Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099069.D
Acq On : 4 Oct 2017 16:19
Operator : SJ/JU
Sample : I5610-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 05 01:07:37 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	6.86	152	141819	20.00	ng		-0.06
21) Naphthalene-d8	8.15	136	596237	20.00	ng		-0.06
38) Acenaphthene-d10	9.90	164	273970	20.00	ng		-0.06
63) Phenanthrene-d10	11.39	188	467699	20.00	ng		-0.06
75) Chrysene-d12	14.03	240	285499	20.00	ng		-0.06
86) Perylene-d12	15.50	264	248428	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1147220	128.77	ng		-0.05
7) Phenol-d6	6.50	99	1428238	129.96	ng		-0.05
23) Nitrobenzene-d5	7.43	82	871630	93.75	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	299426	133.56	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	1361192	82.94	ng		-0.06
78) Terphenyl-d14	12.97	244	1029148	81.98	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	23462	3.68	ng		87
10) Phenol	6.51	94	36070	2.93	ng		96
15) Benzyl Alcohol	7.02	79	16770	2.08	ng	#	42
19) n-Nitroso-di-n-propylamine	7.43	70	114330	16.29	ng	#	75
25) Isophorone	7.43	82	866816	45.09	ng	#	64
49) Dimethylphthalate	9.62	163	365037	17.65	ng		99
56) 2,4-Dinitrotoluene	9.90	165	36171	6.19	ng	#	23
66) 4-Bromophenyl-phenylether	10.69	248	19834	4.33	ng	#	1
70) Phenanthrene	11.41	178	213187	8.52	ng		98
71) Anthracene	11.46	178	62238	2.43	ng		97
74) Fluoranthene	12.62	202	329257	12.99	ng		97
77) Pyrene	12.83	202	269753	12.39	ng		98
80) Benzo(a)anthracene	14.02	228	114984	6.65	ng		98
82) Chrysene	14.05	228	93568	5.69	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	43974	3.34	ng		97
87) Benzo(b)fluoranthene	15.07	252	136394	8.93	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	136394	9.04	ng	#	97
89) Benzo(a)pyrene	15.43	252	77229	5.51	ng	#	93
91) Benzo(g,h,i)perylene	17.42	276	45047	4.06	ng	#	90

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

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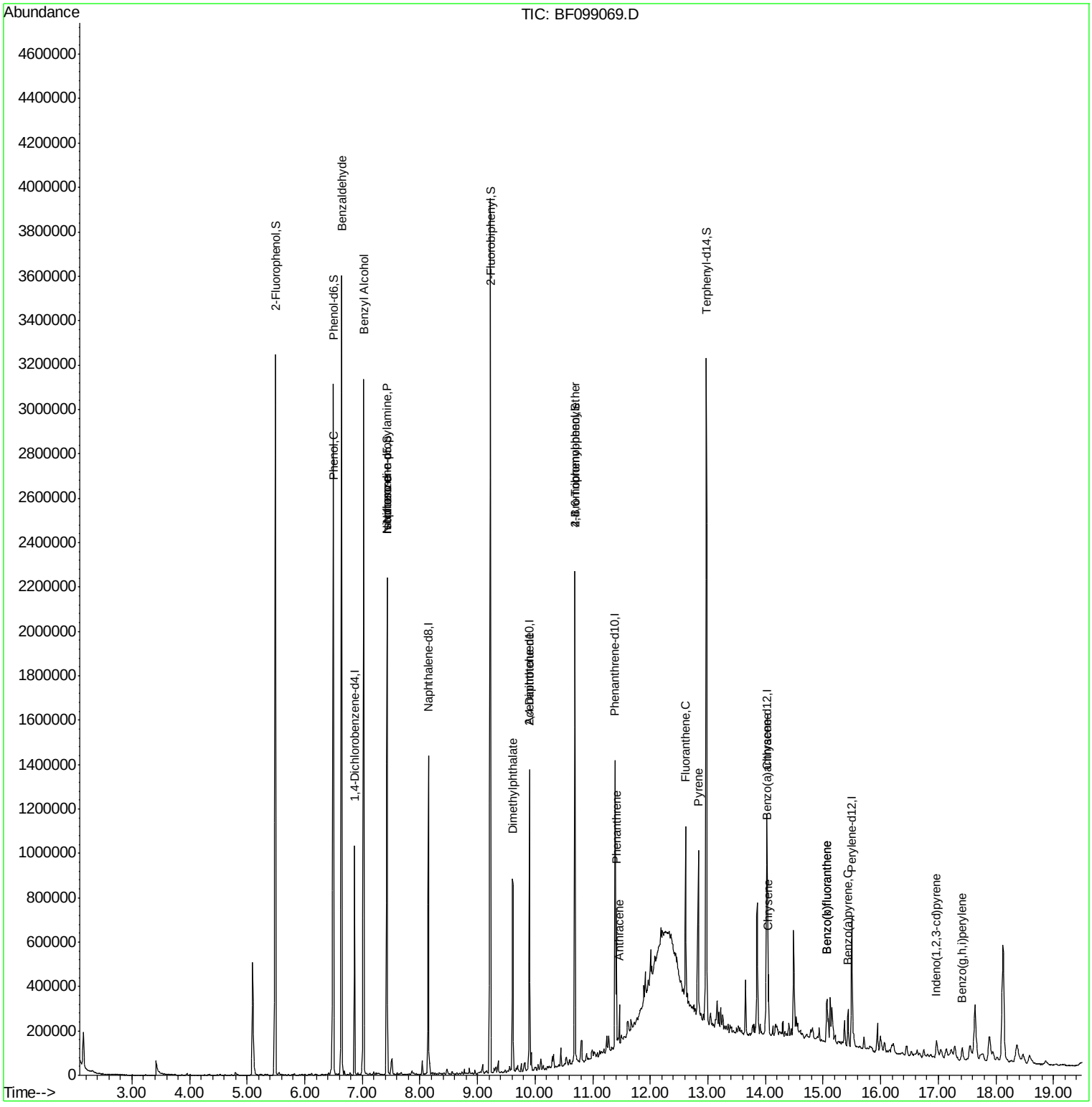
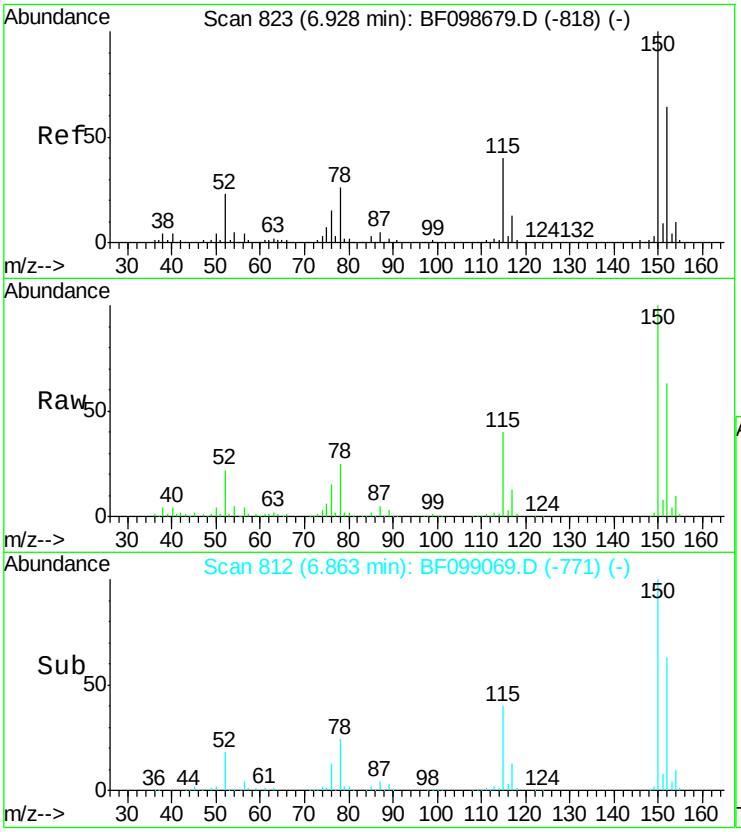
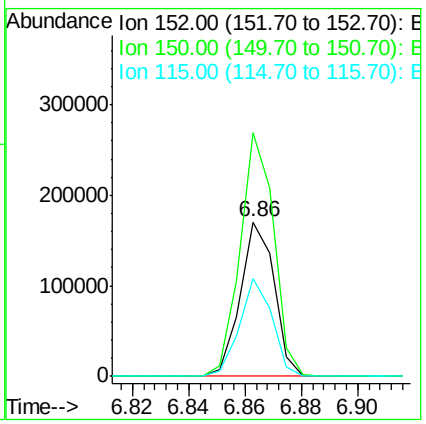




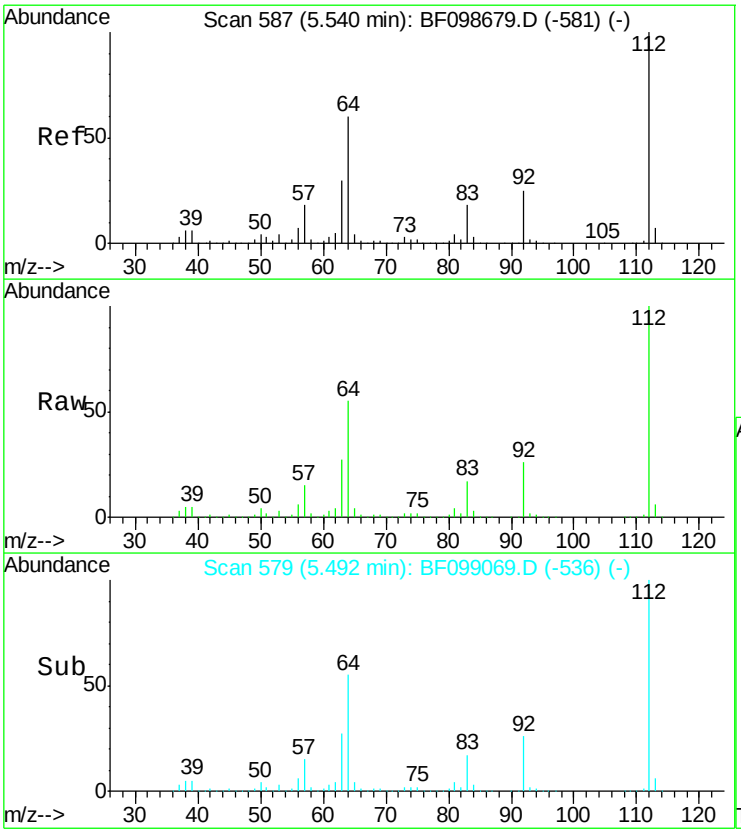
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:152 Resp: 141819

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	63.8	50.1	75.1



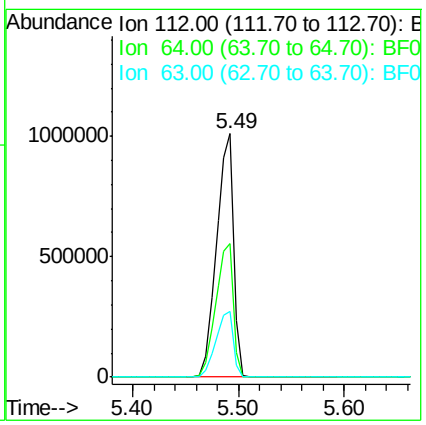
Instrument :
BNA_F
ClientSampleId :

