Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097980.D
Acq On : 23 Aug 2017 3:42
Operator : SJ/JU
Sample : I4908-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-082117-A

Quant Time: Aug 23 04:53:28 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	138455	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	529607	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	215157	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	329733	20.00	ng		0.00
75) Chrysene-d12	13.91	240	269458	20.00	ng		0.01
86) Perylene-d12	15.33	264	210090	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	225118	24.73	ng		0.00
7) Phenol-d6	6.37	99	299623	24.23	ng		-0.01
23) Nitrobenzene-d5	7.31	82	175951	18.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	37308	19.98	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	312296	21.33	ng		0.00
78) Terphenyl-d14	12.85	244	200167	15.49	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	23921	2.83	ng	#	68
25) Isophorone	7.31	82	170603	8.42	ng	#	67
32) Benzoic acid	7.82	122	110	6.42	ng	#	23
49) Dimethylphthalate	9.50	163	38231	2.43	ng	#	98
51) Acenaphthene	9.82	154	54254	3.78	ng		98
53) 2,4-Dinitrophenol	10.04	184	109	10.21	ng	#	37
57) Fluorene	10.33	166	91936	6.18	ng		99
64) 4,6-Dinitro-2-methylphenol	10.35	198	235	8.45	ng	#	1
70) Phenanthrene	11.30	178	888597	50.57	ng		100
71) Anthracene	11.34	178	319314	17.92	ng		100
72) Carbazole	11.50	167	48327	2.86	ng	#	87
74) Fluoranthene	12.49	202	1417371	77.29	ng		98
77) Pyrene	12.72	202	1300086	58.99	ng		99
80) Benzo(a)anthracene	13.90	228	728025	45.08	ng		98
82) Chrysene	13.93	228	595192	37.05	ng		96
85) Indeno(1,2,3-cd)pyrene	16.72	276	238651	20.19	ng	#	88
87) Benzo(b)fluoranthene	14.93	252	951484	71.85	ng		98
88) Benzo(k)fluoranthene	15.21	252	307135	24.69	ng		98
89) Benzo(a)pyrene	15.27	252	494685	42.20	ng		97
90) Dibenzo(a,h)anthracene	16.88	278	53581	5.61	ng		95
91) Benzo(g,h,i)perylene	17.13	276	221908	22.28	ng		94

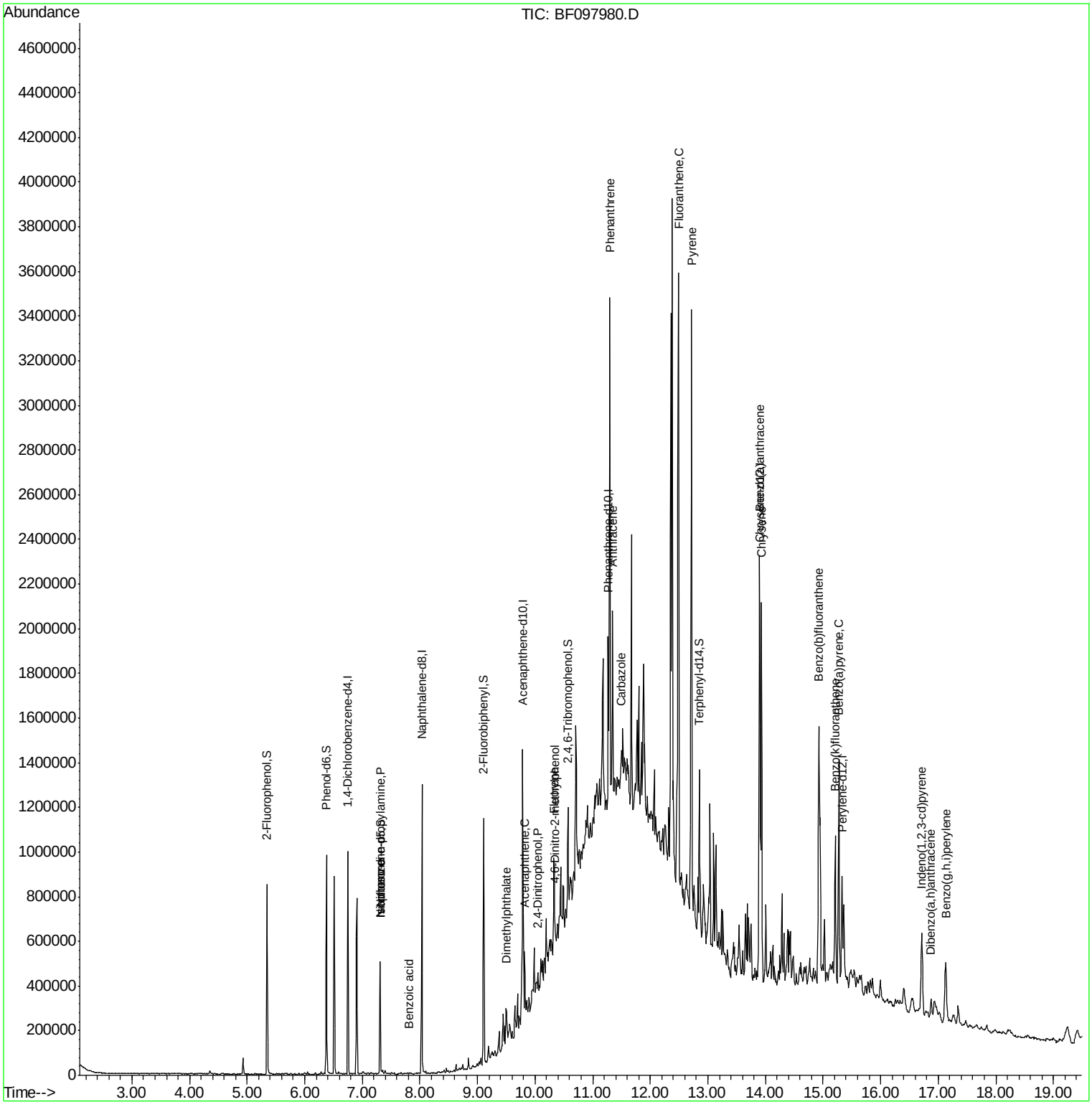
(#) = qualifier out of range (m) = manual integration (+) = signals summed

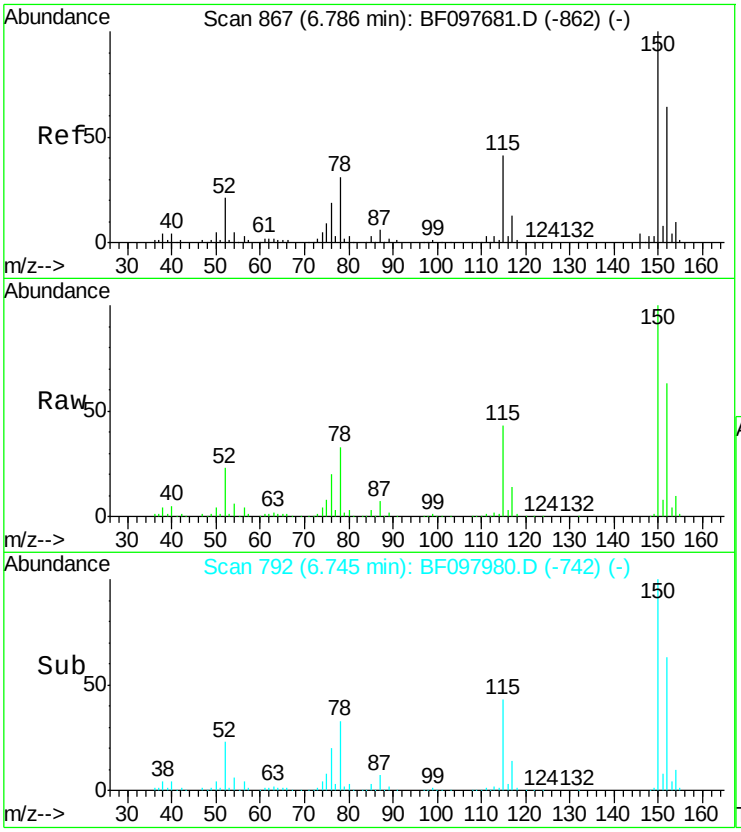
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097980.D
Acq On : 23 Aug 2017 3:42
Operator : SJ/JU
Sample : I4908-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Quant Time: Aug 23 04:53:28 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



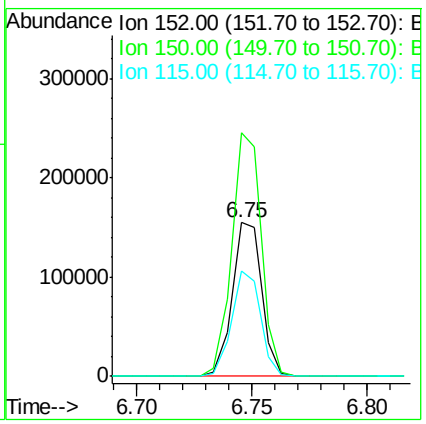


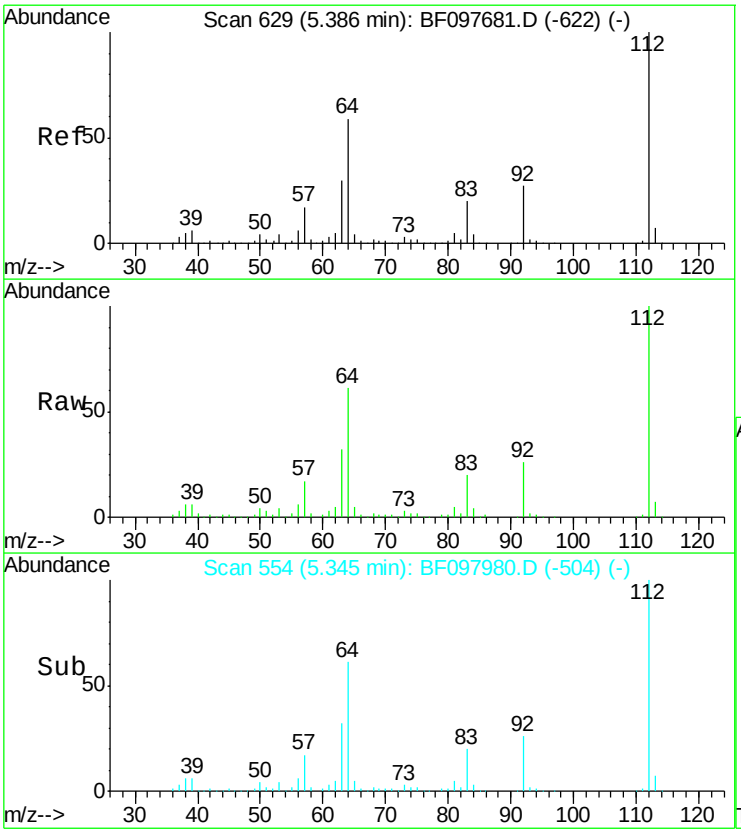
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:152 Resp: 138455

