Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098316.D
Acq On : 7 Sep 2017 16:25
Operator : SJ/JU
Sample : I5075-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 292

Quant Time: Sep 07 17:11:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111061	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	442622	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	190189	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	320059	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	236481	20.00	ng		-0.02
86) Perylene-d12	15.26	264	221111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	734792	100.64	ng		0.00
7) Phenol-d6	6.33	99	1008466	101.65	ng		-0.02
23) Nitrobenzene-d5	7.26	82	624492	76.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	175318	106.24	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	940721	72.67	ng		-0.02
78) Terphenyl-d14	12.79	244	634483	55.95	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	81728	12.034	ng	#	70
25) Isophorone	7.26	82	621178	36.665	ng	#	67
32) Benzoic acid	7.72	122	276	6.451	ng	#	88
49) Dimethylphthalate	9.45	163	164497	11.832	ng		99
56) 2,4-Dinitrotoluene	9.72	165	25135	7.217	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.52	198	281	8.475	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	11162	3.358	ng	#	1
70) Phenanthrene	11.23	178	176320	10.338	ng		97
71) Anthracene	11.28	178	45609	2.637	ng		99
74) Fluoranthene	12.42	202	312268	17.542	ng		97
77) Pyrene	12.64	202	292146	15.105	ng		98
80) Benzo(a)anthracene	13.83	228	151820	10.712	ng		98
82) Chrysene	13.87	228	145479	10.318	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	21333	2.596	ng	#	98
87) Benzo(b)fluoranthene	14.86	252	239391	17.176	ng	#	97
88) Benzo(k)fluoranthene	14.86	252	239391	18.282	ng		99
89) Benzo(a)pyrene	15.19	252	125788	10.195	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	67190	6.411	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
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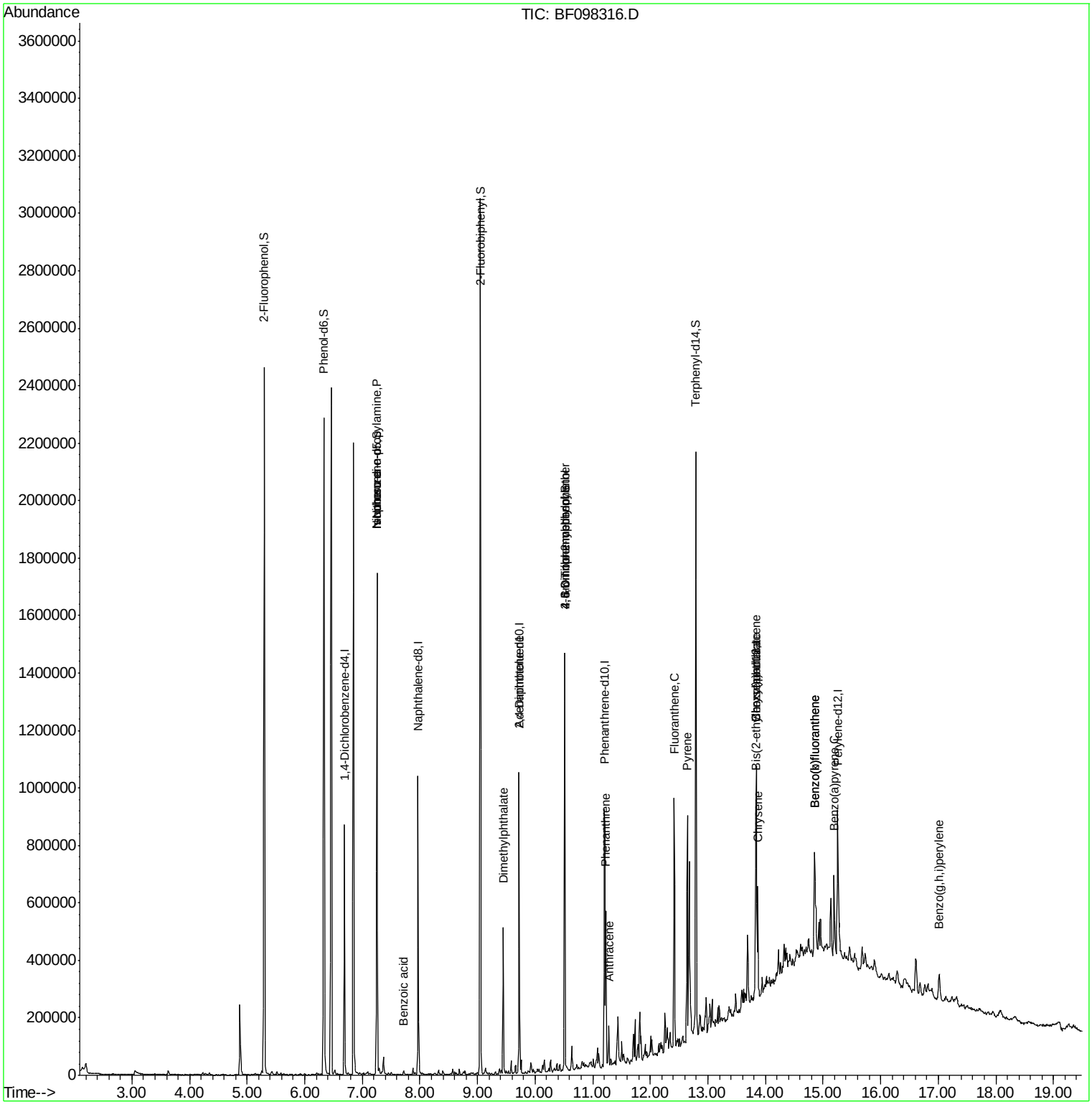
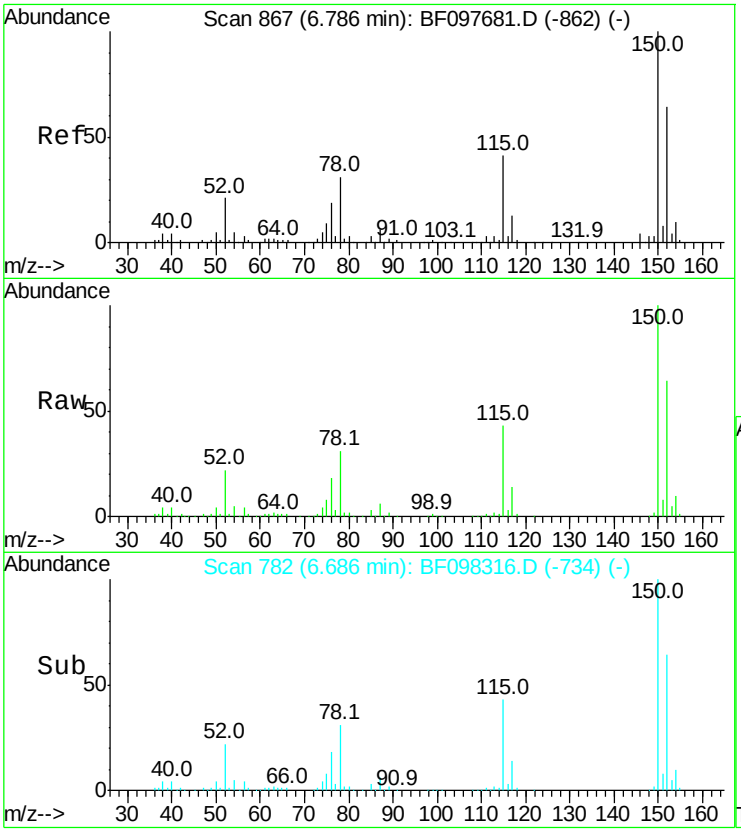


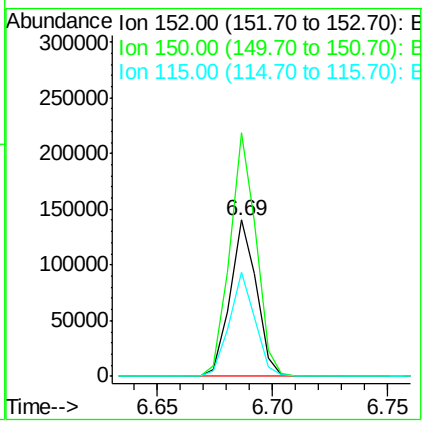


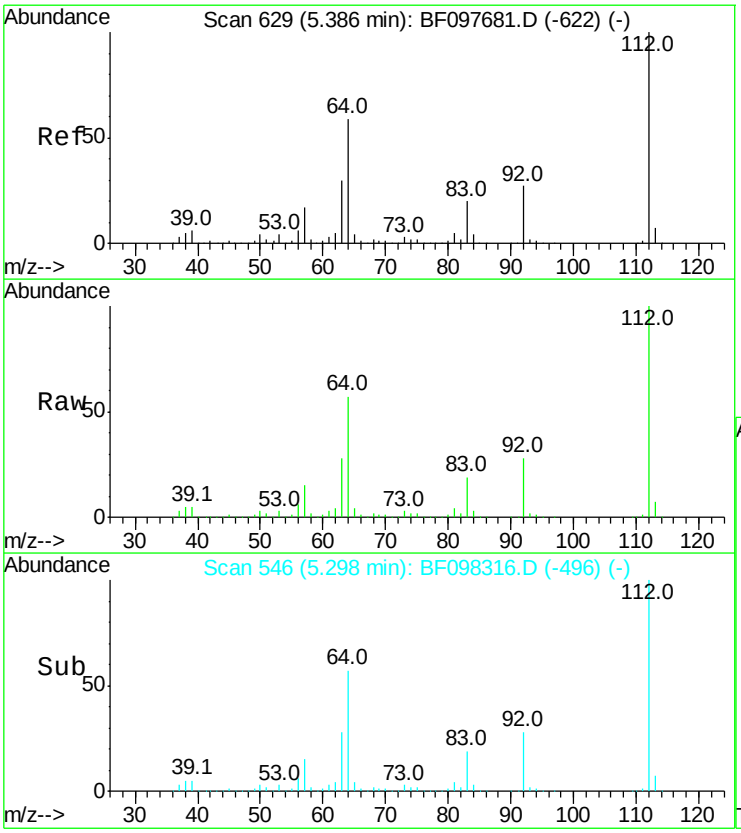
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:152 Resp: 111061

