Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086655.D
Acq On : 3 May 2016 20:16
Operator : UM/SJ
Sample : H2685-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-1B-CS-3(16-32FTBGS)

Quant Time: May 04 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180385	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	732161	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	301327	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	435222	20.00	ng		-0.06
75) Chrysene-d12	13.90	240	383482	20.00	ng		-0.06
86) Perylene-d12	15.30	264	311724	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1614790	154.41	ng		-0.03
7) Phenol-d6	6.41	99	2240751	153.52	ng		-0.03
23) Nitrobenzene-d5	7.32	82	1215984	89.52	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	325733	102.51	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	1671474	100.92	ng		-0.06
78) Terphenyl-d14	12.85	244	1034864	59.45	ng		-0.06
Target Compounds							Qvalue
15) Benzyl Alcohol	6.91	79	22787	2.47	ng	#	40
19) n-Nitroso-di-n-propylamine	7.32	70	167907	17.40	ng	#	73
25) Isophorone	7.32	82	960109	36.73	ng	#	68
49) Dimethylphthalate	9.52	163	339604	14.97	ng		99
56) 2,4-Dinitrotoluene	9.79	165	39298	6.58	ng	#	16
66) 4-Bromophenyl-phenylether	10.58	248	20259	4.52	ng	#	1
70) Phenanthrene	11.29	178	121018	5.30	ng		97
71) Anthracene	11.34	178	59309	2.43	ng		97
74) Fluoranthene	12.48	202	228584	9.91	ng		97
77) Pyrene	12.70	202	233870	8.46	ng		99
80) Benzo(a)anthracene	13.89	228	125108	6.12	ng		99
82) Chrysene	13.89	228	125147	5.63	ng		97
85) Indeno(1,2,3-cd)pyrene	16.61	276	44026	2.67	ng	#	91
87) Benzo(b)fluoranthene	14.91	252	154594	8.43	ng		99
88) Benzo(k)fluoranthene	14.91	252	154594	8.08	ng		98
89) Benzo(a)pyrene	15.24	252	81074	4.68	ng		97
91) Benzo(g,h,i)perylene	17.01	276	40099	2.82	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086655.D
Acq On : 3 May 2016 20:16
Operator : UM/SJ
Sample : H2685-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Quant Time: May 04 02:32:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
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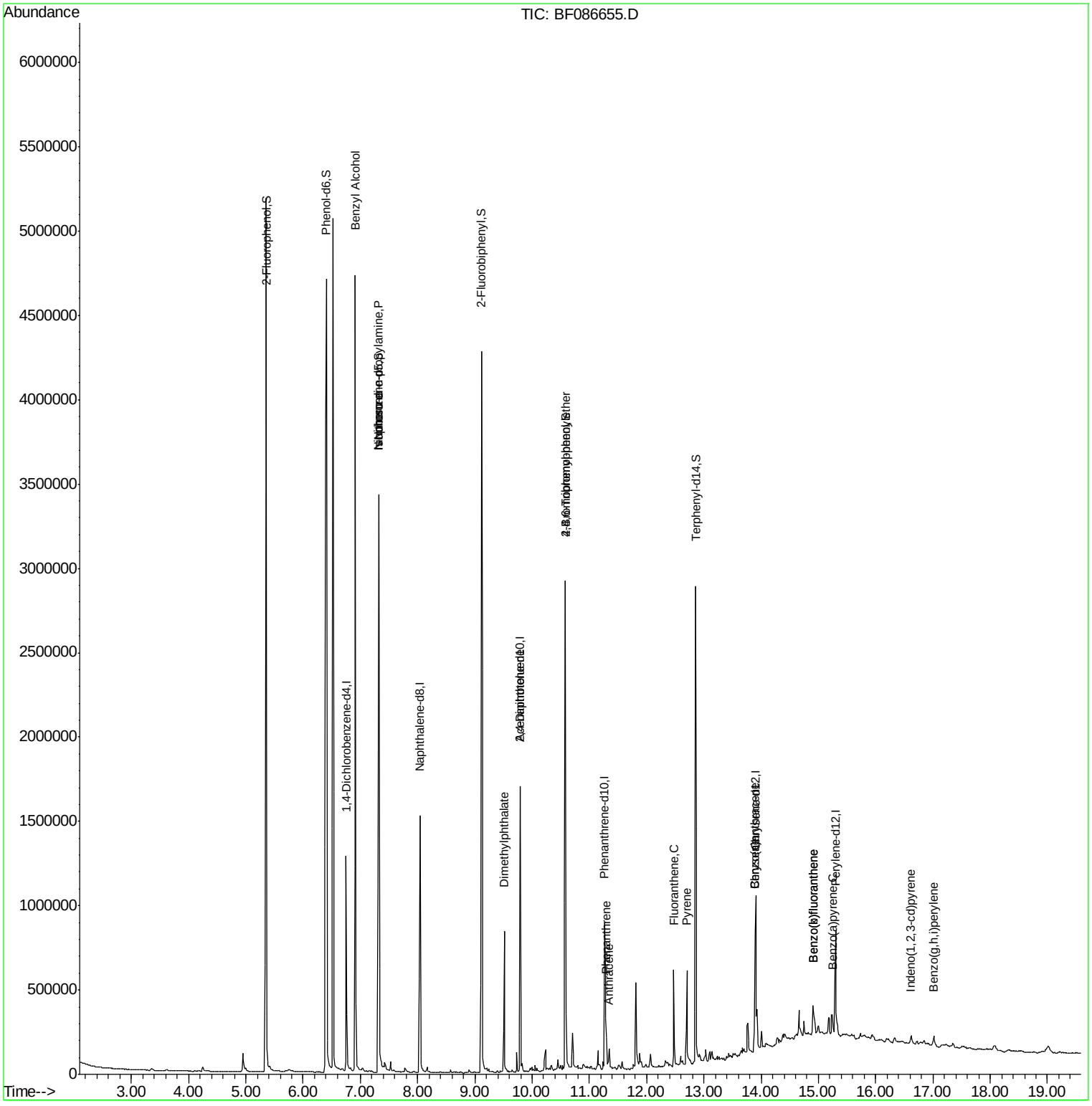
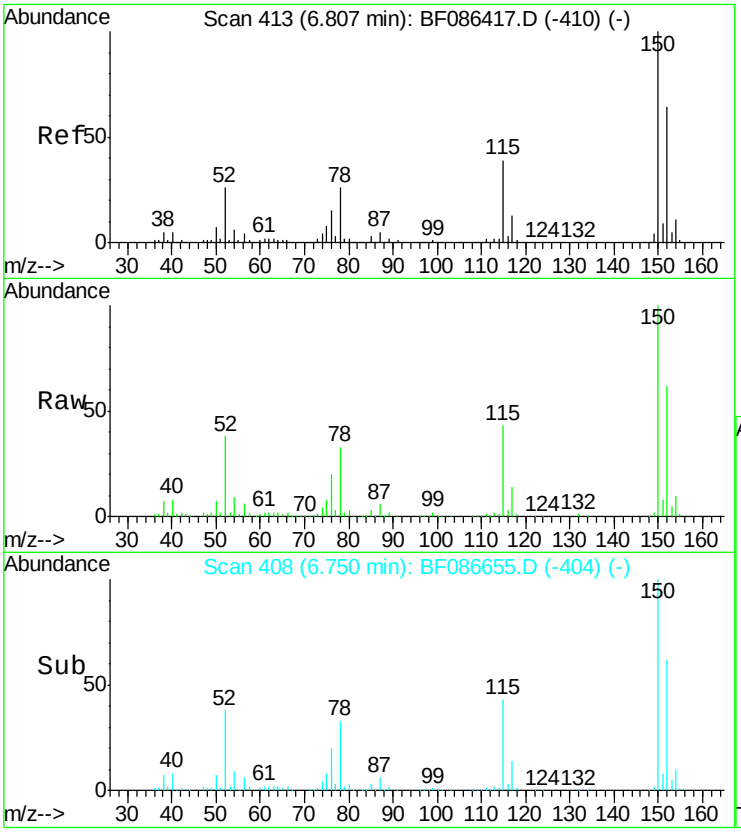


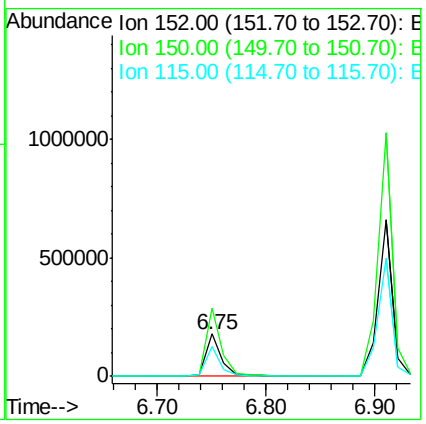


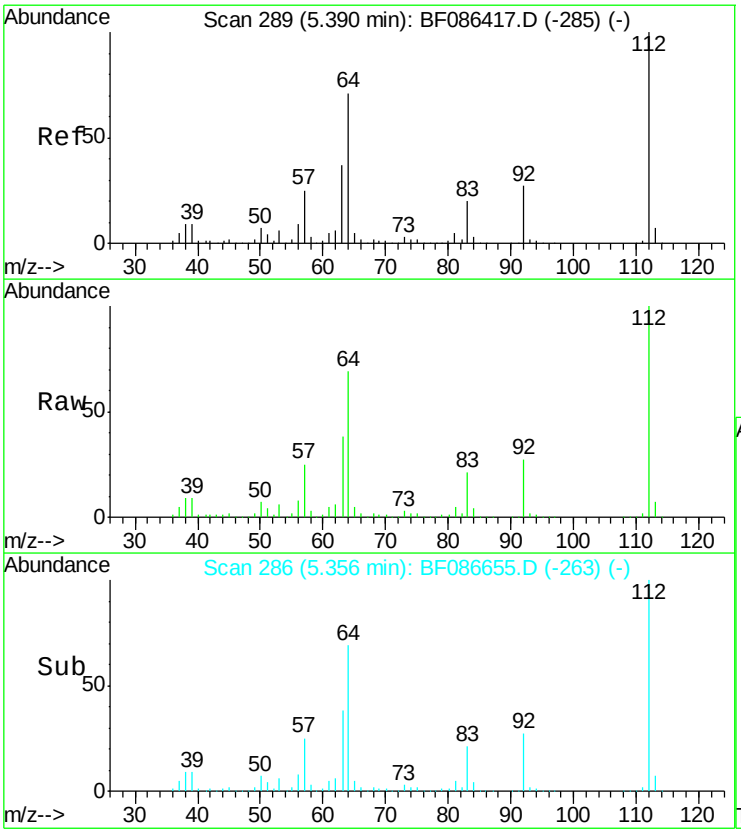
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:152 Resp: 180385