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	68.5	52.2	78.2

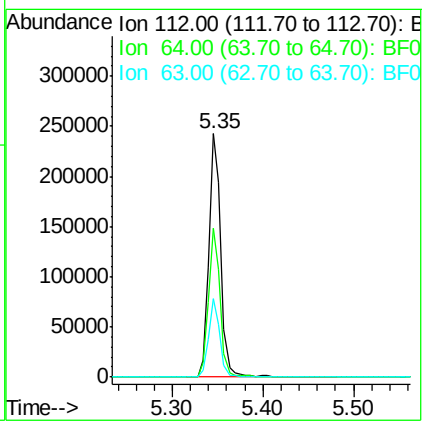


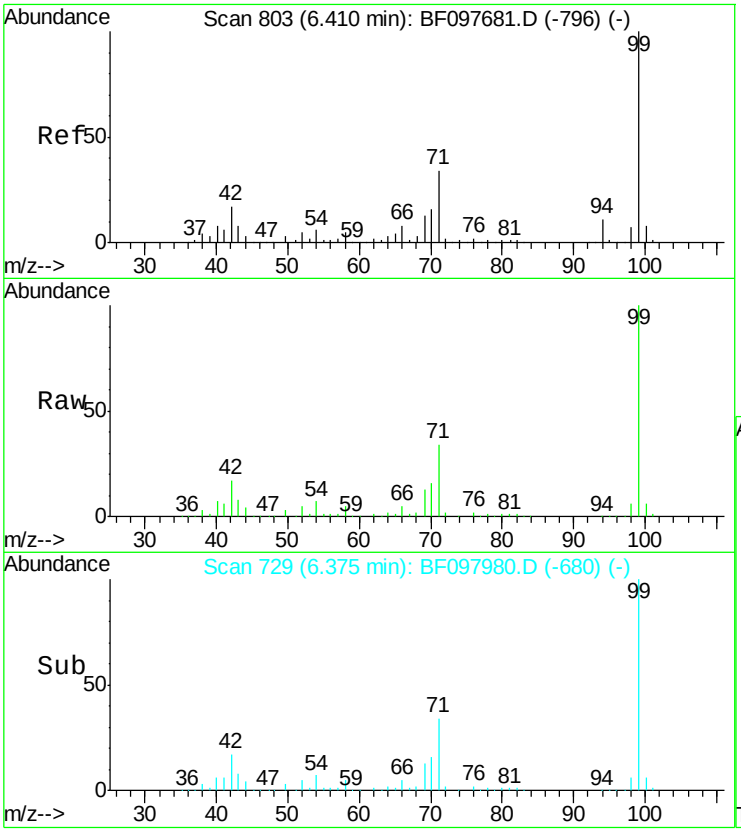


#5
2-Fluorophenol
Concen: 24.73 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:112 Resp: 225118

Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.0	69.0
63	32.2	23.4	35.0



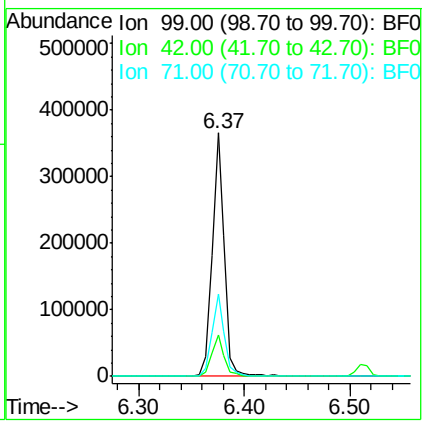


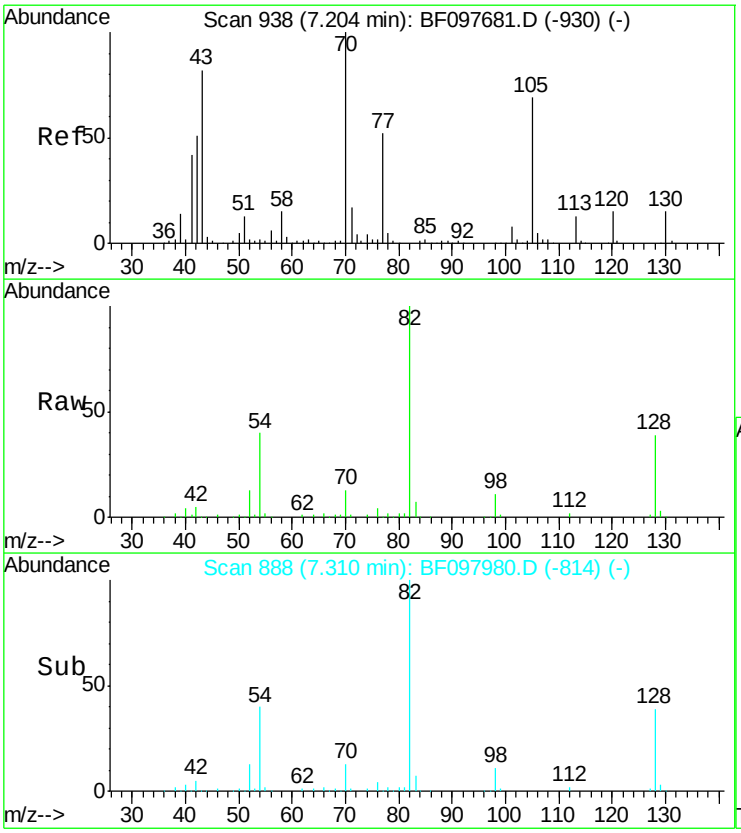
#7
Phenol-d6
Concen: 24.23 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion: 99 Resp: 299623

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	33.6	24.5	36.7

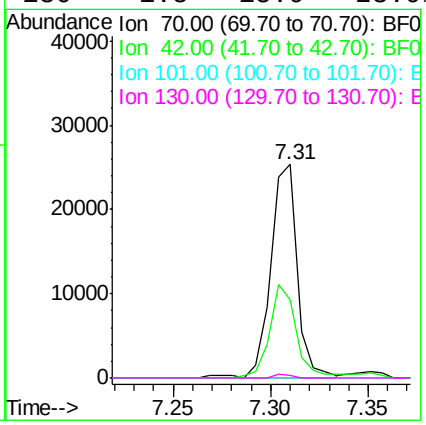


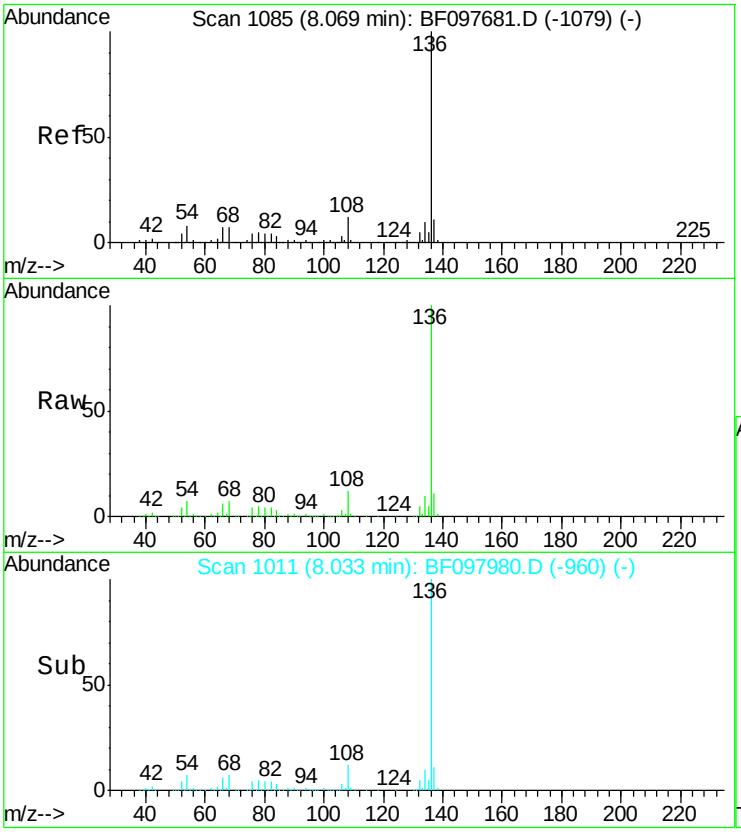


#19
n-Nitroso-di-n-propylamine
Concen: 2.83 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion: 70 Resp: 23921

Ion	Ratio	Lower	Upper
70	100		
42	36.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.5	15.9	23.9#



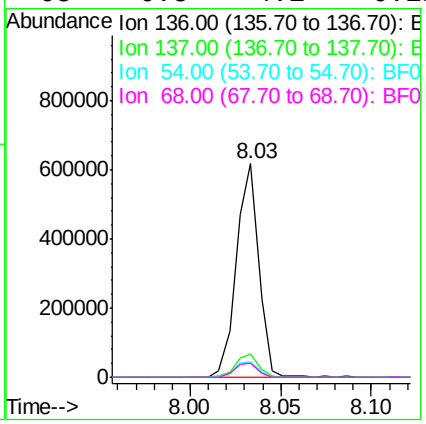


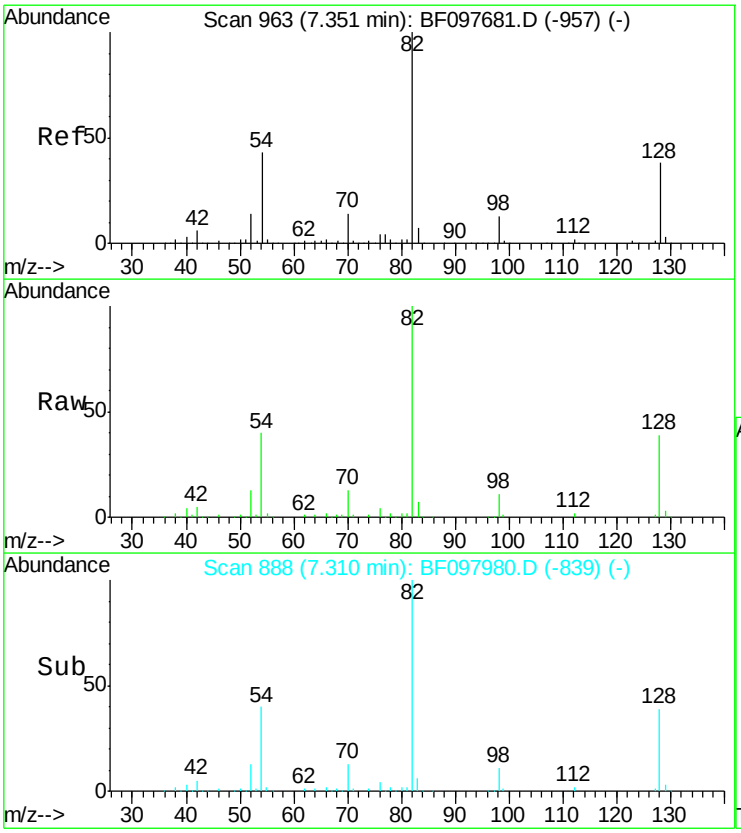
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:136 Resp: 529607

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.8	4.1	6.1#

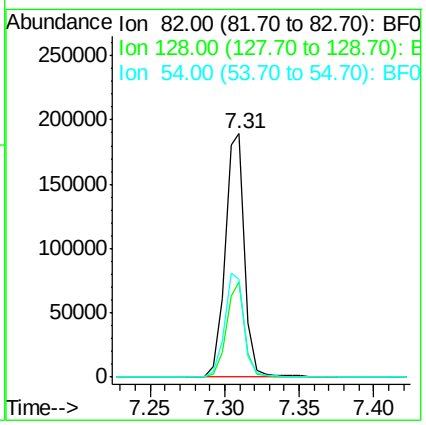


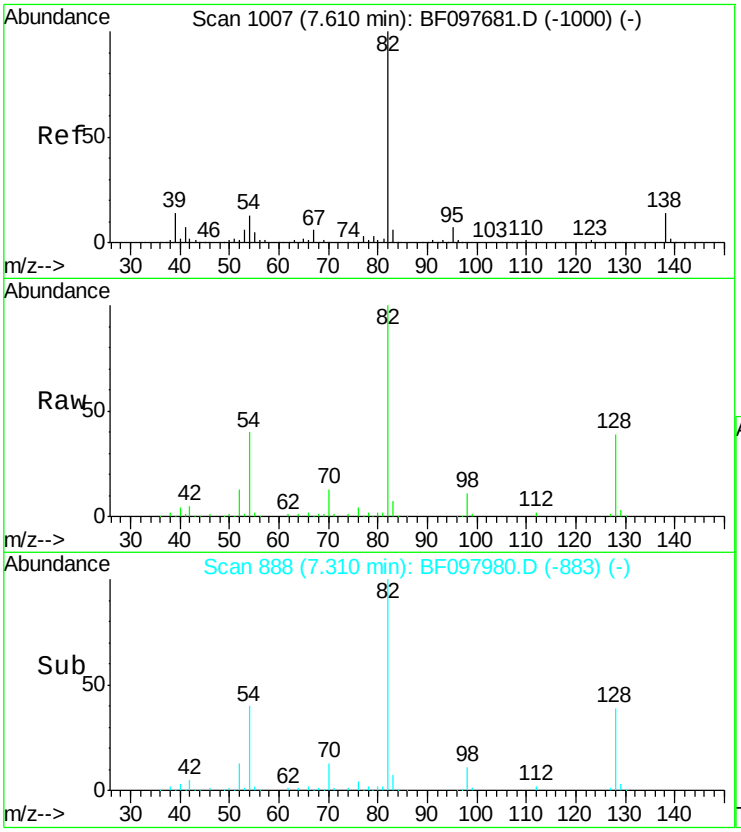


#23
Nitrobenzene-d5
Concen: 18.05 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion: 82 Resp: 175951

