	70	38697	13.70	ng	#	63
25) Isophorone	6.94	82	214188	30.49	ng	#	58
31) Naphthalene	7.67	128	66876	6.88	ng		100
32) Benzoic acid	7.48	122	1430	3.18	ng	#	56
33) 4-Chloroaniline	7.67	127	8398	2.12	ng	#	36
37) 2-Methylnaphthalene	8.36	142	15438	2.44	ng	#	92
48) Acenaphthylene	9.24	152	41721	4.49	ng		96
49) Dimethylphthalate	9.13	163	105227	17.20	ng	#	97
51) Acenaphthene	9.42	154	51081	9.67	ng		94
54) Dibenzofuran	9.59	168	48186	6.25	ng	#	84
55) 4-Nitrophenol	9.59	139	19915	20.05	ng	#	29
56) 2,4-Dinitrotoluene	9.38	165	11202	6.34	ng	#	38
57) Fluorene	9.93	166	58918	10.07	ng		97
66) 4-Bromophenyl-phenylether	10.17	248	4831	3.49	ng	#	1
70) Phenanthrene	10.88	178	640484	84.14	ng		96
71) Anthracene	10.92	178	165241	21.13	ng		98
72) Carbazole	11.10	167	87134	11.87	ng		98
74) Fluoranthene	12.06	202	877510	106.48	ng		91
77) Pyrene	12.28	202	845732	113.88	ng		98
79) Butylbenzylphthalate	12.93	149	13294	4.12	ng	#	77
80) Benzo(a)anthracene	13.46	228	404941	63.43	ng		96
82) Chrysene	13.46	228	404941	70.75	ng		97
83) Bis(2-ethylhexyl)phthalate	13.50	149	31381	7.36	ng	#	90
85) Indeno(1,2,3-cd)pyrene	15.86	276	128062	30.50	ng	#	82
87) Benzo(b)fluoranthene	14.46	252	510973	89.79	ng	#	87
88) Benzo(k)fluoranthene	14.46	252	510973	108.21	ng	#	88
89) Benzo(a)pyrene	14.73	252	243943	50.59	ng	#	87
90) Dibenzo(a,h)anthracene	15.86	278	40437	10.85	ng	#	79
91) Benzo(g,h,i)perylene	16.18	276	107414	30.20	ng	#	73

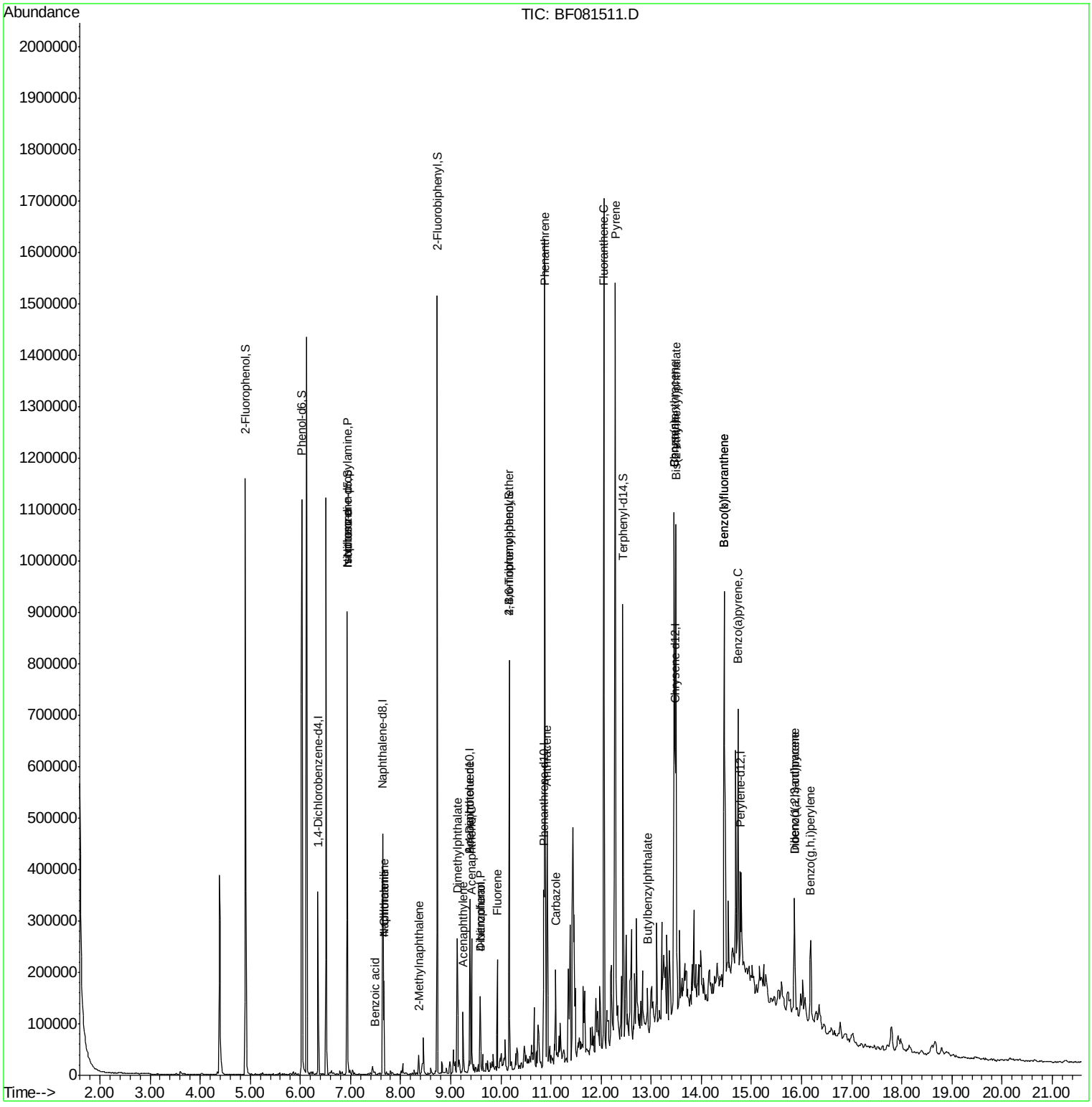
(#) = qualifier out of range (m) = manual integration (+) = signals summed

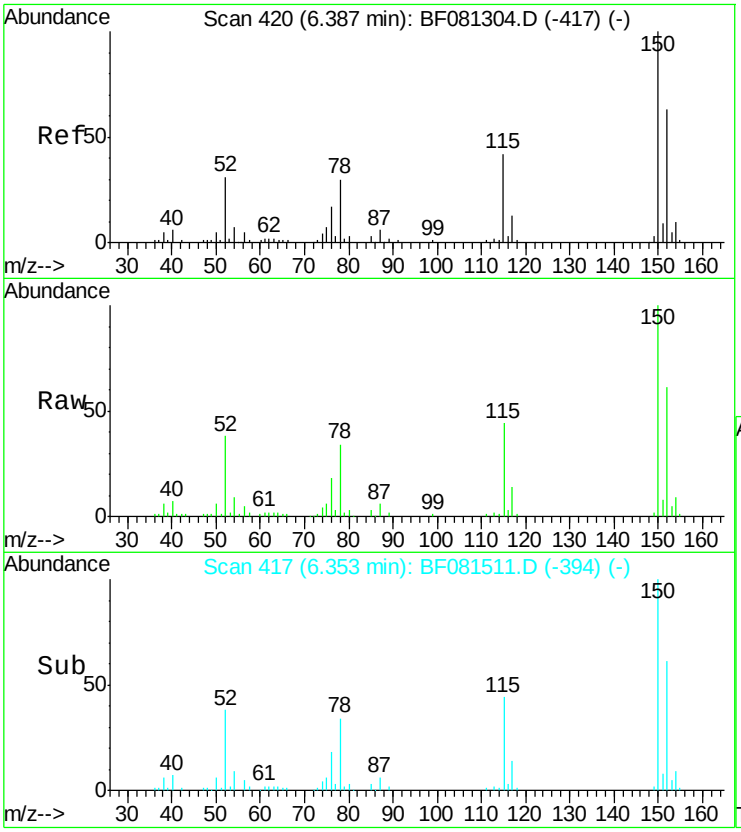
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081511.D
Acq On : 6 Sep 2015 15:49
Operator : UM/IZ
Sample : G3472-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB002

Quant Time: Sep 07 01:59:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration



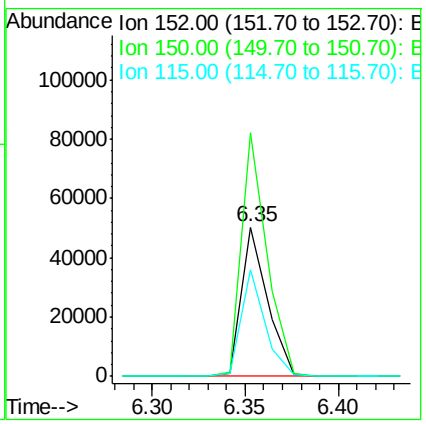


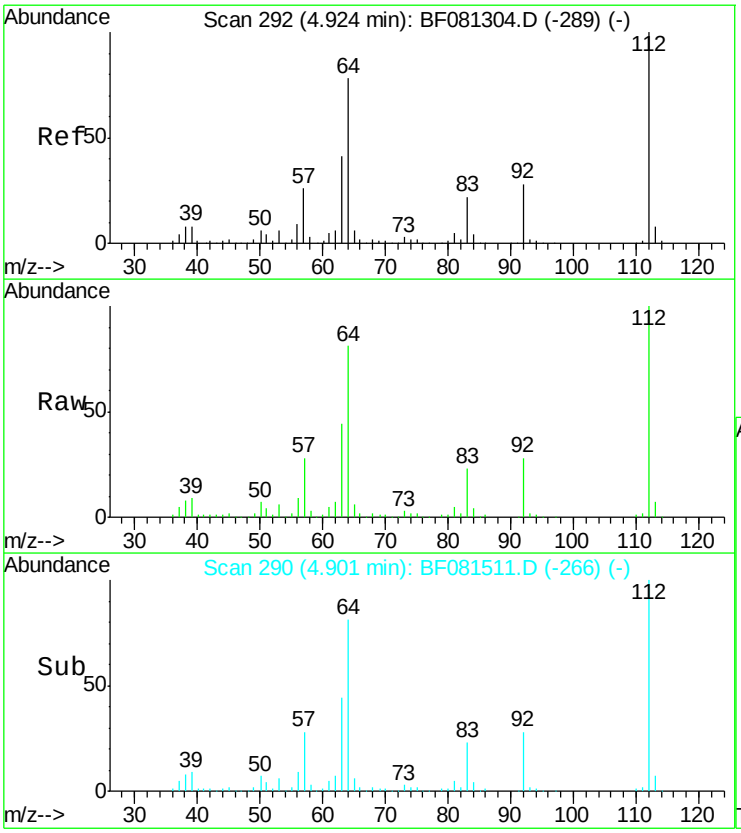
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:152 Resp: 48649

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.7	187.1
115	71.5	39.0	58.4#

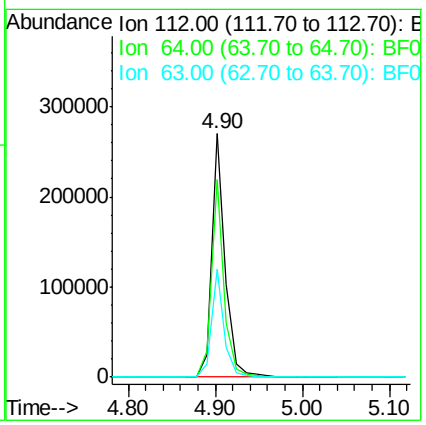


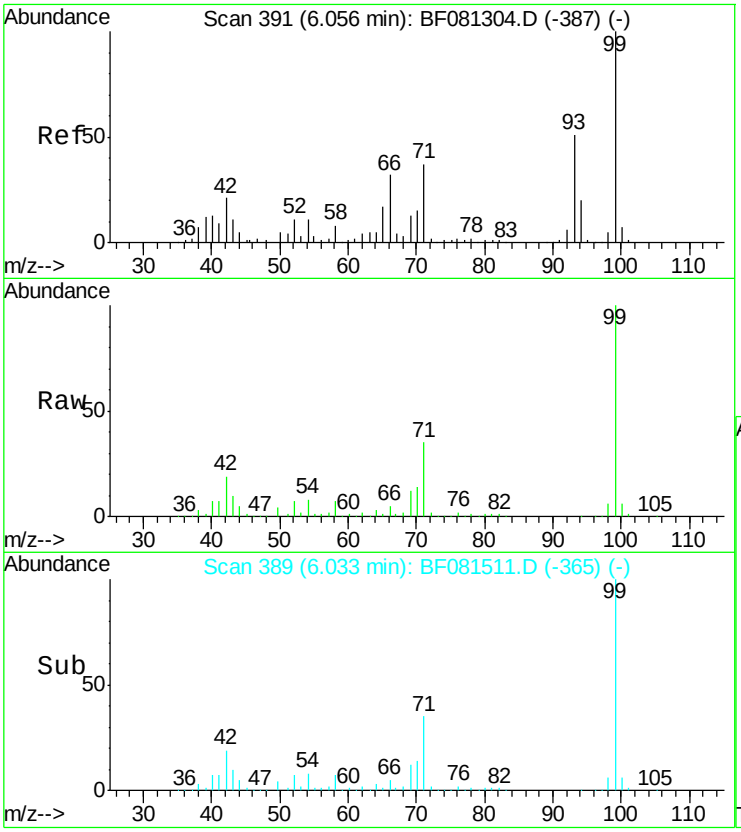


#5
2-Fluorophenol
Concen: 92.88 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:112 Resp: 291222

