Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082117\
Data File : BF097906.D
Acq On : 21 Aug 2017 15:10
Operator : SJ/JU
Sample : I4844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-081617

Quant Time: Aug 21 15:59:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	110329	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	388078	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	142052	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	236941	20.00	ng		0.00
75) Chrysene-d12	13.90	240	236022	20.00	ng		0.00
86) Perylene-d12	15.32	264	170166	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	562259	77.52	ng		0.00
7) Phenol-d6	6.38	99	739757	75.06	ng		0.00
23) Nitrobenzene-d5	7.31	82	452137	63.29	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	93546	75.90	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	633505	65.52	ng		0.00
78) Terphenyl-d14	12.85	244	459003	40.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	23909	2.074	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	61644	9.137	ng	#	72
25) Isophorone	7.31	82	442326	29.778	ng	#	67
49) Dimethylphthalate	9.50	163	93568	9.011	ng		99
55) 4-Nitrophenol	9.99	139	5108	2.395	ng	#	34
56) 2,4-Dinitrotoluene	9.78	165	18551	7.132	ng	#	34
66) 4-Bromophenyl-phenylether	10.57	248	6415	2.607	ng	#	1
70) Phenanthrene	11.29	178	150521	11.922	ng		99
71) Anthracene	11.34	178	60998	4.763	ng		99
74) Fluoranthene	12.47	202	354774	26.921	ng		98
77) Pyrene	12.70	202	330913	17.142	ng		98
80) Benzo(a)anthracene	13.89	228	180199	12.739	ng		94
82) Chrysene	13.89	228	180199	12.806	ng		96
83) Bis(2-ethylhexyl)phthalate	13.89	149	17966	2.191	ng	#	95
87) Benzo(b)fluoranthene	14.91	252	267935	24.980	ng		96
88) Benzo(k)fluoranthene	14.91	252	267935	26.588	ng		96
89) Benzo(a)pyrene	15.26	252	128641	13.548	ng		94
90) Dibenzo(a,h)anthracene	16.71	278	18205	2.355	ng	#	84
91) Benzo(g,h,i)perylene	17.11	276	62603	7.761	ng		93

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

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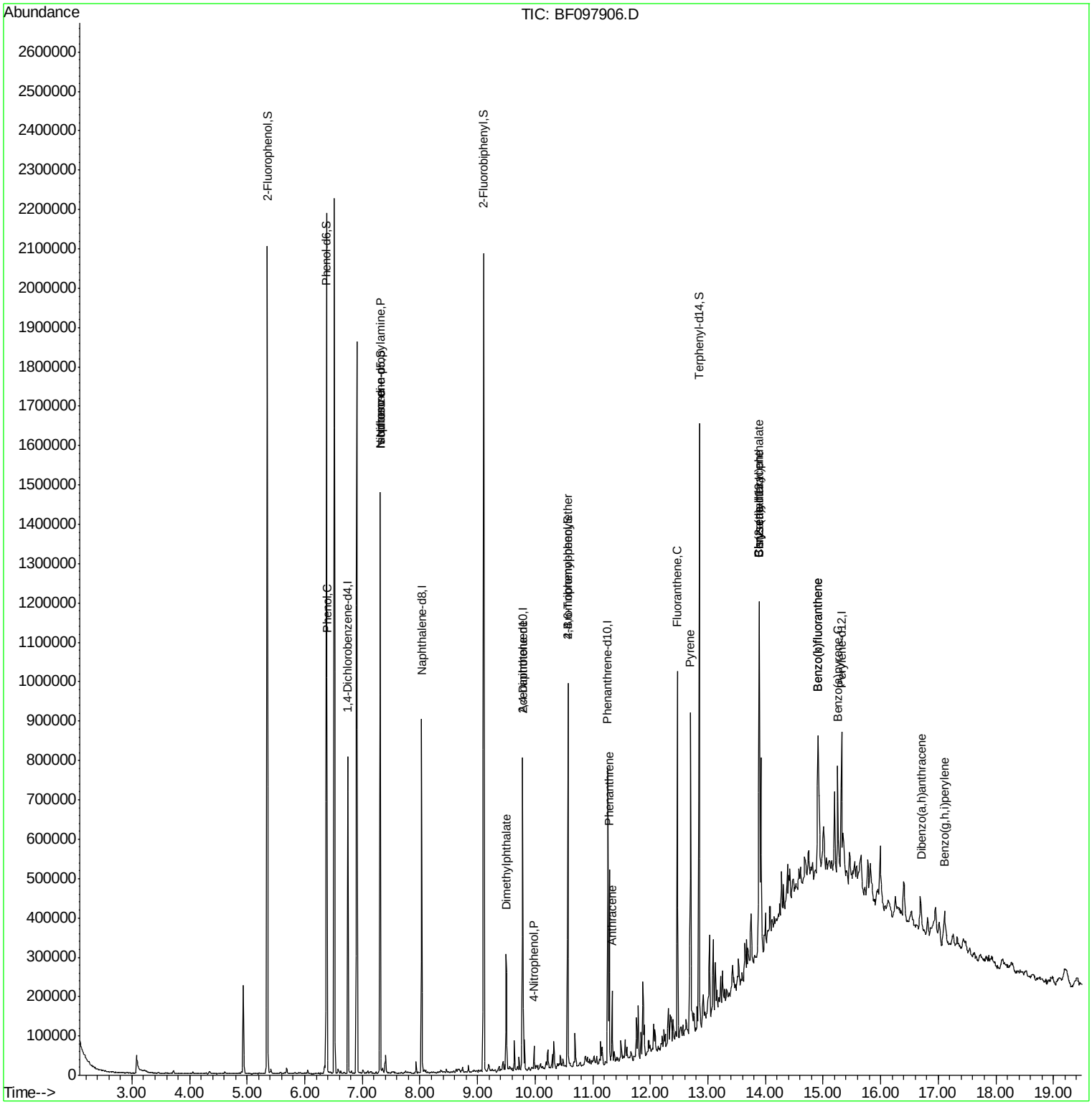
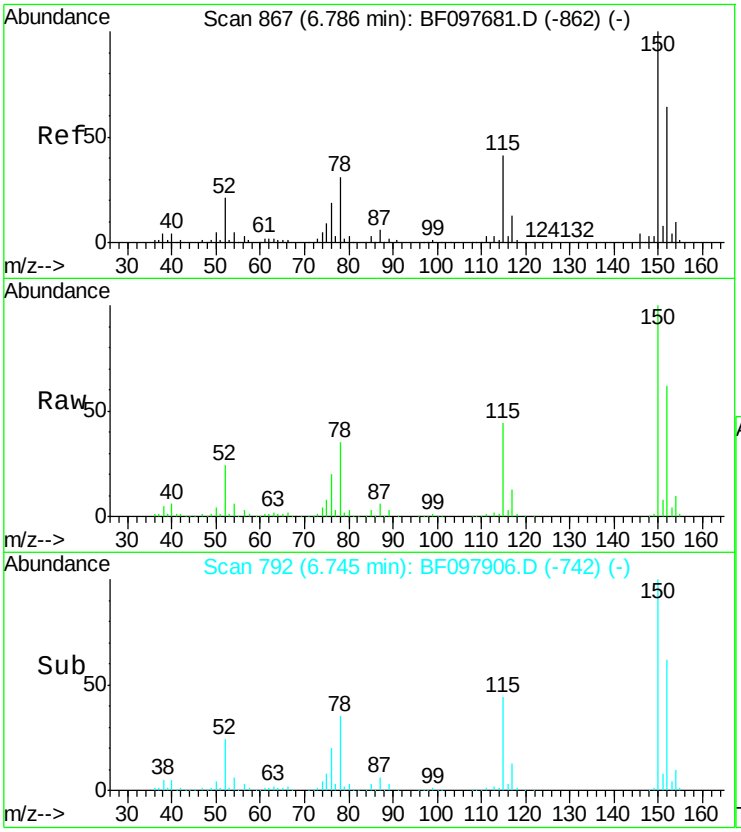


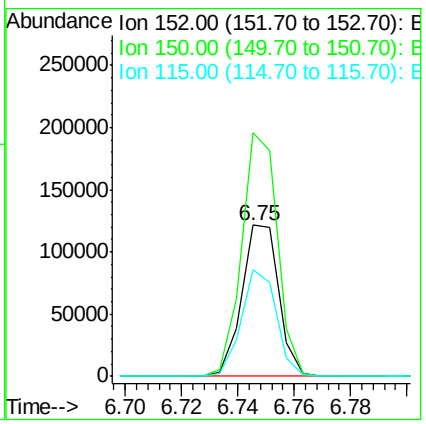


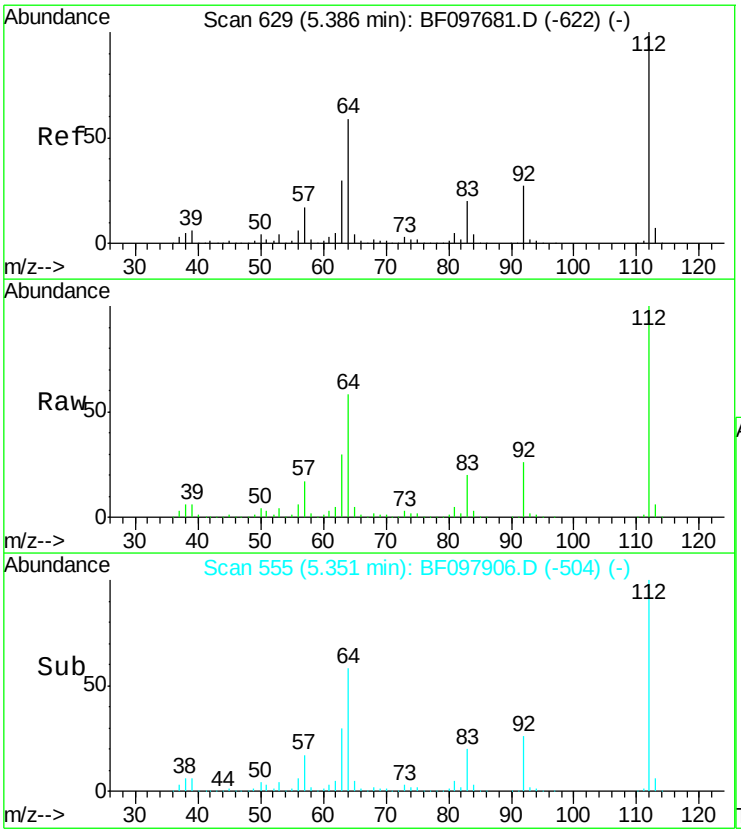
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:152 Resp: 110329

