Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
Data File : BF083686.D
Acq On : 10 Dec 2015 20:31
Operator : UM/IZ
Sample : G4582-13DL 40X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-06(6-13)DL

Quant Time: Dec 11 01:04:10 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	5.62	152	147025	20.00	ng		-0.08
21) Naphthalene-d8	7.50	136	561767	20.00	ng		-0.10
38) Acenaphthene-d10	10.29	164	273363	20.00	ng		-0.09
63) Phenanthrene-d10	12.69	188	481027	20.00	ng		-0.09
75) Chrysene-d12	16.91	240	392288	20.00	ng		-0.08
86) Perylene-d12	18.57	264	305636	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	4.12	112	9131	0.94	ng		0.15
7) Phenol-d6	5.34	99	24408	1.88	ng		0.07
23) Nitrobenzene-d5	6.45	82	1331	0.11	ng		-0.08
41) 2,4,6-Tribromophenol	11.63	330	5426	2.23	ng		-0.06
44) 2-Fluorobiphenyl	9.26	172	44219	2.28	ng		-0.08
78) Terphenyl-d14	15.32	244	41766	2.51	ng		-0.09
Target Compounds							Qvalue
31) Naphthalene	7.54	128	1546112	51.97	ng		99
32) Benzoic acid	7.37	122	224	3.07	ng	#	25
33) 4-Chloroaniline	7.54	127	201507	18.57	ng	#	27
35) Caprolactam	8.28	113	8076	3.20	ng	#	17
37) 2-Methylnaphthalene	8.65	142	190927	10.22	ng		99
45) 1,1'-Biphenyl	9.41	154	82204	3.46	ng		98
48) Acenaphthylene	10.09	152	90039	3.04	ng		97
51) Acenaphthene	10.34	154	312149	18.43	ng		100
55) 4-Nitrophenol	10.67	139	13359	6.35	ng	#	35
57) Fluorene	11.20	166	178396	8.70	ng		99
64) 4,6-Dinitro-2-methylphenol	11.45	198	236	2.02	ng	#	1
69) Pentachlorophenol	12.19	266	274	8.33	ng	#	18
70) Phenanthrene	12.73	178	1020048	36.91	ng		99
71) Anthracene	12.82	178	345997	12.09	ng		97
74) Fluoranthene	14.66	202	726388	25.69	ng		100
77) Pyrene	15.01	202	1076335	38.11	ng		99
80) Benzo(a)anthracene	16.96	228	313097	13.64	ng		93
82) Chrysene	16.96	228	313097	13.60	ng		98
85) Indeno(1,2,3-cd)pyrene	19.71	276	36387	2.34	ng	#	100
87) Benzo(b)fluoranthene	18.20	252	405698	23.31	ng		97
88) Benzo(k)fluoranthene	18.20	252	405698	21.16	ng		96
89) Benzo(a)pyrene	18.52	252	291619	17.17	ng		97
90) Dibenzo(a,h)anthracene	19.83	278	35040	2.70	ng	#	83
91) Benzo(g,h,i)perylene	20.17	276	191400	15.12	ng		97

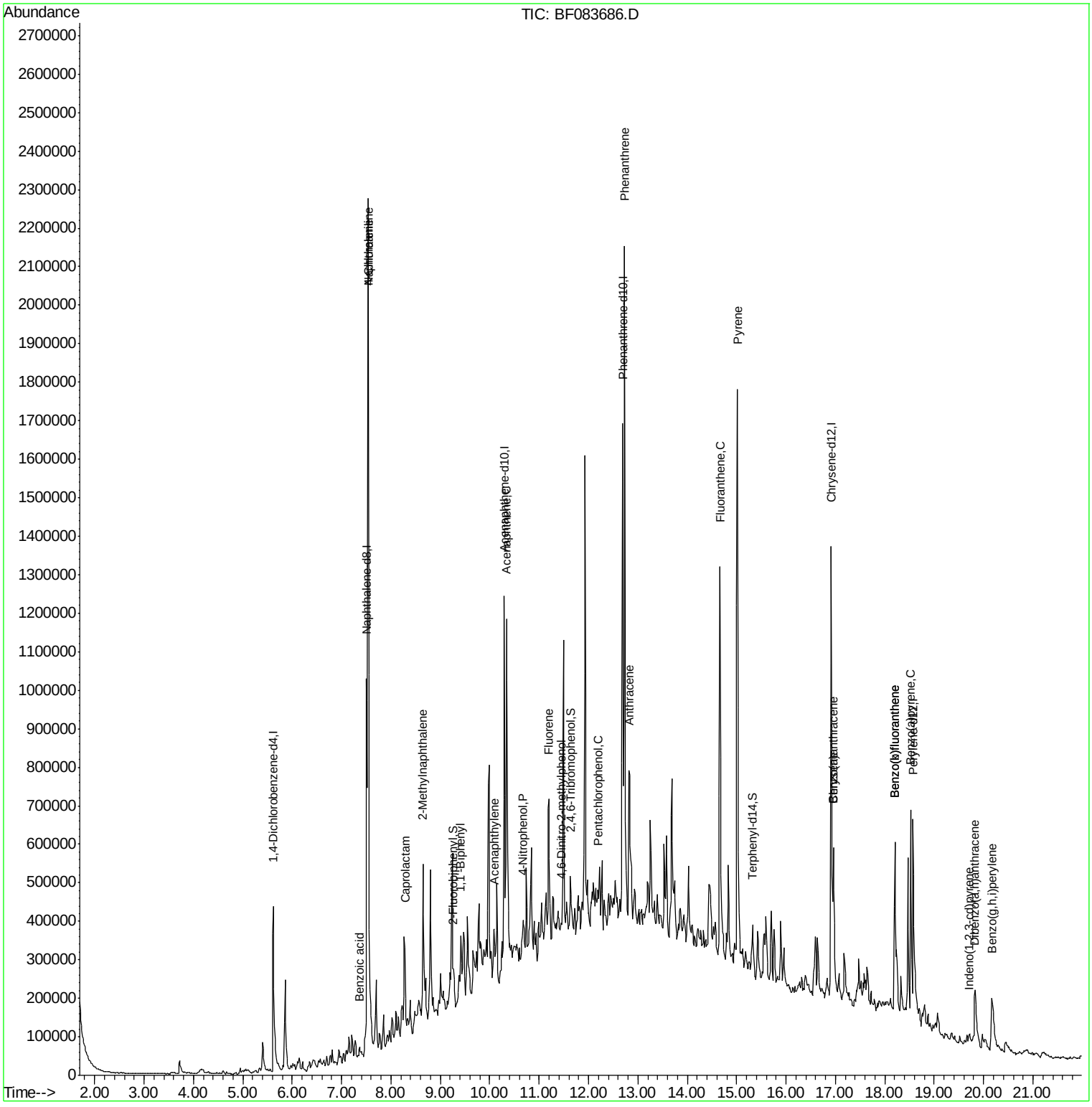
(#) = qualifier out of range (m) = manual integration (+) = signals summed

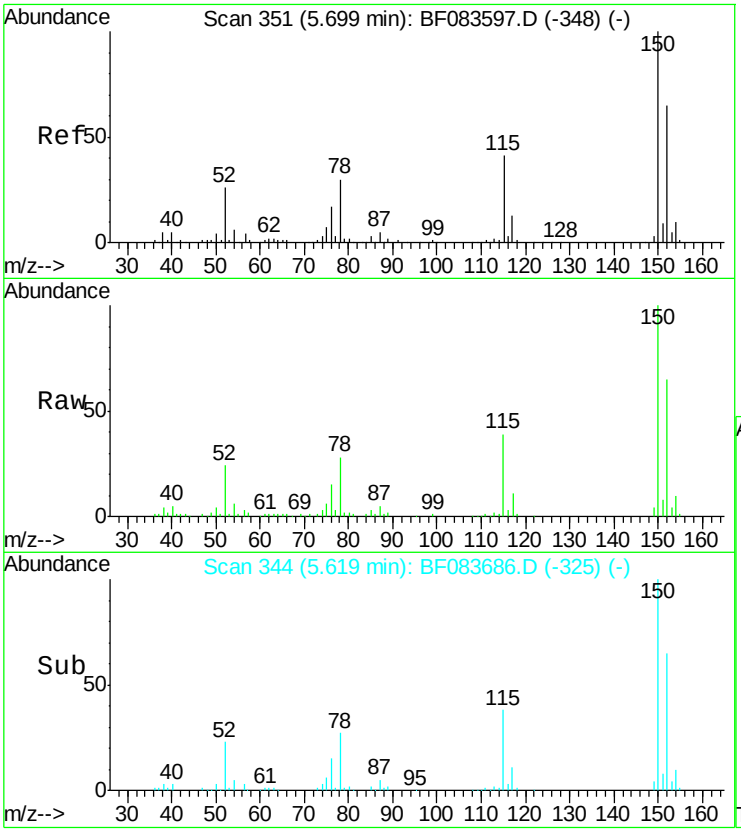
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
Data File : BF083686.D
Acq On : 10 Dec 2015 20:31
Operator : UM/IZ
Sample : G4582-13DL 40X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Quant Time: Dec 11 01:04:10 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



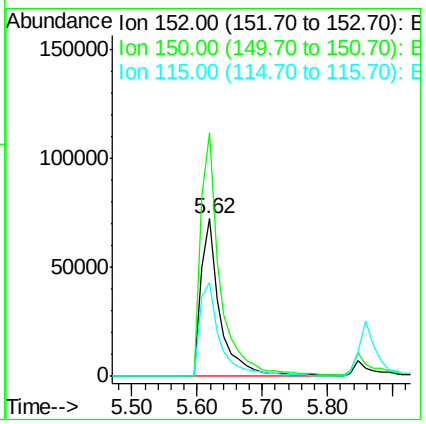


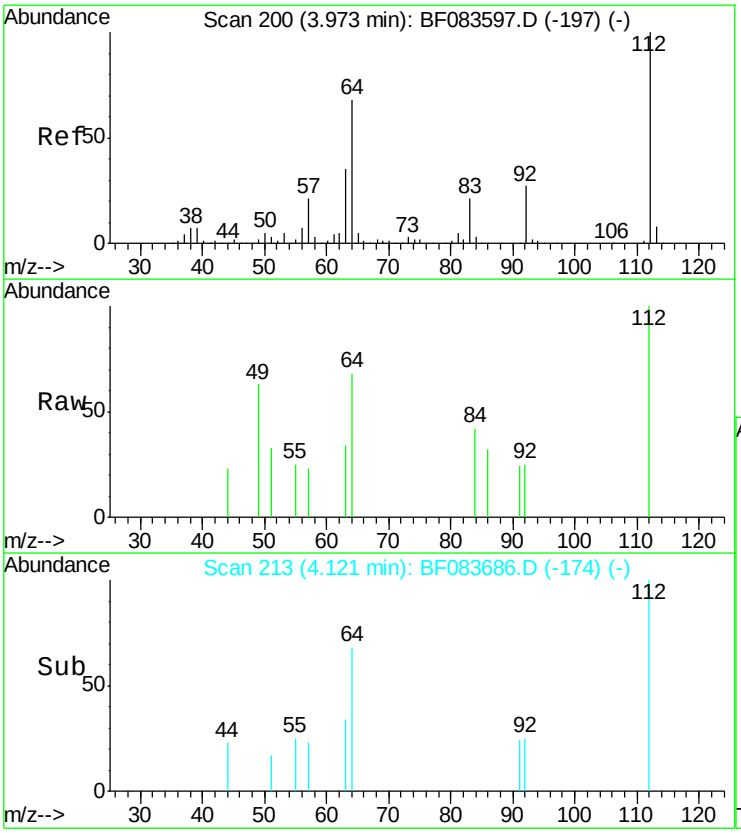
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.62 min Scan# 344
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:152 Resp: 147025

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.5	189.7
115	59.6	52.3	78.5

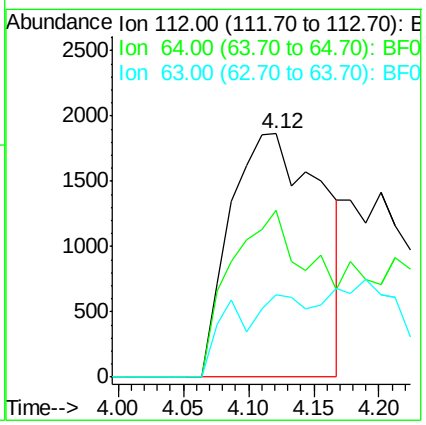


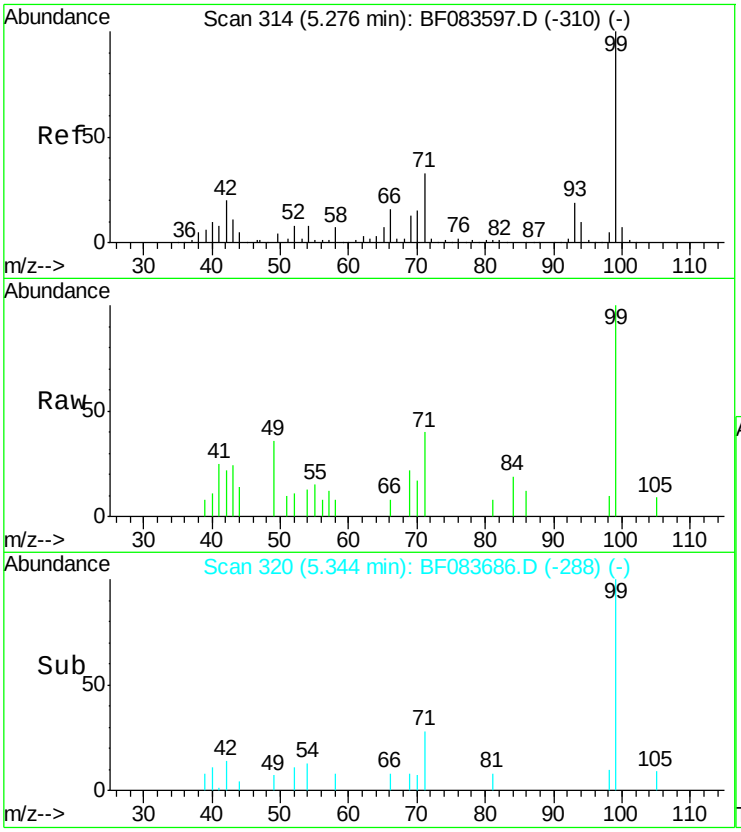


#5
2-Fluorophenol
Concen: 0.94 ng
RT: 4.12 min Scan# 213
Delta R.T. 0.15 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:112 Resp: 9131

