Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120915\
Data File : BF083669.D
Acq On : 10 Dec 2015 6:45
Operator : UM/IZ
Sample : G4582-01DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-01(0-4)DL

Quant Time: Dec 10 12:10:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	134554	20.00	ng		-0.02
21) Naphthalene-d8	7.57	136	526743	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	237019	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	372604	20.00	ng		-0.02
75) Chrysene-d12	16.97	240	302106	20.00	ng		-0.02
86) Perylene-d12	18.61	264	261470	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.96	112	294567	33.20	ng		-0.01
7) Phenol-d6	5.25	99	429782	36.26	ng		-0.02
23) Nitrobenzene-d5	6.51	82	263767	23.37	ng		-0.02
41) 2,4,6-Tribromophenol	11.66	330	52646	24.93	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	385639	22.90	ng		-0.02
78) Terphenyl-d14	15.38	244	241527	18.81	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.51	70	27632	3.34	ng	#	86
31) Naphthalene	7.62	128	91435	3.28	ng		96
48) Acenaphthylene	10.13	152	216529	8.44	ng		98
49) Dimethylphthalate	10.01	163	78004	4.13	ng		98
51) Acenaphthene	10.42	154	31401	2.14	ng		99
57) Fluorene	11.26	166	47955	2.70	ng		96
70) Phenanthrene	12.80	178	467069	21.82	ng		99
71) Anthracene	12.90	178	127582	5.75	ng		98
74) Fluoranthene	14.73	202	658511	30.07	ng		99
77) Pyrene	15.08	202	964123	44.33	ng		99
80) Benzo(a)anthracene	17.01	228	413829	23.40	ng		96
82) Chrysene	17.01	228	414523	23.38	ng		99
85) Indeno(1,2,3-cd)pyrene	19.86	276	308506	25.79	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	713666	47.93	ng		98
88) Benzo(k)fluoranthene	18.35	252	131855	8.04	ng		98
89) Benzo(a)pyrene	18.57	252	506110	34.83	ng		97
90) Dibenzo(a,h)anthracene	19.70	278	41812	3.76	ng		98
91) Benzo(g,h,i)perylene	20.21	276	365966	33.79	ng		95

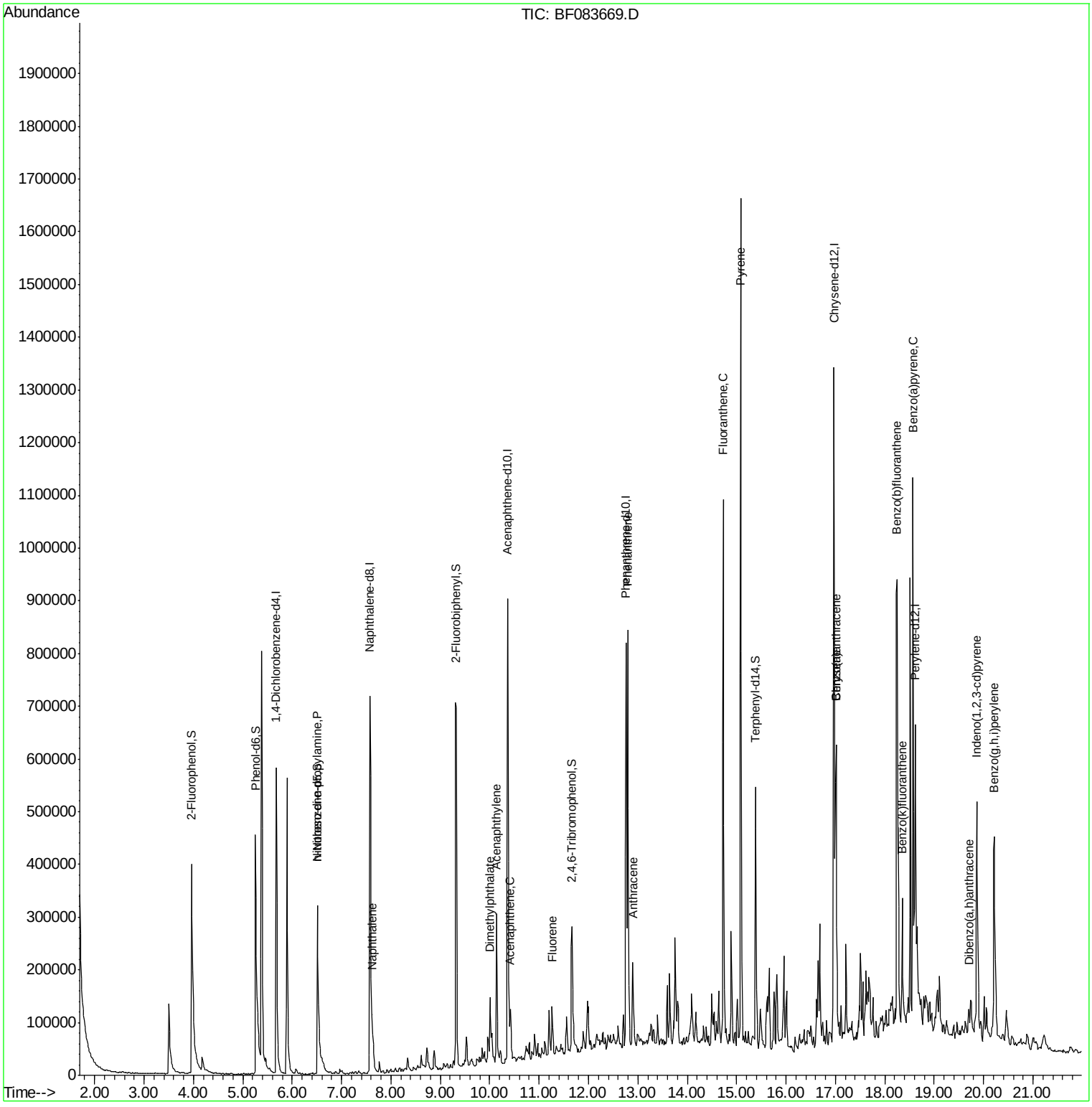
(#) = qualifier out of range (m) = manual integration (+) = signals summed

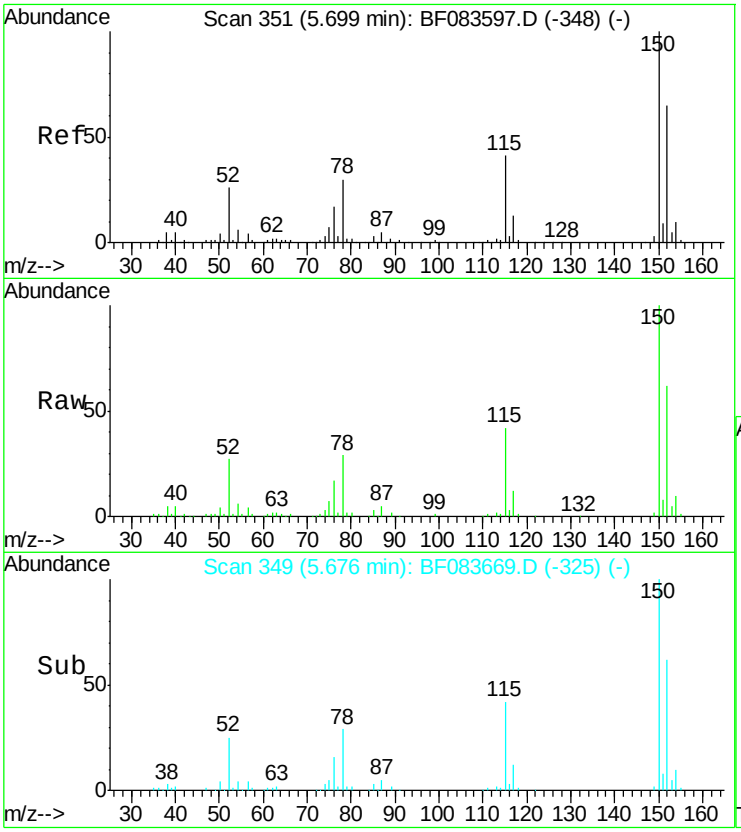
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120915\
Data File : BF083669.D
Acq On : 10 Dec 2015 6:45
Operator : UM/IZ
Sample : G4582-01DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Quant Time: Dec 10 12:10:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration



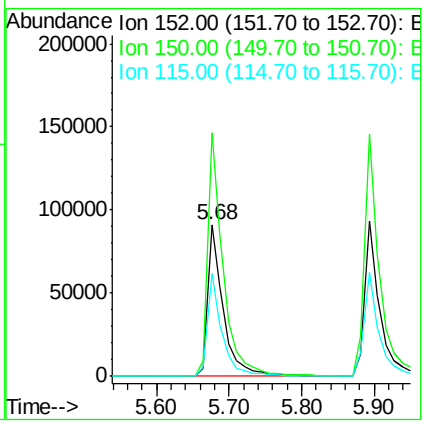


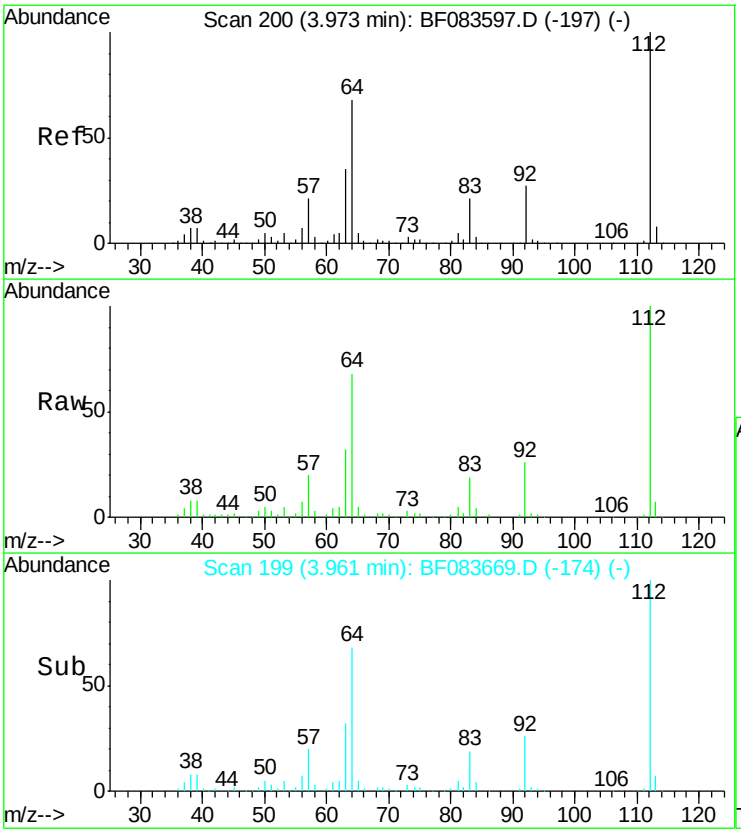
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:152 Resp: 134554

