Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086906.D
Acq On : 12 May 2016 00:00
Operator : UM/SJ
Sample : H2952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Time: May 12 00:56:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	146035	20.00	ng		-0.07
21) Naphthalene-d8	7.92	136	614231	20.00	ng		-0.07
38) Acenaphthene-d10	9.67	164	284806	20.00	ng		-0.07
63) Phenanthrene-d10	11.14	188	486145	20.00	ng		-0.07
75) Chrysene-d12	13.77	240	319708	20.00	ng		-0.07
86) Perylene-d12	15.13	264	294537	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	952667	110.48	ng		-0.07
7) Phenol-d6	6.30	99	1351460	117.27	ng		-0.07
23) Nitrobenzene-d5	7.20	82	896634	73.30	ng		-0.07
41) 2,4,6-Tribromophenol	10.46	330	307466	101.97	ng		-0.07
44) 2-Fluorobiphenyl	8.99	172	1267906	74.82	ng		-0.07
78) Terphenyl-d14	12.73	244	971567	64.48	ng		-0.07
Target Compounds							Qvalue
15) Benzyl Alcohol	6.79	79	15949	2.00	ng	#	39
19) n-Nitroso-di-n-propylamine	7.20	70	122796	15.25	ng	#	69
25) Isophorone	7.20	82	847193	37.33	ng	#	68
49) Dimethylphthalate	9.39	163	233930	10.77	ng		99
55) 4-Nitrophenol	9.87	139	1097	4.88	ng	#	14
56) 2,4-Dinitrotoluene	9.67	165	35460	6.27	ng	#	16
66) 4-Bromophenyl-phenylether	10.46	248	19611	3.98	ng	#	1
70) Phenanthrene	11.17	178	56915	2.19	ng		99
74) Fluoranthene	12.35	202	146720	5.50	ng		90
77) Pyrene	12.57	202	133801	5.47	ng		98
80) Benzo(a)anthracene	13.76	228	81535	4.54	ng		98
82) Chrysene	13.79	228	55423	3.04	ng		98
85) Indeno(1,2,3-cd)pyrene	16.39	276	38842	2.56	ng		92
87) Benzo(b)fluoranthene	14.77	252	119502	6.24	ng		97
88) Benzo(k)fluoranthene	14.77	252	119502	7.62	ng		97
89) Benzo(a)pyrene	15.07	252	59608	3.61	ng	#	93
91) Benzo(g,h,i)perylene	16.75	276	36908	2.61	ng		95

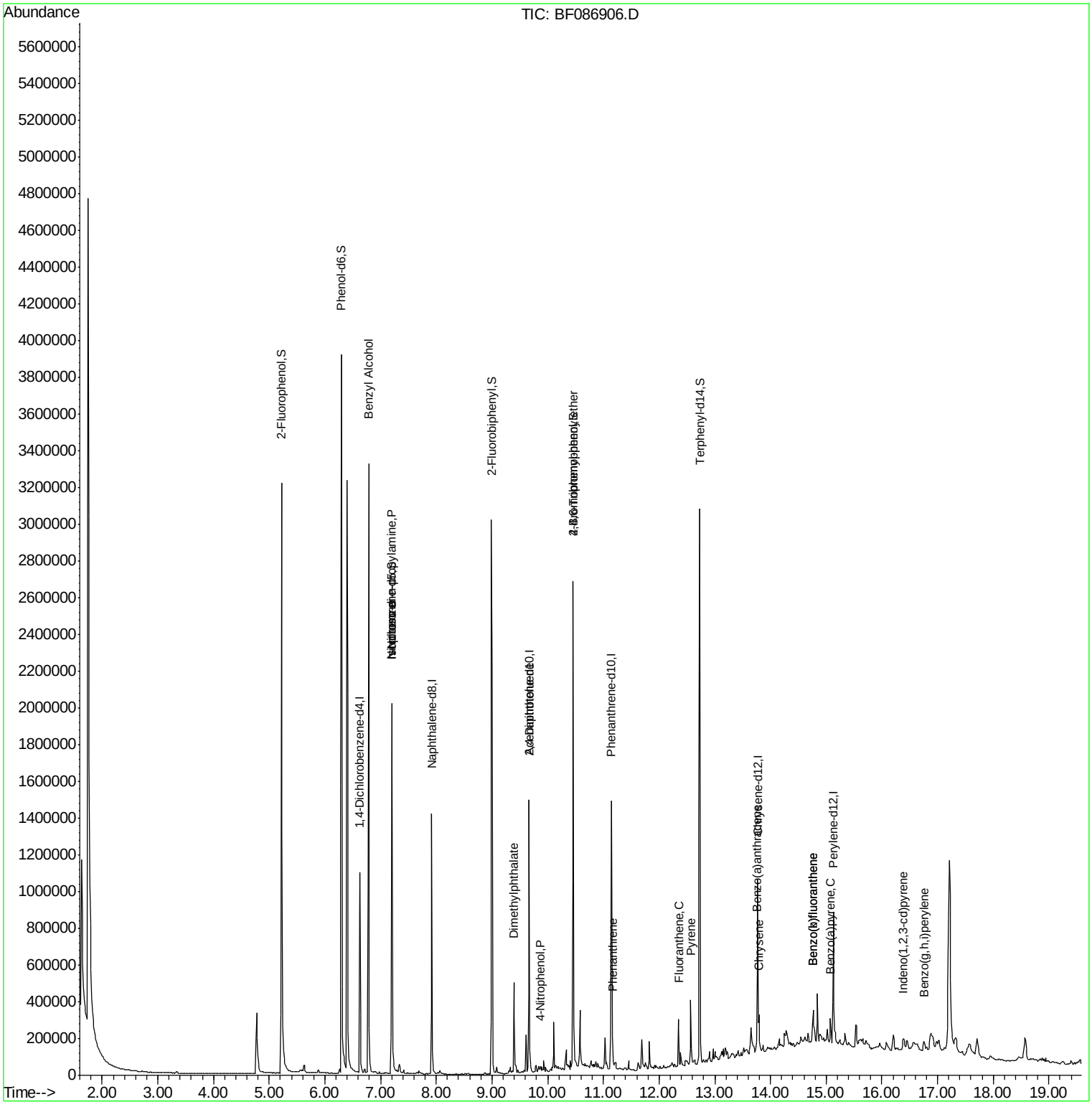
(#) = qualifier out of range (m) = manual integration (+) = signals summed

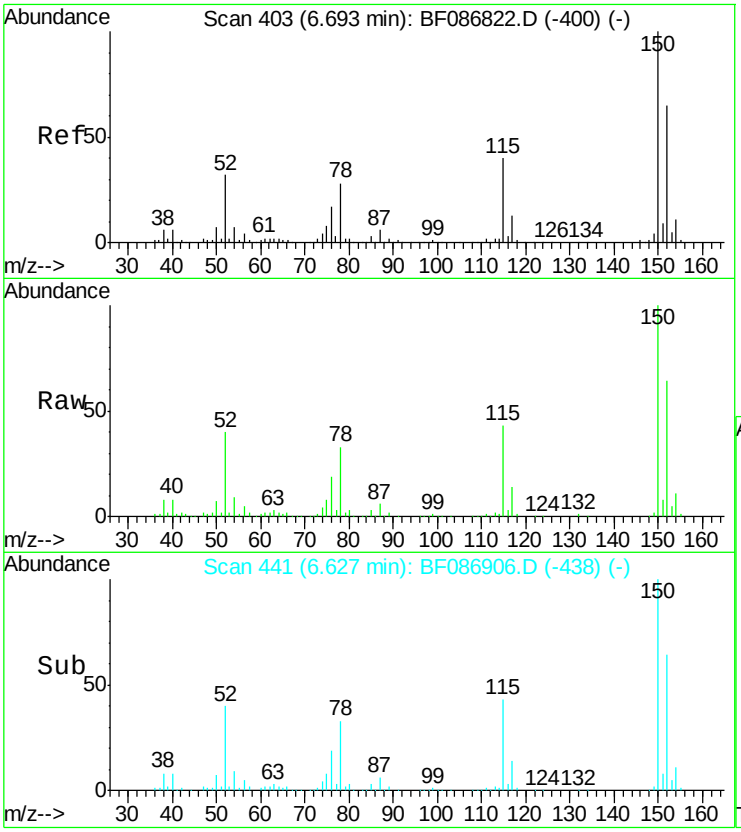
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086906.D
Acq On : 12 May 2016 00:00
Operator : UM/SJ
Sample : H2952-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Time: May 12 00:56:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration



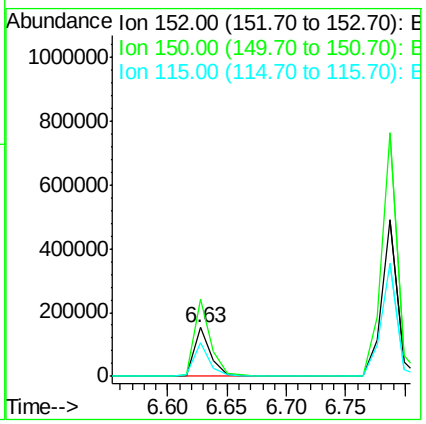


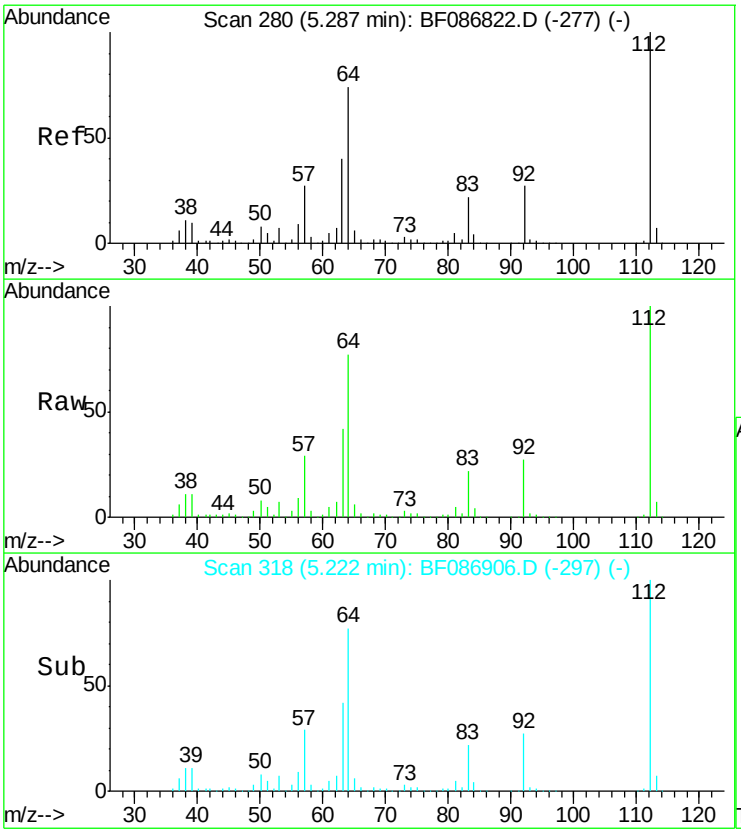
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 146035

