Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098219.D
Acq On : 1 Sep 2017 11:51
Operator : SJ/JU
Sample : I5024-10 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-082917-D

Quant Time: Sep 01 13:00:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121150	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	476112	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	198332	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	307051	20.00	ng		0.00
75) Chrysene-d12	13.87	240	228901	20.00	ng		0.00
86) Perylene-d12	15.29	264	244020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	214830	26.97	ng		0.00
7) Phenol-d6	6.36	99	290237	26.82	ng		-0.01
23) Nitrobenzene-d5	7.28	82	173136	19.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	39152	22.75	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	280243	20.76	ng		0.00
78) Terphenyl-d14	12.82	244	158892	14.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	22137	2.988	ng	#	72
25) Isophorone	7.28	82	169247	9.287	ng	#	67
31) Naphthalene	8.02	128	140396	5.680	ng		99
32) Benzoic acid	7.80	122	2342	6.771	ng	#	16
37) 2-Methylnaphthalene	8.72	142	50777	3.351	ng		96
48) Acenaphthylene	9.62	152	56262	2.681	ng		99
49) Dimethylphthalate	9.47	163	43982	3.034	ng		98
50) 2,6-Dinitrotoluene	9.75	165	27662	9.559	ng	#	34
51) Acenaphthene	9.79	154	70395	5.319	ng		98
54) Dibenzofuran	9.96	168	121872	6.871	ng		98
55) 4-Nitrophenol	9.96	139	47226	15.856	ng	#	28
57) Fluorene	10.30	166	180726	13.178	ng		98
70) Phenanthrene	11.26	178	963452	58.884	ng		99
71) Anthracene	11.31	178	253598	15.281	ng		99
72) Carbazole	11.47	167	145242	9.220	ng		96
74) Fluoranthene	12.45	202	843447	49.388	ng		98
77) Pyrene	12.67	202	686384	36.663	ng		98
80) Benzo(a)anthracene	13.86	228	350058	25.516	ng		98
82) Chrysene	13.90	228	306806	22.481	ng		98
85) Indeno(1,2,3-cd)pyrene	16.50	276	25928	2.583	ng		96
87) Benzo(b)fluoranthene	14.89	252	503313	32.722	ng		97
88) Benzo(k)fluoranthene	14.89	252	503313	34.829	ng		96
89) Benzo(a)pyrene	15.23	252	285157	20.942	ng		98
90) Dibenzo(a,h)anthracene	16.48	278	28004	2.526	ng		93
91) Benzo(g,h,i)perylene	17.07	276	116916	10.108	ng	#	91

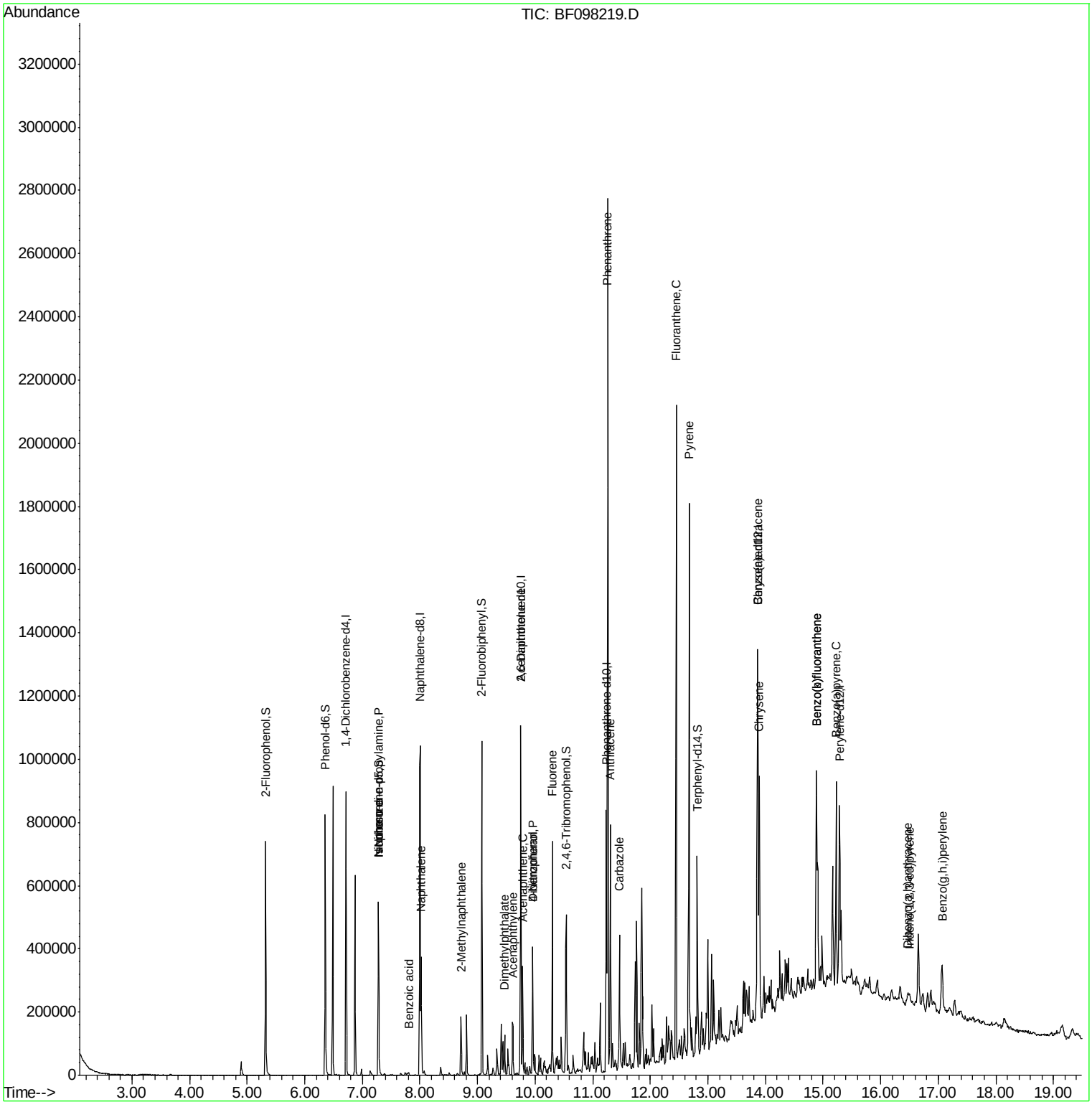
(#) = qualifier out of range (m) = manual integration (+) = signals summed

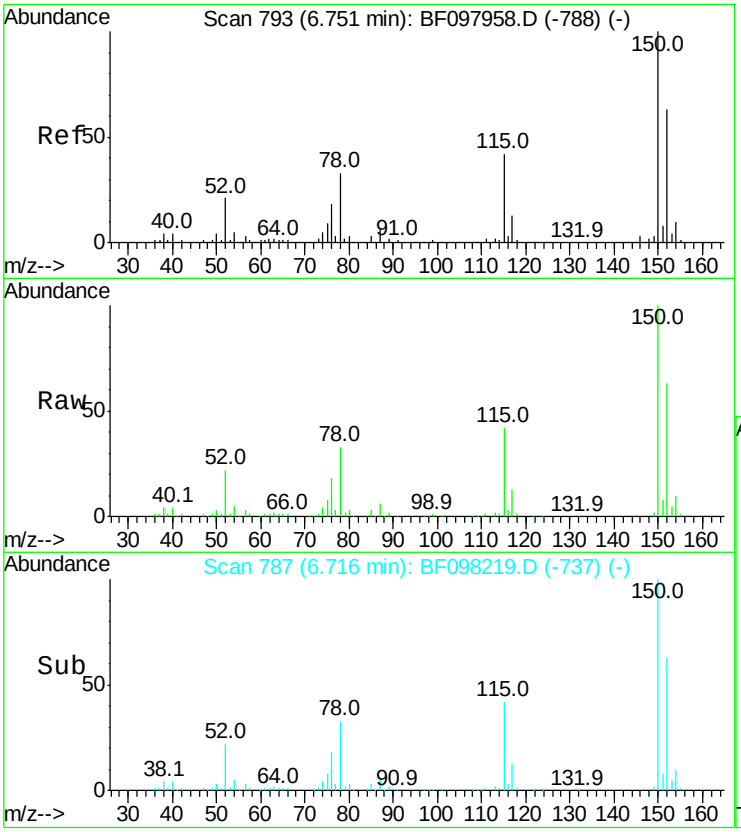
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098219.D
Acq On : 1 Sep 2017 11:51
Operator : SJ/JU
Sample : I5024-10 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Quant Time: Sep 01 13:00:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration



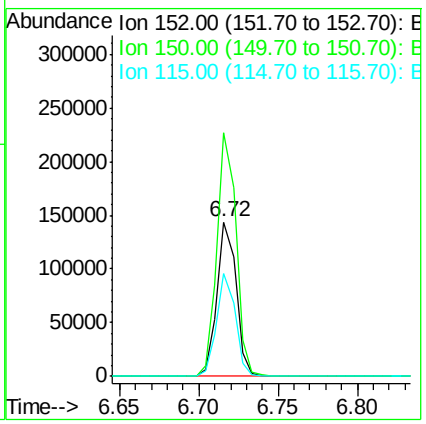


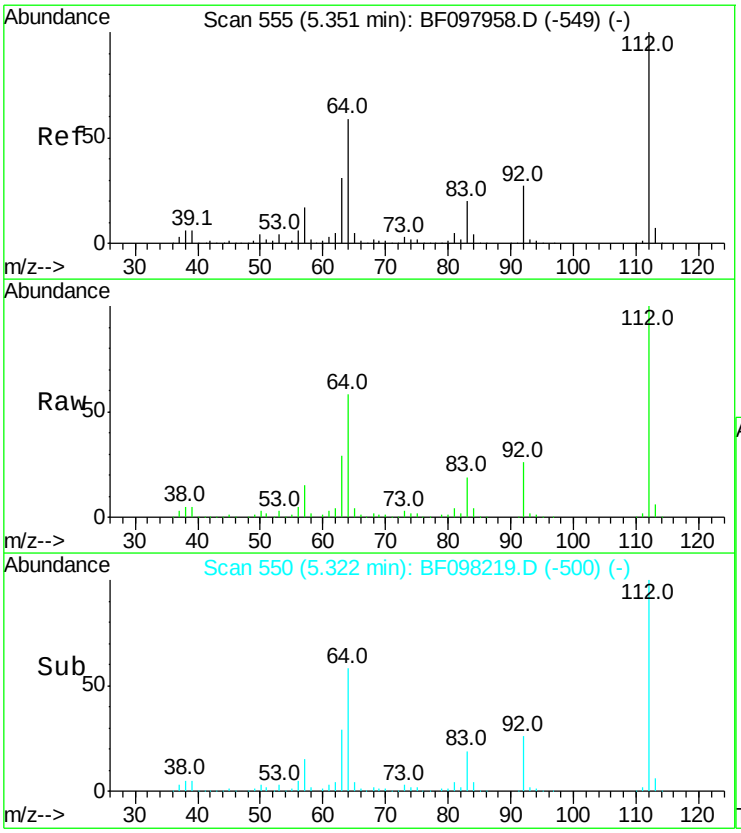
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:152 Resp: 121150

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	67.0	52.2	78.2

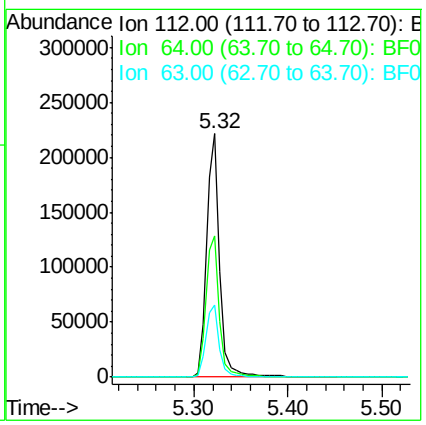


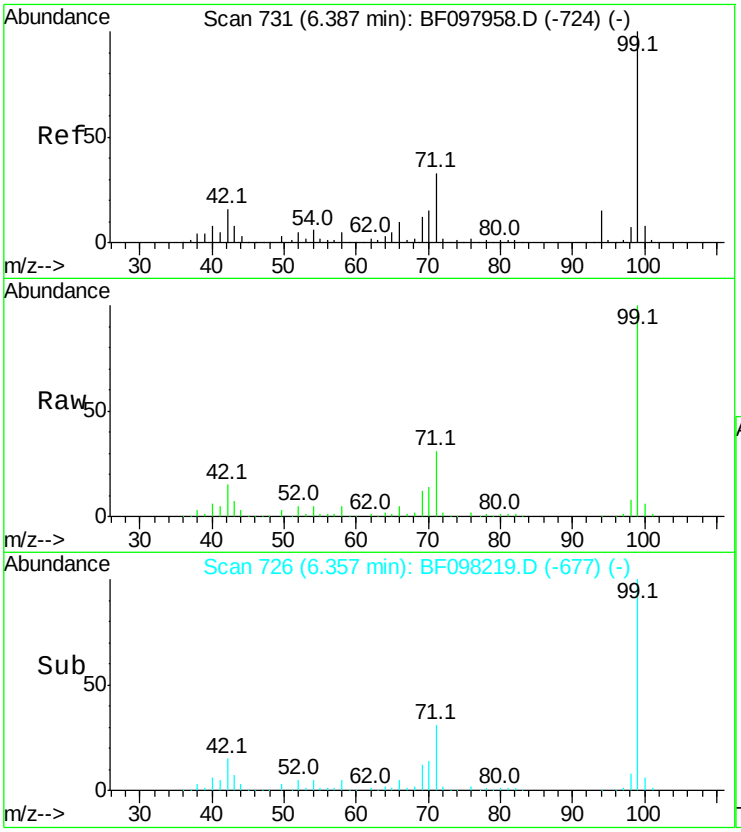


#5
2-Fluorophenol
Concen: 26.973 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:112 Resp: 214830

