Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098099.D
Acq On : 29 Aug 2017 7:02
Operator : SJ/JU
Sample : I4961-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 09:32:39 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	6.74	152	113562	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	449015	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	198719	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	356551	20.00	ng		0.00
75) Chrysene-d12	13.89	240	257724	20.00	ng		0.00
86) Perylene-d12	15.32	264	267479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1005474	134.68	ng		0.00
7) Phenol-d6	6.38	99	1363575	134.42	ng		0.00
23) Nitrobenzene-d5	7.30	82	829698	100.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	223087	129.38	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1151616	85.14	ng		0.00
78) Terphenyl-d14	12.85	244	841913	68.12	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	47057	3.966	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	111493	16.056	ng	#	73
25) Isophorone	7.30	82	820247	47.725	ng	#	67
32) Benzoic acid	7.75	122	1063	6.581	ng		93
49) Dimethylphthalate	9.49	163	163778	11.275	ng		99
51) Acenaphthene	9.80	154	51335	3.871	ng		99
54) Dibenzofuran	9.97	168	48070	2.705	ng	#	98
55) 4-Nitrophenol	9.97	139	18887	6.329	ng	#	28
57) Fluorene	10.32	166	66456	4.836	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	479	8.556	ng	#	1
66) 4-Bromophenyl-phenylether	10.56	248	14378	3.883	ng	#	1
70) Phenanthrene	11.28	178	701715	36.933	ng		100
71) Anthracene	11.33	178	201526	10.458	ng		98
72) Carbazole	11.49	167	79208	4.330	ng		98
74) Fluoranthene	12.47	202	673969	33.985	ng		99
77) Pyrene	12.70	202	653077	30.983	ng		98
80) Benzo(a)anthracene	13.88	228	299445	19.386	ng		99
82) Chrysene	13.92	228	272301	17.721	ng		97
83) Bis(2-ethylhexyl)phthalate	13.88	149	259041	28.926	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	124123	10.981	ng	#	87
87) Benzo(b)fluoranthene	14.91	252	429377	25.467	ng		98
88) Benzo(k)fluoranthene	15.20	252	157169	9.922	ng		98
89) Benzo(a)pyrene	15.20	252	160593	10.759	ng		96
90) Dibenzo(a,h)anthracene	16.86	278	27717	2.281	ng		94
91) Benzo(g,h,i)perylene	17.11	276	112636	8.884	ng	#	91

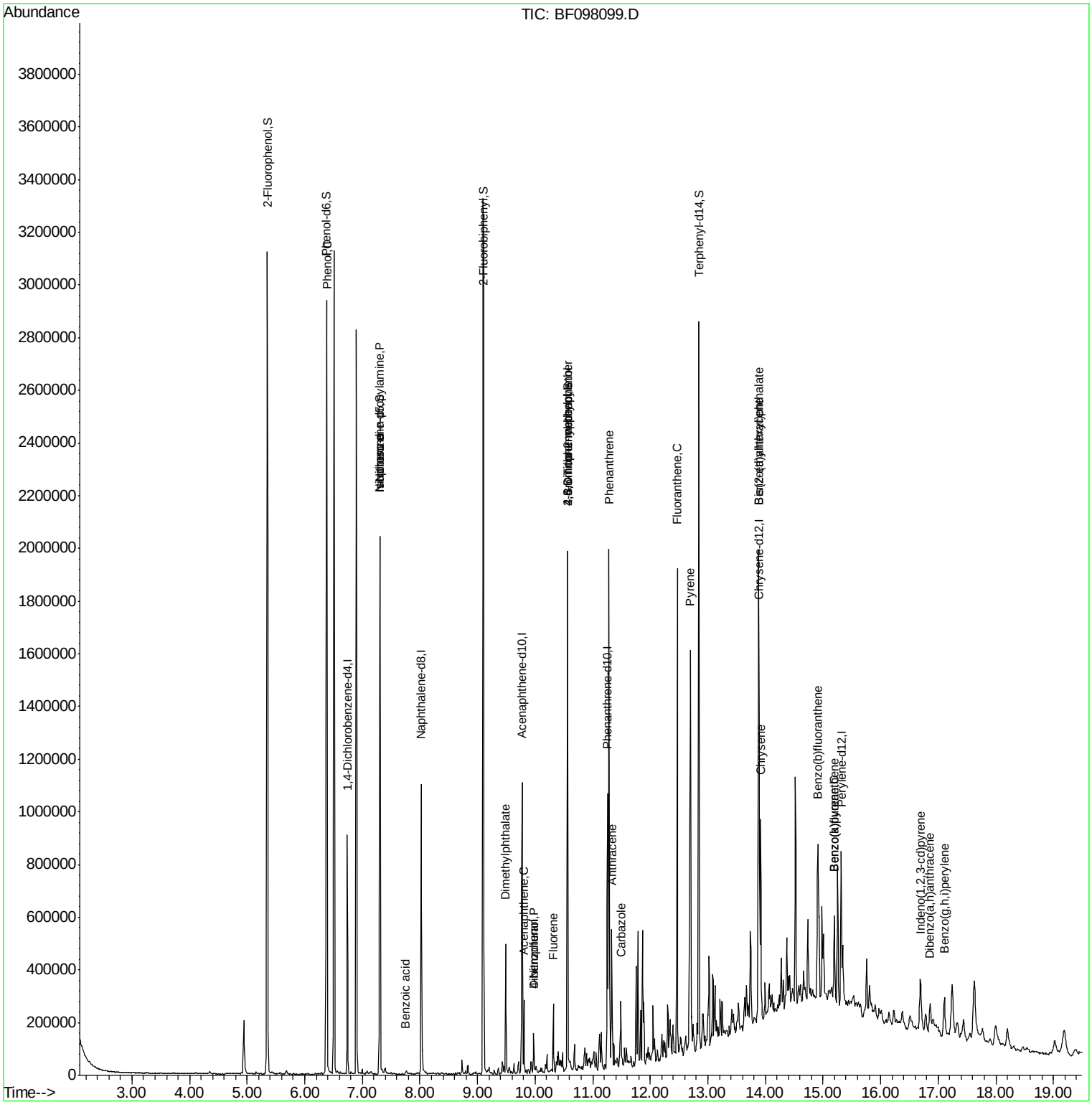
(#) = qualifier out of range (m) = manual integration (+) = signals summed

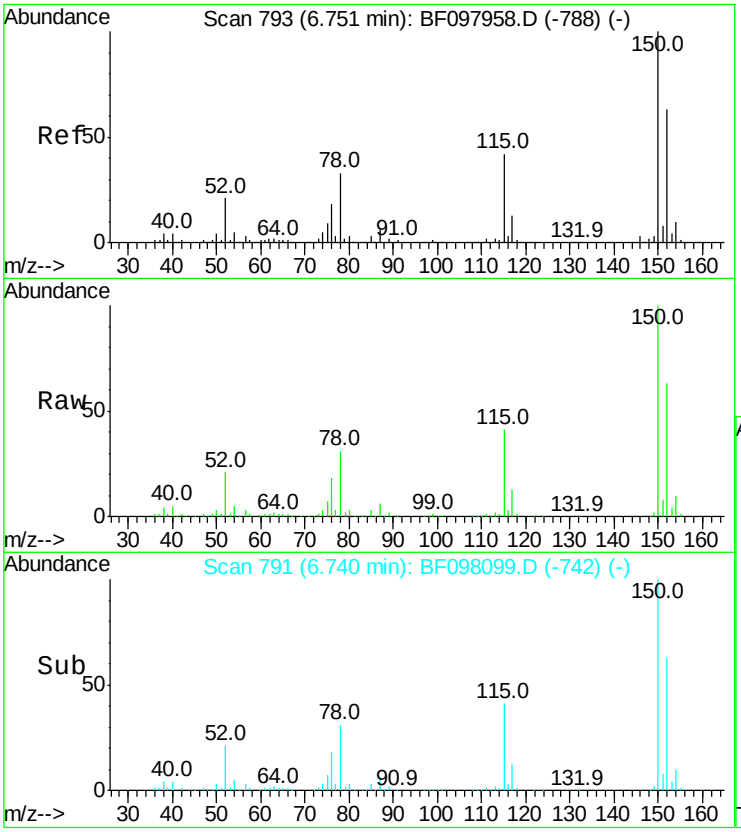
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098099.D
Acq On : 29 Aug 2017 7:02
Operator : SJ/JU
Sample : I4961-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 29 09:32:39 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



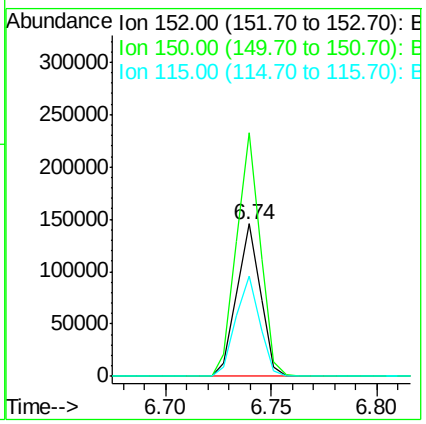


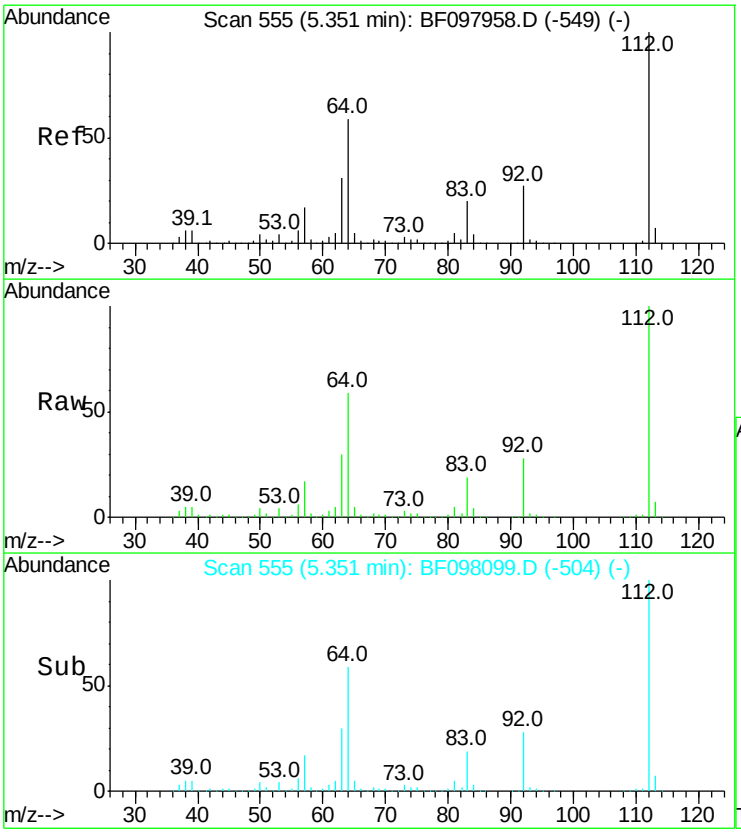
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113562

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	65.7	52.2	78.2

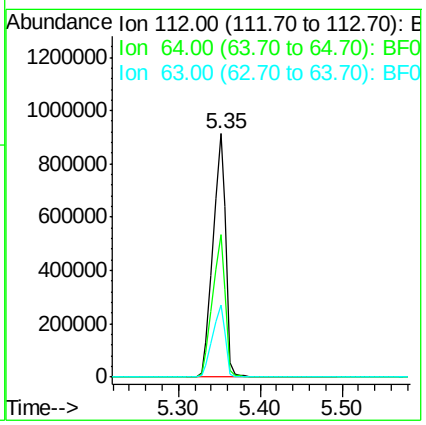


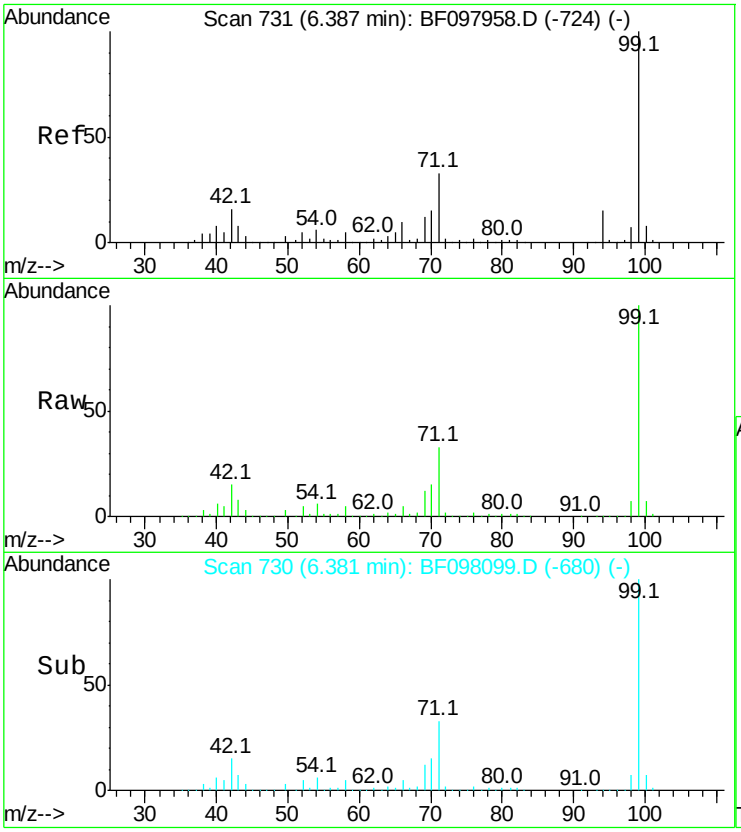


#5
2-Fluorophenol
Concen: 134.675 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:112 Resp: 1005474

