Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
Operator : UM/SJ
Sample : H2652-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B15(0-5)-C

Quant Time: Apr 25 00:58:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	167003	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	647906	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	282050	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	443980	20.00	ng		0.00
75) Chrysene-d12	14.01	240	298032	20.00	ng		0.01
86) Perylene-d12	15.43	264	250228	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1039218	107.46	ng		0.02
7) Phenol-d6	6.48	99	1281295	97.46	ng		0.00
23) Nitrobenzene-d5	7.41	82	765425	69.98	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	218987	85.77	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1259023	76.17	ng		0.00
78) Terphenyl-d14	12.96	244	860017	71.70	ng		0.01
Target Compounds							Qvalue
3) Pyridine	3.17	79	50874	3.99	ng	#	34
25) Isophorone	7.41	82	708944	33.07	ng	#	68
48) Acenaphthylene	9.74	152	142959	5.09	ng		100
49) Dimethylphthalate	9.60	163	247394	12.14	ng		98
51) Acenaphthene	9.92	154	41270	2.39	ng		97
54) Dibenzofuran	10.09	168	68840	3.11	ng	#	94
57) Fluorene	10.43	166	143384	7.90	ng		99
70) Phenanthrene	11.39	178	1163433	52.15	ng		99
71) Anthracene	11.44	178	458967	17.96	ng		99
72) Carbazole	11.60	167	74872	3.12	ng	#	89
74) Fluoranthene	12.59	202	1661039	69.04	ng		98
77) Pyrene	12.81	202	1405503	67.62	ng		98
80) Benzo(a)anthracene	14.00	228	818614	52.91	ng		99
82) Chrysene	14.00	228	818614	46.96	ng		97
85) Indeno(1,2,3-cd)pyrene	16.81	276	264978	17.10	ng	#	91
87) Benzo(b)fluoranthene	15.03	252	863692	62.88	ng		98
88) Benzo(k)fluoranthene	15.03	252	863692	64.07	ng	#	95
89) Benzo(a)pyrene	15.37	252	457826	33.79	ng		95
90) Dibenzo(a,h)anthracene	16.98	278	49964	4.47	ng		93
91) Benzo(g,h,i)perylene	17.22	276	230469	19.97	ng		99

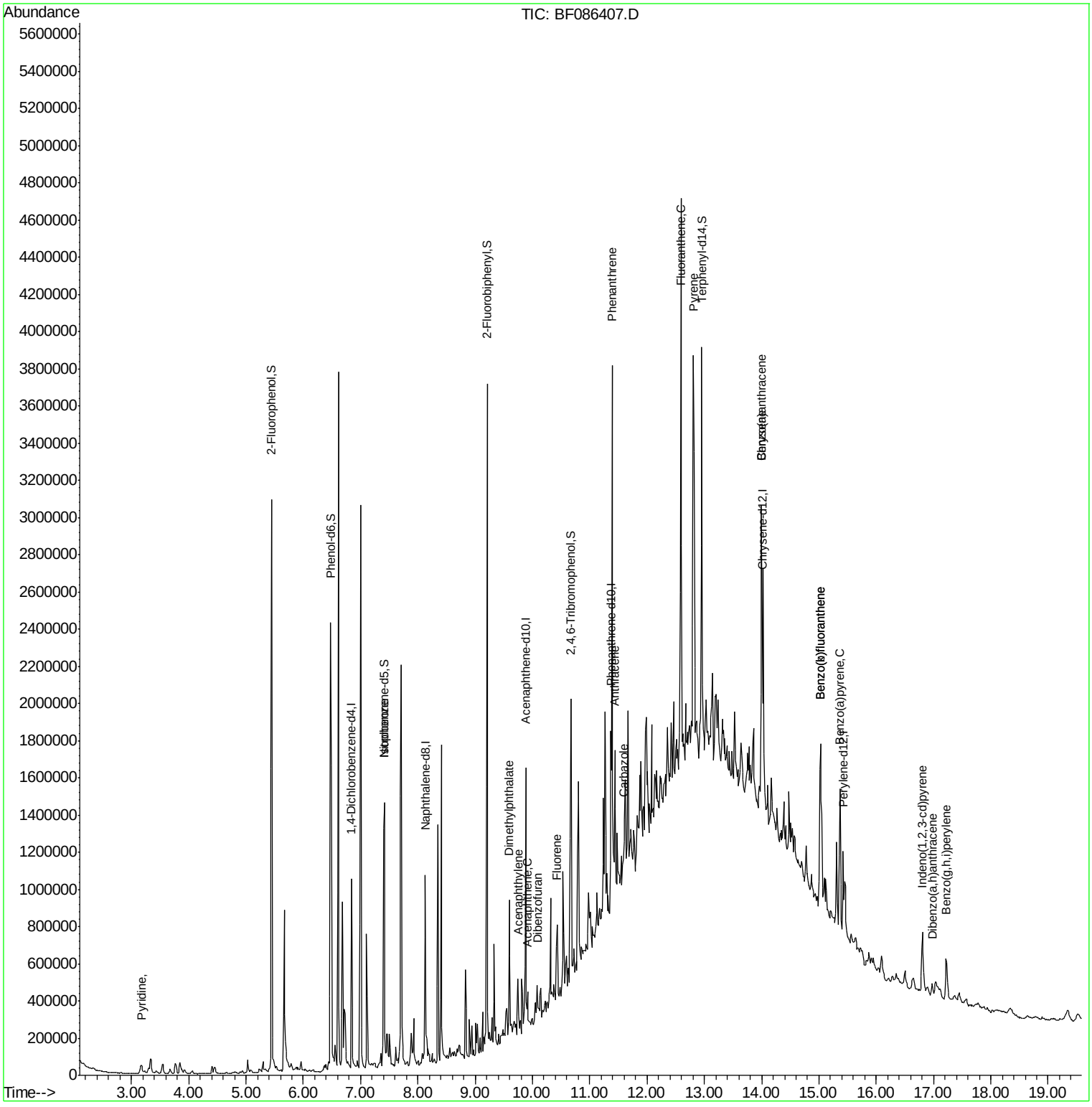
(#) = qualifier out of range (m) = manual integration (+) = signals summed

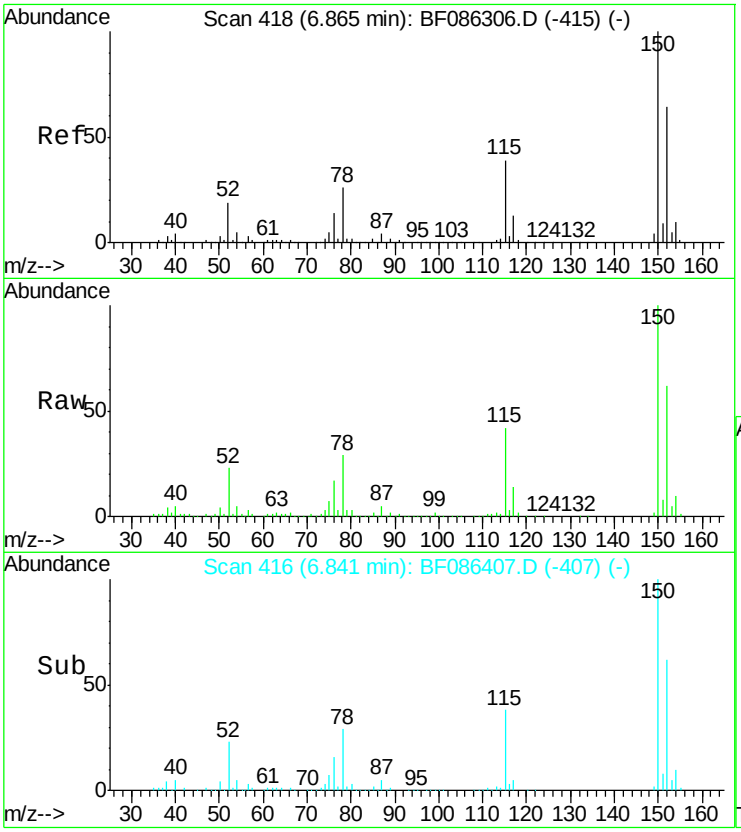
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086407.D
Acq On : 23 Apr 2016 23:16
Operator : UM/SJ
Sample : H2652-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Quant Time: Apr 25 00:58:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration



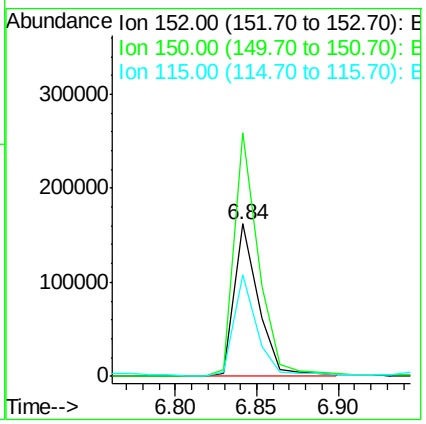


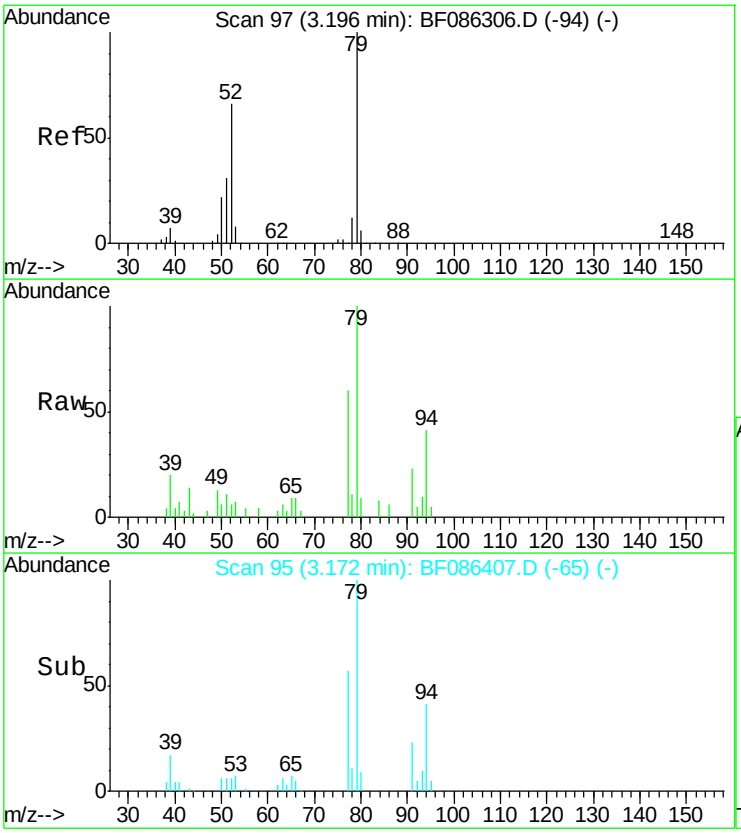
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:152 Resp: 167003

Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.8	188.6
115	66.7	51.5	77.3

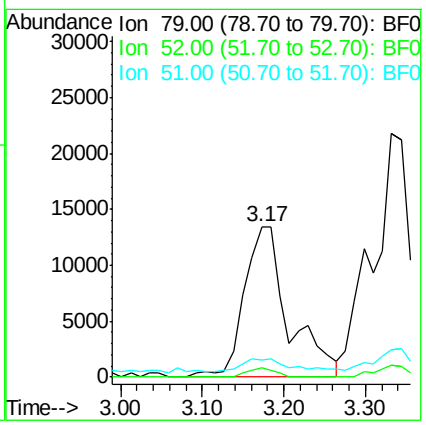


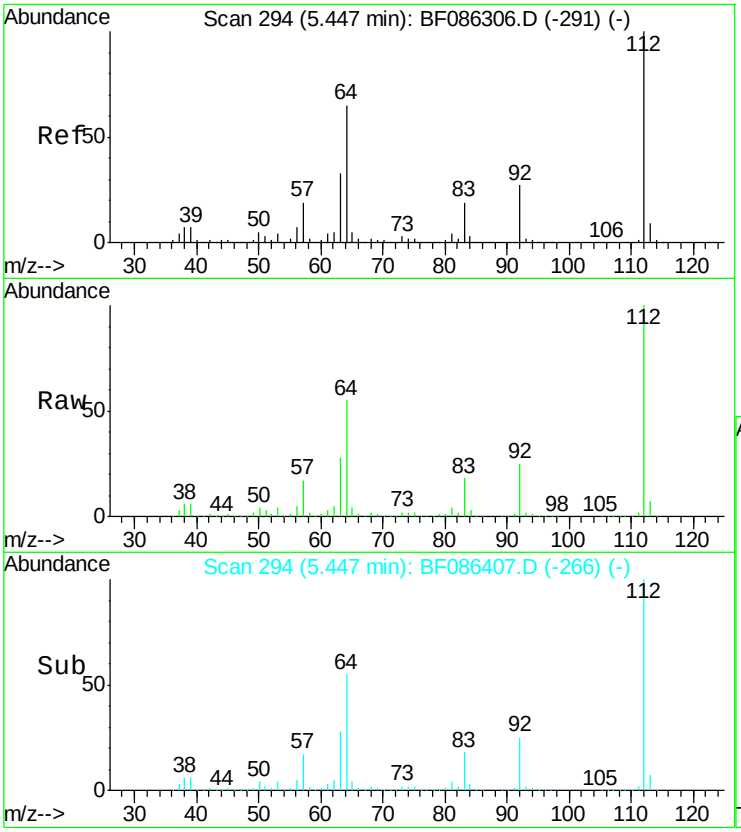


#3
Pyridine
Concen: 3.99 ng
RT: 3.17 min Scan# 95
Delta R.T. 0.05 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion: 79 Resp: 50874

Ion	Ratio	Lower	Upper
79	100		
52	5.9	55.9	83.9#
51	11.5	28.1	42.1#



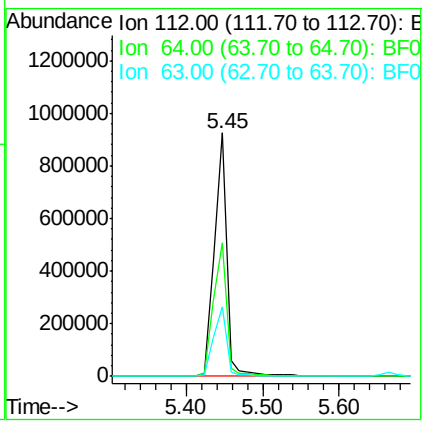


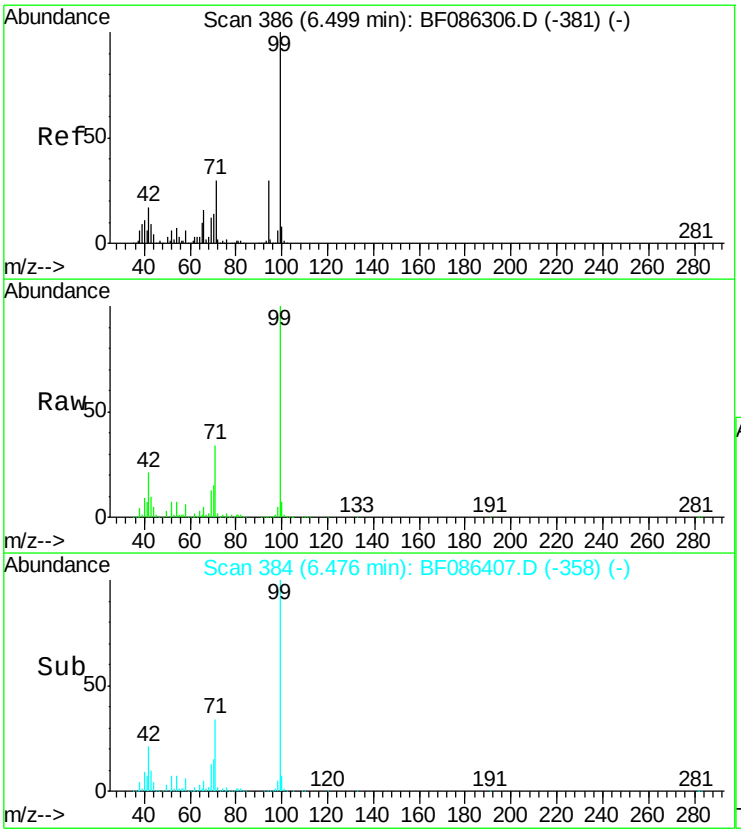
#5
2-Fluorophenol
Concen: 107.46 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:112 Resp: 1039218

Ion	Ratio	Lower	Upper
112	100		
64	55.0	52.1	78.1
63	28.4	25.7	38.5

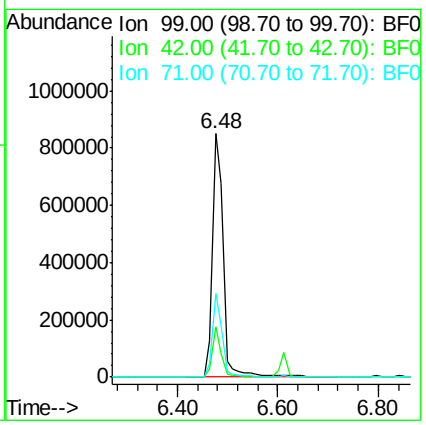


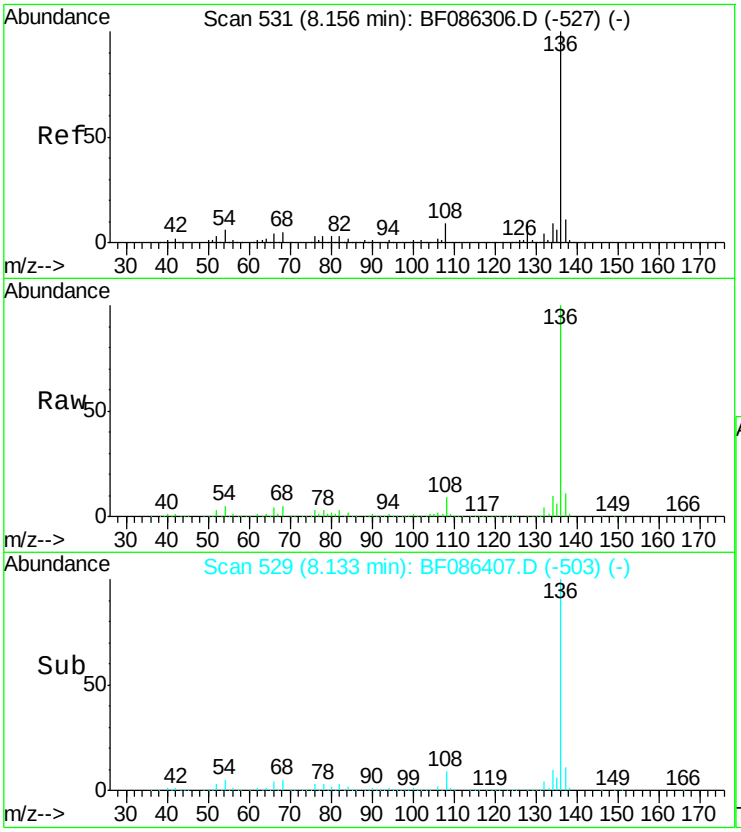


#7
Phenol-d6
Concen: 97.46 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion: 99 Resp: 1281295

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.6	20.4#
71	34.2	24.6	36.8



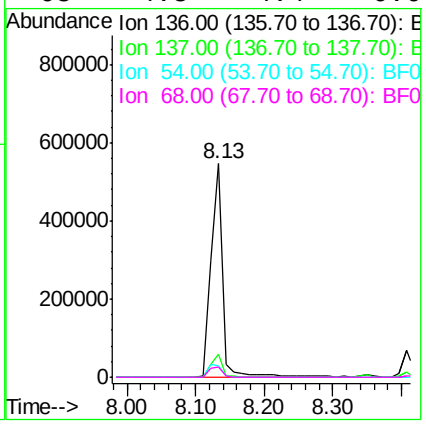


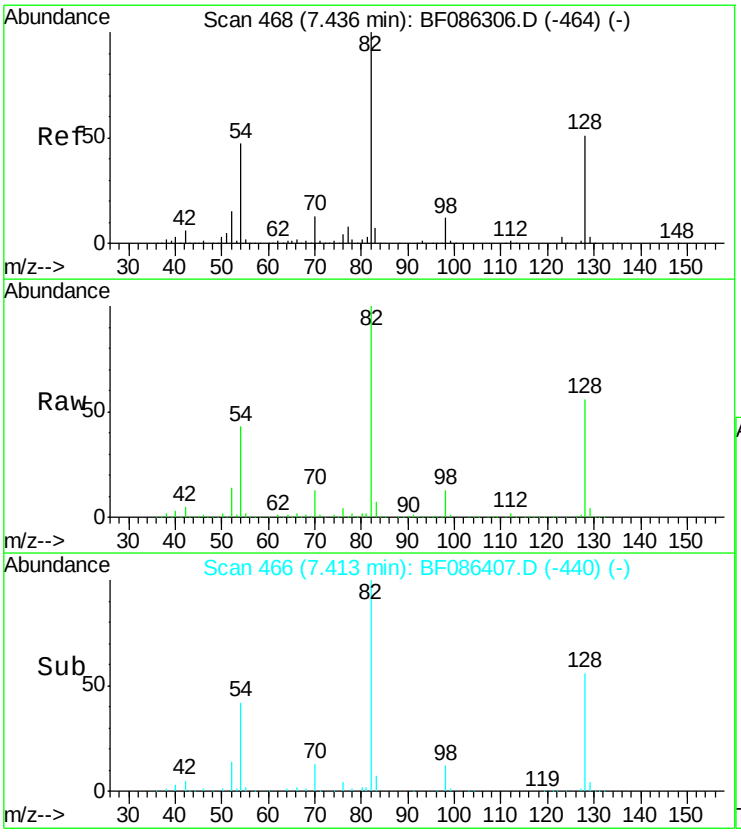
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:136 Resp: 647906

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	5.5	5.0	7.4
68	4.8	4.4	6.6

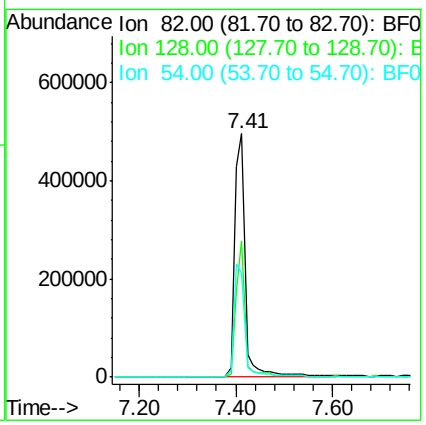


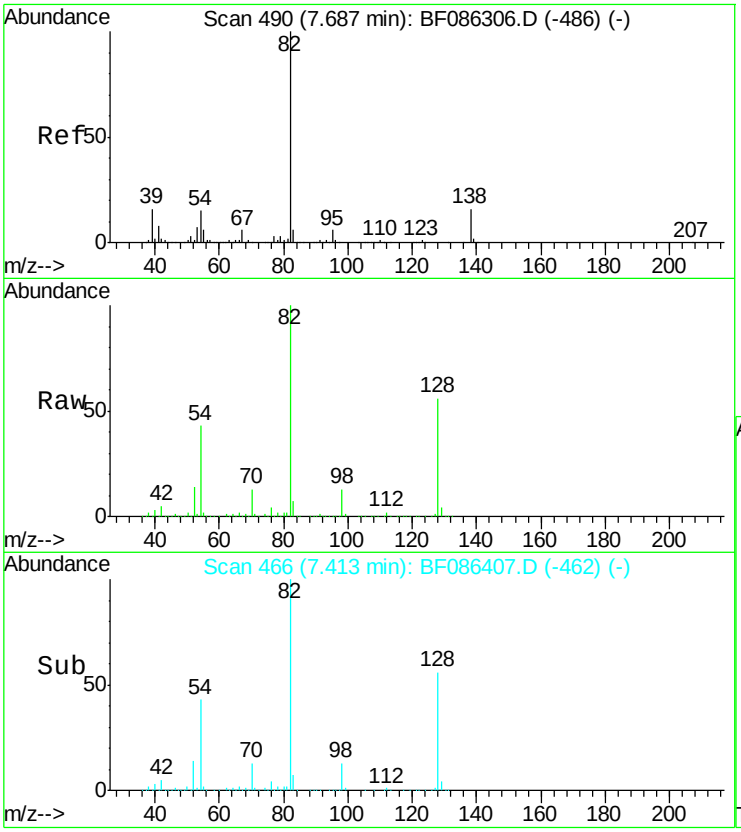


#23
Nitrobenzene-d5
Concen: 69.98 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion: 82 Resp: 765425

