Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083662.D
Acq On : 10 Dec 2015 3:15
Operator : UM/IZ
Sample : G4583-01DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Dec 10 04:38:23 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	138637	20.00	ng		-0.02
21) Naphthalene-d8	7.57	136	525698	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	237789	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	374714	20.00	ng		-0.02
75) Chrysene-d12	16.98	240	303597	20.00	ng		-0.01
86) Perylene-d12	18.63	264	256757	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.96	112	737603	80.70	ng		-0.01
7) Phenol-d6	5.25	99	1040960	85.23	ng		-0.02
23) Nitrobenzene-d5	6.51	82	636905	56.53	ng		-0.02
41) 2,4,6-Tribromophenol	11.65	330	136340	64.36	ng		-0.03
44) 2-Fluorobiphenyl	9.32	172	1015331	60.10	ng		-0.02
78) Terphenyl-d14	15.39	244	694428	53.82	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.51	70	75578	8.87	ng	#	77
31) Naphthalene	7.62	128	84089	3.02	ng		97
48) Acenaphthylene	10.13	152	224826	8.74	ng		98
49) Dimethylphthalate	10.01	163	85387	4.51	ng		98
51) Acenaphthene	10.42	154	36376	2.47	ng		98
57) Fluorene	11.27	166	38636	2.17	ng		98
70) Phenanthrene	12.80	178	544662	25.30	ng		99
71) Anthracene	12.90	178	130720	5.86	ng		99
74) Fluoranthene	14.73	202	747628	33.95	ng		99
77) Pyrene	15.08	202	1107524	50.67	ng		99
80) Benzo(a)anthracene	17.01	228	366710	20.64	ng		95
82) Chrysene	17.01	228	367489	20.63	ng		99
85) Indeno(1,2,3-cd)pyrene	19.86	276	305657	25.42	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	711198	48.64	ng		99
88) Benzo(k)fluoranthene	18.35	252	132829	8.24	ng		98
89) Benzo(a)pyrene	18.57	252	511181	35.83	ng		97
91) Benzo(g,h,i)perylene	20.21	276	363320	34.16	ng		96

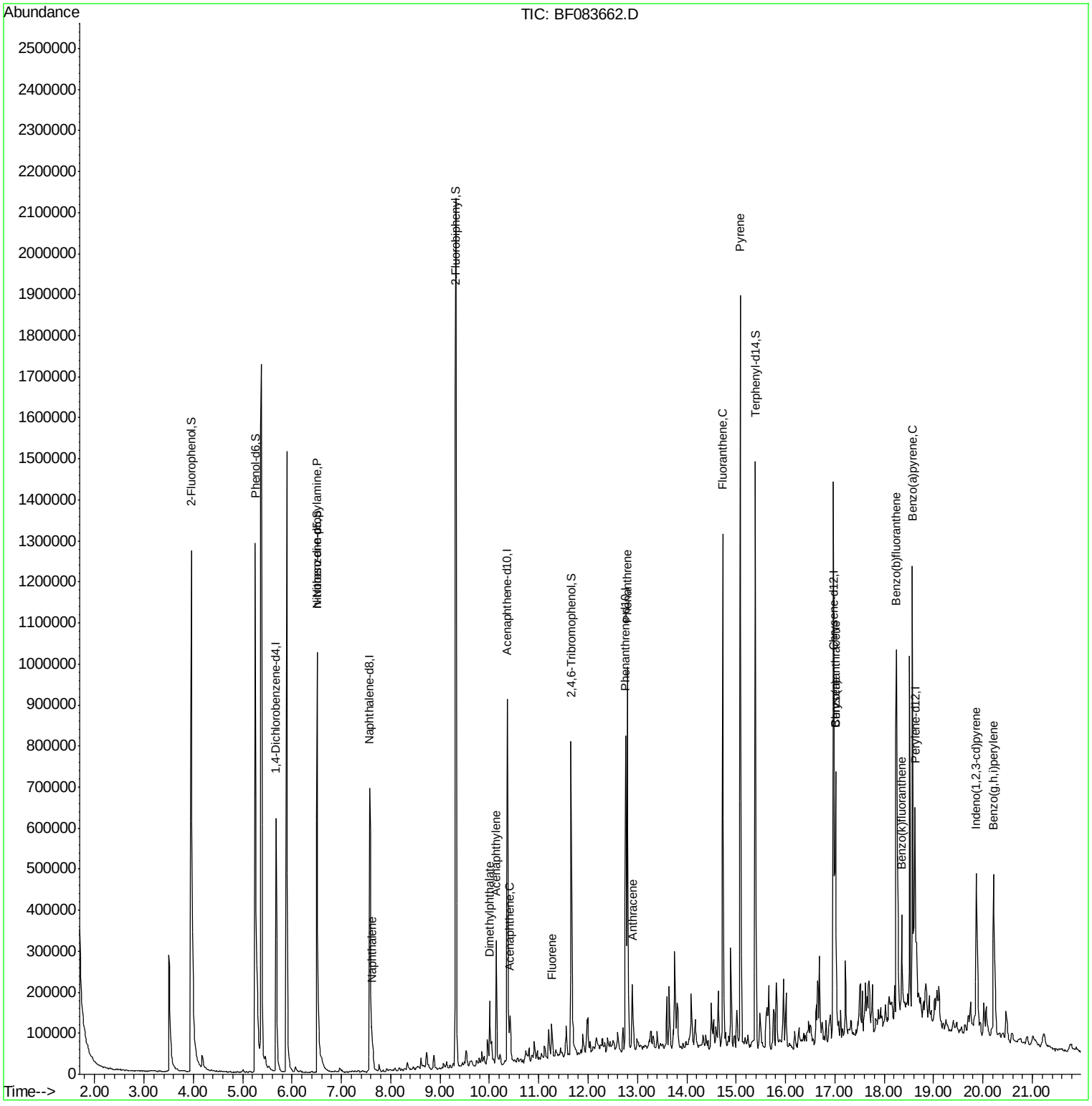
(#) = qualifier out of range (m) = manual integration (+) = signals summed

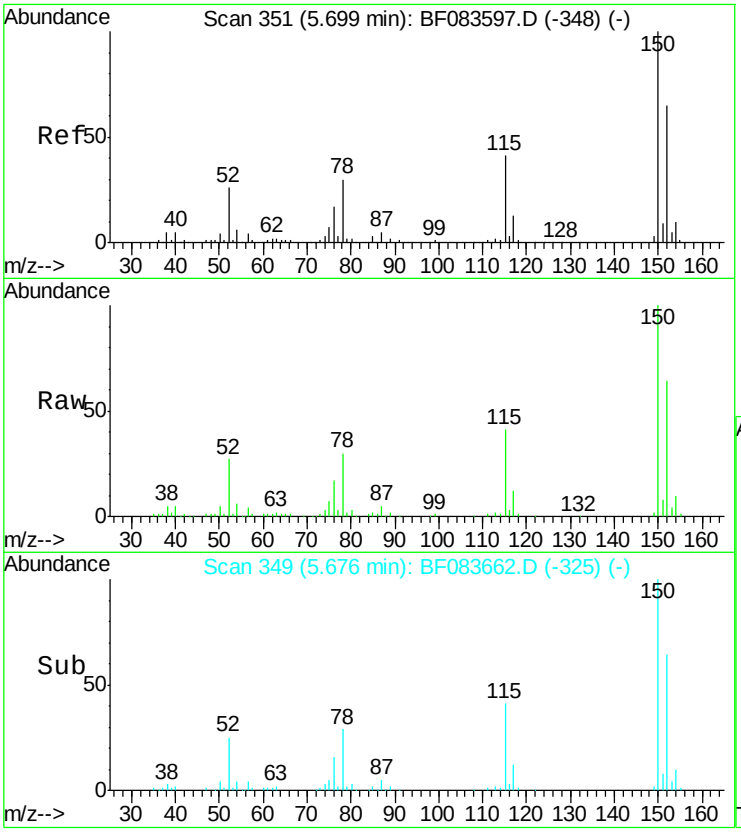
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083662.D
Acq On : 10 Dec 2015 3:15
Operator : UM/IZ
Sample : G4583-01DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Dec 10 04:38:23 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



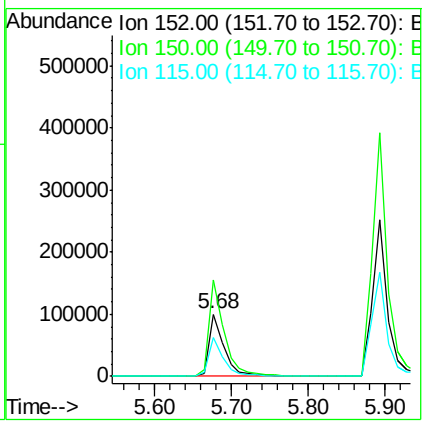


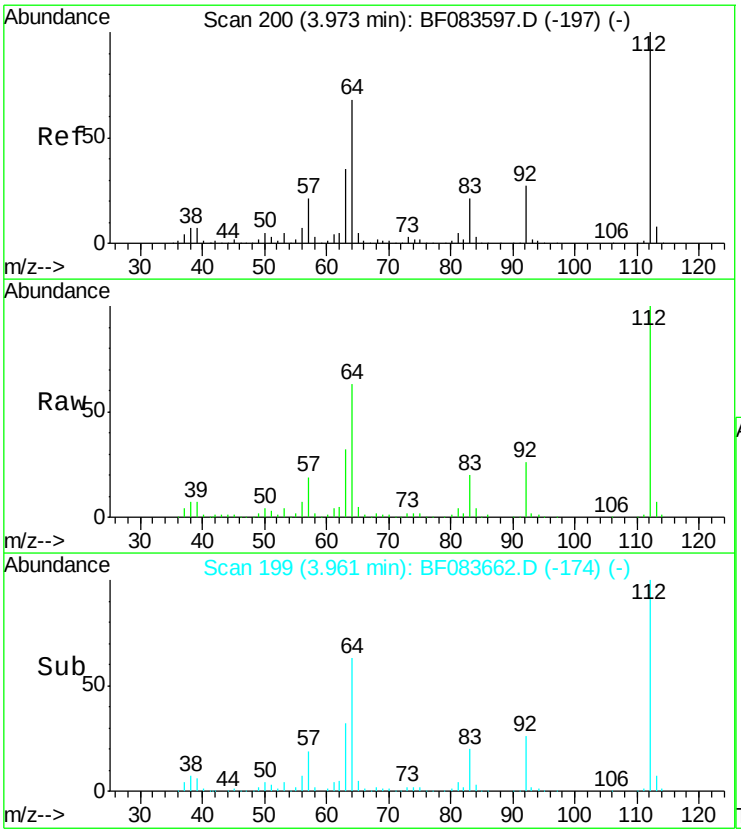
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:152 Resp: 138637

