Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083666.D
Acq On : 10 Dec 2015 5:15
Operator : UM/IZ
Sample : G4583-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-P3WC-08(0-8)DL

Quant Time: Dec 10 06:19:17 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	128325	20.00	ng		-0.02
21) Naphthalene-d8	7.57	136	499910	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	233101	20.00	ng		-0.02
63) Phenanthrene-d10	12.76	188	355217	20.00	ng		-0.02
75) Chrysene-d12	16.98	240	303024	20.00	ng		-0.01
86) Perylene-d12	18.63	264	249474	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	86084	10.17	ng		0.02
7) Phenol-d6	5.30	99	127168	11.25	ng		0.02
23) Nitrobenzene-d5	6.53	82	82033	7.66	ng		0.00
41) 2,4,6-Tribromophenol	11.68	330	17059	8.21	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	150716	9.10	ng		-0.02
78) Terphenyl-d14	15.39	244	108873	8.45	ng		-0.02
Target Compounds							Qvalue
18) Hexachloroethane	6.50	117	8962	2.40	ng	#	15
31) Naphthalene	7.61	128	1258606	47.54	ng		99
32) Benzoic acid	7.61	122	2795	3.53	ng	#	1
33) 4-Chloroaniline	7.61	127	163922	16.98	ng	#	28
35) Caprolactam	8.34	113	5345	2.38	ng	#	1
37) 2-Methylnaphthalene	8.72	142	147048	8.84	ng		99
45) 1,1'-Biphenyl	9.48	154	53200	2.63	ng		95
48) Acenaphthylene	10.14	152	90529	3.59	ng		99
51) Acenaphthene	10.42	154	186590	12.92	ng		98
57) Fluorene	11.27	166	88129	5.04	ng		98
70) Phenanthrene	12.80	178	455878	22.34	ng		99
71) Anthracene	12.89	178	169718	8.03	ng		99
74) Fluoranthene	14.73	202	321706	15.41	ng		99
77) Pyrene	15.08	202	484549	22.21	ng		99
80) Benzo(a)anthracene	17.01	228	167944	9.47	ng		95
82) Chrysene	17.01	228	167944	9.45	ng		99
85) Indeno(1,2,3-cd)pyrene	19.88	276	111134	9.26	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	281467	19.81	ng		98
88) Benzo(k)fluoranthene	18.25	252	281467	17.98	ng		96
89) Benzo(a)pyrene	18.57	252	209080	15.08	ng		99
91) Benzo(g,h,i)perylene	20.23	276	135822	13.14	ng		98

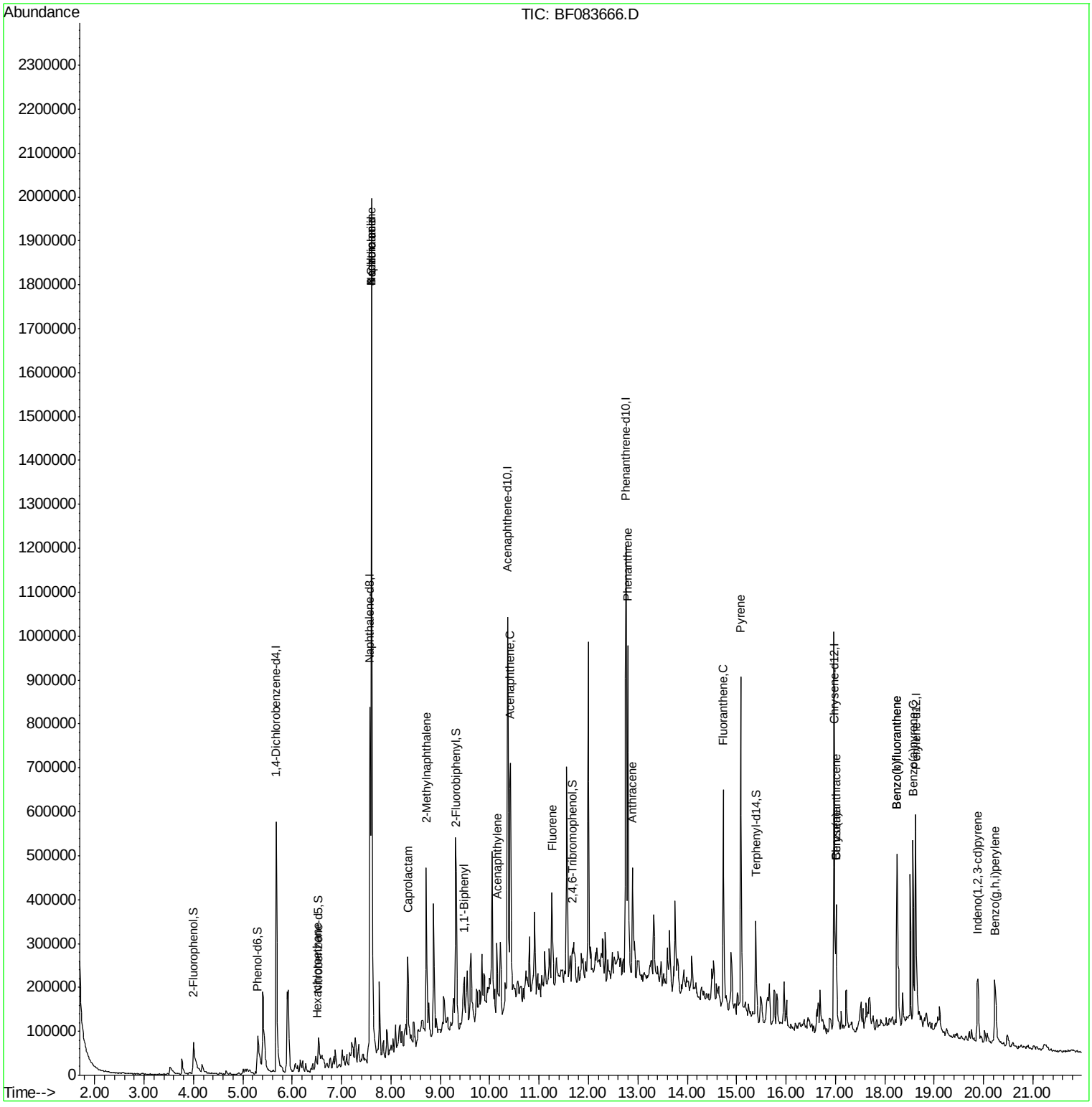
(#) = qualifier out of range (m) = manual integration (+) = signals summed

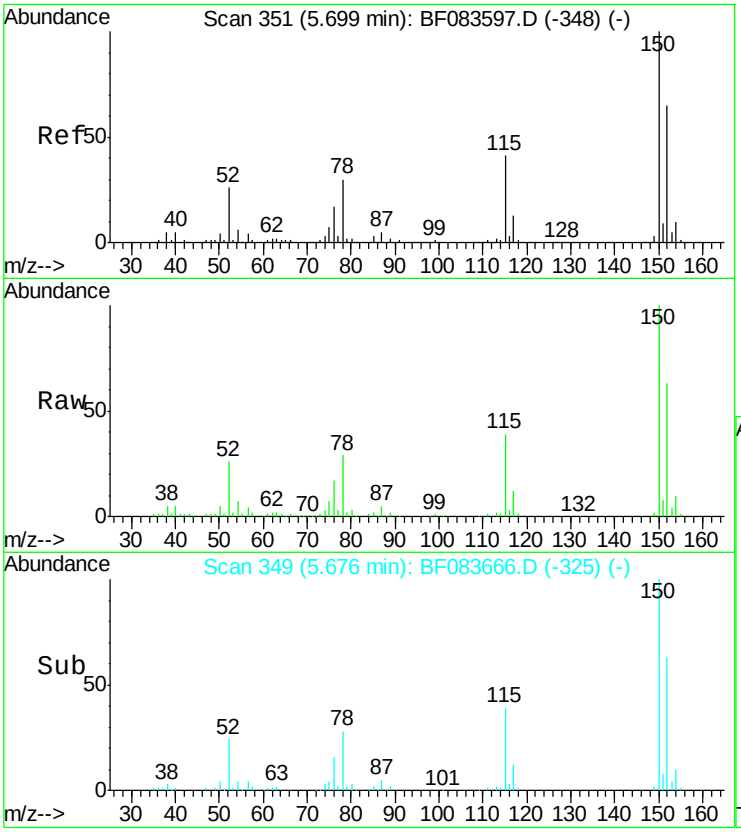
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083666.D
Acq On : 10 Dec 2015 5:15
Operator : UM/IZ
Sample : G4583-08DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Quant Time: Dec 10 06:19:17 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



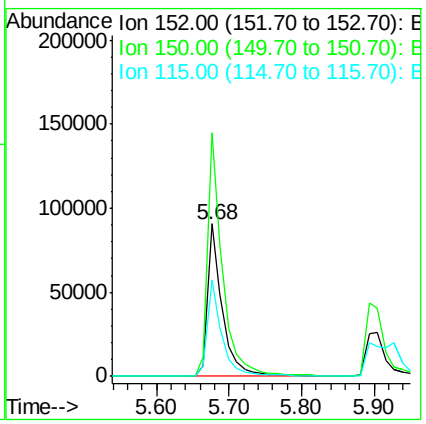


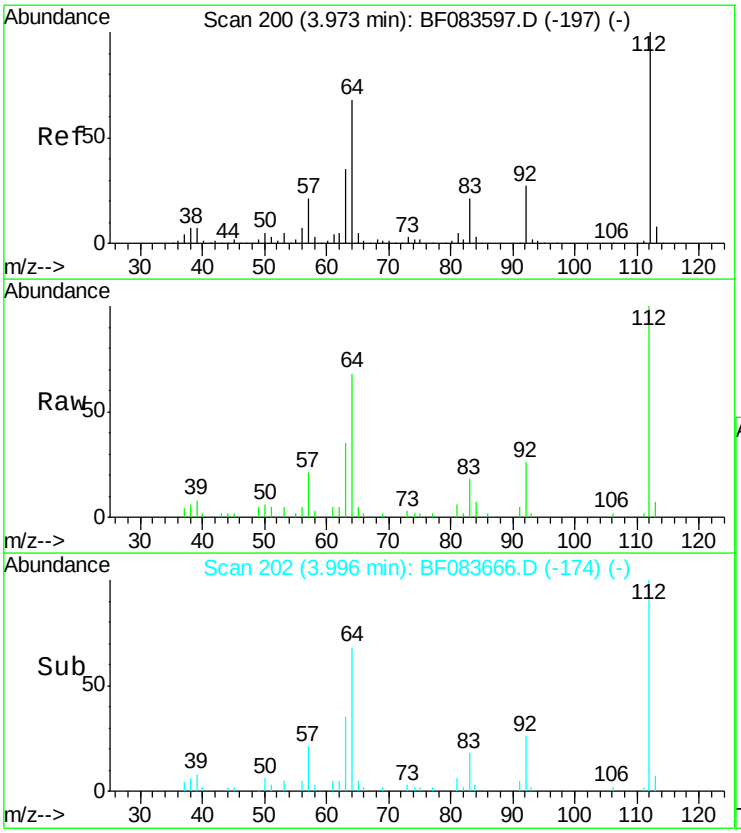
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:152 Resp: 128325

