Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098806.D
Acq On : 26 Sep 2017 2:17
Operator : SJ/JU
Sample : I5362-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 05:24:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	160919	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	672605	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	300744	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	476086	20.00	ng		0.00
75) Chrysene-d12	14.08	240	293497	20.00	ng		0.00
86) Perylene-d12	15.57	264	280476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1019996	100.90	ng		0.00
7) Phenol-d6	6.54	99	1260243	101.06	ng		0.00
23) Nitrobenzene-d5	7.47	82	777048	74.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	238551	96.94	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	1297225	72.01	ng		0.00
78) Terphenyl-d14	13.02	244	859974	66.64	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.69	77	22121	3.058	ng		83
10) Phenol	6.55	94	36015	2.582	ng		96
19) n-Nitroso-di-n-propylamine	7.47	70	103152	12.956	ng	#	75
25) Isophorone	7.47	82	775739	35.774	ng	#	64
49) Dimethylphthalate	9.66	163	215524	9.495	ng		98
56) 2,4-Dinitrotoluene	9.95	165	40058	6.246	ng	#	24
66) 4-Bromophenyl-phenylether	10.74	248	16269	3.491	ng	#	1
70) Phenanthrene	11.46	178	161550	6.339	ng		97
71) Anthracene	11.51	178	61893	2.374	ng		99
74) Fluoranthene	12.65	202	301218	11.673	ng		99
77) Pyrene	12.88	202	298504	13.338	ng		99
80) Benzo(a)anthracene	14.07	228	135963	7.650	ng		92
82) Chrysene	14.10	228	139009	8.216	ng		97
85) Indeno(1,2,3-cd)pyrene	17.07	276	68461	5.058	ng		100
87) Benzo(b)fluoranthene	15.13	252	238805	13.848	ng	#	91
88) Benzo(k)fluoranthene	15.13	252	238805	14.020	ng	#	94
89) Benzo(a)pyrene	15.50	252	131706	8.320	ng	#	94
91) Benzo(g,h,i)perylene	17.53	276	66176	5.285	ng		90

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

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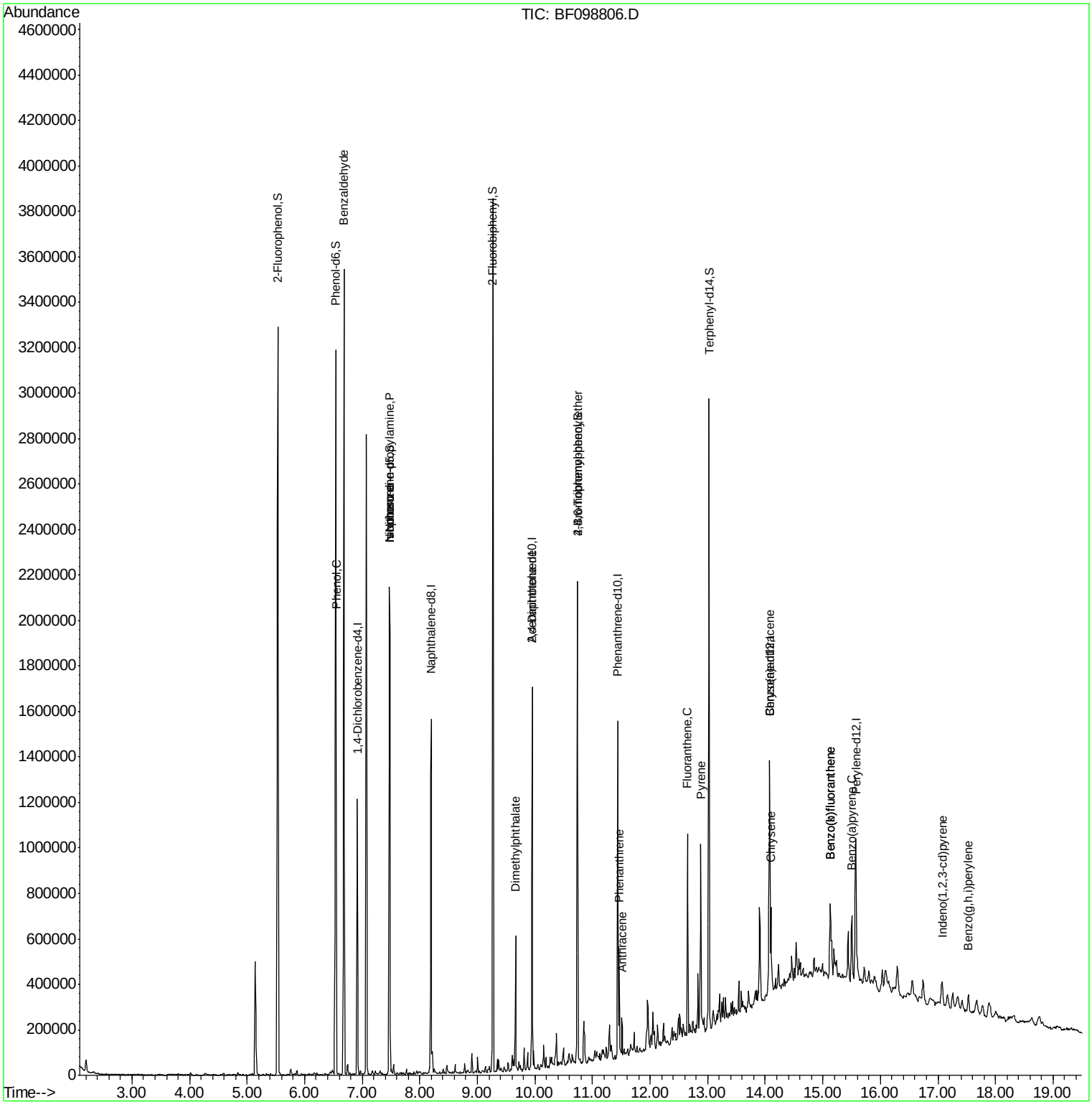
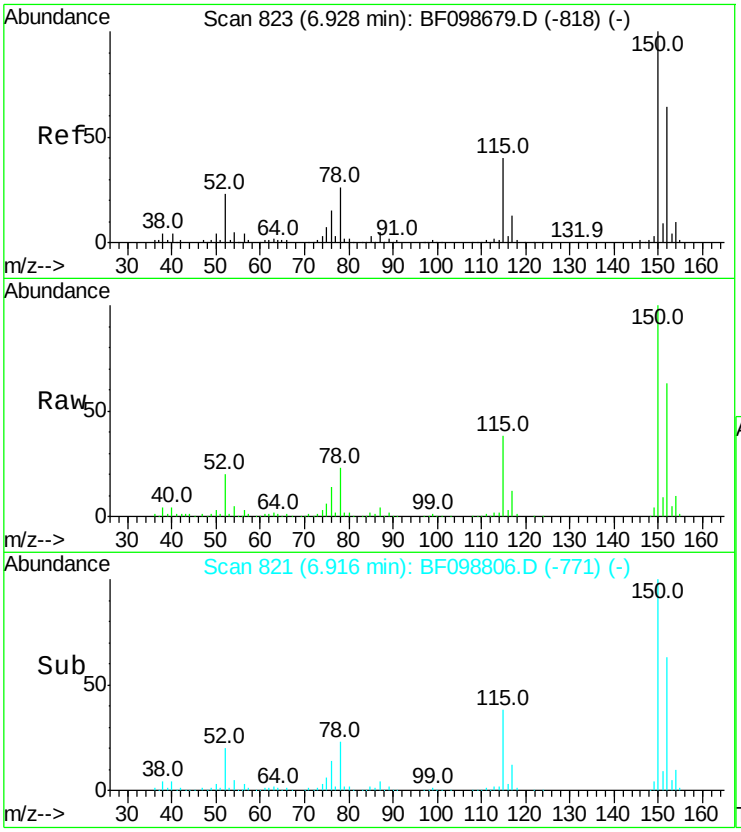


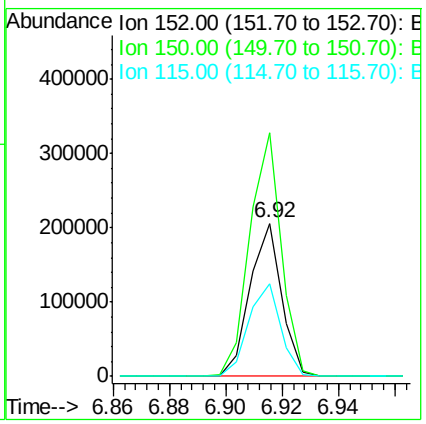


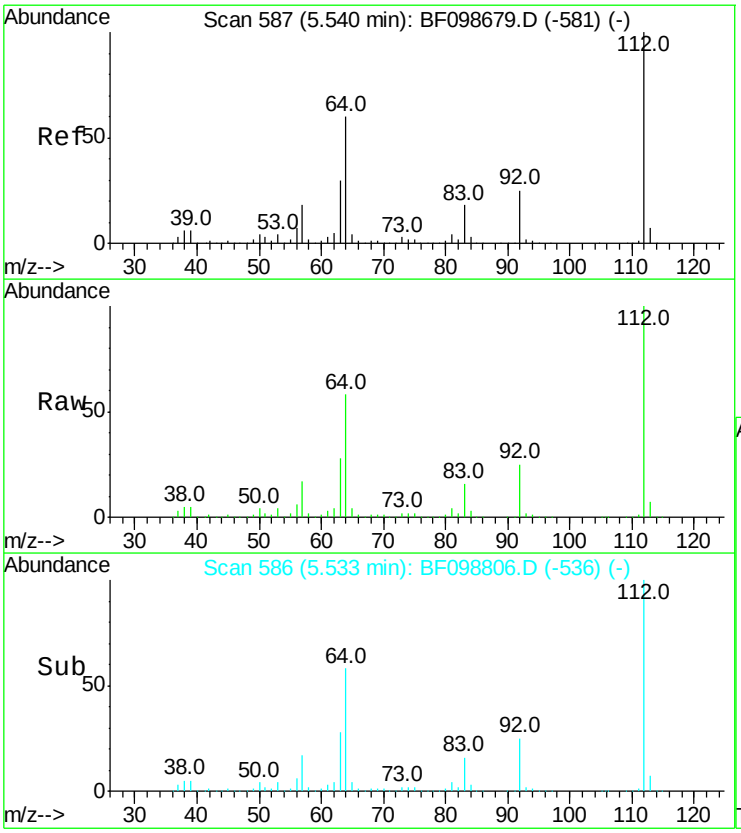
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 160919

