Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
Data File : BF098995.D
Acq On : 1 Oct 2017 16:40
Operator : SJ/JU
Sample : I5563-05DL 500X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5DL

Quant Time: Oct 02 00:55:08 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	6.90	152	135881	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	578071	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	268754	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	474368	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	280883	20.00	ng		-0.02
86) Perylene-d12	15.56	264	224850	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1910	0.22	ng		-0.03
7) Phenol-d6	6.52	99	2641	0.25	ng		-0.03
23) Nitrobenzene-d5	7.46	82	1937	0.21	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	525	0.24	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	4305	0.27	ng		-0.02
78) Terphenyl-d14	13.01	244	3930	0.32	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.21	128	2072790	76.35	ng		99
33) 4-Chloroaniline	8.21	127	283586	25.01	ng	#	33
35) Caprolactam	8.90	113	8975	3.51	ng	#	1
37) 2-Methylnaphthalene	8.90	142	404196	22.90	ng		99
45) 1,1'-Biphenyl	9.36	154	114852	4.97	ng		98
50) 2,6-Dinitrotoluene	9.95	165	45162	10.23	ng	#	26
51) Acenaphthene	9.97	154	405392	24.11	ng		98
54) Dibenzofuran	10.15	168	382954	17.10	ng		99
55) 4-Nitrophenol	10.15	139	148057	34.01	ng	#	10
57) Fluorene	10.49	166	363414	20.19	ng		98
70) Phenanthrene	11.46	178	1372648	54.06	ng		99
71) Anthracene	11.51	178	508676	19.58	ng		98
72) Carbazole	11.66	167	127770	5.02	ng		98
74) Fluoranthene	12.65	202	918889	35.74	ng		99
77) Pyrene	12.87	202	739806	34.54	ng		100
80) Benzo(a)anthracene	14.10	228	189330	11.13	ng		96
82) Chrysene	14.10	228	189330	11.69	ng		97
85) Indeno(1,2,3-cd)pyrene	17.06	276	77314	5.97	ng		97
87) Benzo(b)fluoranthene	15.12	252	255463	18.48	ng	#	95
88) Benzo(k)fluoranthene	15.12	252	255463	18.71	ng		98
89) Benzo(a)pyrene	15.49	252	154126	12.15	ng	#	97
91) Benzo(g,h,i)perylene	17.52	276	72133	7.19	ng		93