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.5	189.7
115	67.2	52.3	78.5

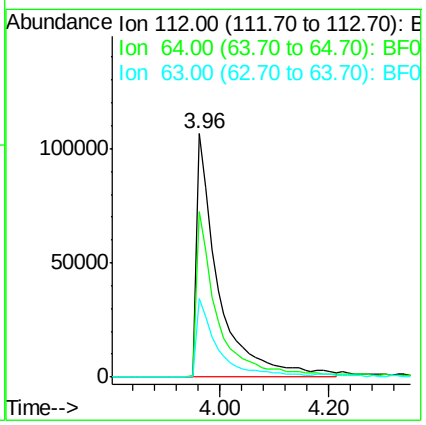


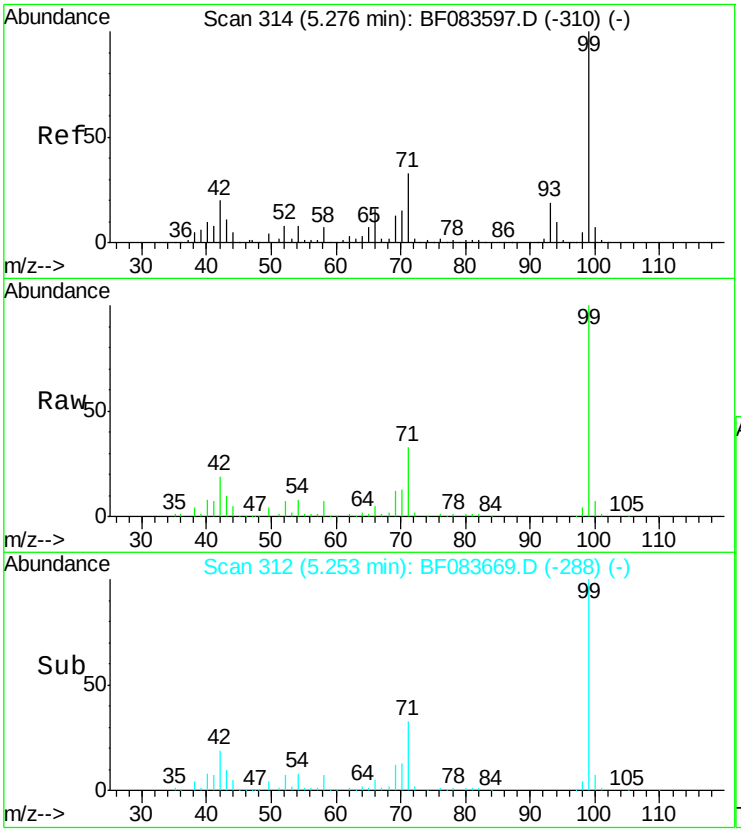


#5
2-Fluorophenol
Concen: 33.20 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:112 Resp: 294567

Ion	Ratio	Lower	Upper
112	100		
64	68.0	50.5	75.7
63	32.3	25.8	38.6



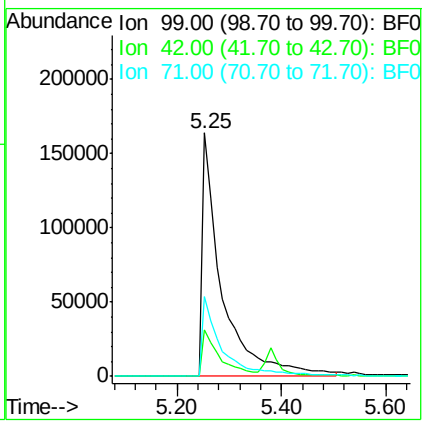


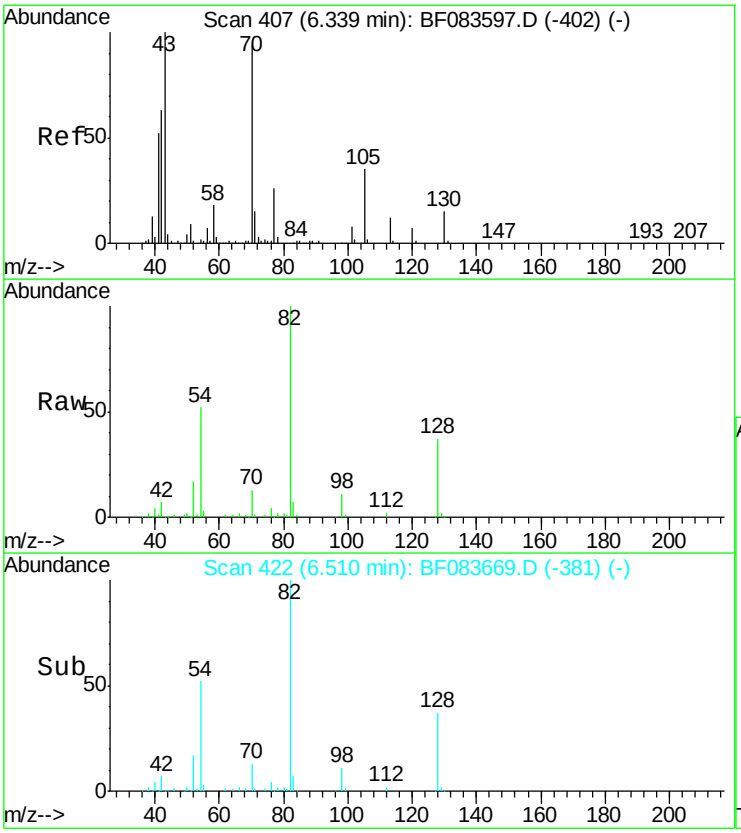
#7
Phenol-d6
Concen: 36.26 ng
RT: 5.25 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion: 99 Resp: 429782

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.3	25.9
71	32.7	26.6	40.0

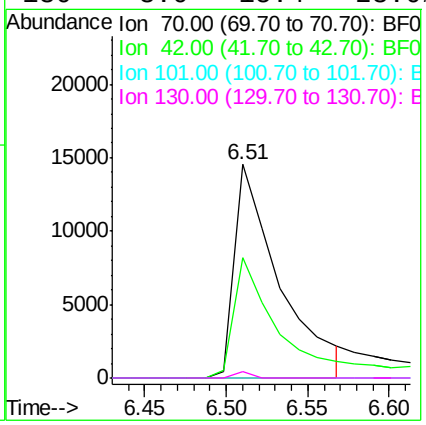


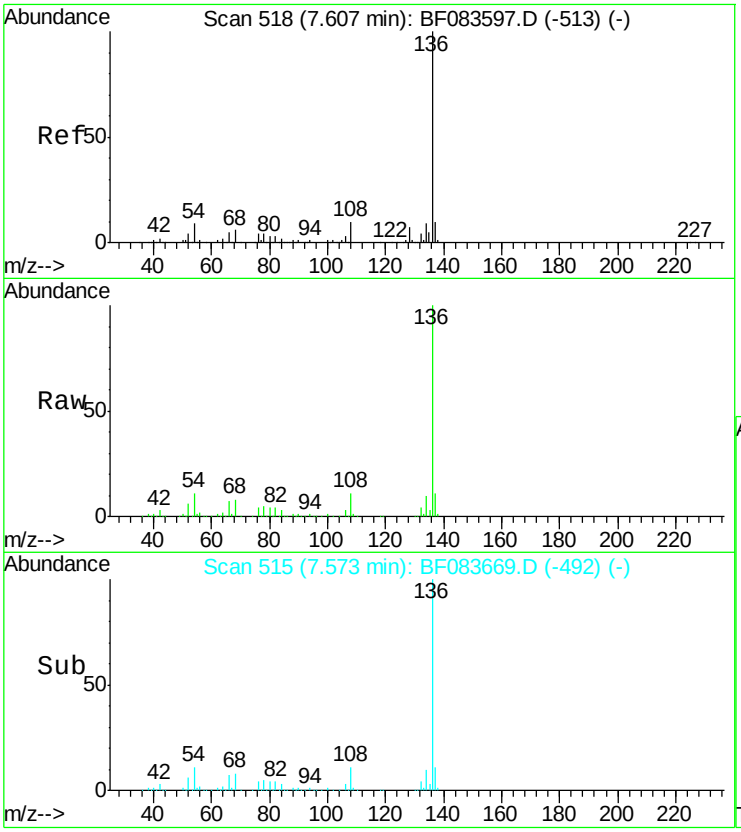


#19
n-Nitroso-di-n-propylamine
Concen: 3.34 ng
RT: 6.51 min Scan# 422
Delta R.T. 0.17 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion: 70 Resp: 27632

Ion	Ratio	Lower	Upper
70	100		
42	56.6	49.2	73.8
101	0.0	7.1	10.7#
130	3.0	15.4	23.0#



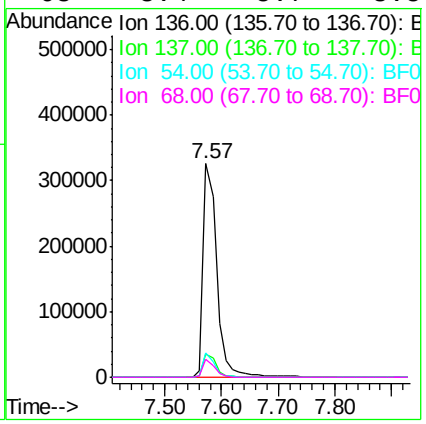


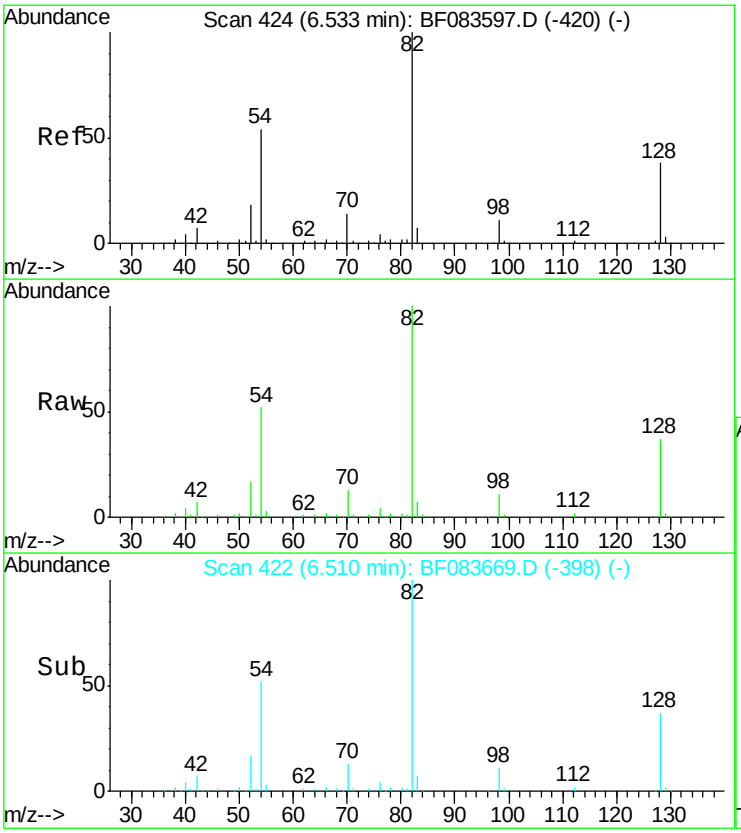
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:136 Resp: 526743

