Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098195.D
Acq On : 31 Aug 2017 10:44
Operator : SJ/JU
Sample : I5024-04DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 12:39:16 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	6.73	152	120784	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	438407	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	166820	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	300022	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	251465	20.00	ng		-0.02
86) Perylene-d12	15.29	264	182737	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	83227	10.48	ng		-0.03
7) Phenol-d6	6.36	99	118755	11.01	ng		-0.03
23) Nitrobenzene-d5	7.29	82	62734	7.77	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	14552	10.05	ng		-0.03
44) 2-Fluorobiphenyl	9.08	172	111804	9.85	ng		-0.03
78) Terphenyl-d14	12.82	244	90615	7.51	ng		-0.03
Target Compounds							Qvalue
25) Isophorone	7.29	82	60201	3.588	ng	#	67
31) Naphthalene	8.03	128	135071	5.935	ng		99
32) Benzoic acid	7.81	122	1898	6.727	ng	#	31
37) 2-Methylnaphthalene	8.72	142	41159	2.950	ng		99
48) Acenaphthylene	9.62	152	62096	3.518	ng		99
50) 2,6-Dinitrotoluene	9.76	165	22849	9.387	ng	#	34
51) Acenaphthene	9.79	154	48005	4.312	ng		98
54) Dibenzofuran	9.96	168	85598	5.737	ng		99
55) 4-Nitrophenol	9.96	139	32188	12.849	ng	#	28
57) Fluorene	10.30	166	140288	12.162	ng		98
70) Phenanthrene	11.27	178	817182	51.114	ng		100
71) Anthracene	11.32	178	218061	13.448	ng		97
72) Carbazole	11.47	167	131011	8.512	ng		96
74) Fluoranthene	12.46	202	795095	47.647	ng		99
77) Pyrene	12.68	202	664340	32.301	ng		98
80) Benzo(a)anthracene	13.87	228	294092	19.513	ng		96
82) Chrysene	13.90	228	263464	17.573	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	85812	7.781	ng	#	90
87) Benzo(b)fluoranthene	14.89	252	328742	28.540	ng		99
88) Benzo(k)fluoranthene	15.17	252	100495	9.286	ng		100
89) Benzo(a)pyrene	15.23	252	171943	16.862	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	21337	2.570	ng	#	85
91) Benzo(g,h,i)perylene	17.07	276	75054	8.665	ng	#	90

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

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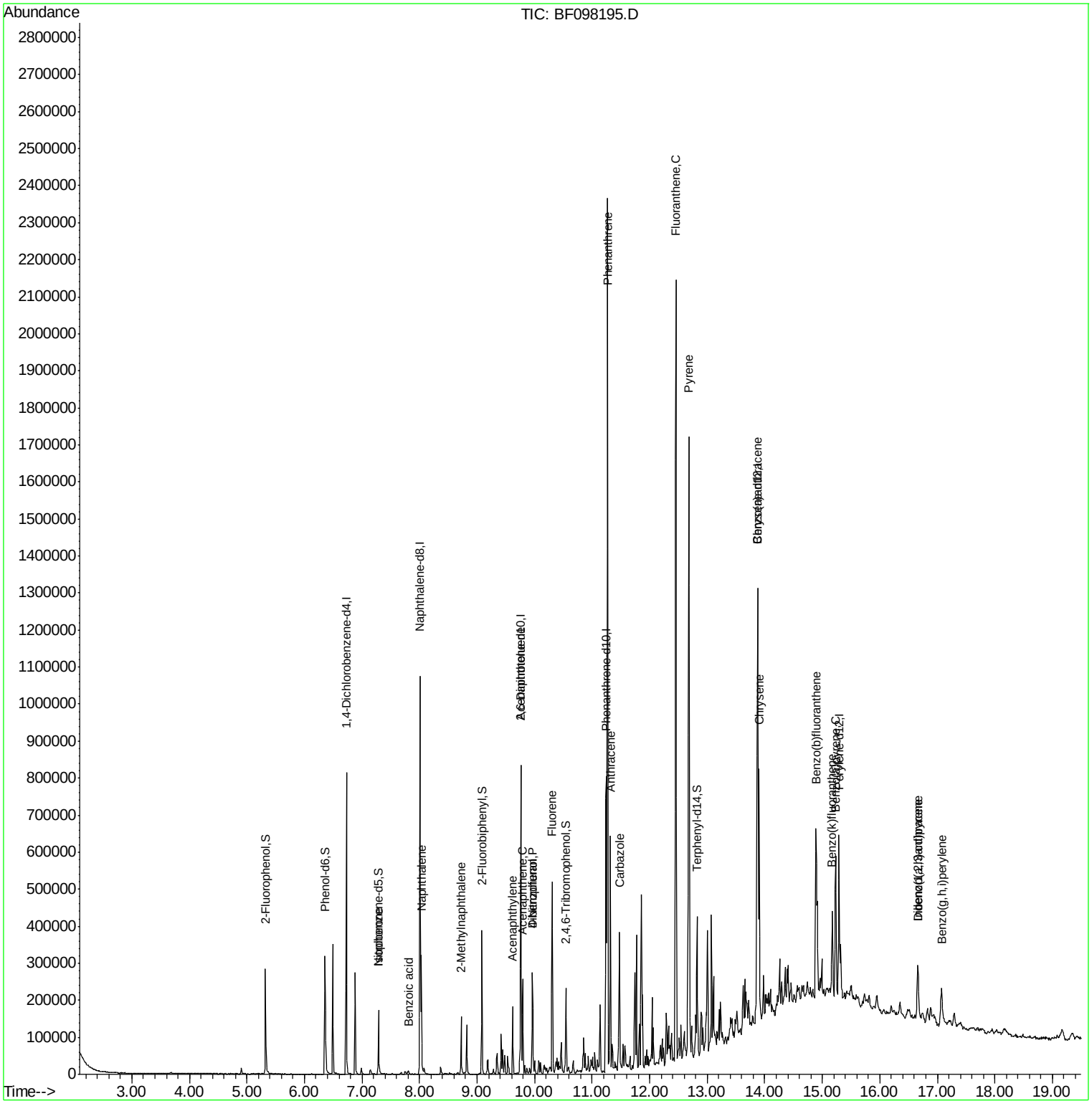
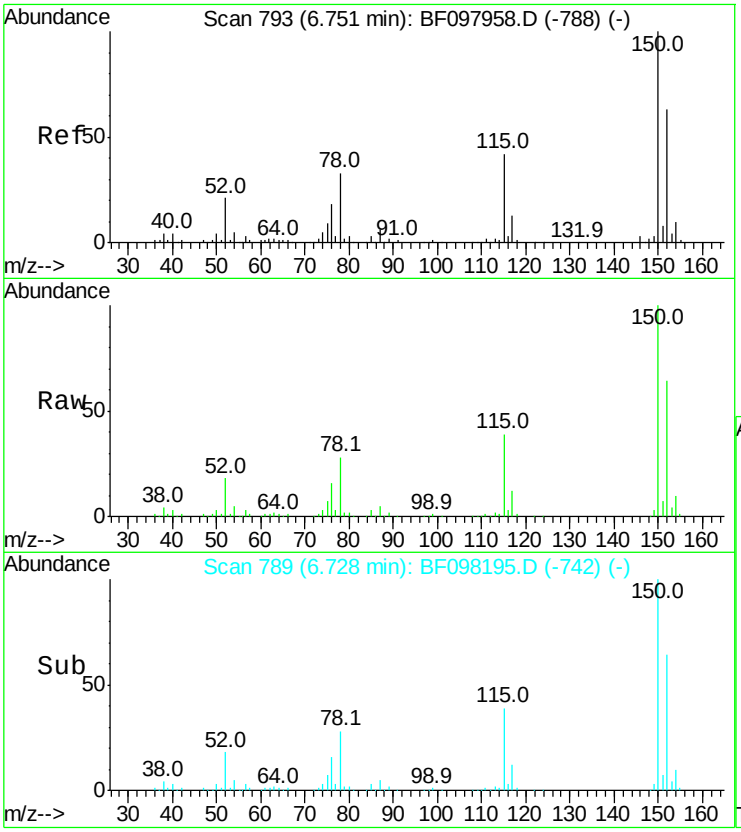


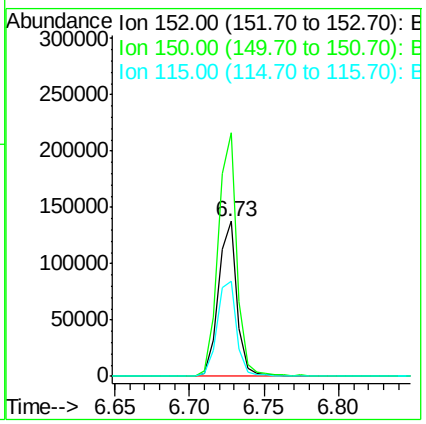


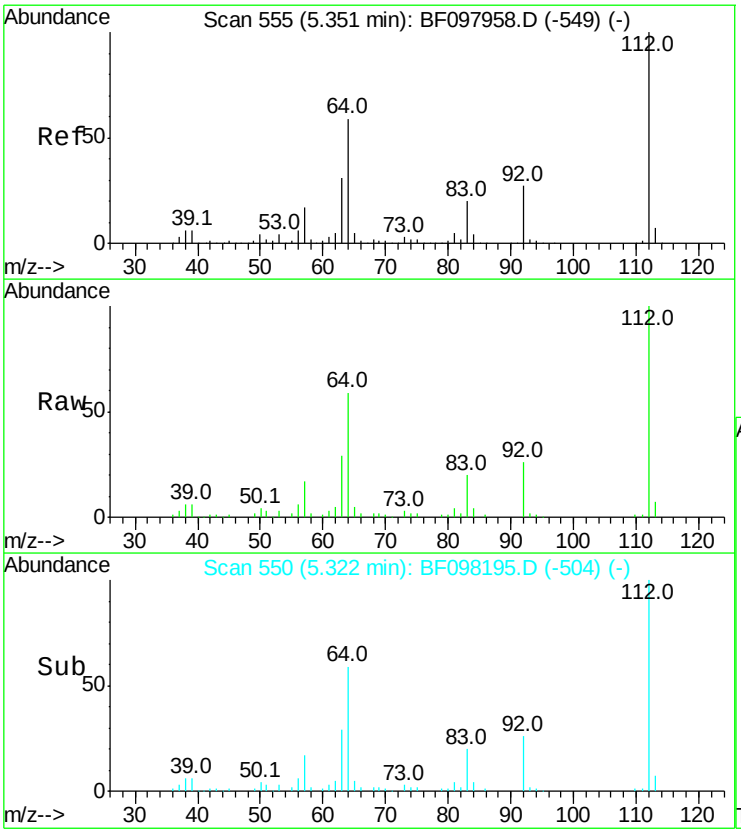
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120784

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.5	52.2	78.2

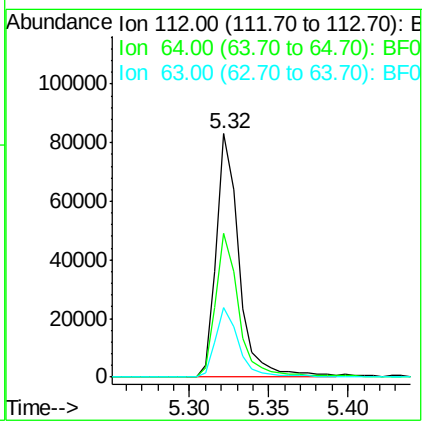


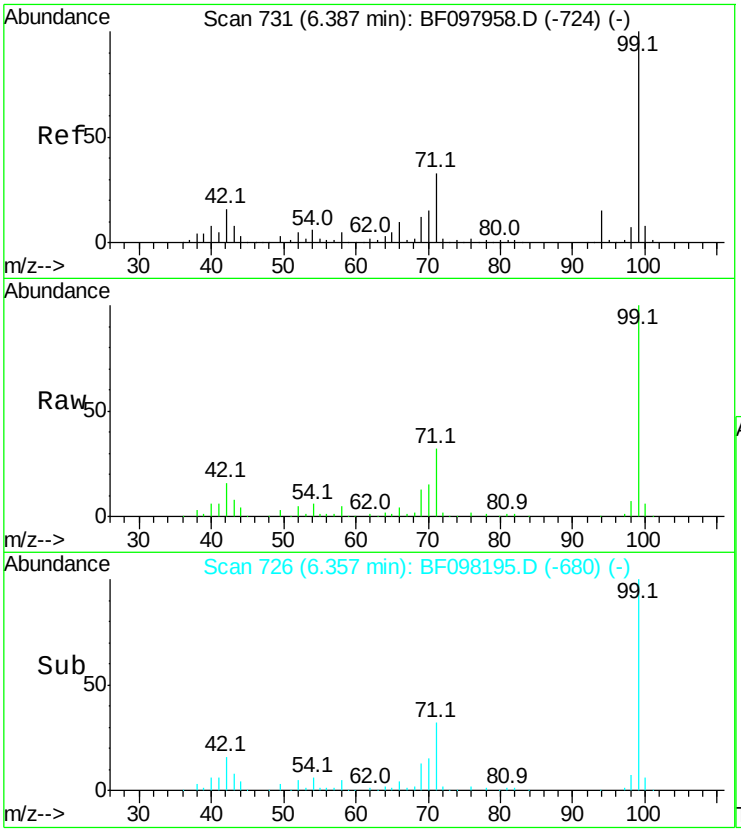


#5
2-Fluorophenol
Concen: 10.481 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:112 Resp: 83227