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.5	189.7
115	62.9	52.3	78.5

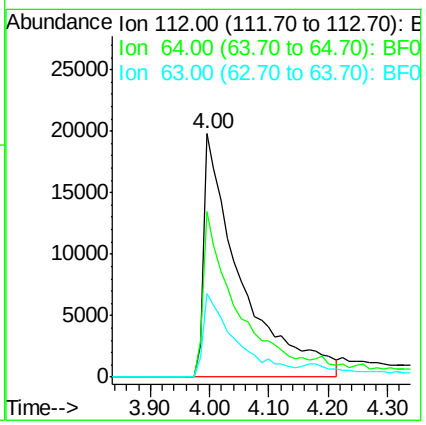


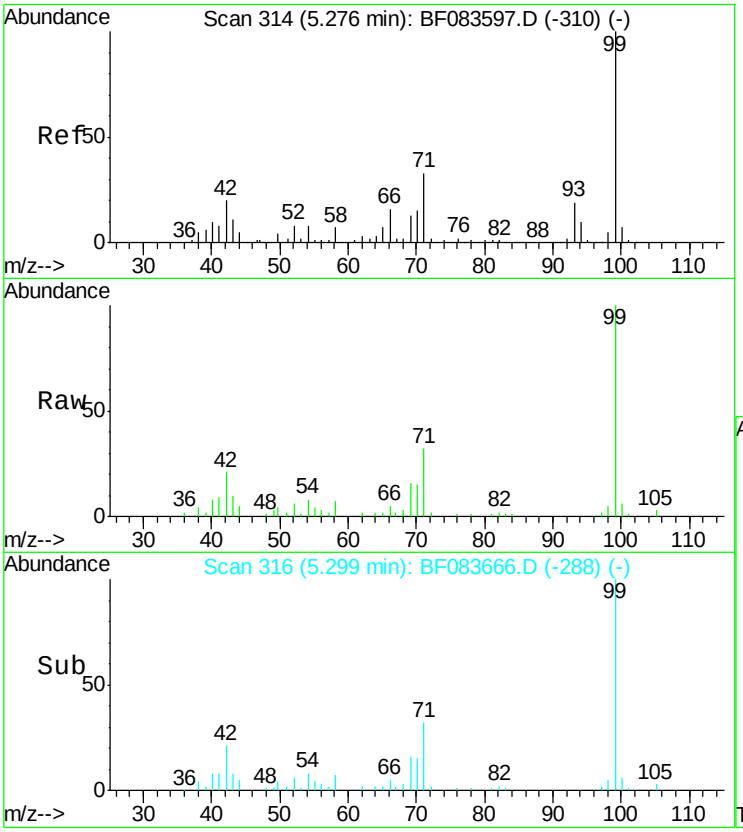


#5
2-Fluorophenol
Concen: 10.17 ng
RT: 4.00 min Scan# 202
Delta R.T. 0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:112 Resp: 86084

Ion	Ratio	Lower	Upper
112	100		
64	67.8	50.5	75.7
63	34.6	25.8	38.6



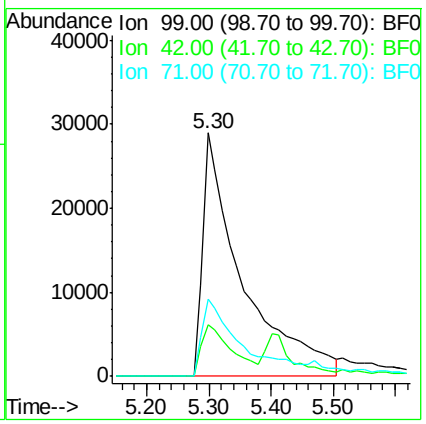


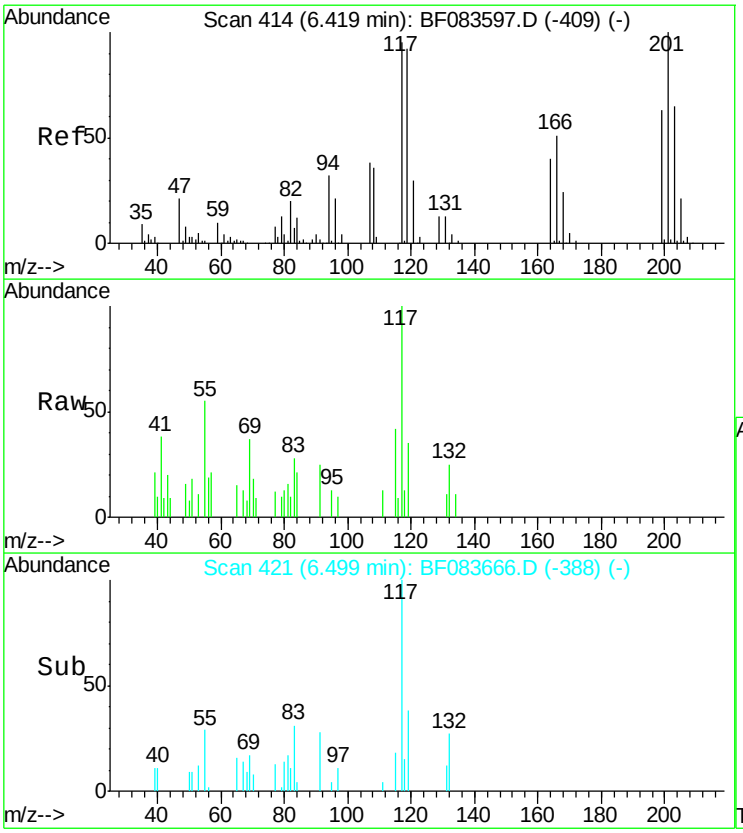
#7
Phenol-d6
Concen: 11.25 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion: 99 Resp: 127168

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.3	25.9
71	31.9	26.6	40.0

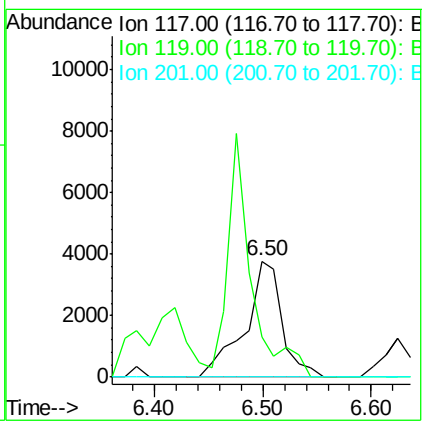


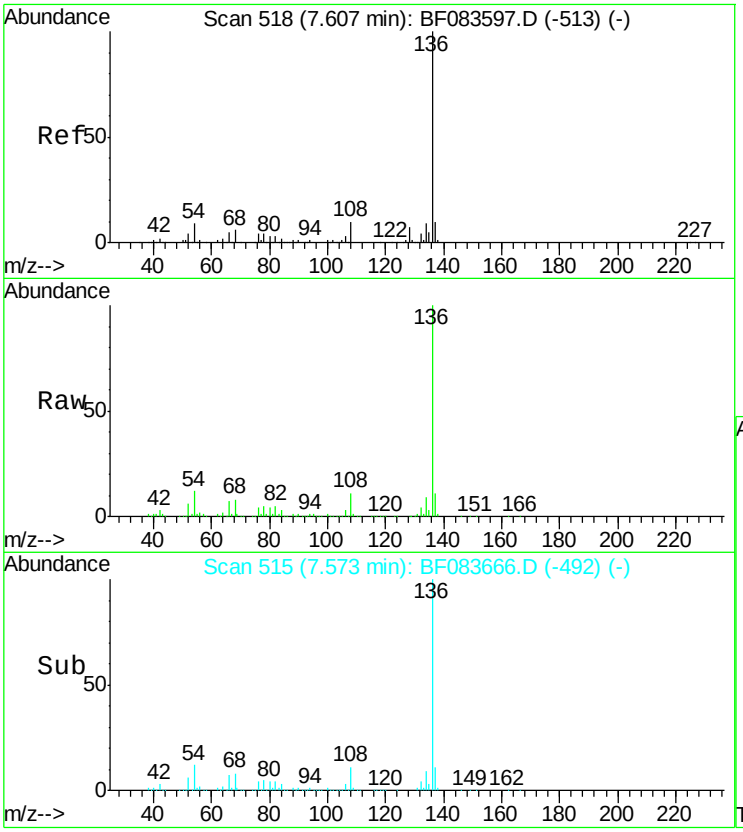


#18
Hexachloroethane
Concen: 2.40 ng
RT: 6.50 min Scan# 421
Delta R.T. 0.08 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:117 Resp: 8962

Ion	Ratio	Lower	Upper
117	100		
119	34.5	77.2	115.8#
201	0.0	86.8	130.2#



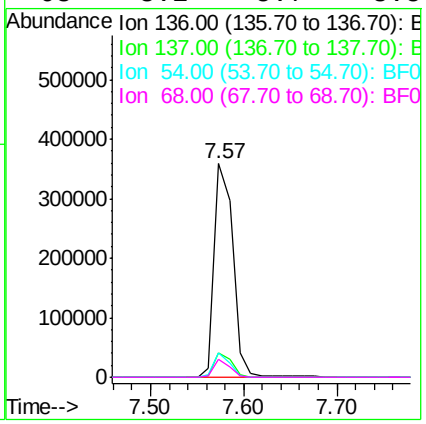


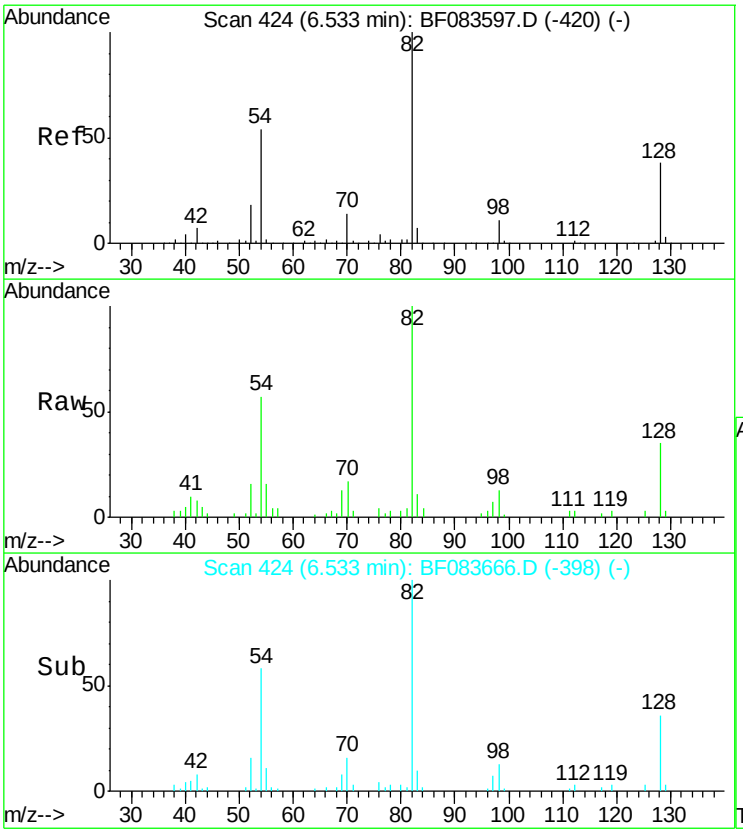
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.57 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:136 Resp: 499910

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.7	7.8	11.6#
68	8.2	5.7	8.5

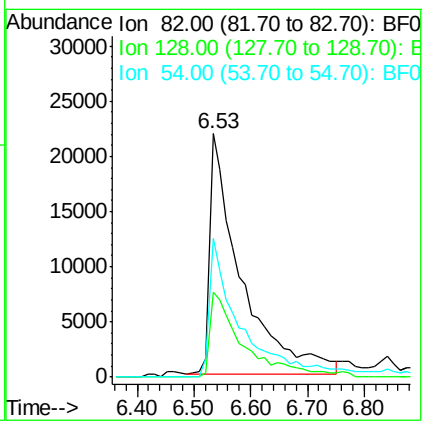


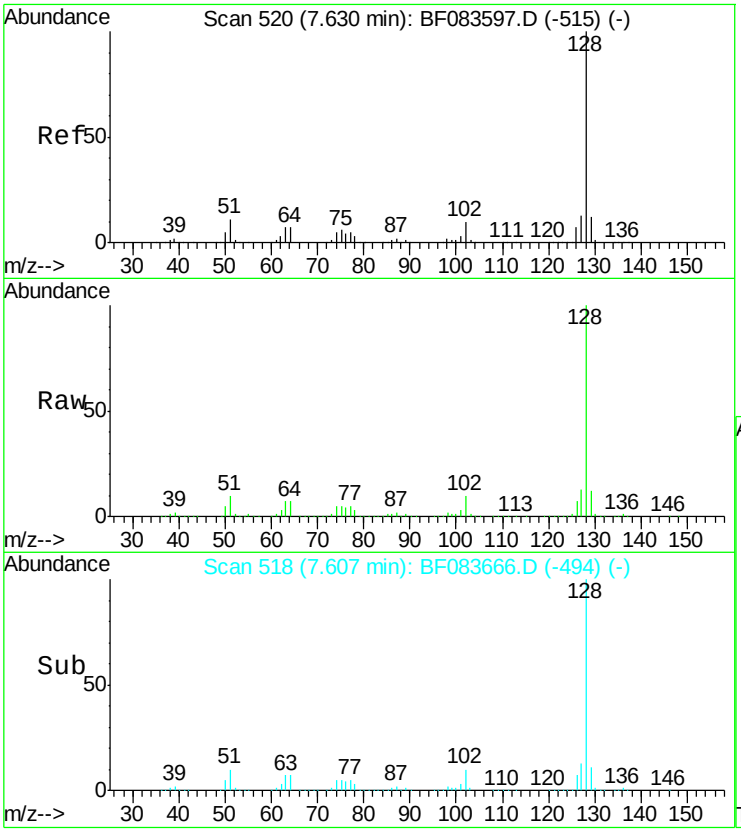


#23
Nitrobenzene-d5
Concen: 7.66 ng
RT: 6.53 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion: 82 Resp: 82033

