Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098173.D
Acq On : 30 Aug 2017 23:22
Operator : SJ/JU
Sample : I5023-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 06:48:58 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	6.72	152	115698	20.00	ng		-0.03
21) Naphthalene-d8	8.01	136	441293	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	170138	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	278862	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	243742	20.00	ng		-0.02
86) Perylene-d12	15.29	264	186188	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	183638	24.14	ng		-0.03
7) Phenol-d6	6.36	99	245483	23.75	ng		-0.03
23) Nitrobenzene-d5	7.29	82	137815	16.97	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	27812	18.84	ng		-0.03
44) 2-Fluorobiphenyl	9.08	172	226607	19.57	ng		-0.03
78) Terphenyl-d14	12.82	244	153203	13.11	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	17676	2.498	ng	#	73
25) Isophorone	7.29	82	133726	7.917	ng	#	67
49) Dimethylphthalate	9.47	163	29664	2.385	ng	#	99
50) 2,6-Dinitrotoluene	9.76	165	22400	9.023	ng	#	34
55) 4-Nitrophenol	9.96	139	8176	3.200	ng	#	25
56) 2,4-Dinitrotoluene	9.76	165	22400	7.190	ng	#	34
57) Fluorene	10.30	166	37934	3.224	ng		94
70) Phenanthrene	11.26	178	308608	20.768	ng		99
71) Anthracene	11.32	178	87366	5.797	ng		96
72) Carbazole	11.47	167	32478	2.270	ng		97
74) Fluoranthene	12.45	202	505551	32.595	ng		99
77) Pyrene	12.68	202	457869	22.968	ng		98
80) Benzo(a)anthracene	13.86	228	228798	15.662	ng		97
82) Chrysene	13.90	228	195605	13.460	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	72701	6.801	ng	#	90
87) Benzo(b)fluoranthene	14.89	252	280211	23.876	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	280211	25.414	ng		98
89) Benzo(a)pyrene	15.23	252	144334	13.892	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	19182	2.268	ng	#	78
91) Benzo(g,h,i)perylene	17.07	276	68527	7.765	ng		94

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

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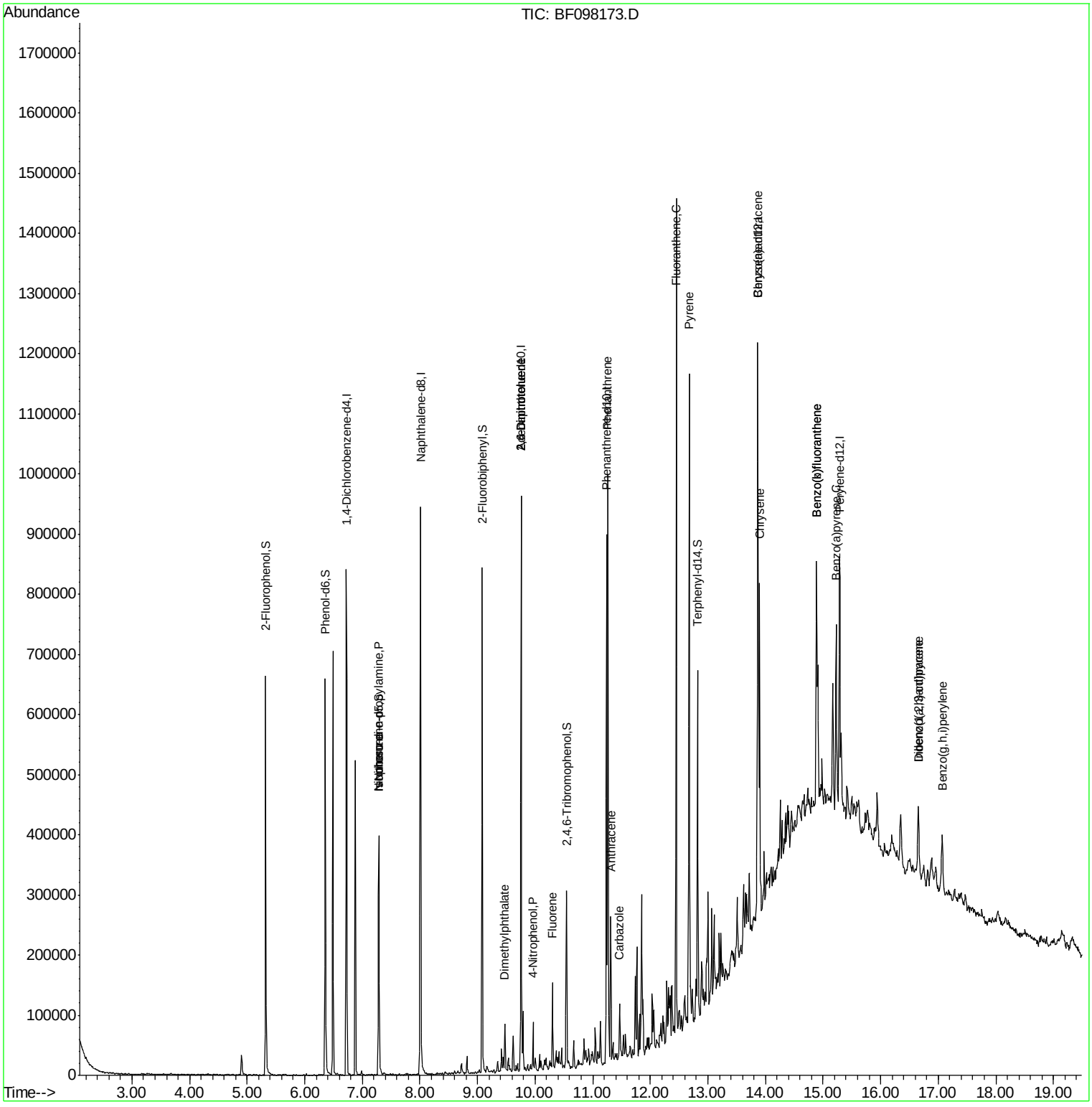
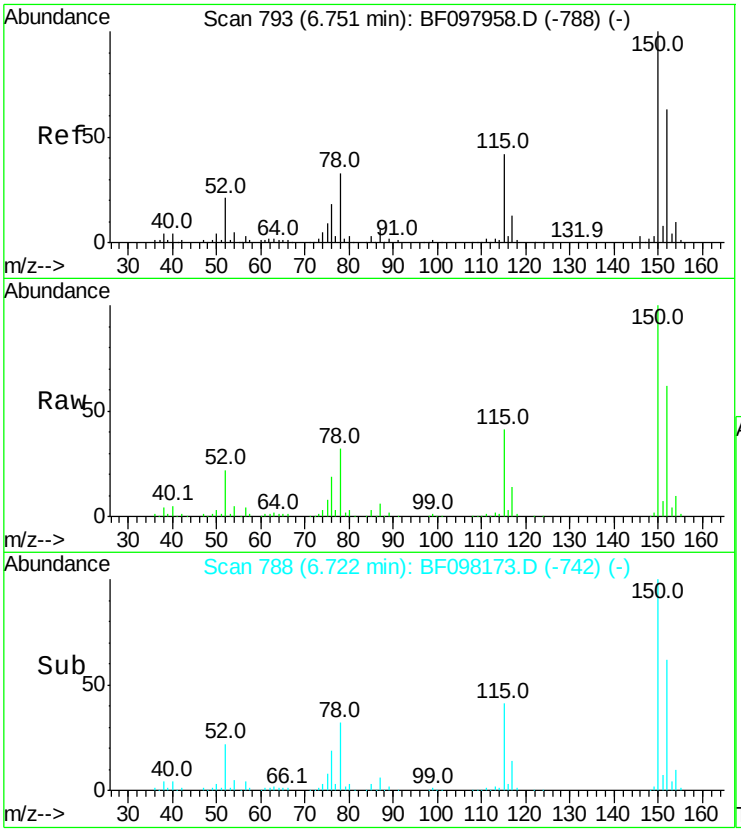


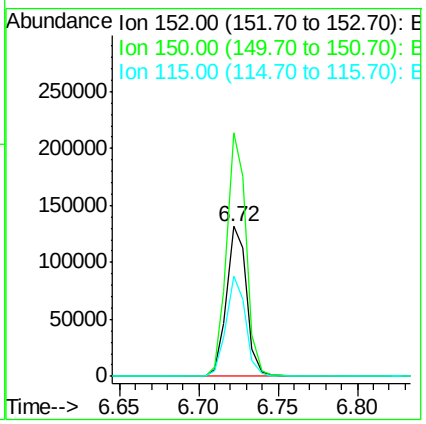


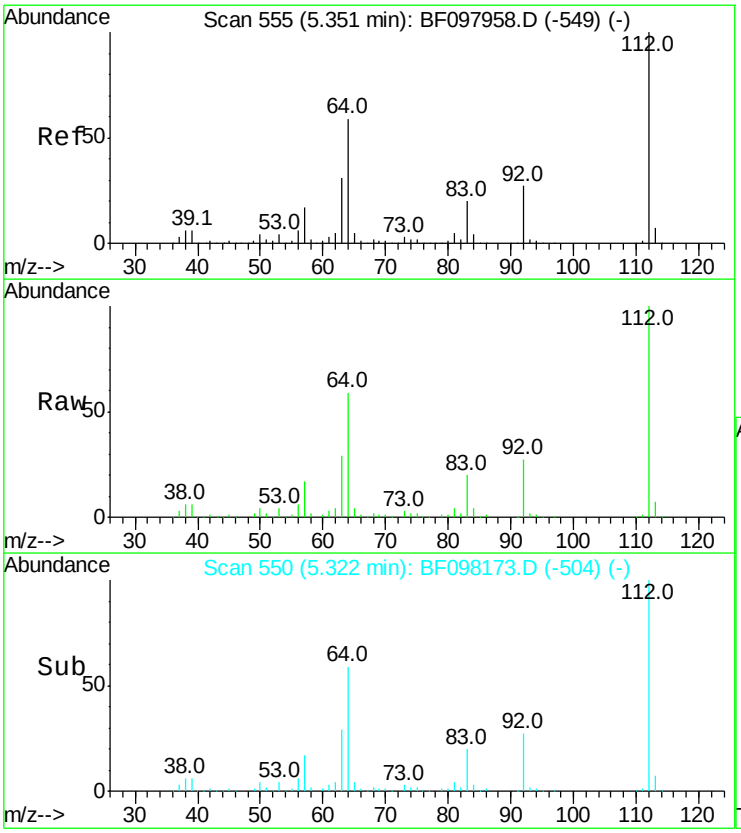
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115698

Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.2	189.2
115	67.1	52.2	78.2

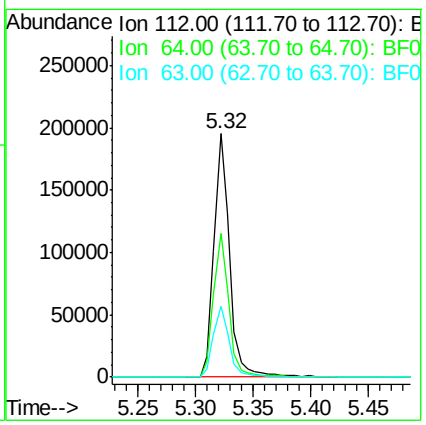


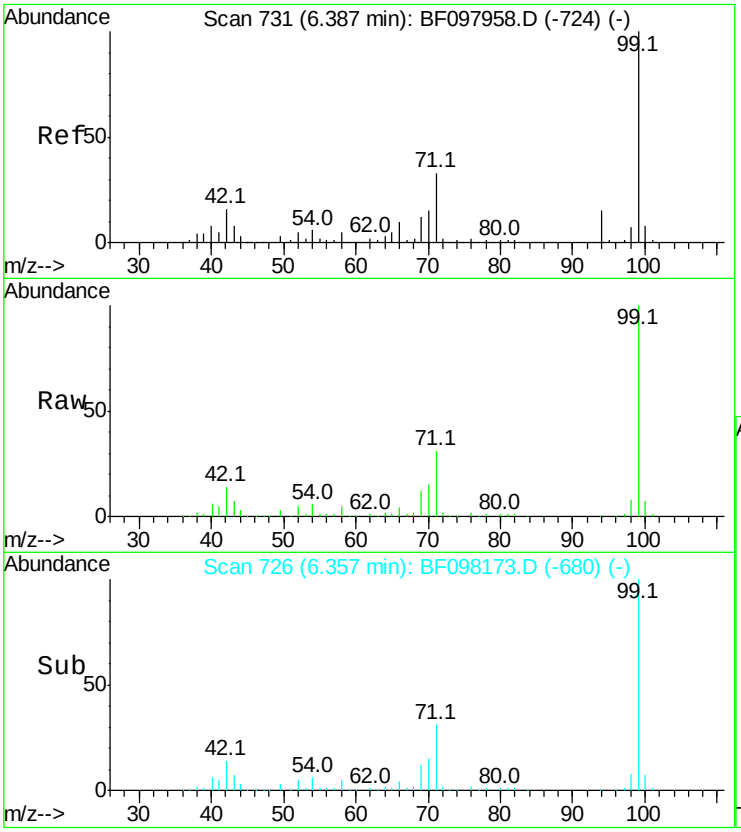


#5
2-Fluorophenol
Concen: 24.143 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:112 Resp: 183638

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	29.1	23.4	35.0



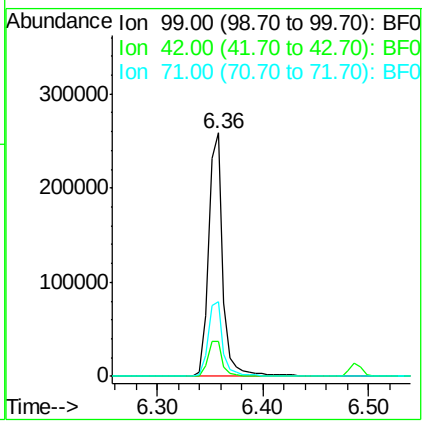


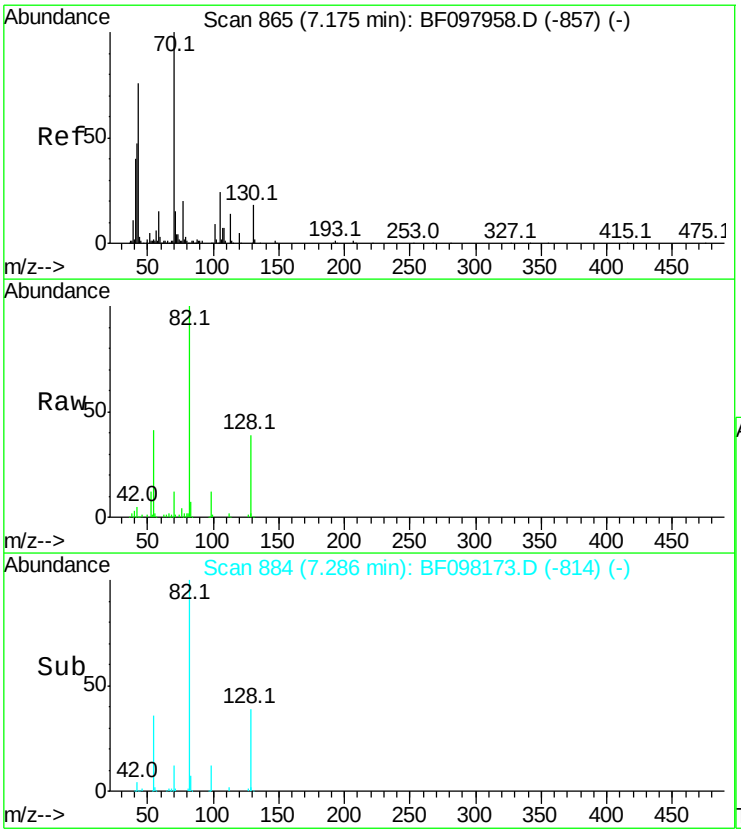
#7
Phenol-d6
Concen: 23.753 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 245483

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.5	20.3
71	30.5	24.5	36.7

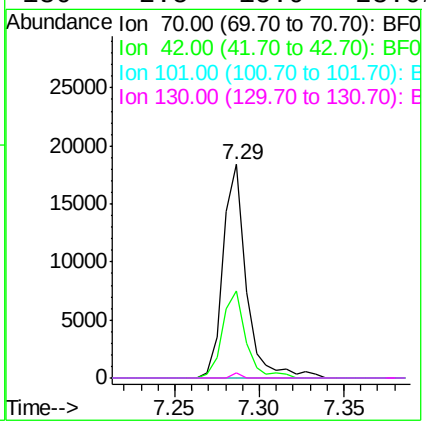


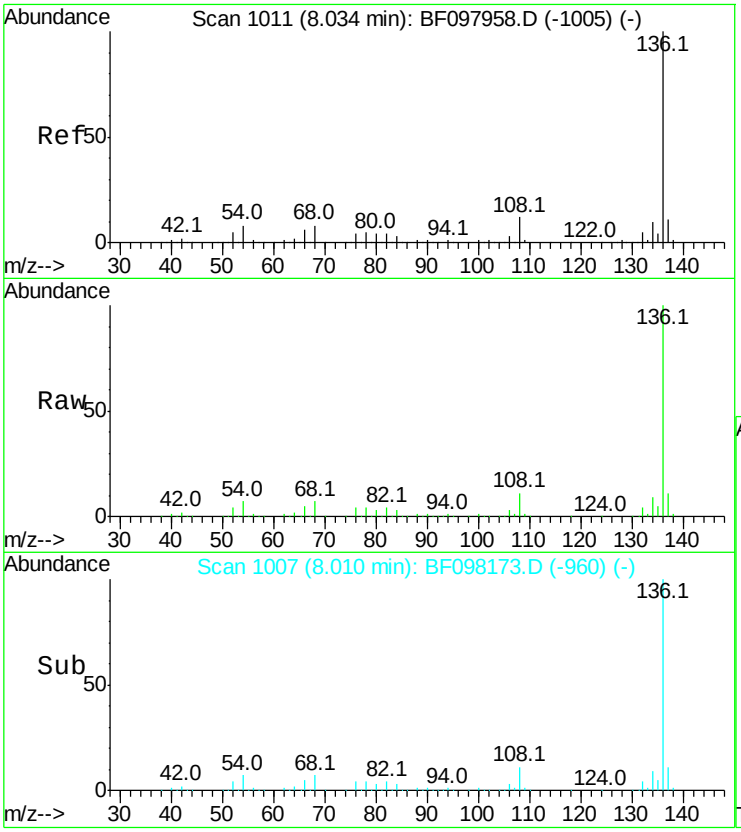


#19
n-Nitroso-di-n-propylamine
Concen: 2.498 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion: 70 Resp: 17676

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



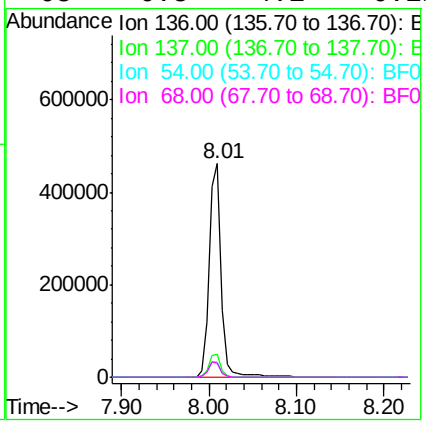


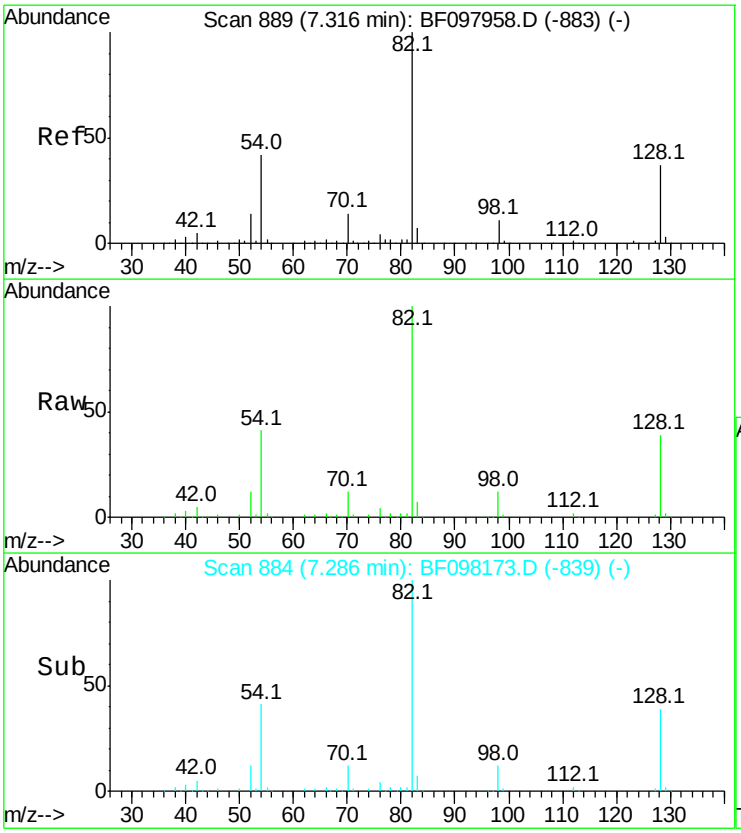
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 441293

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.0	4.9	7.3
68	6.8	4.1	6.1#

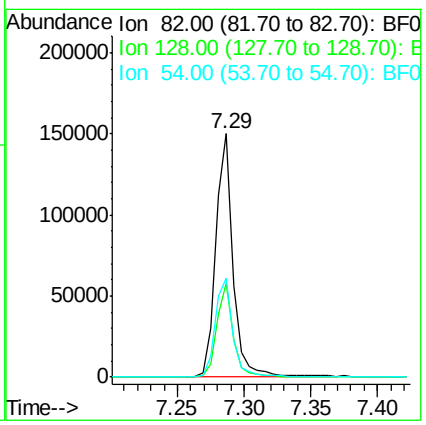


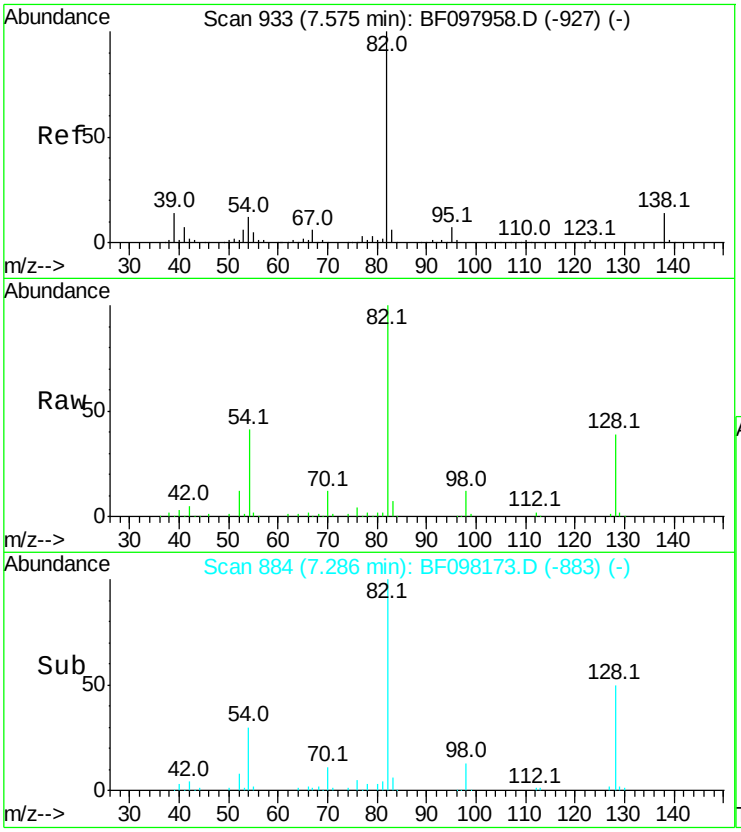


#23
Nitrobenzene-d5
Concen: 16.965 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion: 82 Resp: 137815