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	28.7	23.4	35.0



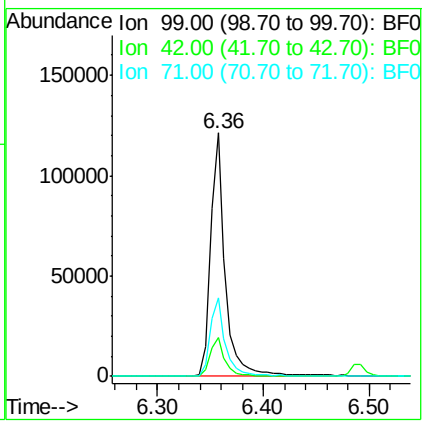


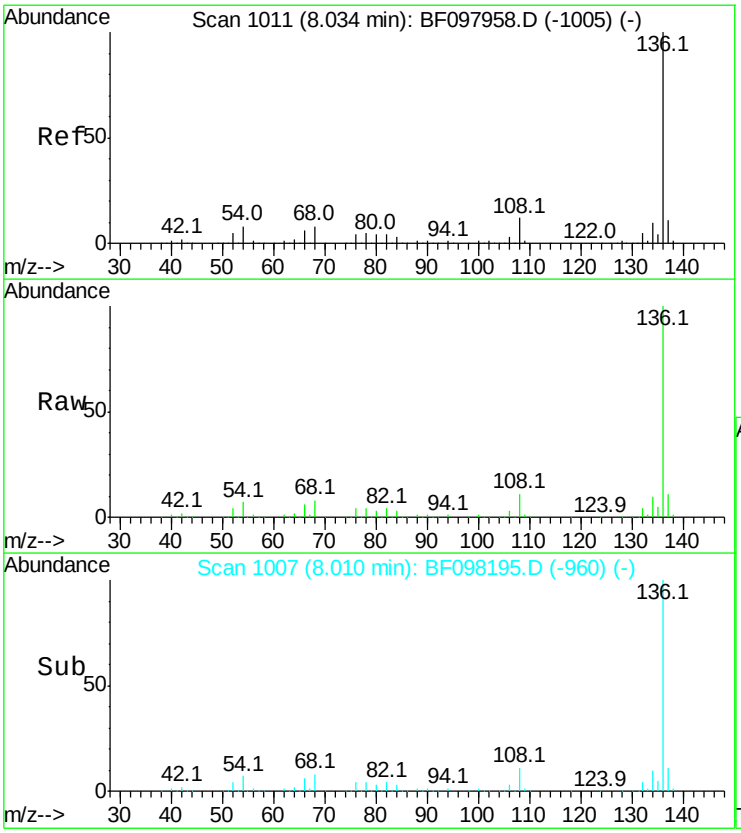
#7
Phenol-d6
Concen: 11.007 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 118755

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	32.4	24.5	36.7

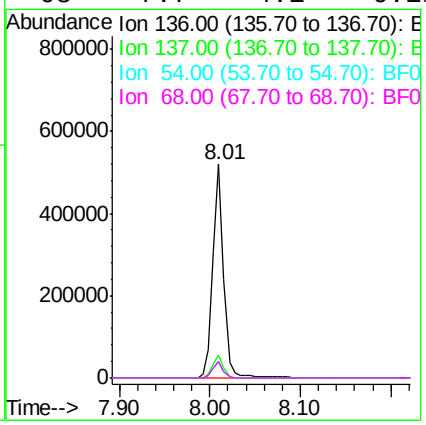


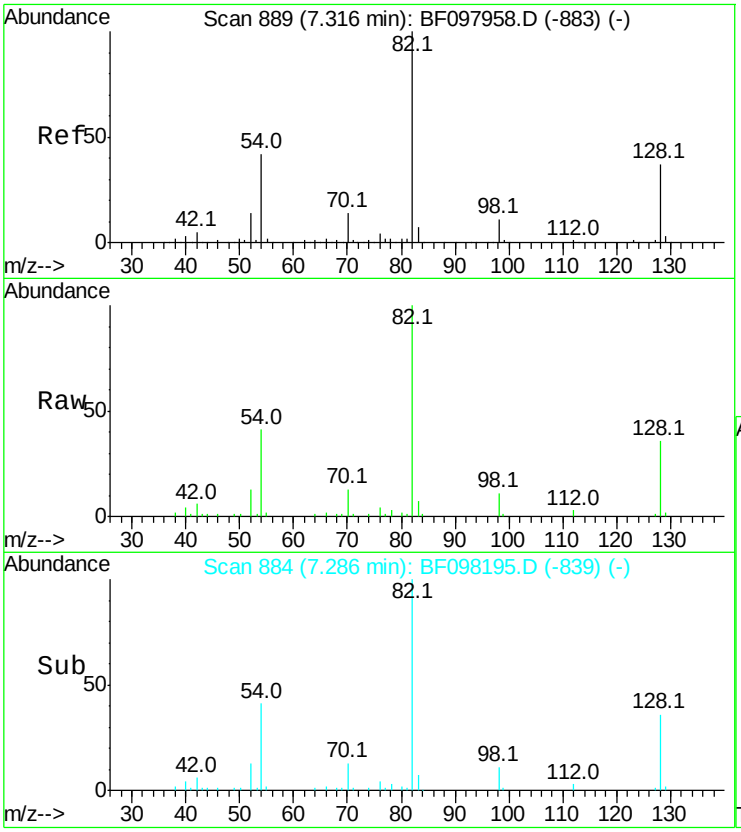


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:136 Resp: 438407

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.4	4.9	7.3#
68	7.7	4.1	6.1#



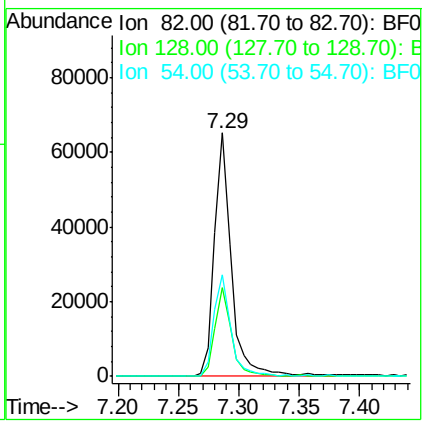


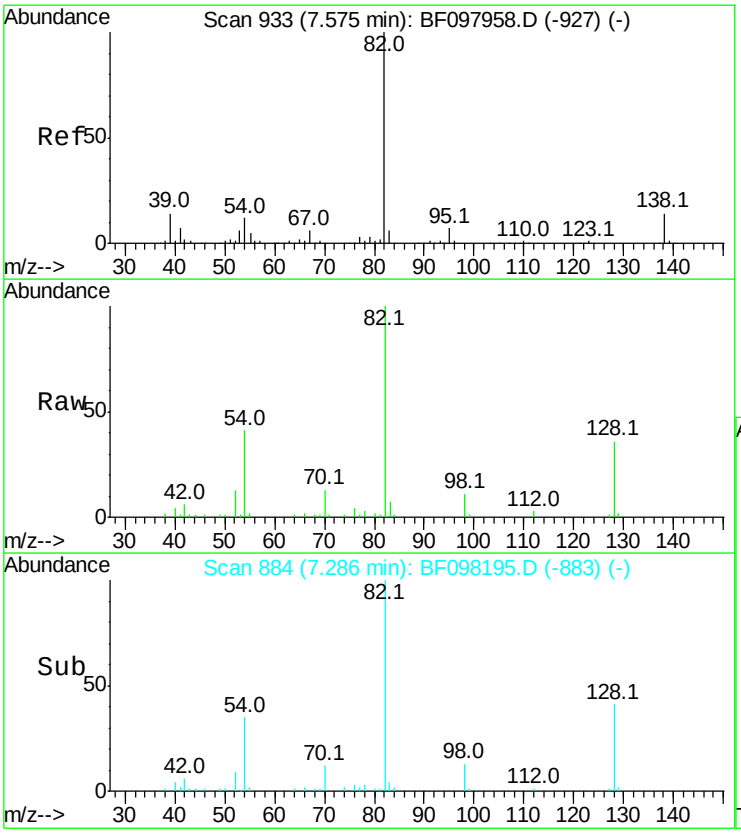
#23
Nitrobenzene-d5
Concen: 7.774 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 62734

Ion	Ratio	Lower	Upper
82	100		
128	36.4	34.0	51.0
54	41.5	42.2	63.2#

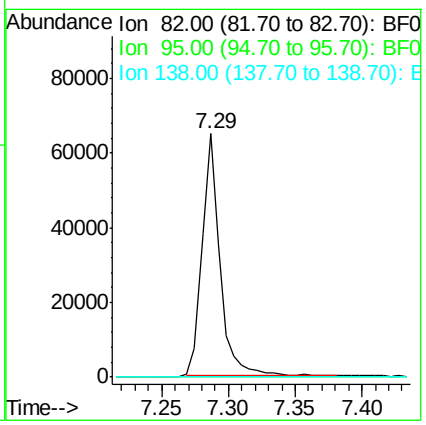


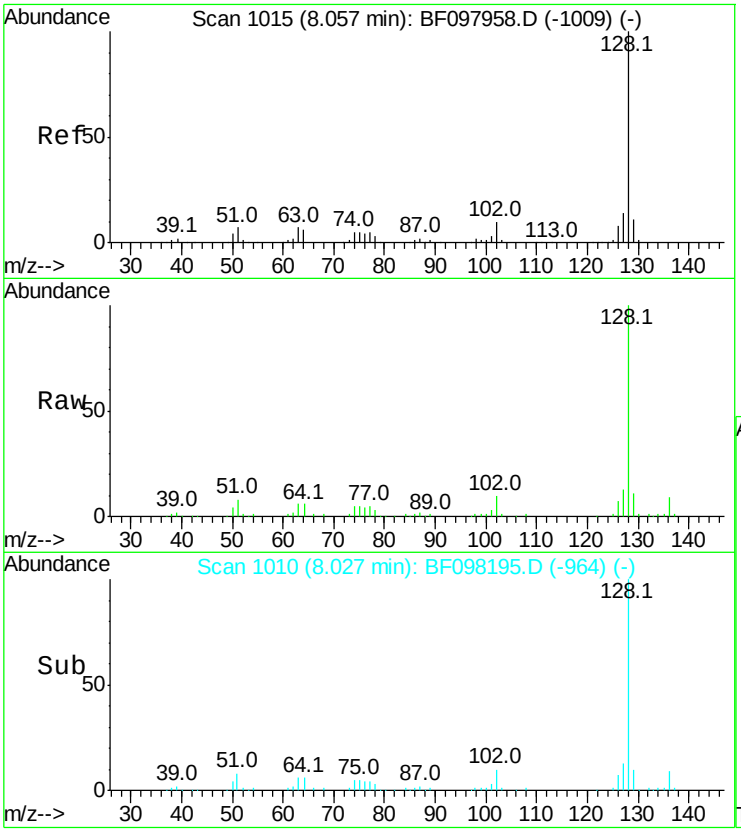


#25
Isophorone
Concen: 3.588 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion: 82 Resp: 60201