Ion	Ratio	Lower	Upper
112	100		
64	68.3	50.5	75.7
63	34.0	25.8	38.6



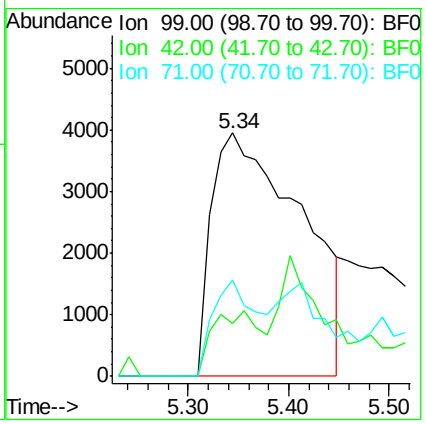


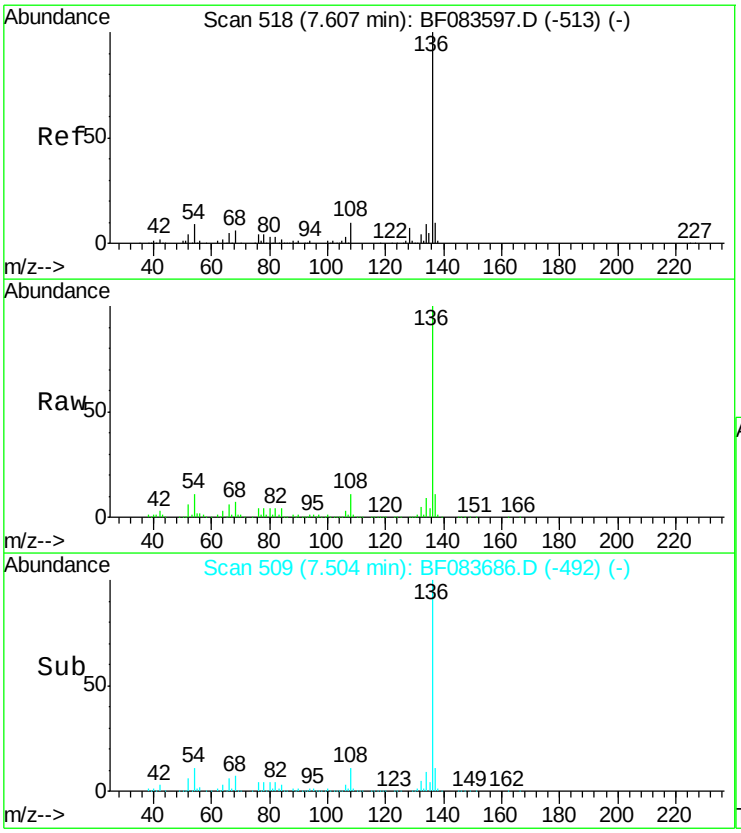
#7
Phenol-d6
Concen: 1.88 ng
RT: 5.34 min Scan# 320
Delta R.T. 0.07 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion: 99 Resp: 24408

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.3	25.9
71	39.8	26.6	40.0

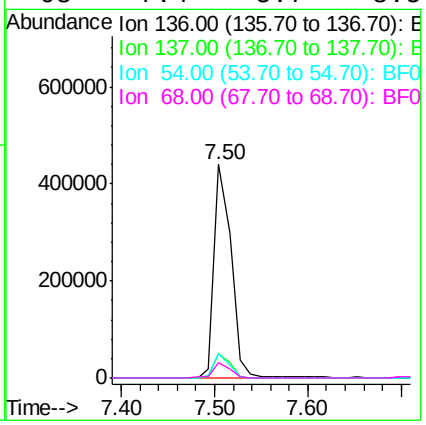


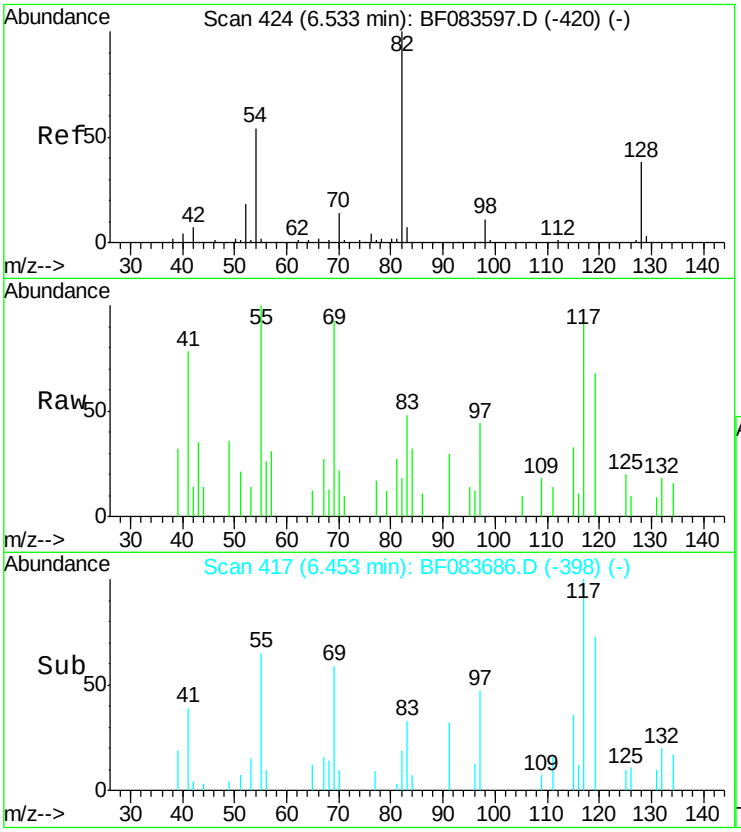


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.50 min Scan# 509
Delta R.T. -0.10 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:136 Resp: 561767

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.3	7.8	11.6
68	7.4	5.7	8.5



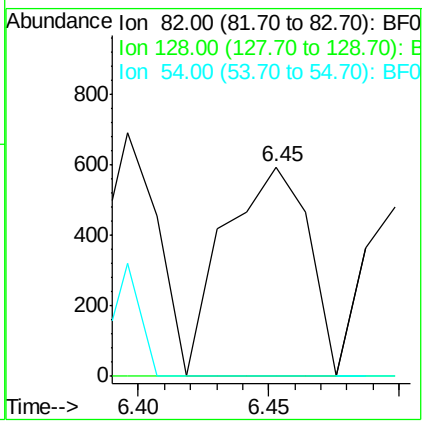


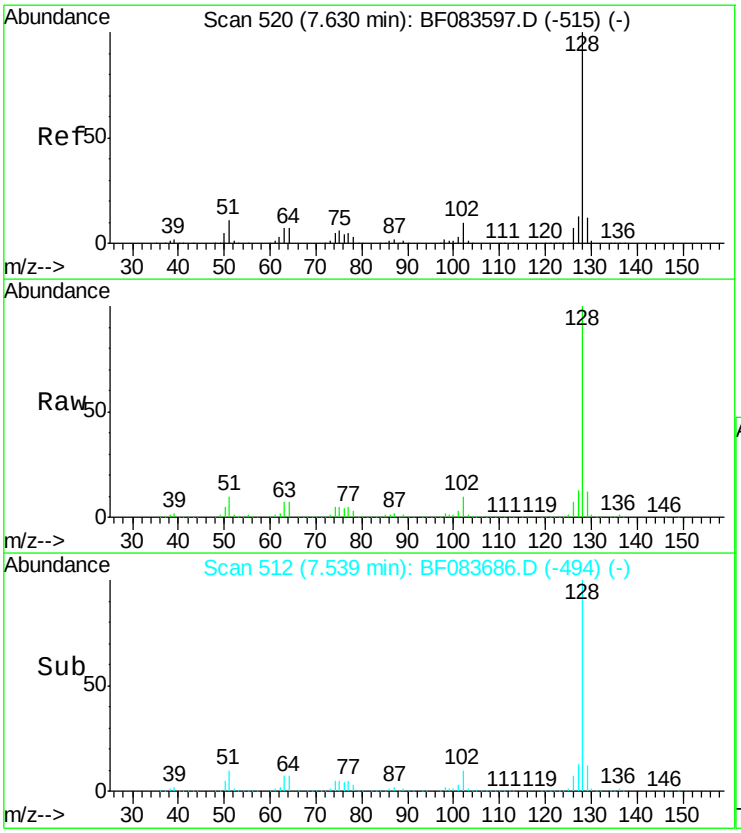
#23
Nitrobenzene-d5
Concen: 0.11 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion: 82 Resp: 1331

Ion	Ratio	Lower	Upper
82	100		
128	0.0	30.7	46.1#
54	0.0	42.5	63.7#

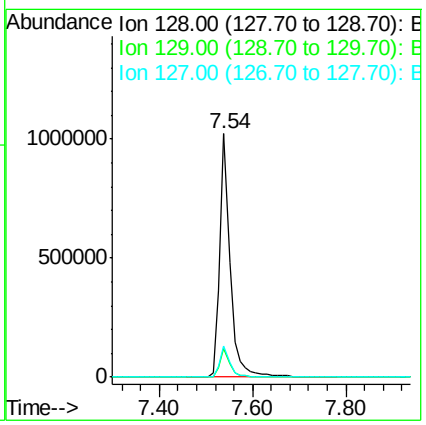


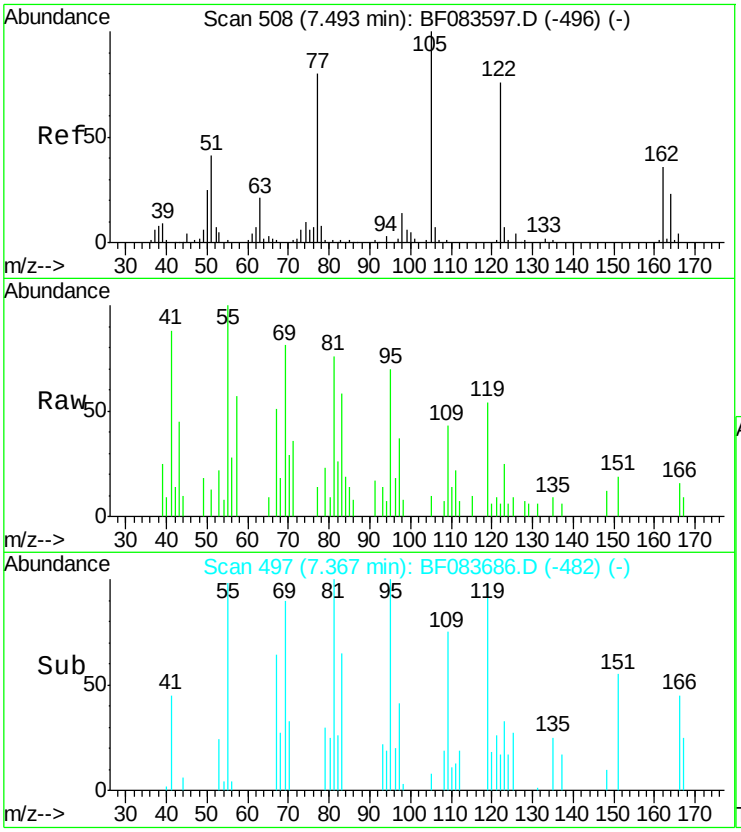


#31
Naphthalene
Concen: 51.97 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:128 Resp: 1546112