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.8	188.6
115	68.3	51.5	77.3

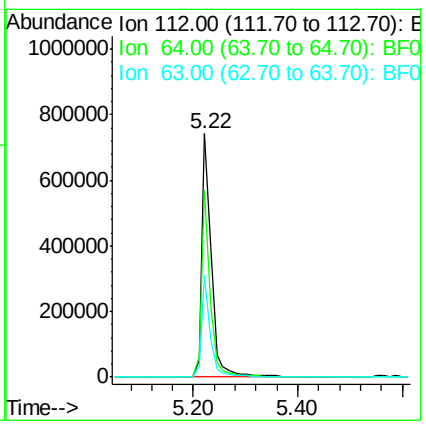


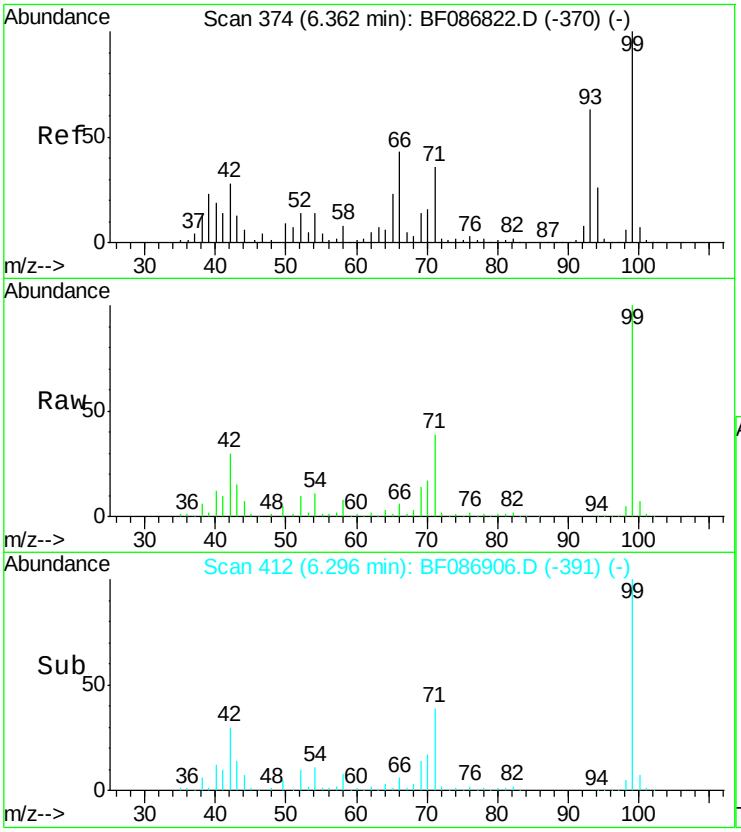


#5
2-Fluorophenol
Concen: 110.48 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:112 Resp: 952667

Ion	Ratio	Lower	Upper
112	100		
64	76.9	52.1	78.1
63	41.5	25.7	38.5#



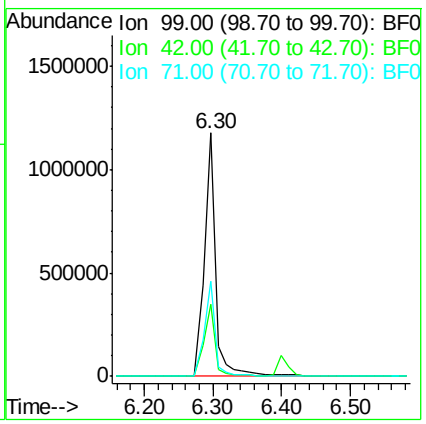


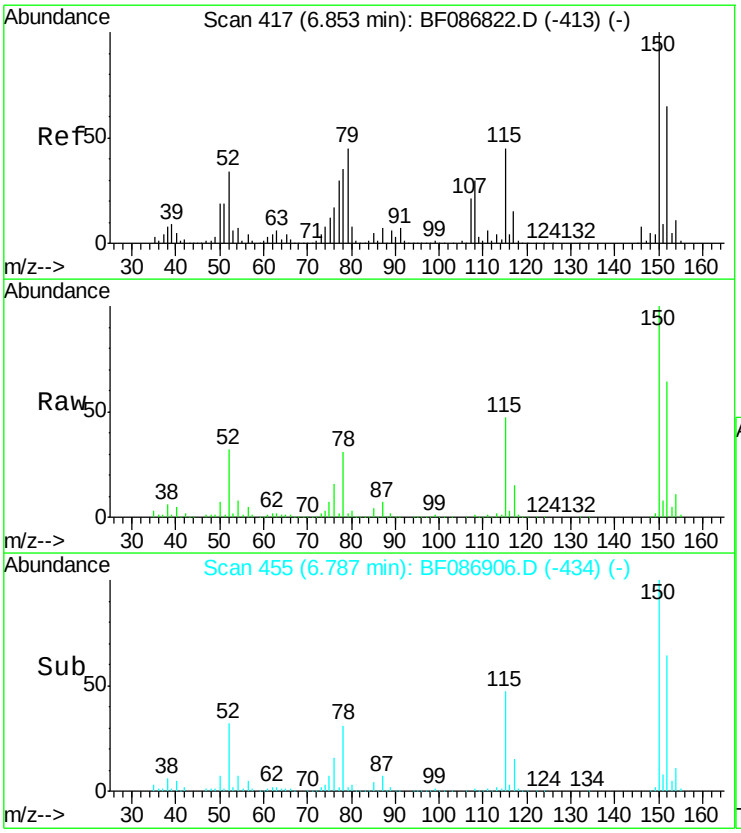
#7
Phenol-d6
Concen: 117.27 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 1351460

Ion	Ratio	Lower	Upper
99	100		
42	29.5	13.6	20.4#
71	39.0	24.6	36.8#

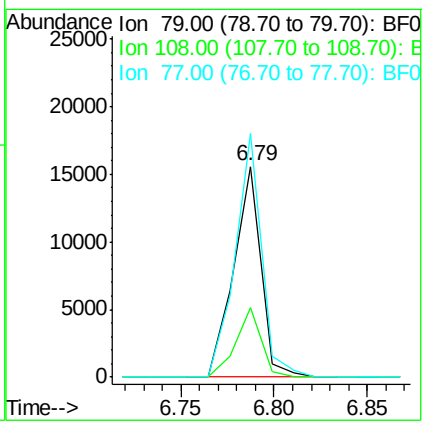


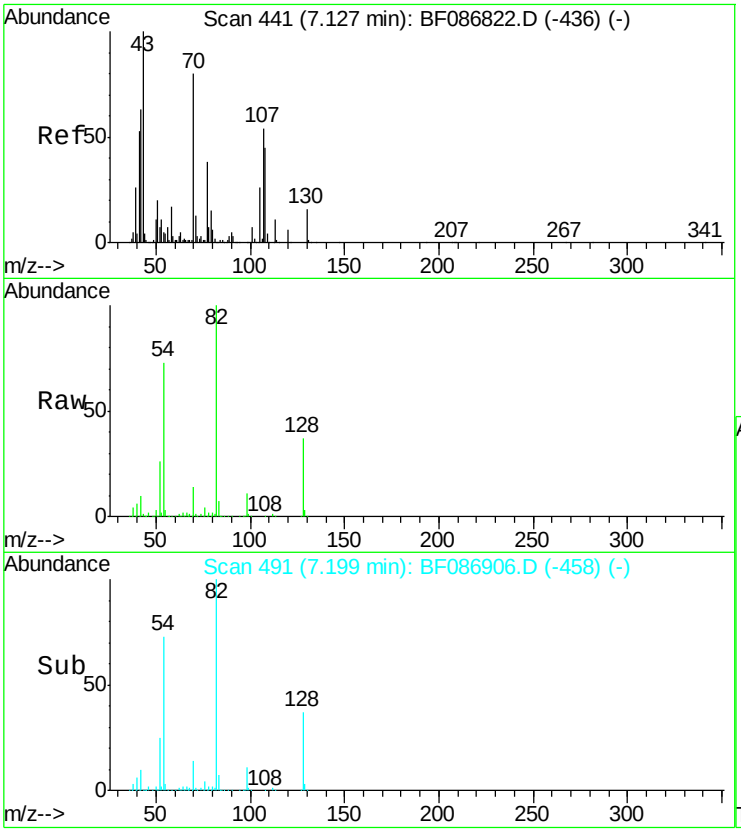


#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion: 79 Resp: 15949

Ion	Ratio	Lower	Upper
79	100		
108	33.1	68.4	102.6#
77	115.4	50.6	76.0#



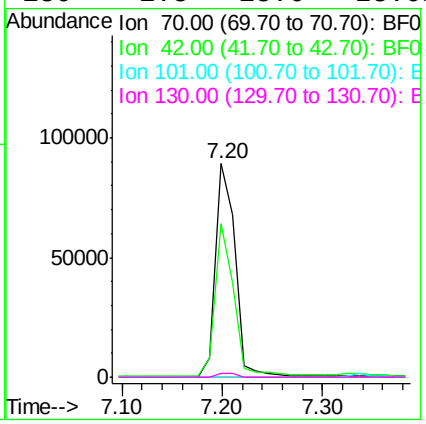


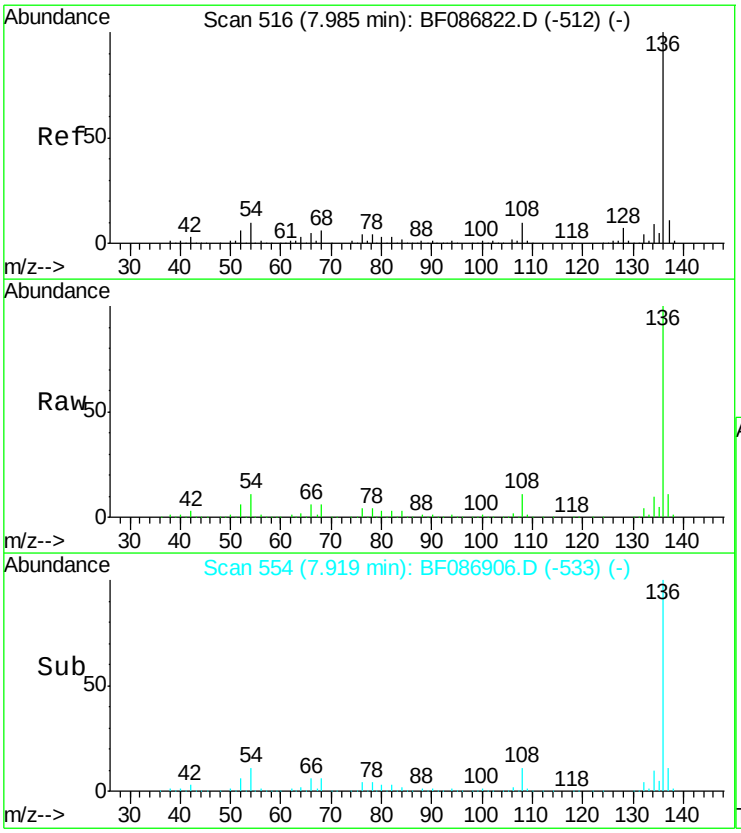
#19
n-Nitroso-di-n-propylamine
Concen: 15.25 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 70 Resp: 122796