Ion	Ratio	Lower	Upper
152	100		
150	160.5	125.8	188.6
115	69.5	51.5	77.3

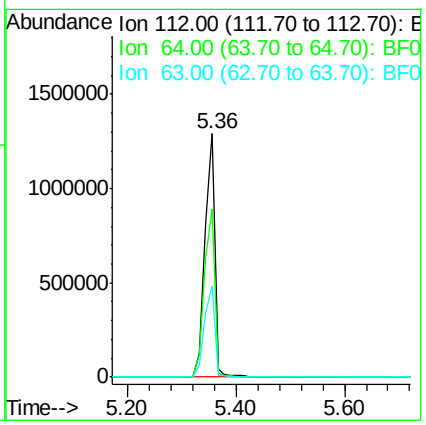


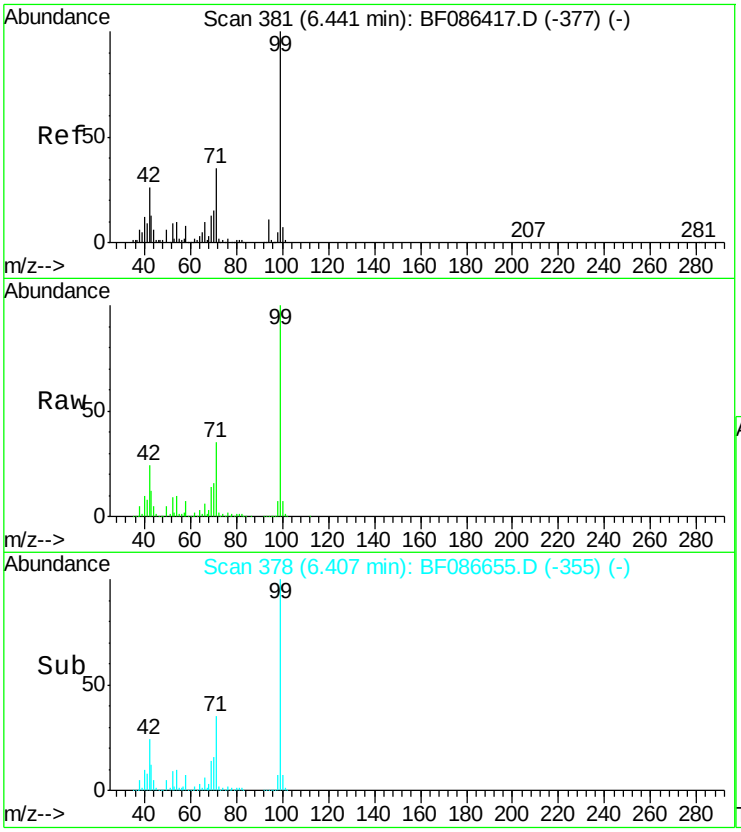


#5
2-Fluorophenol
Concen: 154.41 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:112 Resp: 1614790

Ion	Ratio	Lower	Upper
112	100		
64	69.3	52.1	78.1
63	37.6	25.7	38.5



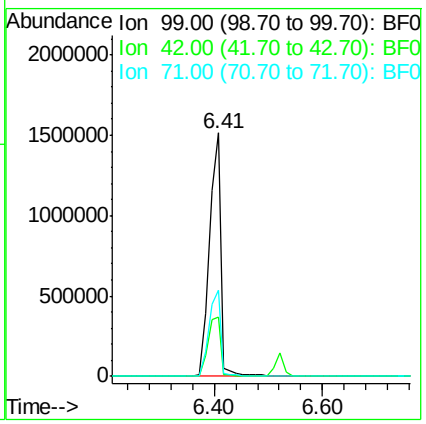


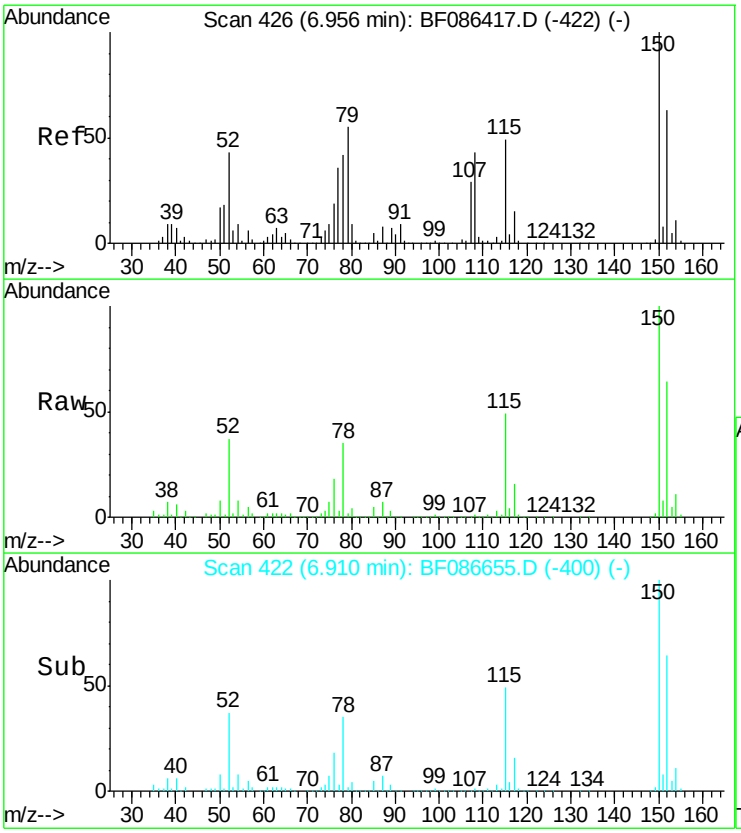
#7
Phenol-d6
Concen: 153.52 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion: 99 Resp: 2240751

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.6	20.4#
71	35.5	24.6	36.8

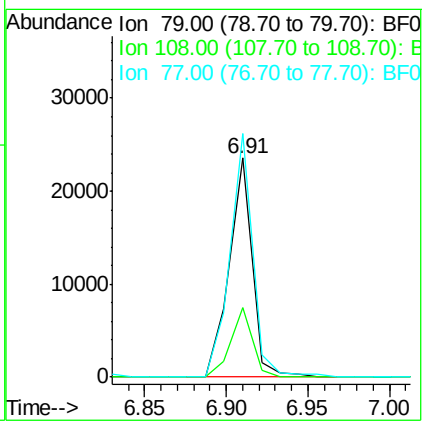


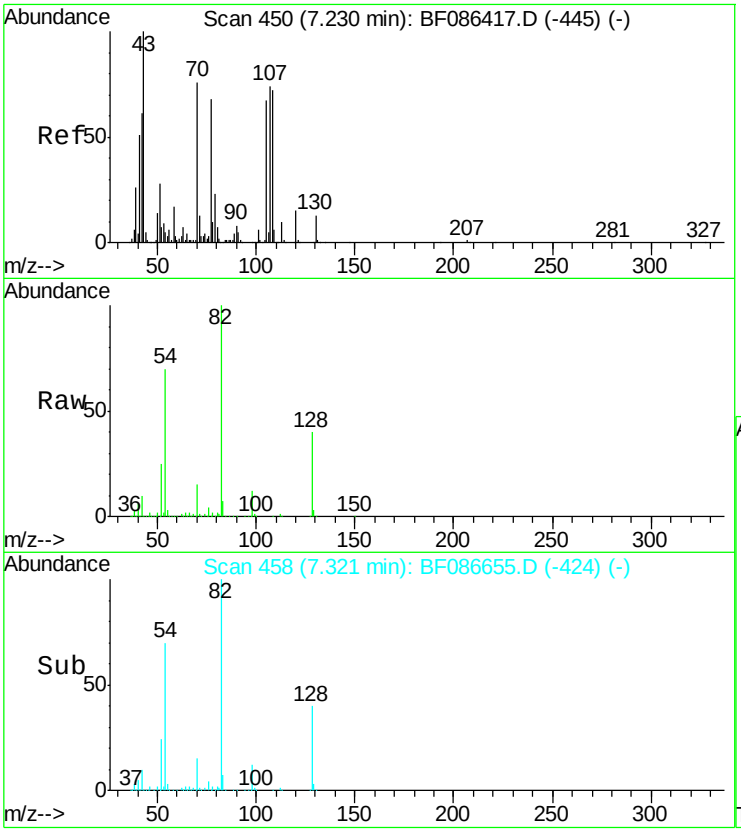


#15
Benzyl Alcohol
Concen: 2.47 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion: 79 Resp: 22787

Ion	Ratio	Lower	Upper
79	100		
108	31.5	68.4	102.6#
77	111.1	50.6	76.0#



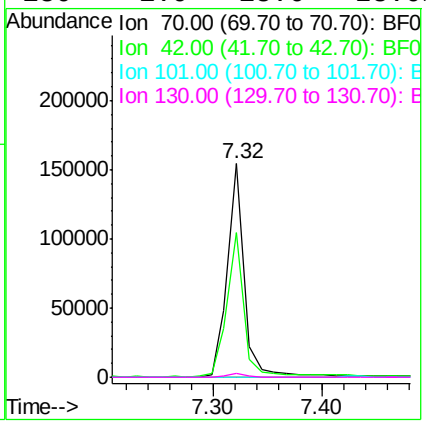


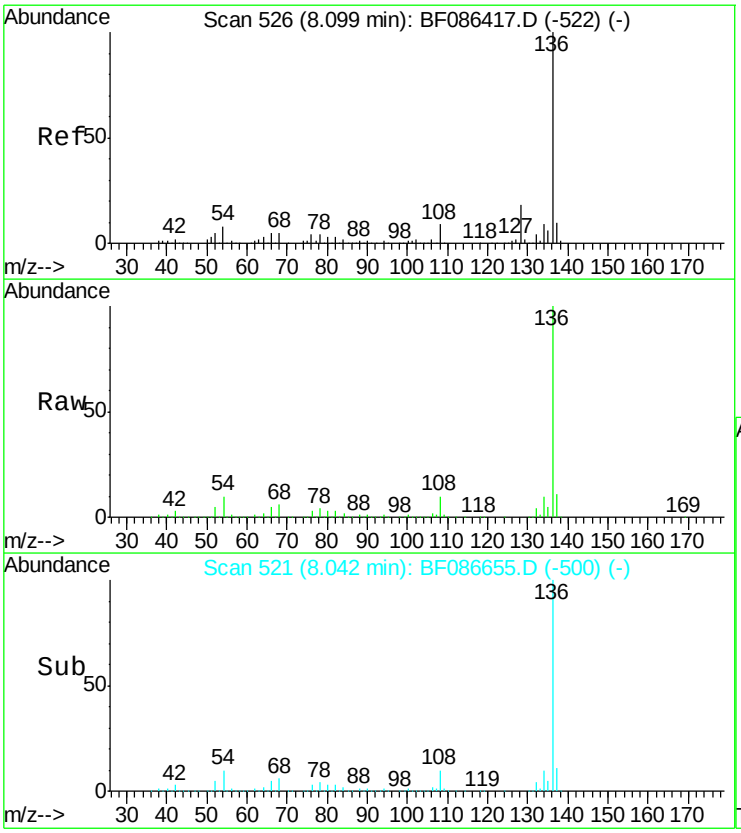
#19
n-Nitroso-di-n-propylamine
Concen: 17.40 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion: 70 Resp: 167907