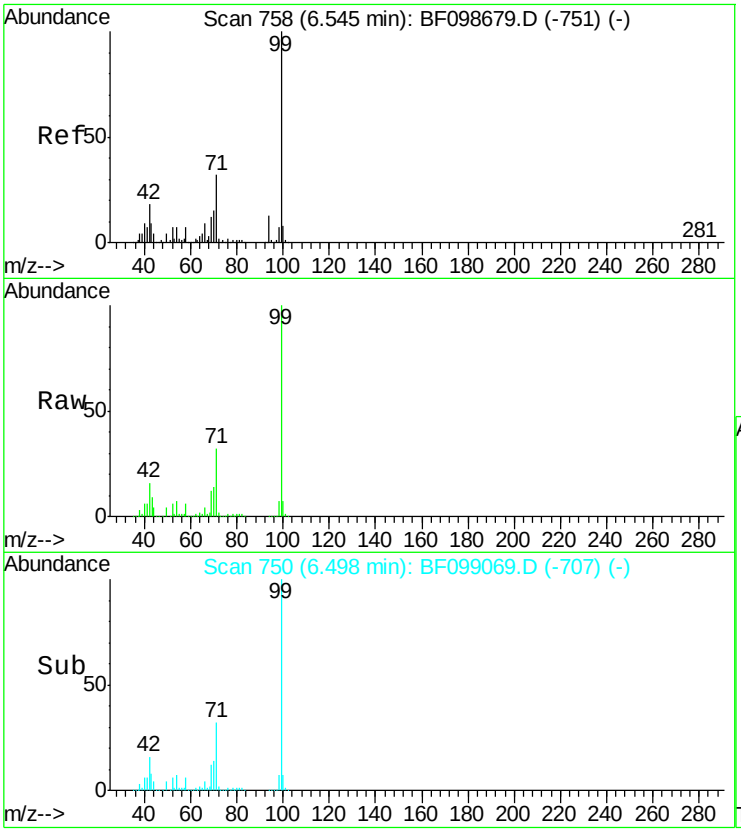


#5
2-Fluorophenol
Concen: 128.77 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:112 Resp: 1147220

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.1	23.7	35.5



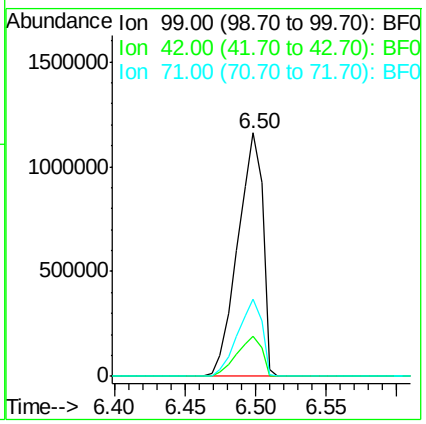


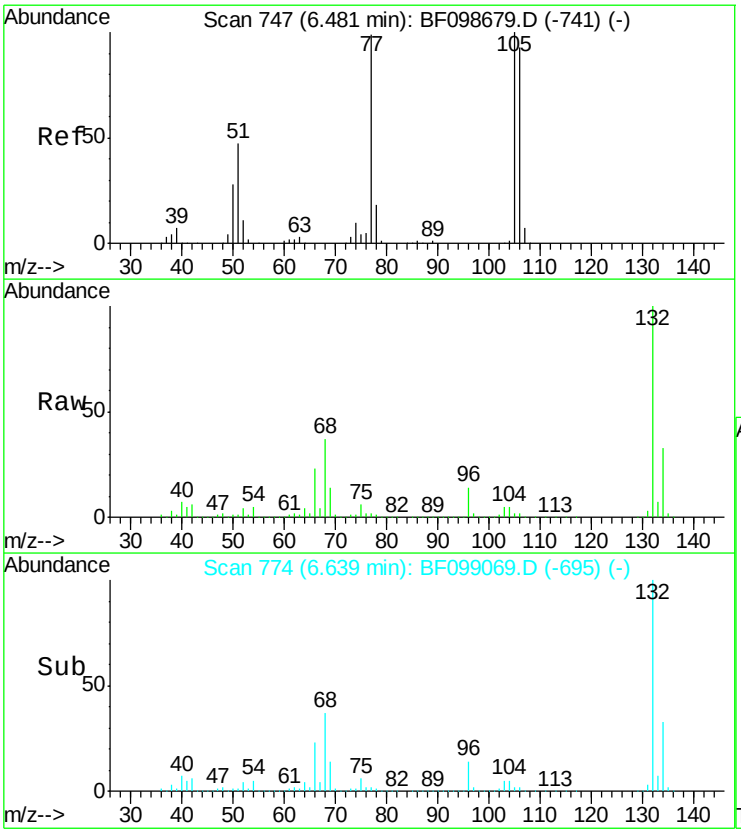
#7
Phenol-d6
Concen: 129.96 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.05 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1428238

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	32.0	25.4	38.0

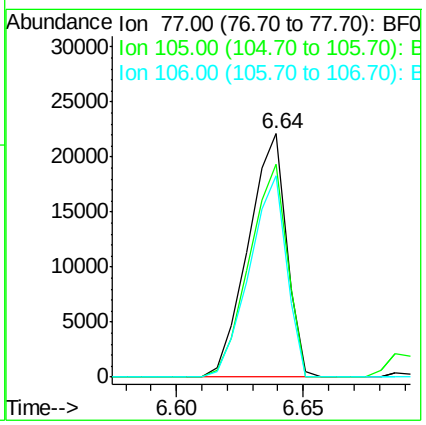


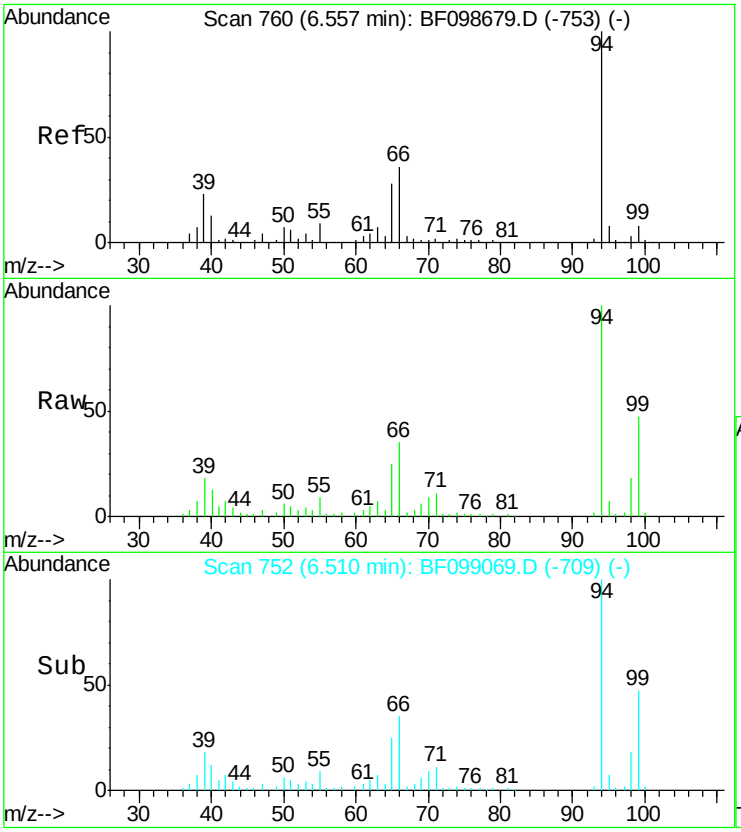


#9
Benzaldehyde
Concen: 3.68 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.17 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion: 77 Resp: 23462

Ion	Ratio	Lower	Upper
77	100		
105	87.5	81.1	121.1
106	82.6	74.5	114.5



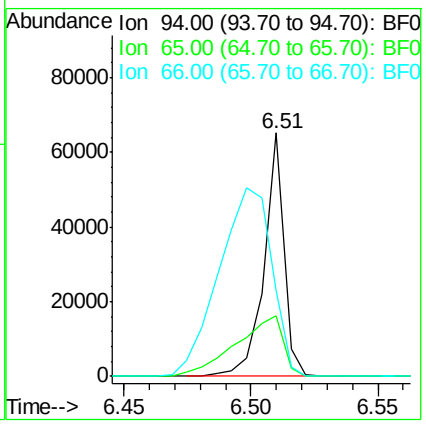


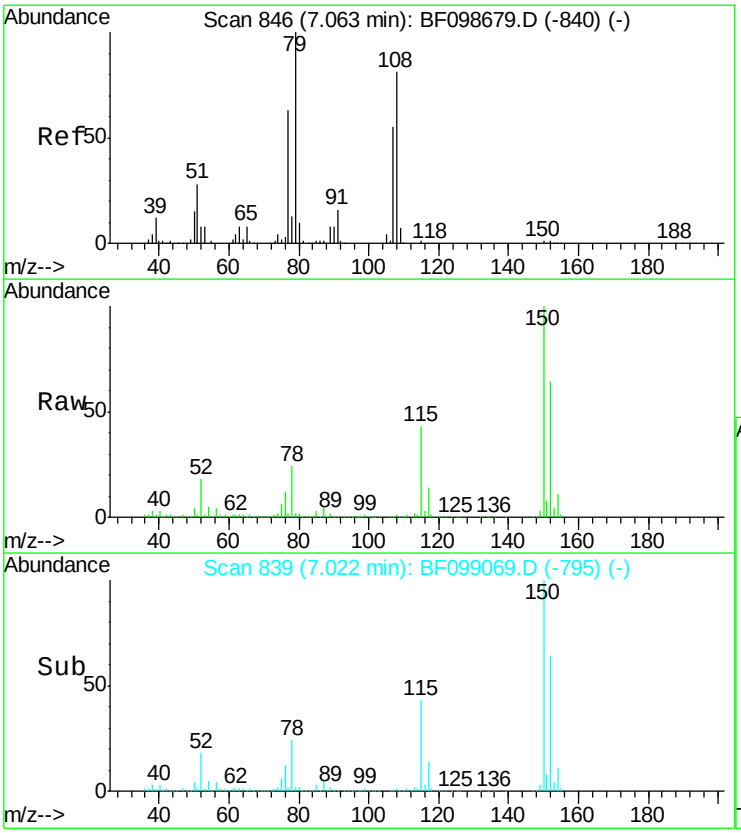
#10
Phenol
Concen: 2.93 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 36070

Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.9	47.9
66	35.2	16.2	56.2

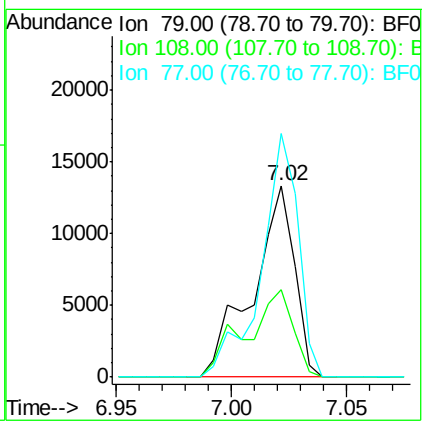


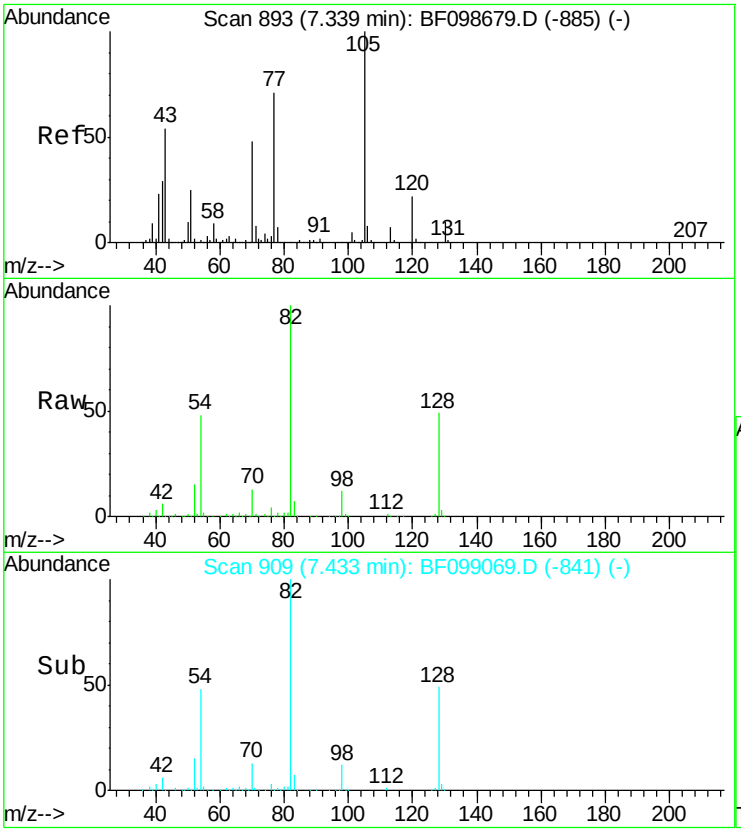


#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.04 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion: 79 Resp: 16770

Ion	Ratio	Lower	Upper
79	100		
108	45.9	65.1	97.7#
77	127.2	50.6	75.8#



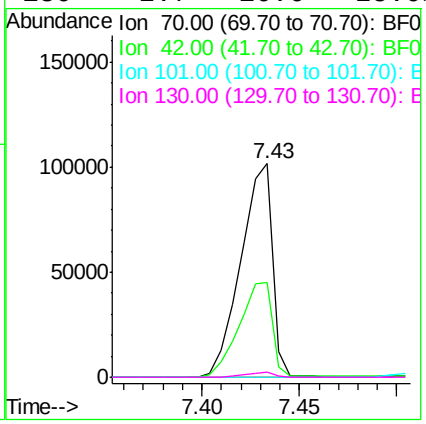


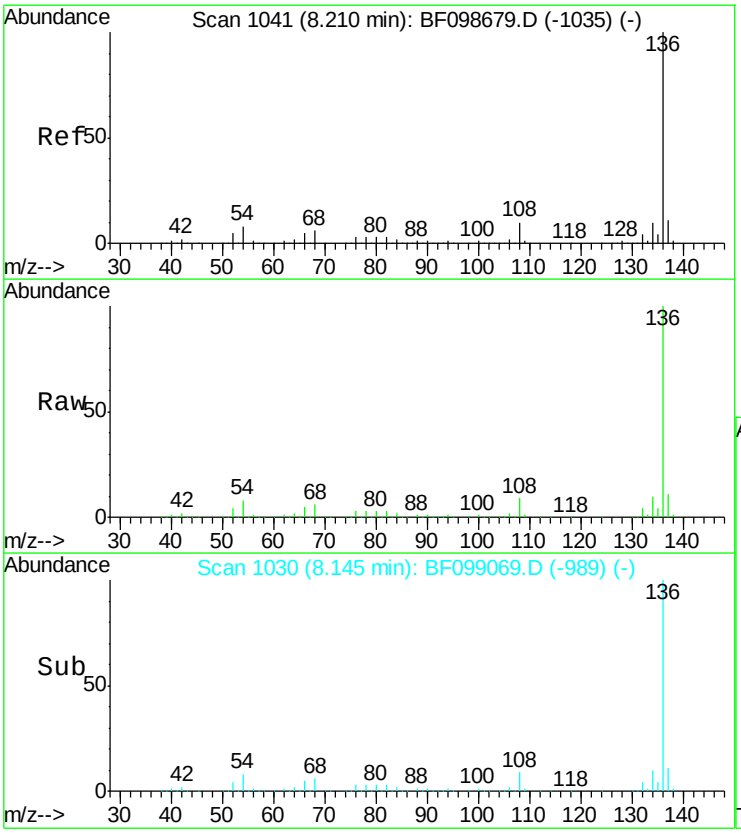
#19
n-Nitroso-di-n-propylamine
Concen: 16.29 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.10 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 114330

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#

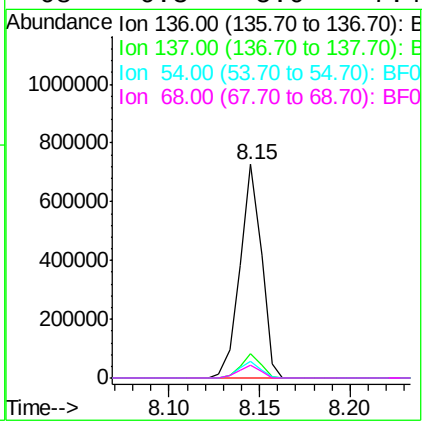


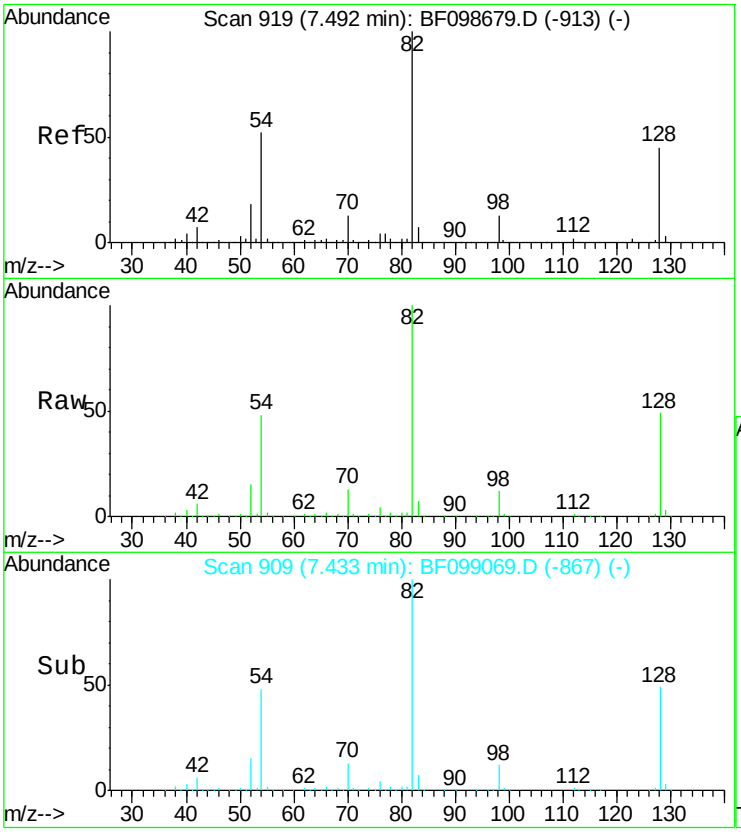


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:136 Resp: 596237

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.1	6.6	9.8
68	6.3	5.0	7.4



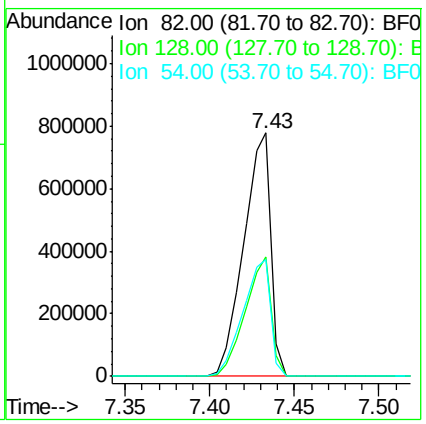


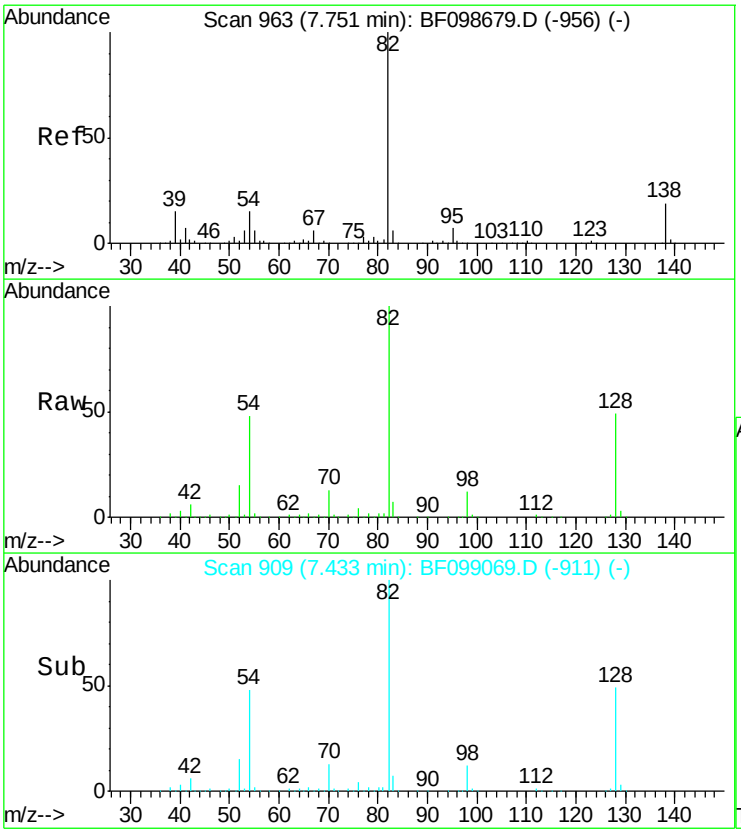
#23
Nitrobenzene-d5
Concen: 93.75 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 871630