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	29.5	23.4	35.0



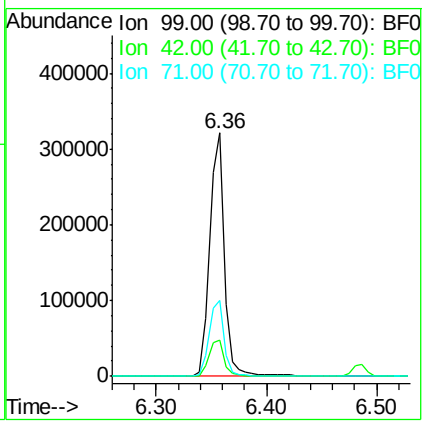


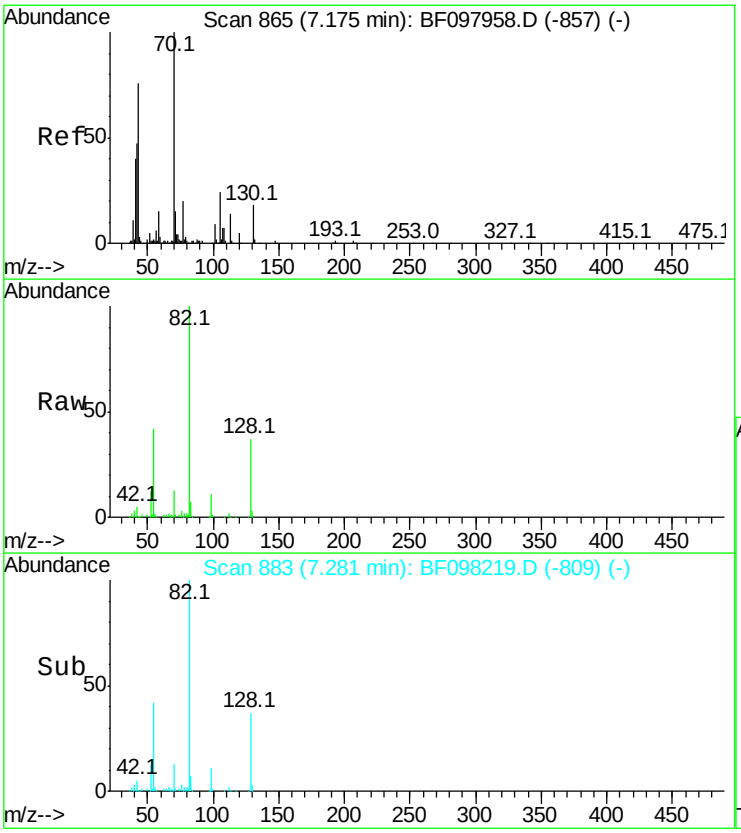
#7
Phenol-d6
Concen: 26.820 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion: 99 Resp: 290237

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	31.5	24.5	36.7

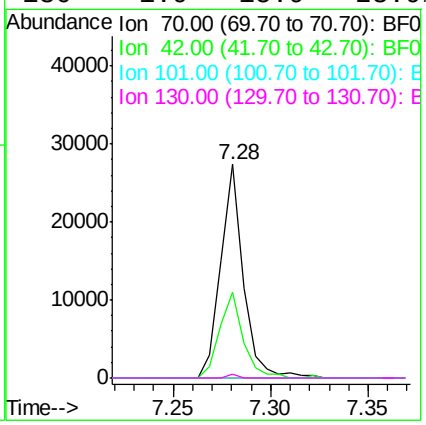


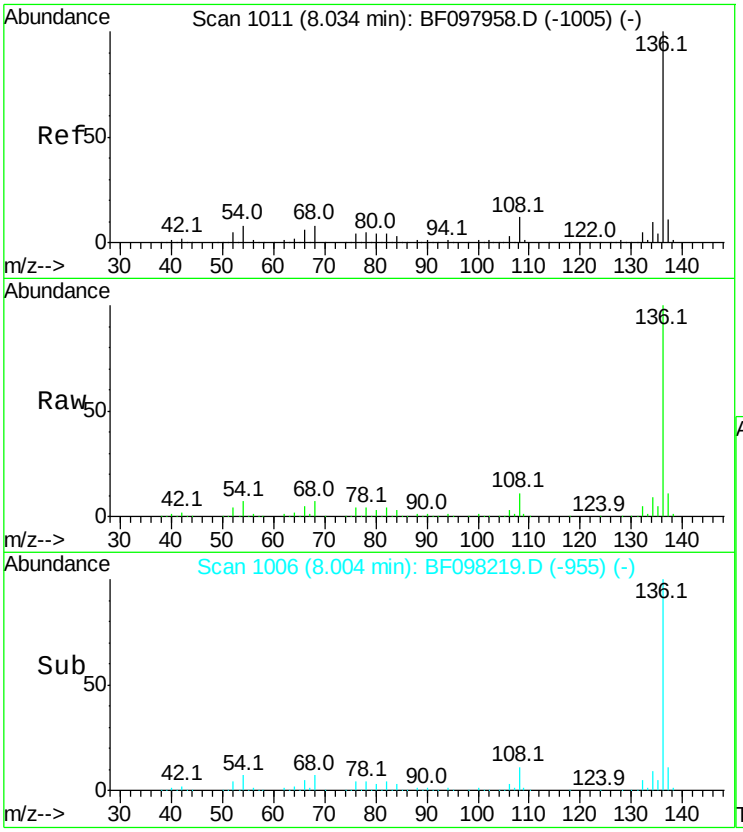


#19
n-Nitroso-di-n-propylamine
Concen: 2.988 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion: 70 Resp: 22137

Ion	Ratio	Lower	Upper
70	100		
42	40.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



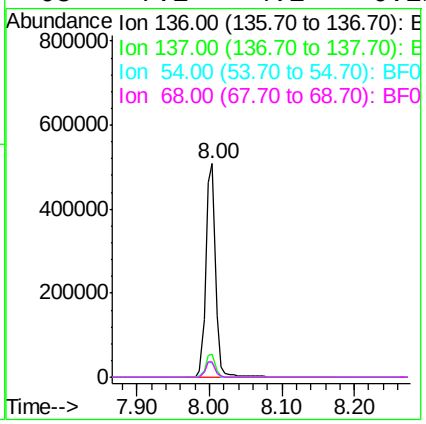


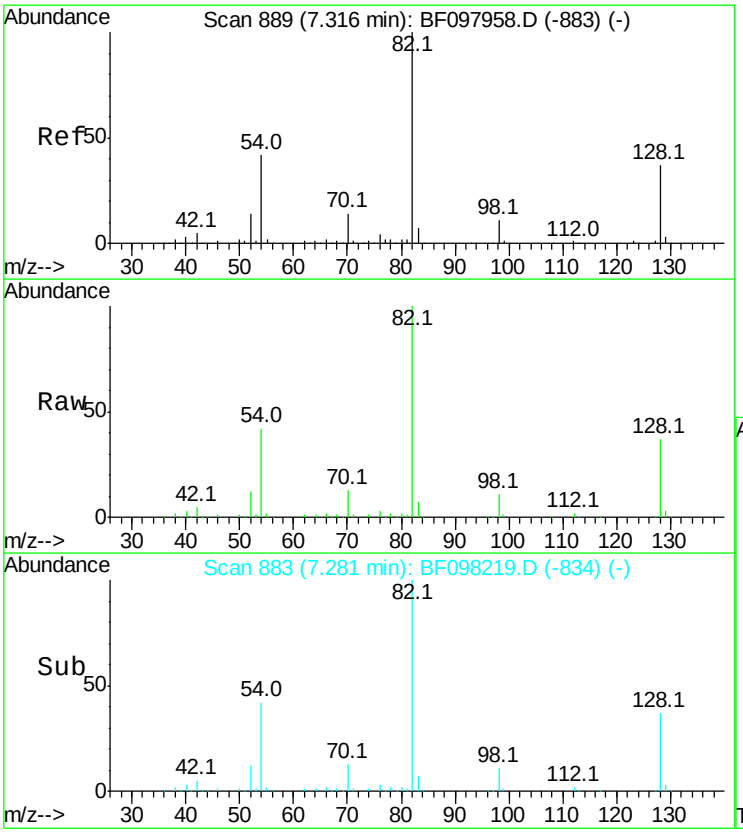
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:136 Resp: 476112

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.9	4.9	7.3
68	7.1	4.1	6.1#

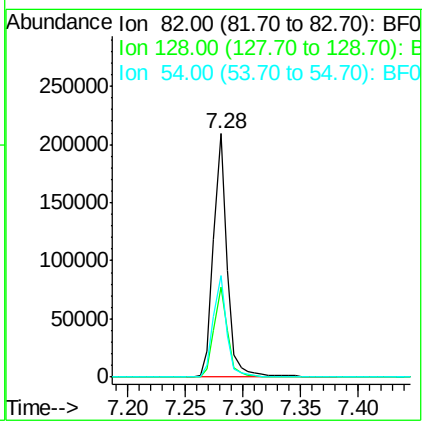


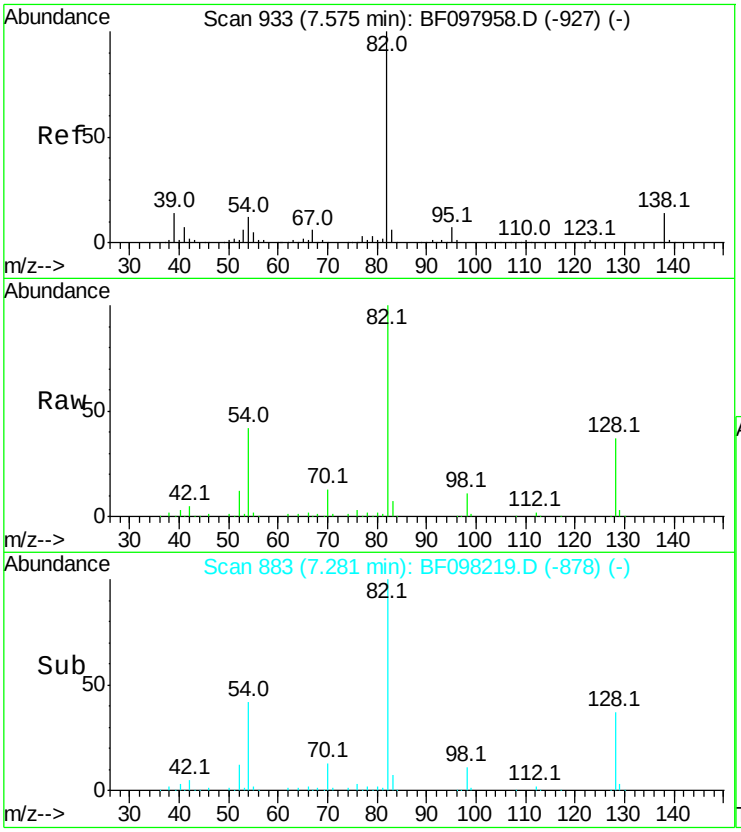


#23
Nitrobenzene-d5
Concen: 19.755 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion: 82 Resp: 173136

Ion	Ratio	Lower	Upper
82	100		
128	37.1	34.0	51.0
54	41.5	42.2	63.2#



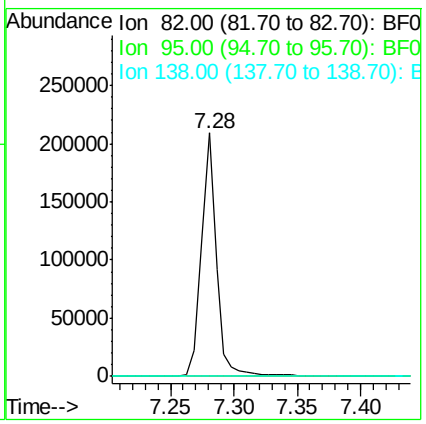


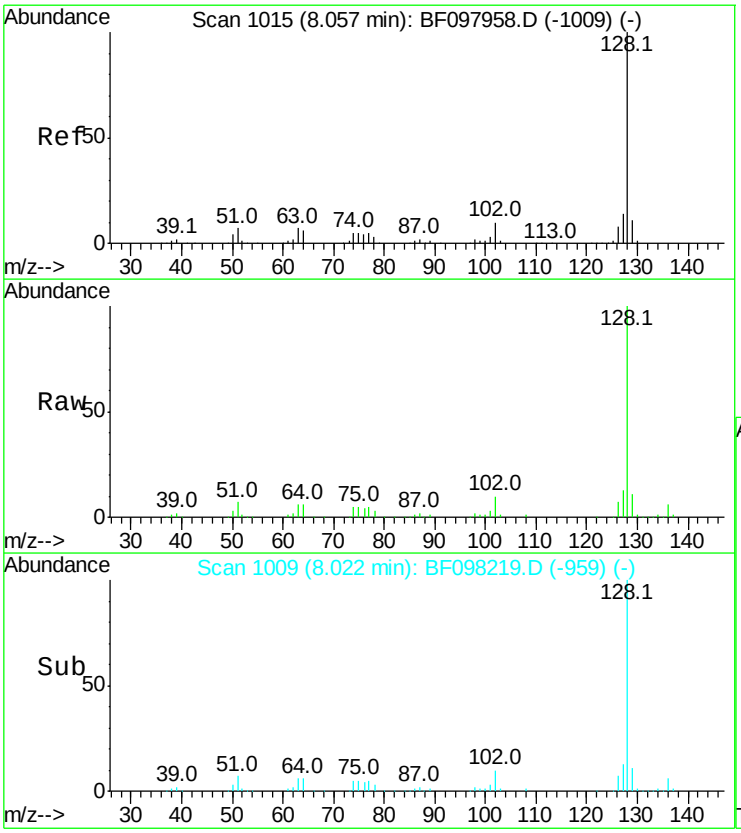
#25
Isophorone
Concen: 9.287 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion: 82 Resp: 169247