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

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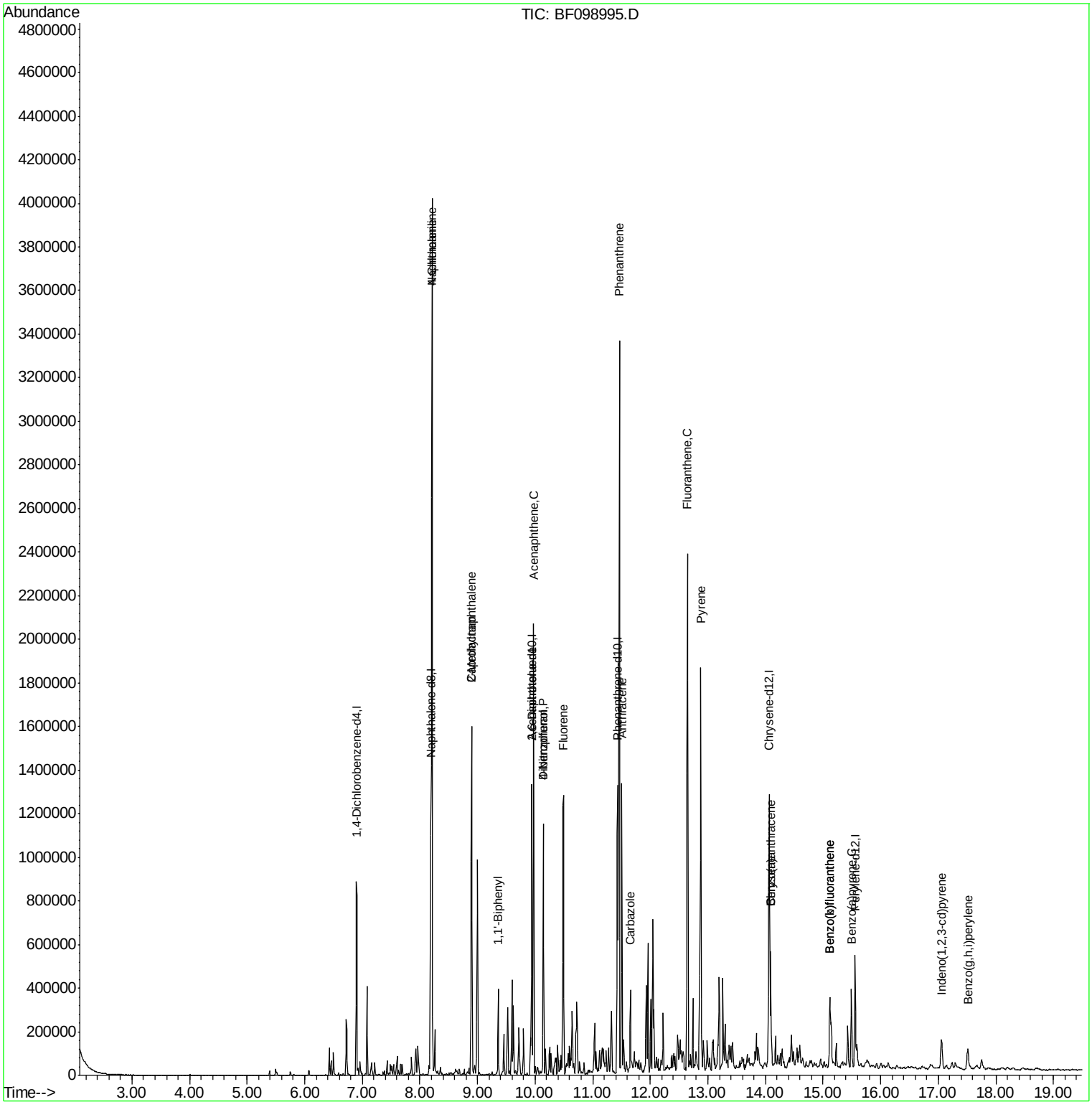
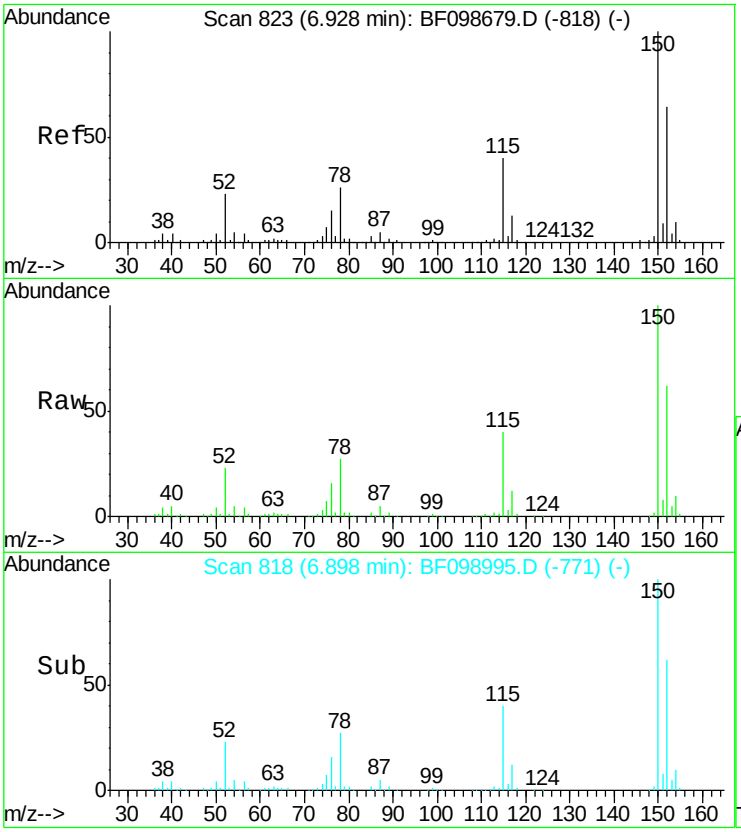