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.0	51.0
54	40.1	42.2	63.2#



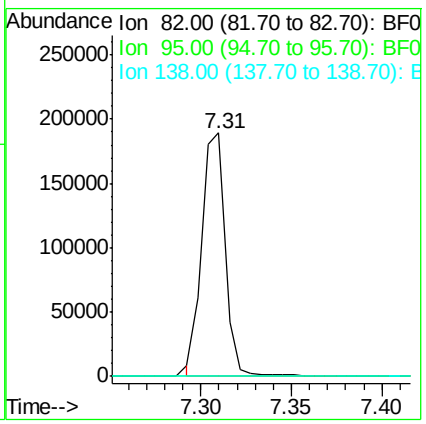


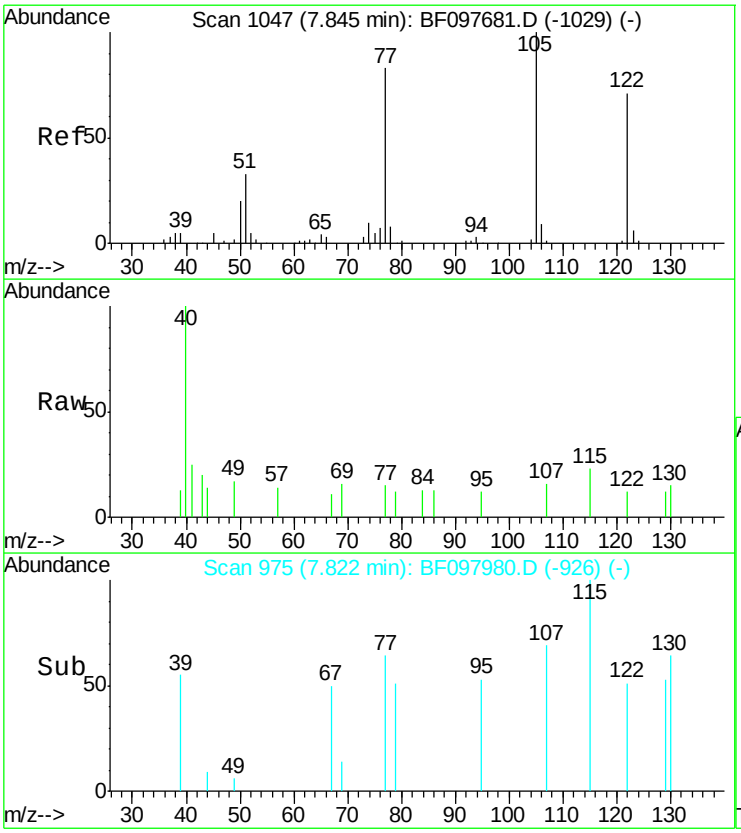
#25
Isophorone
Concen: 8.42 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion: 82 Resp: 170603

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

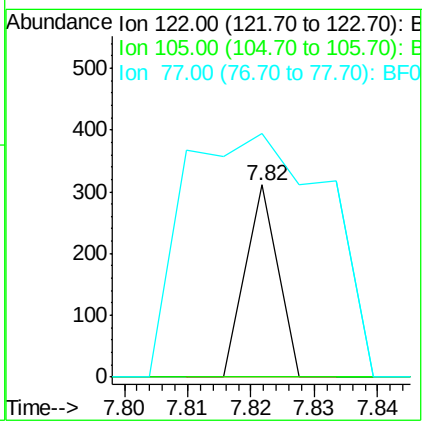


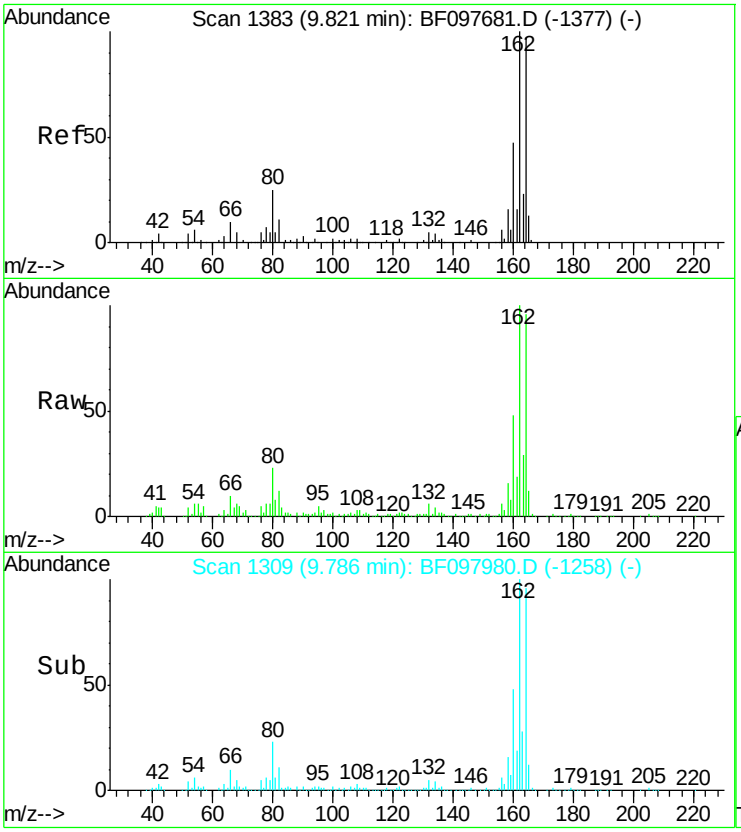


#32
Benzoic acid
Concen: 6.42 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	126.7	73.7	113.7#



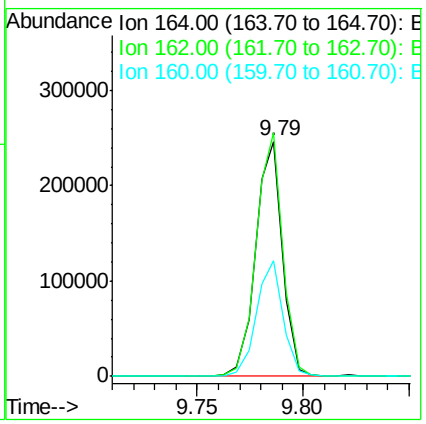


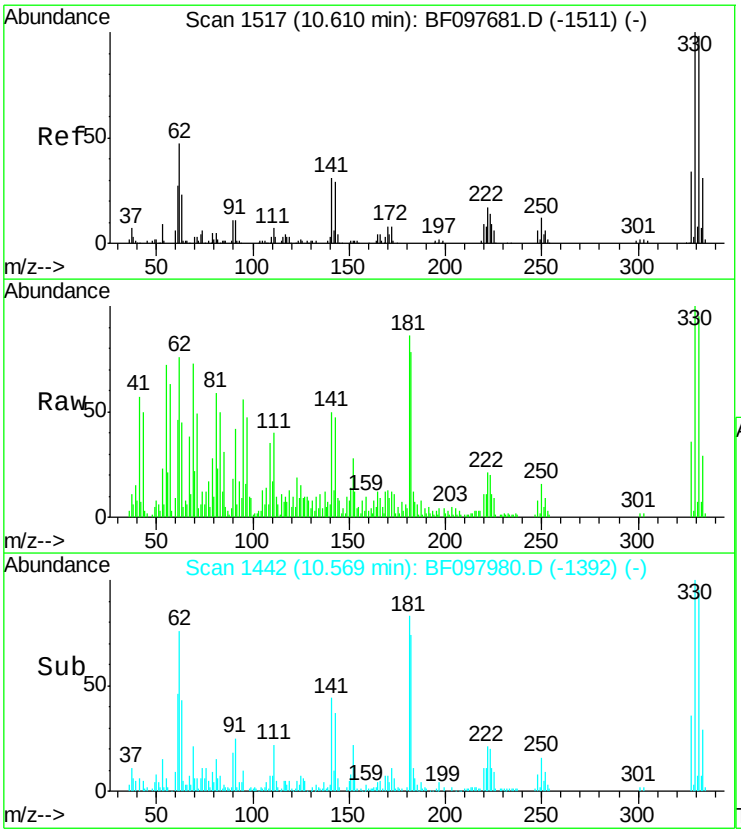
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:164 Resp: 215157

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	49.5	36.2	54.2

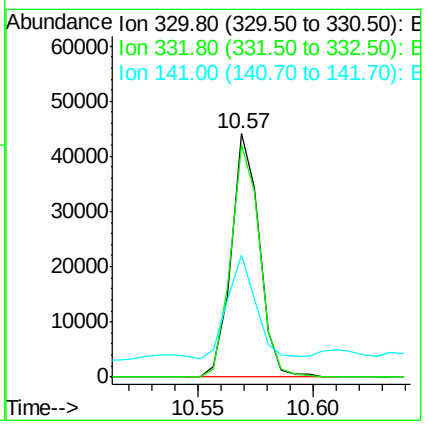


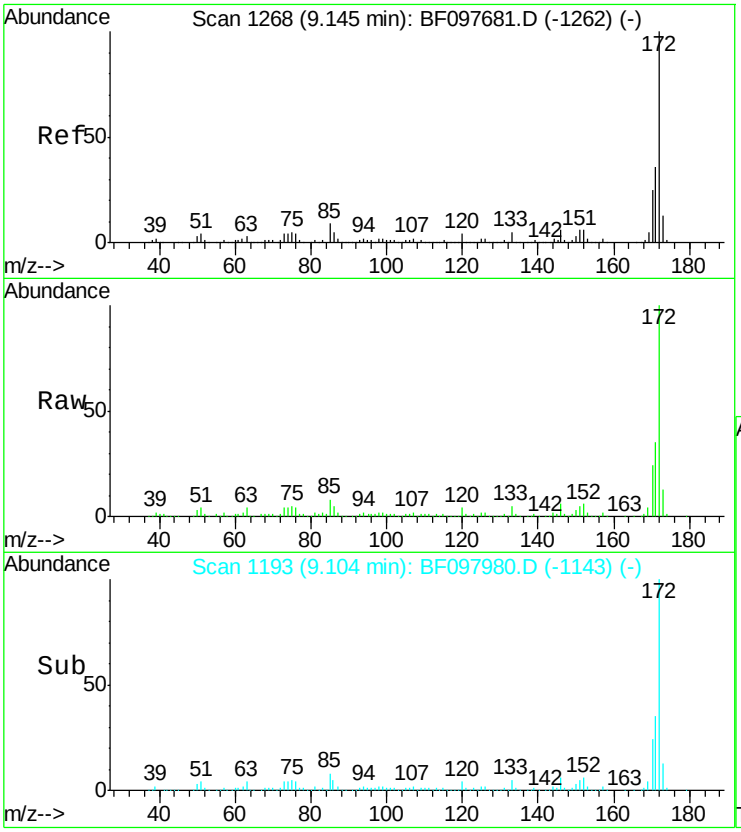


#41
2,4,6-Tribromophenol
Concen: 19.98 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:330 Resp: 37308