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	60.2	50.1	75.1

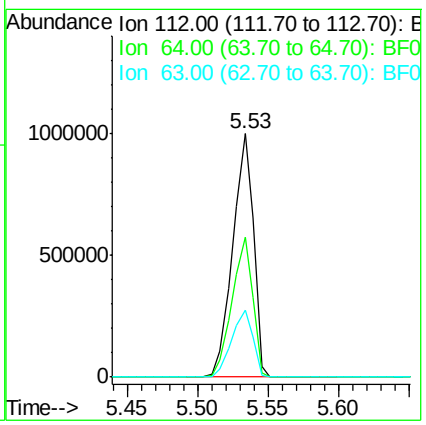


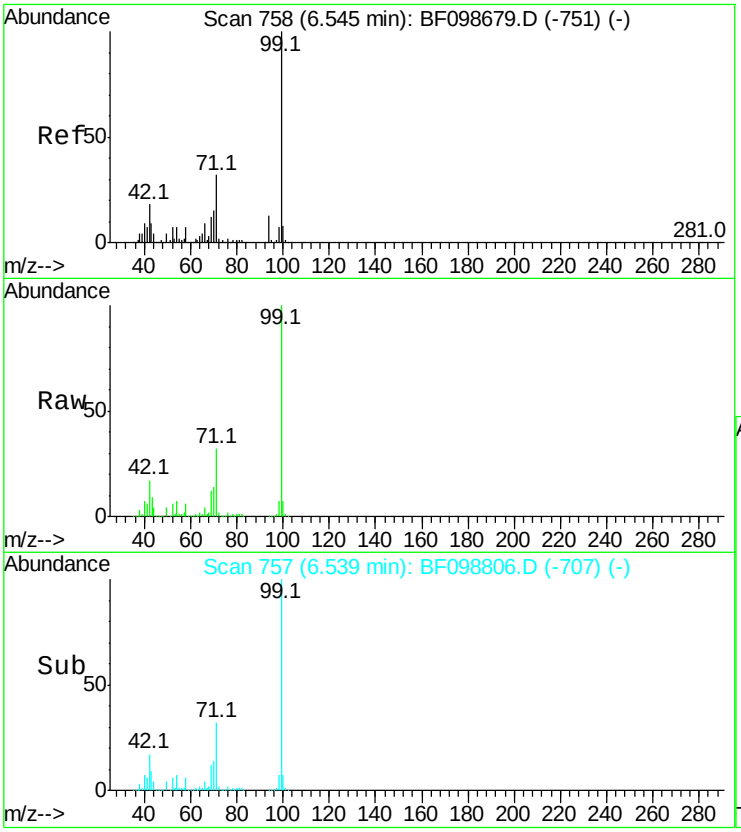


#5
2-Fluorophenol
Concen: 100.904 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:112 Resp: 1019996

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	27.7	23.7	35.5



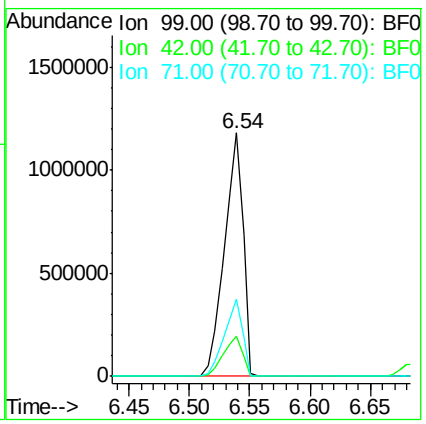


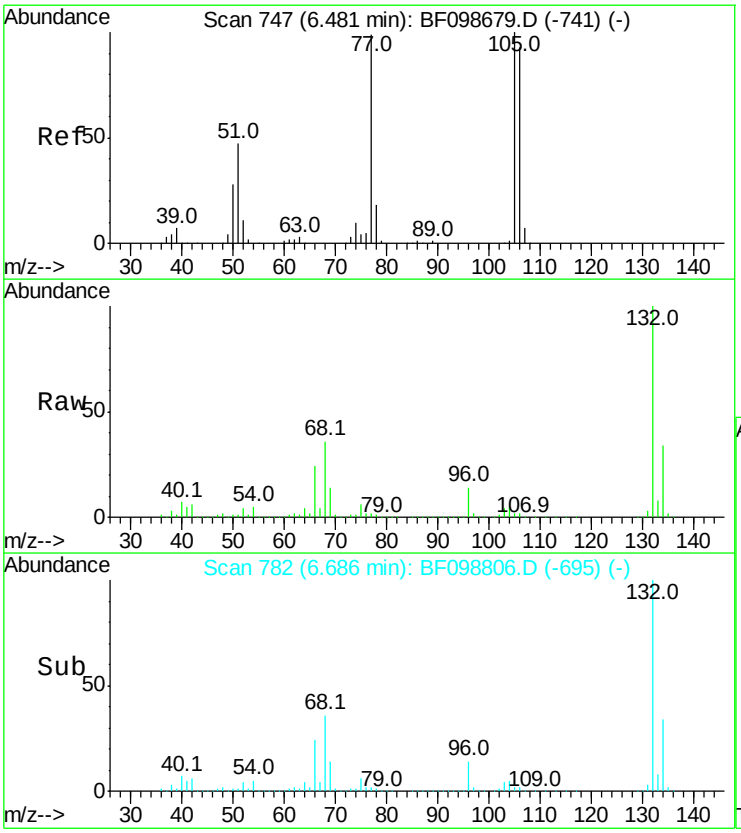
#7
Phenol-d6
Concen: 101.061 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1260243

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	31.7	25.4	38.0

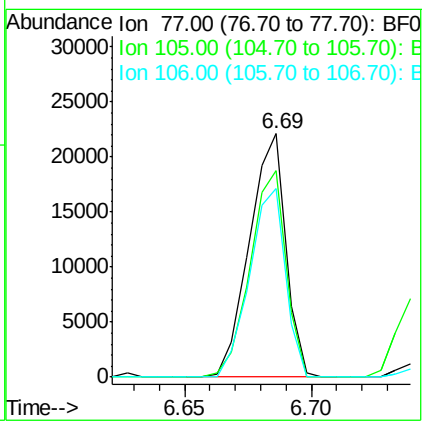


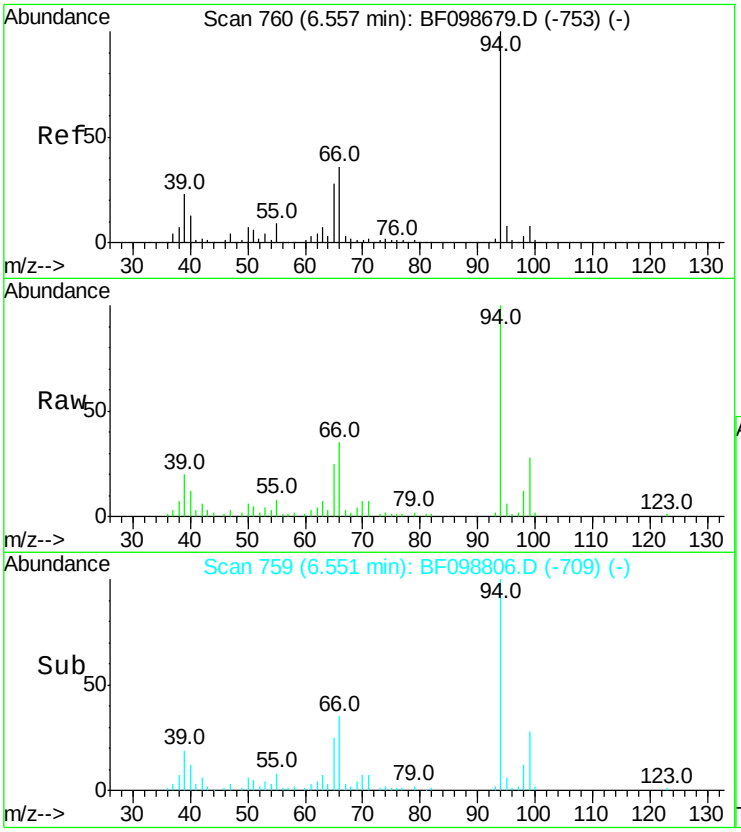


#9
Benzaldehyde
Concen: 3.058 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.21 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion: 77 Resp: 22121

Ion	Ratio	Lower	Upper
77	100		
105	84.6	81.1	121.1
106	77.4	74.5	114.5



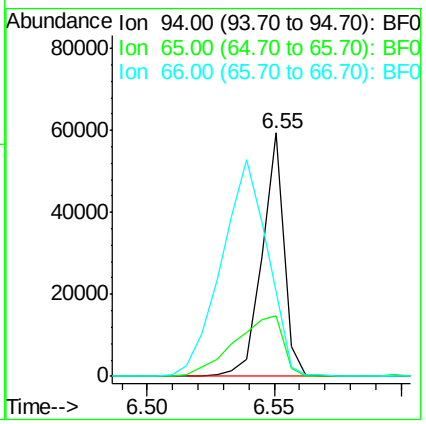


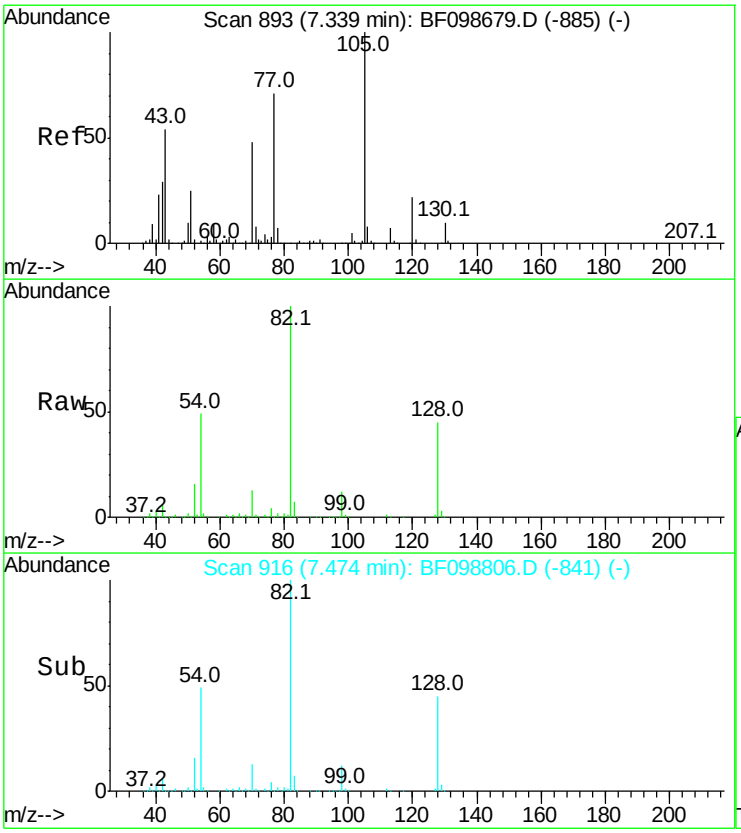
#10
Phenol
Concen: 2.582 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 36015