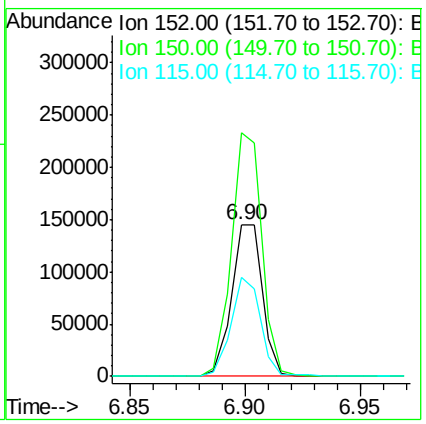


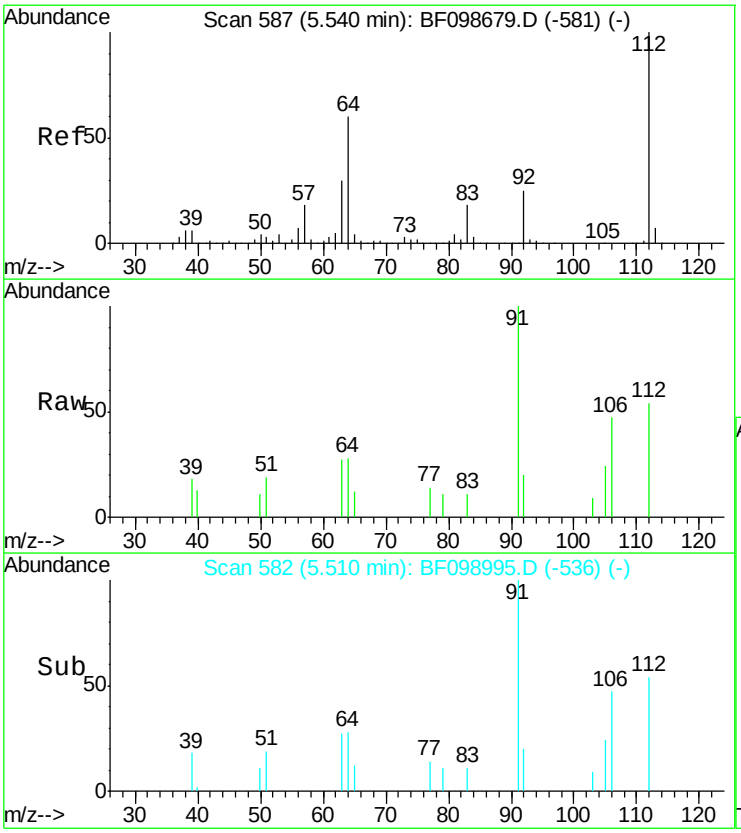
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:152 Resp: 135881