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	42.8	31.4	47.2



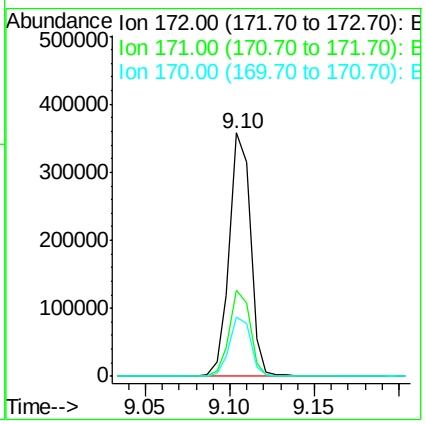


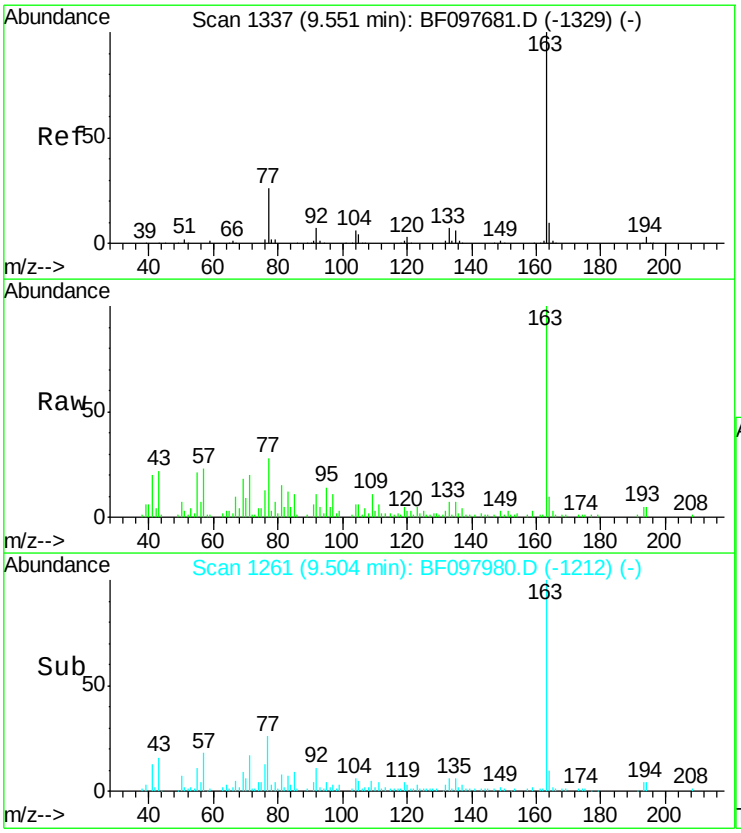
#44
2-Fluorobiphenyl
Concen: 21.33 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:172 Resp: 312296

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.3	19.8	29.8

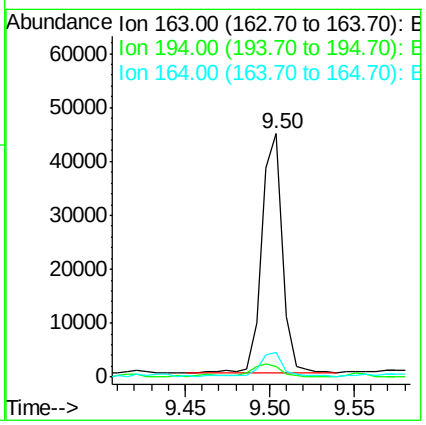


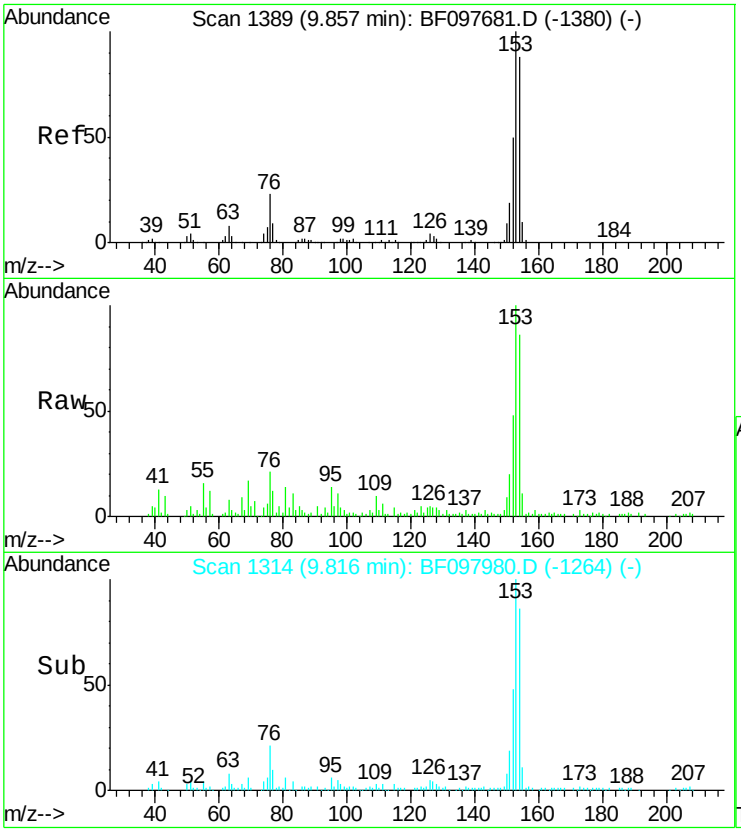


#49
Dimethylphthalate
Concen: 2.43 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:163 Resp: 38231

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.6	4.0#
164	10.2	8.4	12.6



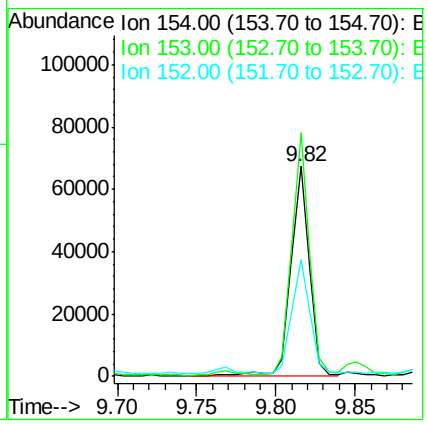


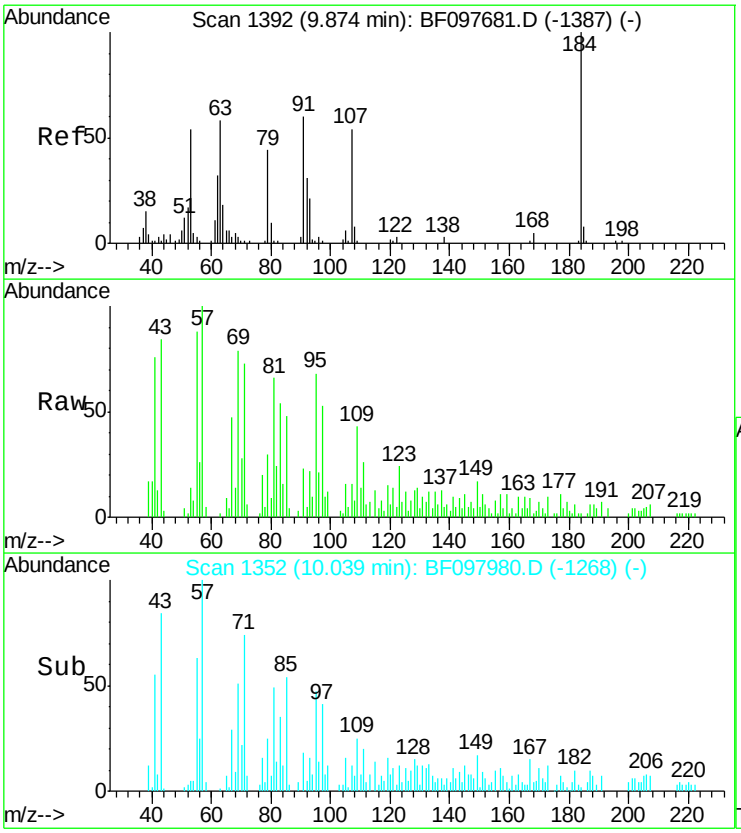
#51
Acenaphthene
Concen: 3.78 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:154 Resp: 54254

Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.5	135.7
152	55.5	43.6	65.4

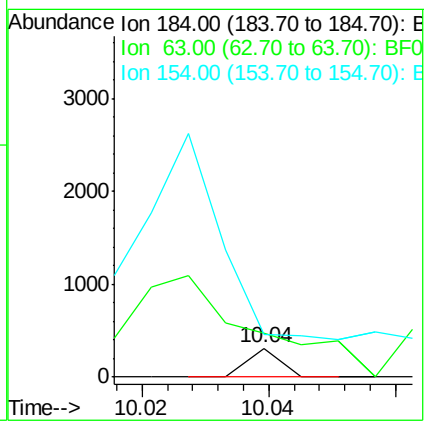


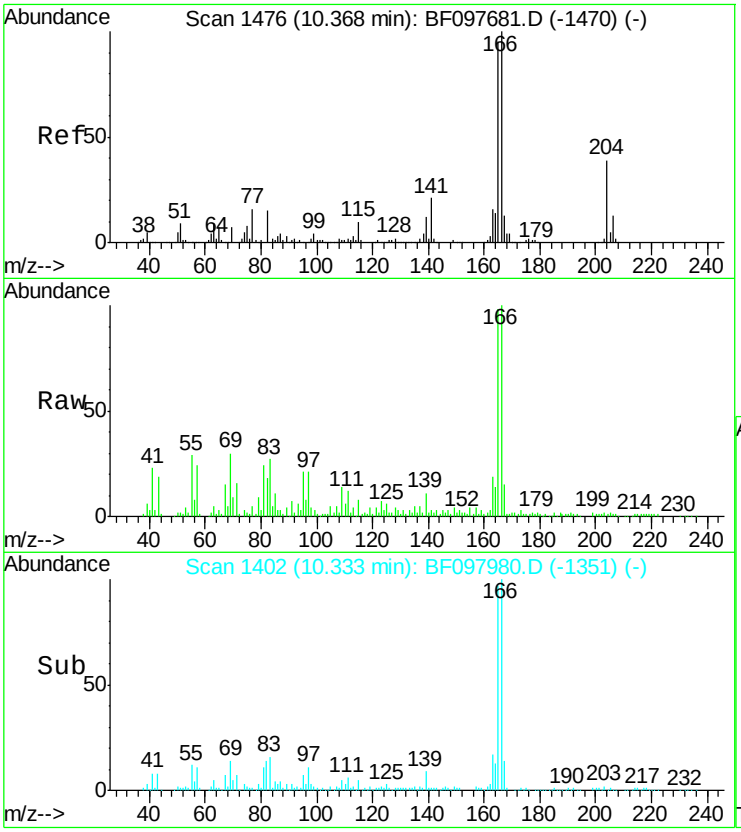


#53
2,4-Dinitrophenol
Concen: 10.21 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.19 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	153.5	62.7	94.1#
154	146.8	81.1	121.7#



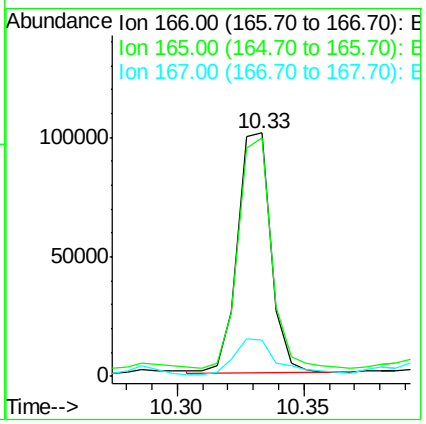


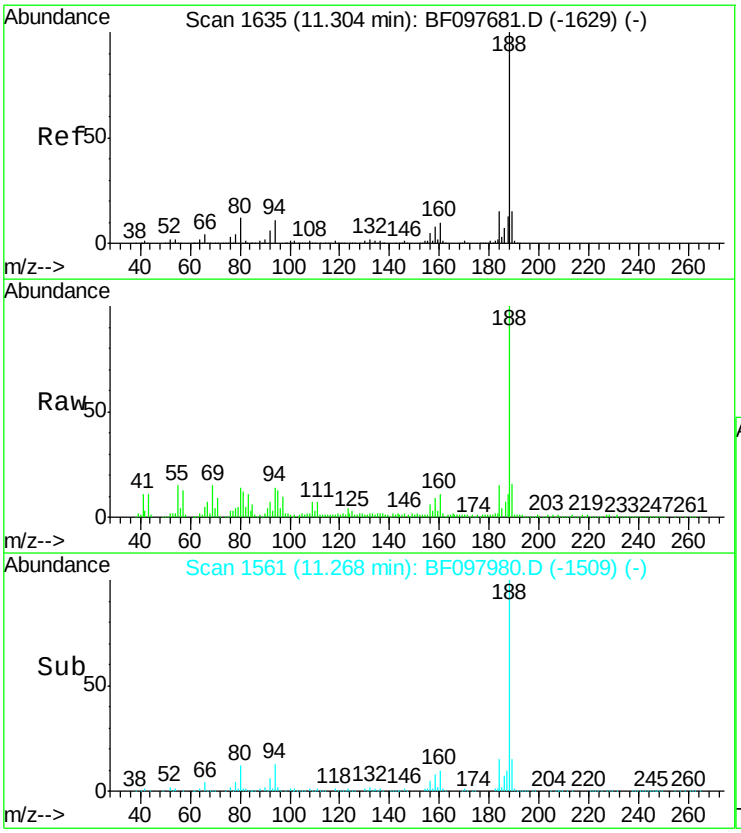
#57
Fluorene
Concen: 6.18 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:166 Resp: 91936