Ion	Ratio	Lower	Upper
94	100		
65	24.7	7.9	47.9
66	34.8	16.2	56.2

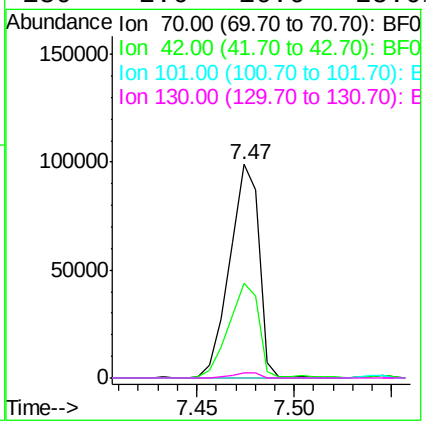


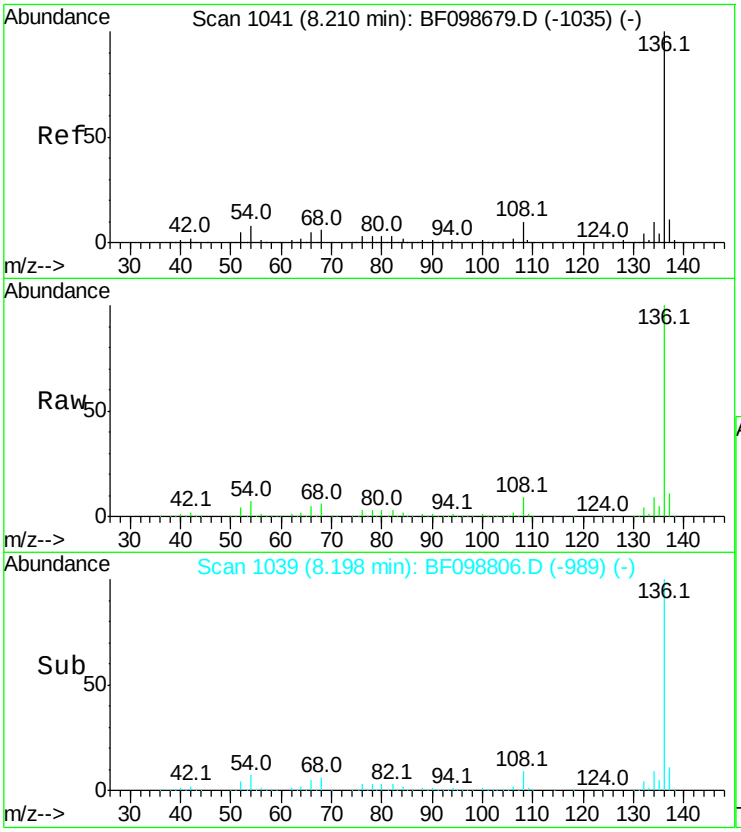


#19
n-Nitroso-di-n-propylamine
Concen: 12.956 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion: 70 Resp: 103152

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



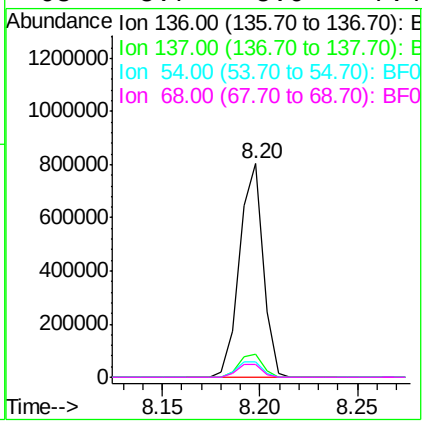


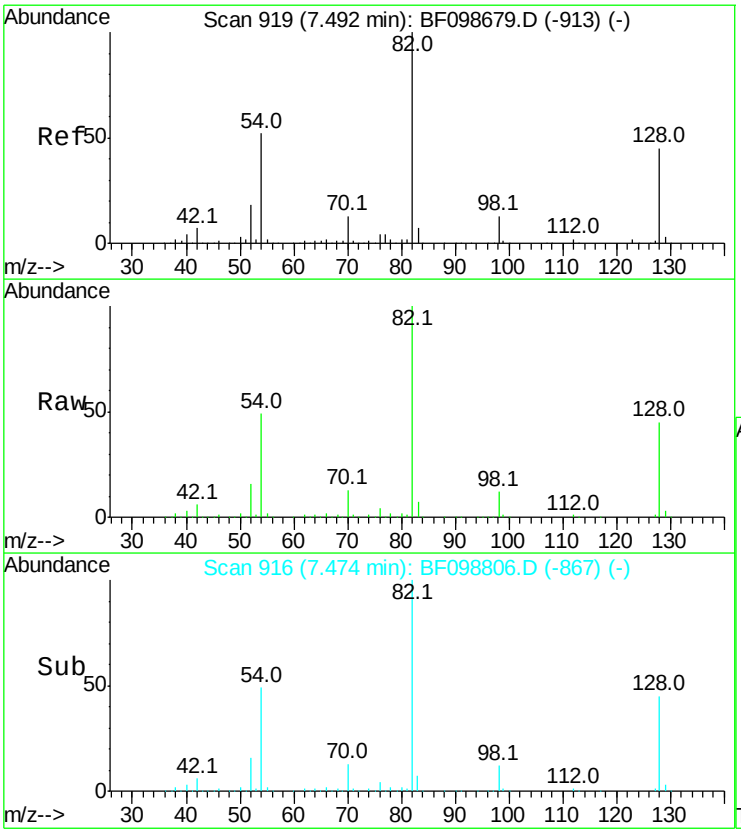
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 672605

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

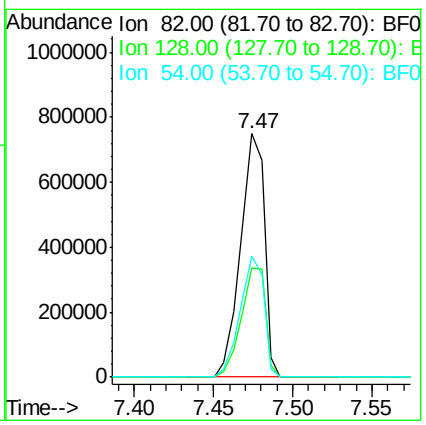


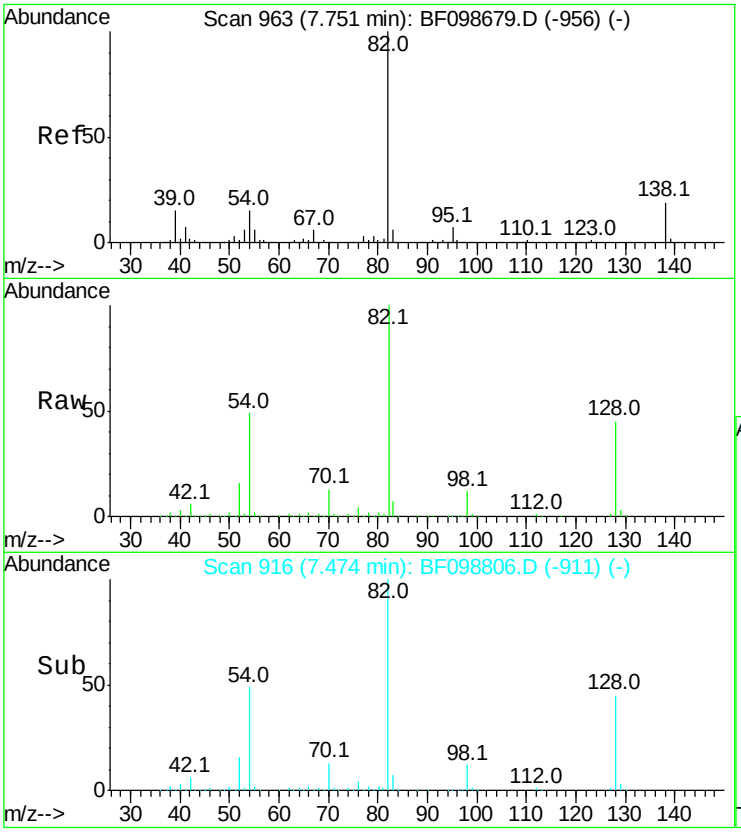


#23
Nitrobenzene-d5
Concen: 74.088 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion: 82 Resp: 777048

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	49.5	41.4	62.2



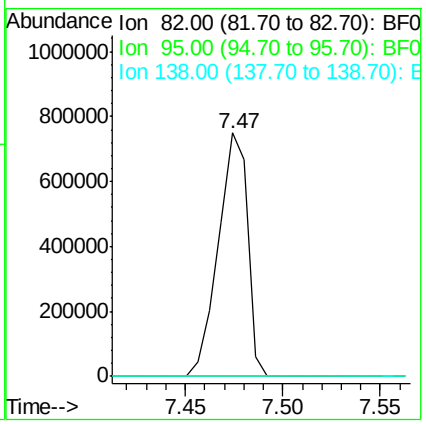


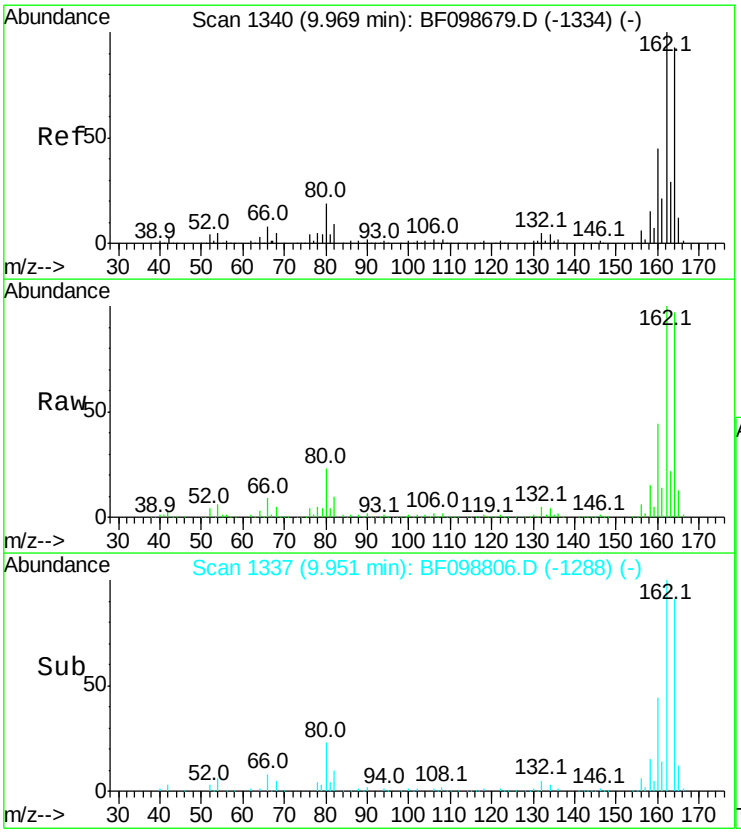
#25
Isophorone
Concen: 35.774 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 775739