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

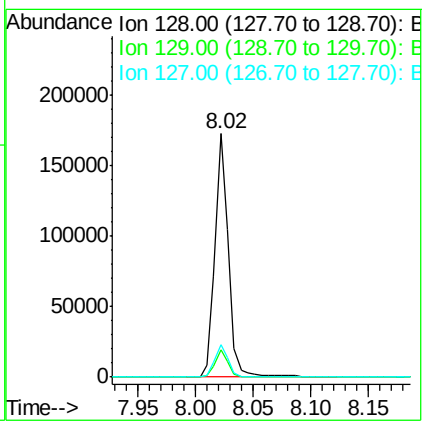


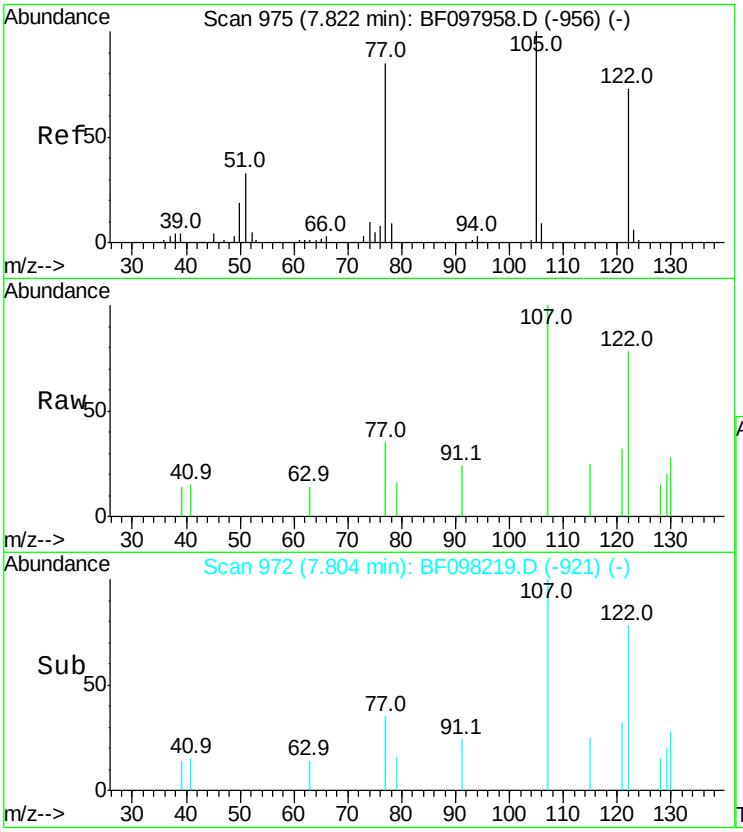


#31
Naphthalene
Concen: 5.680 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:128 Resp: 140396

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.1	10.8	16.2



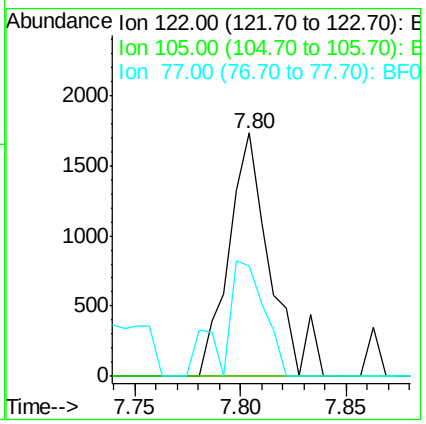


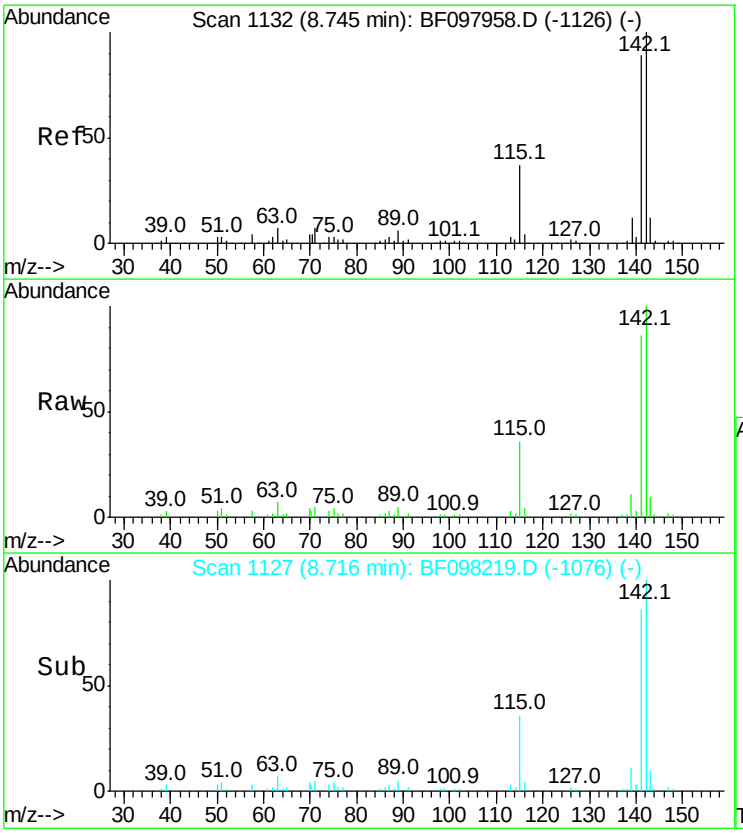
#32
Benzoic acid
Concen: 6.771 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:122 Resp: 2342

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	45.3	73.7	113.7#

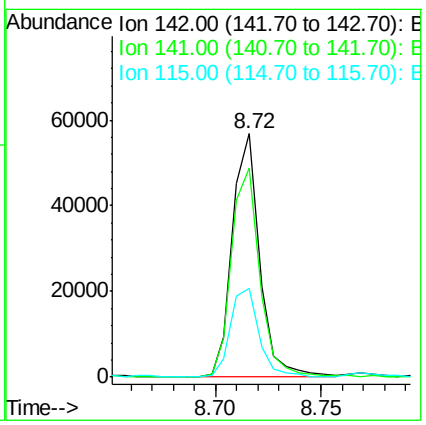


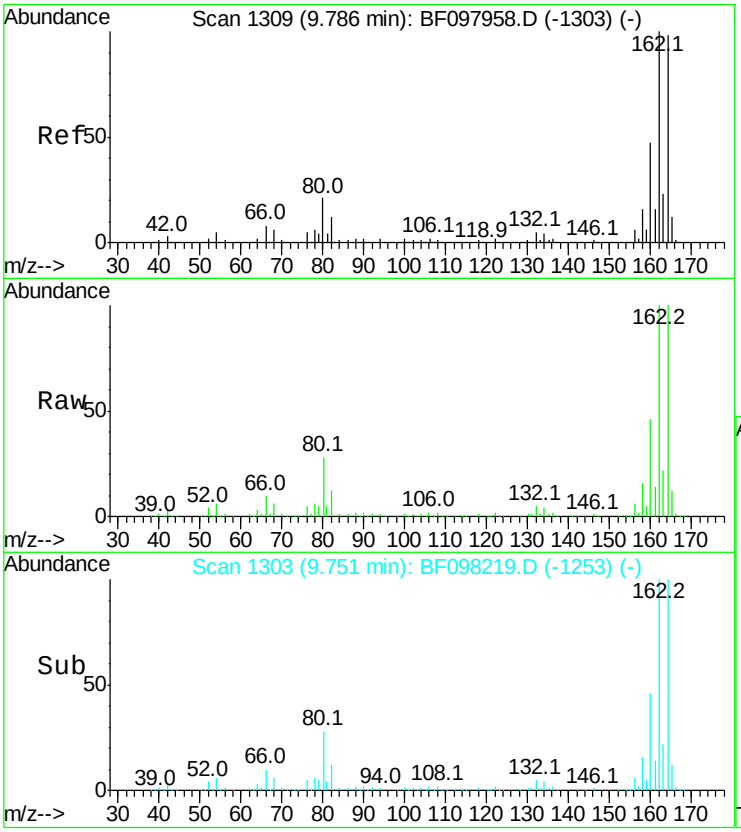


#37
2-Methylnaphthalene
Concen: 3.351 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:142 Resp: 50777

Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.3	106.9
115	36.3	27.1	40.7



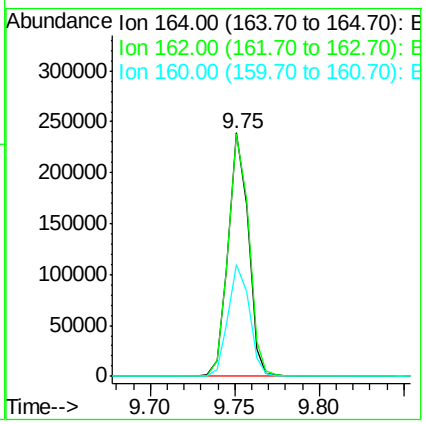


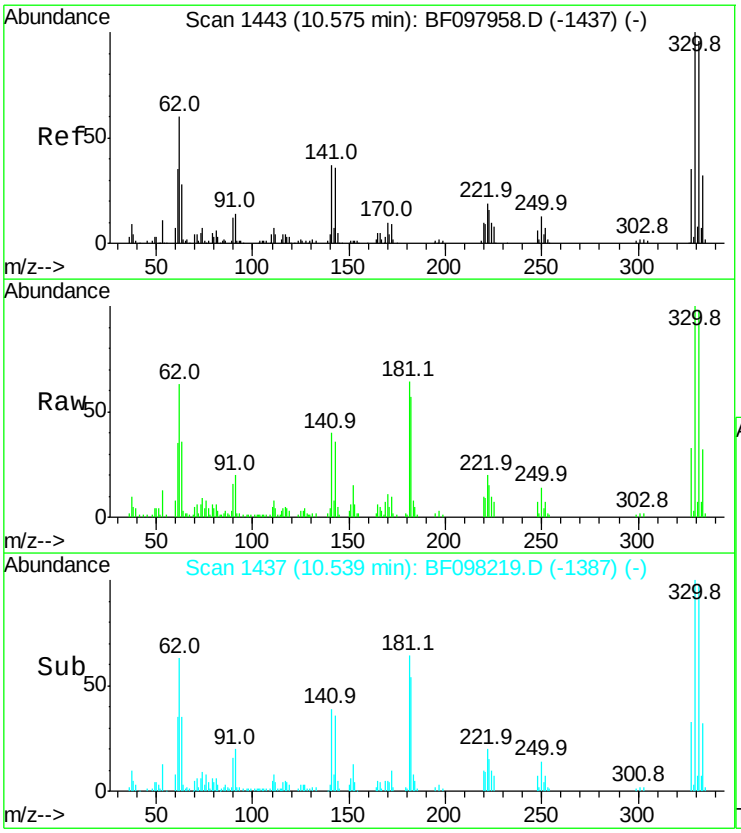
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:164 Resp: 198332

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	45.7	36.2	54.2

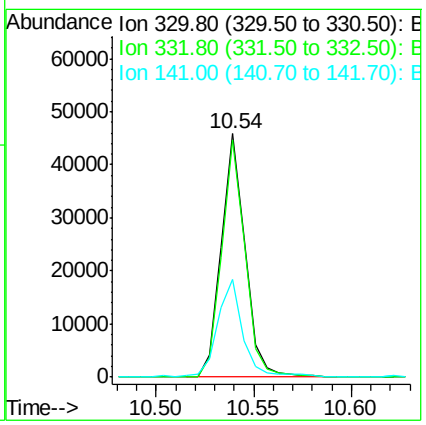


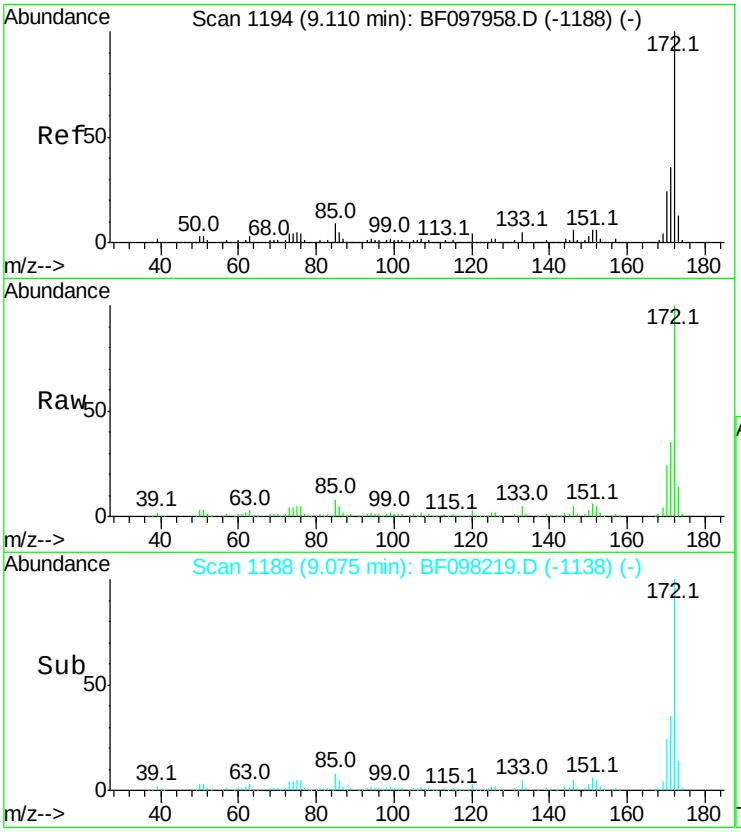


#41
2,4,6-Tribromophenol
Concen: 22.752 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:330 Resp: 39152