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.0	51.0
54	40.6	42.2	63.2#



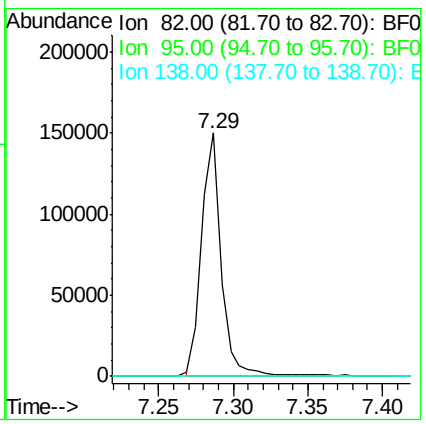


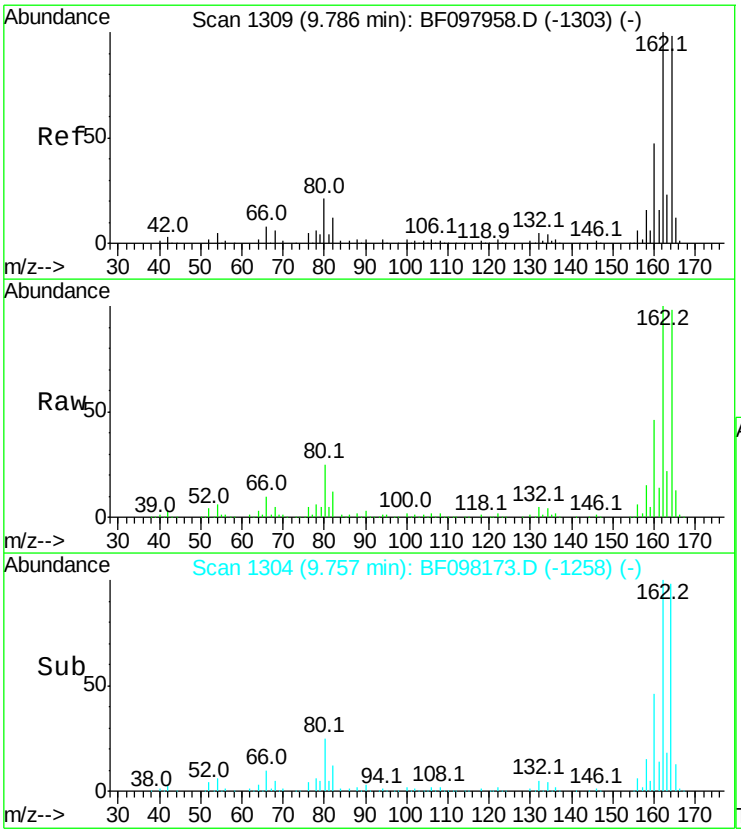
#25
Isophorone
Concen: 7.917 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 133726

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

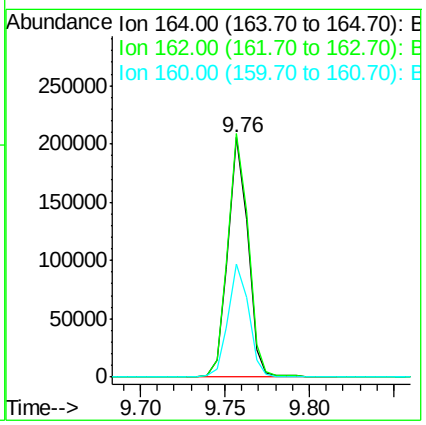


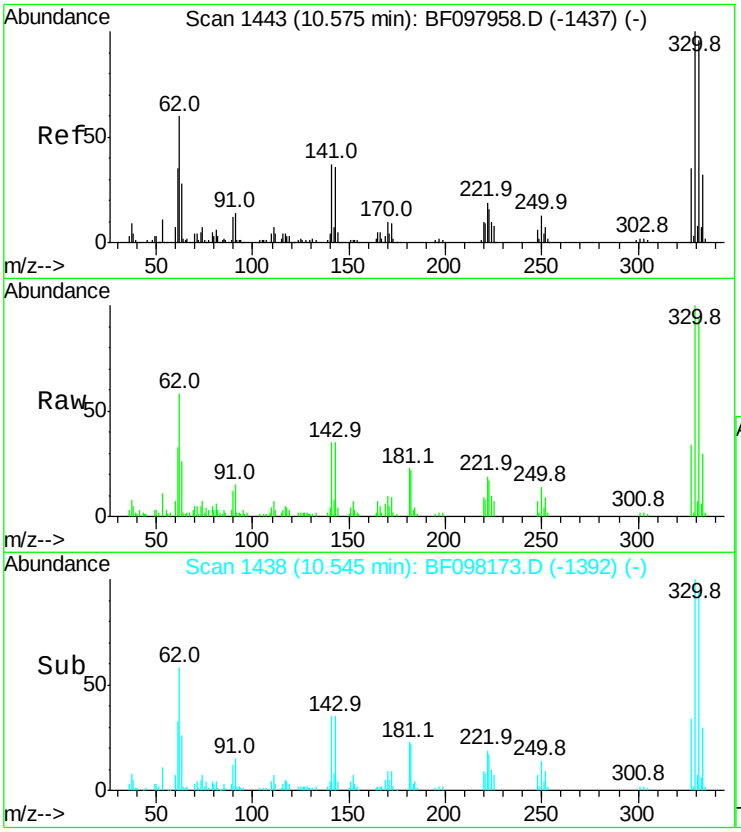


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:164 Resp: 170138

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	47.3	36.2	54.2



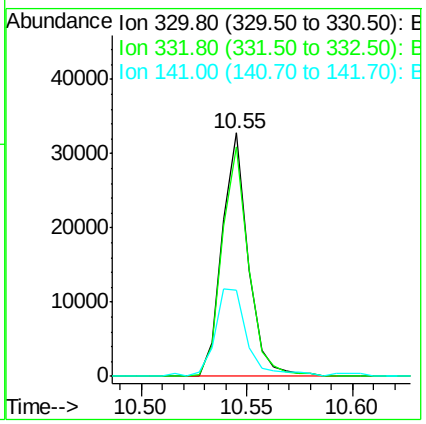


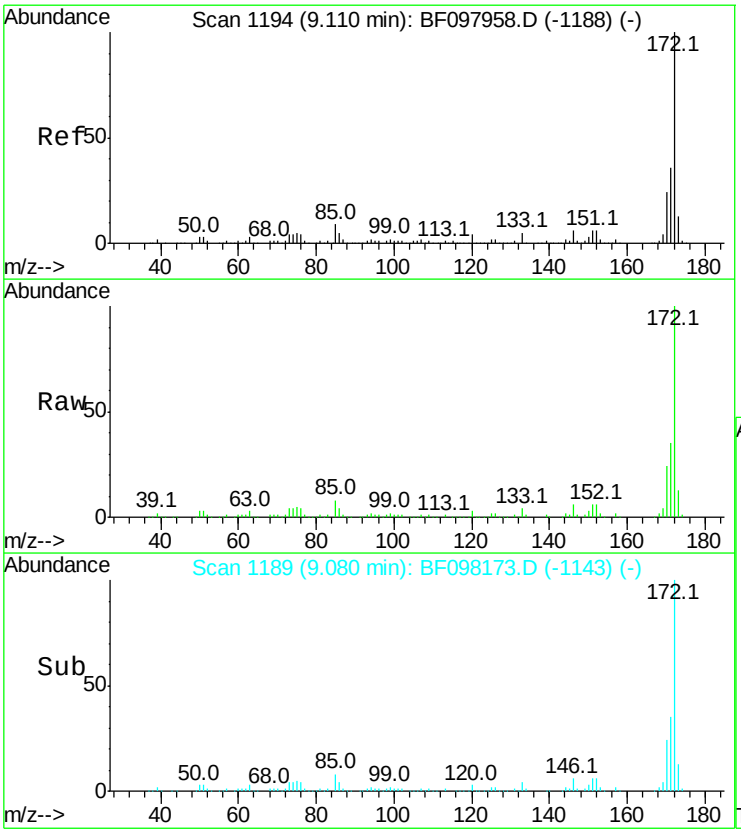
#41
2,4,6-Tribromophenol
Concen: 18.840 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 27812

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	44.9	31.4	47.2

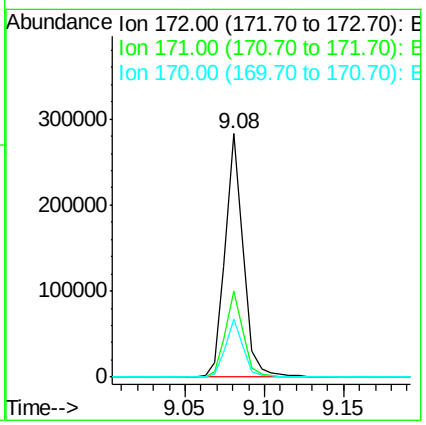


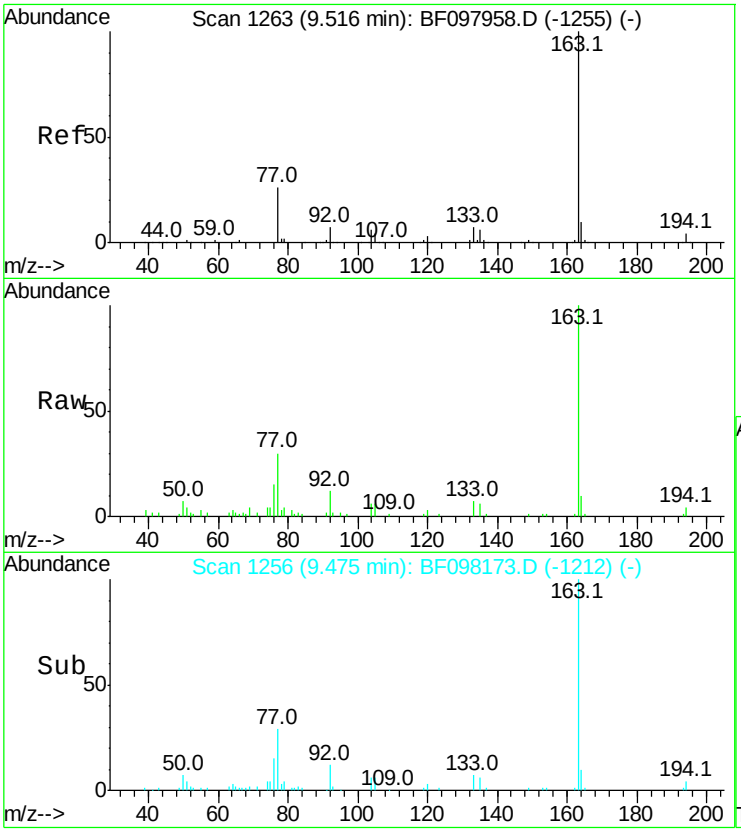


#44
2-Fluorobiphenyl
Concen: 19.568 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:172 Resp: 226607