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.0	69.0
63	29.7	23.4	35.0



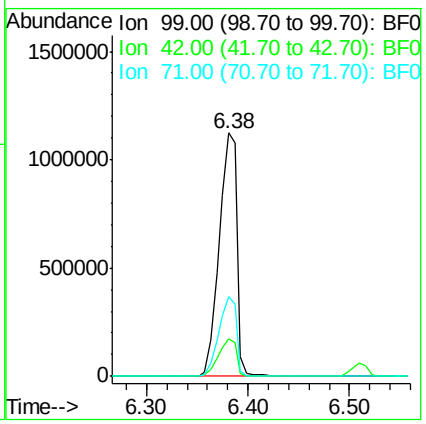


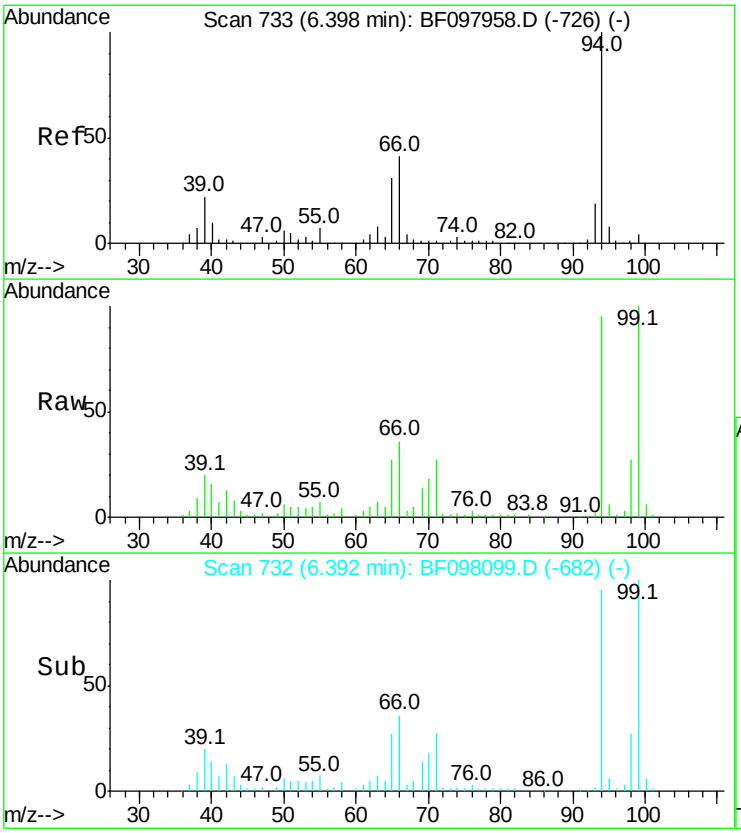
#7
Phenol-d6
Concen: 134.421 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1363575

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.7	24.5	36.7

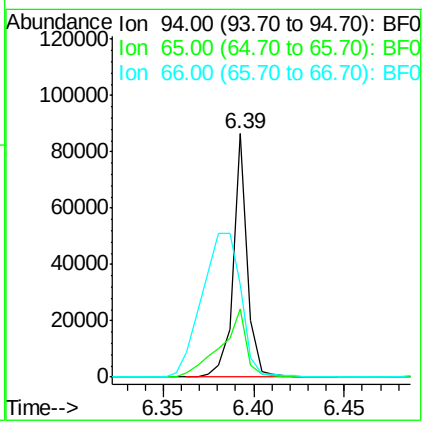


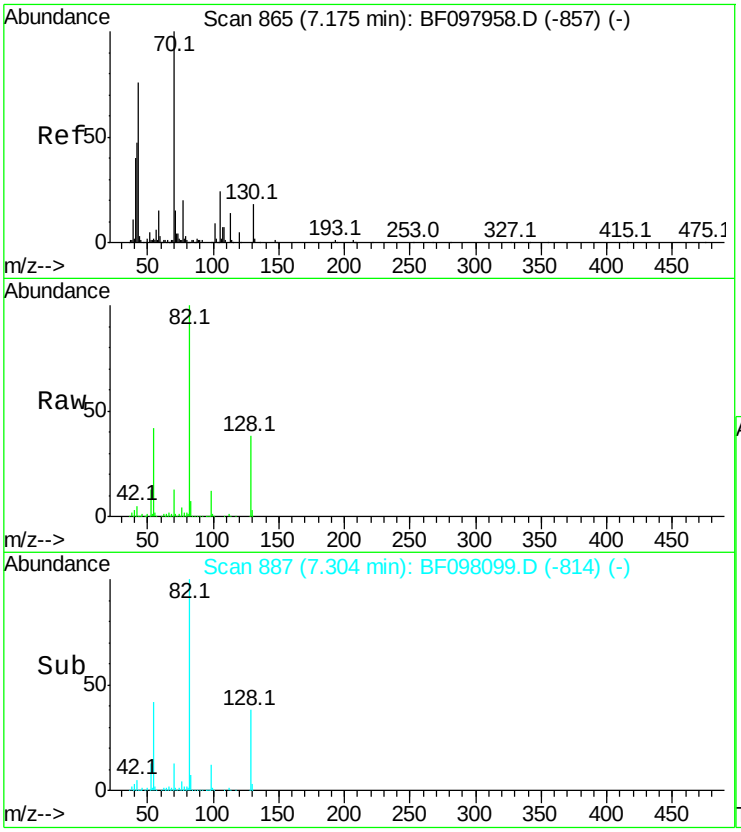


#10
Phenol
Concen: 3.966 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion: 94 Resp: 47057

Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.9	49.9
66	38.0	23.1	63.1



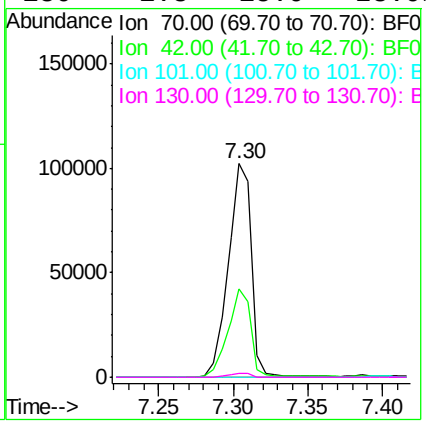


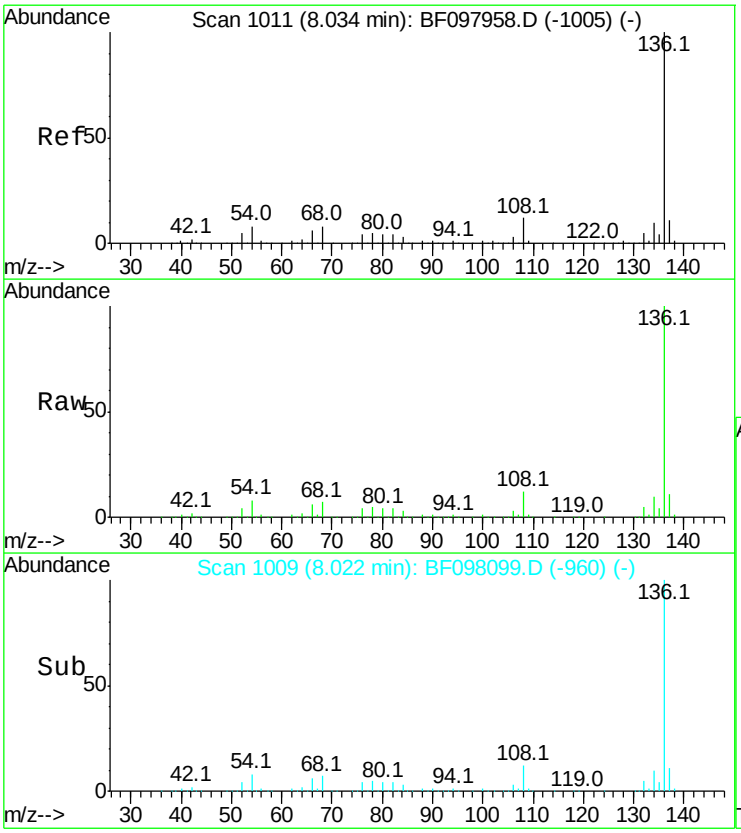
#19
n-Nitroso-di-n-propylamine
Concen: 16.056 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 111493

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

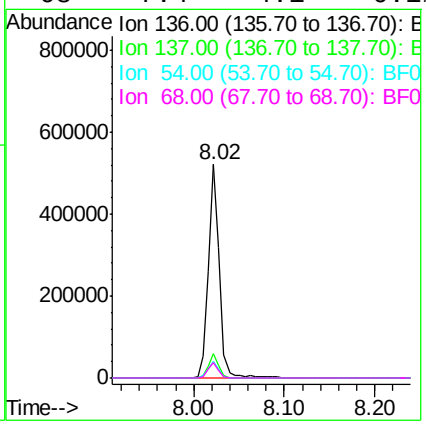


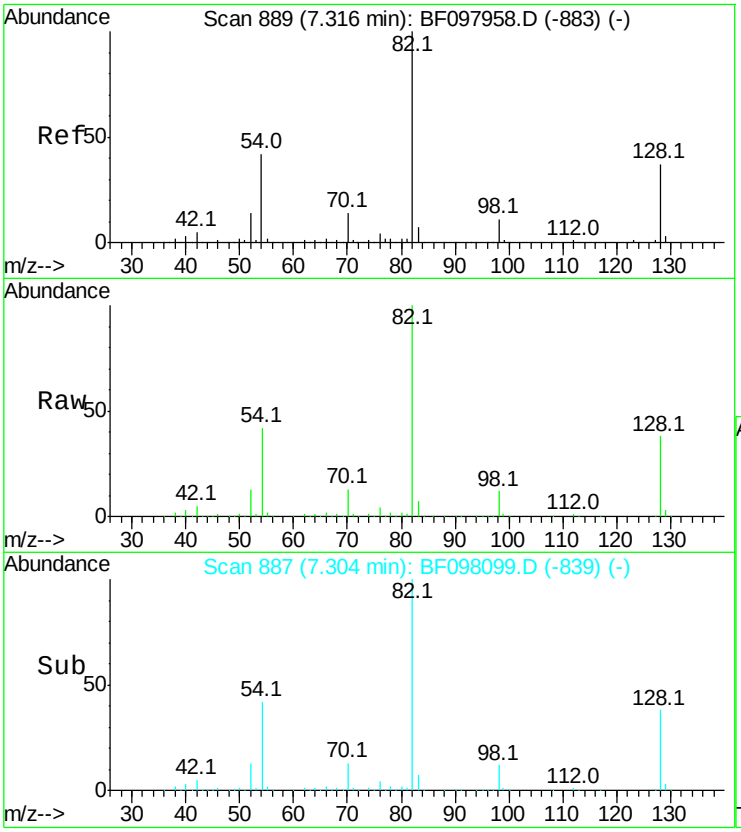


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:136 Resp: 449015

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.6	4.9	7.3#
68	7.4	4.1	6.1#



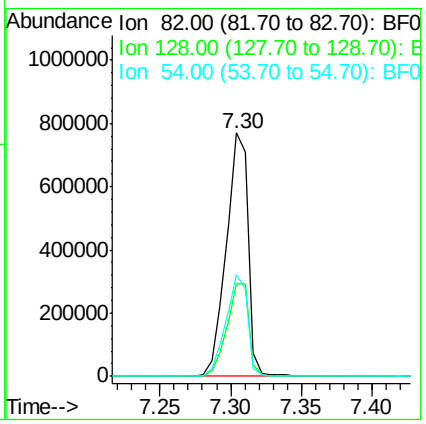


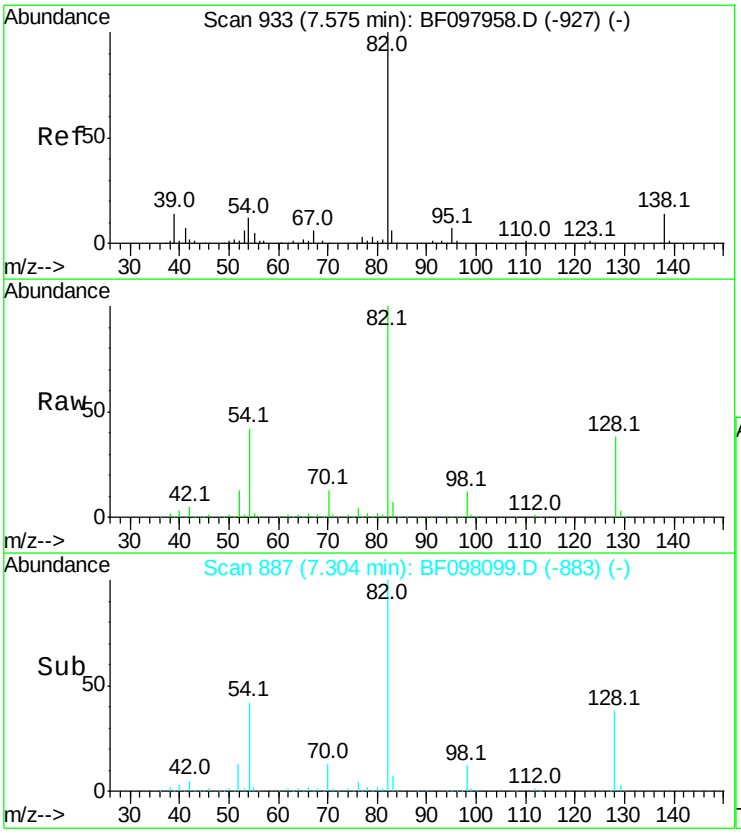
#23
Nitrobenzene-d5
Concen: 100.382 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 829698

Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.0	51.0
54	41.8	42.2	63.2#

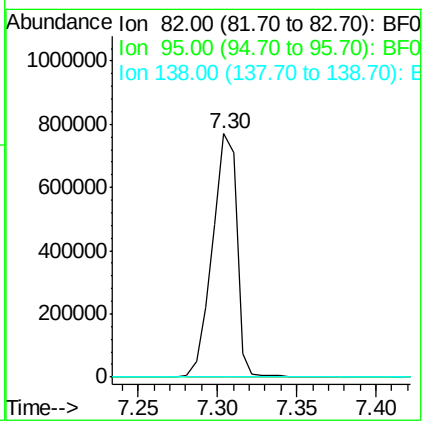


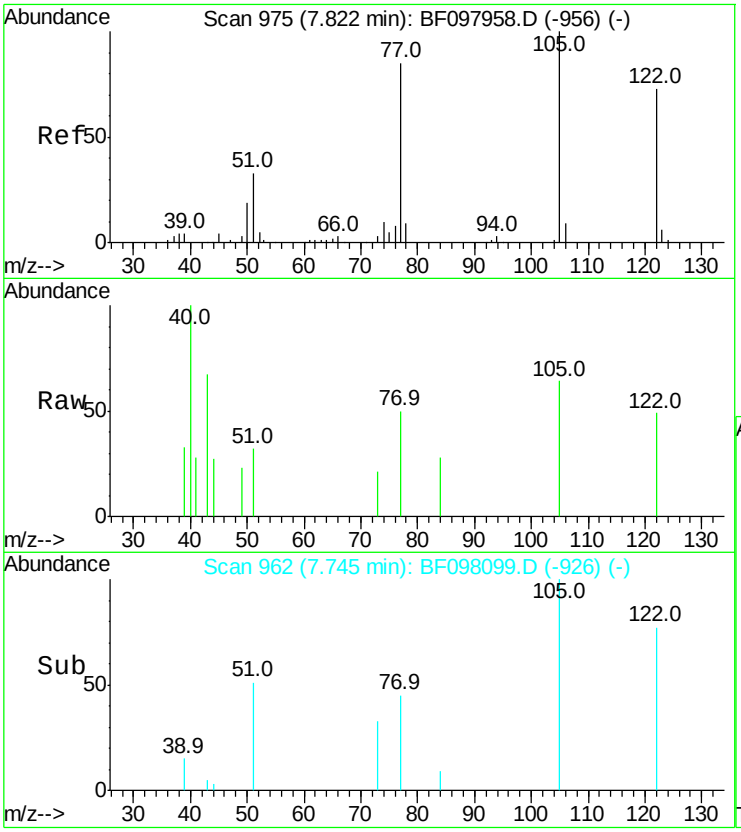


#25
Isophorone
Concen: 47.725 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion: 82 Resp: 820247

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



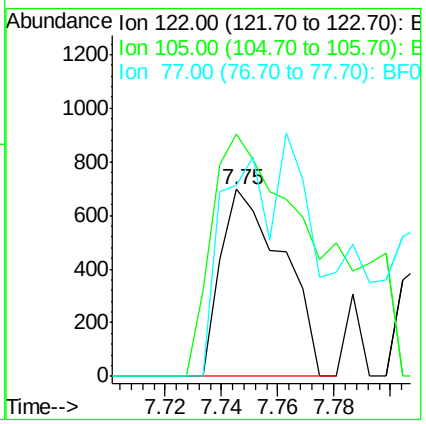


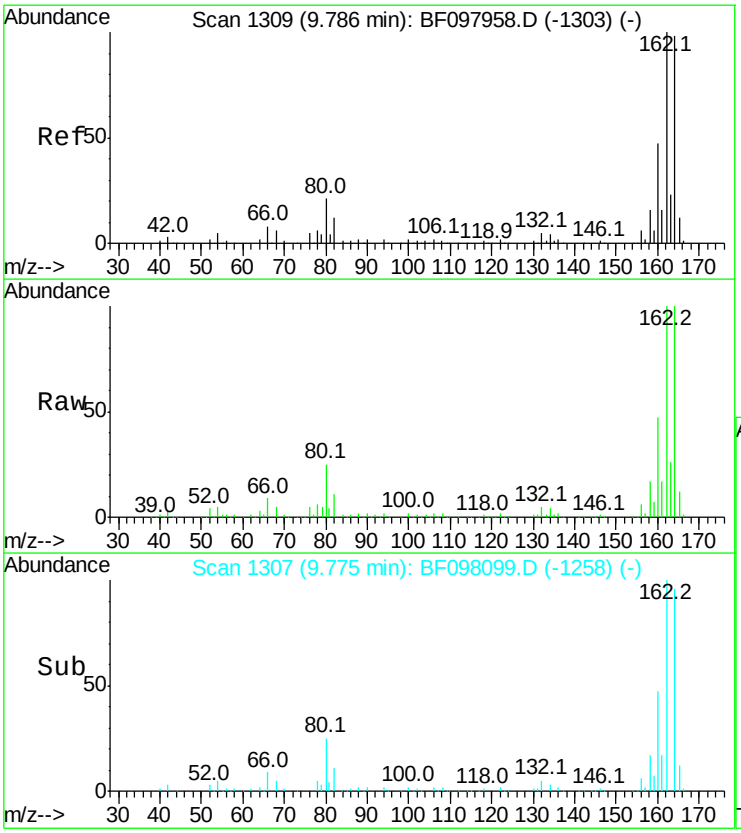
#32
Benzoic acid
Concen: 6.581 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1063

Ion	Ratio	Lower	Upper
122	100		
105	129.5	103.3	143.3
77	102.3	73.7	113.7

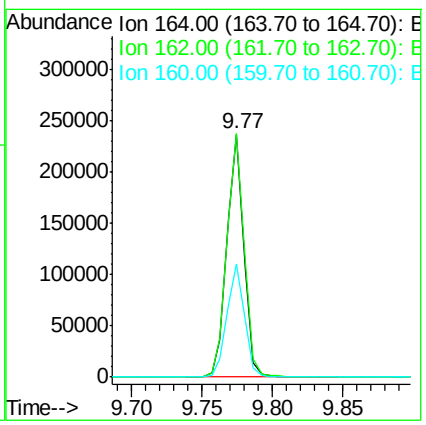


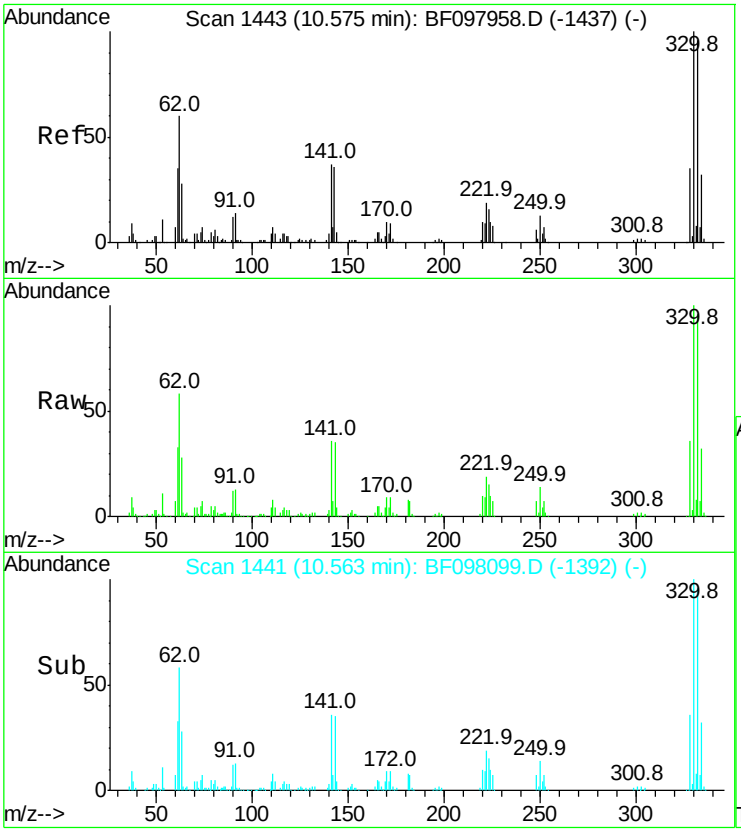


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:164 Resp: 198719

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	46.7	36.2	54.2



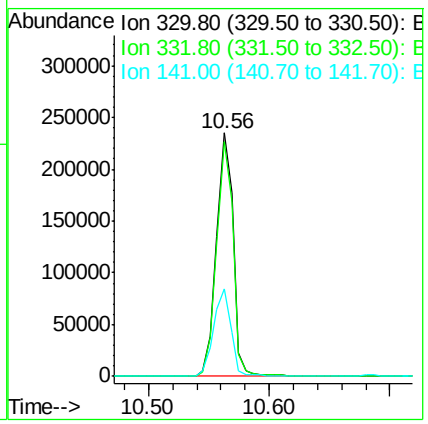


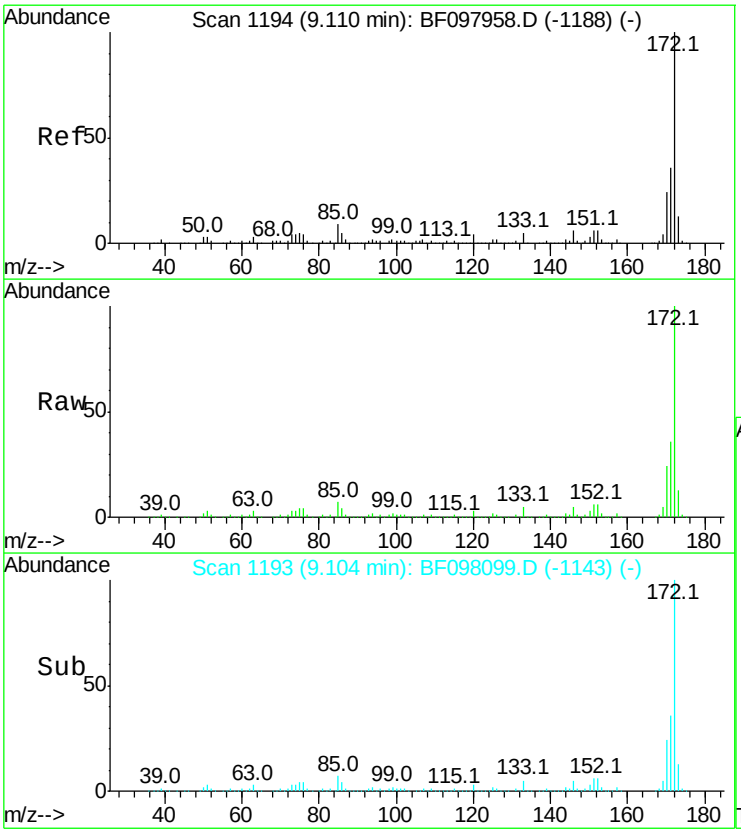
#41
2,4,6-Tribromophenol
Concen: 129.385 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 223087

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	37.8	31.4	47.2

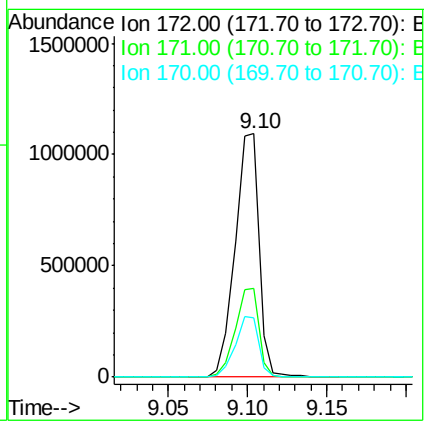


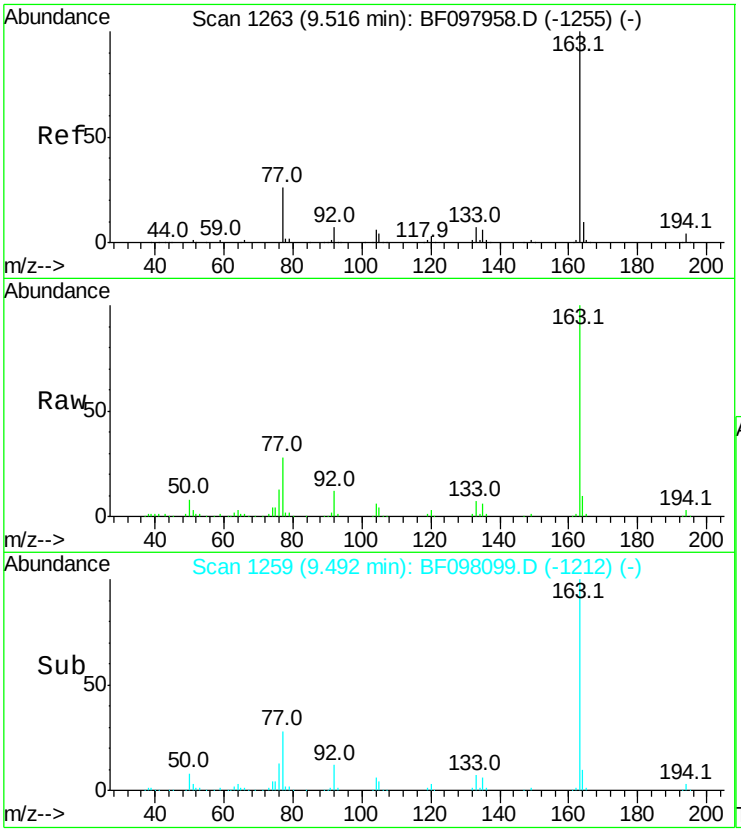


#44
2-Fluorobiphenyl
Concen: 85.143 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:172 Resp: 1151616