Ion	Ratio	Lower	Upper
82	100		
128	35.0	30.7	46.1
54	57.2	42.5	63.7



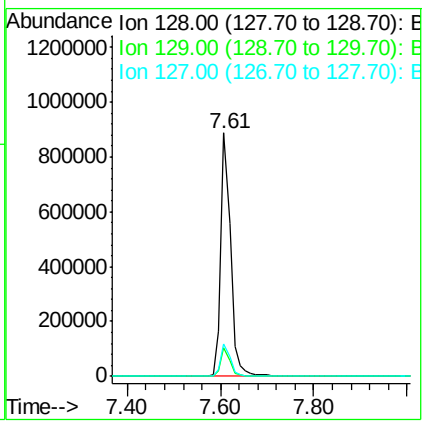


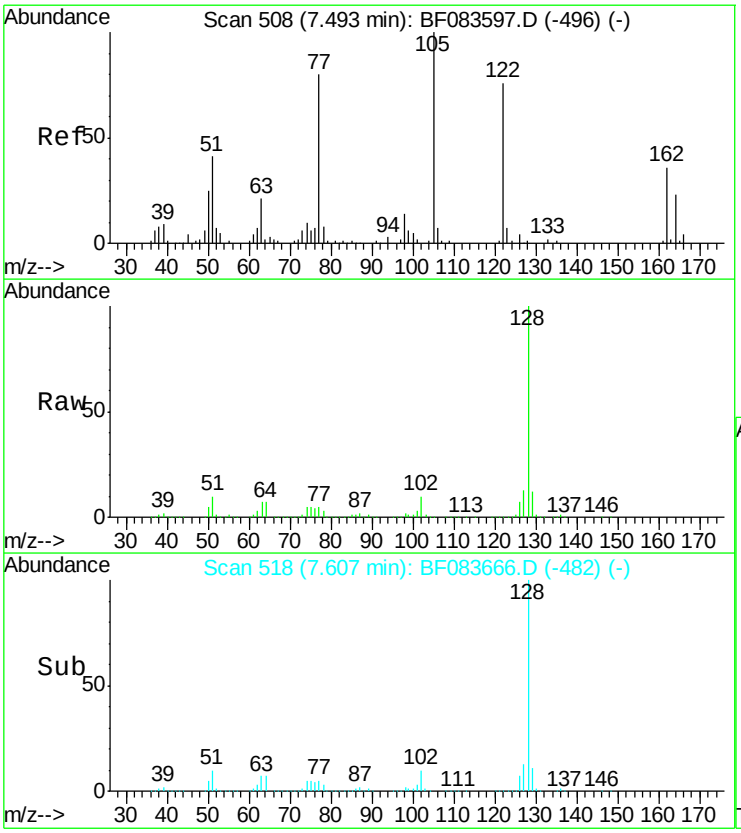
#31
Naphthalene
Concen: 47.54 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:128 Resp: 1258606

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.2	10.6	16.0

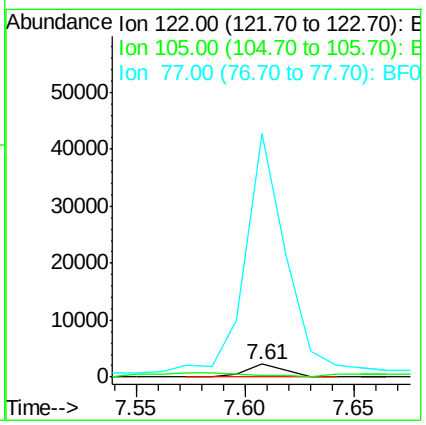


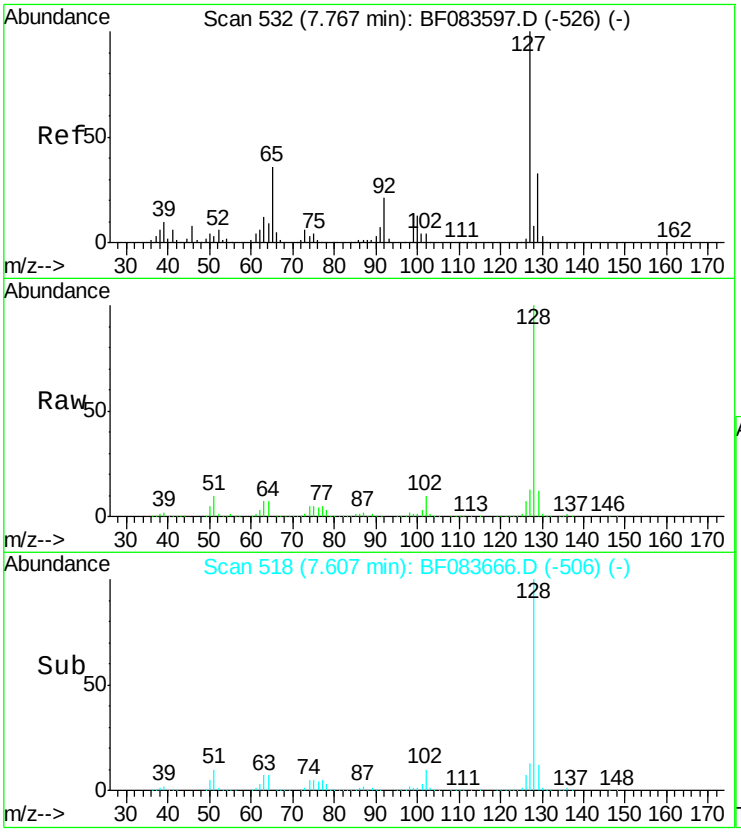


#32
Benzoic acid
Concen: 3.53 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.12 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:122 Resp: 2795

Ion	Ratio	Lower	Upper
122	100		
105	13.5	105.6	145.6#
77	1898.5	86.8	126.8#



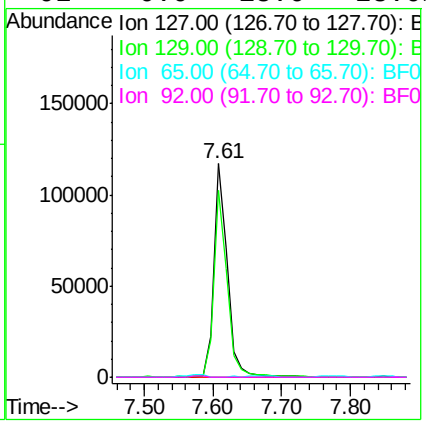


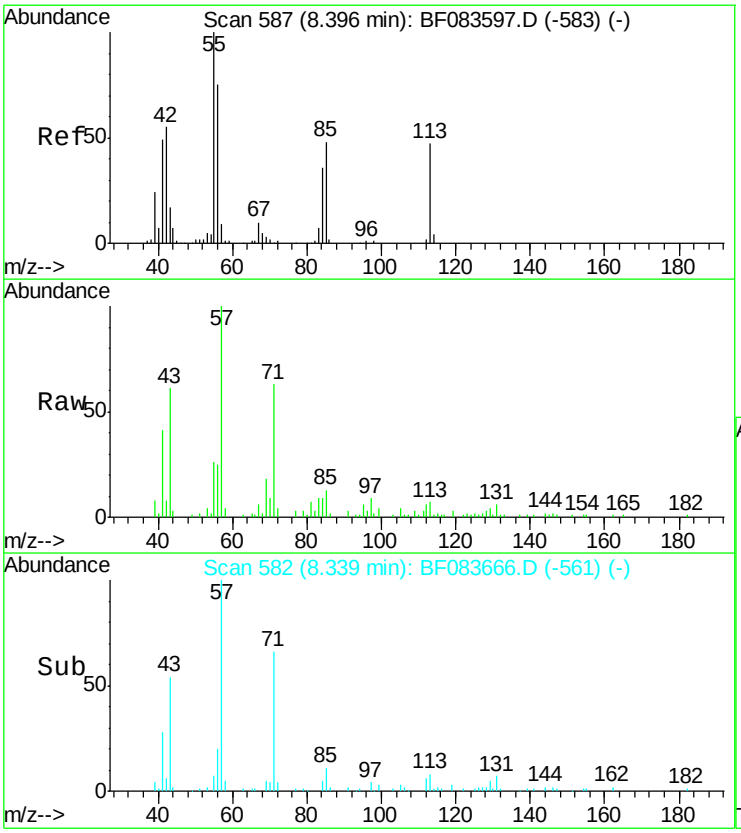
#33
4-Chloroaniline
Concen: 16.98 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.16 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:127 Resp: 163922

Ion	Ratio	Lower	Upper
127	100		
129	87.5	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#

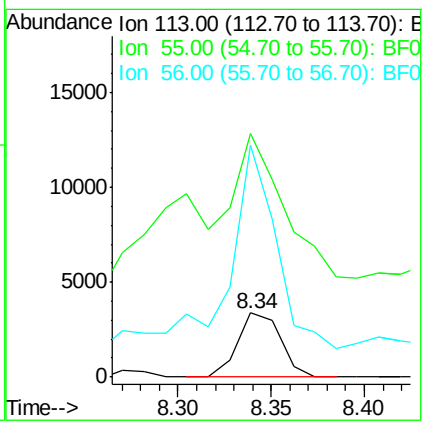


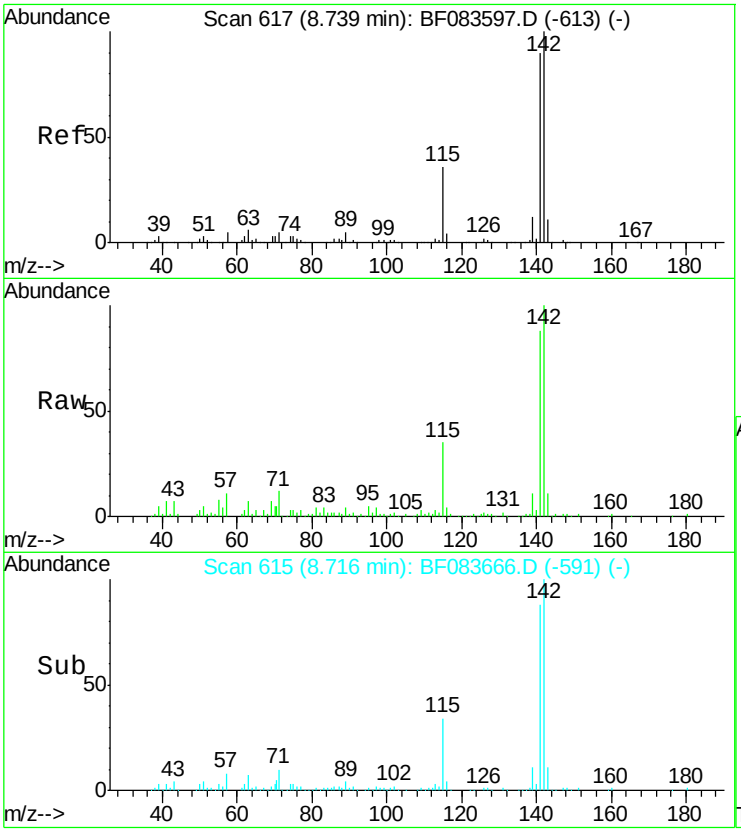


#35
Caprolactam
Concen: 2.38 ng
RT: 8.34 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:113 Resp: 5345