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.7	19.8	29.8



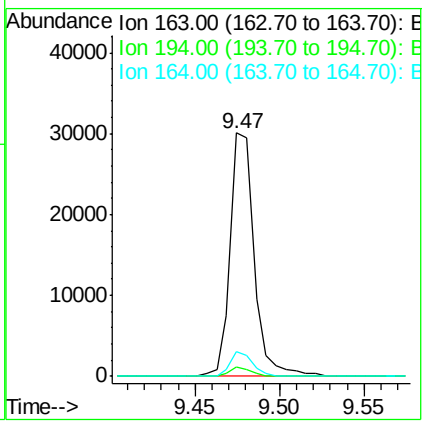


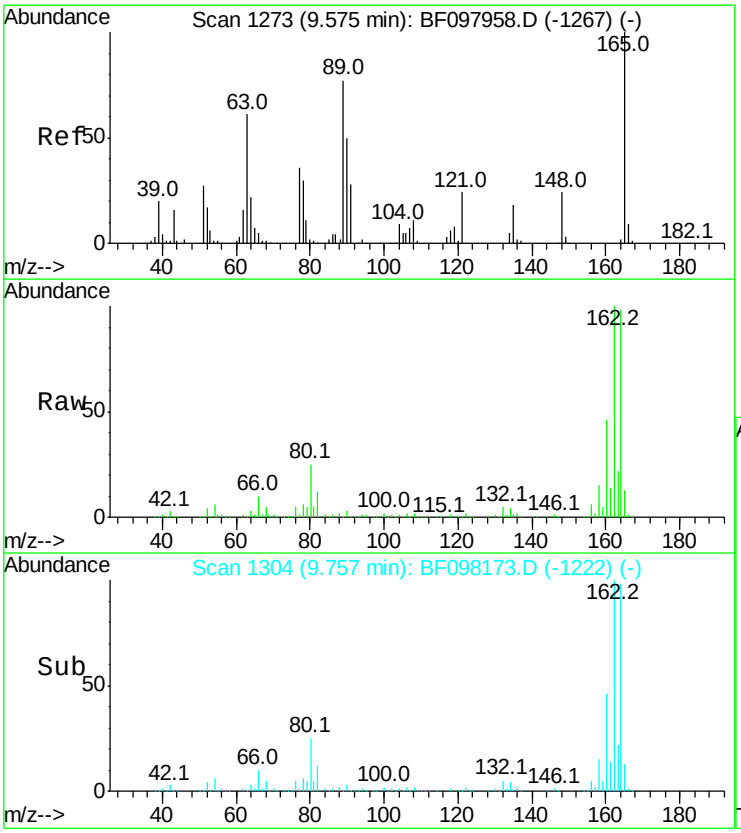
#49
Dimethylphthalate
Concen: 2.385 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29664

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	10.1	8.4	12.6

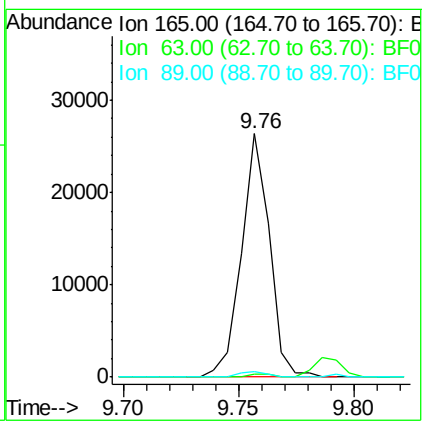


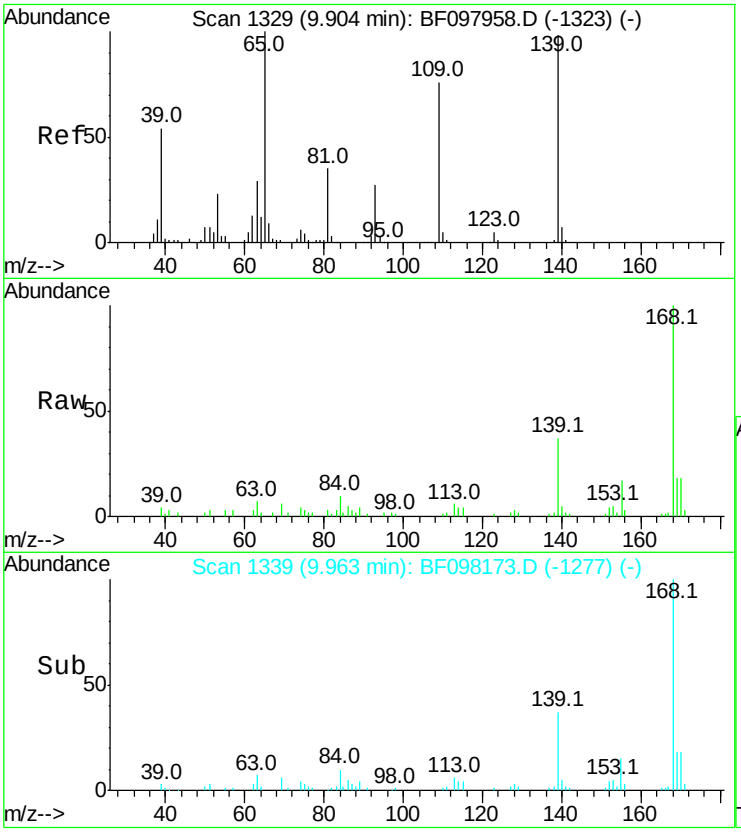


#50
2,6-Dinitrotoluene
Concen: 9.023 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.18 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:165 Resp: 22400

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	2.3	37.1	55.7#



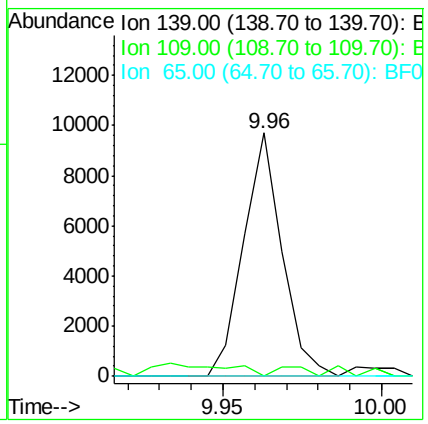


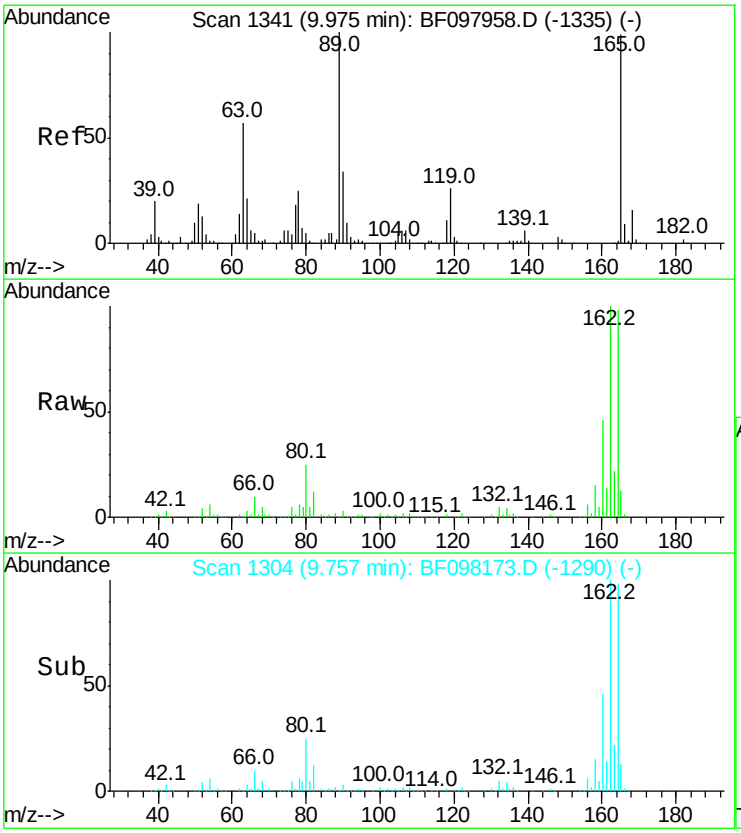
#55
4-Nitrophenol
Concen: 3.200 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.06 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8176

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

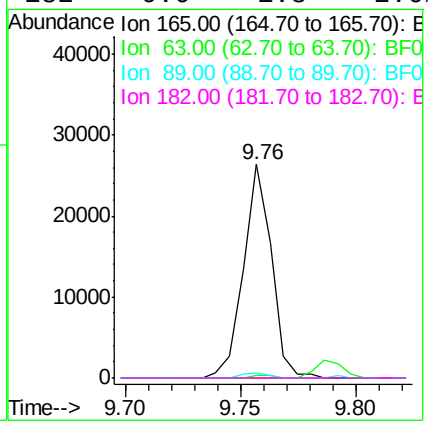


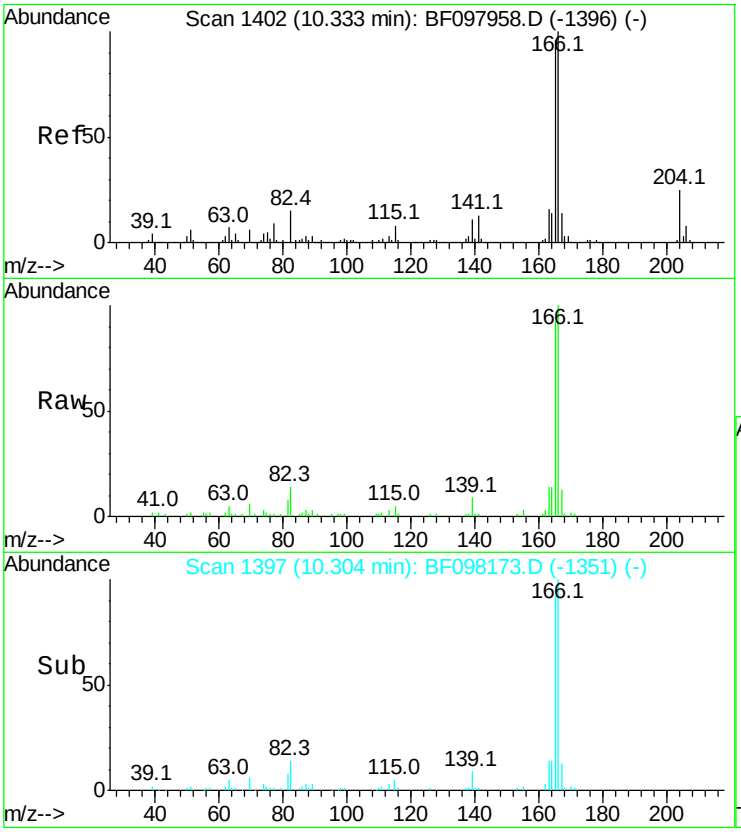


#56
2,4-Dinitrotoluene
Concen: 7.190 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:165 Resp: 22400

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	2.3	46.4	69.6#
182	0.0	1.8	2.6#