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	66.8	52.2	78.2

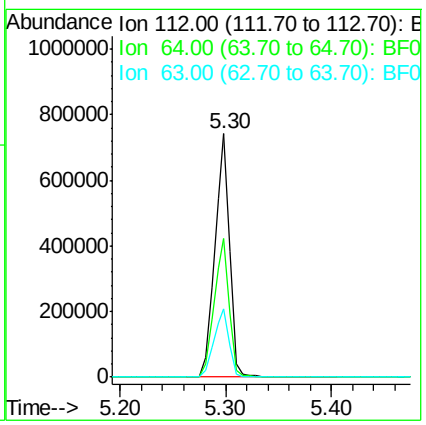


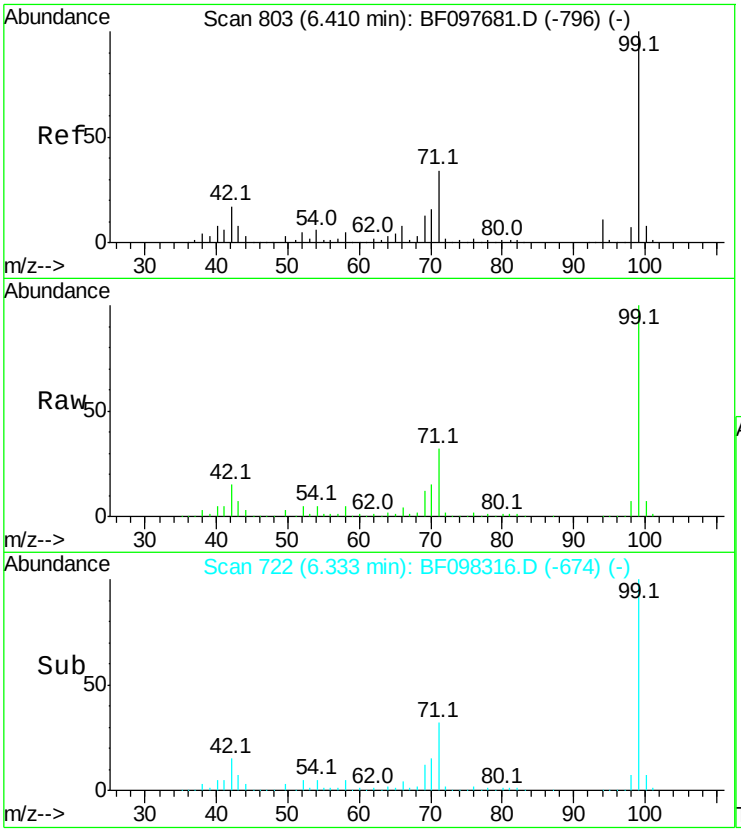


#5
2-Fluorophenol
Concen: 100.636 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:112 Resp: 734792

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.3	23.4	35.0



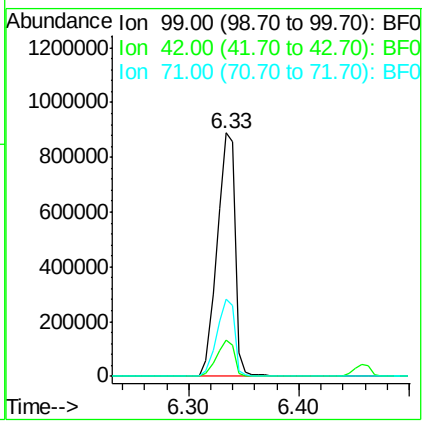


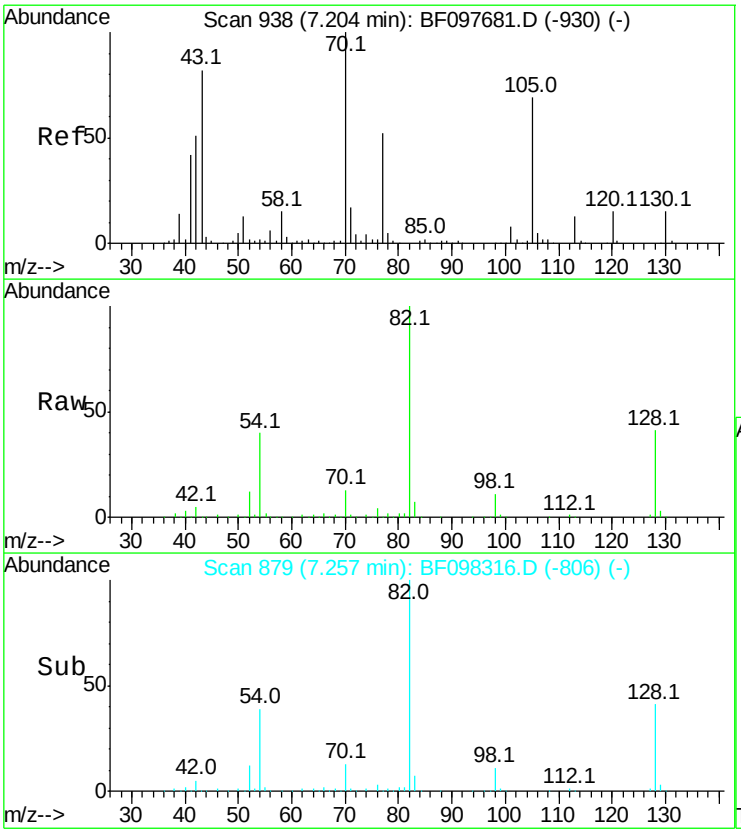
#7
Phenol-d6
Concen: 101.653 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion: 99 Resp: 1008466

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	31.8	24.5	36.7

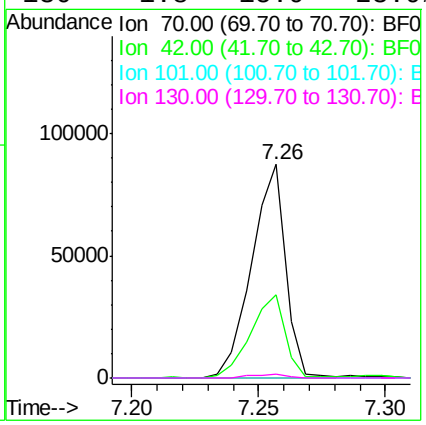


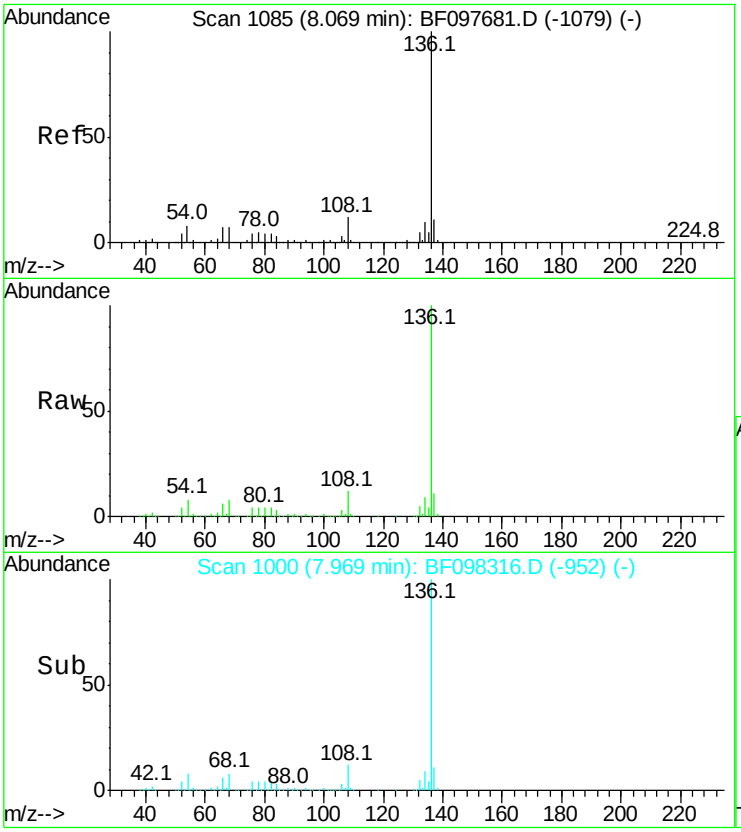


#19
n-Nitroso-di-n-propylamine
Concen: 12.034 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion: 70 Resp: 81728

Ion	Ratio	Lower	Upper
70	100		
42	38.7	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



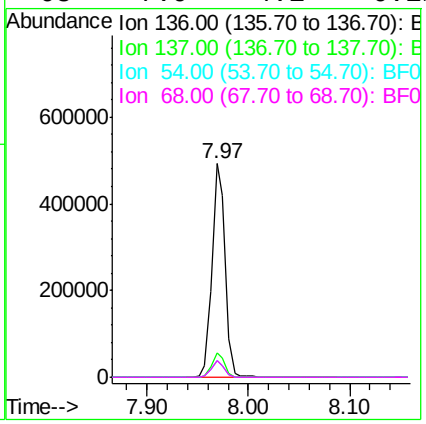


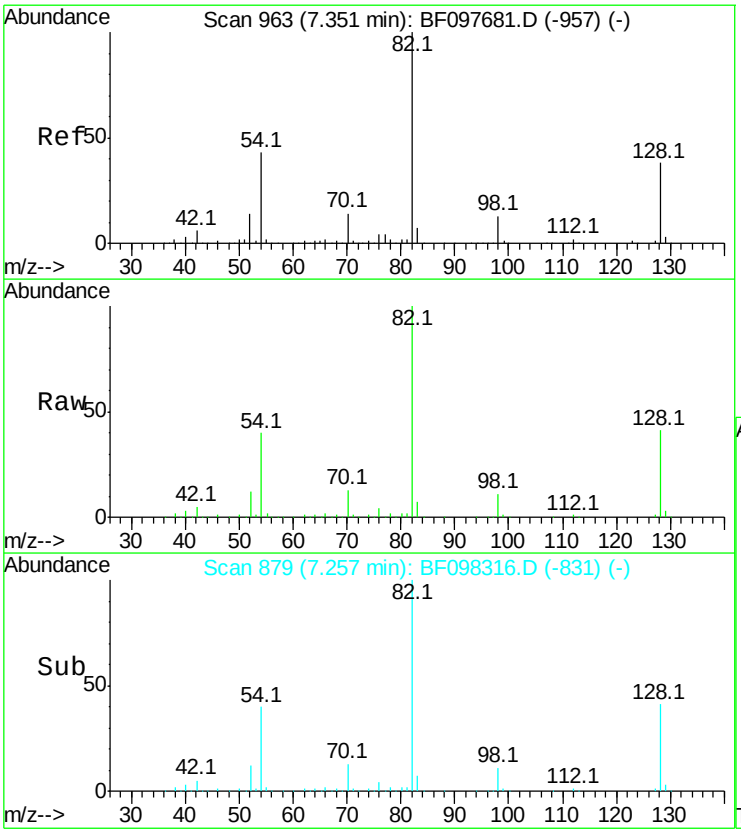
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument : BNA_F
ClientSampleId : 292