Ion	Ratio	Lower	Upper
70	100		
42	72.1	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

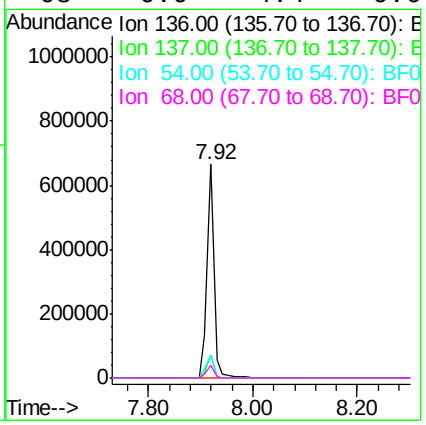


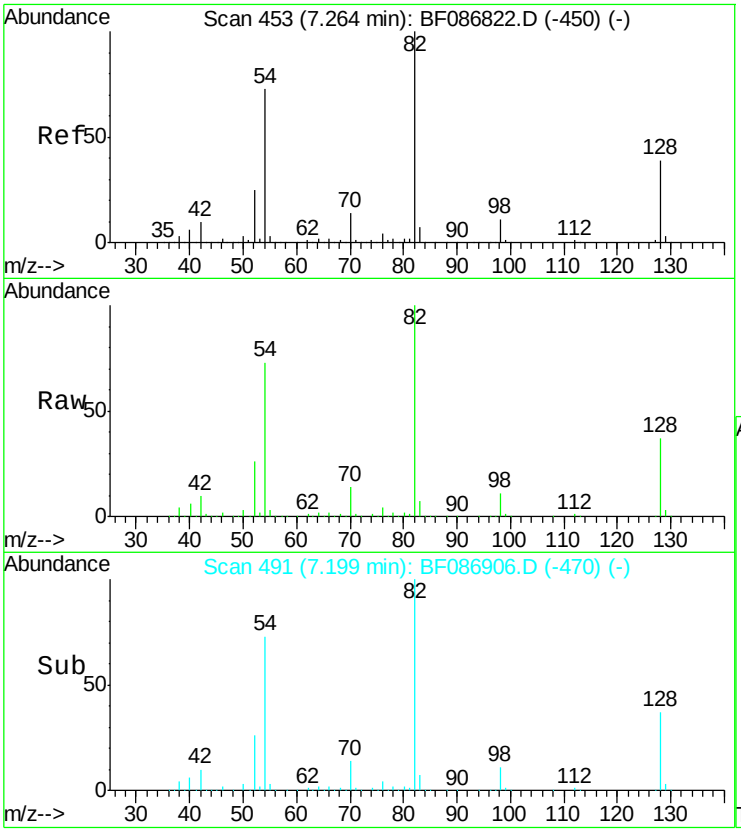


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:136 Resp: 614231

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.6	5.0	7.4#
68	6.0	4.4	6.6



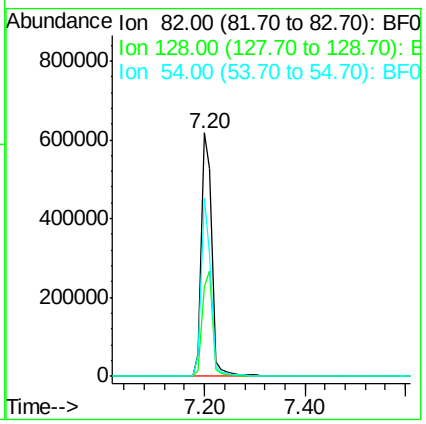


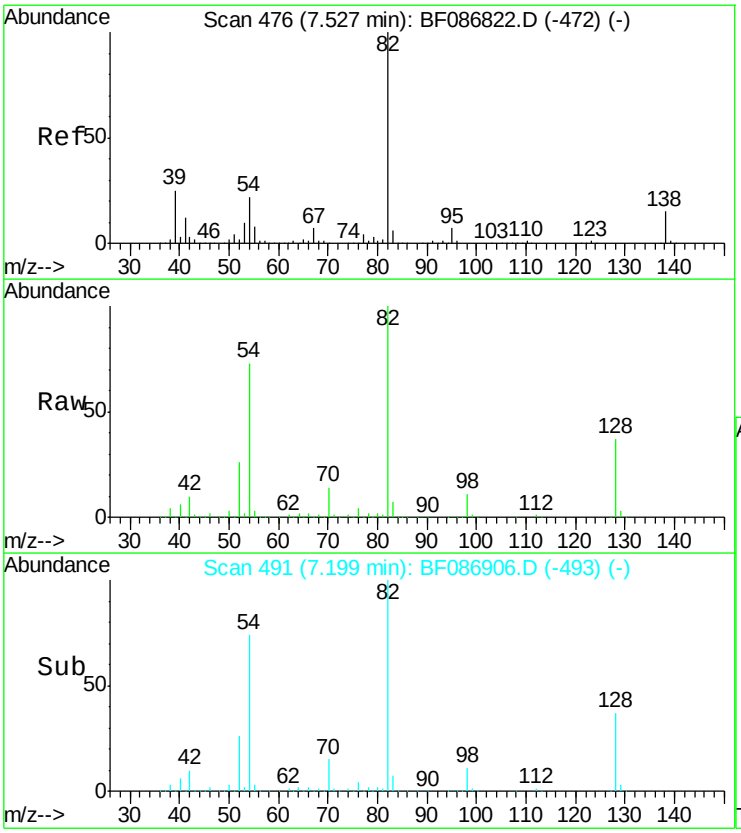
#23
Nitrobenzene-d5
Concen: 73.30 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 82 Resp: 896634

Ion	Ratio	Lower	Upper
82	100		
128	37.1	40.6	61.0#
54	73.4	38.1	57.1#

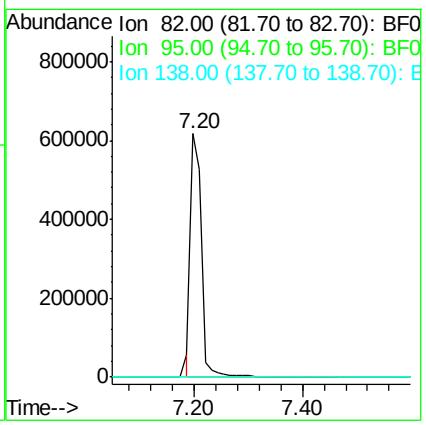


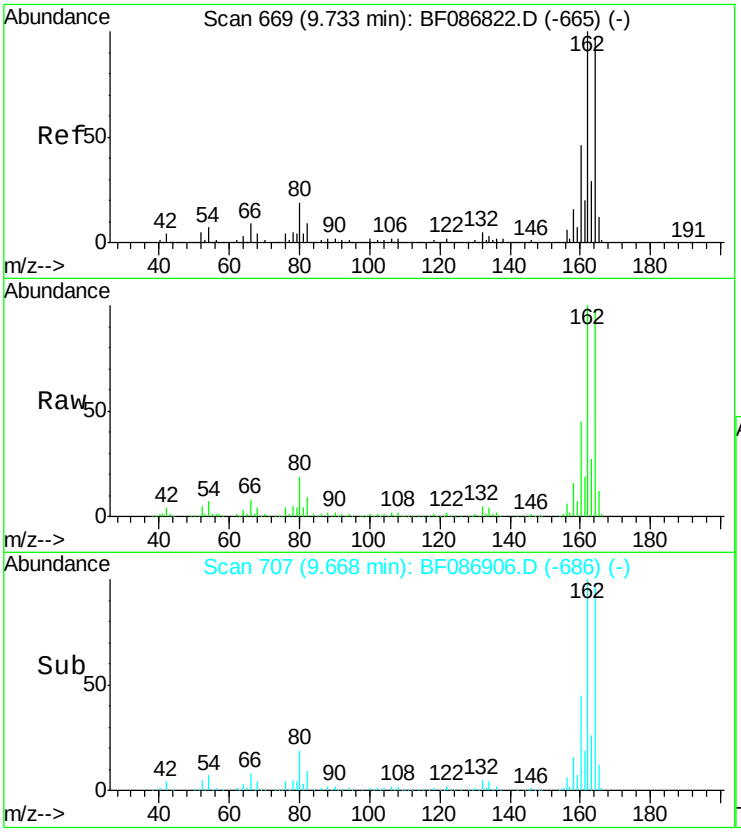


#25
Isophorone
Concen: 37.33 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.33 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion: 82 Resp: 847193

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



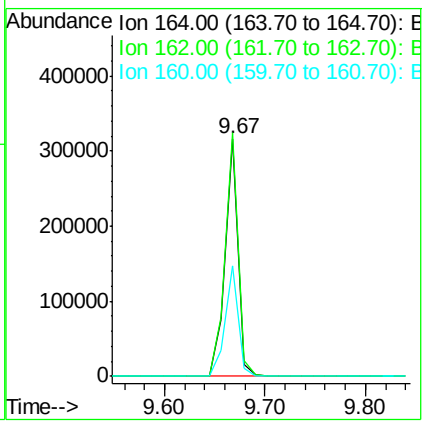


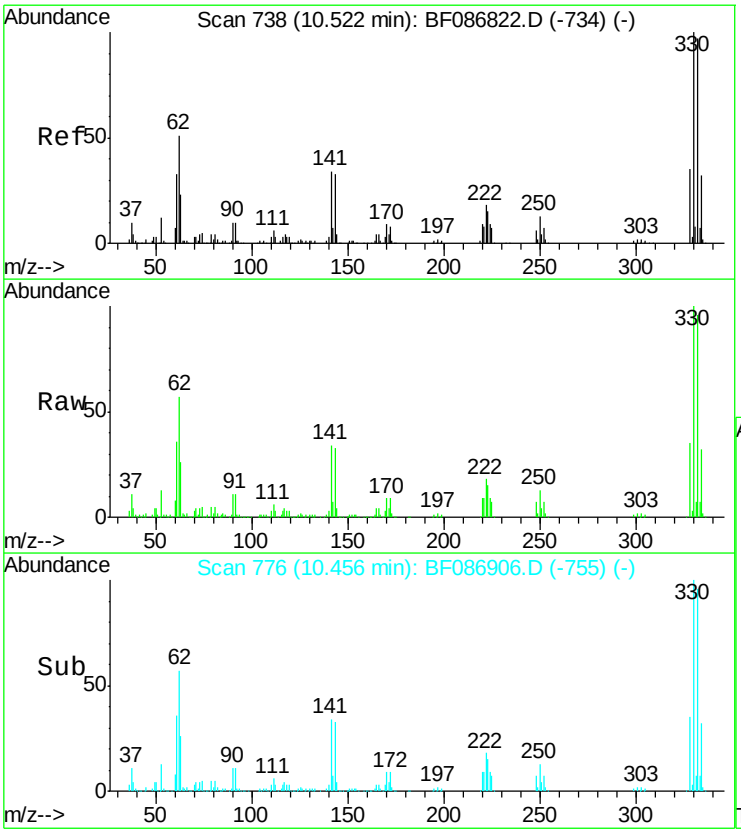
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:164 Resp: 284806