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.0	10.6	16.0



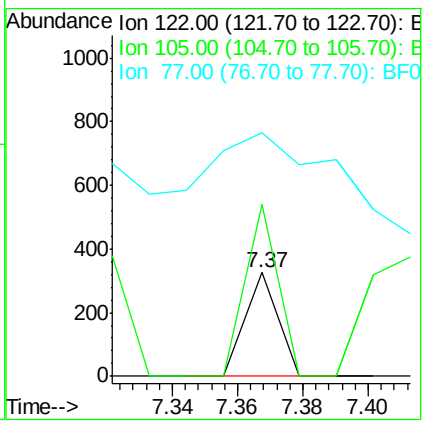


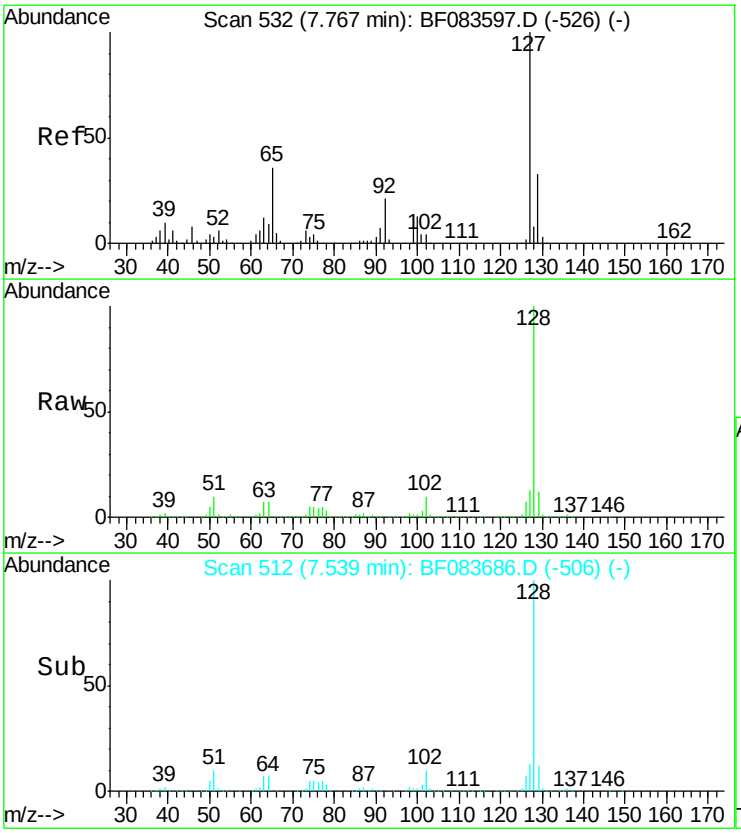
#32
Benzoic acid
Concen: 3.07 ng
RT: 7.37 min Scan# 497
Delta R.T. -0.12 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:122 Resp: 224

Ion	Ratio	Lower	Upper
122	100		
105	165.3	105.6	145.6#
77	234.7	86.8	126.8#

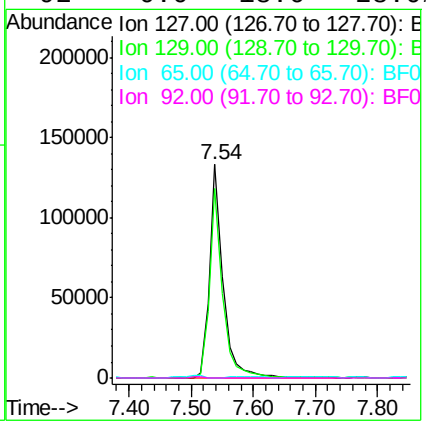


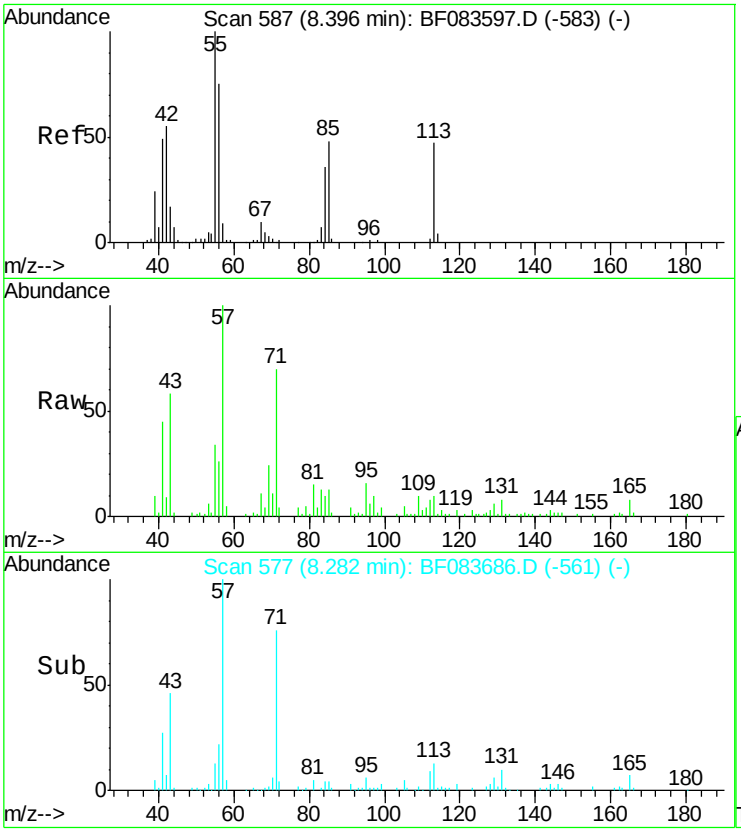


#33
4-Chloroaniline
Concen: 18.57 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.23 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:127 Resp: 201507

Ion	Ratio	Lower	Upper
127	100		
129	89.0	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#



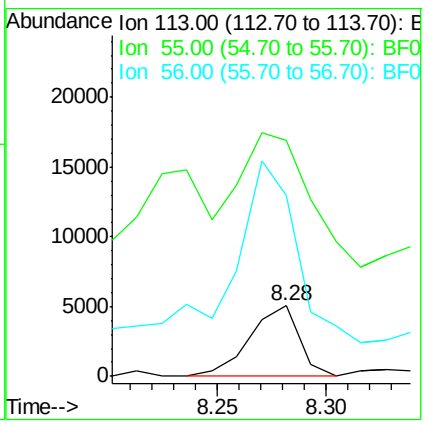


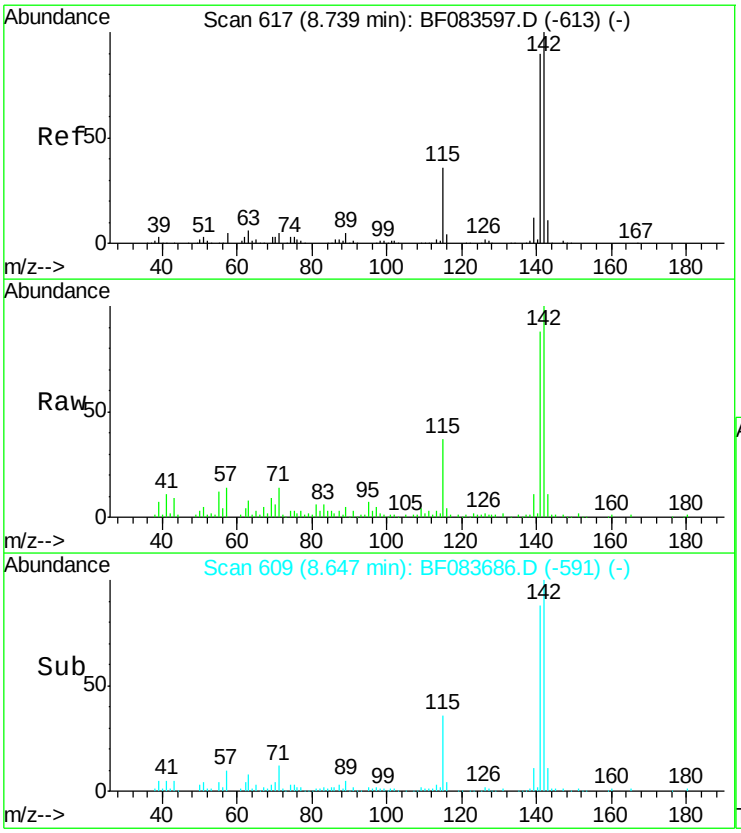
#35
Caprolactam
Concen: 3.20 ng
RT: 8.28 min Scan# 577
Delta R.T. -0.11 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:113 Resp: 8076

Ion	Ratio	Lower	Upper
113	100		
55	336.9	189.7	229.7#
56	258.0	130.7	170.7#

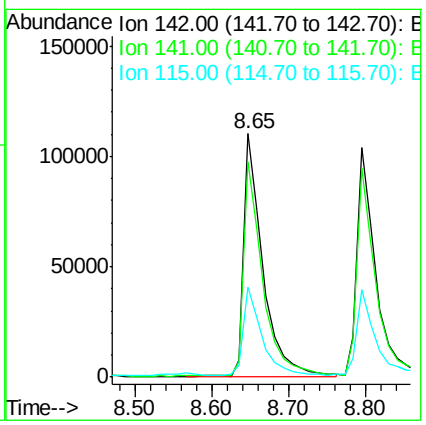


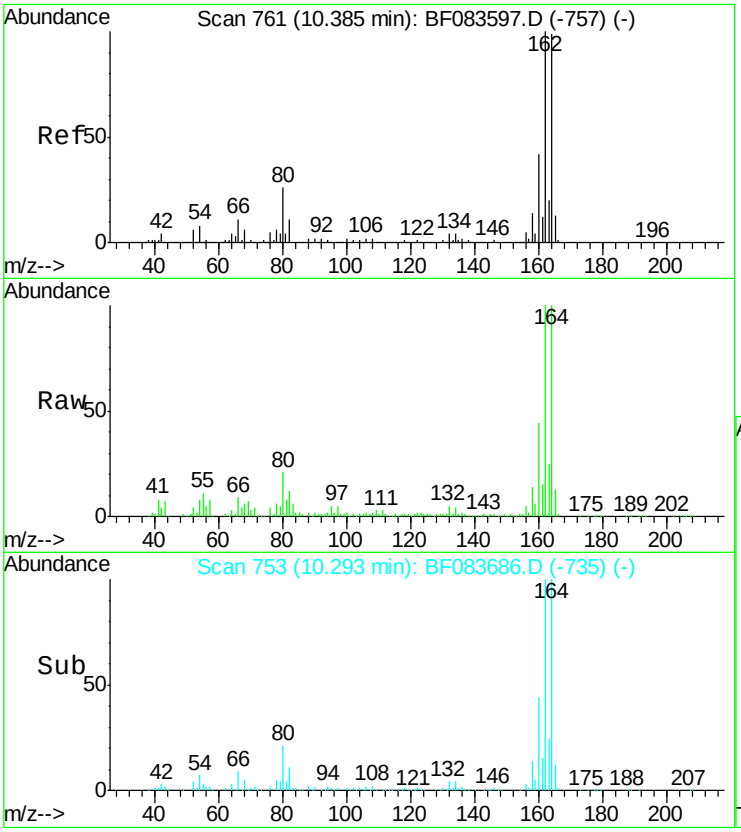


#37
2-Methylnaphthalene
Concen: 10.22 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:142 Resp: 190927

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	36.7	29.2	43.8



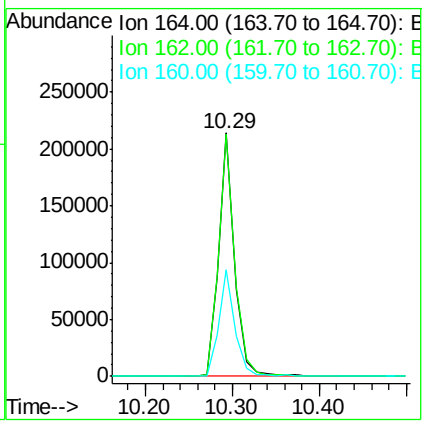


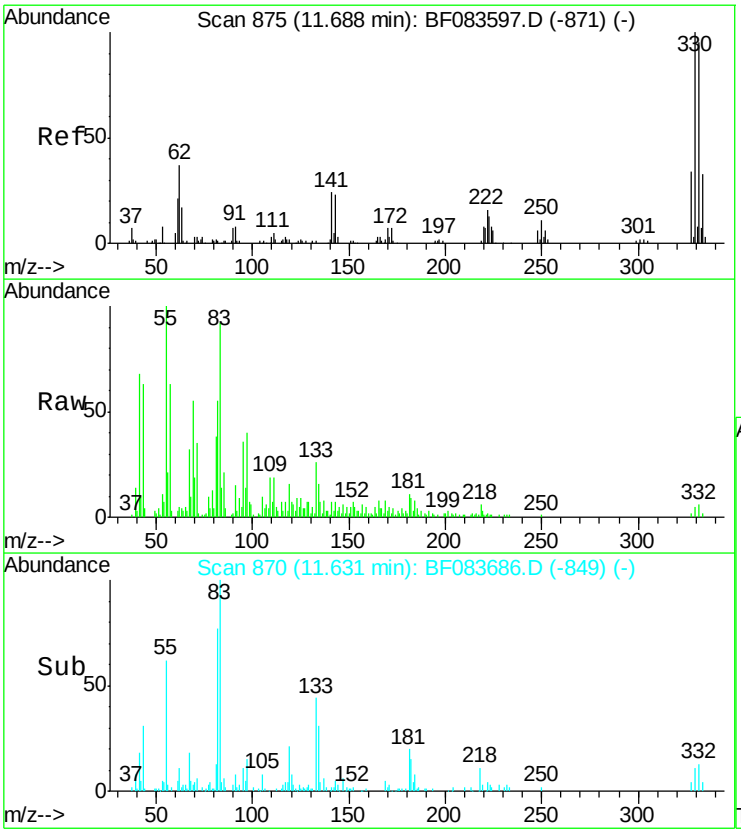
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:164 Resp: 273363

Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	43.6	33.4	50.2

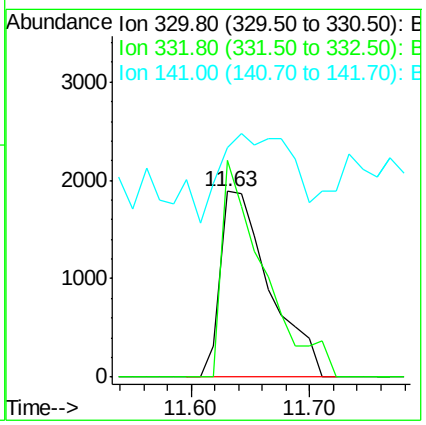


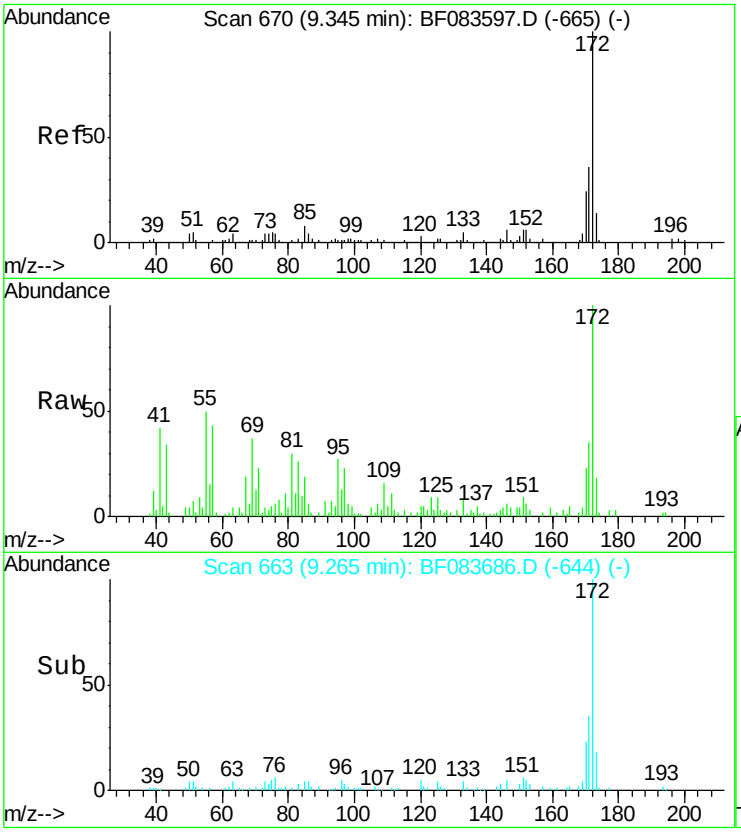


#41
2,4,6-Tribromophenol
Concen: 2.23 ng
RT: 11.63 min Scan# 870
Delta R.T. -0.06 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:330 Resp: 5426

Ion	Ratio	Lower	Upper
330	100		
332	99.8	0.0	0.0#
141	68.4	0.0	0.0#



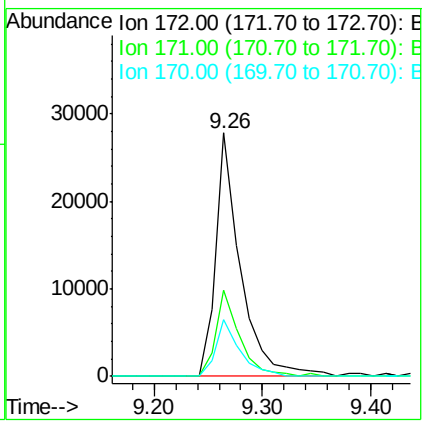


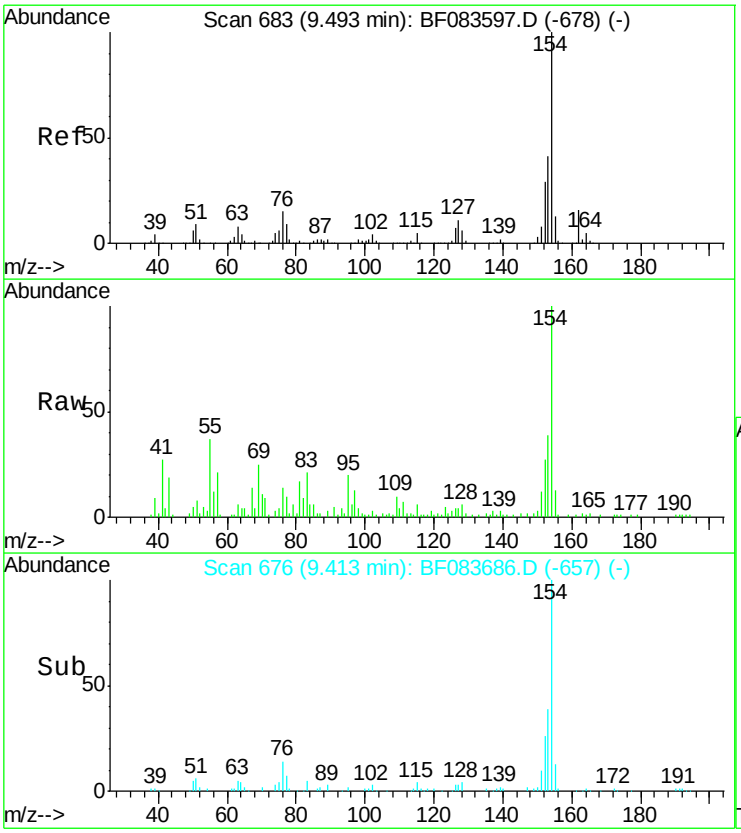
#44
2-Fluorobiphenyl
Concen: 2.28 ng
RT: 9.26 min Scan# 663
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:172 Resp: 44219

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.5	19.4	29.0

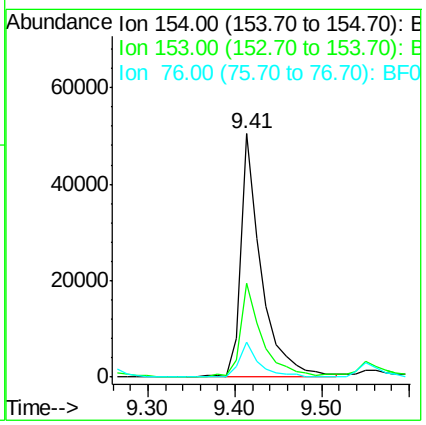


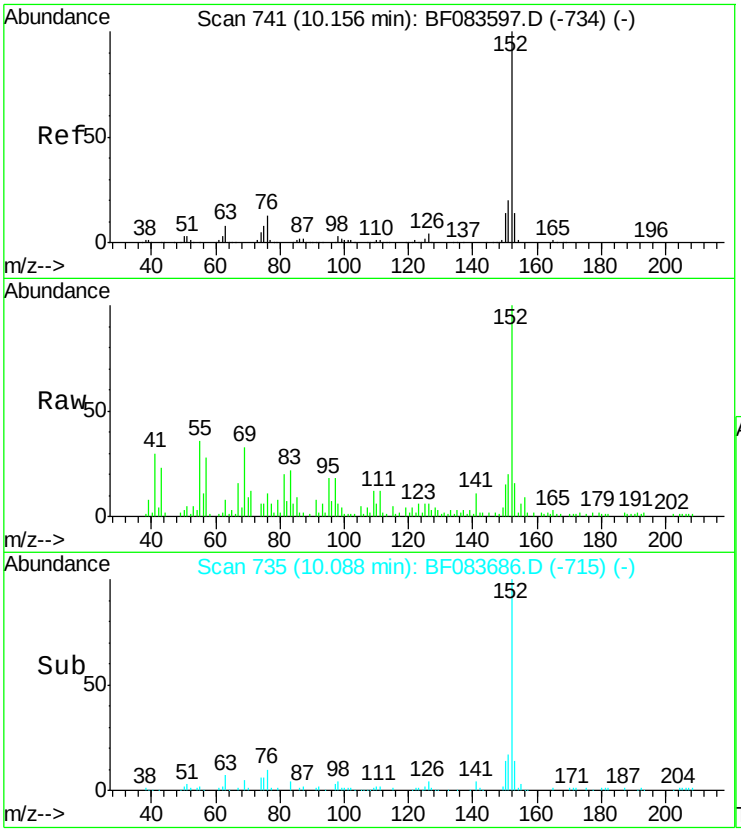


#45
1,1'-Biphenyl
Concen: 3.46 ng
RT: 9.41 min Scan# 676
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:154 Resp: 82204

Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.2	60.2
76	14.3	0.0	34.8



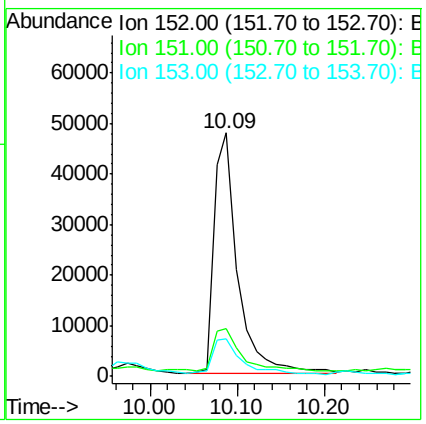


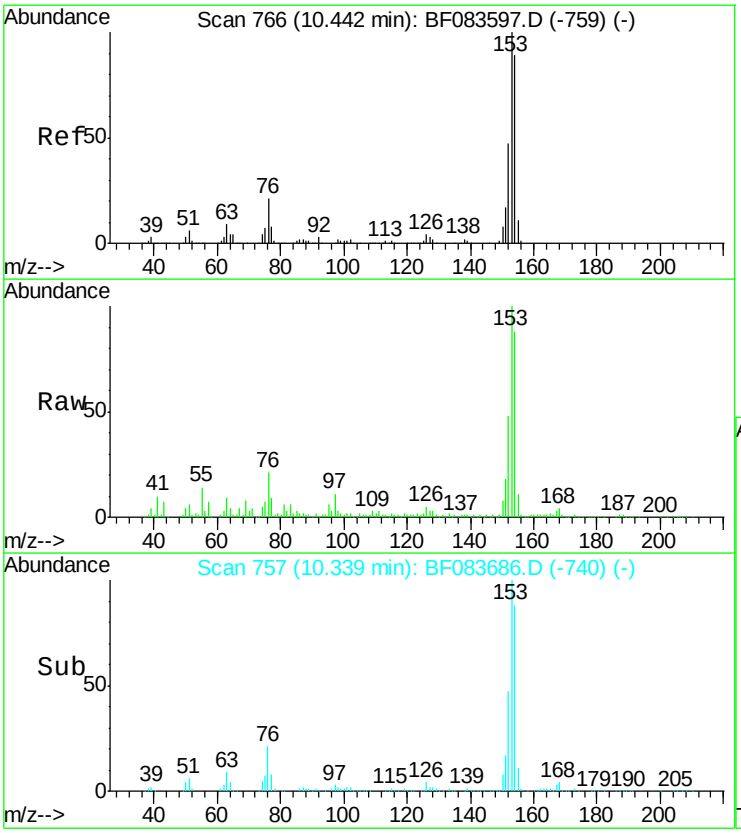
#48
Acenaphthylene
Concen: 3.04 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:152 Resp: 90039

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	15.6	10.8	16.2

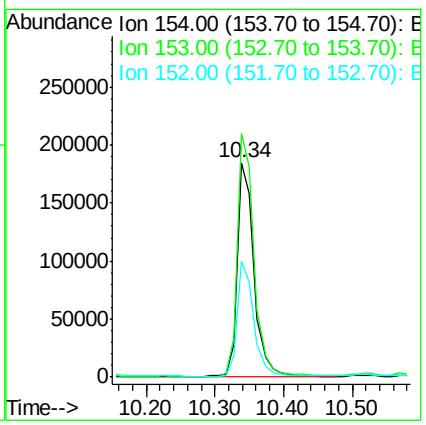


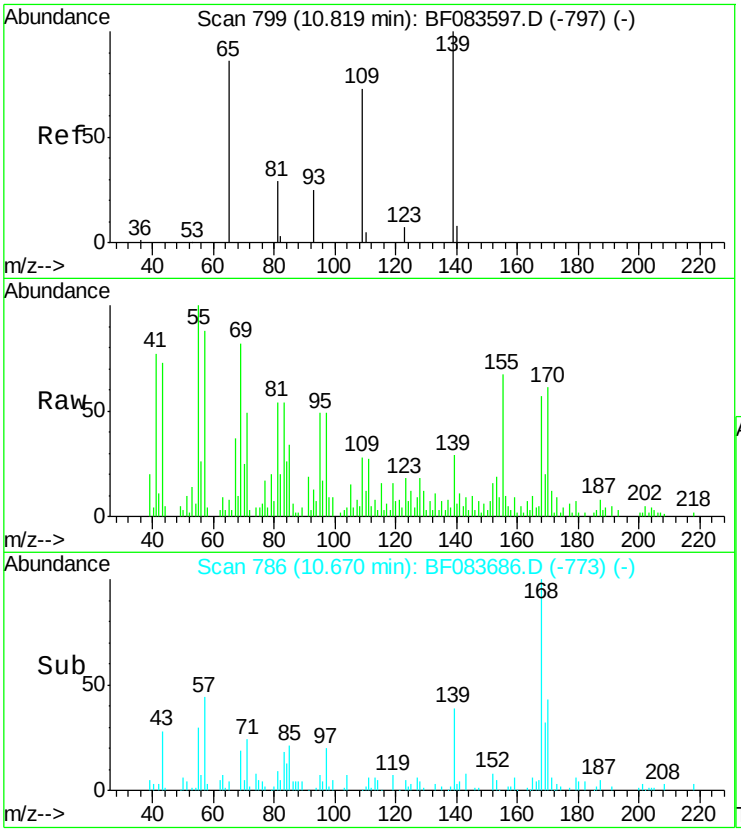


#51
Acenaphthene
Concen: 18.43 ng
RT: 10.34 min Scan# 757
Delta R.T. -0.10 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:154 Resp: 312149