Ion	Ratio	Lower	Upper
113	100		
55	378.5	189.7	229.7#
56	361.8	130.7	170.7#



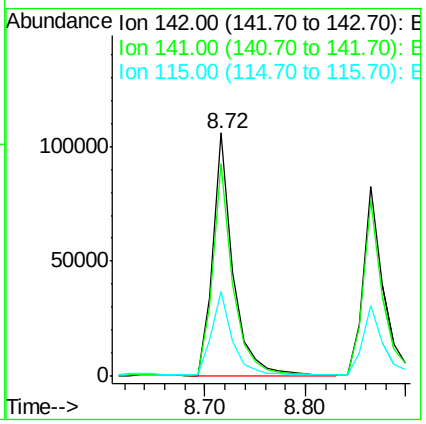


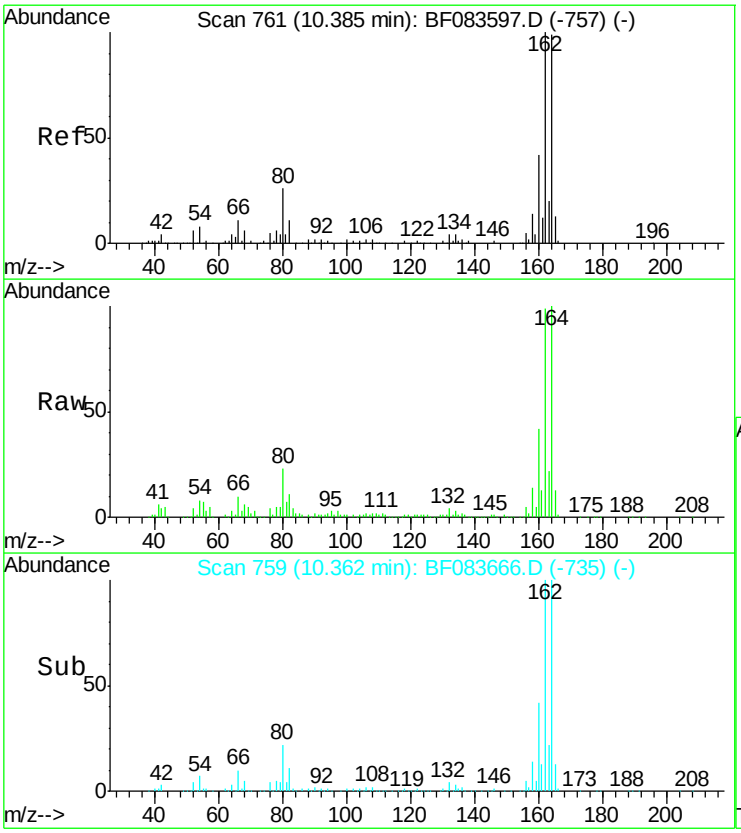
#37
2-Methylnaphthalene
Concen: 8.84 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:142 Resp: 147048

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	34.8	29.2	43.8

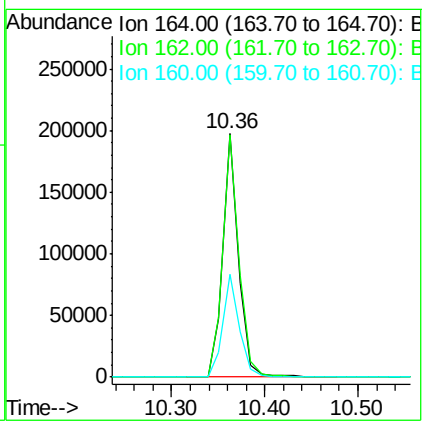


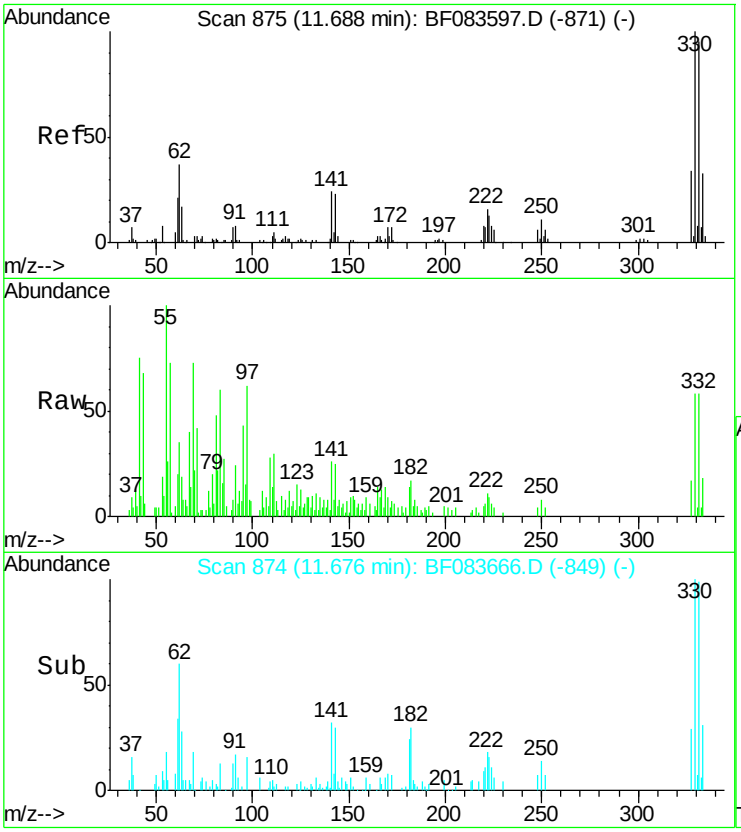


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:164 Resp: 233101

Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.8	118.2
160	42.5	33.4	50.2



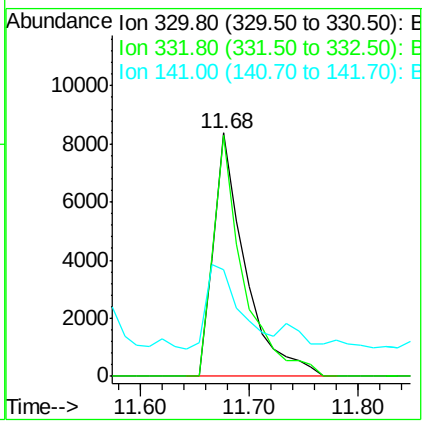


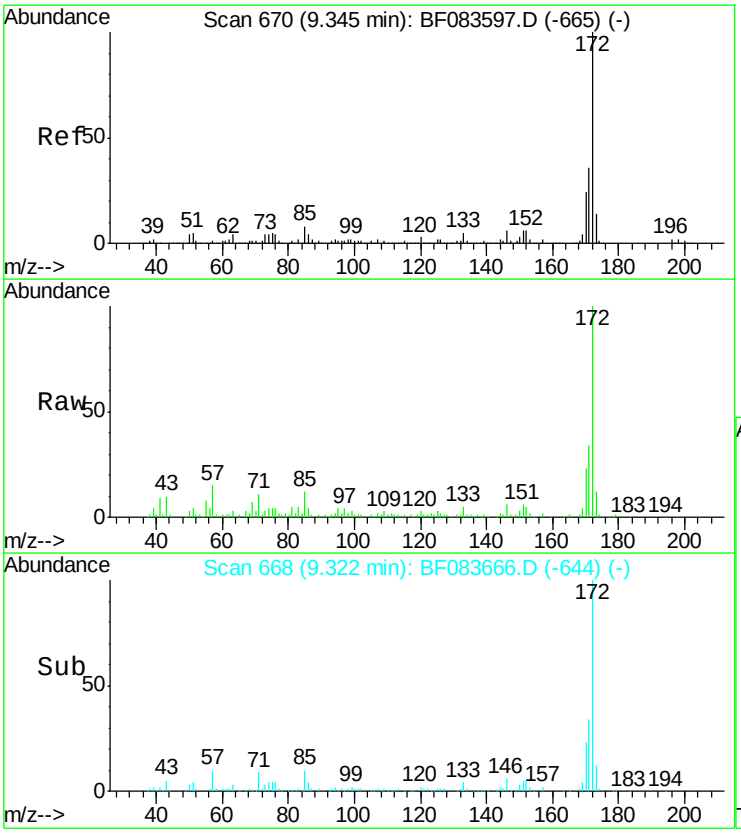
#41
2,4,6-Tribromophenol
Concen: 8.21 ng
RT: 11.68 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:330 Resp: 17059

Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	37.8	0.0	0.0#

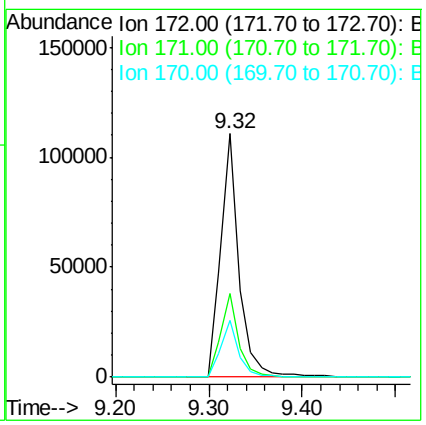


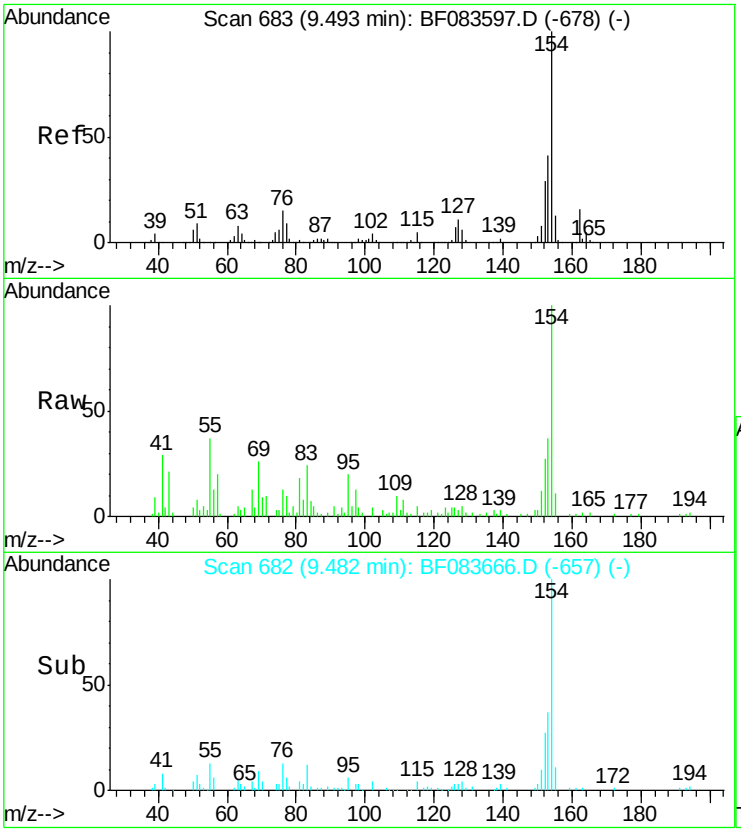


#44
2-Fluorobiphenyl
Concen: 9.10 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:172 Resp: 150716