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

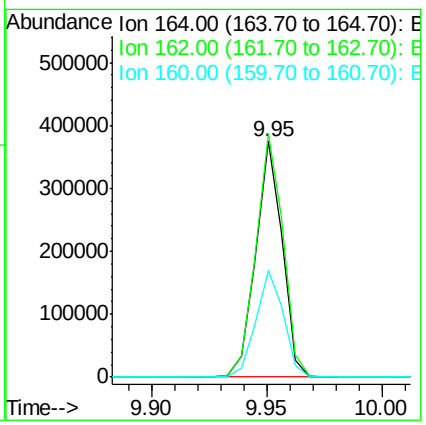


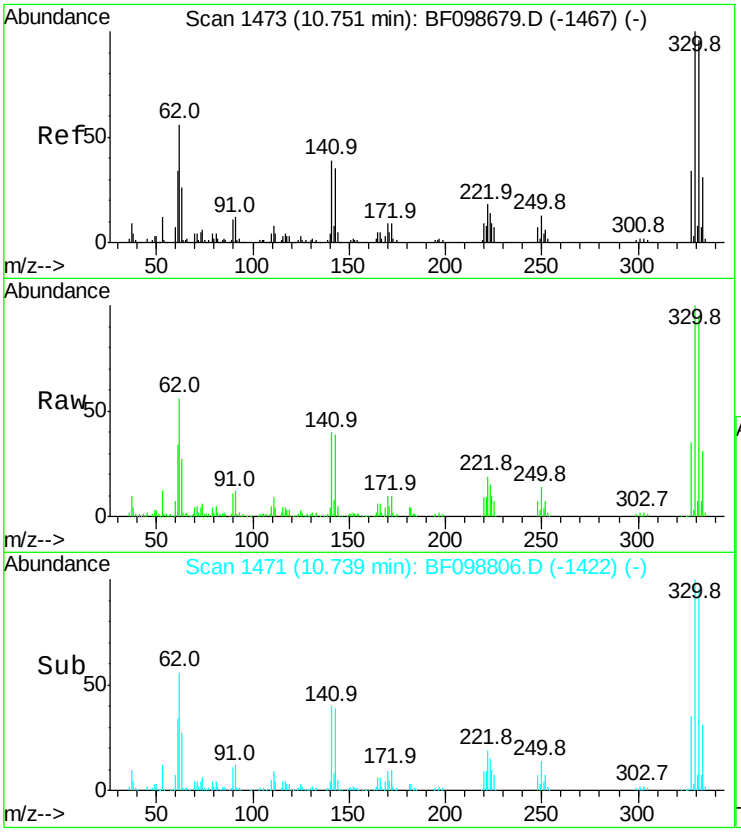


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:164 Resp: 300744

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.1	38.3	57.5



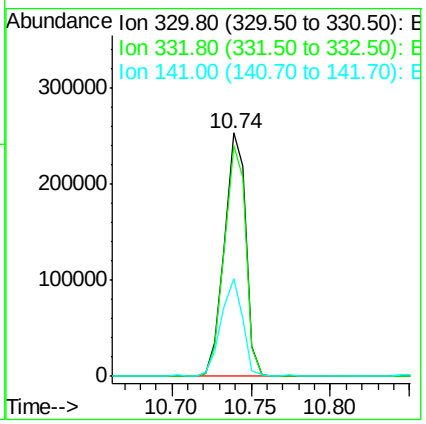


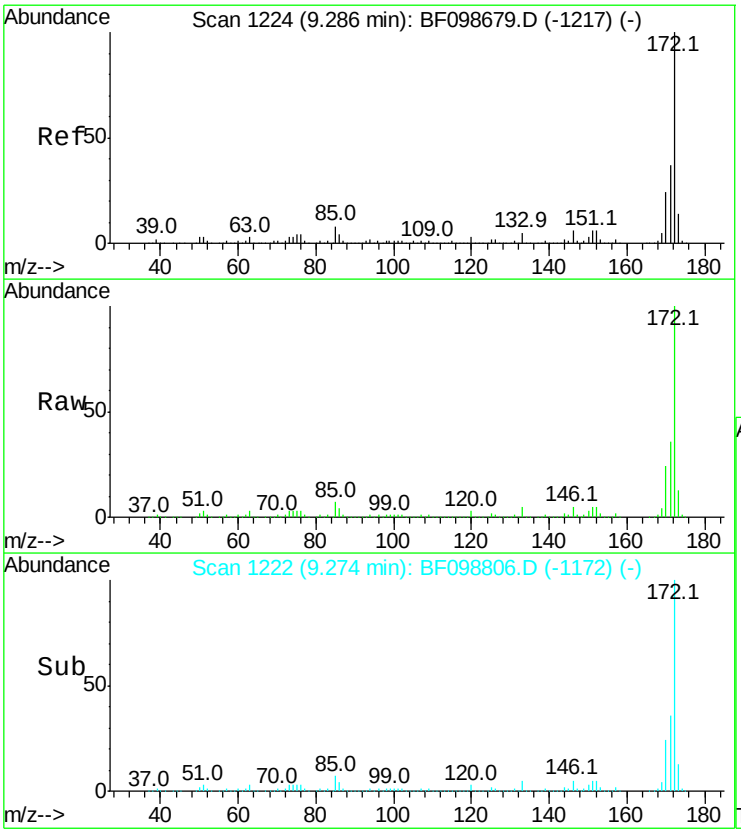
#41
2,4,6-Tribromophenol
Concen: 96.936 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 238551

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	40.3	29.9	44.9

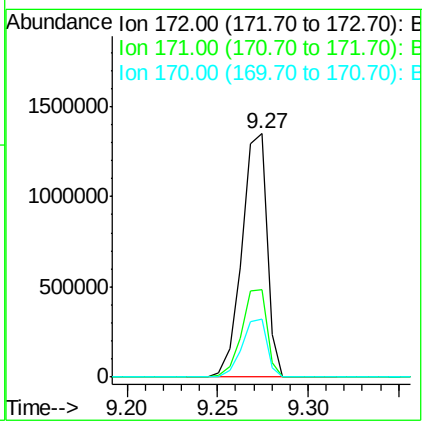


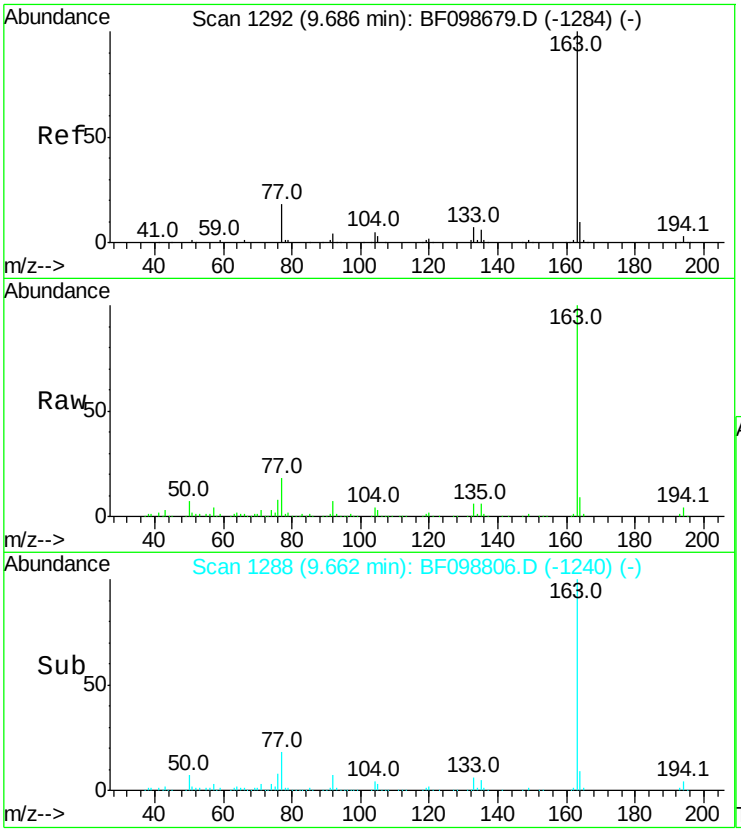


#44
2-Fluorobiphenyl
Concen: 72.008 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:172 Resp: 1297225

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4



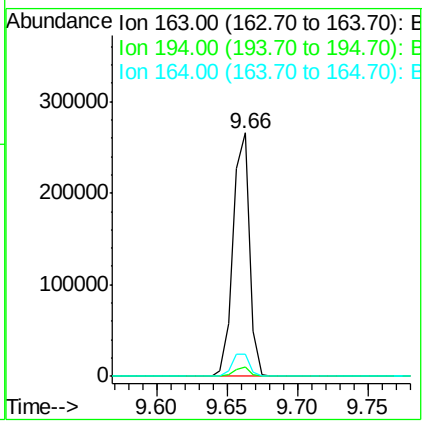


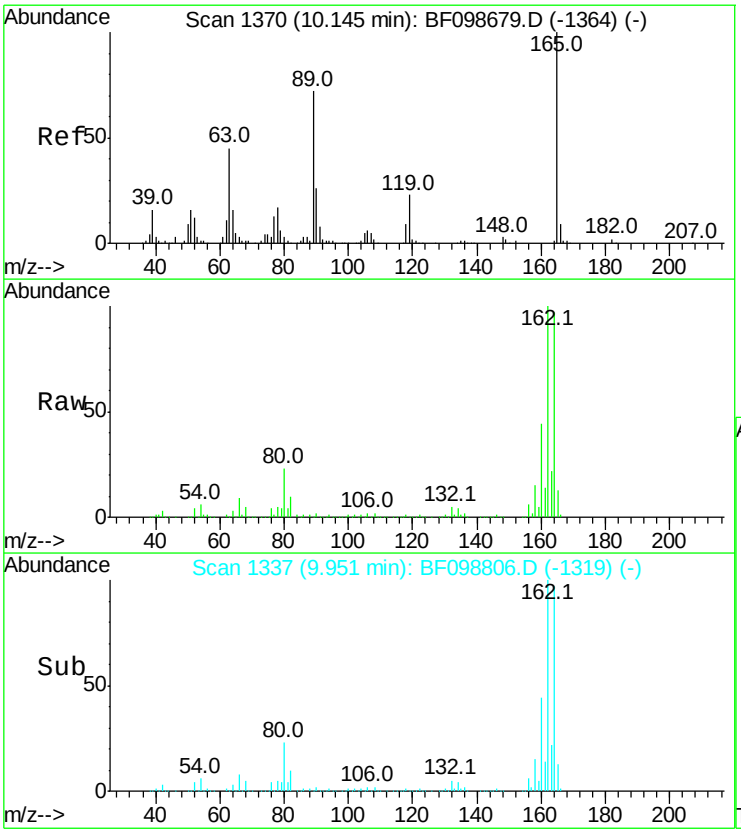
#49
Dimethylphthalate
Concen: 9.495 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 215524