Ion	Ratio	Lower	Upper
70	100		
42	67.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#

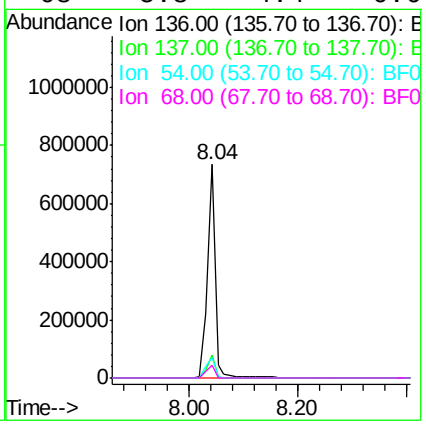


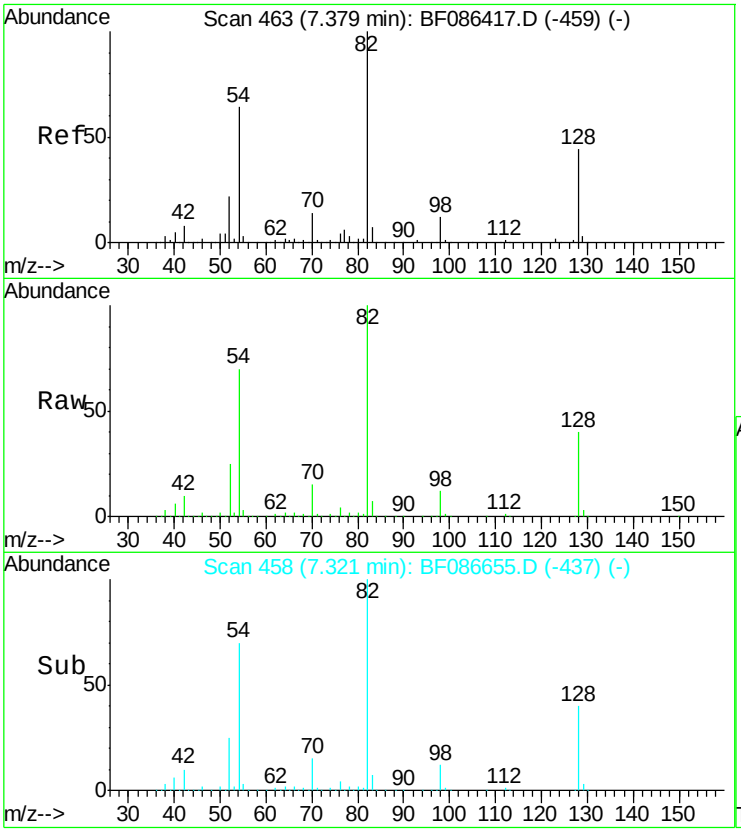


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:136 Resp: 732161

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.7	5.0	7.4#
68	5.8	4.4	6.6



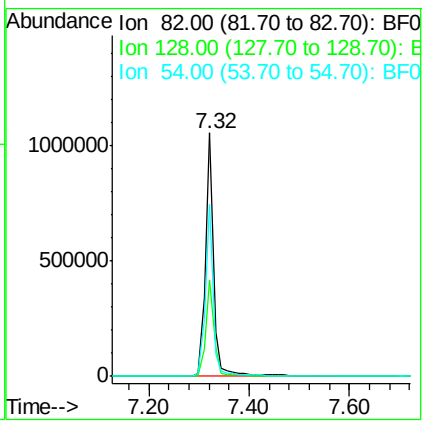


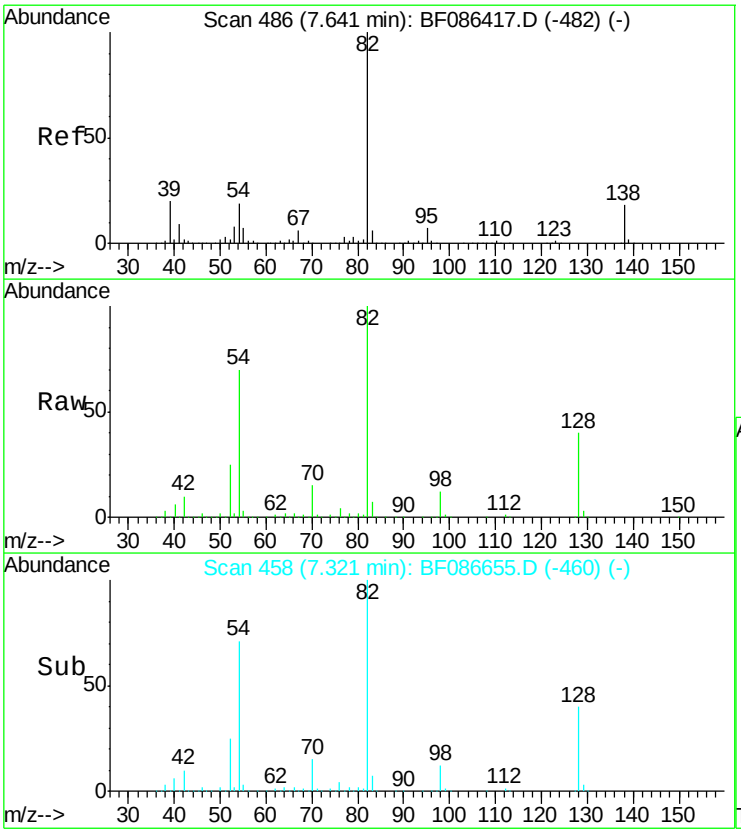
#23
Nitrobenzene-d5
Concen: 89.52 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion: 82 Resp: 1215984

Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.6	61.0#
54	70.5	38.1	57.1#

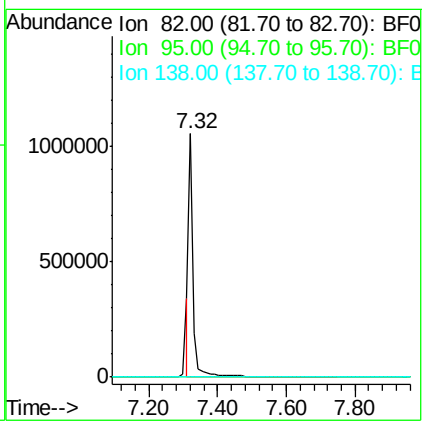


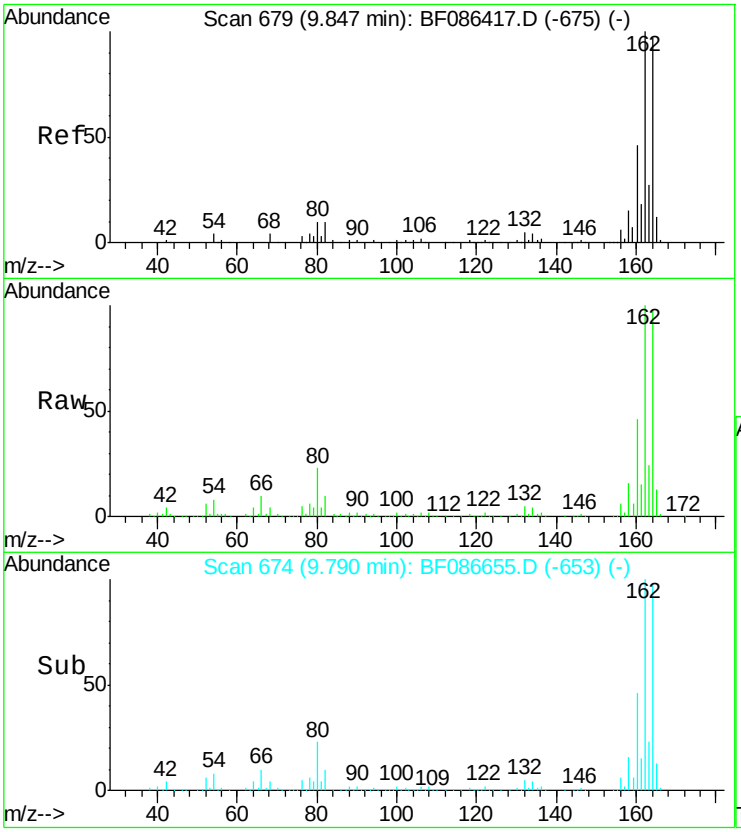


#25
Isophorone
Concen: 36.73 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion: 82 Resp: 960109

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



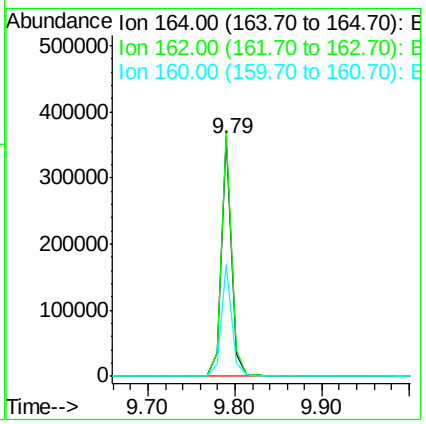


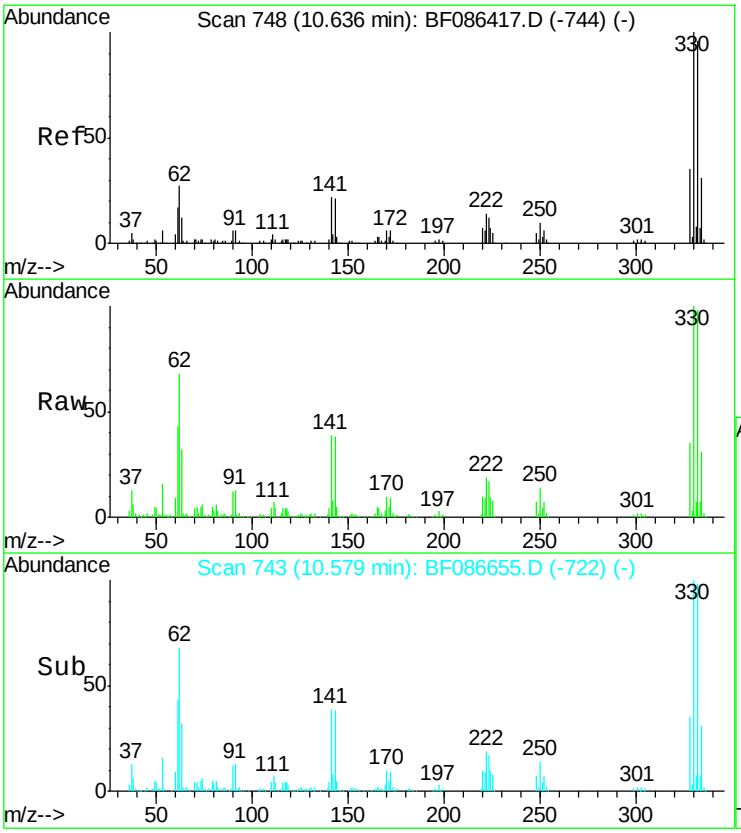
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:164 Resp: 301327