Ion	Ratio	Lower	Upper
112	100		
64	81.3	39.7	59.5#
63	44.2	17.4	26.0#



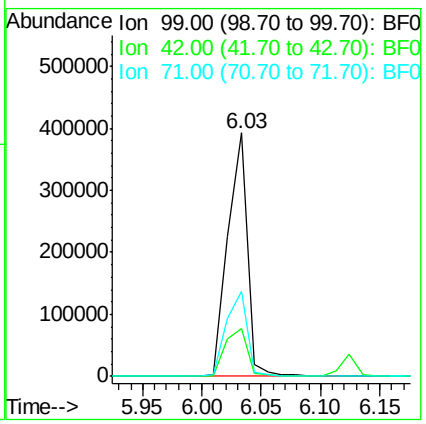


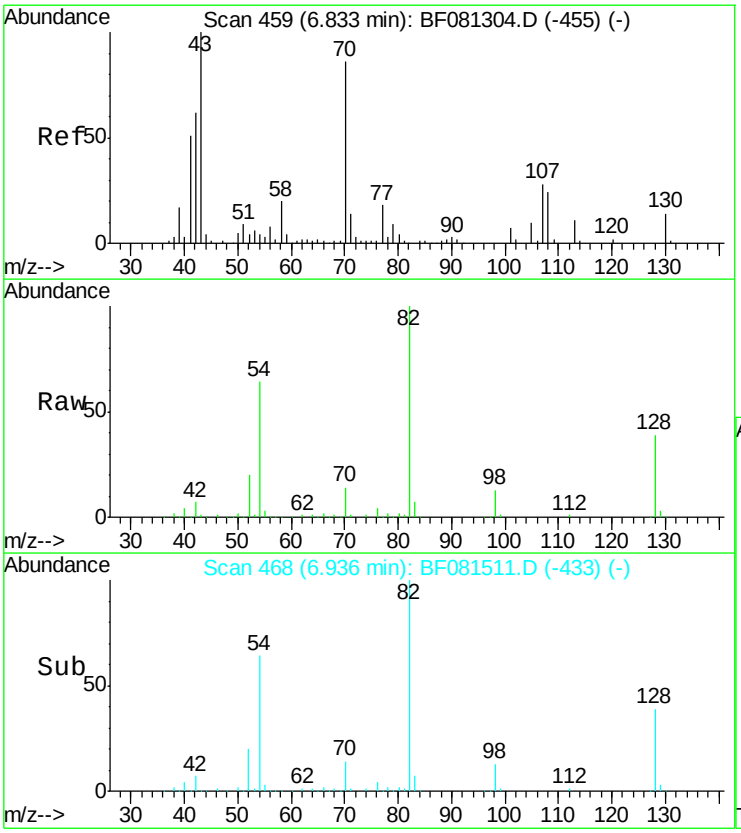
#7
Phenol-d6
Concen: 108.38 ng
RT: 6.03 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion: 99 Resp: 449824

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.7	20.5
71	34.7	14.2	21.2#

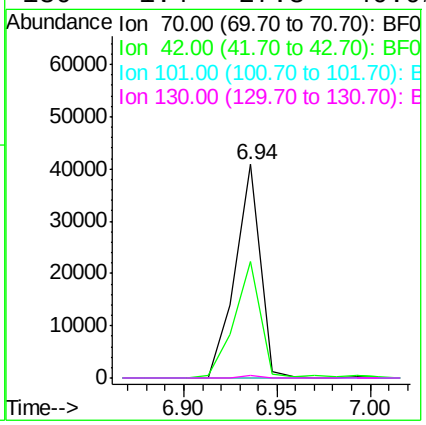


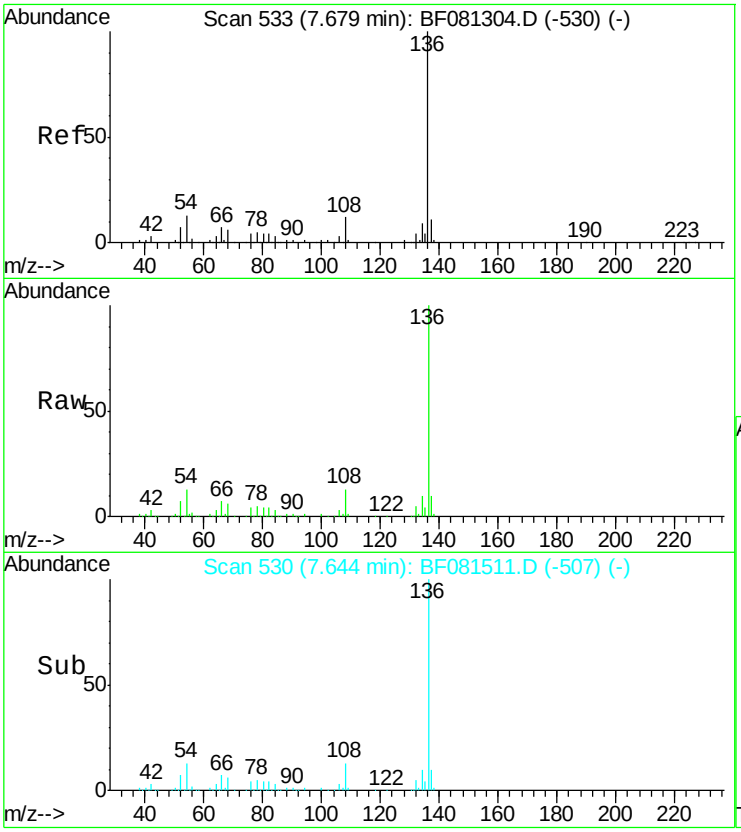


#19
n-Nitroso-di-n-propylamine
Concen: 13.70 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion: 70 Resp: 38697

Ion	Ratio	Lower	Upper
70	100		
42	54.4	63.8	95.6#
101	0.0	9.2	13.8#
130	1.4	27.3	40.9#



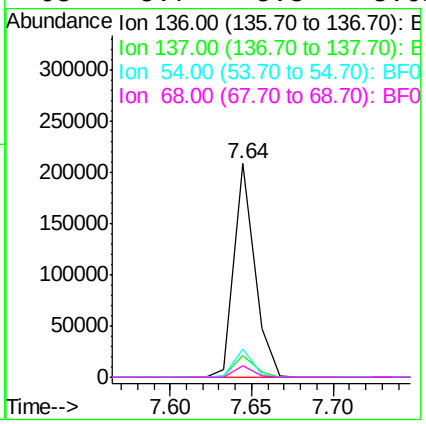


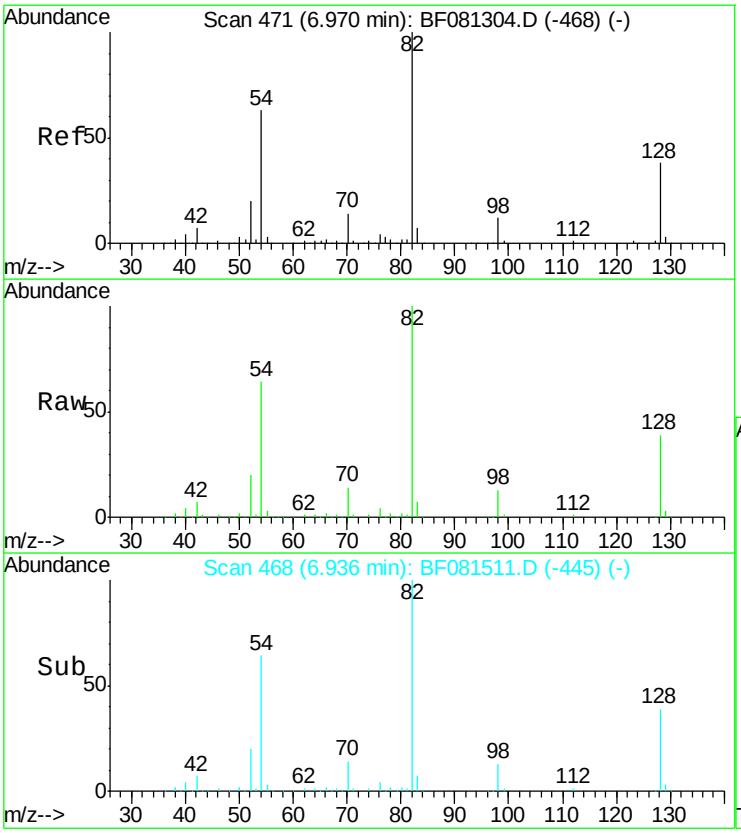
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:136 Resp: 182195

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	13.2	8.2	12.2#
68	5.7	5.8	8.6#

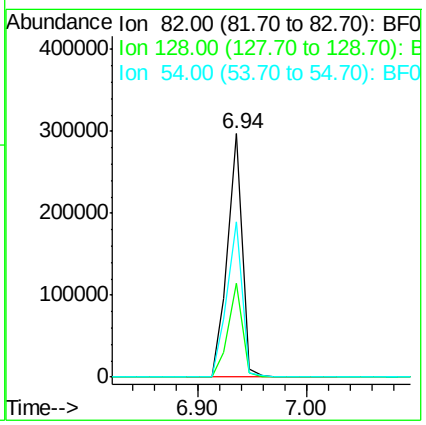


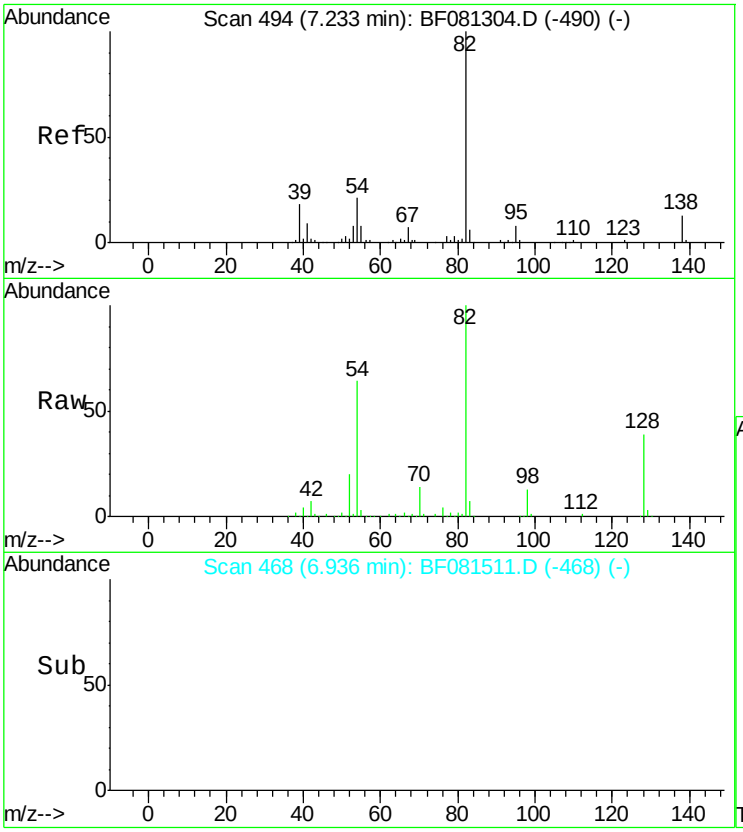


#23
Nitrobenzene-d5
Concen: 74.28 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion: 82 Resp: 280488

Ion	Ratio	Lower	Upper
82	100		
128	38.6	51.0	76.6#
54	63.9	47.5	71.3



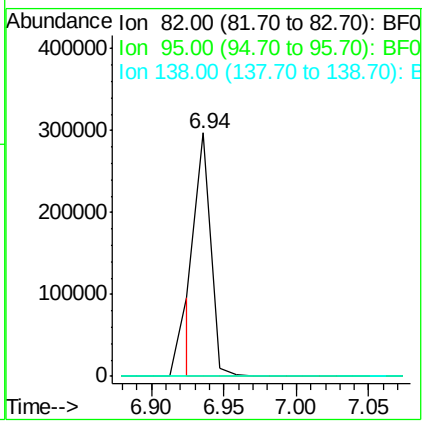


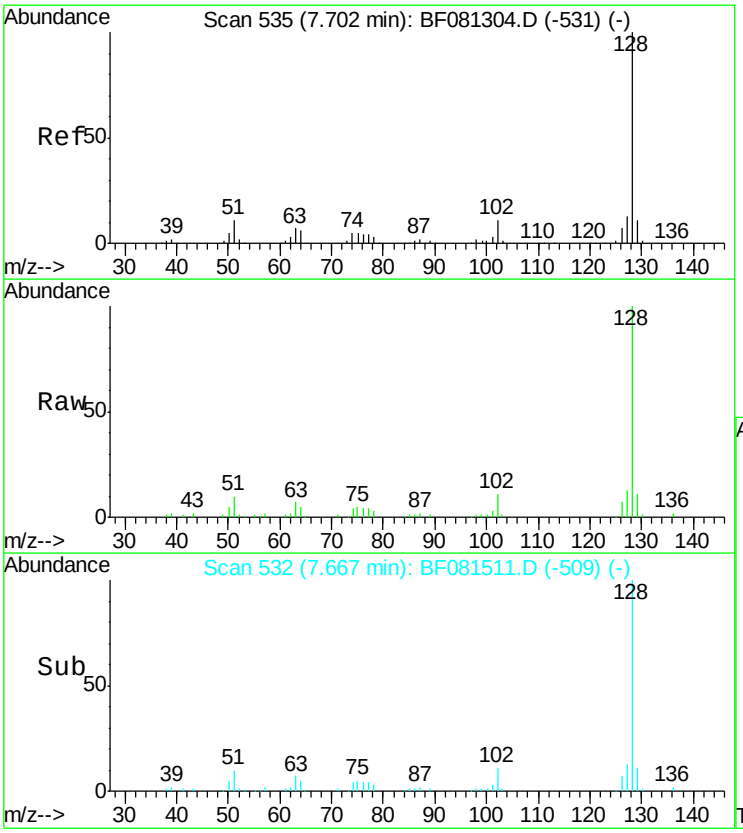
#25
Isophorone
Concen: 30.49 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.30 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion: 82 Resp: 214188

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

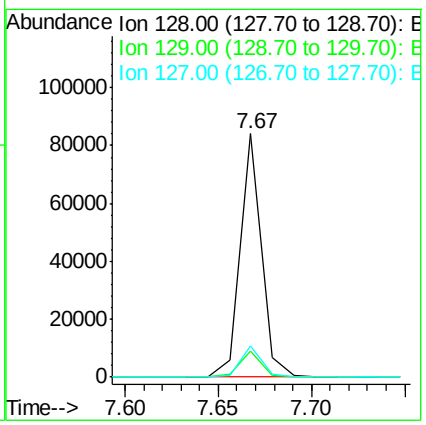


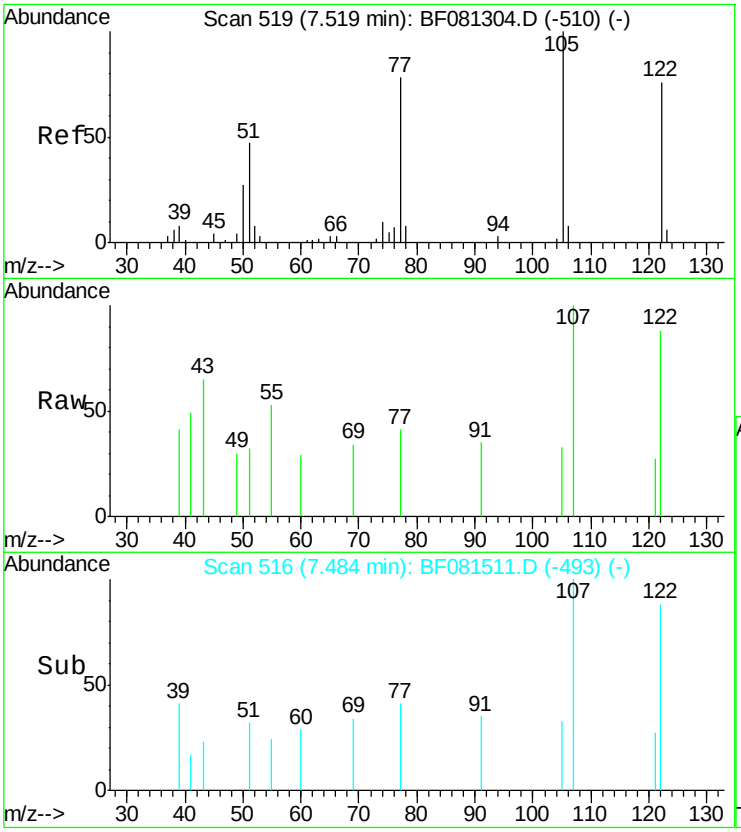


#31
Naphthalene
Concen: 6.88 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:128 Resp: 66876