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.0
152	54.1	43.4	65.2



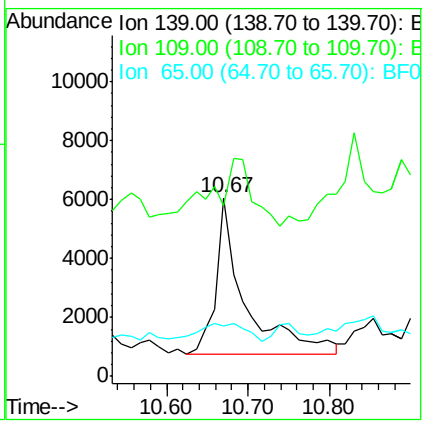


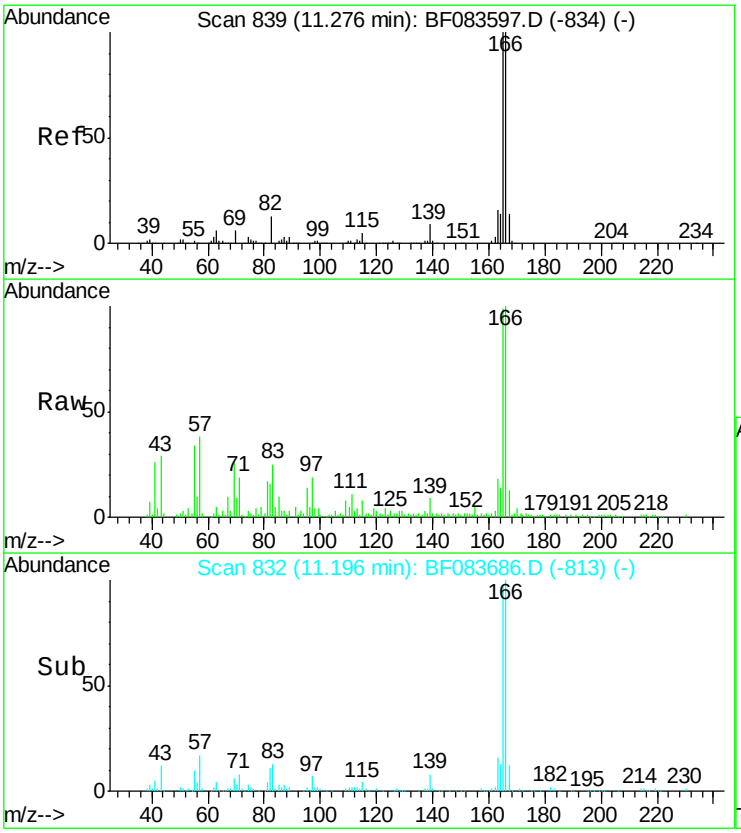
#55
4-Nitrophenol
Concen: 6.35 ng
RT: 10.67 min Scan# 786
Delta R.T. -0.15 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:139 Resp: 13359

Ion	Ratio	Lower	Upper
139	100		
109	95.1	42.0	82.0#
65	28.1	89.2	129.2#

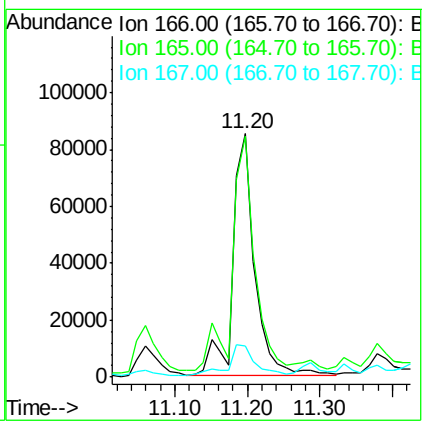


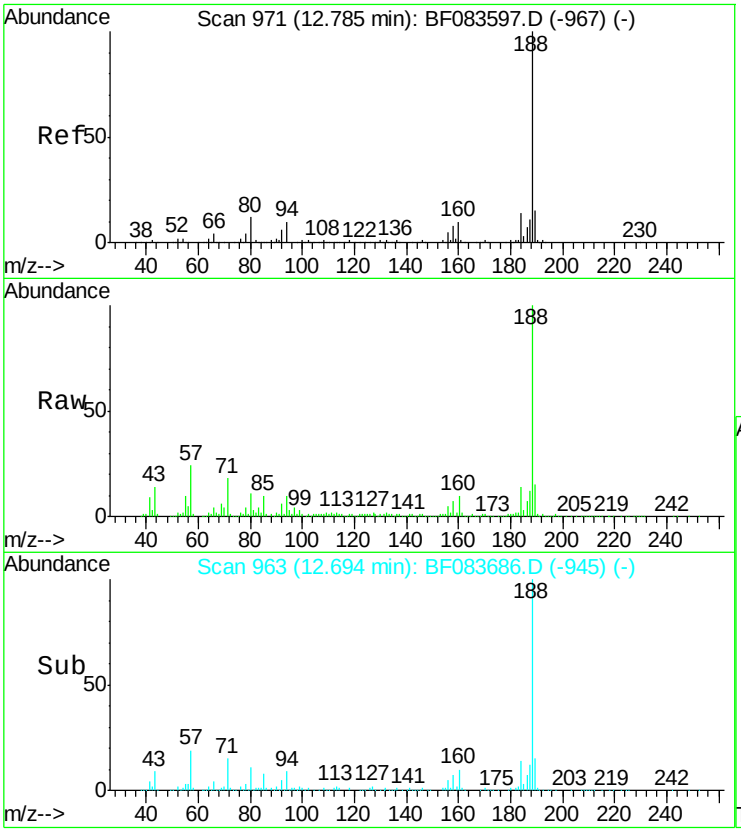


#57
Fluorene
Concen: 8.70 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:166 Resp: 178396

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.0	120.0
167	13.0	10.6	16.0



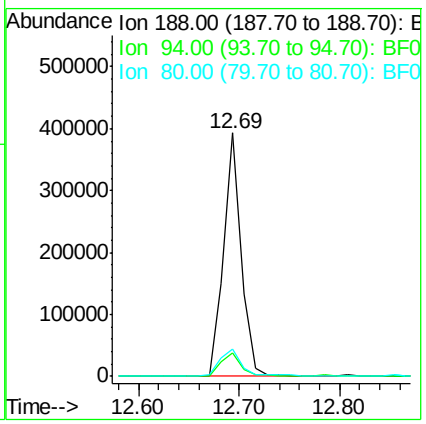


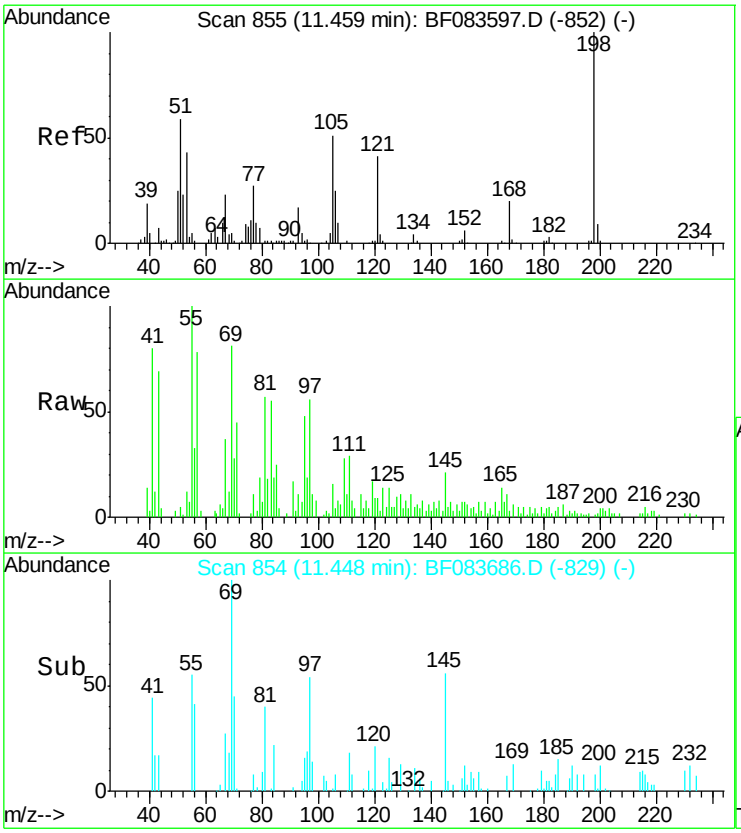
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:188 Resp: 481027

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	11.0	10.6	16.0

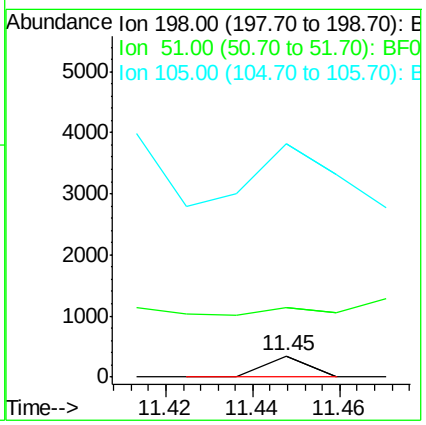


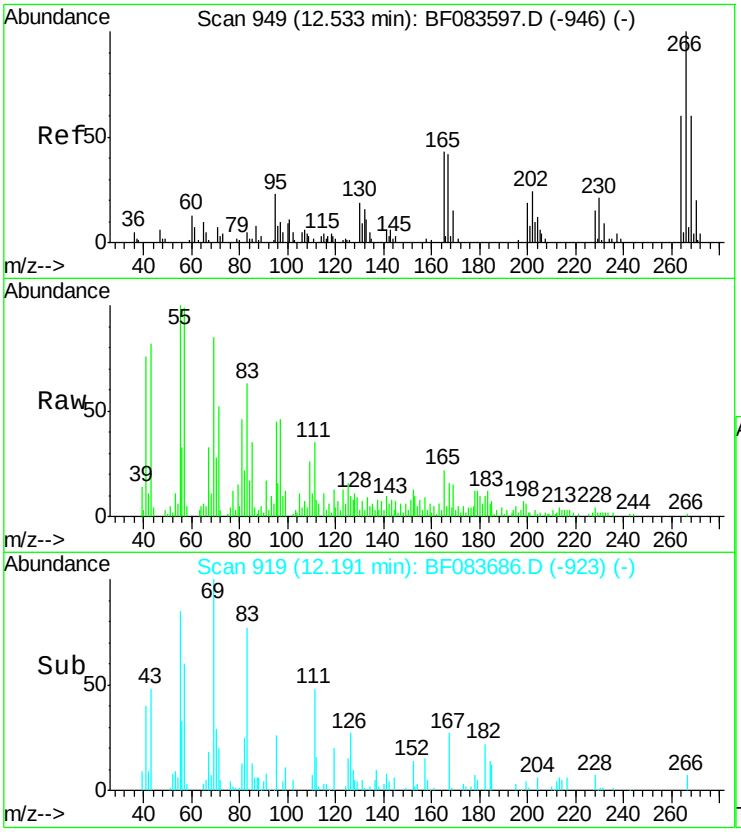


#64
4,6-Dinitro-2-methylphenol
Concen: 2.02 ng
RT: 11.45 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:198 Resp: 236

Ion	Ratio	Lower	Upper
198	100		
51	327.9	53.8	93.8#
105	1109.6	38.6	78.6#



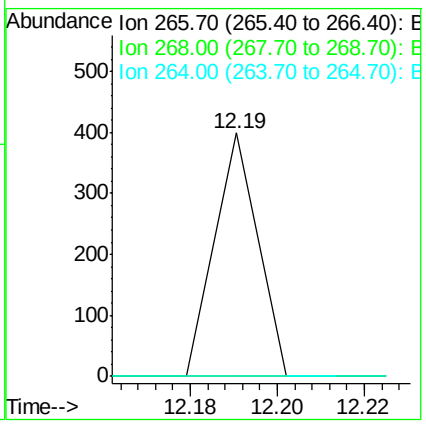


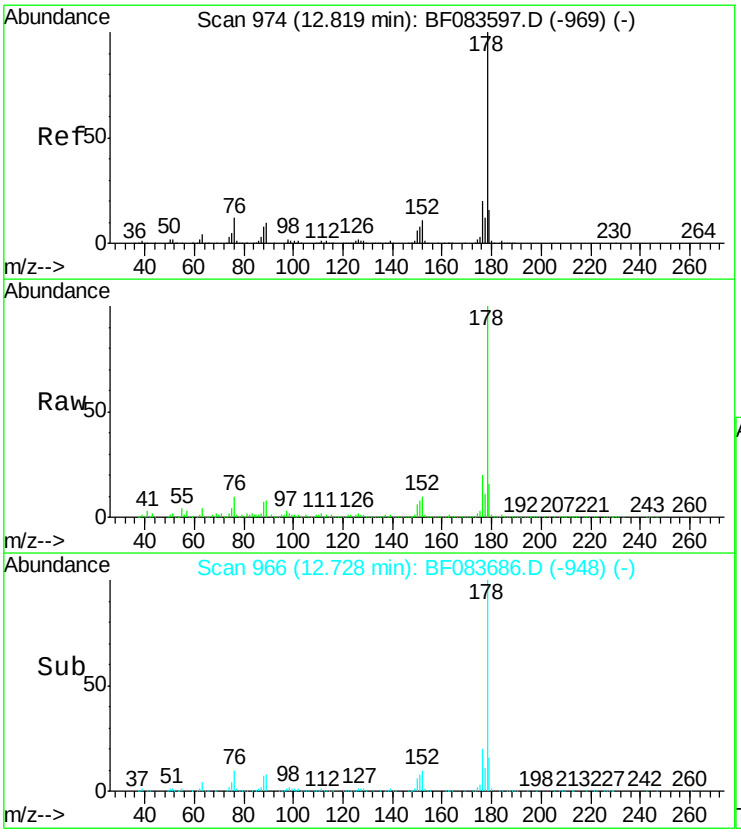
#69
Pentachlorophenol
Concen: 8.33 ng
RT: 12.19 min Scan# 919
Delta R.T. -0.34 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:266 Resp: 274

