Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098181.D
Acq On : 31 Aug 2017 3:05
Operator : SJ/JU
Sample : I5023-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 06:53:18 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	119981	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	431264	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	159346	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	267060	20.00	ng		-0.02
75) Chrysene-d12	13.88	240	220272	20.00	ng		-0.02
86) Perylene-d12	15.30	264	158340	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	565735	71.72	ng		-0.02
7) Phenol-d6	6.36	99	738994	68.95	ng		-0.02
23) Nitrobenzene-d5	7.29	82	423958	53.40	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	88490	64.00	ng		-0.03
44) 2-Fluorobiphenyl	9.09	172	605981	55.87	ng		-0.02
78) Terphenyl-d14	12.83	244	424656	40.20	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	55659	7.586	ng	#	74
25) Isophorone	7.29	82	418065	25.326	ng	#	67
31) Naphthalene	8.03	128	51475	2.299	ng		99
37) 2-Methylnaphthalene	8.72	142	33583	2.447	ng		95
48) Acenaphthylene	9.62	152	63317	3.755	ng		96
49) Dimethylphthalate	9.48	163	90931	7.807	ng		98
51) Acenaphthene	9.79	154	54811	5.155	ng		96
54) Dibenzofuran	9.96	168	69323	4.864	ng	#	96
57) Fluorene	10.30	166	112475	10.208	ng		94
64) 4,6-Dinitro-2-methylphenol	10.63	198	139	8.412	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	5929	2.138	ng	#	1
70) Phenanthrene	11.27	178	826445	58.074	ng		100
71) Anthracene	11.32	178	275249	19.070	ng		99
72) Carbazole	11.47	167	100015	7.300	ng		98
74) Fluoranthene	12.46	202	1463094	98.500	ng		99
77) Pyrene	12.69	202	1507309	83.666	ng		99
80) Benzo(a)anthracene	13.87	228	764678	57.922	ng		97
82) Chrysene	13.91	228	713228	54.309	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	328247	33.977	ng	#	89
87) Benzo(b)fluoranthene	14.90	252	1080302	108.239	ng		99
88) Benzo(k)fluoranthene	14.90	252	1080302	115.209	ng		97
89) Benzo(a)pyrene	15.24	252	574692	65.043	ng		98
90) Dibenzo(a,h)anthracene	16.83	278	61649	8.570	ng		97
91) Benzo(g,h,i)perylene	17.09	276	308603	41.117	ng		93

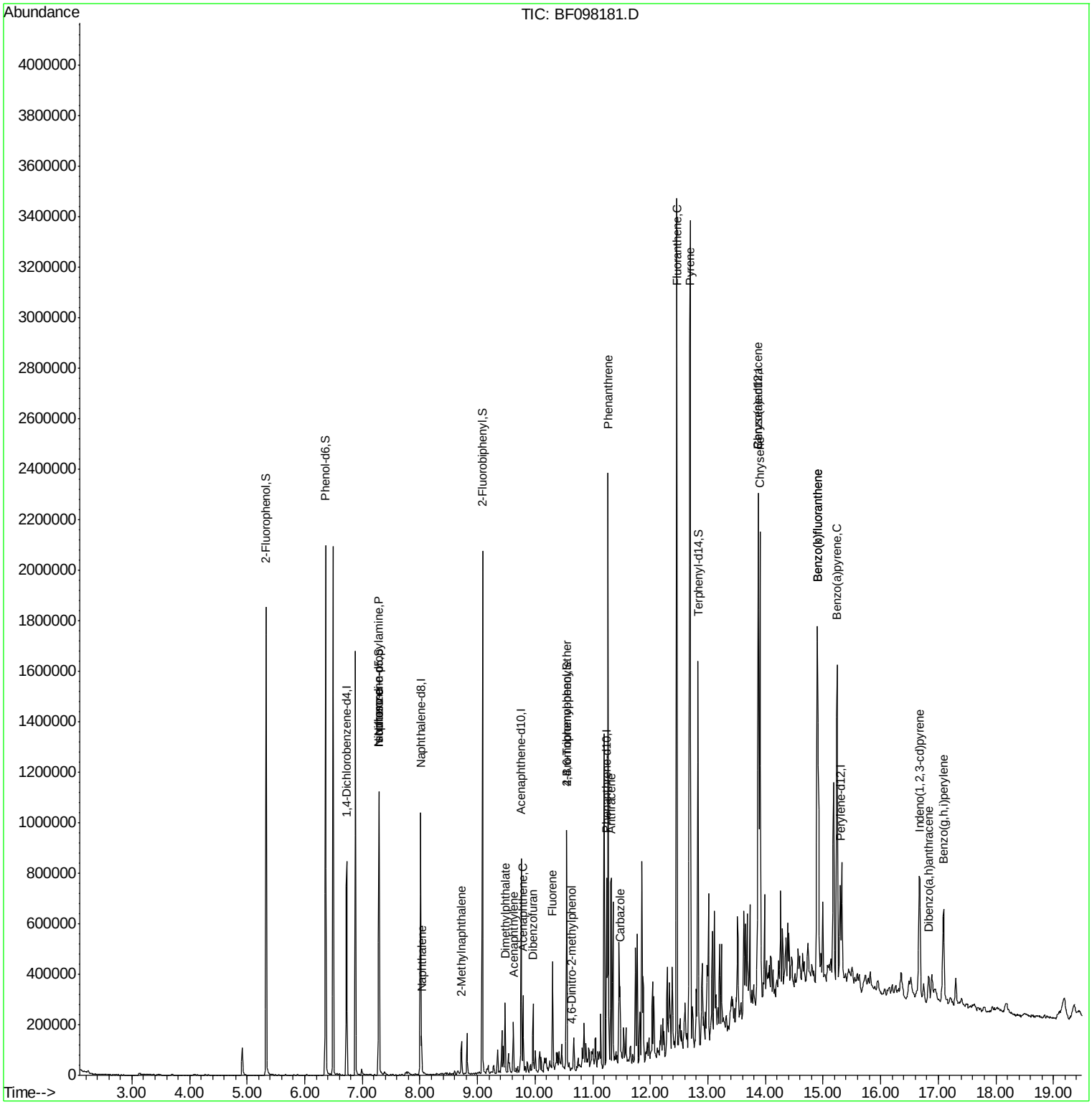
(#) = qualifier out of range (m) = manual integration (+) = signals summed

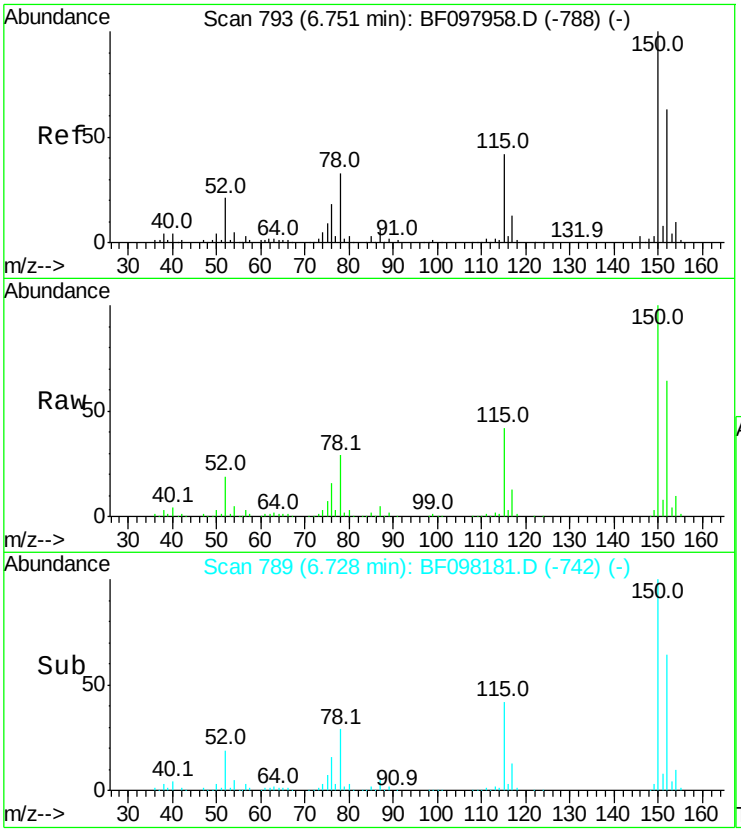
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098181.D
Acq On : 31 Aug 2017 3:05
Operator : SJ/JU
Sample : I5023-04 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 06:53:18 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



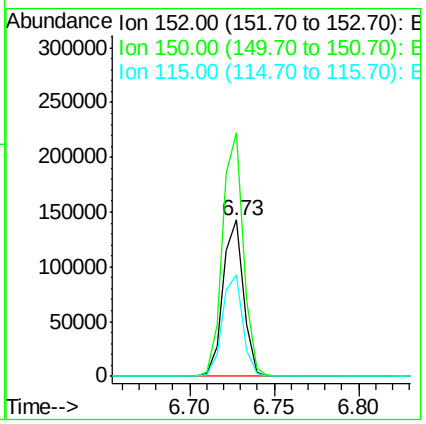


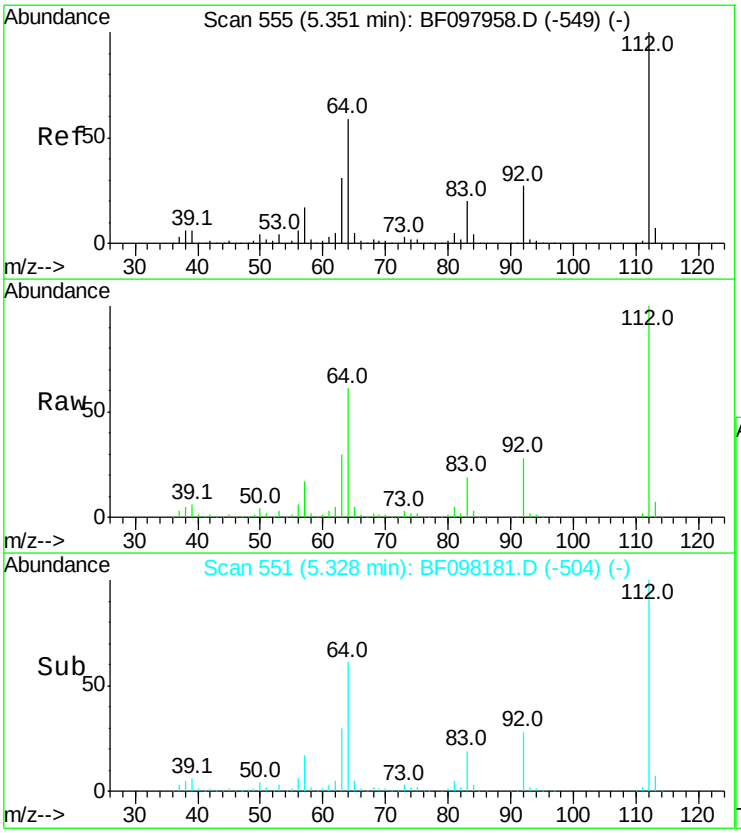
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119981

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	65.2	52.2	78.2

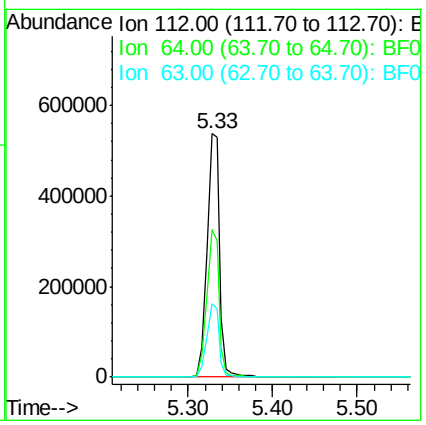


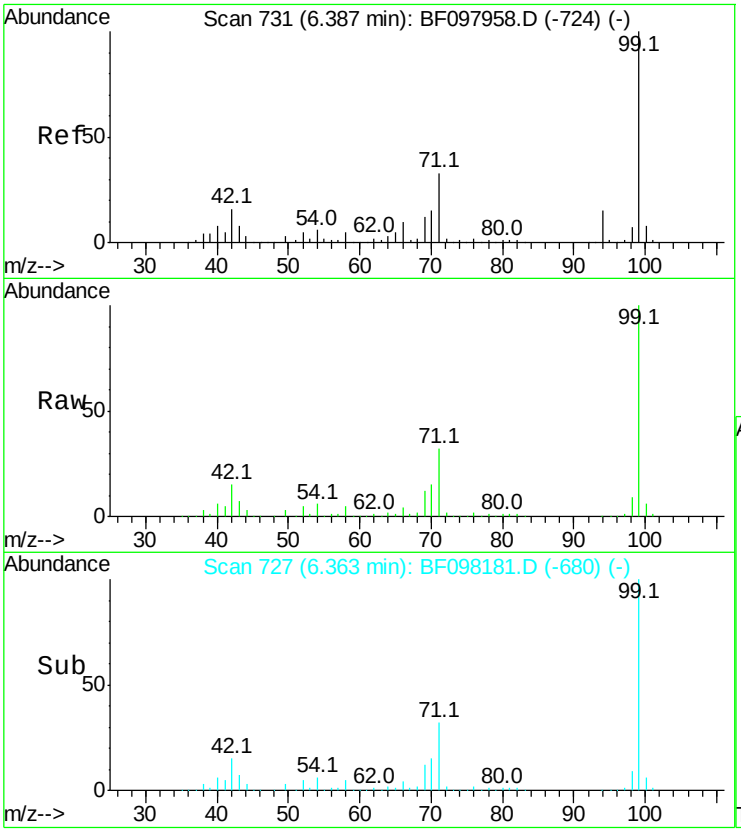


#5
2-Fluorophenol
Concen: 71.722 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:112 Resp: 565735