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	12.6	9.9	14.9



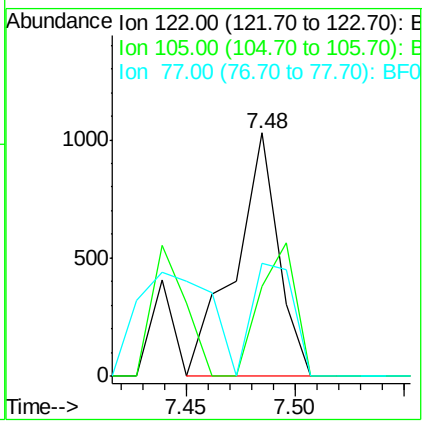


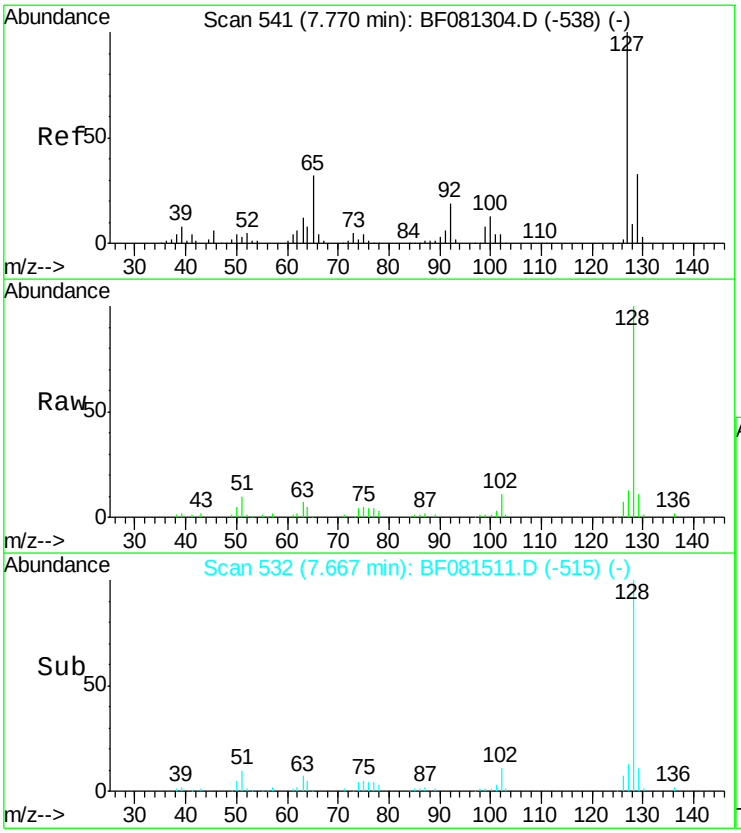
#32
Benzoic acid
Concen: 3.18 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:122 Resp: 1430

Ion	Ratio	Lower	Upper
122	100		
105	37.1	76.1	116.1#
77	46.6	40.5	80.5

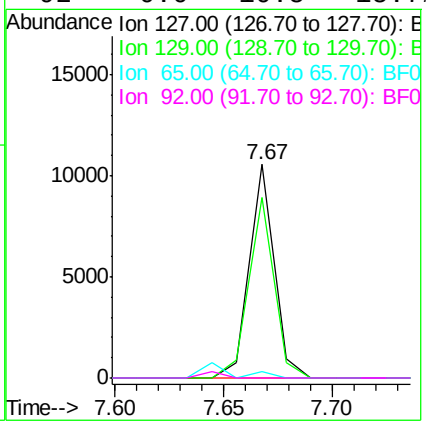


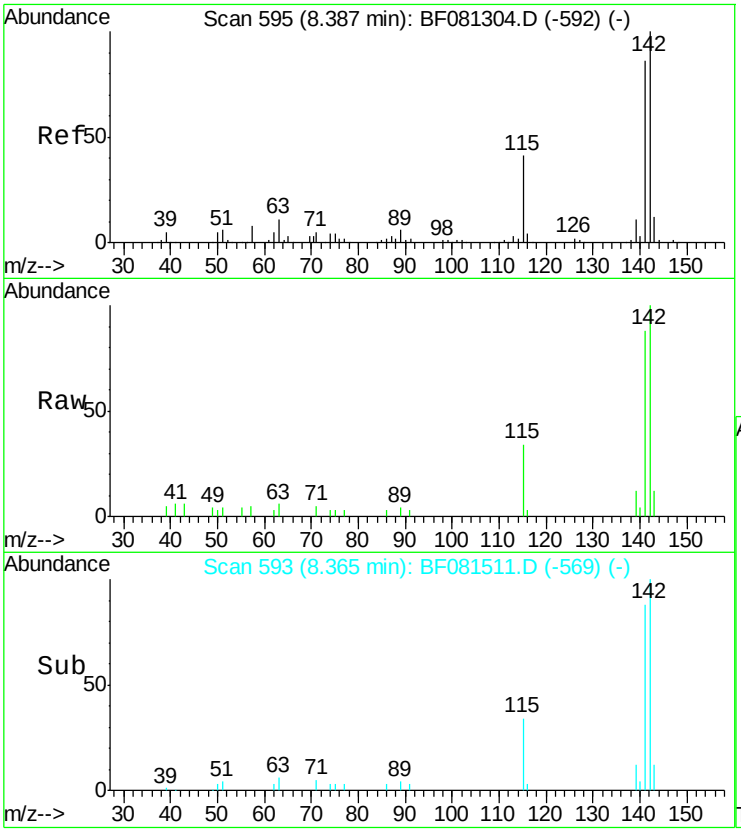


#33
4-Chloroaniline
Concen: 2.12 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.10 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:127 Resp: 8398

Ion	Ratio	Lower	Upper
127	100		
129	84.6	25.8	38.6#
65	3.3	17.9	26.9#
92	0.0	10.5	15.7#



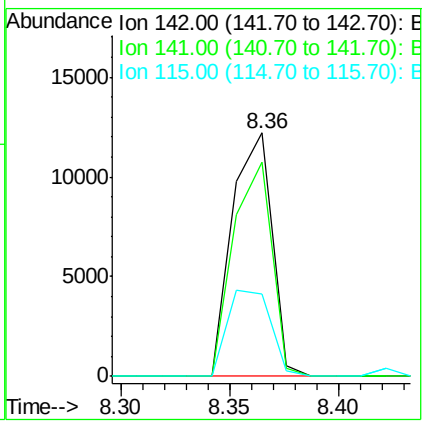


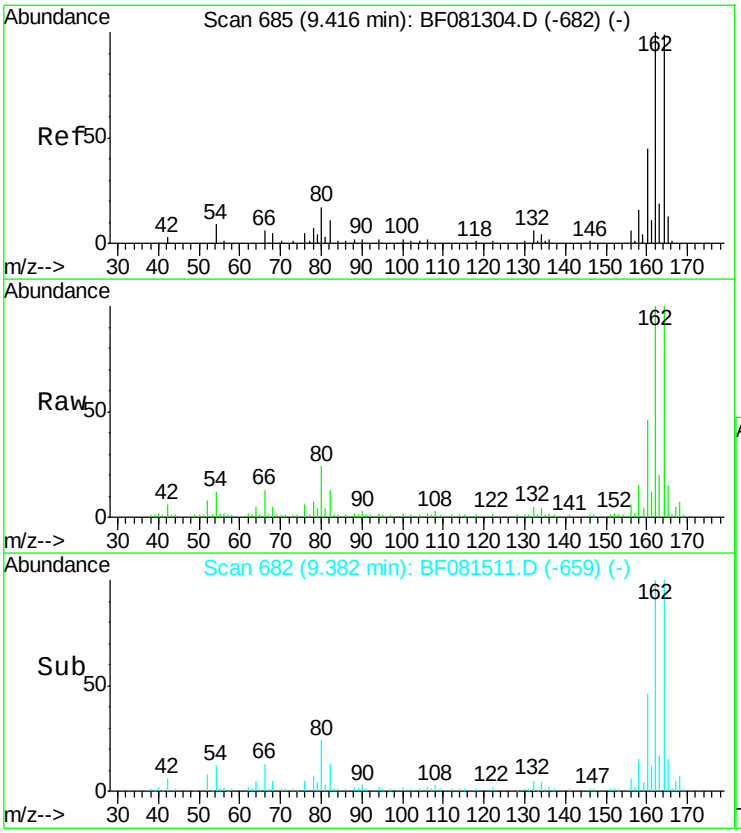
#37
2-Methylnaphthalene
Concen: 2.44 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:142 Resp: 15438

Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.5	101.3
115	33.7	18.2	27.2#

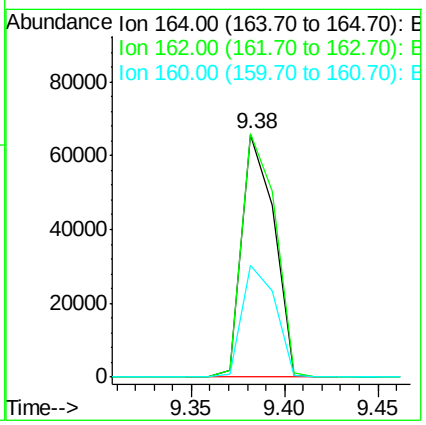


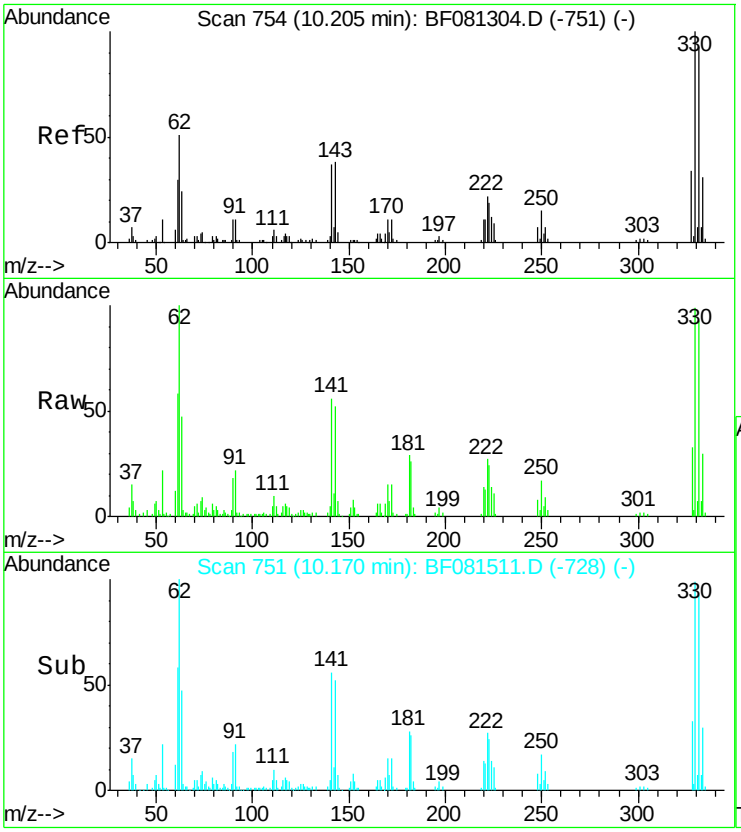


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:164 Resp: 78752

Ion	Ratio	Lower	Upper
164	100		
162	100.3	75.2	112.8
160	46.1	31.5	47.3



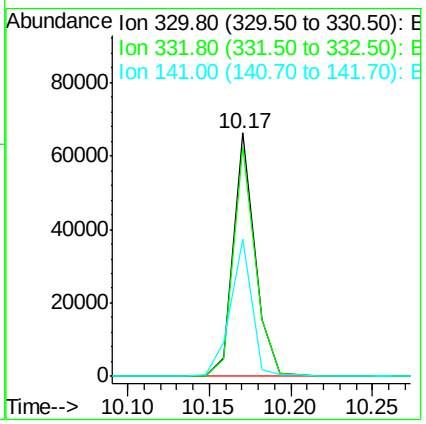


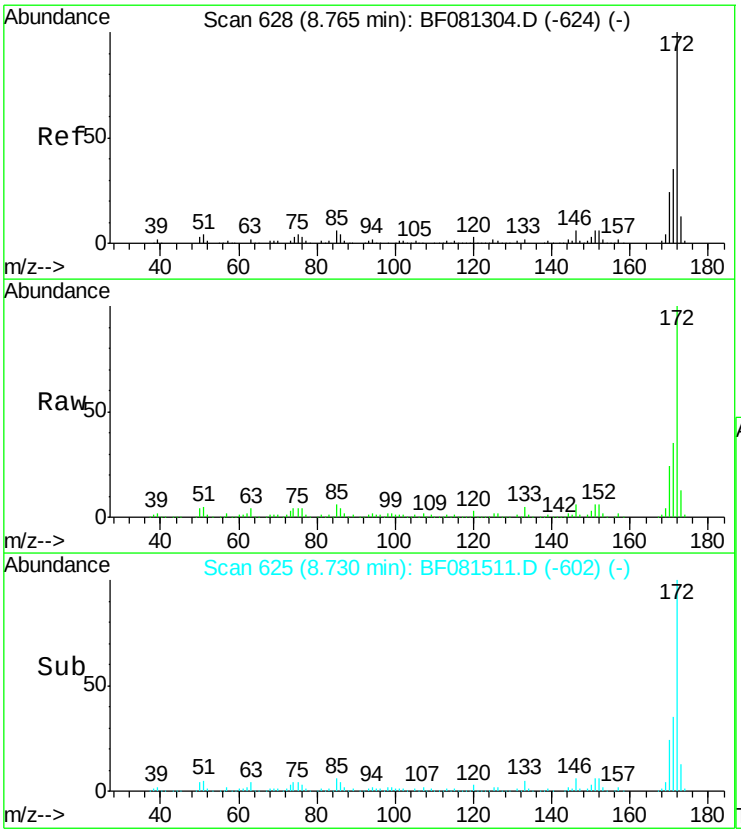
#41
2,4,6-Tribromophenol
Concen: 86.04 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:330 Resp: 60331