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	64.8	50.1	75.1

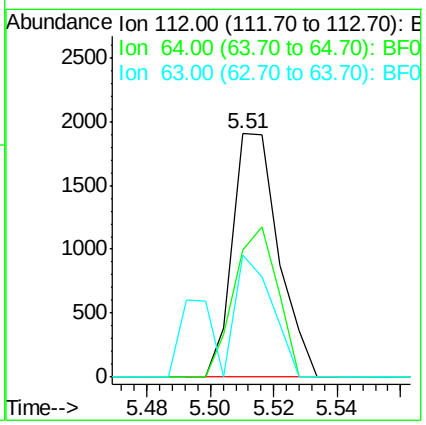


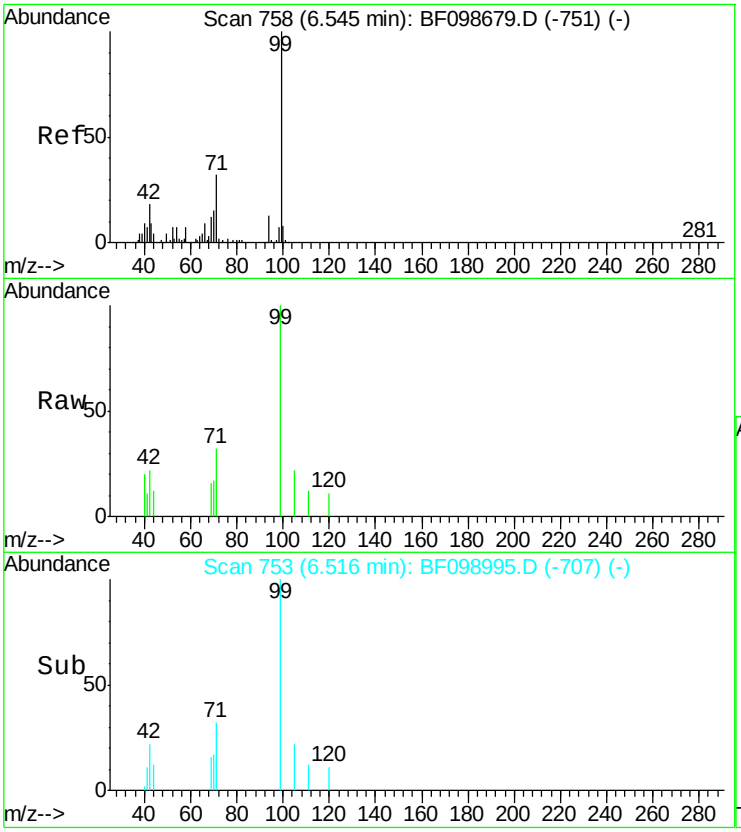


#5
2-Fluorophenol
Concen: 0.22 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:112 Resp: 1910

Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	50.0	23.7	35.5#



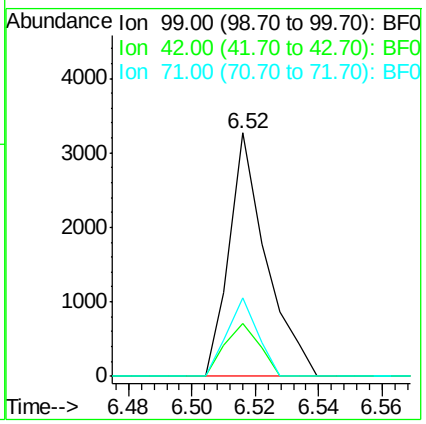


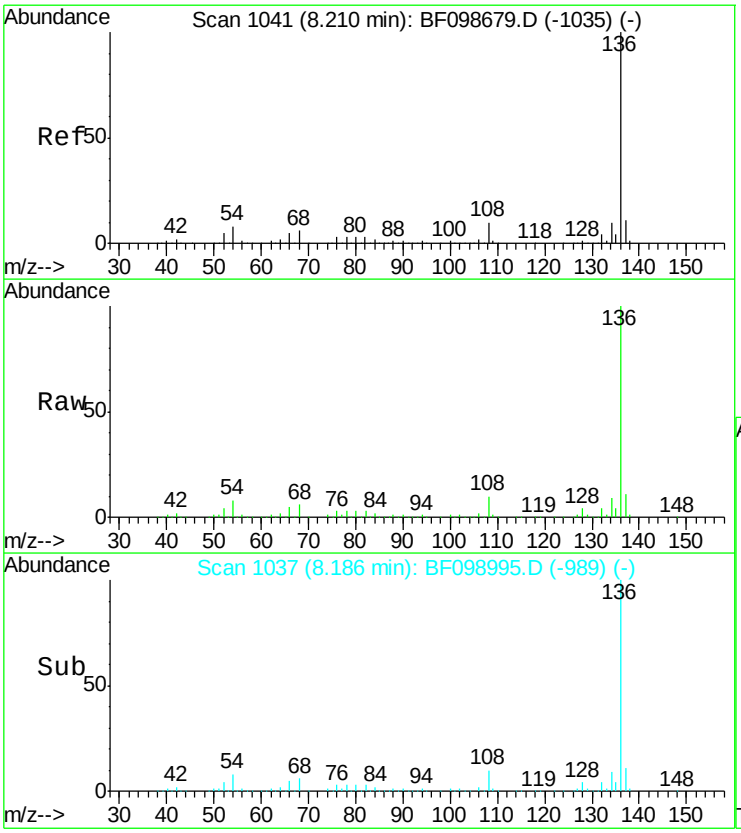
#7
Phenol-d6
Concen: 0.25 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion: 99 Resp: 2641