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.0	69.0
63	30.0	23.4	35.0



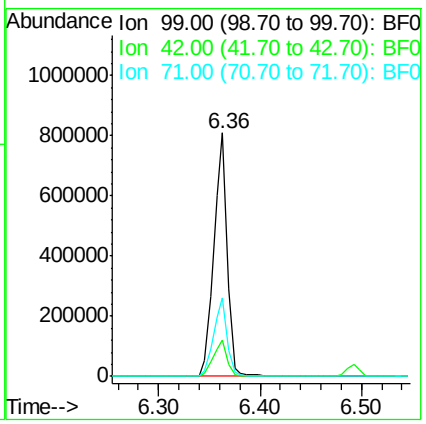


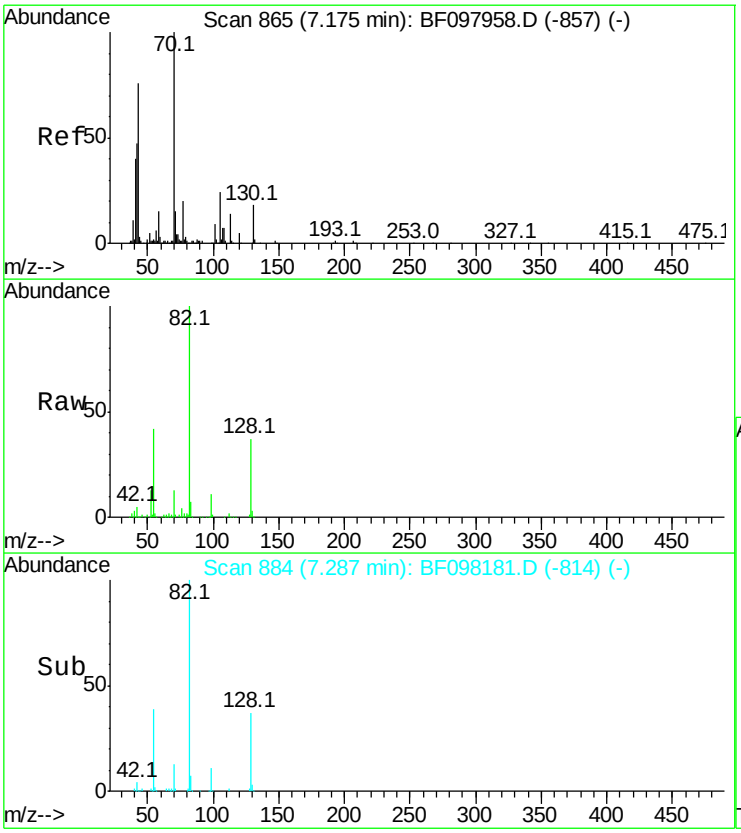
#7
Phenol-d6
Concen: 68.953 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 738994

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	32.0	24.5	36.7

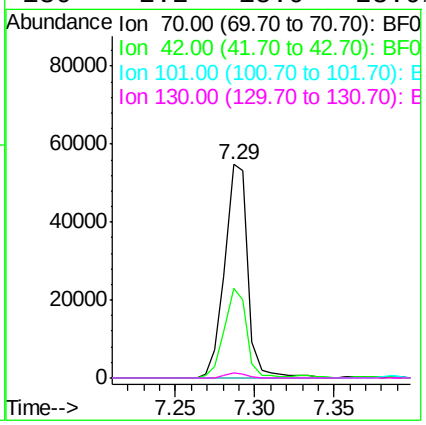


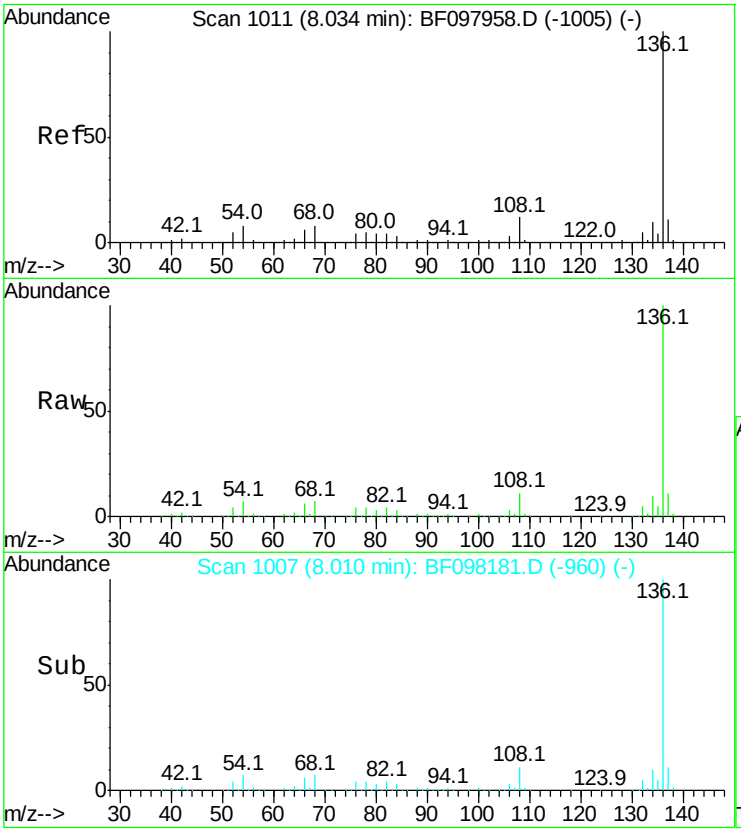


#19
n-Nitroso-di-n-propylamine
Concen: 7.586 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion: 70 Resp: 55659

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



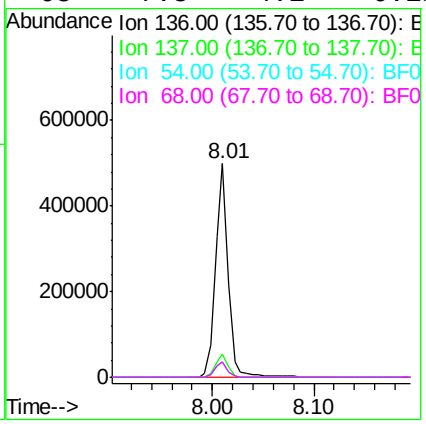


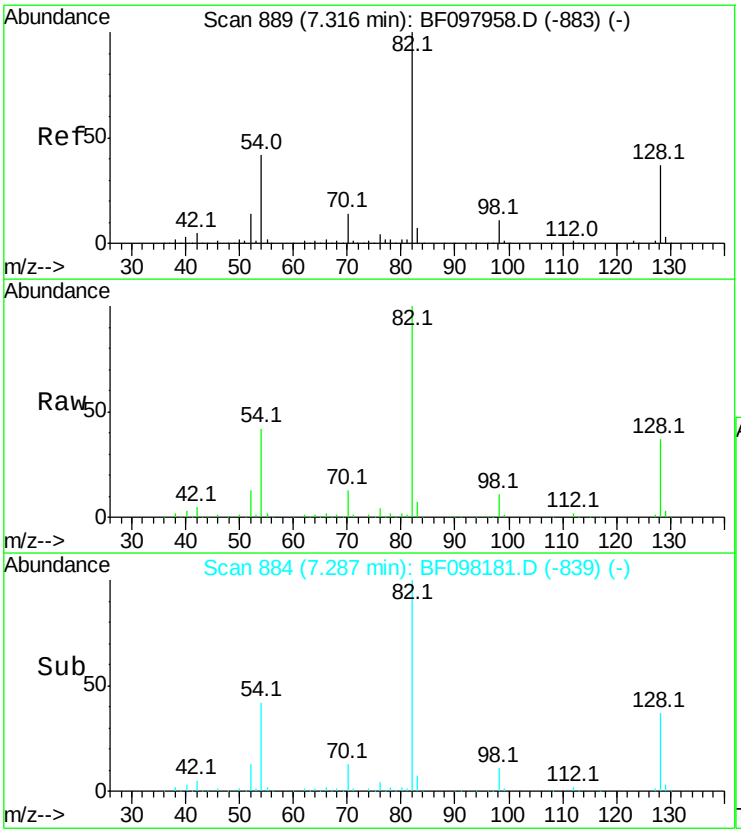
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 431264

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.4	4.9	7.3#
68	7.3	4.1	6.1#

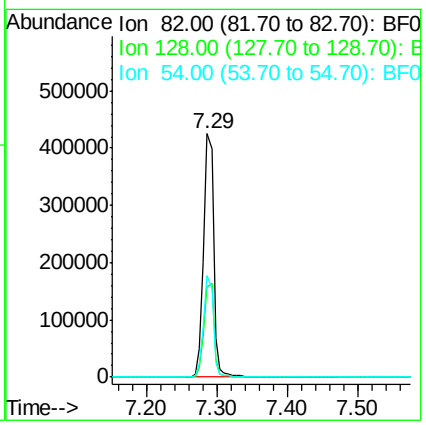


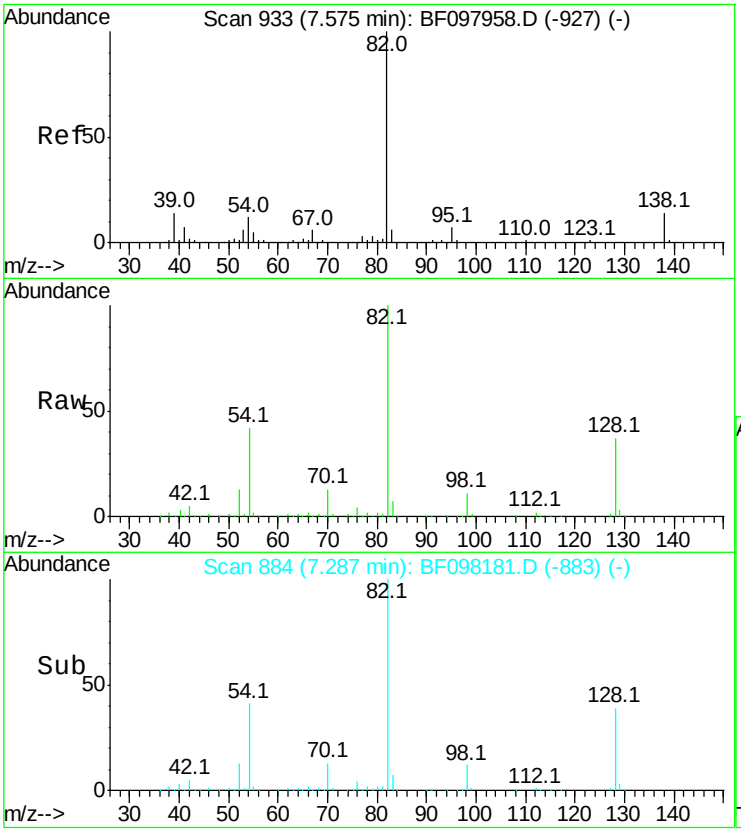


#23
Nitrobenzene-d5
Concen: 53.404 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion: 82 Resp: 423958

Ion	Ratio	Lower	Upper
82	100		
128	37.1	34.0	51.0
54	41.7	42.2	63.2#



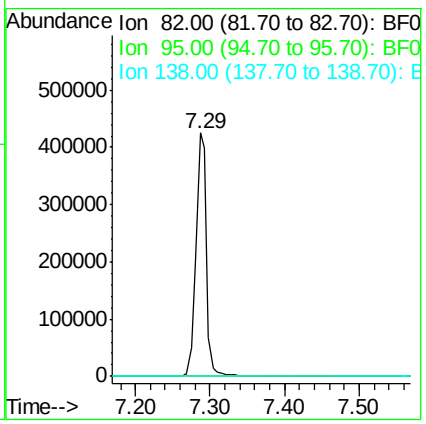


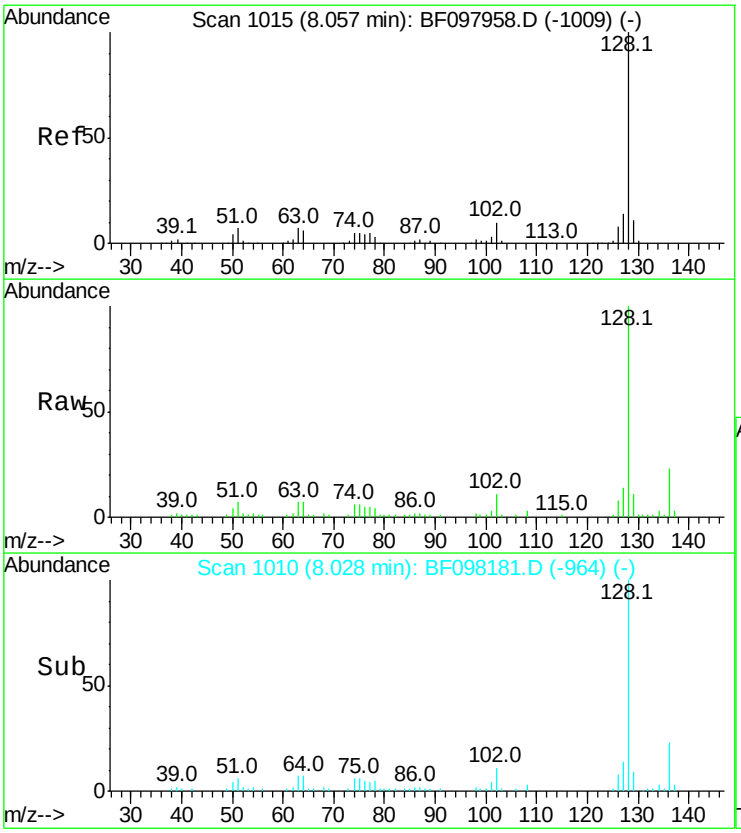
#25
Isophorone
Concen: 25.326 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 418065