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.3	8.2	12.2

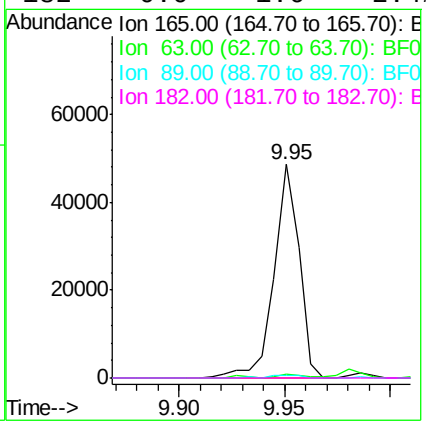


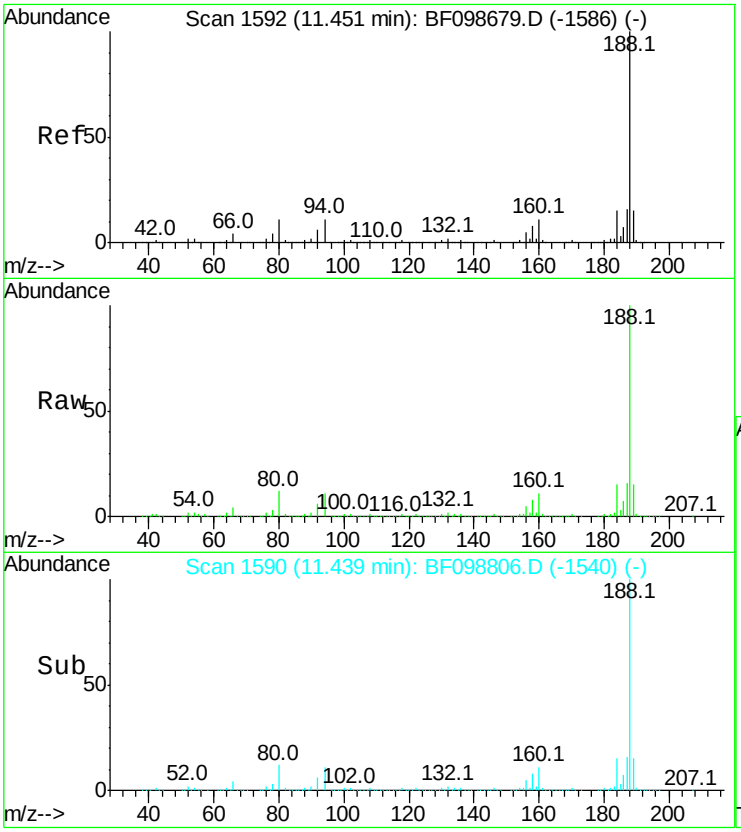


#56
2,4-Dinitrotoluene
Concen: 6.246 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:165 Resp: 40058

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



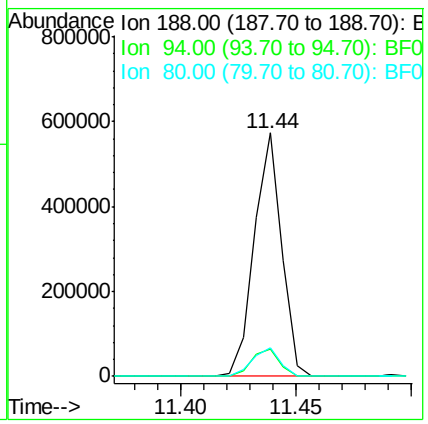


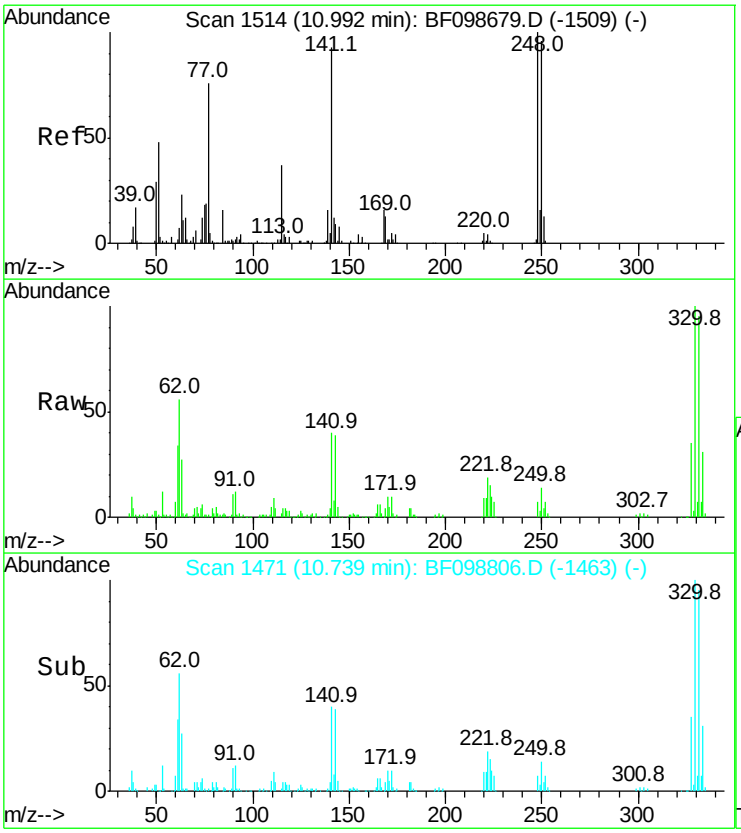
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 476086

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

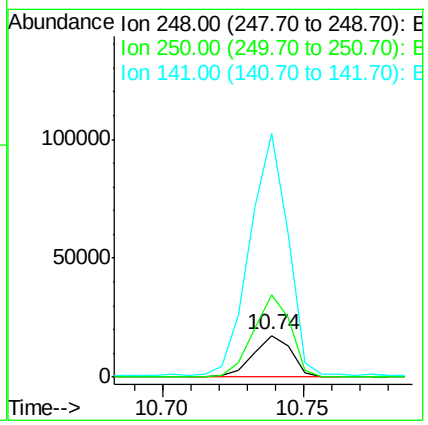


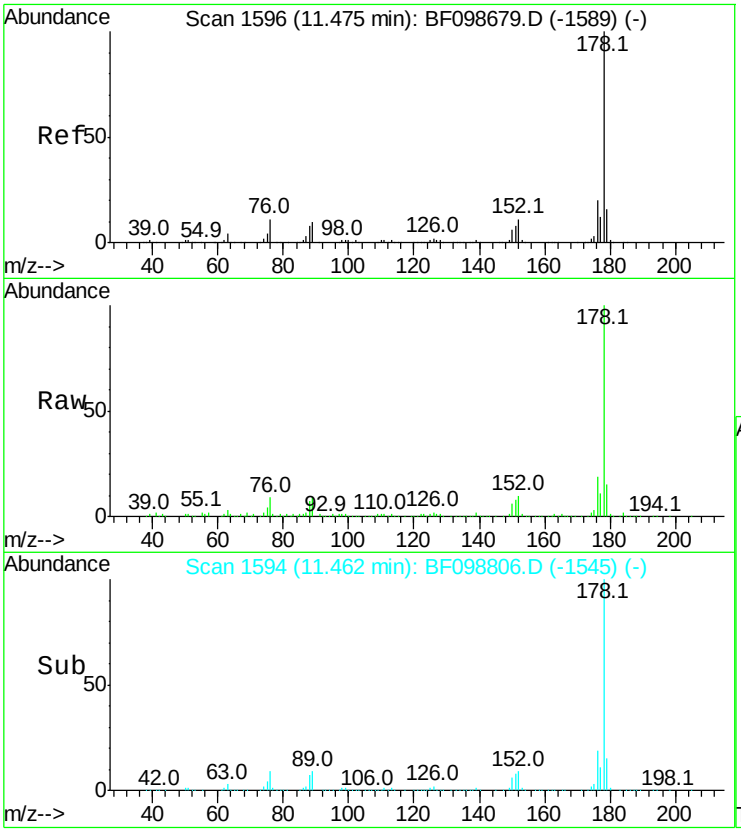


#66
4-Bromophenyl-phenylether
Concen: 3.491 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:248 Resp: 16269

Ion	Ratio	Lower	Upper
248	100		
250	198.3	76.9	115.3#
141	584.3	74.4	111.6#



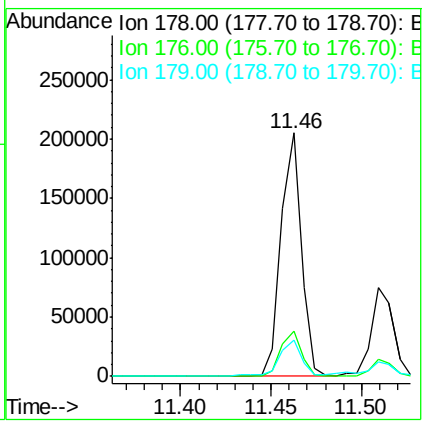


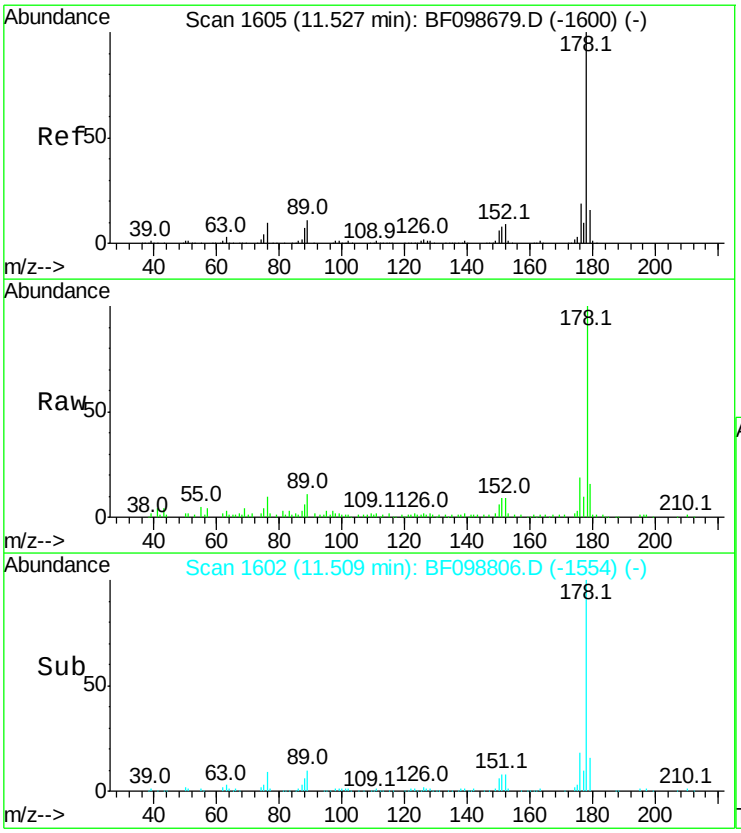
#70
Phenanthrene
Concen: 6.339 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 161550

