Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098921.D
Acq On : 28 Sep 2017 21:59
Operator : SJ/JU
Sample : I5457-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 00:45:49 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	150690	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	575012	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	219025	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	302255	20.00	ng		0.00
75) Chrysene-d12	14.08	240	248484	20.00	ng		0.00
86) Perylene-d12	15.58	264	250772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	764925	80.81	ng		0.00
7) Phenol-d6	6.54	99	941998	80.67	ng		0.00
23) Nitrobenzene-d5	7.47	82	573781	63.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	135581	75.65	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	985972	75.15	ng		-0.01
78) Terphenyl-d14	13.02	244	608583	55.70	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.69	77	17308	2.56	ng		84
10) Phenol	6.55	94	26123	2.00	ng		93
19) n-Nitroso-di-n-propylamine	7.47	70	77480	10.39	ng	#	77
25) Isophorone	7.47	82	570191	30.76	ng	#	64
49) Dimethylphthalate	9.66	163	157722	9.54	ng		98
56) 2,4-Dinitrotoluene	9.95	165	29470	6.31	ng	#	23
66) 4-Bromophenyl-phenylether	10.74	248	8967	3.03	ng	#	1
70) Phenanthrene	11.46	178	234434	14.49	ng		100
71) Anthracene	11.52	178	63833	3.86	ng		97
74) Fluoranthene	12.66	202	383763	23.42	ng		97
77) Pyrene	12.89	202	346108	18.27	ng		98
79) Butylbenzylphthalate	13.49	149	29051	3.26	ng		93
80) Benzo(a)anthracene	14.07	228	196950	13.09	ng		94
82) Chrysene	14.11	228	179400	12.52	ng		97
85) Indeno(1,2,3-cd)pyrene	17.09	276	86006	7.51	ng		99
87) Benzo(b)fluoranthene	15.14	252	332522	21.57	ng	#	95
88) Benzo(k)fluoranthene	15.14	252	332522	21.83	ng	#	97
89) Benzo(a)pyrene	15.52	252	170027	12.01	ng	#	94
91) Benzo(g,h,i)perylene	17.55	276	80333	7.18	ng		92

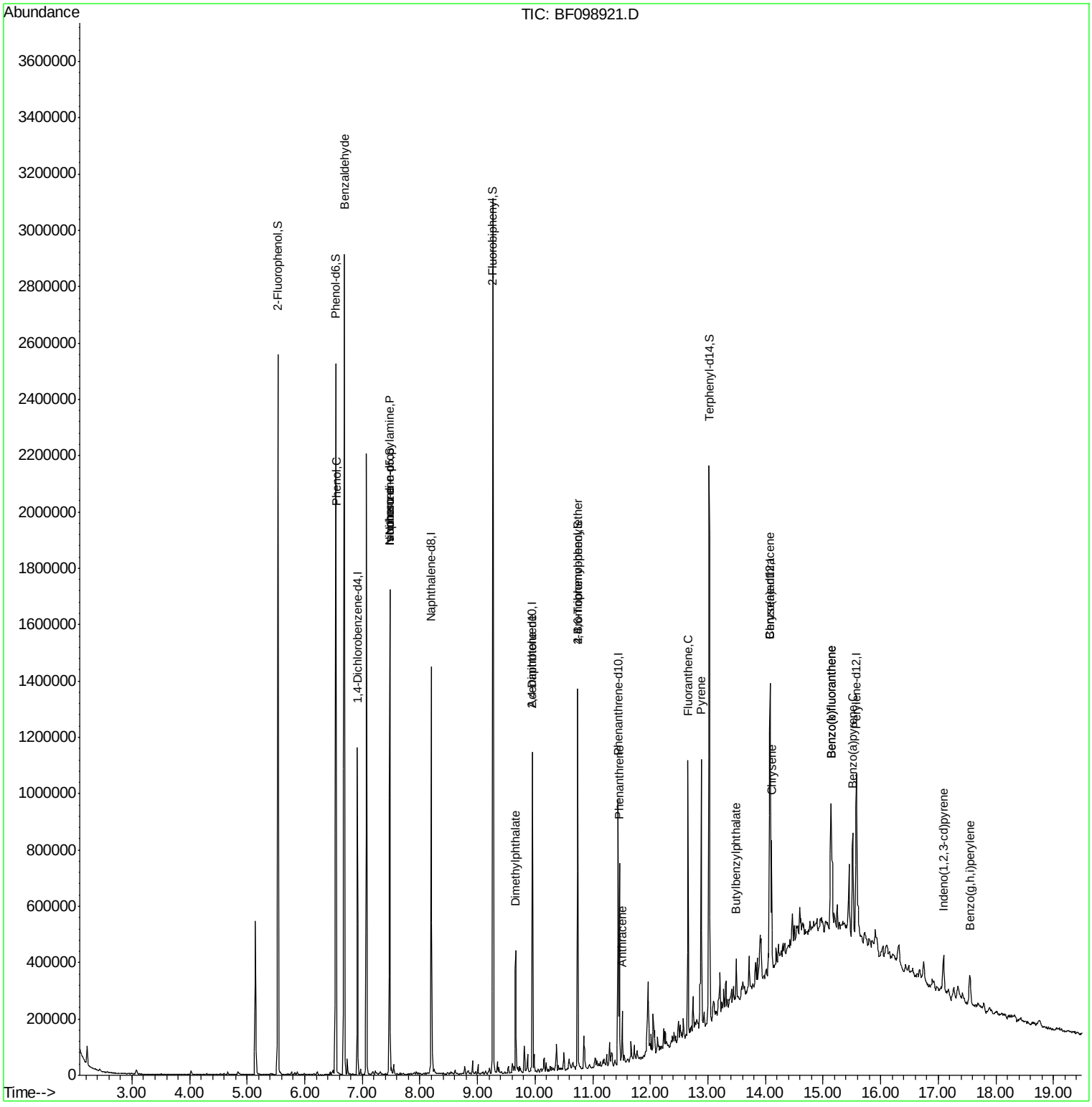
(#) = qualifier out of range (m) = manual integration (+) = signals summed

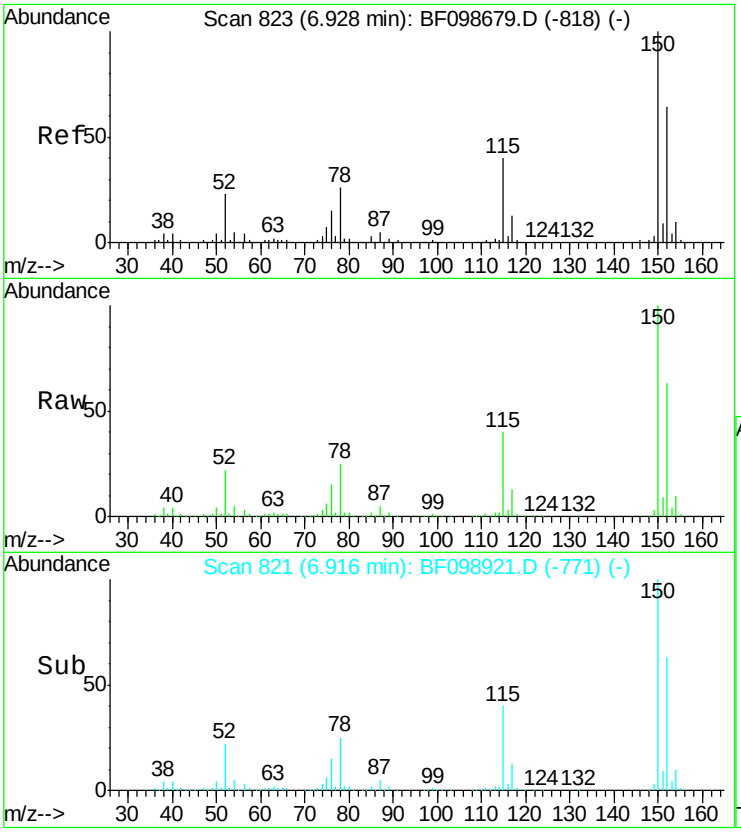
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098921.D
Acq On : 28 Sep 2017 21:59
Operator : SJ/JU
Sample : I5457-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 00:45:49 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



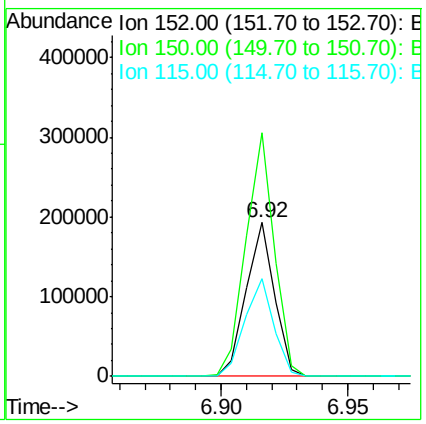


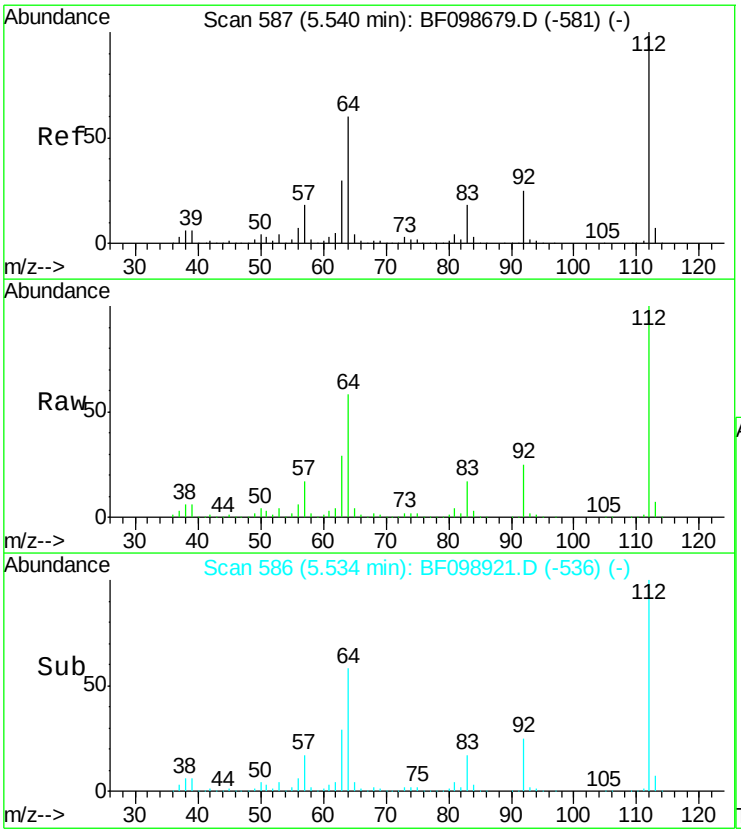
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150690