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	42.9	31.4	47.2



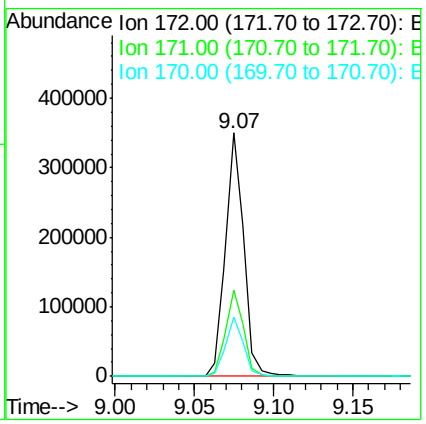


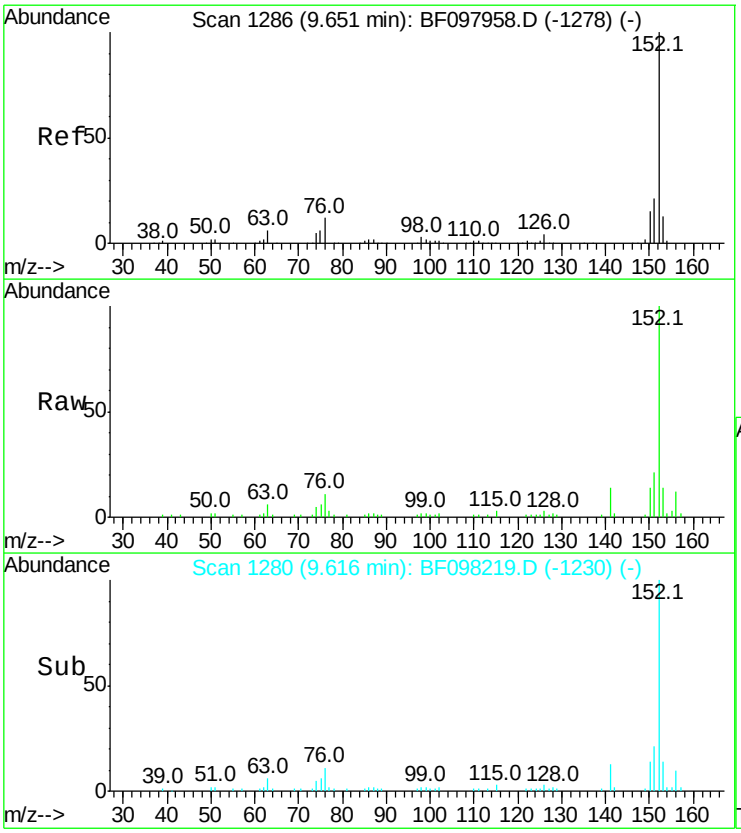
#44
2-Fluorobiphenyl
Concen: 20.760 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:172 Resp: 280243

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.3	19.8	29.8

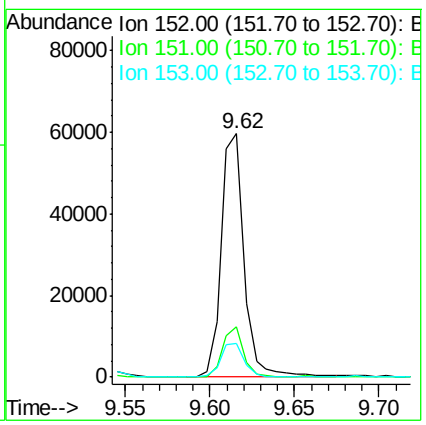


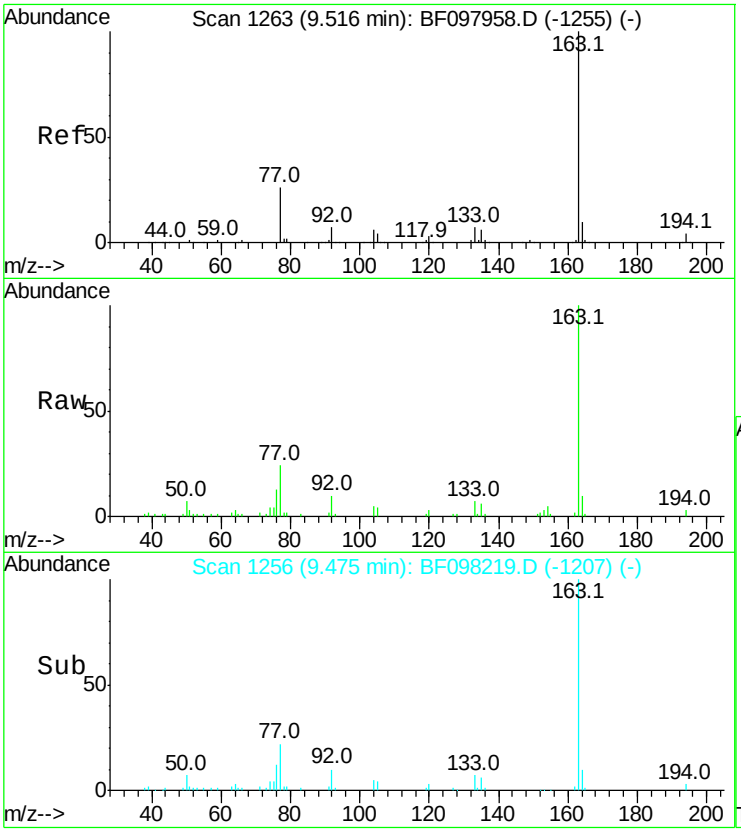


#48
Acenaphthylene
Concen: 2.681 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:152 Resp: 56262

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.8	10.8	16.2



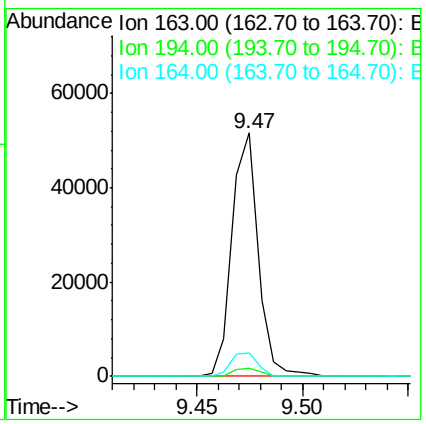


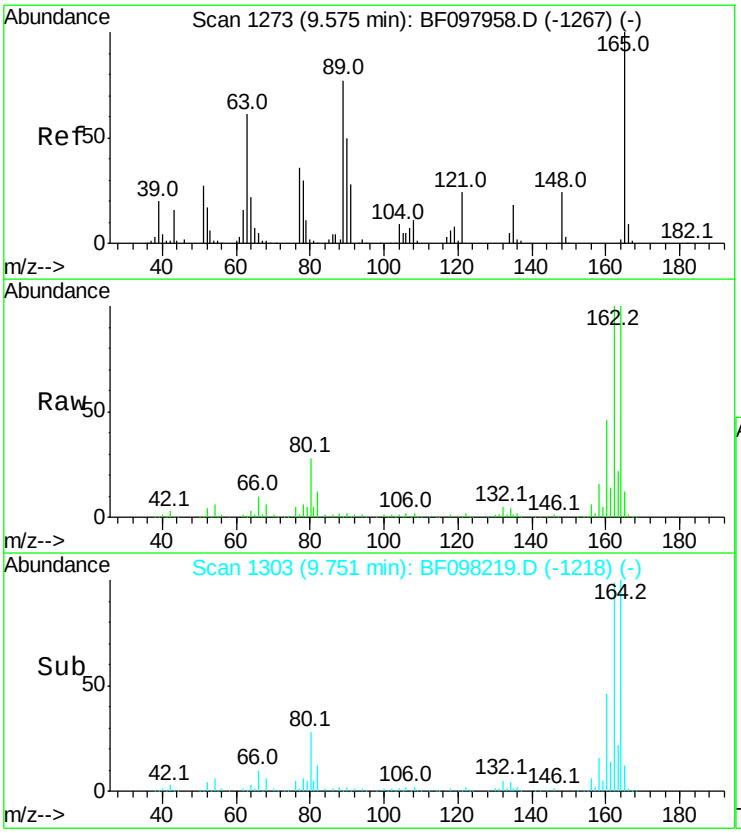
#49
Dimethylphthalate
Concen: 3.034 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:163 Resp: 43982

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.4	12.6

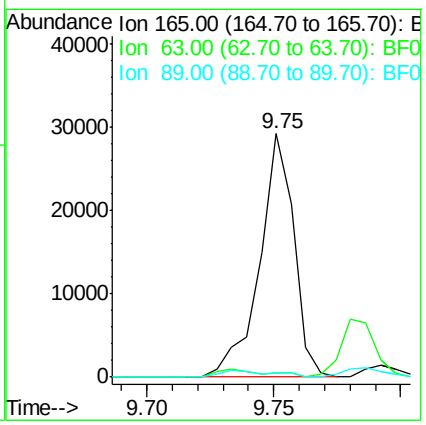


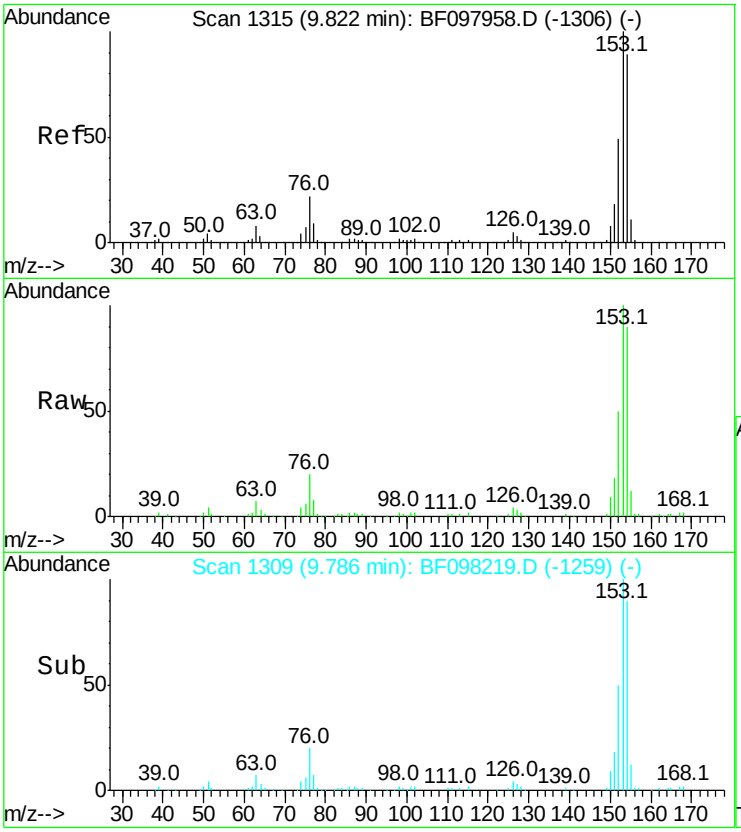


#50
2,6-Dinitrotoluene
Concen: 9.559 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:165 Resp: 27662

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.9	37.1	55.7#



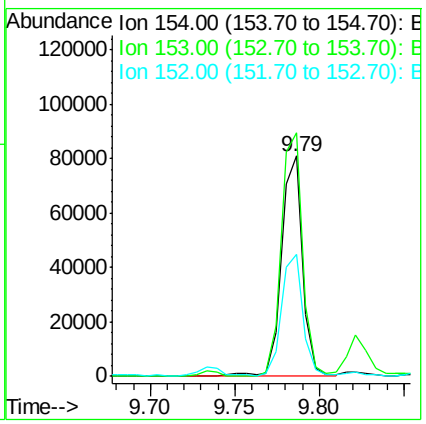


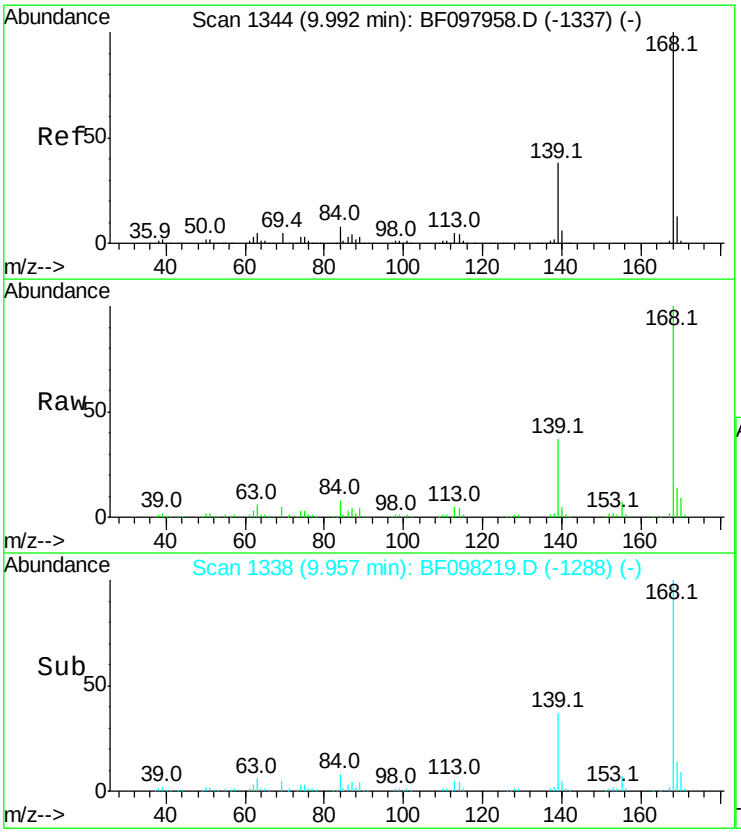
#51
Acenaphthene
Concen: 5.319 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:154 Resp: 70395

Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.5	135.7
152	55.4	43.6	65.4

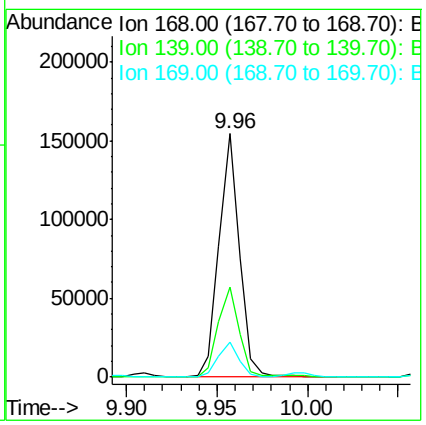


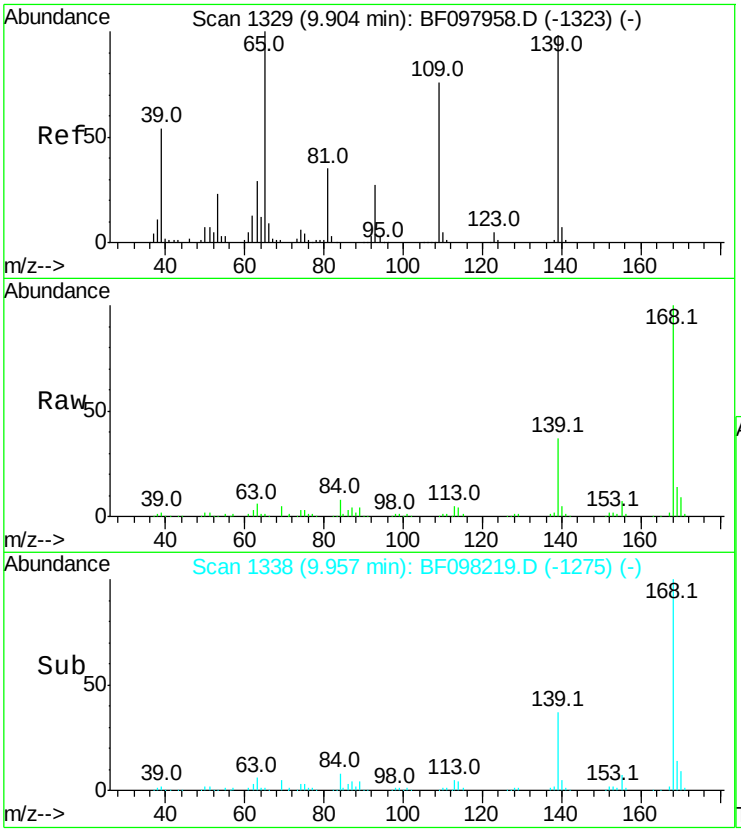


#54
Dibenzofuran
Concen: 6.871 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:168 Resp: 121872

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	45.8
169	14.5	10.8	16.2



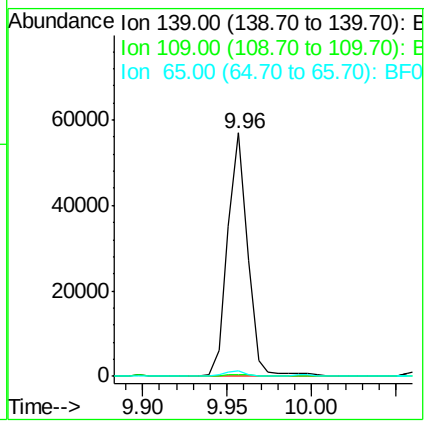


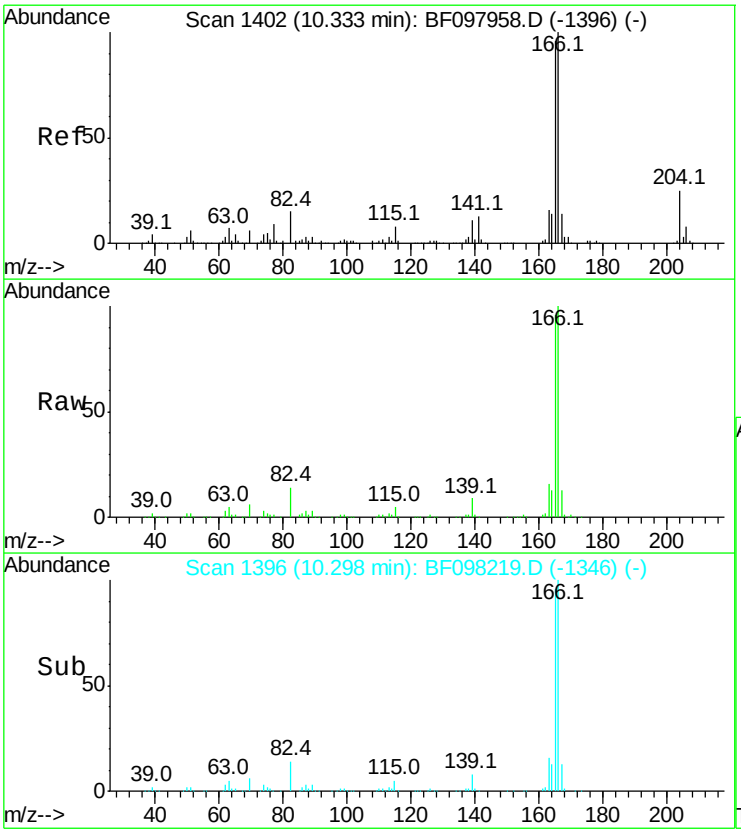
#55
4-Nitrophenol
Concen: 15.856 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.07 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:139 Resp: 47226

Ion	Ratio	Lower	Upper
139	100		
109	0.6	34.1	74.1#
65	2.3	31.4	71.4#

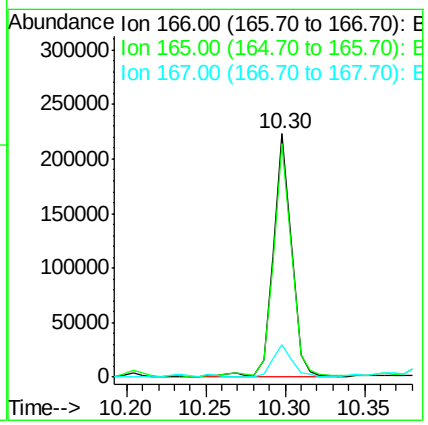


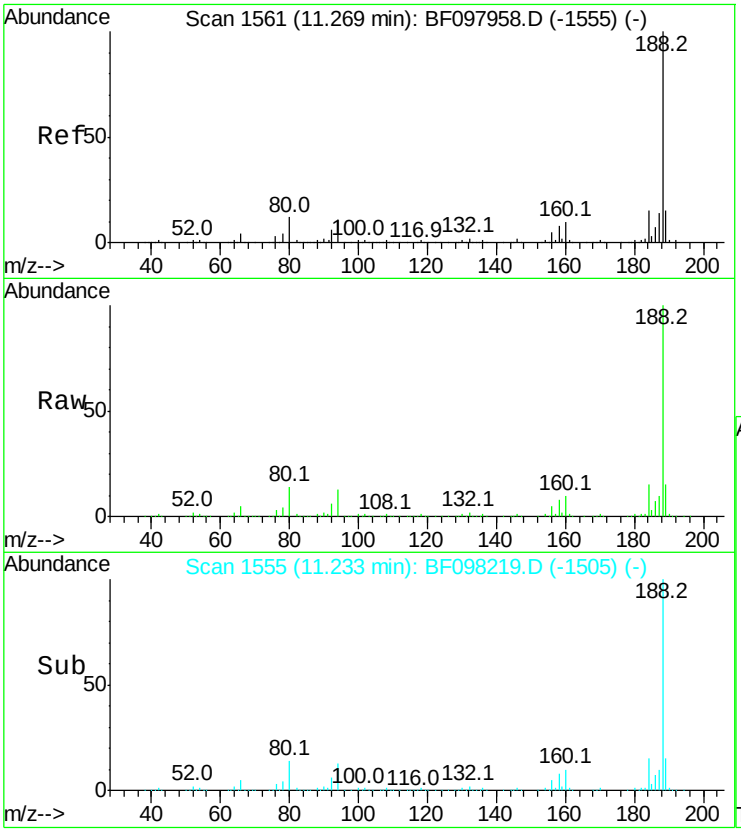


#57
Fluorene
Concen: 13.178 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:166 Resp: 180726

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.8	118.2
167	13.4	10.6	16.0



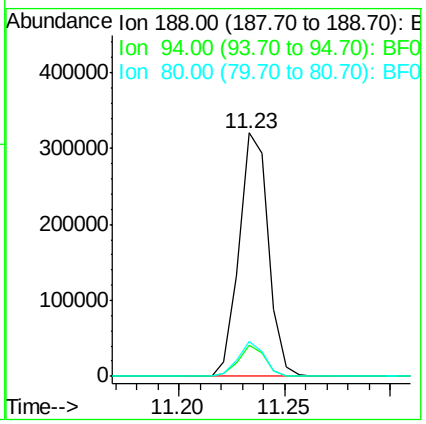


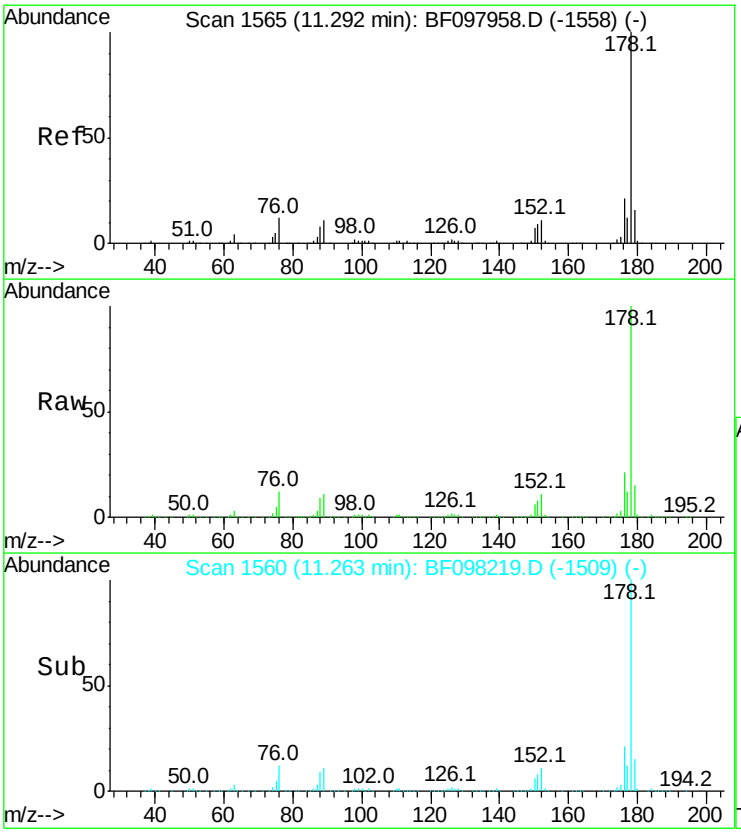
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:188 Resp: 307051