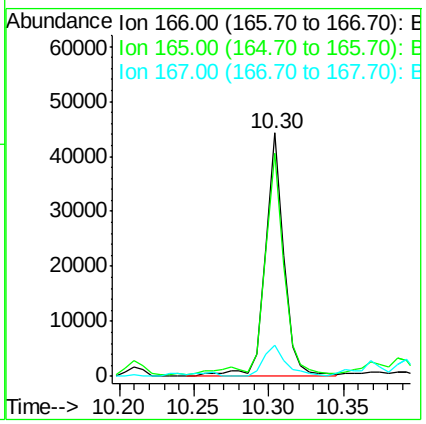


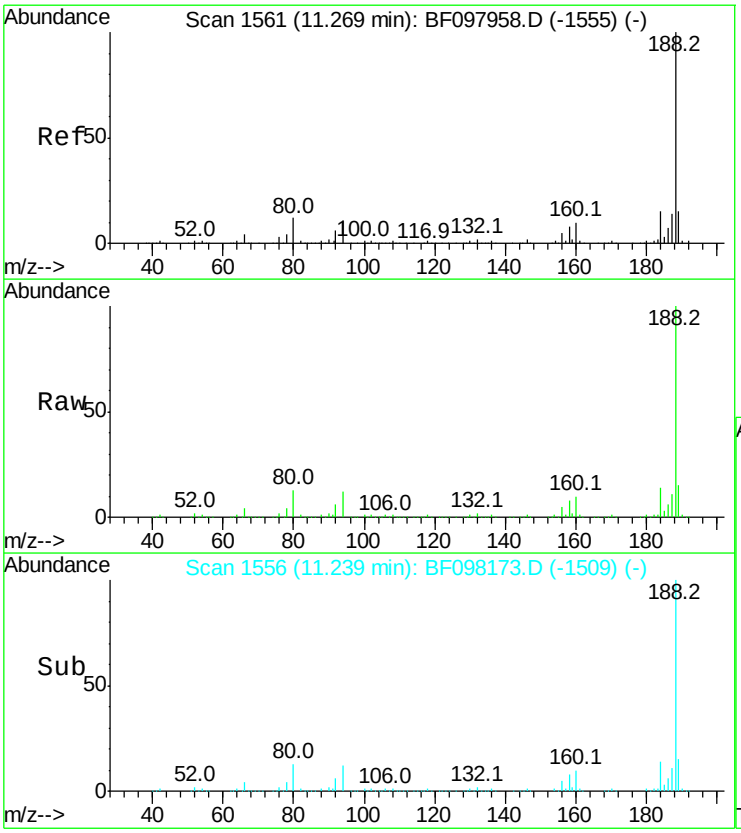
#57
Fluorene
Concen: 3.224 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 37934

Ion	Ratio	Lower	Upper
166	100		
165	91.5	78.8	118.2
167	12.9	10.6	16.0

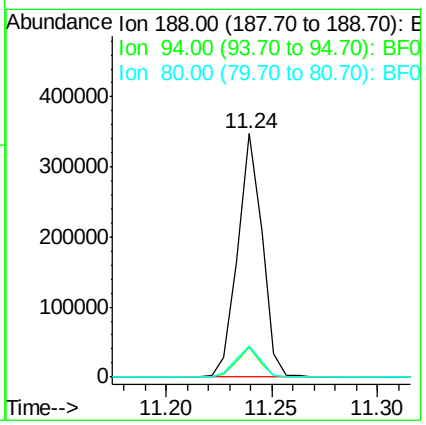


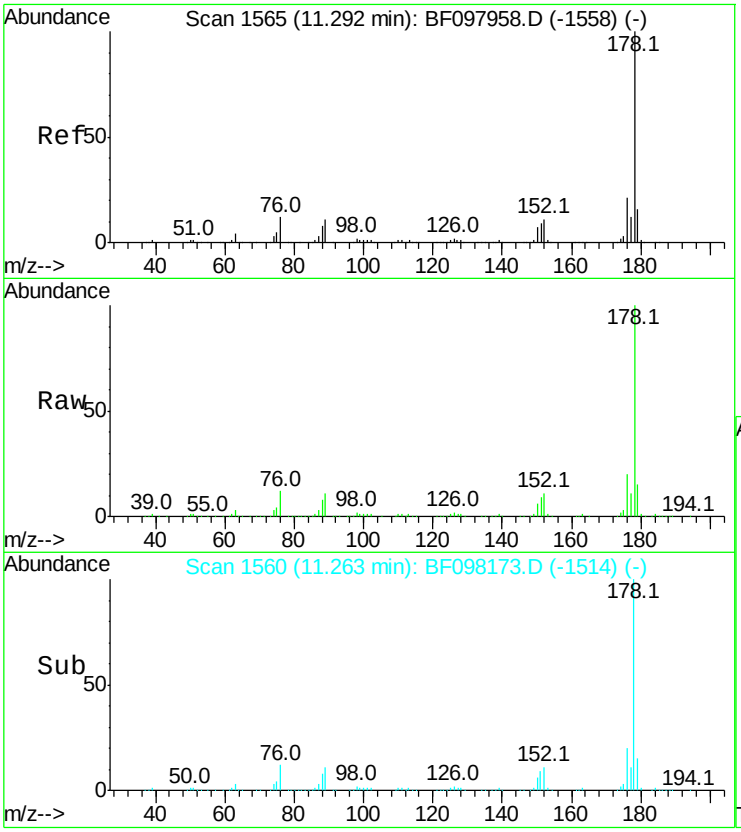


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:188 Resp: 278862

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.8	10.2	15.2



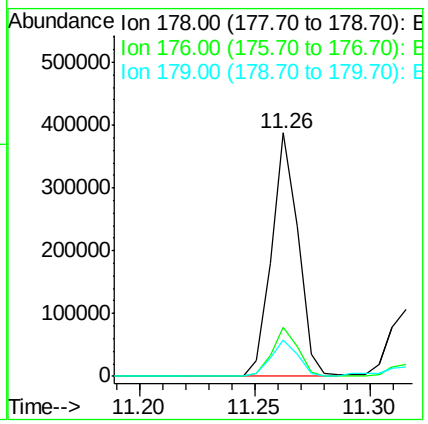


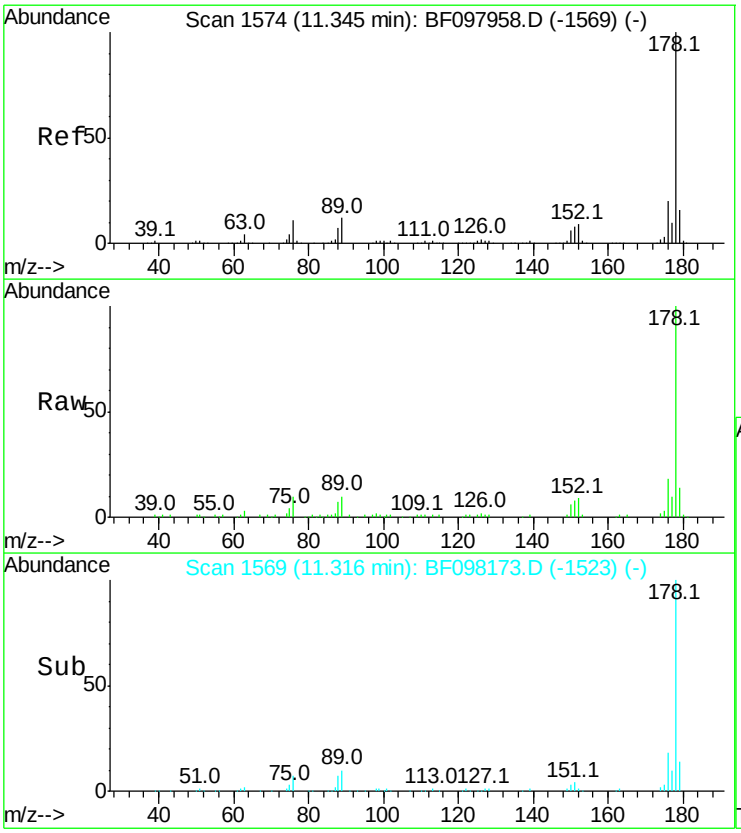
#70
Phenanthrene
Concen: 20.768 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 308608

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.0	12.6	19.0

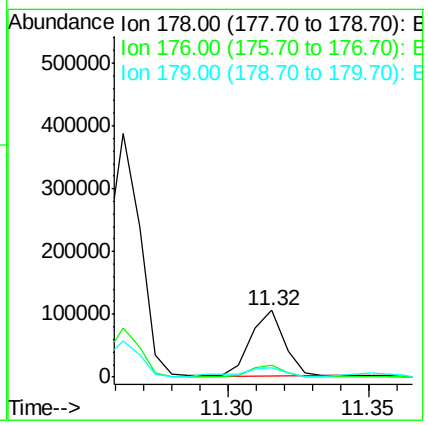


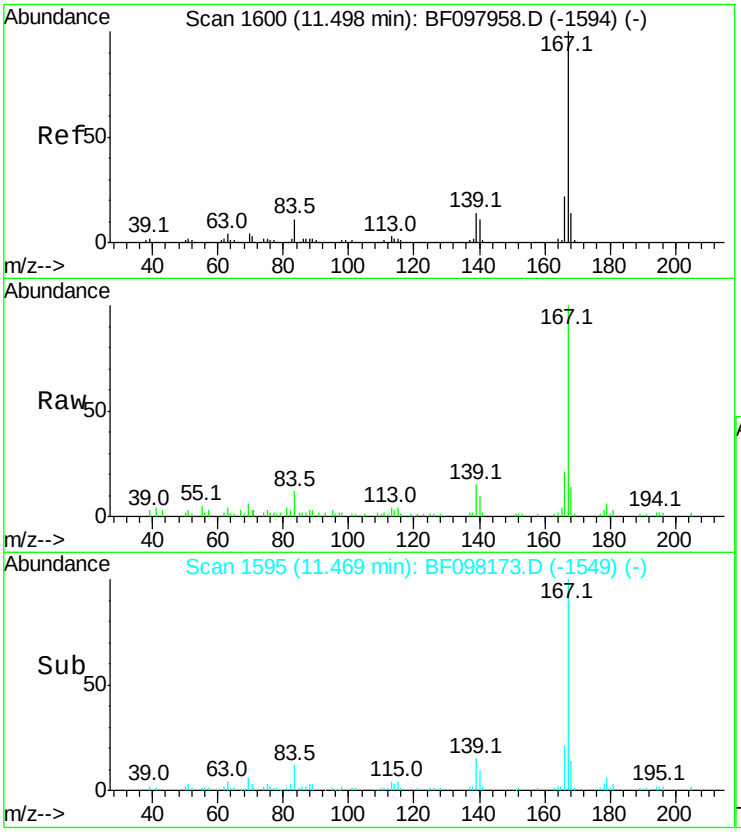


#71
Anthracene
Concen: 5.797 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:178 Resp: 87366