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	56.4	29.7	44.5#

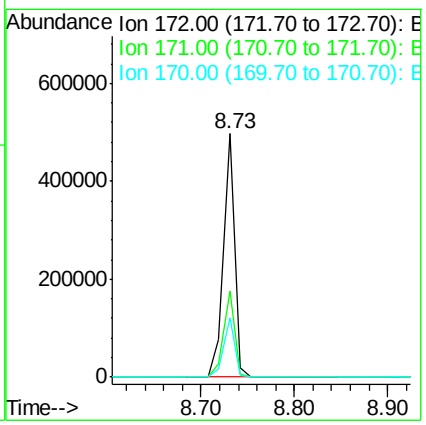


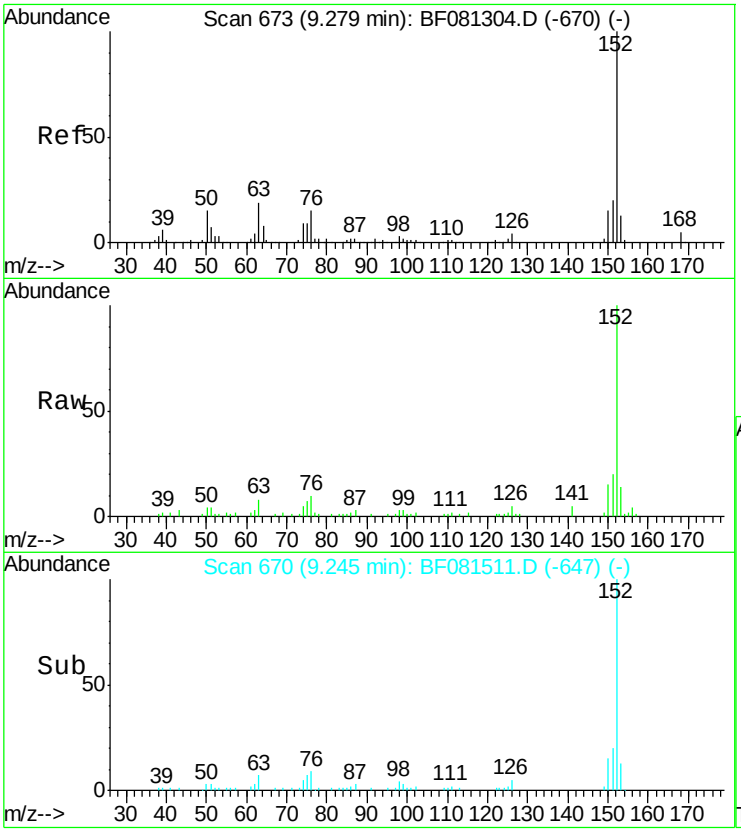


#44
2-Fluorobiphenyl
Concen: 66.75 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:172 Resp: 410208

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.1	17.4	26.2



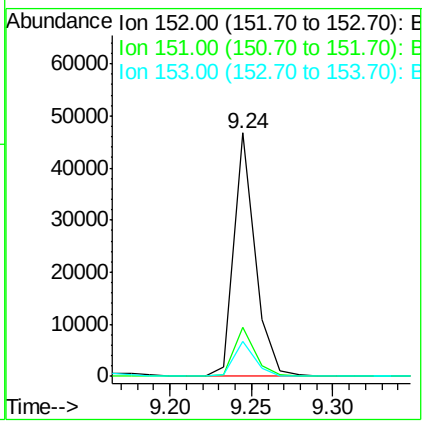


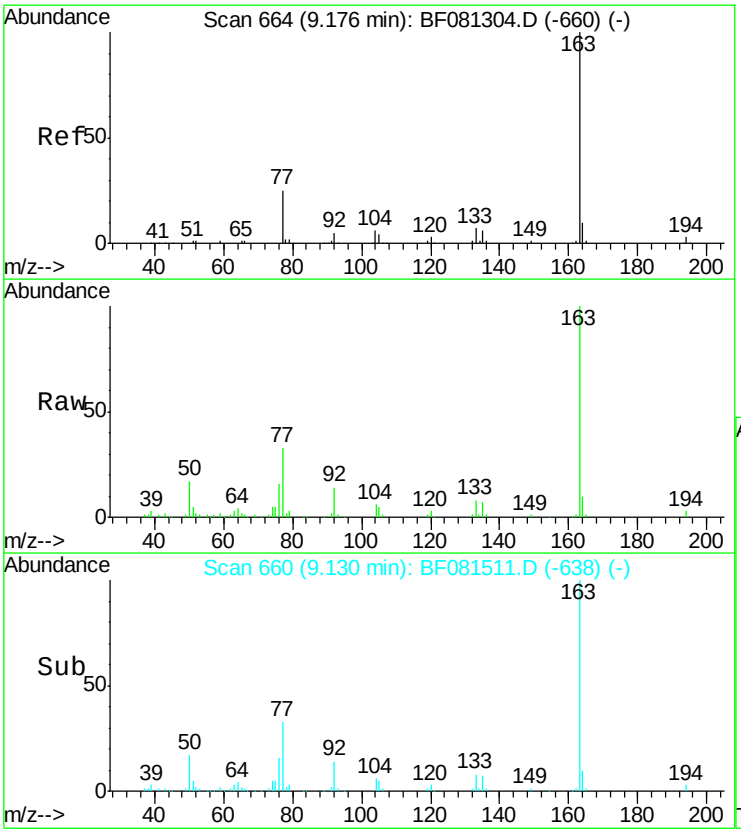
#48
Acenaphthylene
Concen: 4.49 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:152 Resp: 41721

Ion	Ratio	Lower	Upper
152	100		
151	20.0	14.6	22.0
153	14.3	10.3	15.5

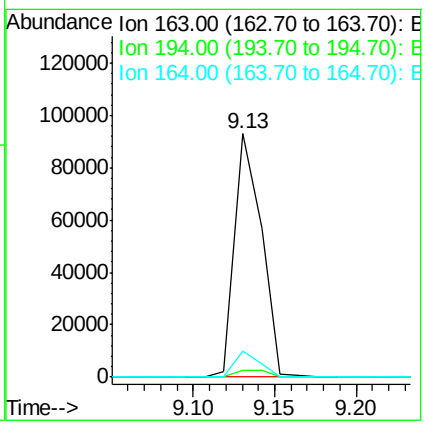


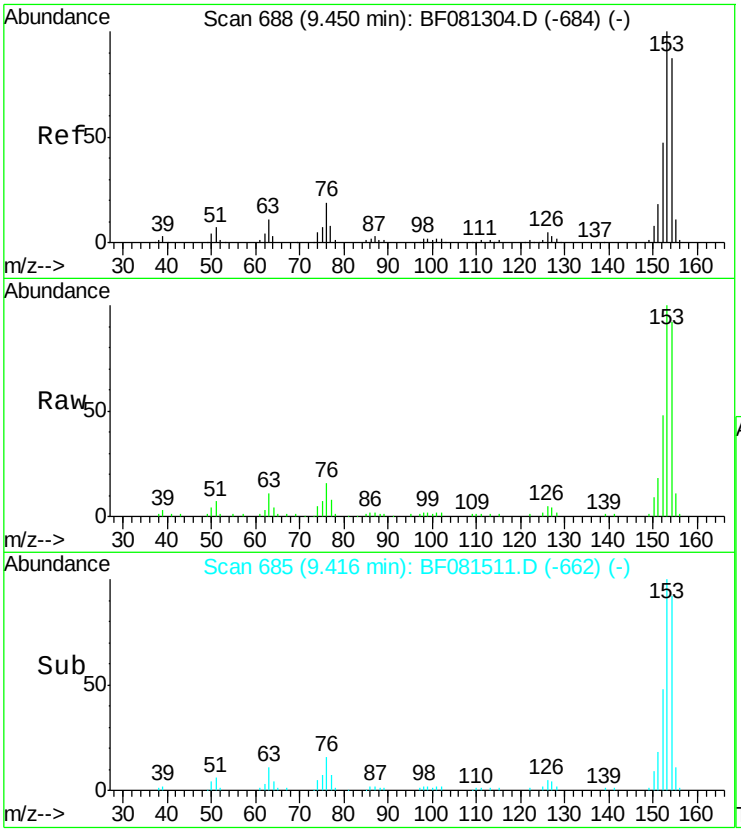


#49
Dimethylphthalate
Concen: 17.20 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:163 Resp: 105227

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	10.4	8.3	12.5



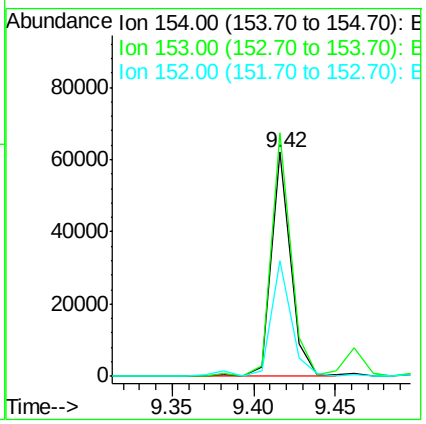


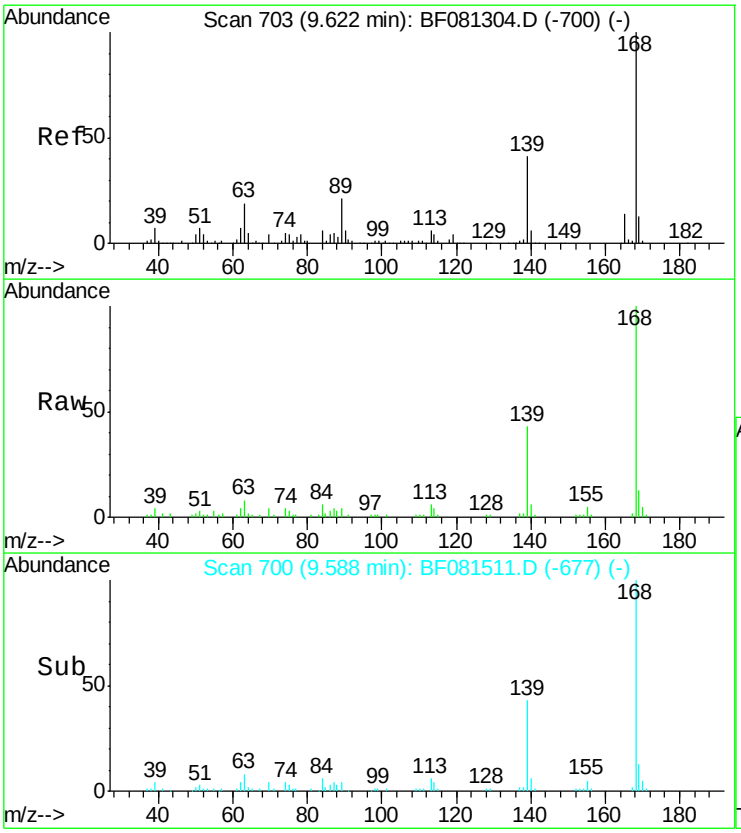
#51
Acenaphthene
Concen: 9.67 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:154 Resp: 51081

Ion	Ratio	Lower	Upper
154	100		
153	108.8	82.1	123.1
152	51.9	37.9	56.9

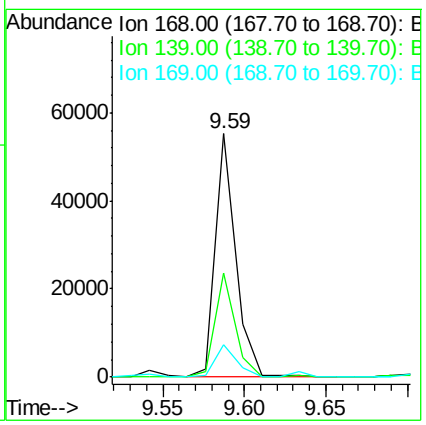


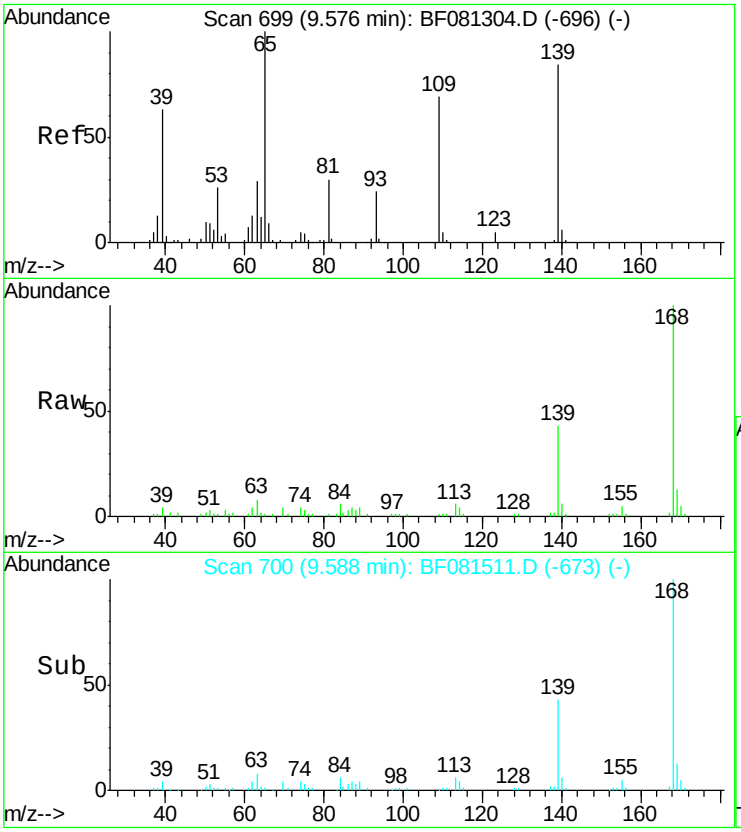


#54
Dibenzofuran
Concen: 6.25 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:168 Resp: 48186

Ion	Ratio	Lower	Upper
168	100		
139	42.6	24.2	36.2#
169	13.3	10.6	15.8



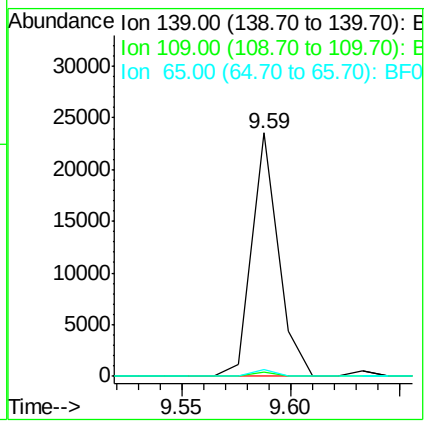


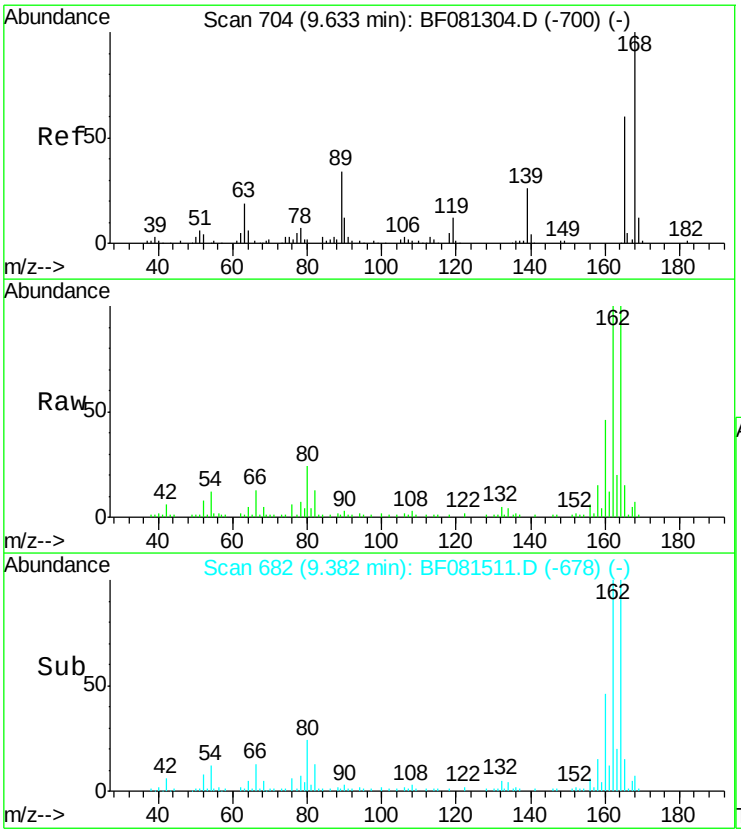
#55
4-Nitrophenol
Concen: 20.05 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:139 Resp: 19915