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.4	7.8	11.6
68	8.4	5.7	8.5

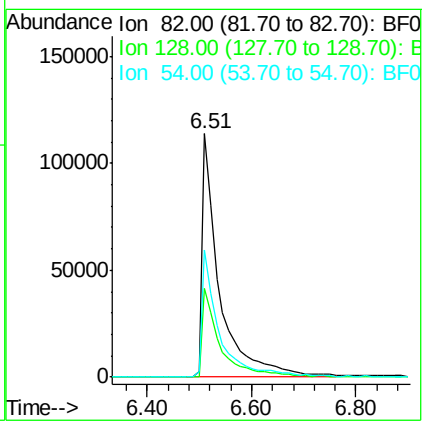


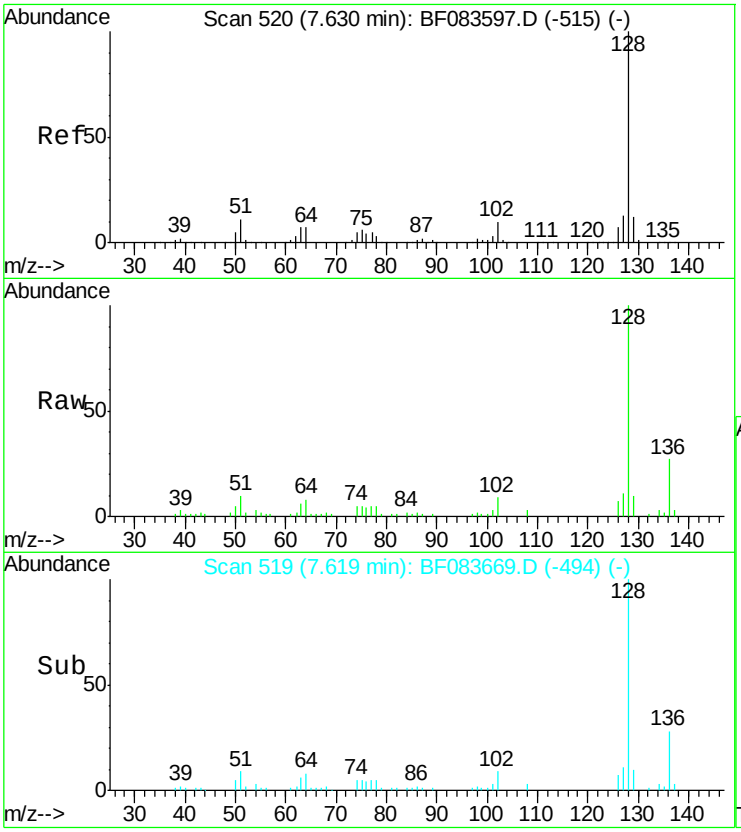


#23
Nitrobenzene-d5
Concen: 23.37 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion: 82 Resp: 263767

Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.7	46.1
54	52.4	42.5	63.7



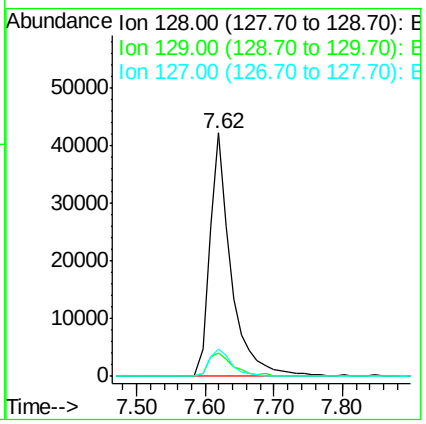


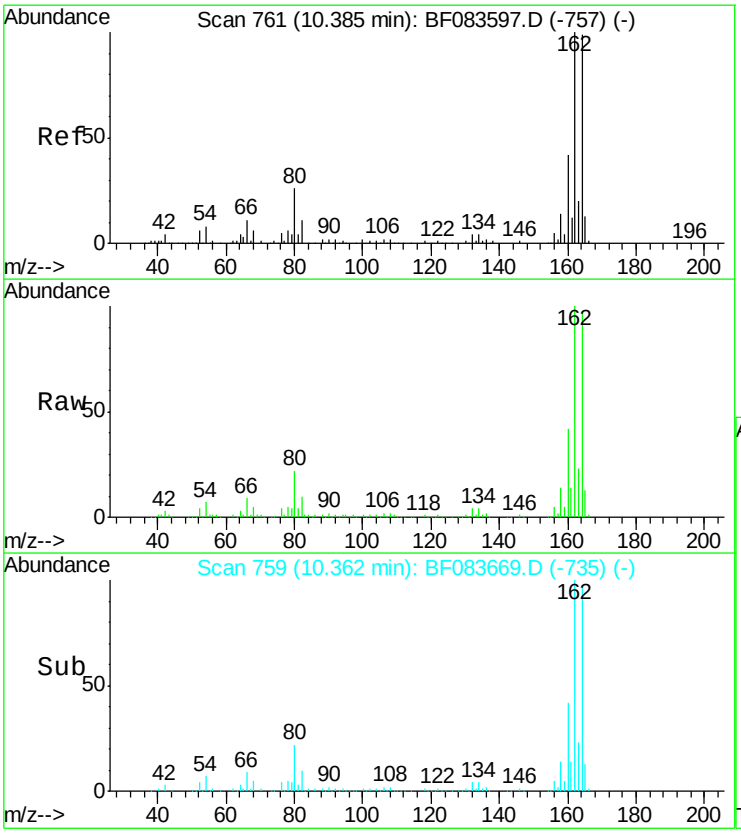
#31
Naphthalene
Concen: 3.28 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:128 Resp: 91435

Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.6	13.0
127	11.2	10.6	16.0

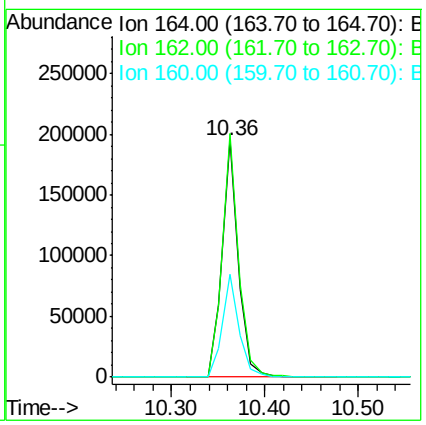


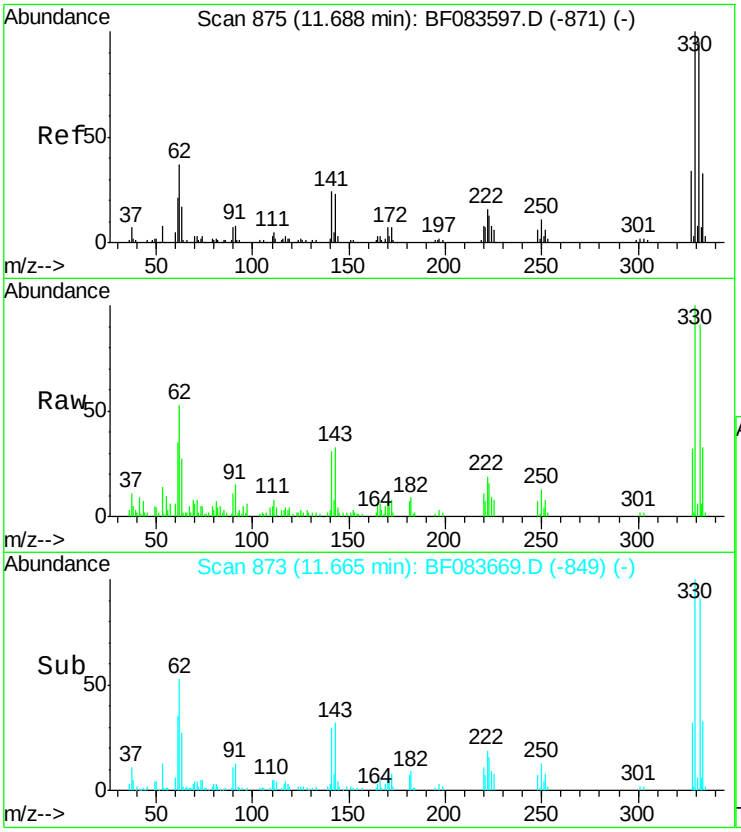


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:164 Resp: 237019

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	43.6	33.4	50.2



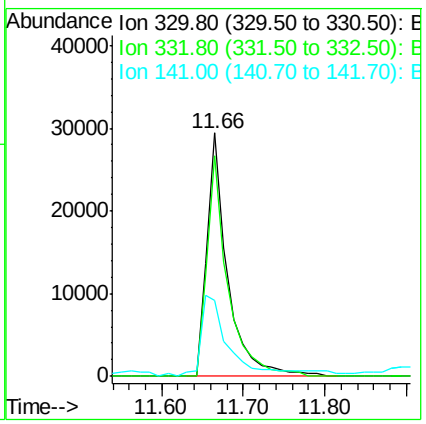


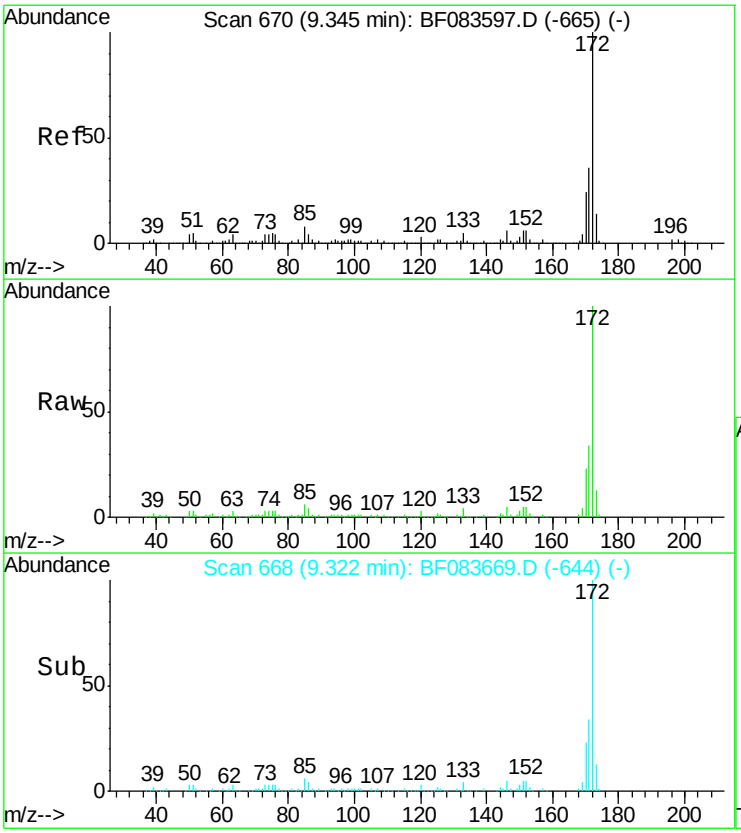
#41
2,4,6-Tribromophenol
Concen: 24.93 ng
RT: 11.66 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:330 Resp: 52646