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	14.8	10.6	16.0

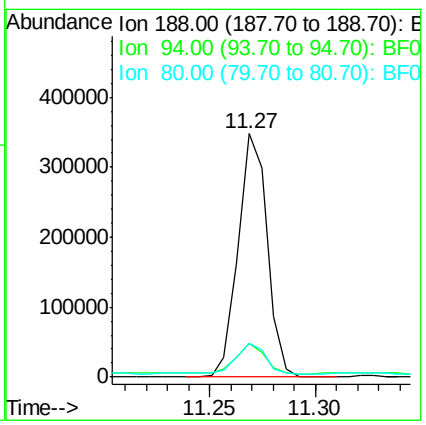


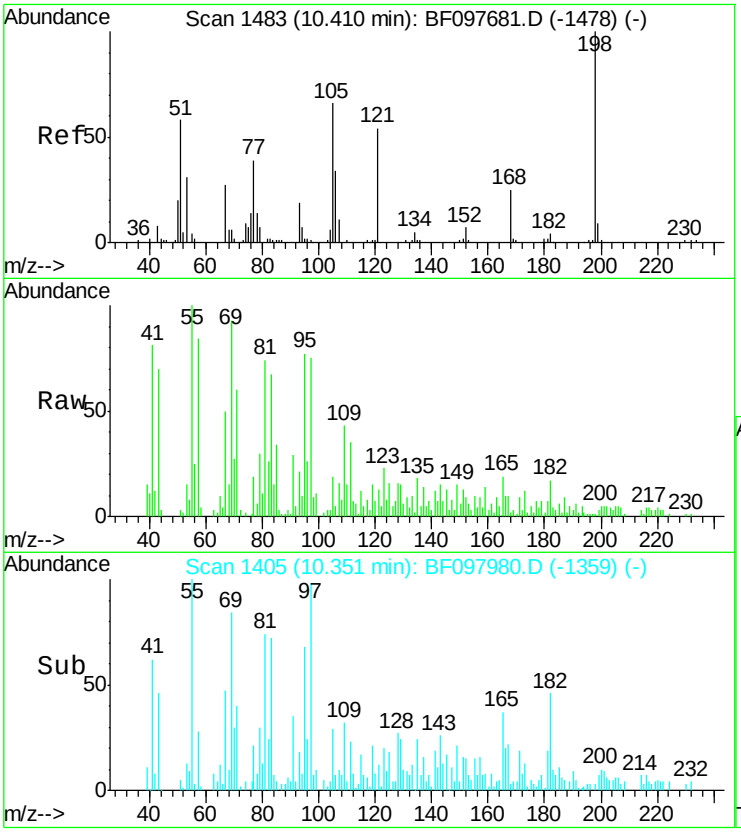


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:188 Resp: 329733

Ion	Ratio	Lower	Upper
188	100		
94	14.0	9.4	14.2
80	13.6	10.2	15.2



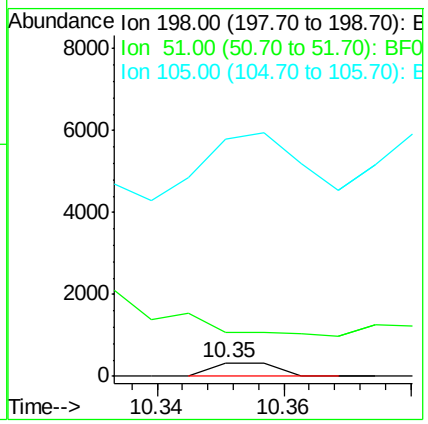


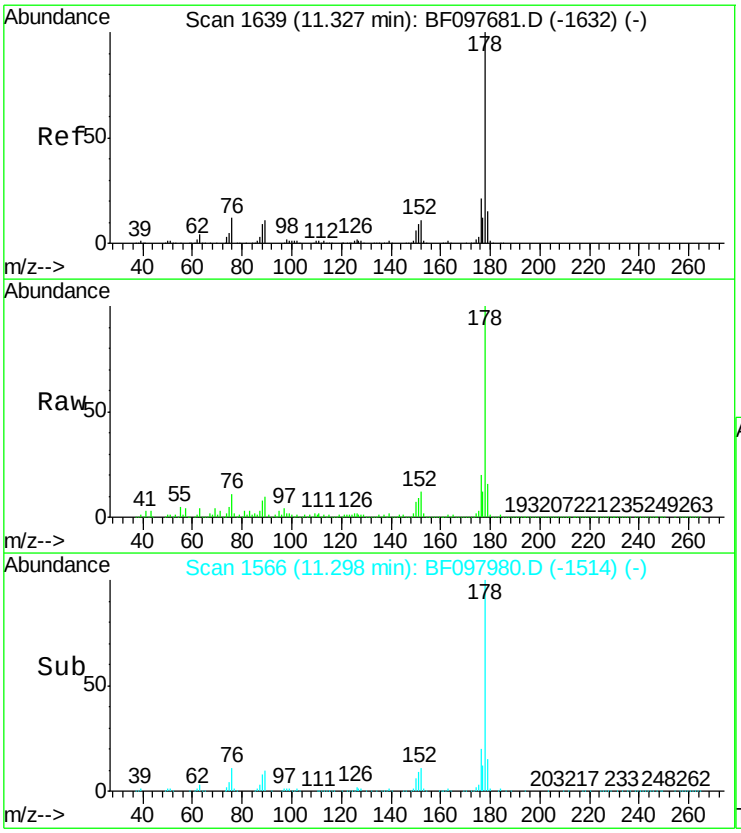
#64
4,6-Dinitro-2-methylphenol
Concen: 8.45 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:198 Resp: 235

Ion	Ratio	Lower	Upper
198	100		
51	313.3	53.2	93.2#
105	1712.7	45.8	85.8#

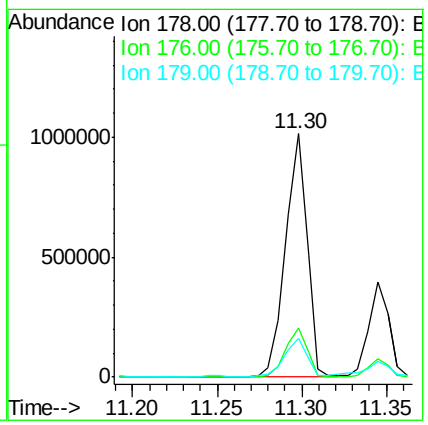


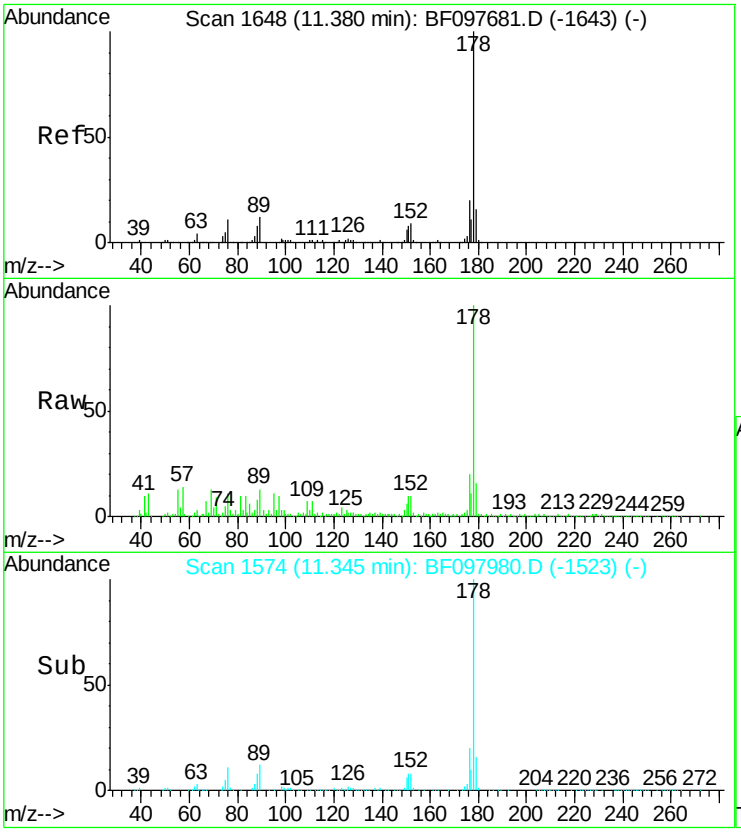


#70
Phenanthrene
Concen: 50.57 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:178 Resp: 888597

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.0	12.6	19.0



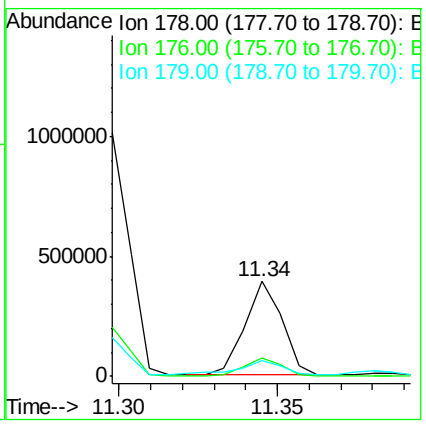


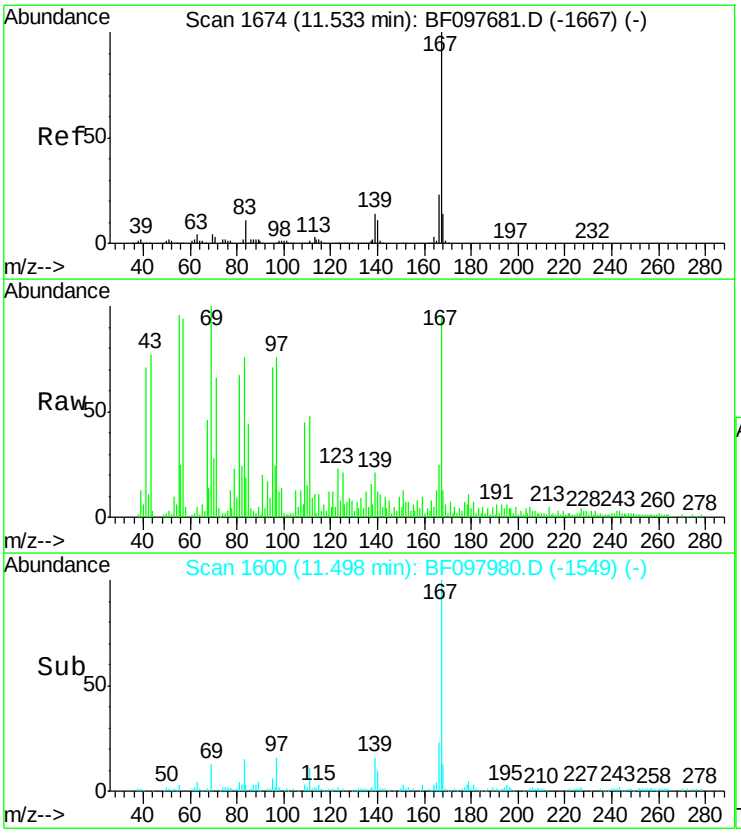
#71
Anthracene
Concen: 17.92 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:178 Resp: 319314