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	46.5	36.9	55.3

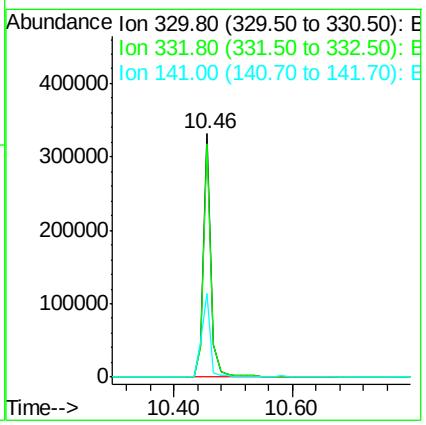


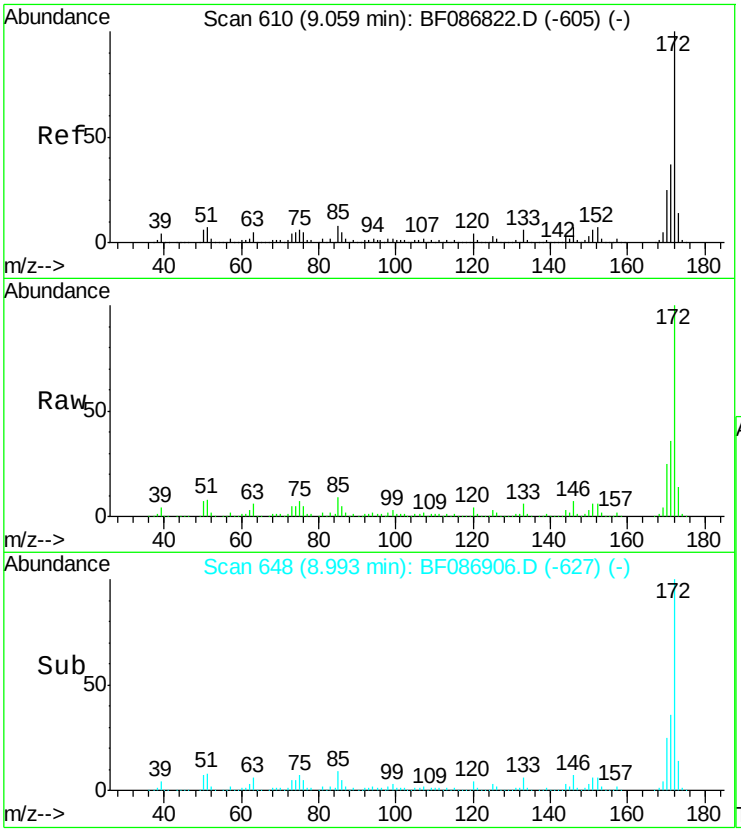


#41
2,4,6-Tribromophenol
Concen: 101.97 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:330 Resp: 307466

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	39.5	31.2	46.8



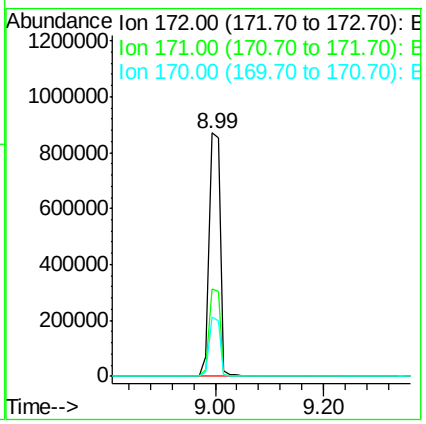


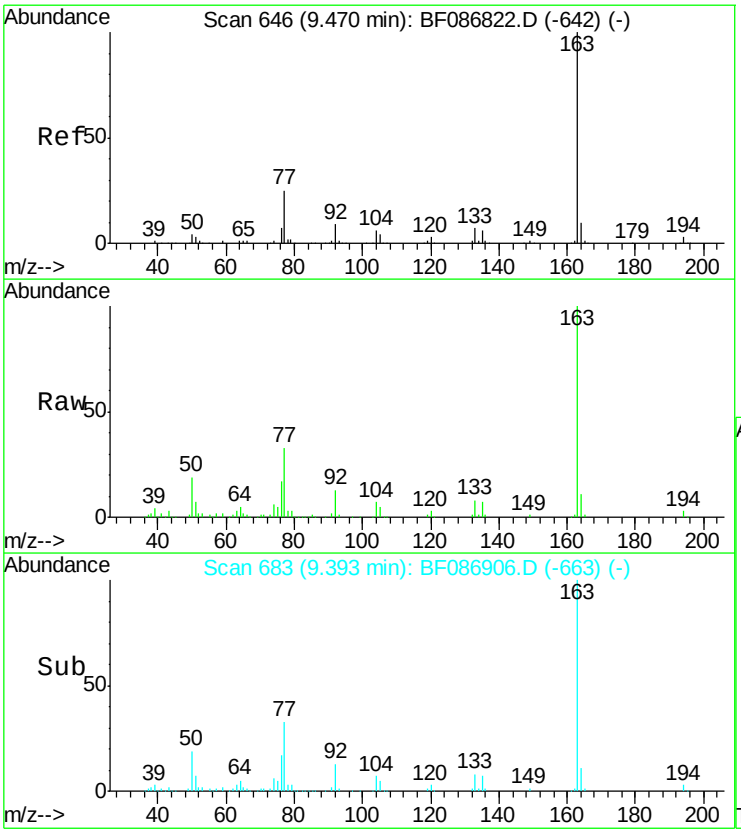
#44
2-Fluorobiphenyl
Concen: 74.82 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:172 Resp: 1267906

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.6	19.8	29.8

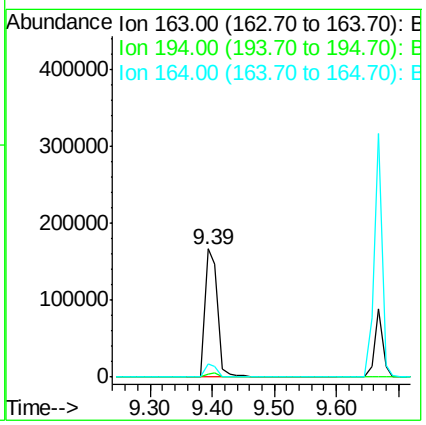


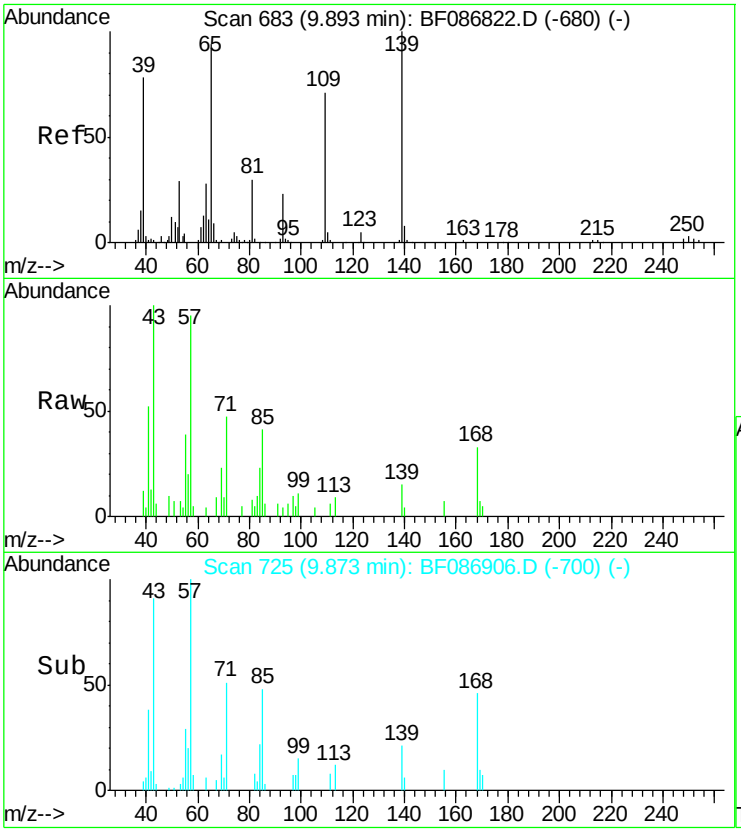


#49
Dimethylphthalate
Concen: 10.77 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:163 Resp: 233930