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

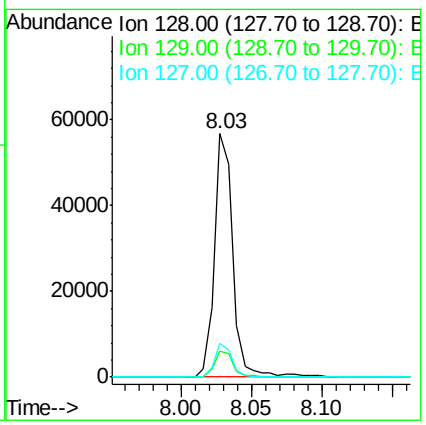


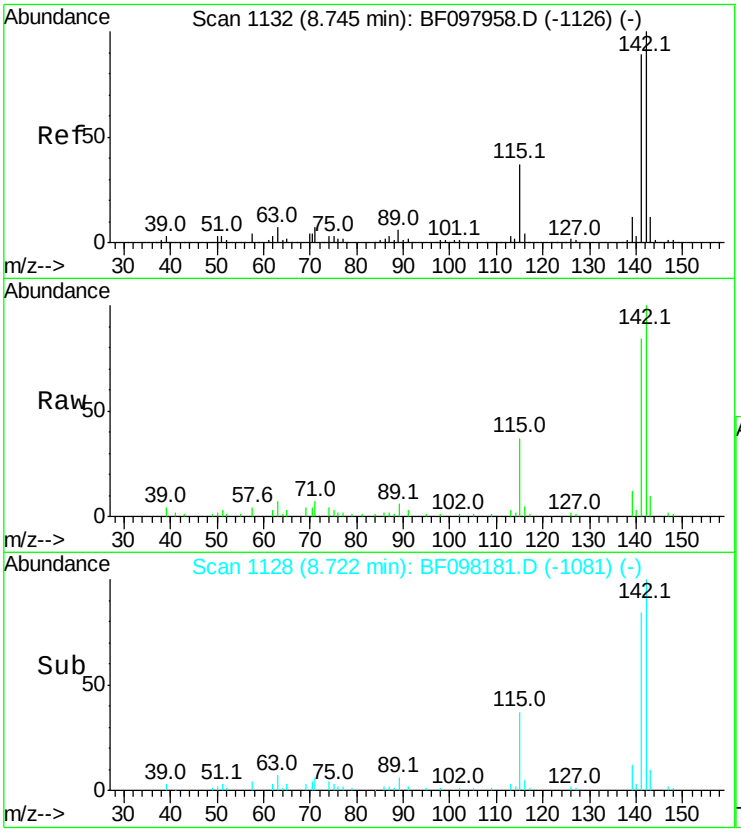


#31
Naphthalene
Concen: 2.299 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:128 Resp: 51475

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.7	10.8	16.2



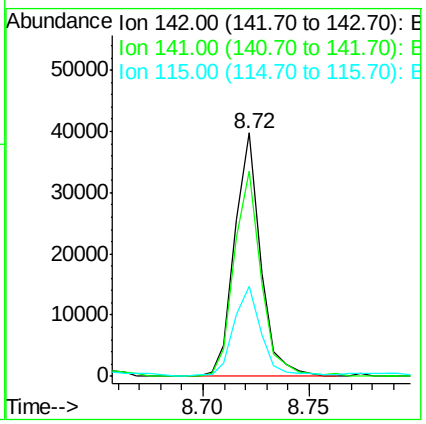


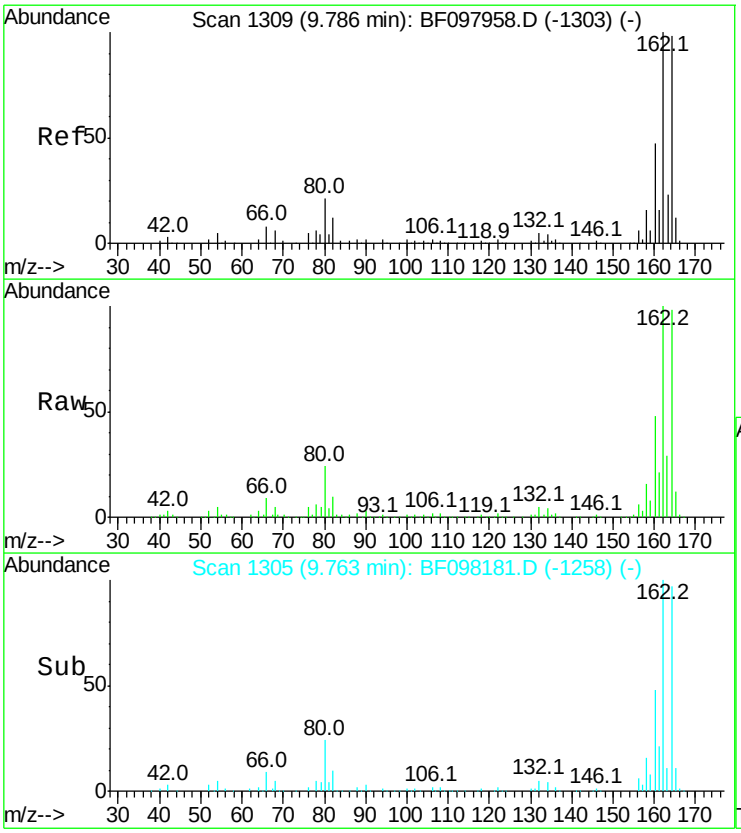
#37
2-Methylnaphthalene
Concen: 2.447 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 33583

Ion	Ratio	Lower	Upper
142	100		
141	84.2	71.3	106.9
115	36.8	27.1	40.7

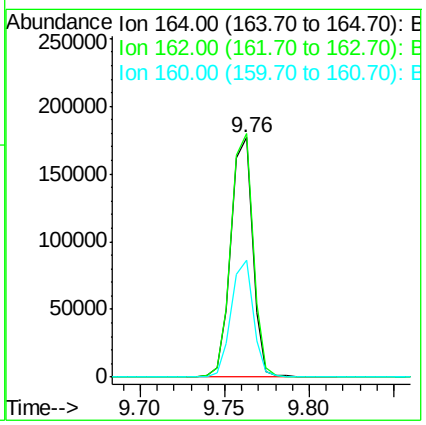


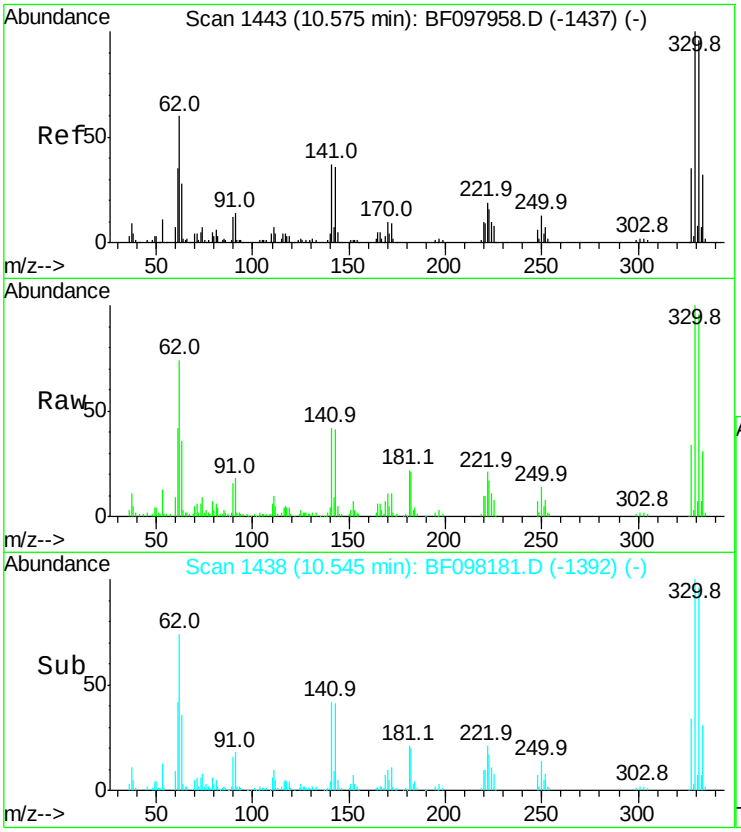


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:164 Resp: 159346

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	48.9	36.2	54.2



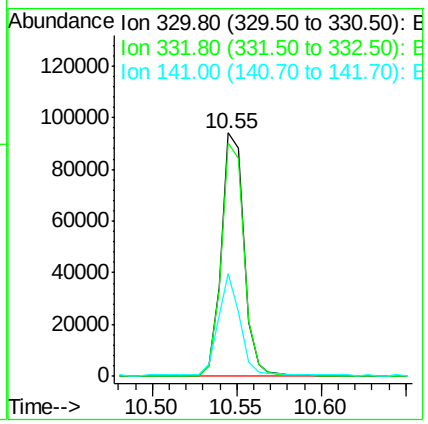


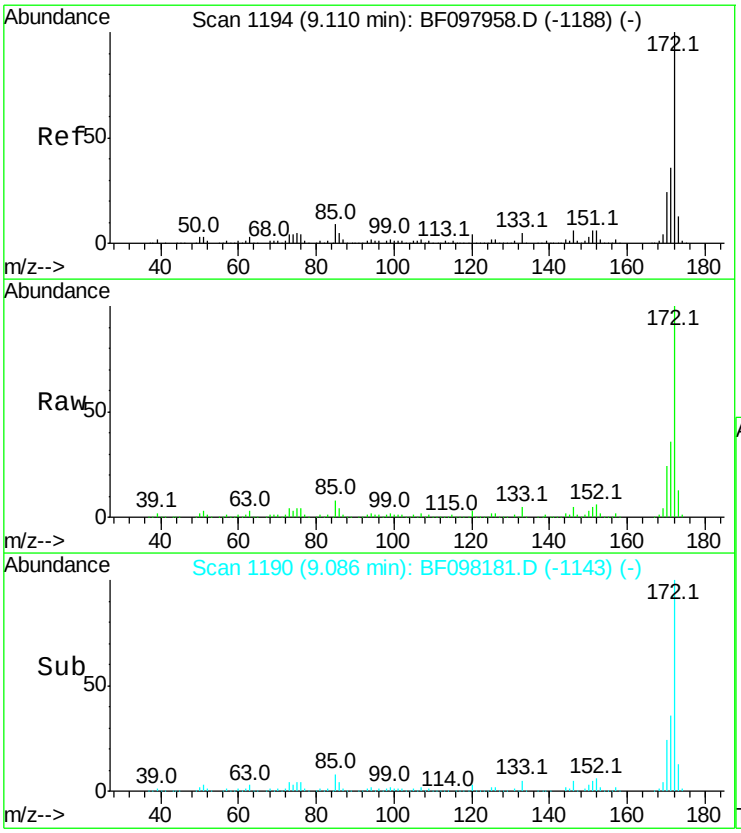
#41
2,4,6-Tribromophenol
Concen: 64.003 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 88490