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	14.4	10.2	15.2

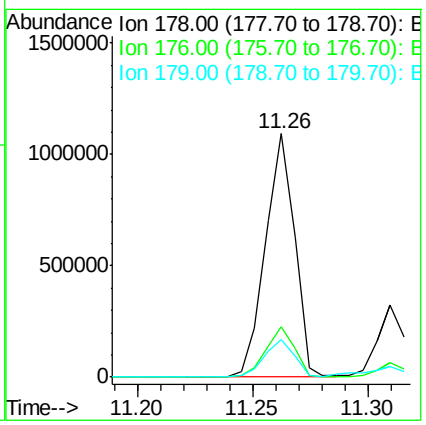


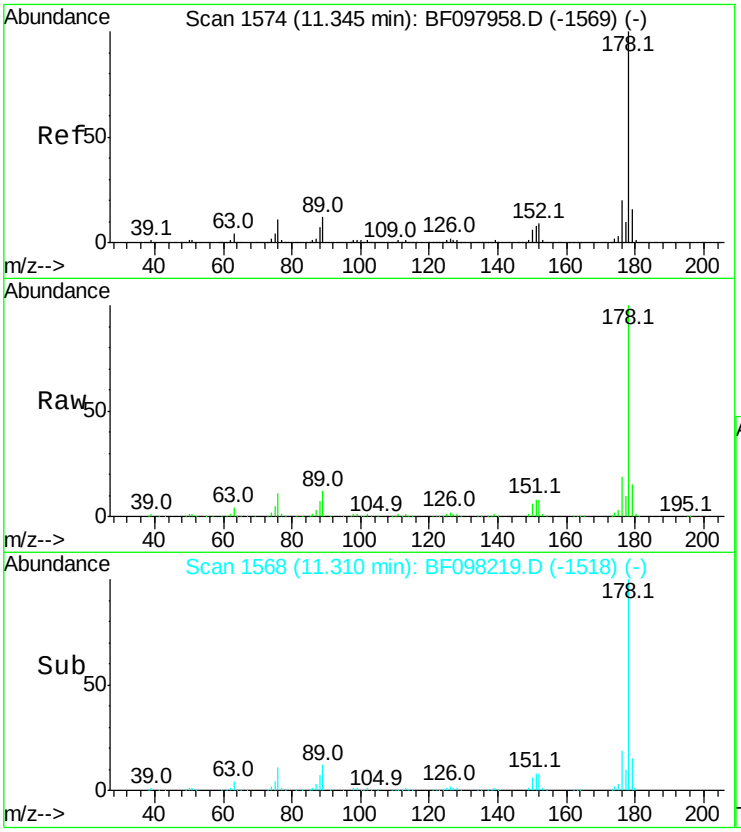


#70
Phenanthrene
Concen: 58.884 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:178 Resp: 963452

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.3	12.6	19.0



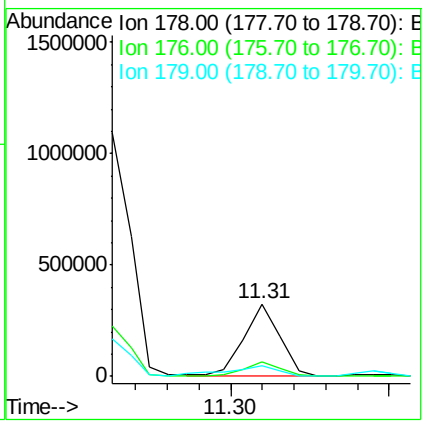


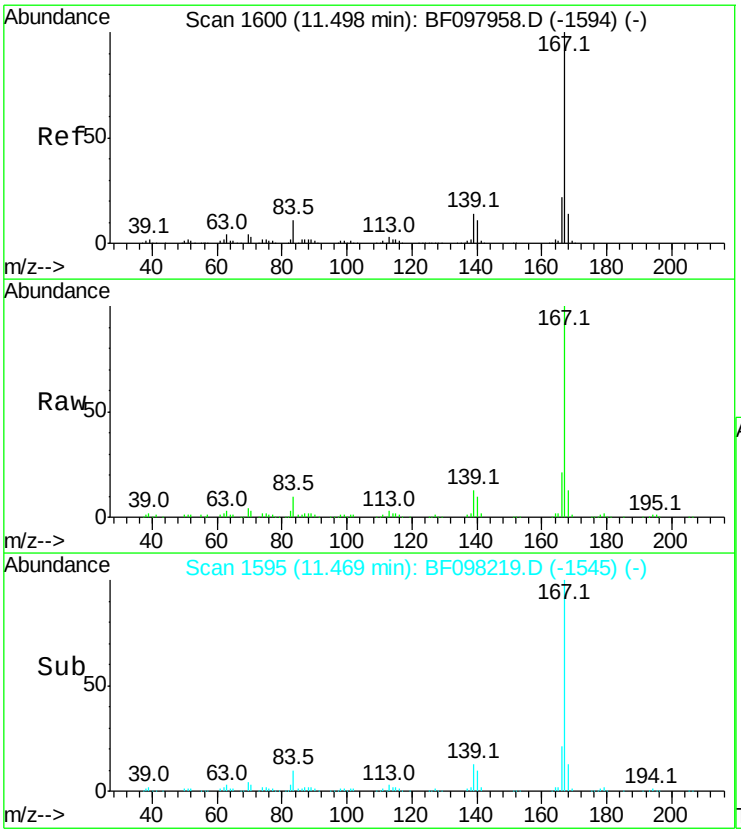
#71
Anthracene
Concen: 15.281 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:178 Resp: 253598

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	12.7	19.1

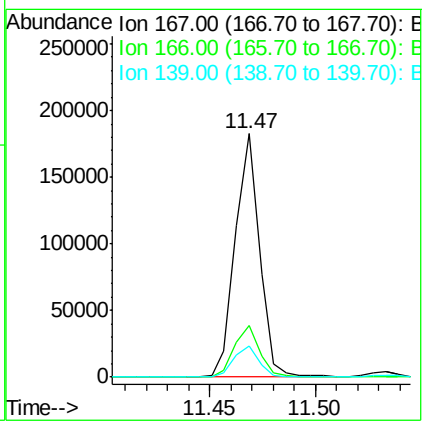


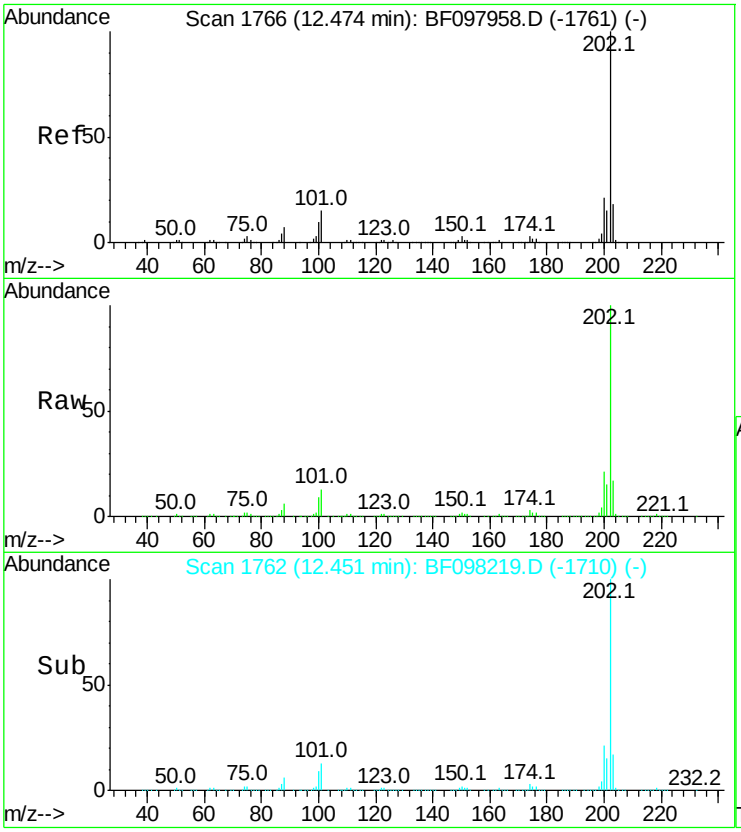


#72
Carbazole
Concen: 9.220 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:167 Resp: 145242

Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	12.6	11.7	17.5



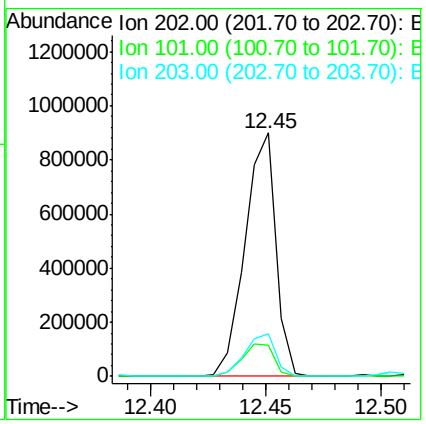


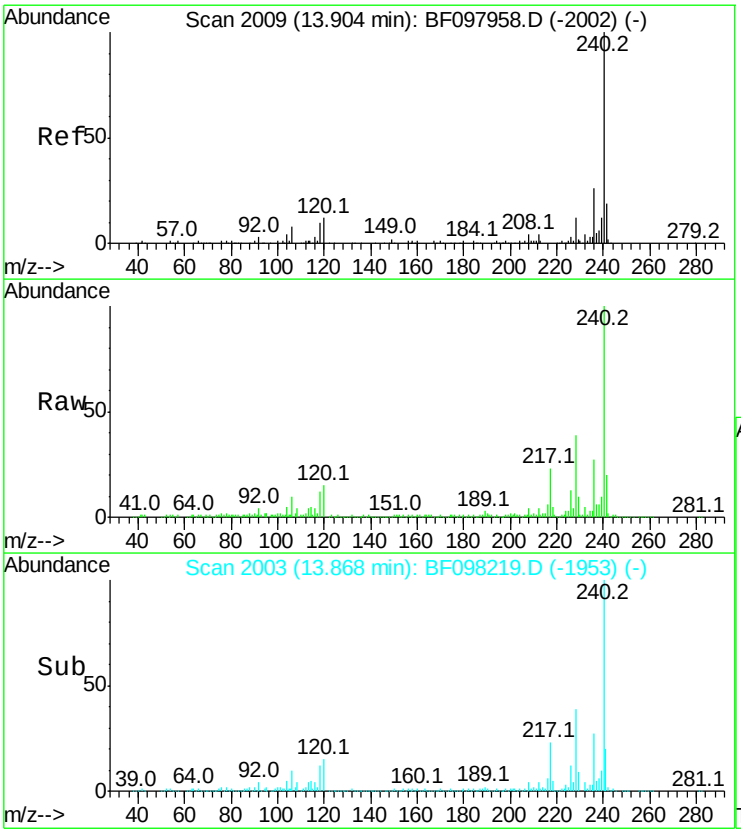
#74
Fluoranthene
Concen: 49.388 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:202 Resp: 843447

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.3	0.0	38.1

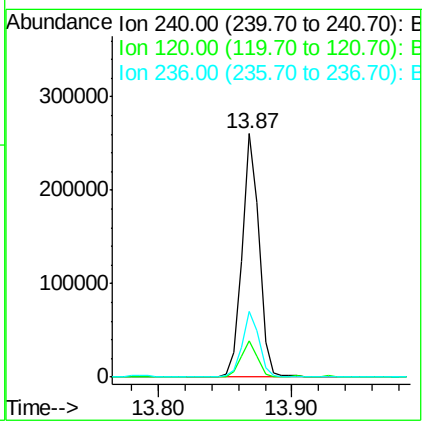


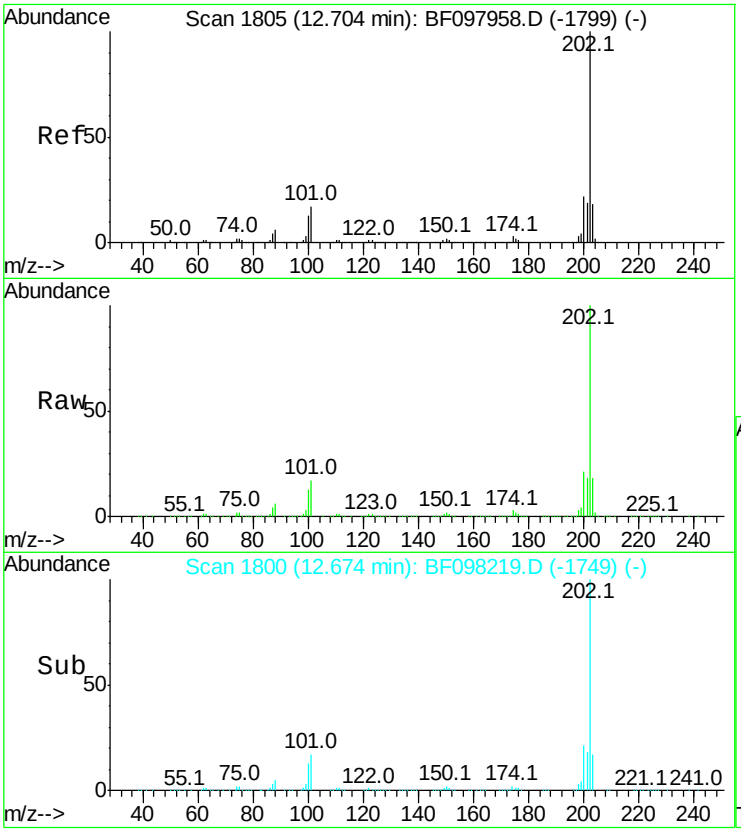


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:240 Resp: 228901

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	26.9	20.5	30.7



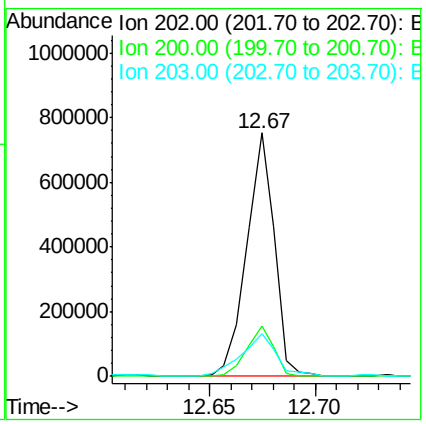


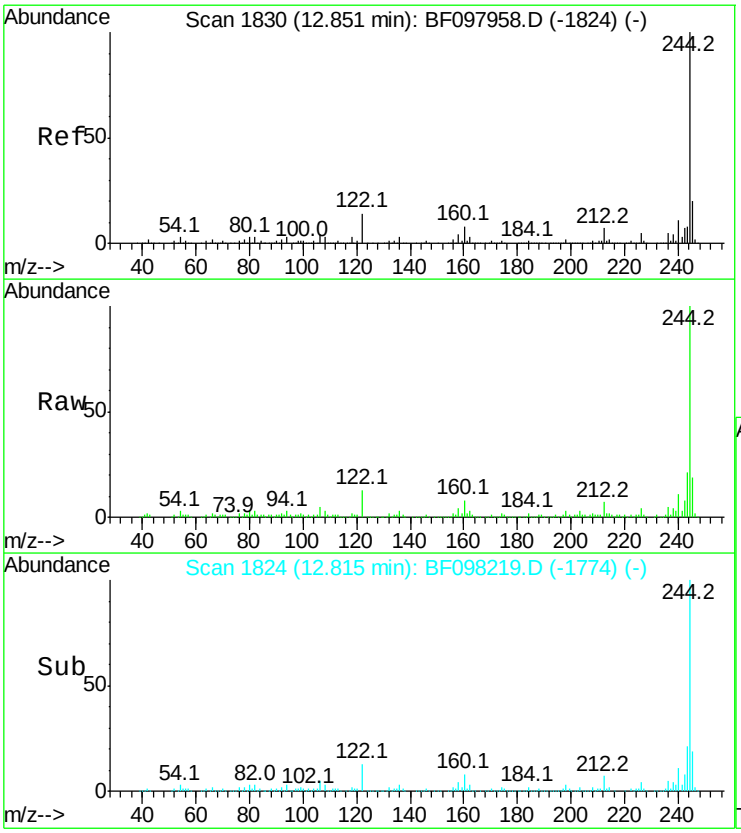
#77
Pyrene
Concen: 36.663 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:202 Resp: 686384