Ion	Ratio	Lower	Upper
82	100		
128	55.6	40.6	61.0
54	42.6	38.1	57.1



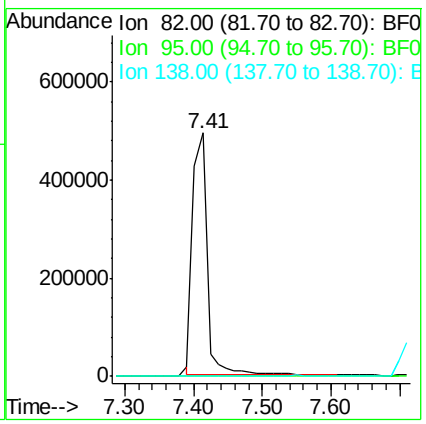


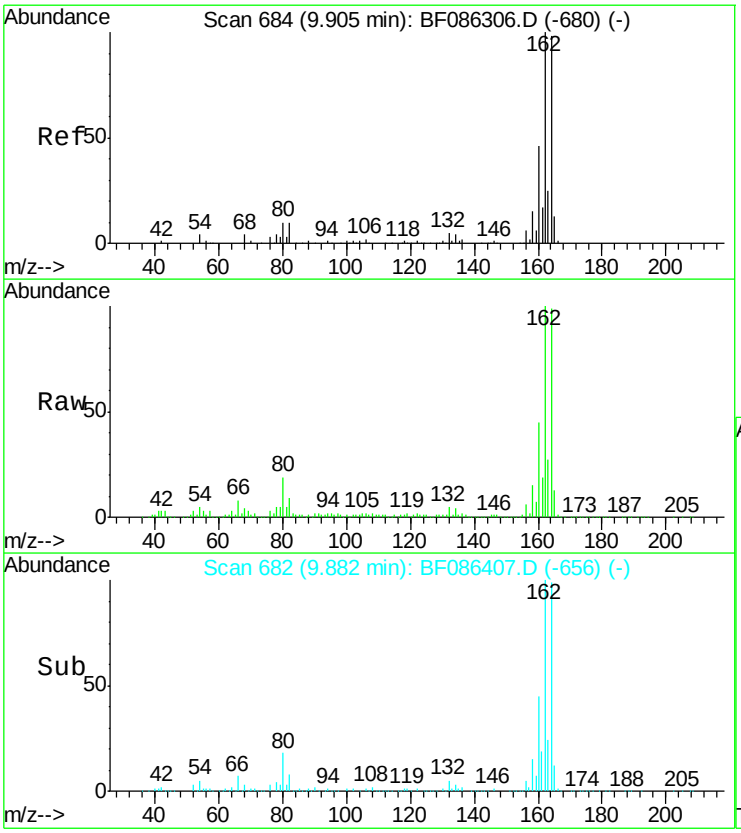
#25
Isophorone
Concen: 33.07 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.25 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion: 82 Resp: 708944

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.4	18.6#

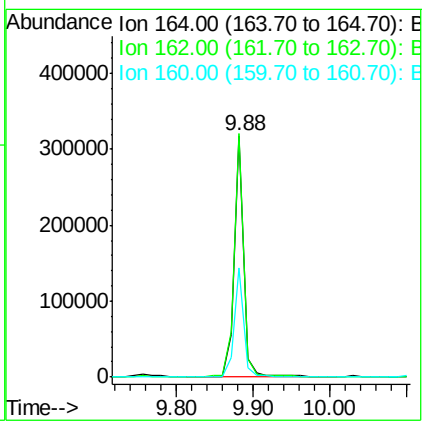


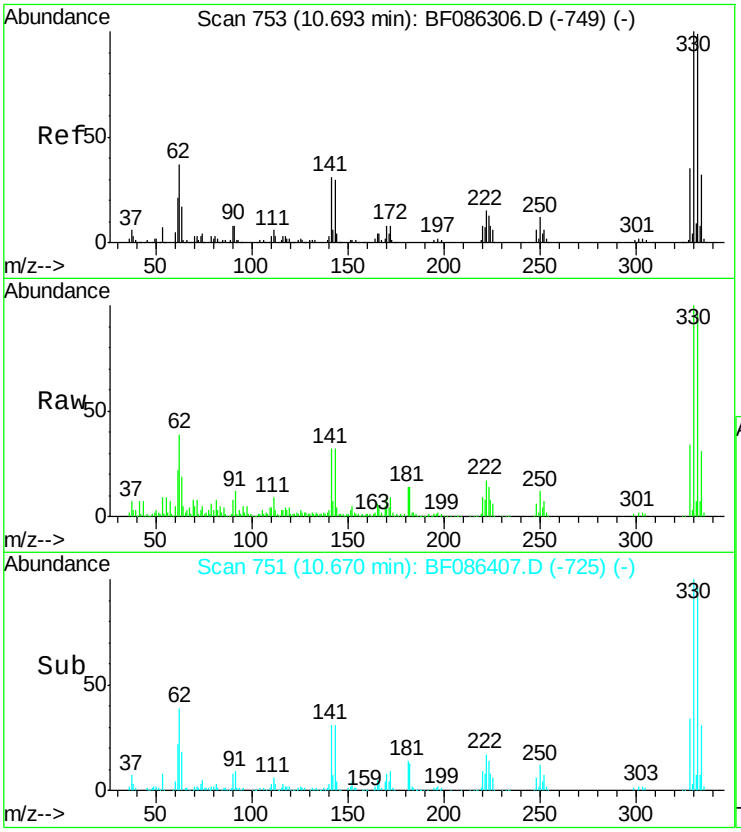


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:164 Resp: 282050

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.8	124.2
160	45.1	36.9	55.3



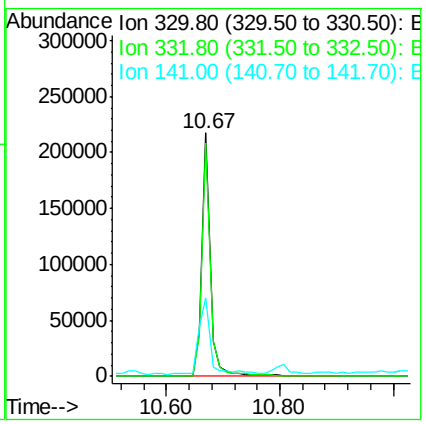


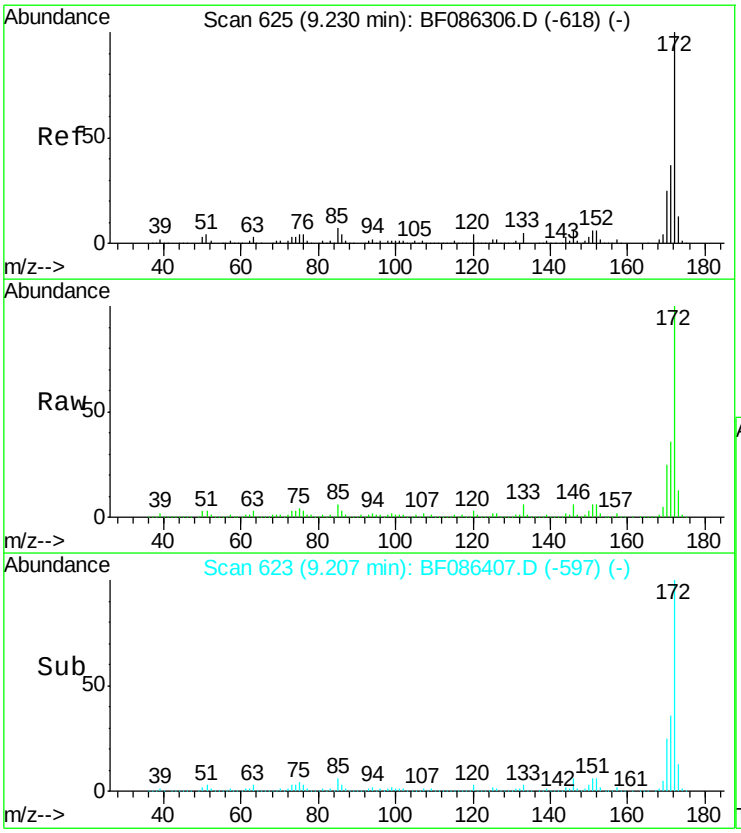
#41
2,4,6-Tribromophenol
Concen: 85.77 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:330 Resp: 218987

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	41.5	31.2	46.8

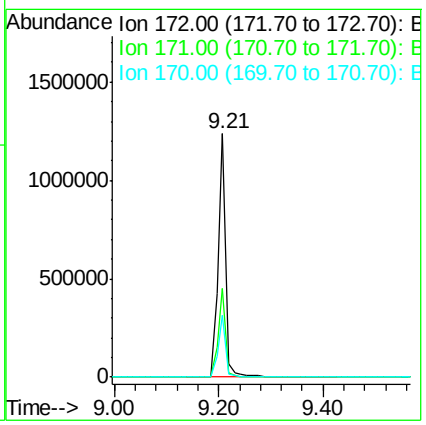


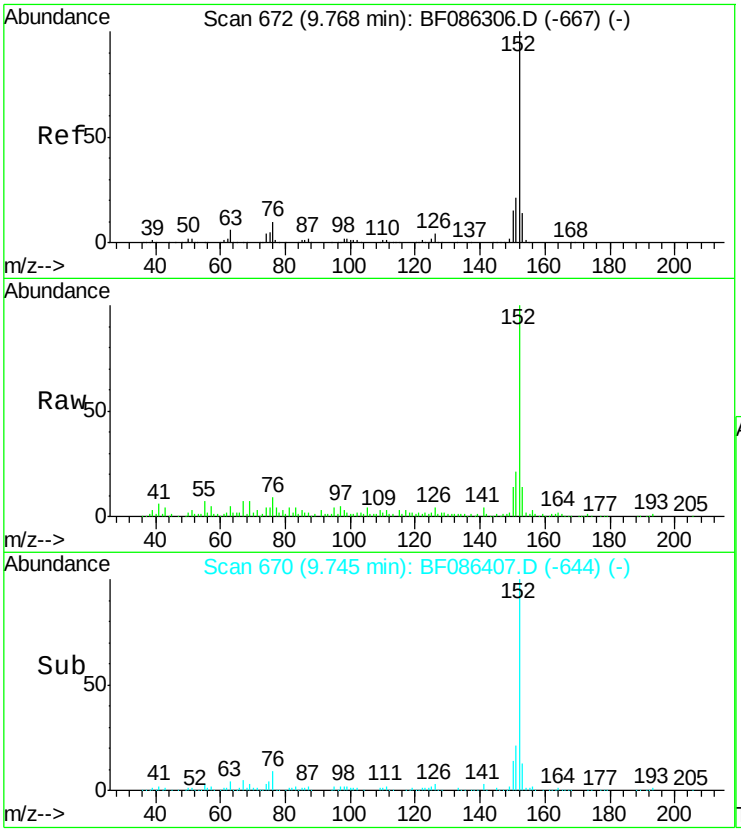


#44
2-Fluorobiphenyl
Concen: 76.17 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:172 Resp: 1259023