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.8	36.9	55.3

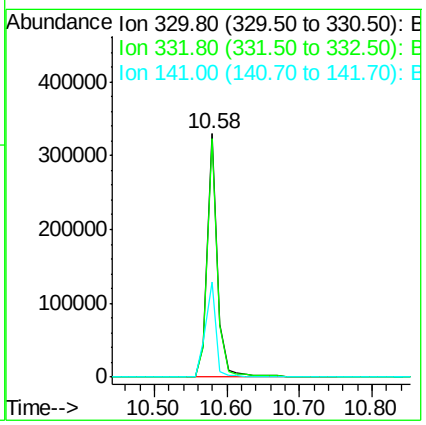


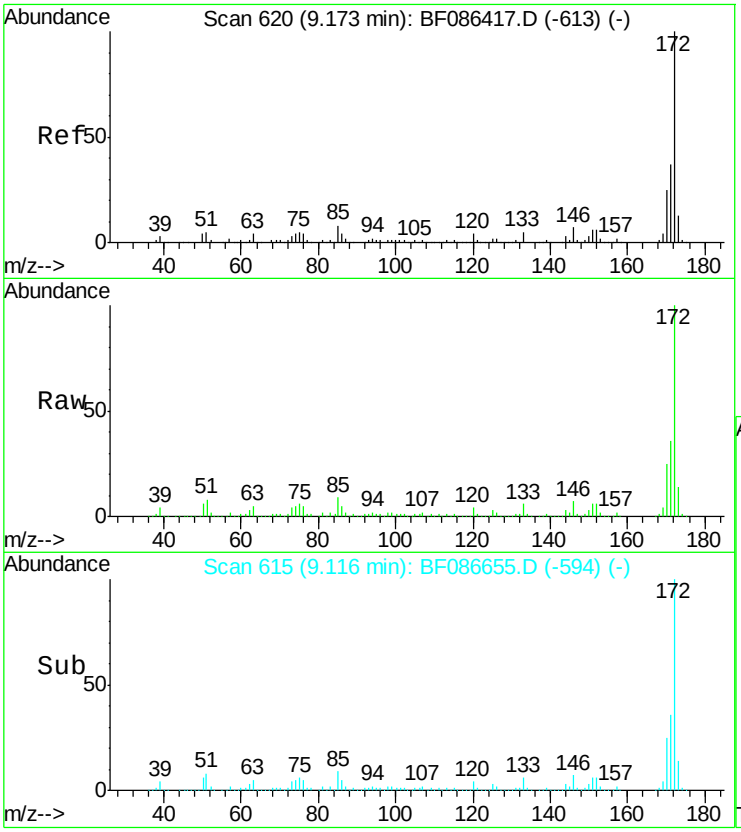


#41
2,4,6-Tribromophenol
Concen: 102.51 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:330 Resp: 325733

Ion	Ratio	Lower	Upper
330	100		
332	98.4	79.0	118.4
141	40.9	31.2	46.8



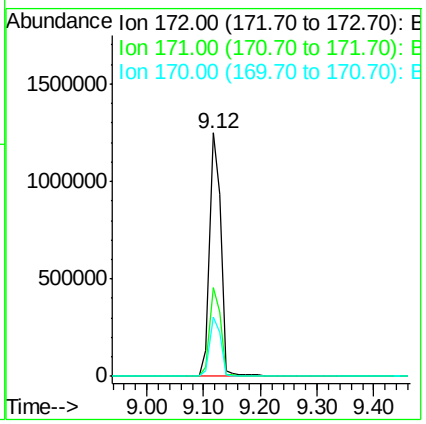


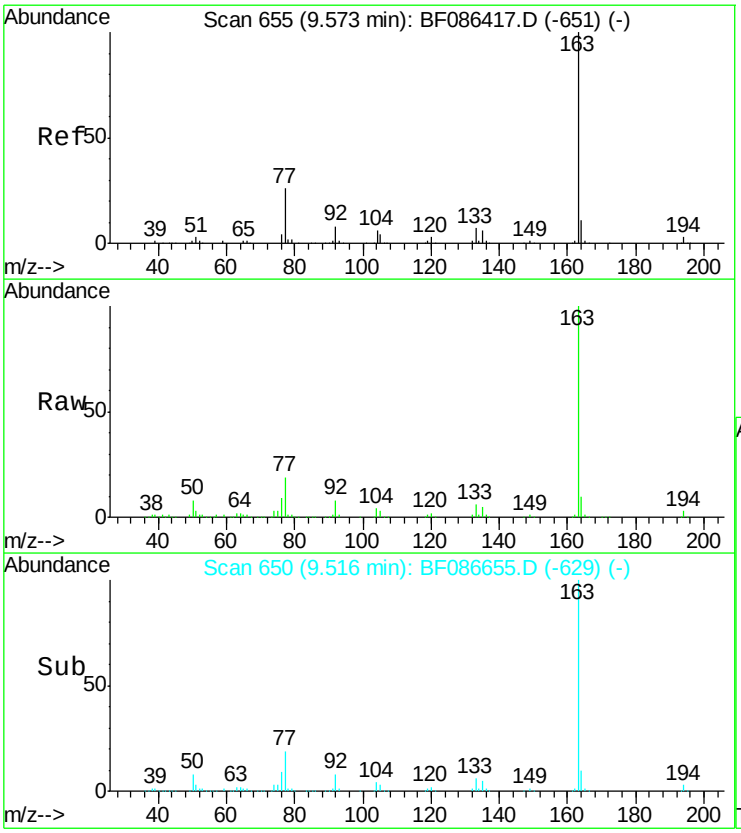
#44
2-Fluorobiphenyl
Concen: 100.92 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:172 Resp: 1671474

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.6	19.8	29.8

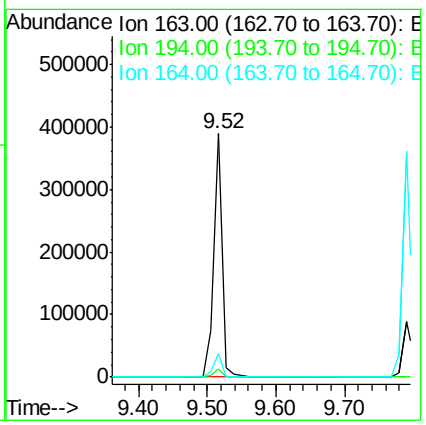


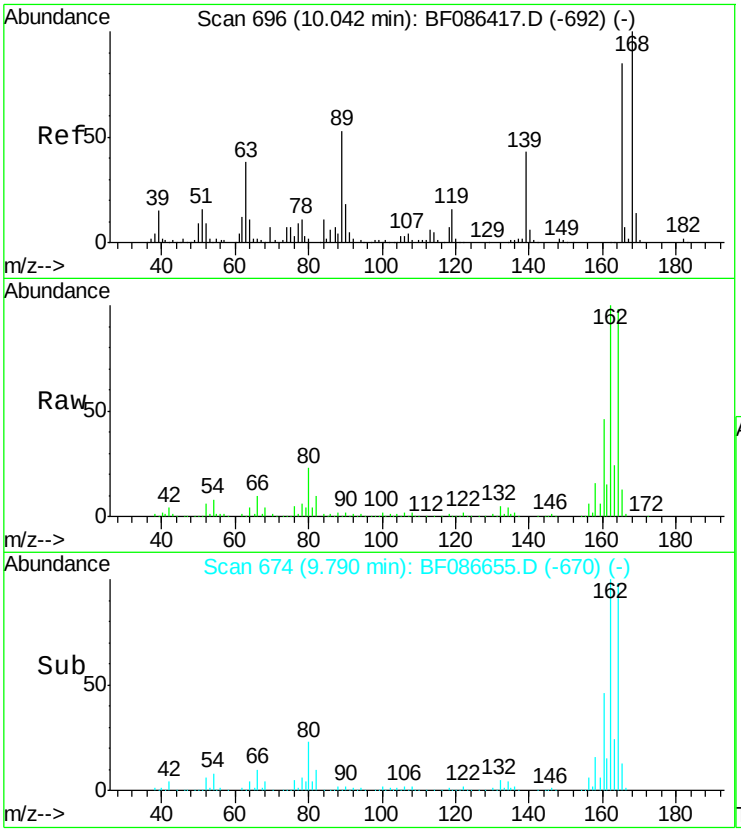


#49
Dimethylphthalate
Concen: 14.97 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:163 Resp: 339604

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.2	12.4



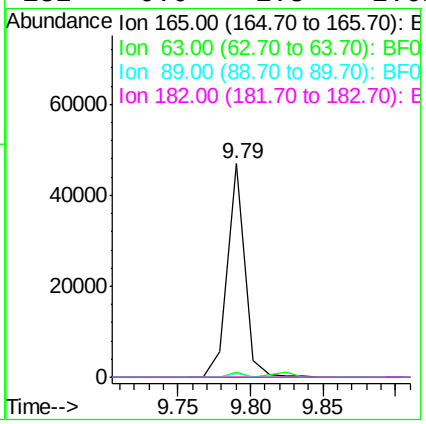


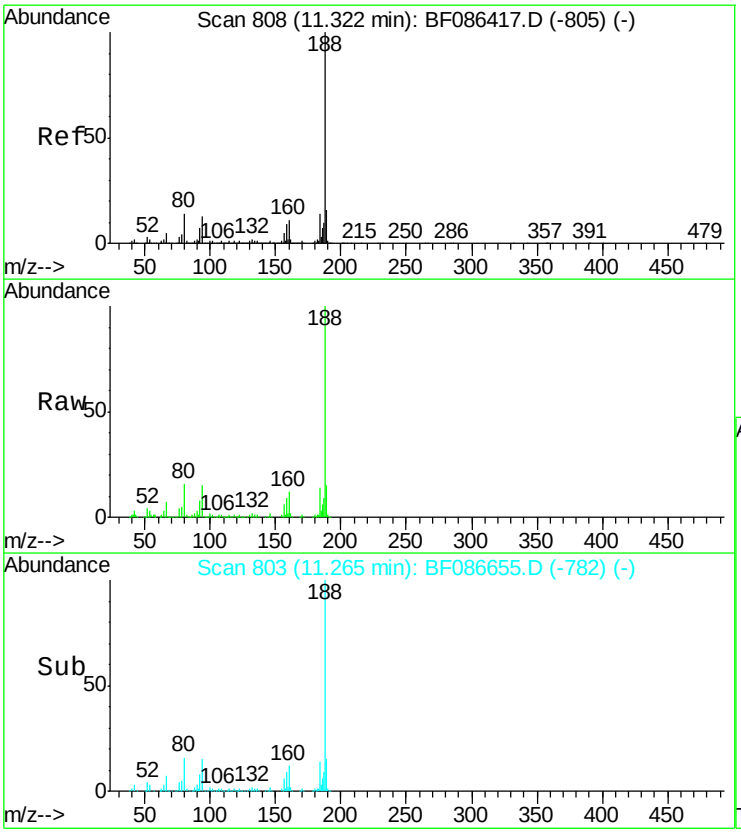
#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:165 Resp: 39298