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.3	12.7	19.1

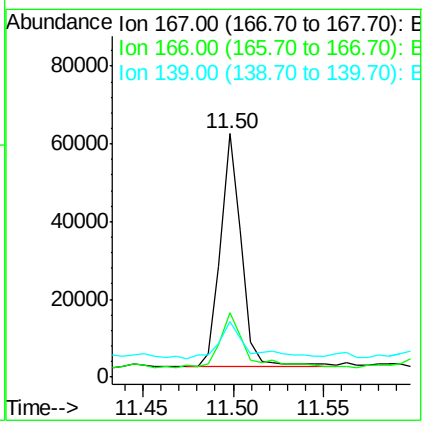


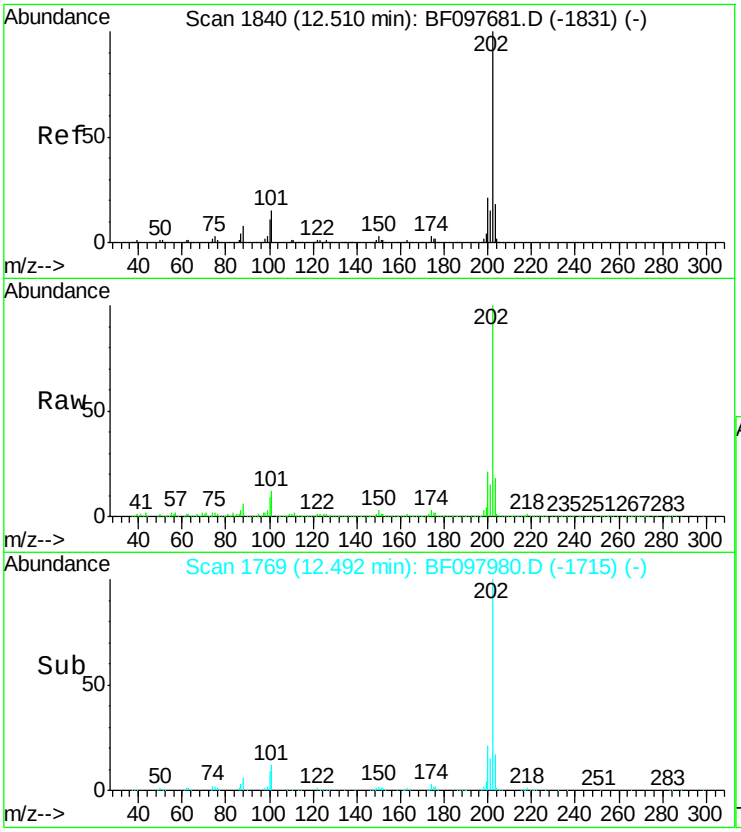


#72
Carbazole
Concen: 2.86 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:167 Resp: 48327

Ion	Ratio	Lower	Upper
167	100		
166	26.6	18.1	27.1
139	22.6	11.7	17.5#



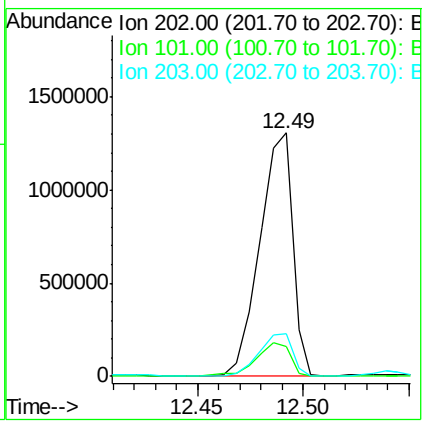


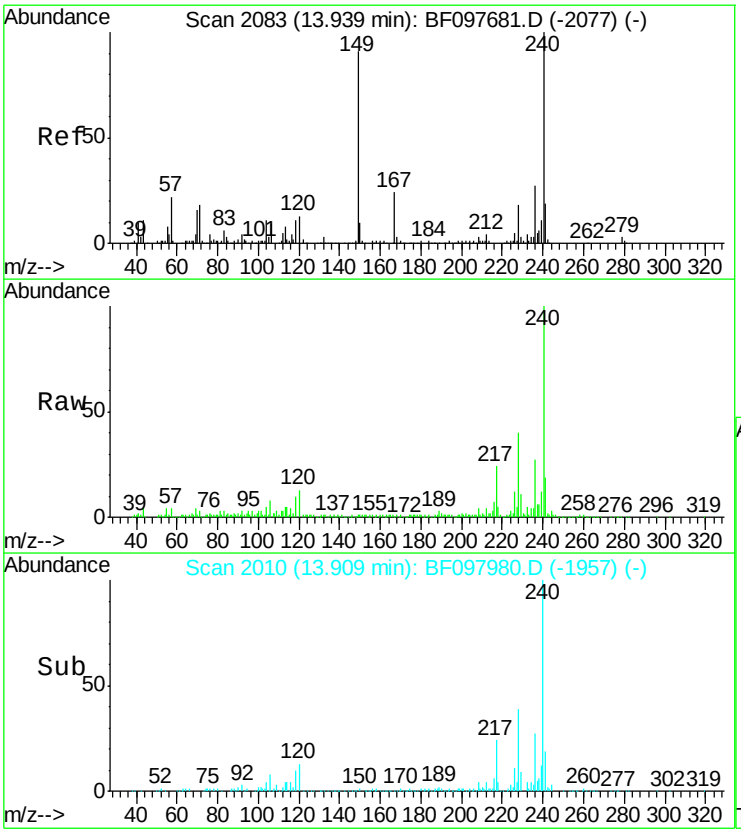
#74
Fluoranthene
Concen: 77.29 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.02 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:202 Resp: 1417371

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.5	0.0	38.1

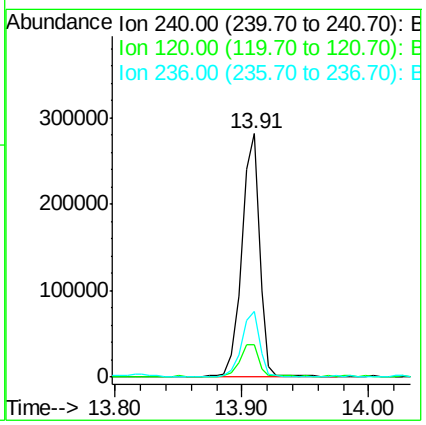


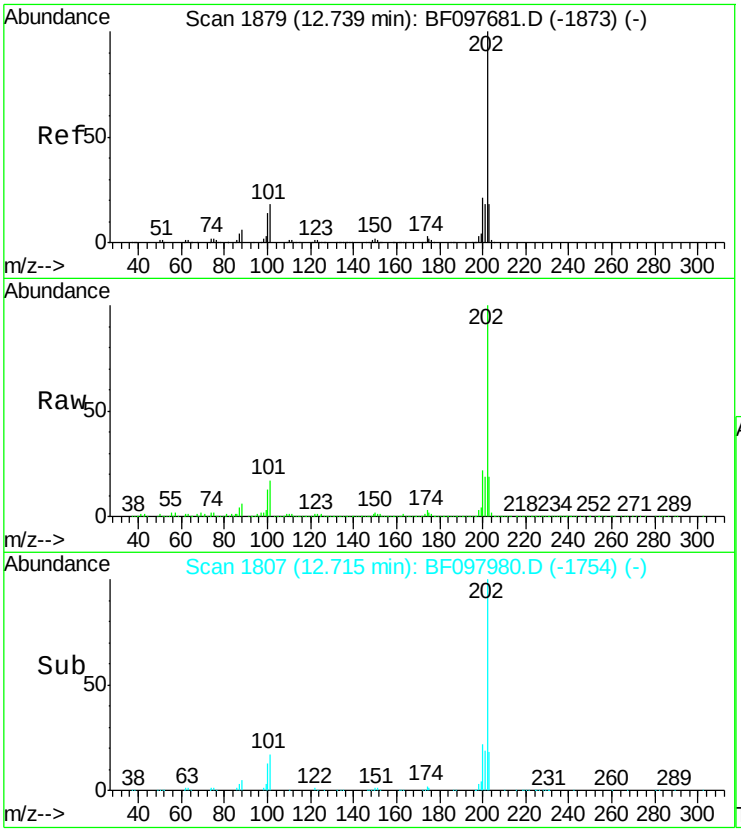


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:240 Resp: 269458

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	27.2	20.5	30.7



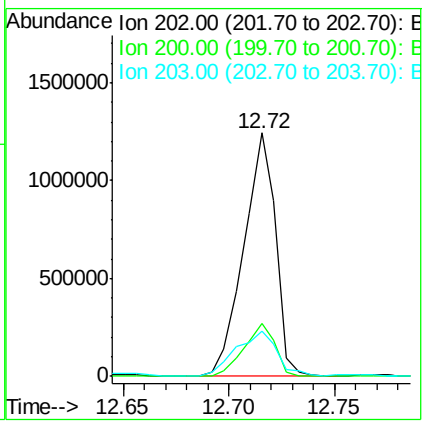


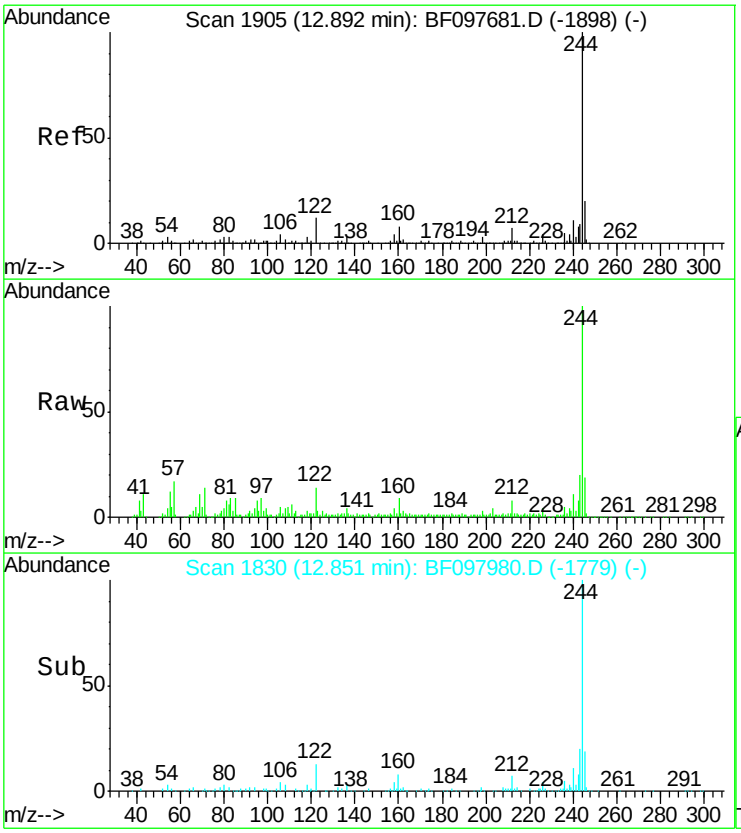
#77
Pyrene
Concen: 58.99 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:202 Resp: 1300086