Tgt Ion:136 Resp: 442622

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.1	4.9	7.3#
68	7.9	4.1	6.1#

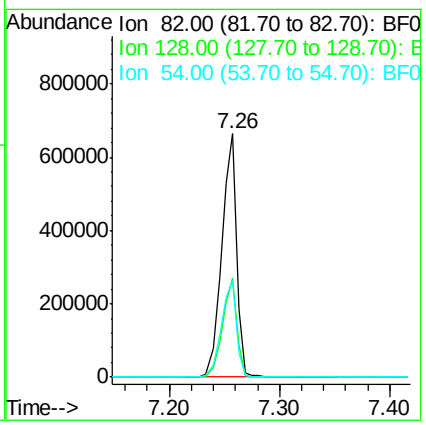


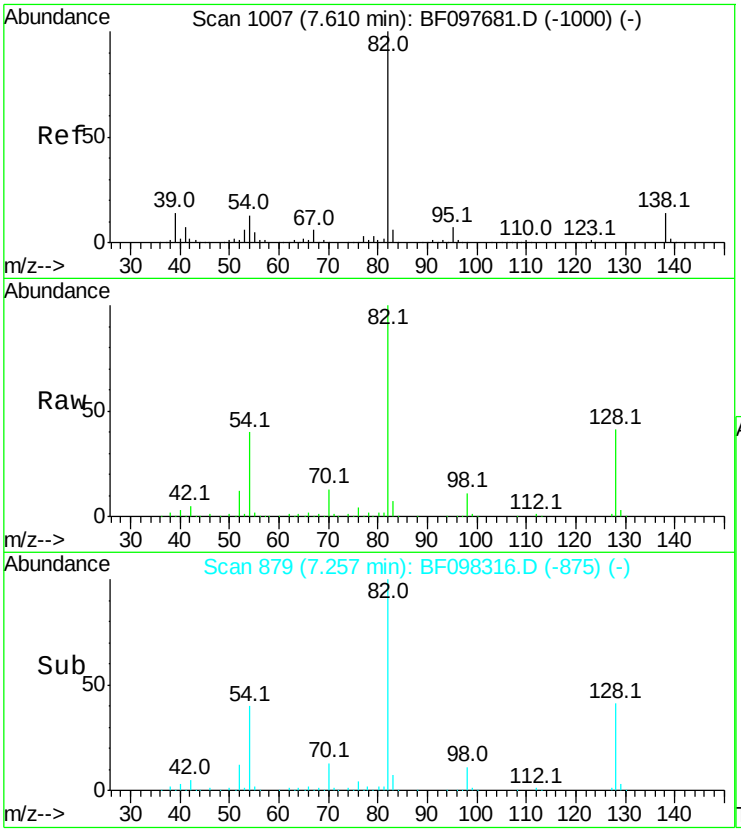


#23
Nitrobenzene-d5
Concen: 76.646 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion: 82 Resp: 624492

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.0	51.0
54	39.6	42.2	63.2#



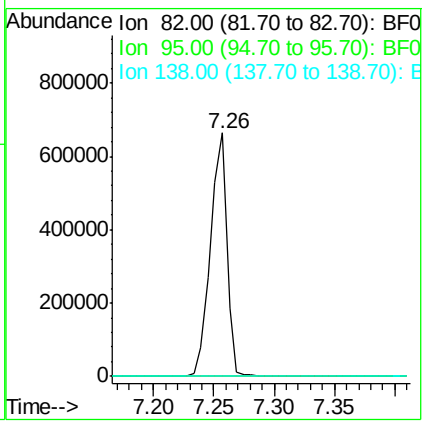


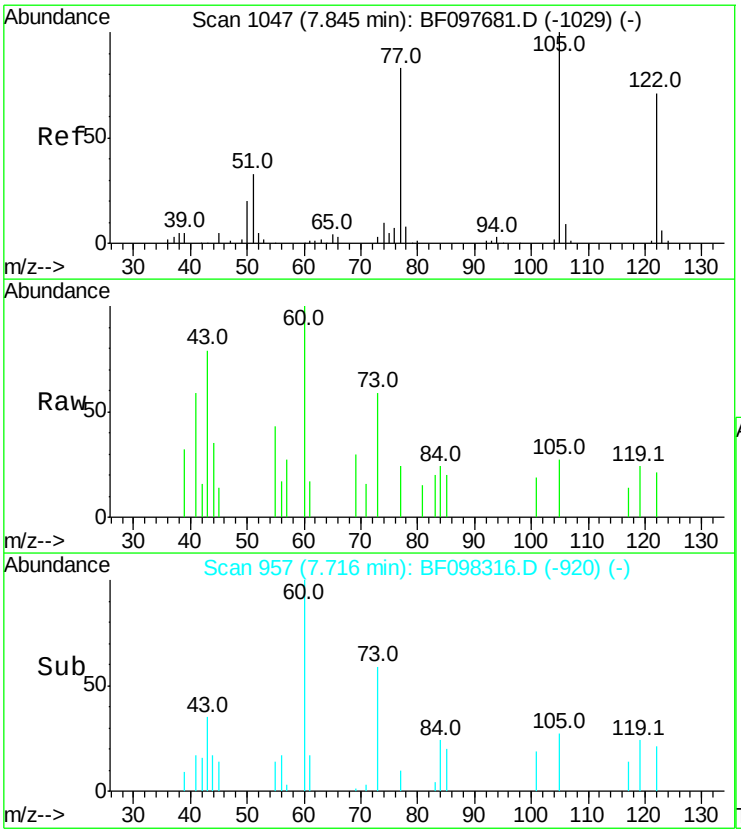
#25
Isophorone
Concen: 36.665 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion: 82 Resp: 621178

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

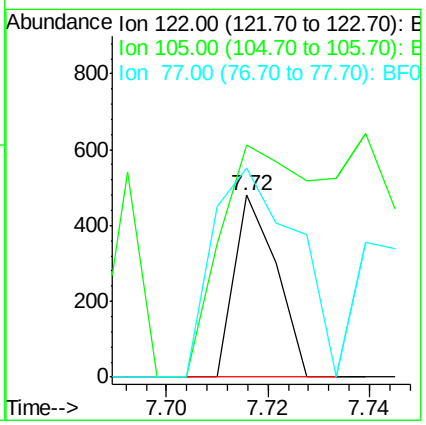


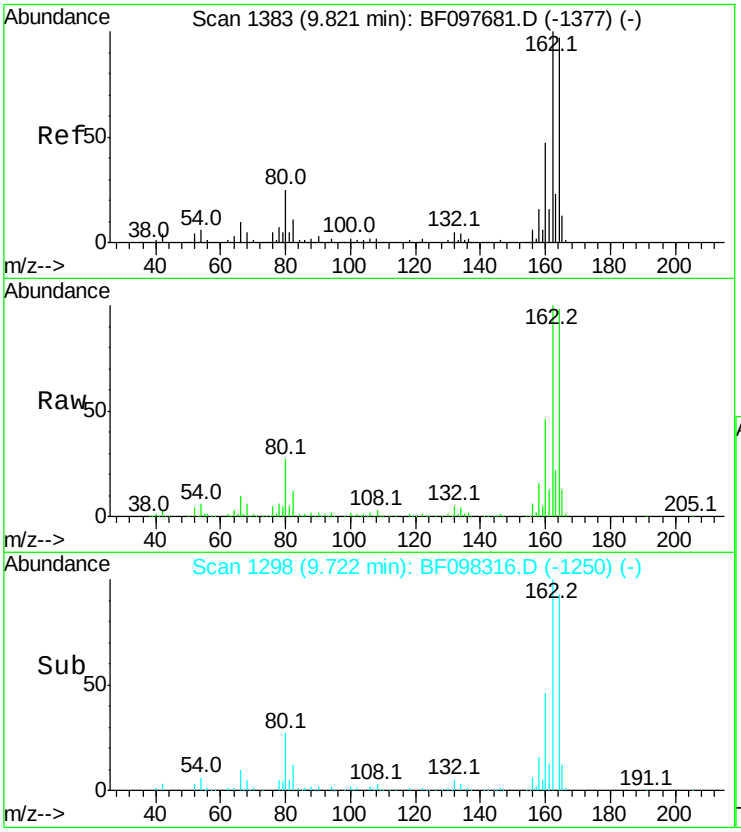


#32
Benzoic acid
Concen: 6.451 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.08 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:122 Resp: 276

Ion	Ratio	Lower	Upper
122	100		
105	127.5	103.3	143.3
77	115.0	73.7	113.7#



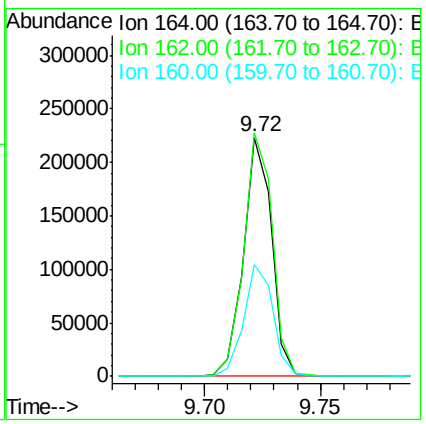


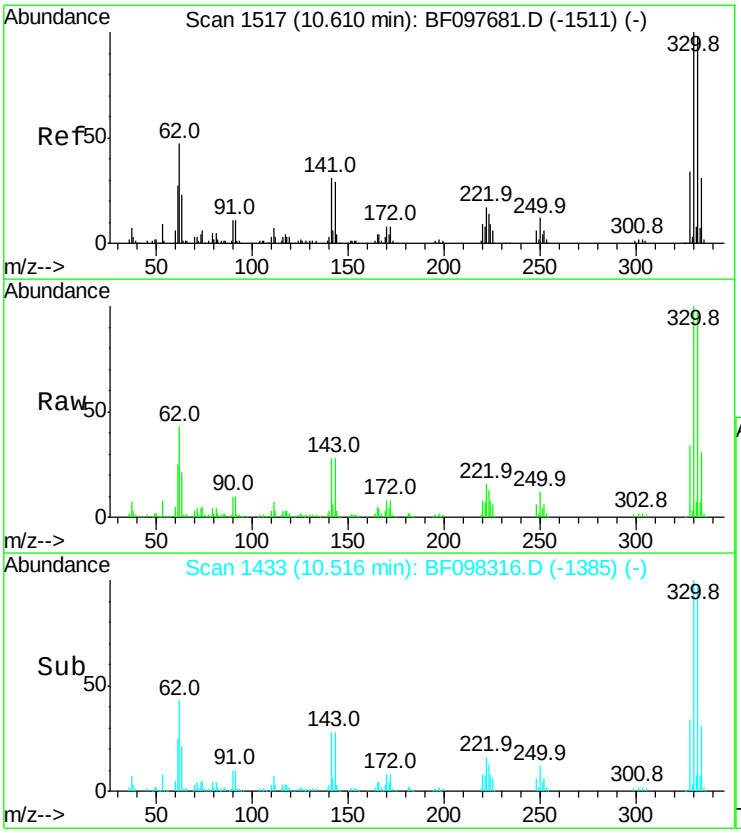
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:164 Resp: 190189