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	25.2	19.8	29.8



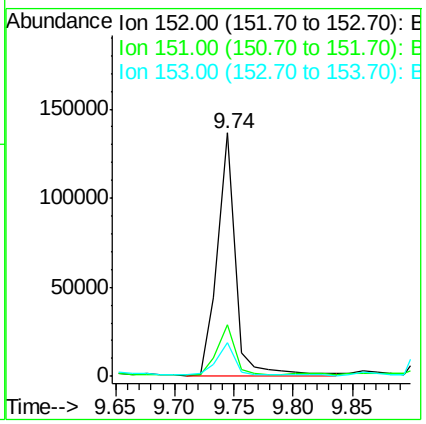


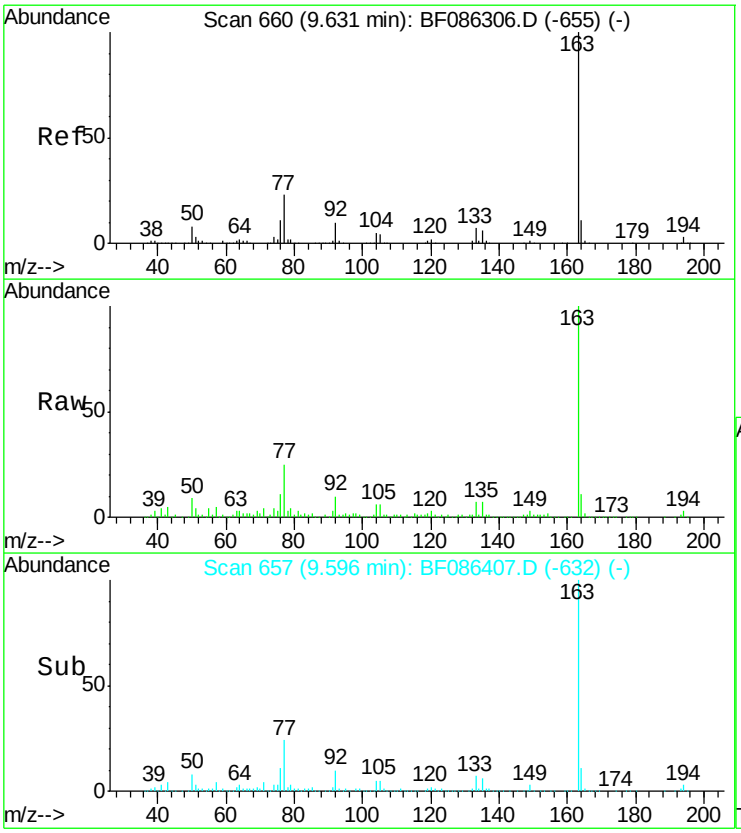
#48
Acenaphthylene
Concen: 5.09 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:152 Resp: 142959

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.6	10.9	16.3

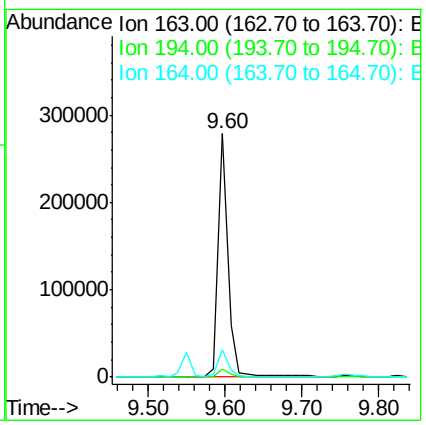


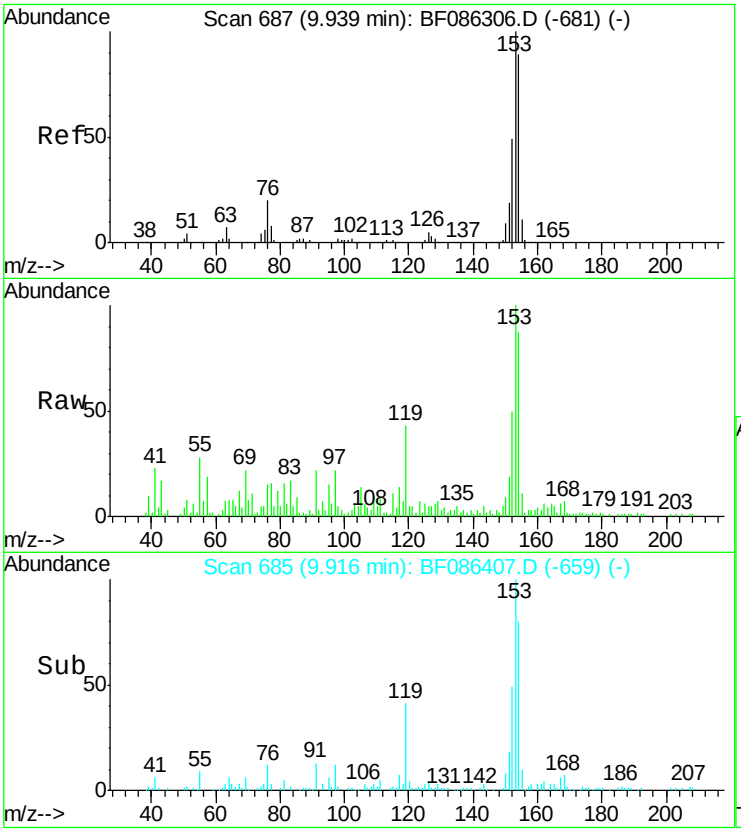


#49
Dimethylphthalate
Concen: 12.14 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:163 Resp: 247394

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	11.4	8.2	12.4



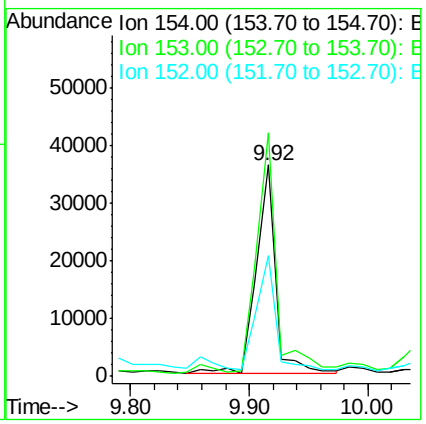


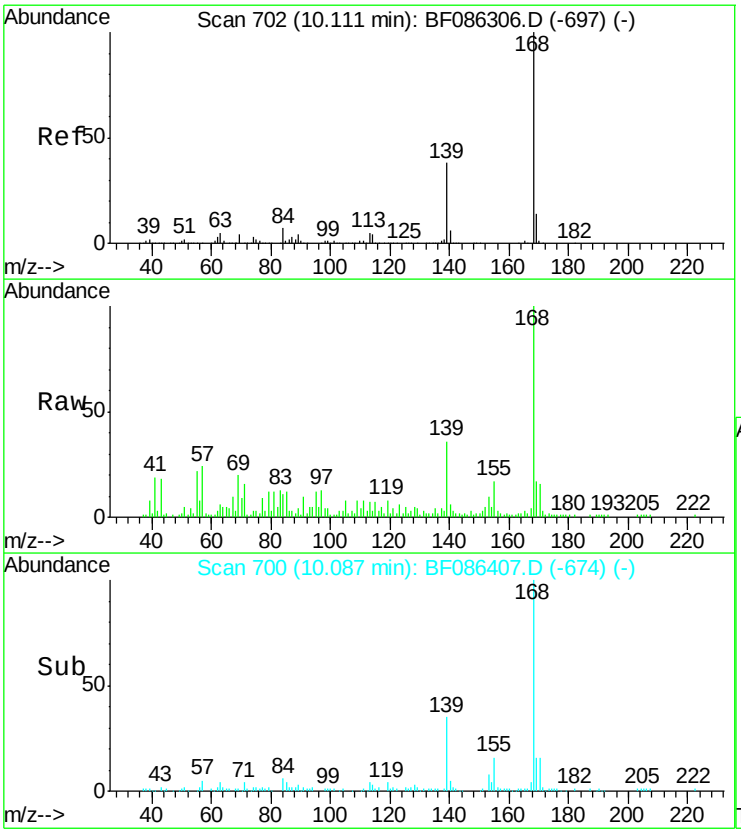
#51
Acenaphthene
Concen: 2.39 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:154 Resp: 41270

Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.8	134.6
152	57.2	43.4	65.0

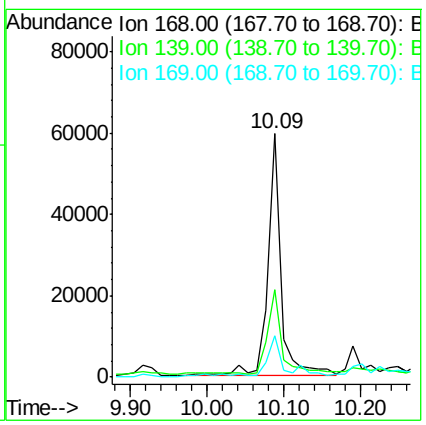


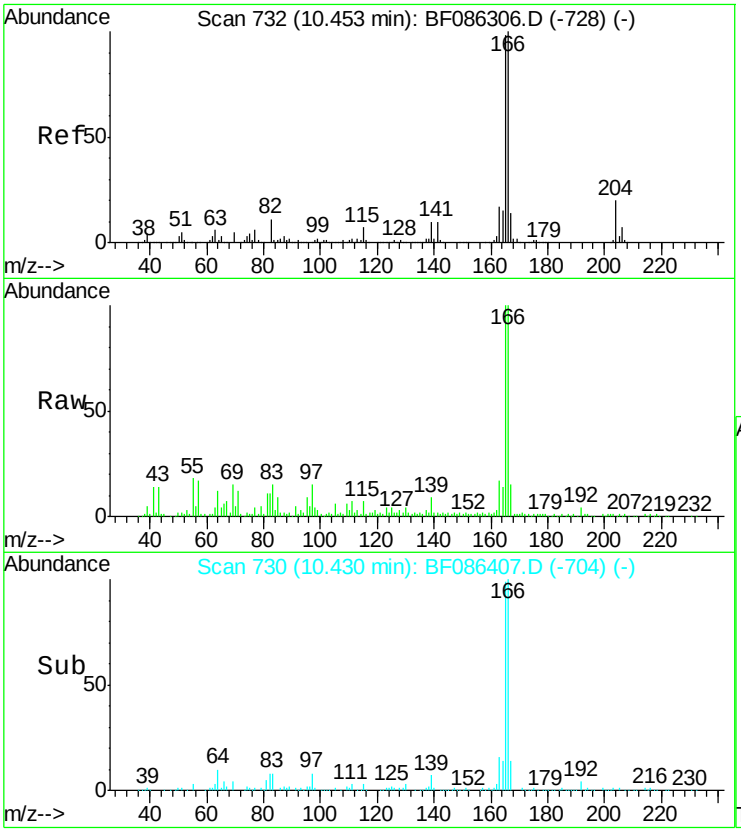


#54
Dibenzofuran
Concen: 3.11 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:168 Resp: 68840