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

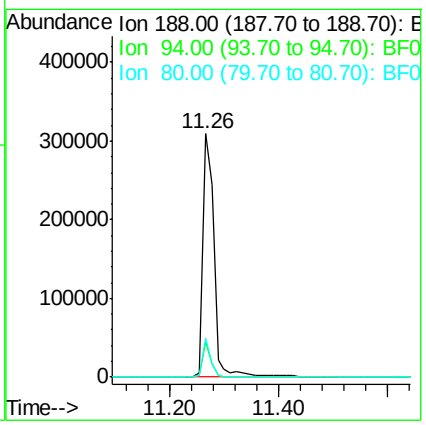


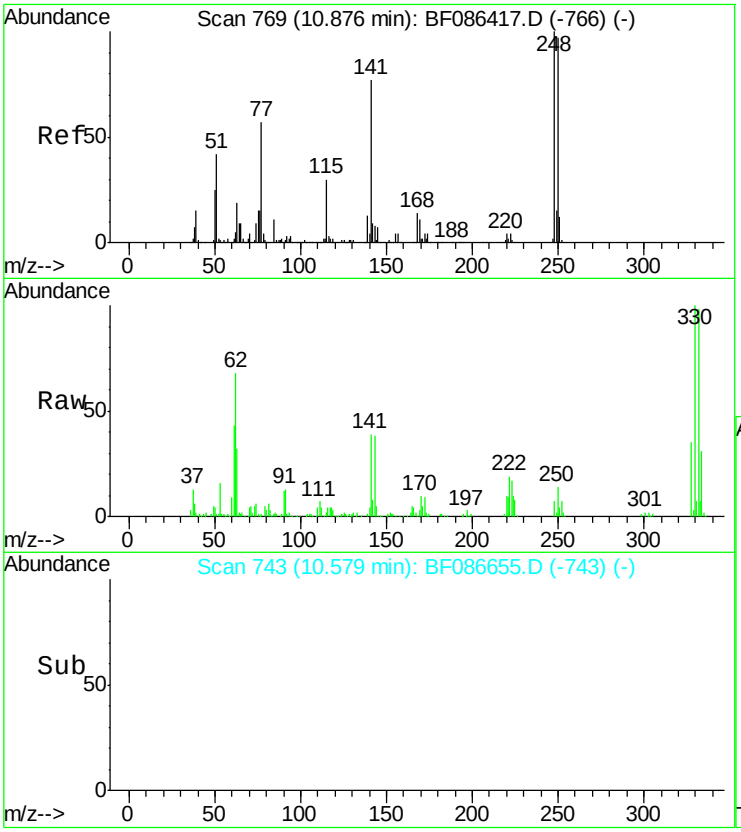


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:188 Resp: 435222

Ion	Ratio	Lower	Upper
188	100		
94	14.6	6.8	10.2#
80	16.0	7.1	10.7#



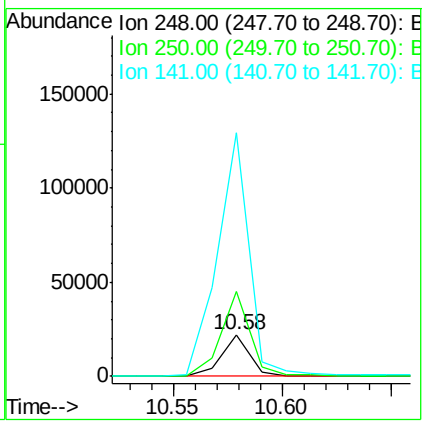


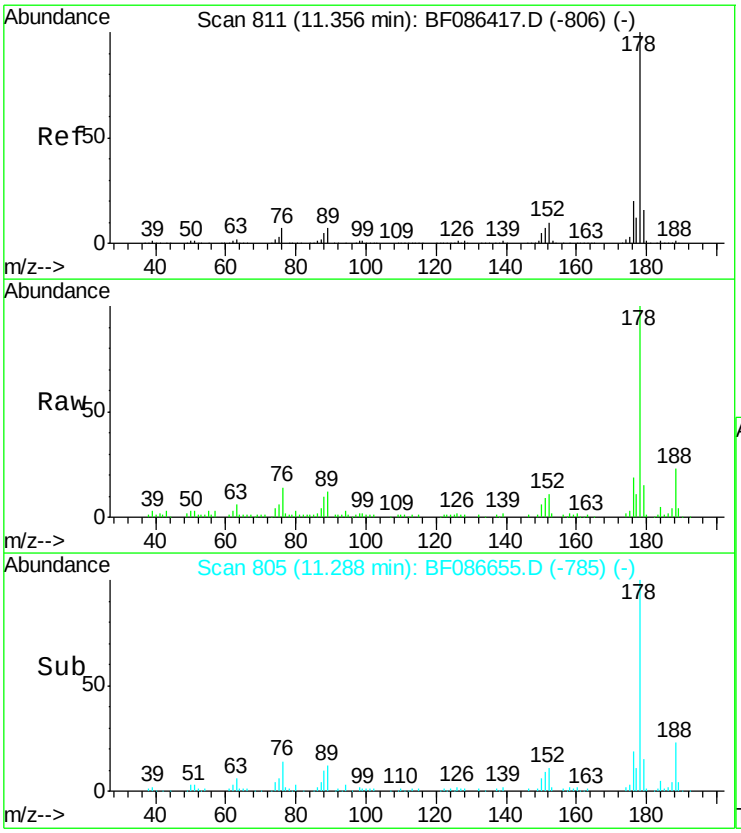
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:248 Resp: 20259

Ion	Ratio	Lower	Upper
248	100		
250	205.8	78.6	117.8#
141	586.3	76.0	114.0#

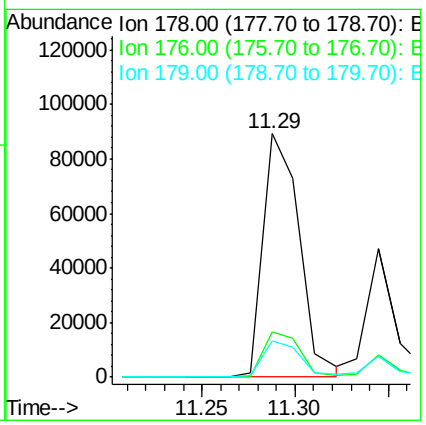


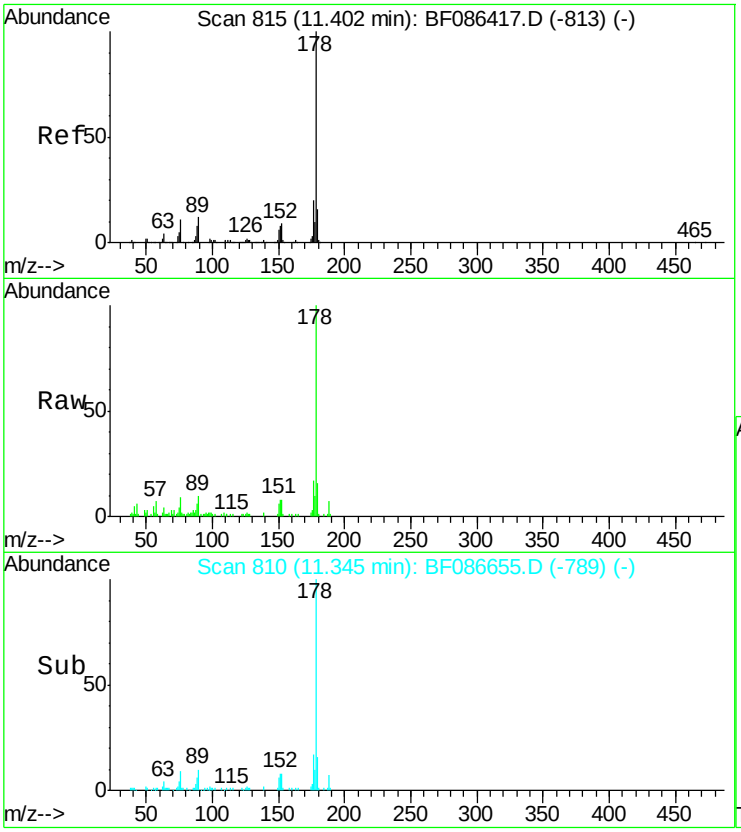


#70
Phenanthrene
Concen: 5.30 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.07 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:178 Resp: 121018