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.5	14.4	21.6

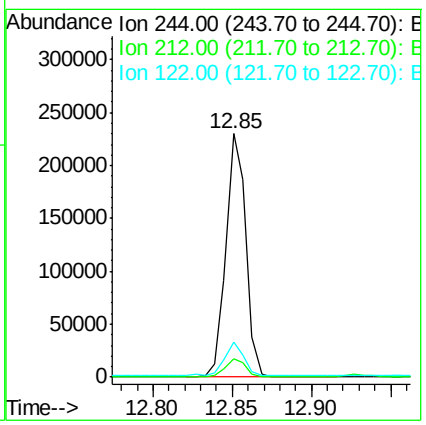


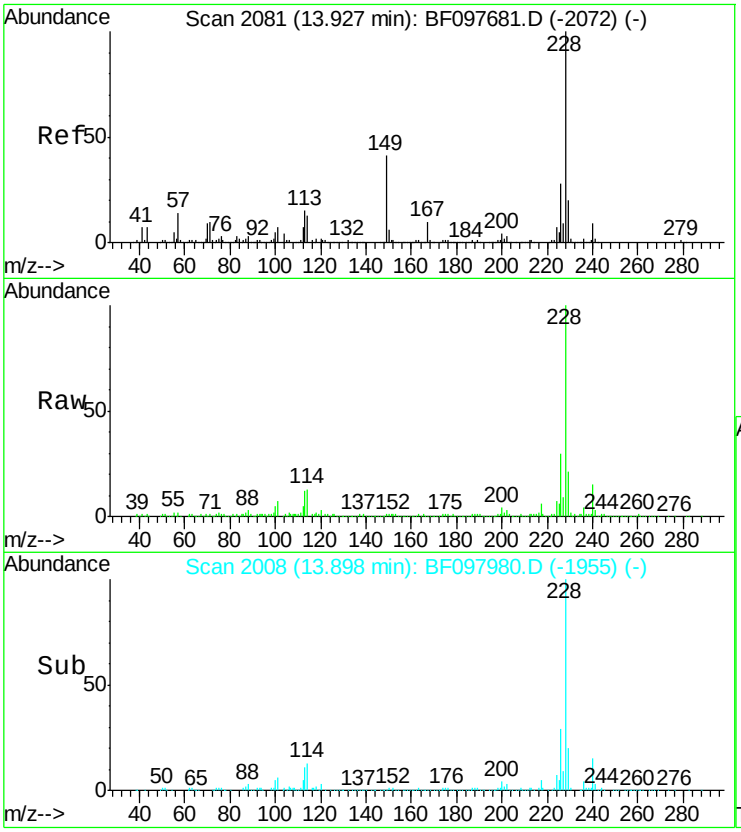


#78
Terphenyl-d14
Concen: 15.49 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:244 Resp: 200167

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.3	10.3	15.5



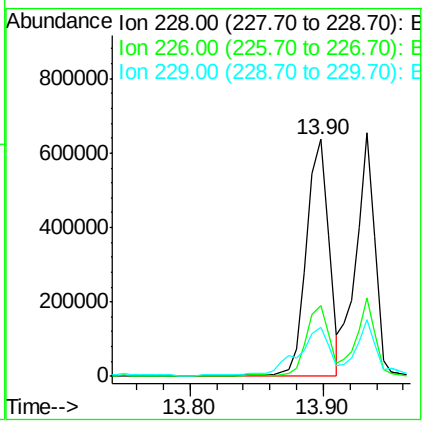


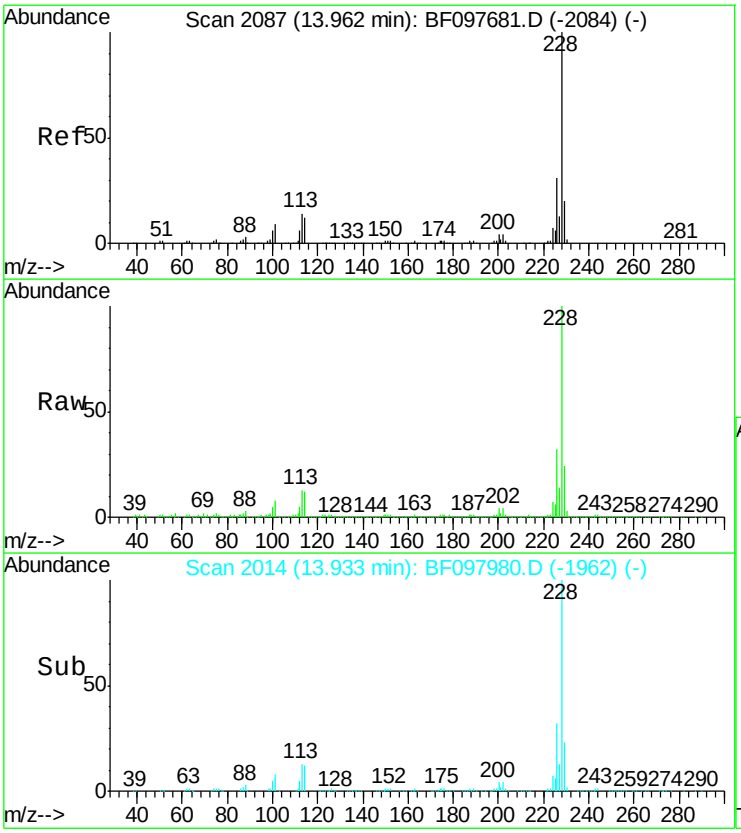
#80
Benzo(a)anthracene
Concen: 45.08 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:228 Resp: 728025

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.8	16.3	24.5

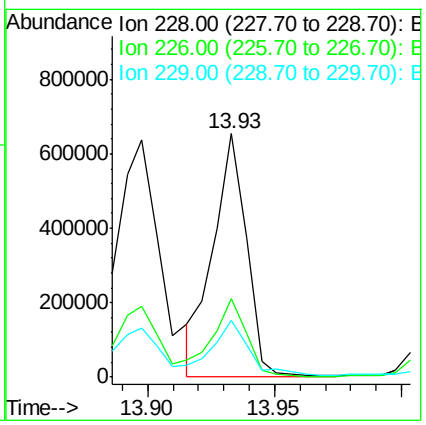


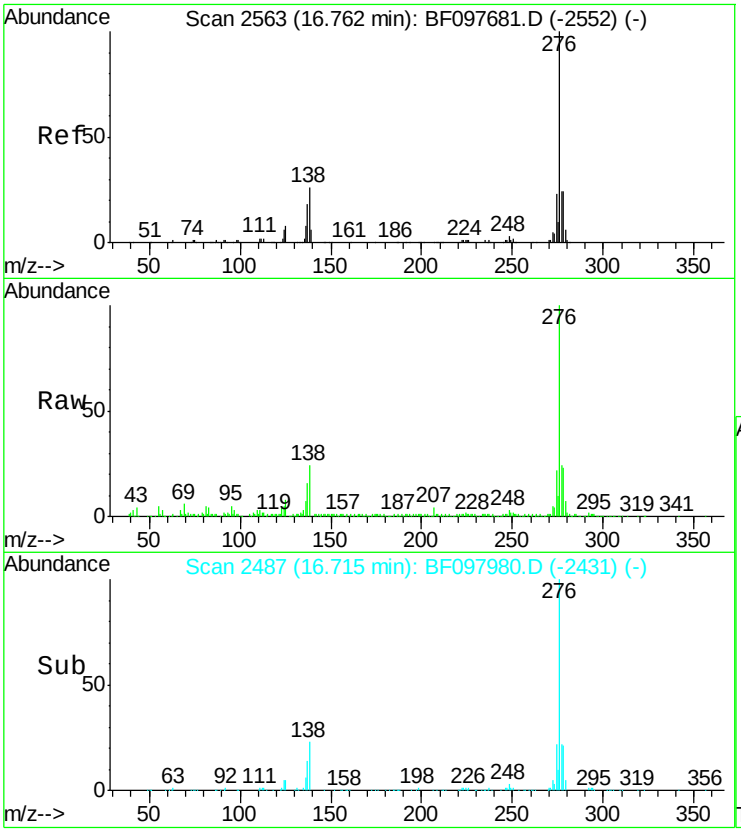


#82
Chrysene
Concen: 37.05 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:228 Resp: 595192

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	23.5	15.8	23.6



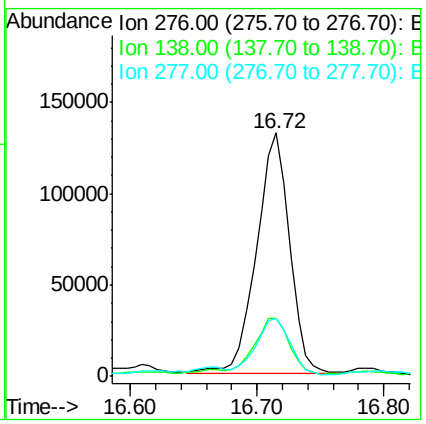


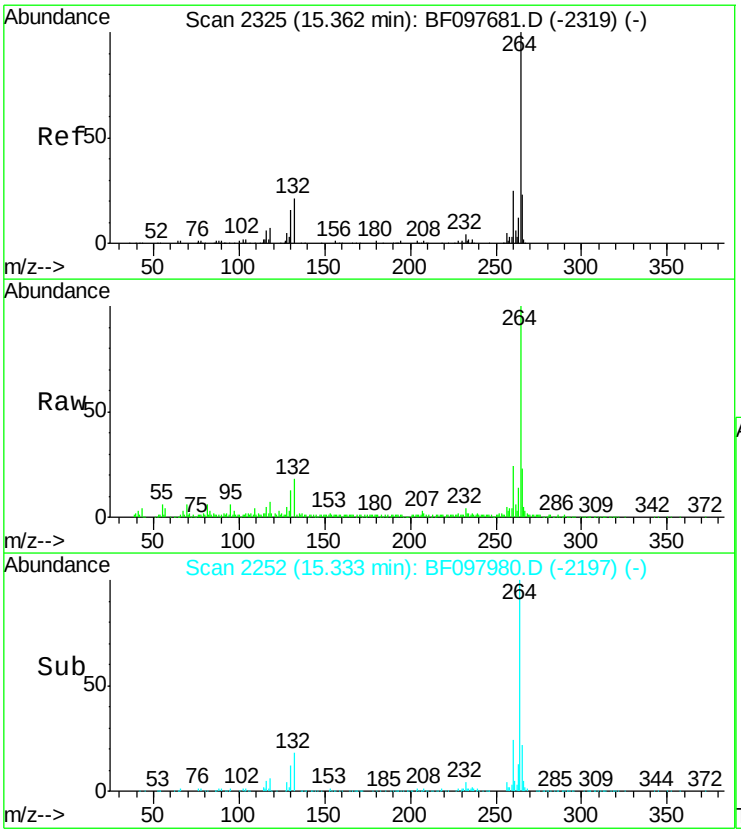
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.19 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.03 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:276 Resp: 238651