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8



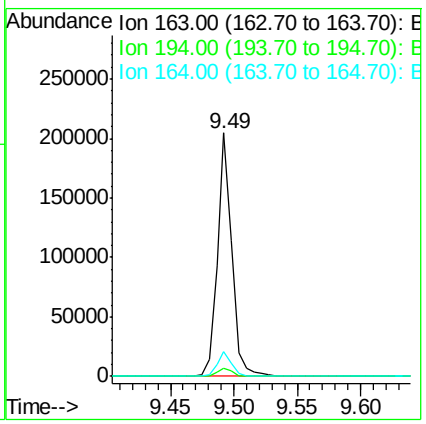


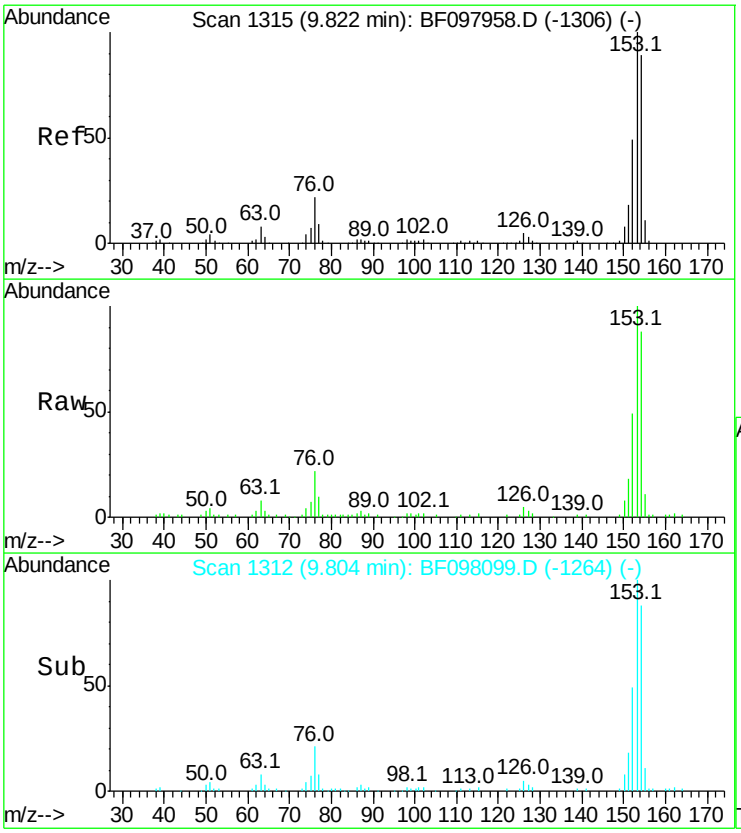
#49
Dimethylphthalate
Concen: 11.275 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 163778

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6

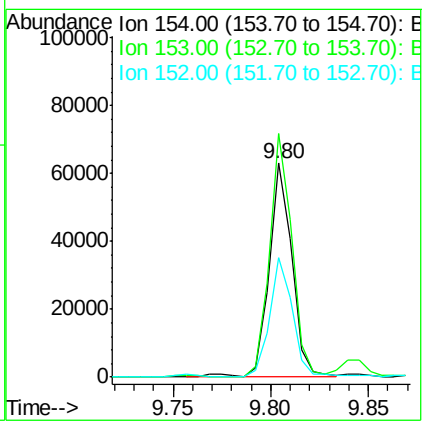


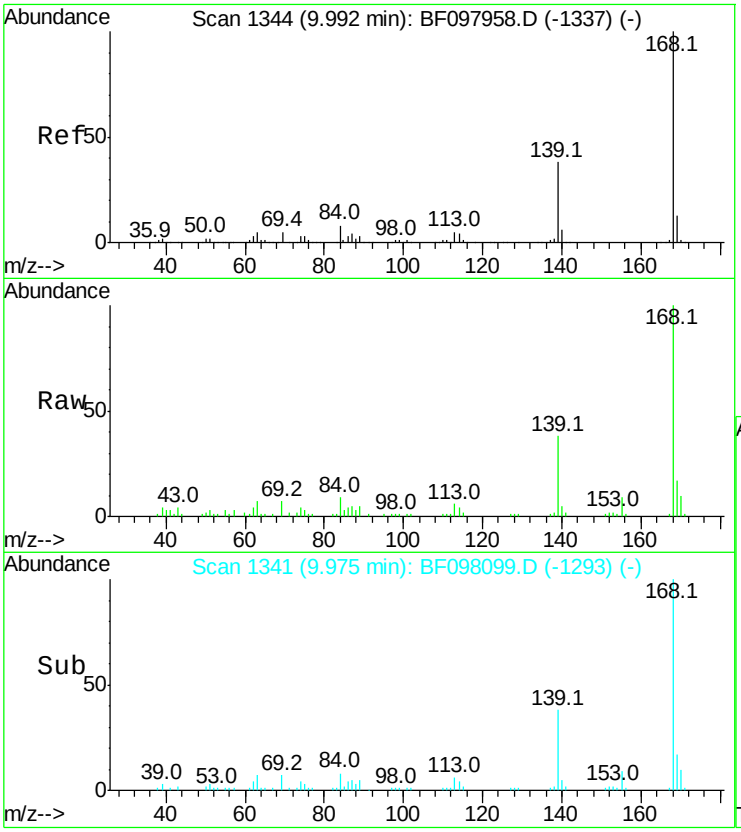


#51
Acenaphthene
Concen: 3.871 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:154 Resp: 51335

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.5	135.7
152	56.0	43.6	65.4



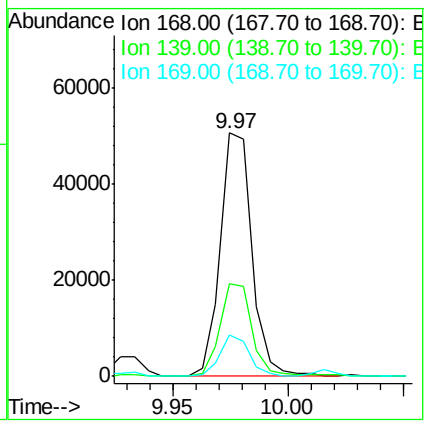


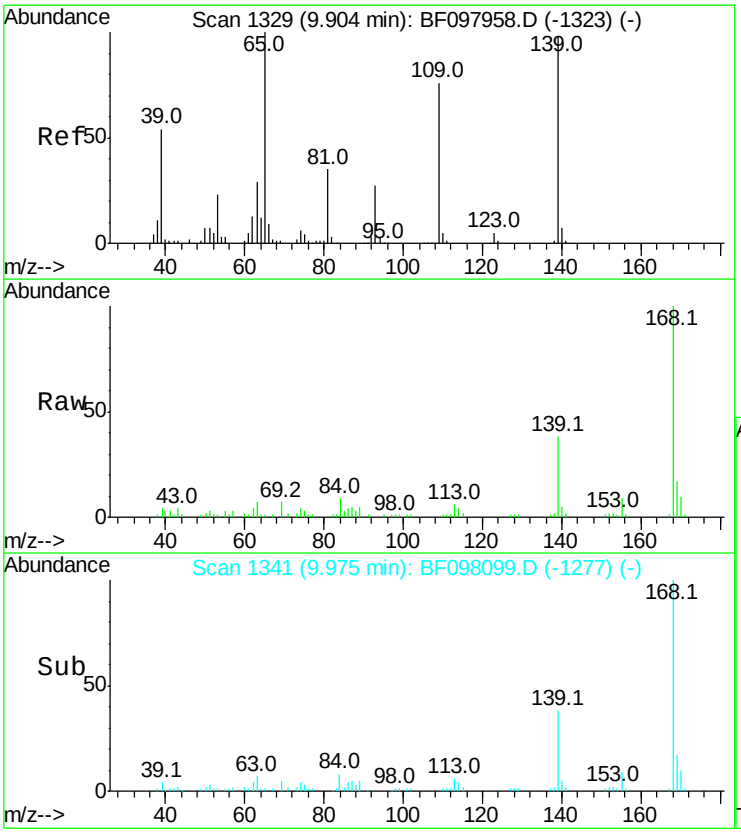
#54
Dibenzofuran
Concen: 2.705 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 48070

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.6	45.8
169	16.8	10.8	16.2#

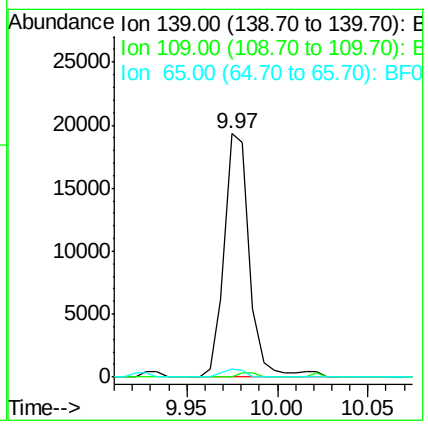


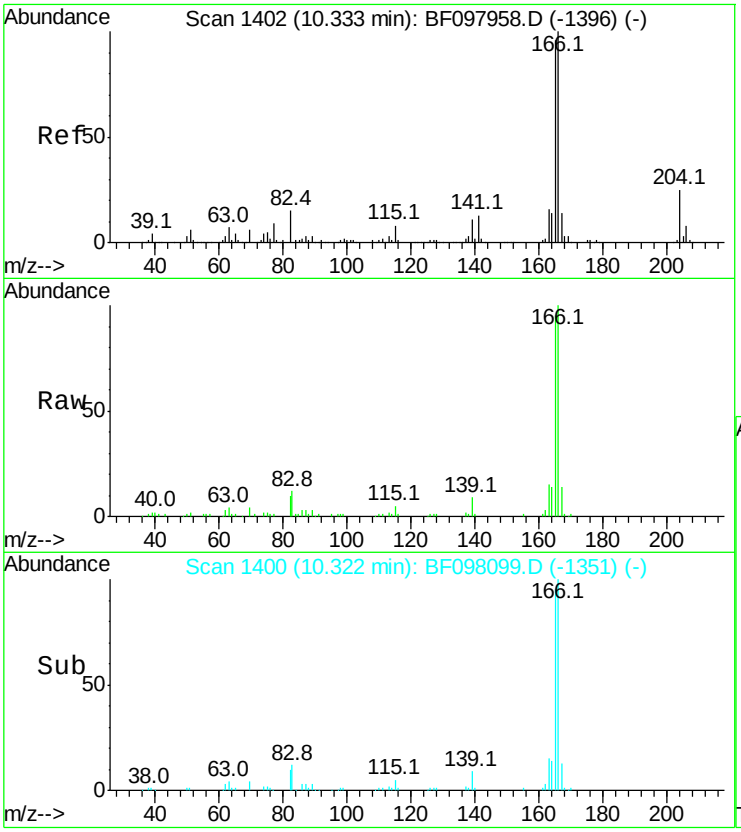


#55
4-Nitrophenol
Concen: 6.329 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.08 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:139 Resp: 18887

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	3.1	31.4	71.4#



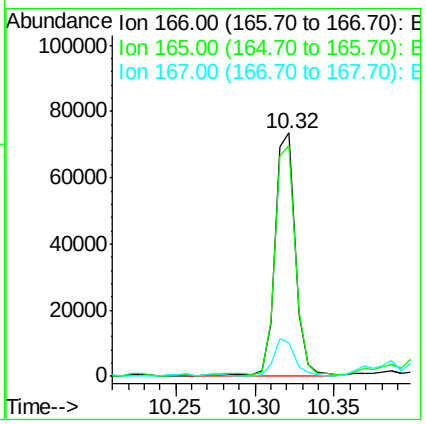


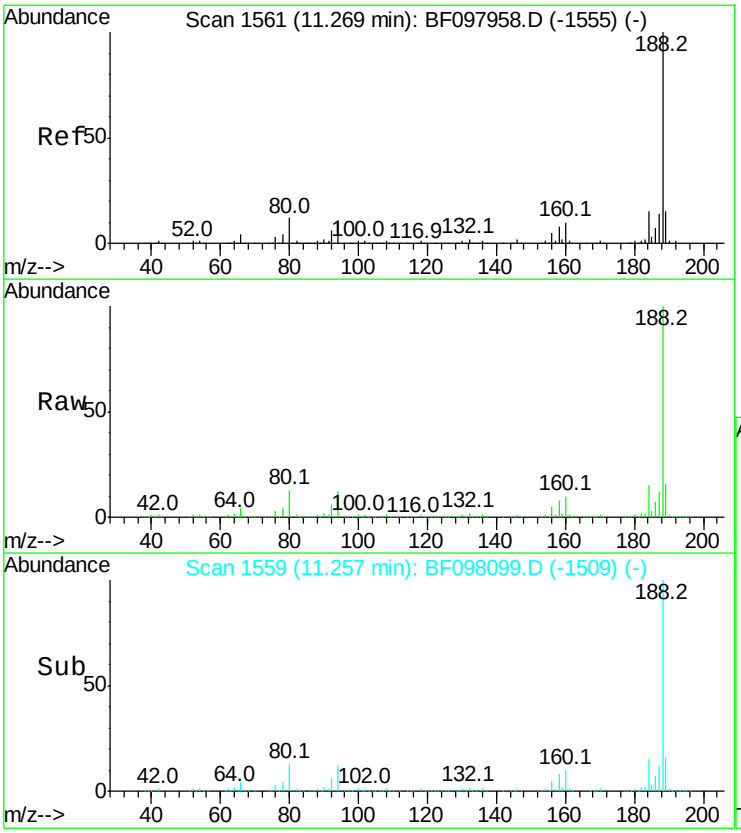
#57
Fluorene
Concen: 4.836 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 66456