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.2	75.2#
264	0.0	51.4	77.2#

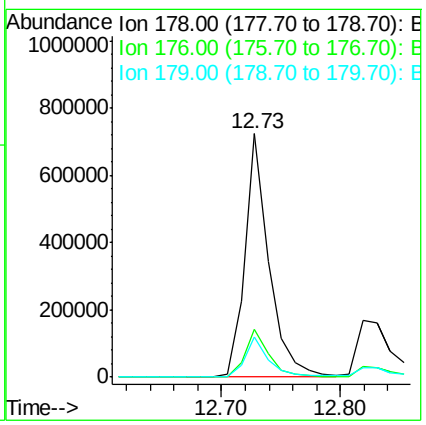


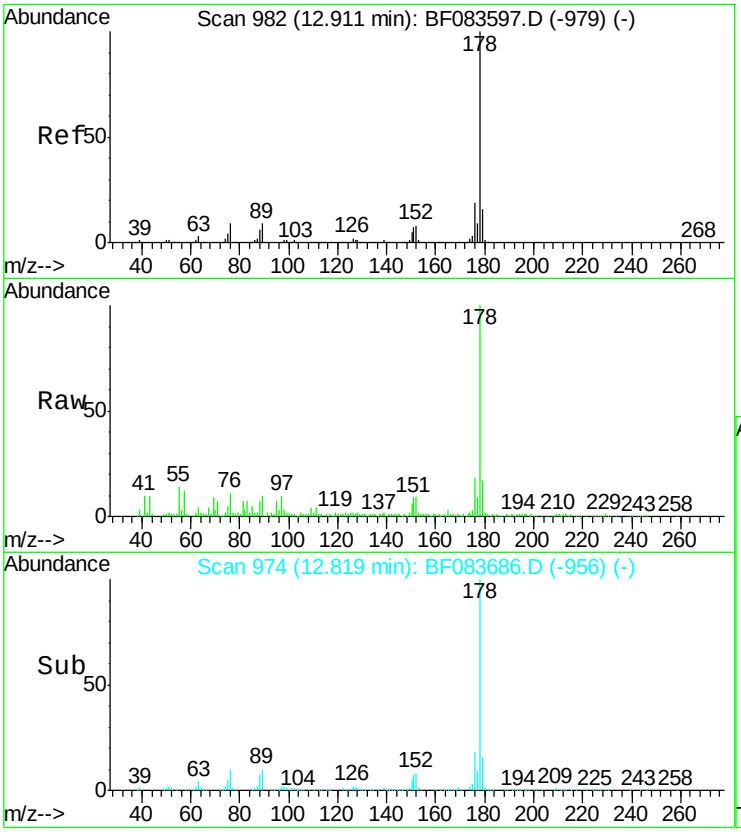


#70
Phenanthrene
Concen: 36.91 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:178 Resp: 1020048

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.4	12.2	18.4



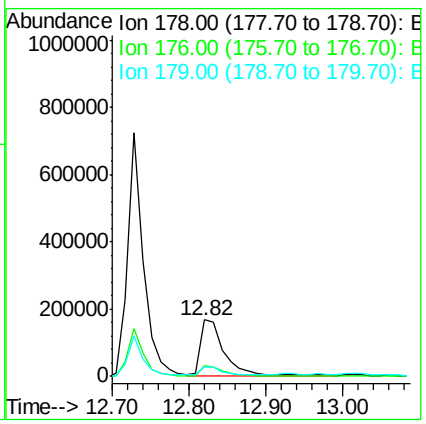


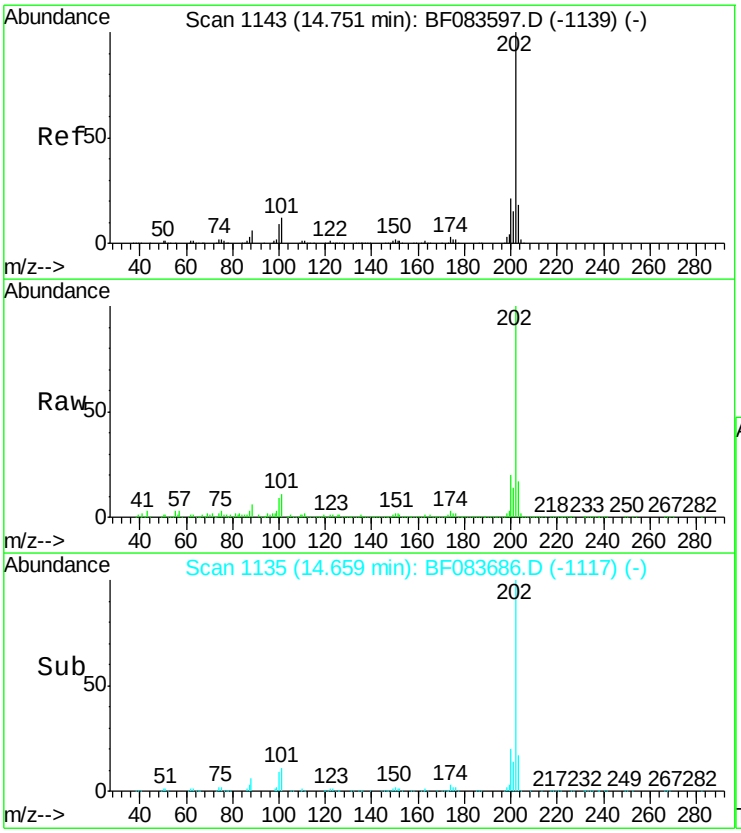
#71
Anthracene
Concen: 12.09 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:178 Resp: 345997

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	16.9	12.6	18.8

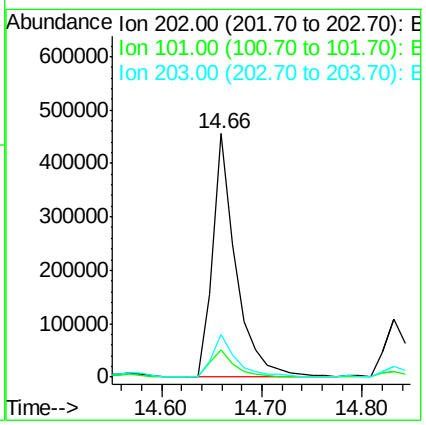


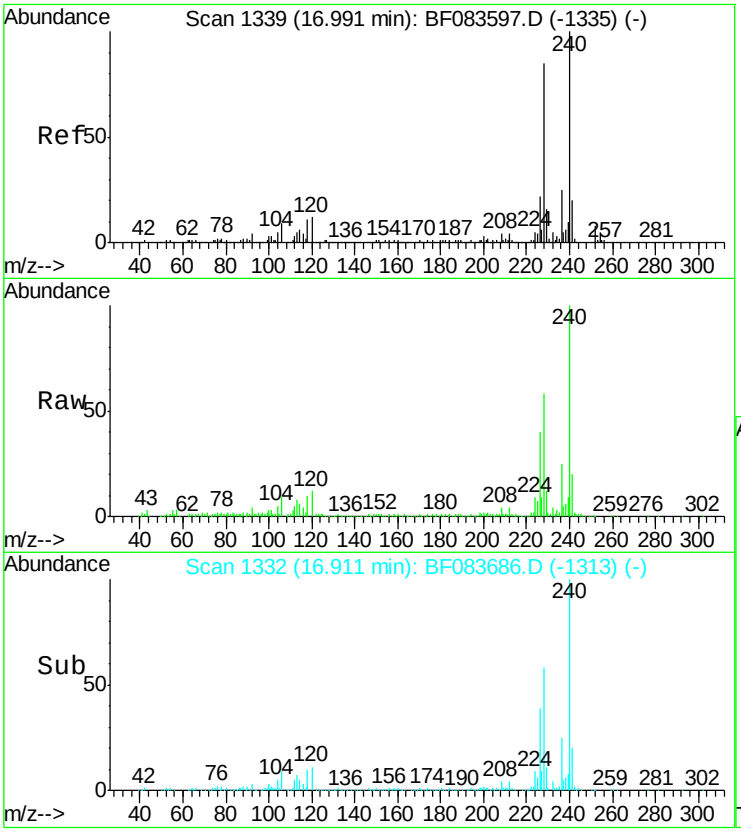


#74
Fluoranthene
Concen: 25.69 ng
RT: 14.66 min Scan# 1135
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:202 Resp: 726388

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.5
203	17.5	0.0	37.6



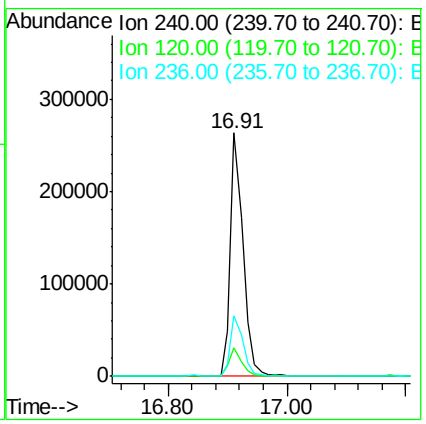


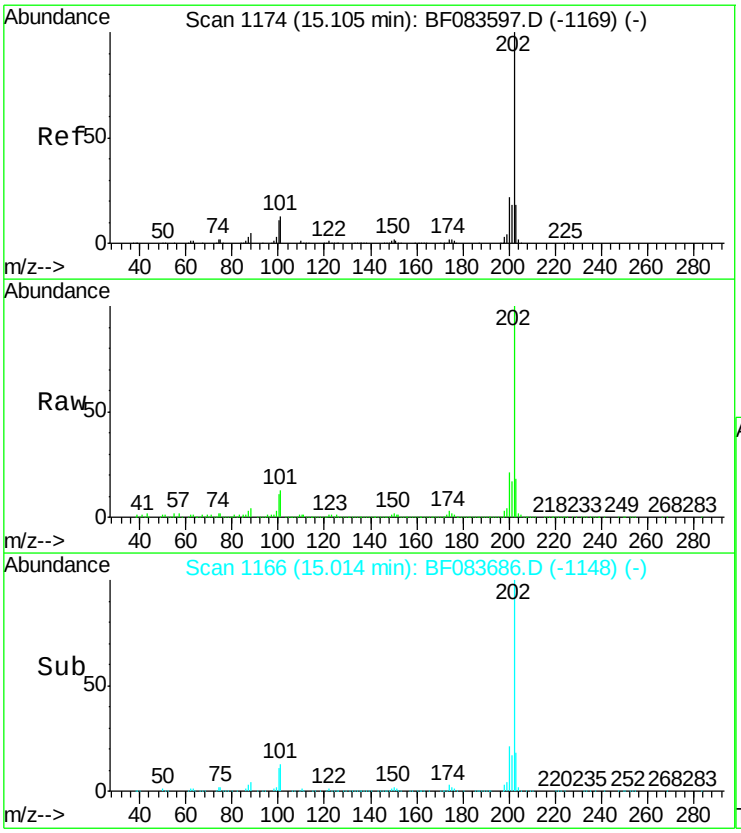
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1332
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:240 Resp: 392288

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.1	12.1
236	25.0	20.8	31.2

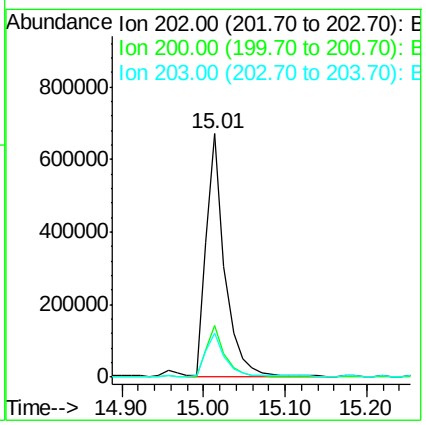


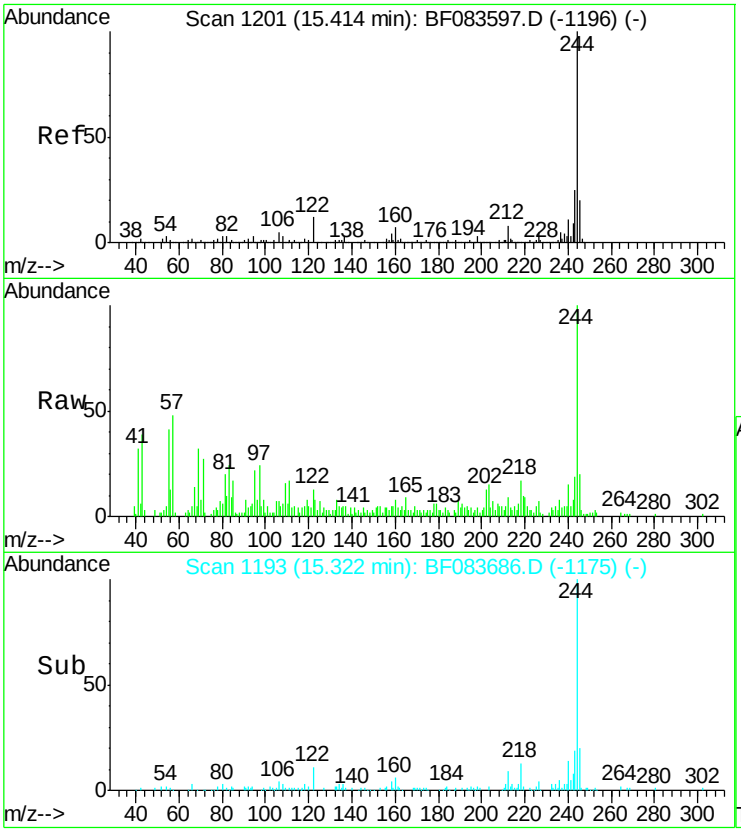


#77
Pyrene
Concen: 38.11 ng
RT: 15.01 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:202 Resp: 1076335