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	13.0	19.6

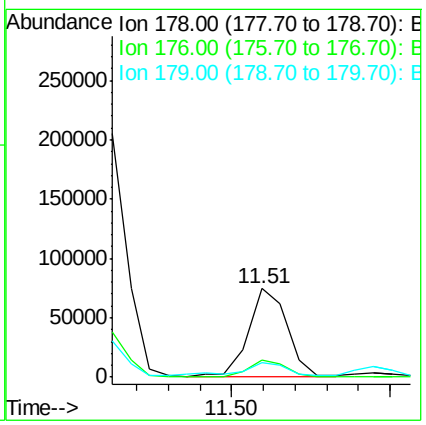


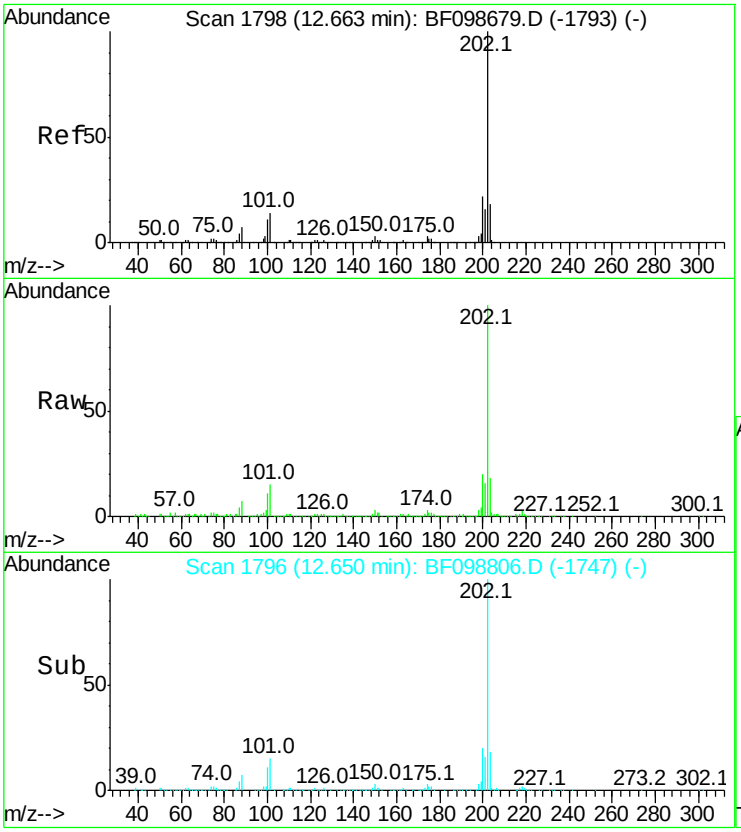


#71
Anthracene
Concen: 2.374 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:178 Resp: 61893

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.2	12.6	19.0



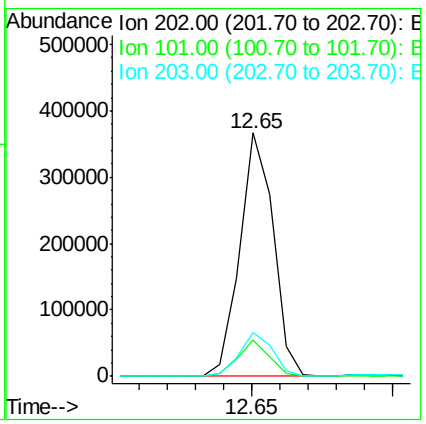


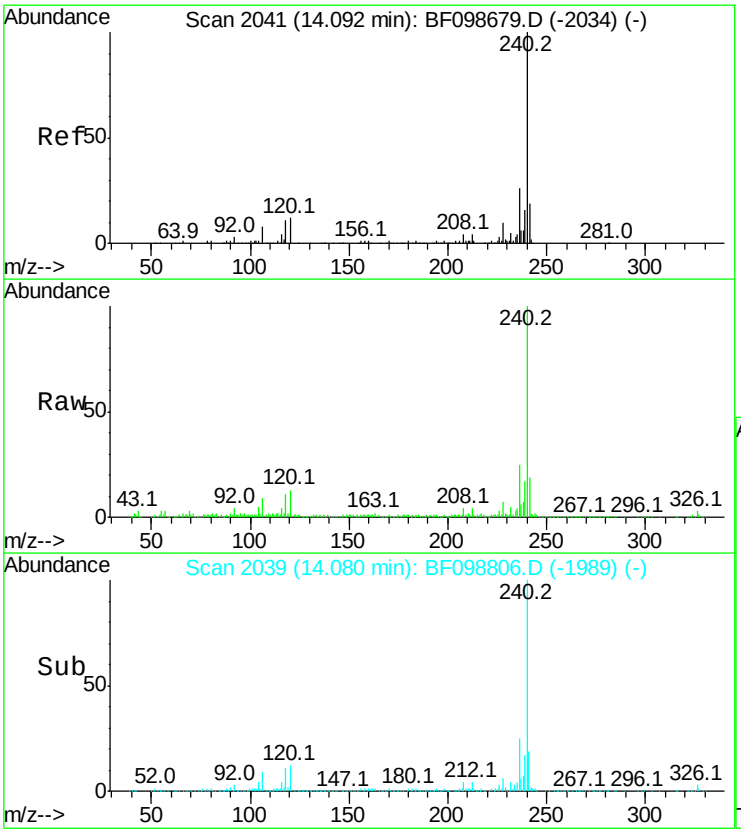
#74
Fluoranthene
Concen: 11.673 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 301218

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	18.0	0.0	38.1

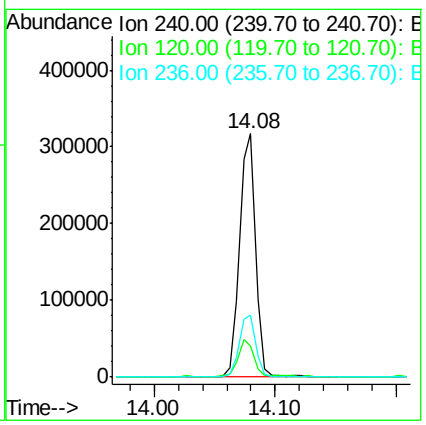


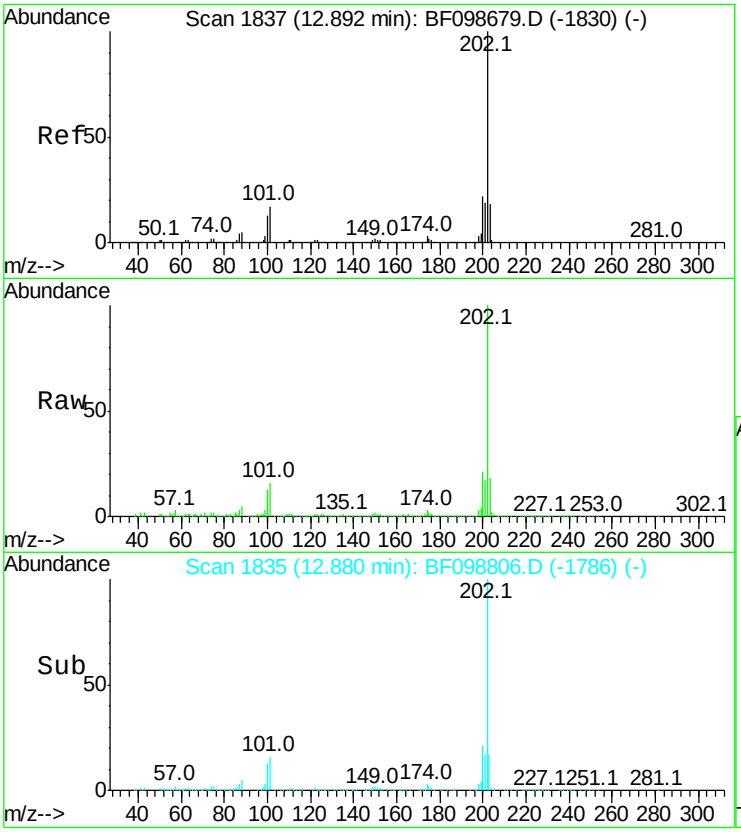


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:240 Resp: 293497

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.5	20.7	31.1



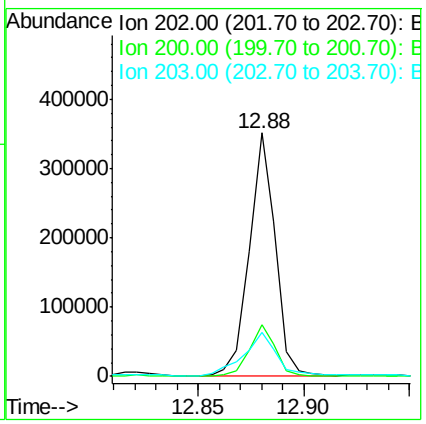


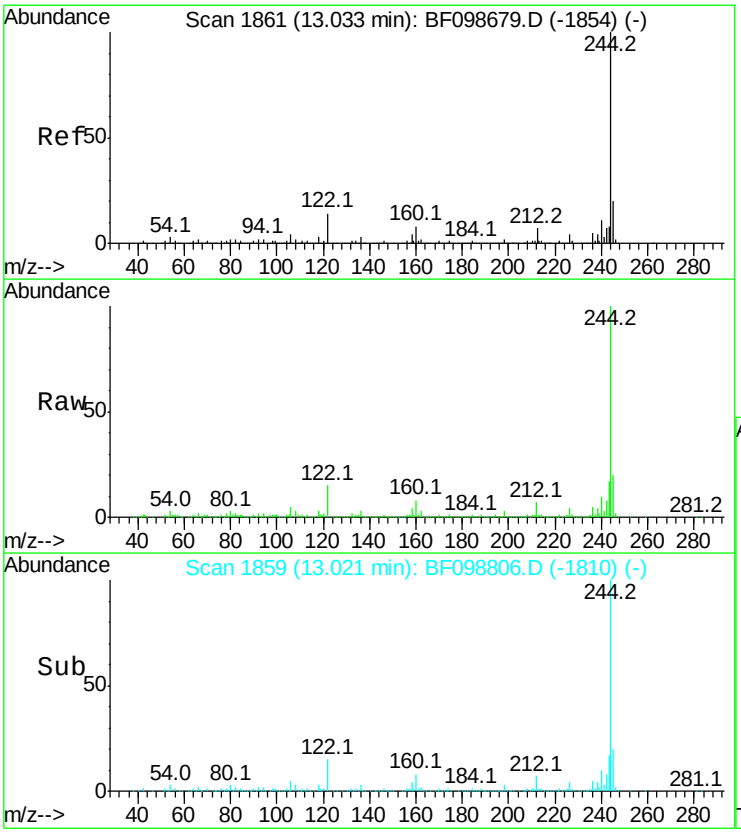
#77
Pyrene
Concen: 13.338 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 298504