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	14.4	12.7	19.1



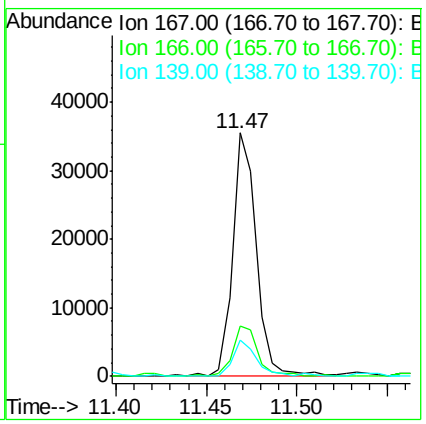


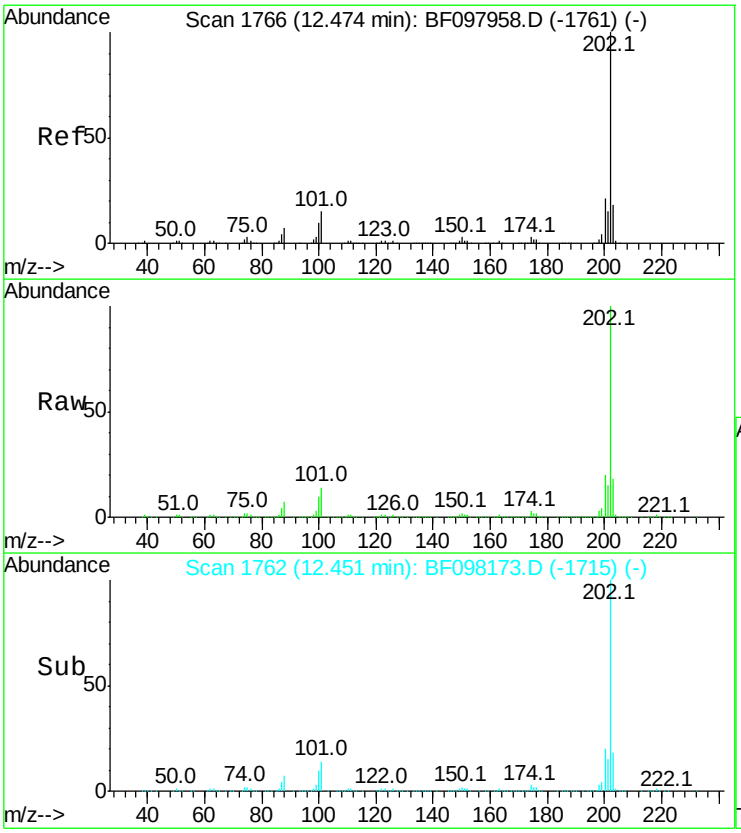
#72
Carbazole
Concen: 2.270 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 32478

Ion	Ratio	Lower	Upper
167	100		
166	20.6	18.1	27.1
139	15.1	11.7	17.5

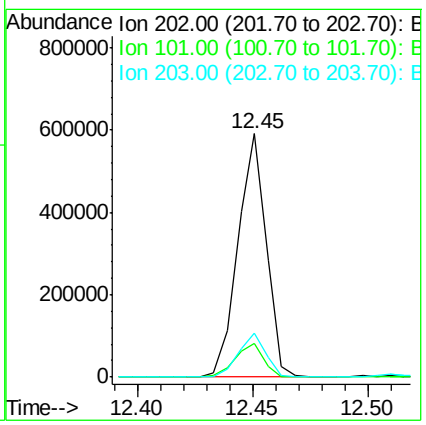


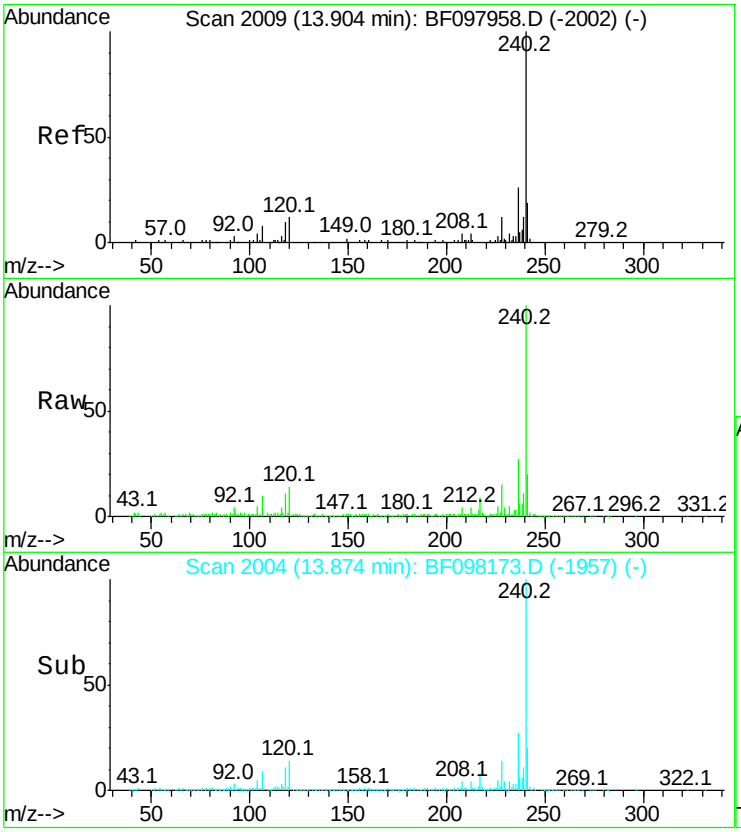


#74
Fluoranthene
Concen: 32.595 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:202 Resp: 505551

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	18.2	0.0	38.1



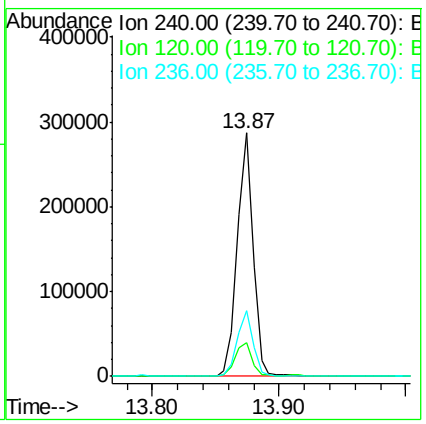


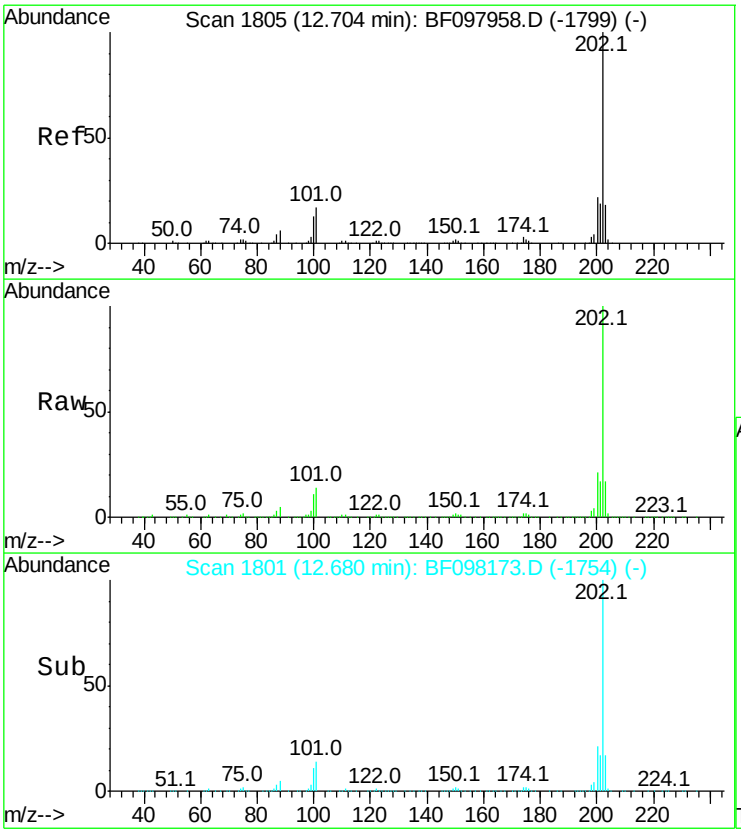
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 243742

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.7	20.5	30.7

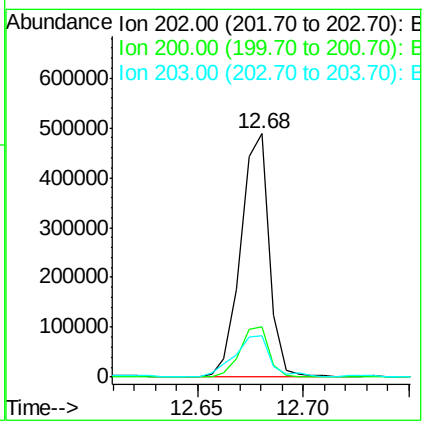


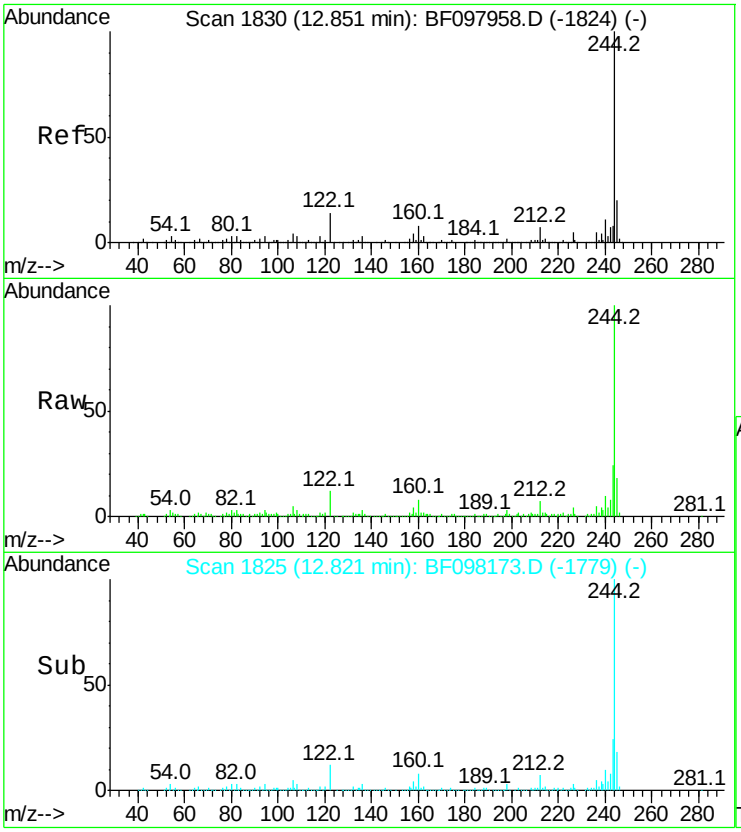


#77
Pyrene
Concen: 22.968 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:202 Resp: 457869

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.3	14.4	21.6



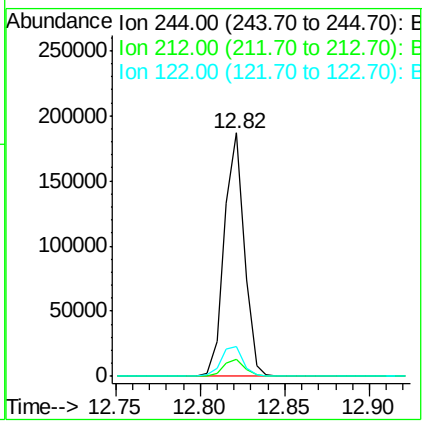


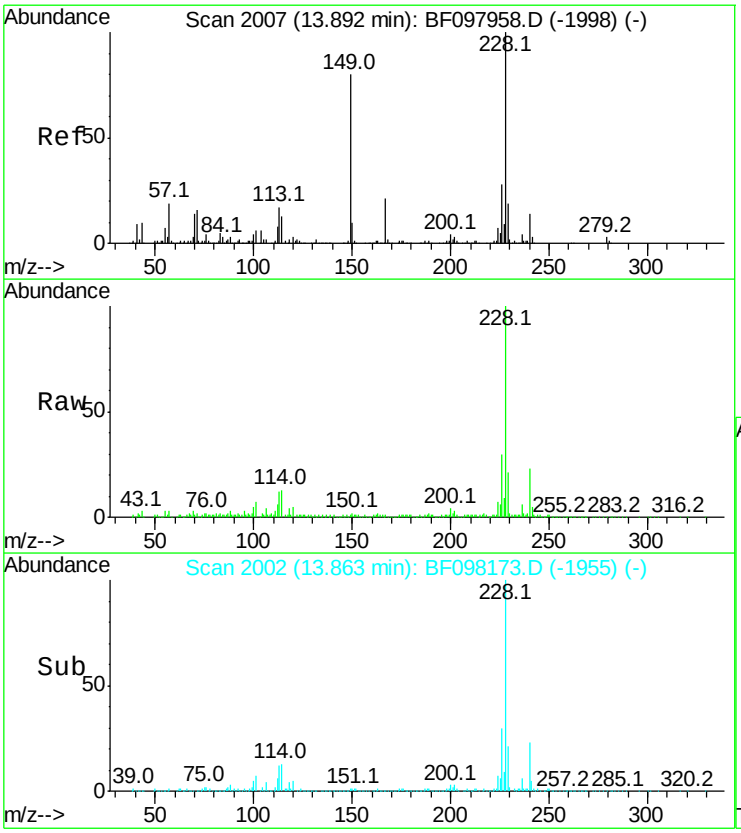
#78
Terphenyl-d14
Concen: 13.107 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 153203