Ion	Ratio	Lower	Upper
166	100		
165	94.8	78.8	118.2
167	13.6	10.6	16.0

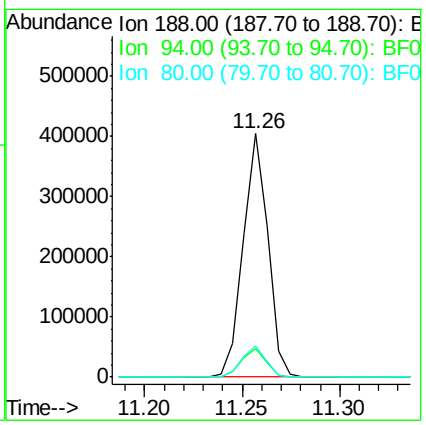


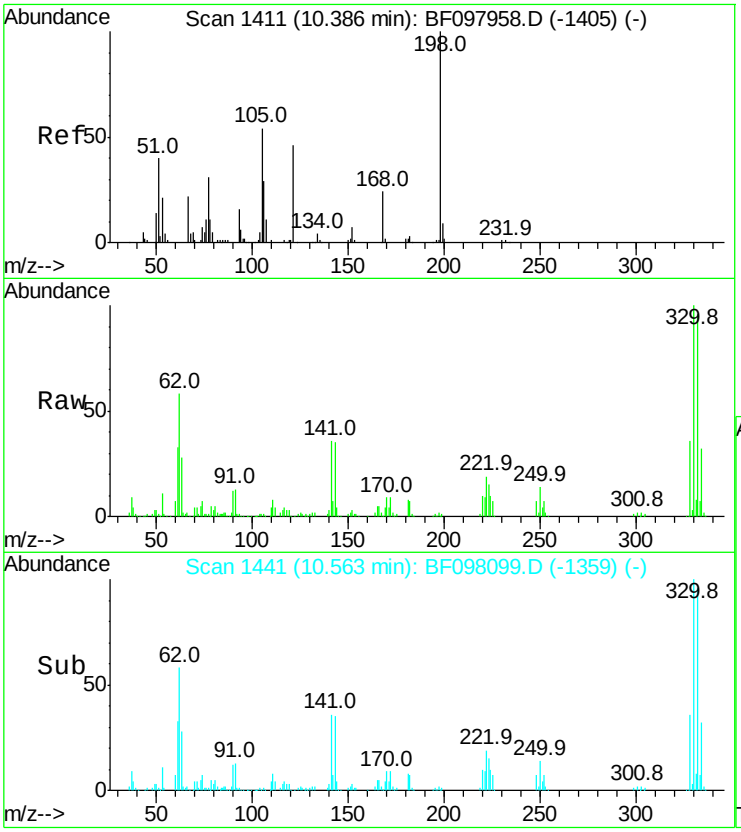


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:188 Resp: 356551

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.7	10.2	15.2



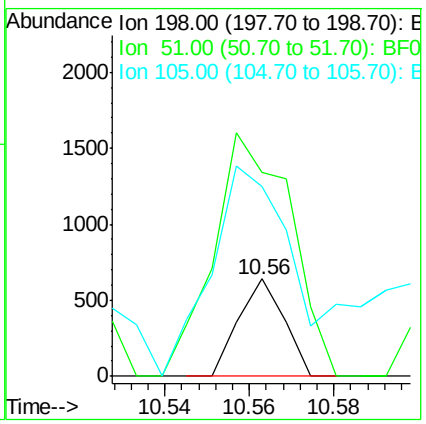


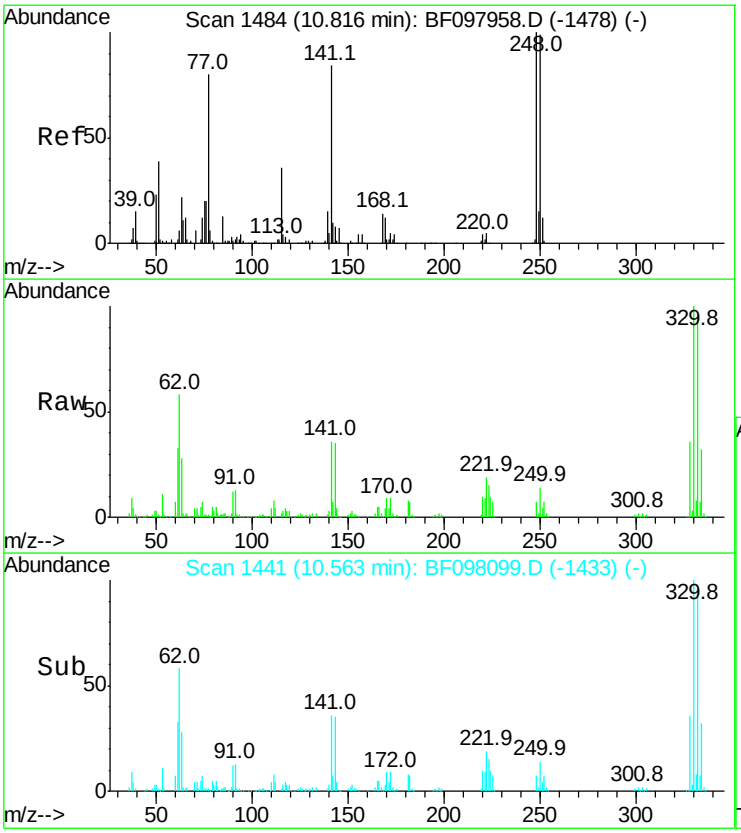
#64
4,6-Dinitro-2-methylphenol
Concen: 8.556 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 479

Ion	Ratio	Lower	Upper
198	100		
51	210.0	53.2	93.2#
105	194.5	45.8	85.8#

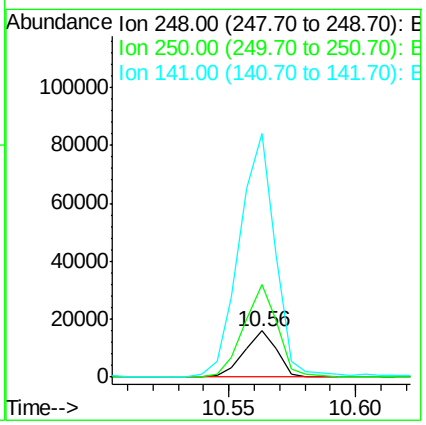


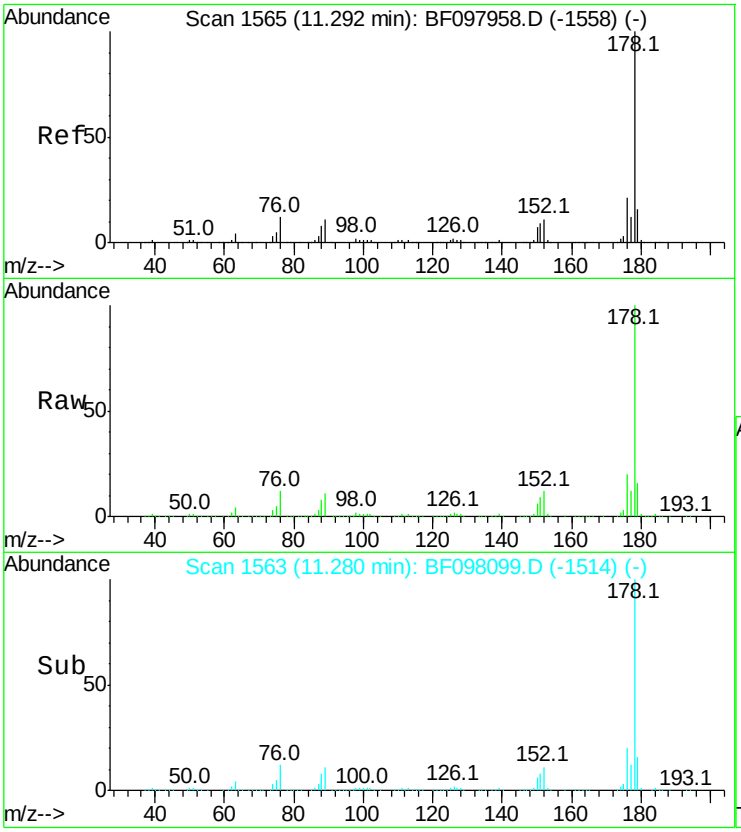


#66
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:248 Resp: 14378

Ion	Ratio	Lower	Upper
248	100		
250	199.0	76.8	115.2#
141	526.3	68.6	103.0#



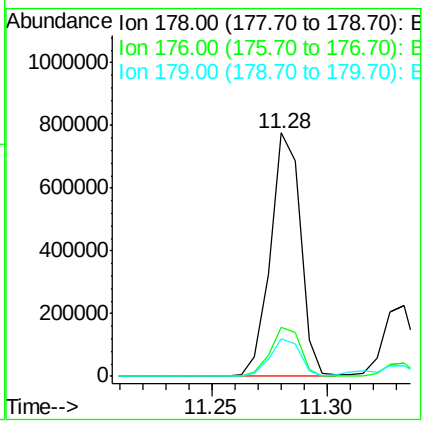


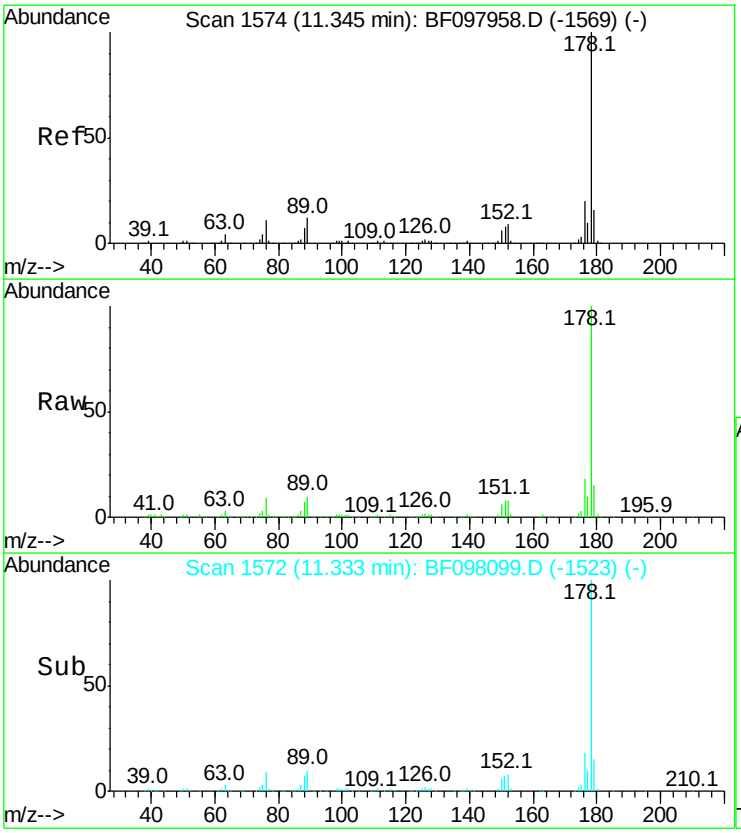
#70
Phenanthrene
Concen: 36.933 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 701715