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	70.3	52.2	78.2

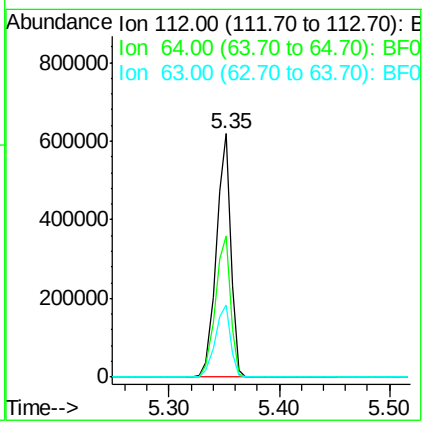


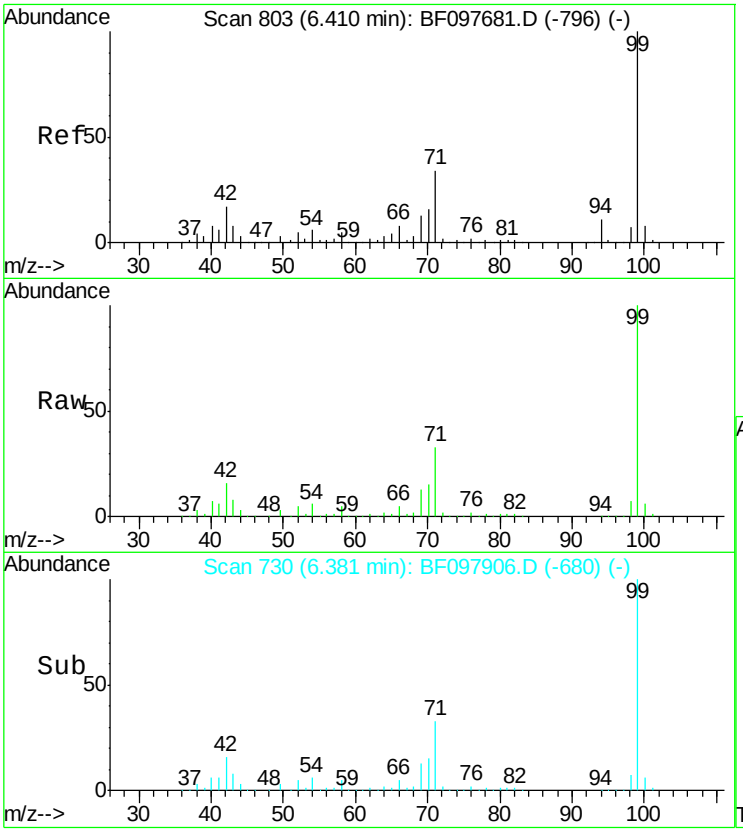


#5
2-Fluorophenol
Concen: 77.517 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:112 Resp: 562259

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	29.7	23.4	35.0



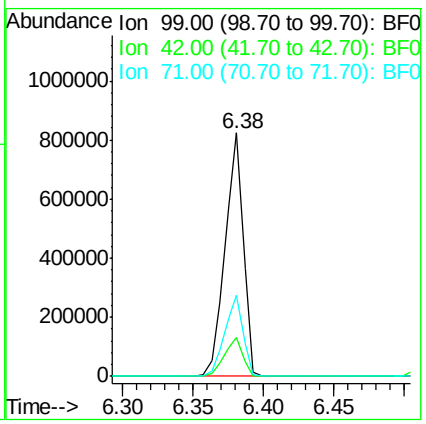


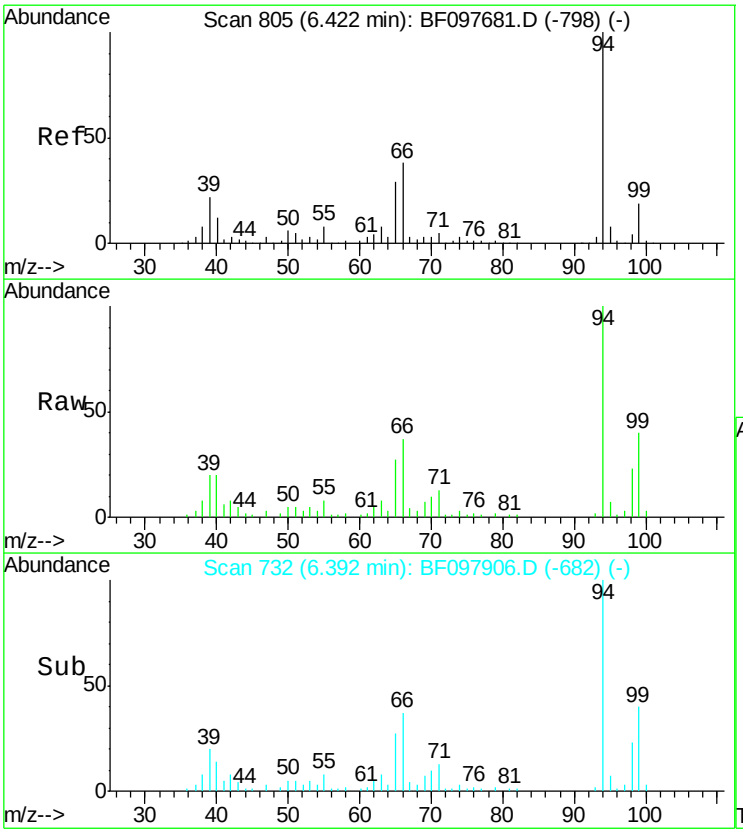
#7
Phenol-d6
Concen: 75.062 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion: 99 Resp: 739757

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.3	24.5	36.7

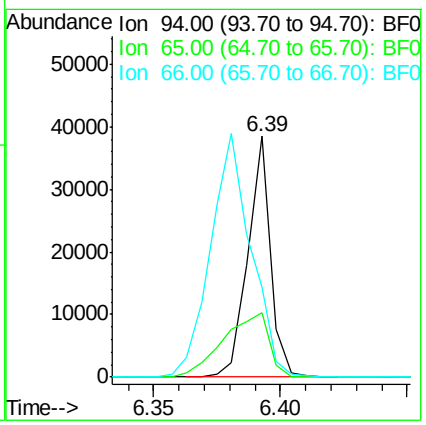


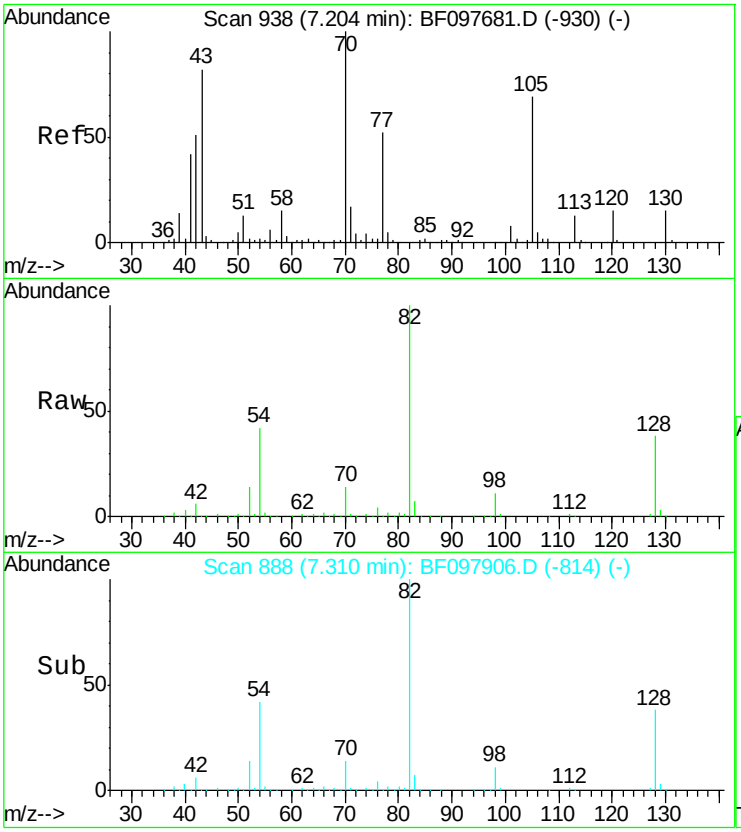


#10
Phenol
Concen: 2.074 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion: 94 Resp: 23909

Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	37.2	23.1	63.1



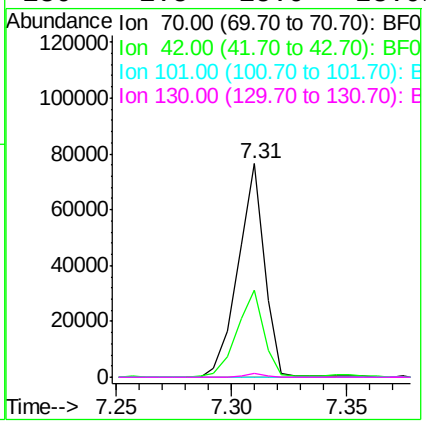


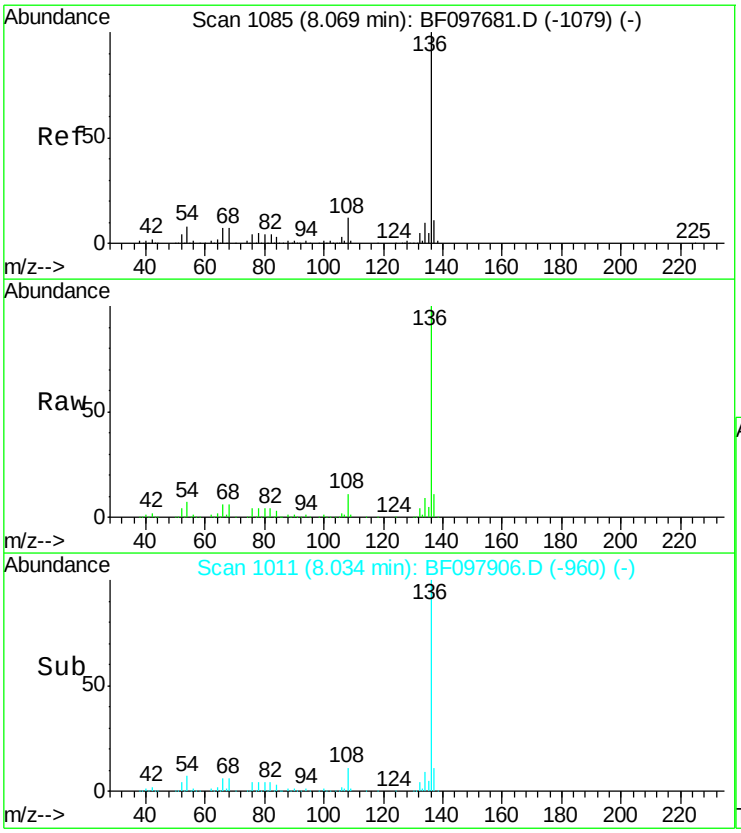
#19
n-Nitroso-di-n-propylamine
Concen: 9.137 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion: 70 Resp: 61644

Ion	Ratio	Lower	Upper
70	100		
42	40.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.5	15.9	23.9#