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.6	14.4	21.6

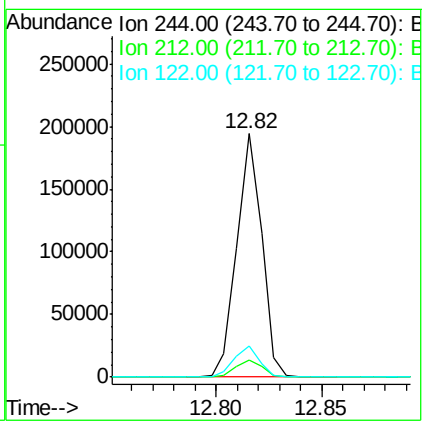


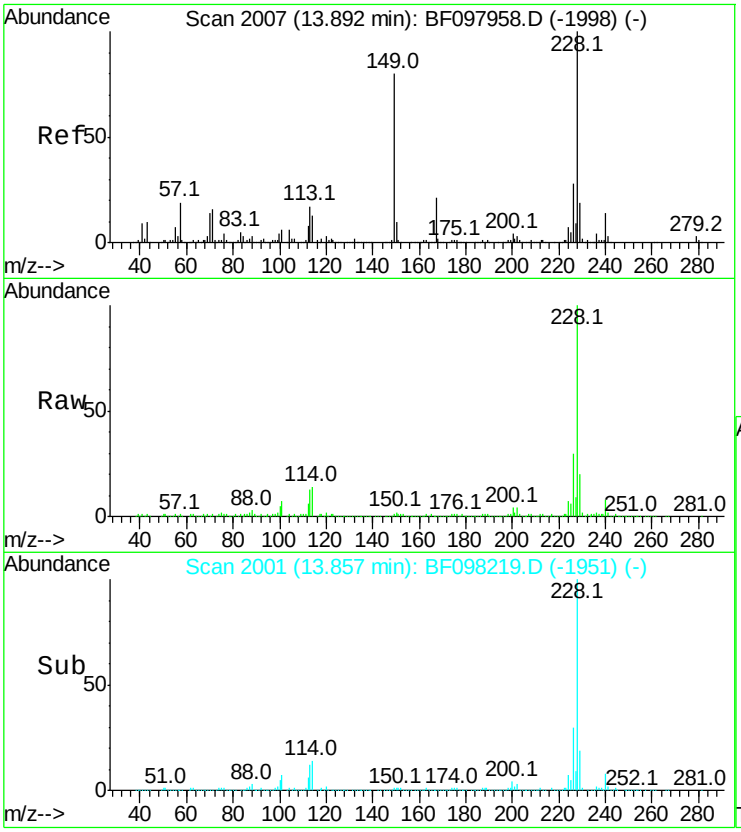


#78
Terphenyl-d14
Concen: 14.475 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:244 Resp: 158892

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.8	10.3	15.5



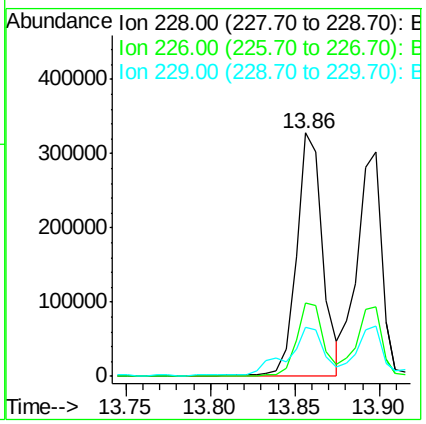


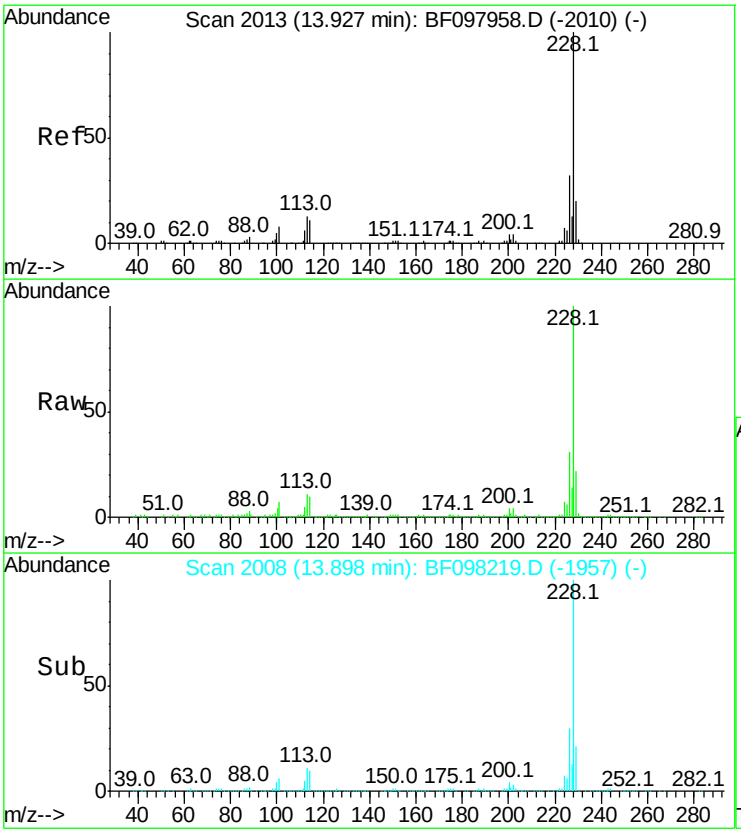
#80
Benzo(a)anthracene
Concen: 25.516 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:228 Resp: 350058

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.1	16.3	24.5

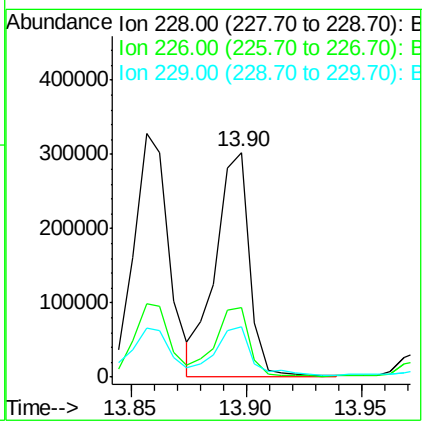


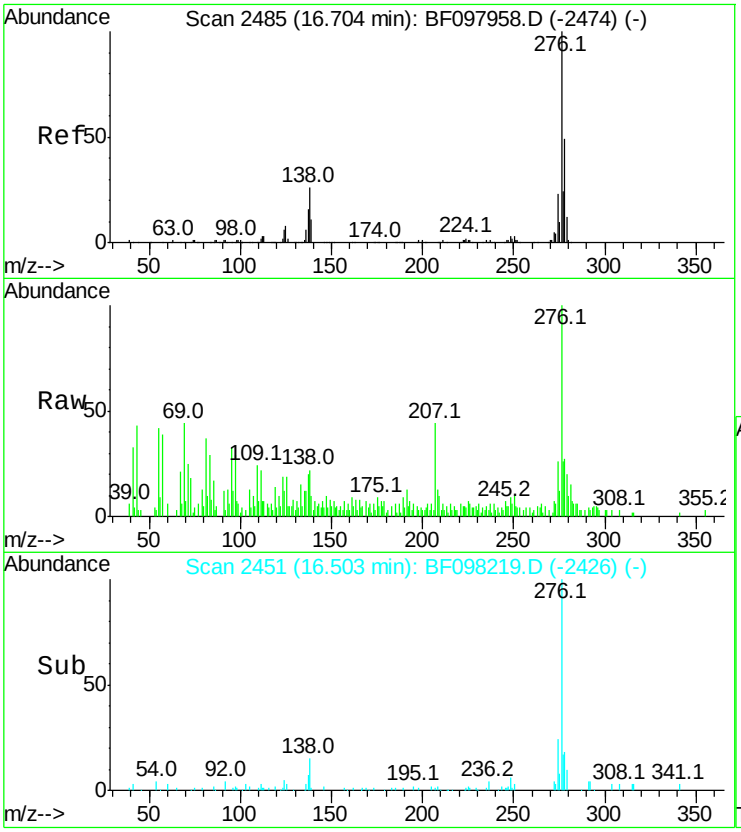


#82
Chrysene
Concen: 22.481 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:228 Resp: 306806

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.1	15.8	23.6



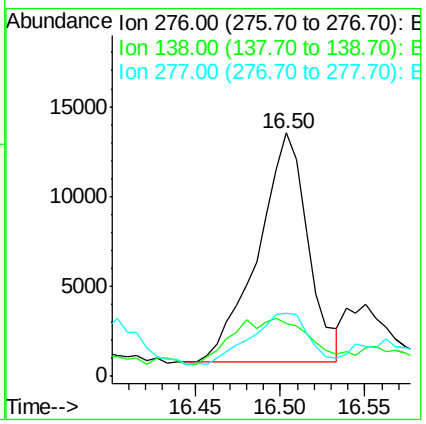


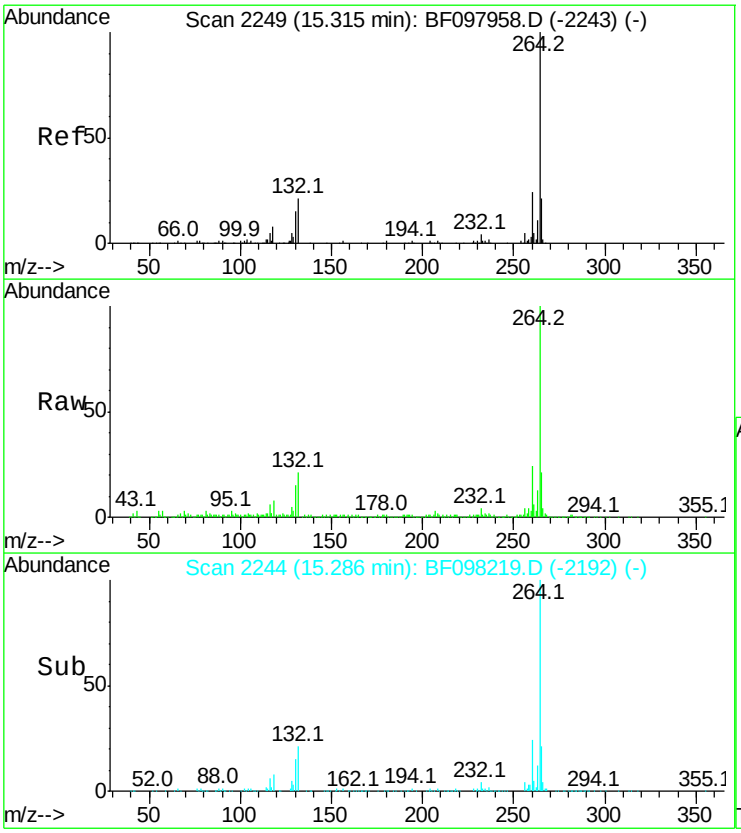
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.583 ng
RT: 16.50 min Scan# 2451
Delta R.T. -0.15 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:276 Resp: 25928