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.6	12.6	19.0

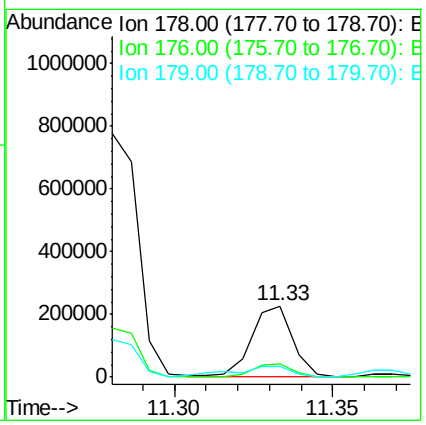


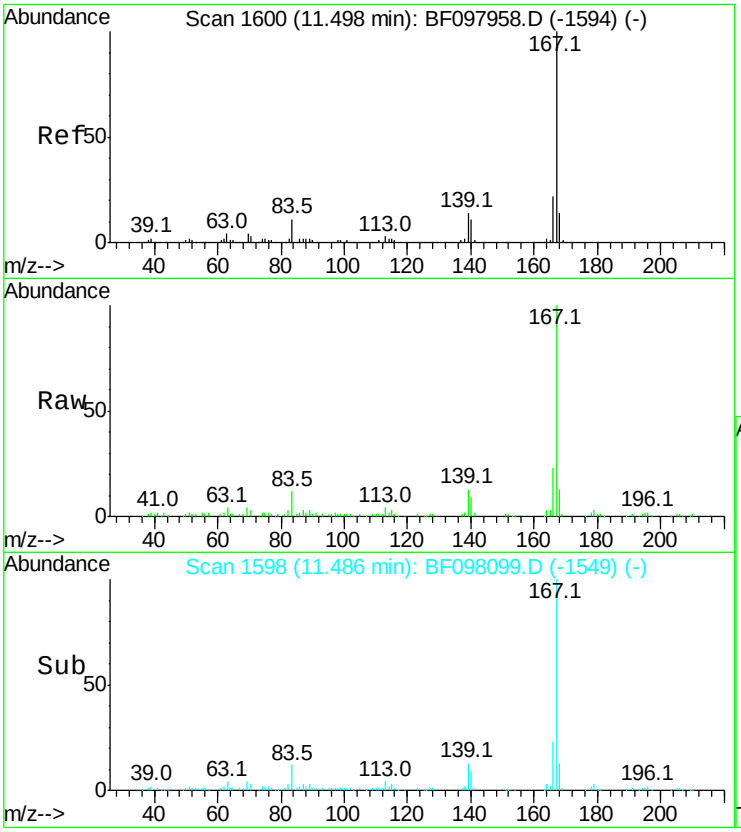


#71
Anthracene
Concen: 10.458 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:178 Resp: 201526

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.3	12.7	19.1



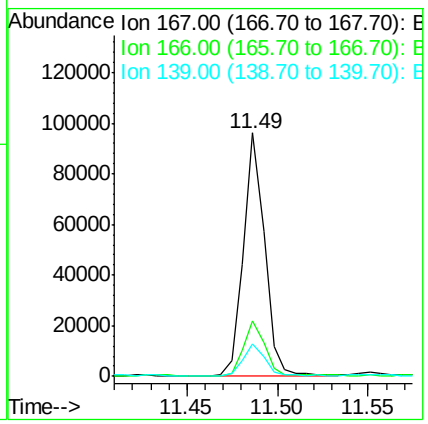


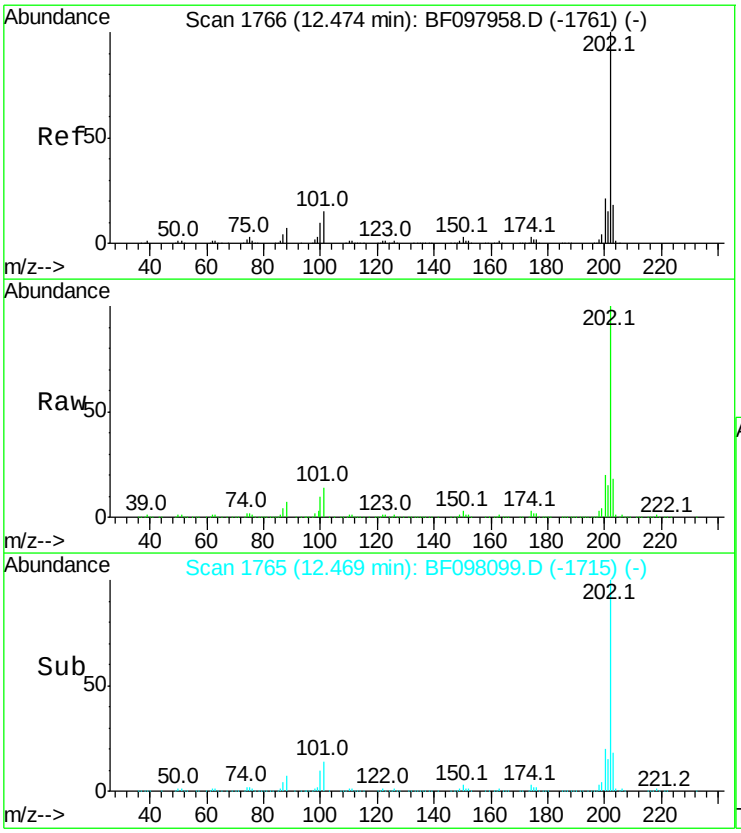
#72
Carbazole
Concen: 4.330 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 79208

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	13.1	11.7	17.5

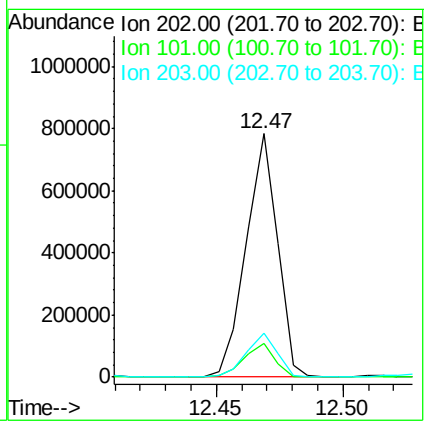


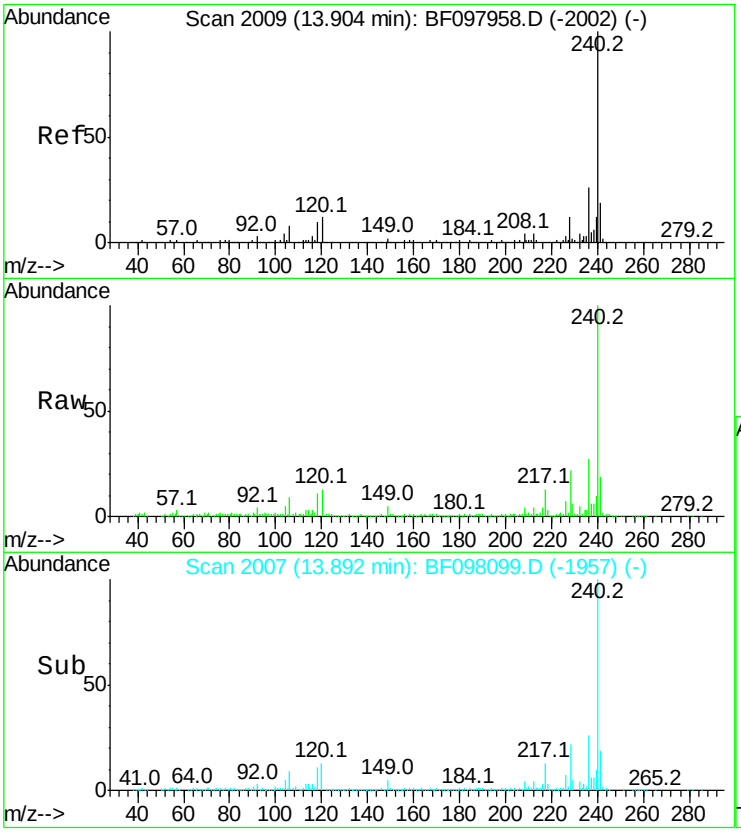


#74
Fluoranthene
Concen: 33.985 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:202 Resp: 673969

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1



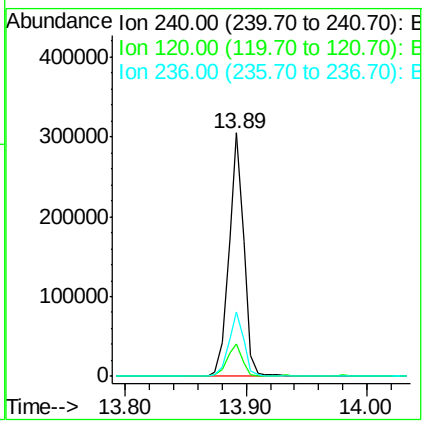


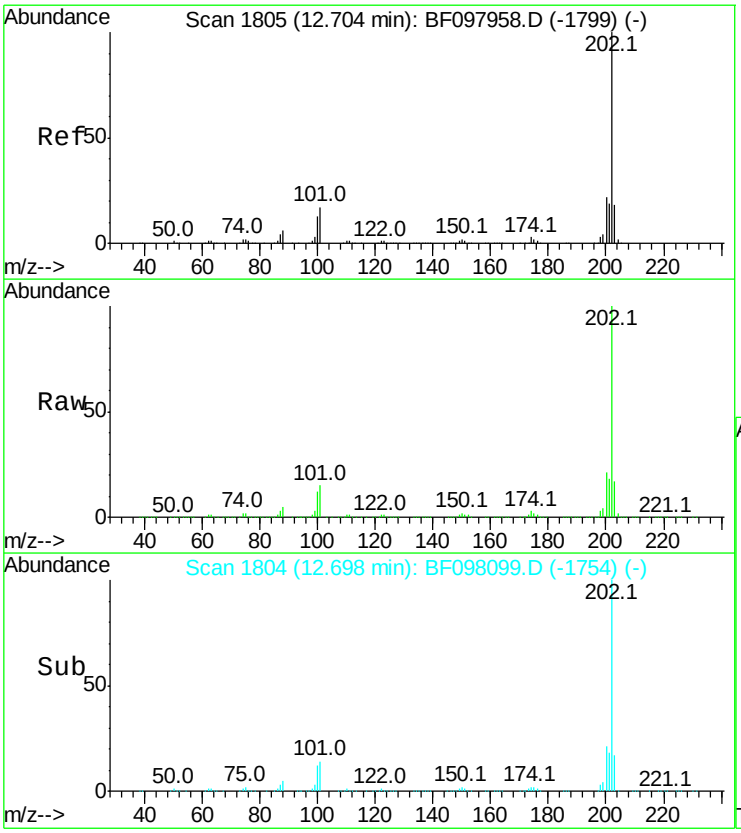
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 257724

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	26.5	20.5	30.7

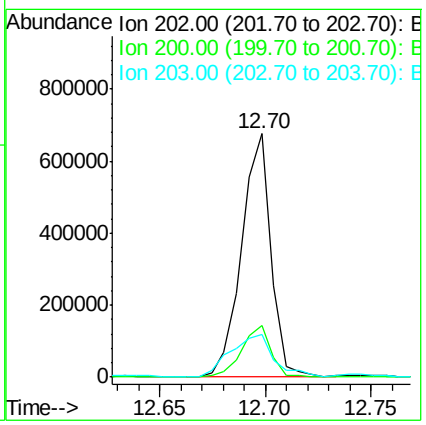


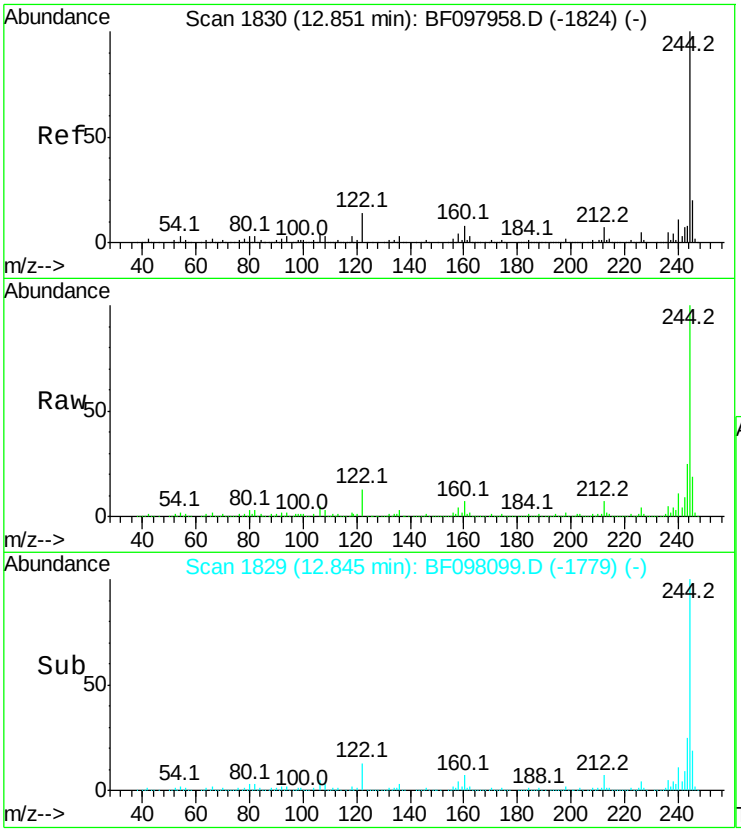


#77
Pyrene
Concen: 30.983 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:202 Resp: 653077