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



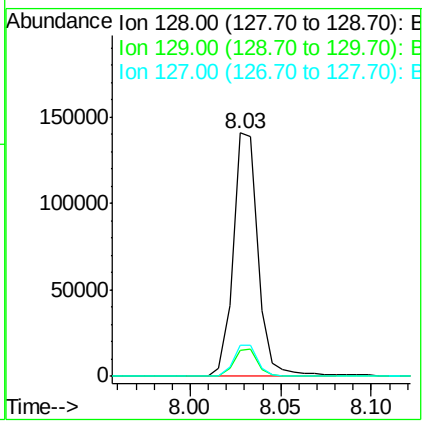


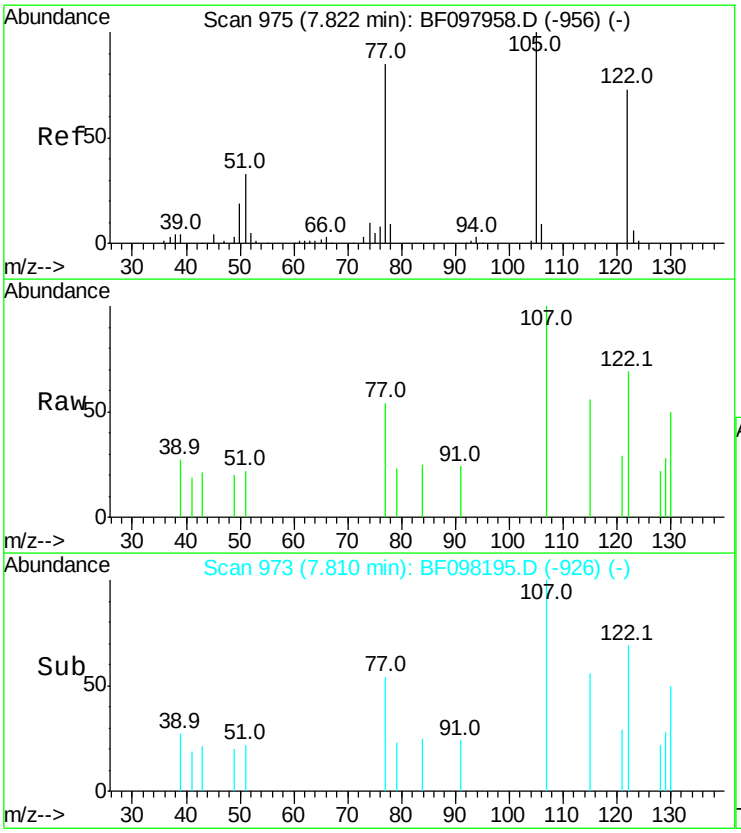
#31
Naphthalene
Concen: 5.935 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 135071

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.8	10.8	16.2

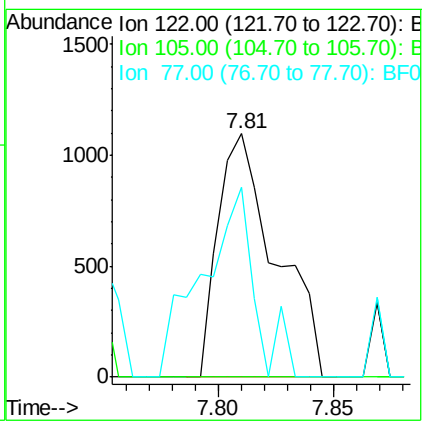


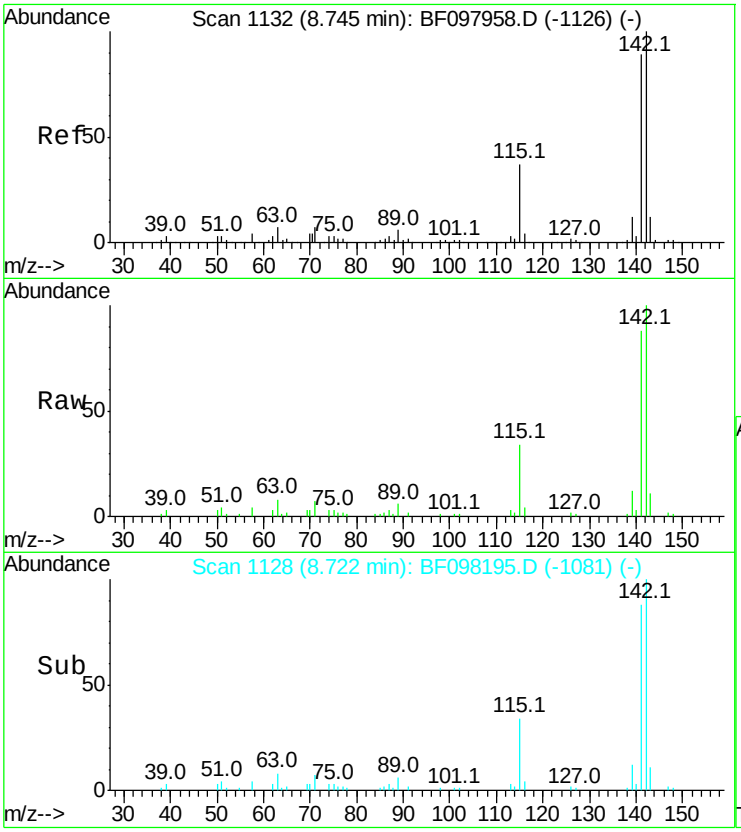


#32
Benzoic acid
Concen: 6.727 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:122 Resp: 1898

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	77.9	73.7	113.7



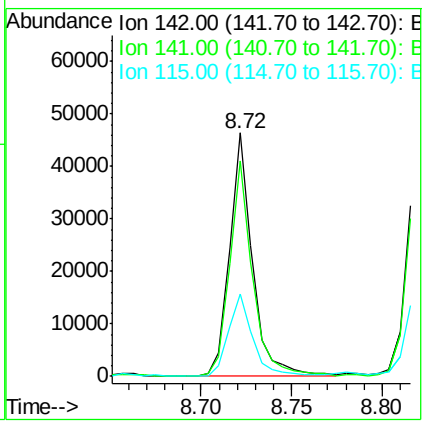


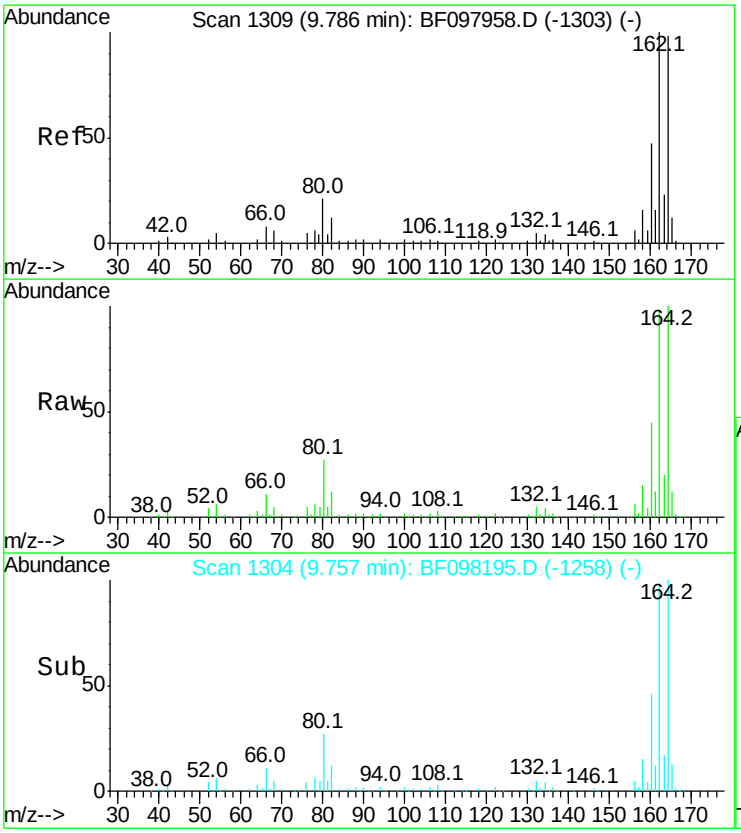
#37
2-Methylnaphthalene
Concen: 2.950 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 41159

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	33.7	27.1	40.7

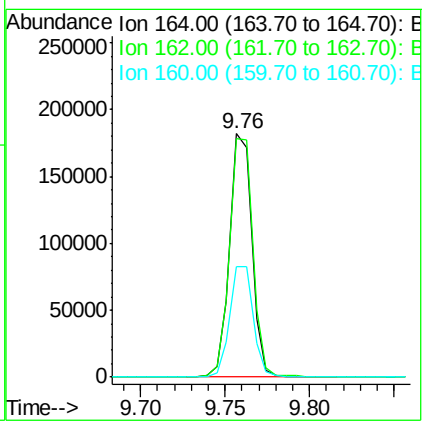


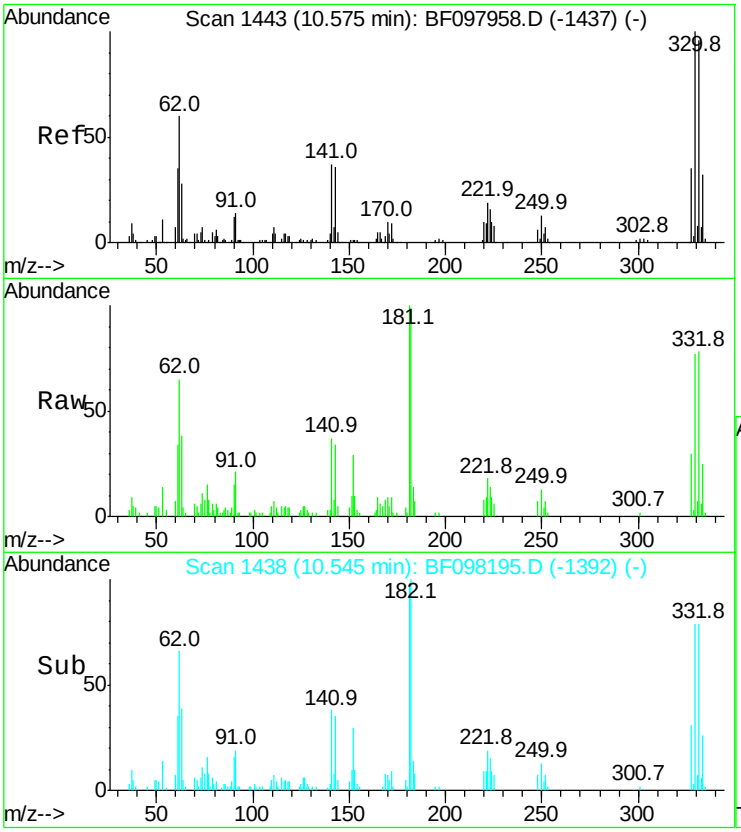


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:164 Resp: 166820

Ion	Ratio	Lower	Upper
164	100		
162	97.9	82.6	123.8
160	45.4	36.2	54.2



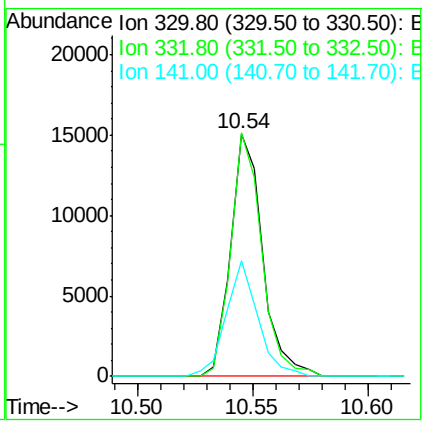


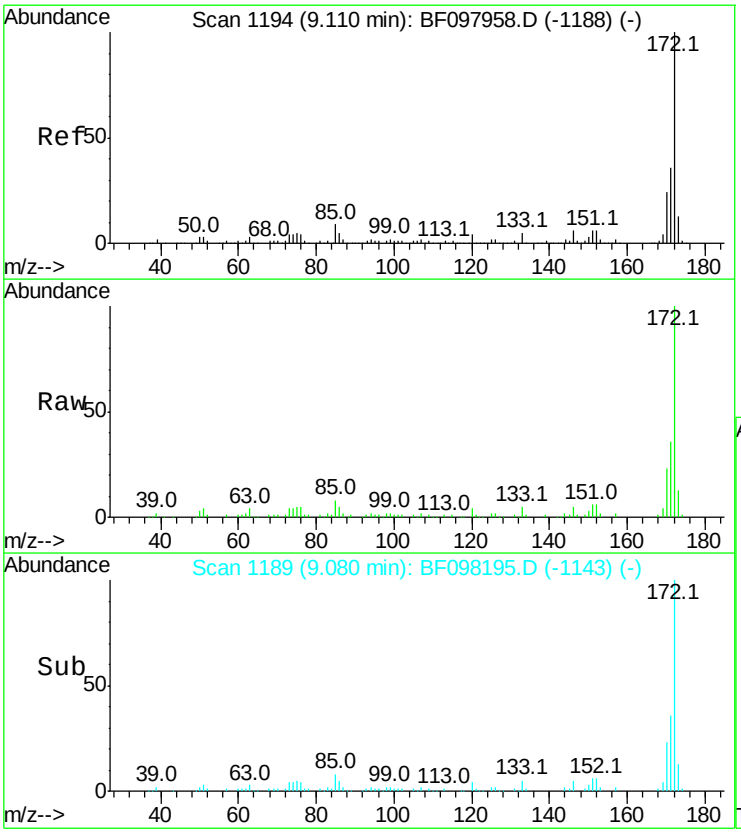
#41
2,4,6-Tribromophenol
Concen: 10.054 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 14552