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.6	36.2	54.2

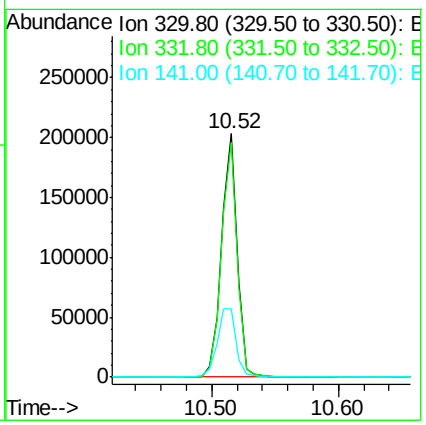


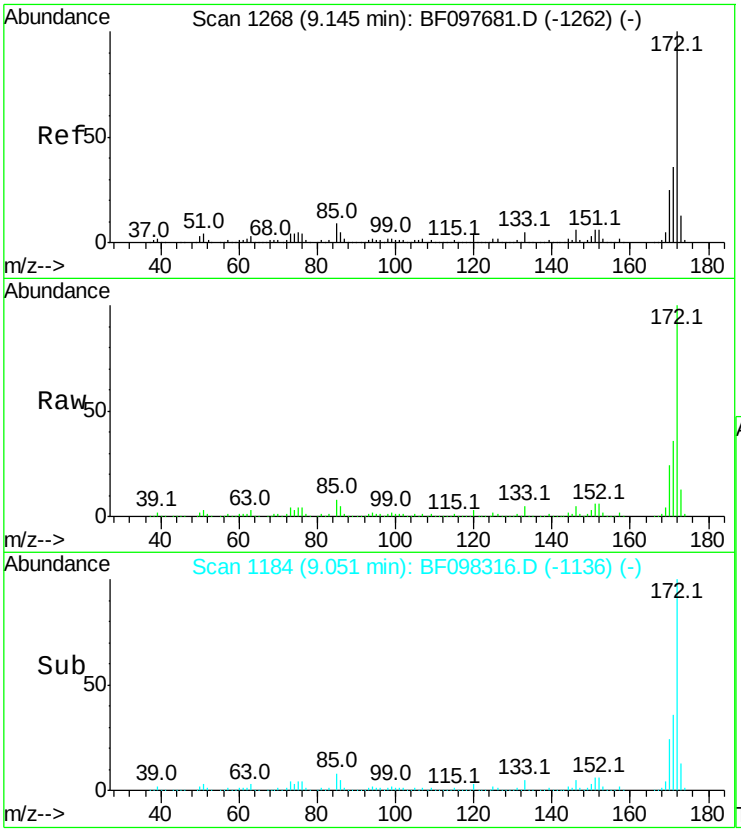


#41
2,4,6-Tribromophenol
Concen: 106.240 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:330 Resp: 175318

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	34.7	31.4	47.2



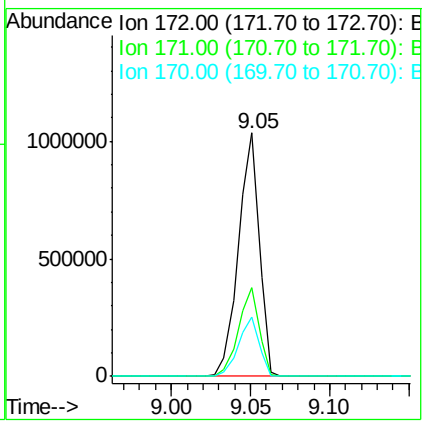


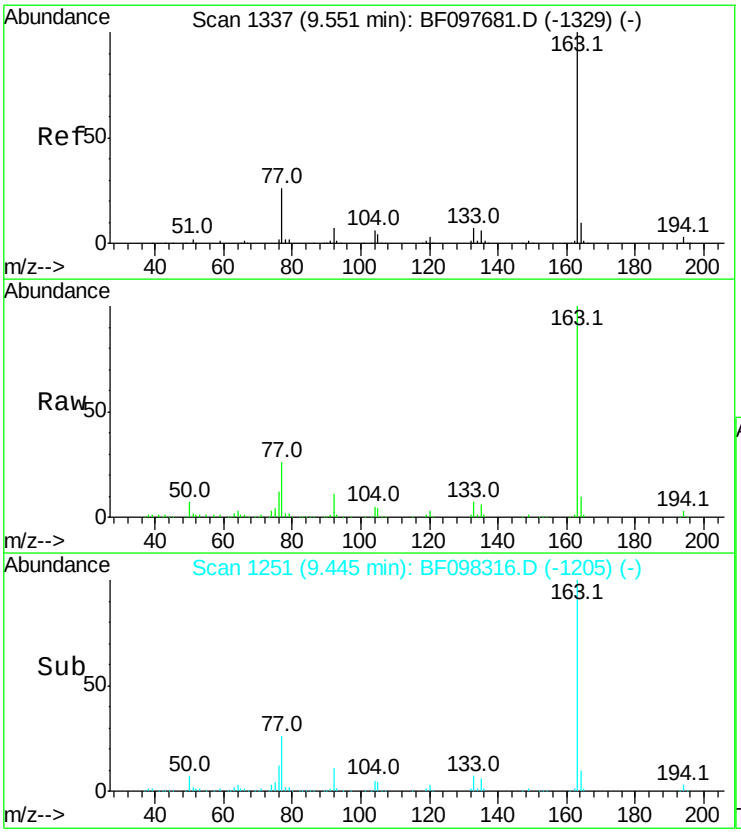
#44
2-Fluorobiphenyl
Concen: 72.670 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:172 Resp: 940721

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

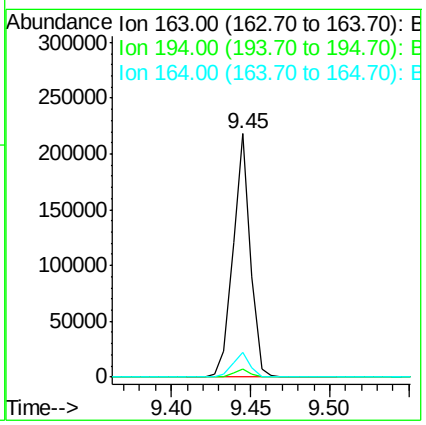


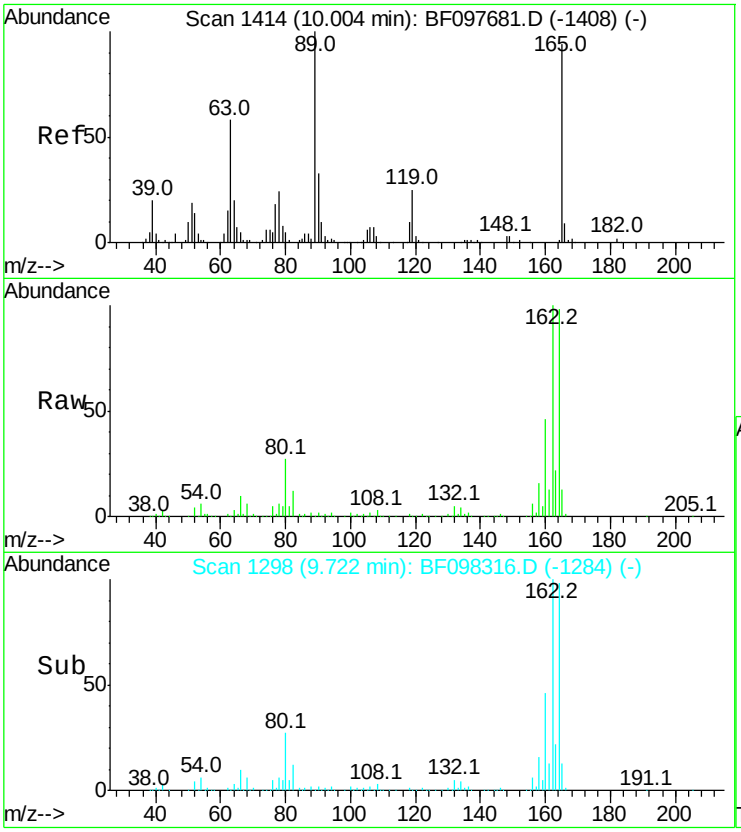


#49
Dimethylphthalate
Concen: 11.832 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:163 Resp: 164497

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.9	8.4	12.6



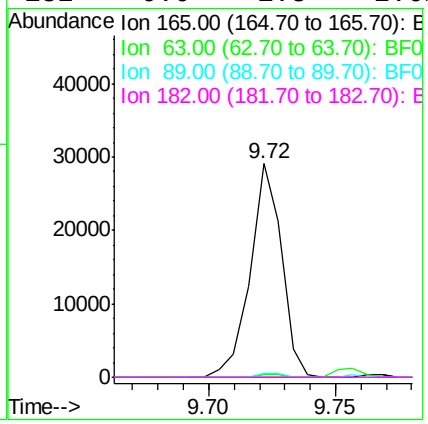


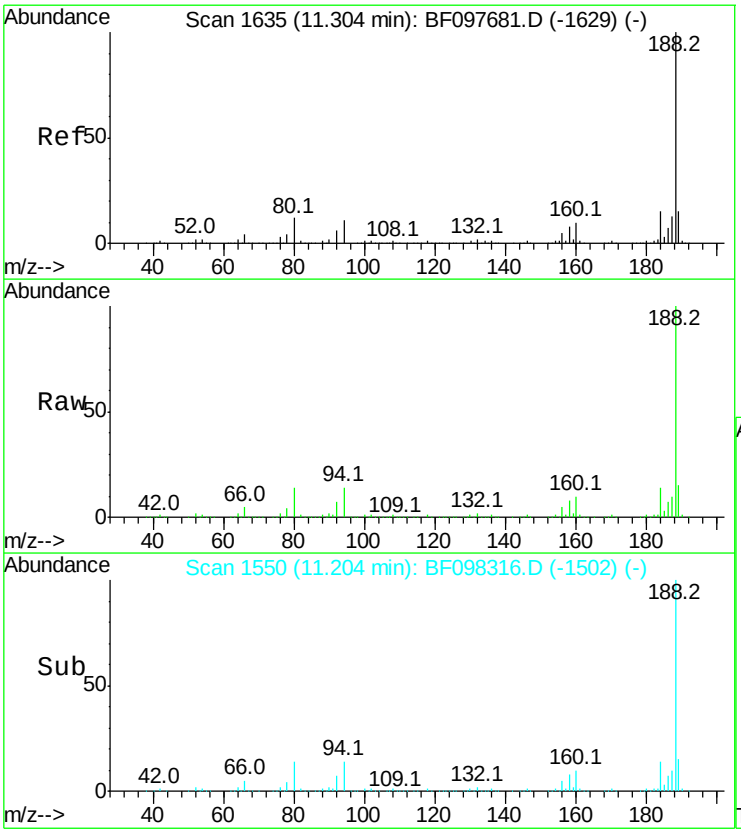
#56
2,4-Dinitrotoluene
Concen: 7.217 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.22 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:165 Resp: 25135