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	10.7	8.2	12.4



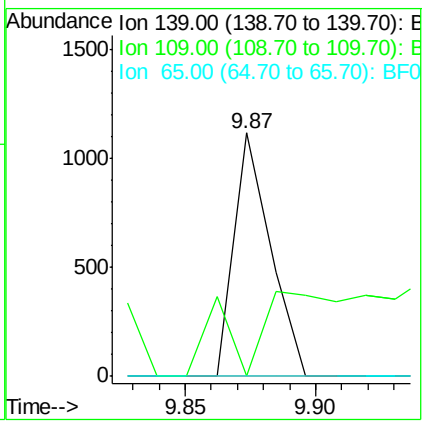


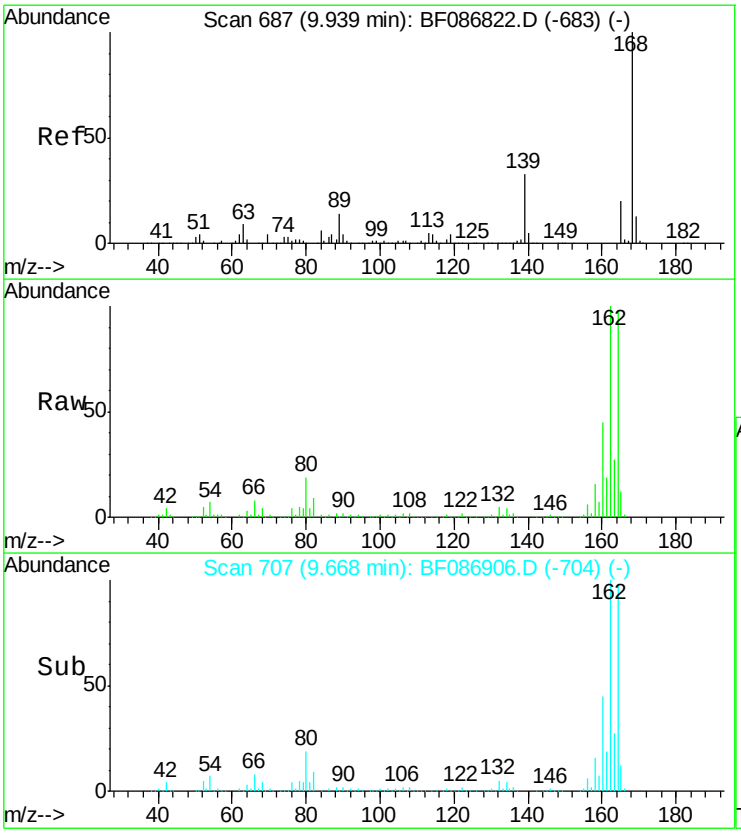
#55
4-Nitrophenol
Concen: 4.88 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:139 Resp: 1097

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

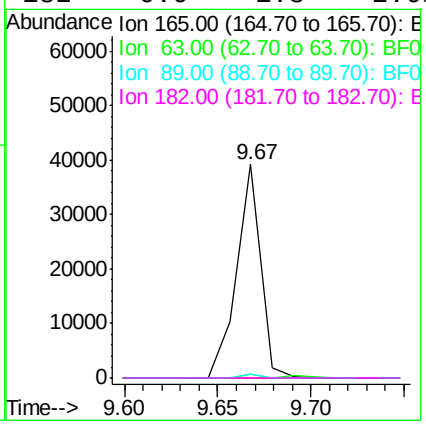


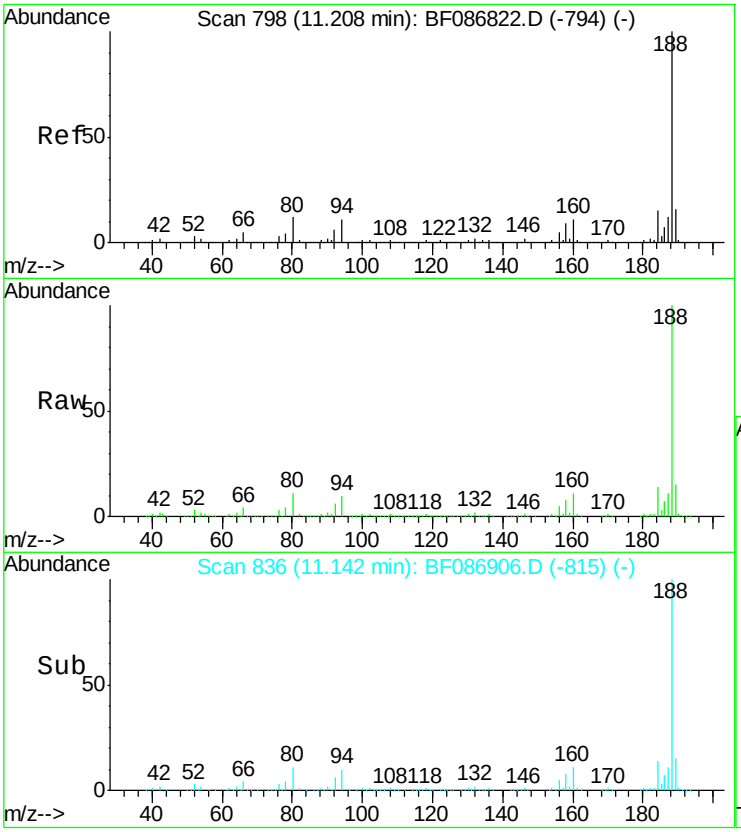


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.27 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:165 Resp: 35460

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#



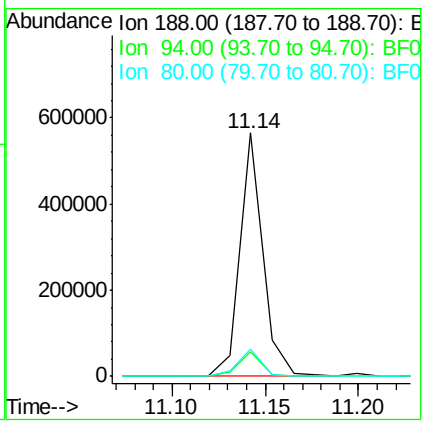


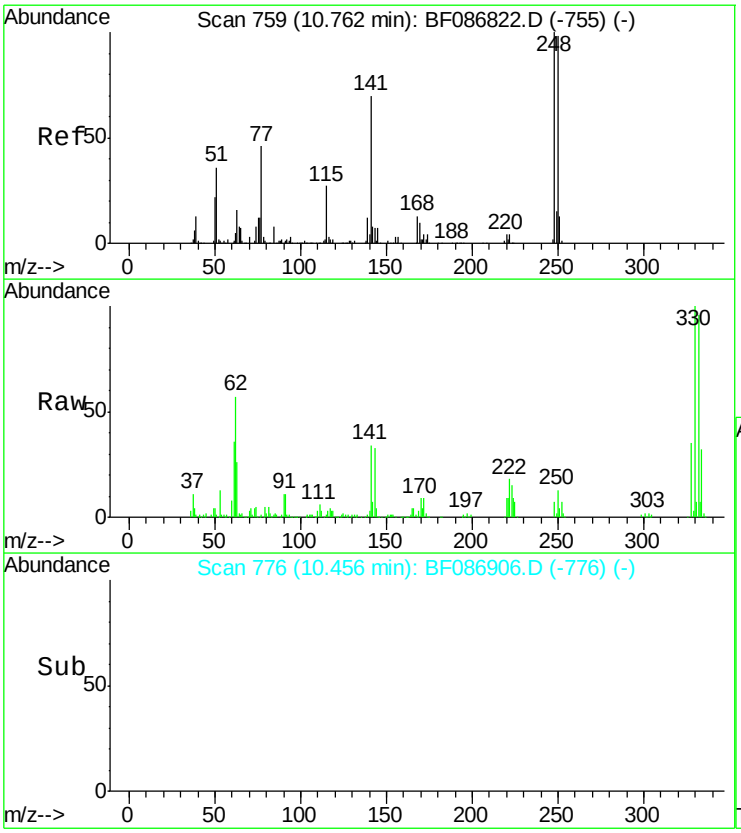
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:188 Resp: 486145

Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.8	10.2#
80	11.1	7.1	10.7#

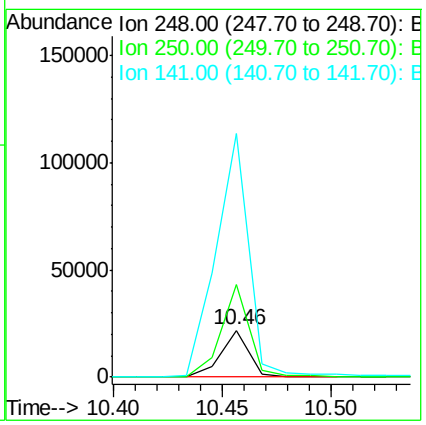


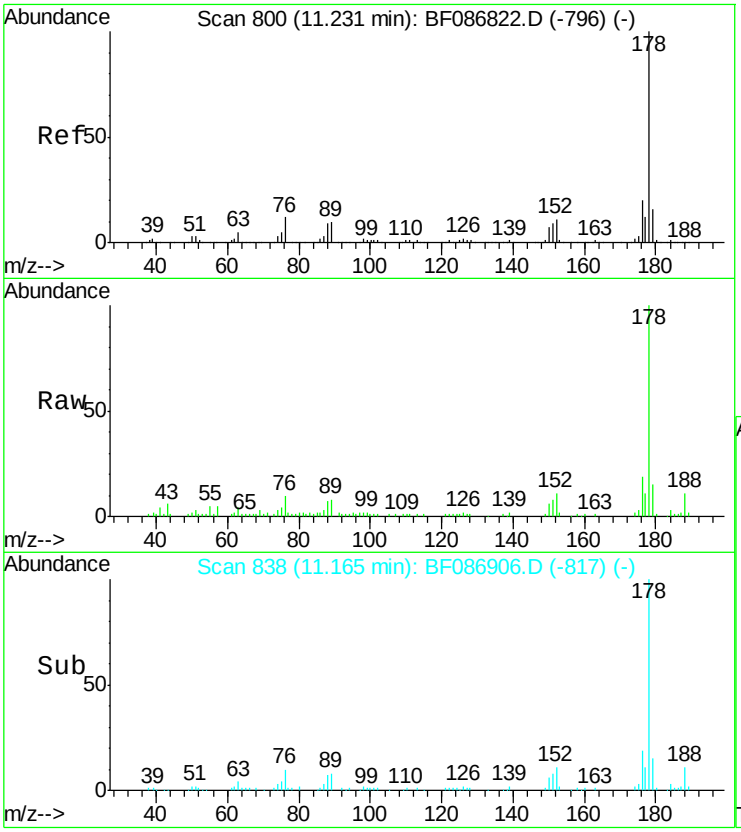


#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.31 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:248 Resp: 19611