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	47.9	41.4	62.2

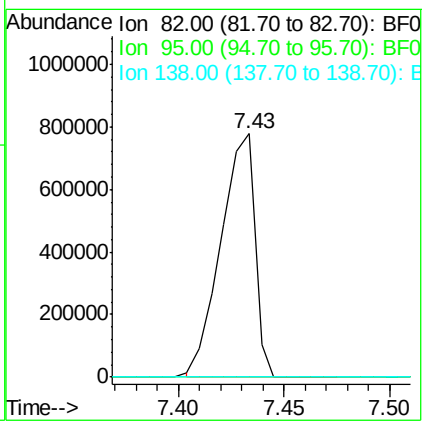


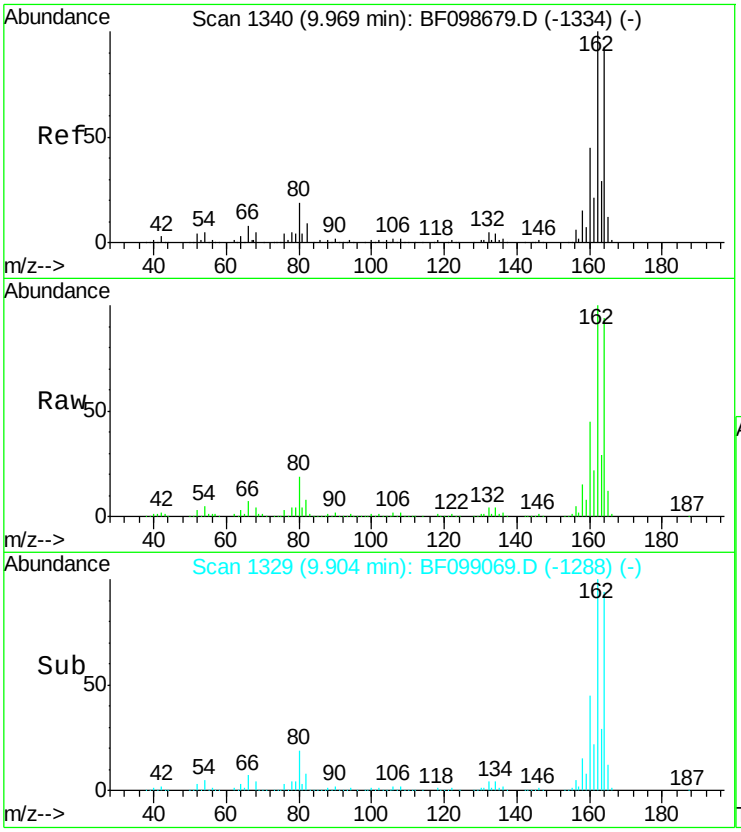


#25
Isophorone
Concen: 45.09 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.31 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion: 82 Resp: 866816

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



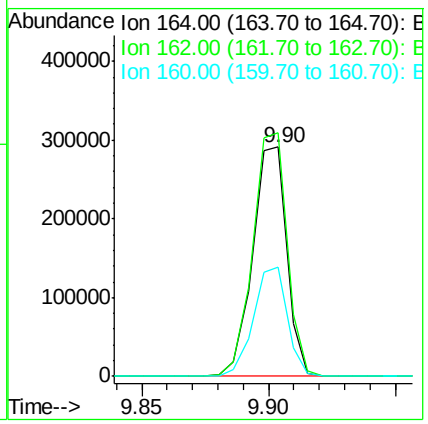


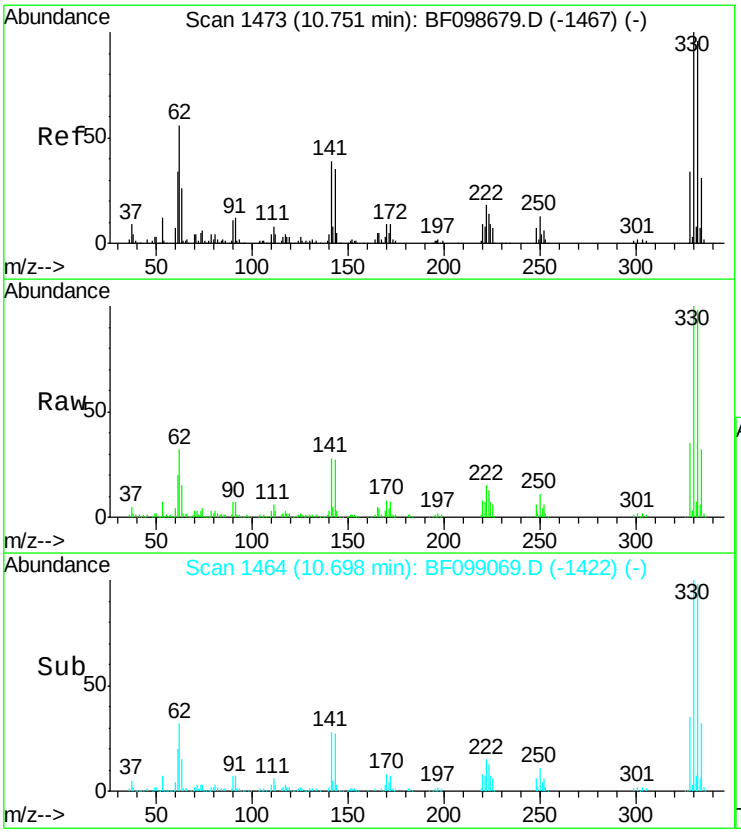
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 273970

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.8	38.3	57.5

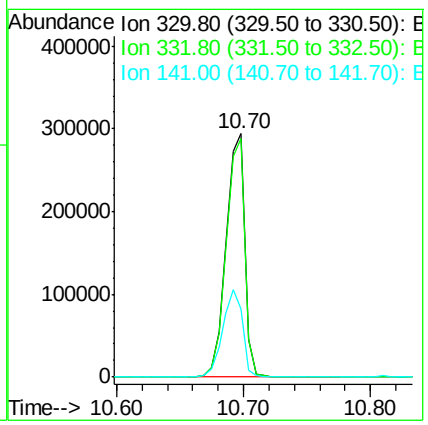


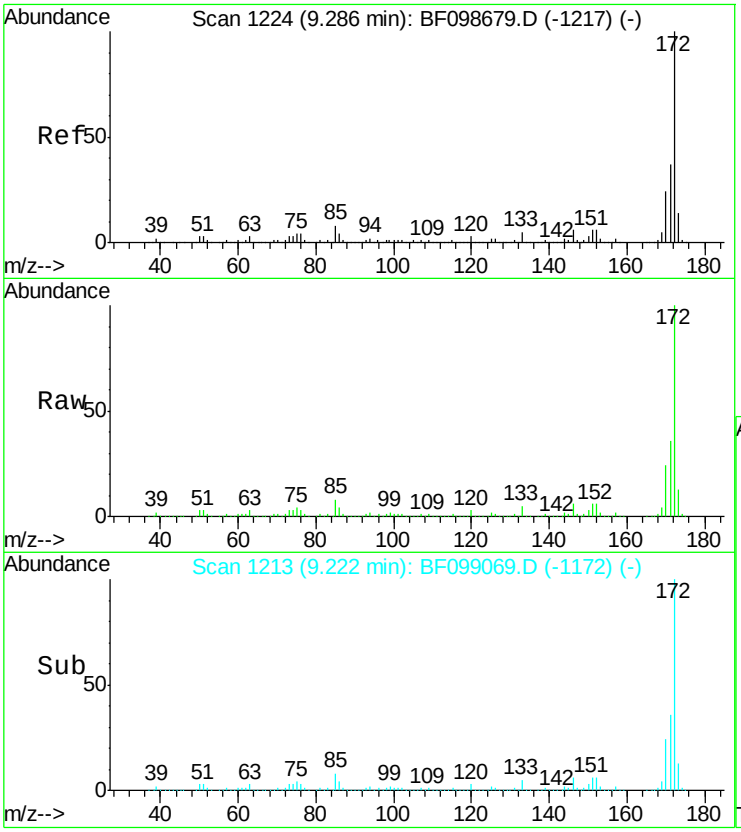


#41
2,4,6-Tribromophenol
Concen: 133.56 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.05 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:330 Resp: 299426

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	38.6	29.9	44.9



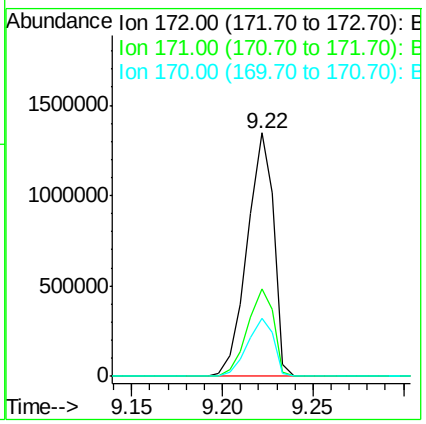


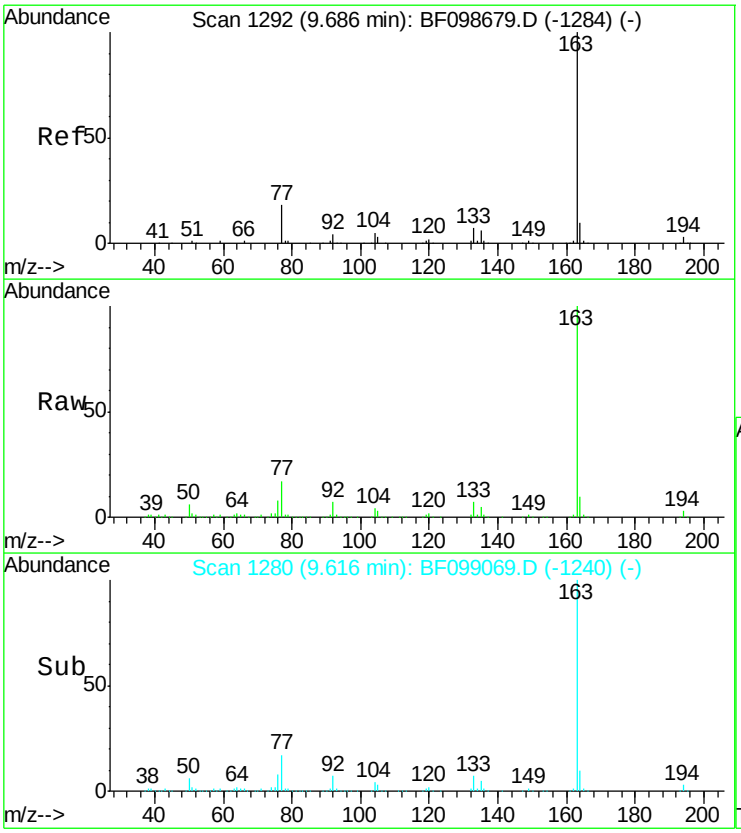
#44
2-Fluorobiphenyl
Concen: 82.94 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1361192