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

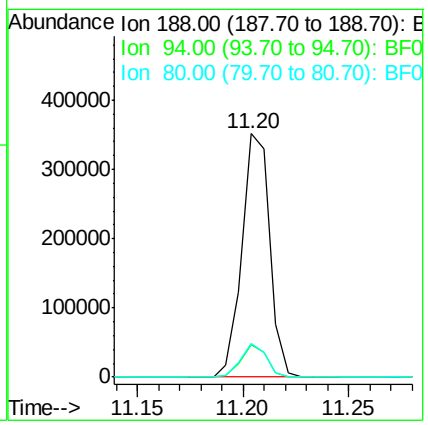


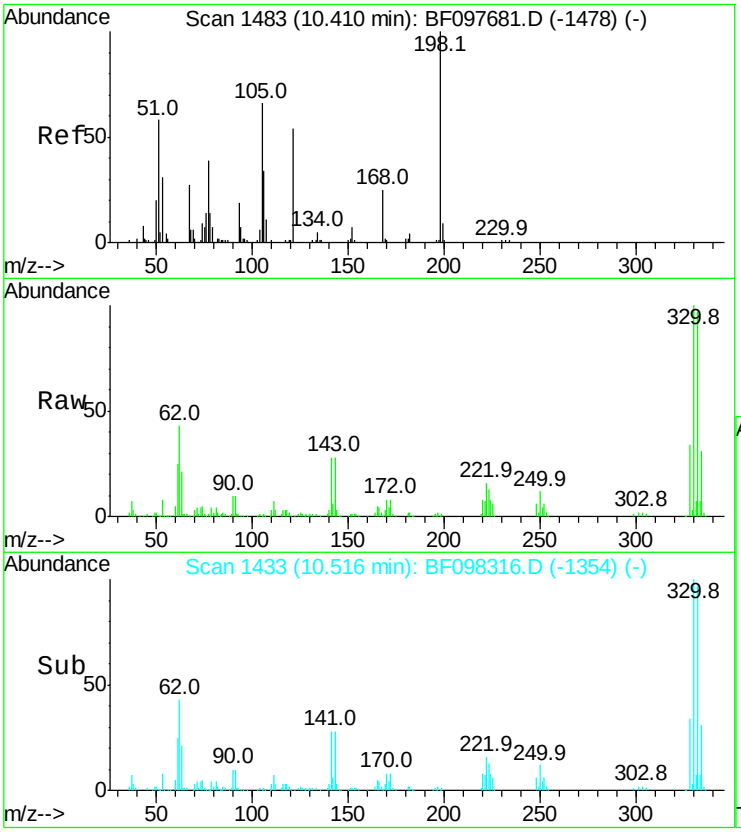


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:188 Resp: 320059

Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.4	14.2
80	14.0	10.2	15.2



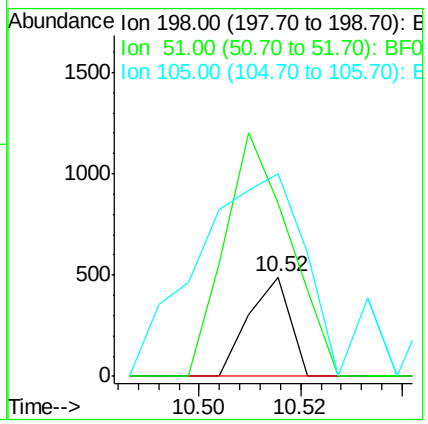


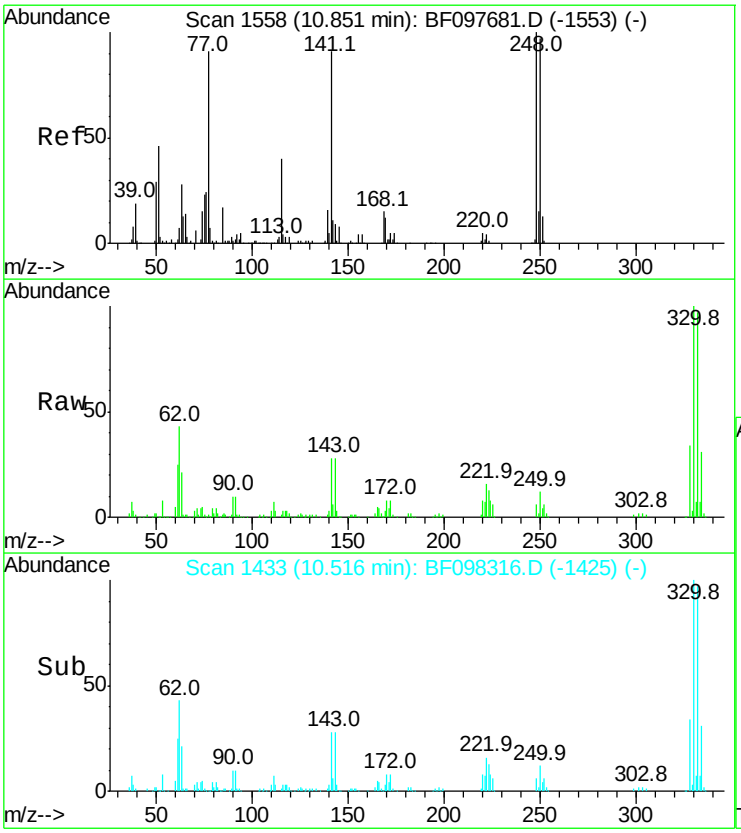
#64
4,6-Dinitro-2-methylphenol
Concen: 8.475 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.16 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:198 Resp: 281

Ion	Ratio	Lower	Upper
198	100		
51	174.1	53.2	93.2#
105	204.5	45.8	85.8#

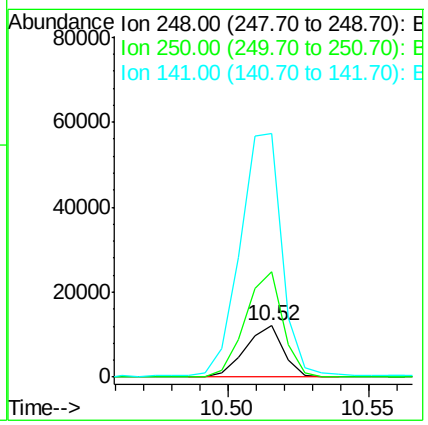


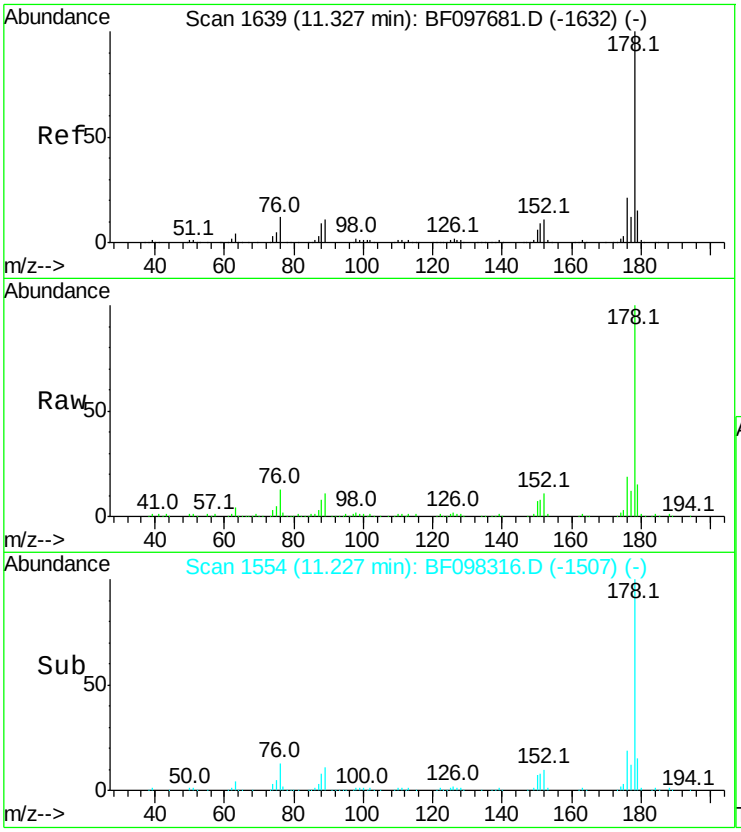


#66
4-Bromophenyl-phenylether
Concen: 3.358 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:248 Resp: 11162

Ion	Ratio	Lower	Upper
248	100		
250	206.9	76.8	115.2#
141	477.0	68.6	103.0#



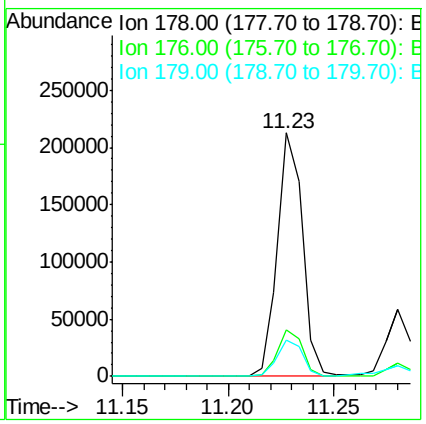


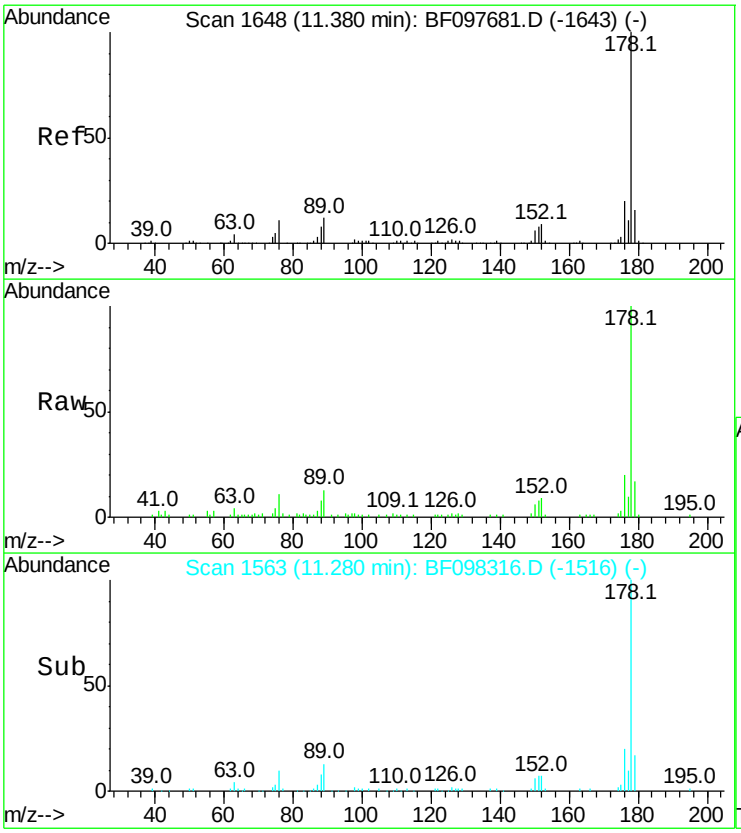
#70
Phenanthrene
Concen: 10.338 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:178 Resp: 176320