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	43.1	31.4	47.2

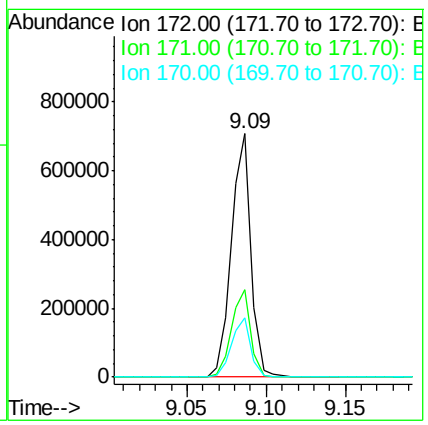


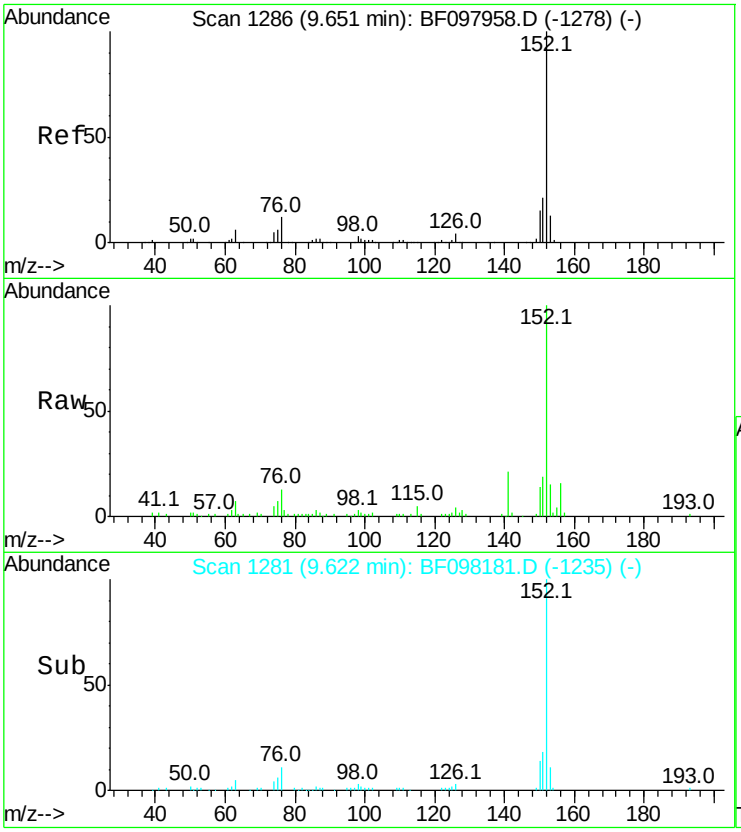


#44
2-Fluorobiphenyl
Concen: 55.873 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:172 Resp: 605981

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.4	19.8	29.8



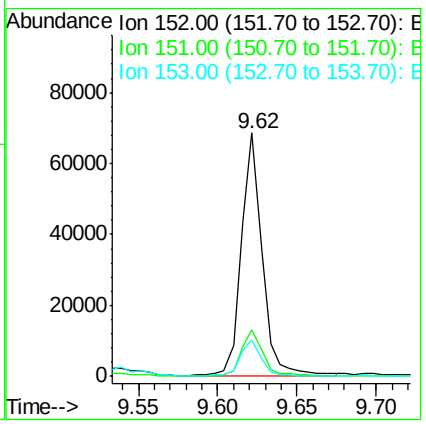


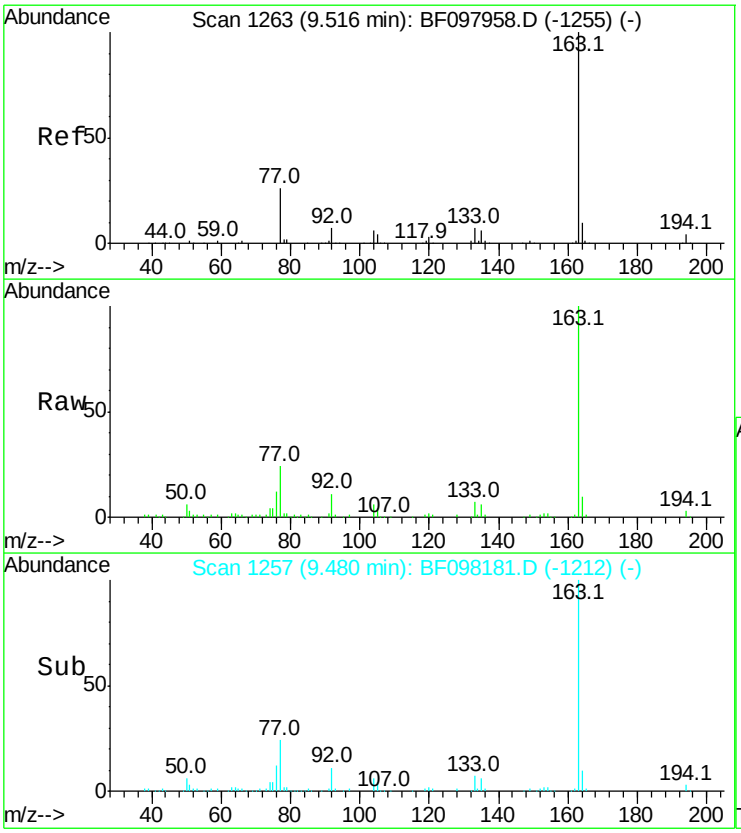
#48
Acenaphthylene
Concen: 3.755 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63317

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.8	25.2
153	15.0	10.8	16.2

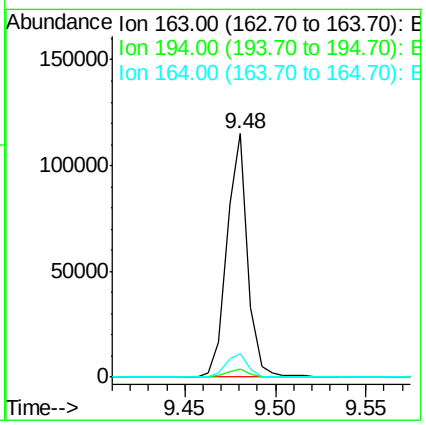


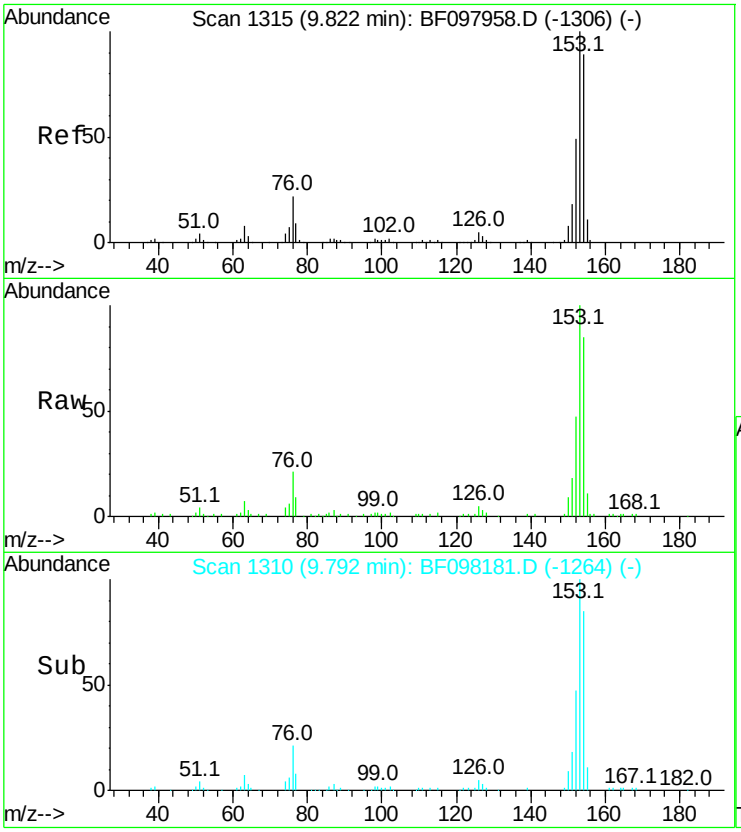


#49
Dimethylphthalate
Concen: 7.807 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:163 Resp: 90931

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



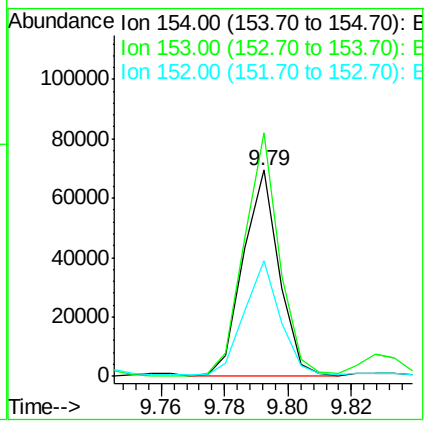


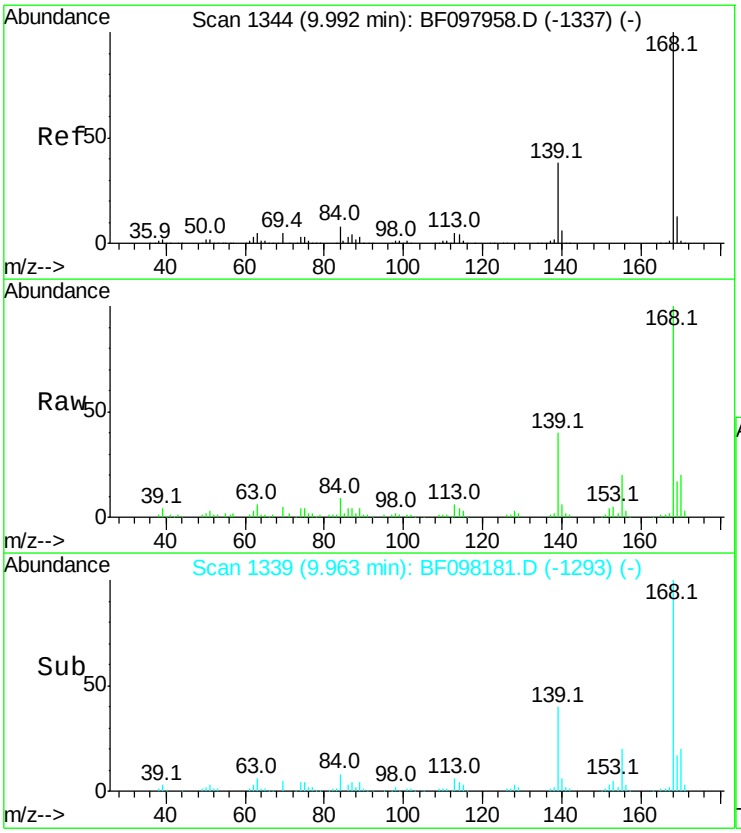
#51
Acenaphthene
Concen: 5.155 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 54811

Ion	Ratio	Lower	Upper
154	100		
153	118.0	90.5	135.7
152	55.7	43.6	65.4

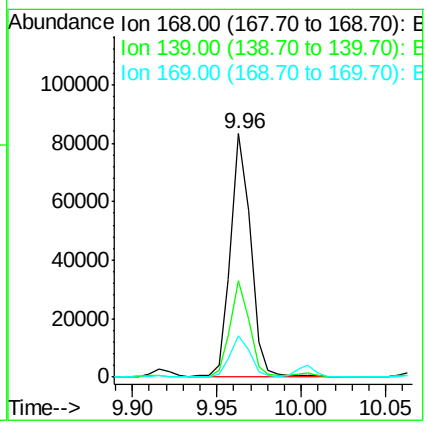


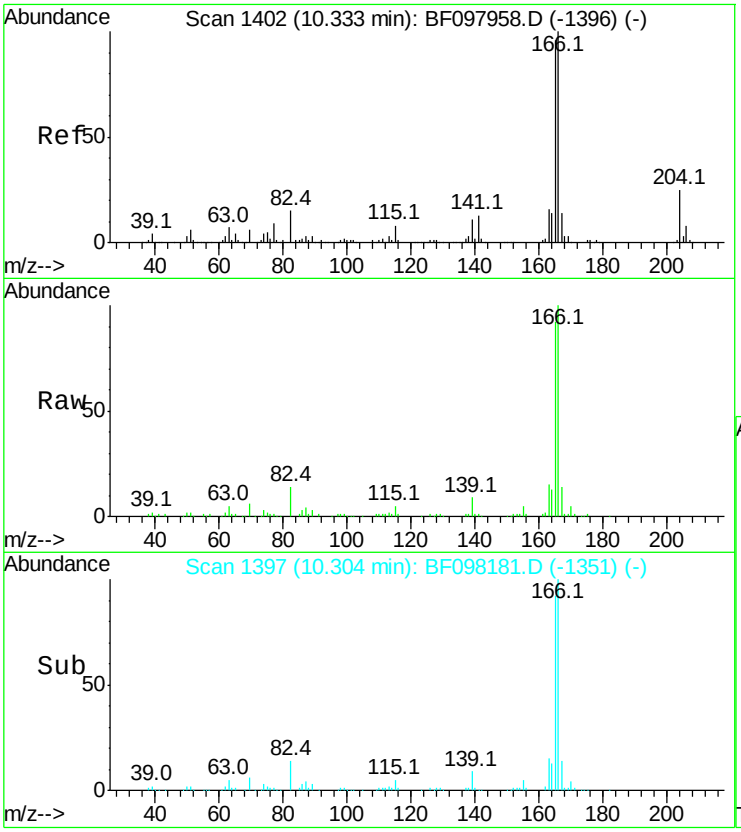


#54
Dibenzofuran
Concen: 4.864 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:168 Resp: 69323

Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.6	45.8
169	16.7	10.8	16.2#



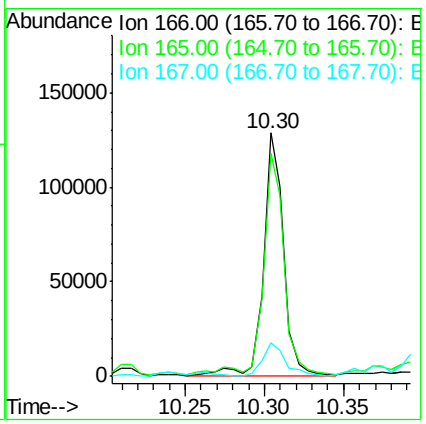


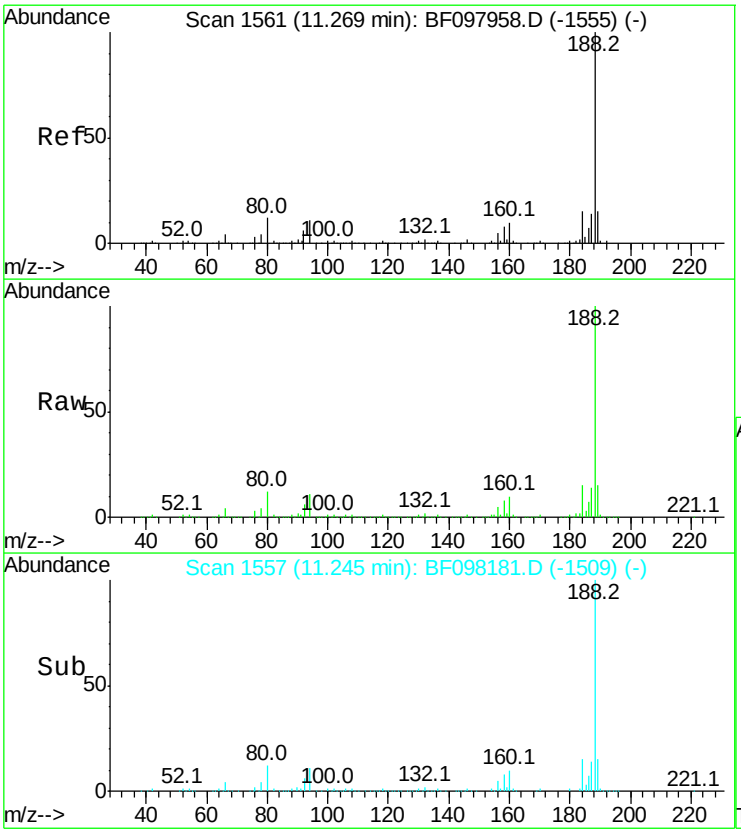
#57
Fluorene
Concen: 10.208 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 112475

Ion	Ratio	Lower	Upper
166	100		
165	91.8	78.8	118.2
167	13.7	10.6	16.0

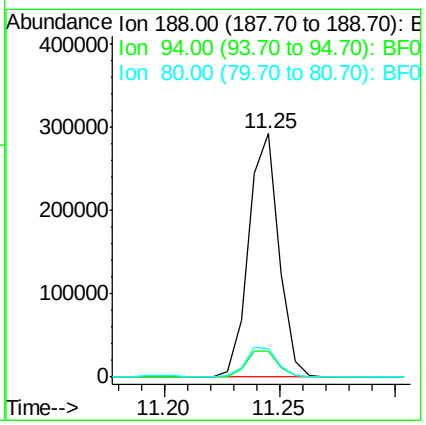


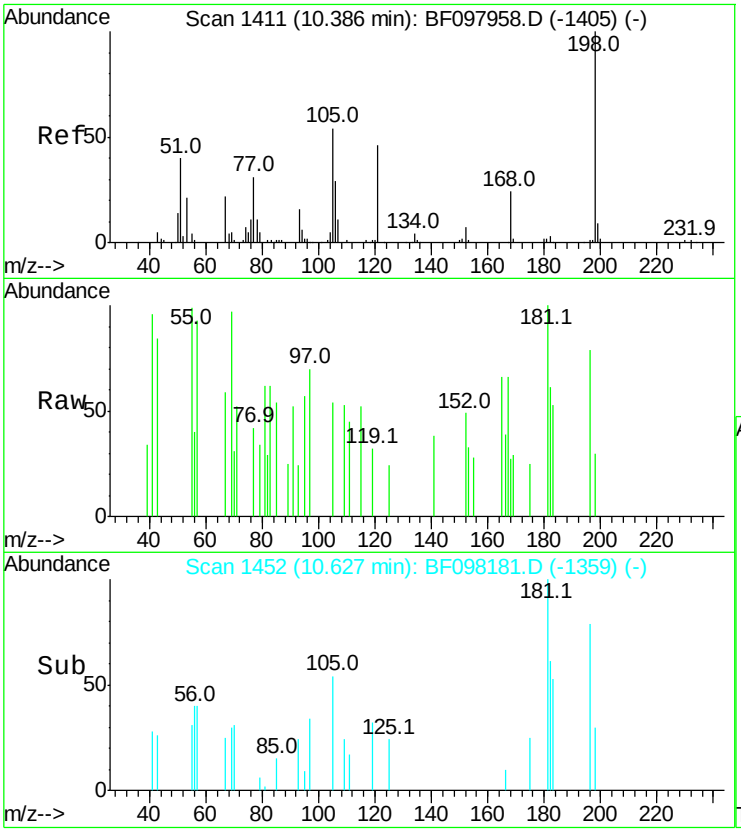


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:188 Resp: 267060

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.5	10.2	15.2



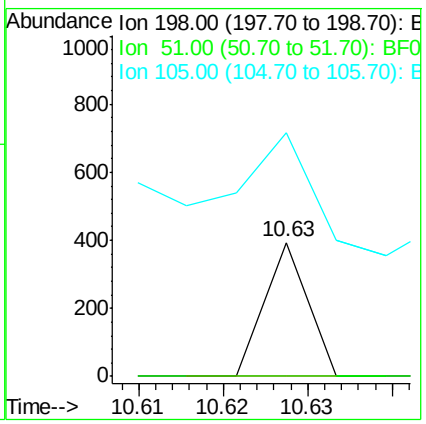


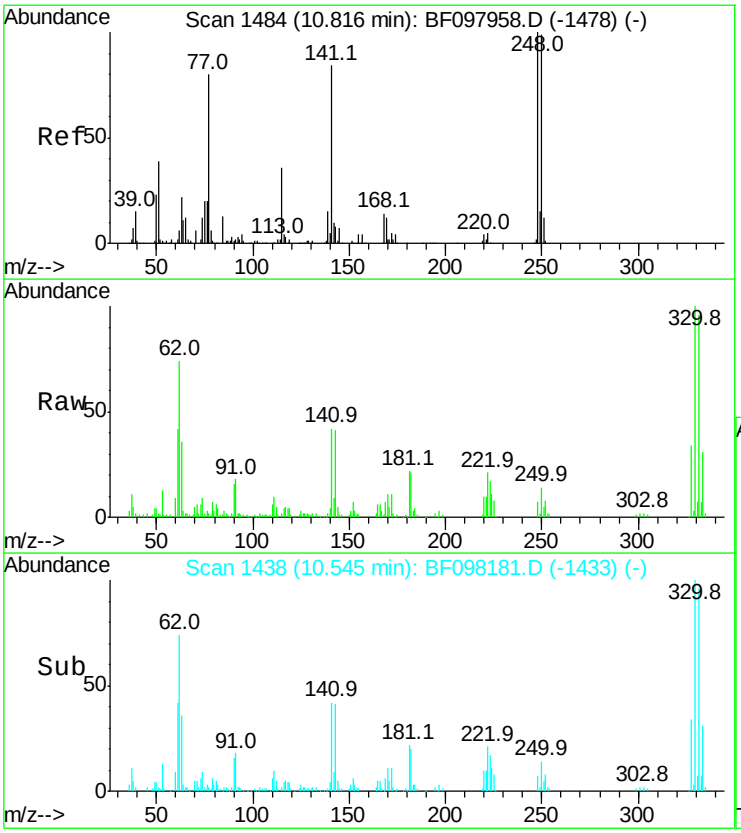
#64
4,6-Dinitro-2-methylphenol
Concen: 8.412 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.25 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 139

Ion	Ratio	Lower	Upper
198	100		
51	0.0	53.2	93.2#
105	182.2	45.8	85.8#

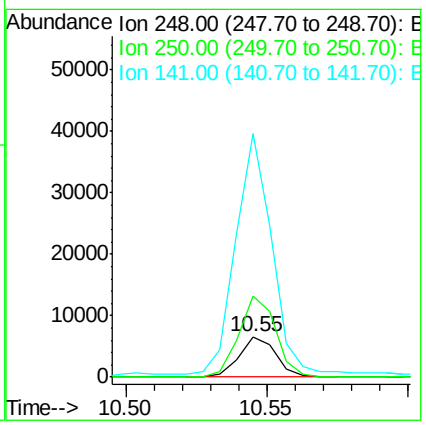


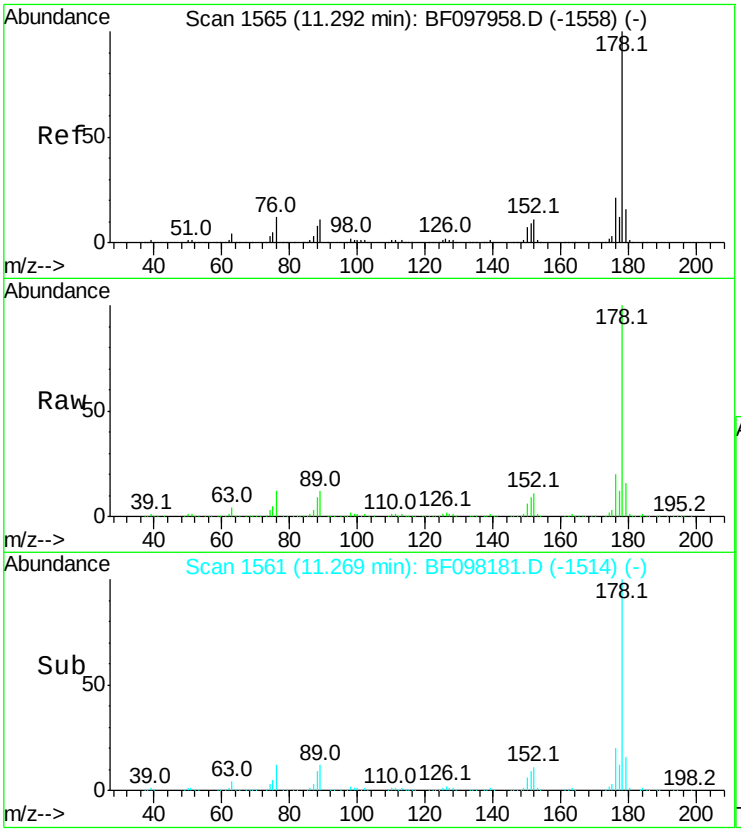


#66
4-Bromophenyl-phenylether
Concen: 2.138 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.27 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:248 Resp: 5929

Ion	Ratio	Lower	Upper
248	100		
250	200.4	76.8	115.2#
141	600.3	68.6	103.0#



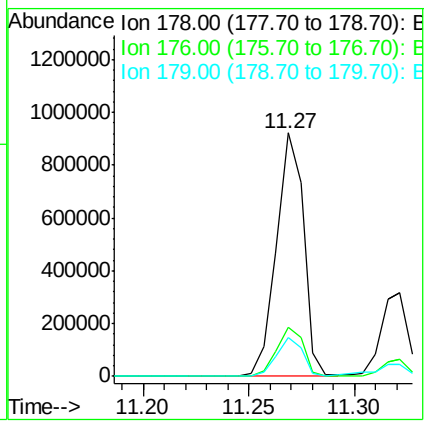


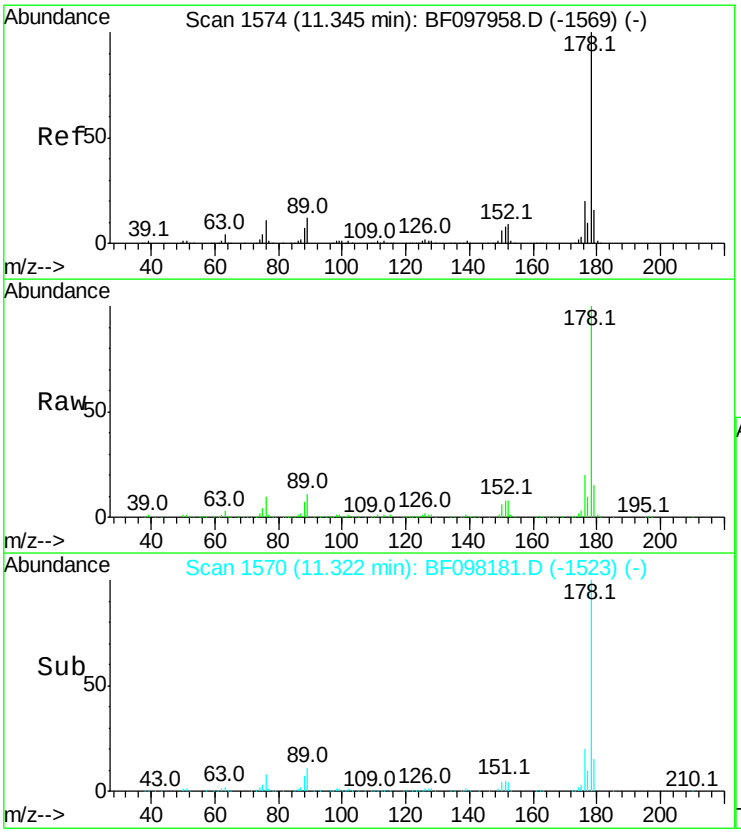
#70
Phenanthrene
Concen: 58.074 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 826445