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	32.1	25.4	38.0

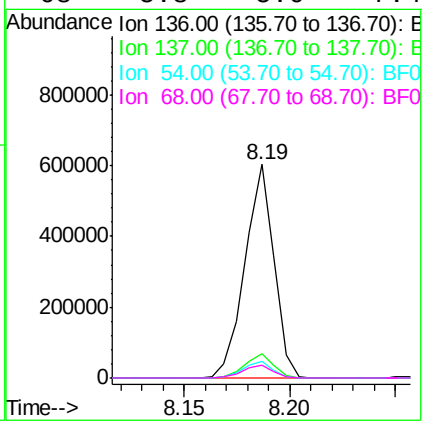


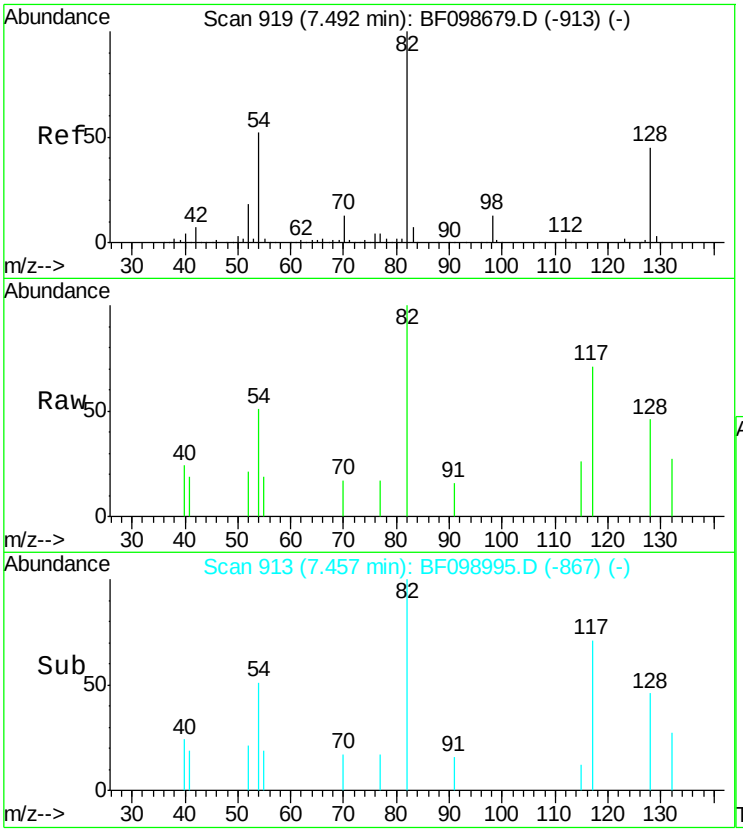


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:136 Resp: 578071

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	5.8	5.0	7.4



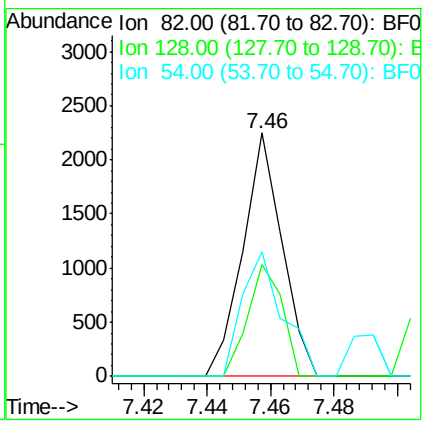


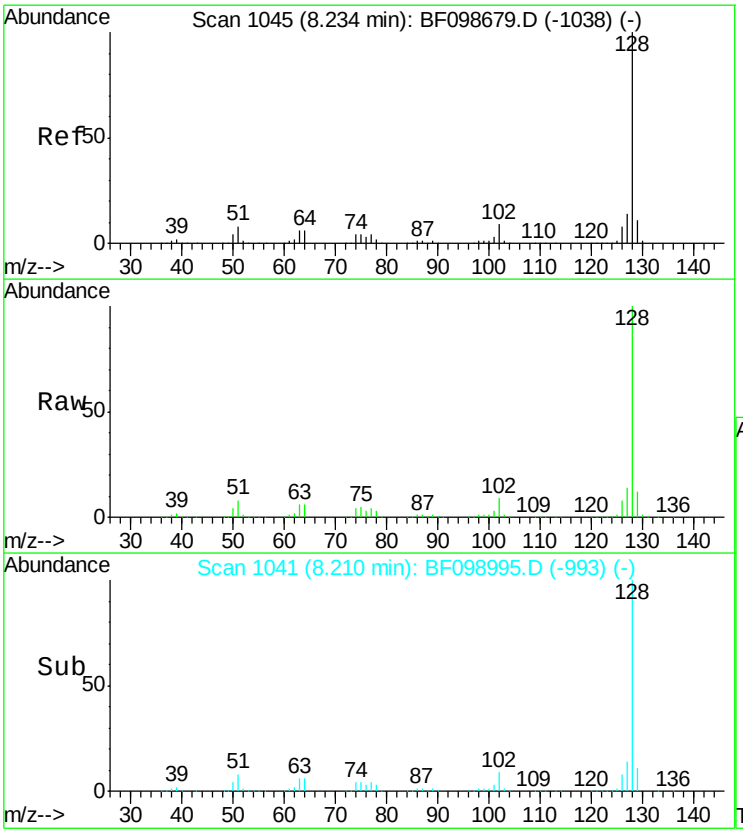
#23
Nitrobenzene-d5
Concen: 0.21 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion: 82 Resp: 1937

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	51.2	41.4	62.2

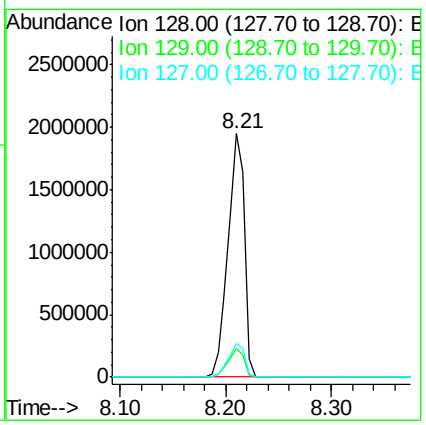


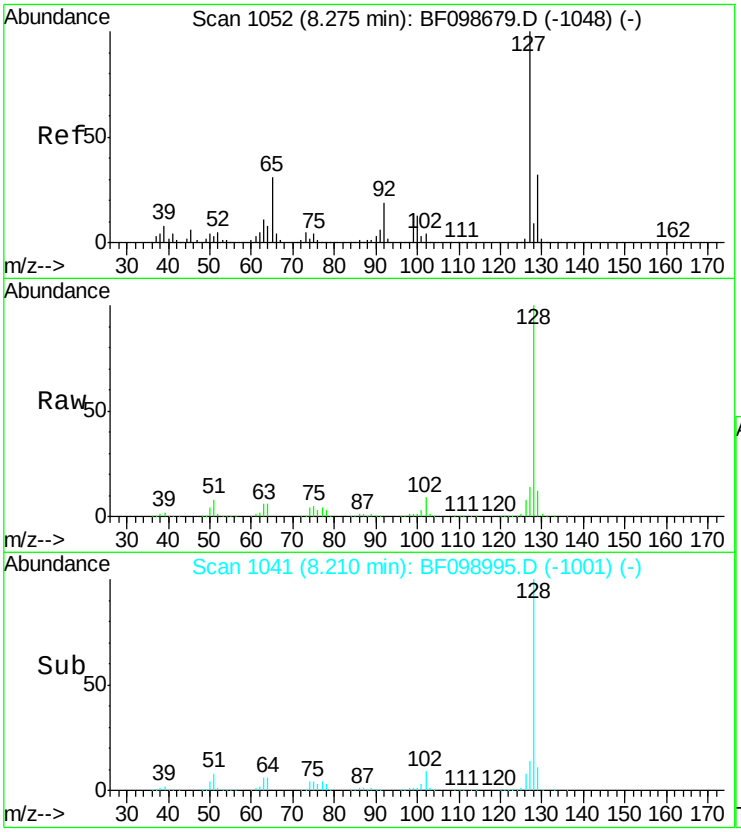


#31
Naphthalene
Concen: 76.35 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:128 Resp: 2072790