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	64.0	50.1	75.1

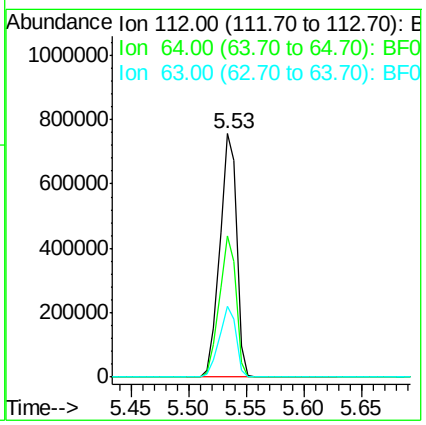


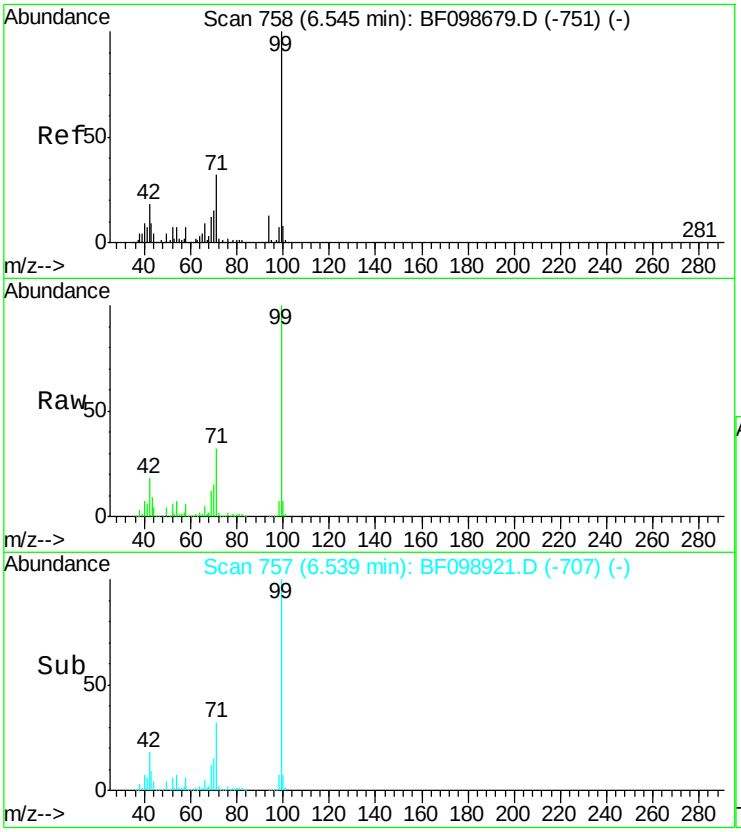


#5
2-Fluorophenol
Concen: 80.81 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:112 Resp: 764925

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.0	23.7	35.5



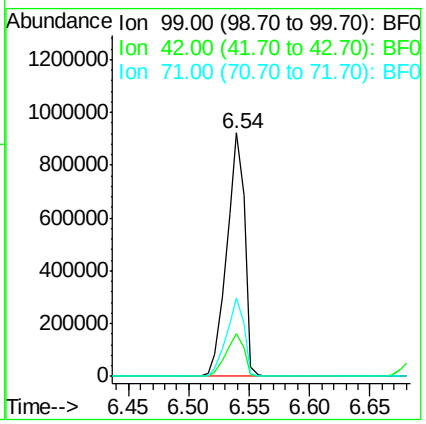


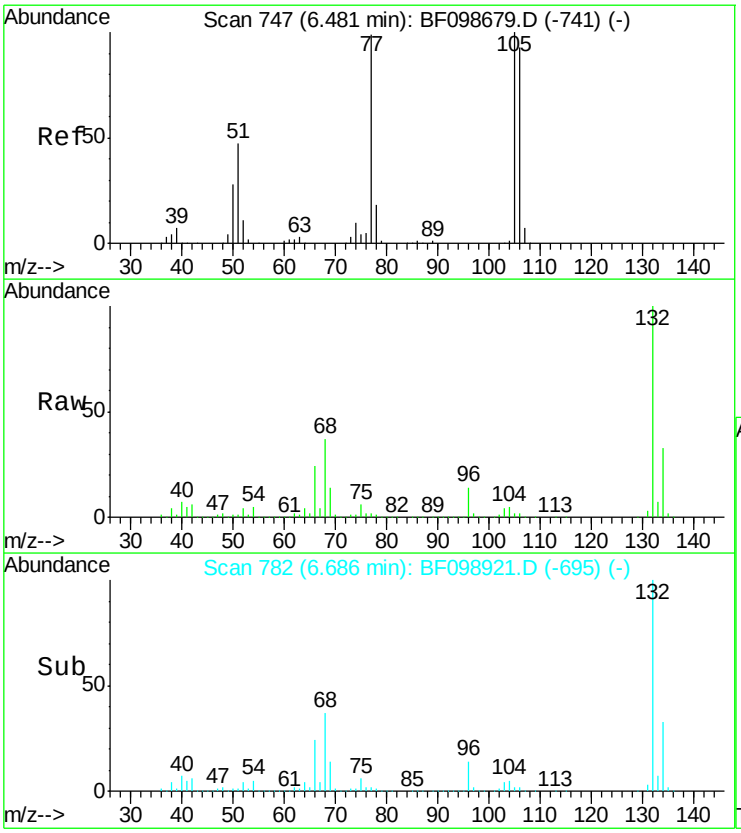
#7
Phenol-d6
Concen: 80.67 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 941998

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	32.2	25.4	38.0

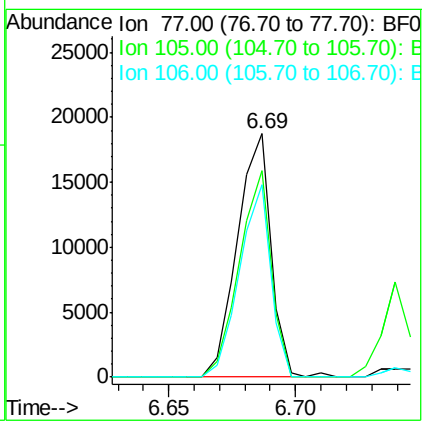


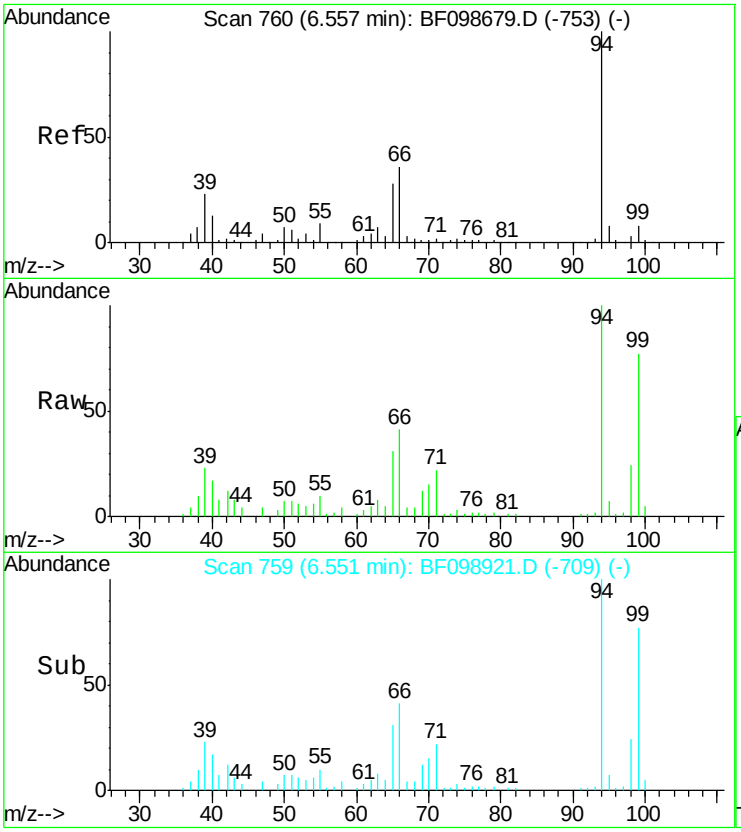


#9
Benzaldehyde
Concen: 2.56 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.21 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion: 77 Resp: 17308

Ion	Ratio	Lower	Upper
77	100		
105	84.7	81.1	121.1
106	79.1	74.5	114.5



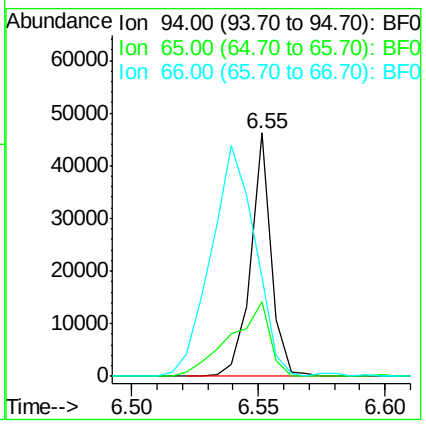


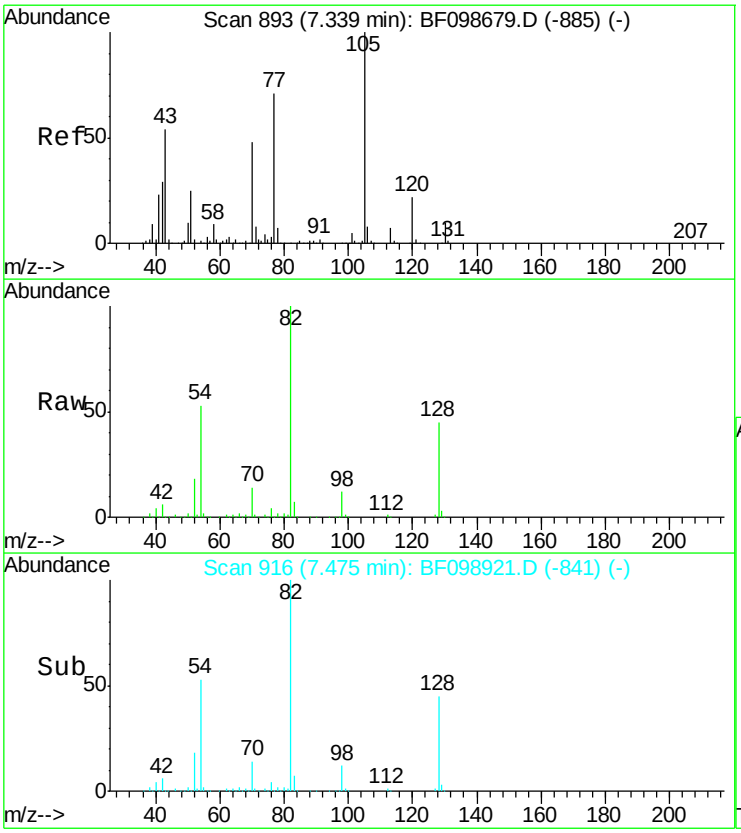
#10
Phenol
Concen: 2.00 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 26123

Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	40.7	16.2	56.2

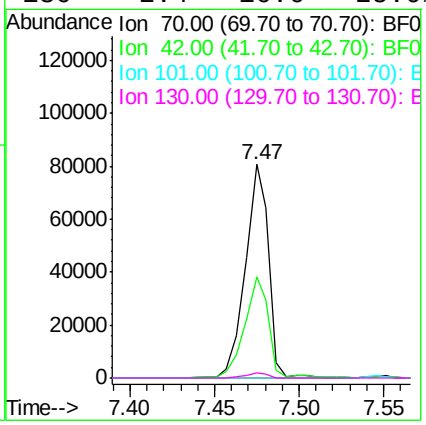


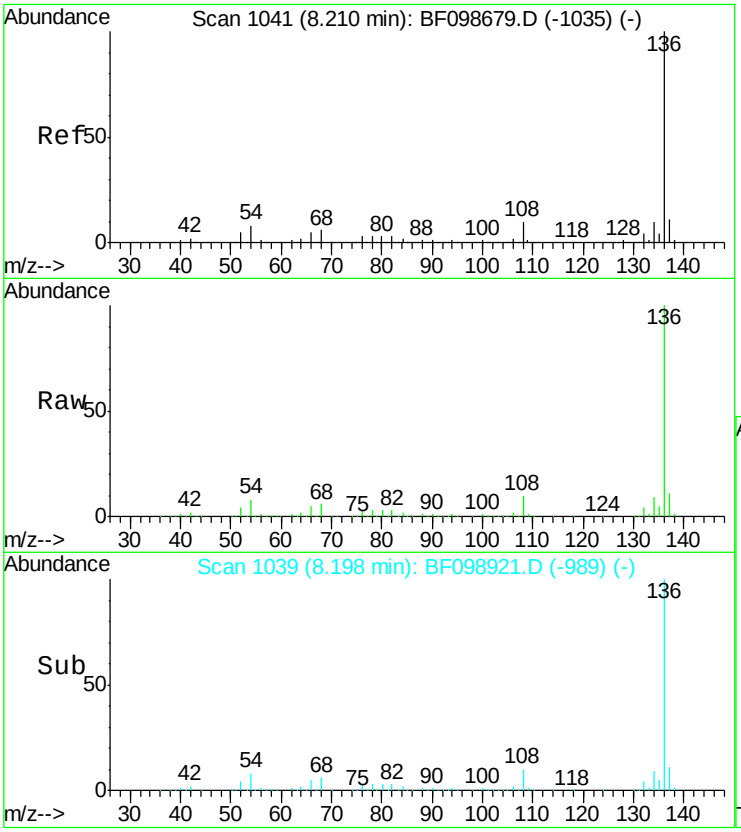


#19
n-Nitroso-di-n-propylamine
Concen: 10.39 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion: 70 Resp: 77480

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



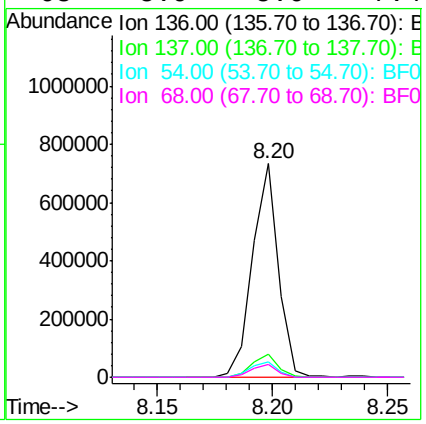


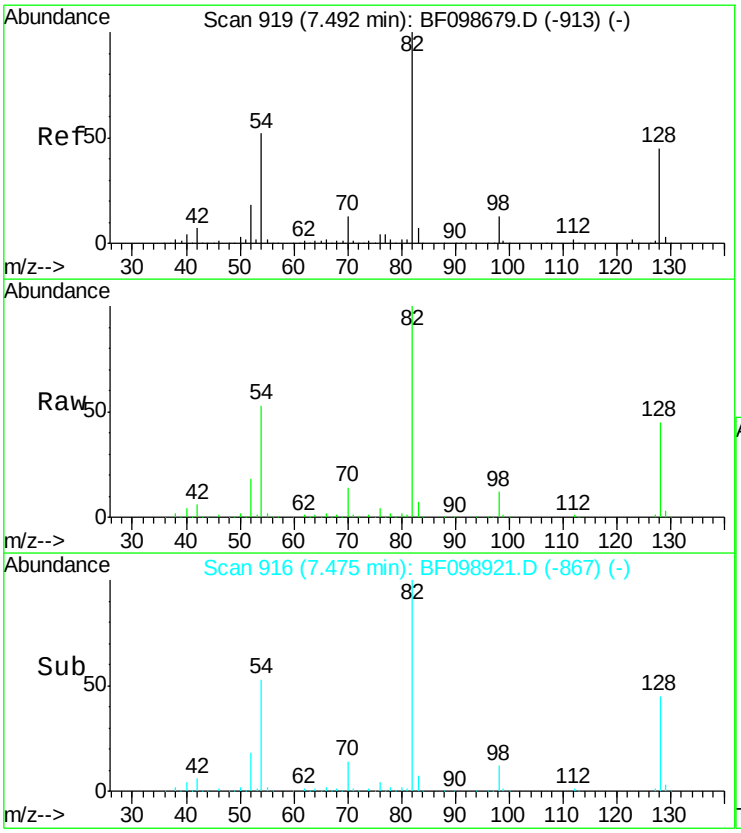
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 575012

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4

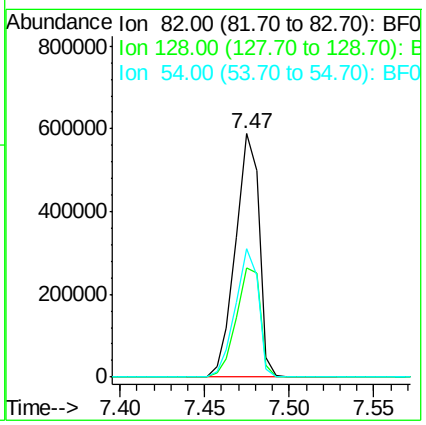


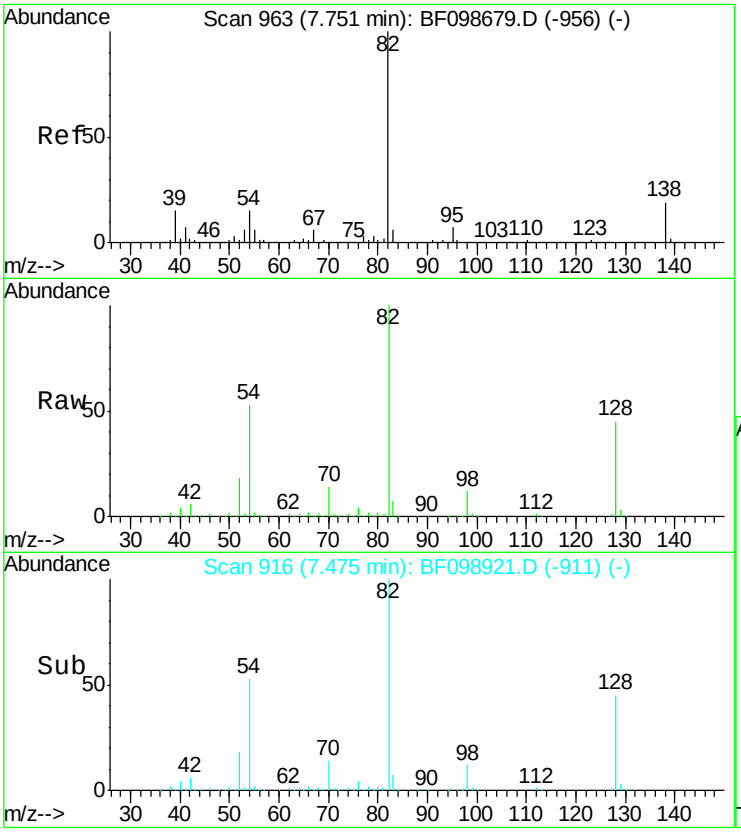


#23
Nitrobenzene-d5
Concen: 63.99 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion: 82 Resp: 573781

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	52.5	41.4	62.2



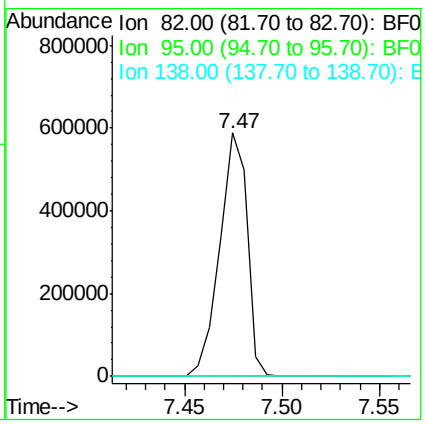


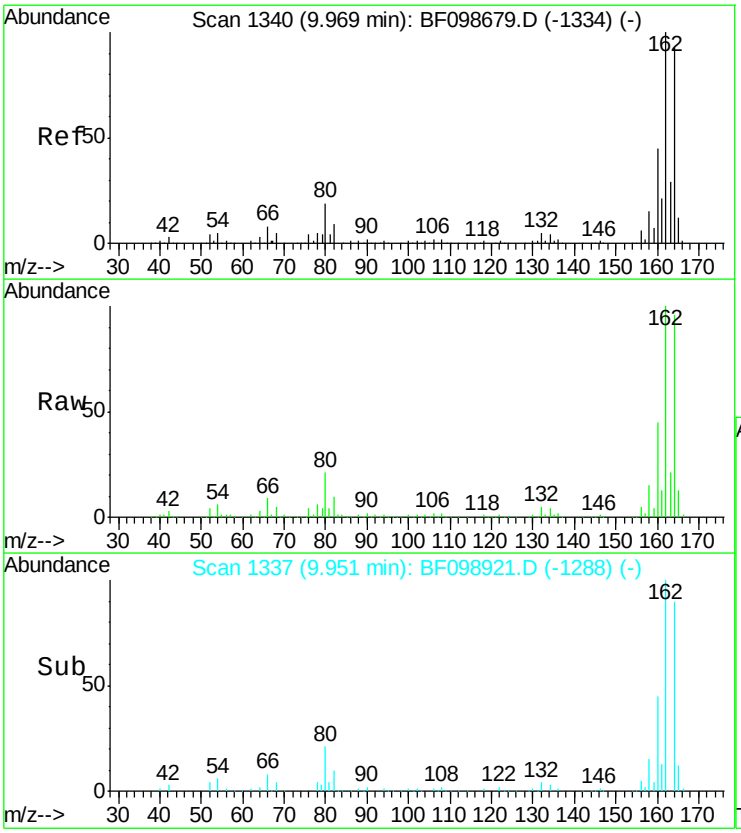
#25
Isophorone
Concen: 30.76 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 570191