Ion	Ratio	Lower	Upper
168	100		
139	36.0	31.4	47.0
169	17.2	10.7	16.1#



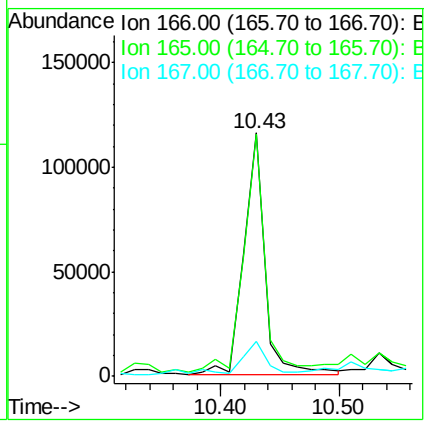


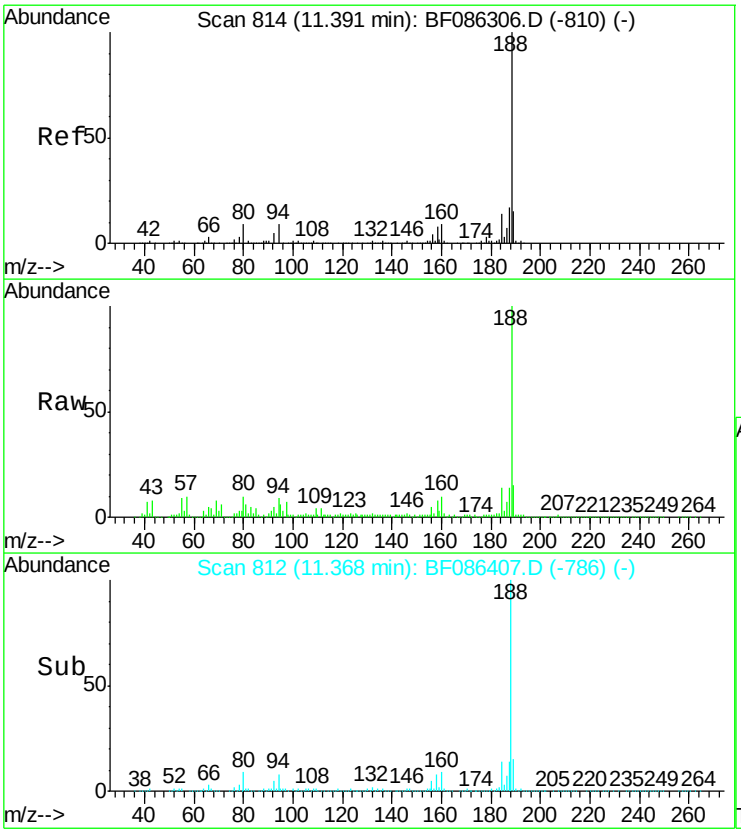
#57
Fluorene
Concen: 7.90 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:166 Resp: 143384

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.6
167	14.6	10.6	15.8

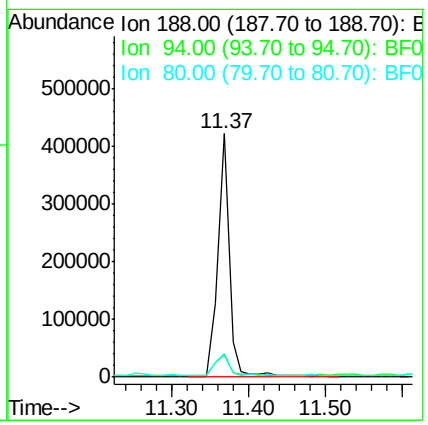


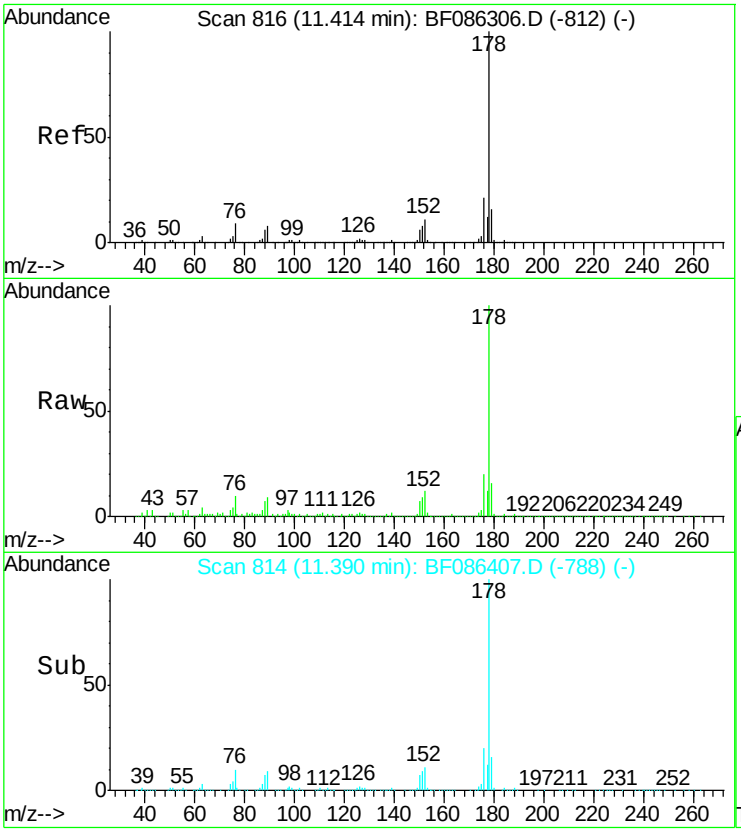


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:188 Resp: 443980

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.8	10.2
80	9.5	7.1	10.7



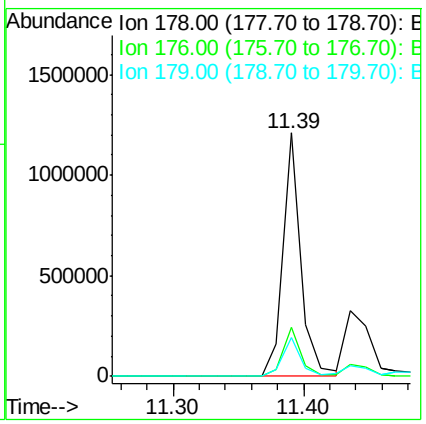


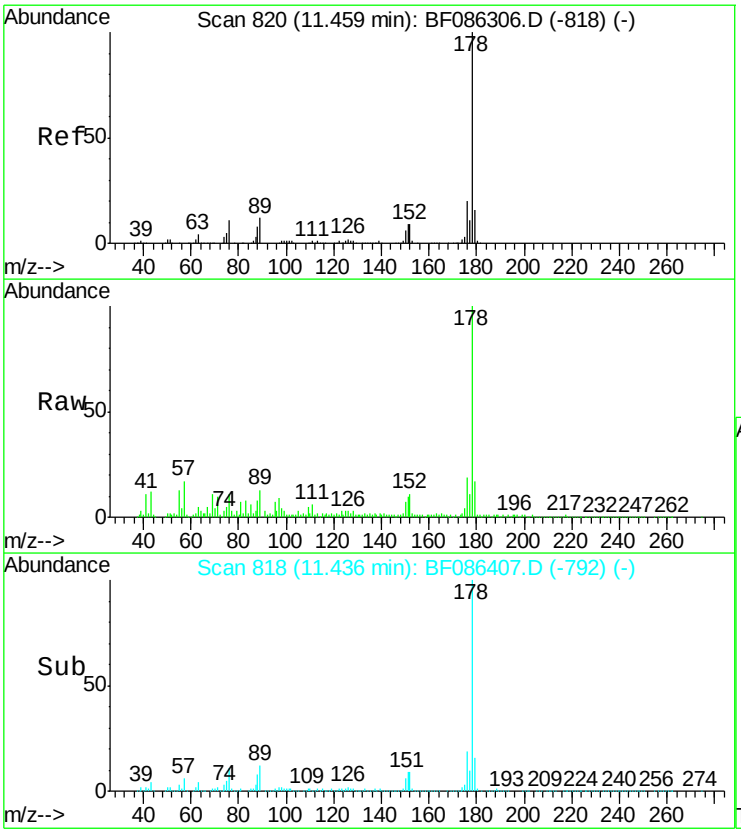
#70
Phenanthrene
Concen: 52.15 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:178 Resp: 1163433

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.2	12.6	18.8

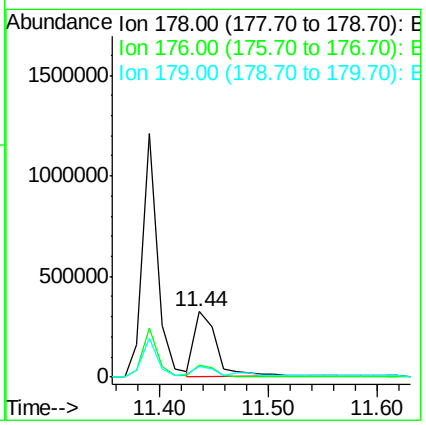


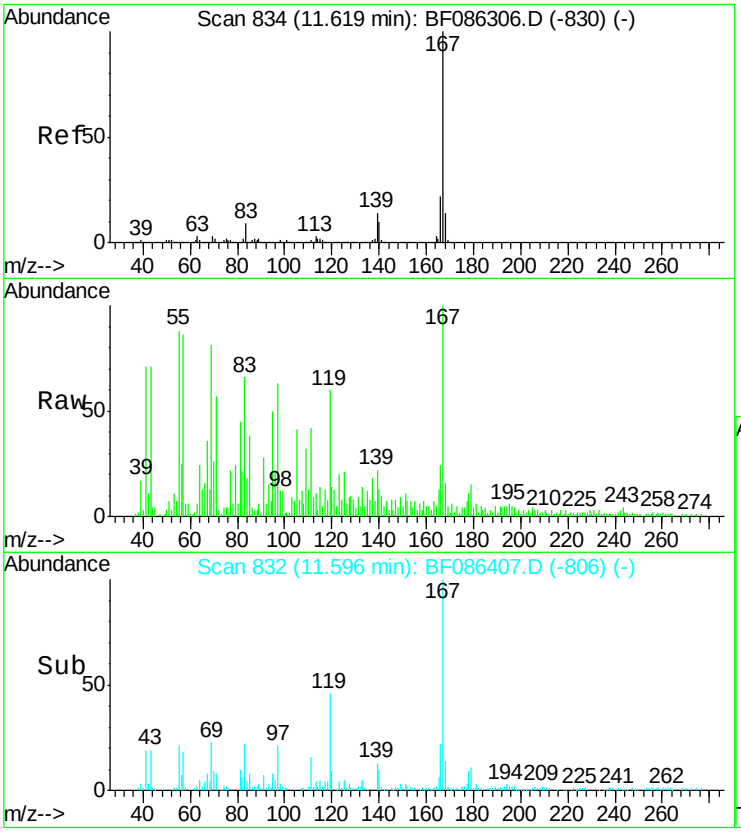


#71
Anthracene
Concen: 17.96 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:178 Resp: 458967