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	47.6	31.4	47.2#

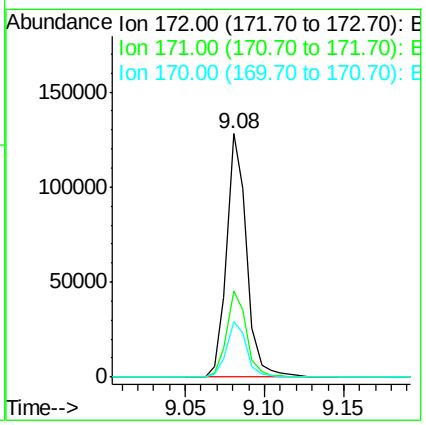


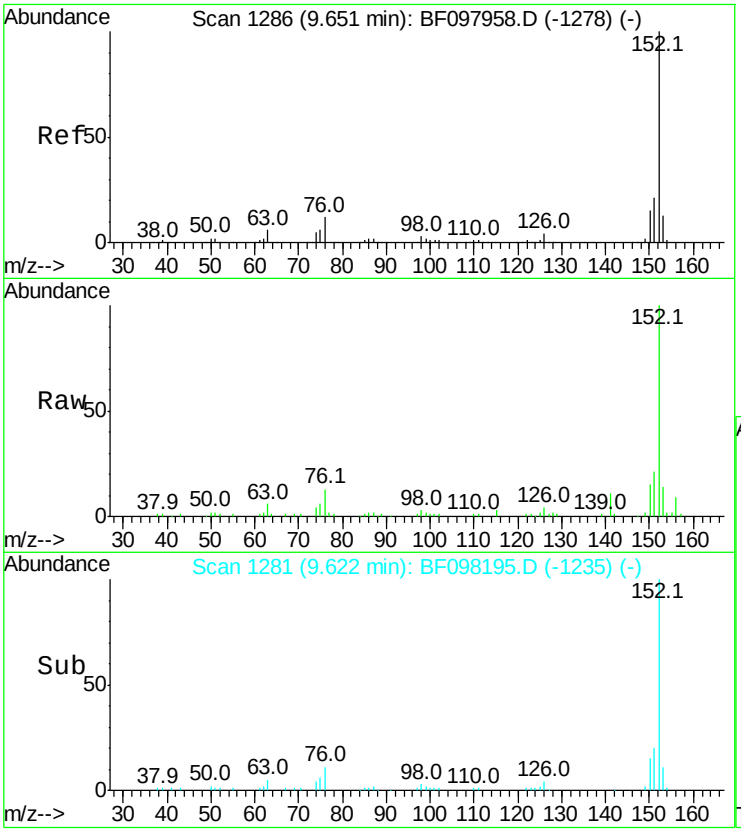


#44
2-Fluorobiphenyl
Concen: 9.847 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:172 Resp: 111804

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.9	19.8	29.8



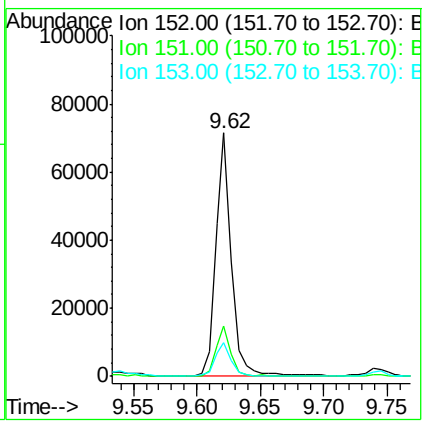


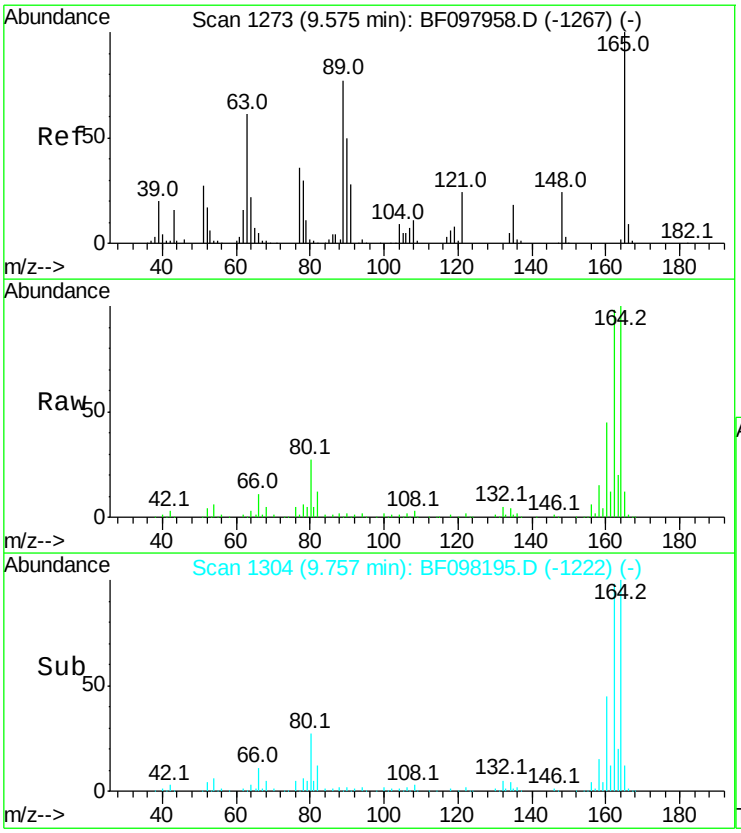
#48
Acenaphthylene
Concen: 3.518 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 62096

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.0	10.8	16.2

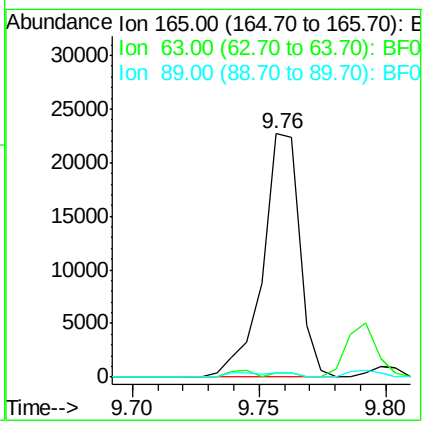


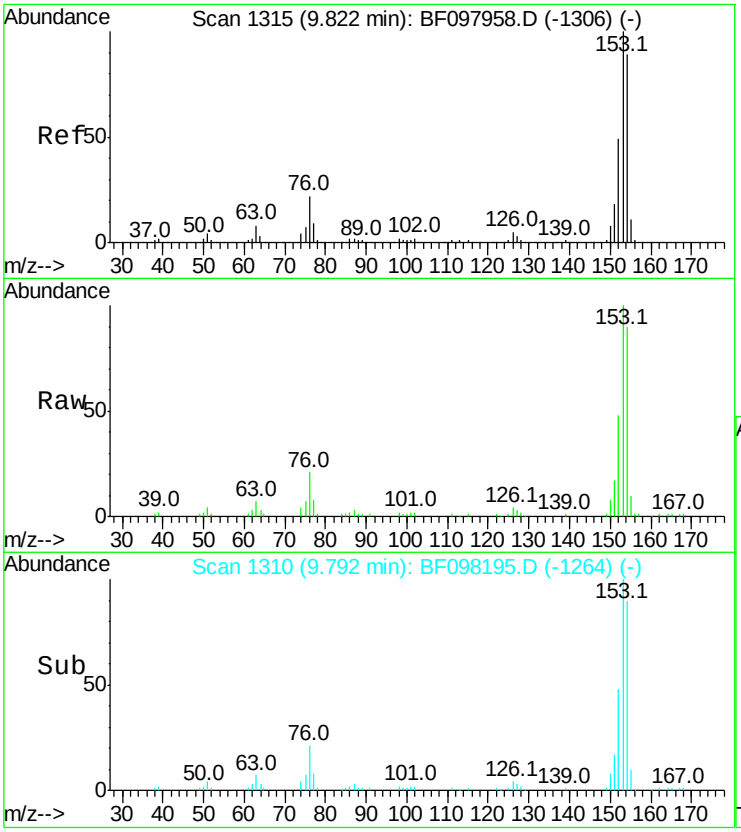


#50
2,6-Dinitrotoluene
Concen: 9.387 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.18 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:165 Resp: 22849

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



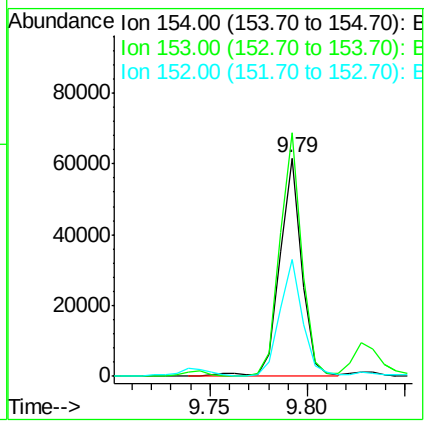


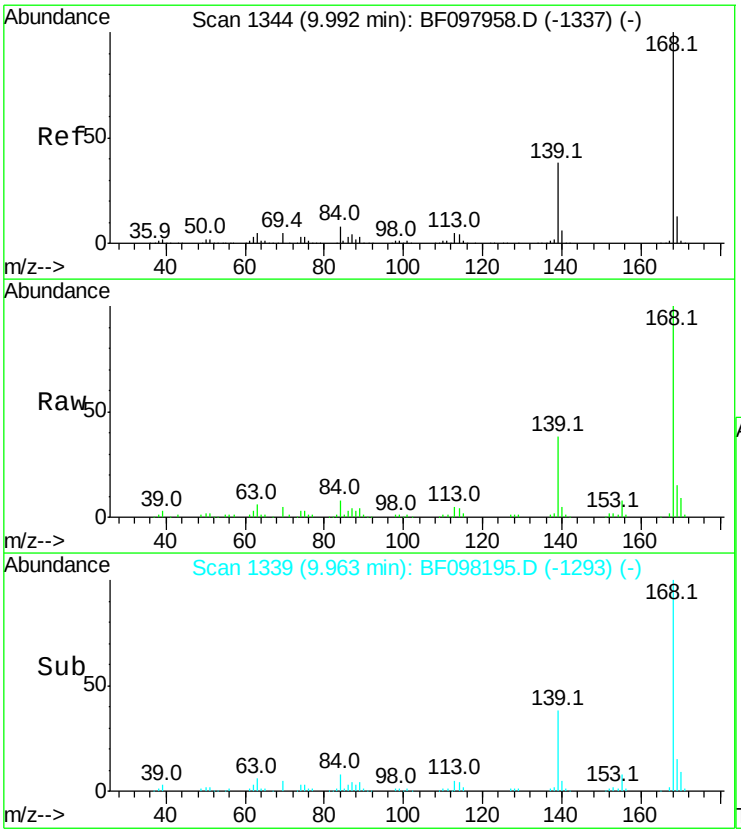
#51
Acenaphthene
Concen: 4.312 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 48005

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.5	135.7
152	53.5	43.6	65.4

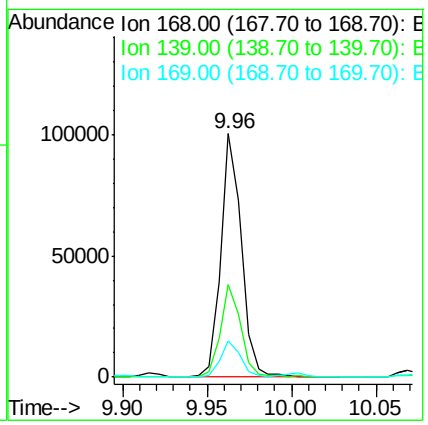


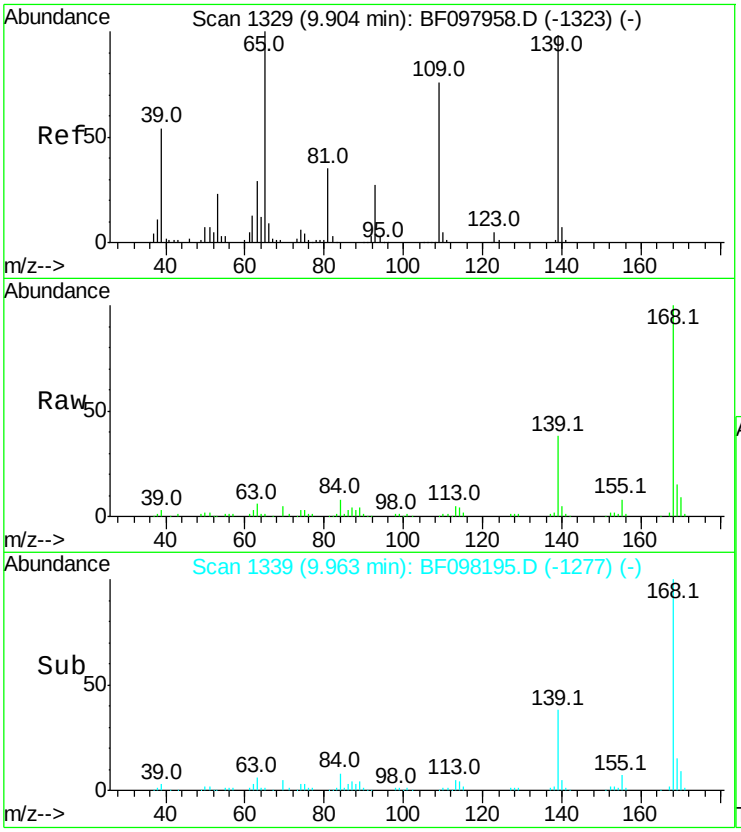


#54
Dibenzofuran
Concen: 5.737 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:168 Resp: 85598