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

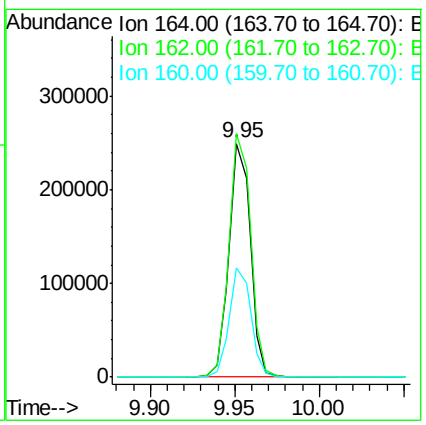


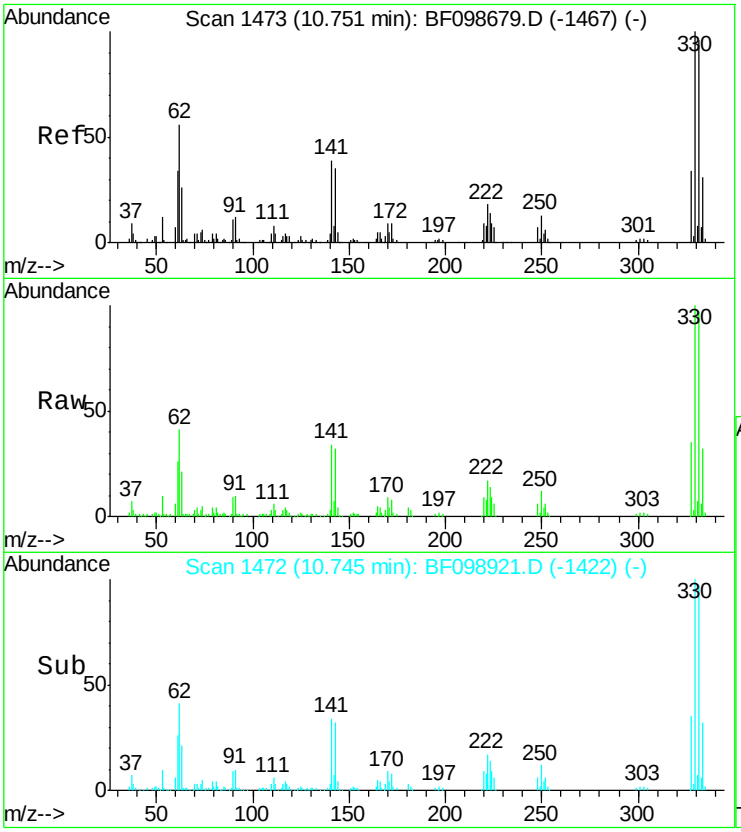


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:164 Resp: 219025

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.5	38.3	57.5



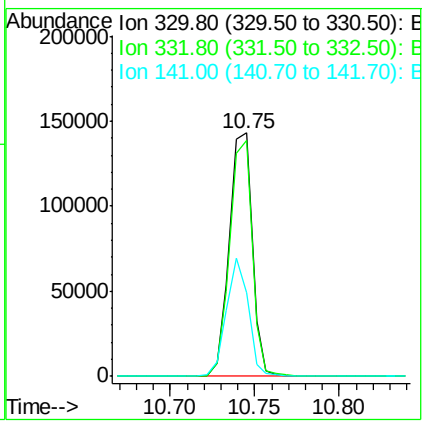


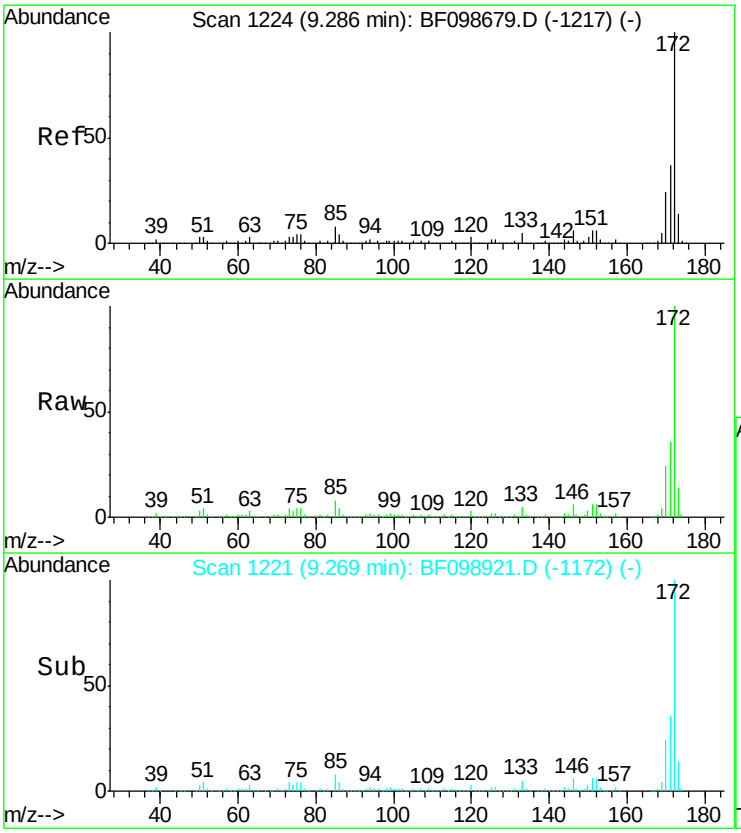
#41
2,4,6-Tribromophenol
Concen: 75.65 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 135581

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	46.7	29.9	44.9#

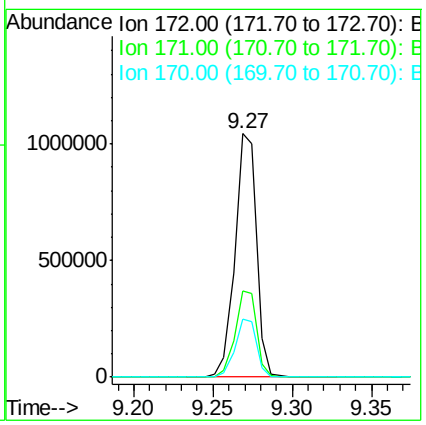


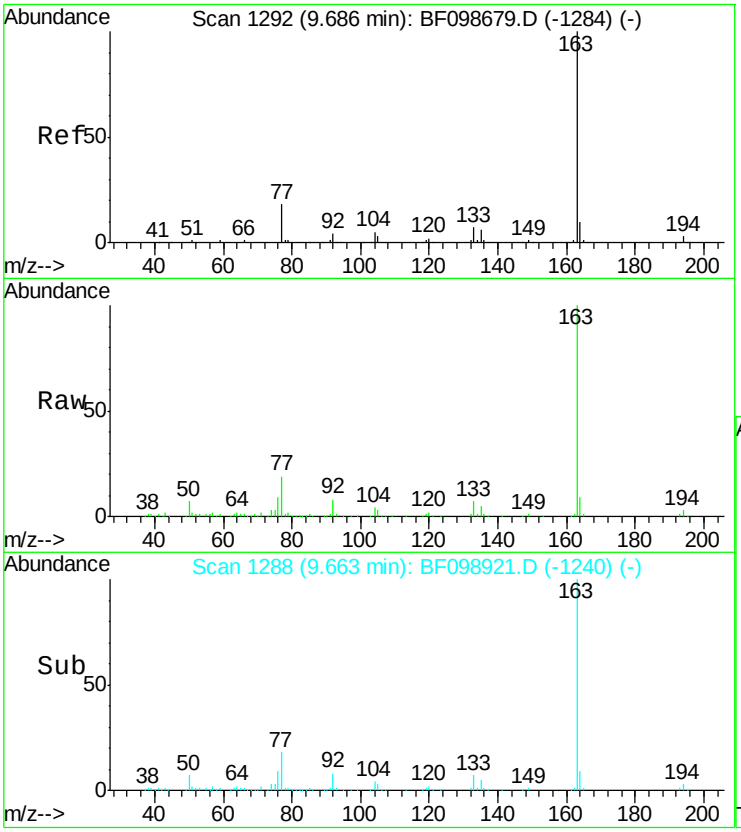


#44
2-Fluorobiphenyl
Concen: 75.15 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:172 Resp: 985972

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4



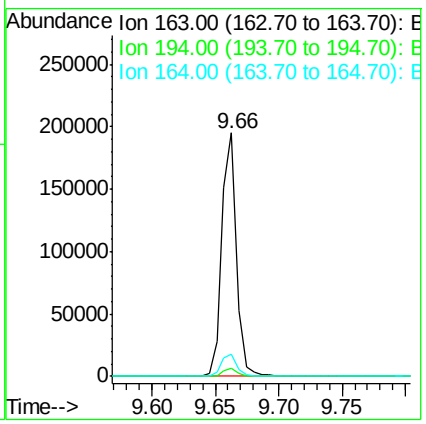


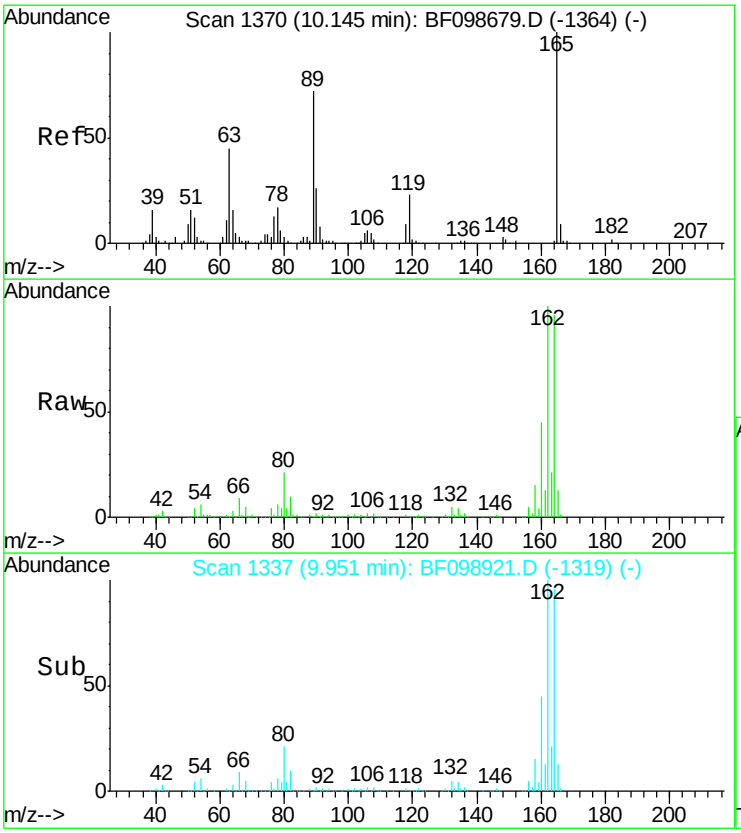
#49
Dimethylphthalate
Concen: 9.54 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 157722