Ion	Ratio	Lower	Upper
276	100		
138	31.5	27.8	41.6
277	25.7	20.2	30.4

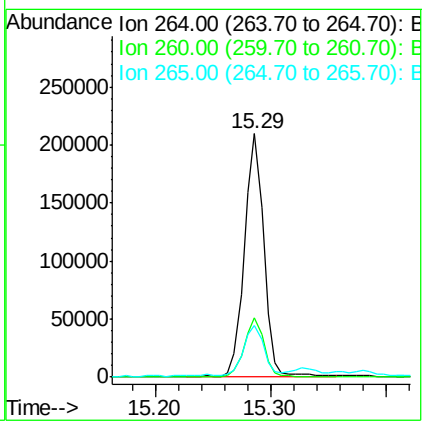


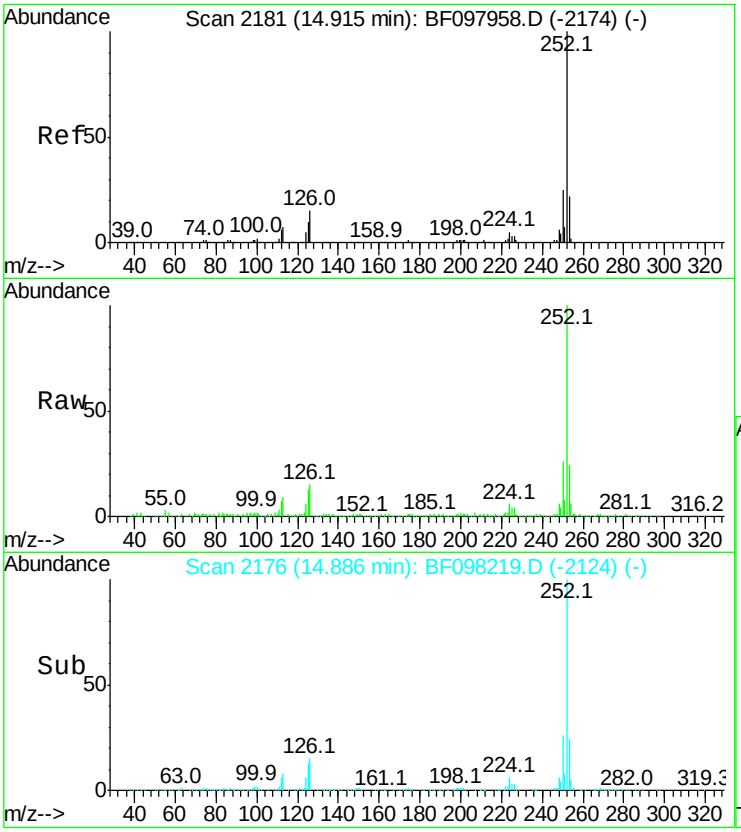


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:264 Resp: 244020

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.2	17.2	25.8



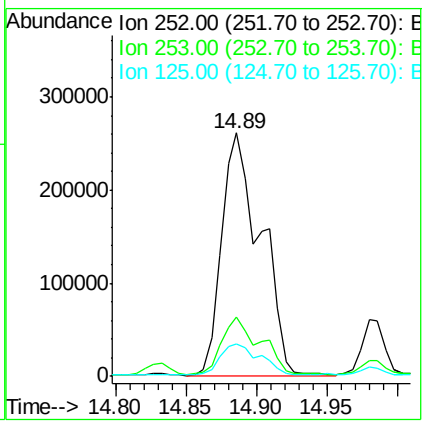


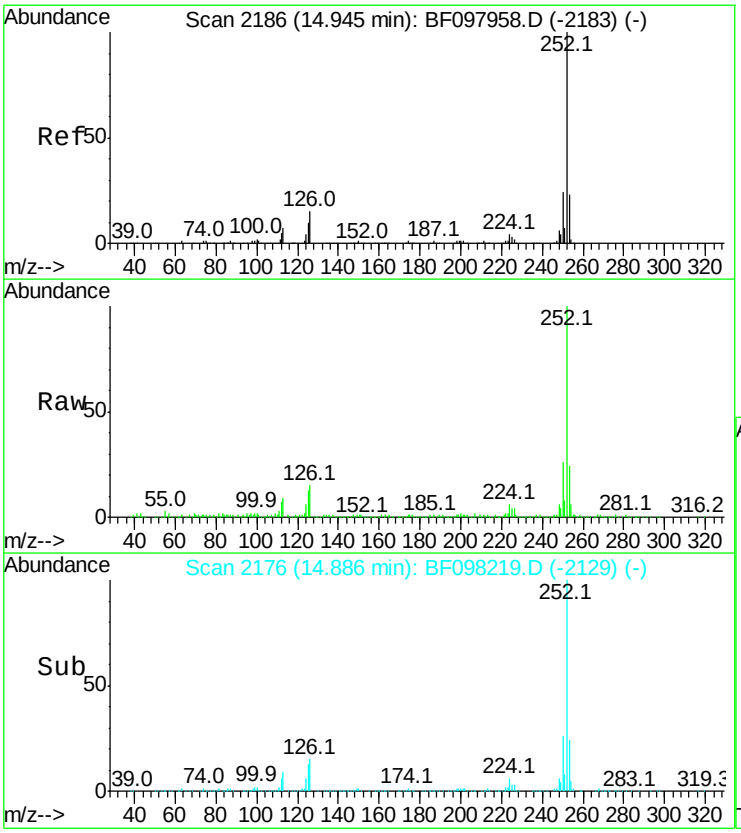
#87
Benzo(b)fluoranthene
Concen: 32.722 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:252 Resp: 503313

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	13.4	9.8	14.8

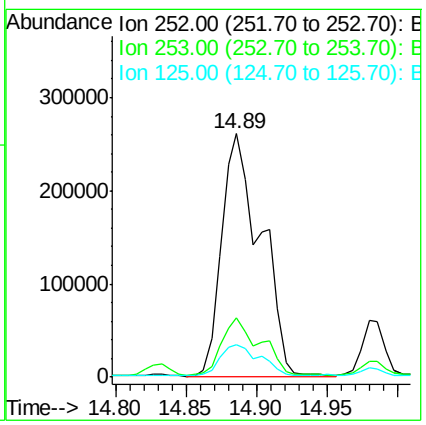


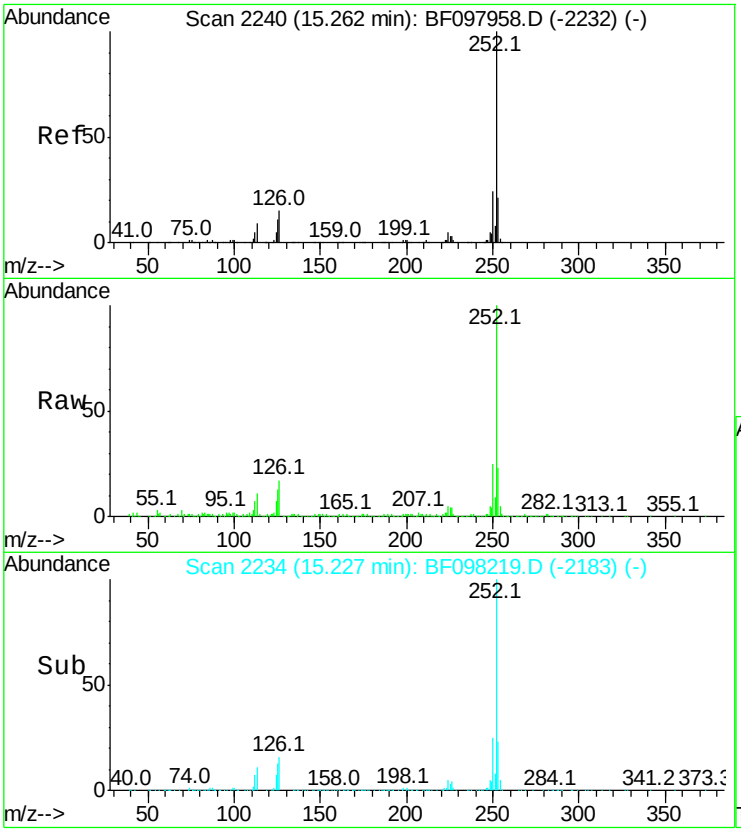


#88
Benzo(k)fluoranthene
Concen: 34.829 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:252 Resp: 503313

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	13.4	13.1	19.7



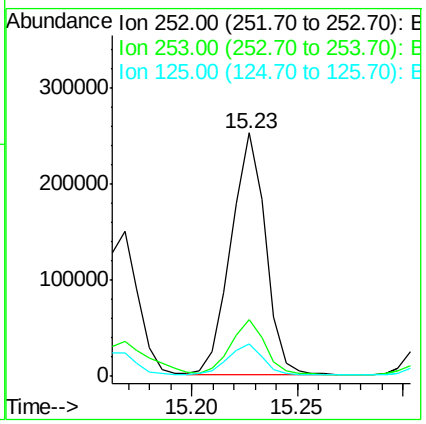


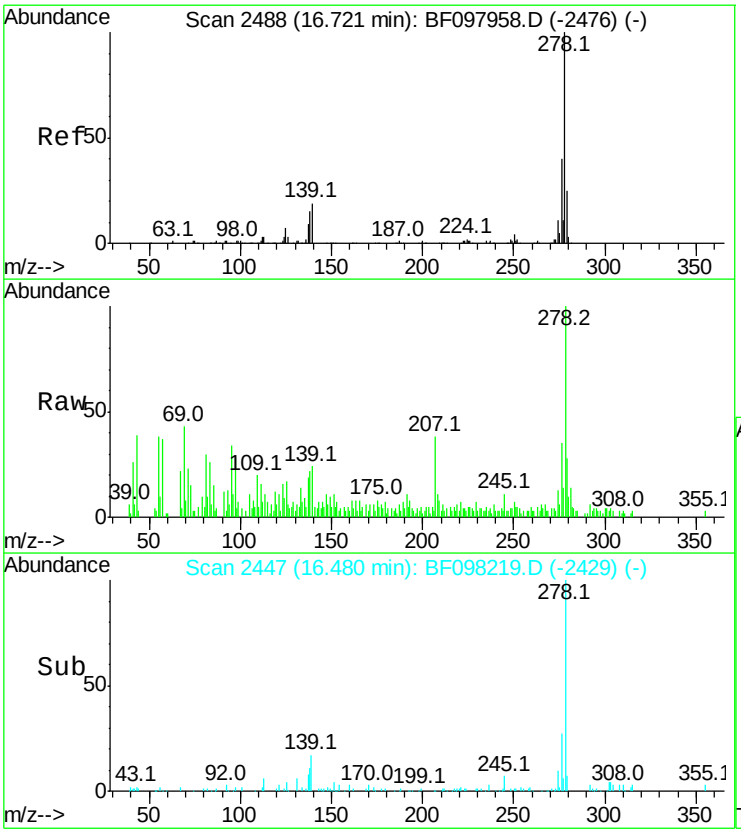
#89
Benzo(a)pyrene
Concen: 20.942 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:252 Resp: 285157

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	13.3	11.0	16.4

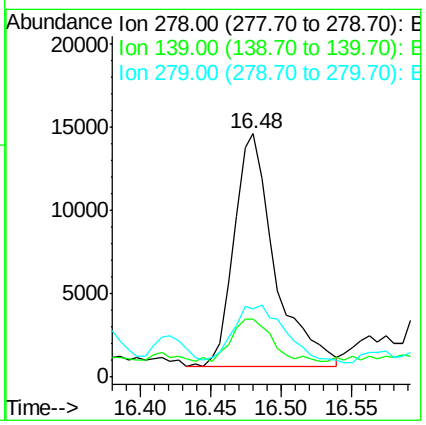


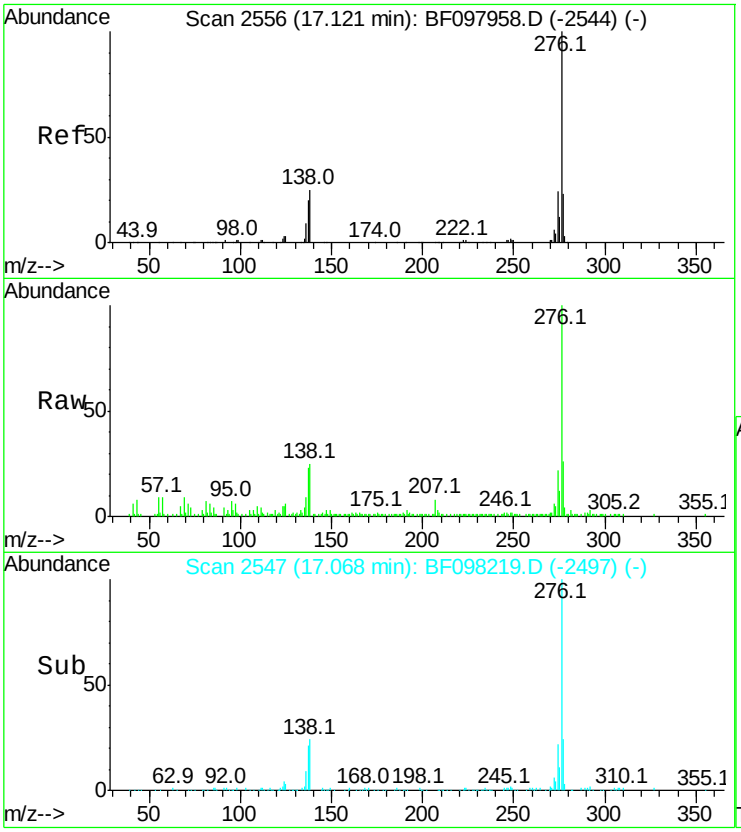


#90
Dibenzo(a,h)anthracene
Concen: 2.526 ng
RT: 16.48 min Scan# 2447
Delta R.T. -0.19 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Tgt Ion:278 Resp: 28004

Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.6	24.8
279	28.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 10.108 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF098219.D
Acq: 1 Sep 2017 11:51

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-D

Tgt Ion:276 Resp: 116916

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	24.5	25.4	38.0#