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	23.2	19.4	29.0



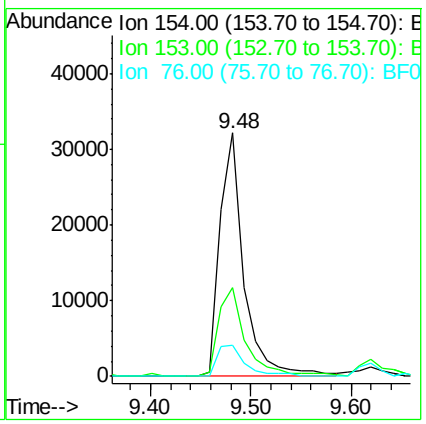


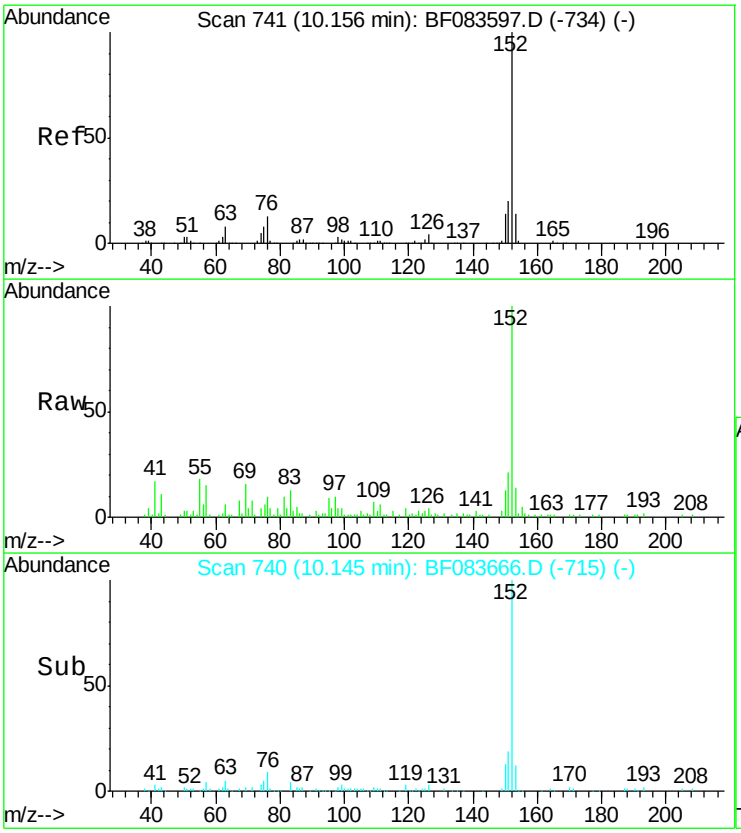
#45
1,1'-Biphenyl
Concen: 2.63 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:154 Resp: 53200

Ion	Ratio	Lower	Upper
154	100		
153	36.7	20.2	60.2
76	12.8	0.0	34.8

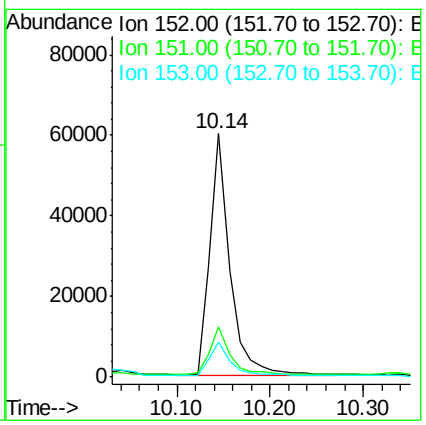


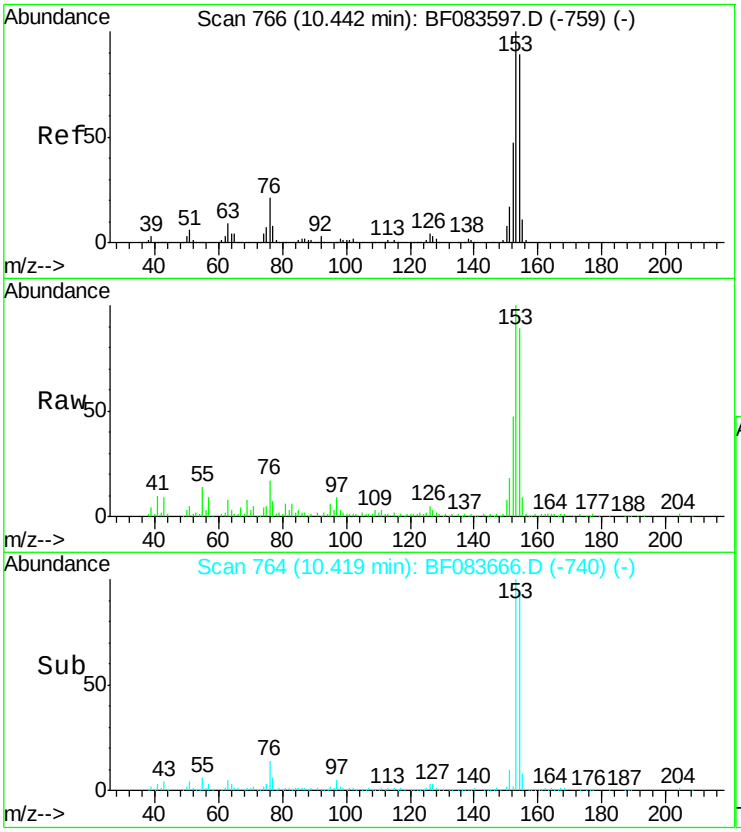


#48
Acenaphthylene
Concen: 3.59 ng
RT: 10.14 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:152 Resp: 90529

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.2	10.8	16.2



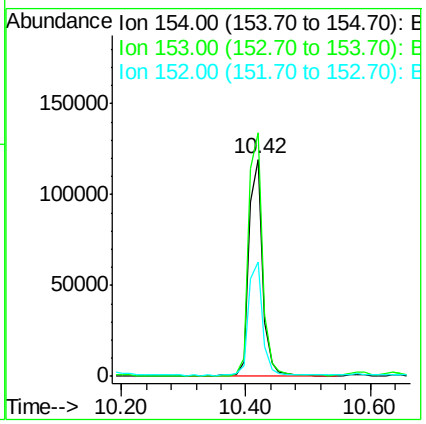


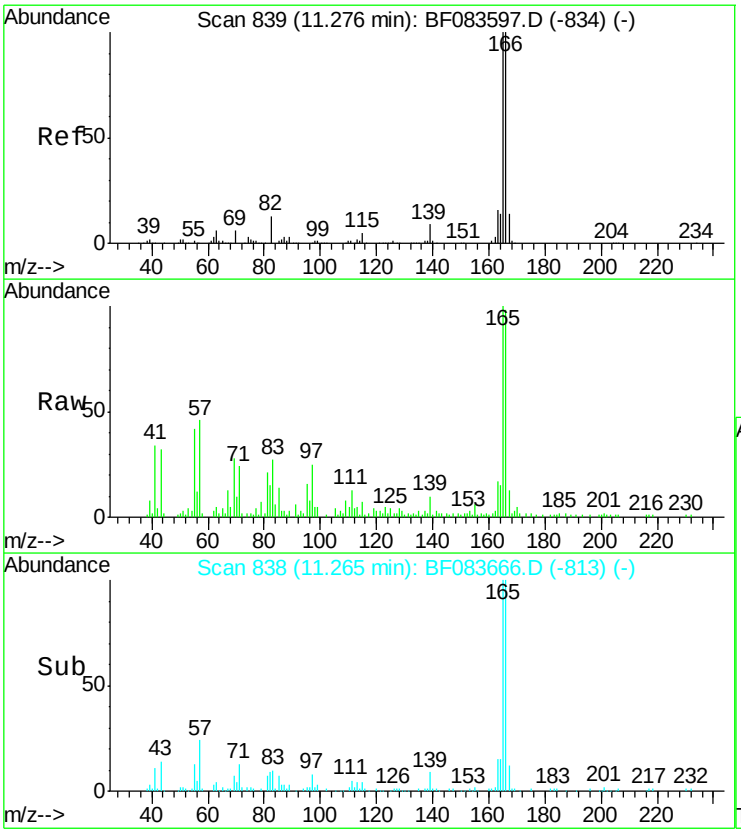
#51
Acenaphthene
Concen: 12.92 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:154 Resp: 186590

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.4	137.0
152	52.7	43.4	65.2

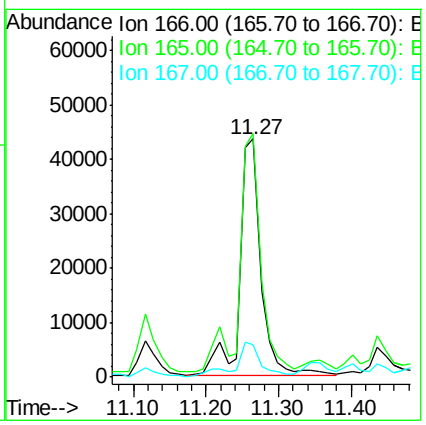


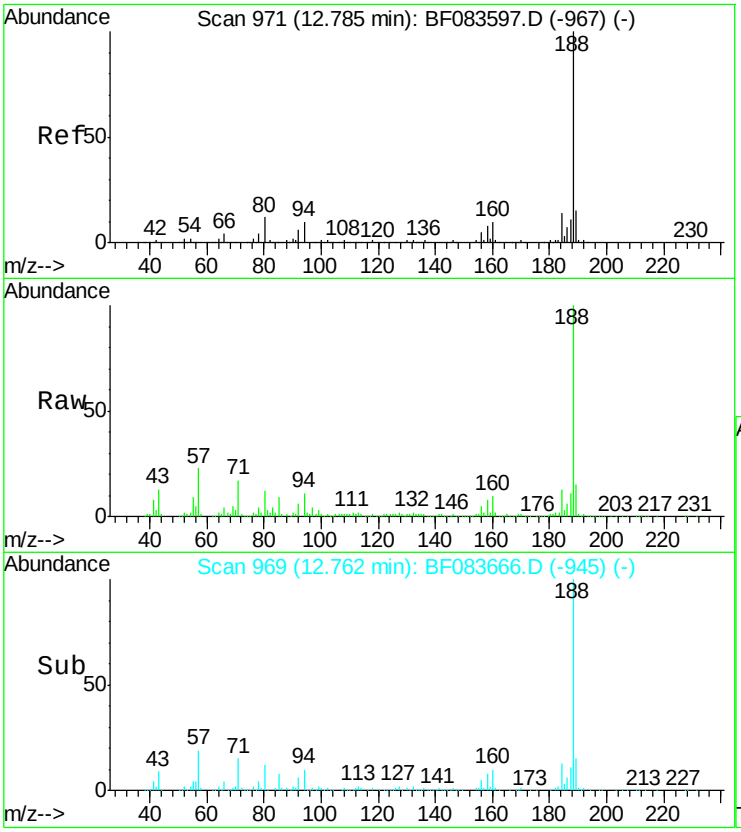


#57
Fluorene
Concen: 5.04 ng
RT: 11.27 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:166 Resp: 88129

Ion	Ratio	Lower	Upper
166	100		
165	102.1	80.0	120.0
167	13.4	10.6	16.0



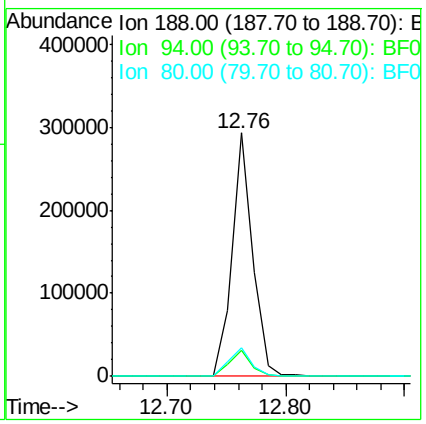


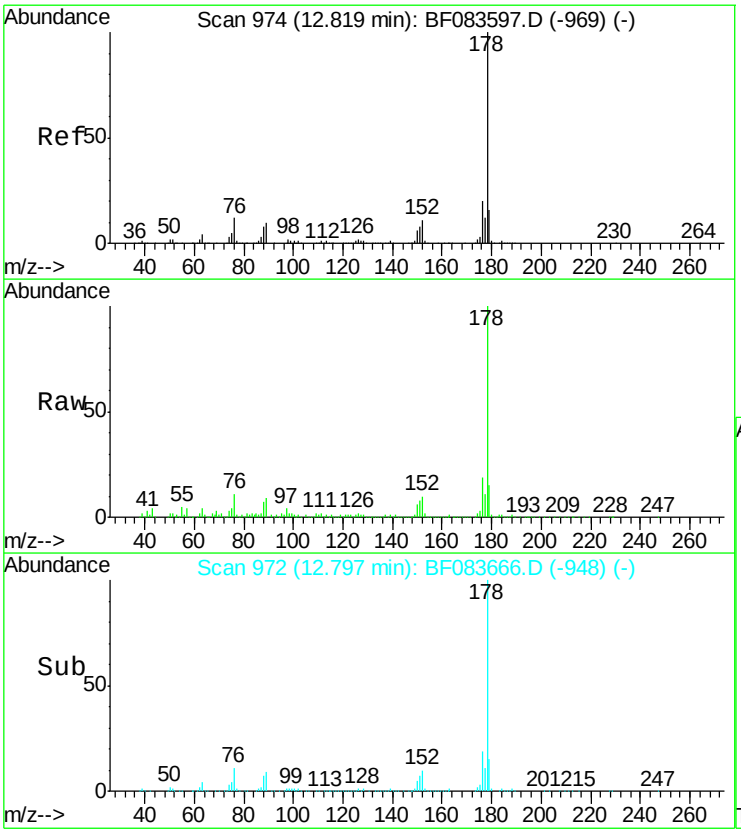
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:188 Resp: 355217