Ion	Ratio	Lower	Upper
248	100		
250	198.8	78.6	117.8#
141	520.4	76.0	114.0#



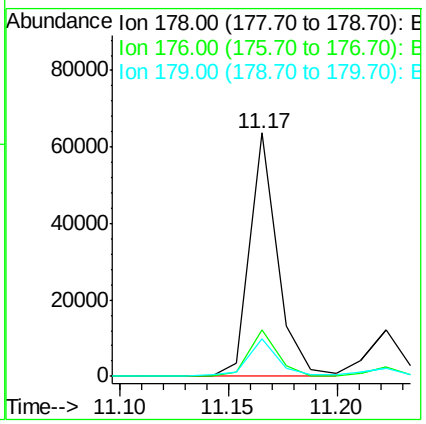


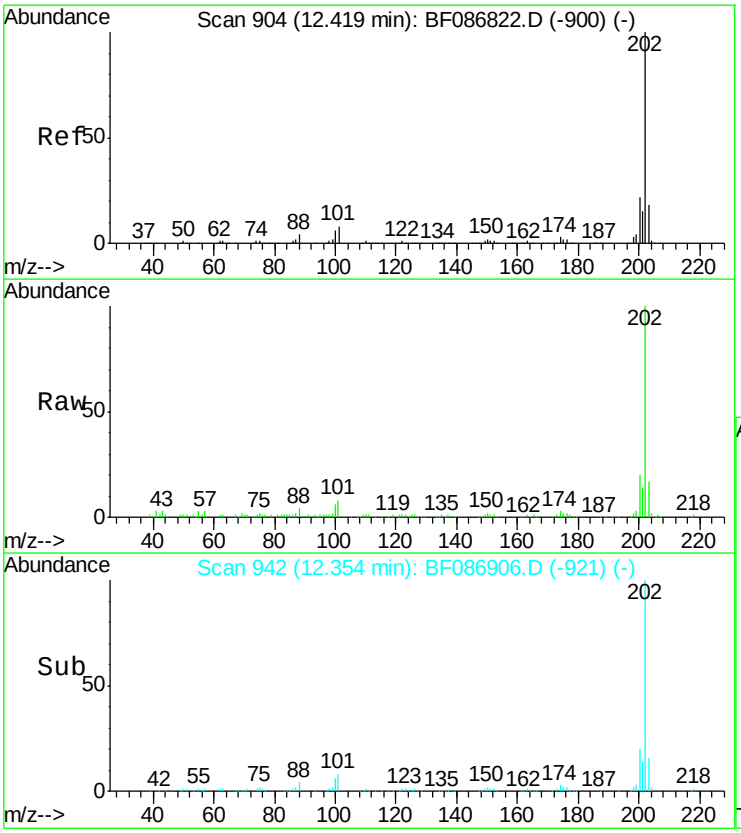
#70
Phenanthrene
Concen: 2.19 ng
RT: 11.17 min Scan# 838
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:178 Resp: 56915

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.4	12.6	18.8

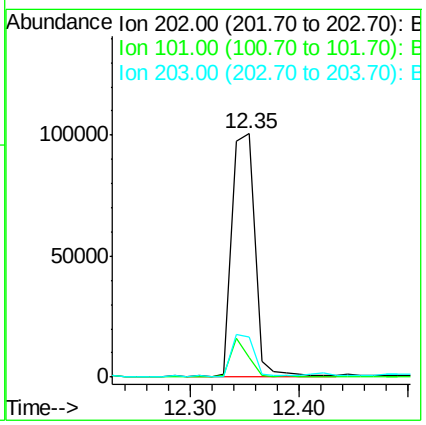


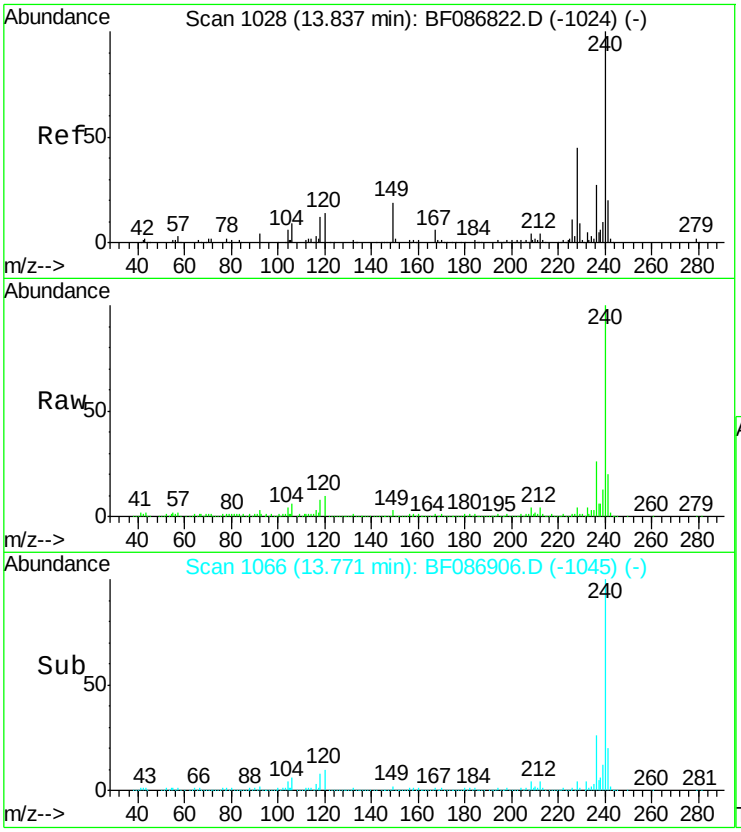


#74
Fluoranthene
Concen: 5.50 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:202 Resp: 146720

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	35.4
203	16.6	0.0	38.1



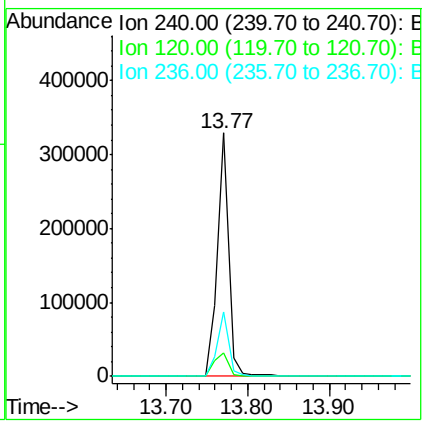


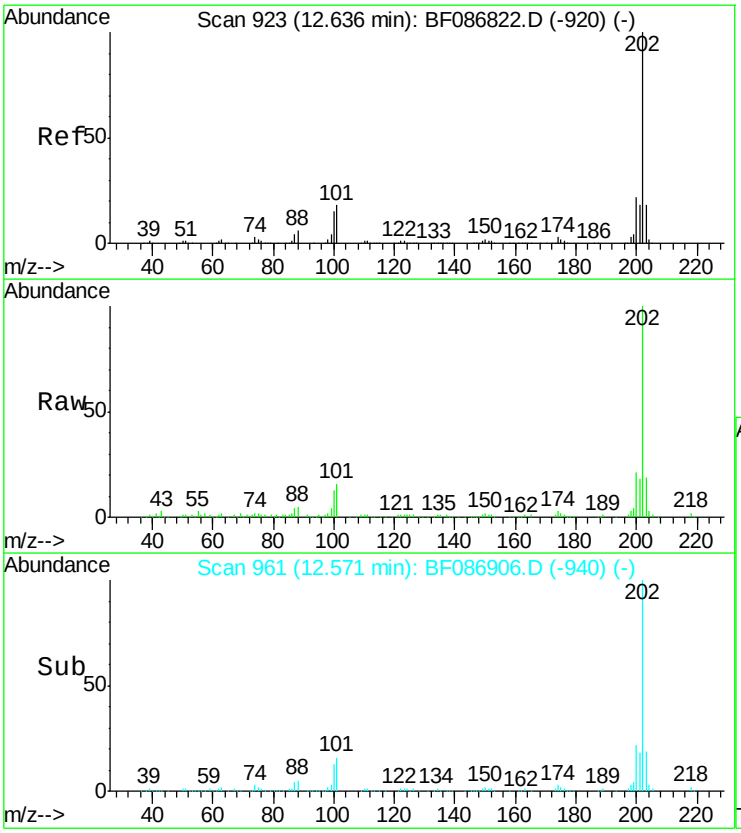
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:240 Resp: 319708

Ion	Ratio	Lower	Upper
240	100		
120	9.6	11.2	16.8#
236	26.2	21.2	31.8

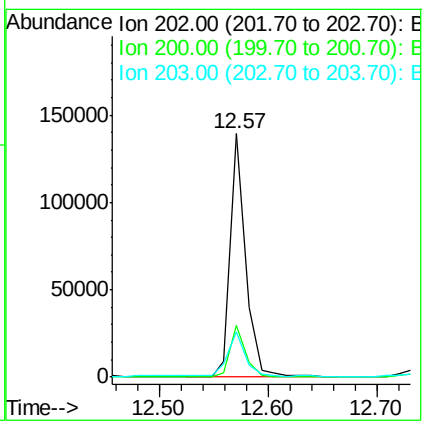


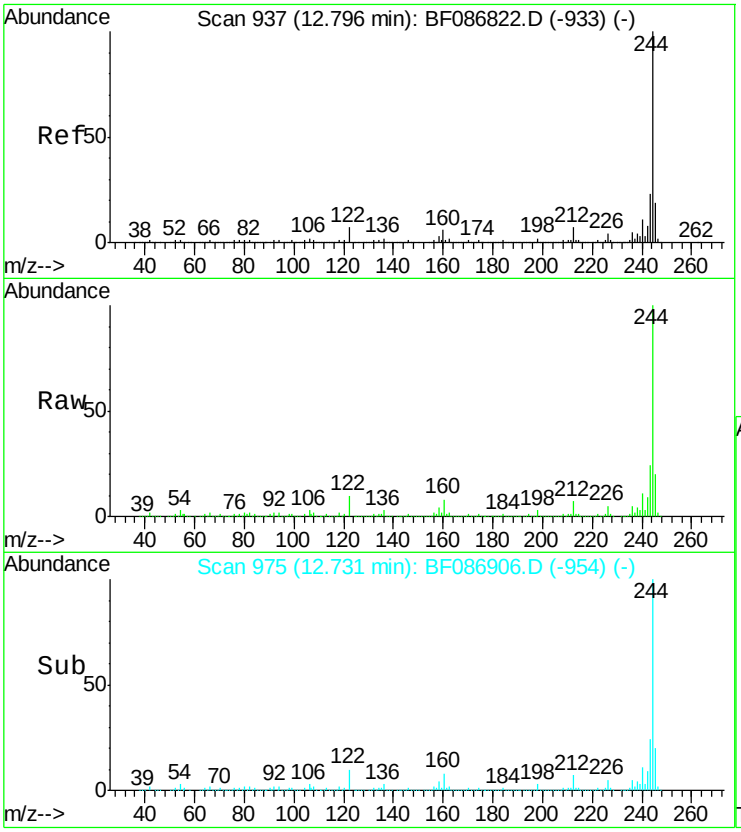


#77
Pyrene
Concen: 5.47 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:202 Resp: 133801