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	18.1	14.3	21.5



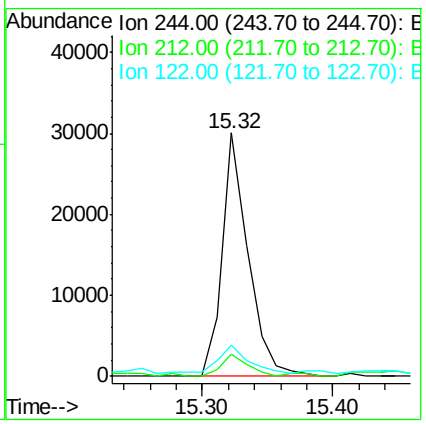


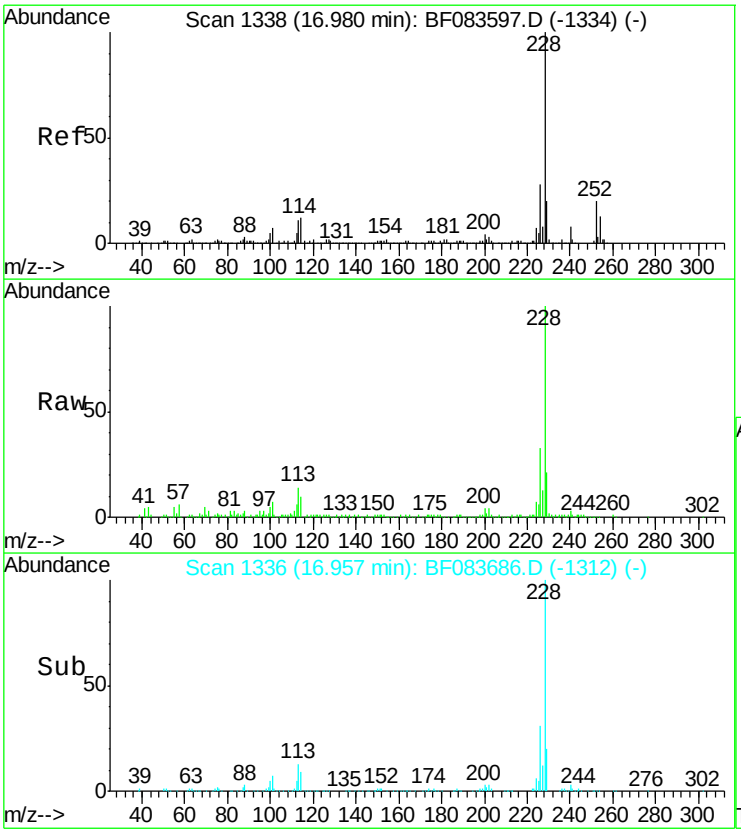
#78
Terphenyl-d14
Concen: 2.51 ng
RT: 15.32 min Scan# 1193
Delta R.T. -0.09 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:244 Resp: 41766

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.1	9.1
122	12.9	11.0	16.6

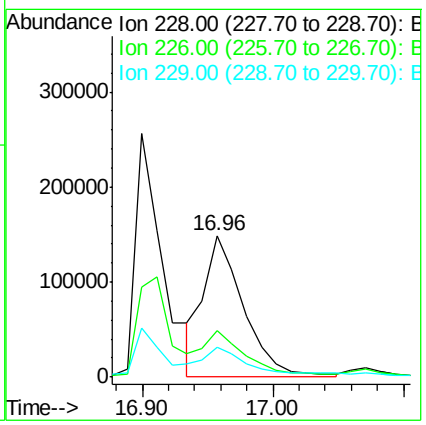


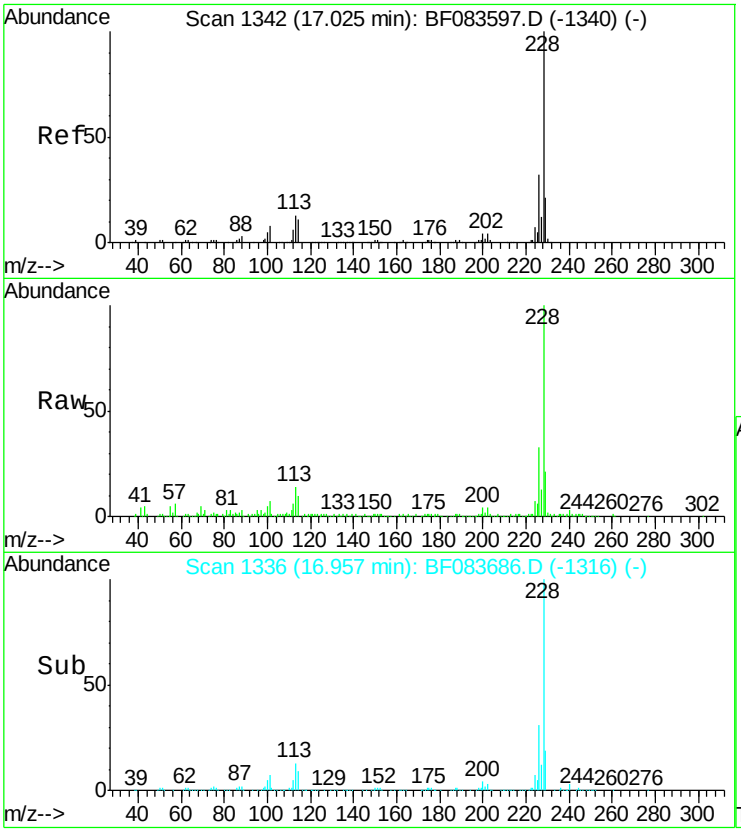


#80
Benzo(a)anthracene
Concen: 13.64 ng
RT: 16.96 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:228 Resp: 313097

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.3	33.5
229	20.7	15.7	23.5



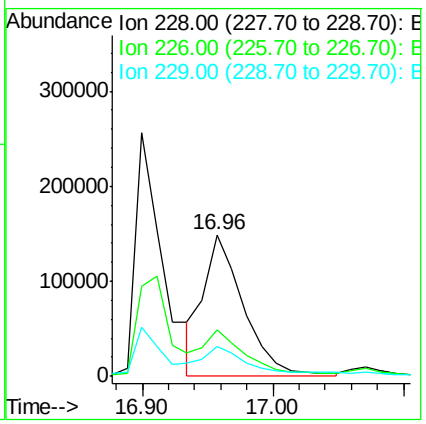


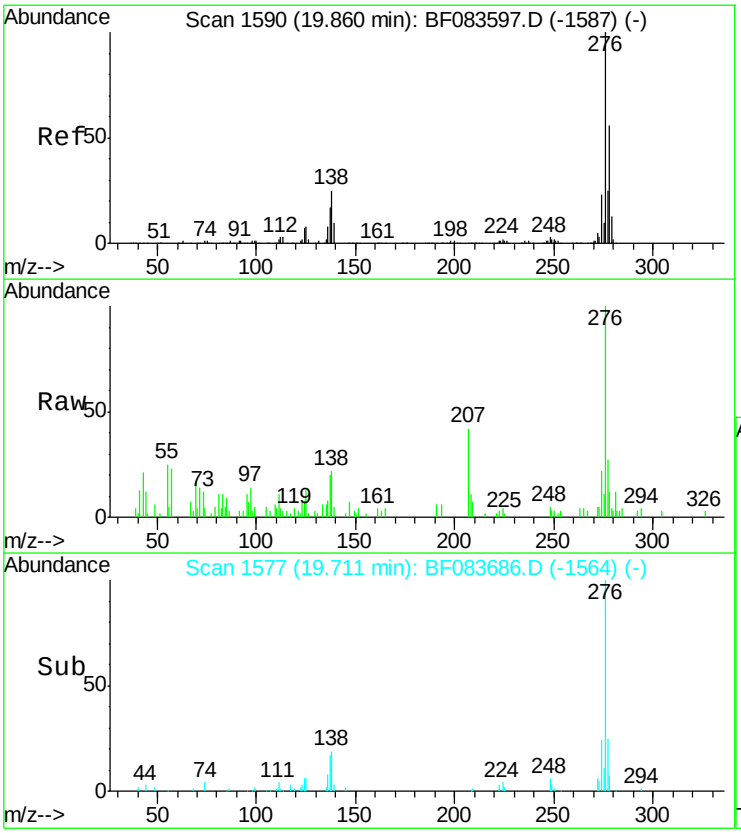
#82
Chrysene
Concen: 13.60 ng
RT: 16.96 min Scan# 1336
Delta R.T. -0.07 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:228 Resp: 313097

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.7	37.1
229	20.7	16.3	24.5

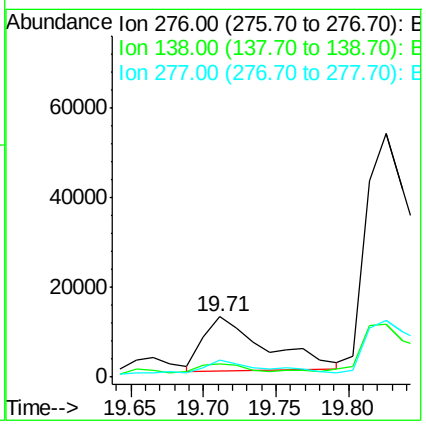


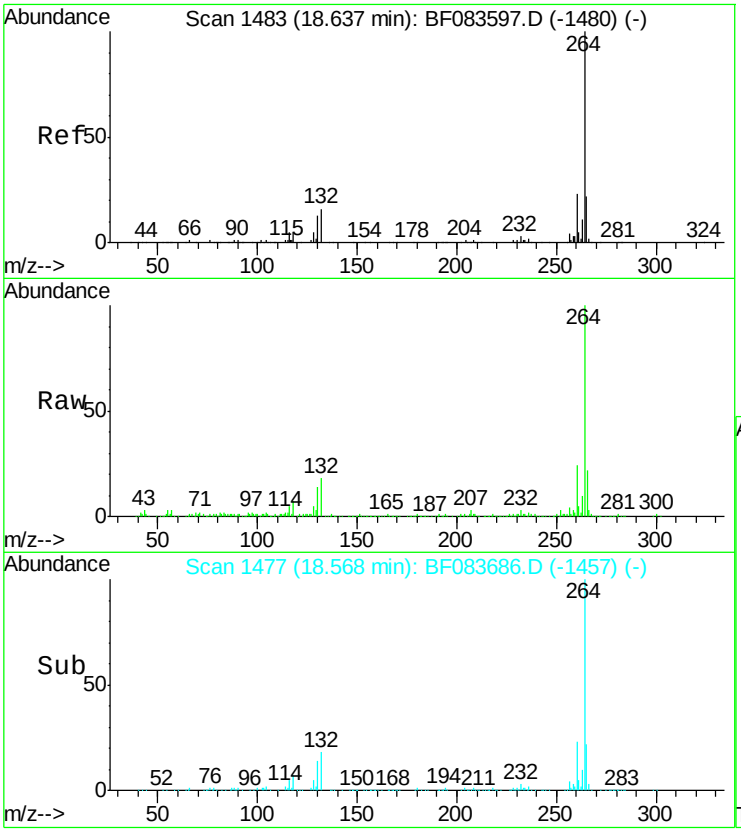


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng
RT: 19.71 min Scan# 1577
Delta R.T. -0.15 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:276 Resp: 36387