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

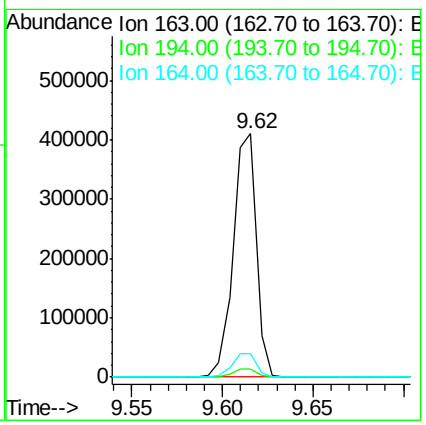


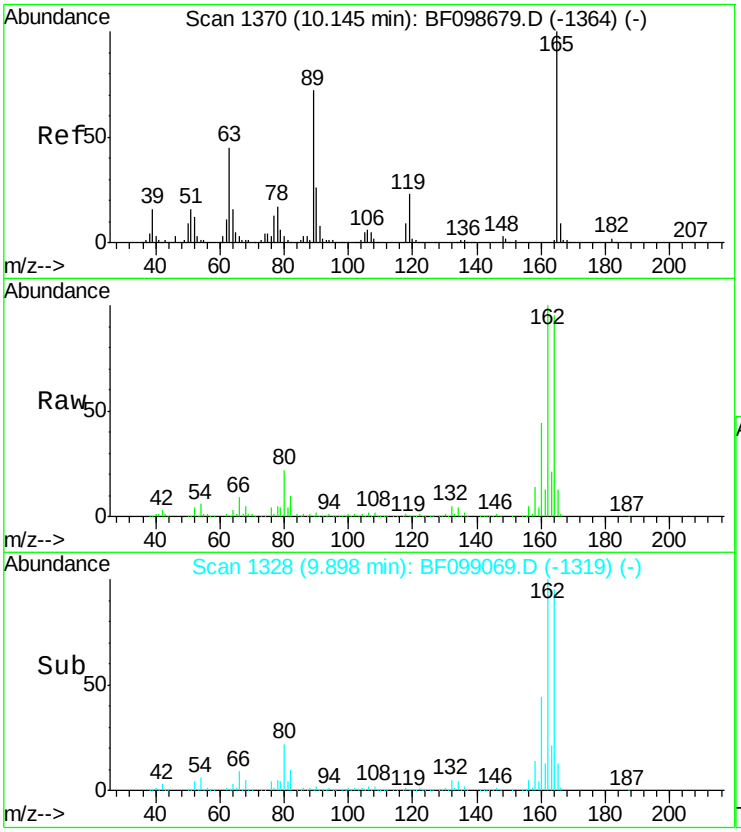


#49
Dimethylphthalate
Concen: 17.65 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:163 Resp: 365037

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2



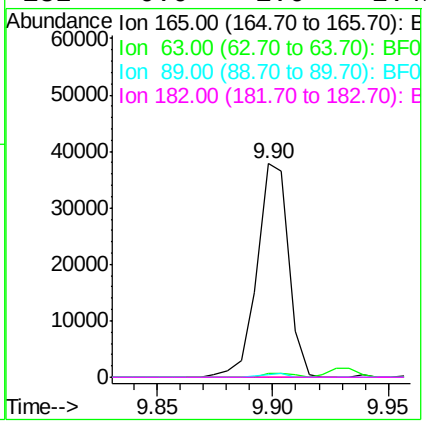


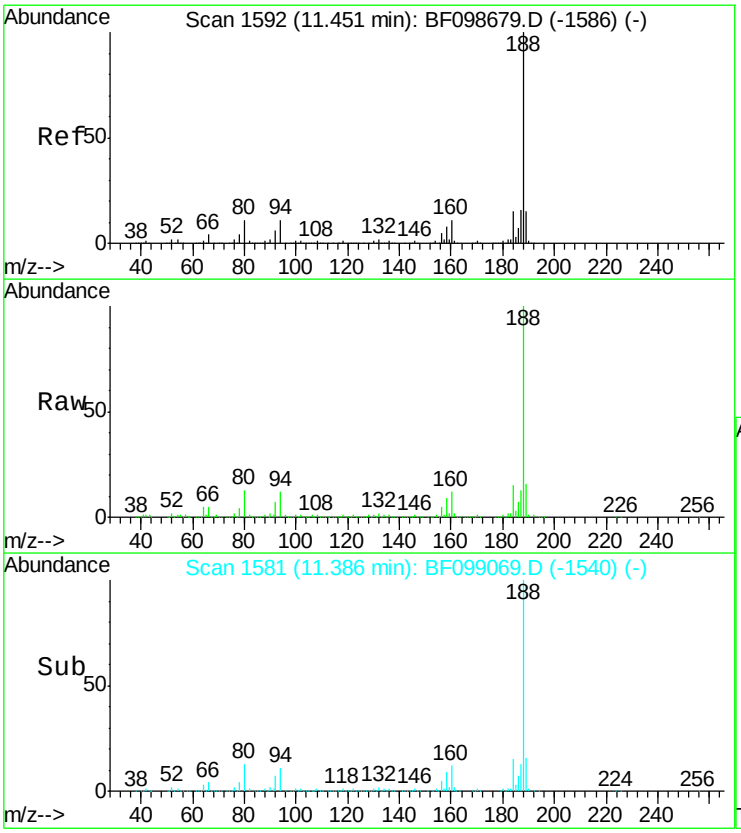
#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.25 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36171

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

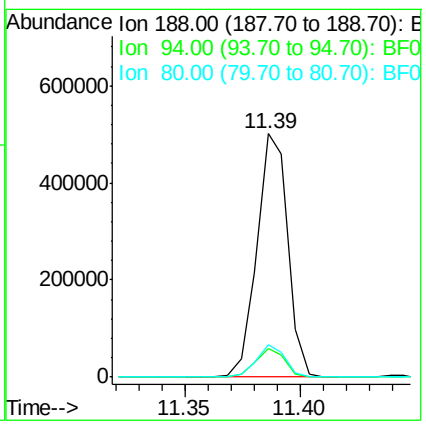


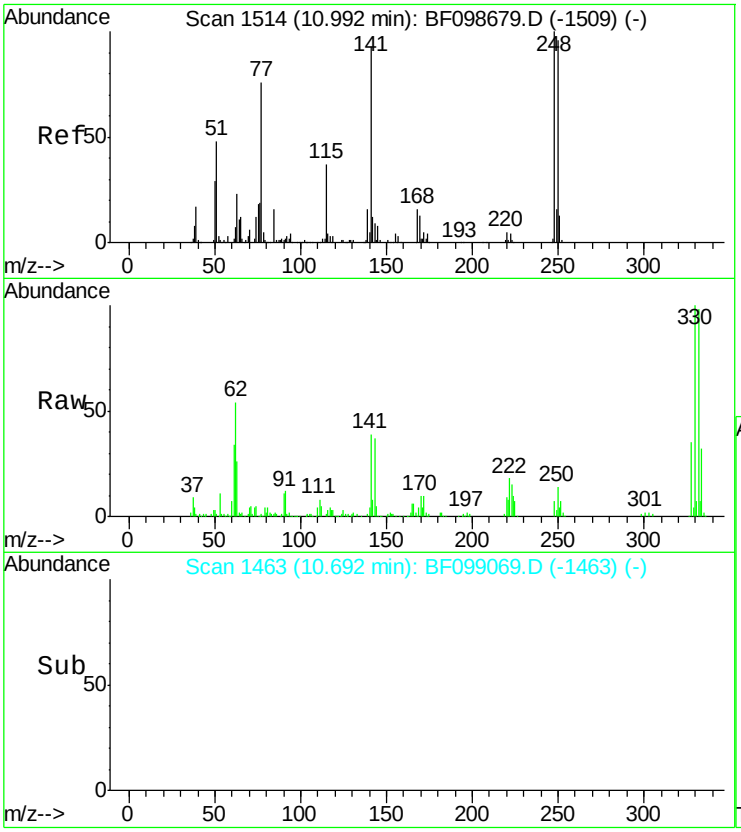


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:188 Resp: 467699

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	13.2	9.2	13.8



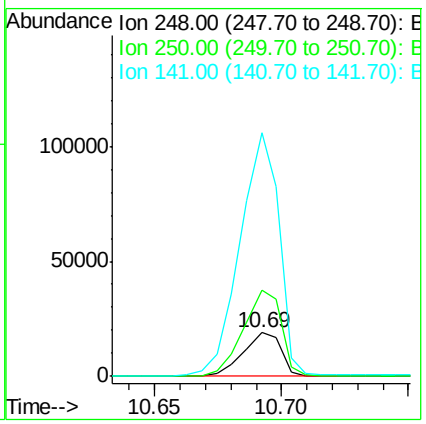


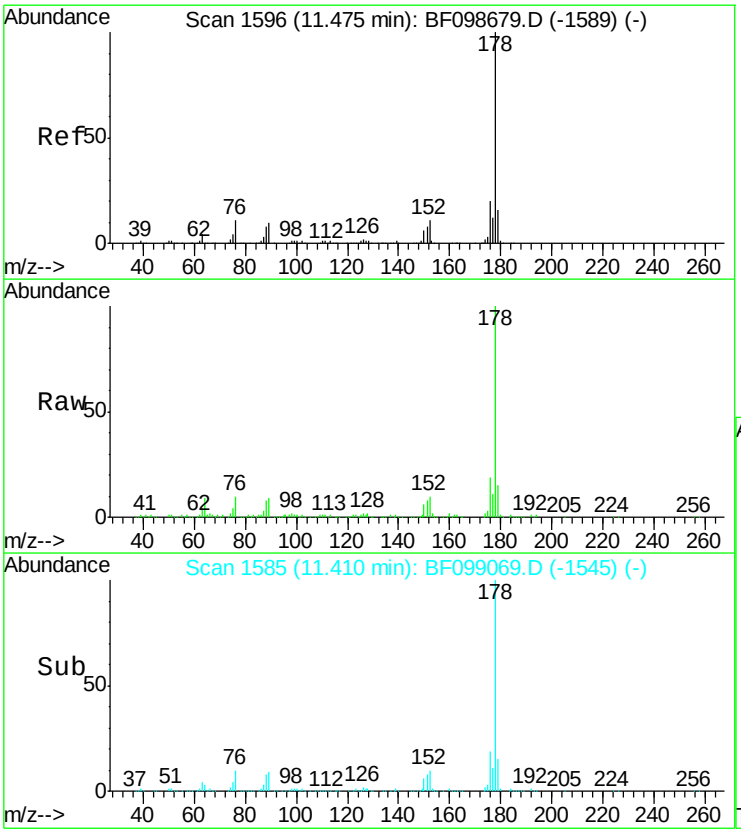
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19834

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	555.2	74.4	111.6#

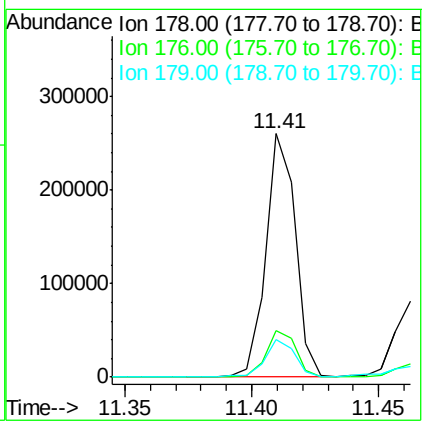


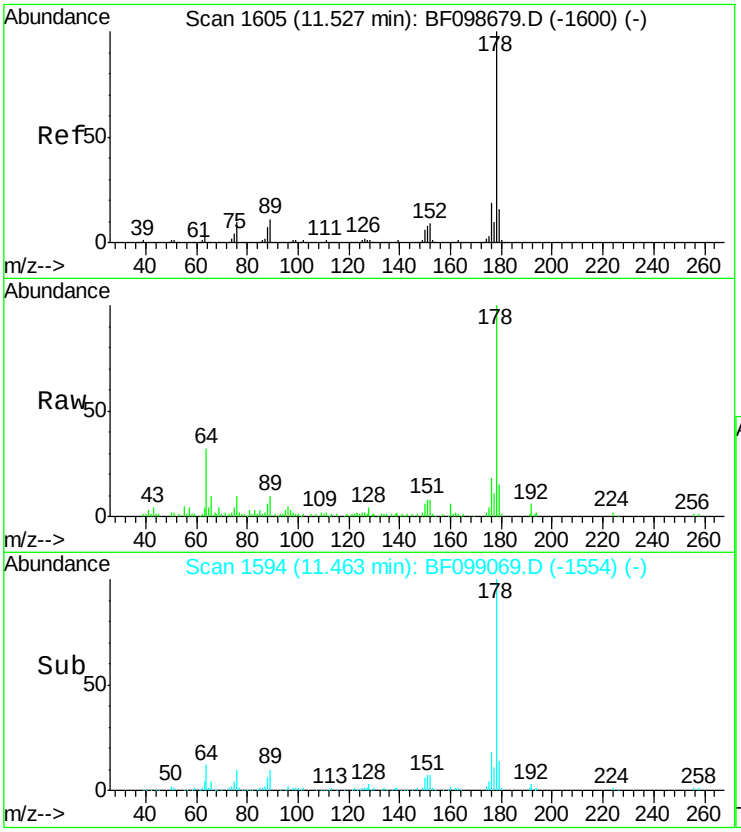


#70
Phenanthrene
Concen: 8.52 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:178 Resp: 213187