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5

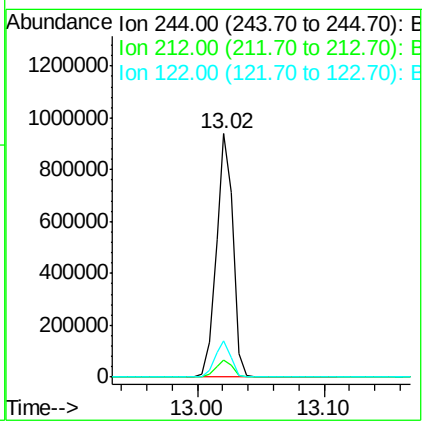


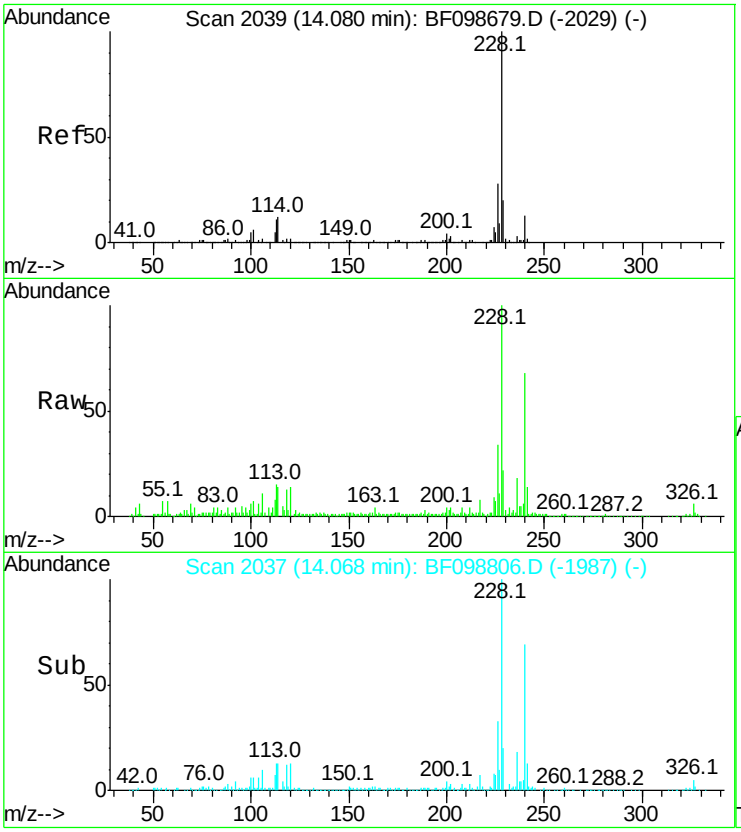


#78
Terphenyl-d14
Concen: 66.636 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:244 Resp: 859974

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.0	11.0	16.4



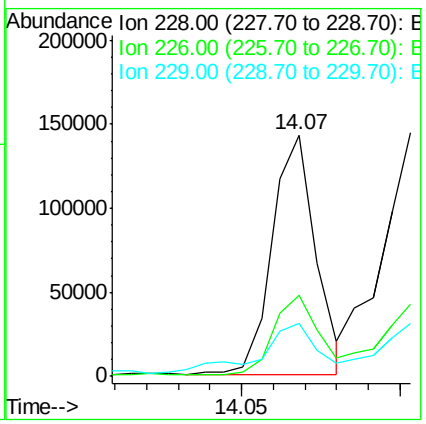


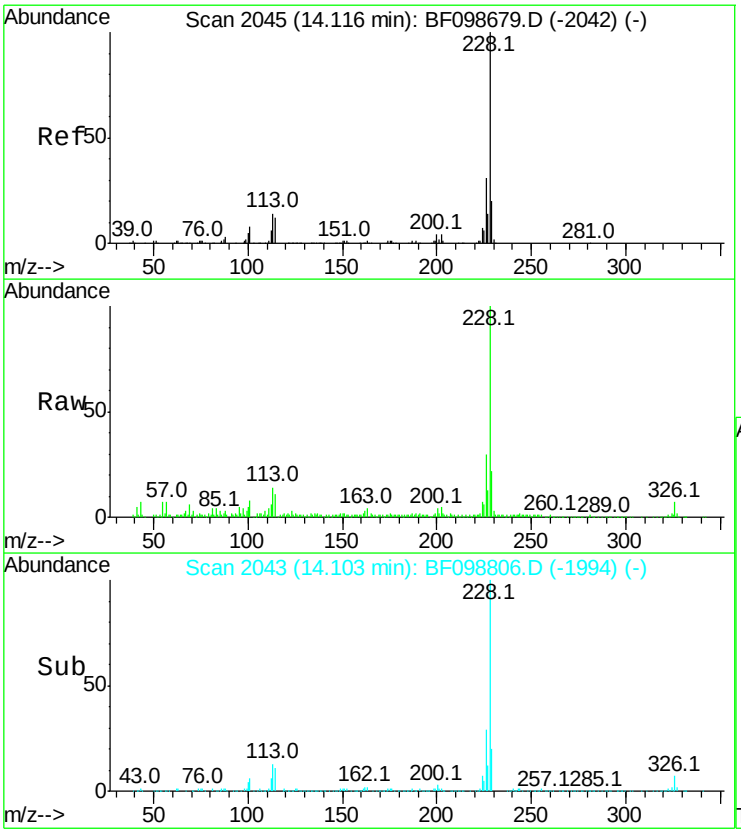
#80
Benzo(a)anthracene
Concen: 7.650 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 135963

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.6	33.8
229	21.7	15.8	23.6

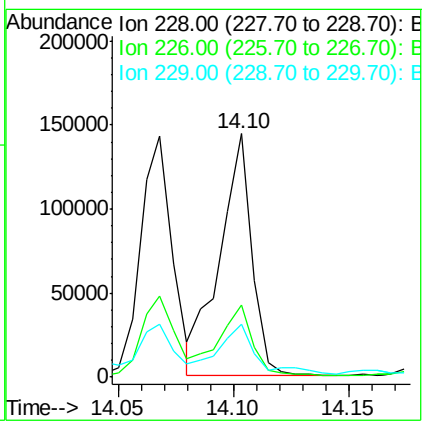


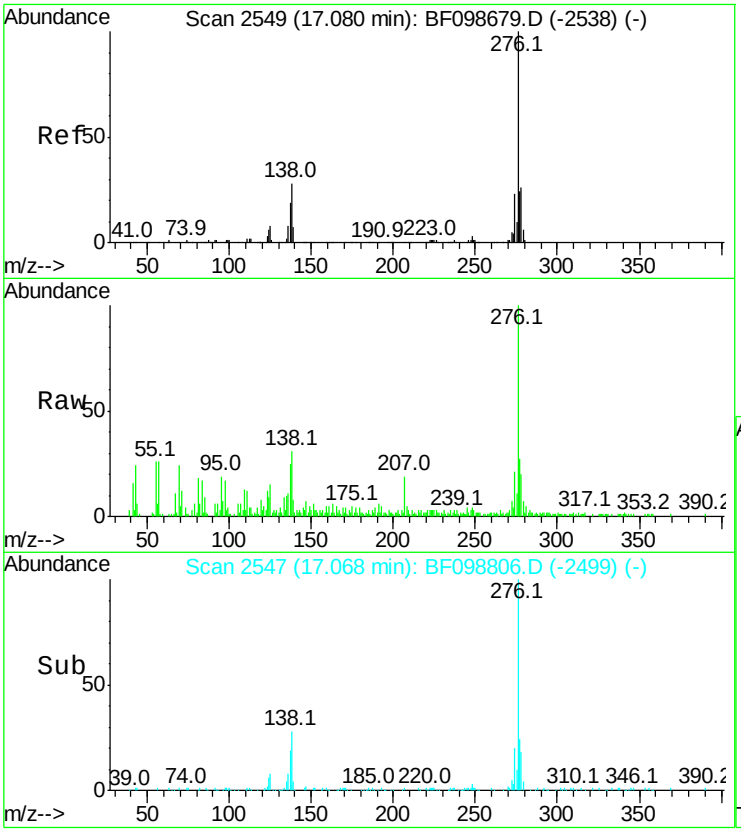


#82
Chrysene
Concen: 8.216 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:228 Resp: 139009

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.7	16.2	24.4



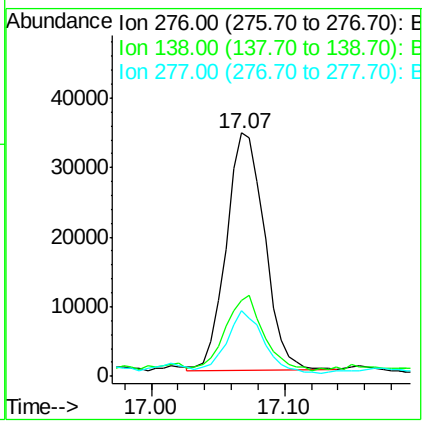


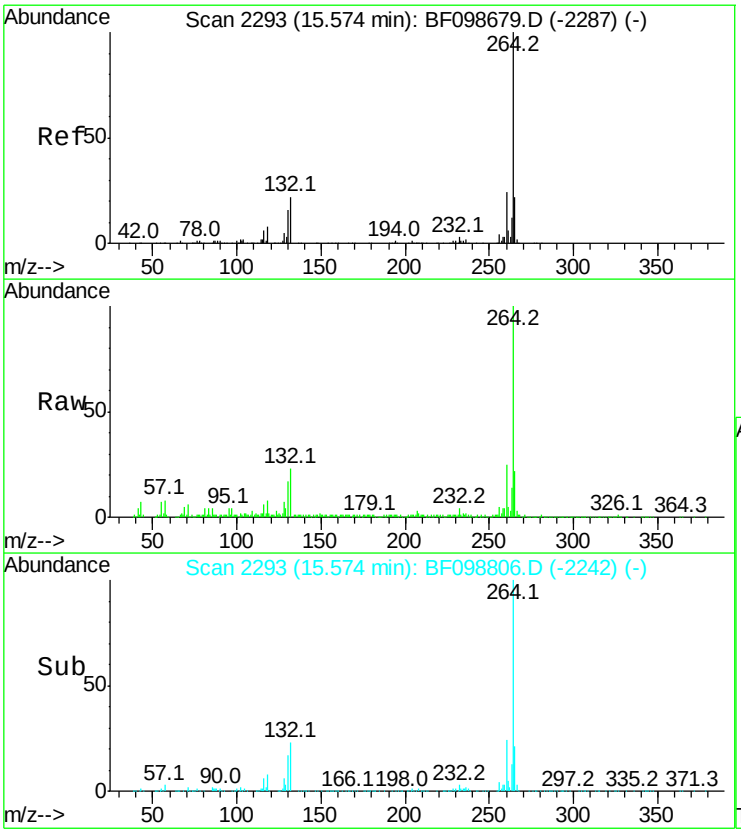
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.058 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 68461