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.5	14.4	21.6



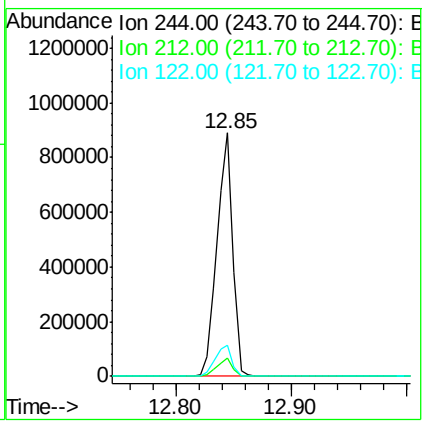


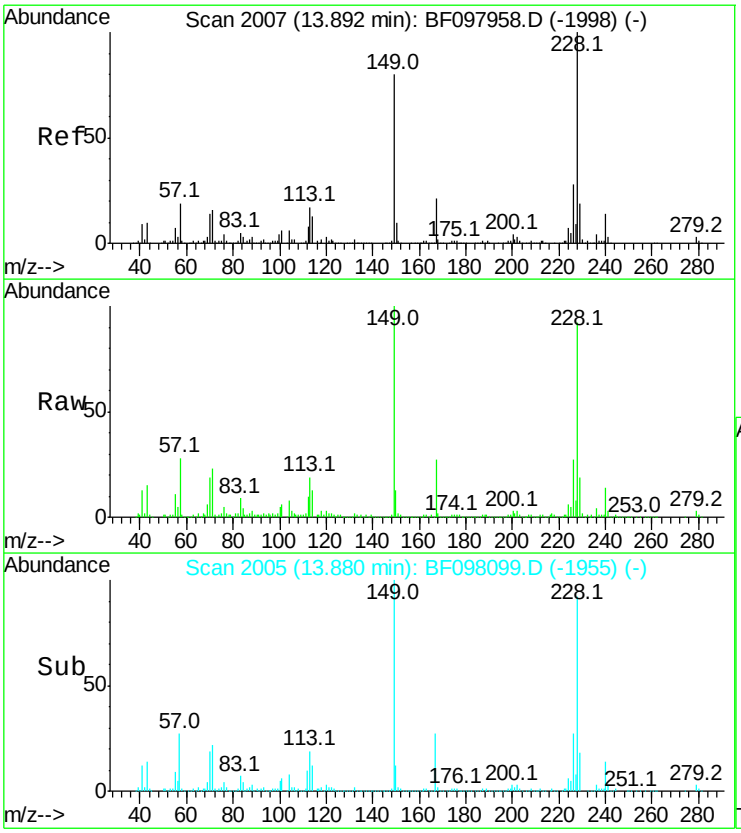
#78
Terphenyl-d14
Concen: 68.122 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 841913

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.9	10.3	15.5

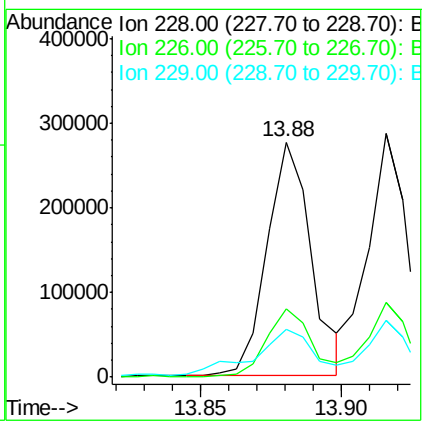


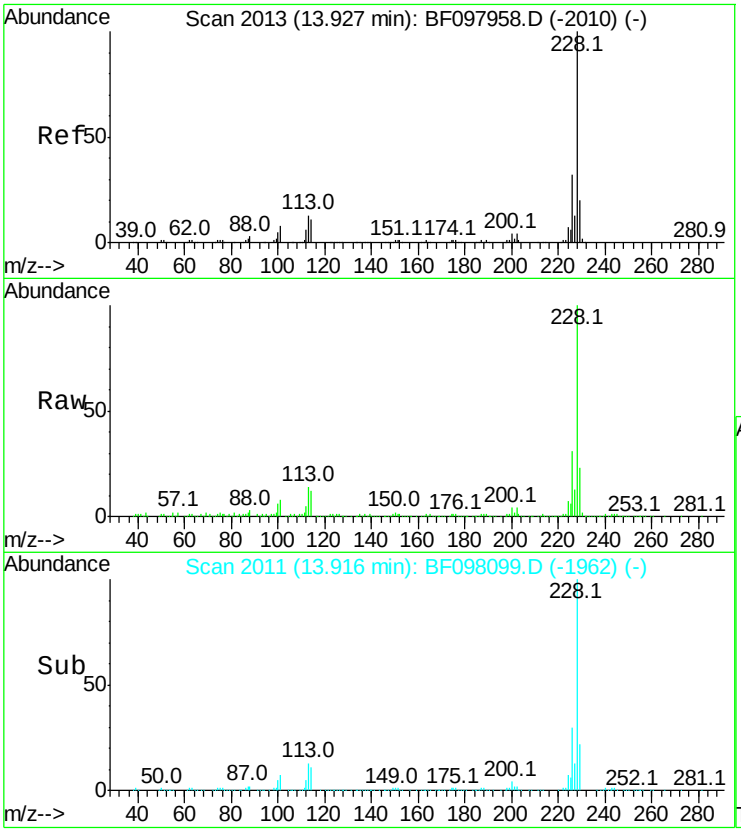


#80
Benzo(a)anthracene
Concen: 19.386 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:228 Resp: 299445

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.3	16.3	24.5



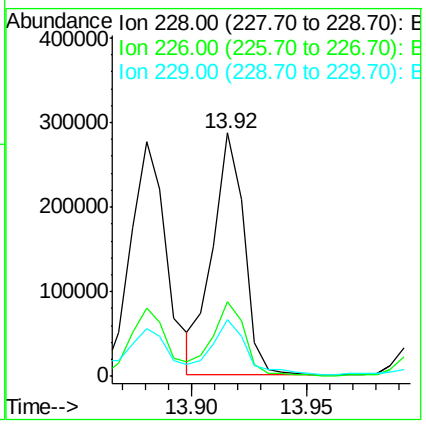


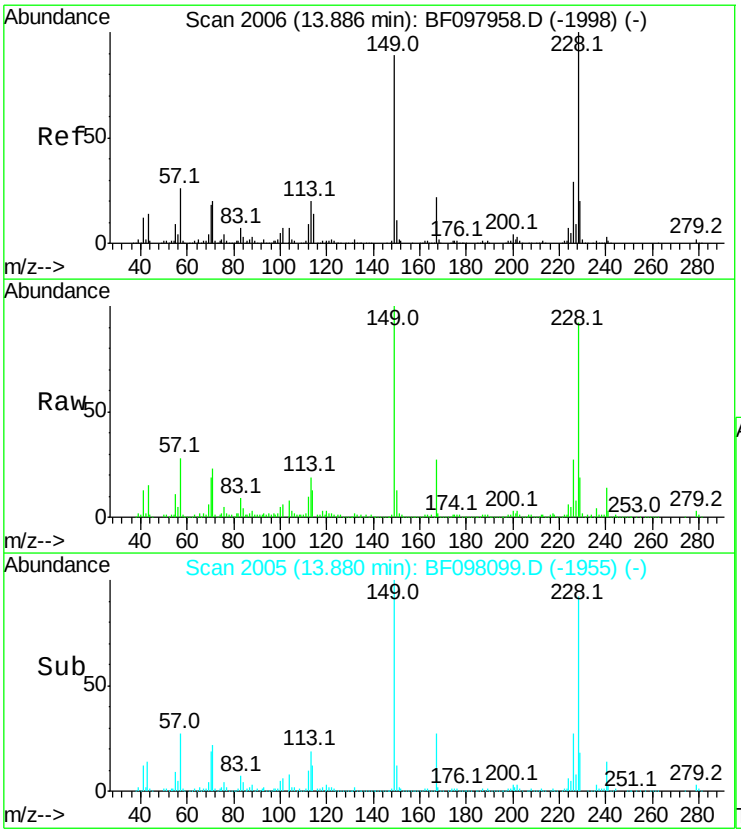
#82
Chrysene
Concen: 17.721 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 272301

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	23.1	15.8	23.6

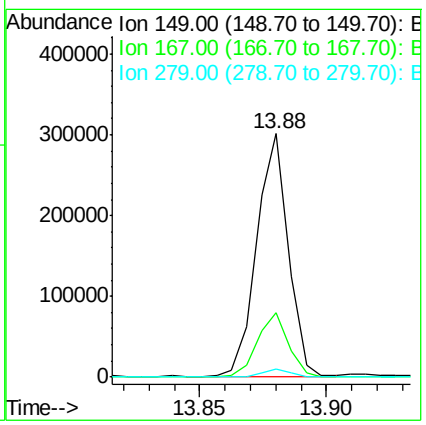


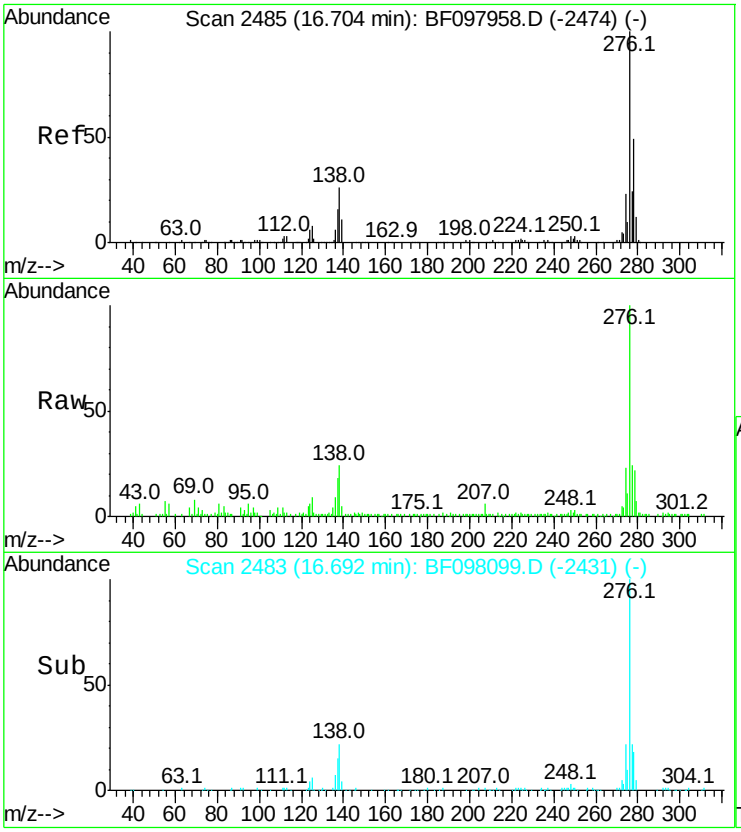


#83
Bis(2-ethylhexyl)phthalate
Concen: 28.926 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:149 Resp: 259041

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	3.2	1.9	2.9#



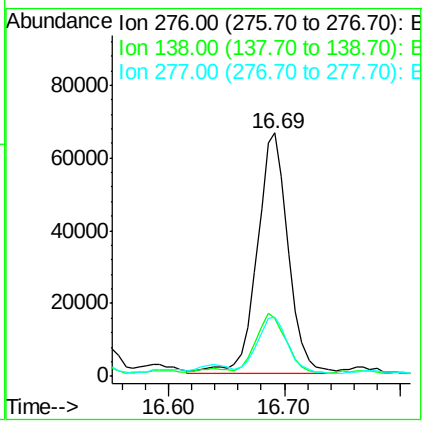


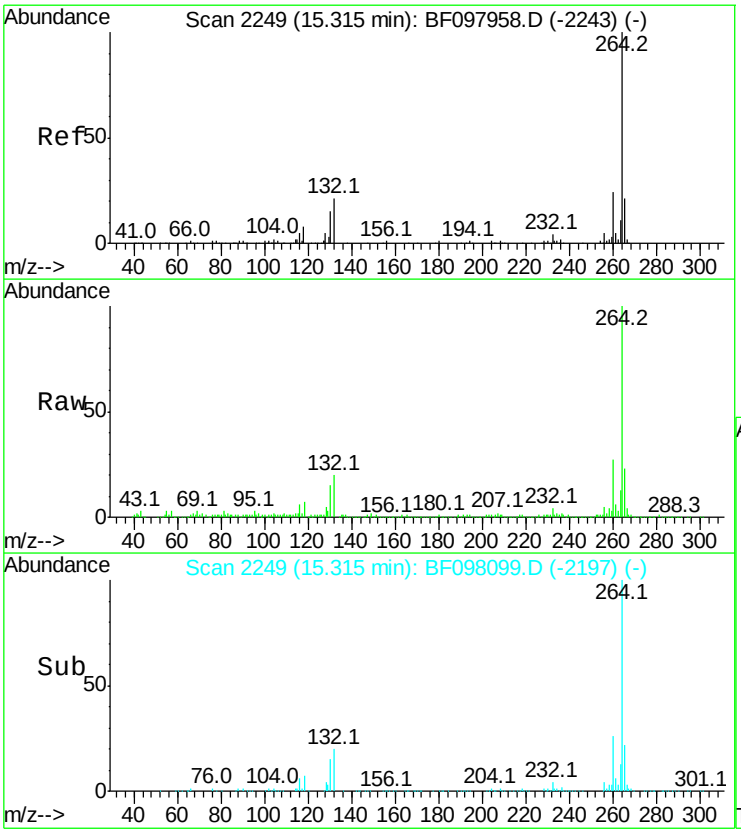
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.981 ng
RT: 16.69 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 124123