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	13.0	19.6



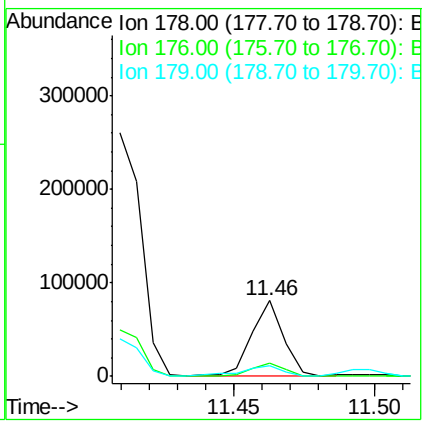


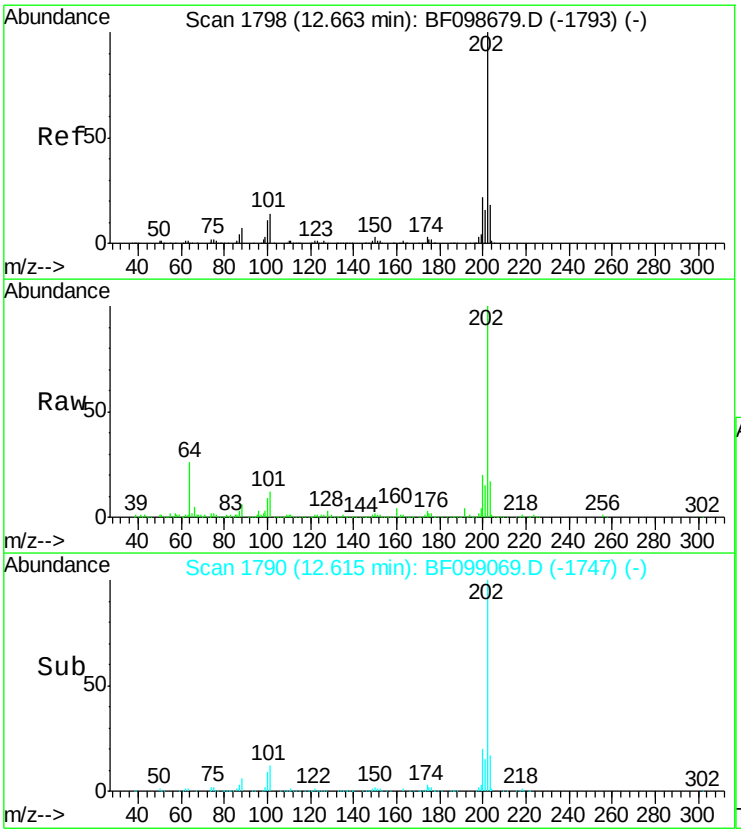
#71
Anthracene
Concen: 2.43 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 62238

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.9	12.6	19.0

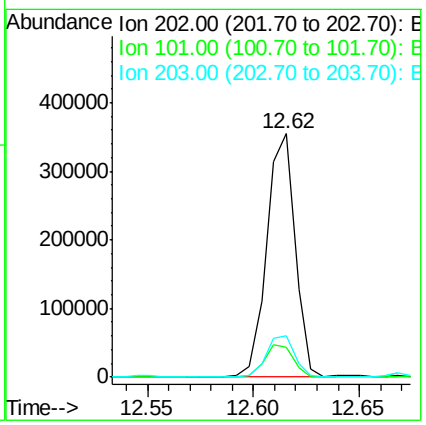


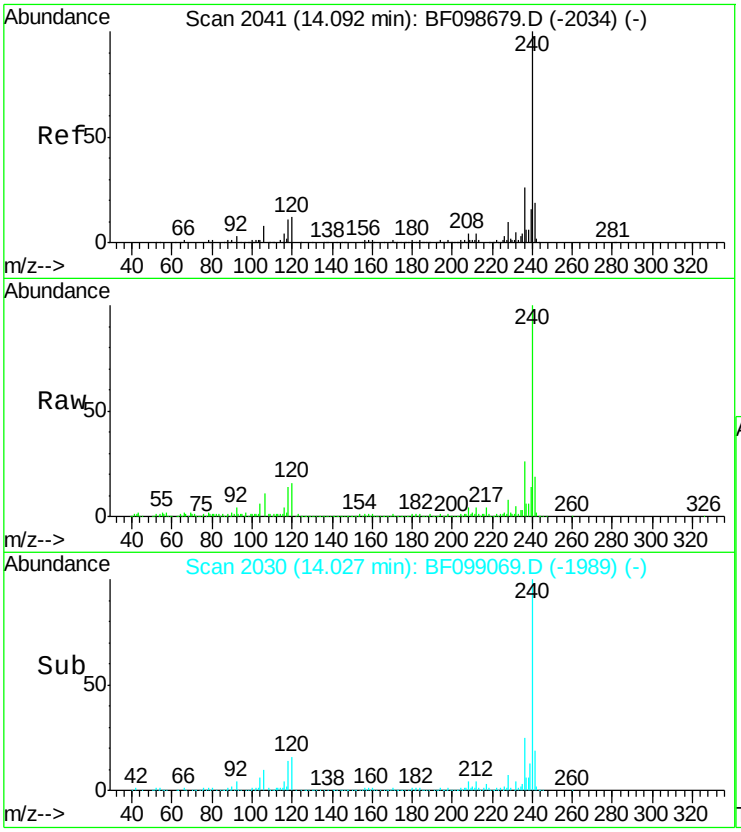


#74
Fluoranthene
Concen: 12.99 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.05 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:202 Resp: 329257

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.2	0.0	38.1



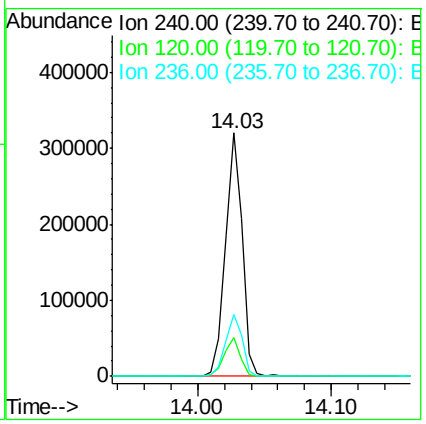


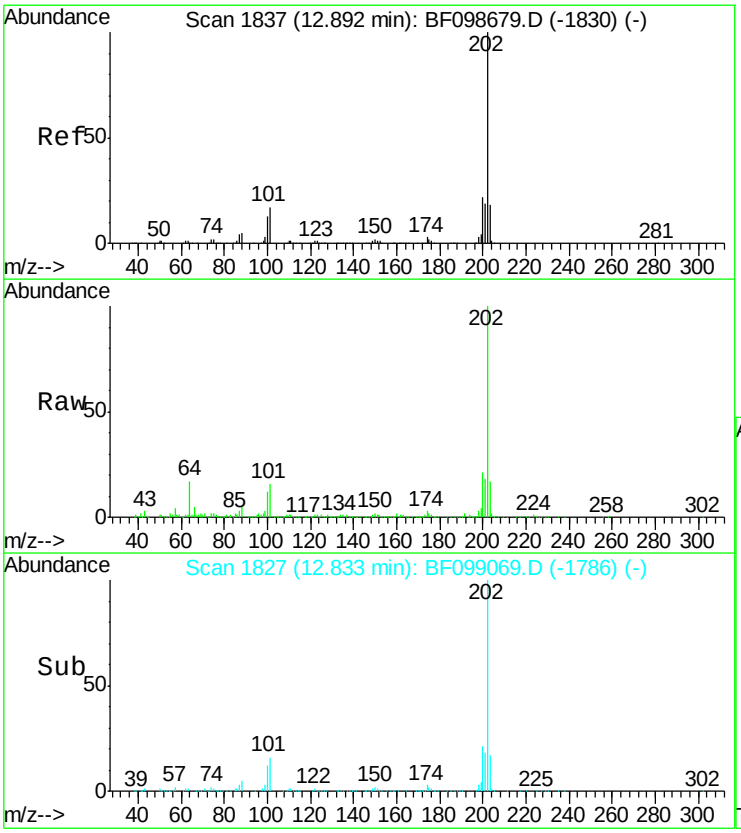
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 285499

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	25.6	20.7	31.1

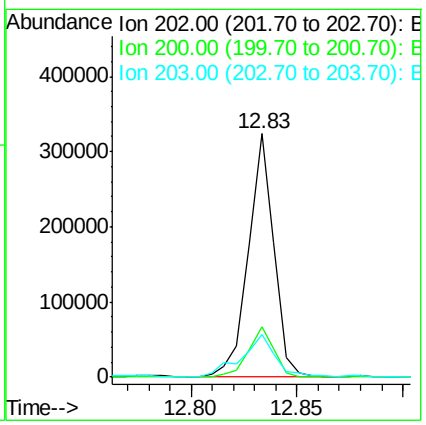


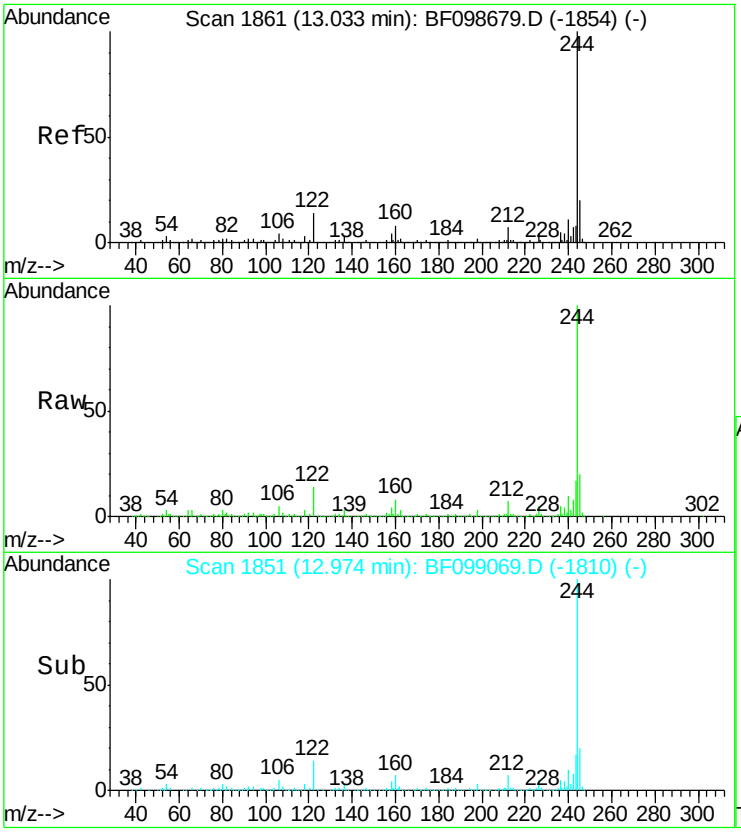


#77
Pyrene
Concen: 12.39 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:202 Resp: 269753