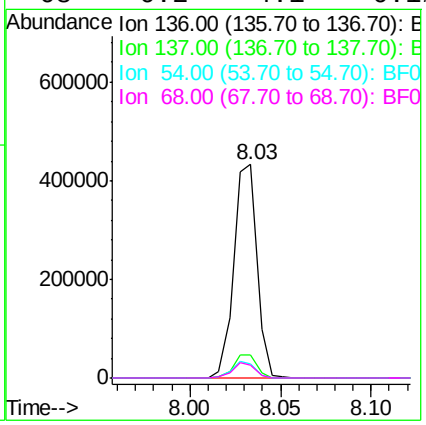


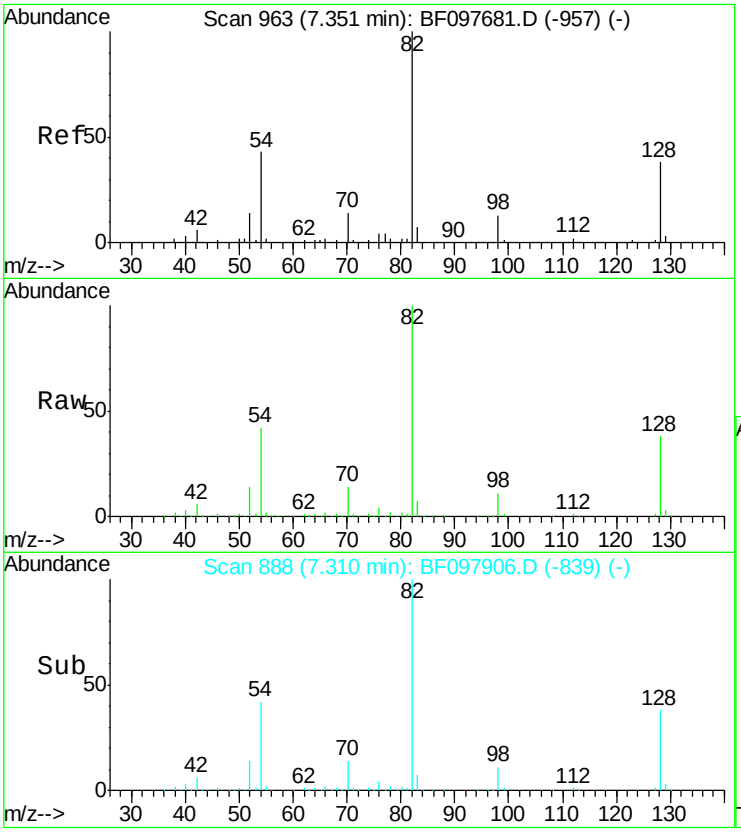


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:136 Resp: 388078

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	6.2	4.1	6.1#



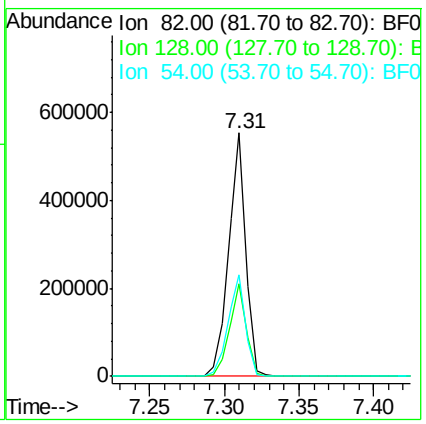


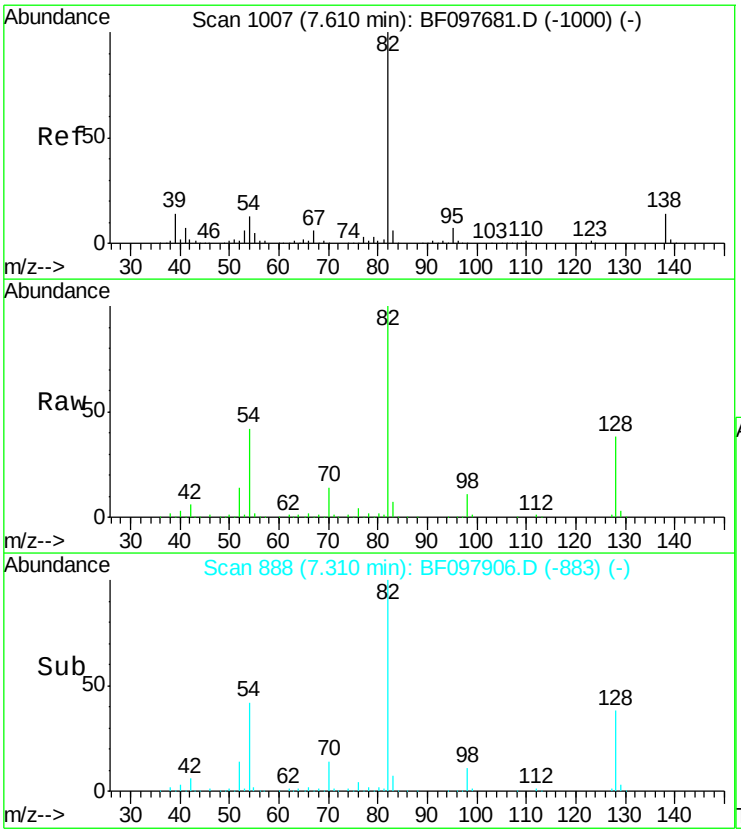
#23
Nitrobenzene-d5
Concen: 63.292 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion: 82 Resp: 452137

Ion	Ratio	Lower	Upper
82	100		
128	38.0	34.0	51.0
54	41.5	42.2	63.2#

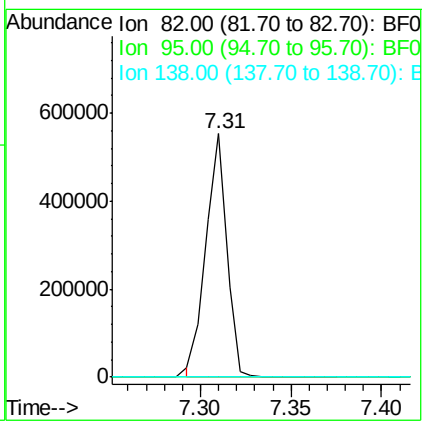


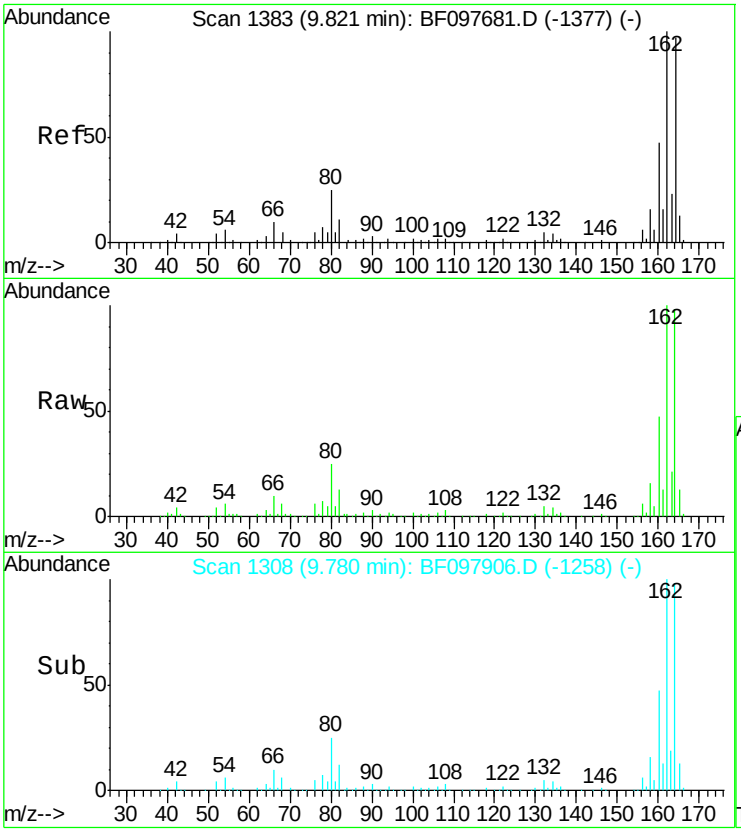


#25
Isophorone
Concen: 29.778 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion: 82 Resp: 442326

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



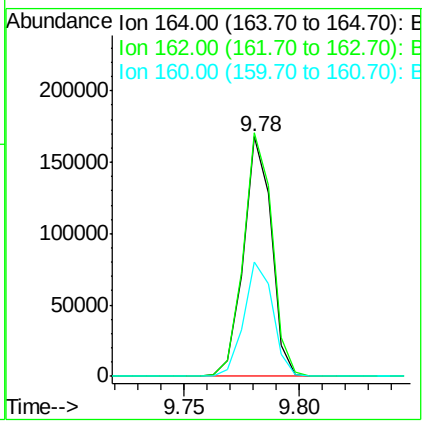


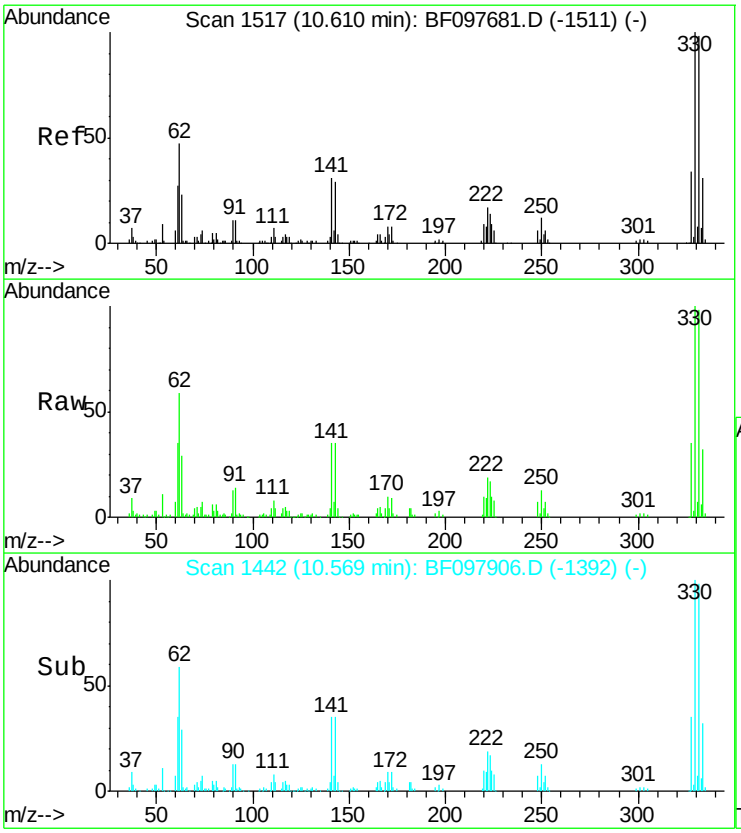
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:164 Resp: 142052