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	14.9	12.6	18.8



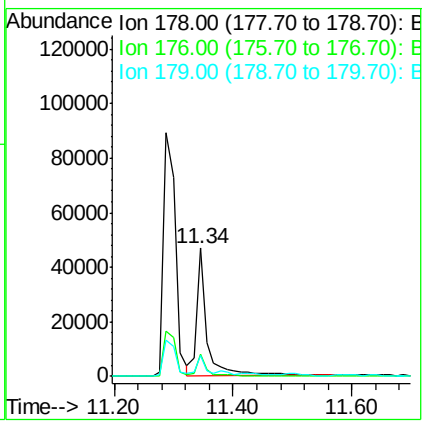


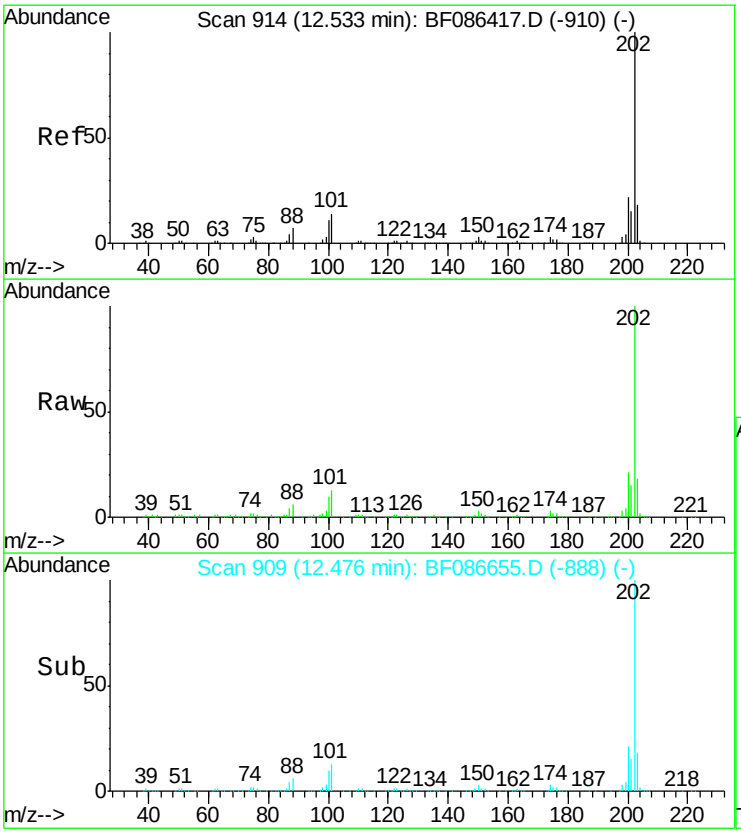
#71
Anthracene
Concen: 2.43 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:178 Resp: 59309

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.6	23.4
179	16.0	12.7	19.1

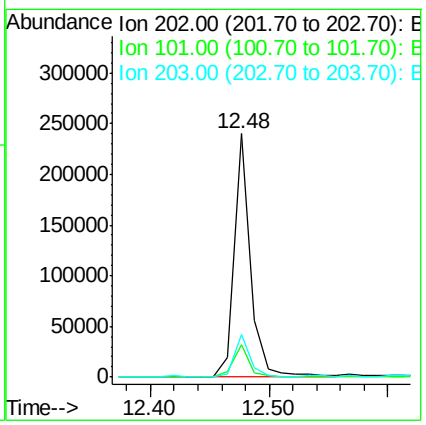


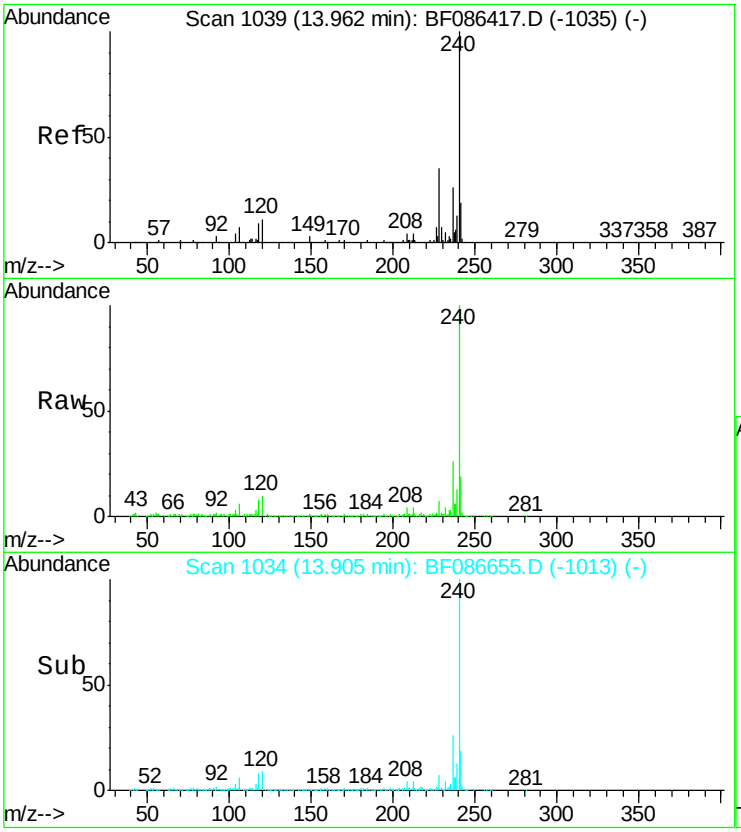


#74
Fluoranthene
Concen: 9.91 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:202 Resp: 228584

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	35.4
203	17.5	0.0	38.1



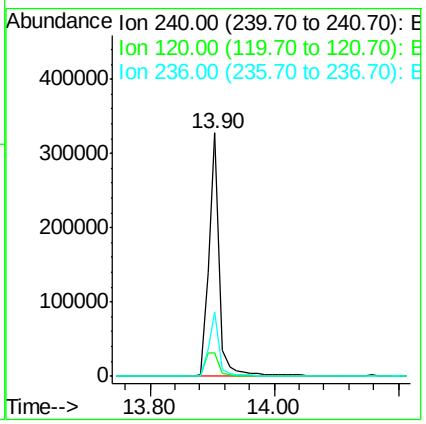


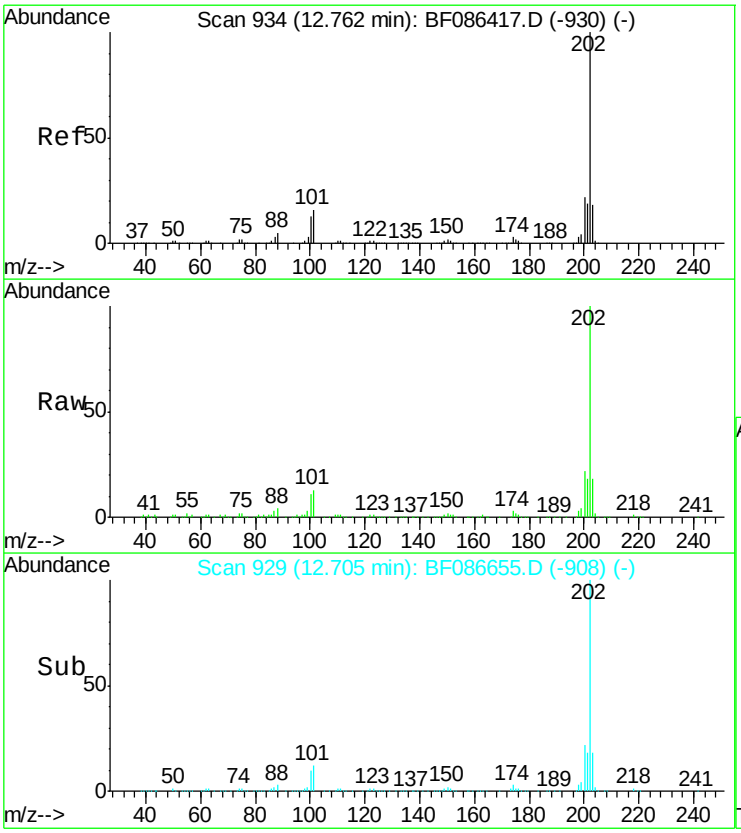
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:240 Resp: 383482

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	26.4	21.2	31.8

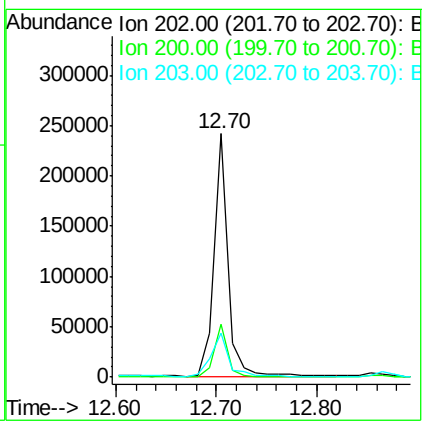


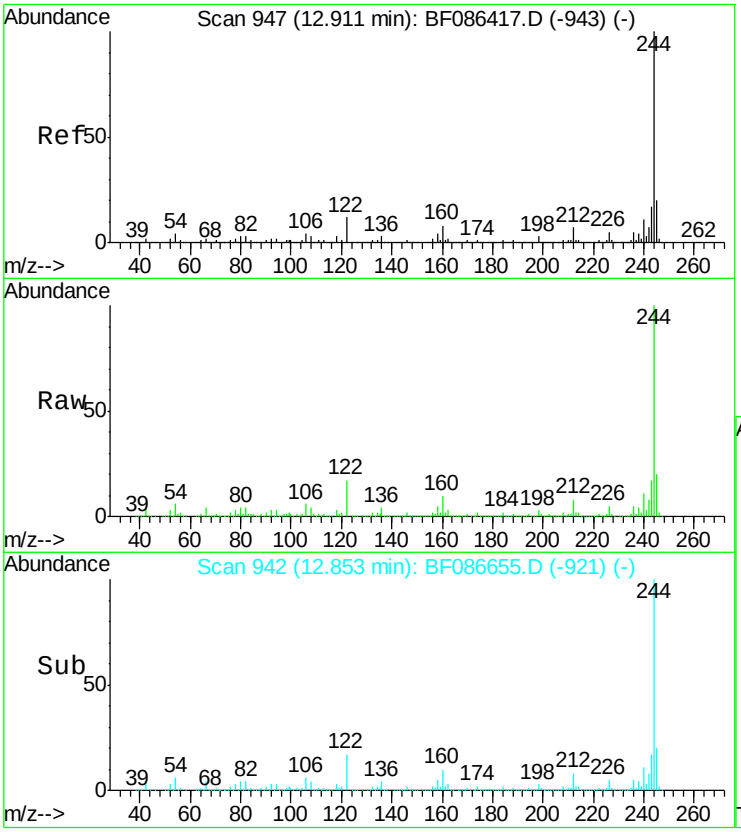


#77
Pyrene
Concen: 8.46 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:202 Resp: 233870