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.6	45.8
169	14.8	10.8	16.2



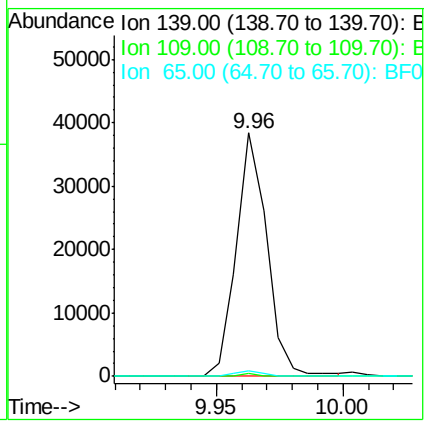


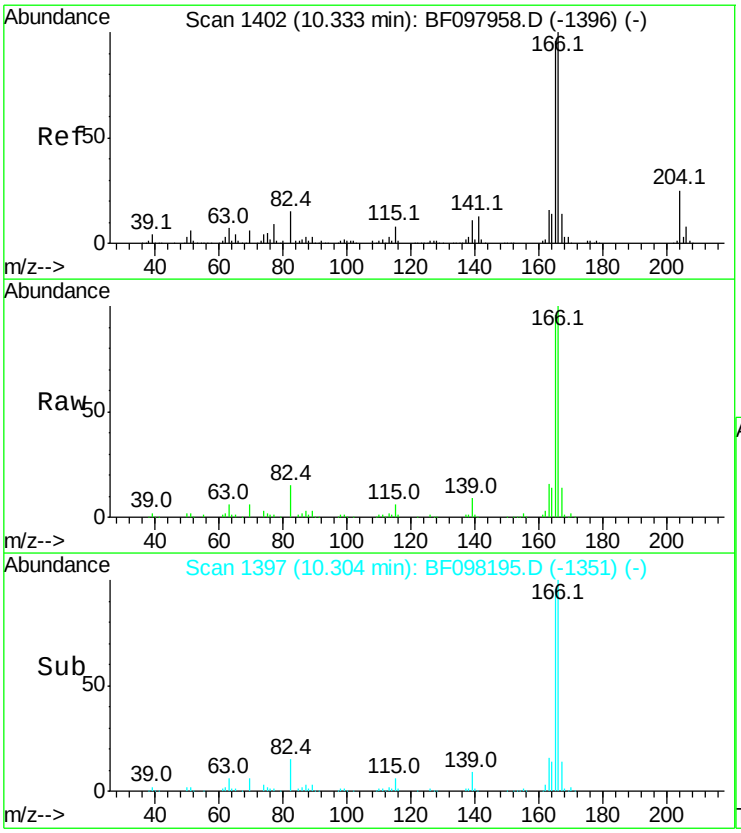
#55
4-Nitrophenol
Concen: 12.849 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.06 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 32188

Ion	Ratio	Lower	Upper
139	100		
109	1.0	34.1	74.1#
65	2.1	31.4	71.4#

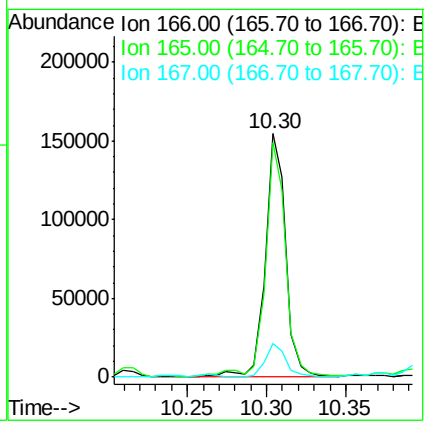


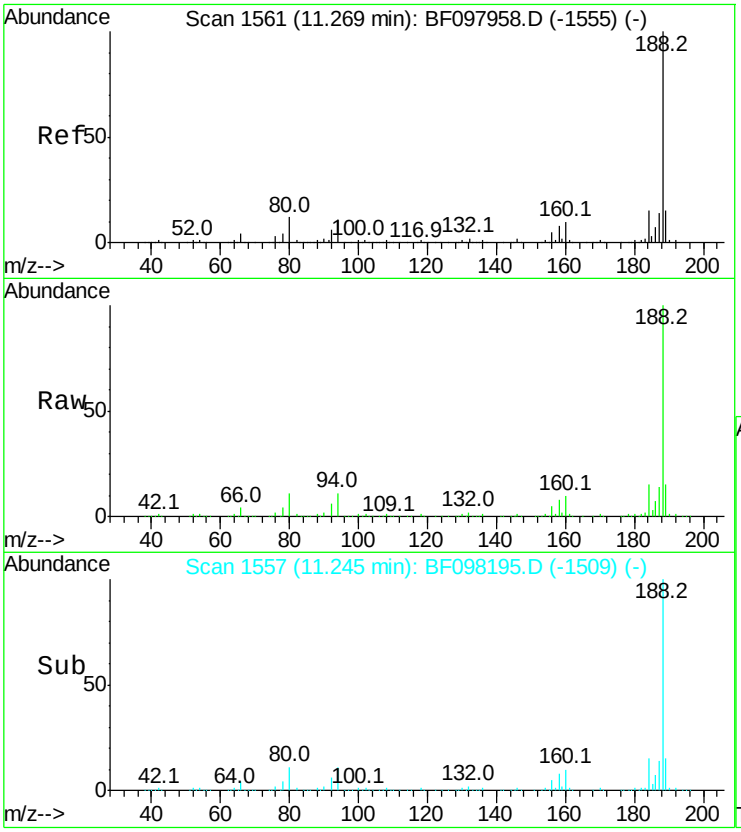


#57
Fluorene
Concen: 12.162 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:166 Resp: 140288

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.8	118.2
167	13.6	10.6	16.0



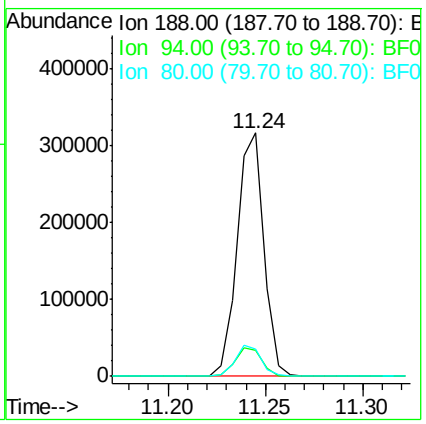


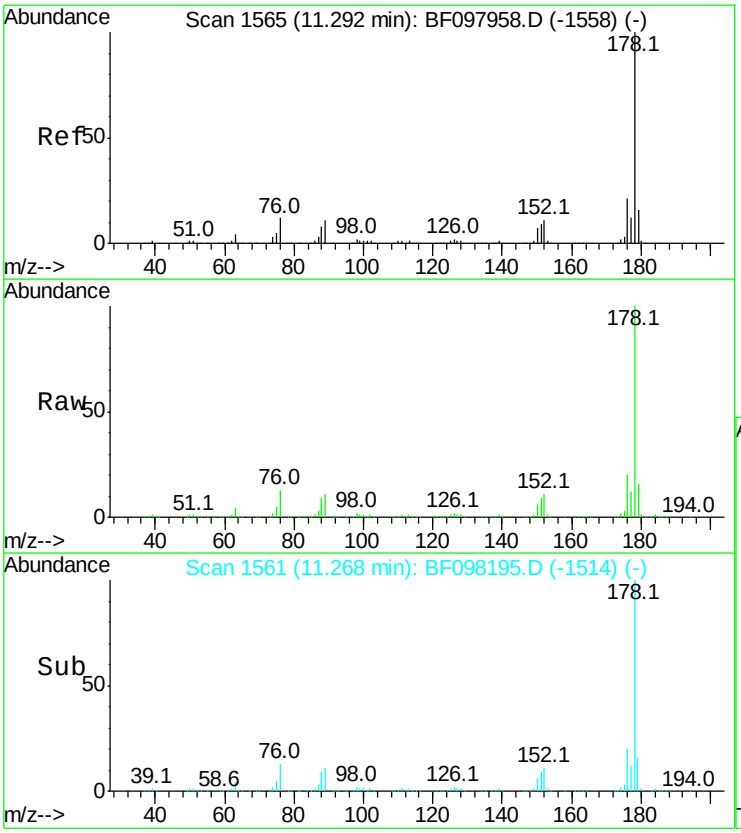
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 300022

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.0	10.2	15.2

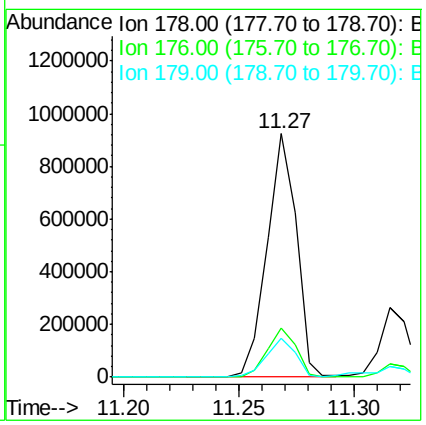


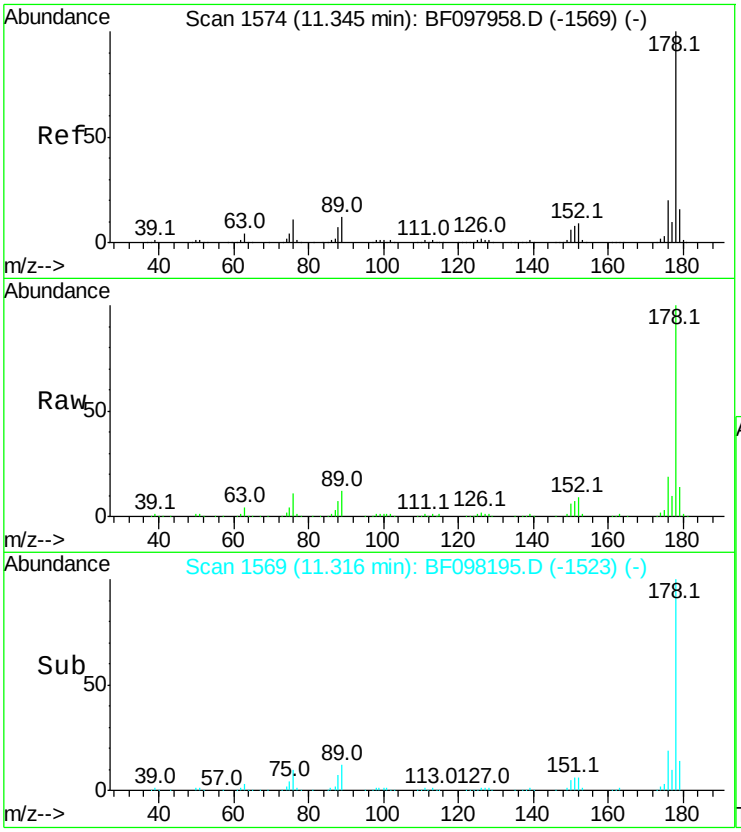


#70
Phenanthrene
Concen: 51.114 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:178 Resp: 817182