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.6	12.7	19.1



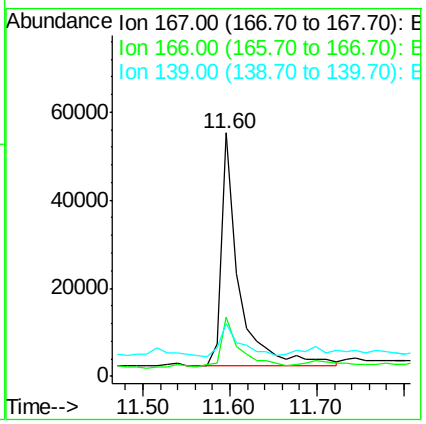


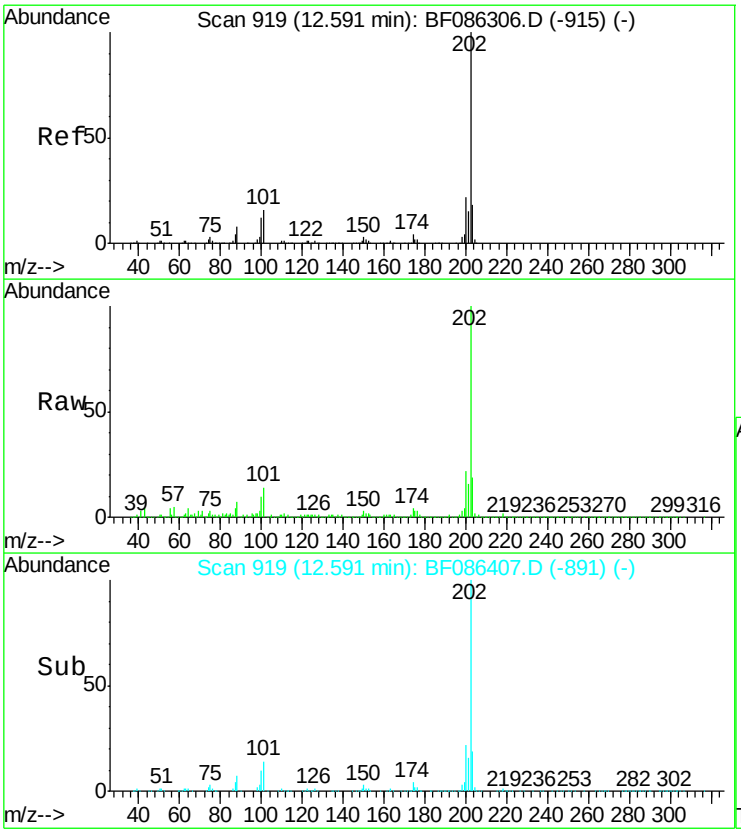
#72
Carbazole
Concen: 3.12 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:167 Resp: 74872

Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.7	26.5
139	21.9	10.8	16.2#

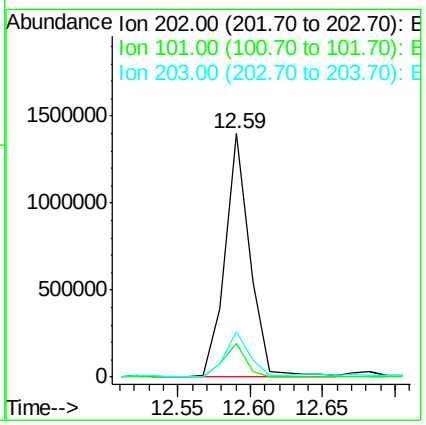


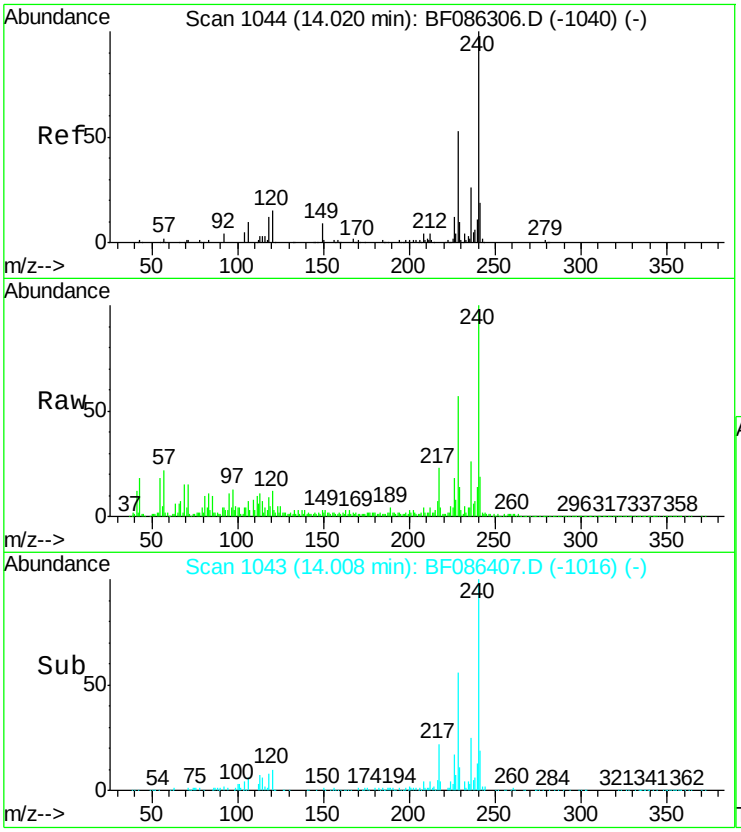


#74
Fluoranthene
Concen: 69.04 ng
RT: 12.59 min Scan# 919
Delta R.T. 0.02 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:202 Resp: 1661039

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	35.4
203	18.8	0.0	38.1



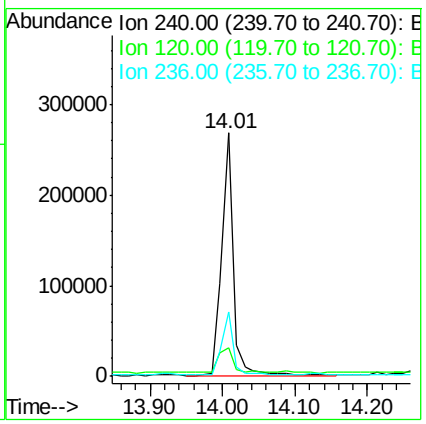


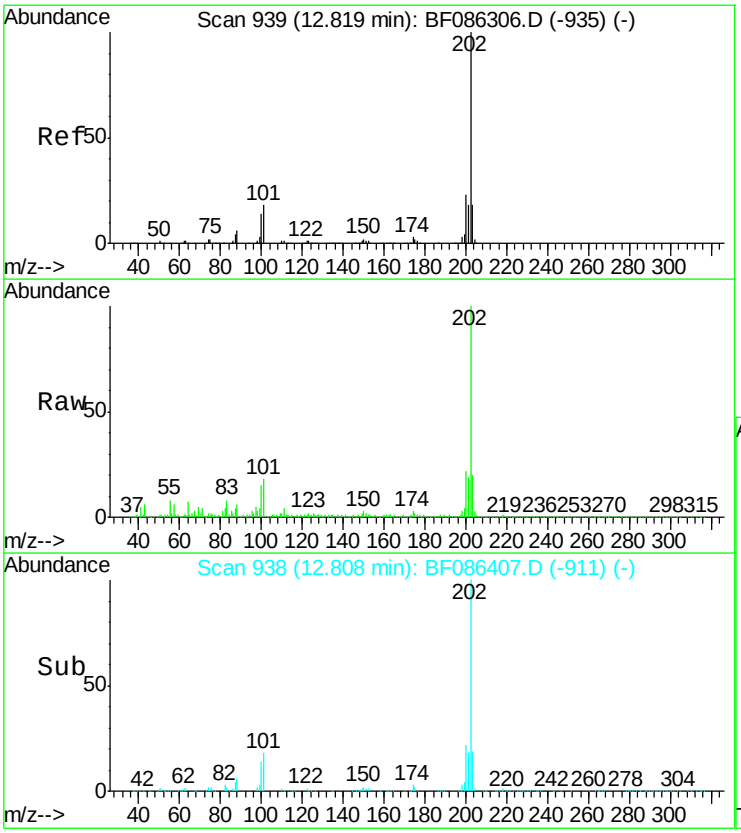
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:240 Resp: 298032

Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.2	16.8
236	26.2	21.2	31.8

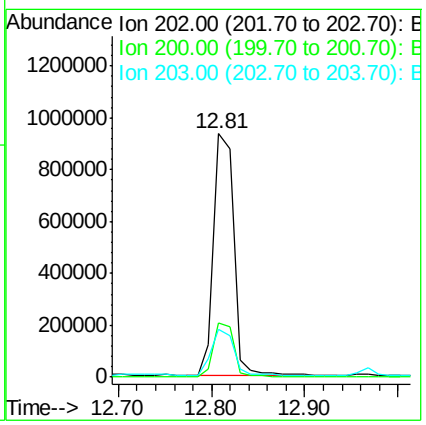


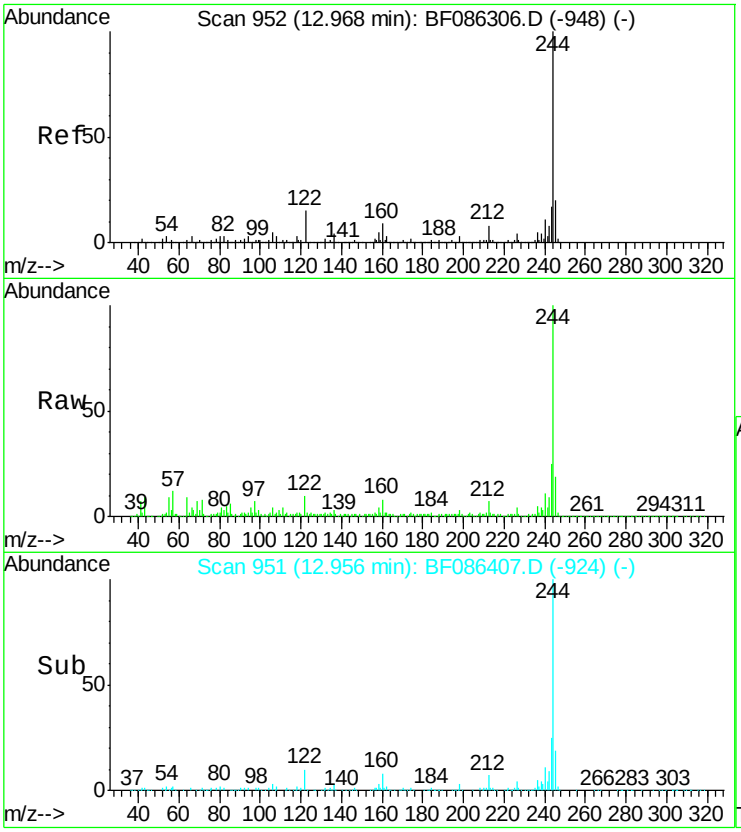


#77
Pyrene
Concen: 67.62 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:202 Resp: 1405503

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	19.7	14.2	21.4



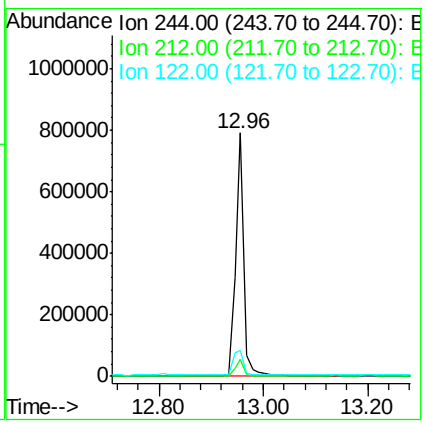


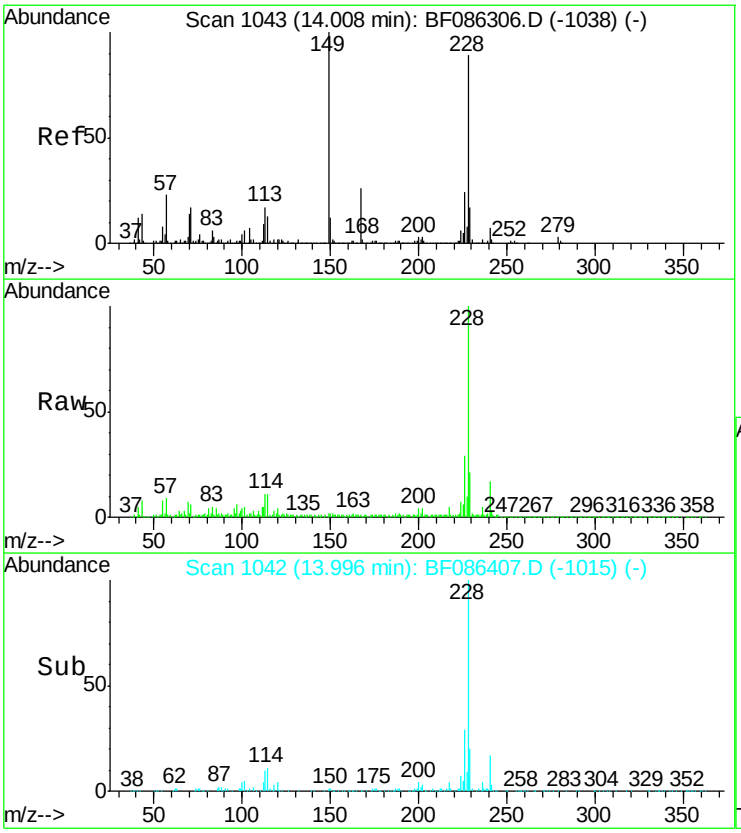
#78
Terphenyl-d14
Concen: 71.70 ng
RT: 12.96 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:244 Resp: 860017