Ion	Ratio	Lower	Upper
276	100		
138	24.1	27.8	41.6#
277	24.2	20.2	30.4

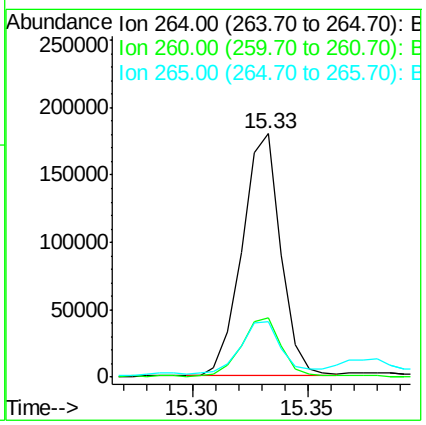


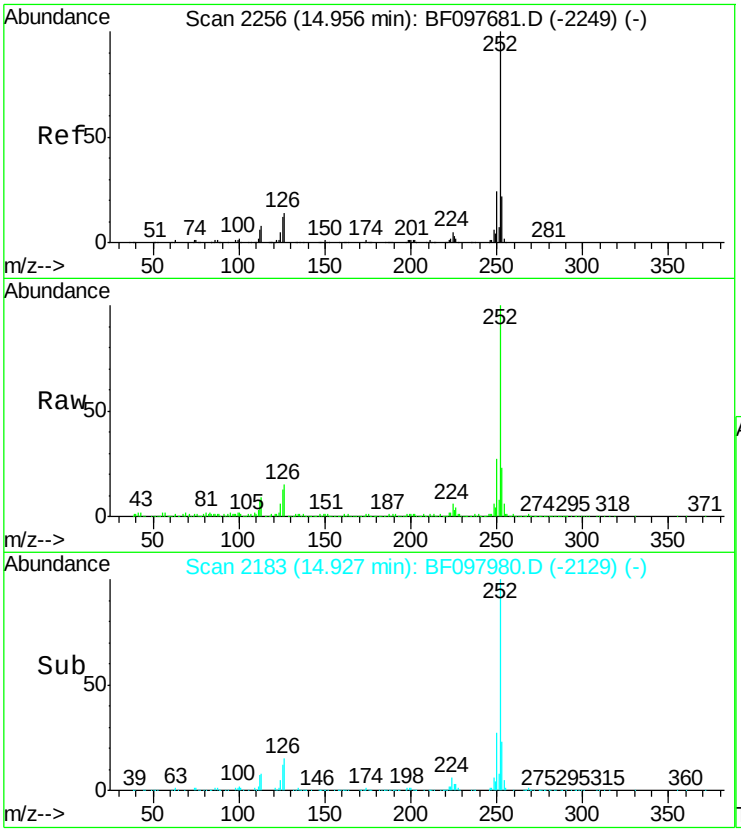


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:264 Resp: 210090

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.8	17.2	25.8



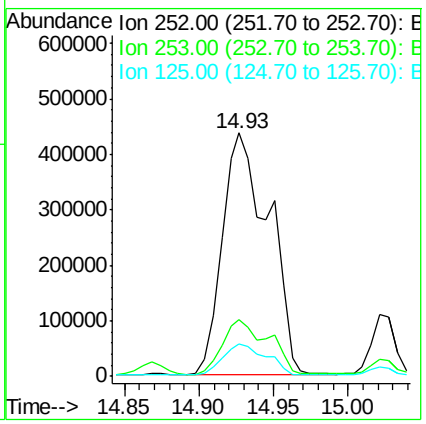


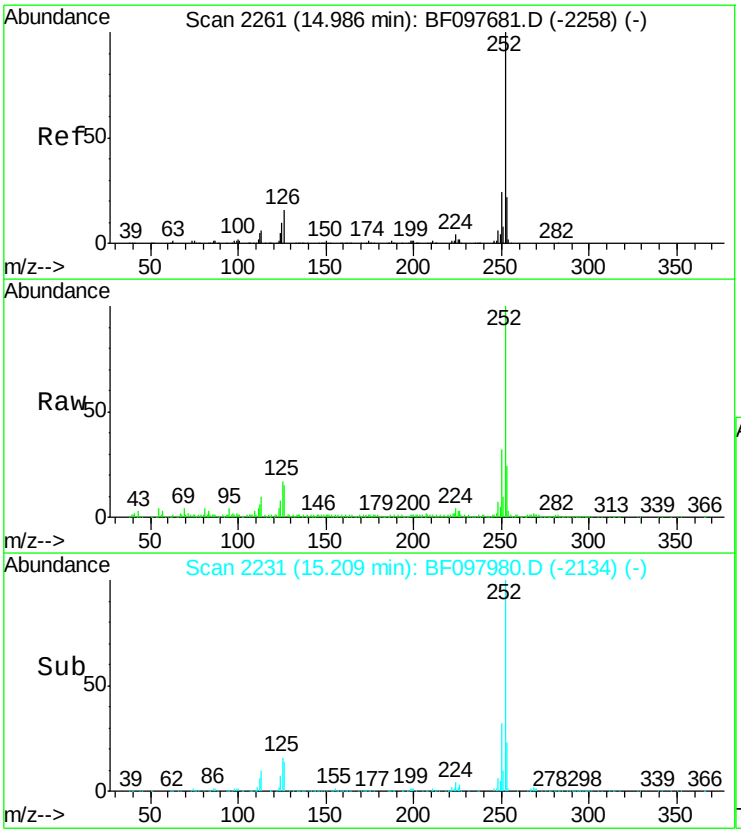
#87
Benzo(b)fluoranthene
Concen: 71.85 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:252 Resp: 951484

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	13.1	9.8	14.8

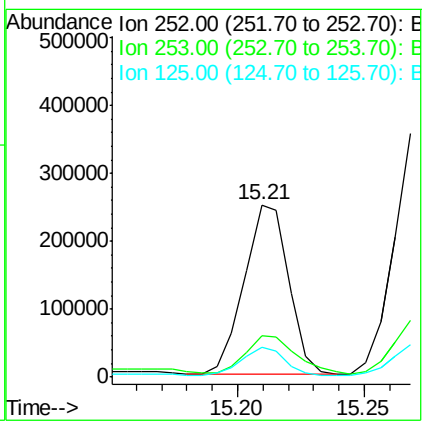


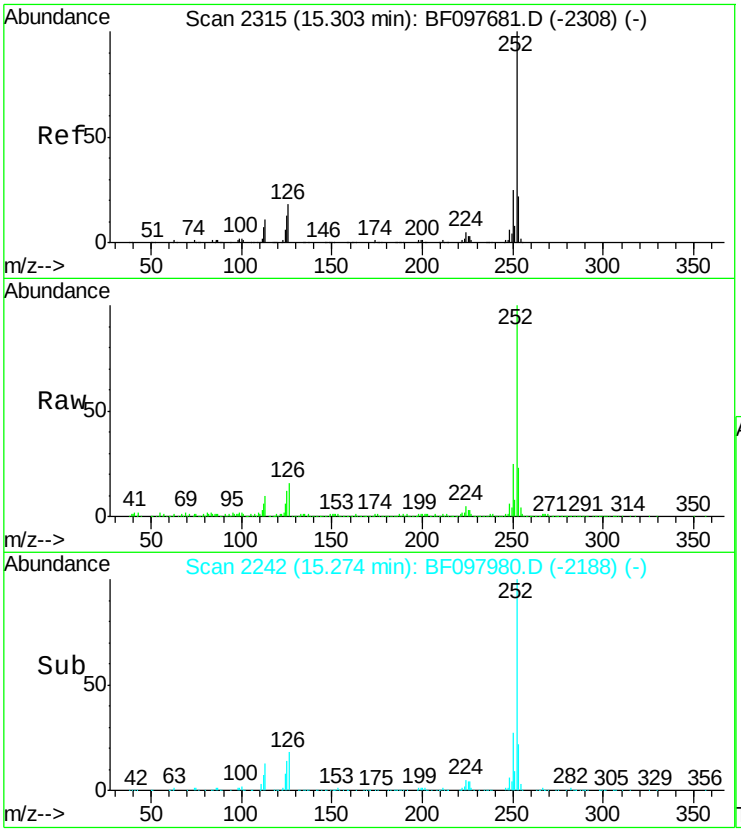


#88
Benzo(k)fluoranthene
Concen: 24.69 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.27 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:252 Resp: 307135

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	17.4	13.1	19.7



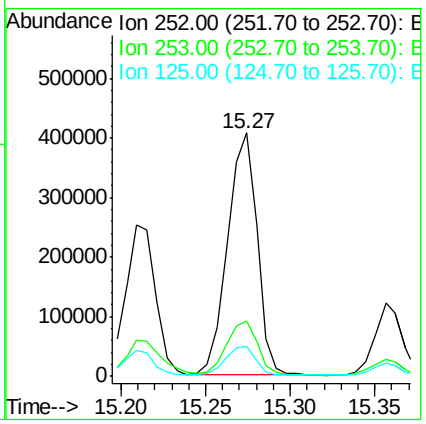


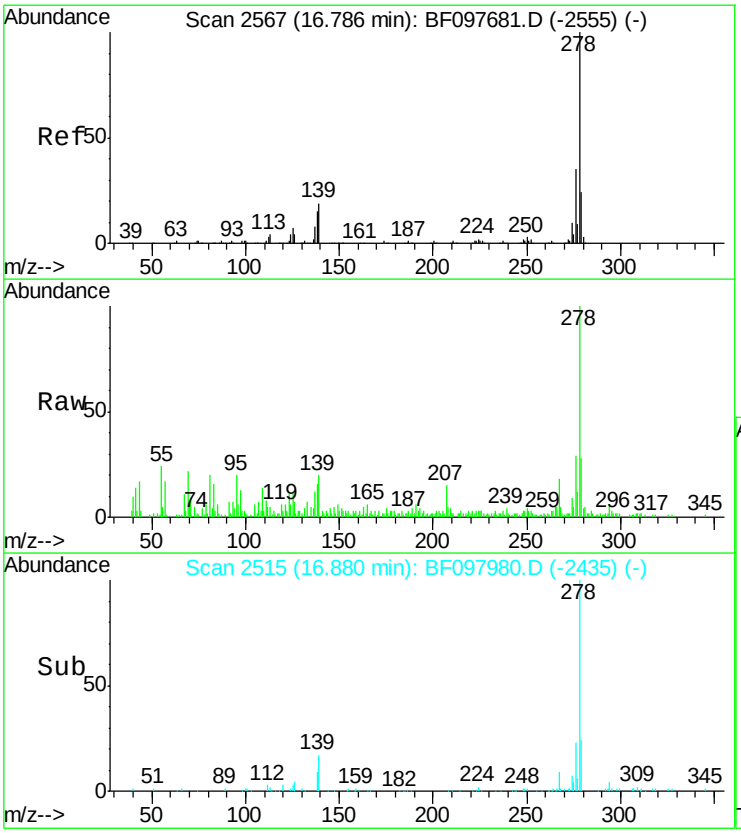
#89
Benzo(a)pyrene
Concen: 42.20 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:252 Resp: 494685

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.2	11.0	16.4

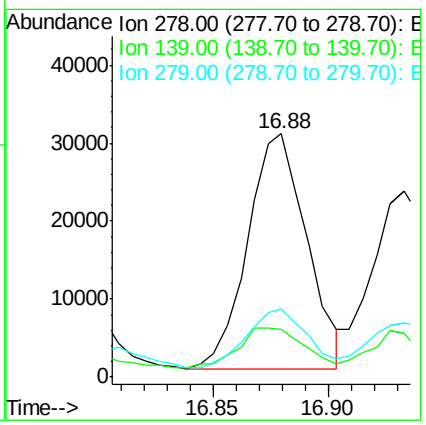


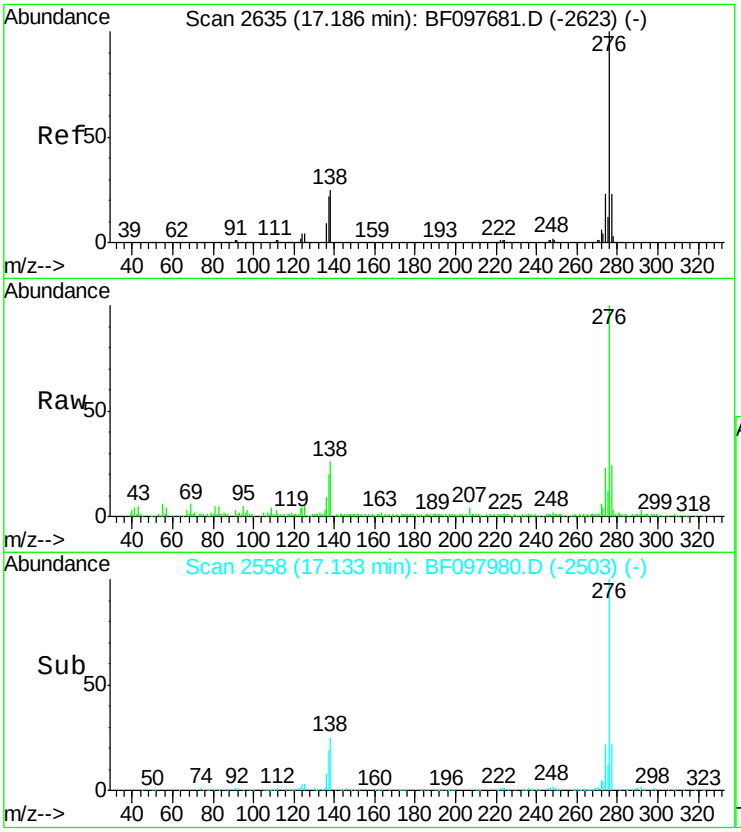


#90
Dibenzo(a,h)anthracene
Concen: 5.61 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.17 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Tgt Ion:278 Resp: 53581

Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.6	24.8
279	28.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 22.28 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.02 min
Lab File: BF097980.D
Acq: 23 Aug 2017 3:42

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-A

Tgt Ion:276 Resp: 221908

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	26.1	25.4	38.0