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.0	12.6	19.0



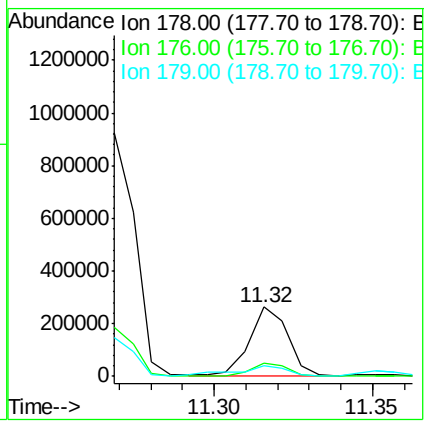


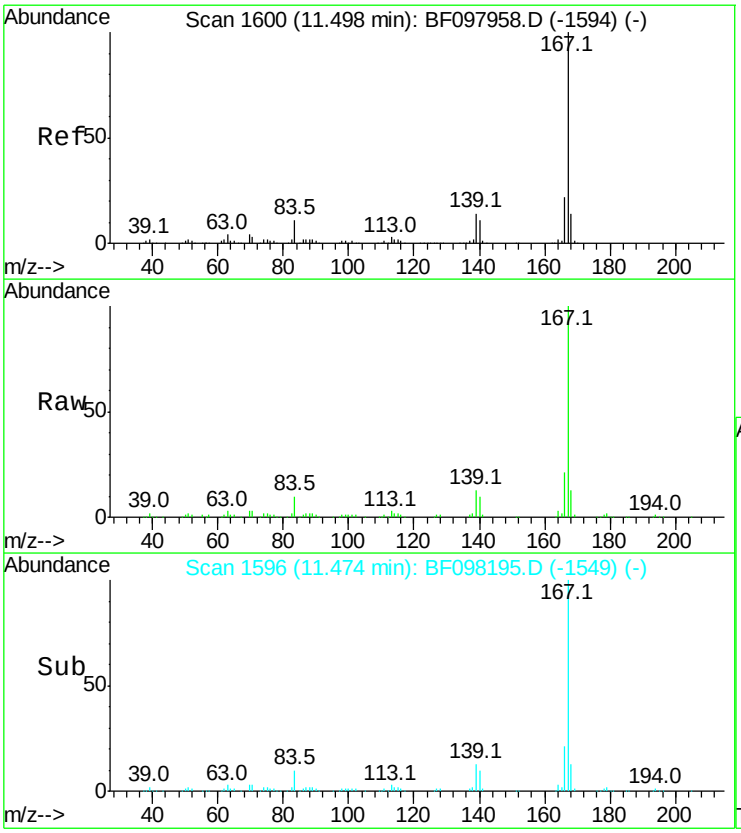
#71
Anthracene
Concen: 13.448 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 218061

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.4	12.7	19.1

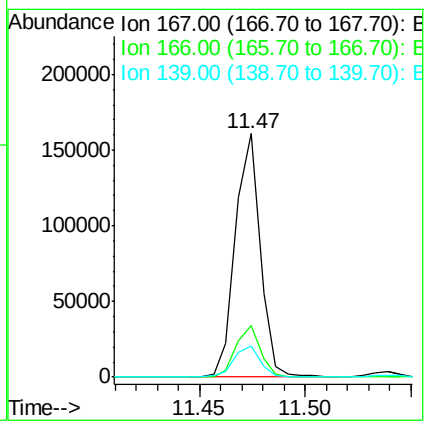


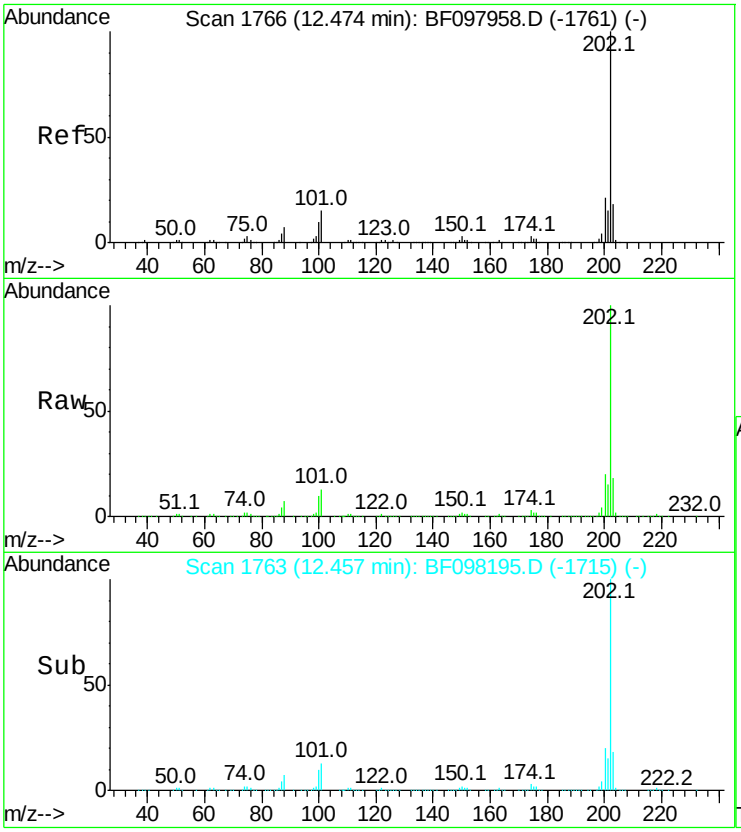


#72
Carbazole
Concen: 8.512 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:167 Resp: 131011

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	12.6	11.7	17.5



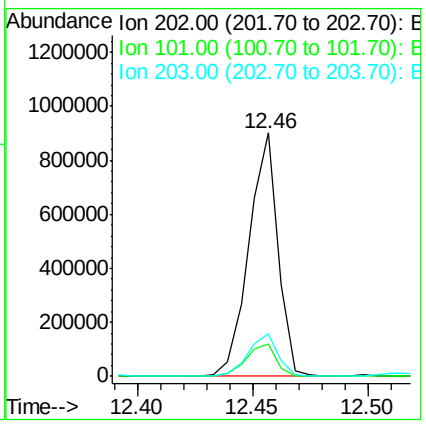


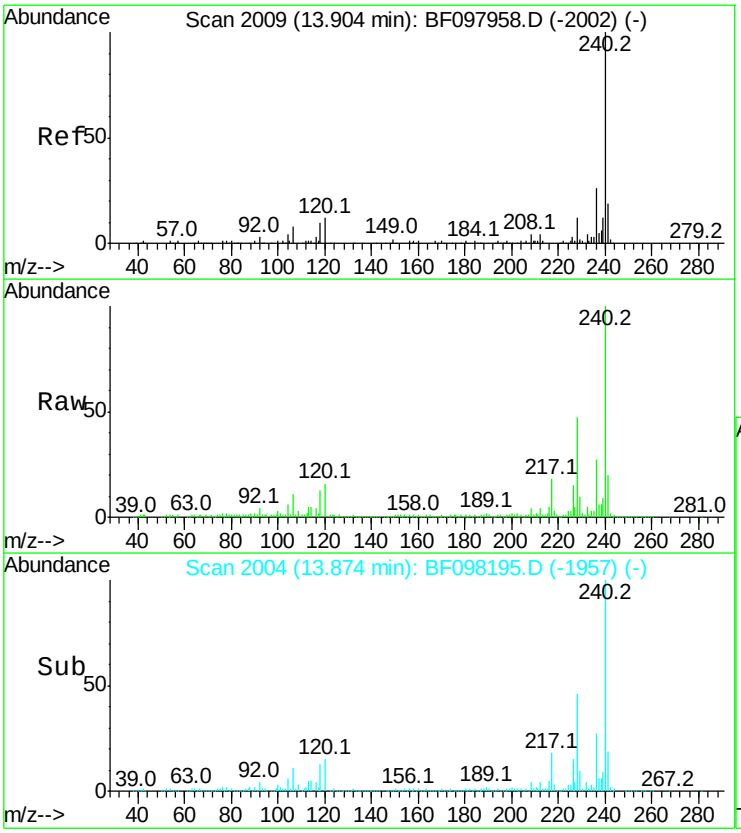
#74
Fluoranthene
Concen: 47.647 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 795095

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.7	0.0	38.1

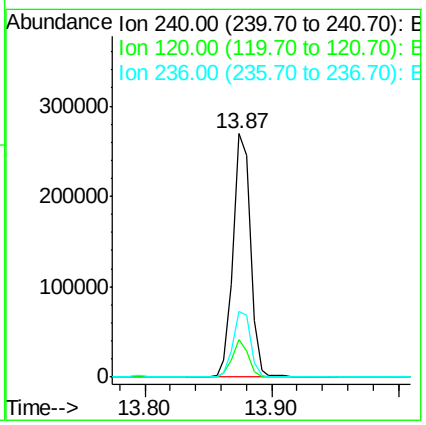


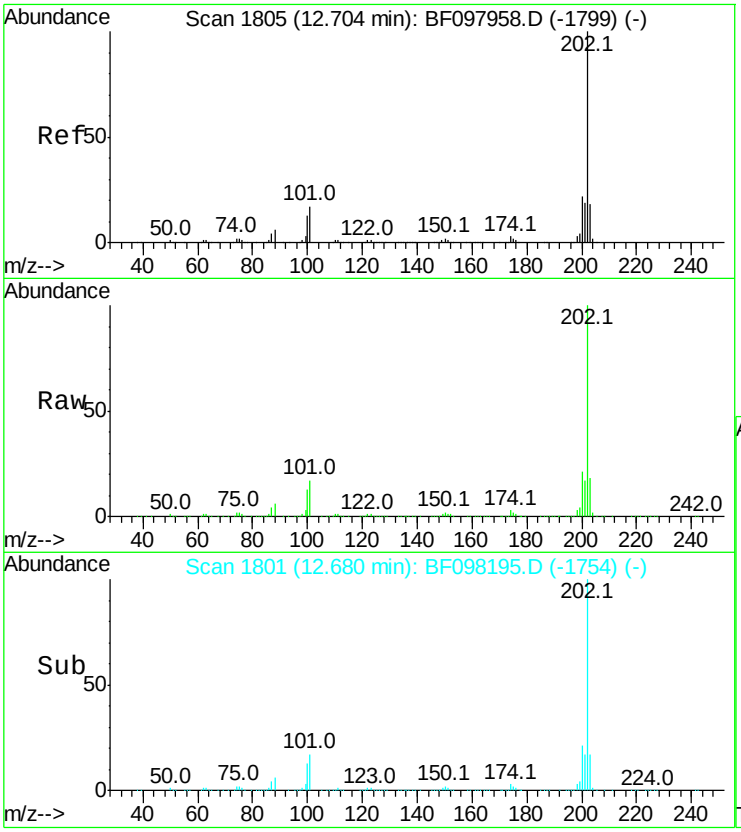


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:240 Resp: 251465

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	26.7	20.5	30.7



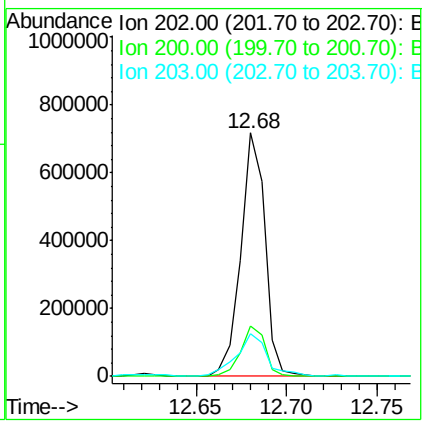


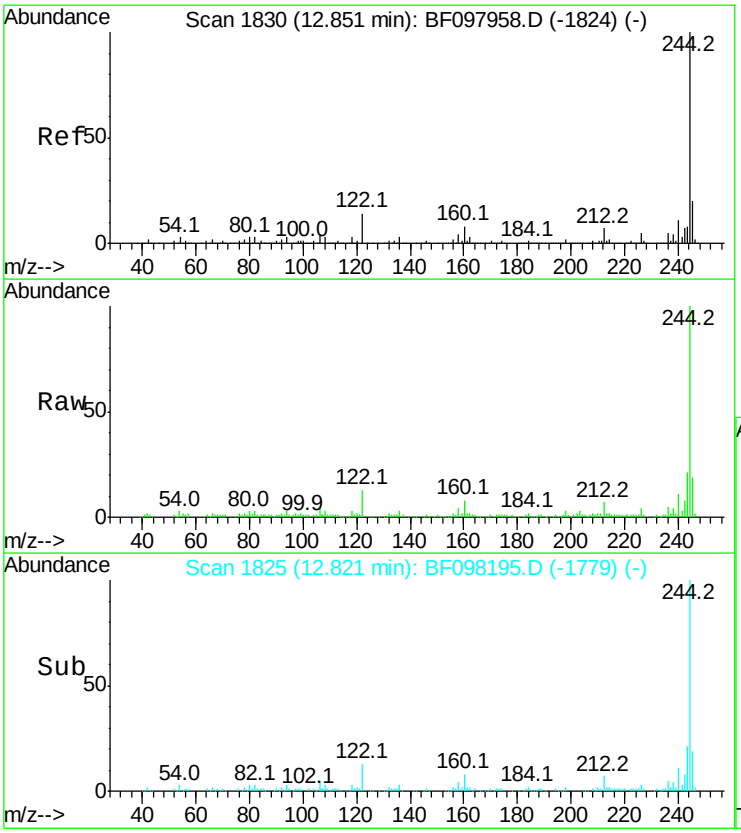
#77
Pyrene
Concen: 32.301 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 664340