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.5	189.7
115	63.2	52.3	78.5

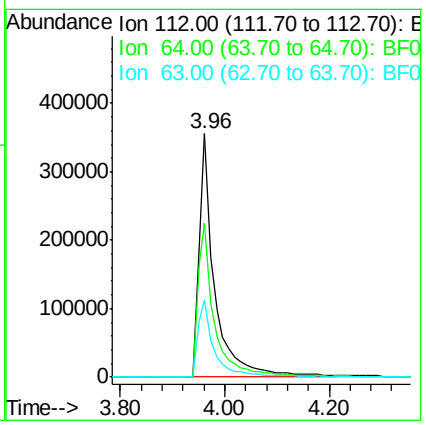


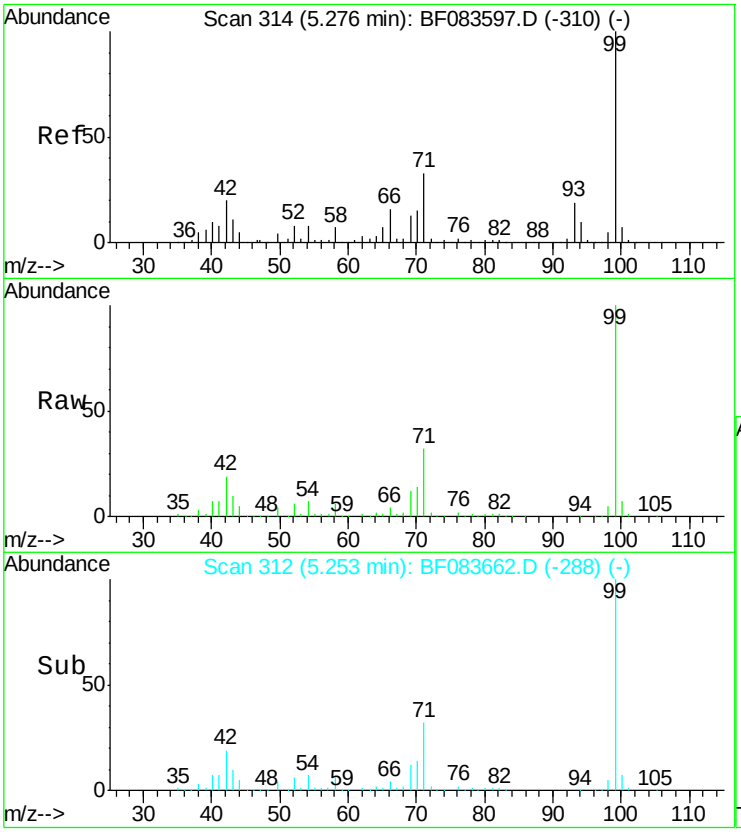


#5
2-Fluorophenol
Concen: 80.70 ng
RT: 3.96 min Scan# 199
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:112 Resp: 737603

Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.5	75.7
63	31.6	25.8	38.6



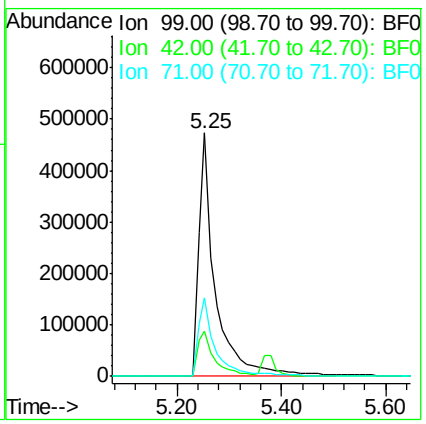


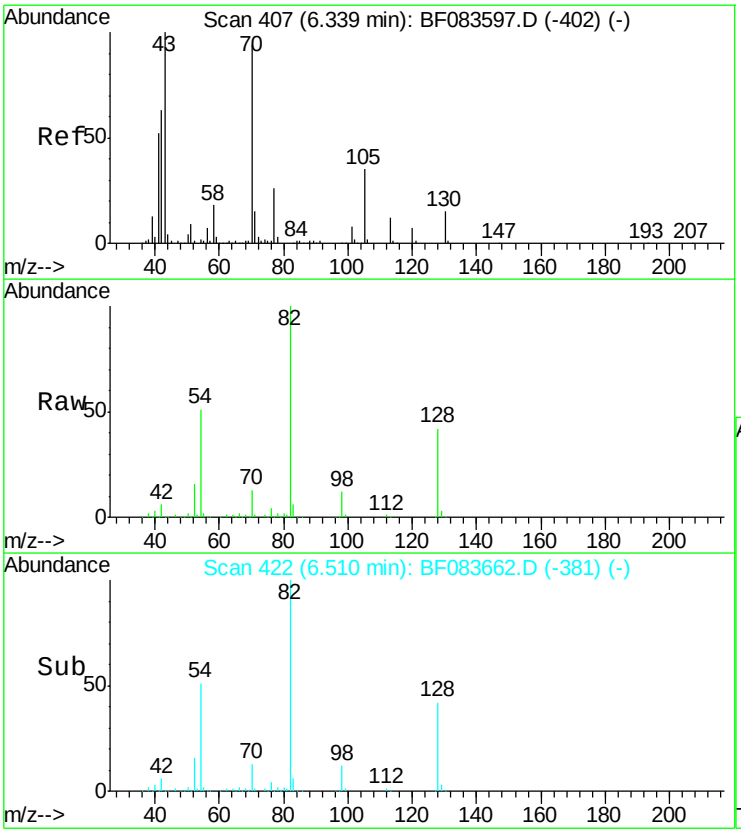
#7
Phenol-d6
Concen: 85.23 ng
RT: 5.25 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion: 99 Resp: 1040960

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.3	25.9
71	32.0	26.6	40.0

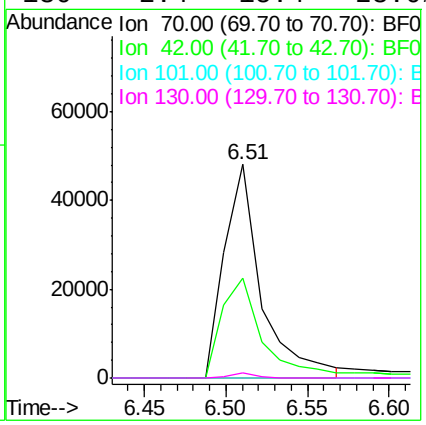


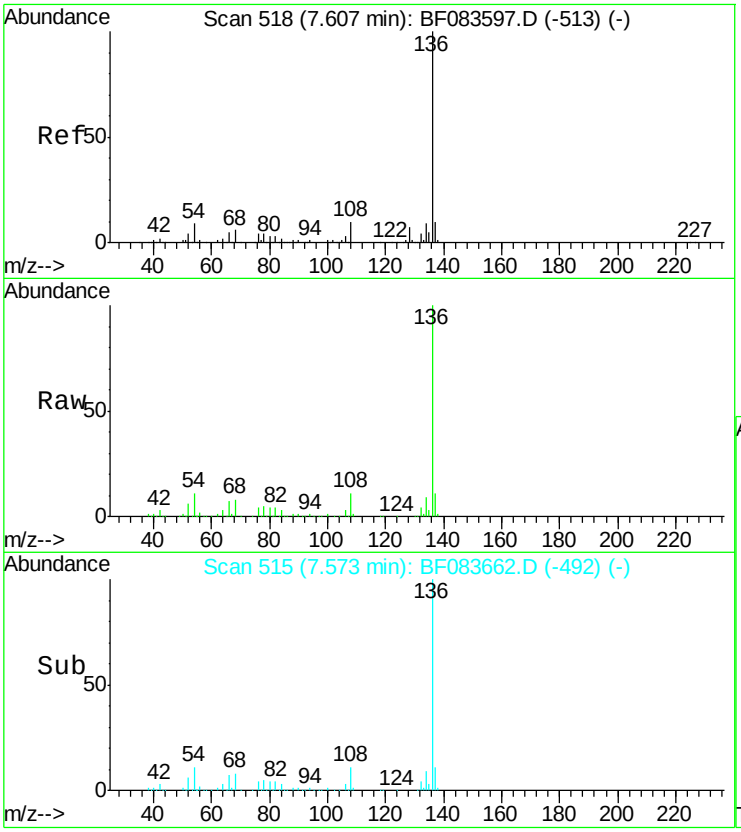


#19
n-Nitroso-di-n-propylamine
Concen: 8.87 ng
RT: 6.51 min Scan# 422
Delta R.T. 0.17 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion: 70 Resp: 75578

Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.2	73.8#
101	0.0	7.1	10.7#
130	2.4	15.4	23.0#



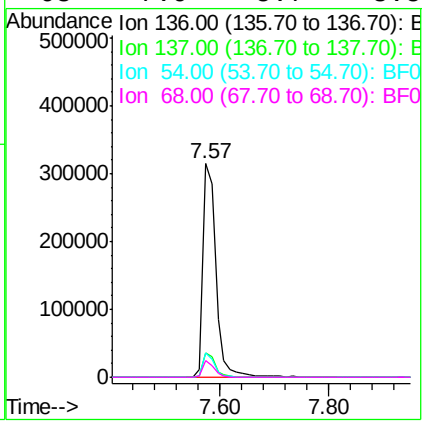


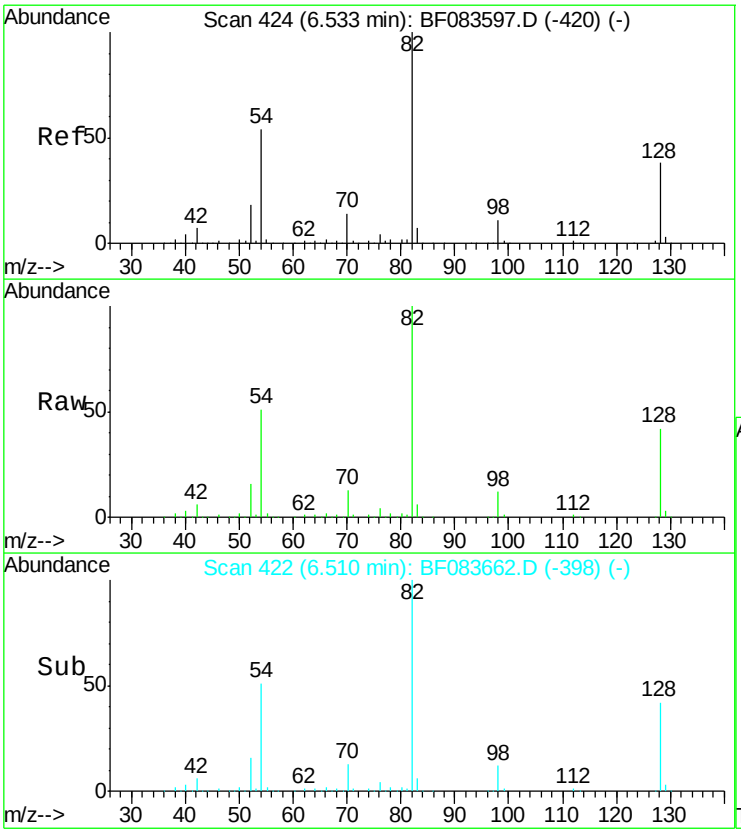
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:136 Resp: 525698