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.9	12.6	19.0

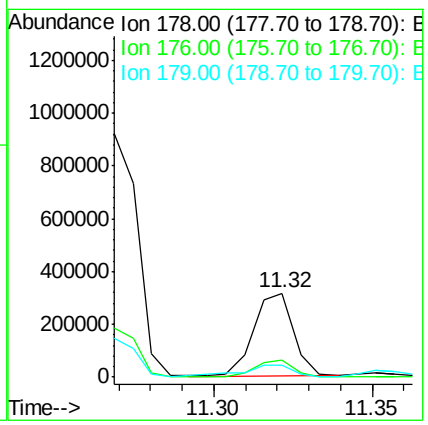


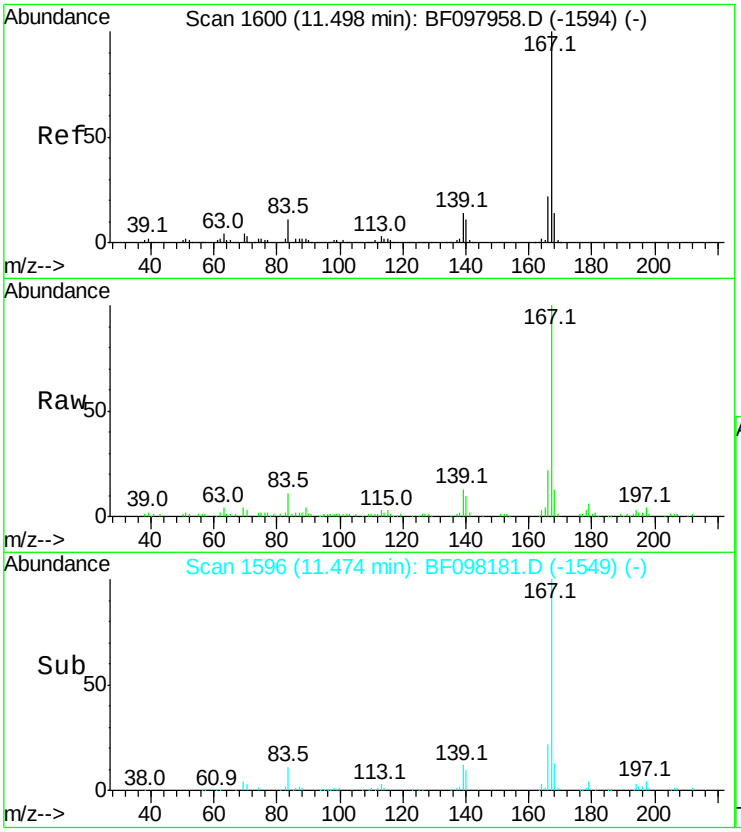


#71
Anthracene
Concen: 19.070 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:178 Resp: 275249

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.9	12.7	19.1



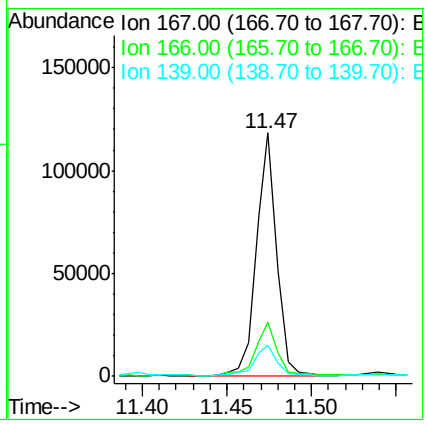


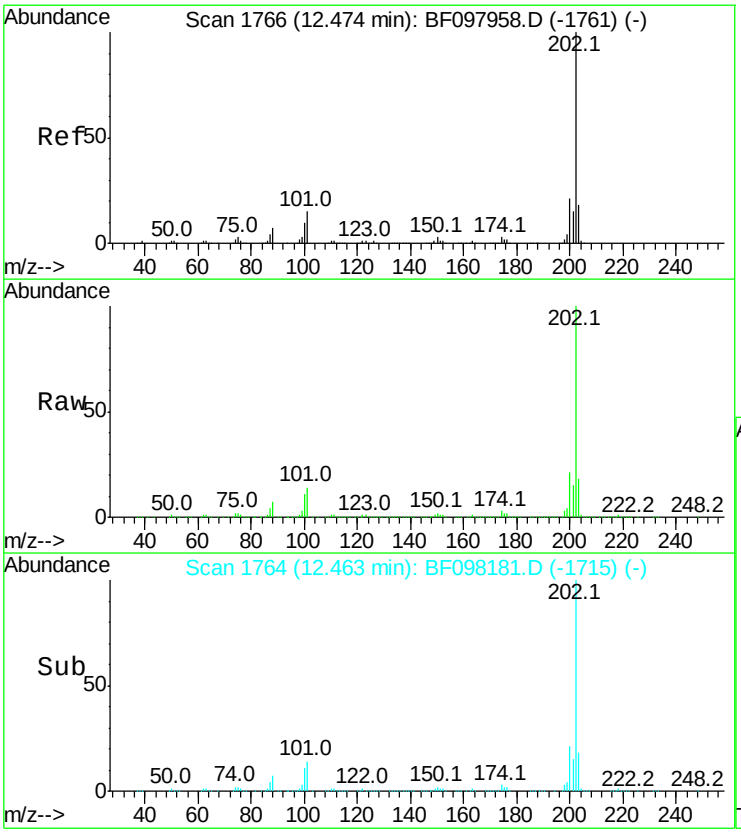
#72
Carbazole
Concen: 7.300 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 100015

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	12.7	11.7	17.5

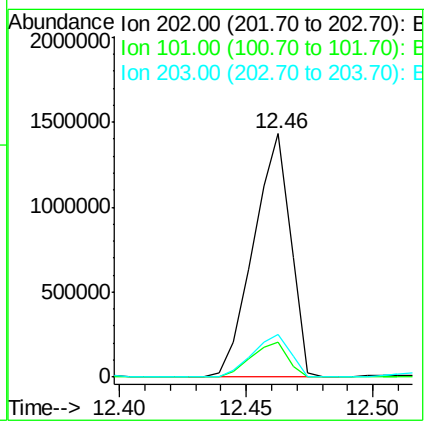


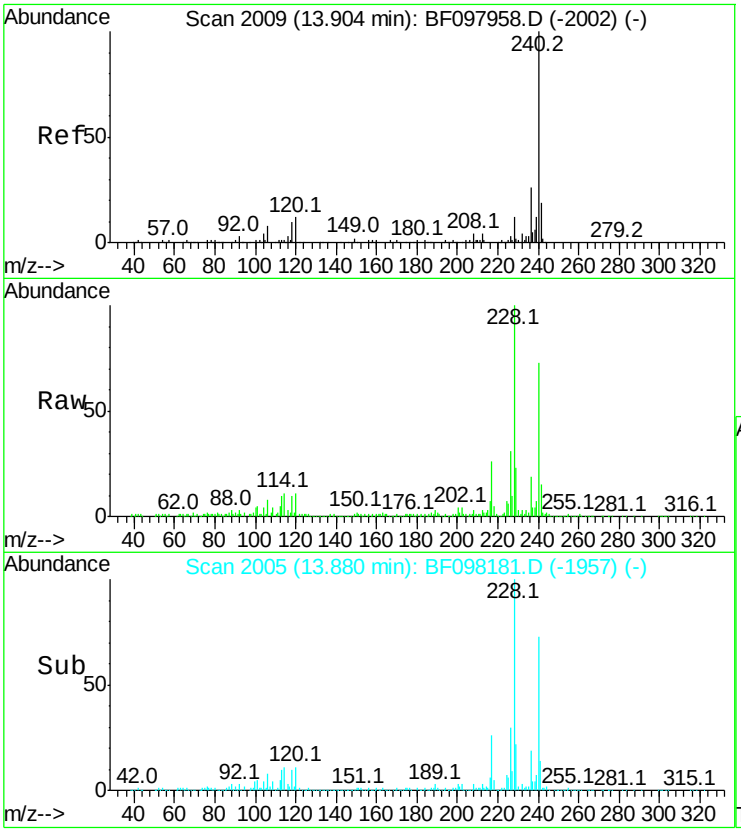


#74
Fluoranthene
Concen: 98.500 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:202 Resp: 1463094

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.8	0.0	38.1



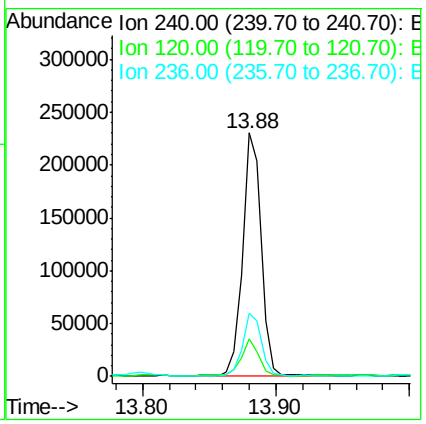


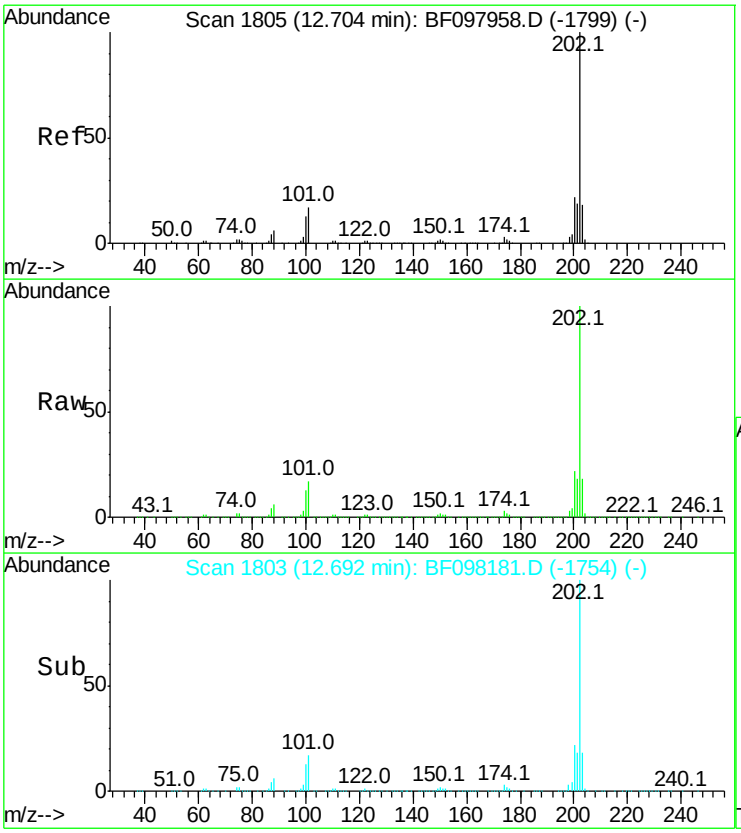
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 220272

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	26.2	20.5	30.7

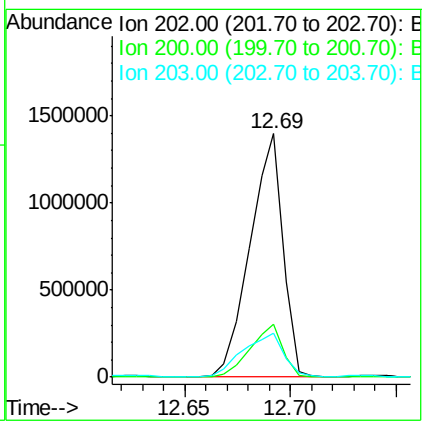


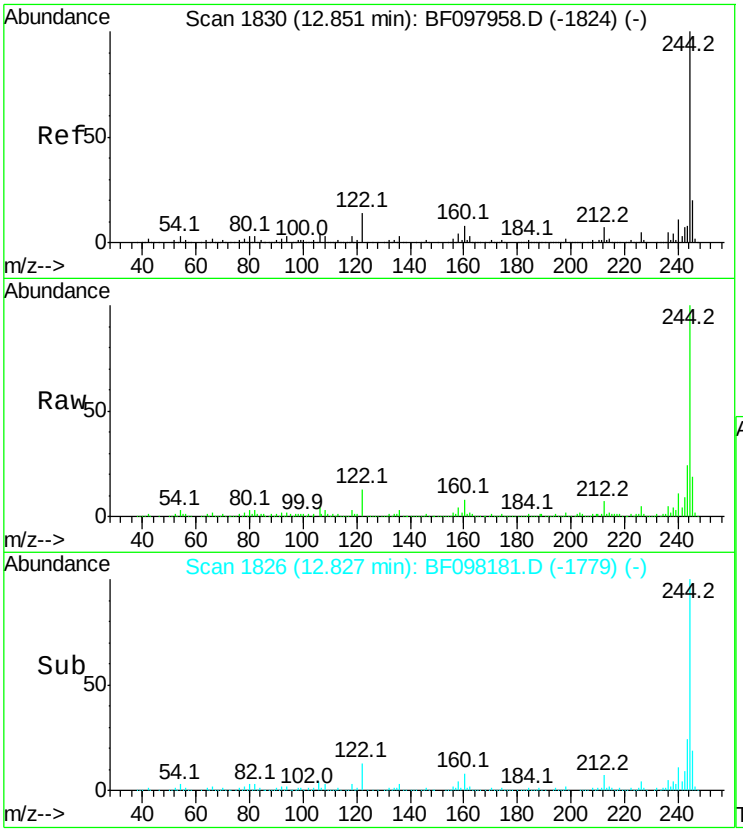


#77
Pyrene
Concen: 83.666 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:202 Resp: 1507309