Ion	Ratio	Lower	Upper
330	100		
332	91.4	0.0	0.0#
141	42.9	0.0	0.0#

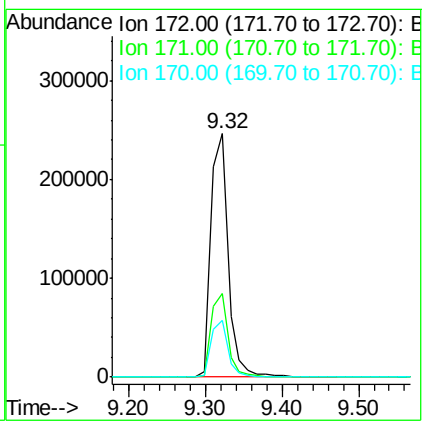


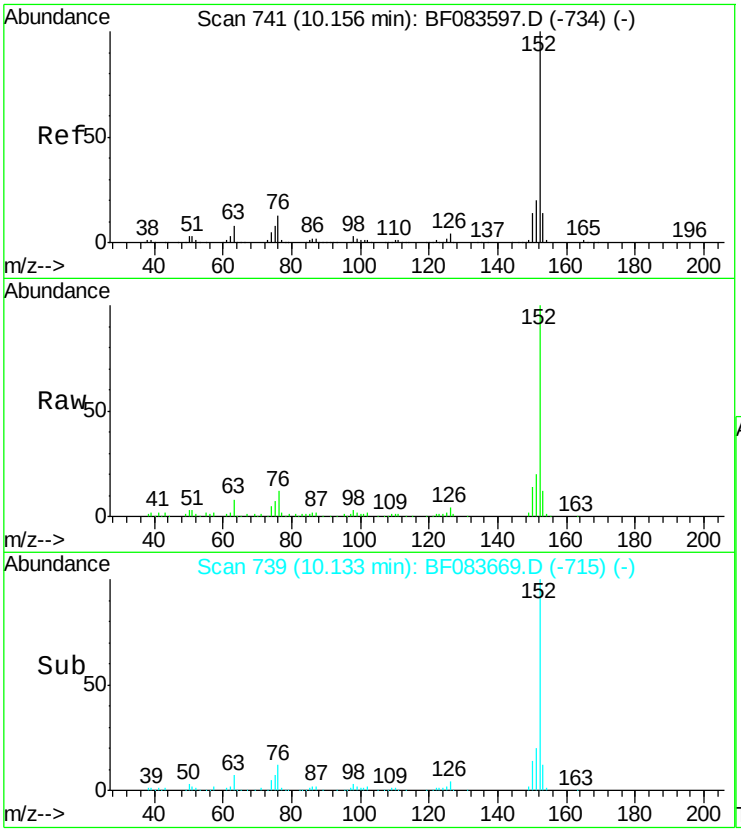


#44
2-Fluorobiphenyl
Concen: 22.90 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:172 Resp: 385639

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	23.1	19.4	29.0



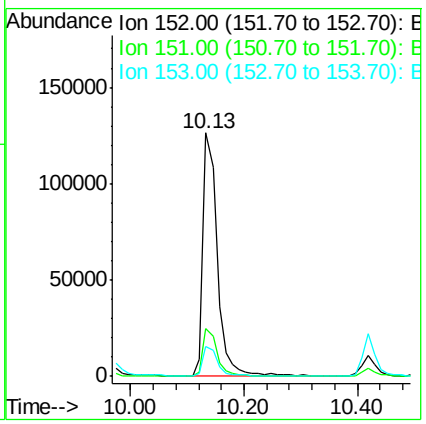


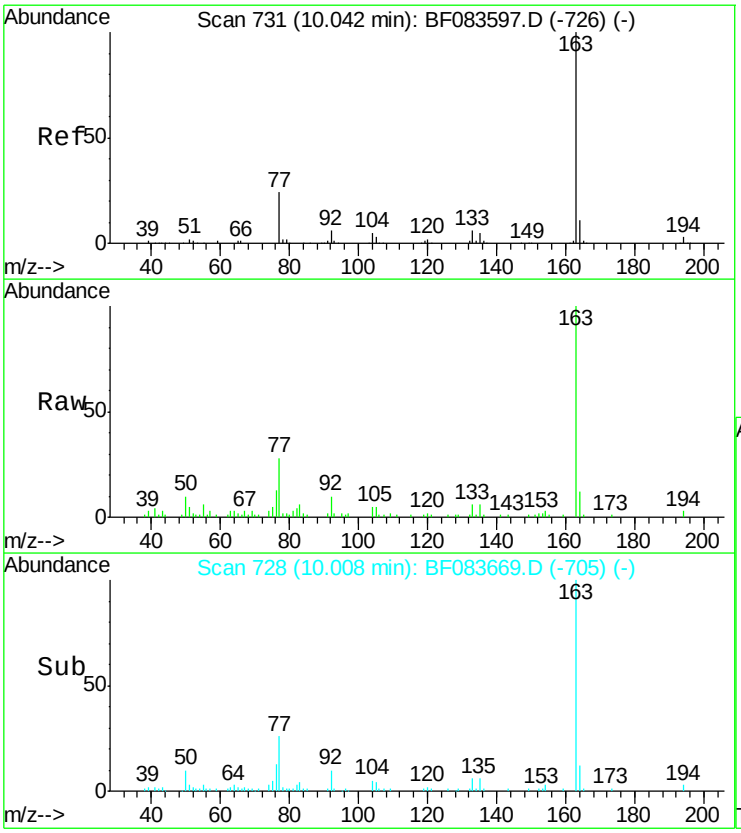
#48
Acenaphthylene
Concen: 8.44 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:152 Resp: 216529

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.5	10.8	16.2

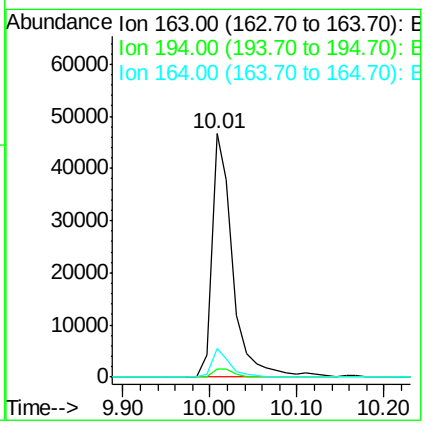


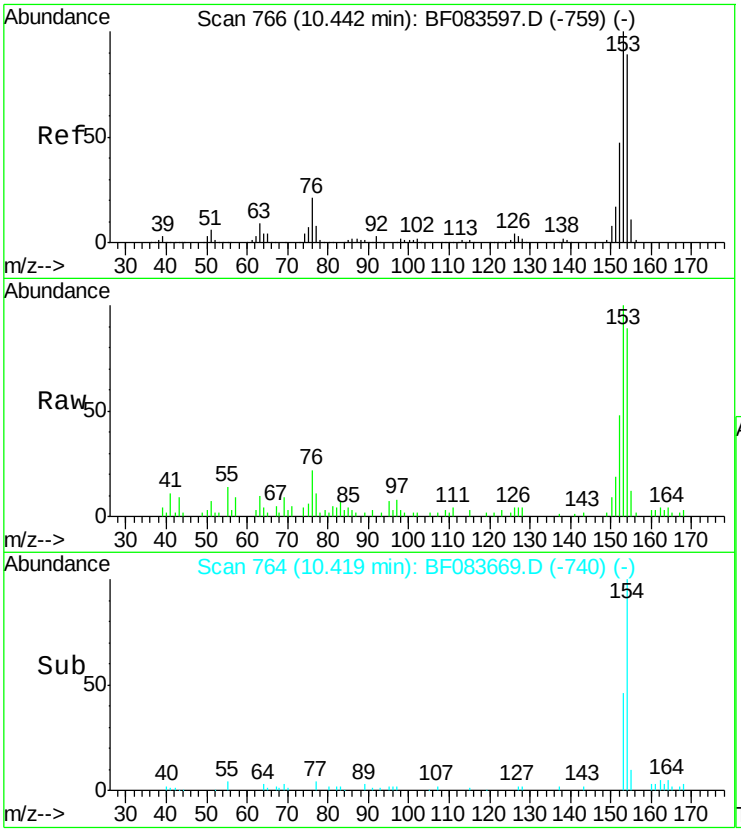


#49
Dimethylphthalate
Concen: 4.13 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:163 Resp: 78004

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	11.8	8.6	13.0



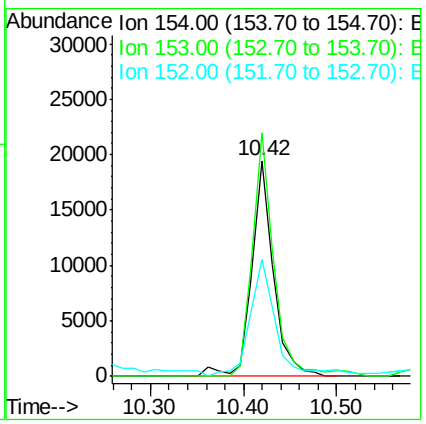


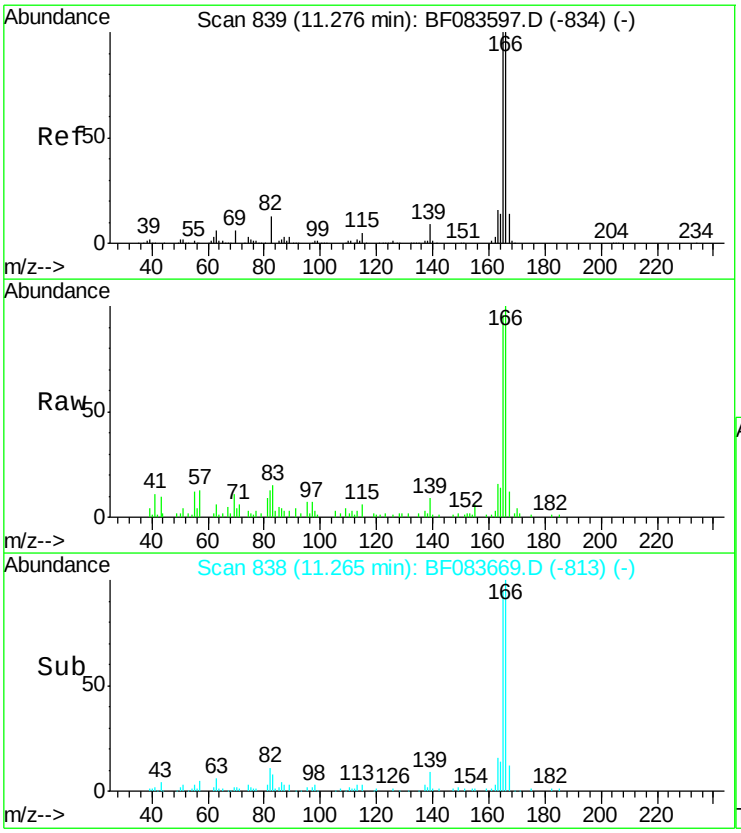
#51
Acenaphthene
Concen: 2.14 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:154 Resp: 31401