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.5	14.3	21.5



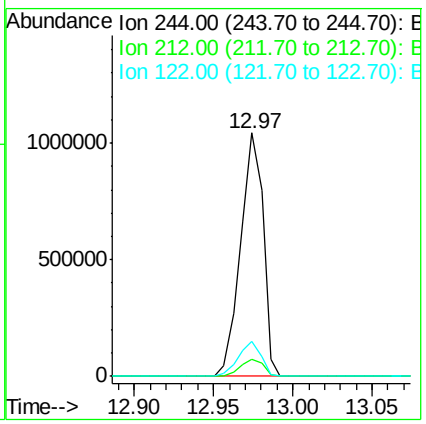


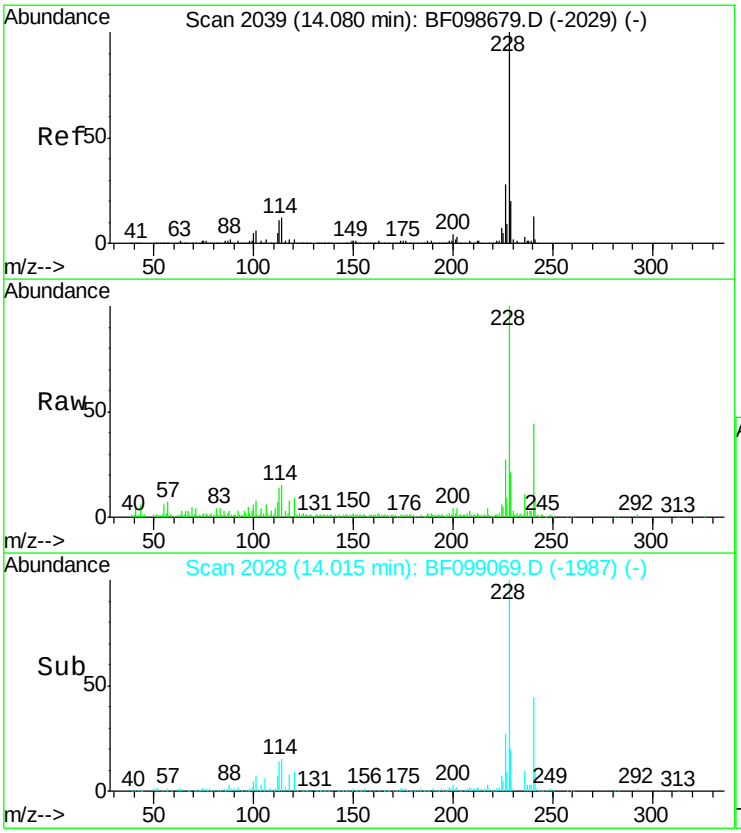
#78
Terphenyl-d14
Concen: 81.98 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1029148

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.5	11.0	16.4

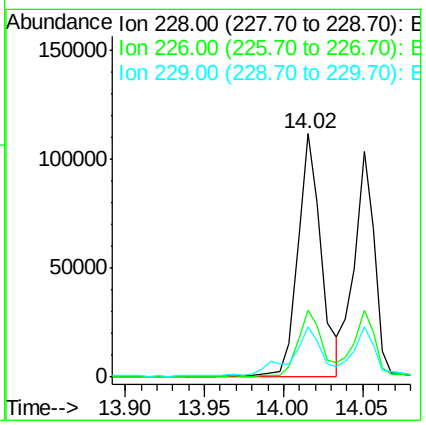


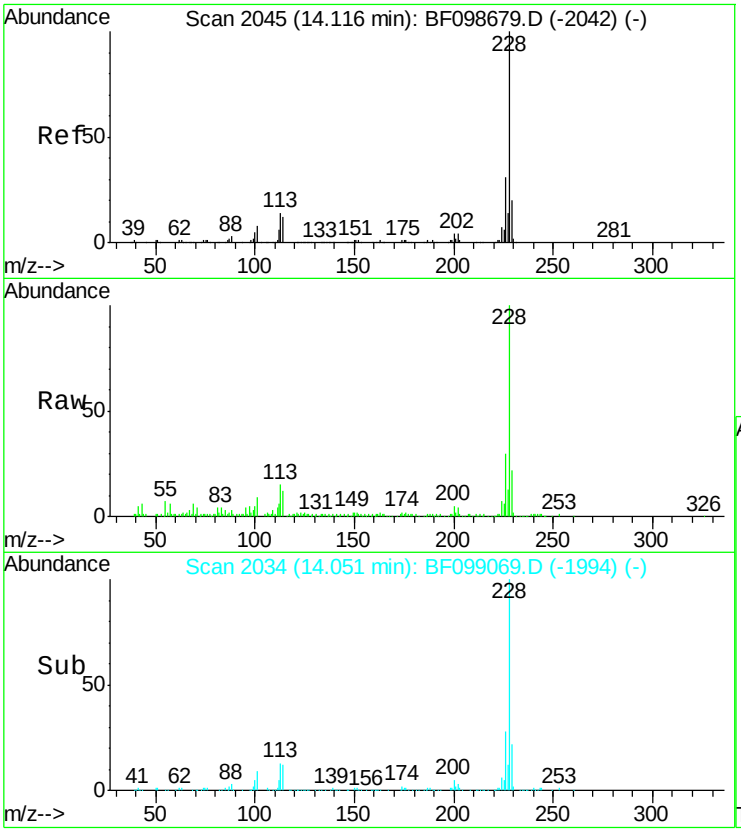


#80
Benzo(a)anthracene
Concen: 6.65 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:228 Resp: 114984

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.8	15.8	23.6



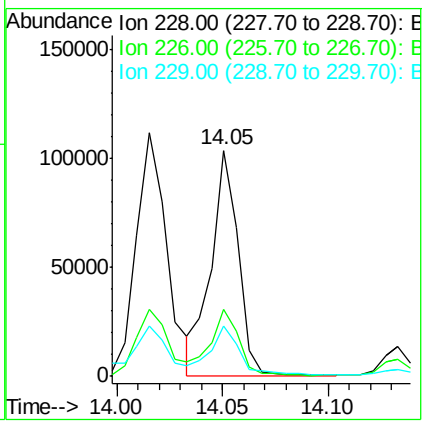


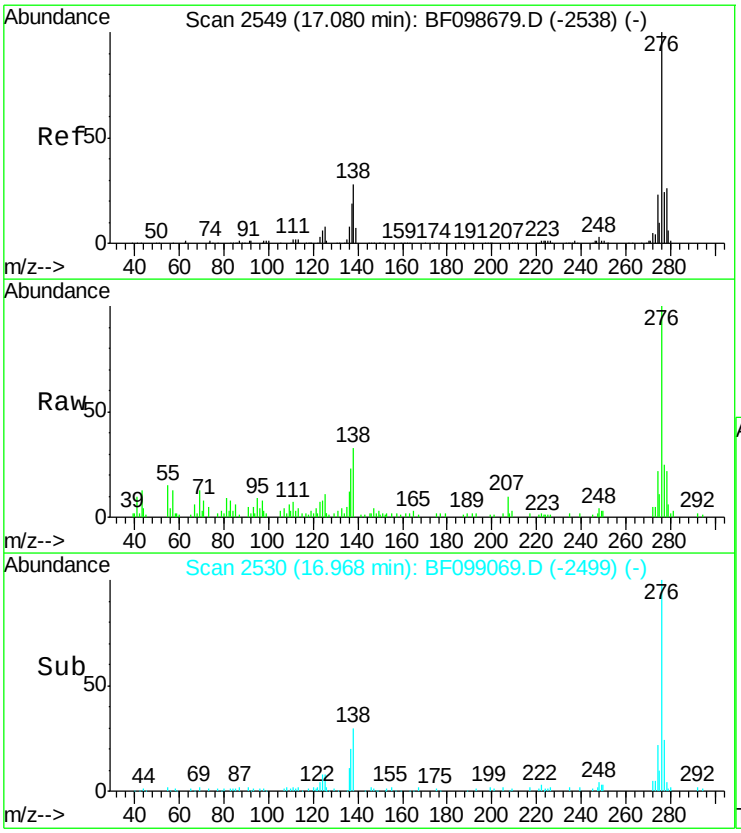
#82
Chrysene
Concen: 5.69 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.06 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 93568

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.3	16.2	24.4

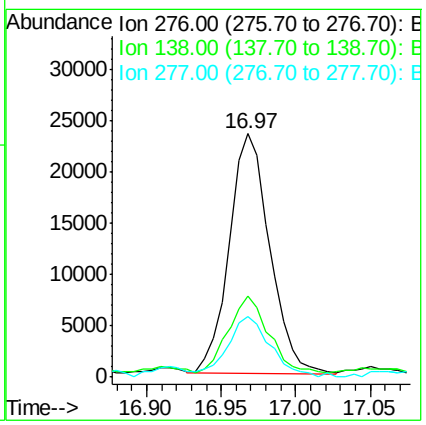


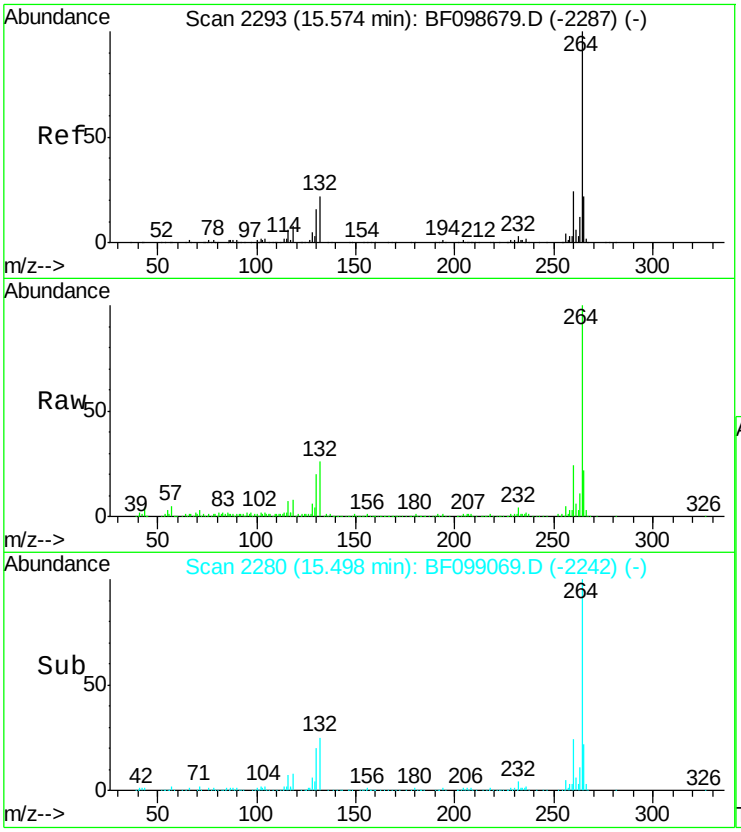


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.12 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:276 Resp: 43974