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.9	14.4	21.6



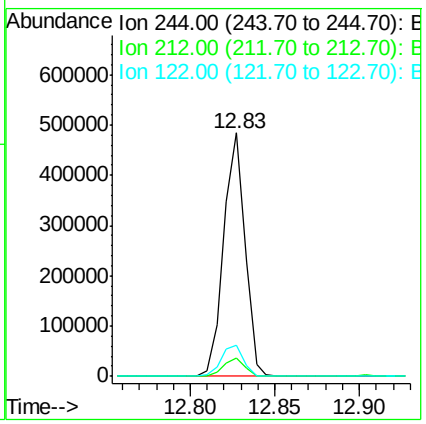


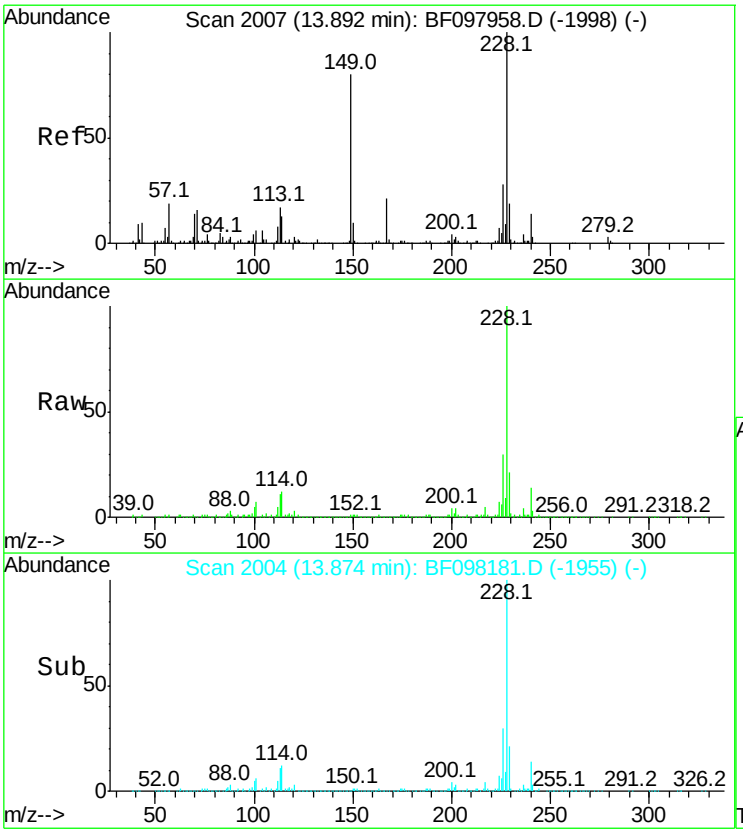
#78
Terphenyl-d14
Concen: 40.203 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 424656

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.0	10.3	15.5

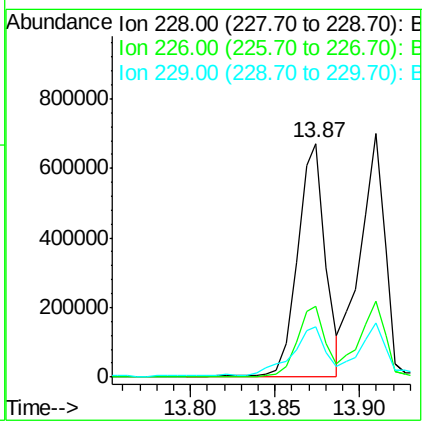


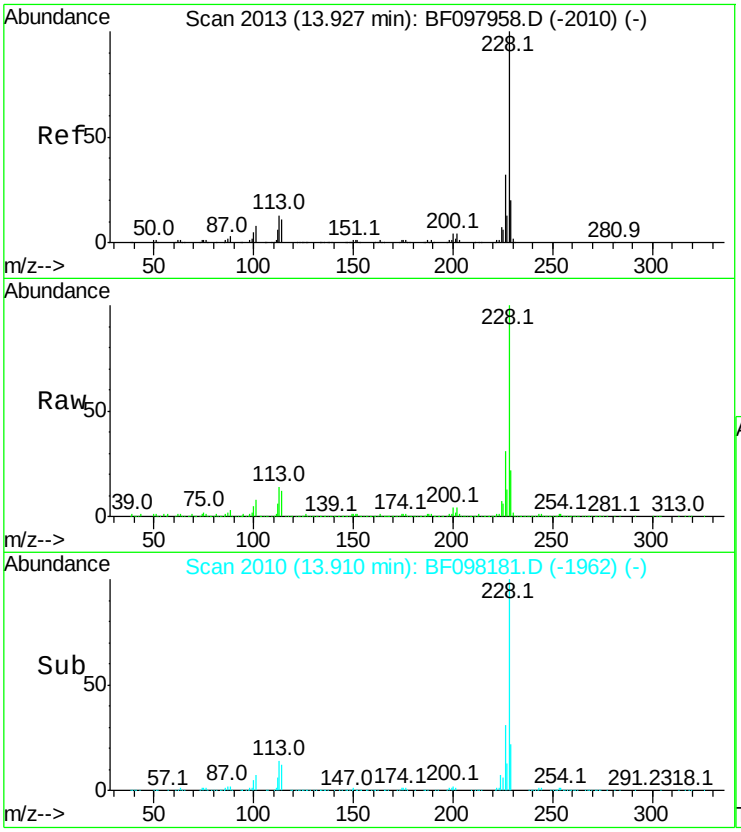


#80
Benzo(a)anthracene
Concen: 57.922 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:228 Resp: 764678

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.3	16.3	24.5



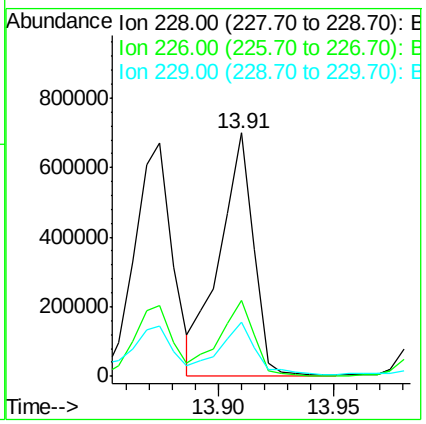


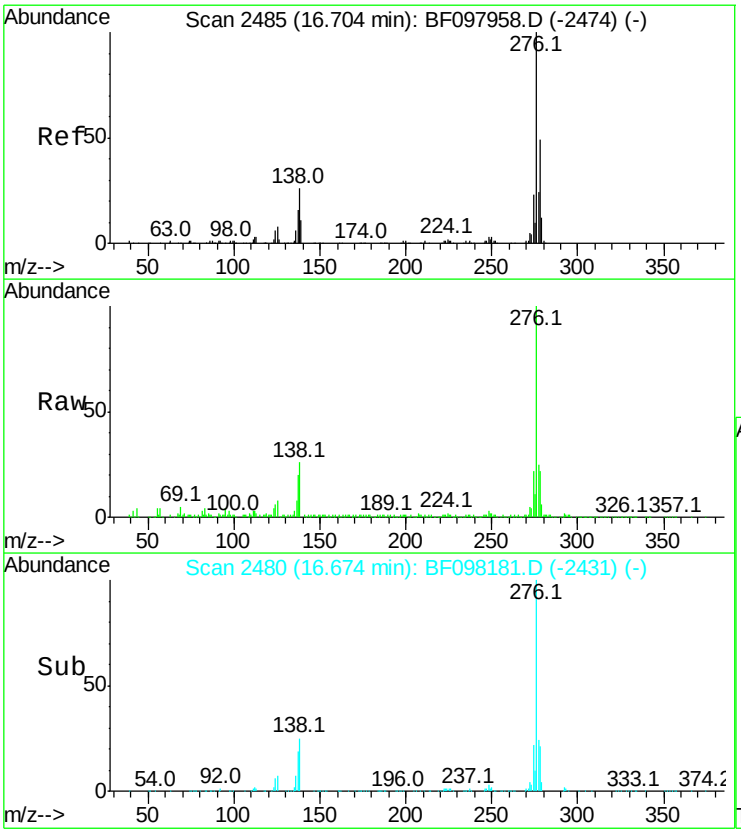
#82
Chrysene
Concen: 54.309 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 713228

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.4	15.8	23.6

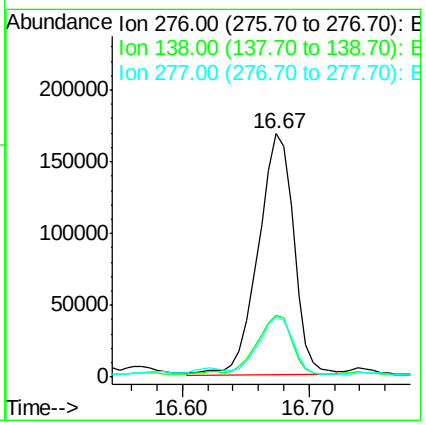


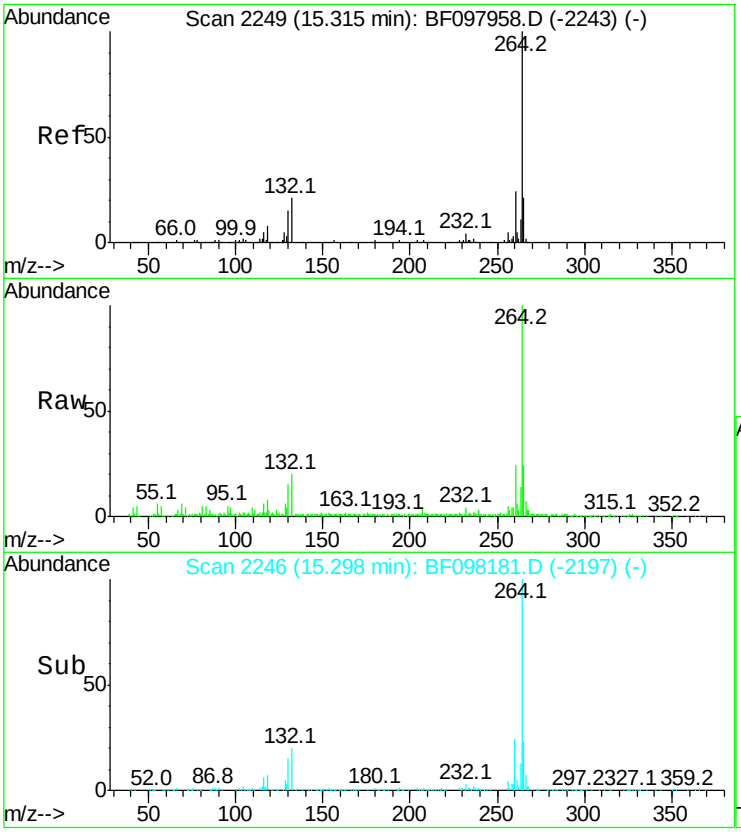


#85
Indeno(1,2,3-cd)pyrene
Concen: 33.977 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:276 Resp: 328247