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.9	10.9	16.3



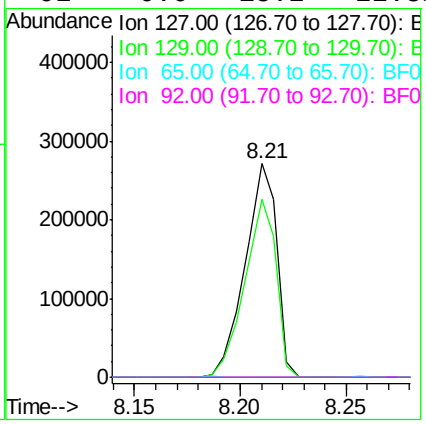


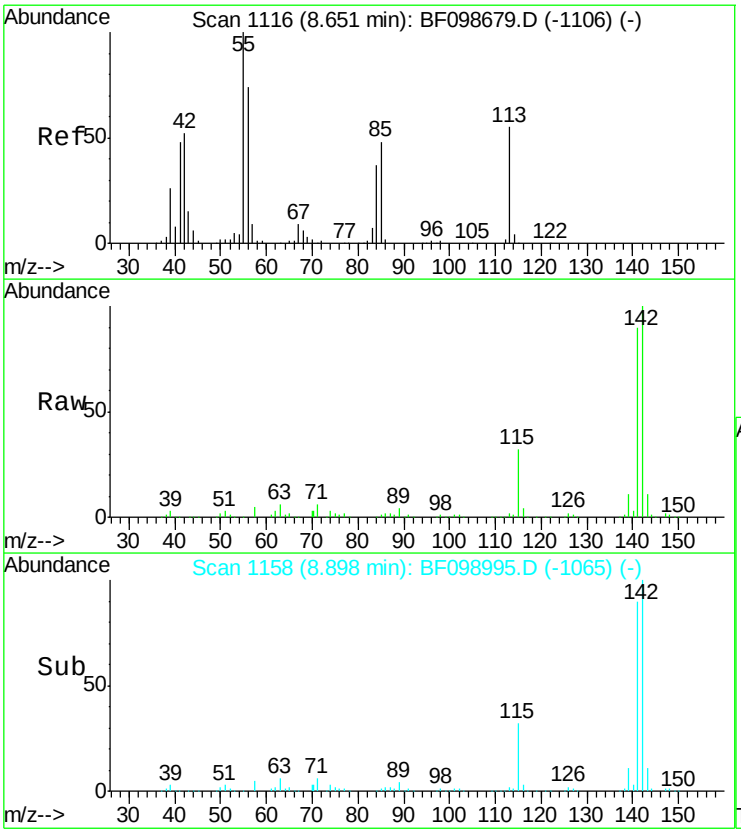
#33
4-Chloroaniline
Concen: 25.01 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.06 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:127 Resp: 283586

Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

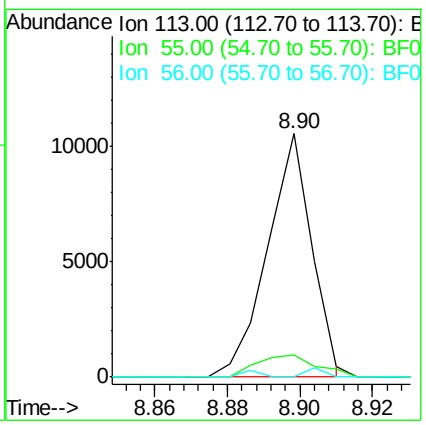


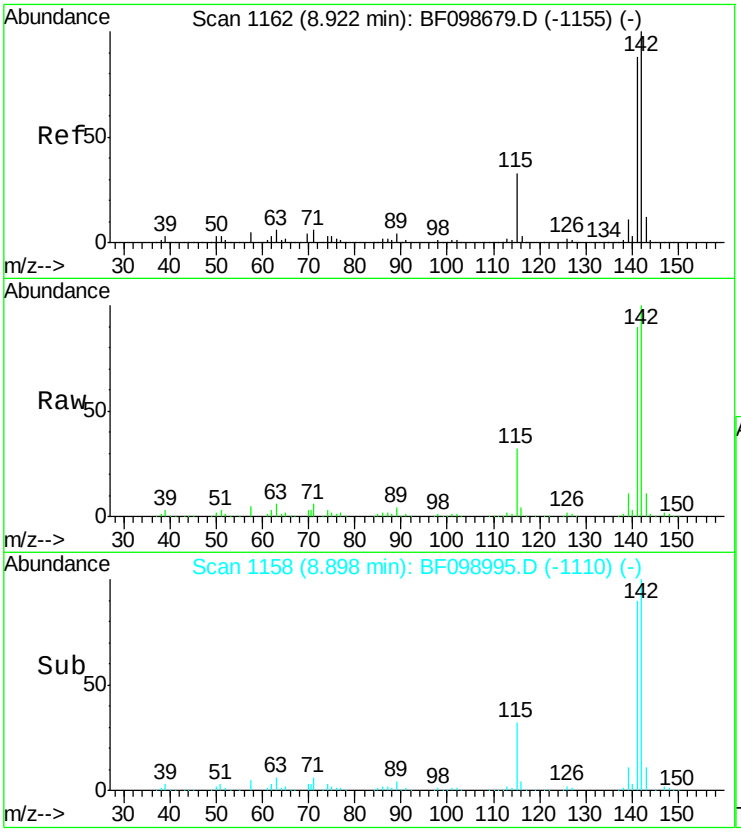


#35
Caprolactam
Concen: 3.51 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.25 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:113 Resp: 8975