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.8	10.6	16.0

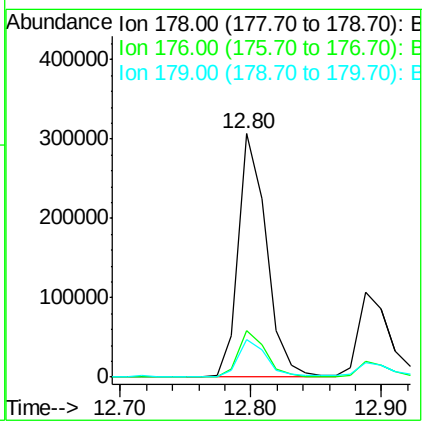


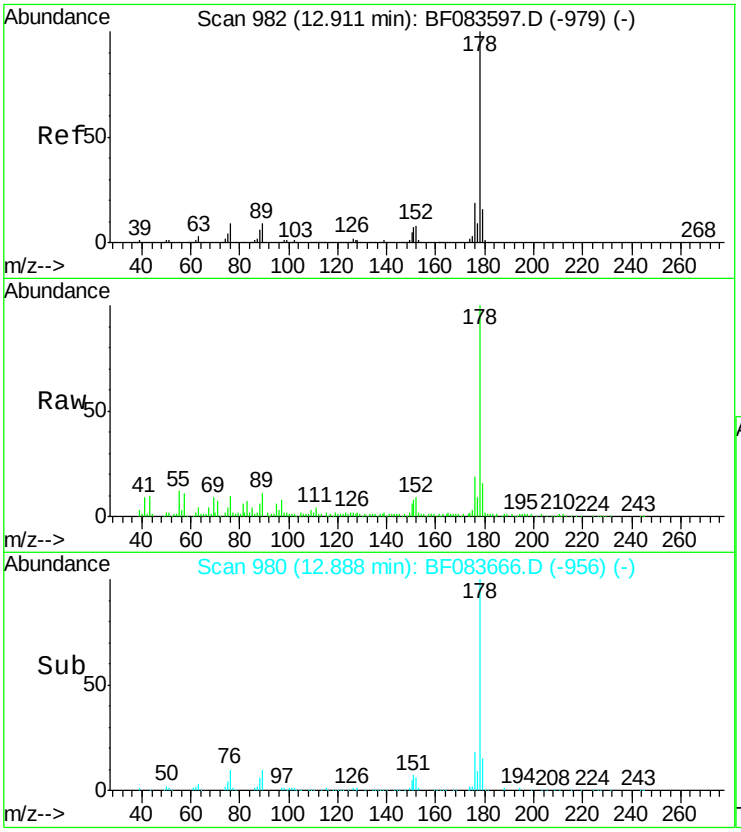


#70
Phenanthrene
Concen: 22.34 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:178 Resp: 455878

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.2	12.2	18.4



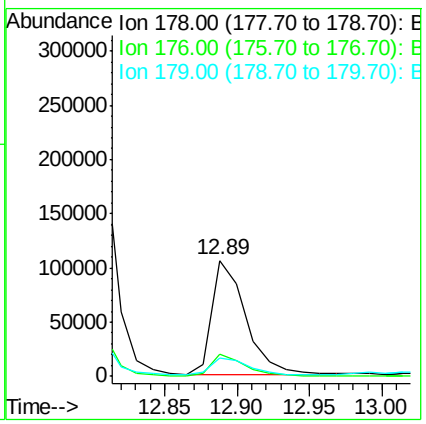


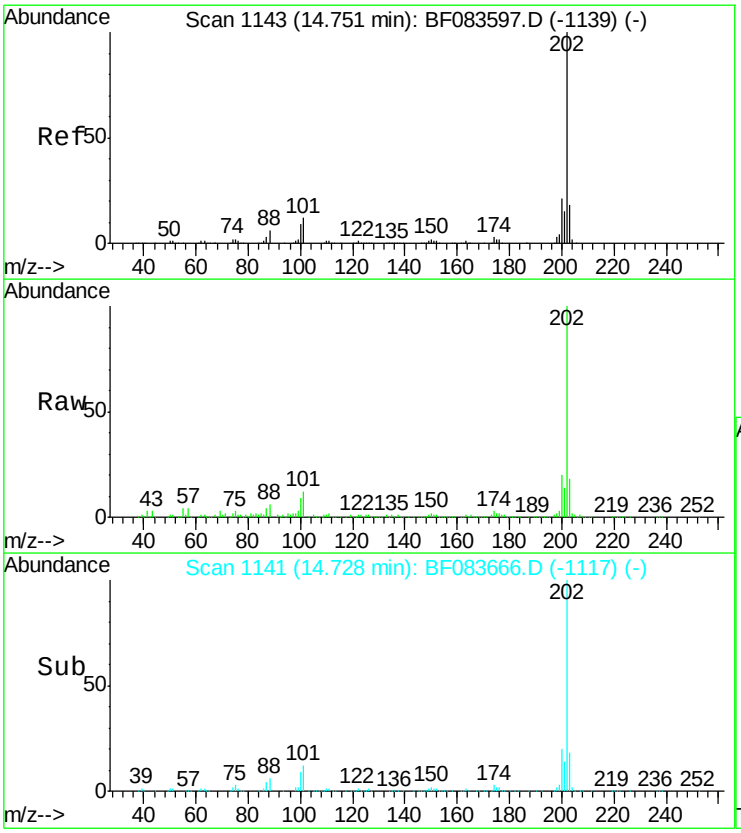
#71
Anthracene
Concen: 8.03 ng
RT: 12.89 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:178 Resp: 169718

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	16.3	12.6	18.8

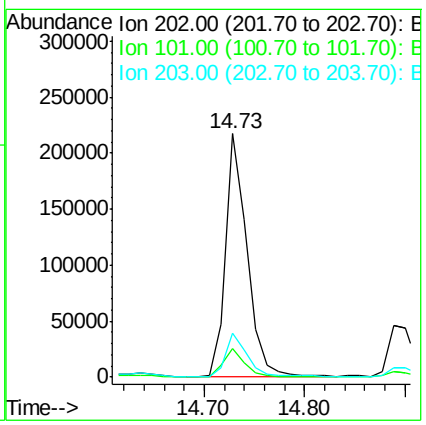


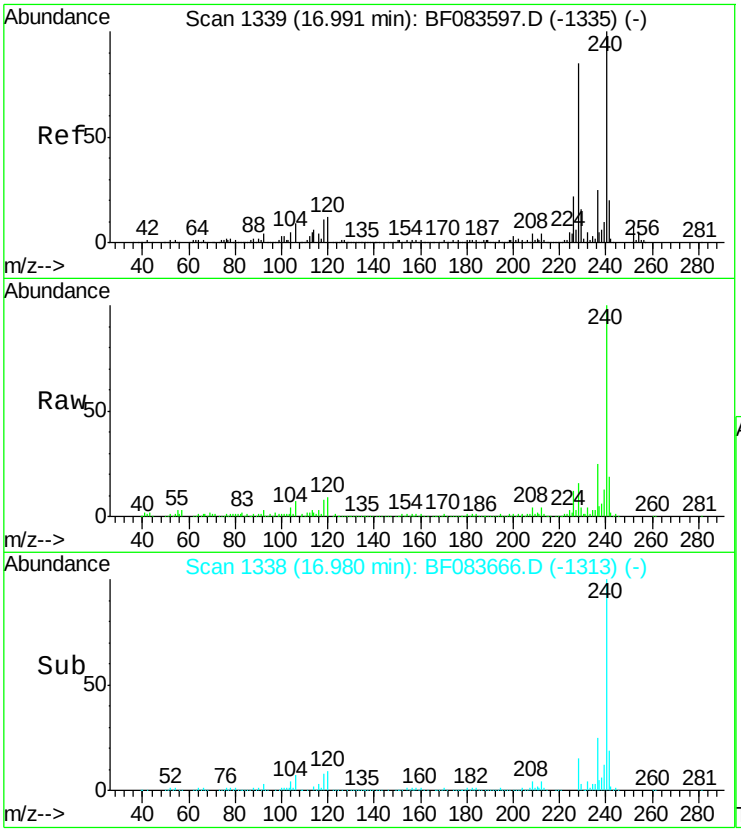


#74
Fluoranthene
Concen: 15.41 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:202 Resp: 321706

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.5
203	17.8	0.0	37.6



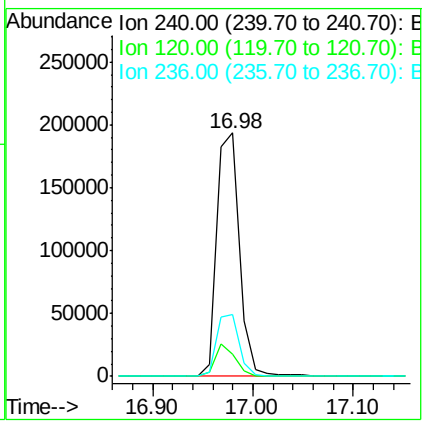


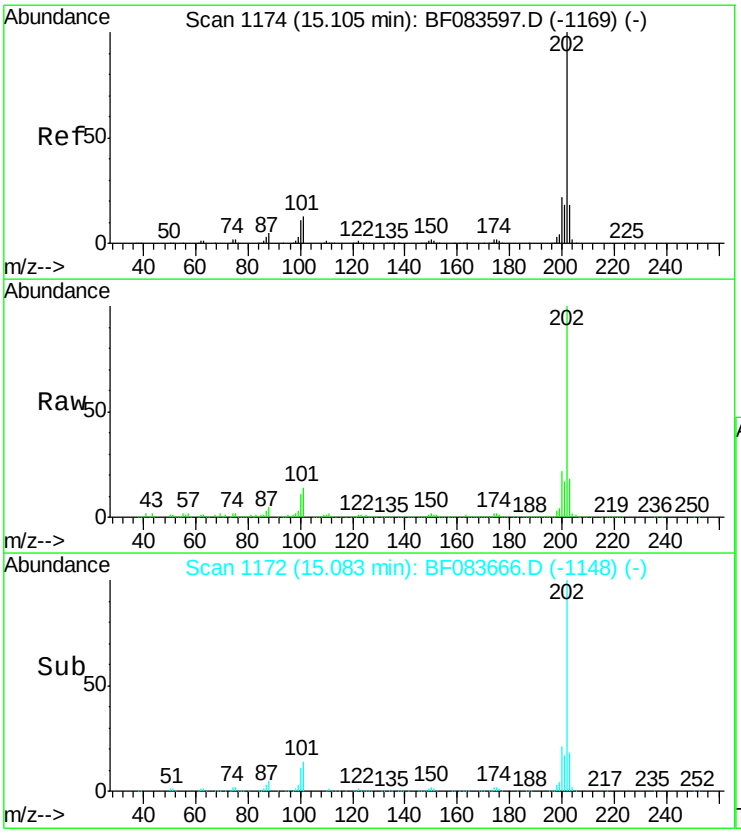
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.98 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:240 Resp: 303024