Ion	Ratio	Lower	Upper
276	100		
138	25.6	27.8	41.6#
277	23.0	20.2	30.4



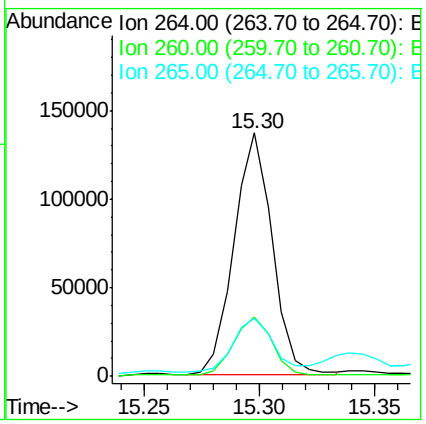


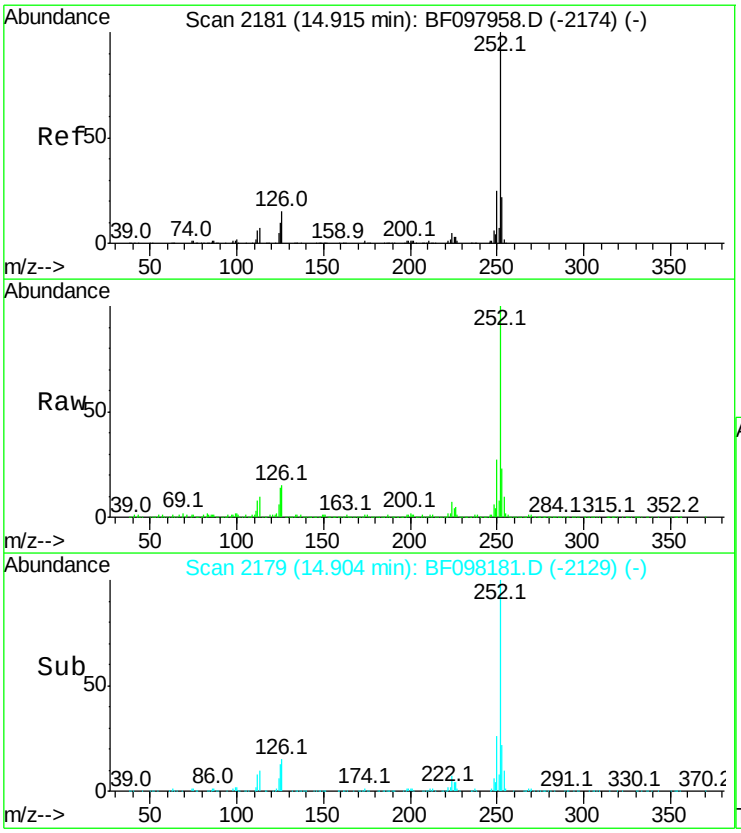
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 158340

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.7	17.2	25.8

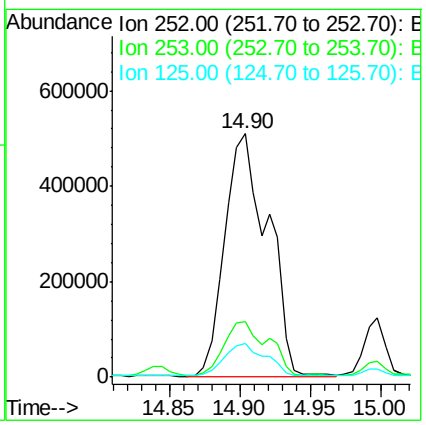


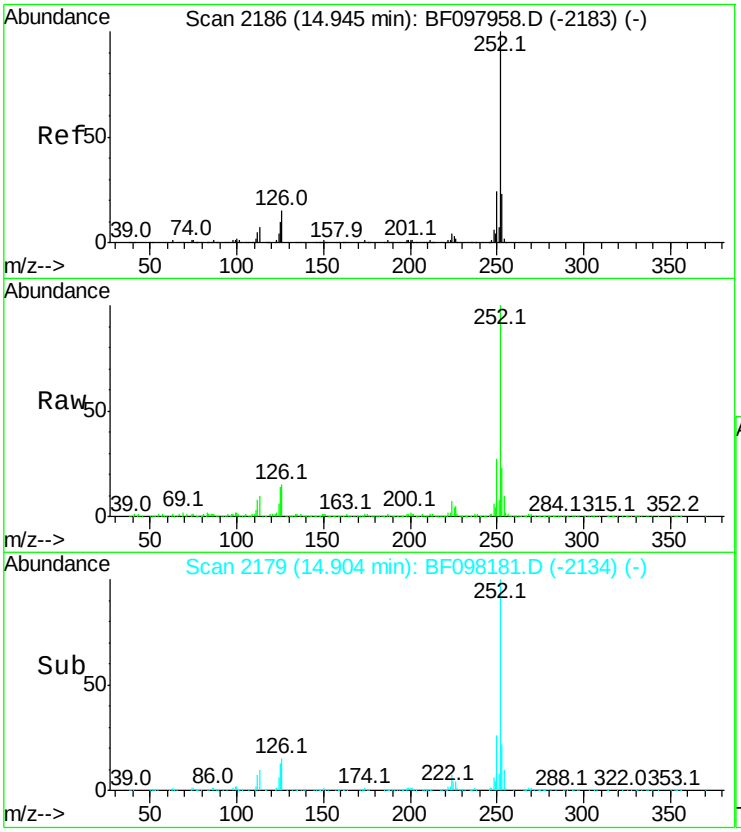


#87
Benzo(b)fluoranthene
Concen: 108.239 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:252 Resp: 1080302

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.6	9.8	14.8



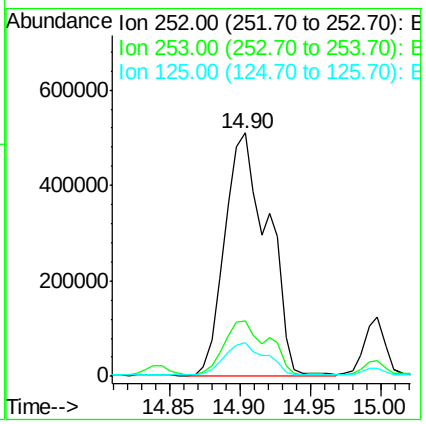


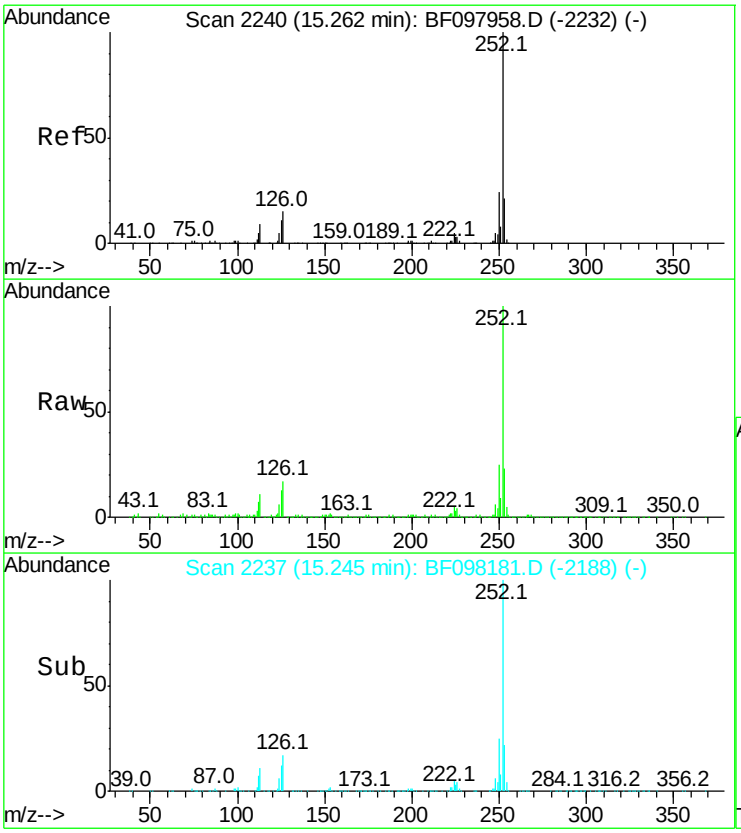
#88
Benzo(k)fluoranthene
Concen: 115.209 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1080302

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	13.6	13.1	19.7

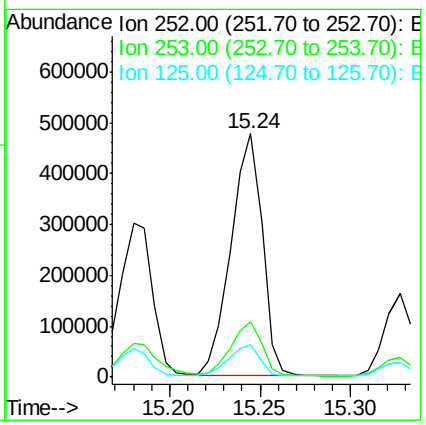


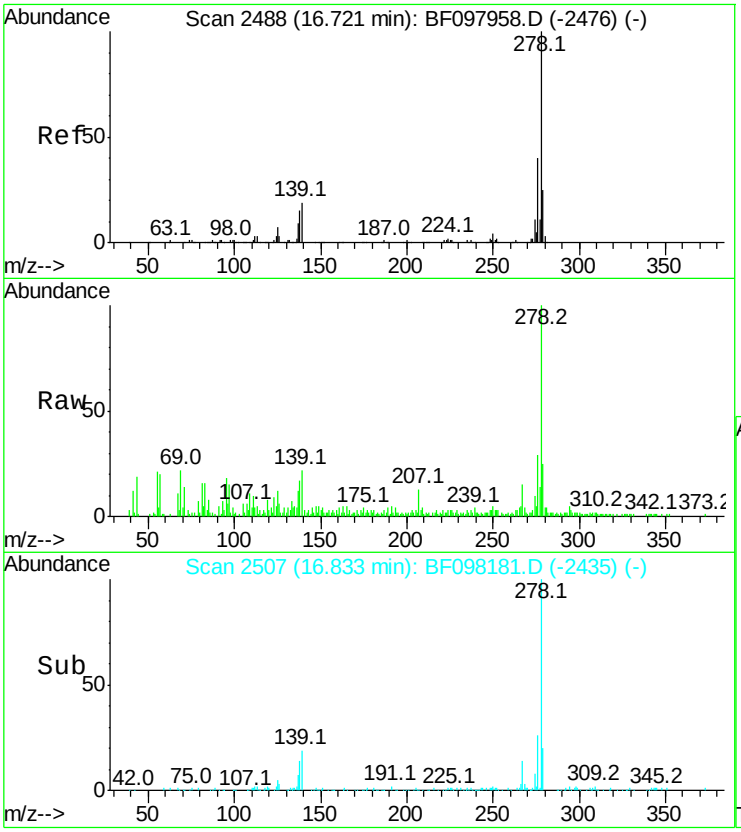


#89
Benzo(a)pyrene
Concen: 65.043 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:252 Resp: 574692

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.1	11.0	16.4



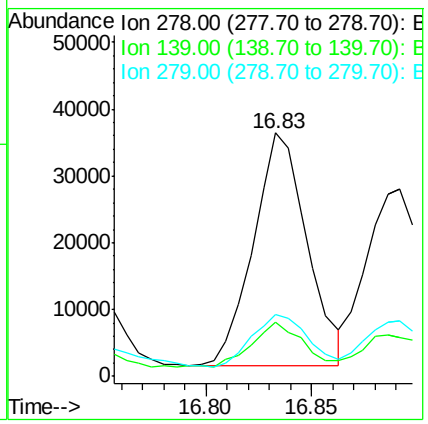


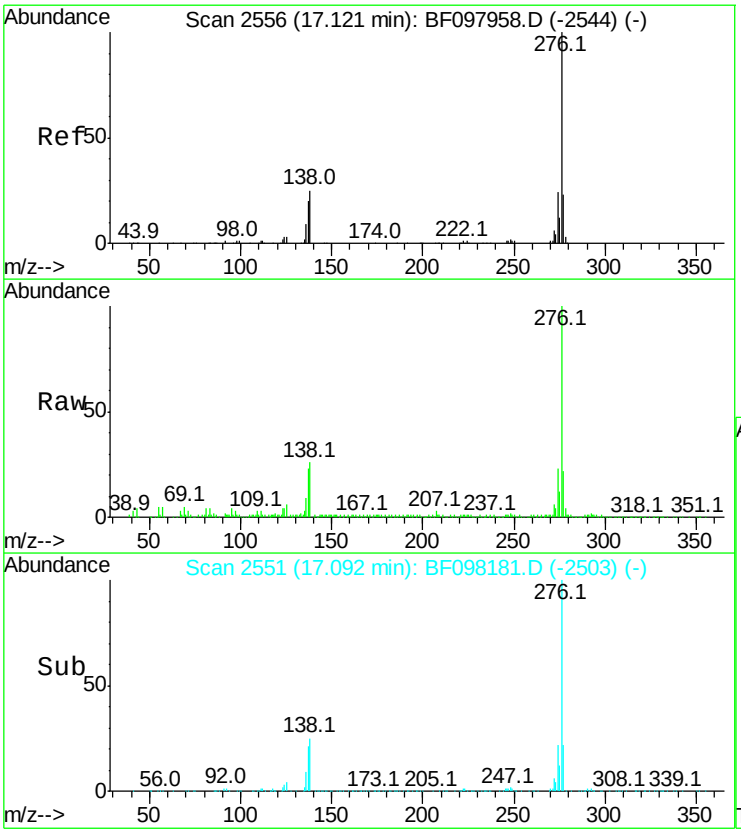
#90
Dibenzo(a,h)anthracene
Concen: 8.570 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.12 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 61649

Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	25.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 41.117 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.02 min
Lab File: BF098181.D
Acq: 31 Aug 2017 3:05

Tgt Ion:276 Resp: 308603

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	28.0
138	26.0	25.4	38.0