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.3	8.2	12.2

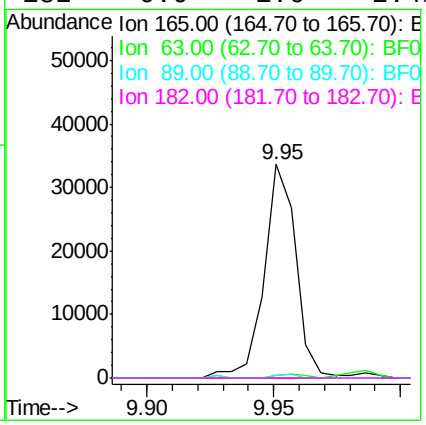


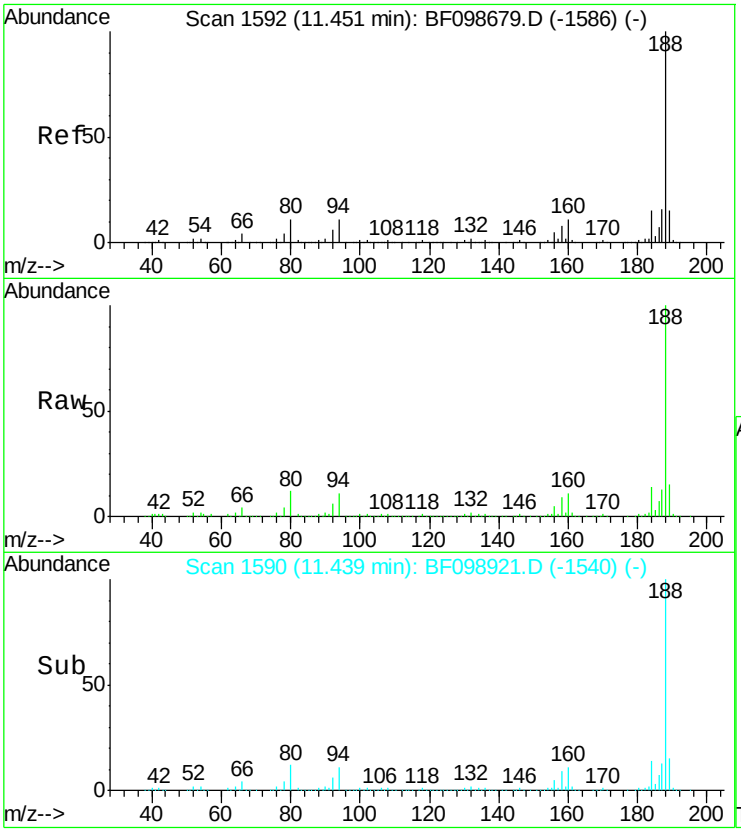


#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:165 Resp: 29470

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



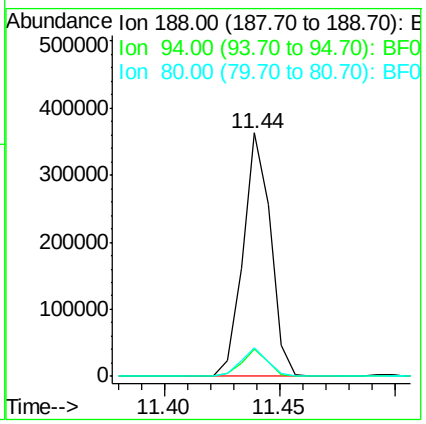


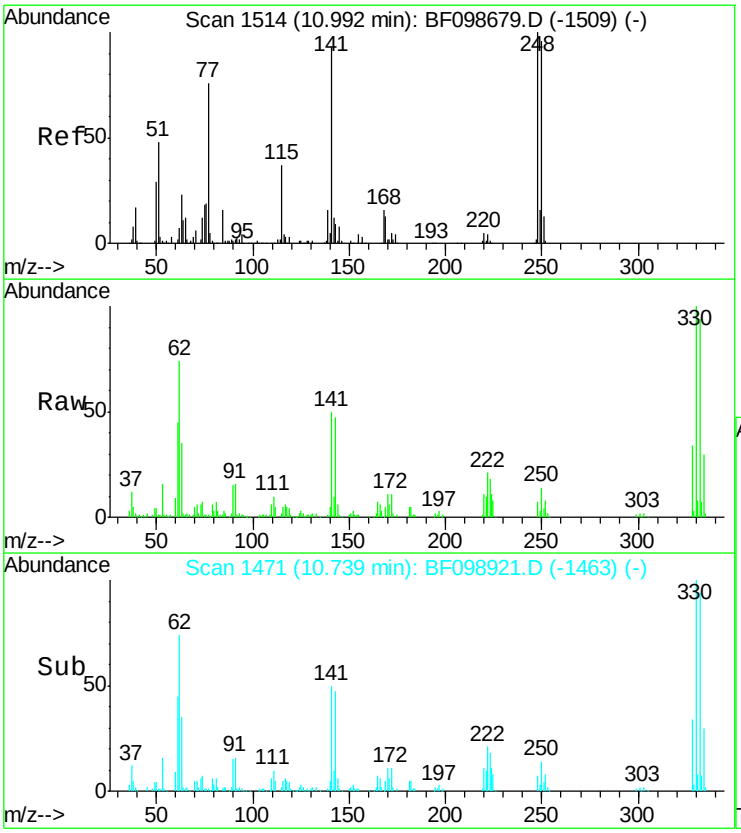
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 302255

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.6	9.2	13.8

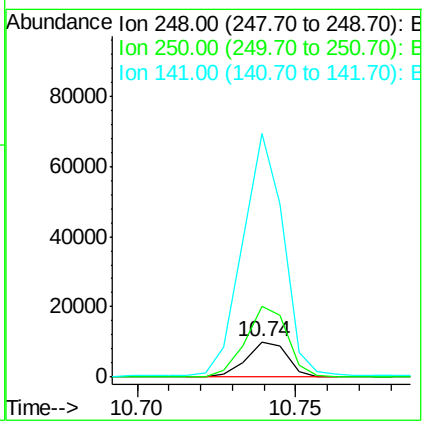


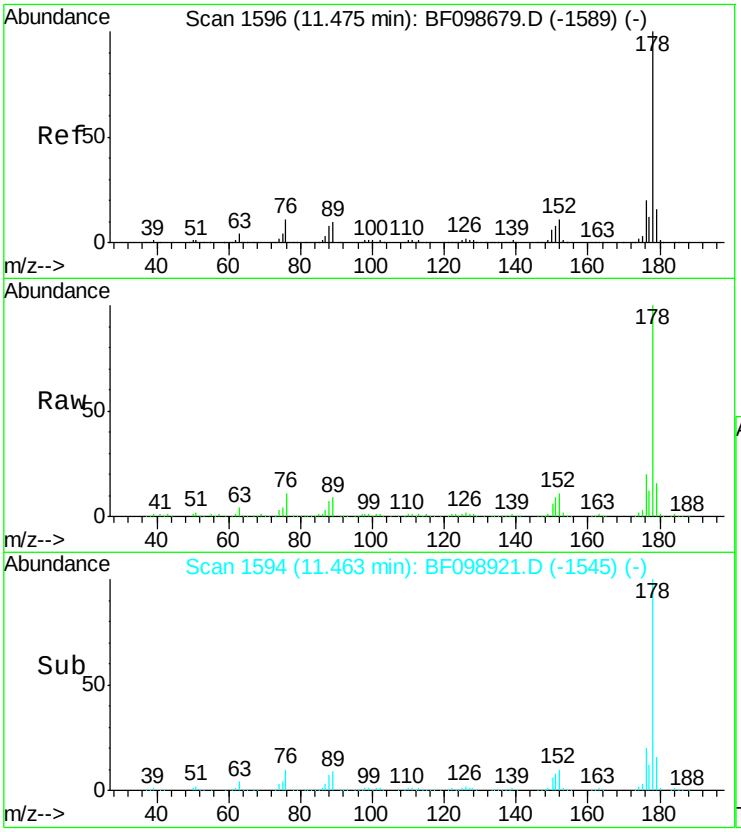


#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:248 Resp: 8967

Ion	Ratio	Lower	Upper
248	100		
250	200.1	76.9	115.3#
141	691.2	74.4	111.6#



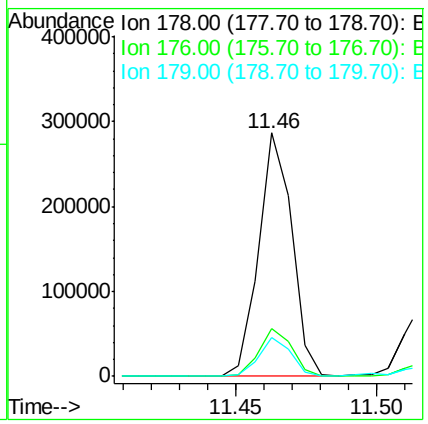


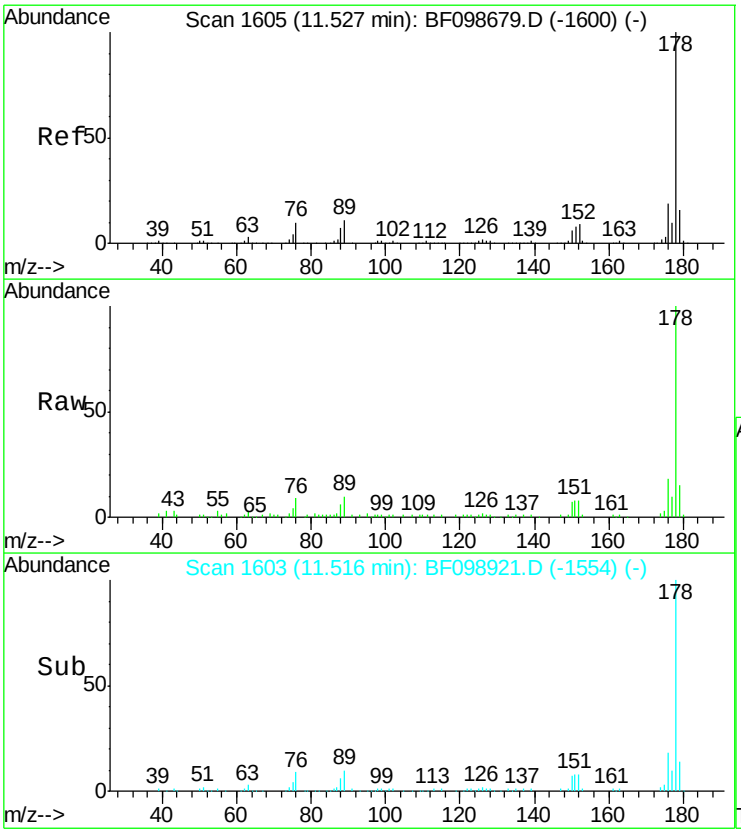
#70
Phenanthrene
Concen: 14.49 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 234434

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.0	13.0	19.6

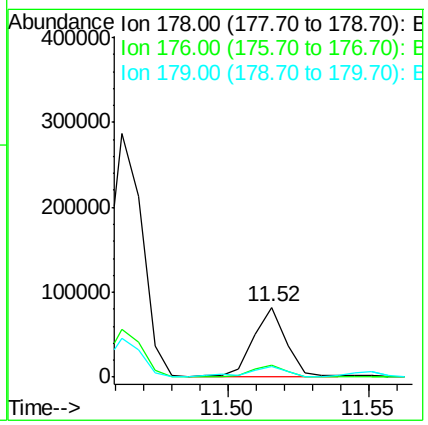


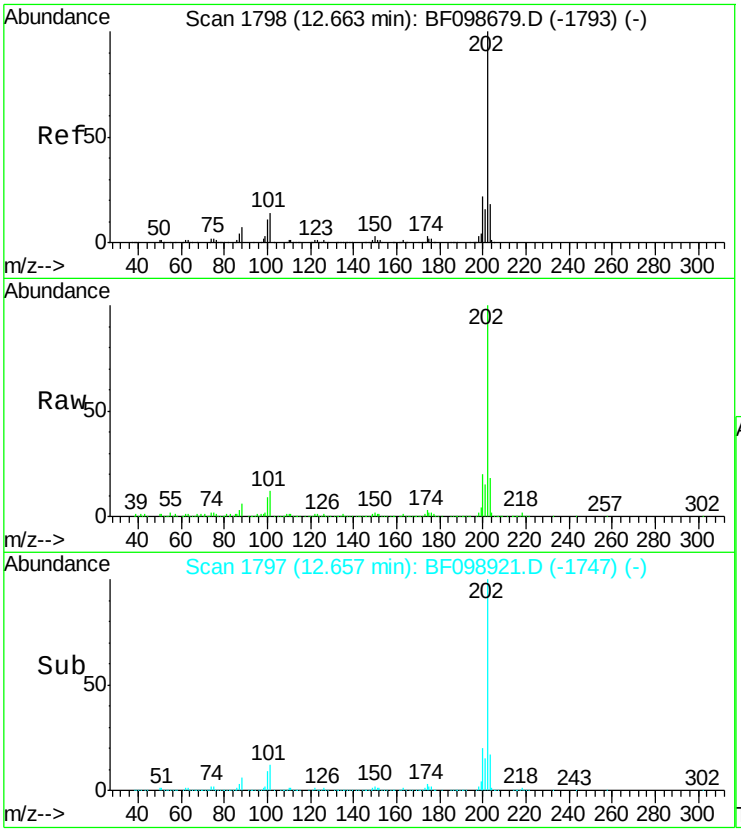


#71
Anthracene
Concen: 3.86 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:178 Resp: 63833