Ion	Ratio	Lower	Upper
139	100		
109	1.8	12.7	52.7#
65	2.9	45.9	85.9#

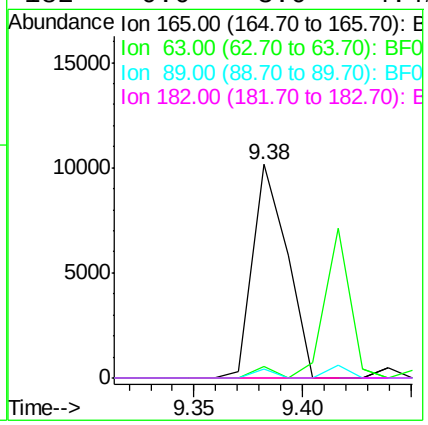


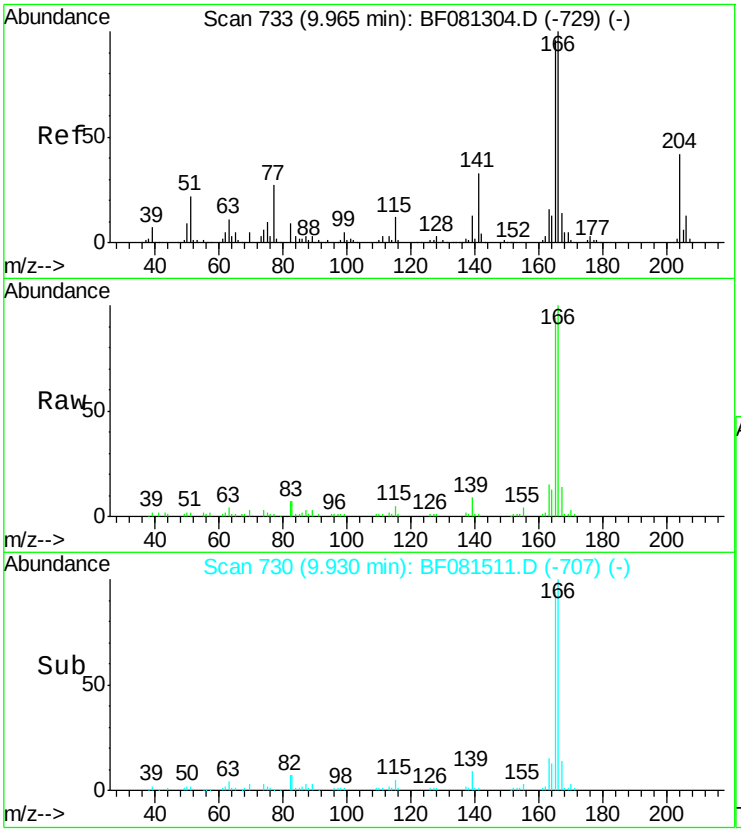


#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:165 Resp: 11202

Ion	Ratio	Lower	Upper
165	100		
63	5.3	29.8	44.6#
89	4.0	44.5	66.7#
182	0.0	3.0	4.4#



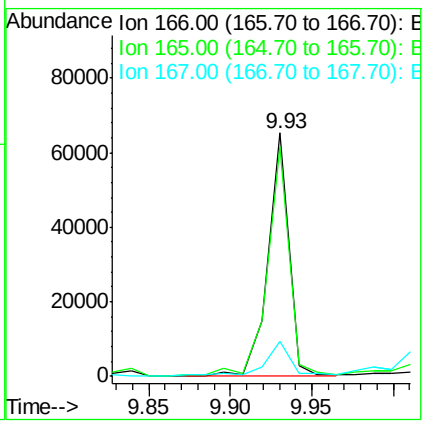


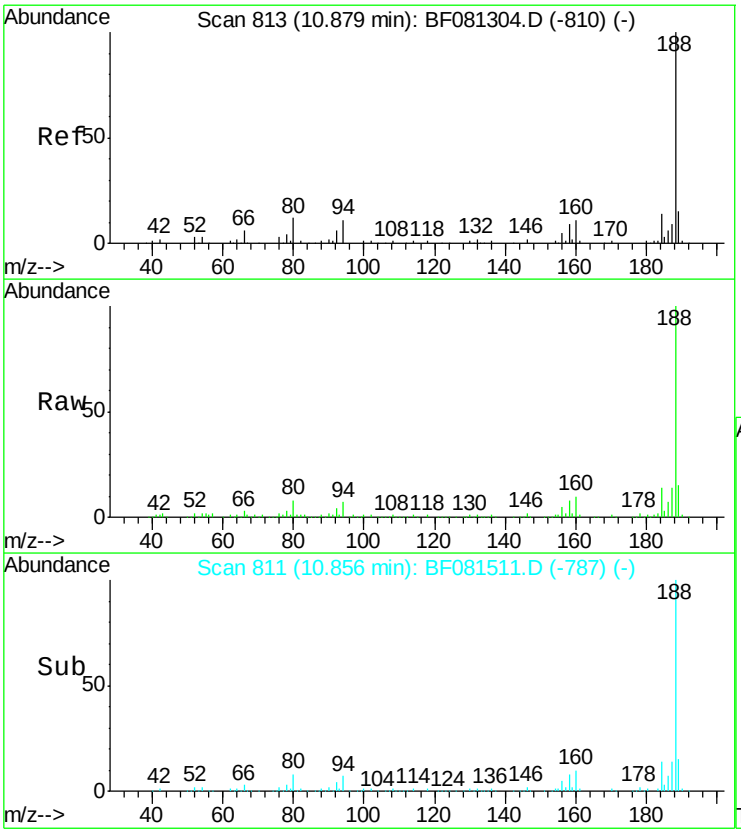
#57
Fluorene
Concen: 10.07 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:166 Resp: 58918

Ion	Ratio	Lower	Upper
166	100		
165	94.0	72.6	109.0
167	14.3	10.6	16.0

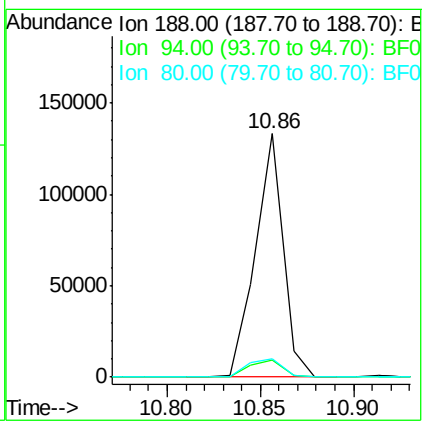


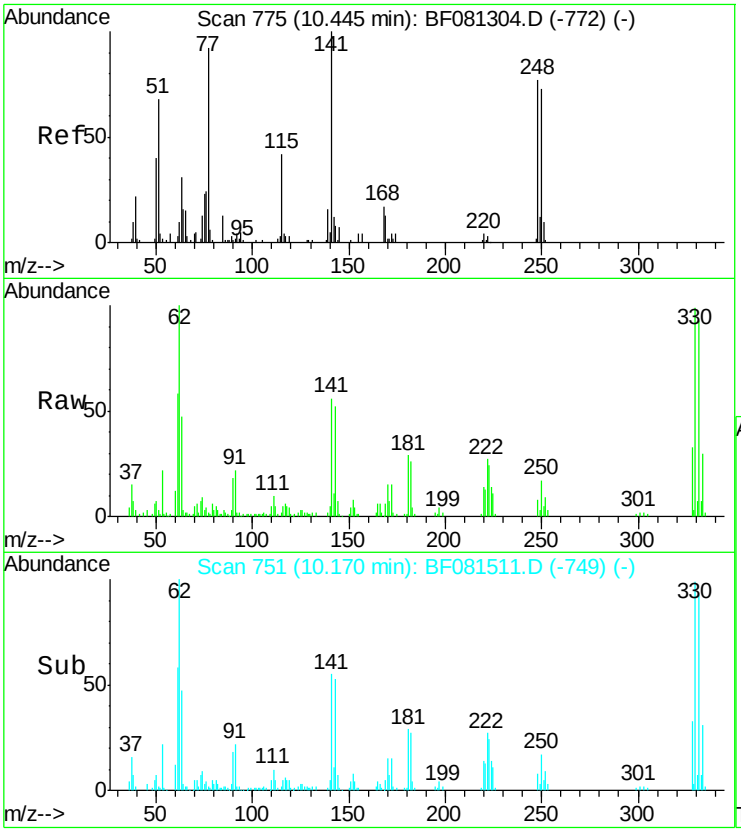


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:188 Resp: 136927

Ion	Ratio	Lower	Upper
188	100		
94	7.2	11.1	16.7#
80	7.6	11.0	16.4#



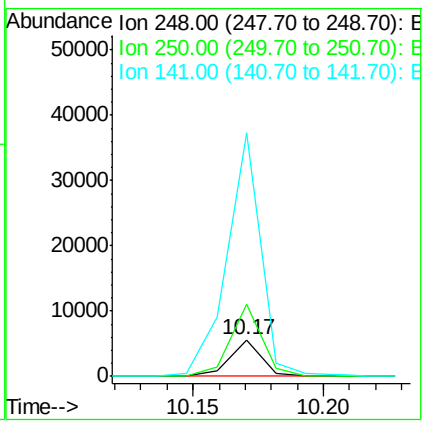


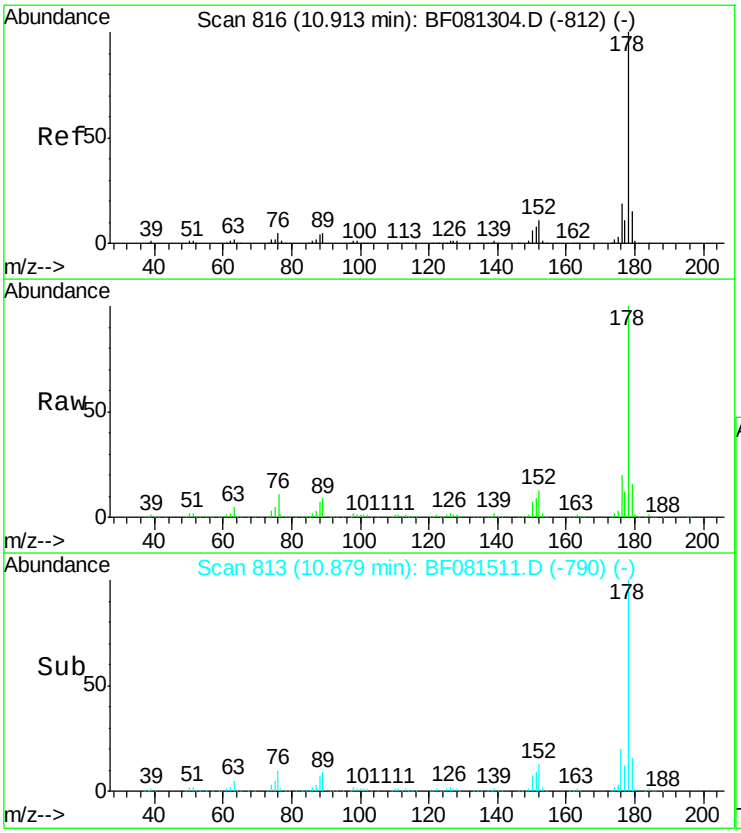
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:248 Resp: 4831

Ion	Ratio	Lower	Upper
248	100		
250	196.5	78.5	117.7#
141	661.0	59.0	88.6#

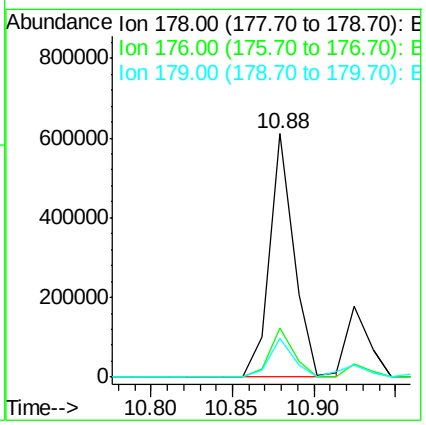


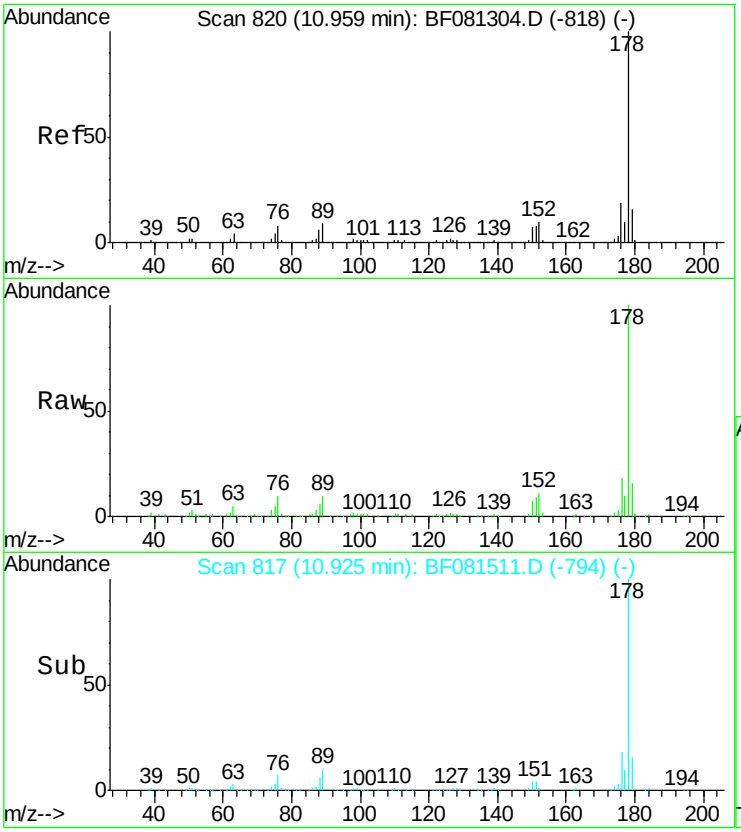


#70
Phenanthrene
Concen: 84.14 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:178 Resp: 640484

Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	15.8	12.2	18.2



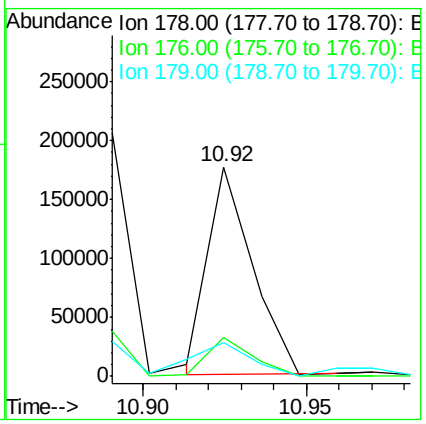


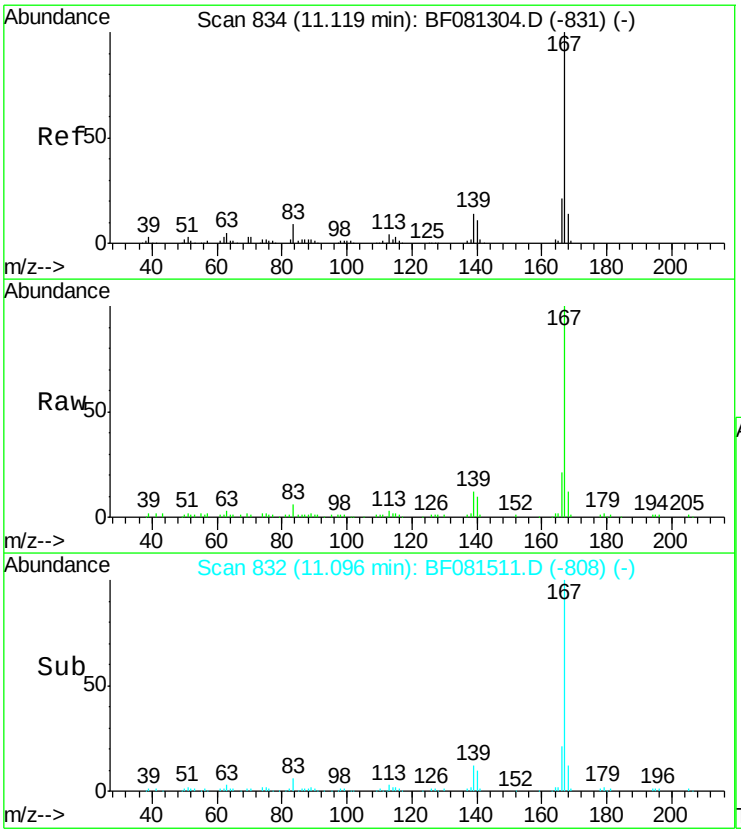
#71
Anthracene
Concen: 21.13 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:178 Resp: 165241

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	16.1	12.2	18.2

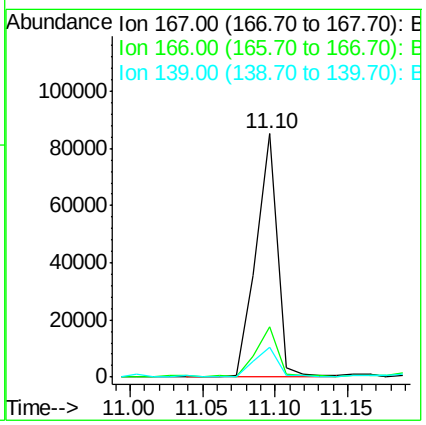


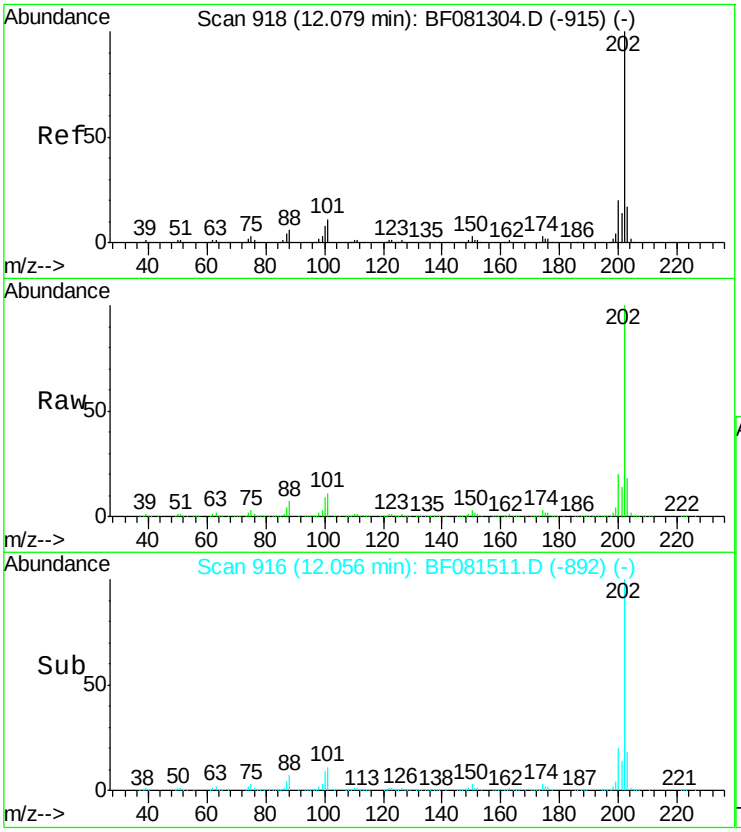


#72
Carbazole
Concen: 11.87 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:167 Resp: 87134

Ion	Ratio	Lower	Upper
167	100		
166	20.7	15.7	23.5
139	12.3	9.5	14.3



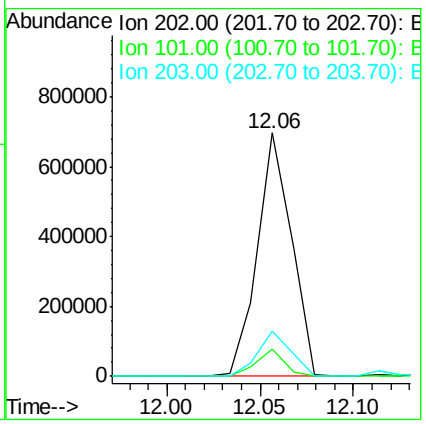


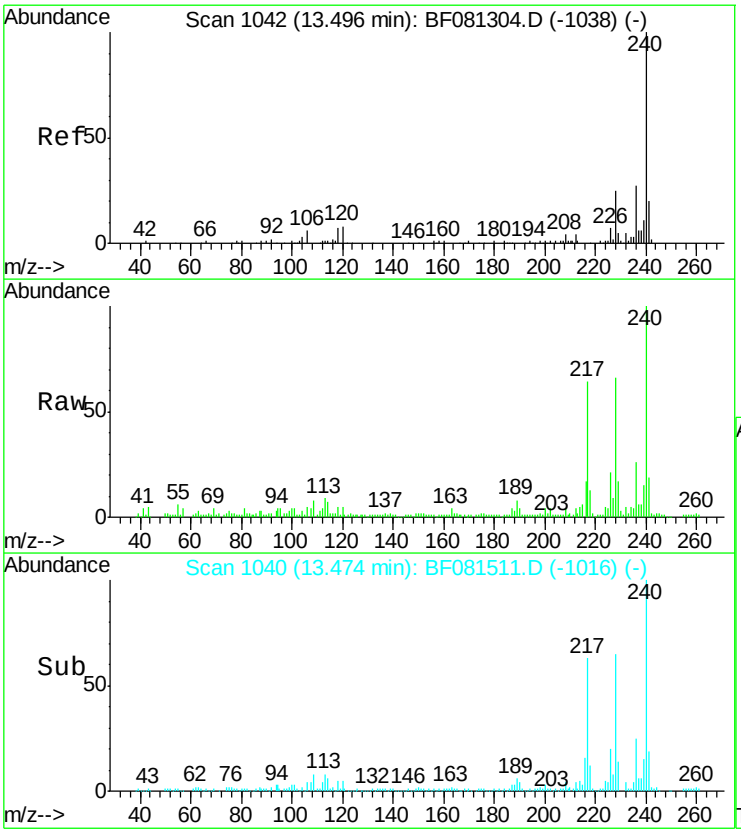
#74
Fluoranthene
Concen: 106.48 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:202 Resp: 877510

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	38.3
203	18.4	0.0	37.3

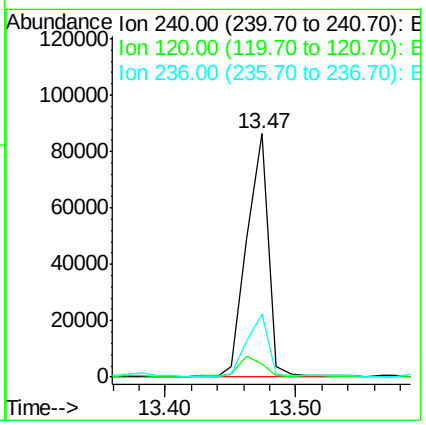


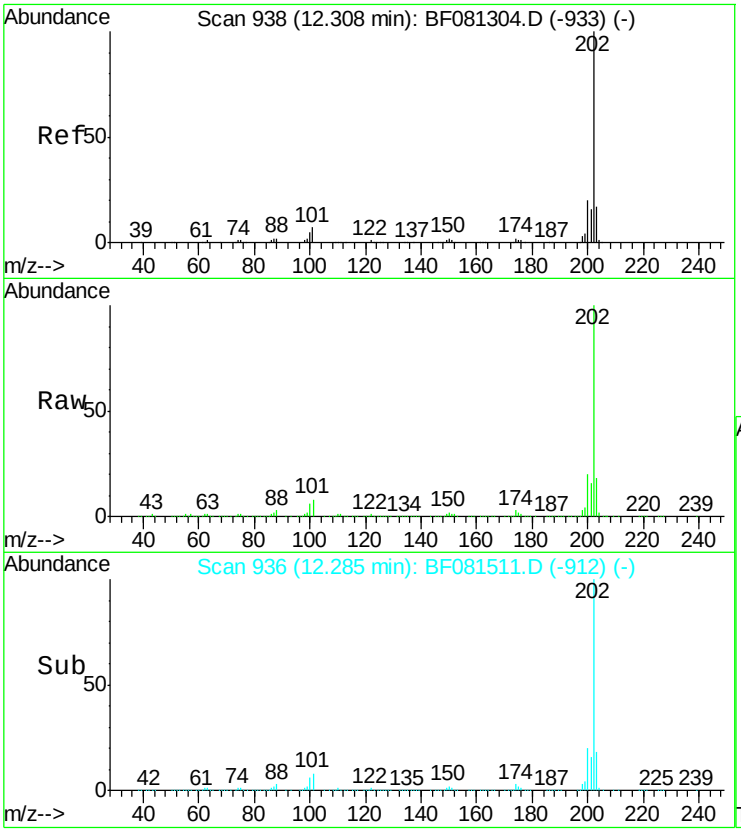


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:240 Resp: 100254

Ion	Ratio	Lower	Upper
240	100		
120	5.5	16.2	24.2#
236	25.7	18.4	27.6



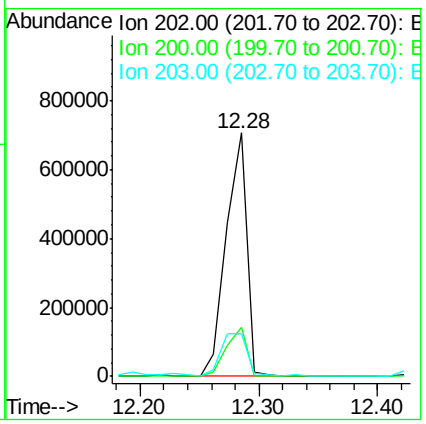


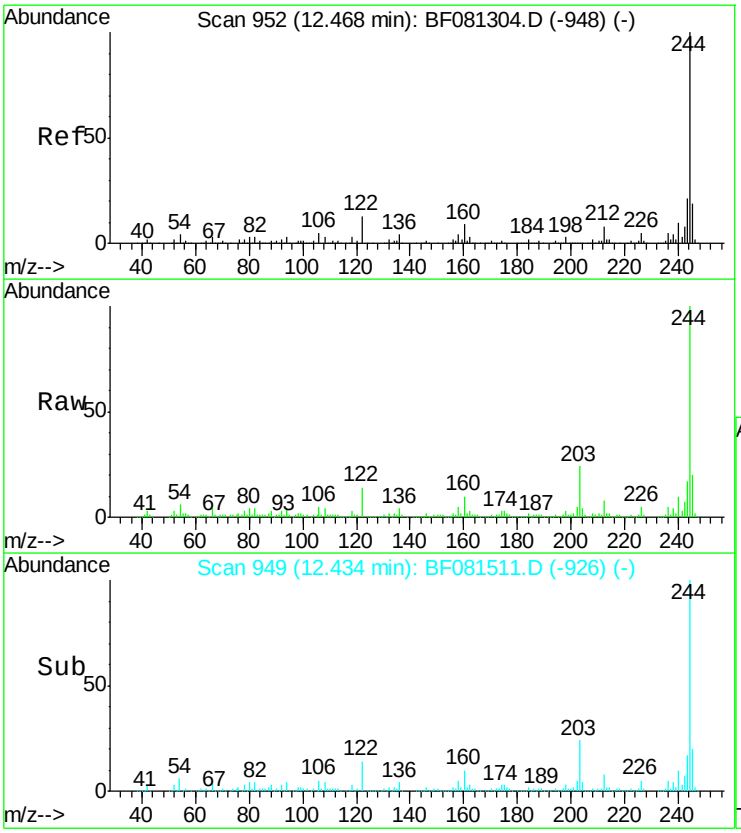
#77
Pyrene
Concen: 113.88 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:202 Resp: 845732