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	18.7	14.2	21.4



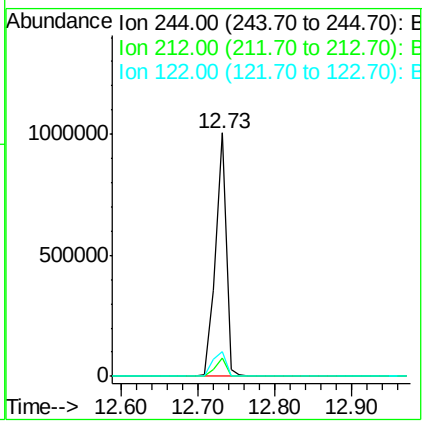


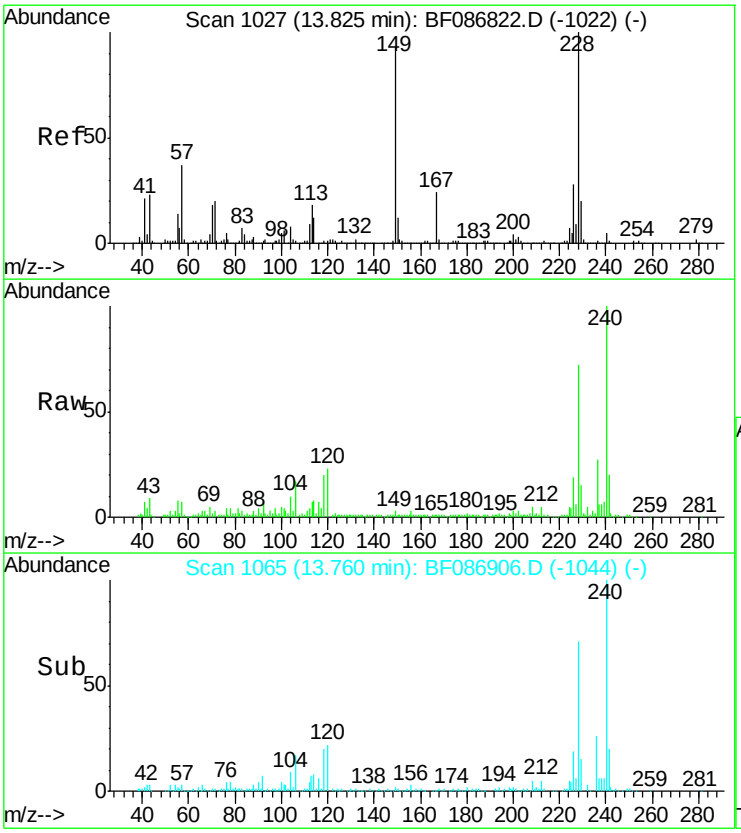
#78
Terphenyl-d14
Concen: 64.48 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:244 Resp: 971567

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.0	12.0	18.0#

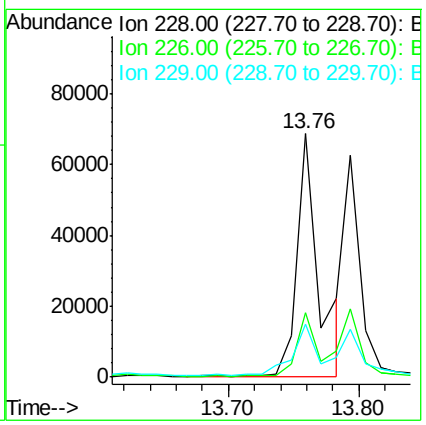


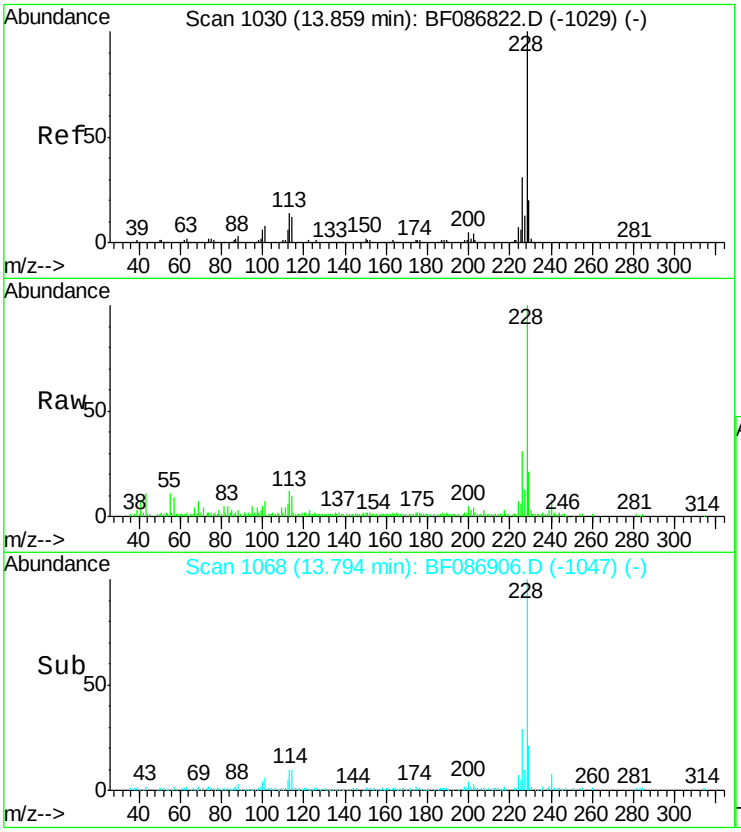


#80
Benzo(a)anthracene
Concen: 4.54 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:228 Resp: 81535

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.5	33.7
229	21.6	16.6	25.0



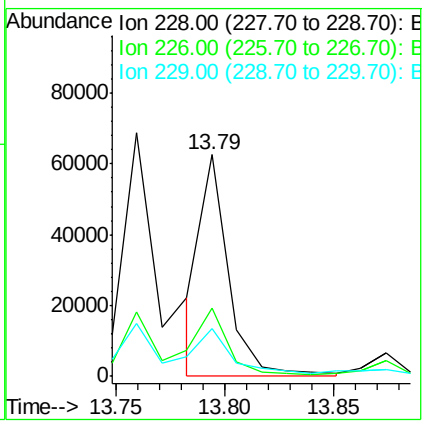


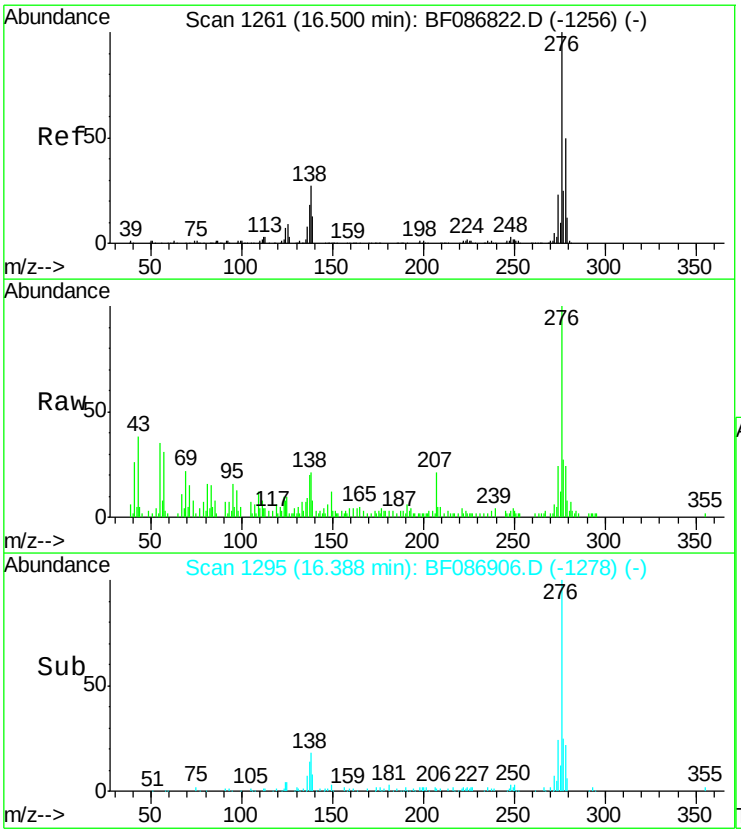
#82
Chrysene
Concen: 3.04 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:228 Resp: 55423