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.5	7.8	11.6
68	7.9	5.7	8.5

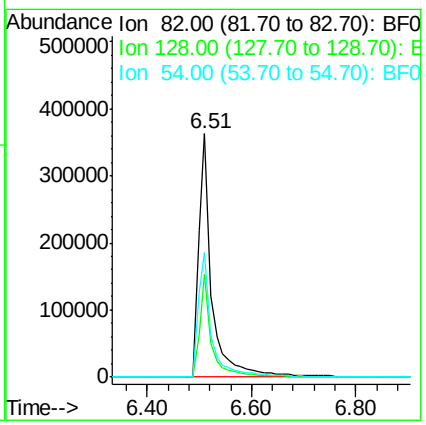


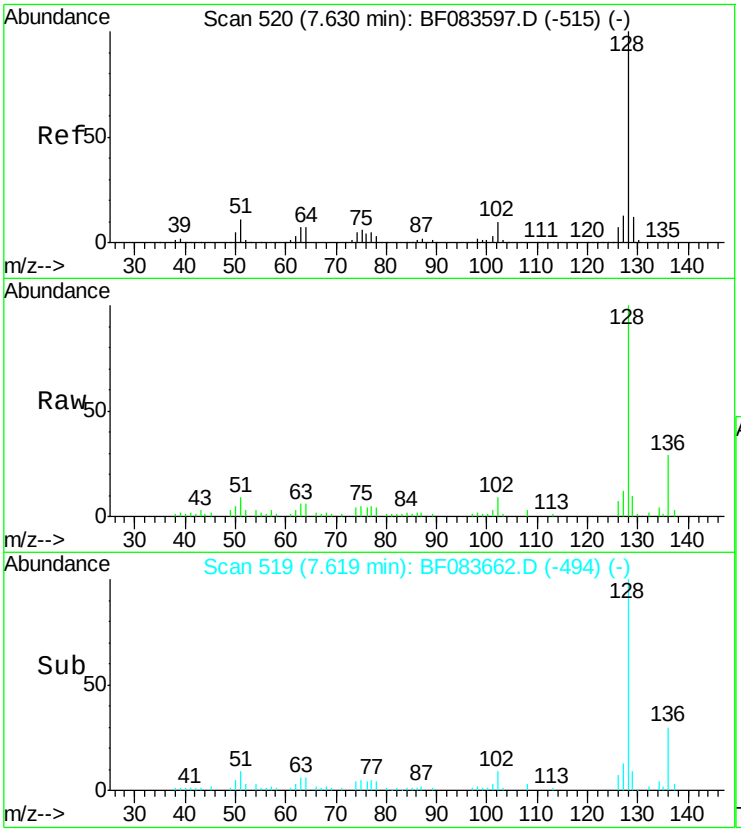


#23
Nitrobenzene-d5
Concen: 56.53 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion: 82 Resp: 636905

Ion	Ratio	Lower	Upper
82	100		
128	42.0	30.7	46.1
54	50.9	42.5	63.7



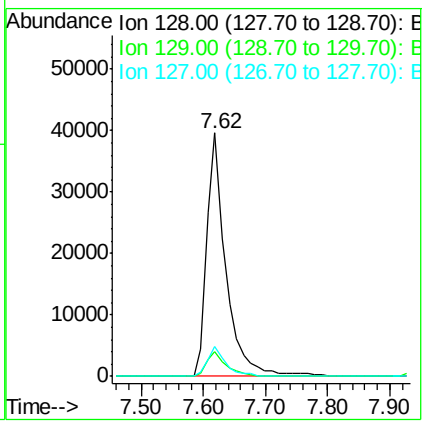


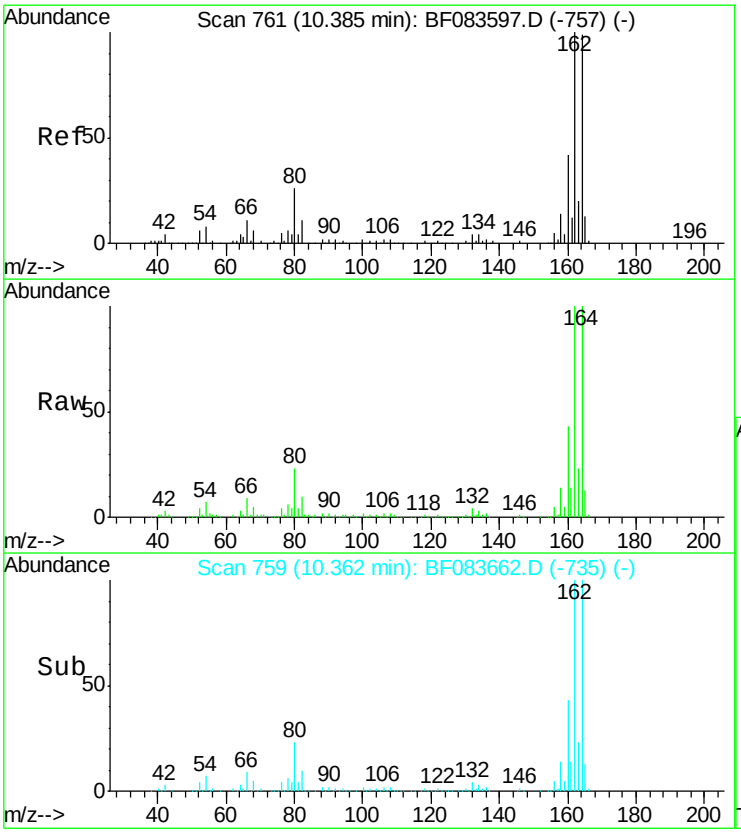
#31
Naphthalene
Concen: 3.02 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:128 Resp: 84089

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.6	13.0
127	12.2	10.6	16.0

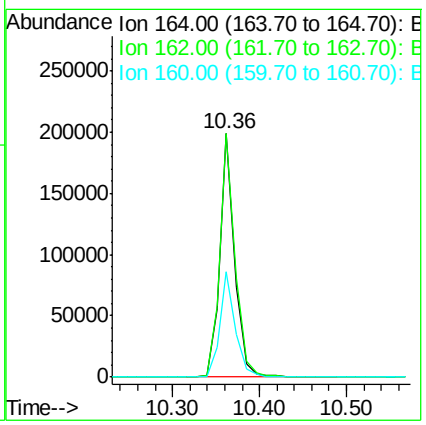


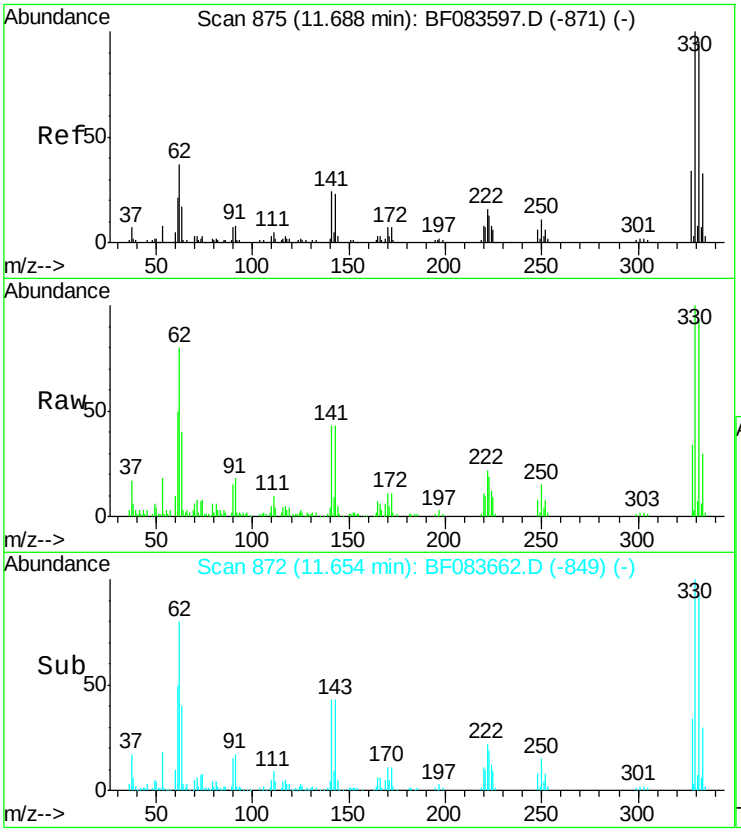


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:164 Resp: 237789

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	43.1	33.4	50.2



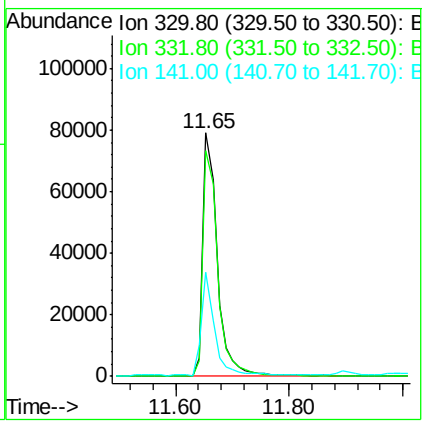


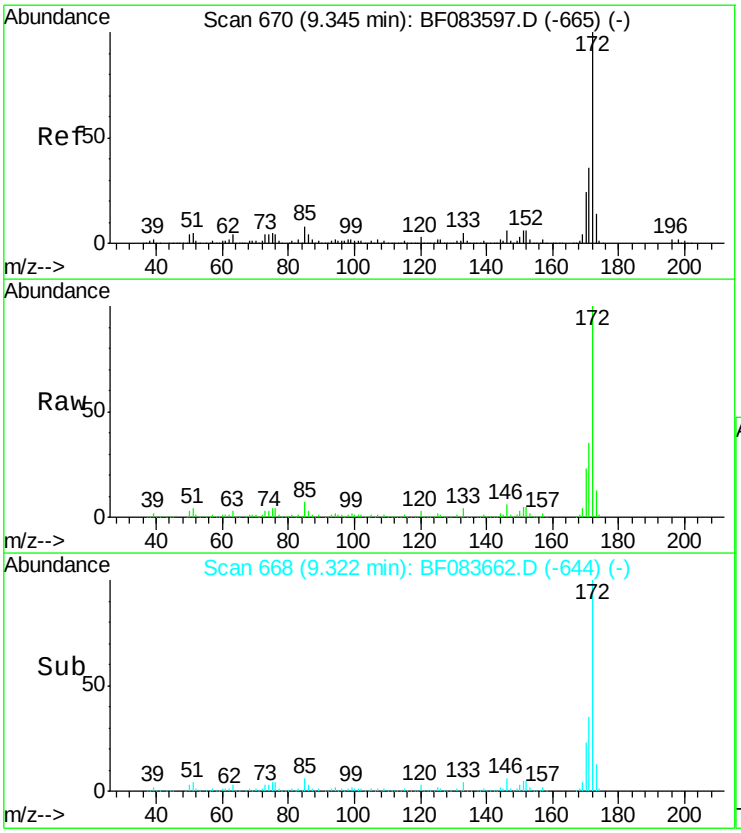
#41
2,4,6-Tribromophenol
Concen: 64.36 ng
RT: 11.65 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:330 Resp: 136340

Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	41.7	0.0	0.0#

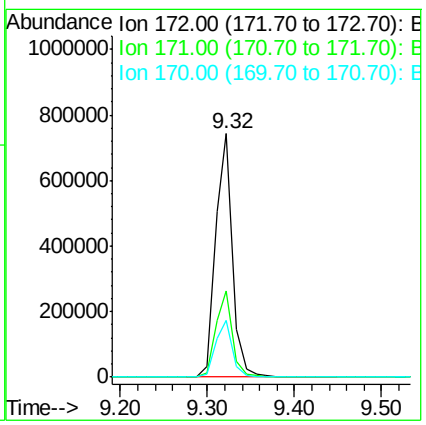


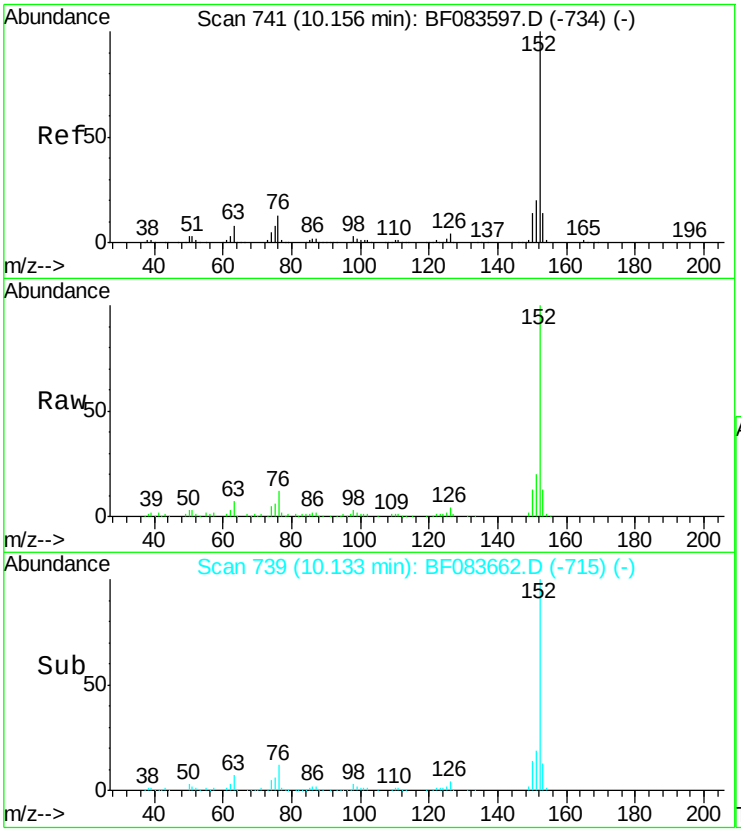


#44
2-Fluorobiphenyl
Concen: 60.10 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:172 Resp: 1015331

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.1	19.4	29.0



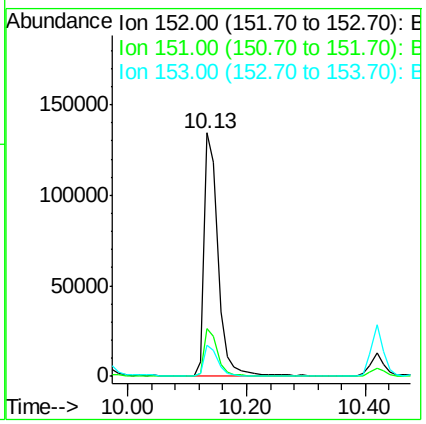


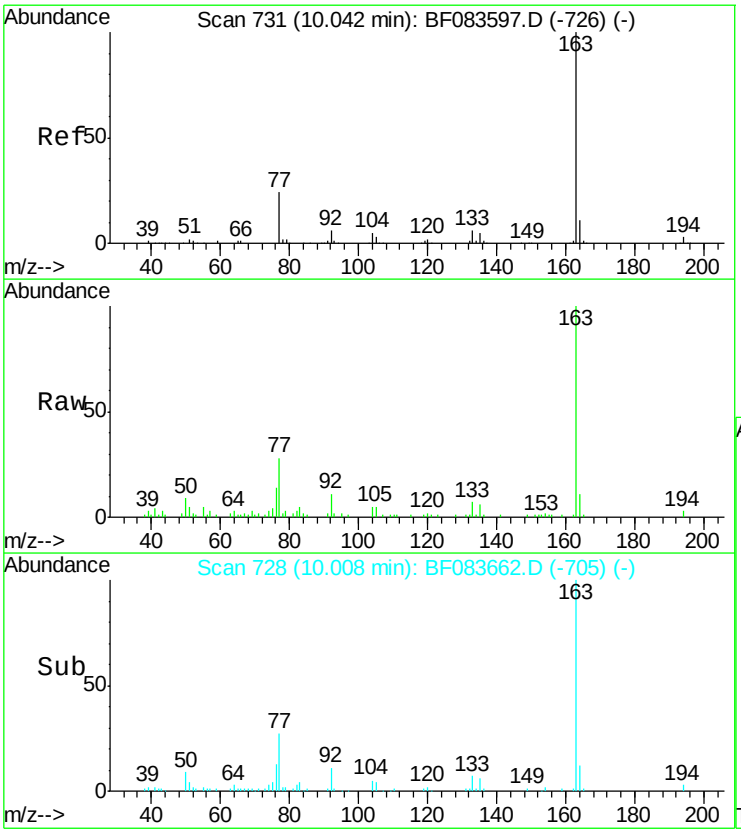
#48
Acenaphthylene
Concen: 8.74 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:152 Resp: 224826

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.0	10.8	16.2

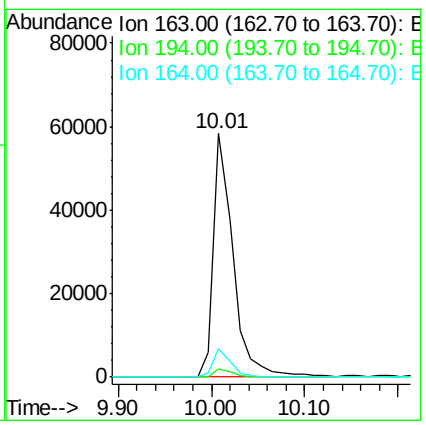


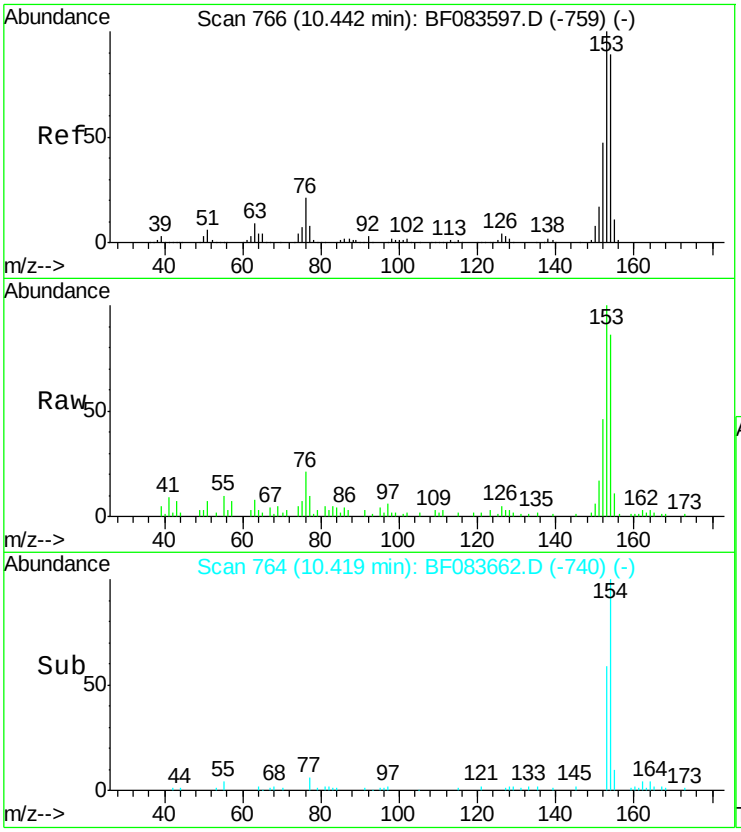


#49
Dimethylphthalate
Concen: 4.51 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:163 Resp: 85387

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	11.5	8.6	13.0



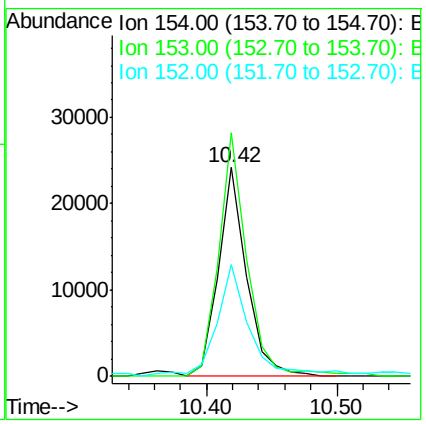


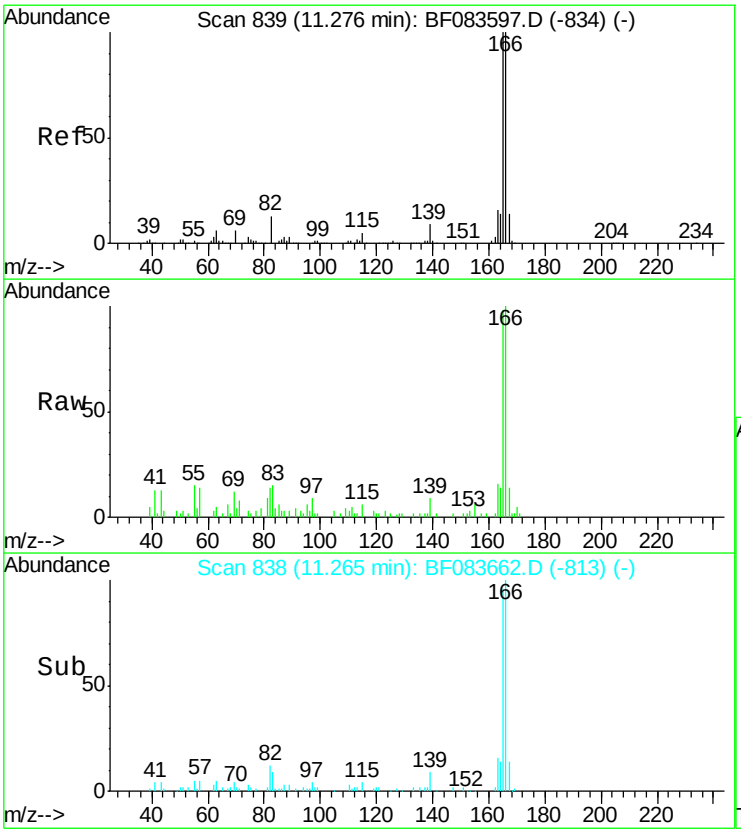
#51
Acenaphthene
Concen: 2.47 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:154 Resp: 36376