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.0	14.2	21.4



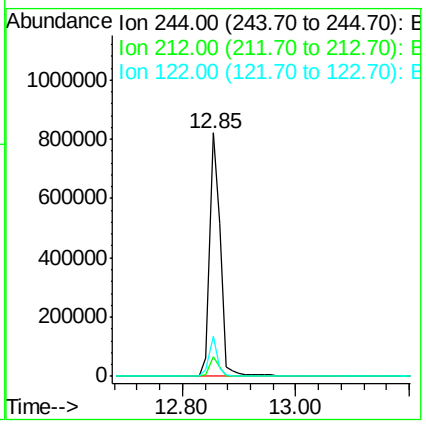


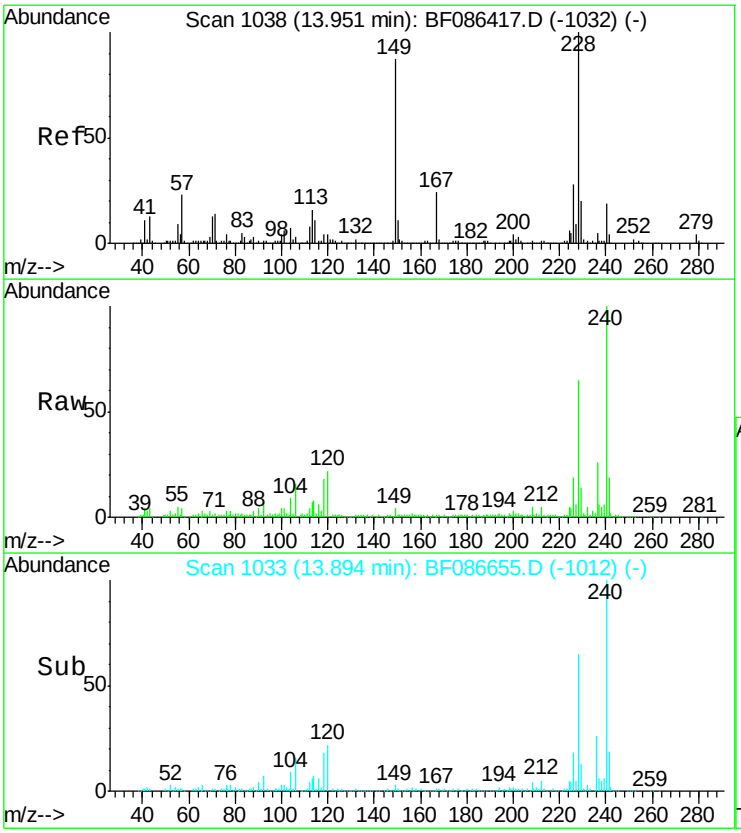
#78
Terphenyl-d14
Concen: 59.45 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:244 Resp: 1034864

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	16.5	12.0	18.0

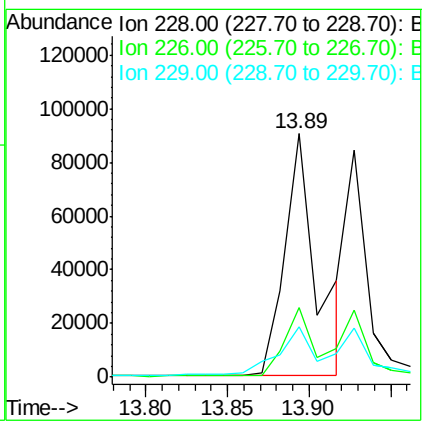


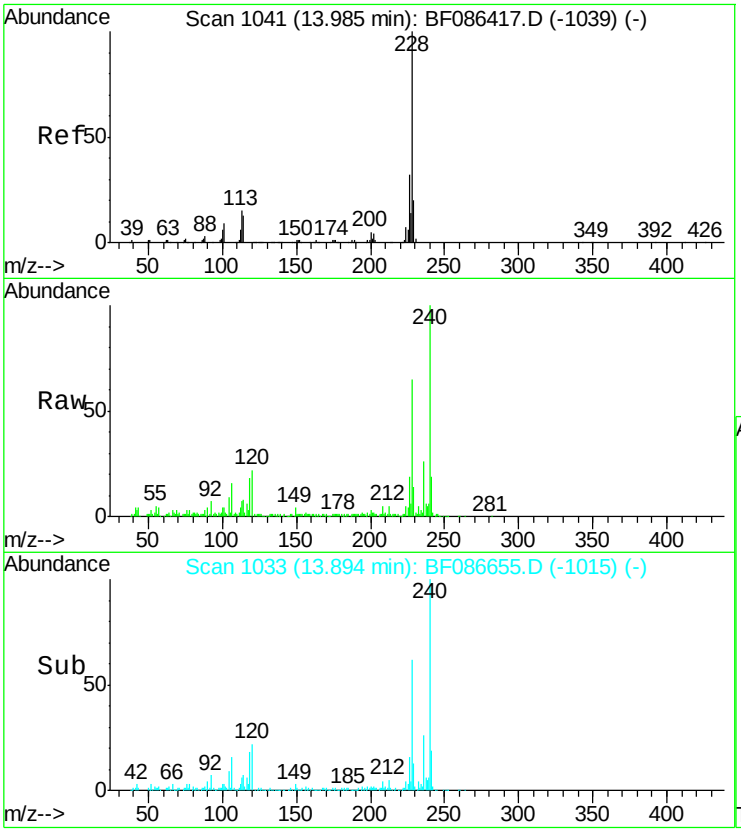


#80
Benzo(a)anthracene
Concen: 6.12 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:228 Resp: 125108

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	20.8	16.6	25.0



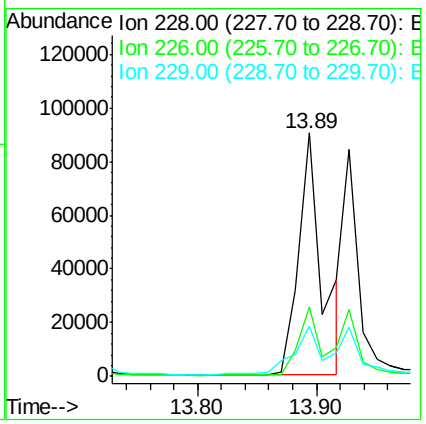


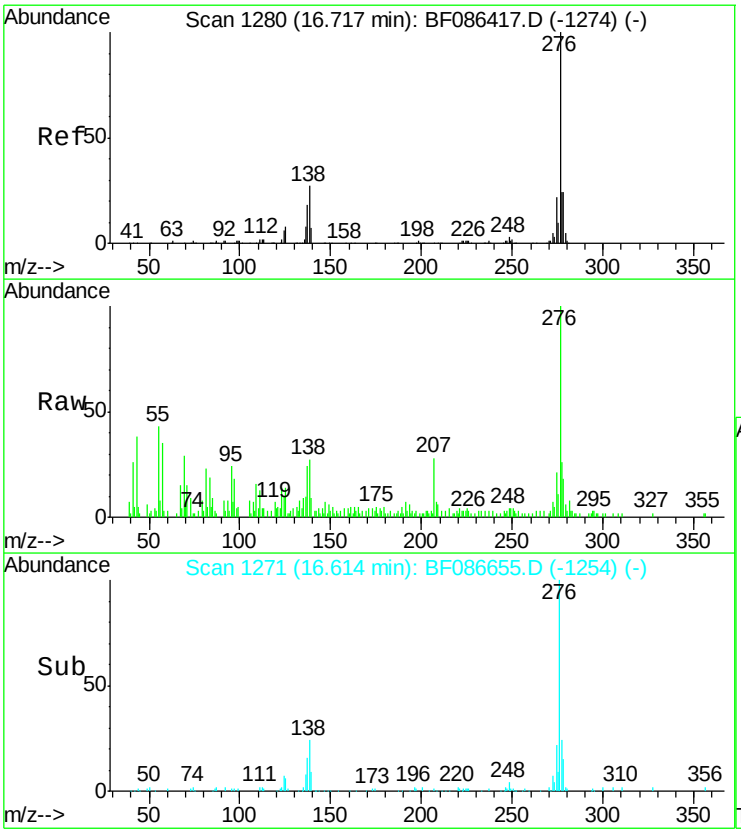
#82
Chrysene
Concen: 5.63 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:228 Resp: 125147

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.4	36.6
229	20.8	15.8	23.8

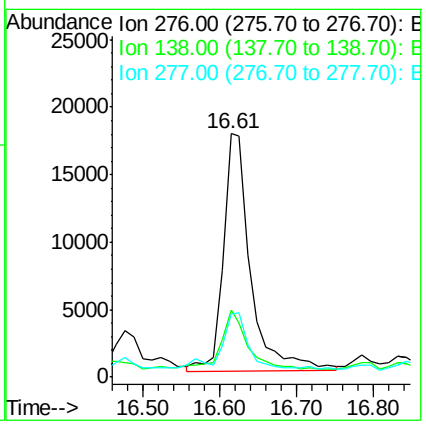


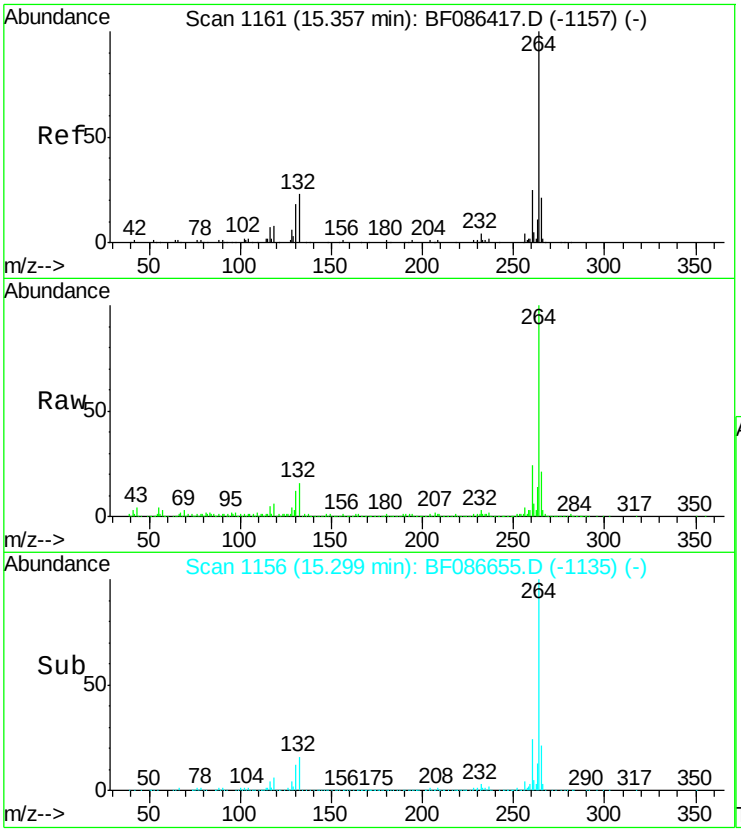


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.67 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.10 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:276 Resp: 44026

Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.6	38.4#
277	23.1	20.5	30.7



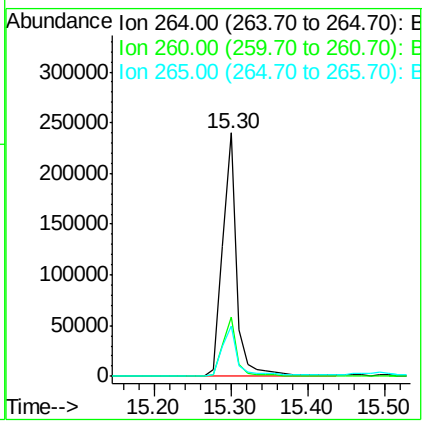


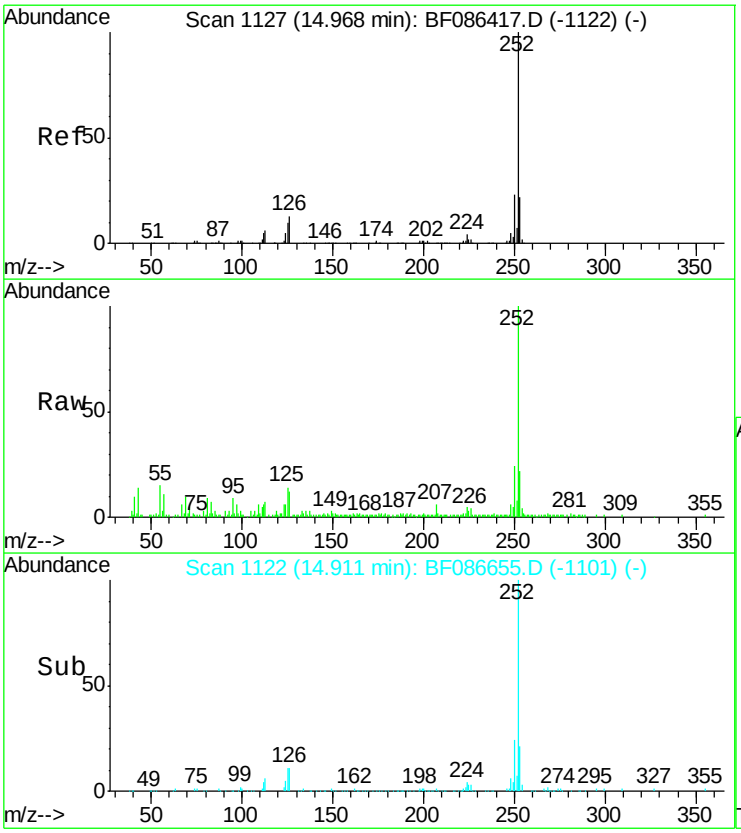
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:264 Resp: 311724

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.8	17.3	25.9

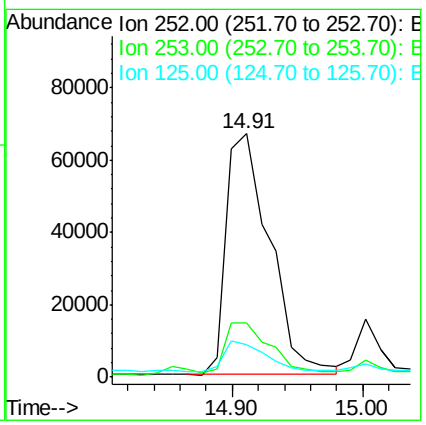


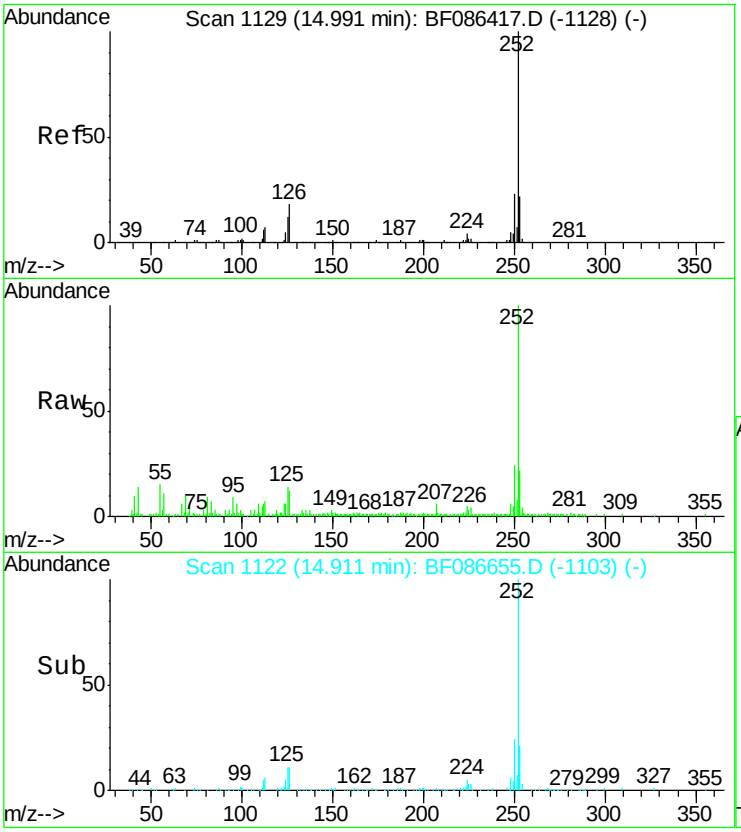


#87
Benzo(b)fluoranthene
Concen: 8.43 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:252 Resp: 154594

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.6	11.4	17.0



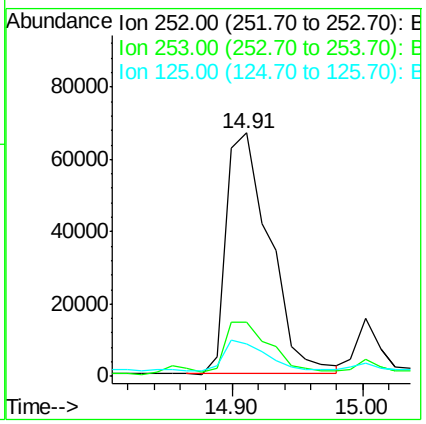


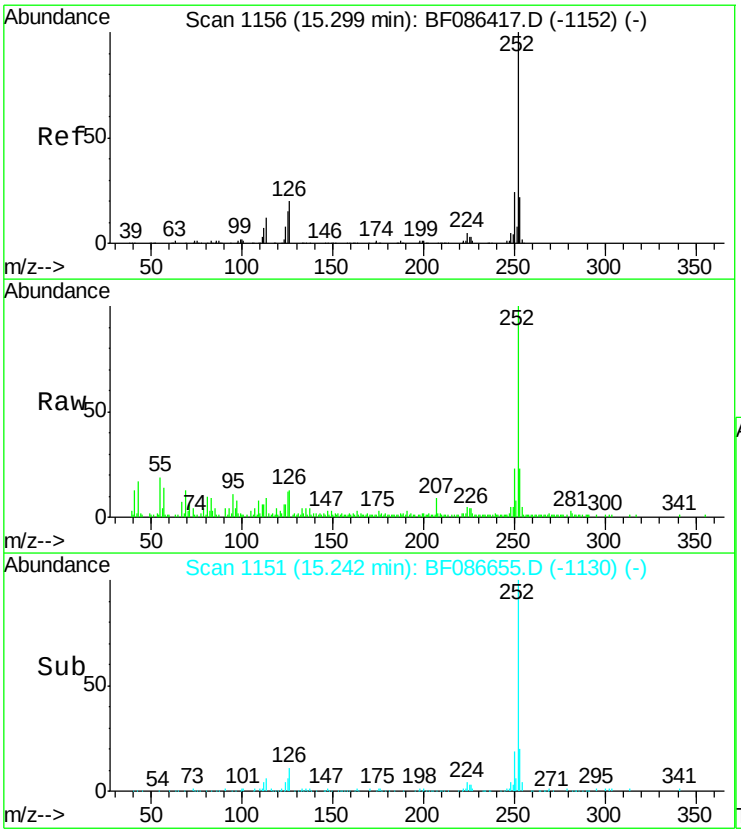
#88
Benzo(k)fluoranthene
Concen: 8.08 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.08 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:252 Resp: 154594

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.6	9.1	13.7

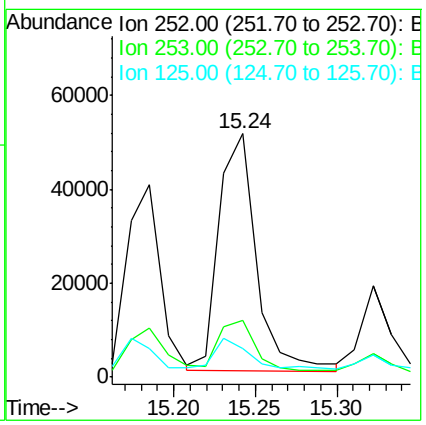


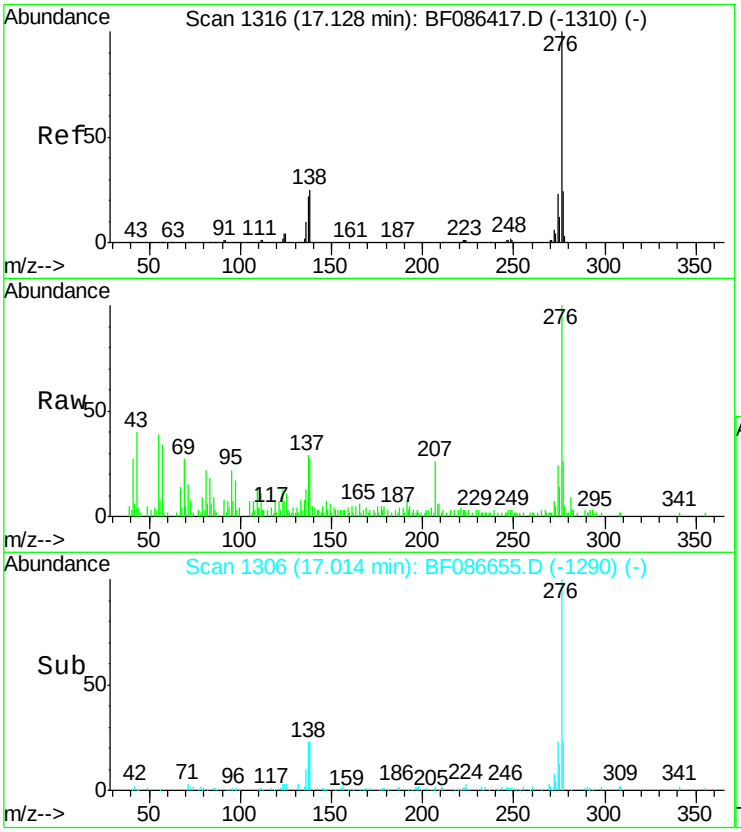


#89
Benzo(a)pyrene
Concen: 4.68 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Tgt Ion:252 Resp: 81074

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.7	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 2.82 ng
RT: 17.01 min Scan# 1306
Delta R.T. -0.11 min
Lab File: BF086655.D
Acq: 3 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-3(16-32FTBGS)

Tgt Ion:276 Resp: 40099

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.6	29.4
138	26.8	23.6	35.4