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	47.9	36.2	54.2

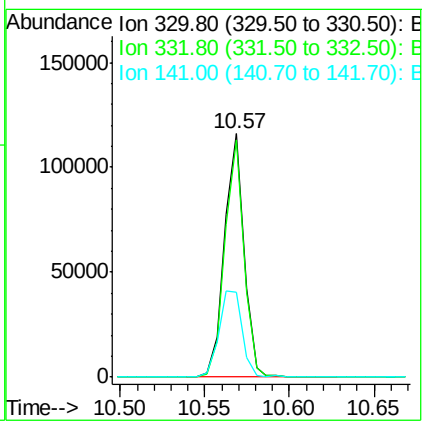


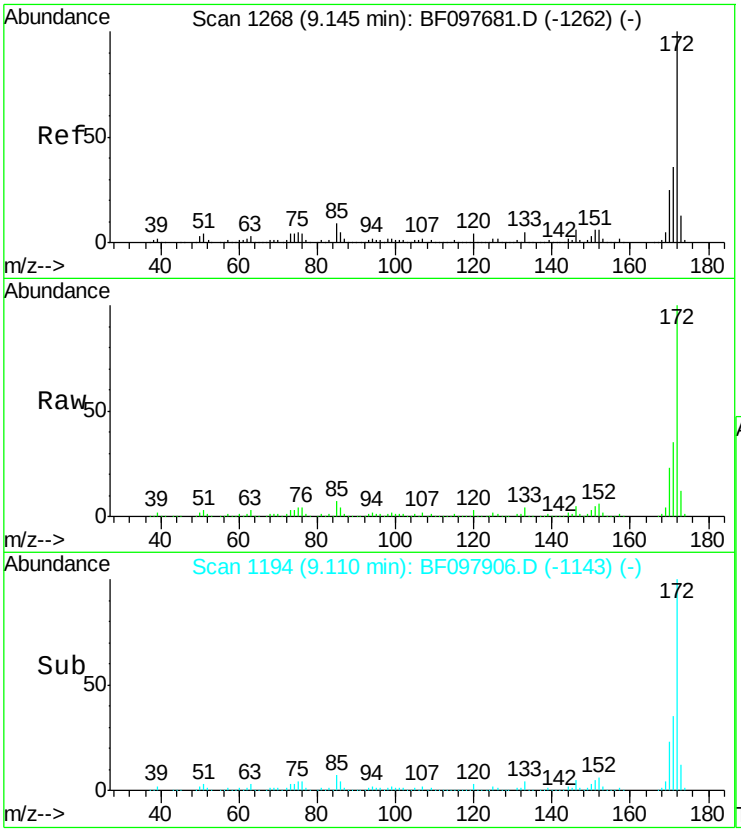


#41
2,4,6-Tribromophenol
Concen: 75.897 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:330 Resp: 93546

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	42.8	31.4	47.2



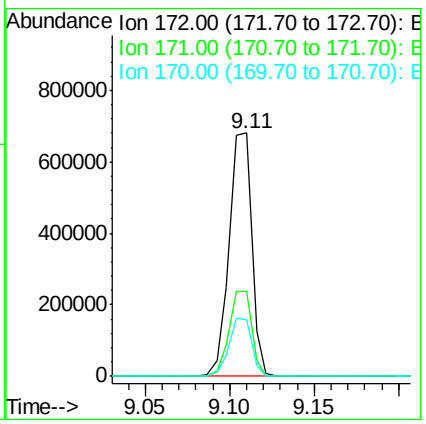


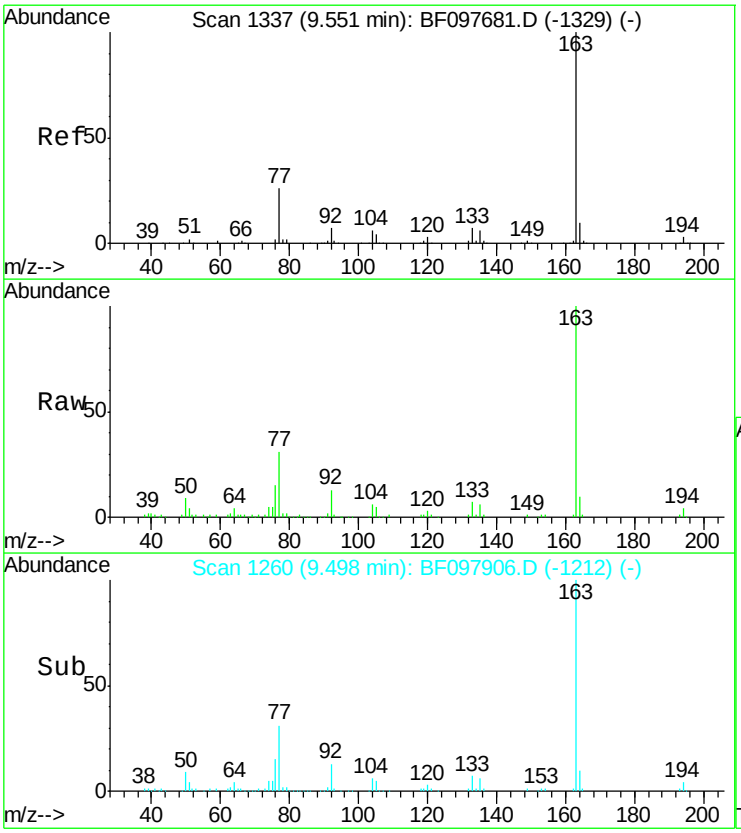
#44
2-Fluorobiphenyl
Concen: 65.522 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:172 Resp: 633505

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.5	19.8	29.8

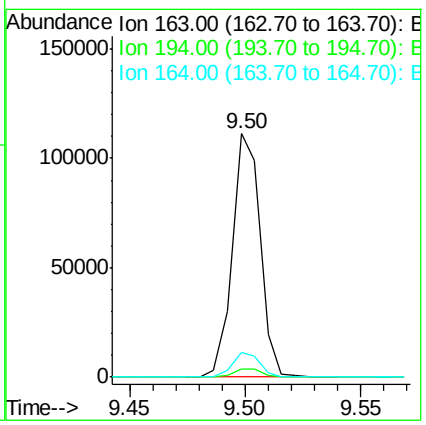


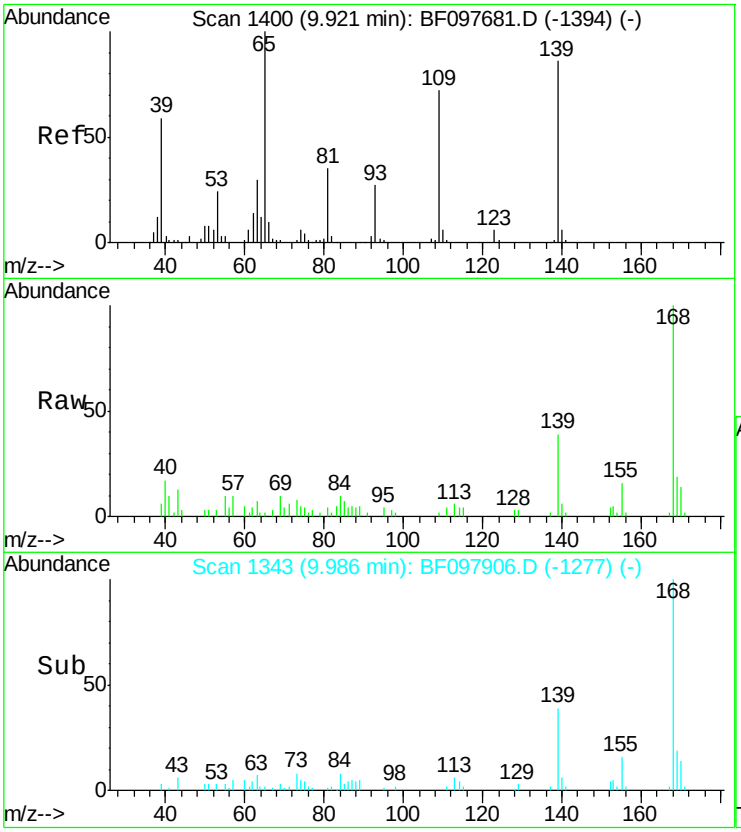


#49
Dimethylphthalate
Concen: 9.011 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:163 Resp: 93568

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6



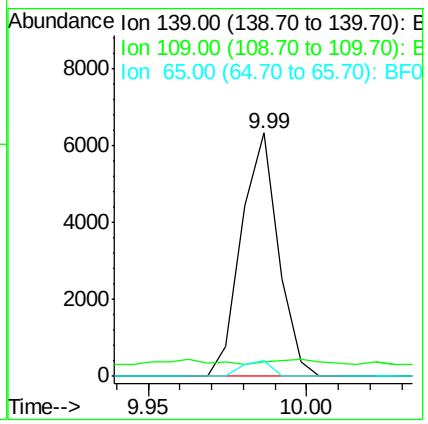


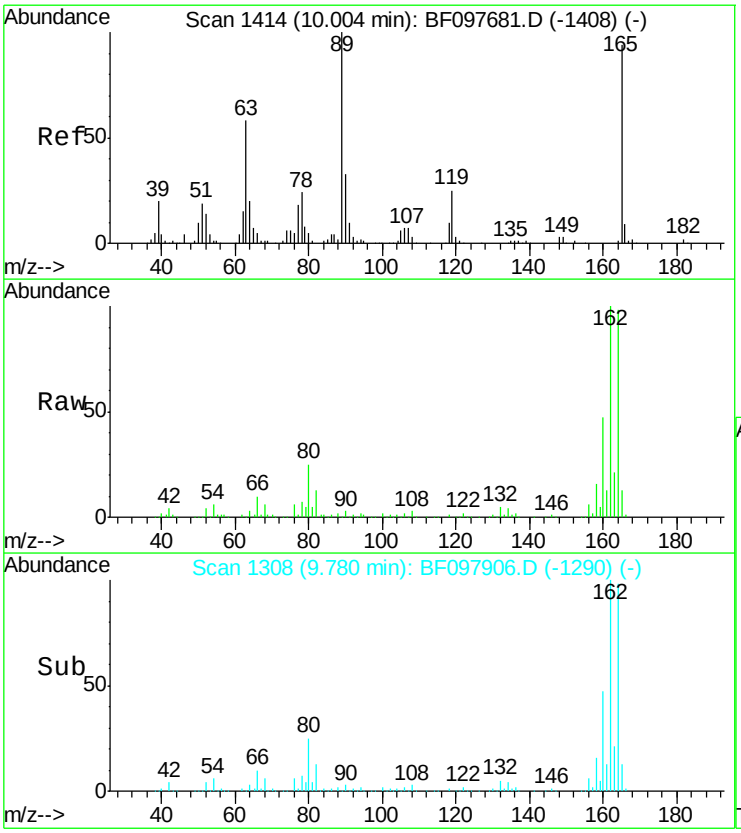
#55
4-Nitrophenol
Concen: 2.395 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.09 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:139 Resp: 5108

Ion	Ratio	Lower	Upper
139	100		
109	6.1	34.1	74.1#
65	6.4	31.4	71.4#

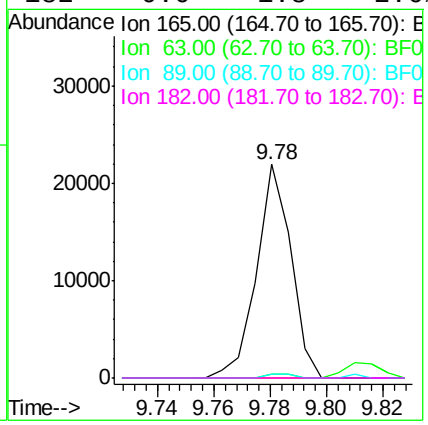


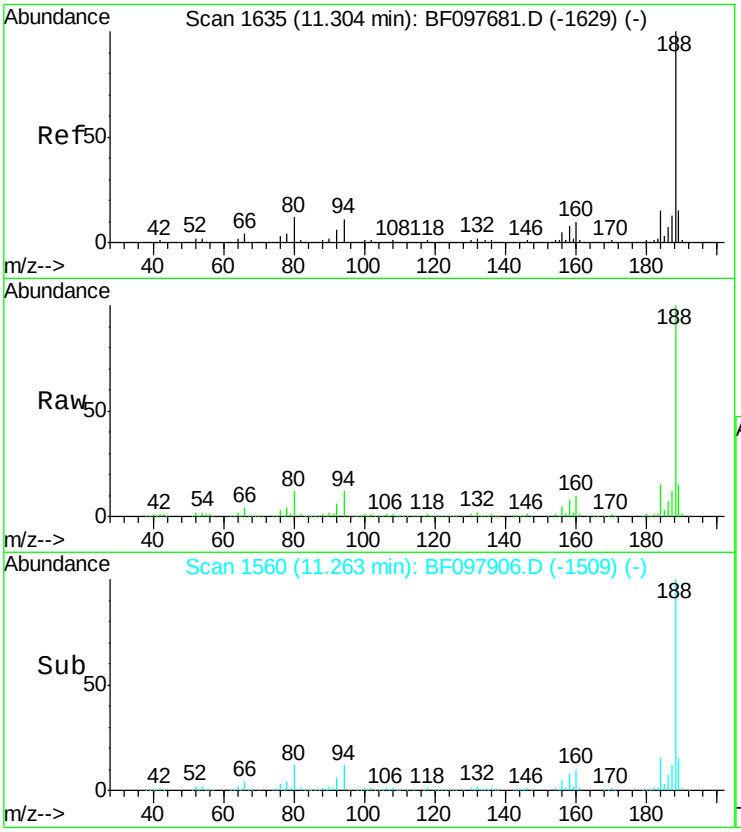


#56
2,4-Dinitrotoluene
Concen: 7.132 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:165 Resp: 18551