Ion	Ratio	Lower	Upper
154	100		
153	116.6	91.4	137.0
152	53.4	43.4	65.2

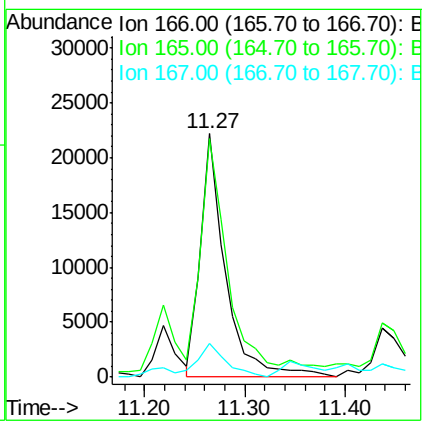


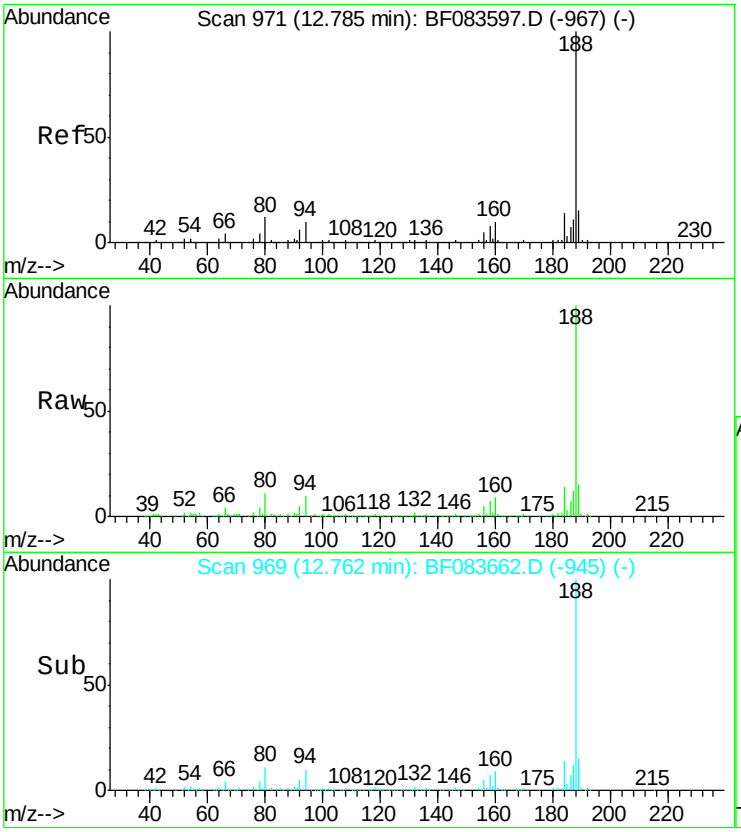


#57
Fluorene
Concen: 2.17 ng
RT: 11.27 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:166 Resp: 38636

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	13.6	10.6	16.0



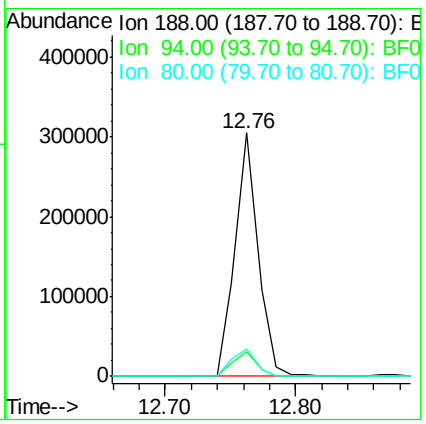


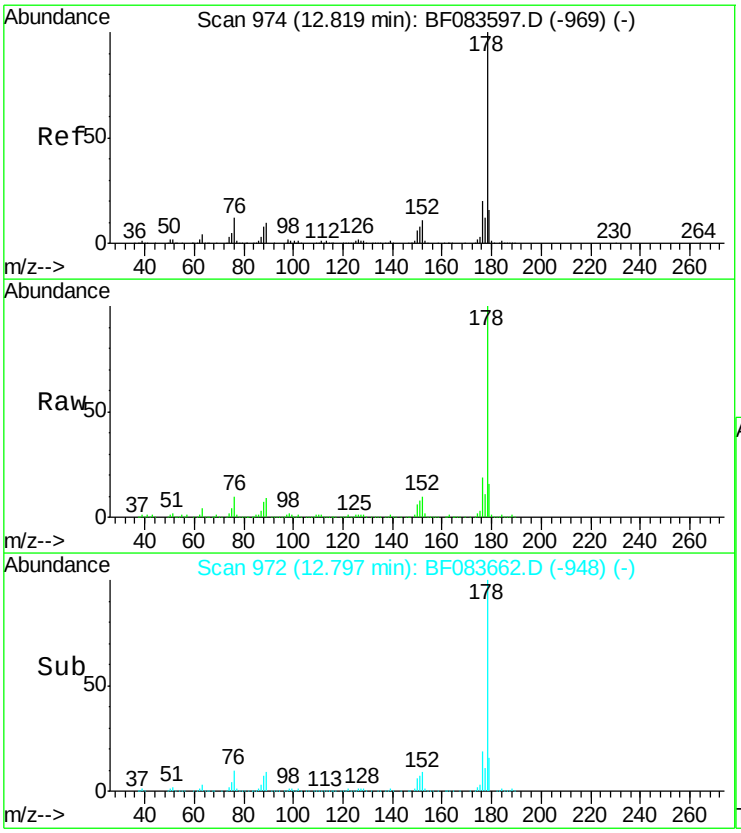
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:188 Resp: 374714

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.4	10.6	16.0

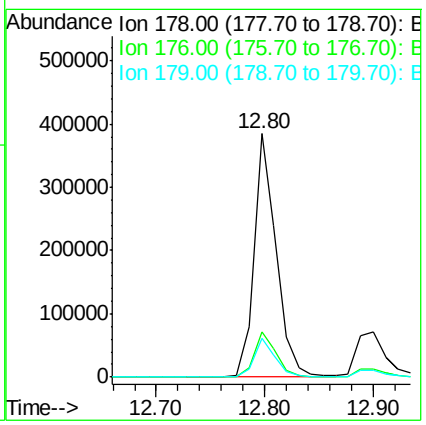


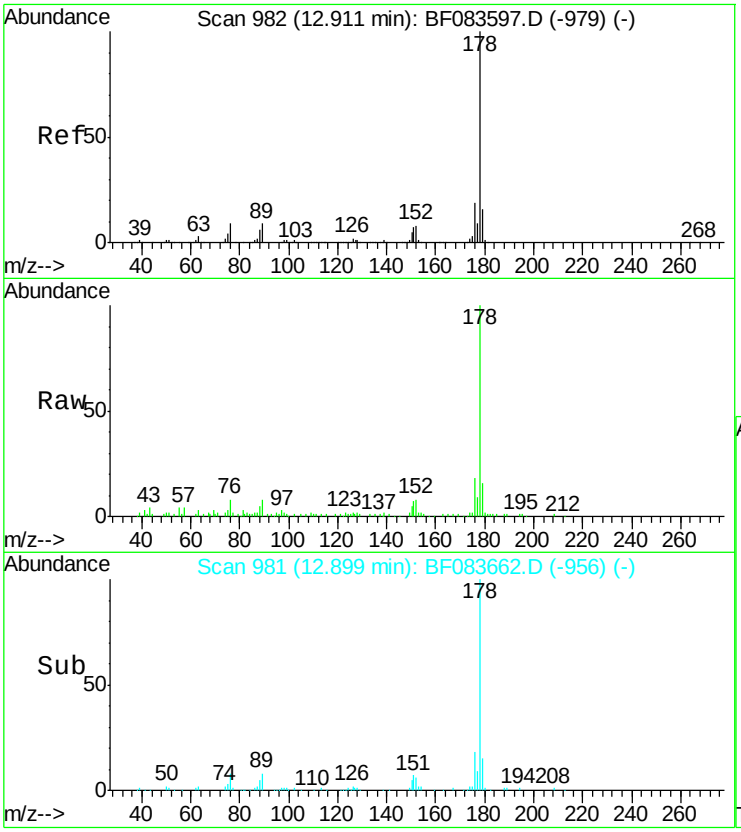


#70
Phenanthrene
Concen: 25.30 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:178 Resp: 544662