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.8	14.1	21.1

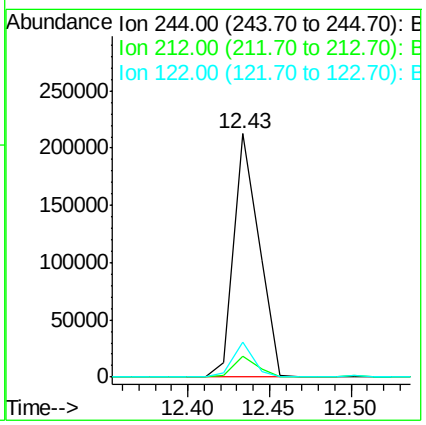


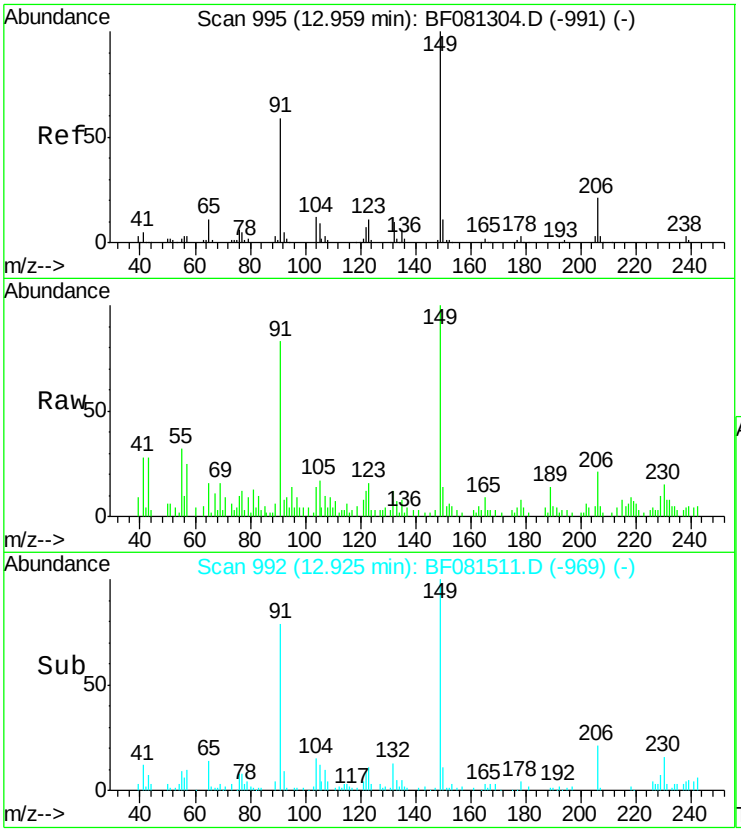


#78
Terphenyl-d14
Concen: 52.48 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:244 Resp: 226000

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.3	6.5#
122	14.2	17.4	26.2#



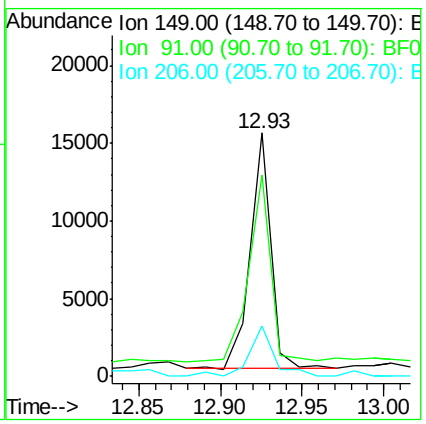


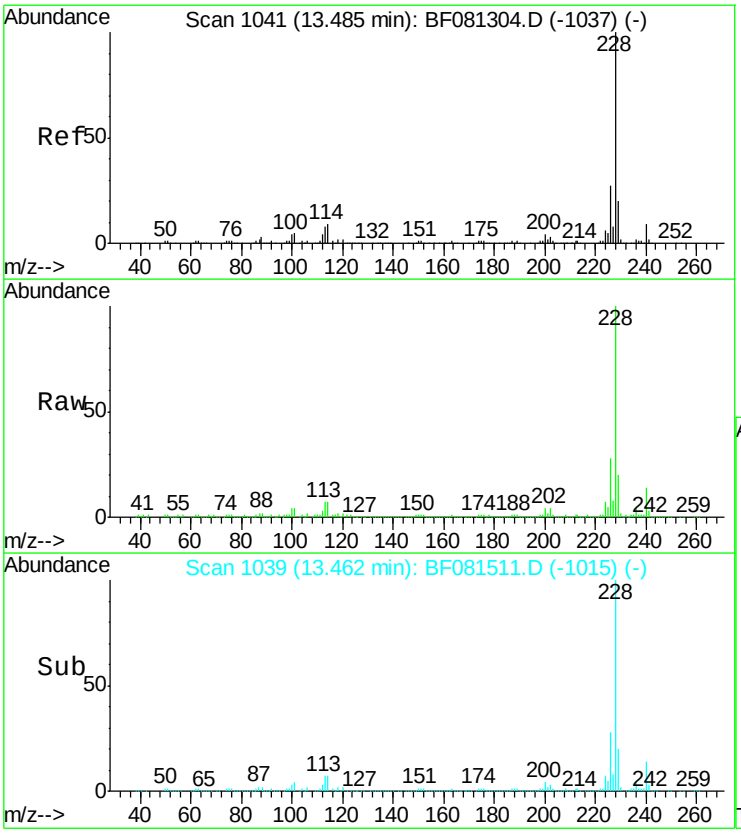
#79
Butylbenzylphthalate
Concen: 4.12 ng
RT: 12.93 min Scan# 992
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:149 Resp: 13294

Ion	Ratio	Lower	Upper
149	100		
91	82.9	48.6	72.8#
206	20.5	14.9	22.3

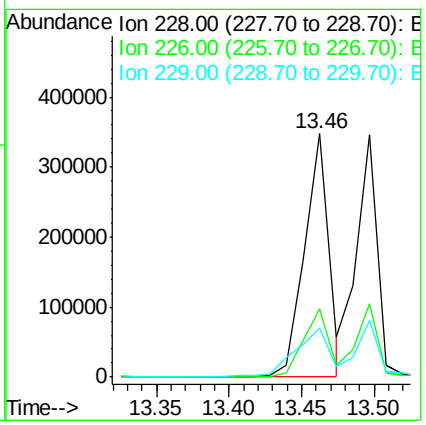


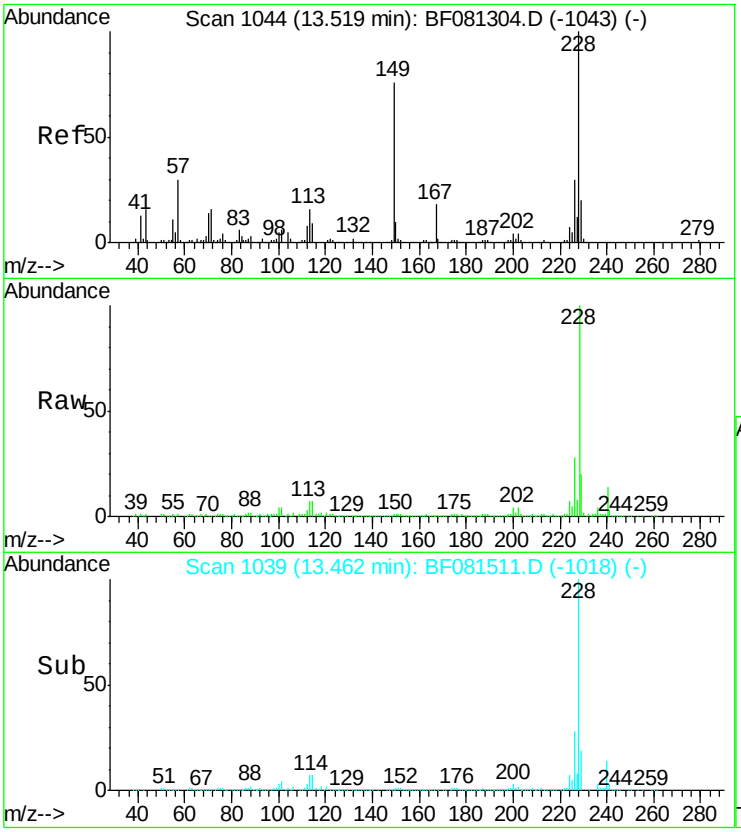


#80
Benzo(a)anthracene
Concen: 63.43 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:228 Resp: 404941

Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.0	30.0
229	20.0	15.4	23.2



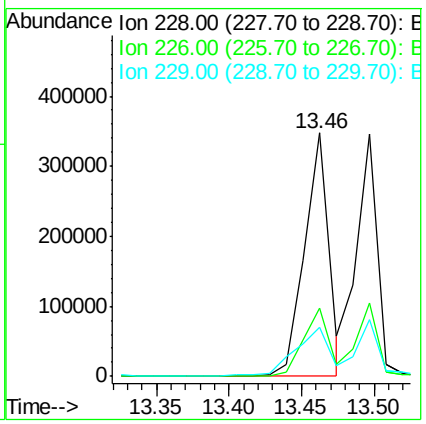


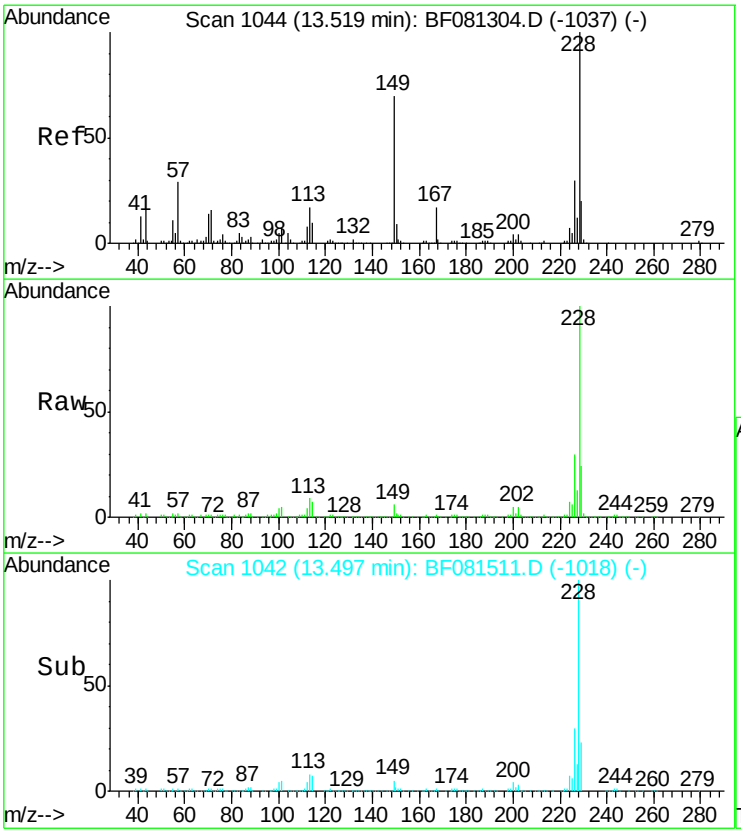
#82
Chrysene
Concen: 70.75 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:228 Resp: 404941

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.0	31.4
229	20.0	15.6	23.4

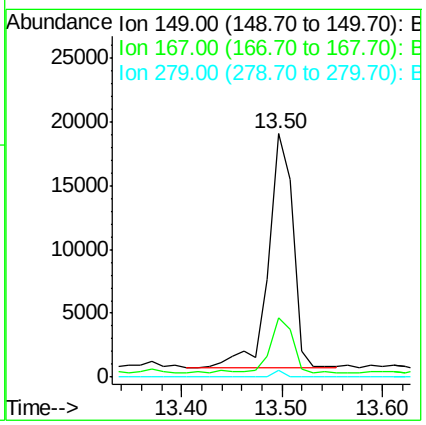


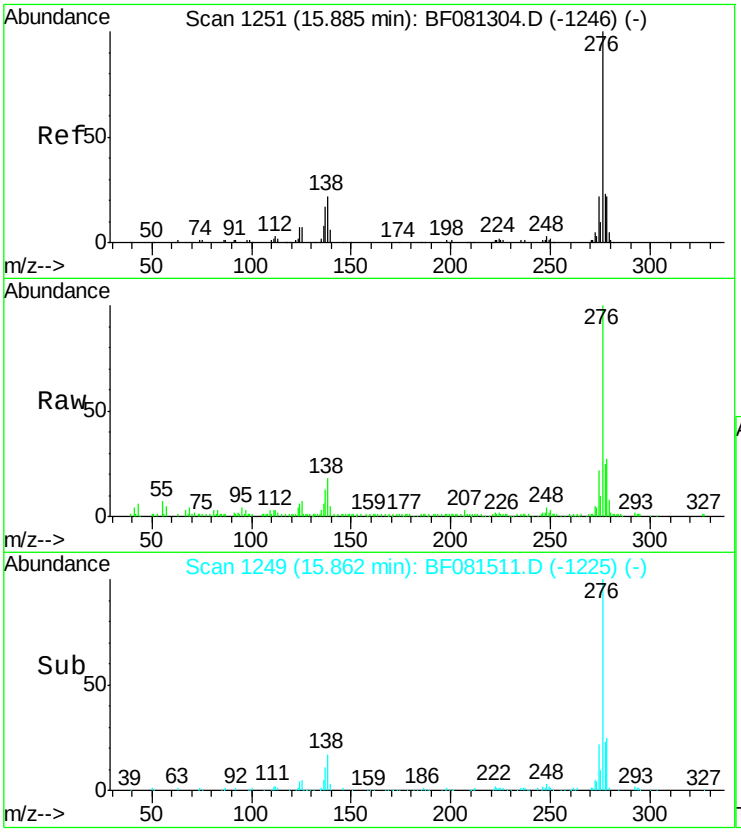


#83
Bis(2-ethylhexyl)phthalate
Concen: 7.36 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:149 Resp: 31381

Ion	Ratio	Lower	Upper
149	100		
167	24.2	24.2	36.2
279	2.6	3.8	5.6#



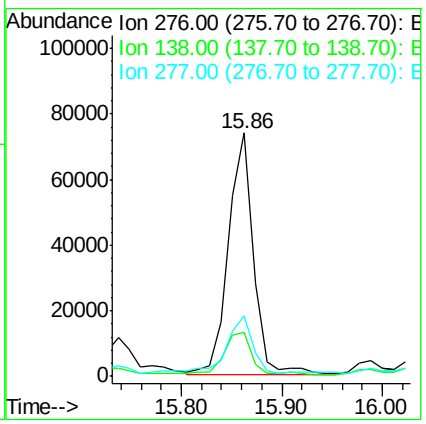


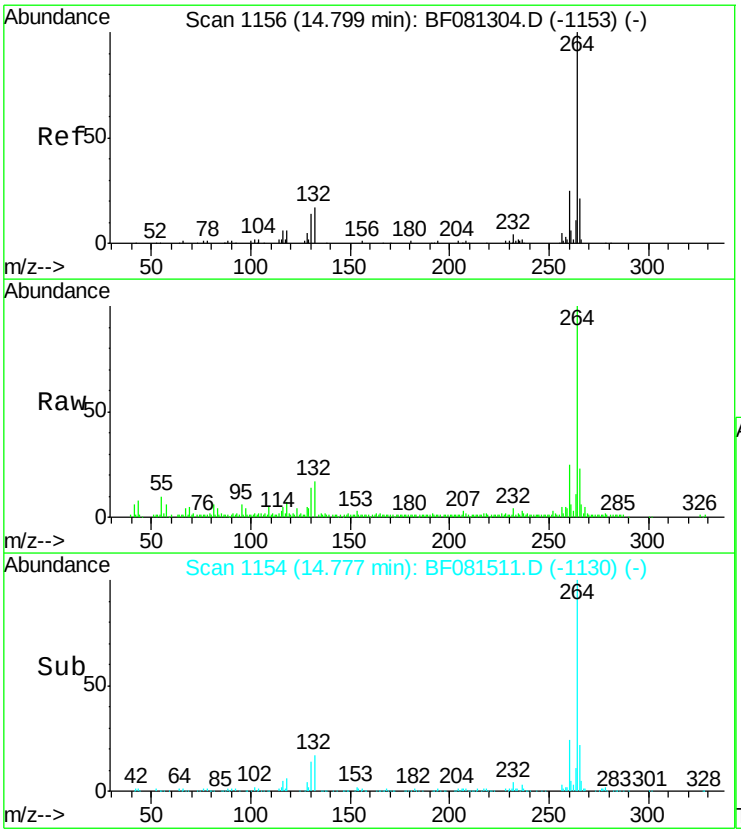
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.50 ng
RT: 15.86 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:276 Resp: 128062

Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.7	38.5#
277	23.7	15.6	23.4#

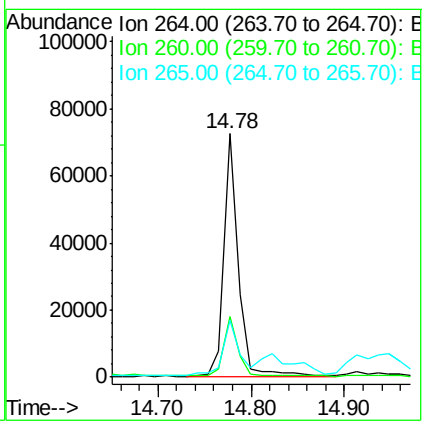


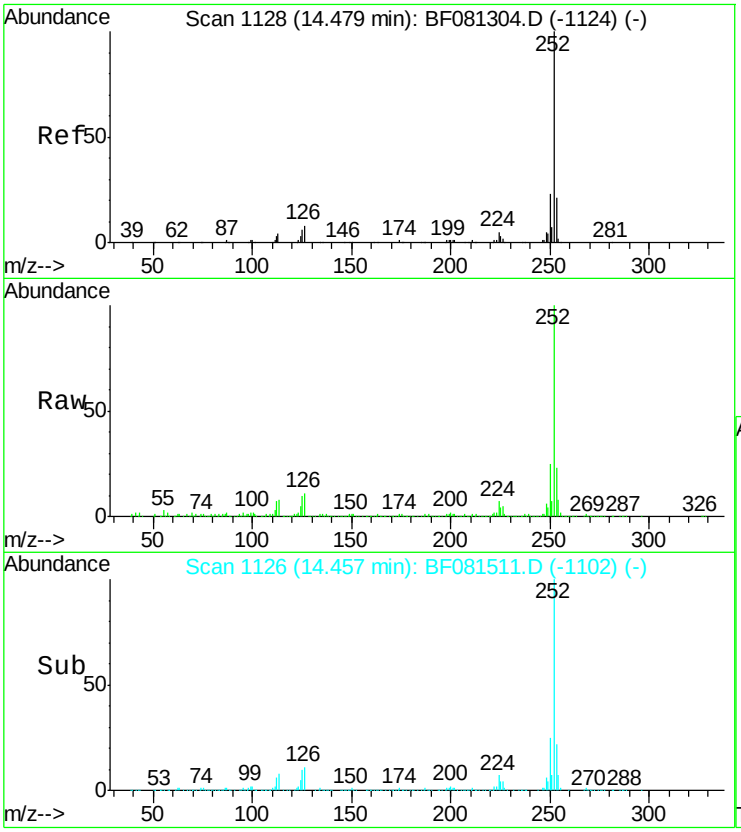


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:264 Resp: 79712

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	23.2	17.2	25.8



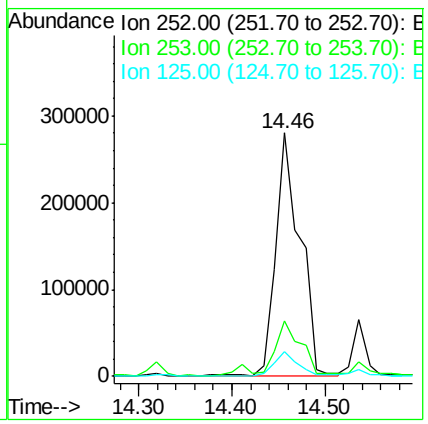


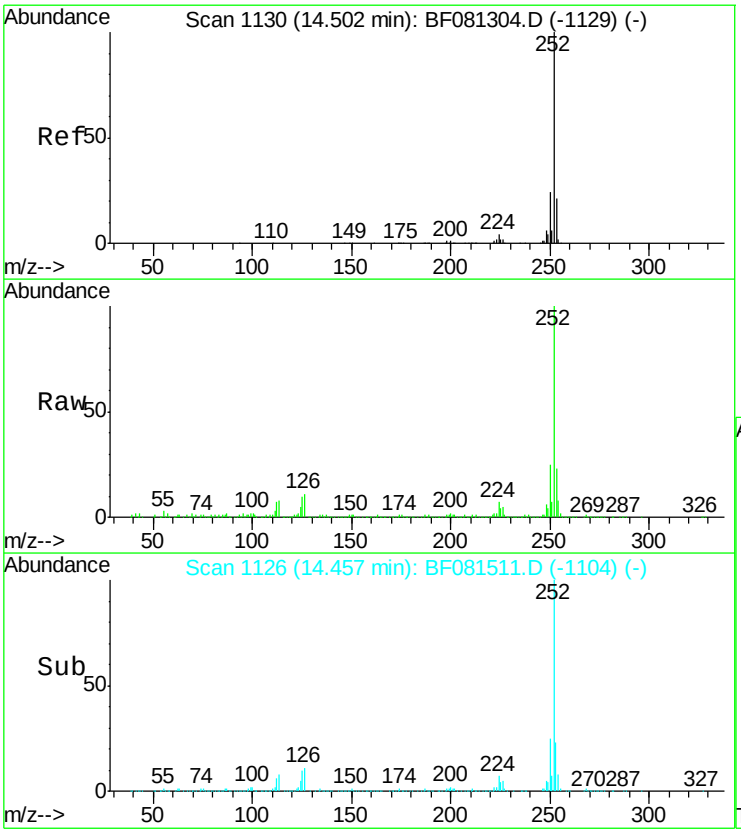
#87
Benzo(b)fluoranthene
Concen: 89.79 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:252 Resp: 510973

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.1	17.1	25.7#

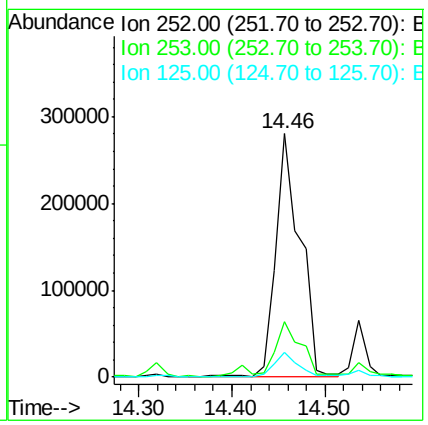


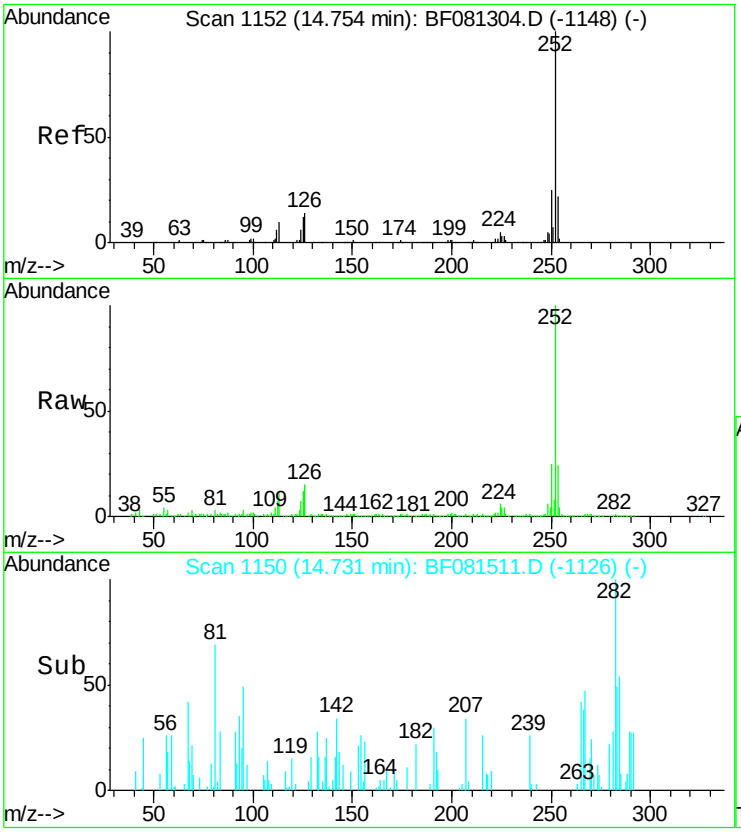


#88
Benzo(k)fluoranthene
Concen: 108.21 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.05 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:252 Resp: 510973

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	10.1	16.0	24.0#



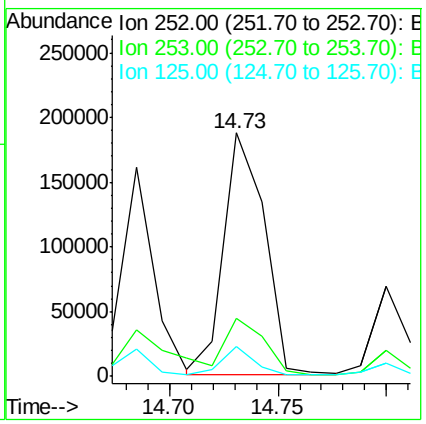


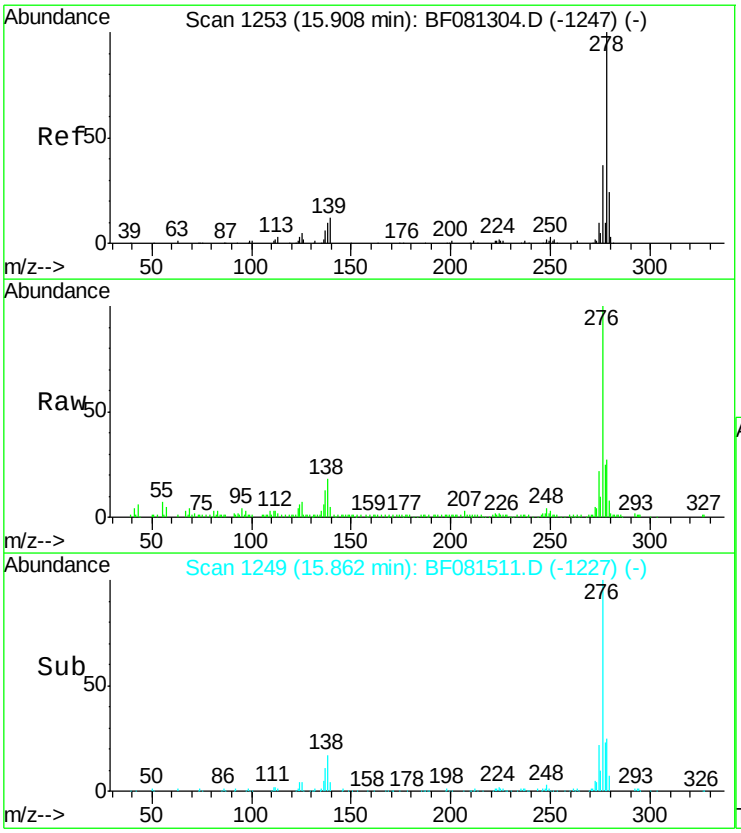
#89
Benzo(a)pyrene
Concen: 50.59 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:252 Resp: 243943

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	12.5	18.0	27.0#

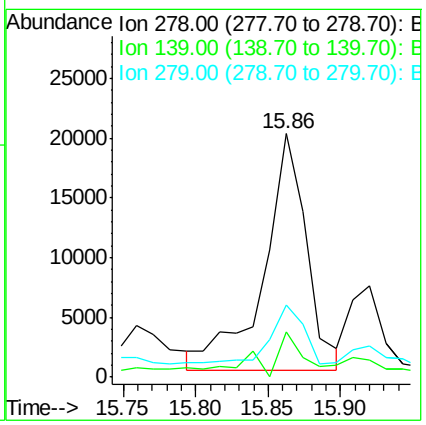


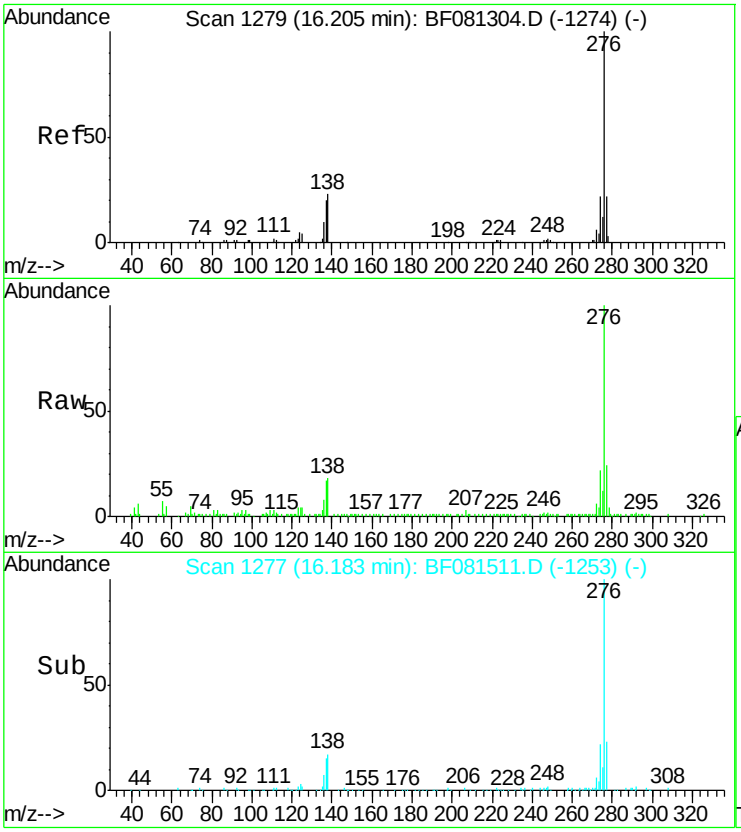


#90
Dibenzo(a,h)anthracene
Concen: 10.85 ng
RT: 15.86 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:278 Resp: 40437

Ion	Ratio	Lower	Upper
278	100		
139	18.4	26.3	39.5#
279	29.8	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 30.20 ng
RT: 16.18 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tgt Ion:276 Resp: 107414

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	17.8	34.6	51.8#