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.7	12.6	19.0

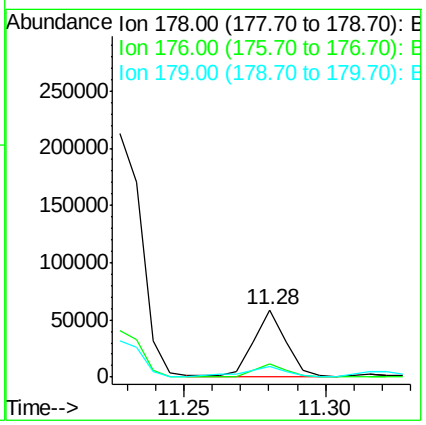


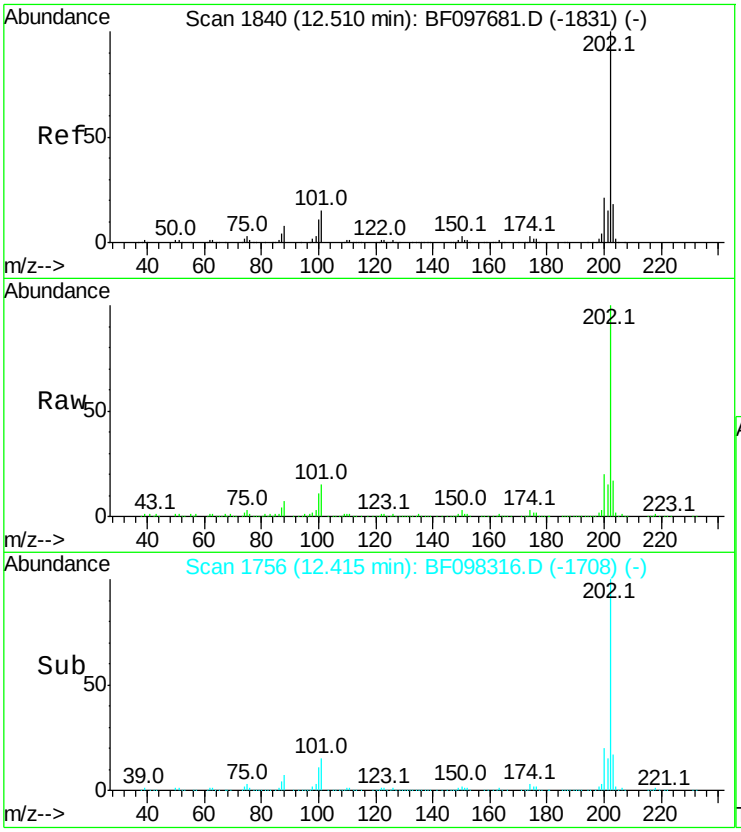


#71
Anthracene
Concen: 2.637 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:178 Resp: 45609

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.8	12.7	19.1



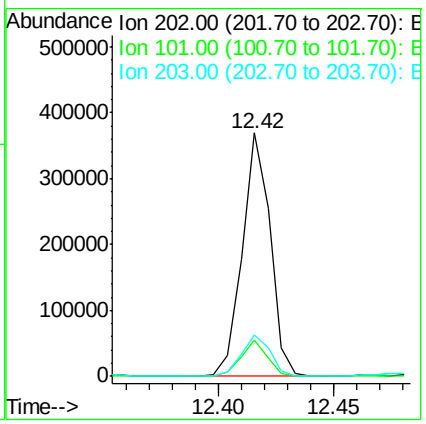


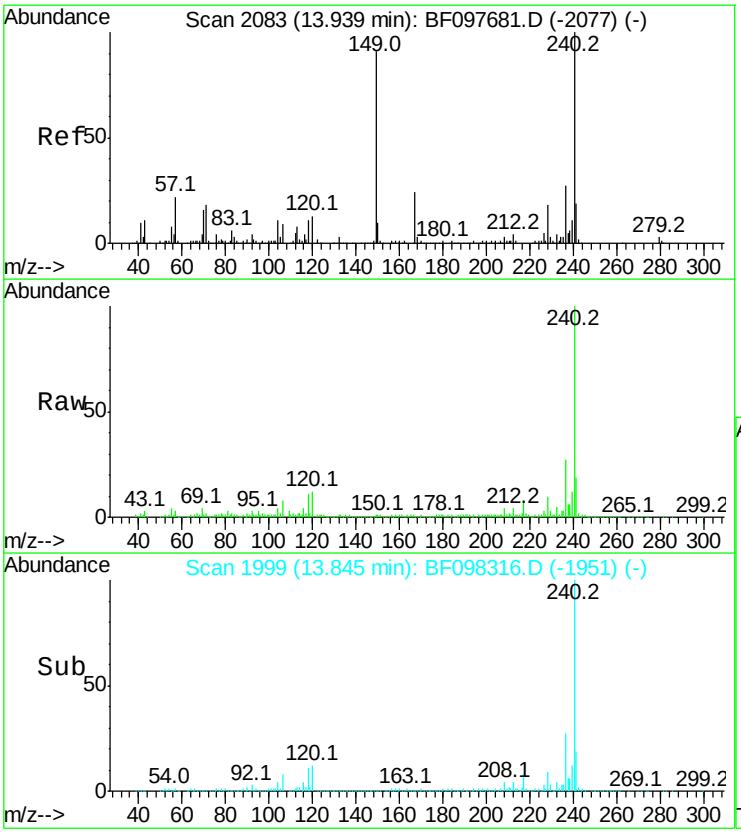
#74
Fluoranthene
Concen: 17.542 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:202 Resp: 312268

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.2	0.0	38.1

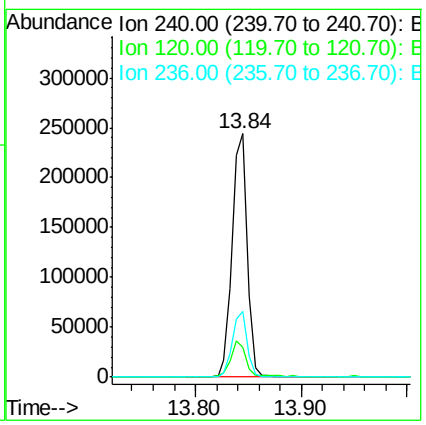


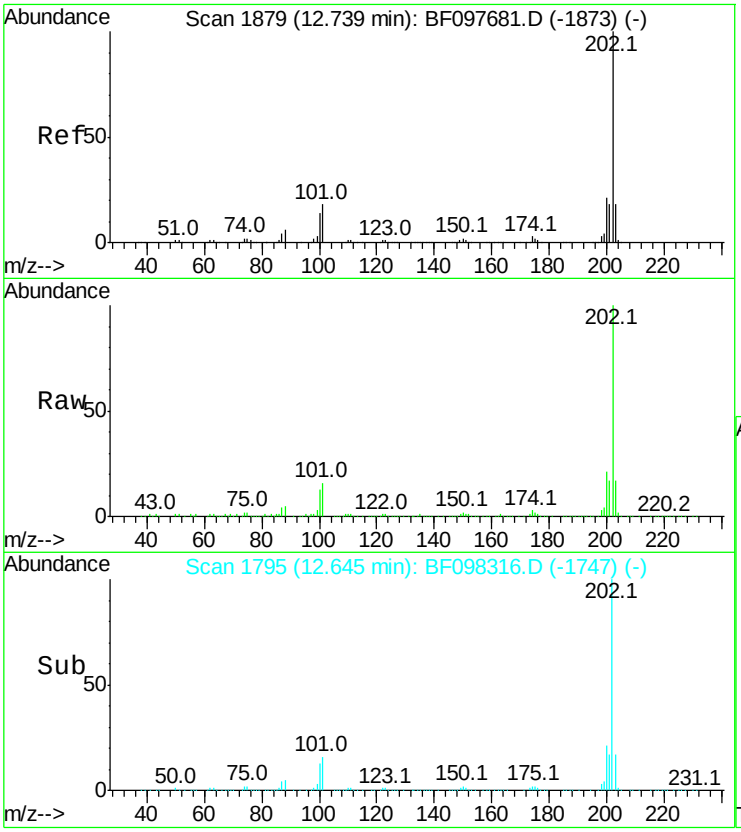


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:240 Resp: 236481

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	27.0	20.5	30.7



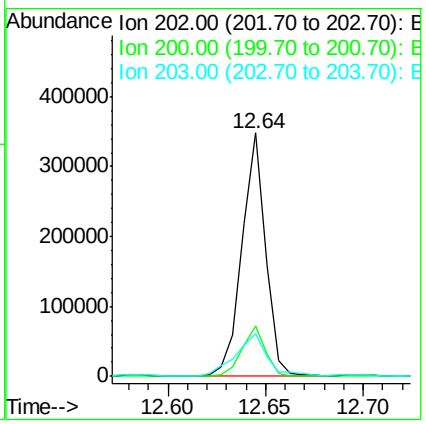


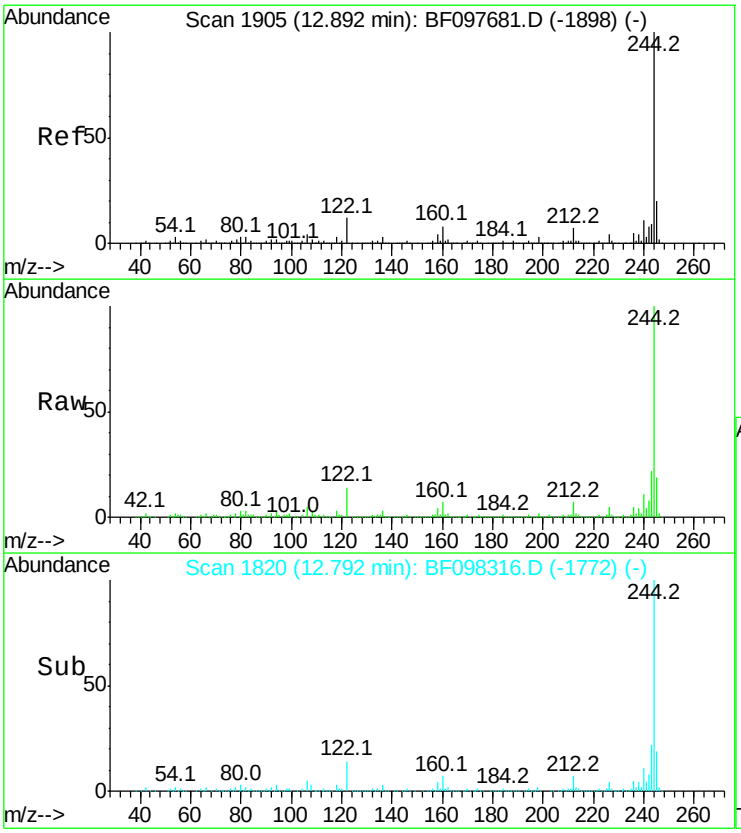
#77
Pyrene
Concen: 15.105 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:202 Resp: 292146