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	10.5	12.0	18.0#

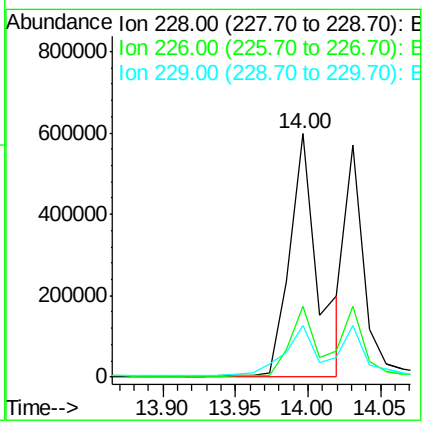


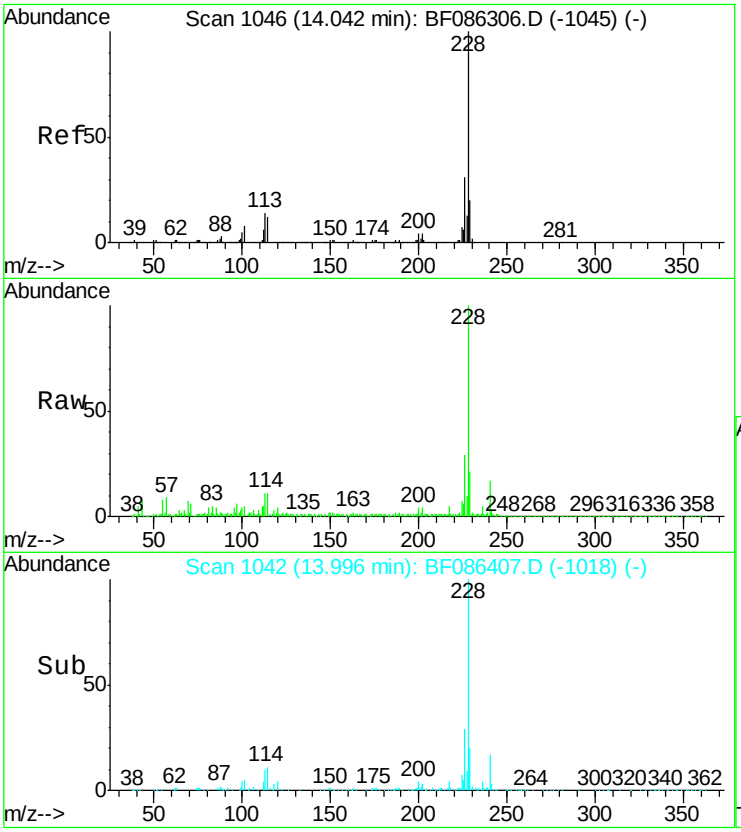


#80
Benzo(a)anthracene
Concen: 52.91 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:228 Resp: 818614

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.0	16.6	25.0



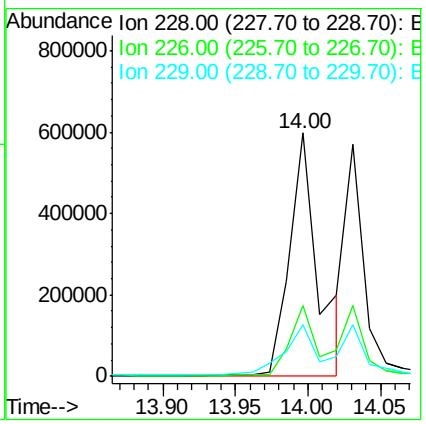


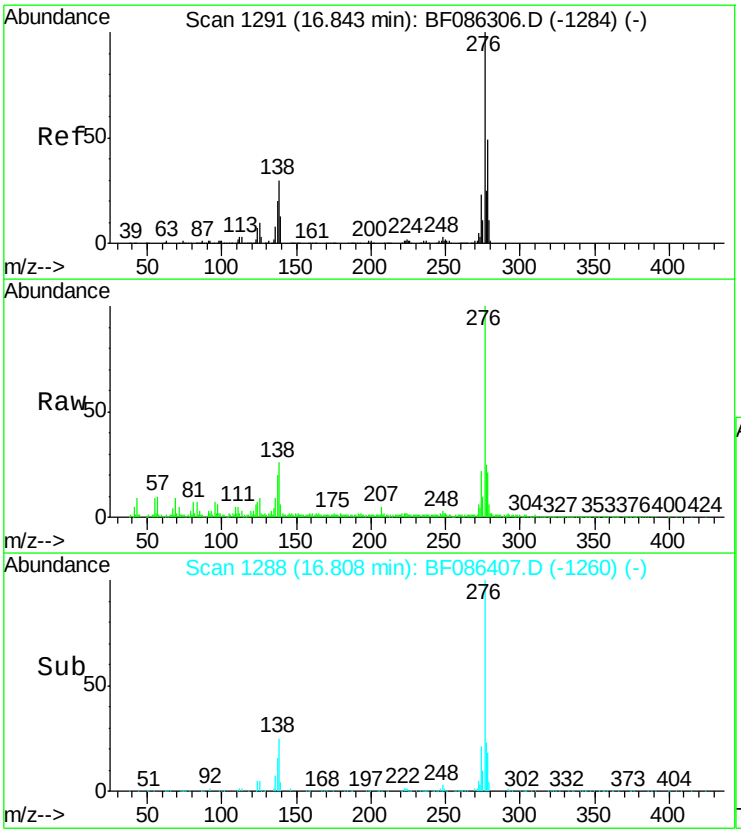
#82
Chrysene
Concen: 46.96 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:228 Resp: 818614

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.4	36.6
229	21.0	15.8	23.8

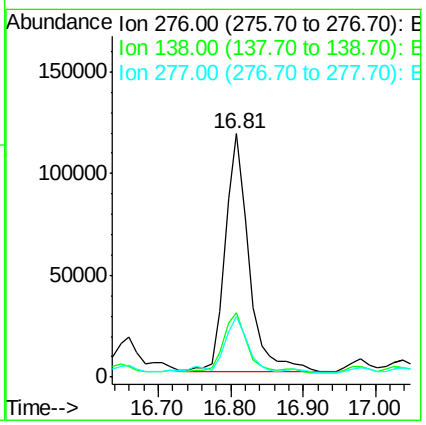


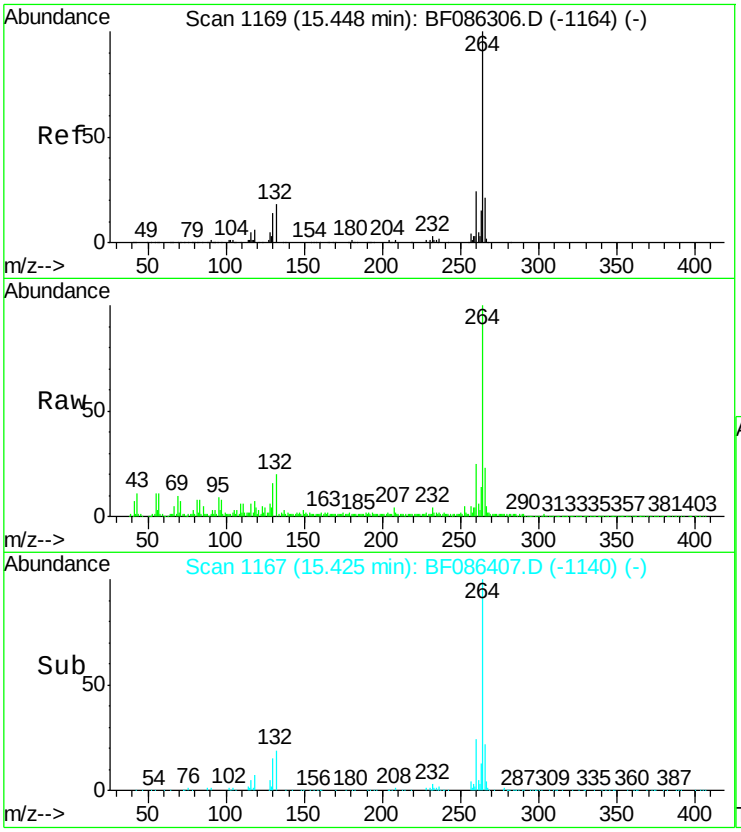


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.10 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:276 Resp: 264978

Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.6	38.4#
277	23.5	20.5	30.7



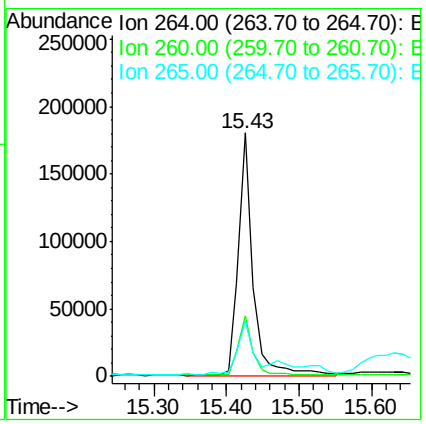


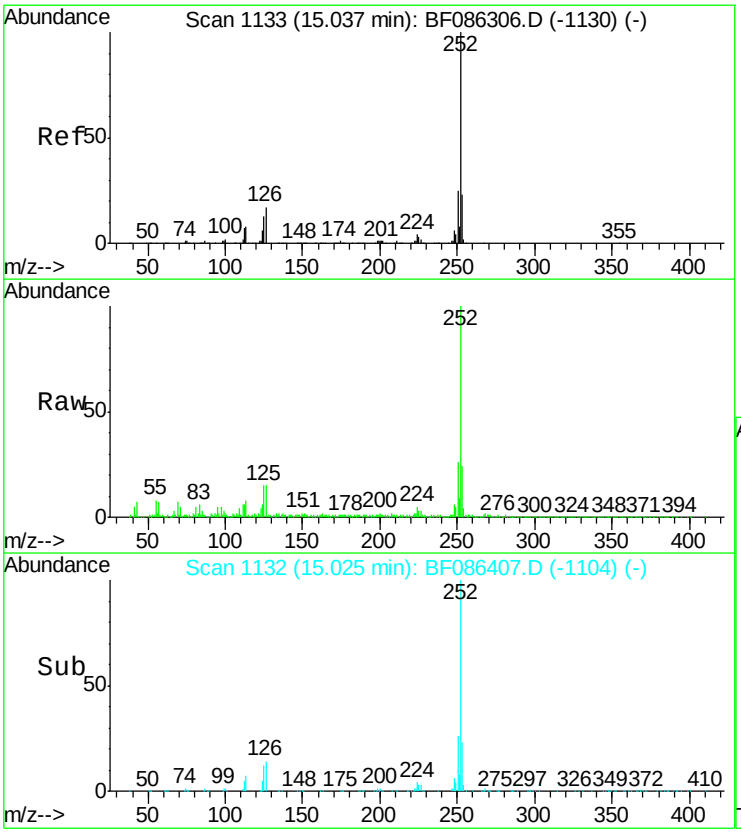
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:264 Resp: 250228