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.7	12.2	18.4



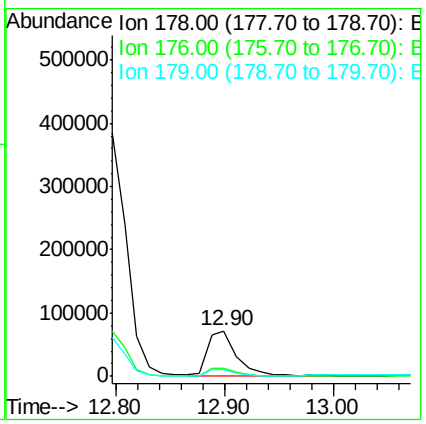


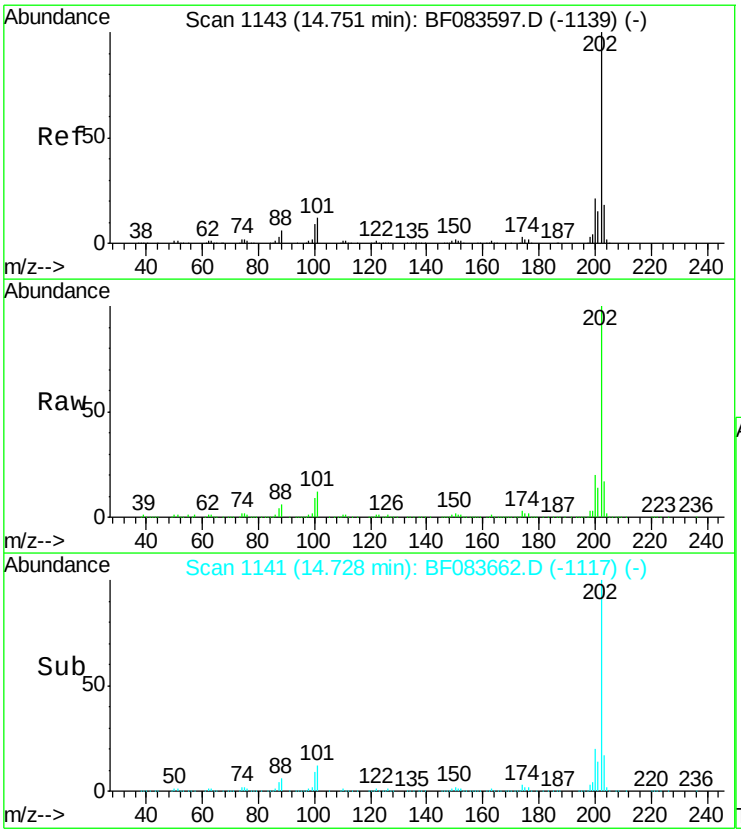
#71
Anthracene
Concen: 5.86 ng
RT: 12.90 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:178 Resp: 130720

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.6	12.6	18.8

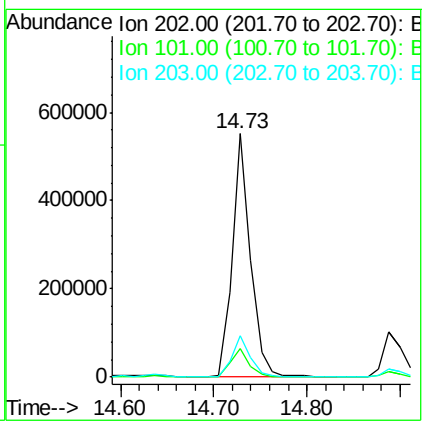


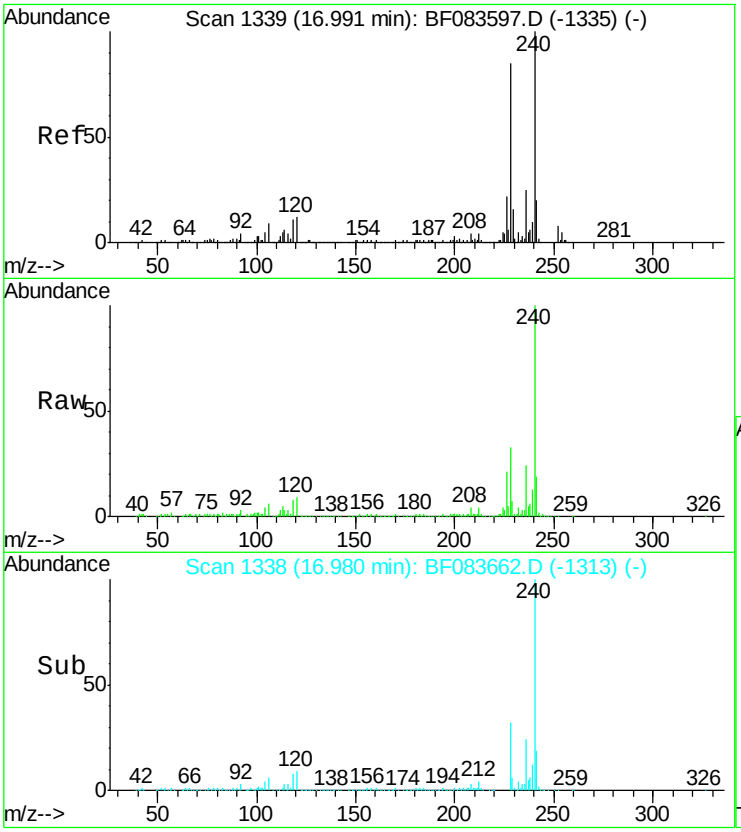


#74
Fluoranthene
Concen: 33.95 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:202 Resp: 747628

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.5
203	17.2	0.0	37.6



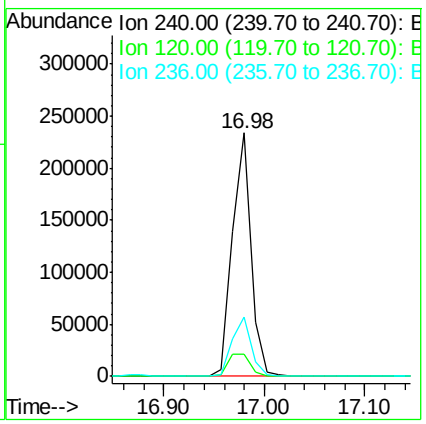


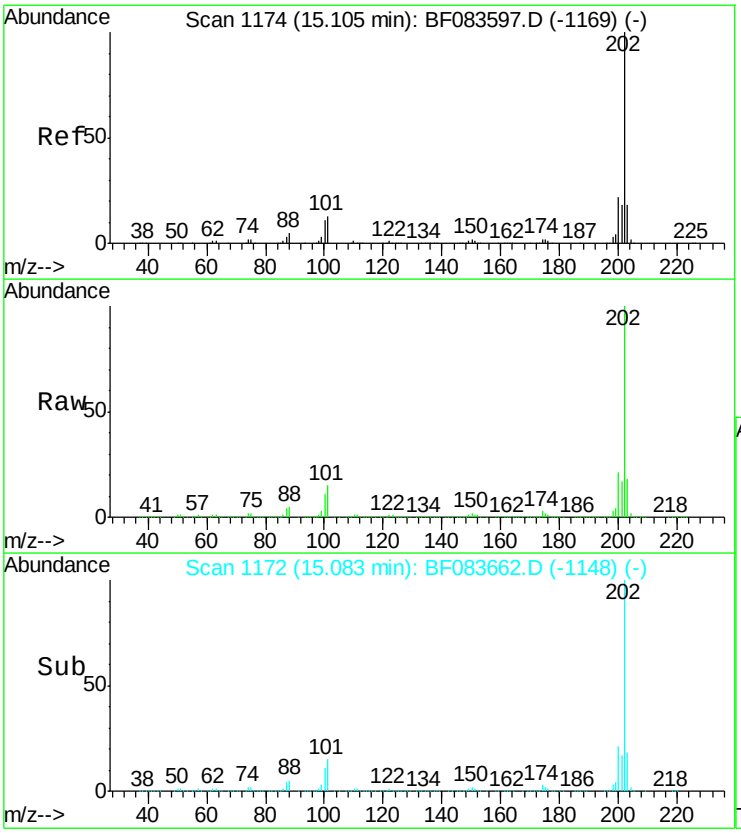
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:240 Resp: 303597

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	24.3	20.8	31.2

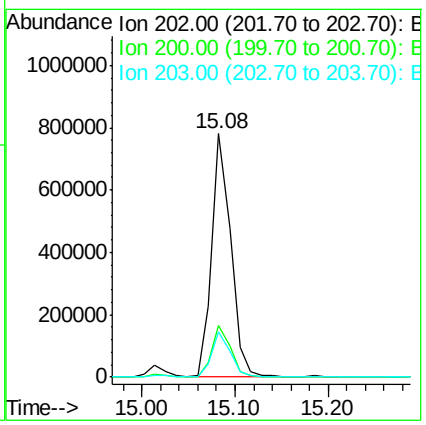


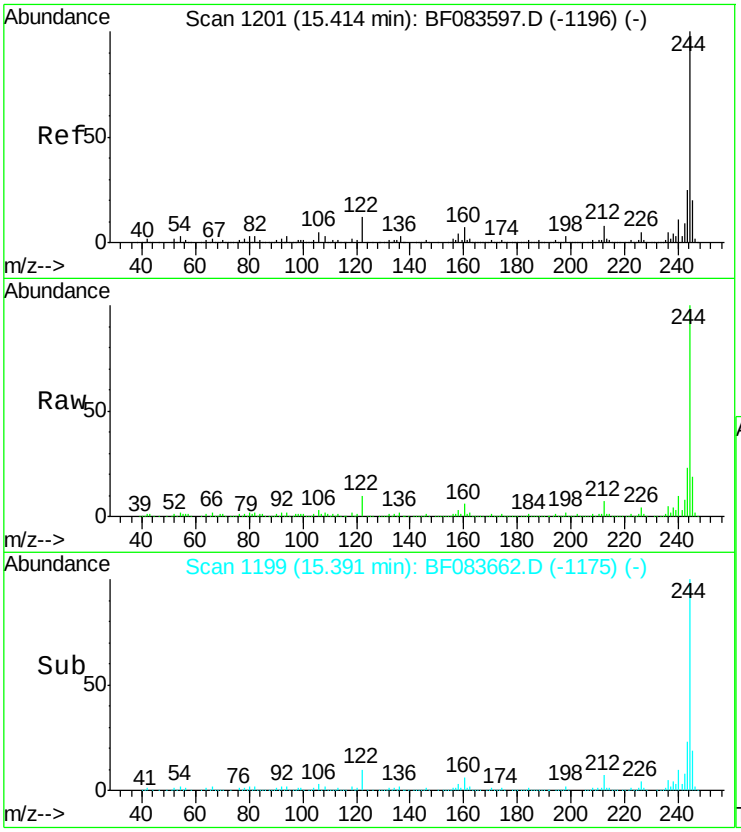


#77
Pyrene
Concen: 50.67 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:202 Resp: 1107524