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.6	12.6	19.0



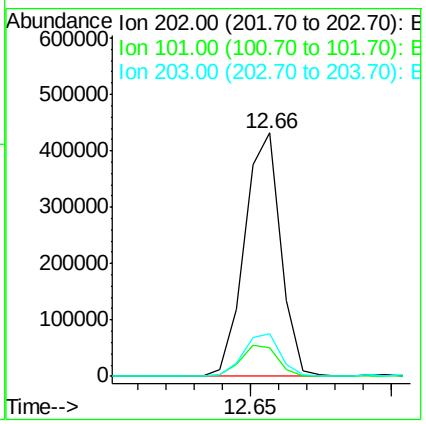


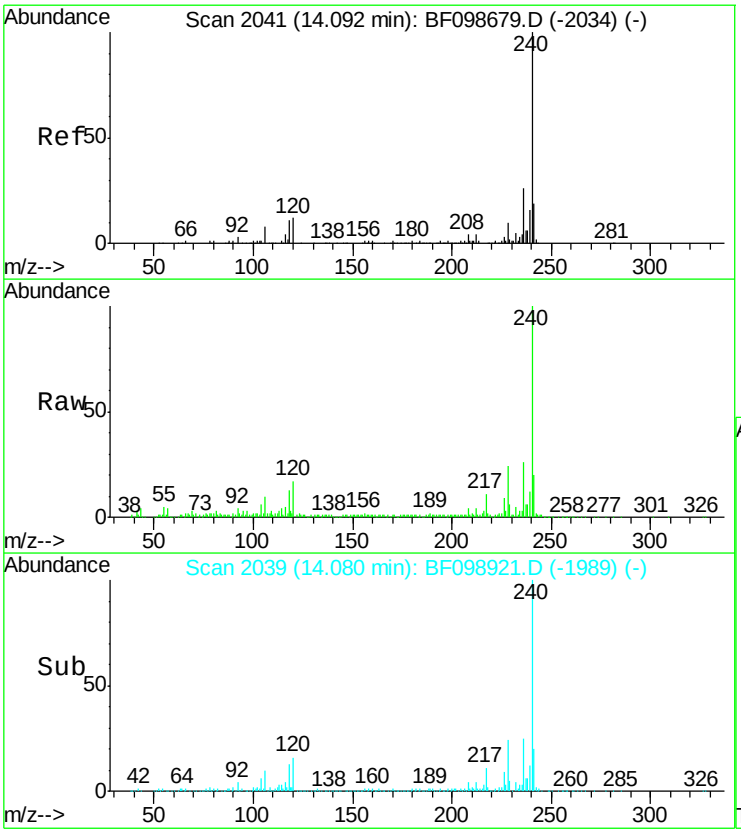
#74
Fluoranthene
Concen: 23.42 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 383763

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.5	0.0	38.1

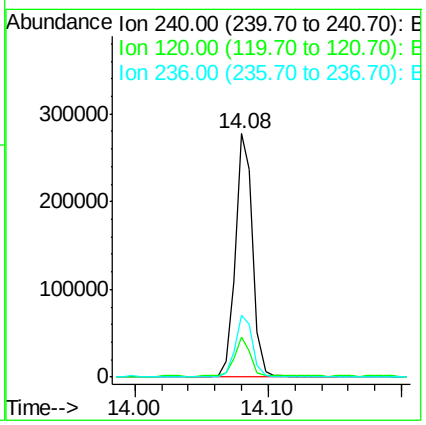


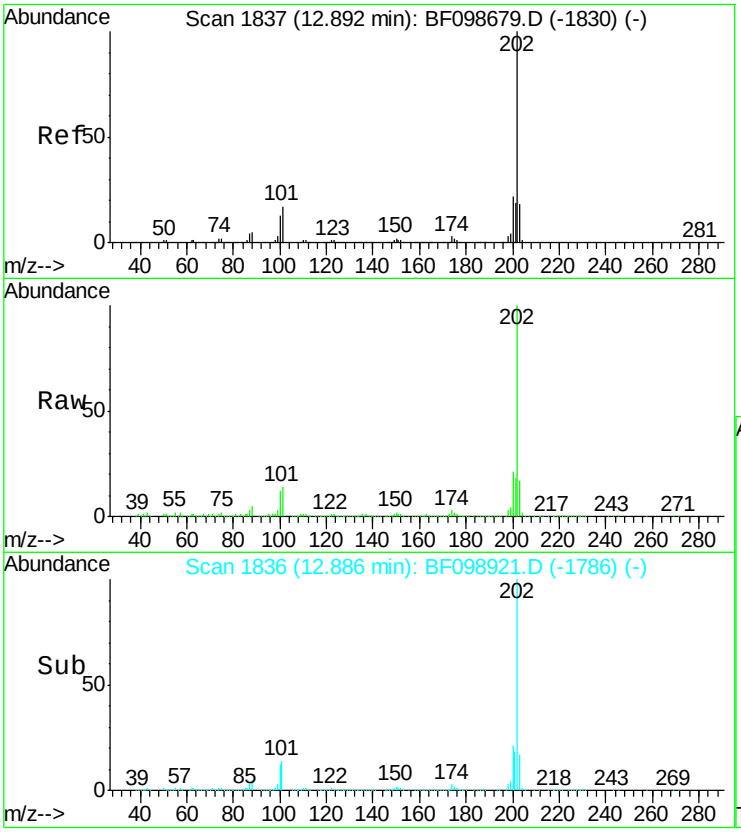


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:240 Resp: 248484

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	25.6	20.7	31.1



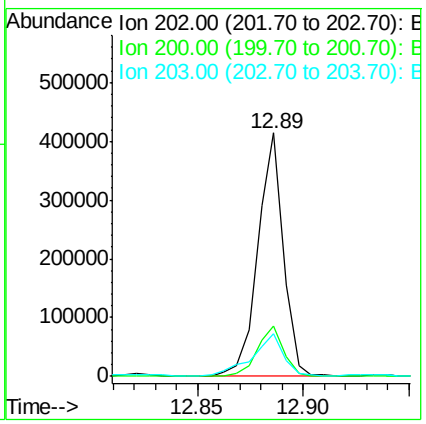


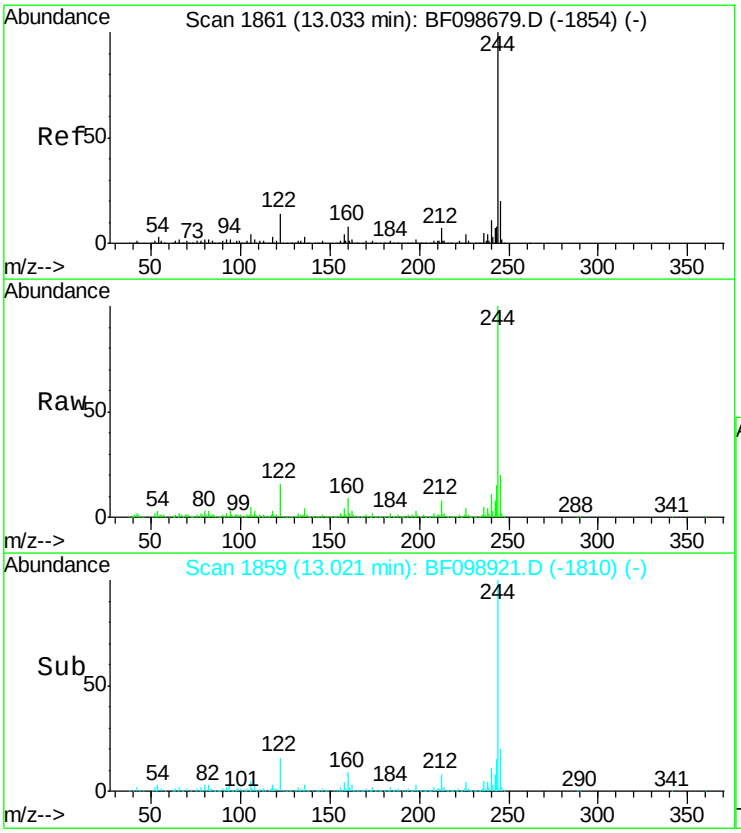
#77
Pyrene
Concen: 18.27 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 346108

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.4	14.3	21.5

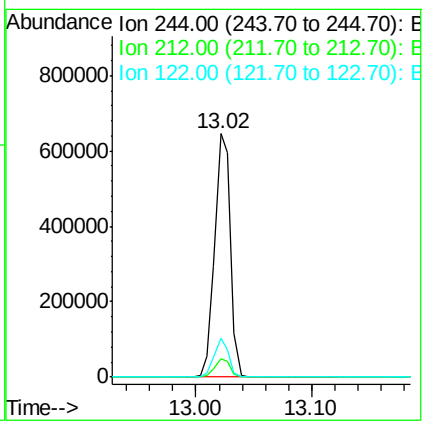


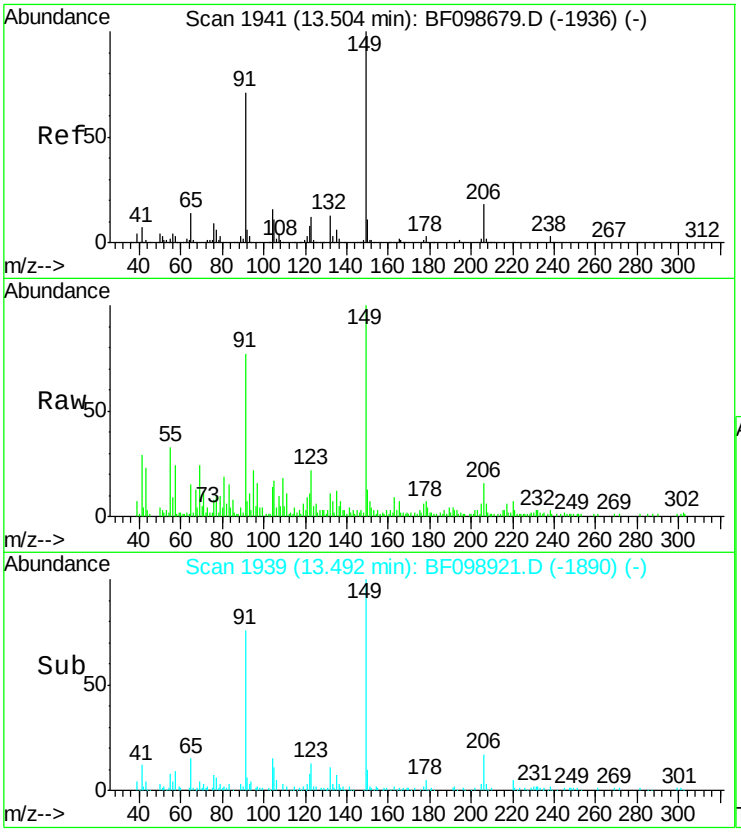


#78
Terphenyl-d14
Concen: 55.70 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:244 Resp: 608583