Ion	Ratio	Lower	Upper
276	100		
138	16.0	0.0	0.0#
277	37.6	0.0	0.0#



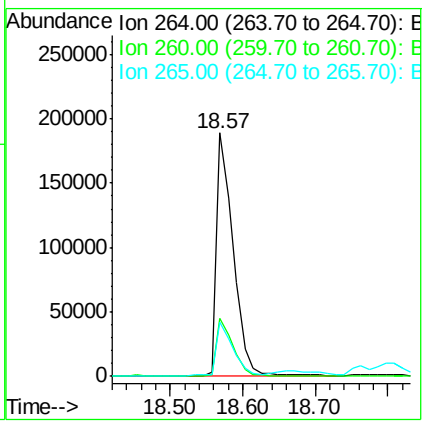


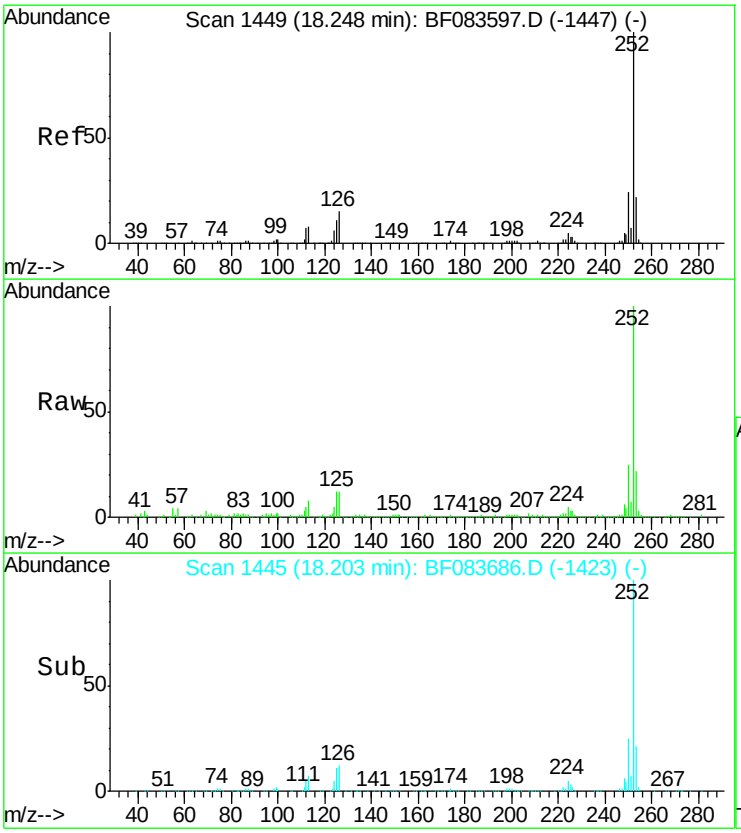
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.07 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:264 Resp: 305636

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	22.3	17.8	26.6

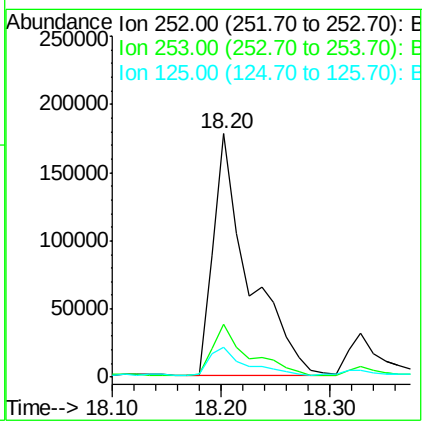


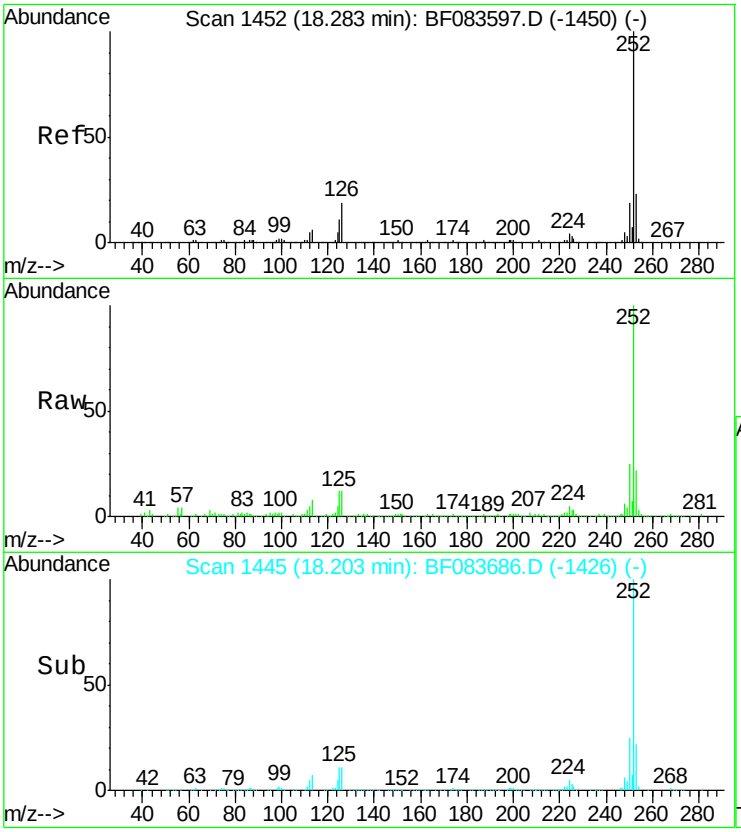


#87
Benzo(b)fluoranthene
Concen: 23.31 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.05 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:252 Resp: 405698

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	12.3	8.2	12.4



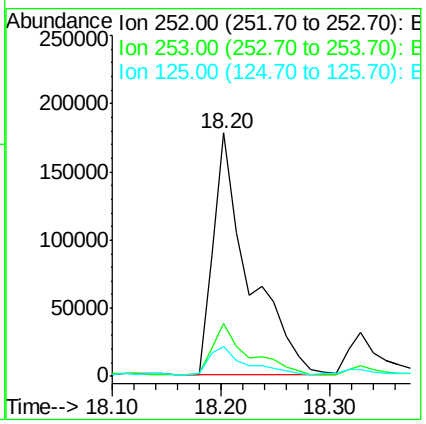


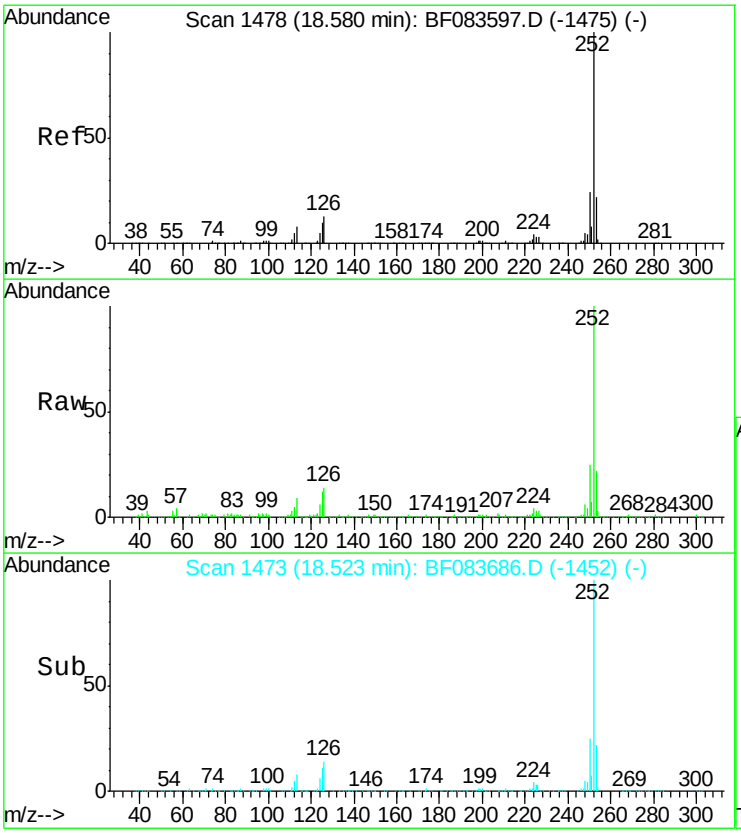
#88
Benzo(k)fluoranthene
Concen: 21.16 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.08 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:252 Resp: 405698

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	12.3	11.5	17.3

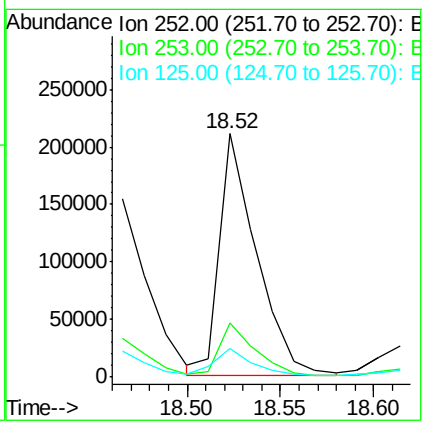


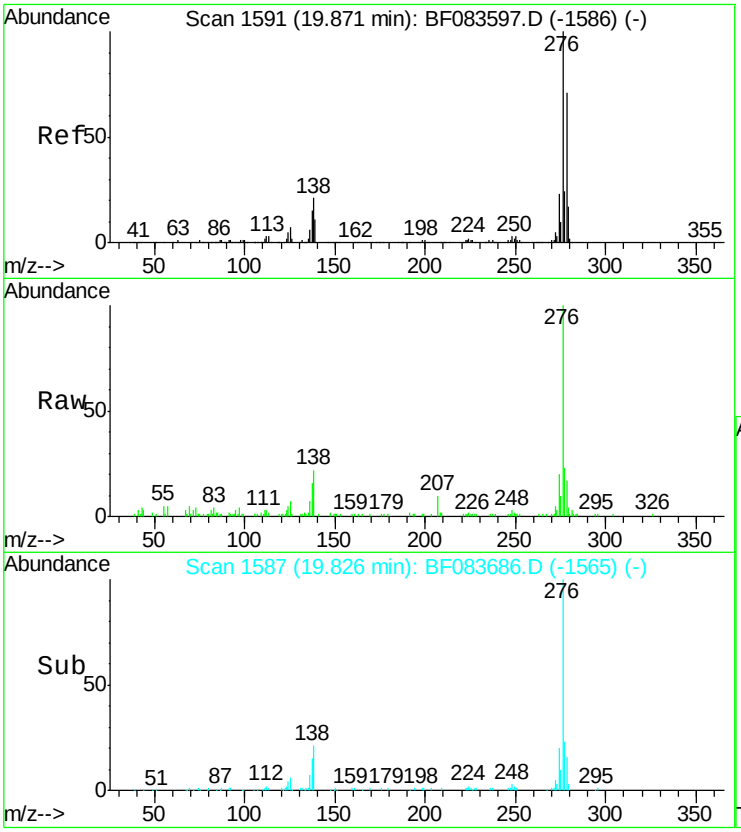


#89
Benzo(a)pyrene
Concen: 17.17 ng
RT: 18.52 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:252 Resp: 291619

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.5	11.0	16.6



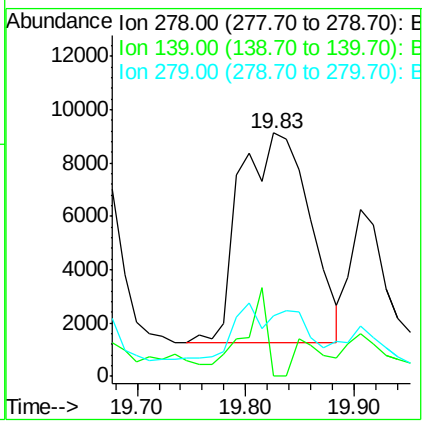


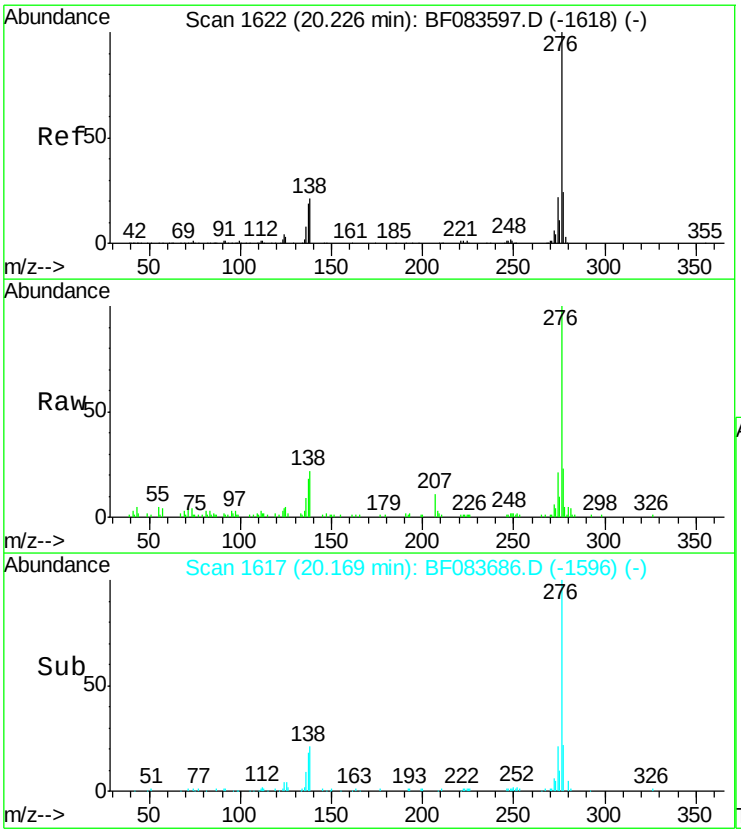
#90
Dibenzo(a,h)anthracene
Concen: 2.70 ng
RT: 19.83 min Scan# 1587
Delta R.T. -0.05 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)DL

Tgt Ion:278 Resp: 35040

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	25.0	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 15.12 ng
RT: 20.17 min Scan# 1617
Delta R.T. -0.06 min
Lab File: BF083686.D
Acq: 10 Dec 2015 20:31

Tgt Ion:276 Resp: 191400

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.2	28.8
138	22.2	19.5	29.3