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.4	14.3	21.5



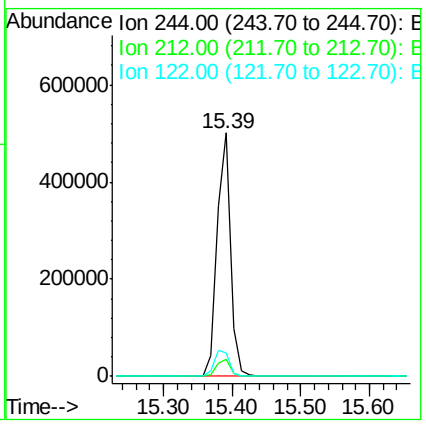


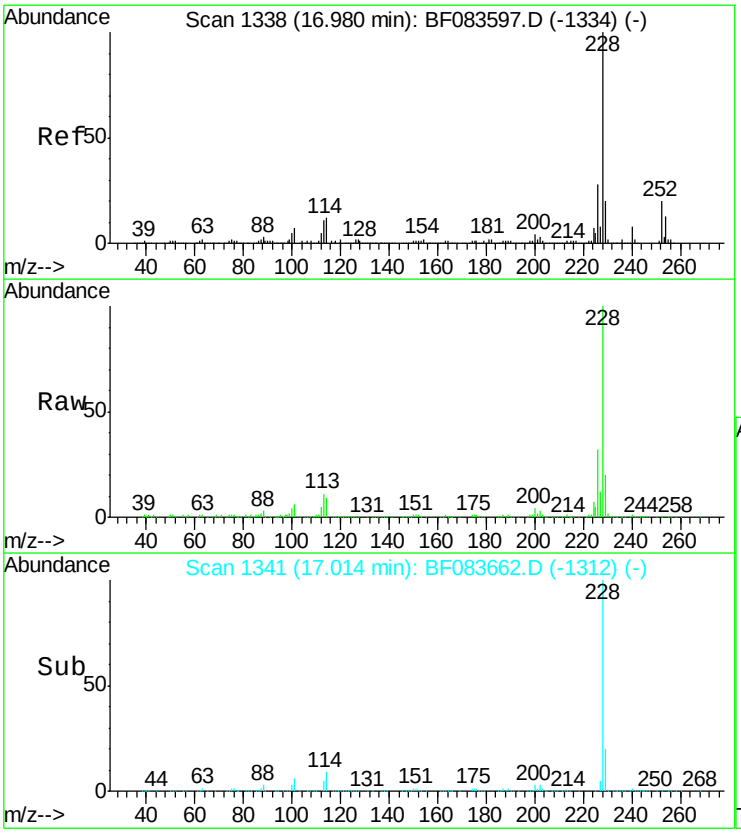
#78
Terphenyl-d14
Concen: 53.82 ng
RT: 15.39 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:244 Resp: 694428

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	9.7	11.0	16.6#

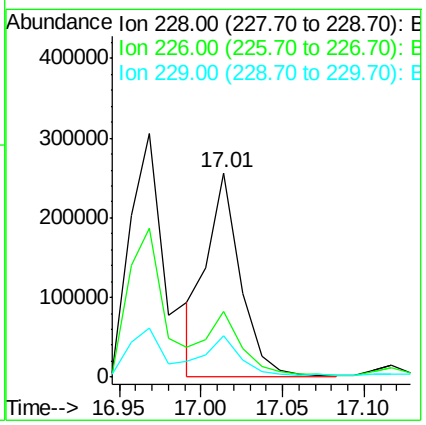


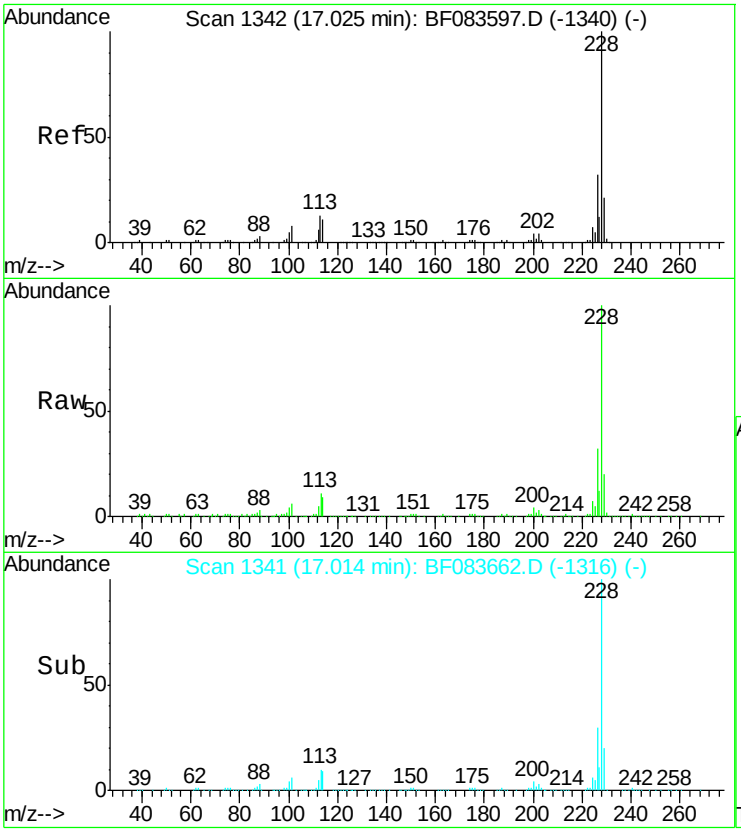


#80
Benzo(a)anthracene
Concen: 20.64 ng
RT: 17.01 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:228 Resp: 366710

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.3	33.5
229	20.4	15.7	23.5



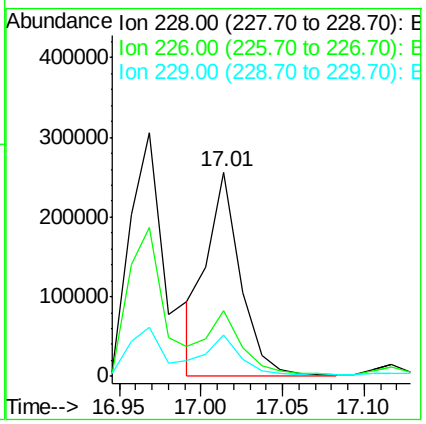


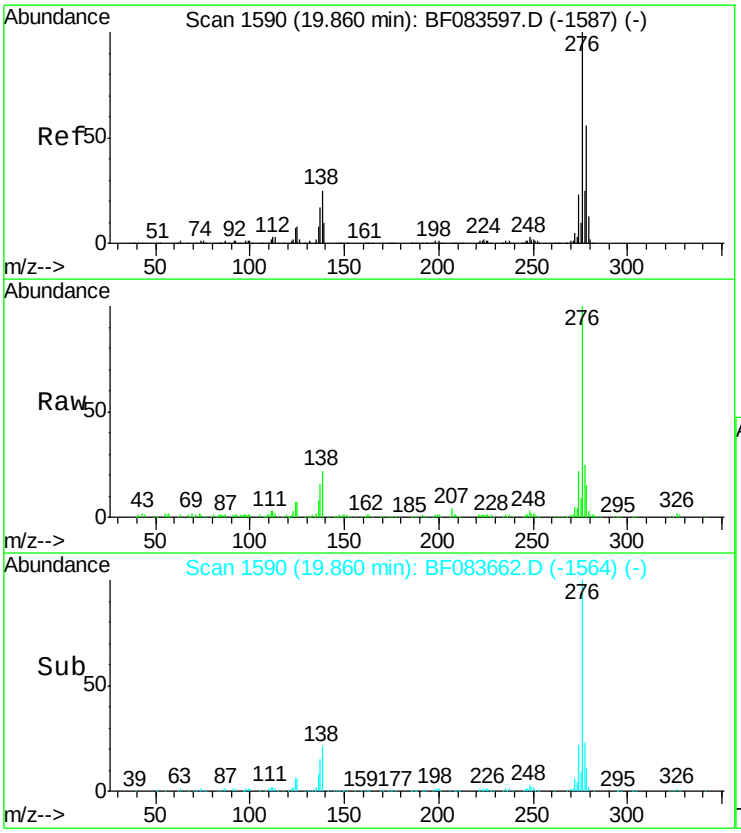
#82
Chrysene
Concen: 20.63 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:228 Resp: 367489

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	20.4	16.3	24.5

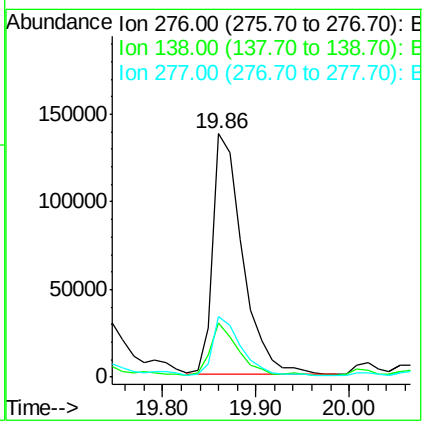


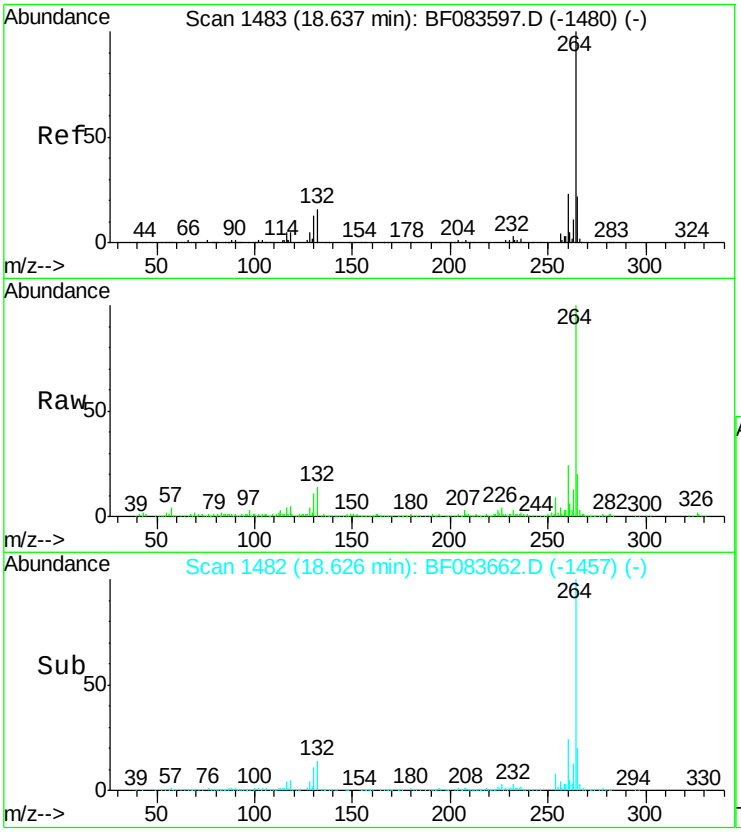


#85
Indeno(1,2,3-cd)pyrene
Concen: 25.42 ng
RT: 19.86 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:276 Resp: 305657