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.4	137.0
152	54.1	43.4	65.2

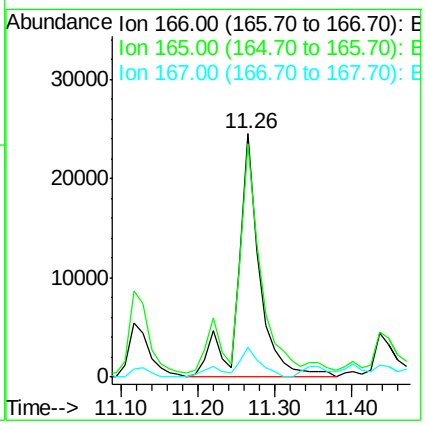


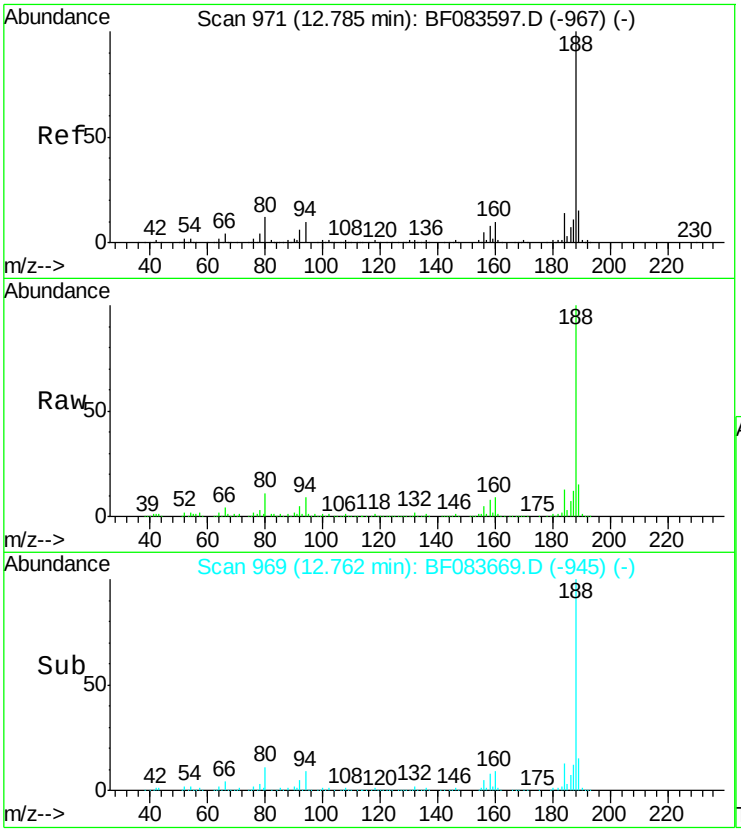


#57
Fluorene
Concen: 2.70 ng
RT: 11.26 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:166 Resp: 47955

Ion	Ratio	Lower	Upper
166	100		
165	95.9	80.0	120.0
167	12.5	10.6	16.0



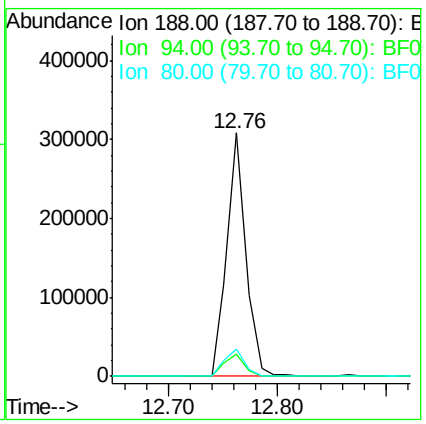


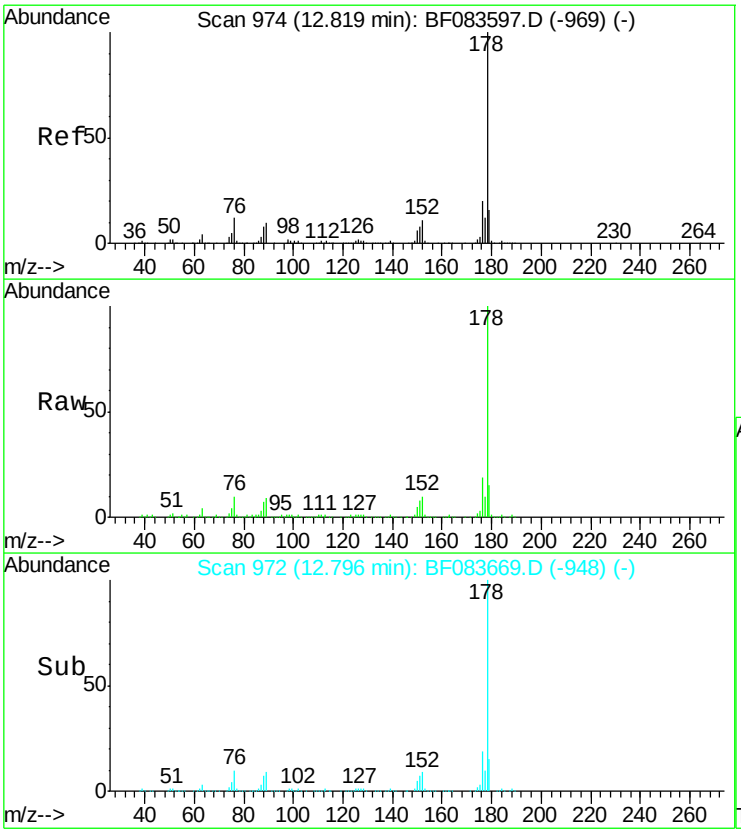
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:188 Resp: 372604

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	11.0	10.6	16.0

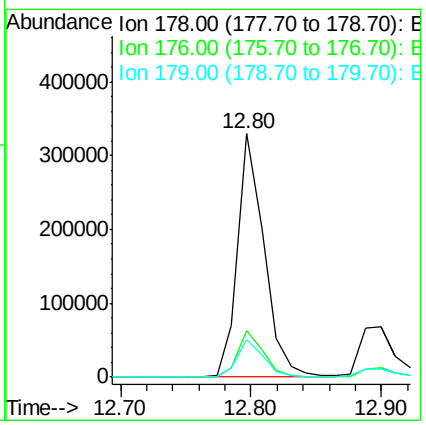


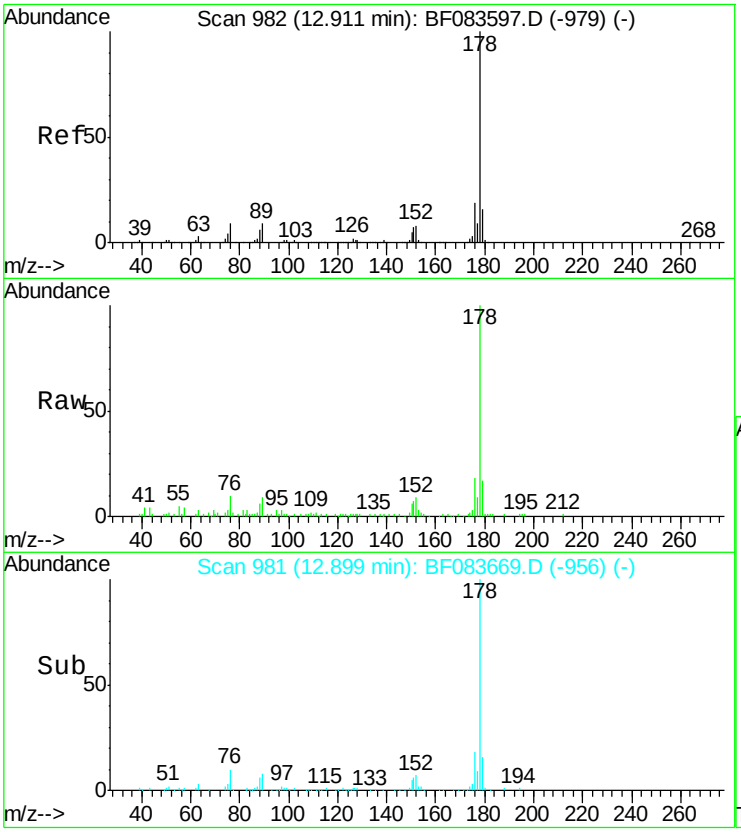


#70
Phenanthrene
Concen: 21.82 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:178 Resp: 467069

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.4	12.2	18.4



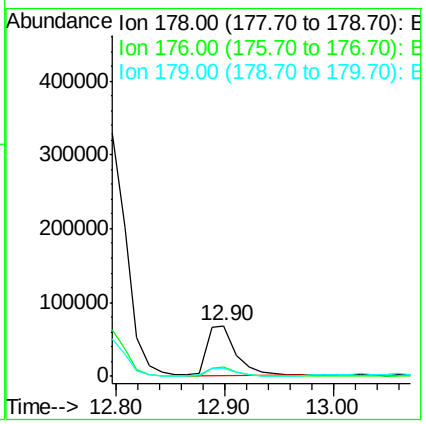


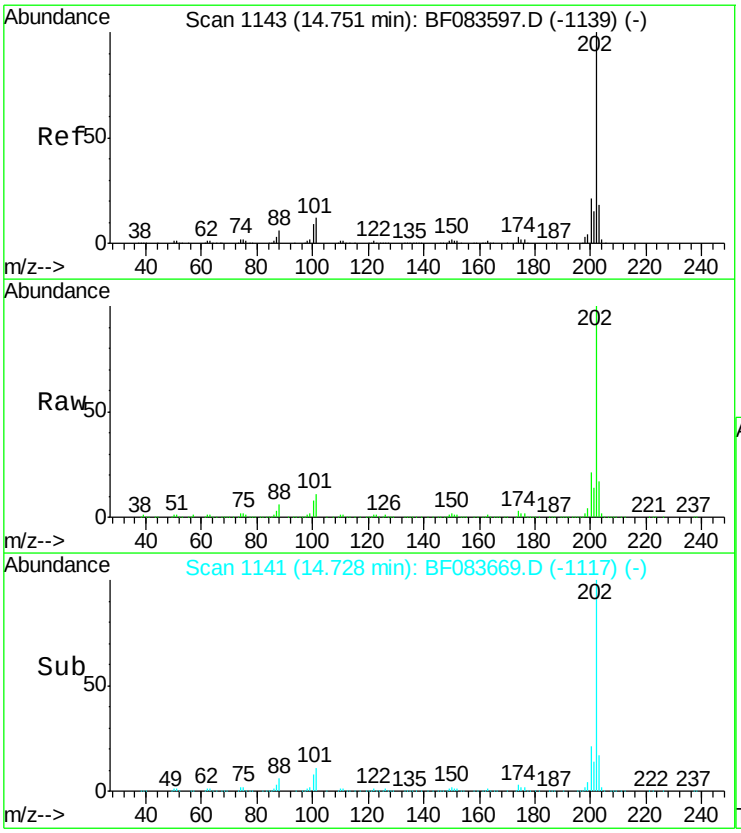
#71
Anthracene
Concen: 5.75 ng
RT: 12.90 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:178 Resp: 127582