Ion	Ratio	Lower	Upper
113	100		
55	9.1	163.3	203.3#
56	0.0	115.7	155.7#



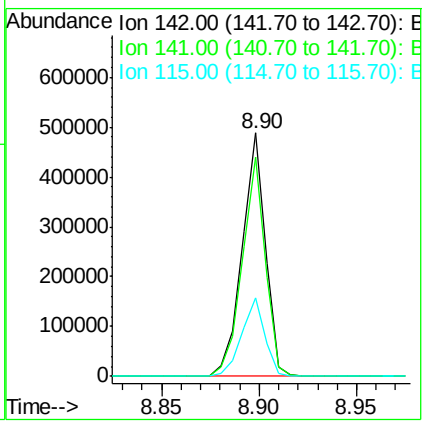


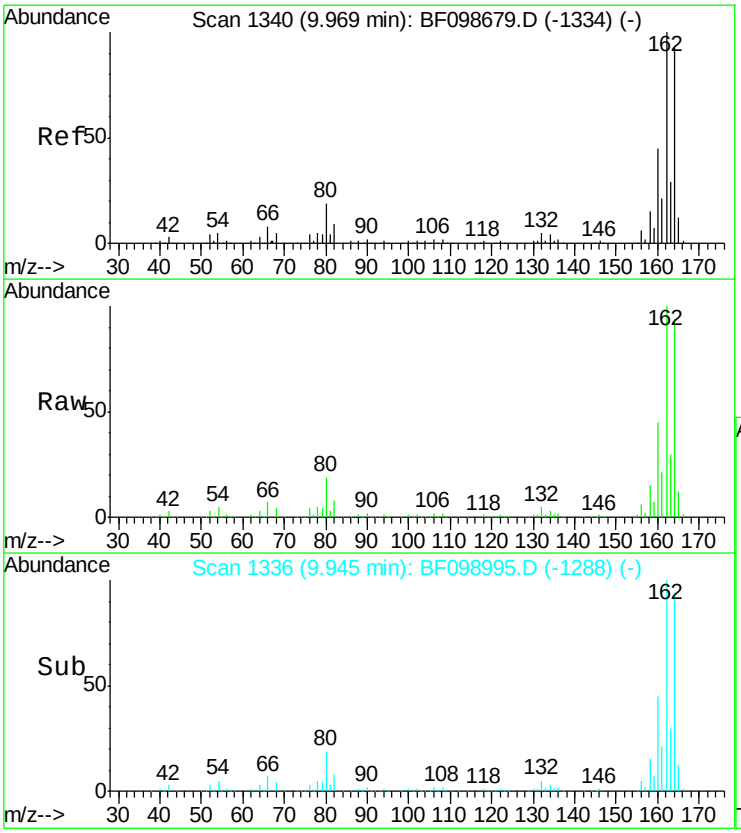
#37
2-Methylnaphthalene
Concen: 22.90 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:142 Resp: 404196