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.1	12.1
236	25.5	20.8	31.2

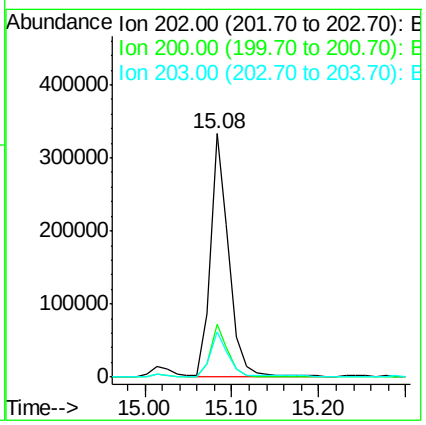


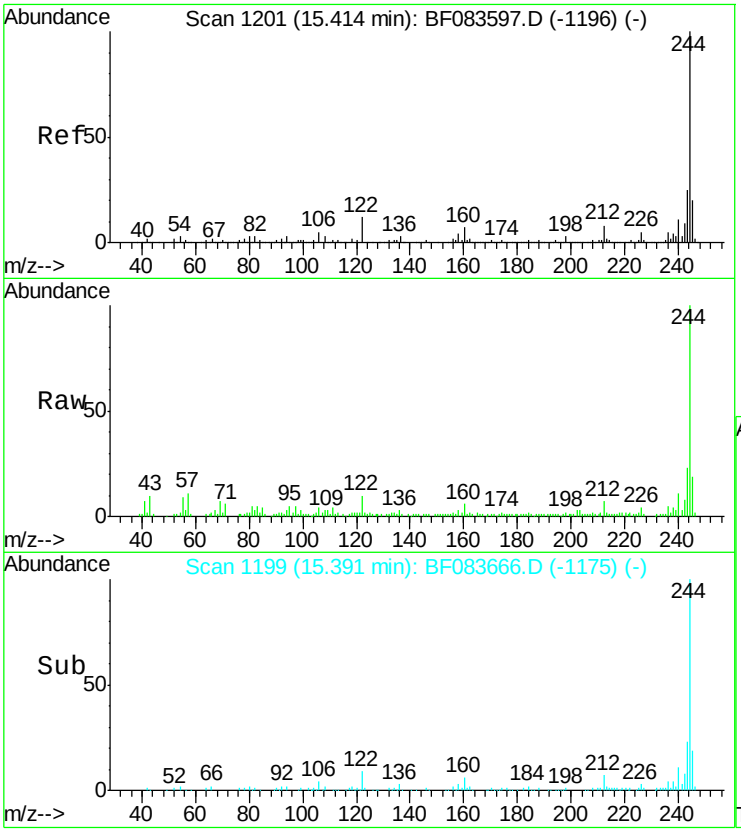


#77
Pyrene
Concen: 22.21 ng
RT: 15.08 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:202 Resp: 484549

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.5	14.3	21.5



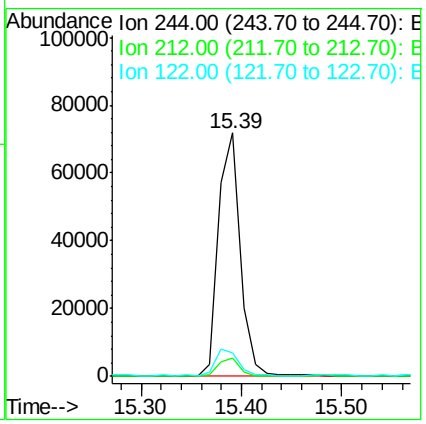


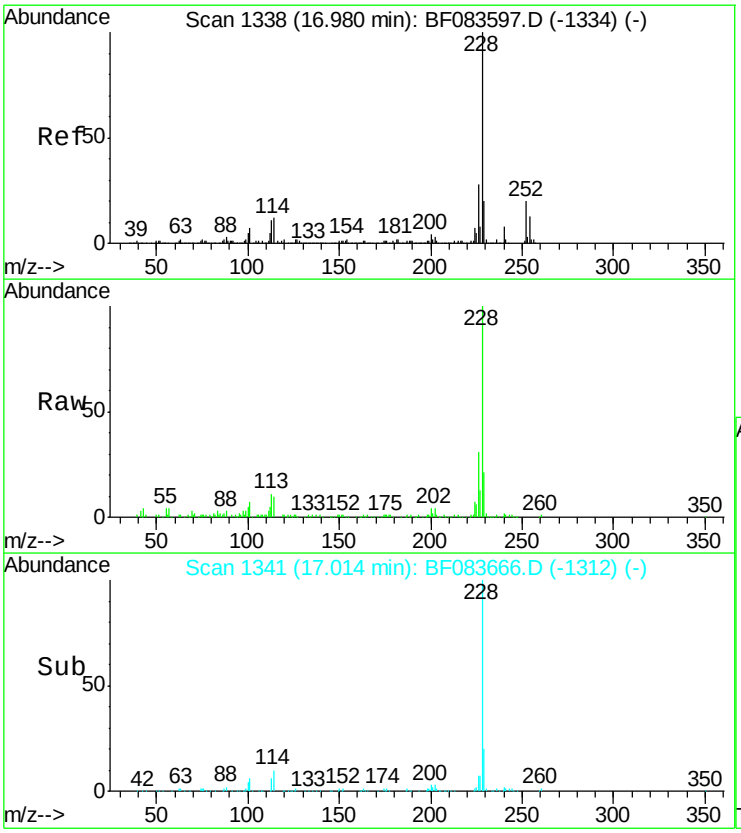
#78
Terphenyl-d14
Concen: 8.45 ng
RT: 15.39 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:244 Resp: 108873

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	9.8	11.0	16.6#

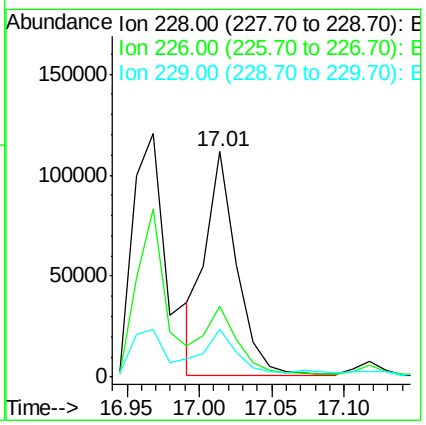


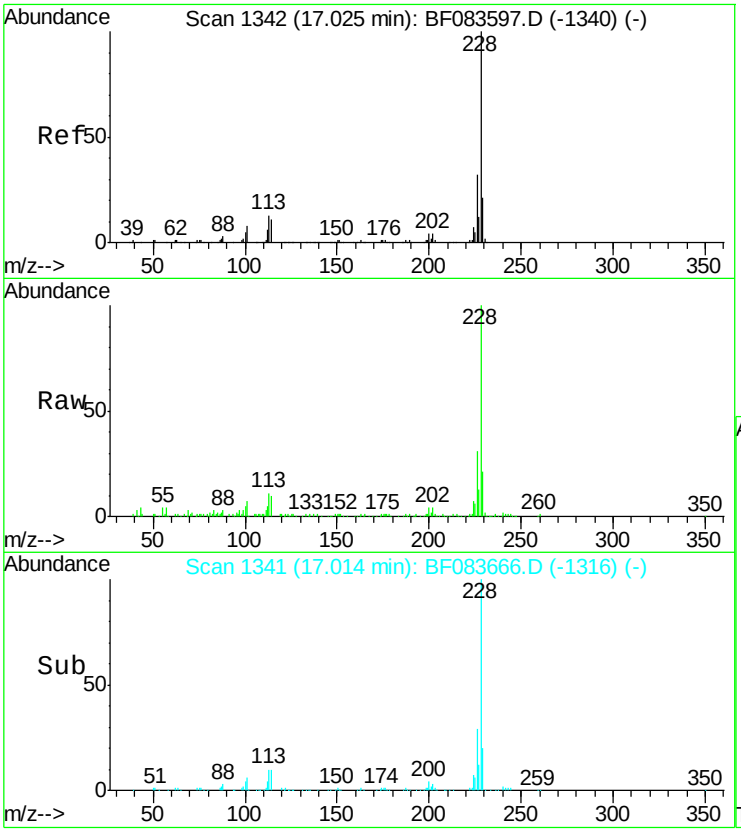


#80
Benzo(a)anthracene
Concen: 9.47 ng
RT: 17.01 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:228 Resp: 167944

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.3	33.5
229	21.0	15.7	23.5



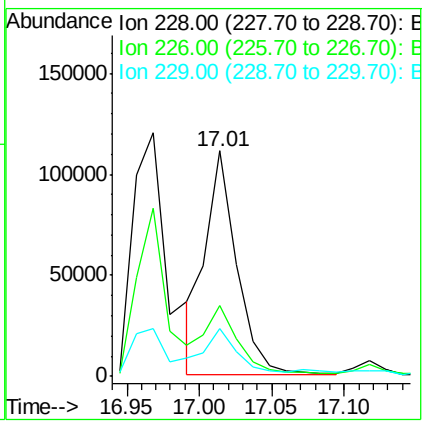


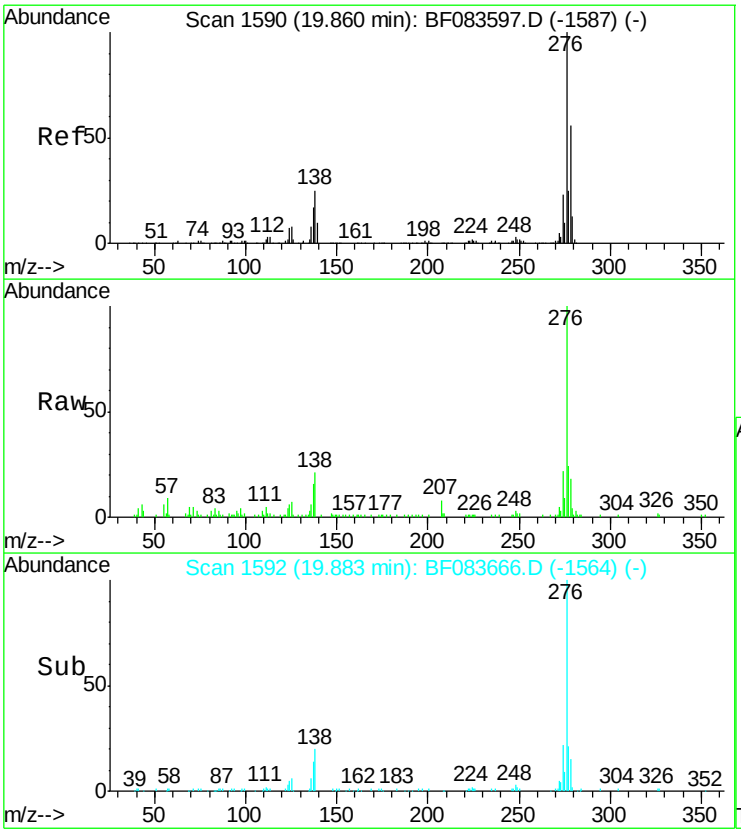
#82
Chrysene
Concen: 9.45 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:228 Resp: 167944

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	21.0	16.3	24.5

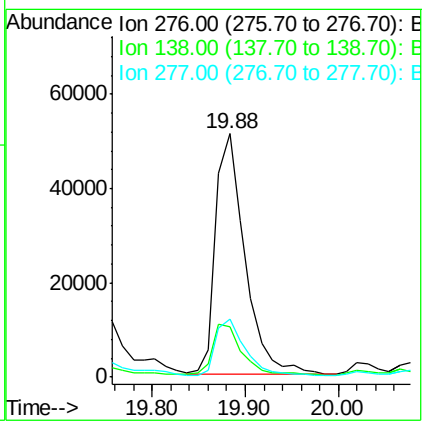


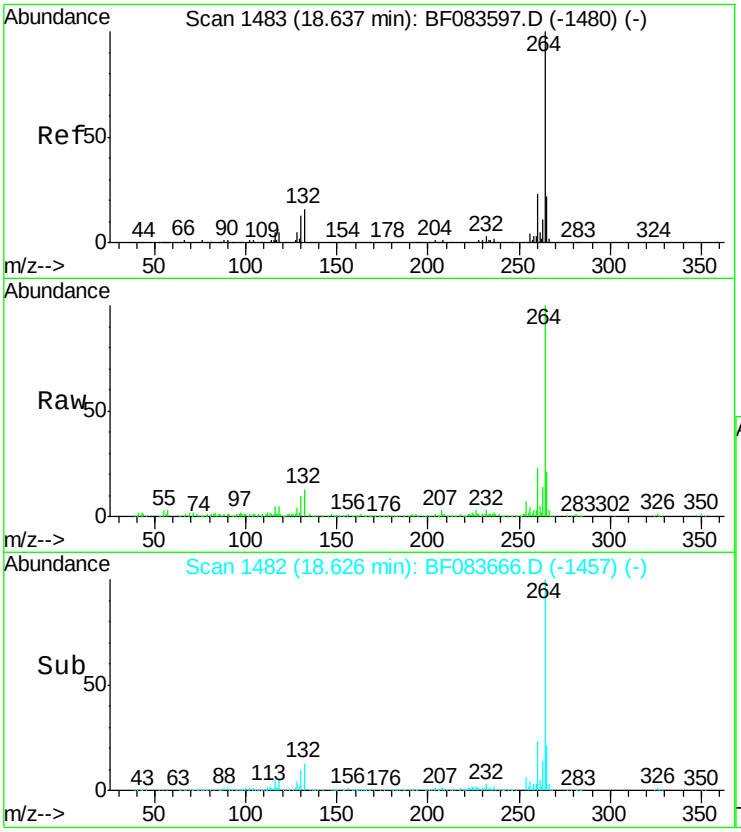


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.26 ng
RT: 19.88 min Scan# 1592
Delta R.T. 0.02 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:276 Resp: 111134