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.9	17.3	25.9

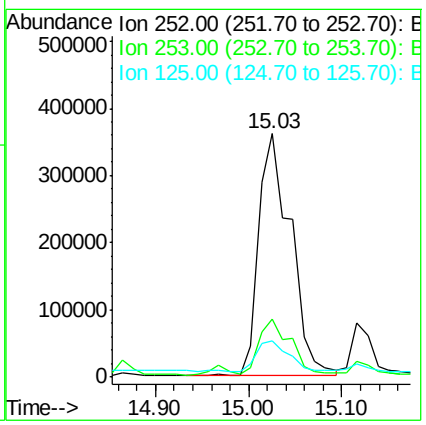


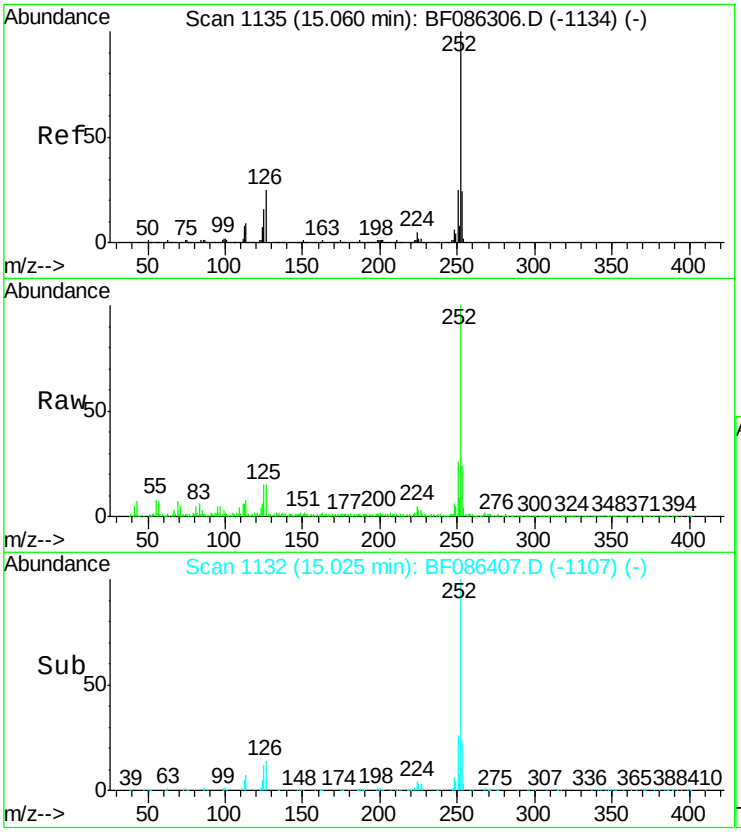


#87
Benzo(b)fluoranthene
Concen: 62.88 ng
RT: 15.03 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:252 Resp: 863692

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	14.9	11.4	17.0



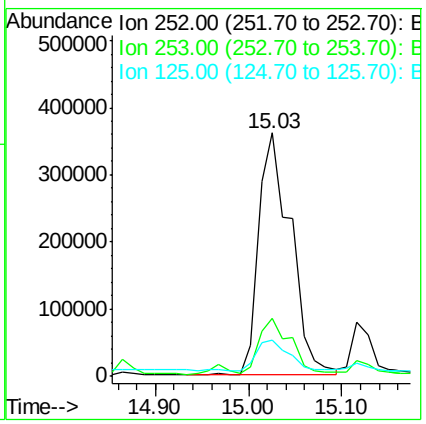


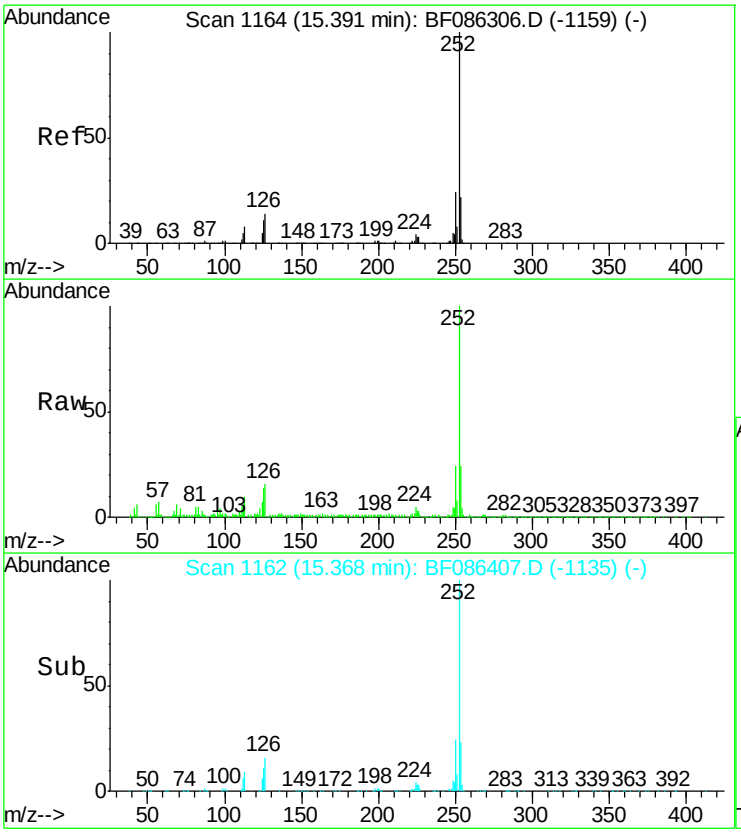
#88
Benzo(k)fluoranthene
Concen: 64.07 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:252 Resp: 863692

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	14.9	9.1	13.7#

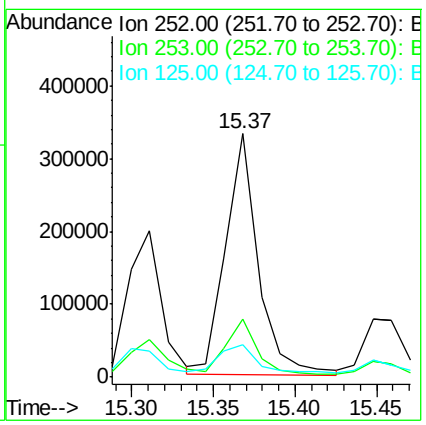


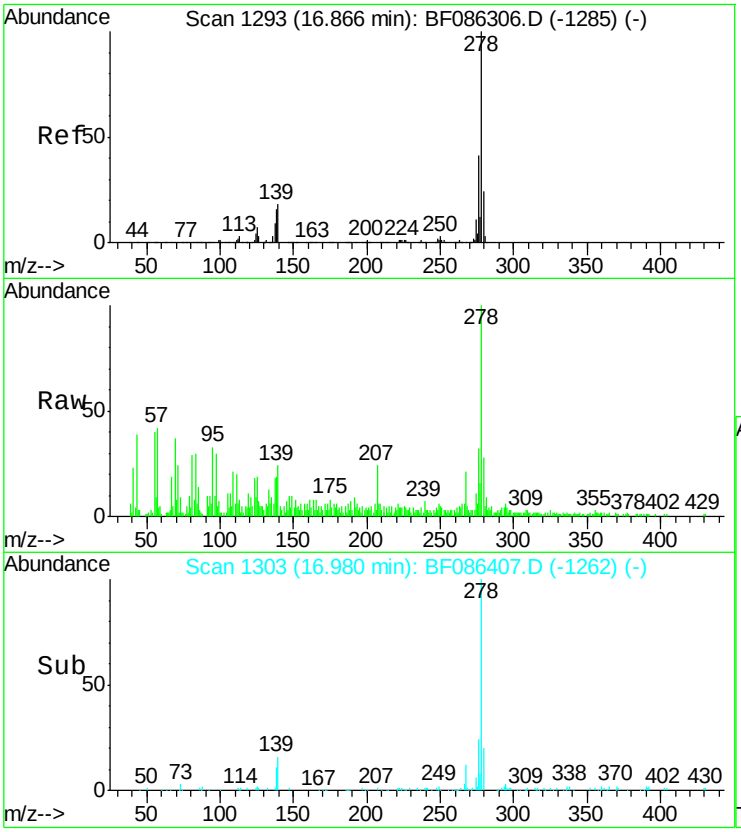


#89
Benzo(a)pyrene
Concen: 33.79 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:252 Resp: 457826

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	13.5	9.0	13.6



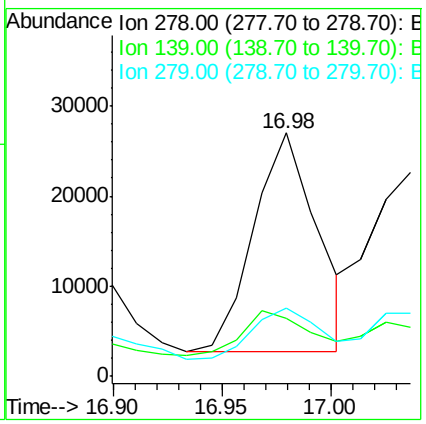


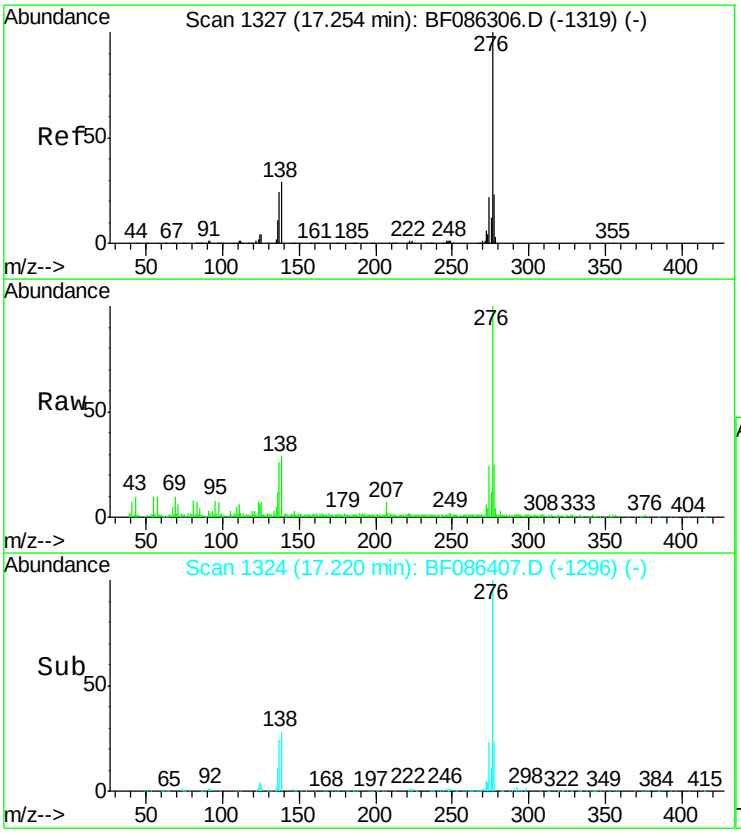
#90
Dibenzo(a,h)anthracene
Concen: 4.47 ng
RT: 16.98 min Scan# 1303
Delta R.T. 0.17 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Instrument :
BNA_F
ClientSampleId :
WPG-B15(0-5)-C

Tgt Ion:278 Resp: 49964

Ion	Ratio	Lower	Upper
278	100		
139	23.9	16.6	24.8
279	28.1	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 19.97 ng
RT: 17.22 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF086407.D
Acq: 23 Apr 2016 23:16

Tgt Ion:276 Resp: 230469

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	29.2	23.6	35.4