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	27.1	20.1	30.1



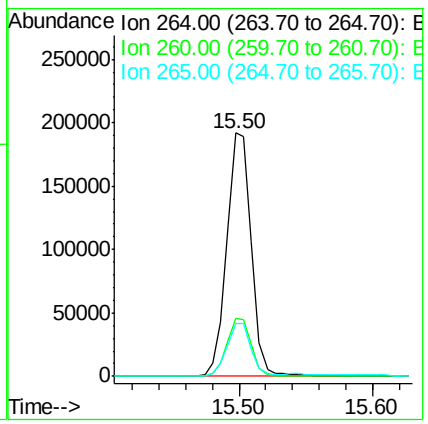


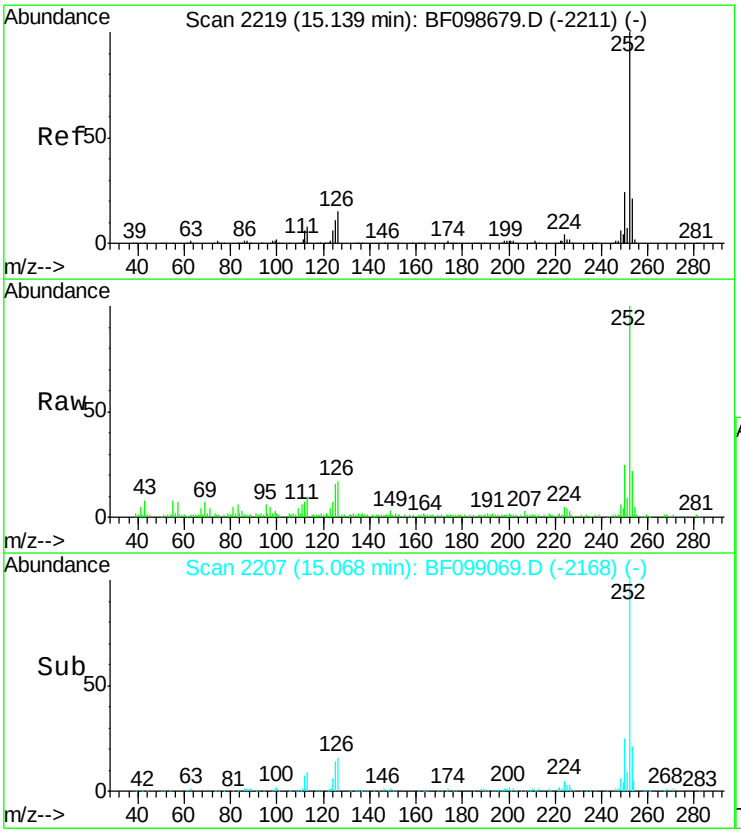
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 248428

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3

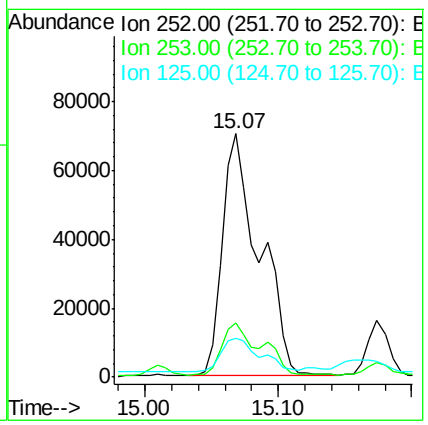


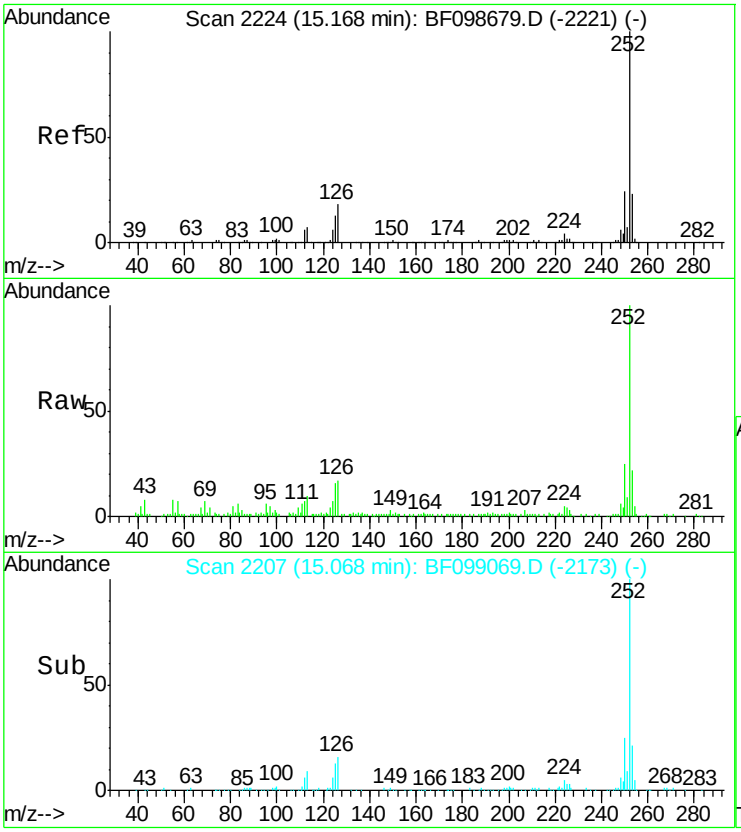


#87
Benzo(b)fluoranthene
Concen: 8.93 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.07 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:252 Resp: 136394

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	15.7	9.0	13.6#



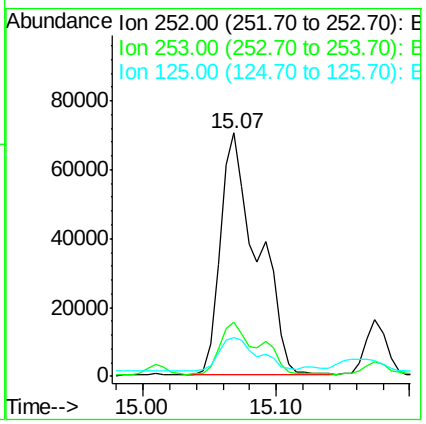


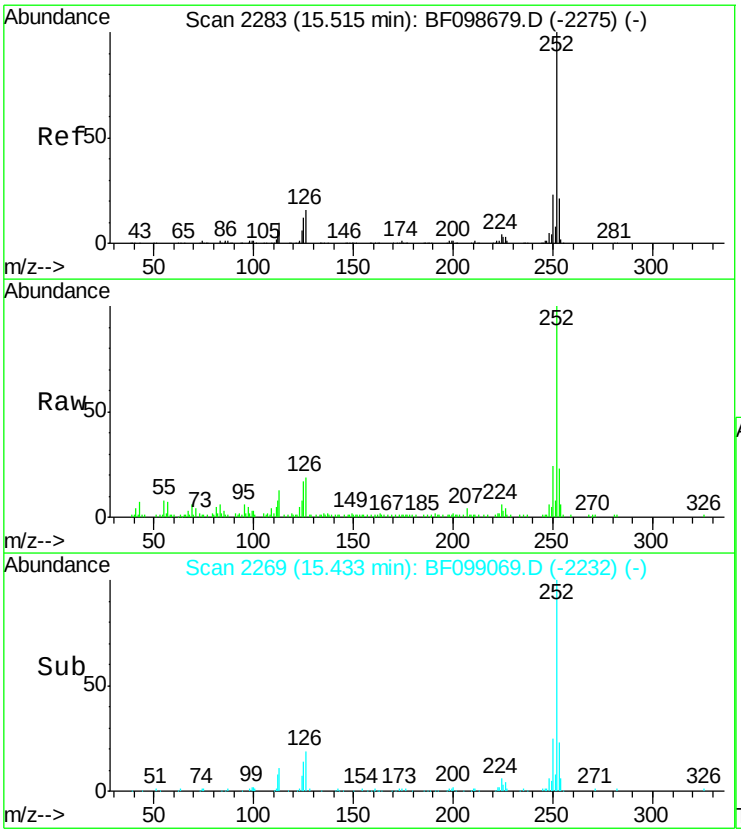
#88
Benzo(k)fluoranthene
Concen: 9.04 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.10 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 136394

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.7	10.2	15.2#

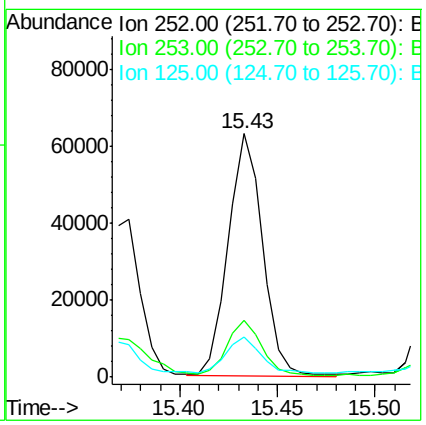


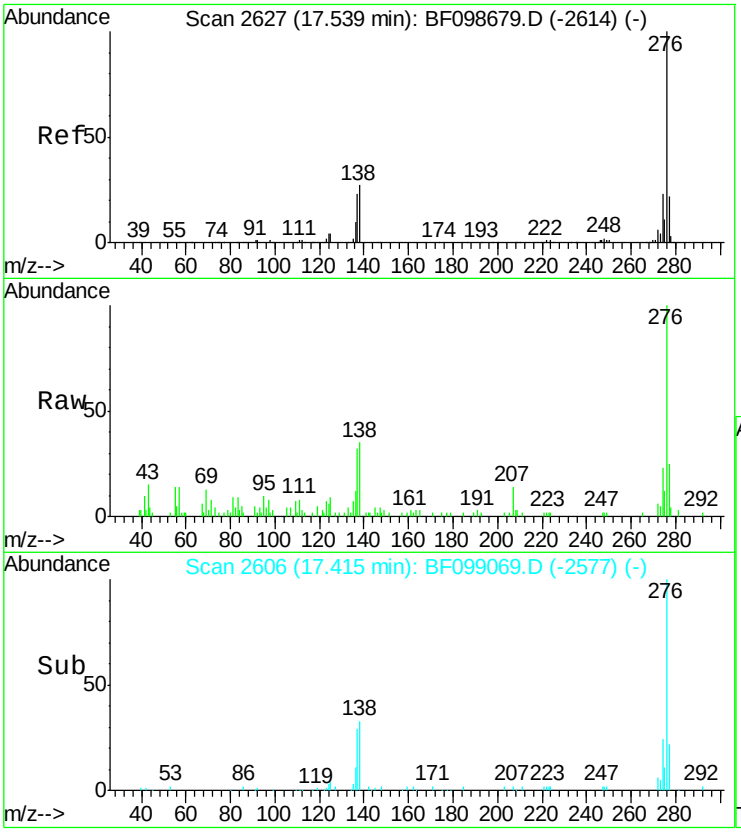


#89
Benzo(a)pyrene
Concen: 5.51 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Tgt Ion:252 Resp: 77229

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	16.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.06 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.13 min
Lab File: BF099069.D
Acq: 4 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45047

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	34.6	21.8	32.8#