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



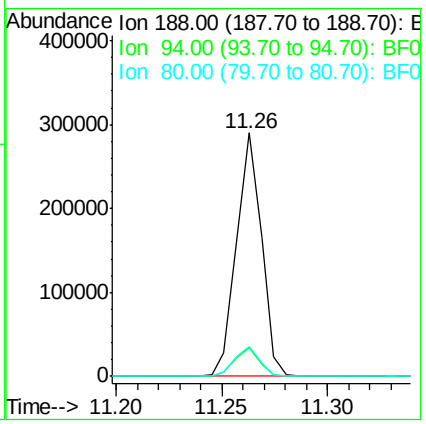


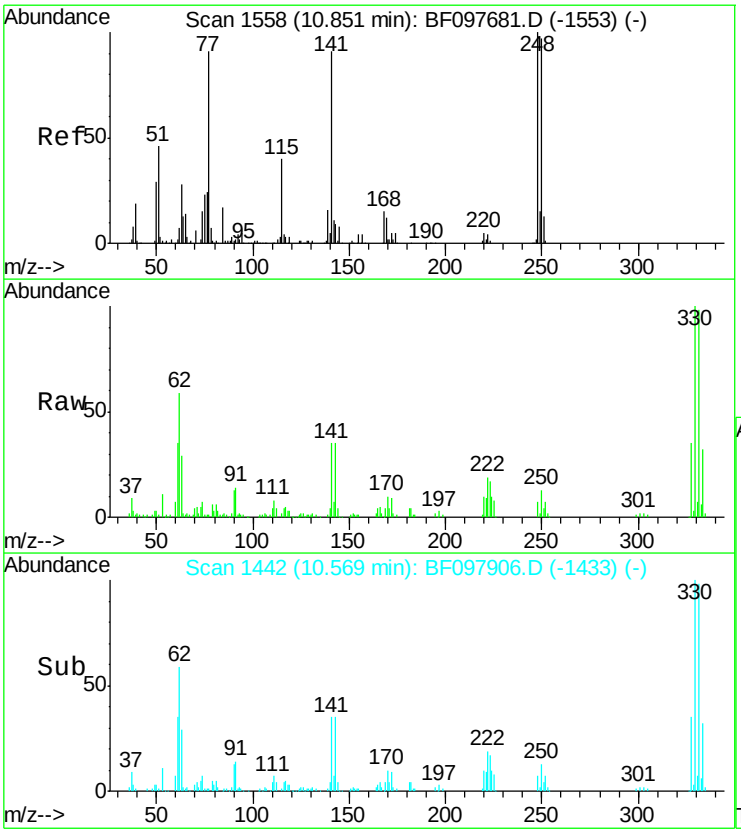
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:188 Resp: 236941

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.5	10.2	15.2

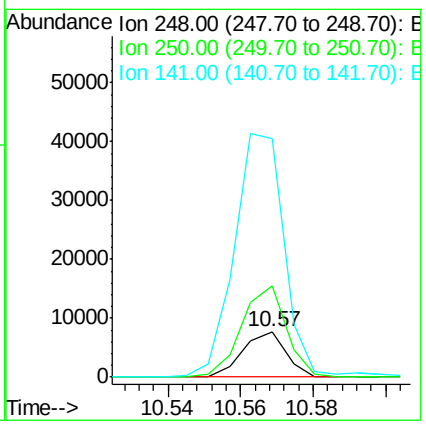


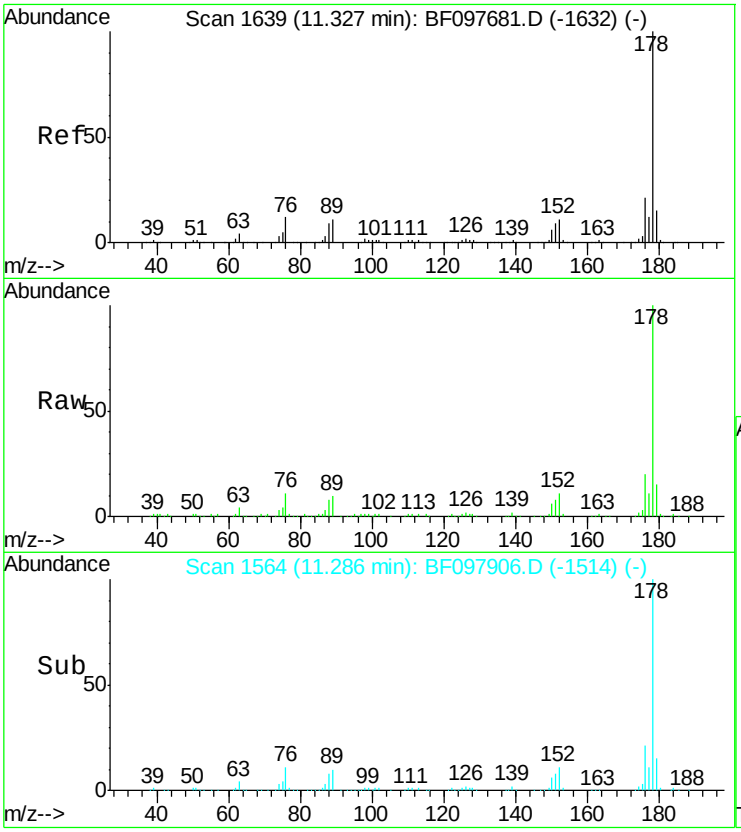


#66
4-Bromophenyl-phenylether
Concen: 2.607 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:248 Resp: 6415

Ion	Ratio	Lower	Upper
248	100		
250	200.4	76.8	115.2#
141	522.1	68.6	103.0#



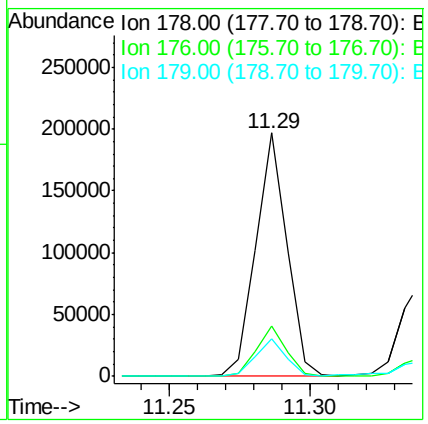


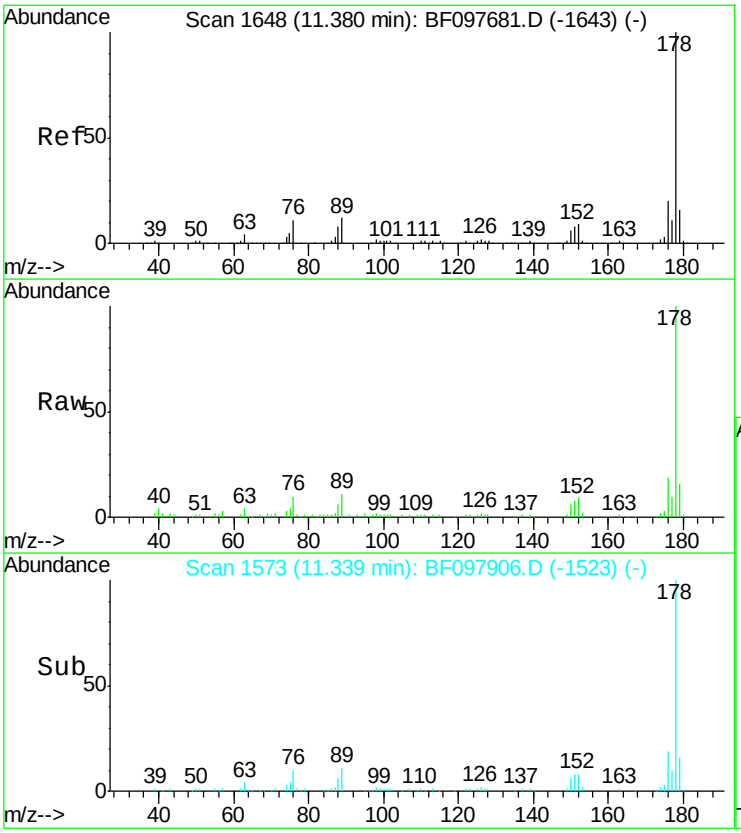
#70
Phenanthrene
Concen: 11.922 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:178 Resp: 150521

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.4	12.6	19.0

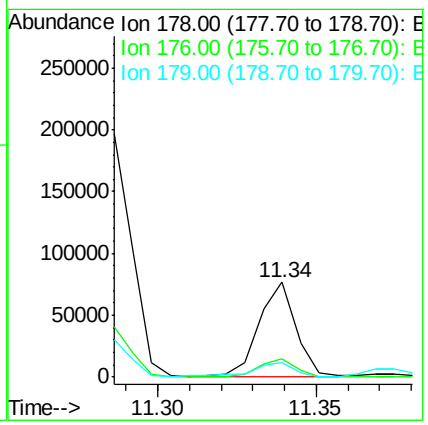


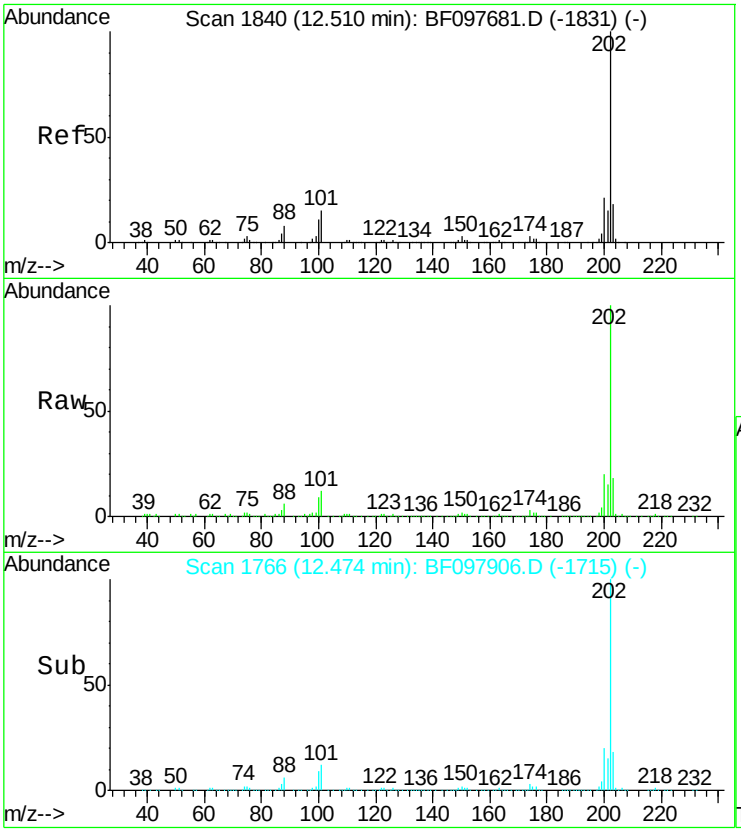


#71
Anthracene
Concen: 4.763 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:178 Resp: 60998