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.1	10.3	15.5

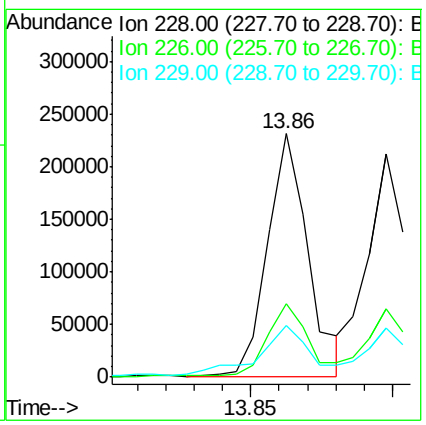


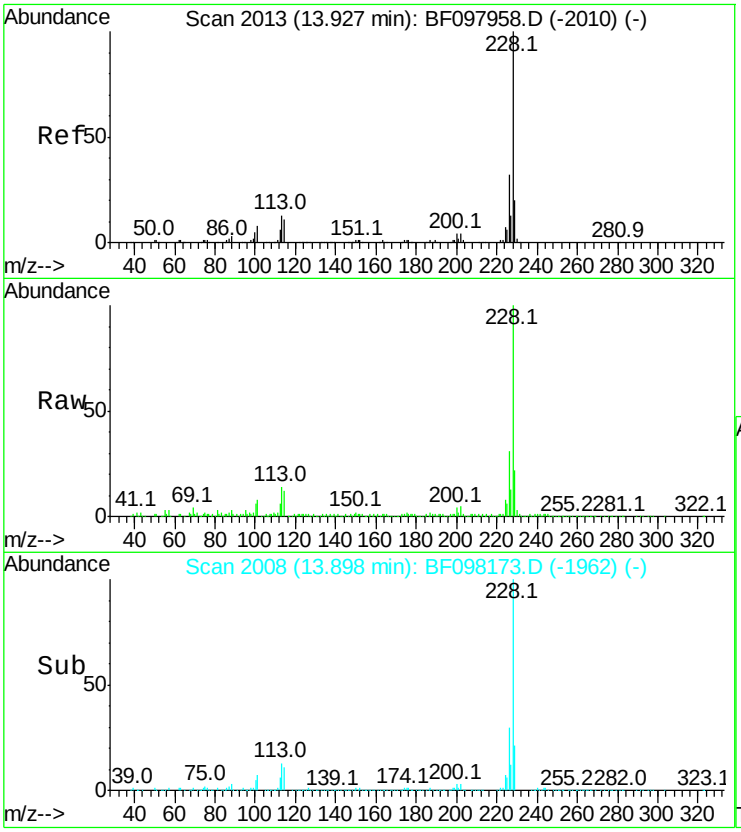


#80
Benzo(a)anthracene
Concen: 15.662 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:228 Resp: 228798

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.4	16.3	24.5



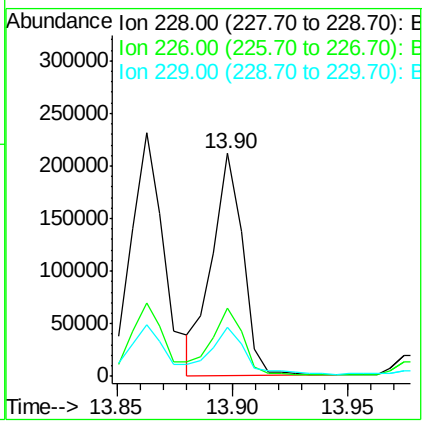


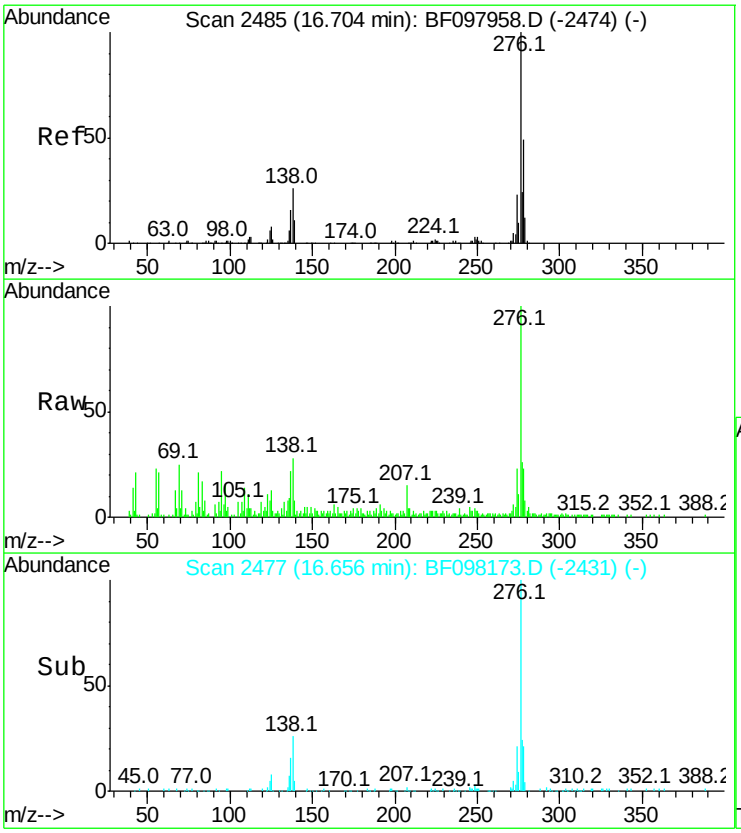
#82
Chrysene
Concen: 13.460 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 195605

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.9	15.8	23.6

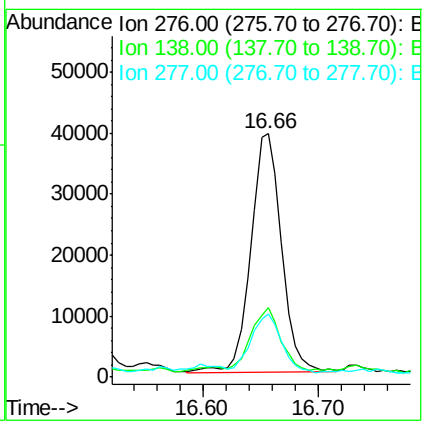


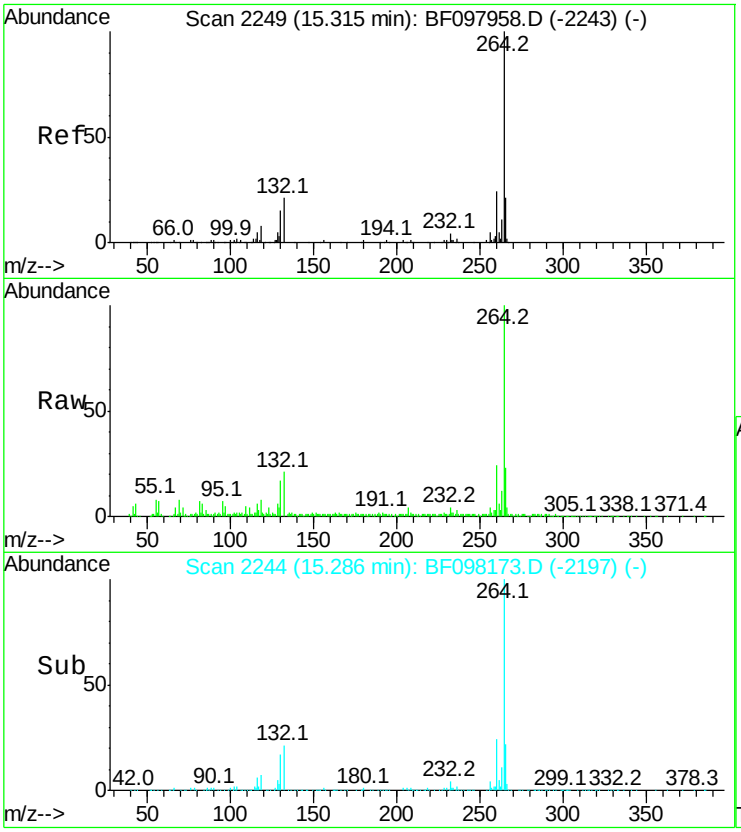


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.801 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:276 Resp: 72701

Ion	Ratio	Lower	Upper
276	100		
138	25.5	27.8	41.6#
277	23.9	20.2	30.4



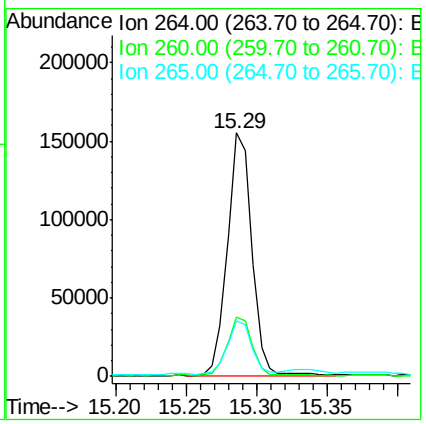


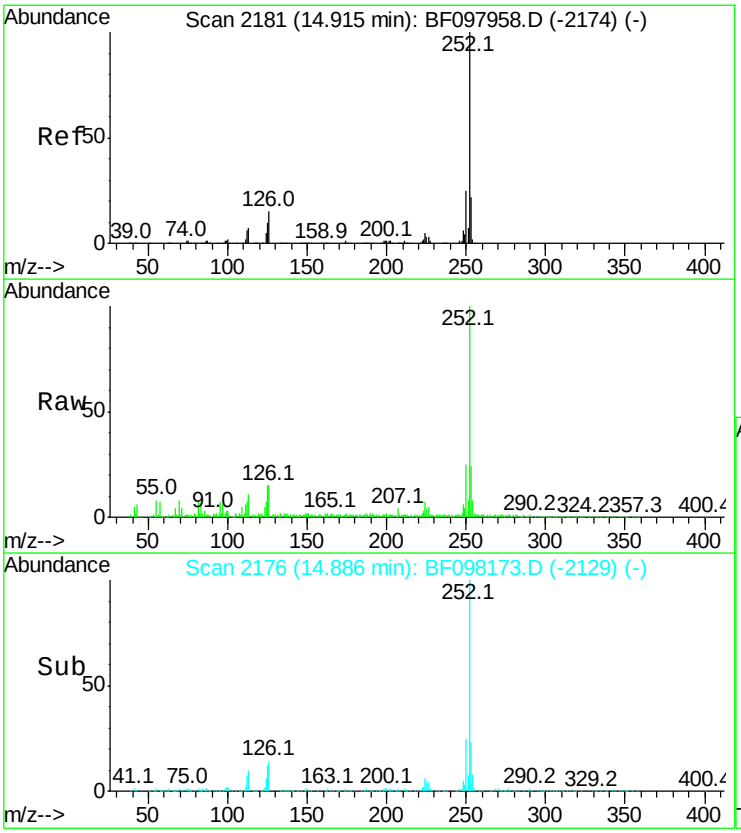
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 186188