Ion	Ratio	Lower	Upper
276	100		
138	19.8	0.0	0.0#
277	23.7	0.0	0.0#



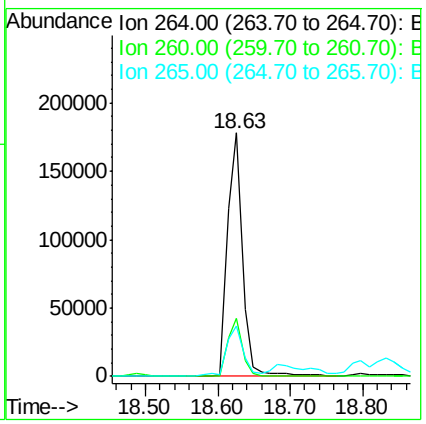


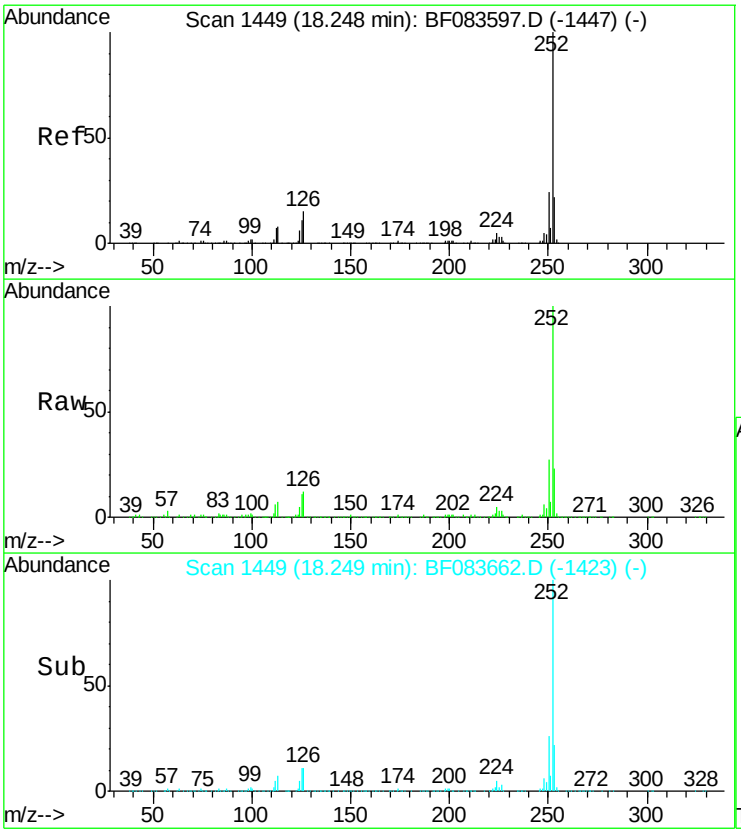
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:264 Resp: 256757

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.5	17.8	26.6

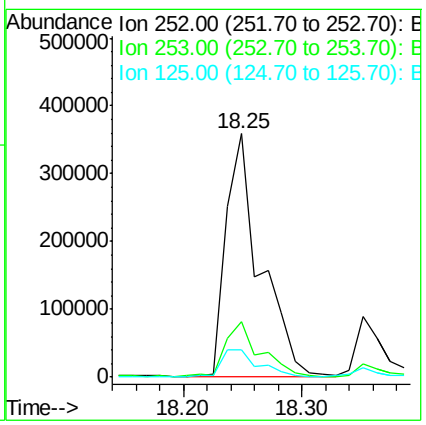


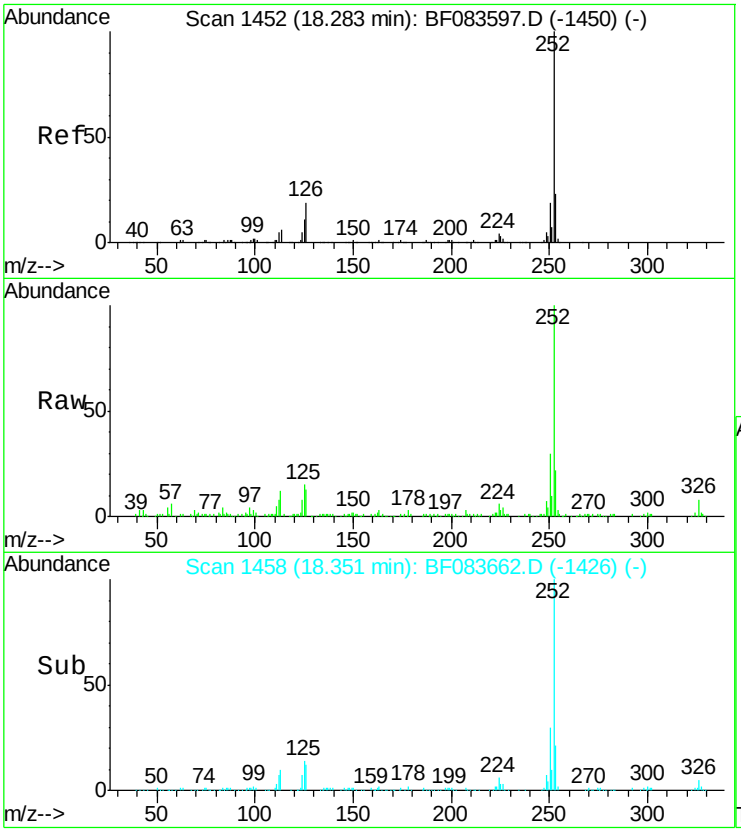


#87
Benzo(b)fluoranthene
Concen: 48.64 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:252 Resp: 711198

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.2	8.2	12.4



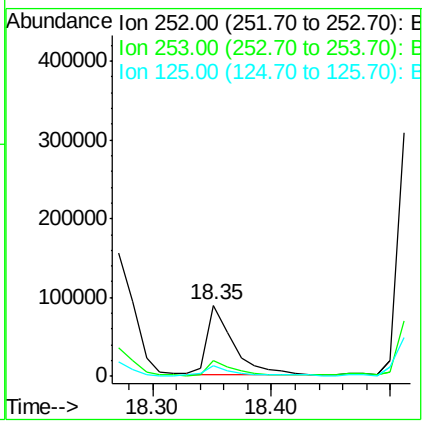


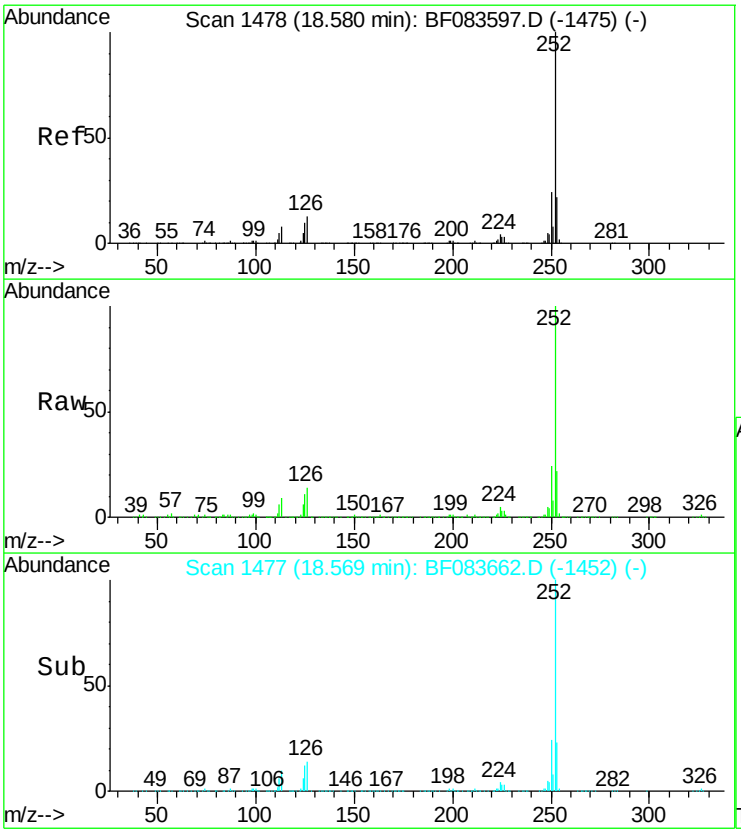
#88
Benzo(k)fluoranthene
Concen: 8.24 ng
RT: 18.35 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:252 Resp: 132829

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.6	27.8
125	14.6	11.5	17.3

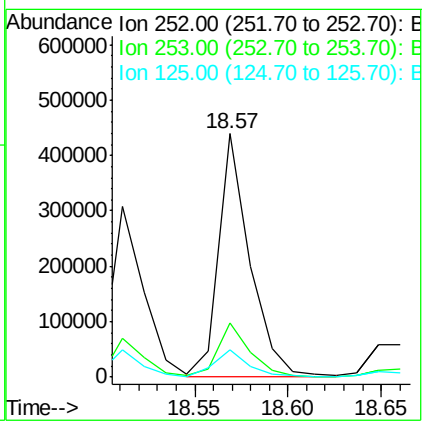


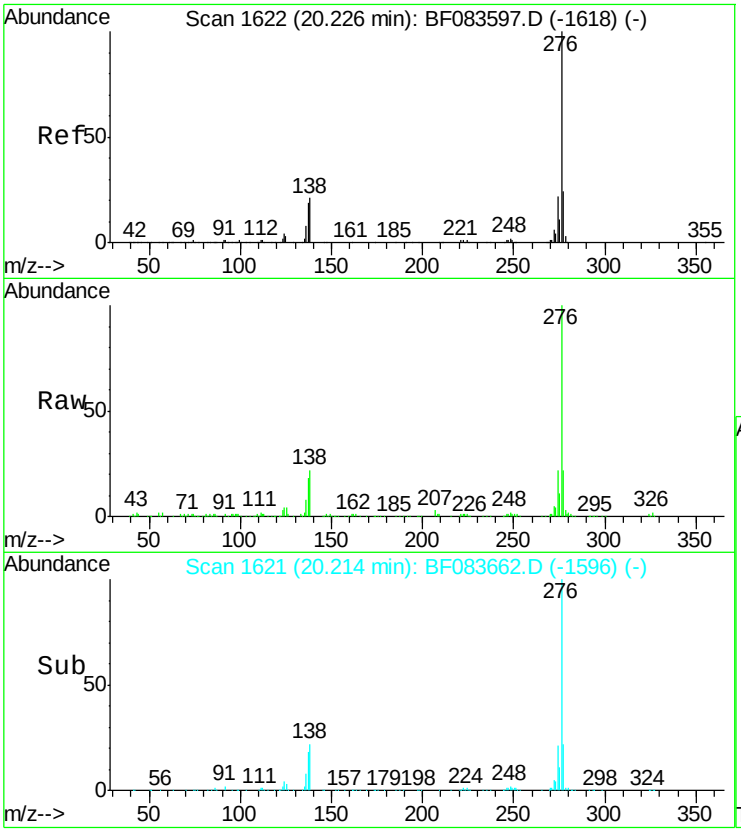


#89
Benzo(a)pyrene
Concen: 35.83 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

Tgt Ion:252 Resp: 511181

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.1	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 34.16 ng
RT: 20.21 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF083662.D
Acq: 10 Dec 2015 3:15

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

Tgt Ion:276 Resp: 363320

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.2	28.8
138	22.1	19.5	29.3