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	12.7	19.1



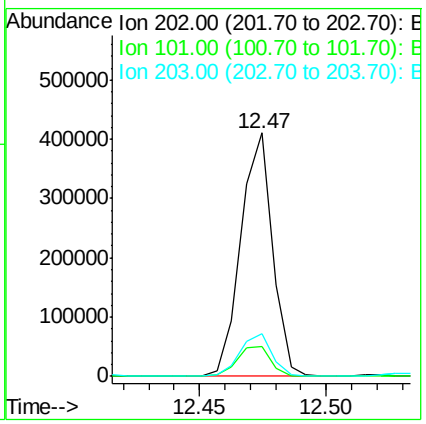


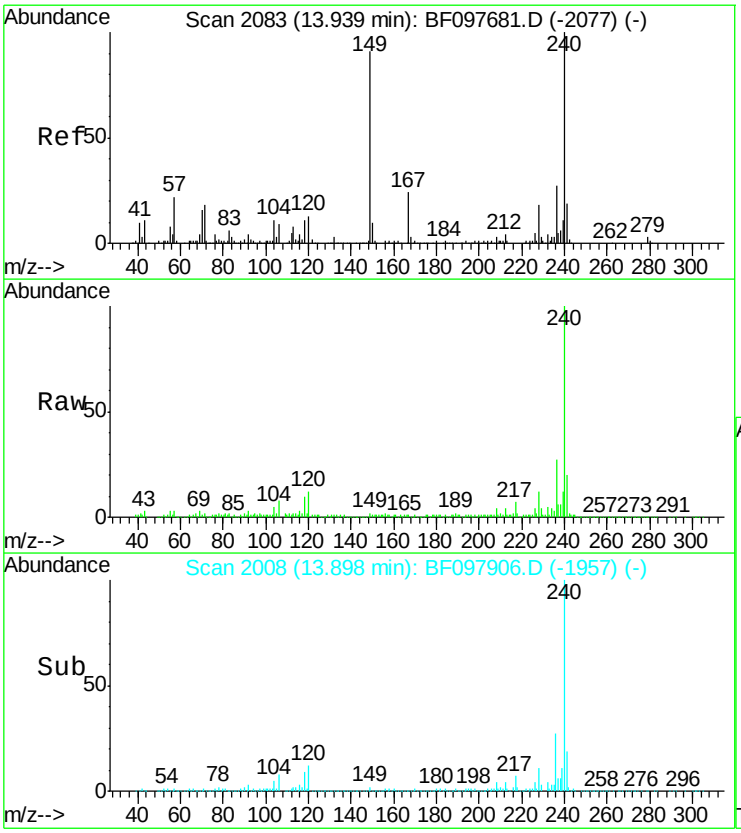
#74
Fluoranthene
Concen: 26.921 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:202 Resp: 354774

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.7	0.0	38.1

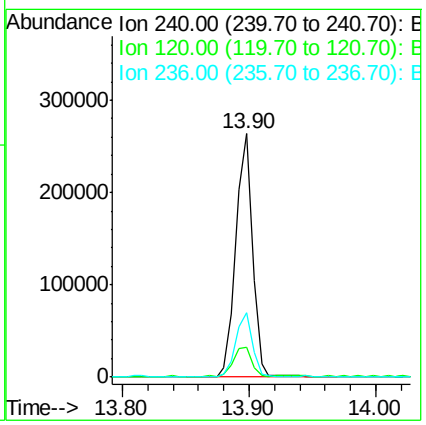


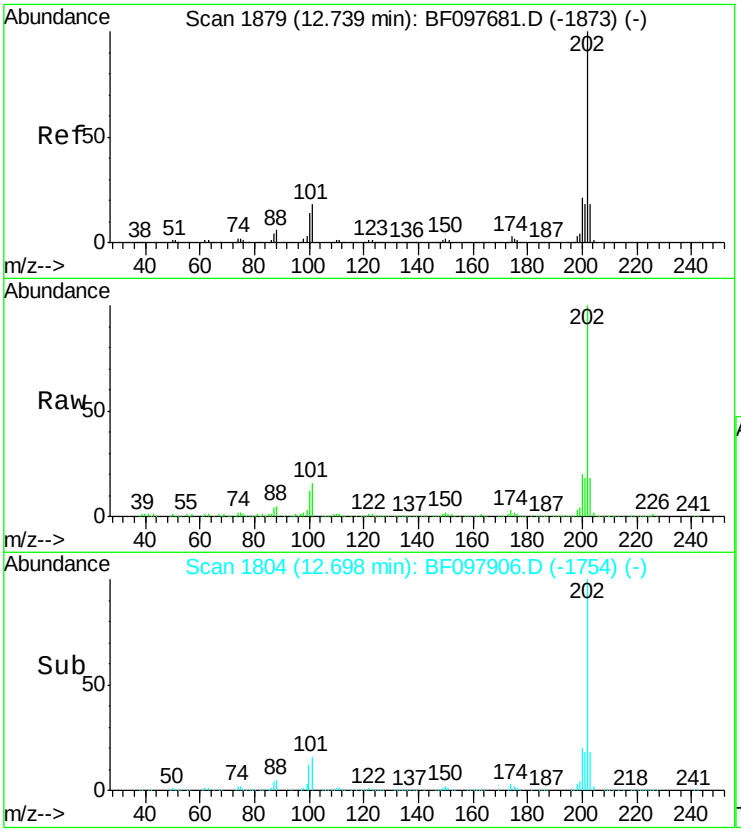


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:240 Resp: 236022

Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.8	8.8#
236	26.7	20.5	30.7



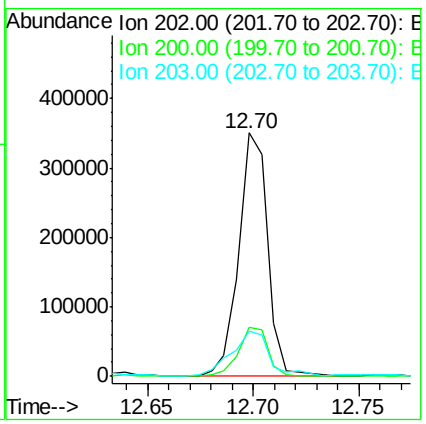


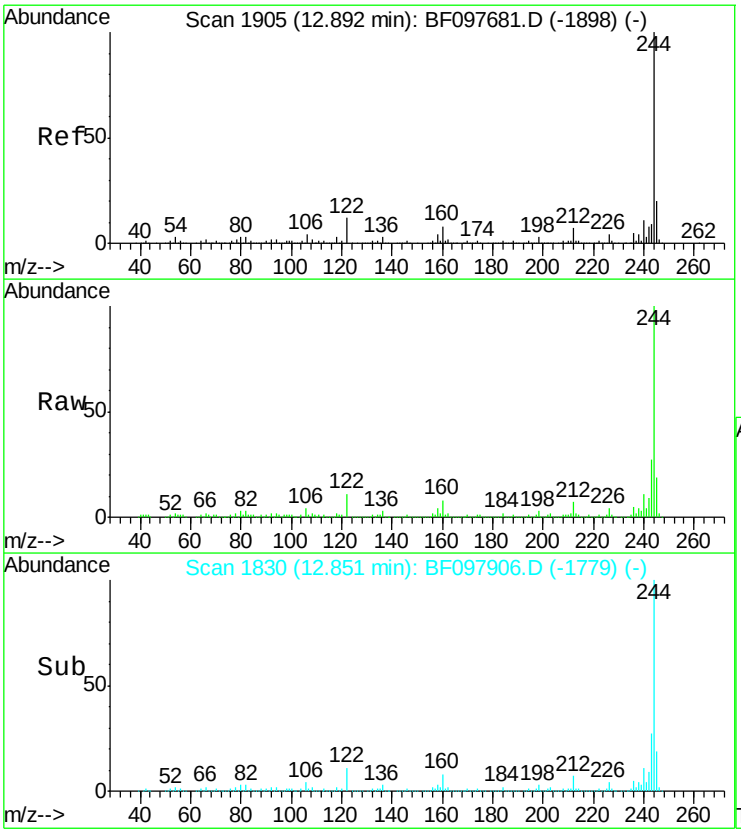
#77
Pyrene
Concen: 17.142 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:202 Resp: 330913

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	18.4	14.4	21.6

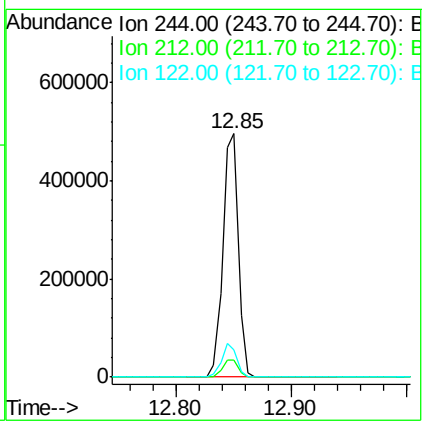


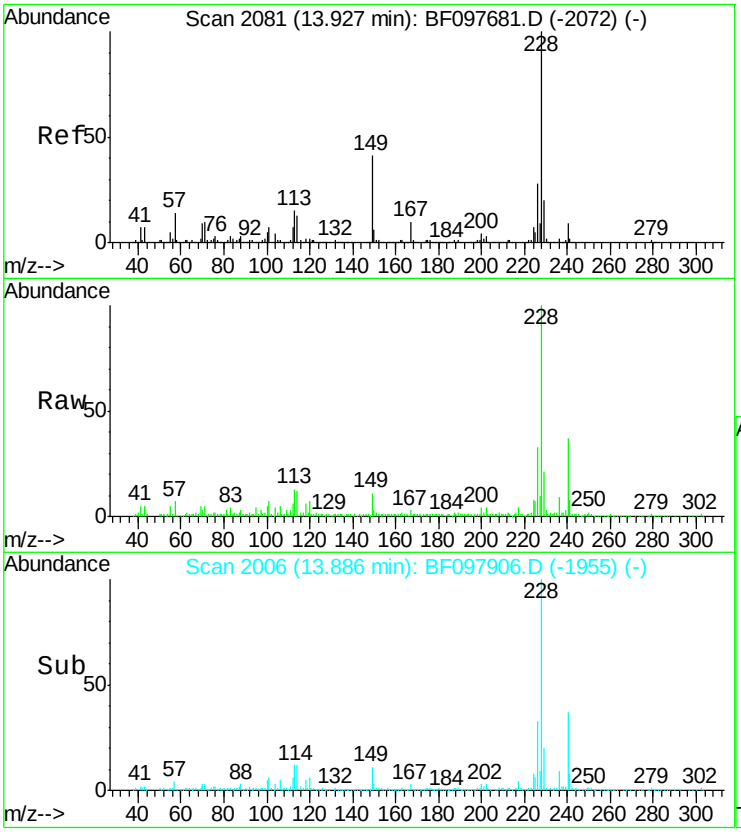


#78
Terphenyl-d14
Concen: 40.555 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:244 Resp: 459003