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.6	14.4	21.6

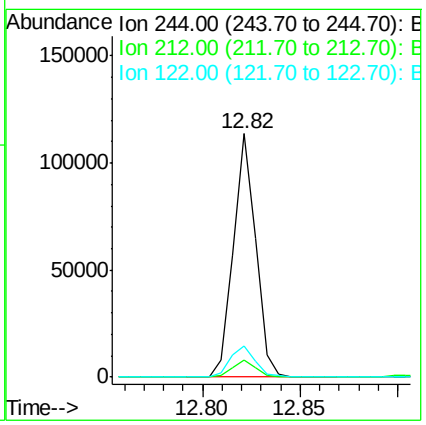


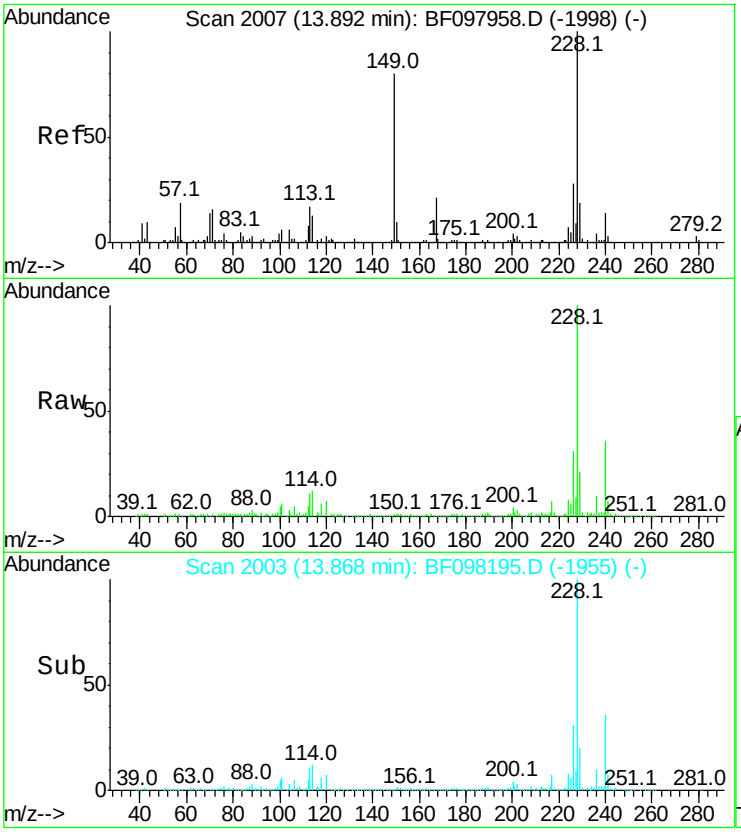


#78
Terphenyl-d14
Concen: 7.514 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:244 Resp: 90615

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.9	10.3	15.5



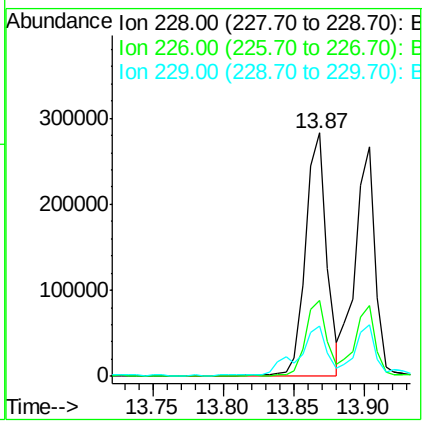


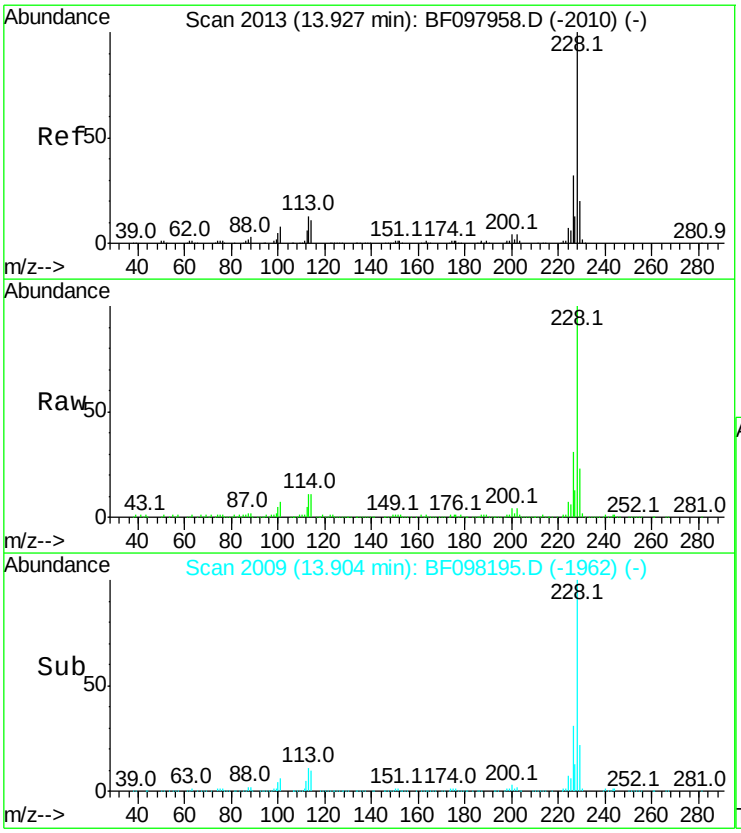
#80
Benzo(a)anthracene
Concen: 19.513 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 294092

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.8	16.3	24.5

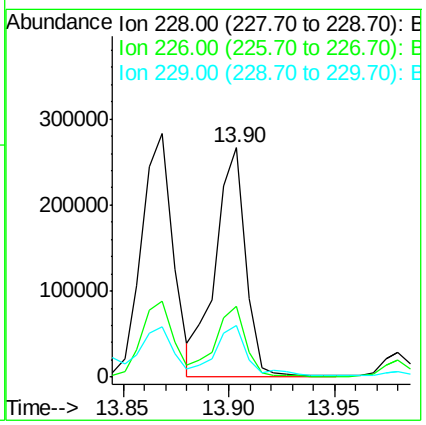


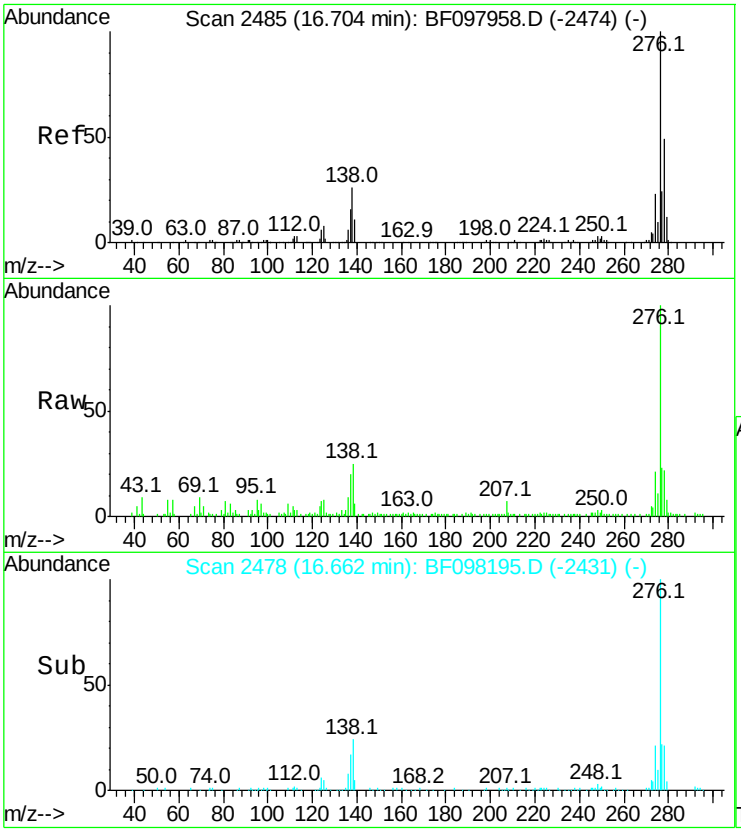


#82
Chrysene
Concen: 17.573 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:228 Resp: 263464

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.6	15.8	23.6



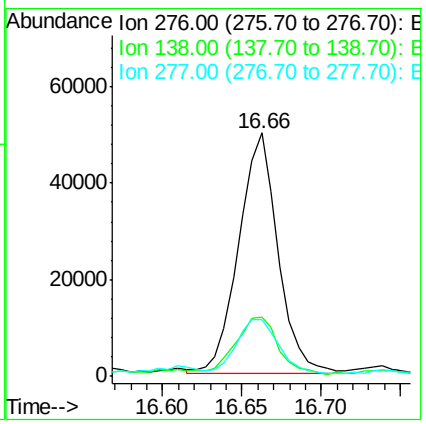


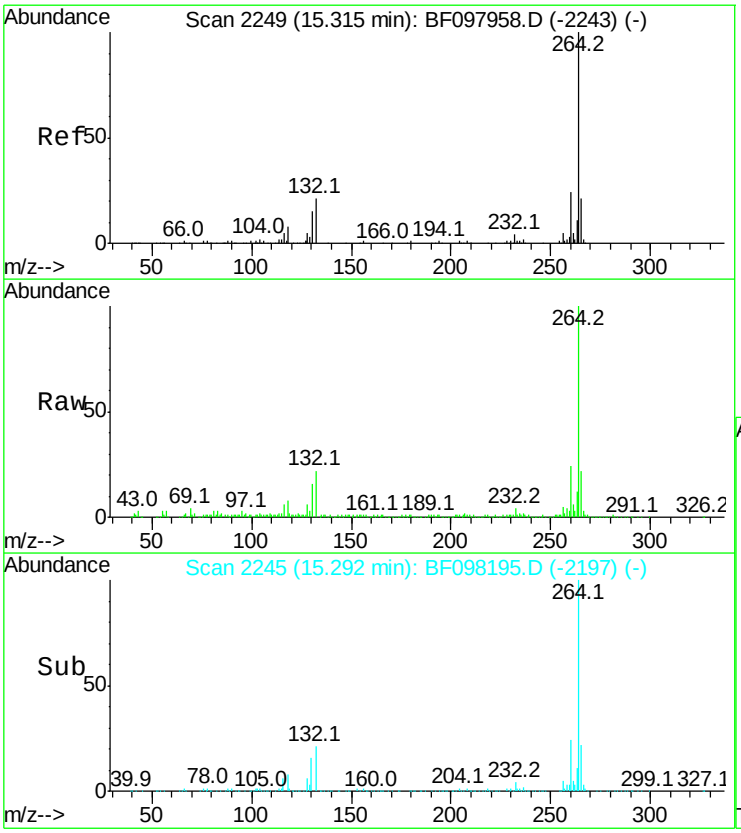
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.781 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 85812