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	15.9	11.0	16.4



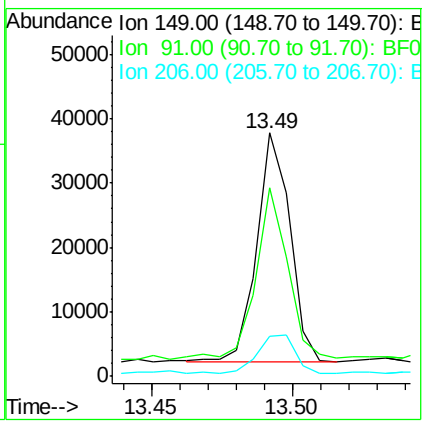


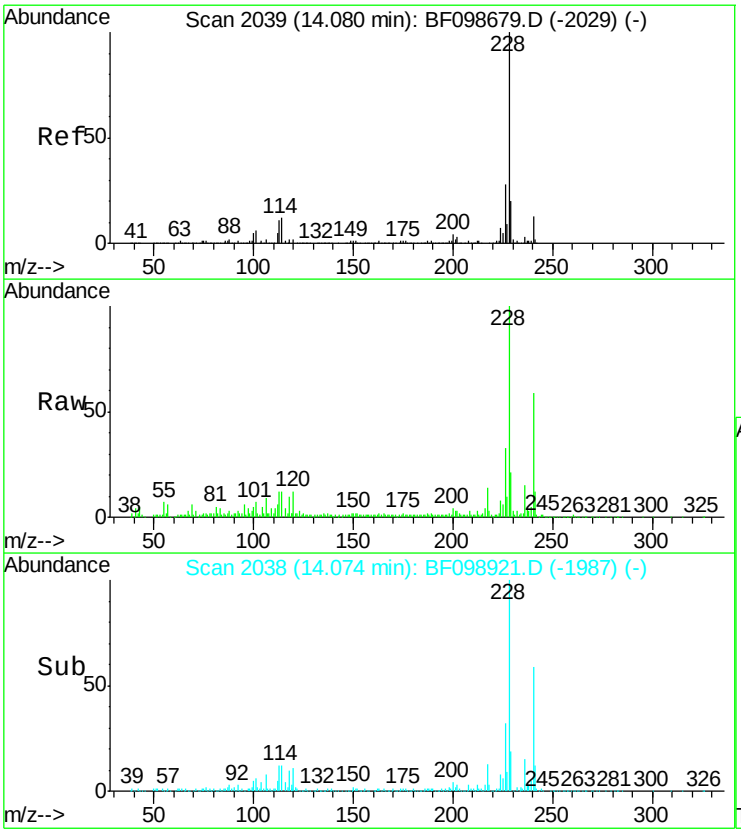
#79
Butylbenzylphthalate
Concen: 3.26 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 29051

Ion	Ratio	Lower	Upper
149	100		
91	77.4	56.8	85.2
206	16.4	14.1	21.1

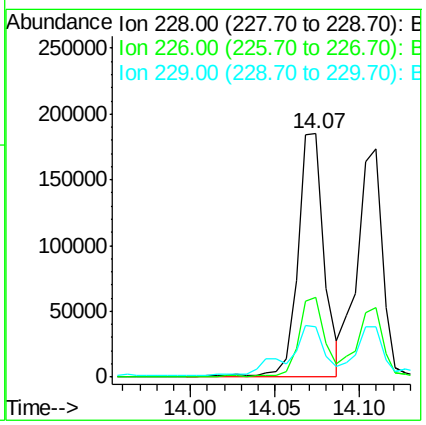


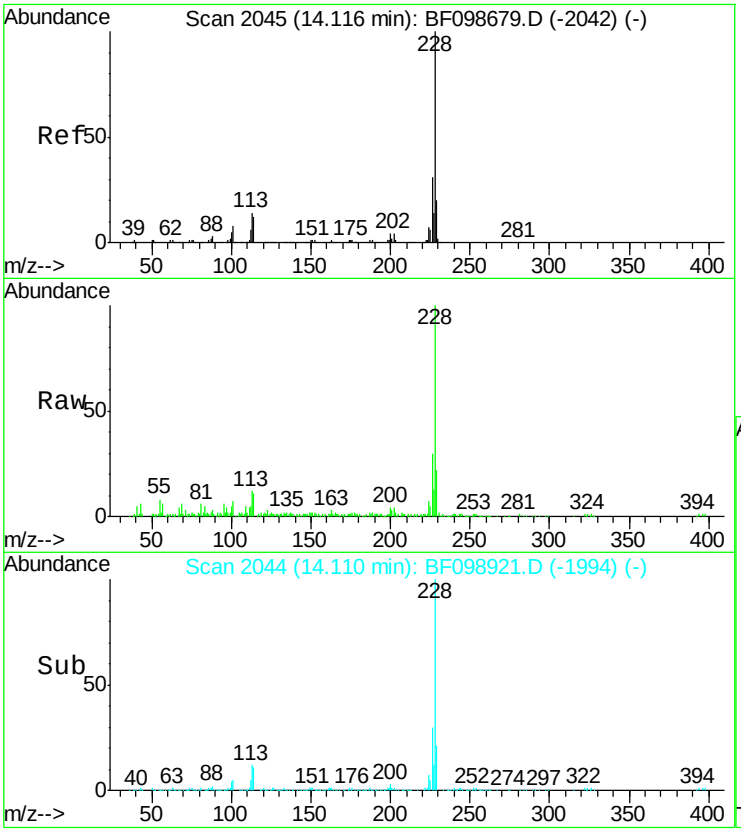


#80
Benzo(a)anthracene
Concen: 13.09 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:228 Resp: 196950

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	20.6	15.8	23.6



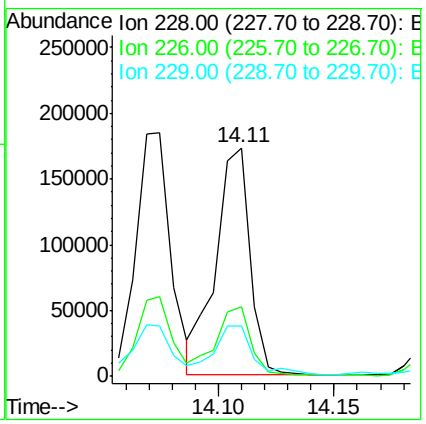


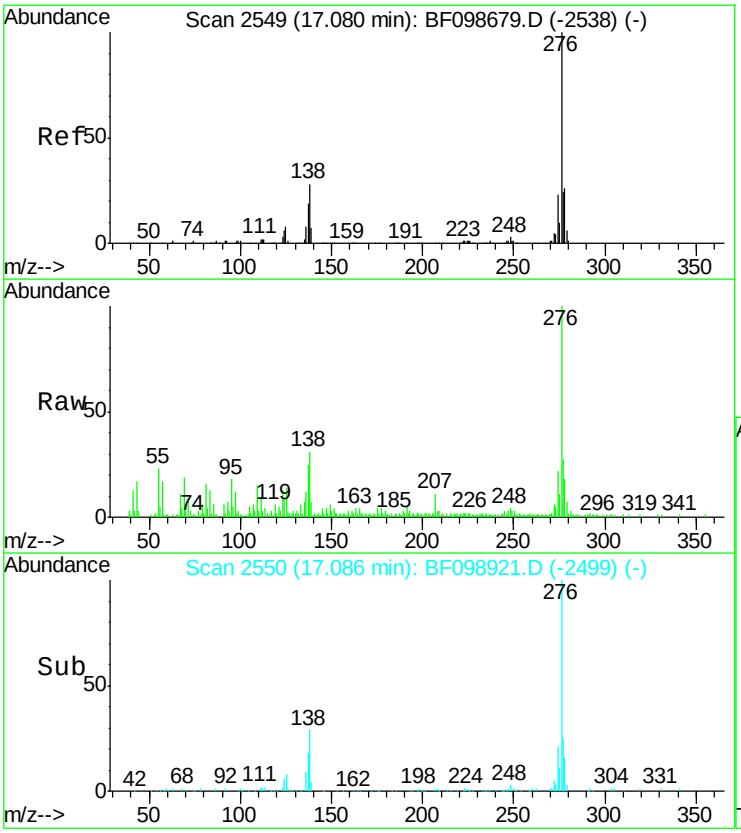
#82
Chrysene
Concen: 12.52 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 179400

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.2	16.2	24.4

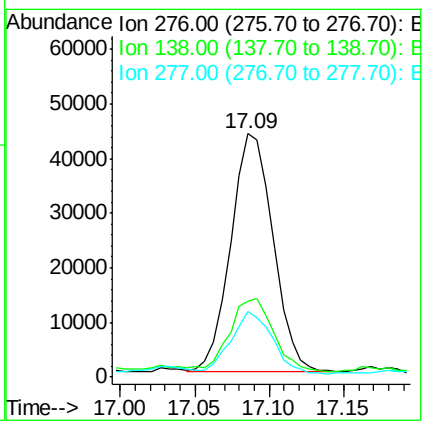


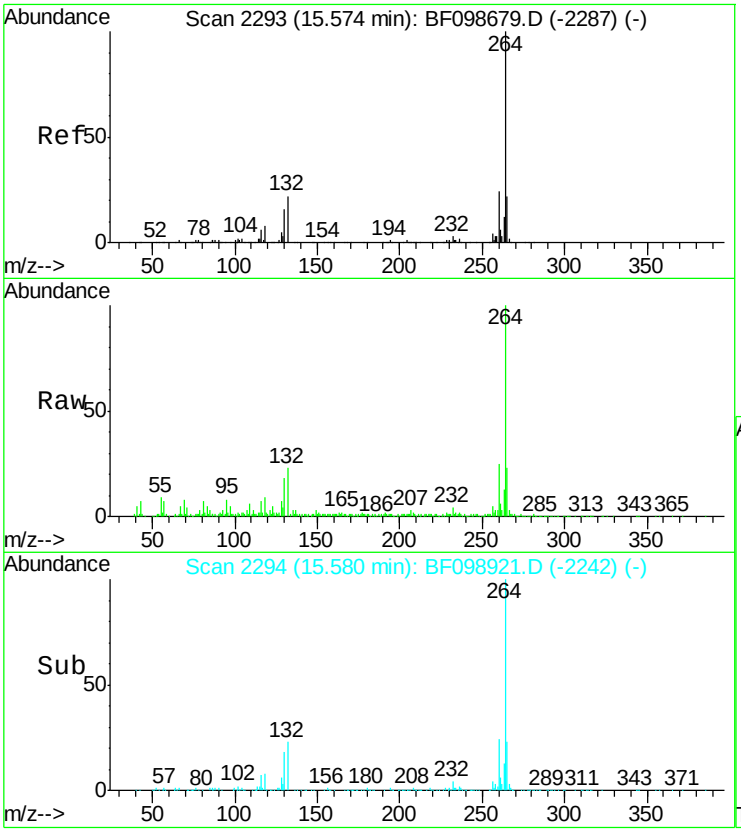


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.51 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:276 Resp: 86006