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.4	14.4	21.6

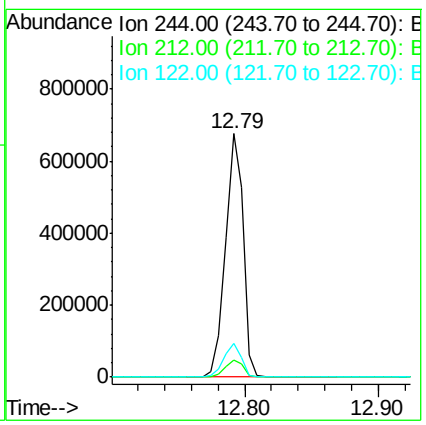


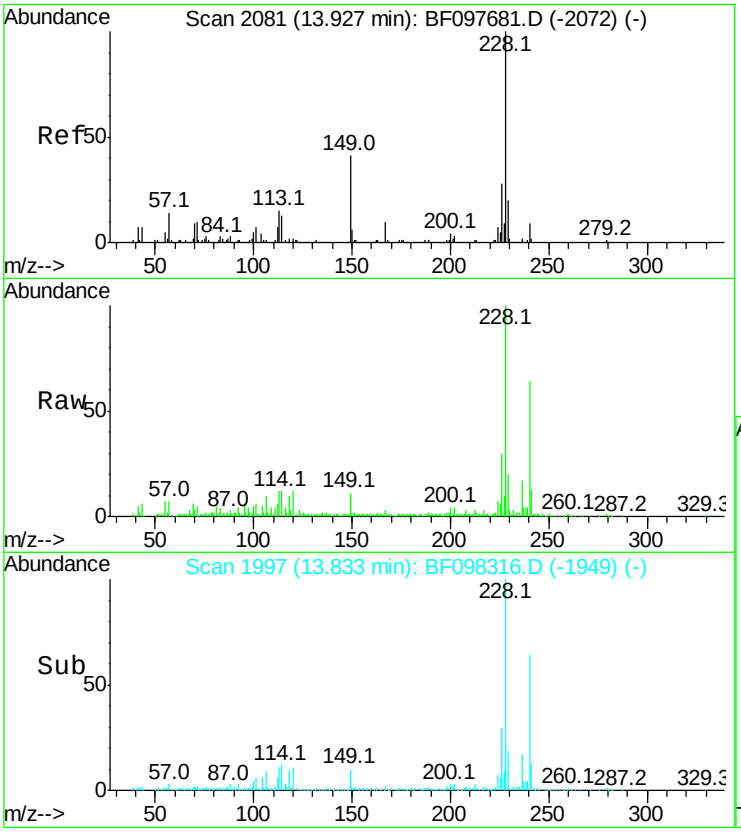


#78
Terphenyl-d14
Concen: 55.950 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:244 Resp: 634483

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.6	10.3	15.5



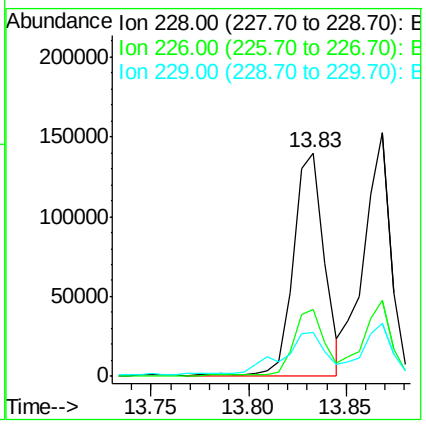


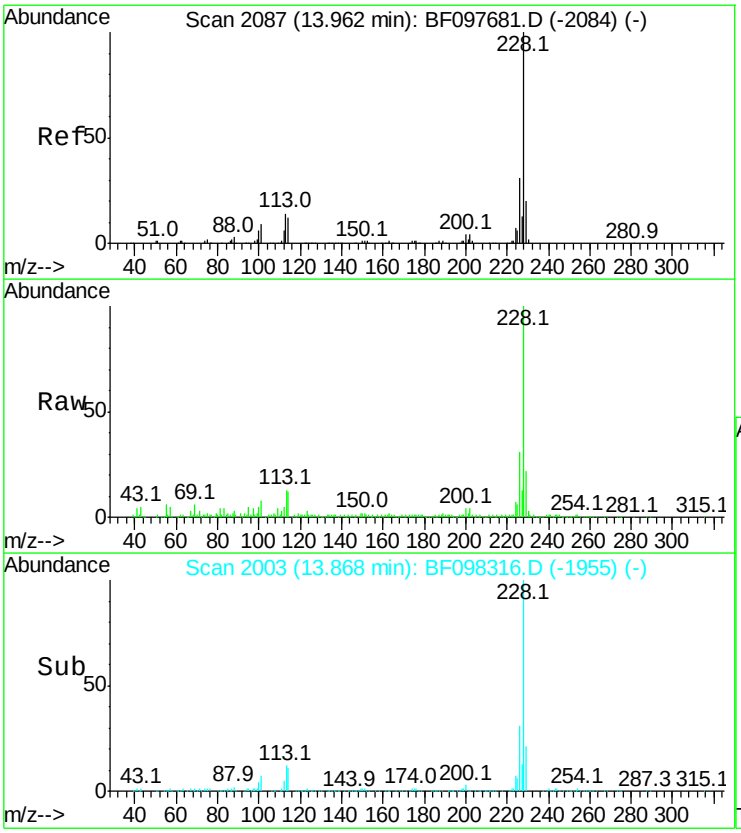
#80
Benzo(a)anthracene
Concen: 10.712 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:228 Resp: 151820

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	19.9	16.3	24.5

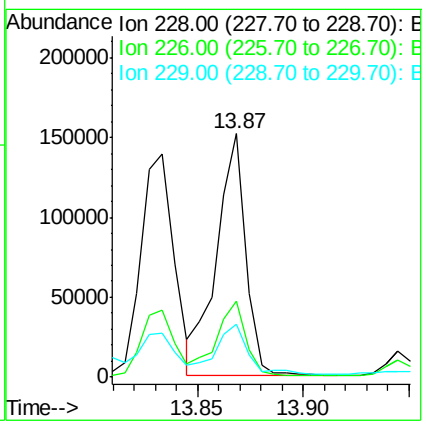


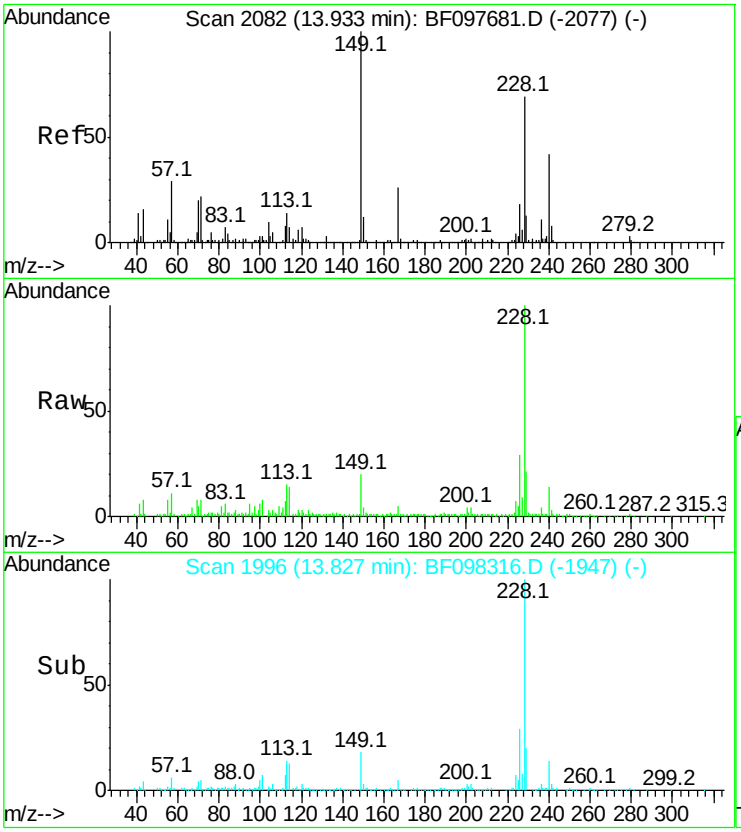


#82
Chrysene
Concen: 10.318 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:228 Resp: 145479

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.5	15.8	23.6



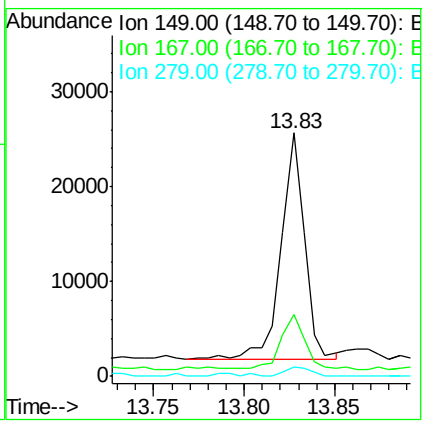


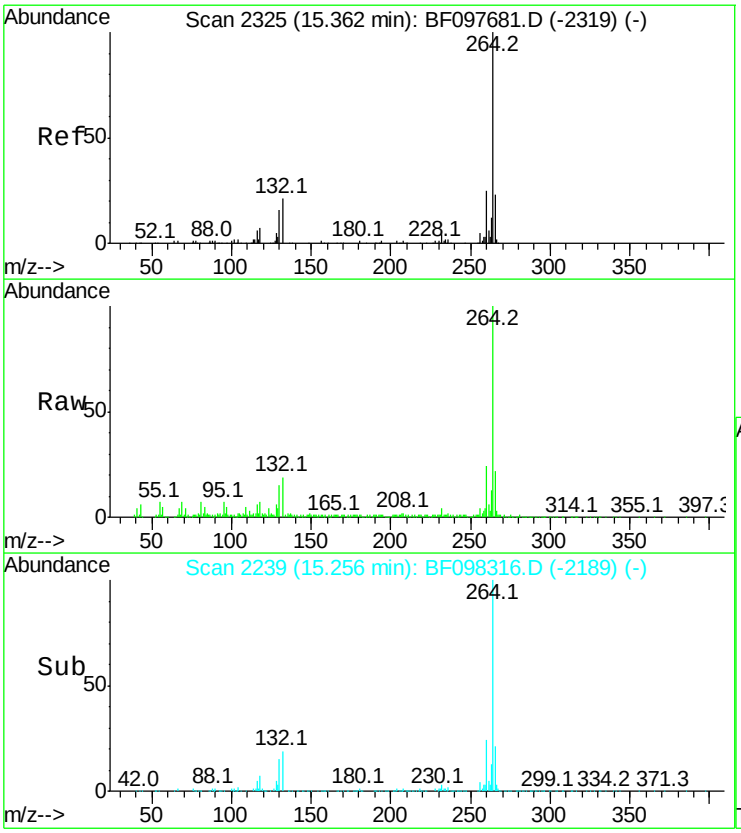
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.596 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:149 Resp: 21333