Ion	Ratio	Lower	Upper
276	100		
138	22.3	0.0	0.0#
277	23.6	0.0	0.0#



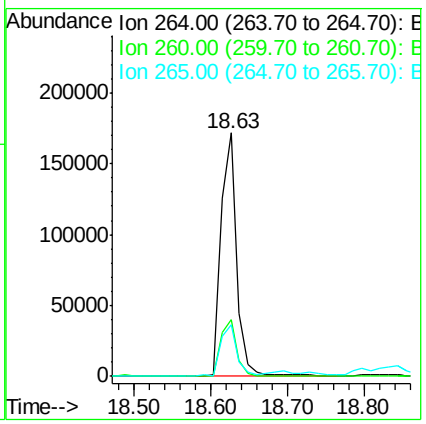


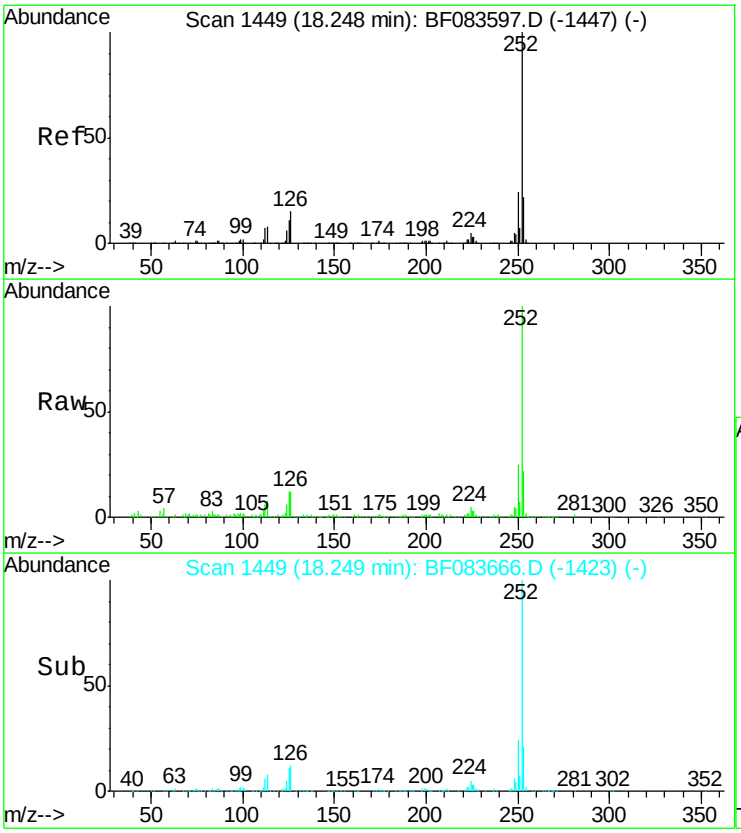
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:264 Resp: 249474

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.2	17.8	26.6

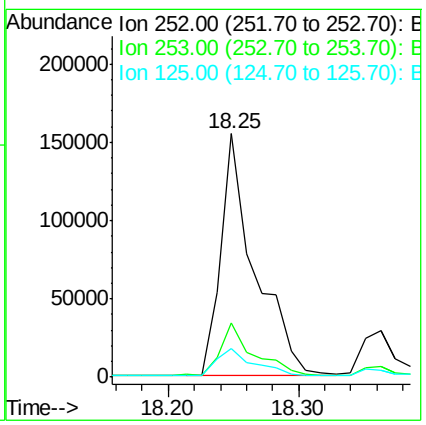


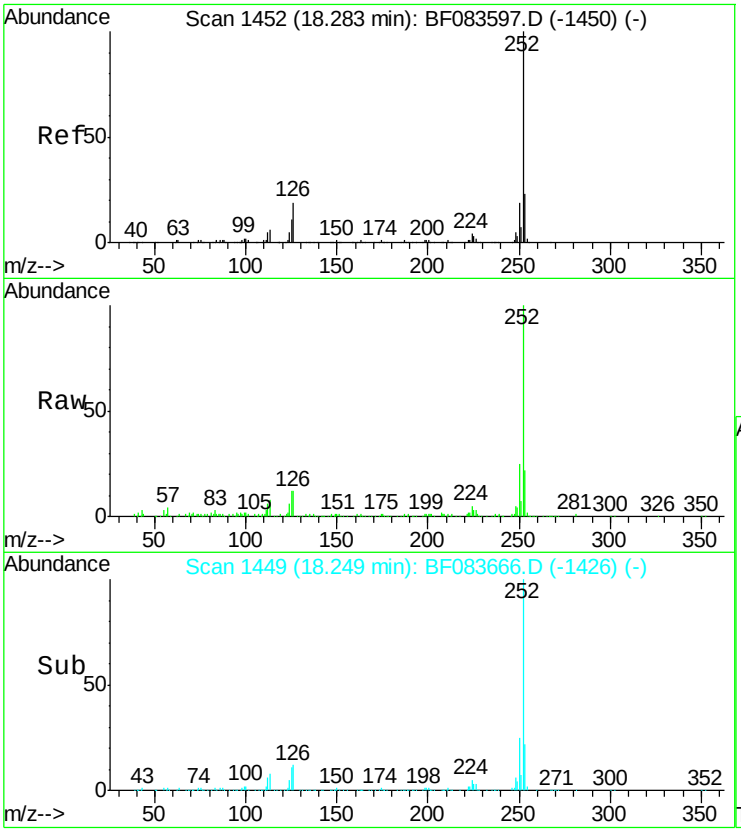


#87
Benzo(b)fluoranthene
Concen: 19.81 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:252 Resp: 281467

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.9	8.2	12.4



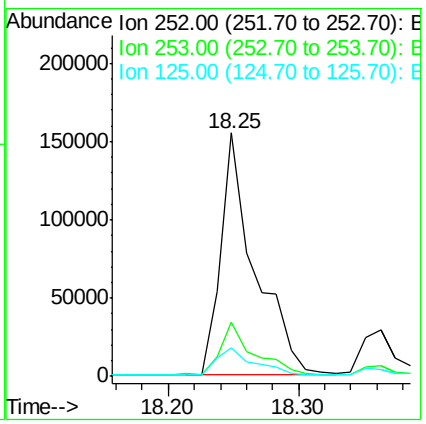


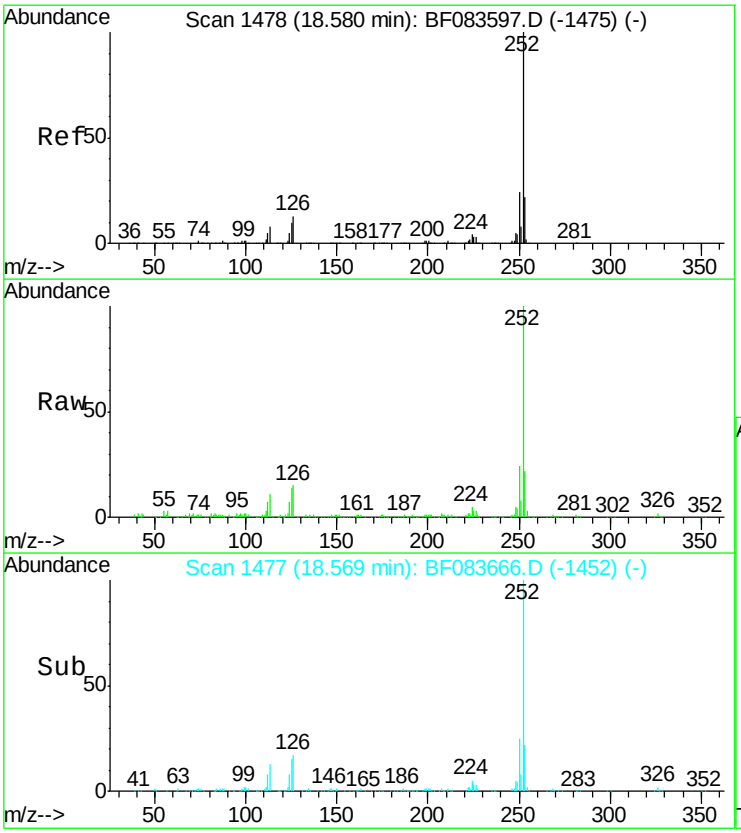
#88
Benzo(k)fluoranthene
Concen: 17.98 ng
RT: 18.25 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:252 Resp: 281467

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	11.9	11.5	17.3

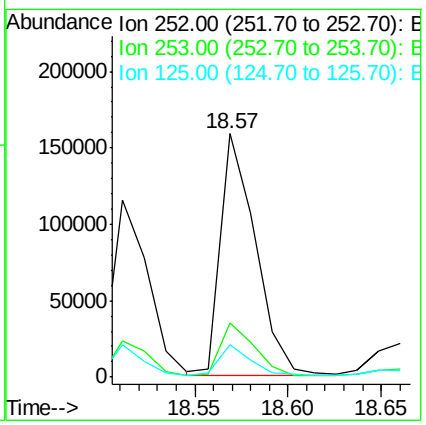


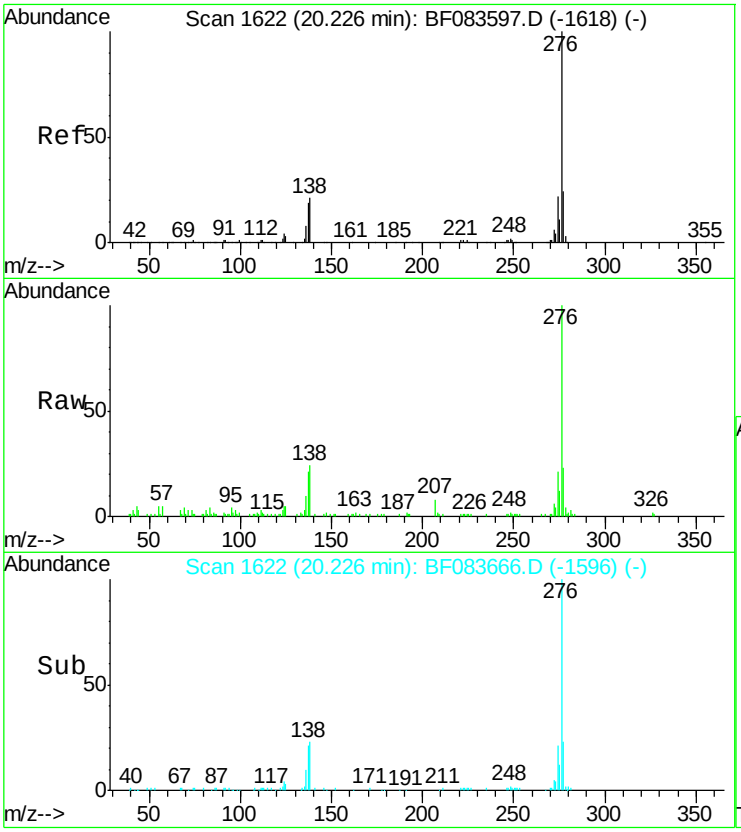


#89
Benzo(a)pyrene
Concen: 15.08 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Tgt Ion:252 Resp: 209080

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	13.5	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 13.14 ng
RT: 20.23 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BF083666.D
Acq: 10 Dec 2015 5:15

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-08(0-8)DL

Tgt Ion:276 Resp: 135822

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	23.5	19.5	29.3