Ion	Ratio	Lower	Upper
276	100		
138	25.8	27.8	41.6#
277	23.8	20.2	30.4

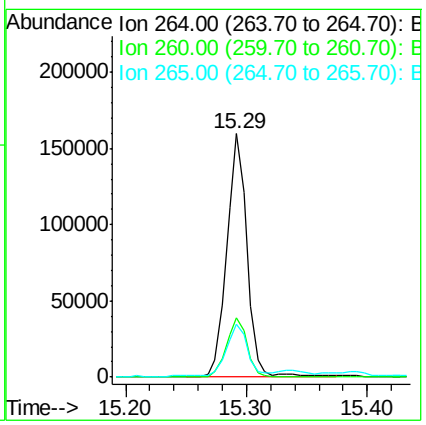


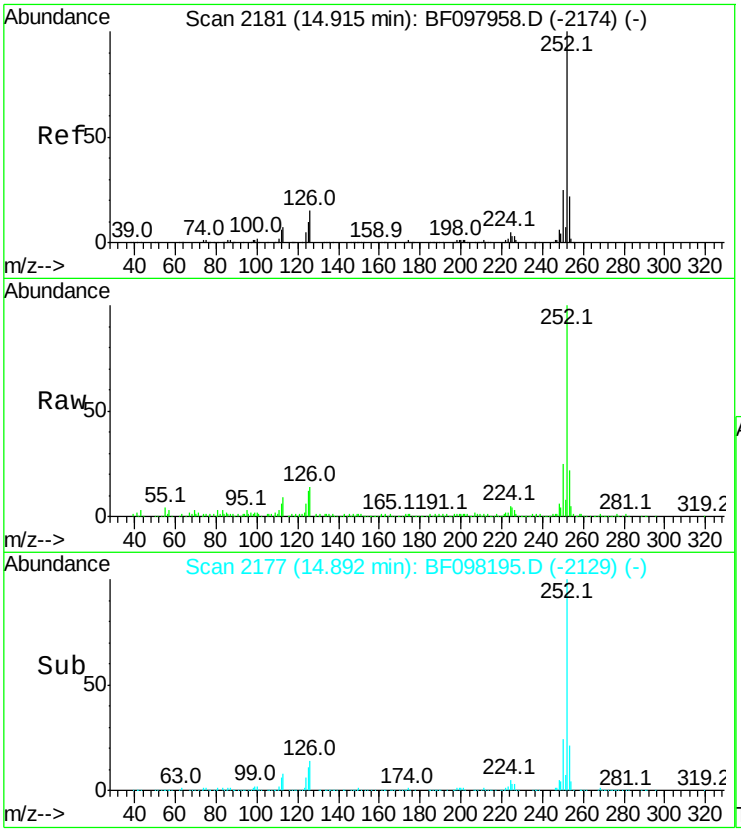


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:264 Resp: 182737

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.0	17.2	25.8



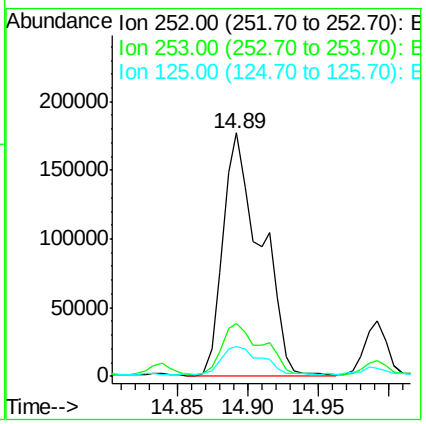


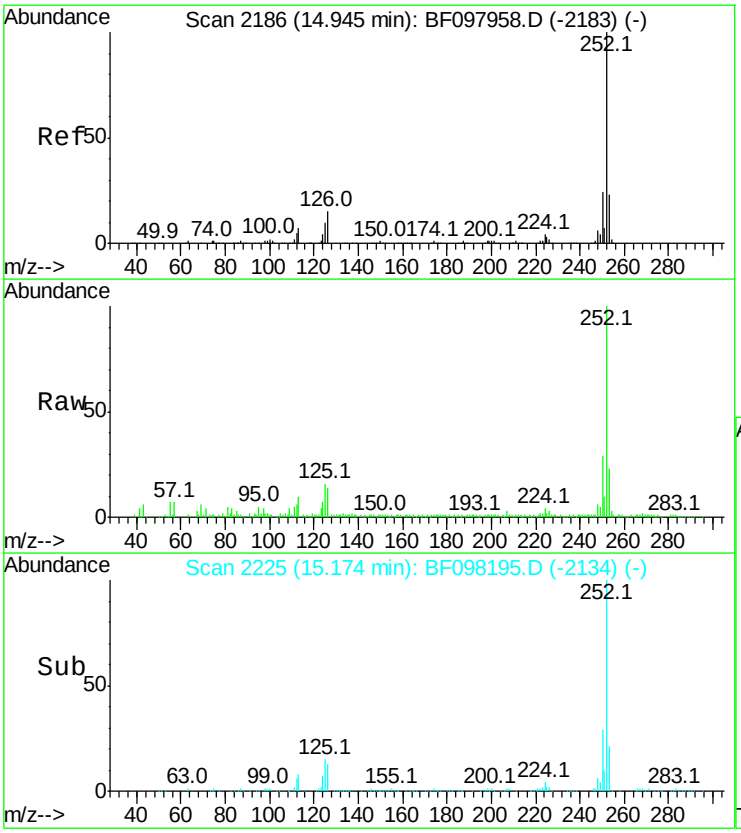
#87
Benzo(b)fluoranthene
Concen: 28.540 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 328742

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.1	9.8	14.8

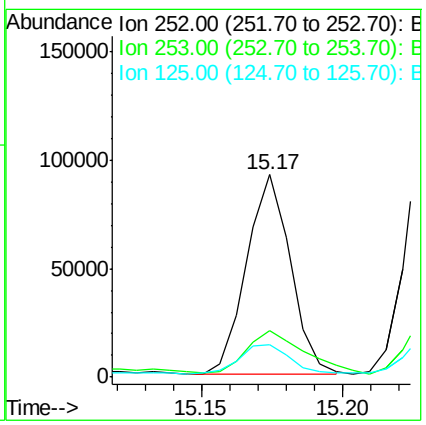


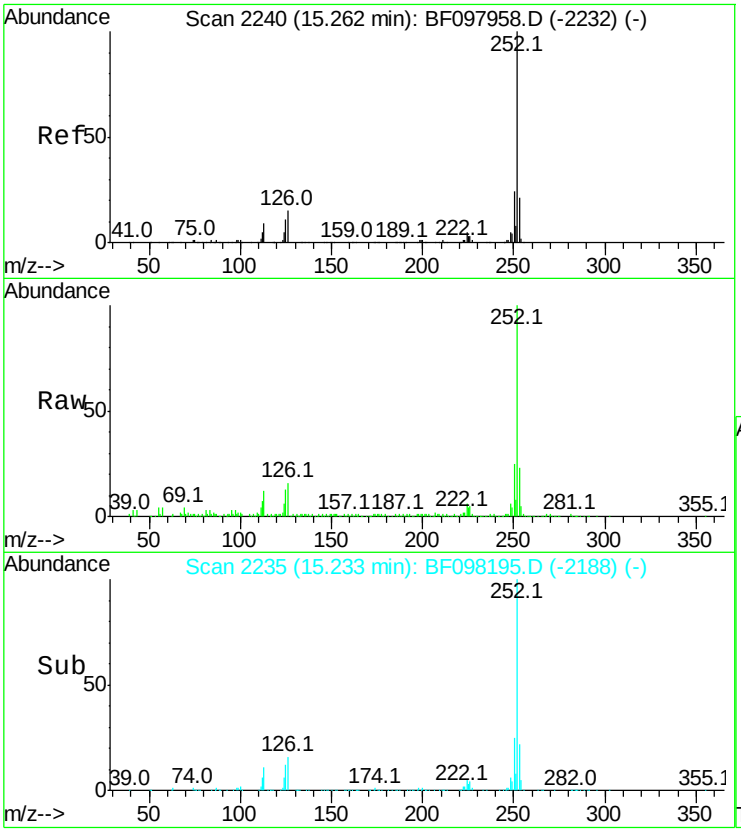


#88
Benzo(k)fluoranthene
Concen: 9.286 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.24 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:252 Resp: 100495

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	16.2	13.1	19.7



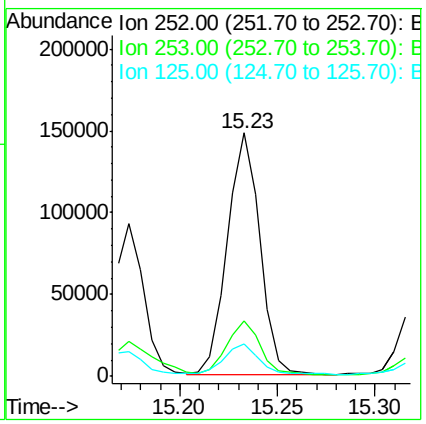


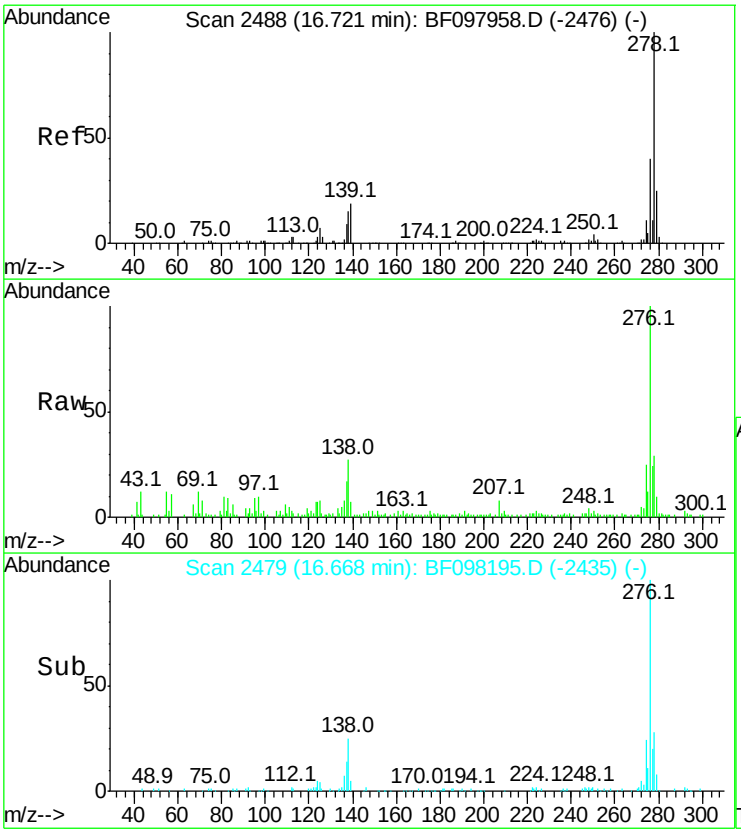
#89
Benzo(a)pyrene
Concen: 16.862 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 171943

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.2	11.0	16.4

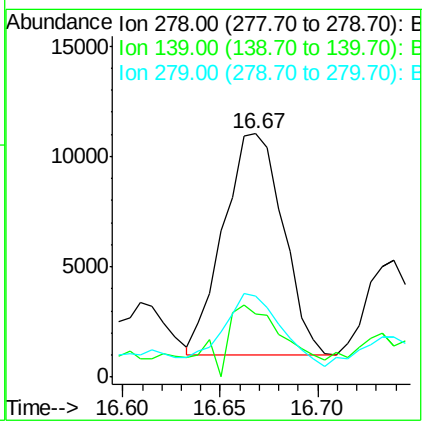


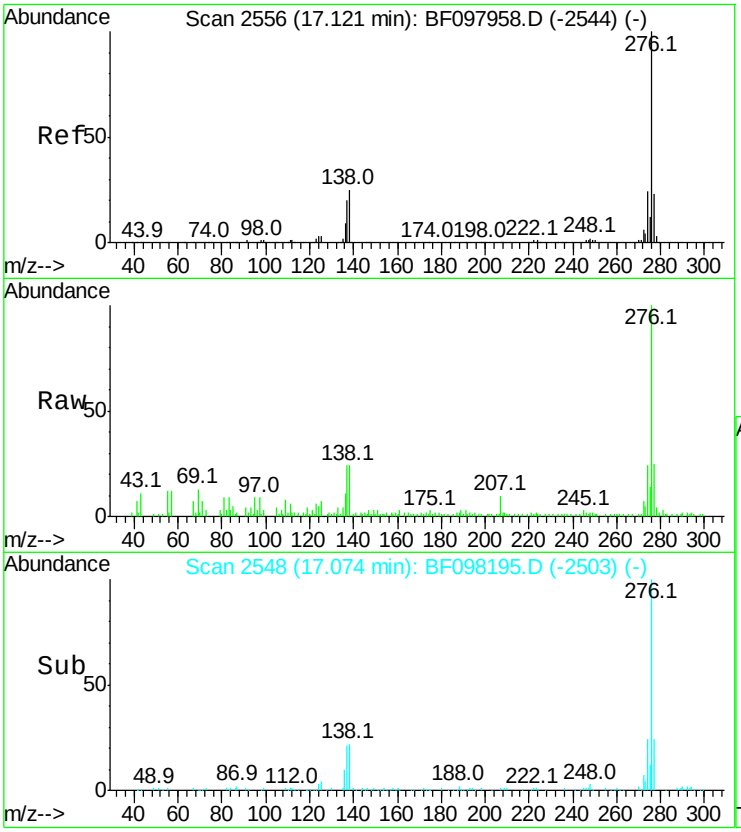


#90
Dibenzo(a,h)anthracene
Concen: 2.570 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.04 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:278 Resp: 21337

Ion	Ratio	Lower	Upper
278	100		
139	25.8	16.6	24.8#
279	33.5	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.665 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.04 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 75054

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	24.3	25.4	38.0#