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.2	10.3	15.5



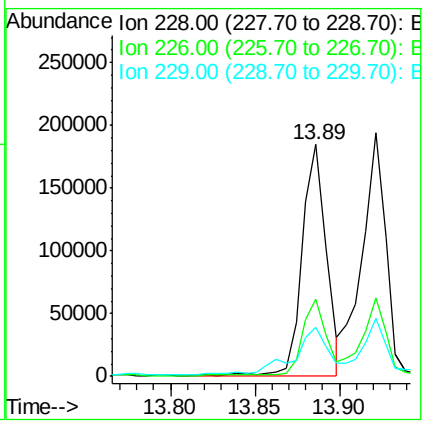


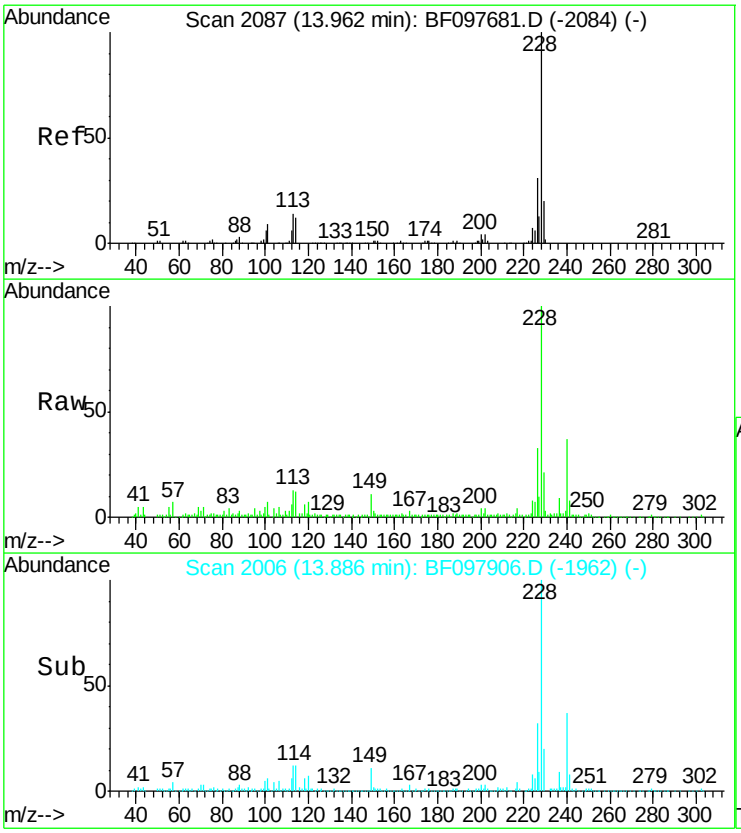
#80
Benzo(a)anthracene
Concen: 12.739 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:228 Resp: 180199

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	21.2	16.3	24.5

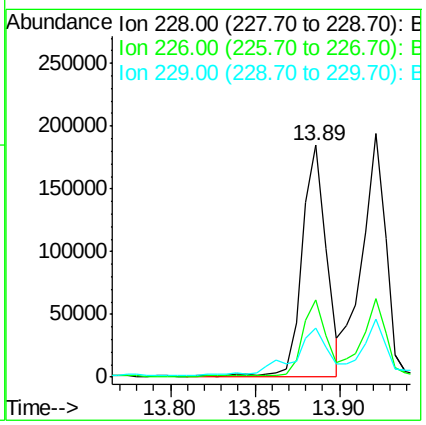


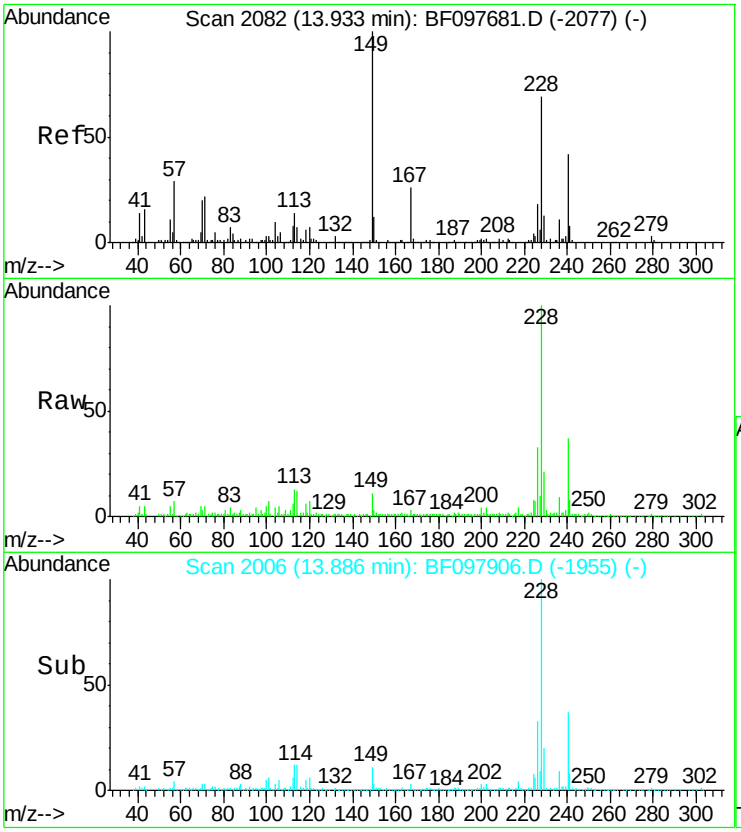


#82
Chrysene
Concen: 12.806 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.04 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:228 Resp: 180199

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	21.2	15.8	23.6



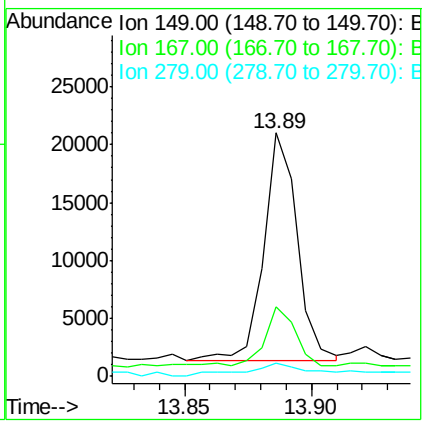


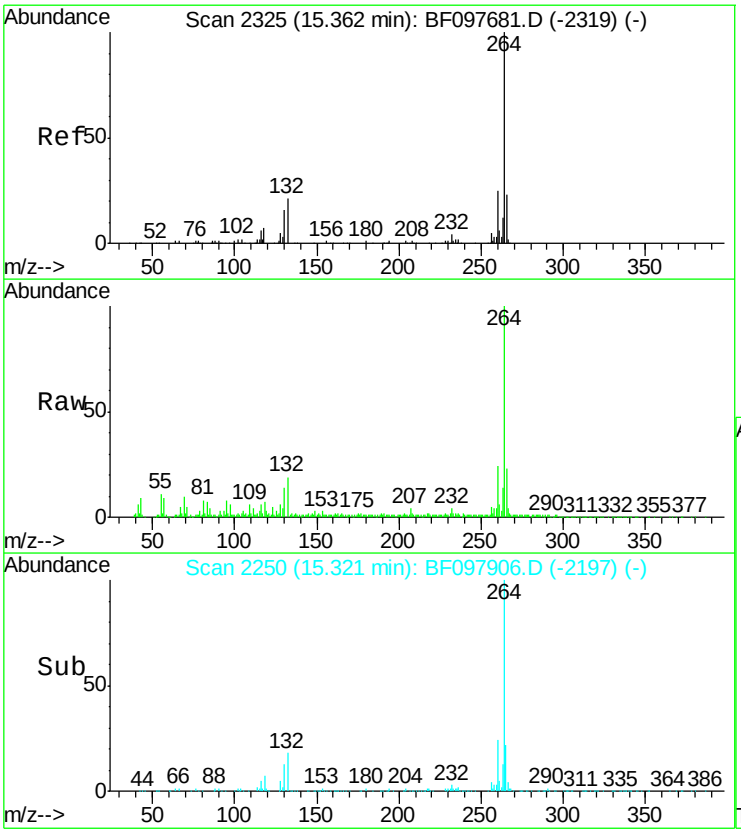
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.191 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:149 Resp: 17966