Ion	Ratio	Lower	Upper
276	100		
138	23.8	27.8	41.6#
277	23.2	20.2	30.4

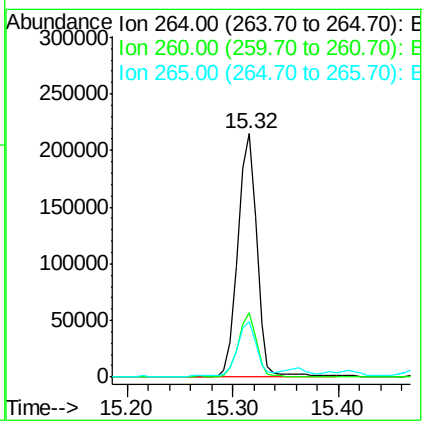


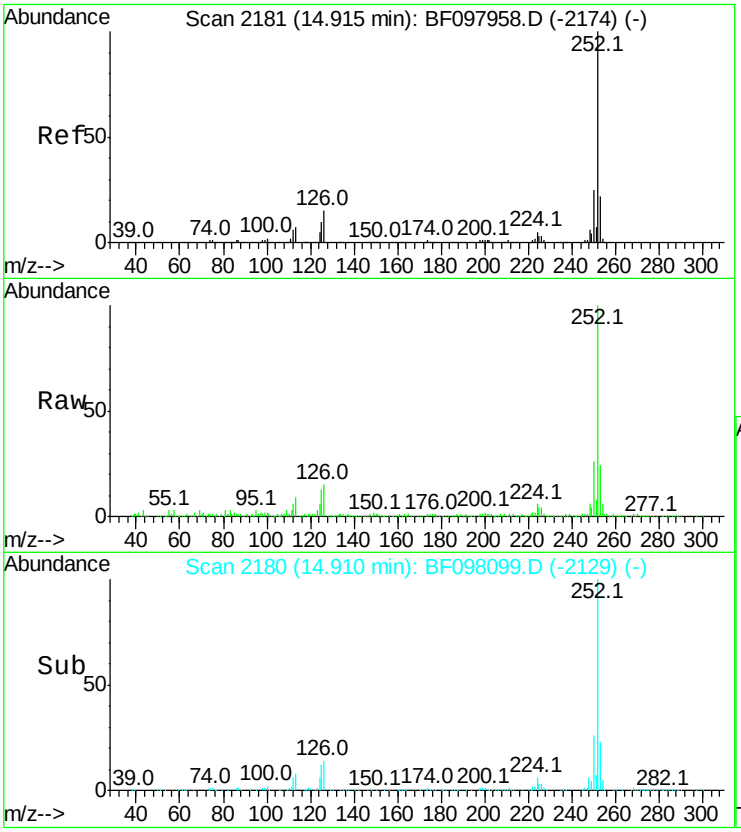


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:264 Resp: 267479

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.5	29.3
265	22.7	17.2	25.8



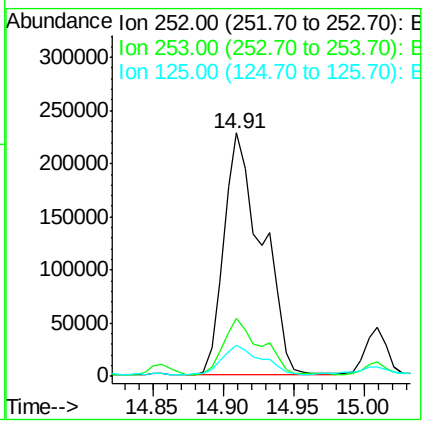


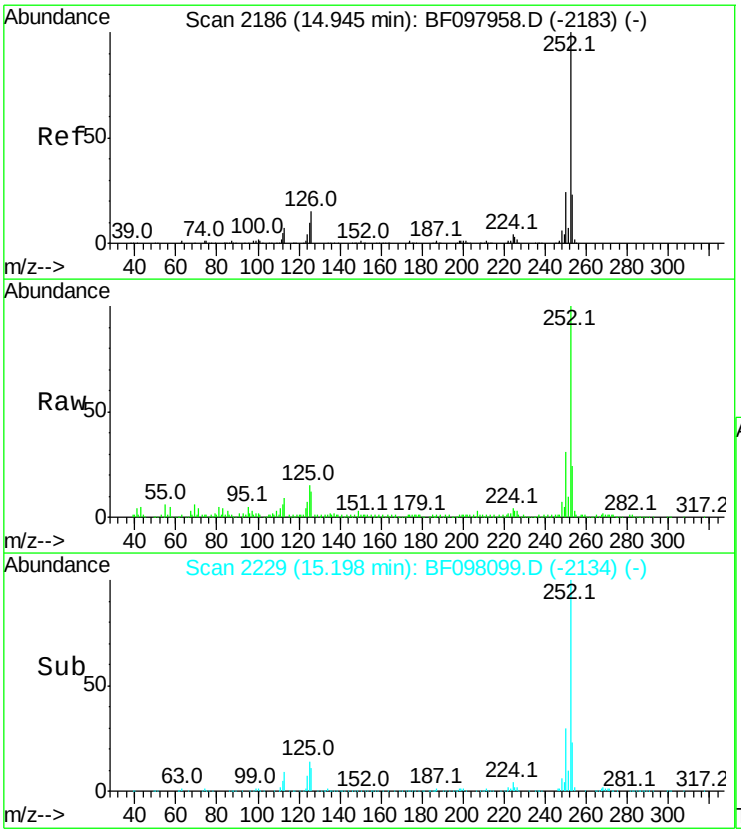
#87
Benzo(b)fluoranthene
Concen: 25.467 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 429377

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	12.6	9.8	14.8

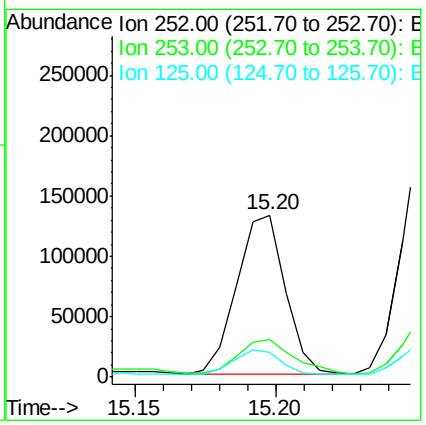


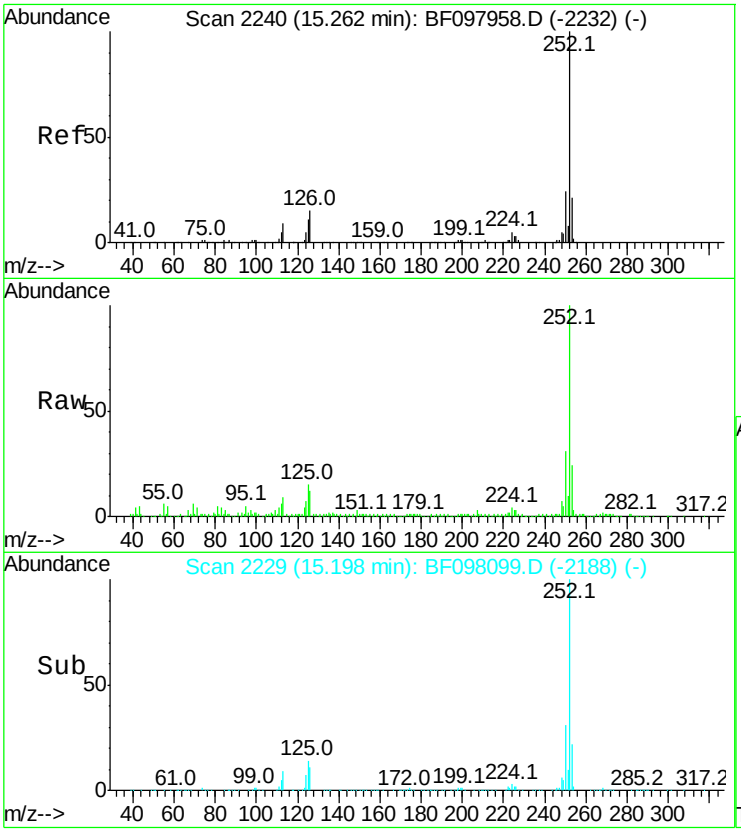


#88
Benzo(k)fluoranthene
Concen: 9.922 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.26 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:252 Resp: 157169

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	15.2	13.1	19.7



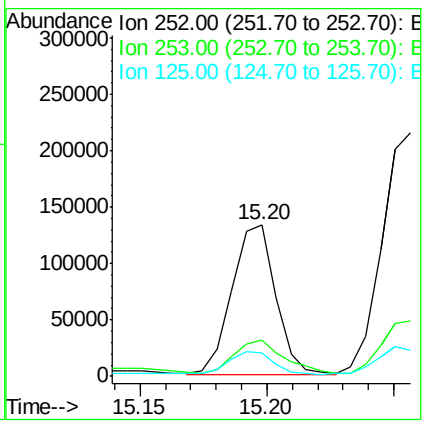


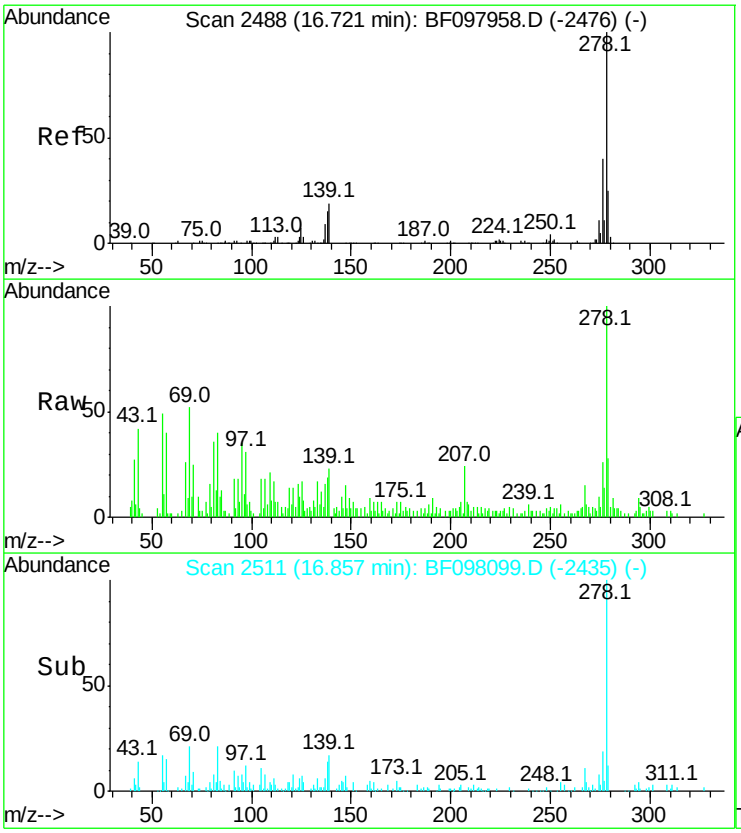
#89
Benzo(a)pyrene
Concen: 10.759 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.06 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 160593

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	15.2	11.0	16.4

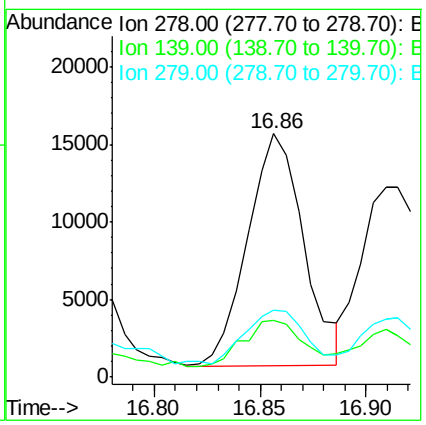


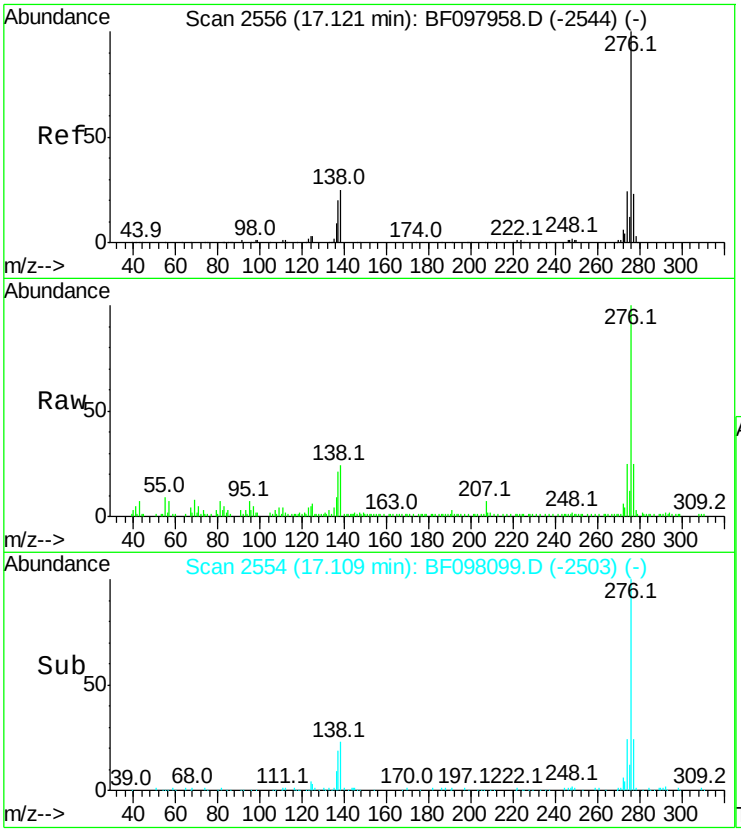


#90
Dibenzo(a,h)anthracene
Concen: 2.281 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.15 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Tgt Ion:278 Resp: 27717

Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	27.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 8.884 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BF098099.D
Acq: 29 Aug 2017 7:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 112636

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	24.5	25.4	38.0#