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.8	17.2	25.8

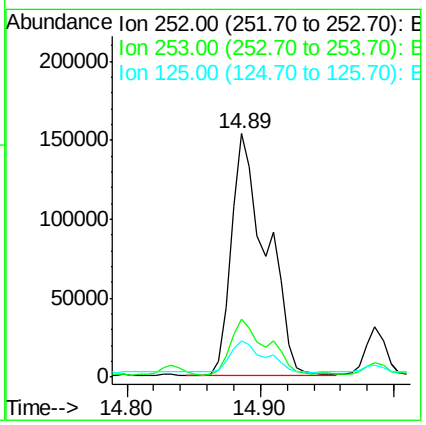


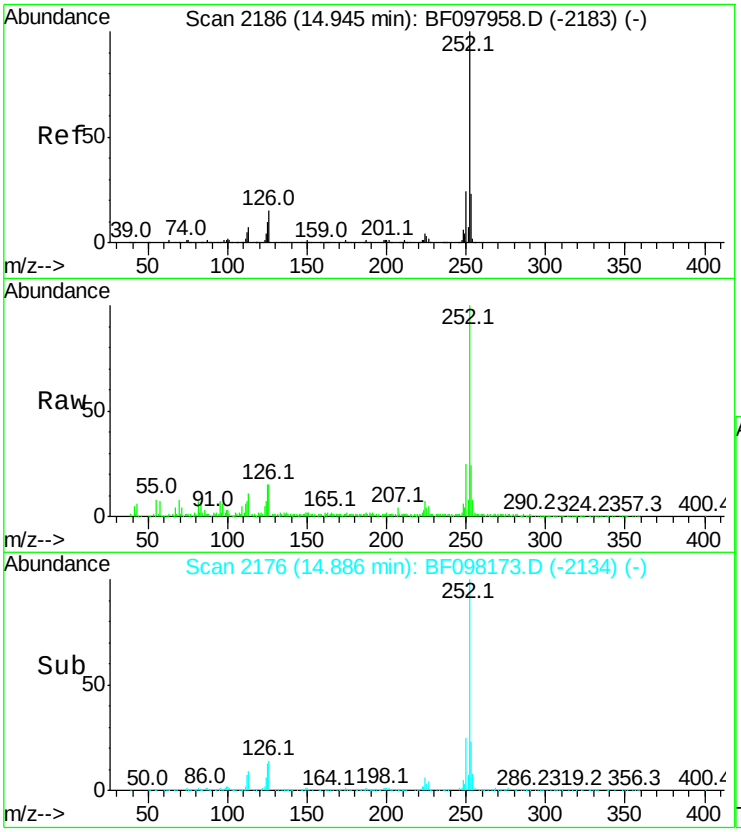


#87
Benzo(b)fluoranthene
Concen: 23.876 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:252 Resp: 280211

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	14.8	9.8	14.8#



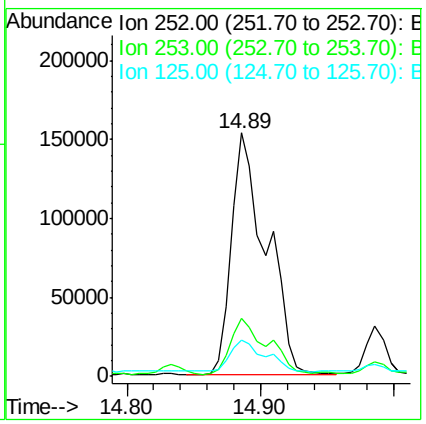


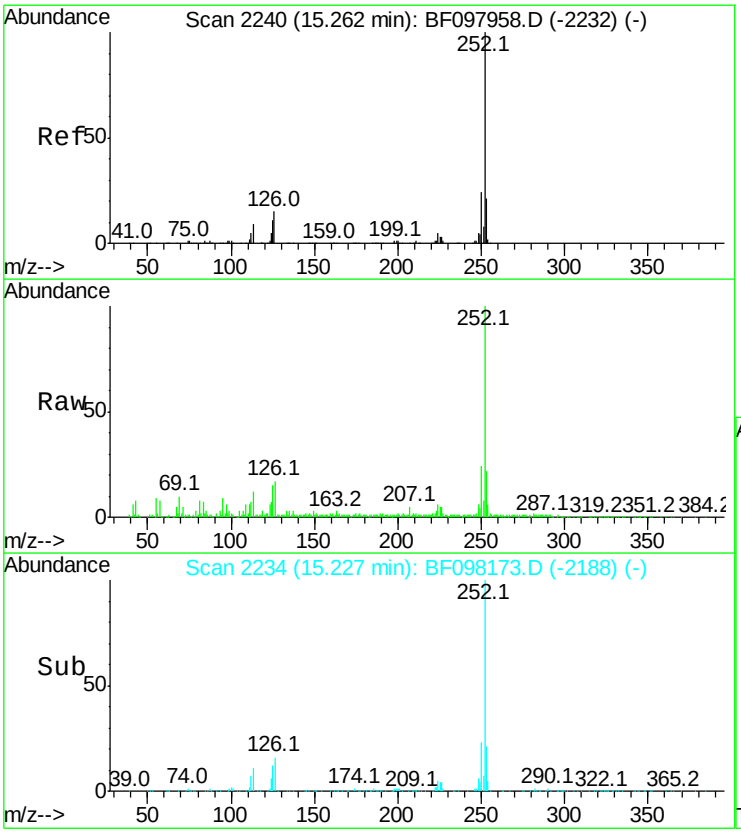
#88
Benzo(k)fluoranthene
Concen: 25.414 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.05 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 280211

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	14.8	13.1	19.7

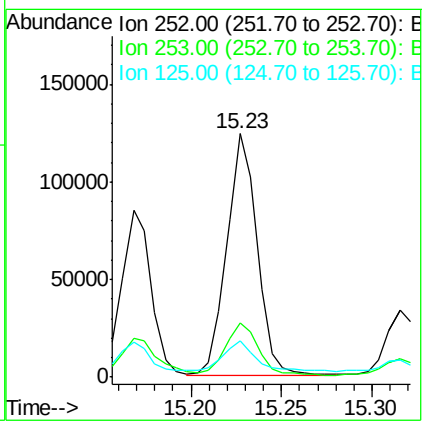


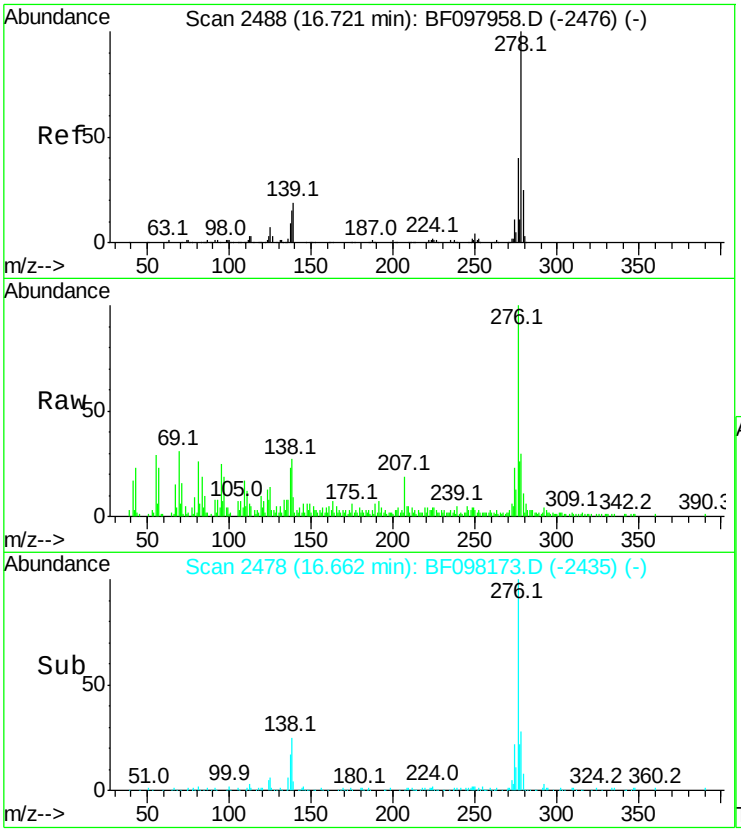


#89
Benzo(a)pyrene
Concen: 13.892 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:252 Resp: 144334

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.8	11.0	16.4



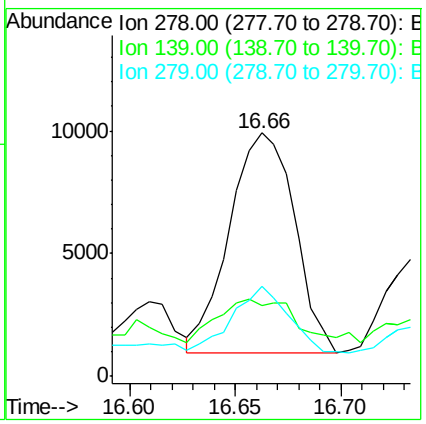


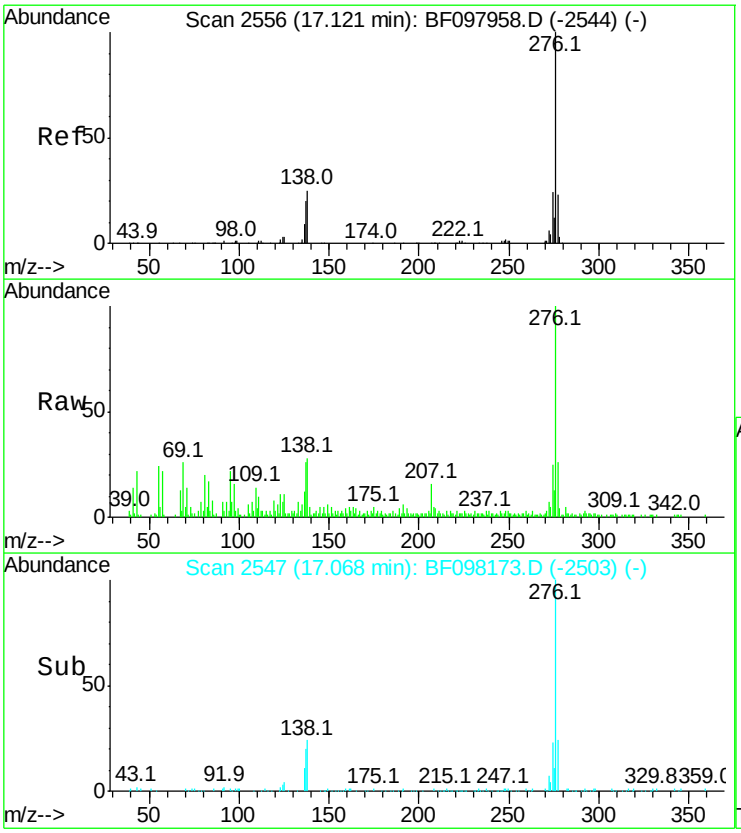
#90
Dibenzo(a,h)anthracene
Concen: 2.268 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.05 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 19182

Ion	Ratio	Lower	Upper
278	100		
139	29.3	16.6	24.8#
279	36.8	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 7.765 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.04 min
Lab File: BF098173.D
Acq: 30 Aug 2017 23:22

Tgt Ion:276 Resp: 68527

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	27.9	25.4	38.0