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.0	37.6
277	25.0	20.1	30.1



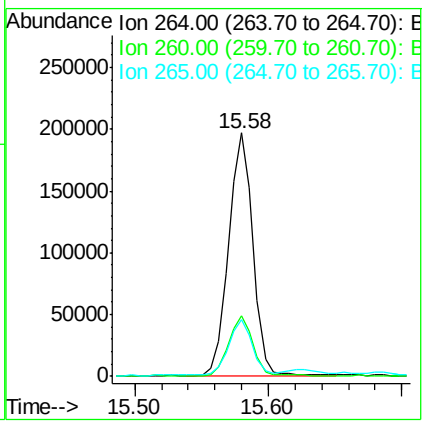


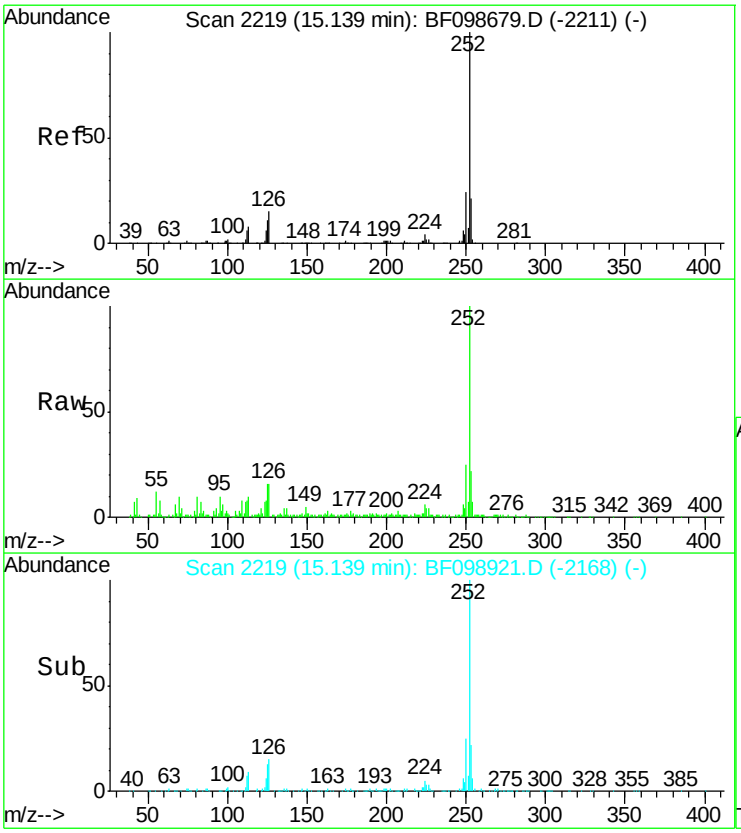
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 250772

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.4	17.5	26.3

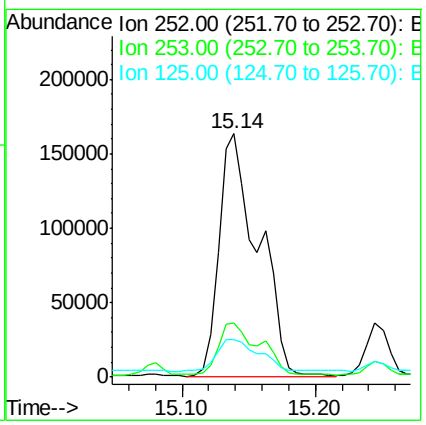


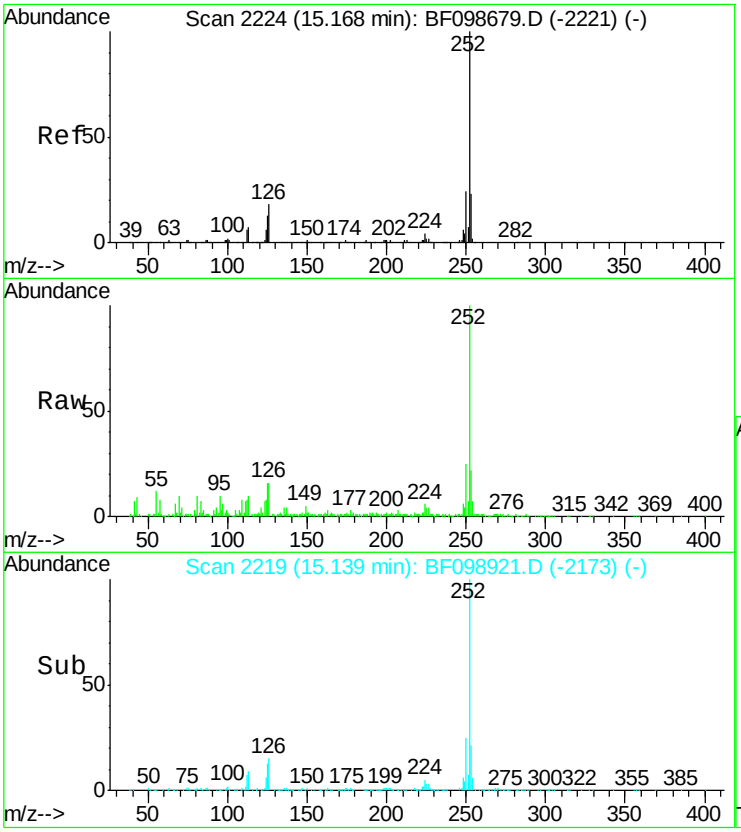


#87
Benzo(b)fluoranthene
Concen: 21.57 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:252 Resp: 332522

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	15.6	9.0	13.6#



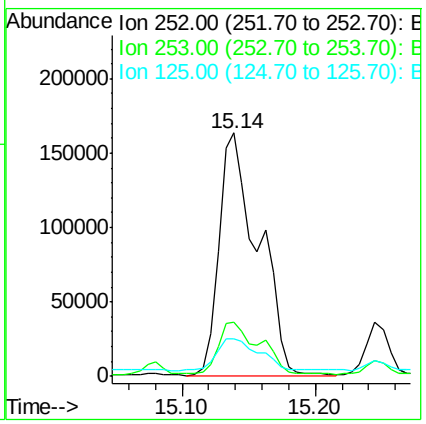


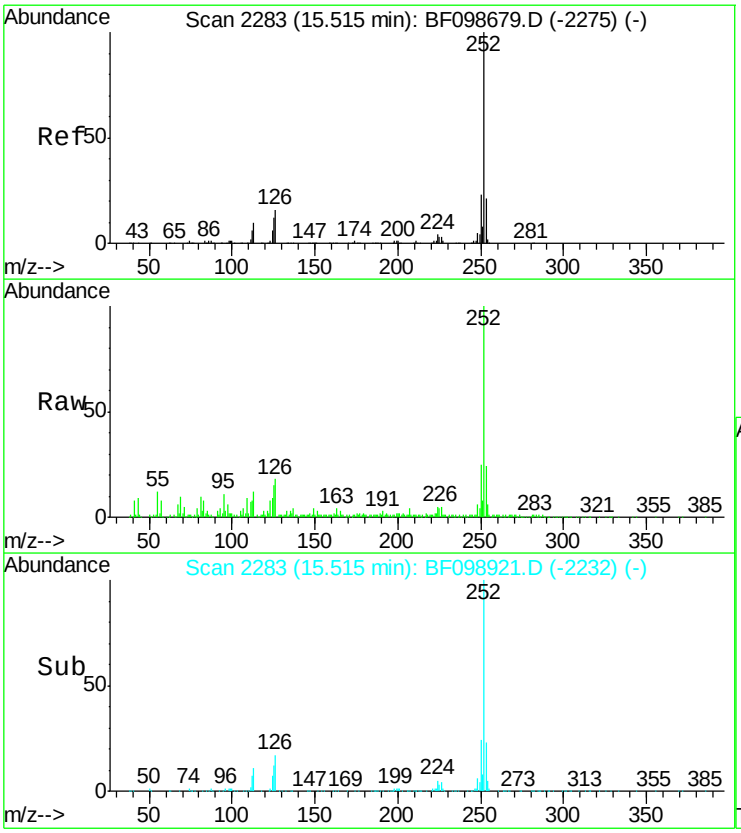
#88
Benzo(k)fluoranthene
Concen: 21.83 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 332522

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.6	10.2	15.2#

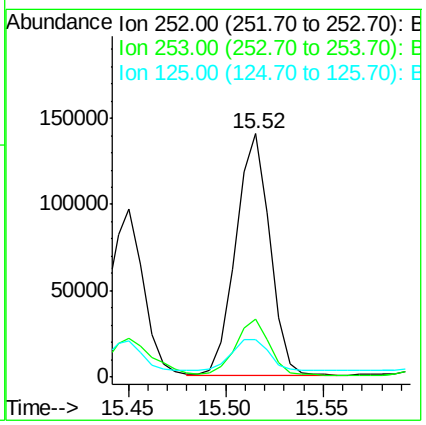


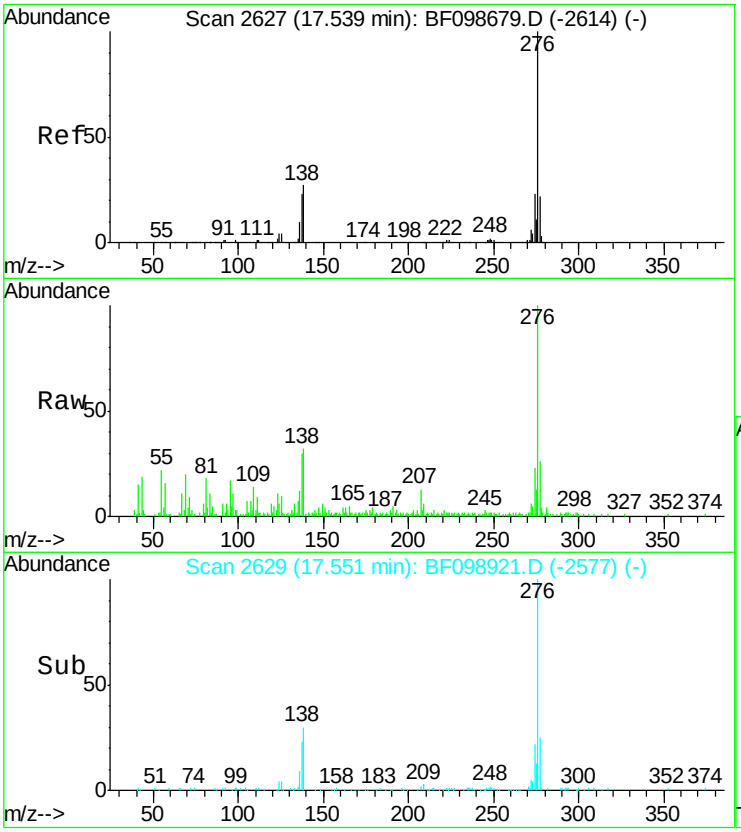


#89
Benzo(a)pyrene
Concen: 12.01 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:252 Resp: 170027

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	15.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.18 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 80333

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	32.2	21.8	32.8