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.0	31.4
279	3.9	1.9	2.9#

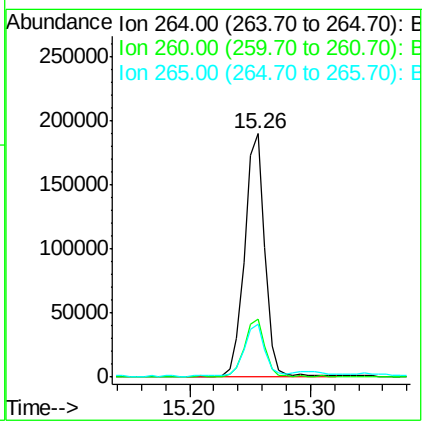


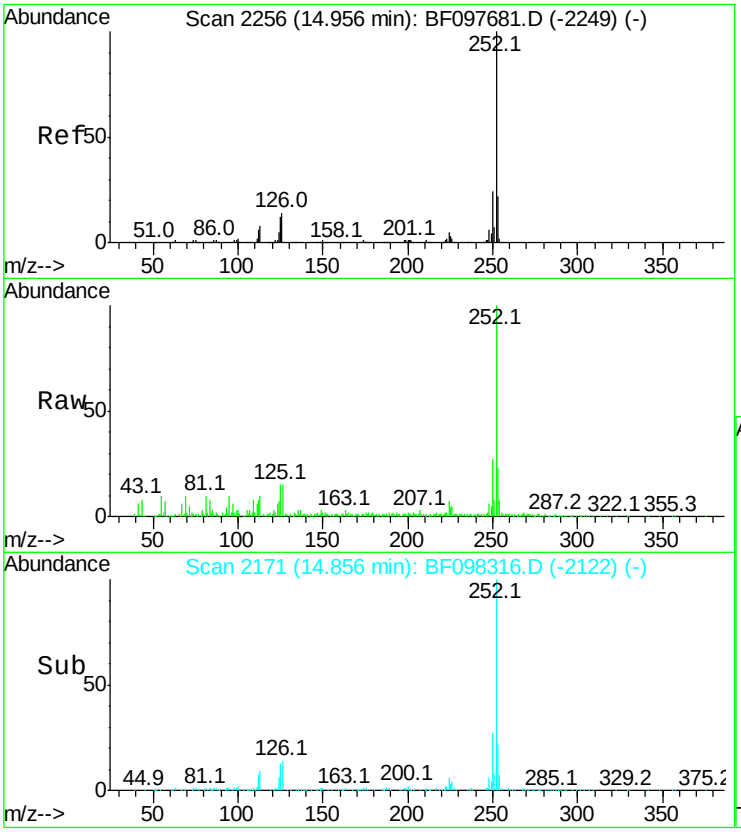


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:264 Resp: 221111

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8



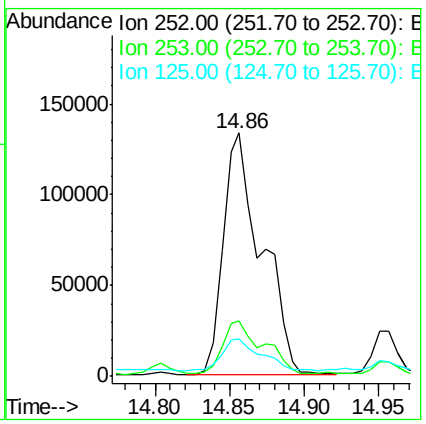


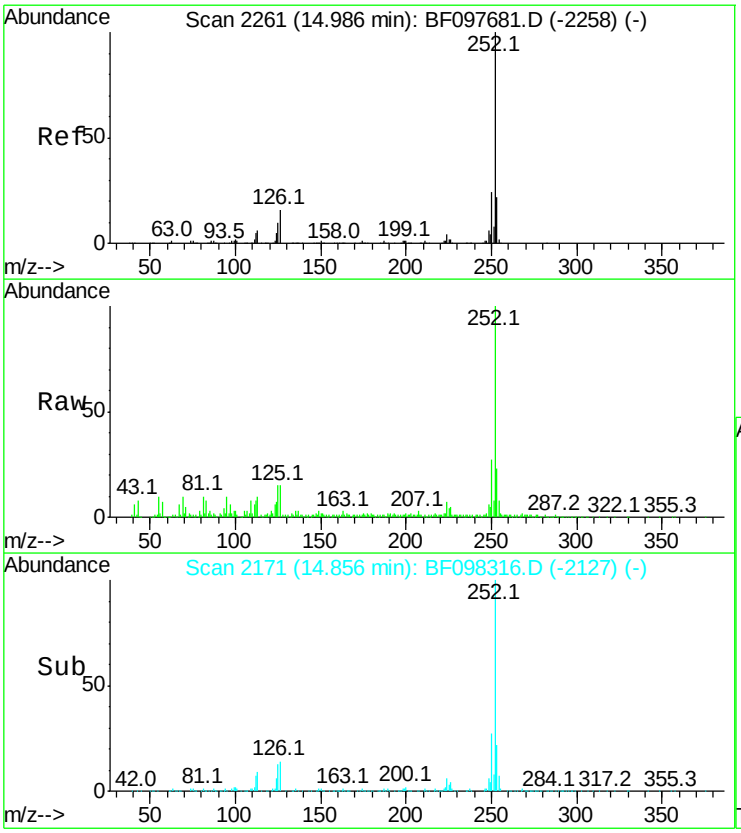
#87
Benzo(b)fluoranthene
Concen: 17.176 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:252 Resp: 239391

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.5	9.8	14.8#

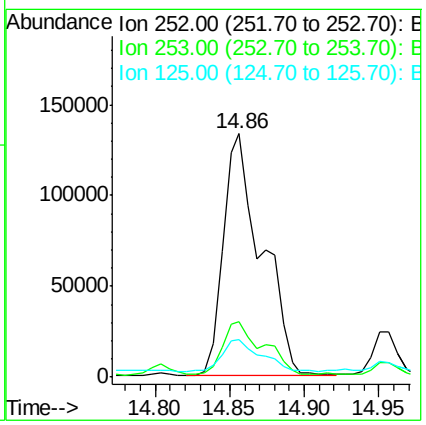


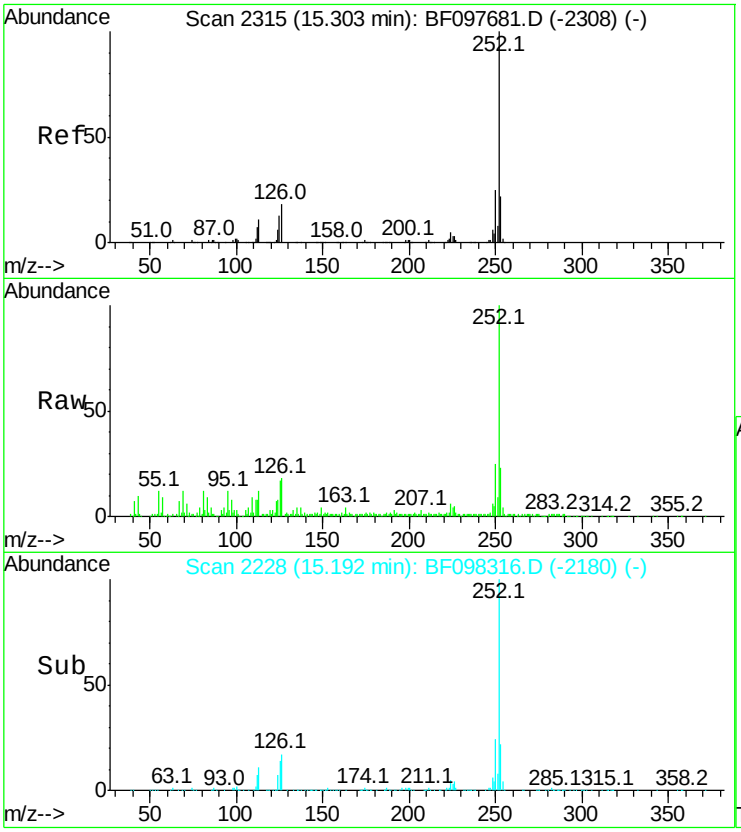


#88
Benzo(k)fluoranthene
Concen: 18.282 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:252 Resp: 239391

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.5	13.1	19.7



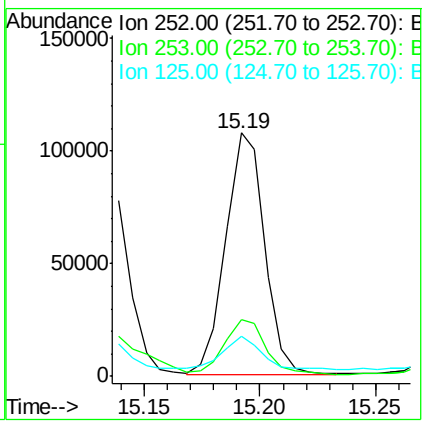


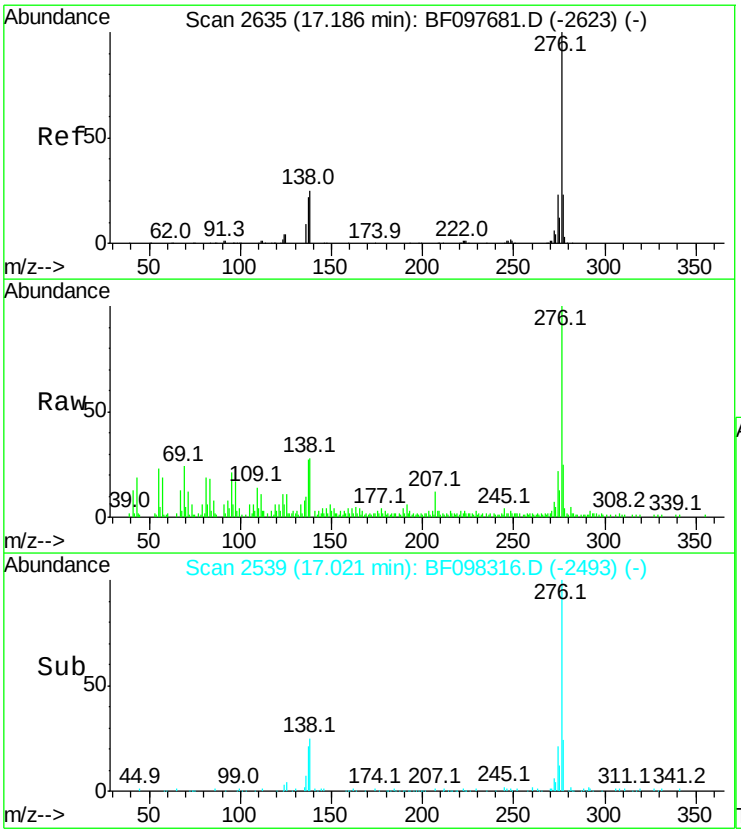
#89
Benzo(a)pyrene
Concen: 10.195 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Instrument :
BNA_F
ClientSampleId :
292

Tgt Ion:252 Resp: 125788

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	16.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.411 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF098316.D
Acq: 7 Sep 2017 16:25

Tgt Ion:276 Resp: 67190

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	28.3	25.4	38.0