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	16.8	12.6	18.8

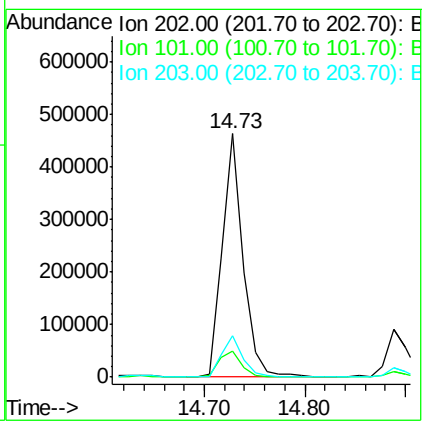


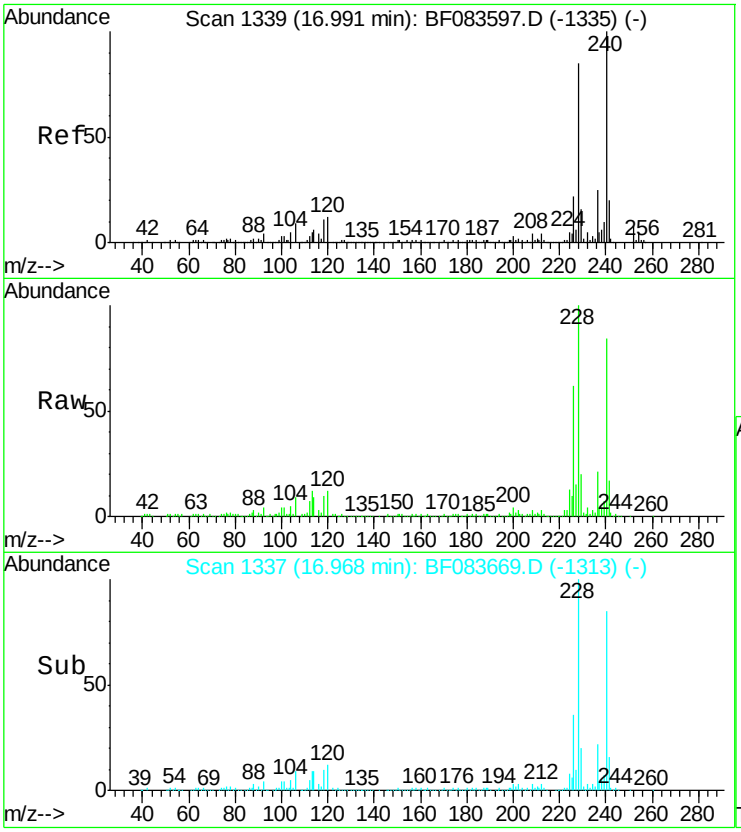


#74
Fluoranthene
Concen: 30.07 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:202 Resp: 658511

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.2	0.0	37.6



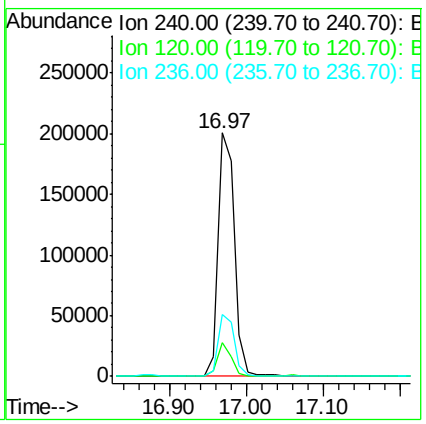


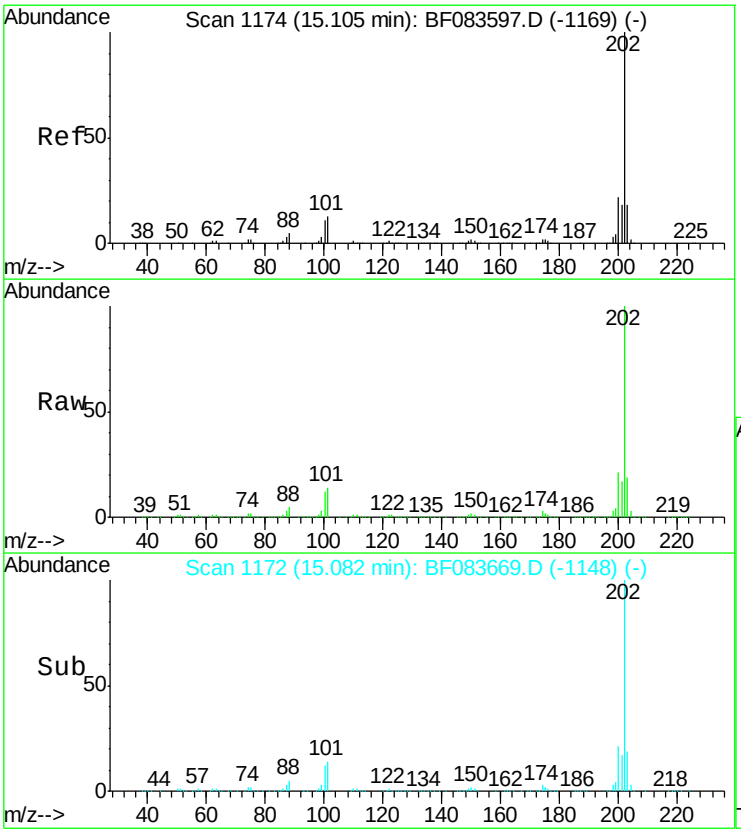
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.97 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:240 Resp: 302106

Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.1	12.1#
236	25.5	20.8	31.2

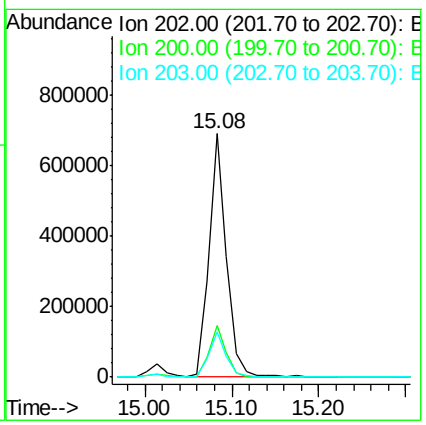


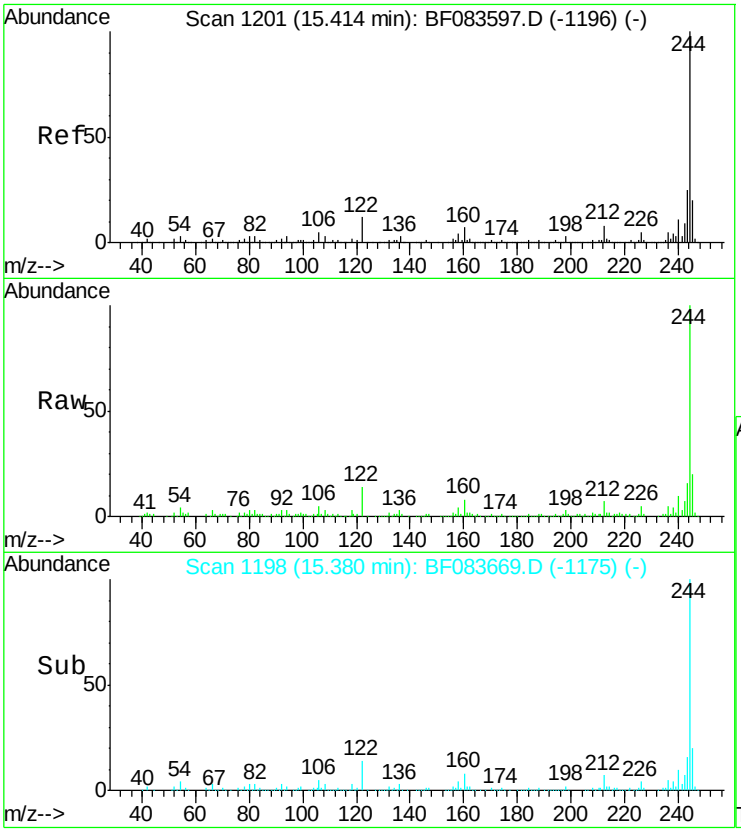


#77
Pyrene
Concen: 44.33 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:202 Resp: 964123

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.7	14.3	21.5



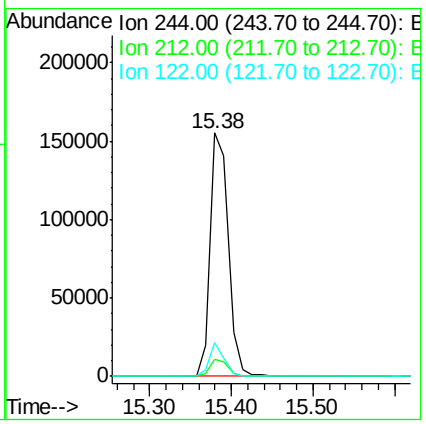


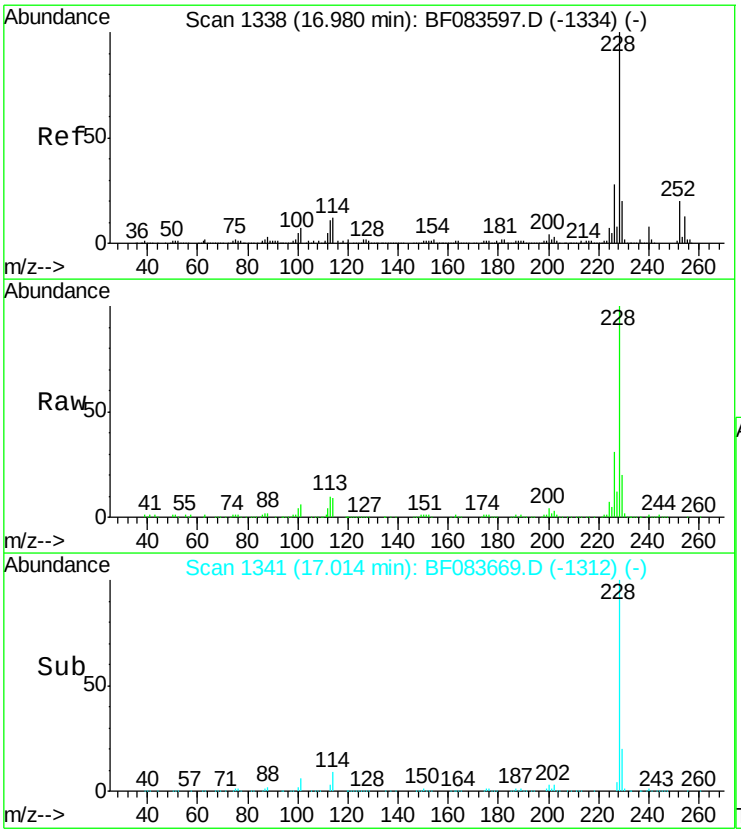
#78
Terphenyl-d14
Concen: 18.81 ng
RT: 15.38 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:244 Resp: 241527