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	21.4	15.8	23.8

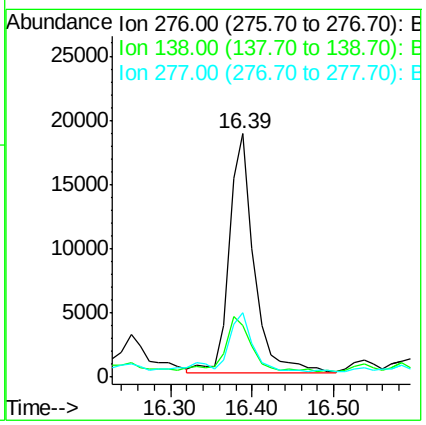


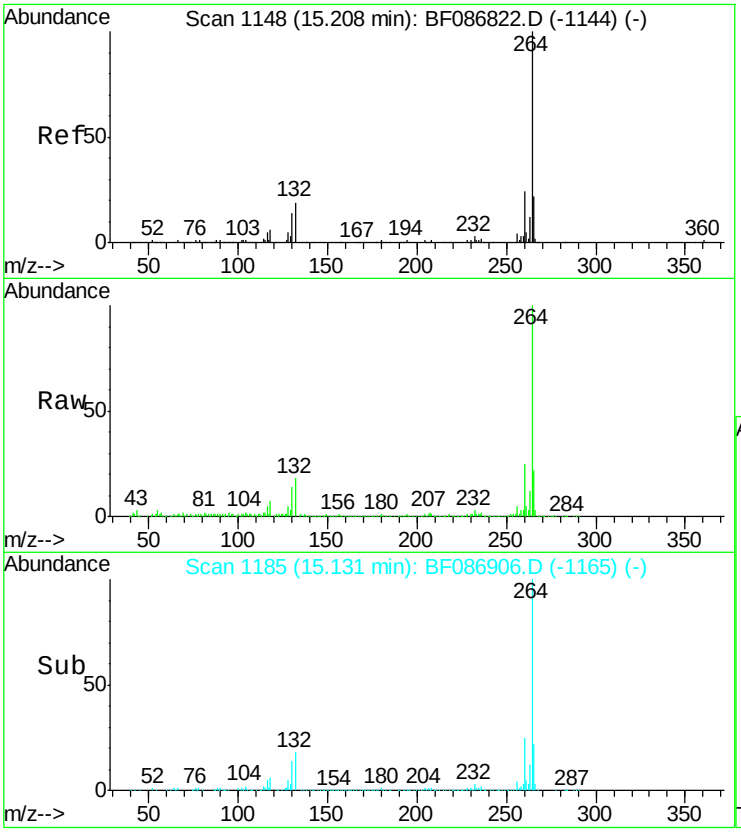


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:276 Resp: 38842

Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.6	38.4
277	24.3	20.5	30.7



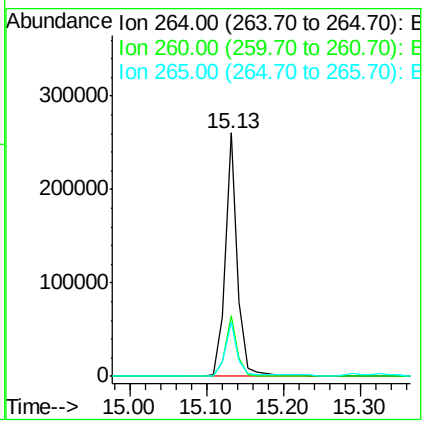


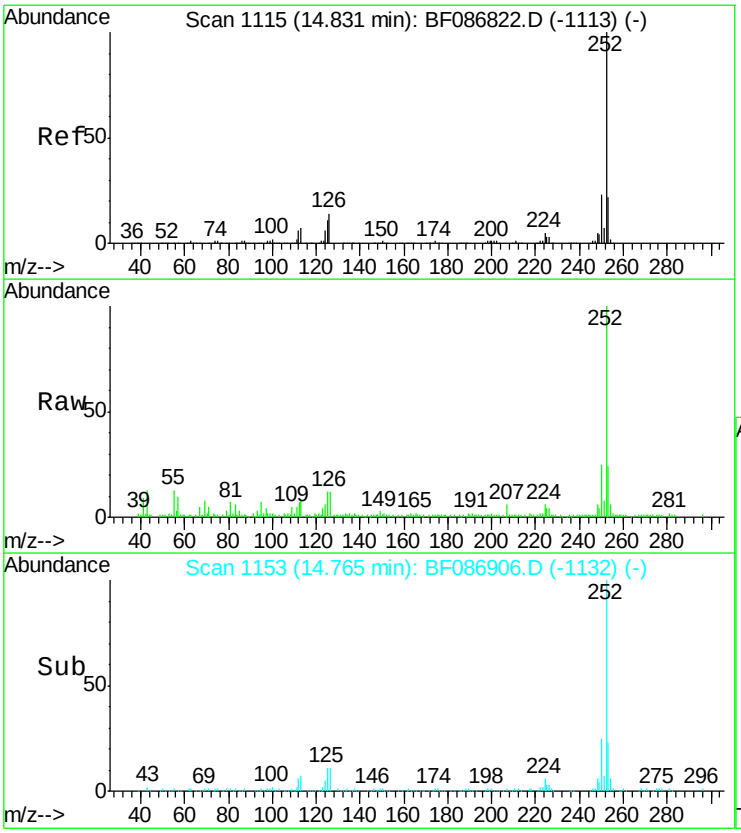
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:264 Resp: 294537

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.0	17.3	25.9

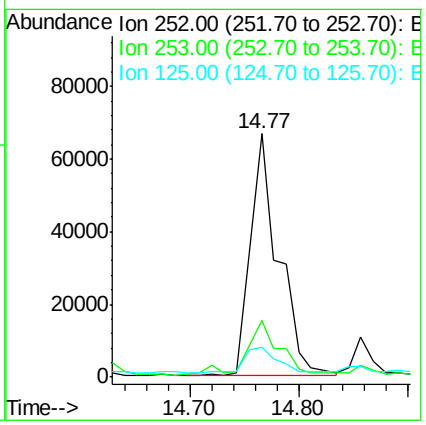


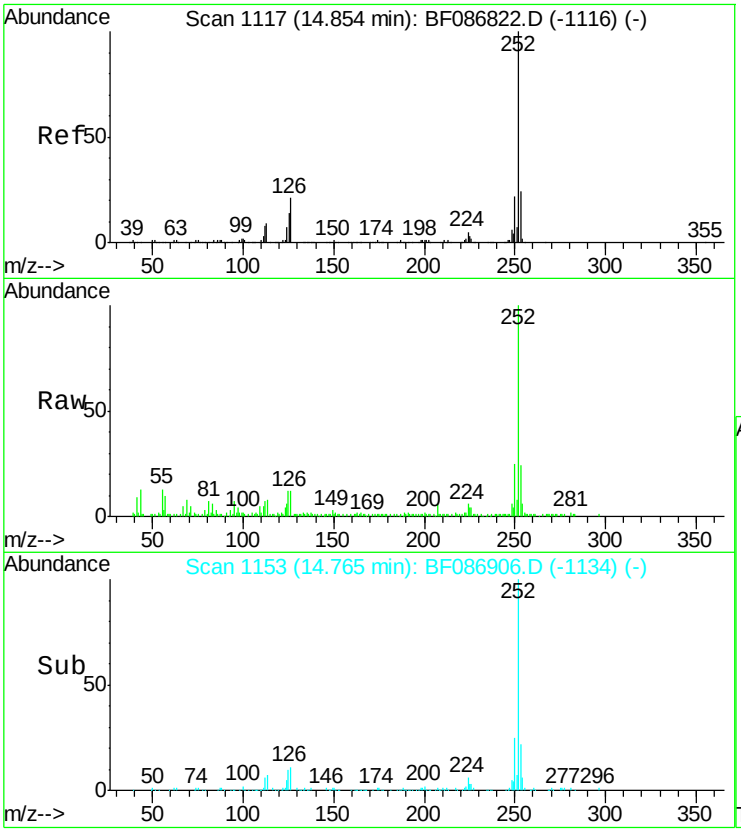


#87
Benzo(b)fluoranthene
Concen: 6.24 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:252 Resp: 119502

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	12.4	11.4	17.0



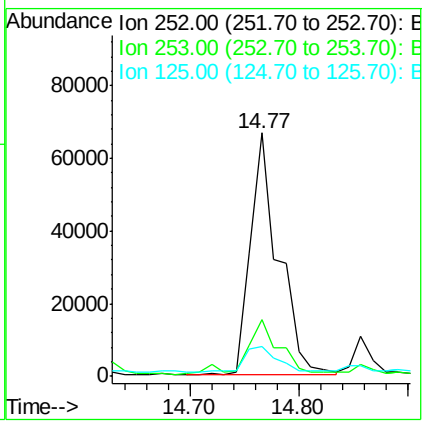


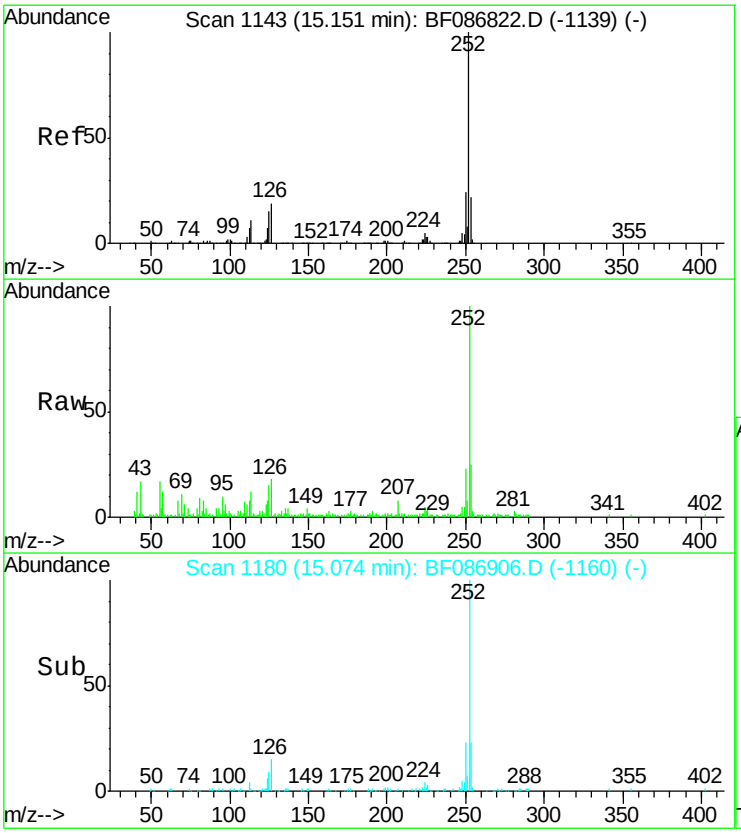
#88
Benzo(k)fluoranthene
Concen: 7.62 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.09 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:252 Resp: 119502

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	12.4	9.1	13.7

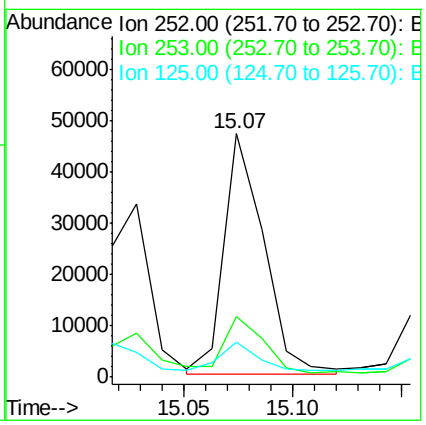


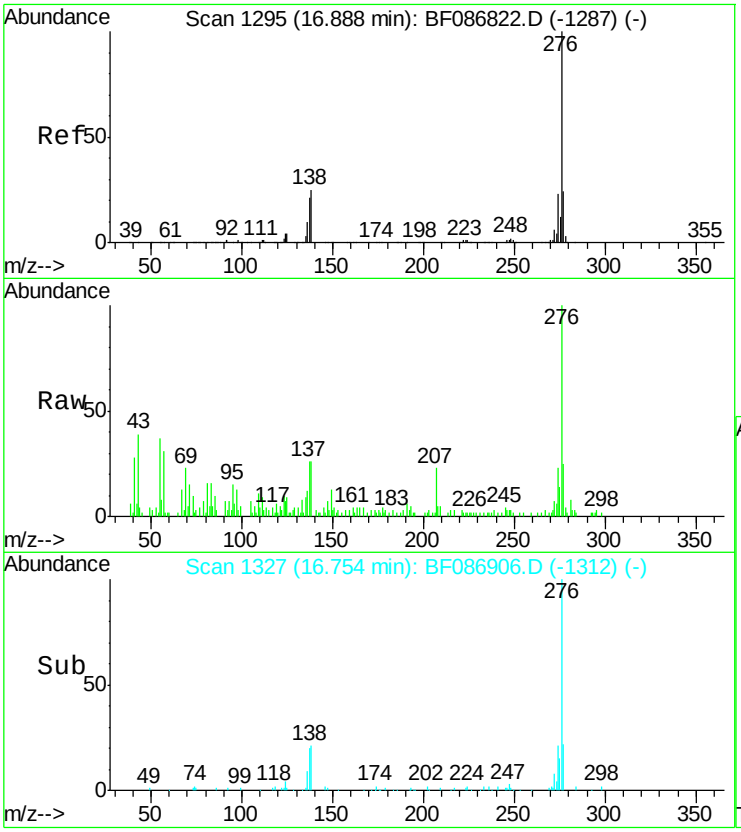


#89
Benzo(a)pyrene
Concen: 3.61 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.08 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Tgt Ion:252 Resp: 59608

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	14.5	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 2.61 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.13 min
Lab File: BF086906.D
Acq: 12 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:276 Resp: 36908

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.6	29.4
138	25.8	23.6	35.4