Ion	Ratio	Lower	Upper
276	100		
138	31.2	25.0	37.6
277	25.4	20.1	30.1

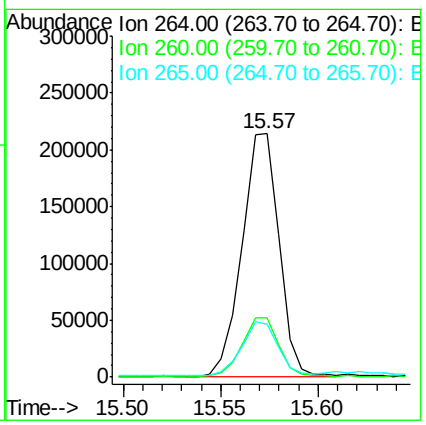


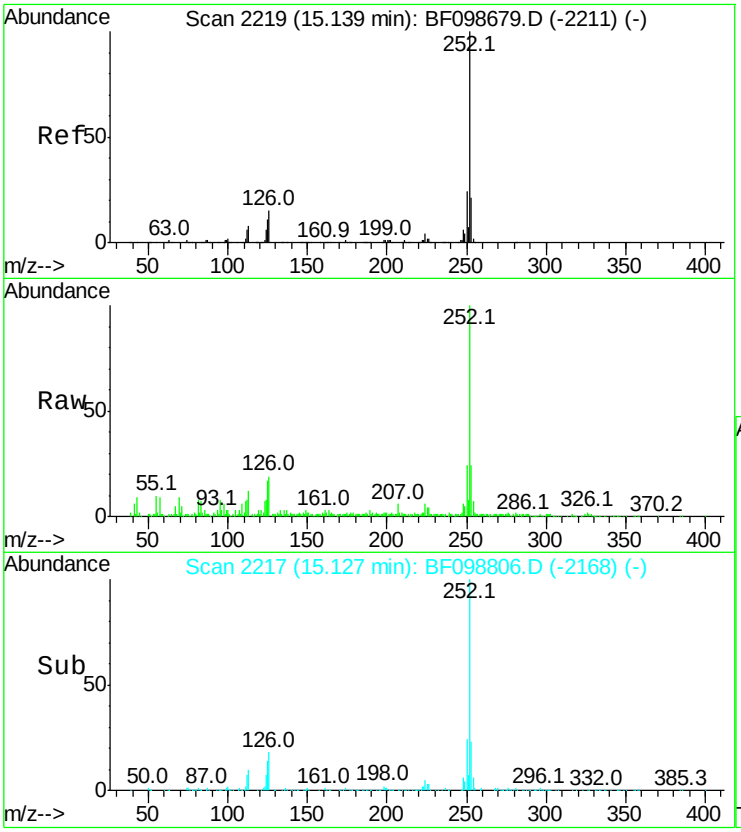


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:264 Resp: 280476

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3



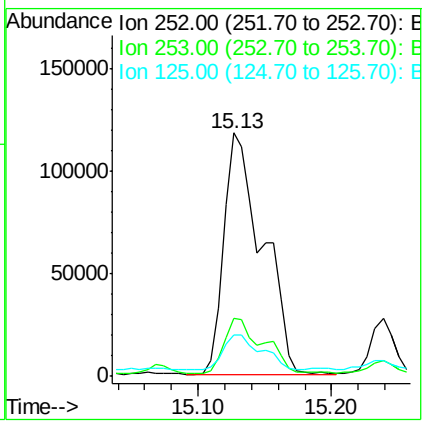


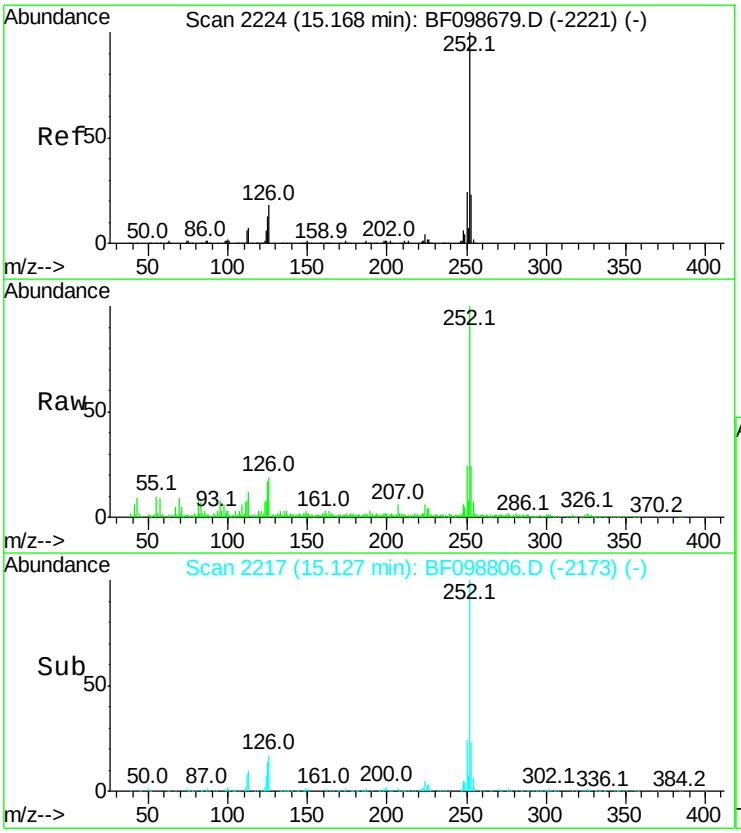
#87
Benzo(b)fluoranthene
Concen: 13.848 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 238805

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	17.0	9.0	13.6#

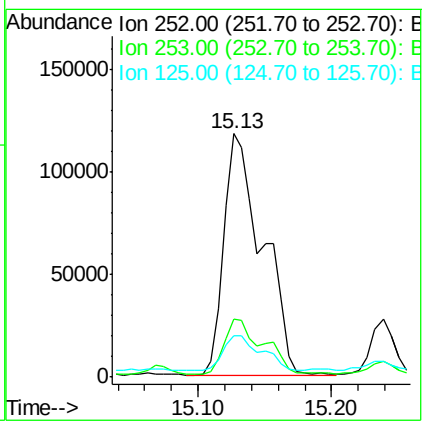


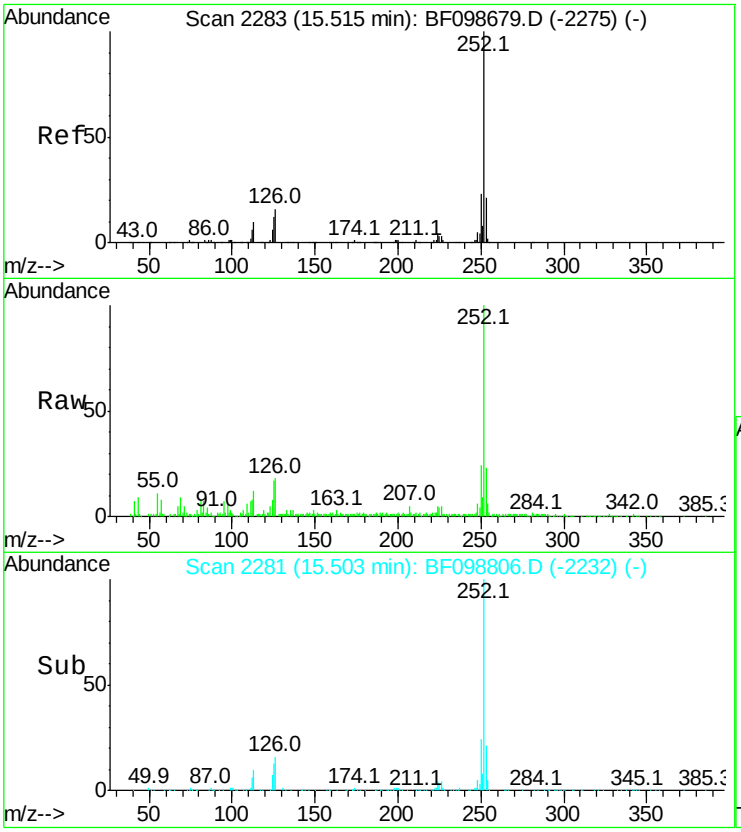


#88
Benzo(k)fluoranthene
Concen: 14.020 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:252 Resp: 238805

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	17.0	10.2	15.2#



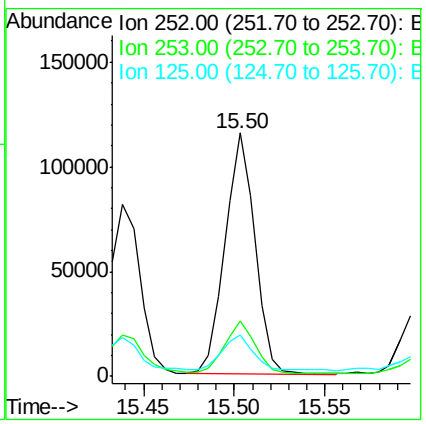


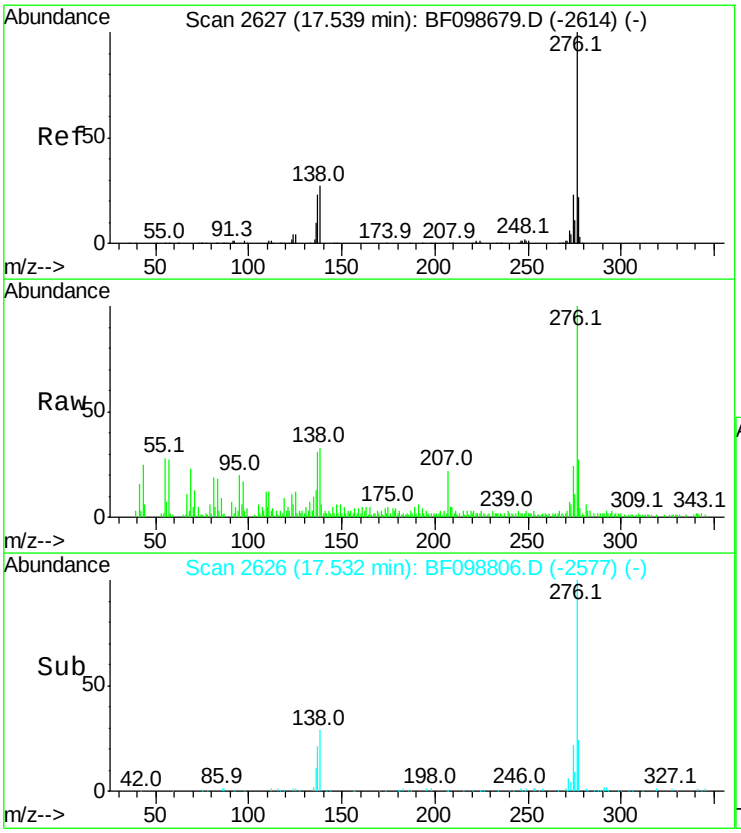
#89
Benzo(a)pyrene
Concen: 8.320 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 131706

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	16.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.285 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BF098806.D
Acq: 26 Sep 2017 2:17

Tgt Ion:276 Resp: 66176

Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9
138	32.5	21.8	32.8