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	14.0	11.0	16.6

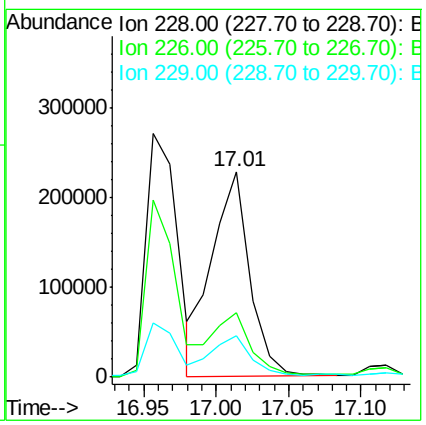


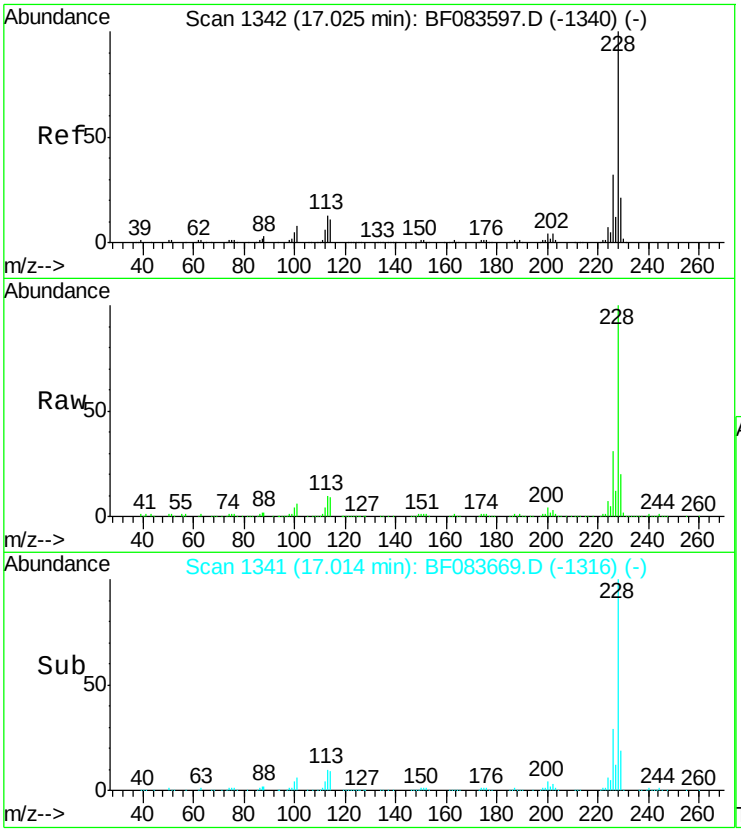


#80
Benzo(a)anthracene
Concen: 23.40 ng
RT: 17.01 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:228 Resp: 413829

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.3	33.5
229	20.0	15.7	23.5



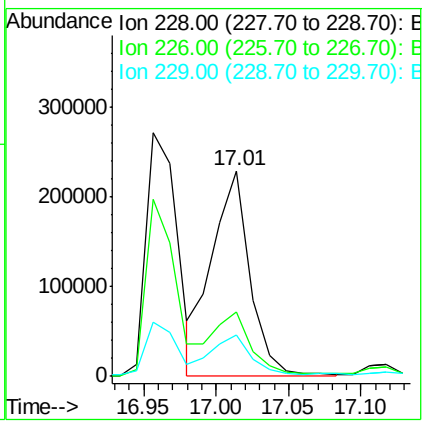


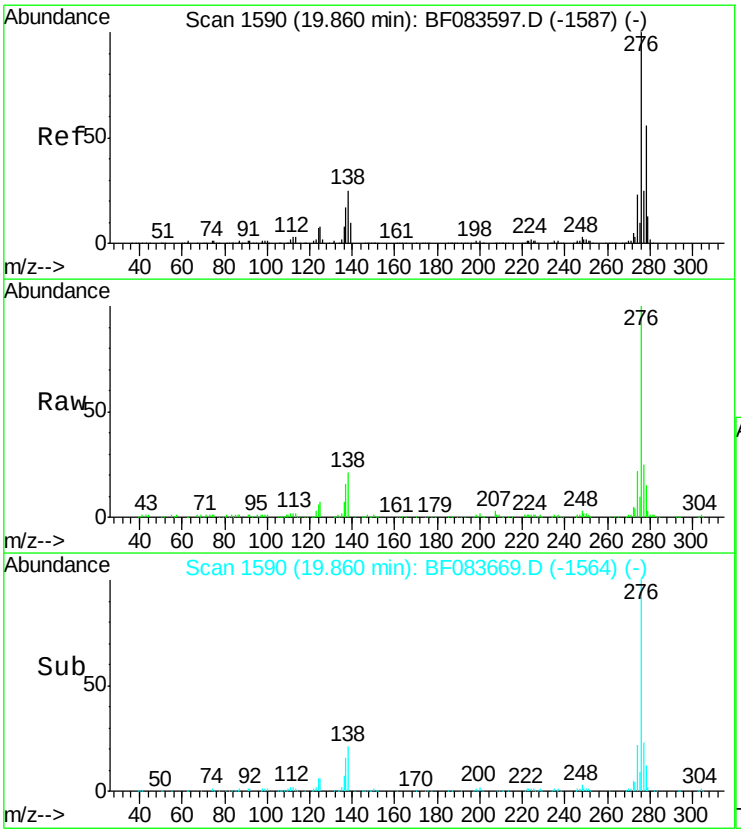
#82
Chrysene
Concen: 23.38 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:228 Resp: 414523

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	20.0	16.3	24.5

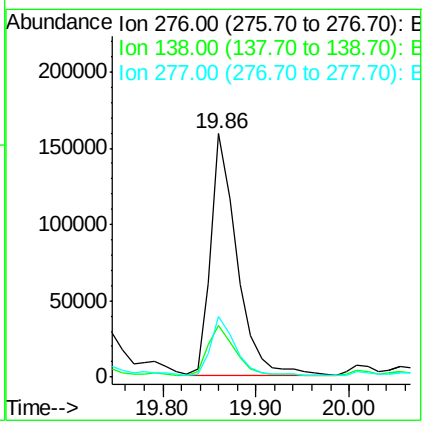


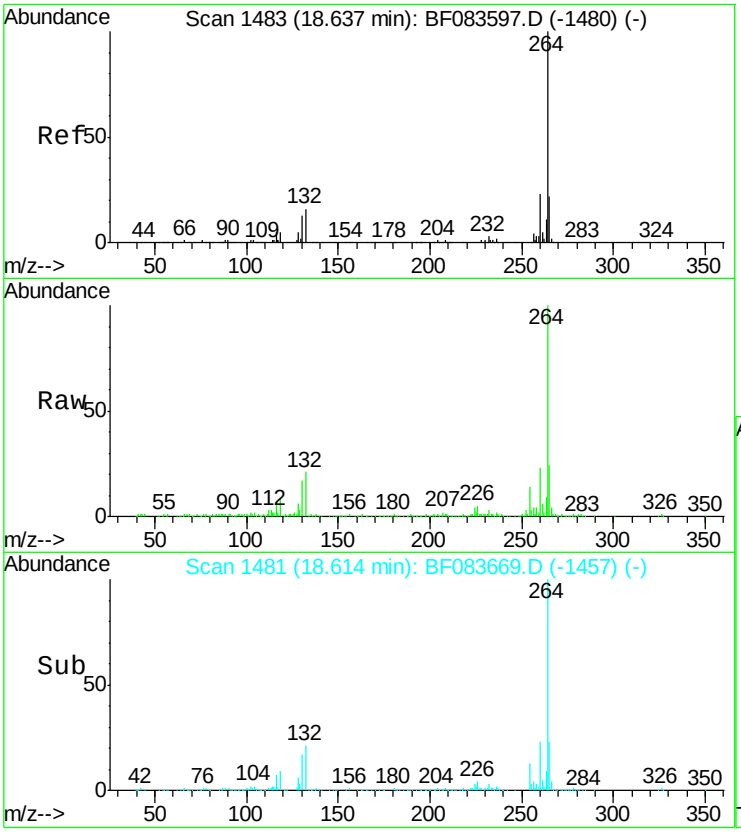


#85
Indeno(1,2,3-cd)pyrene
Concen: 25.79 ng
RT: 19.86 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:276 Resp: 308506

Ion	Ratio	Lower	Upper
276	100		
138	22.6	0.0	0.0#
277	23.8	0.0	0.0#



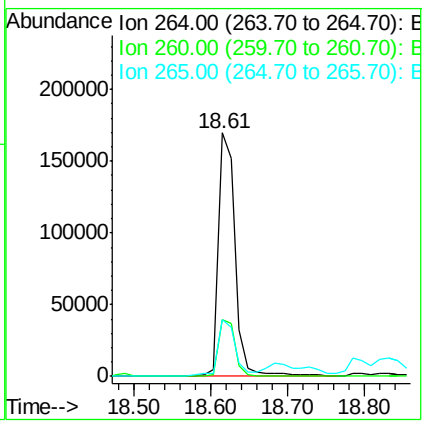


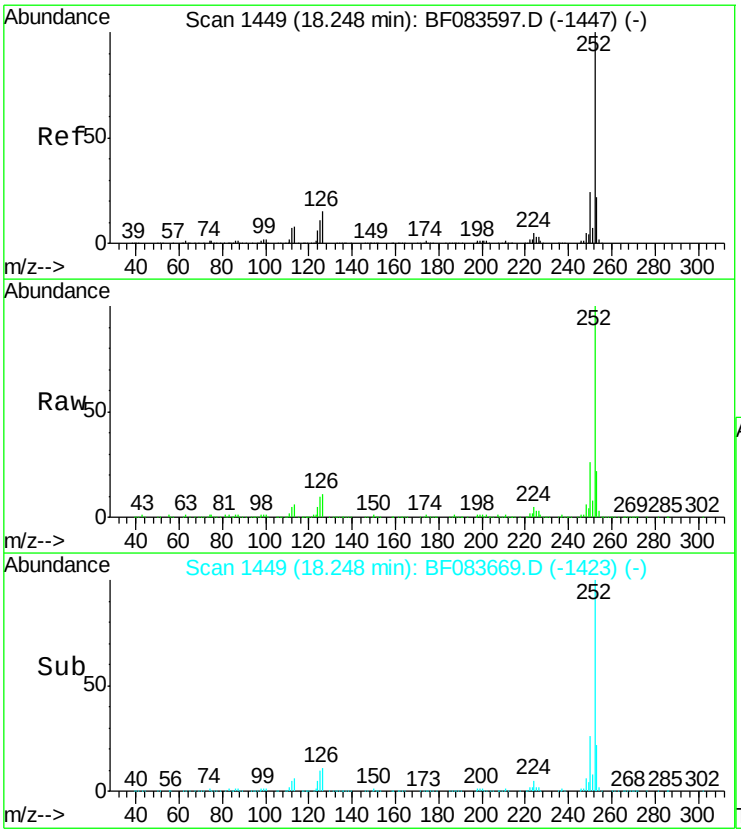
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.61 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:264 Resp: 261470