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.0	31.4
279	5.5	1.9	2.9#

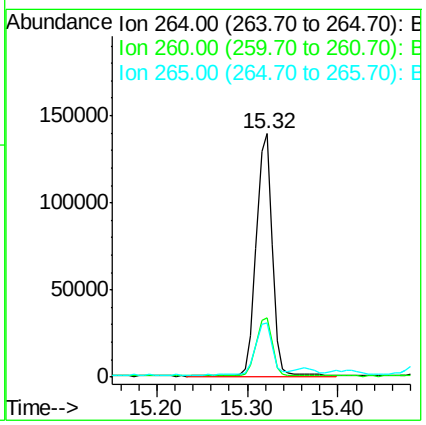


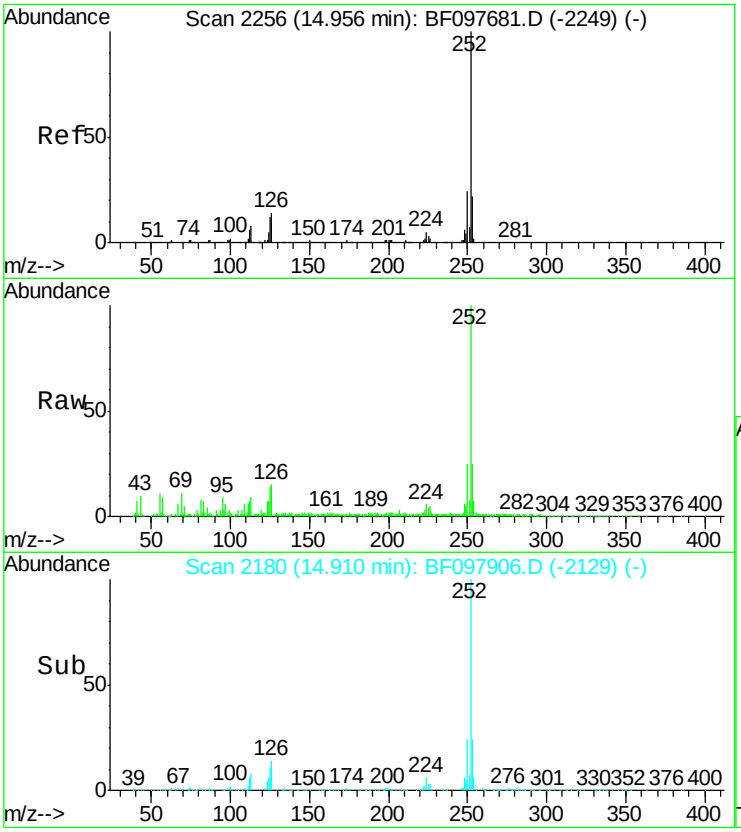


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:264 Resp: 170166

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.5	17.2	25.8



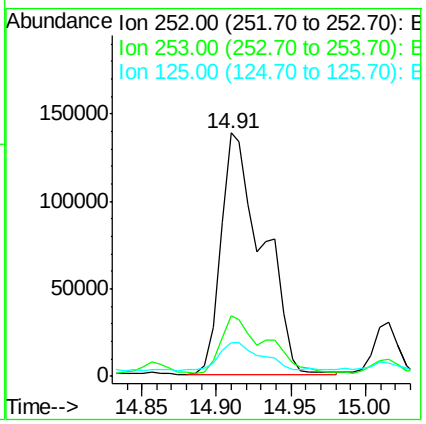


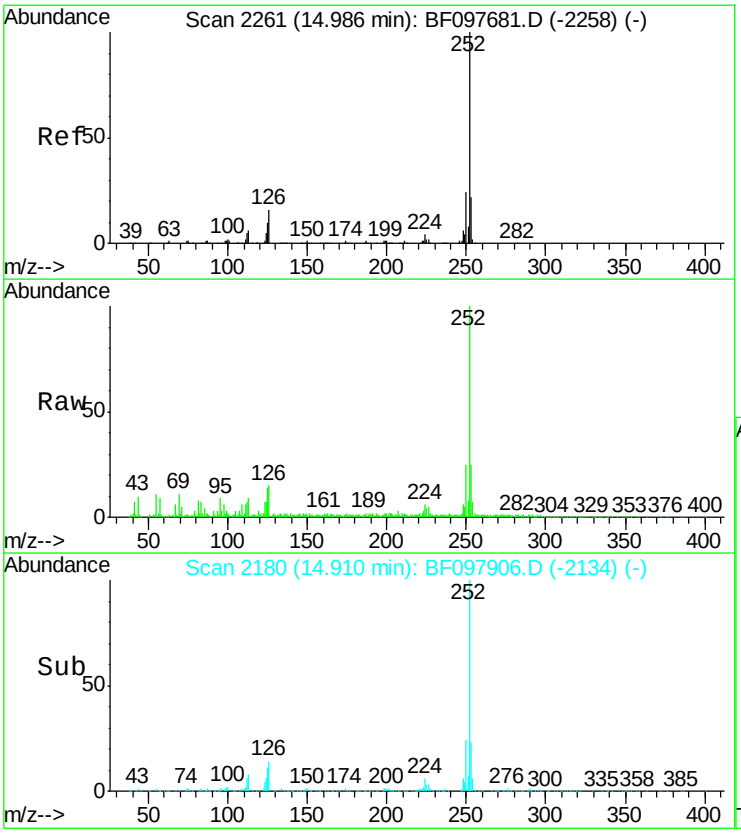
#87
Benzo(b)fluoranthene
Concen: 24.980 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:252 Resp: 267935

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	13.8	9.8	14.8

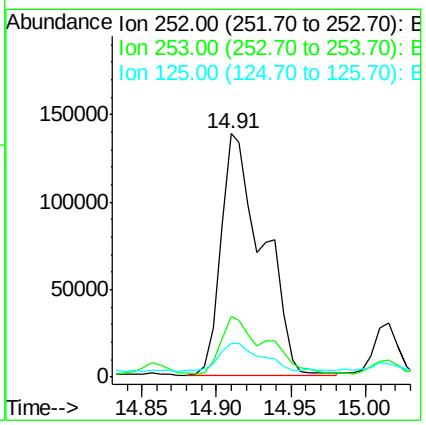


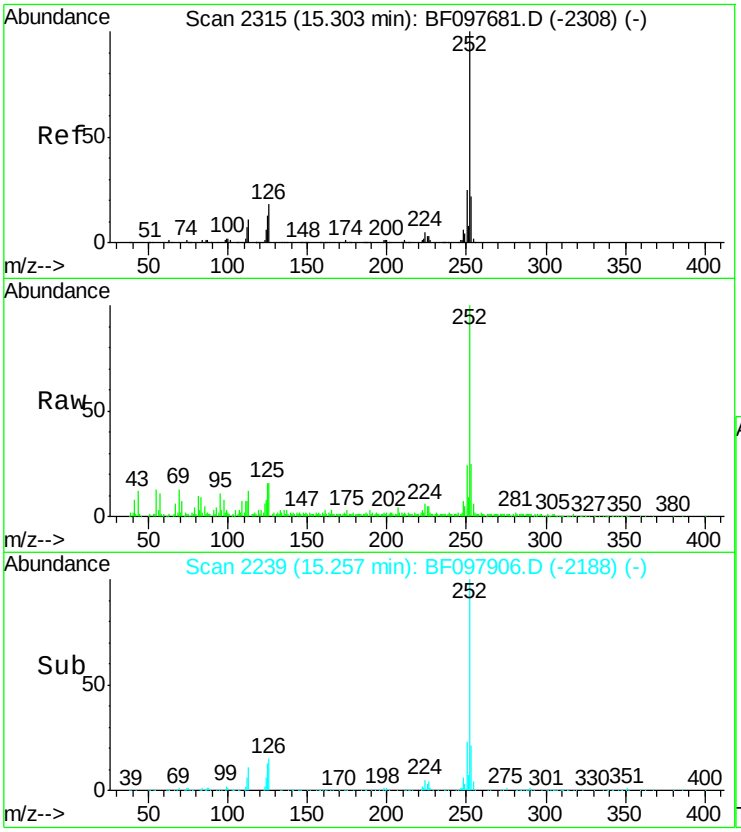


#88
Benzo(k)fluoranthene
Concen: 26.588 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:252 Resp: 267935

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	13.8	13.1	19.7



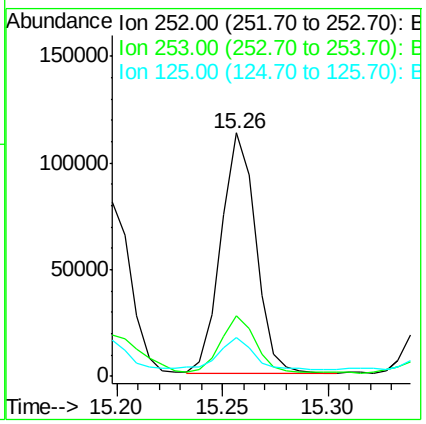


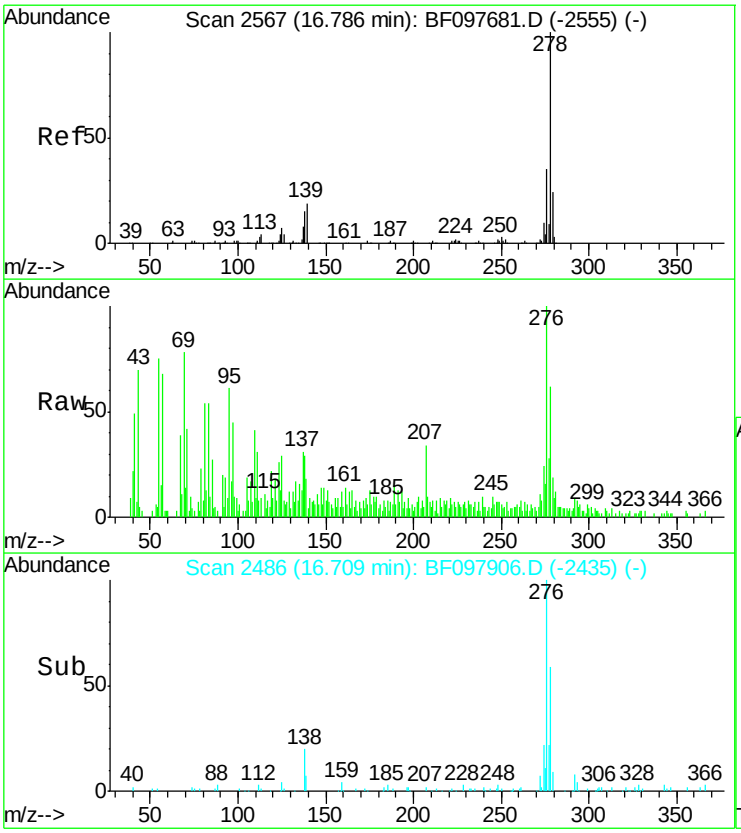
#89
Benzo(a)pyrene
Concen: 13.548 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:252 Resp: 128641

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	15.9	11.0	16.4

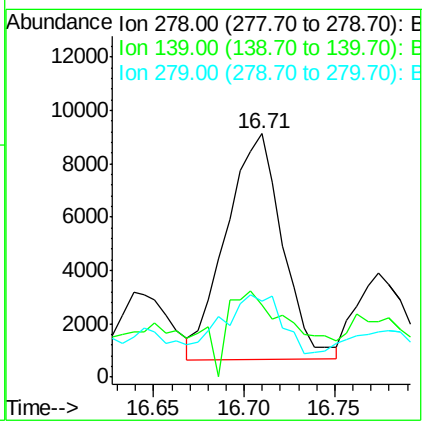


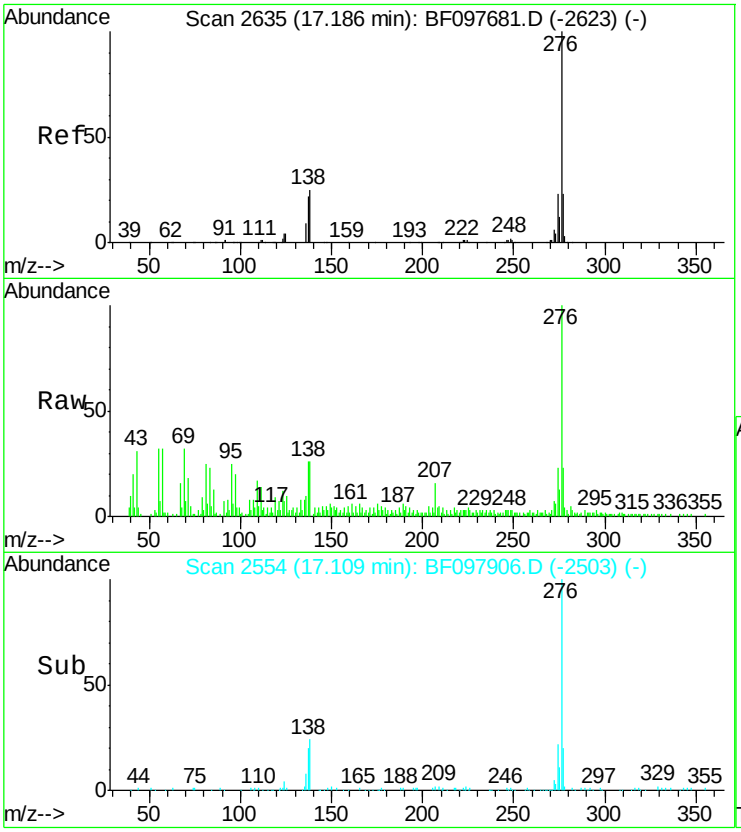


#90
Dibenzo(a,h)anthracene
Concen: 2.355 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Tgt Ion:278 Resp: 18205

Ion	Ratio	Lower	Upper
278	100		
139	29.4	16.6	24.8#
279	31.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 7.761 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BF097906.D
Acq: 21 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :
OR-03-081617

Tgt Ion:276 Resp: 62603

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	25.8	25.4	38.0