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	23.5	17.8	26.6

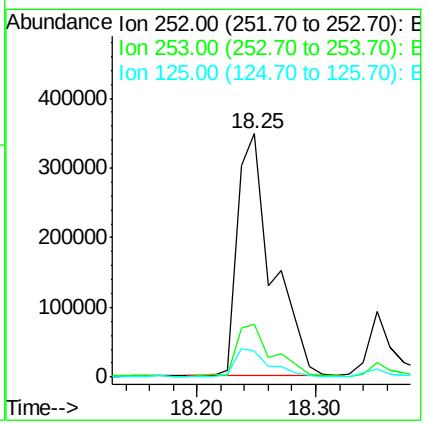


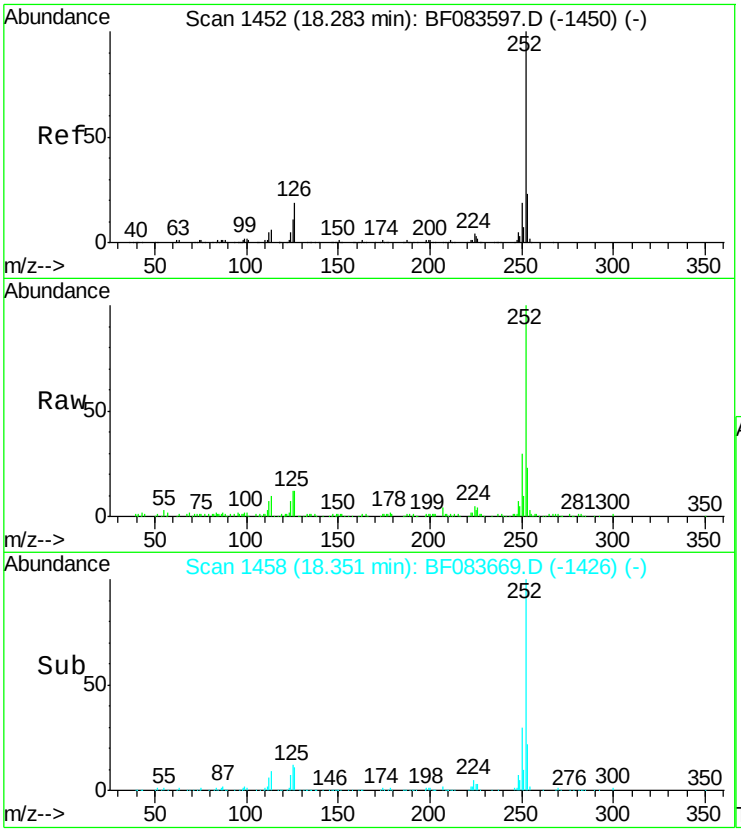


#87
Benzo(b)fluoranthene
Concen: 47.93 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:252 Resp: 713666

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.5	8.2	12.4



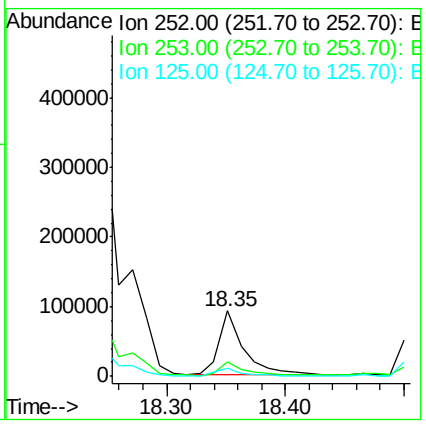


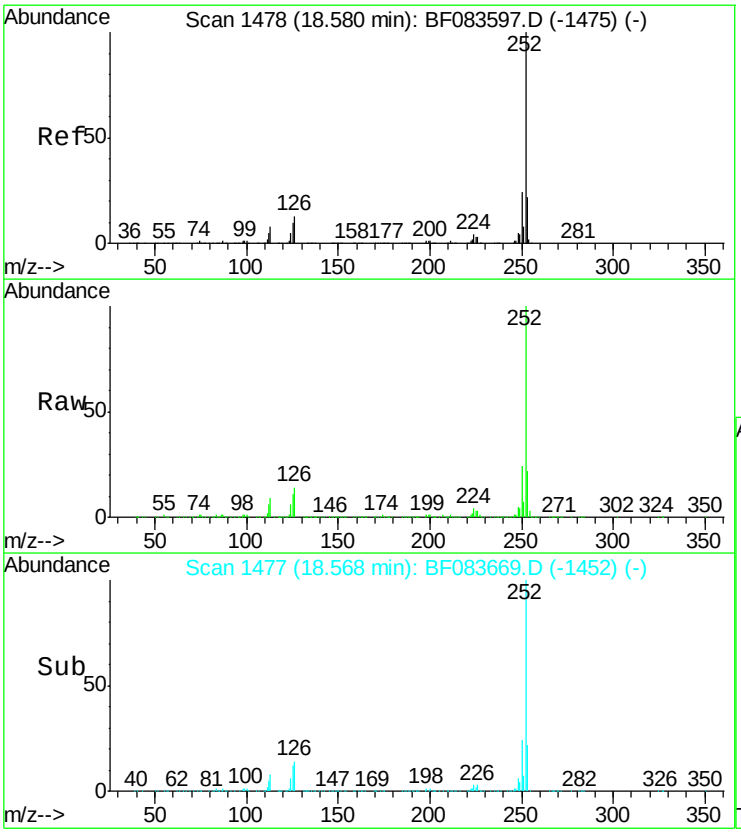
#88
Benzo(k)fluoranthene
Concen: 8.04 ng
RT: 18.35 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:252 Resp: 131855

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	12.2	11.5	17.3

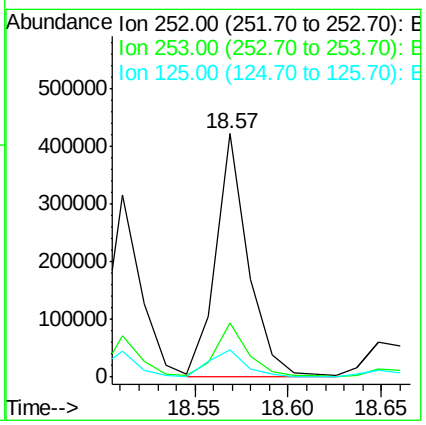


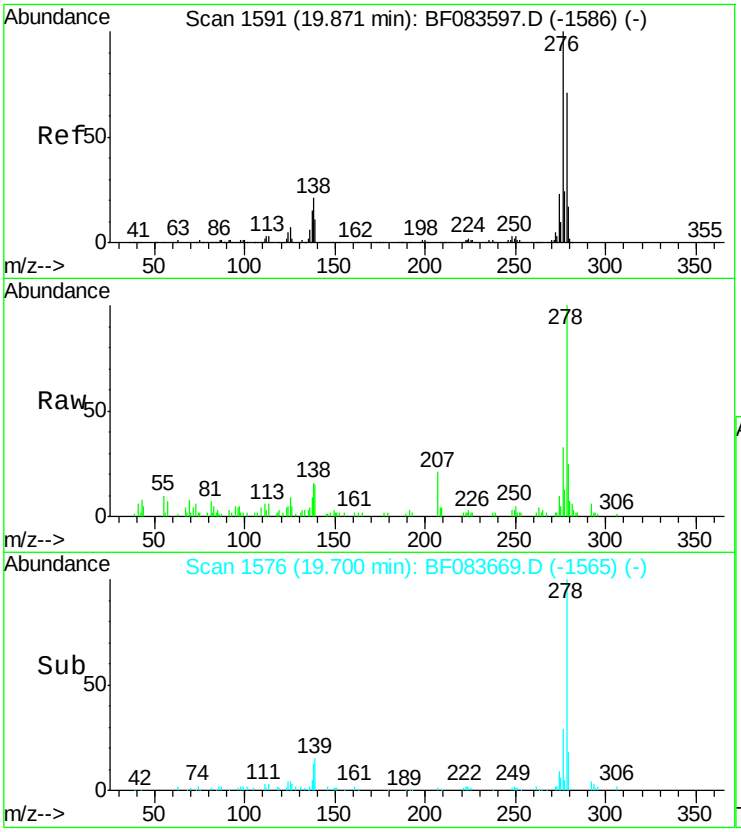


#89
Benzo(a)pyrene
Concen: 34.83 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:252 Resp: 506110

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.1	11.0	16.6



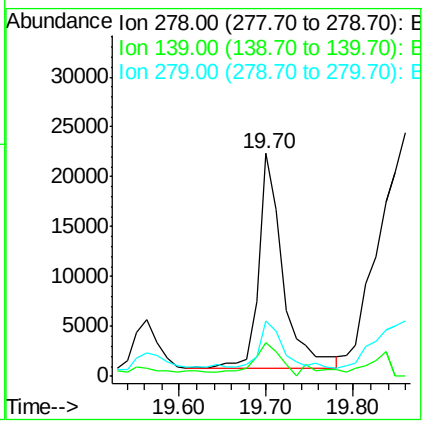


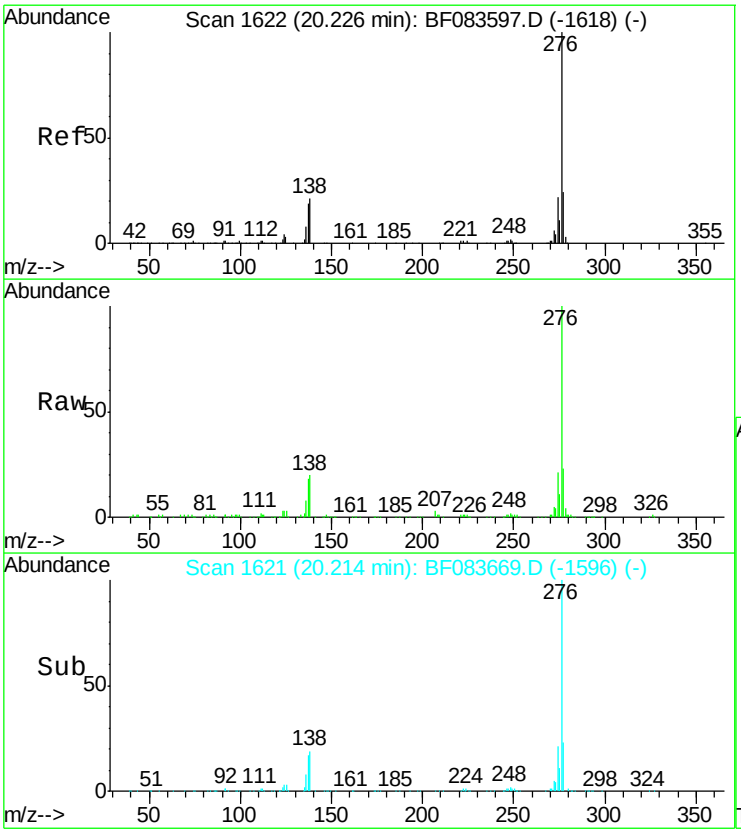
#90
Dibenzo(a,h)anthracene
Concen: 3.76 ng
RT: 19.70 min Scan# 1576
Delta R.T. -0.17 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-01(0-4)DL

Tgt Ion:278 Resp: 41812

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.8	19.2
279	24.7	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 33.79 ng
RT: 20.21 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF083669.D
Acq: 10 Dec 2015 6:45

Tgt Ion:276 Resp: 365966

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	19.9	19.5	29.3