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	32.2	26.1	39.1

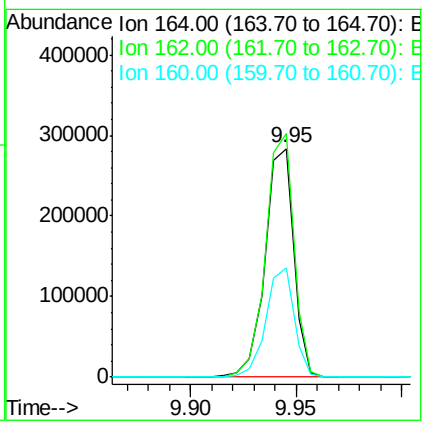


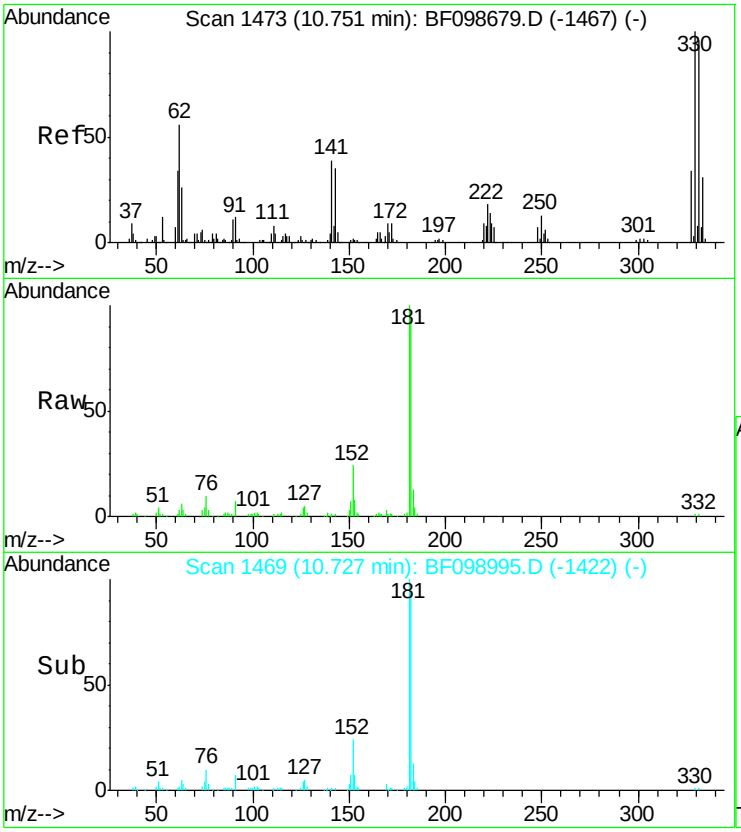


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:164 Resp: 268754

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	47.7	38.3	57.5



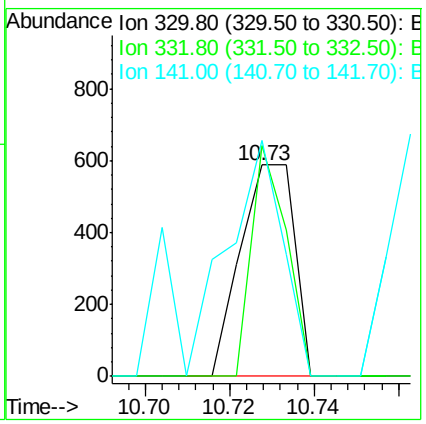


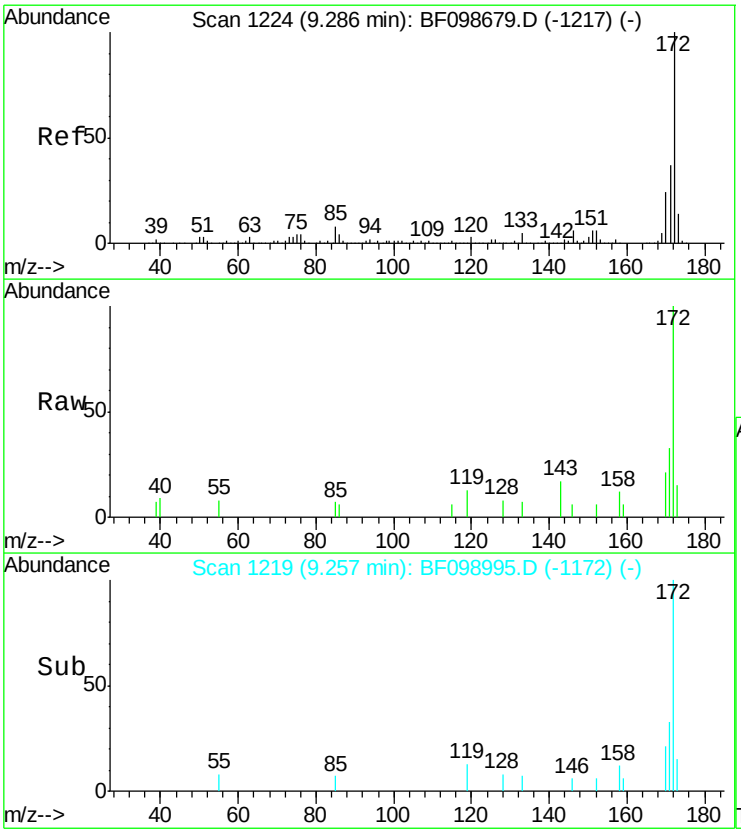
#41
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:330 Resp: 525

Ion	Ratio	Lower	Upper
330	100		
332	70.3	77.0	115.6#
141	113.7	29.9	44.9#

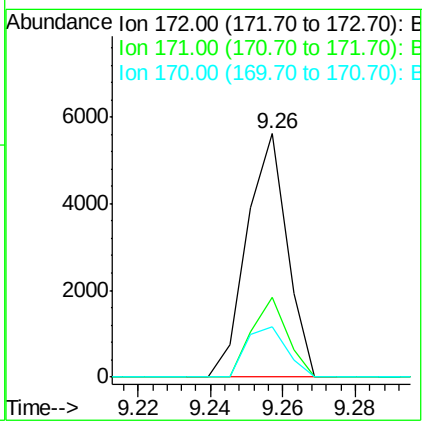


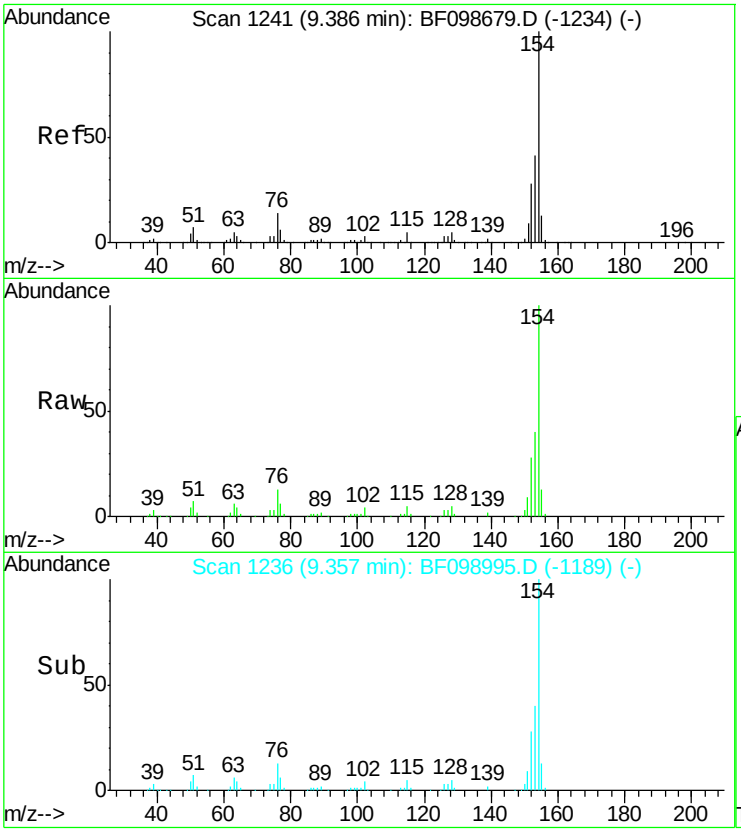


#44
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:172 Resp: 4305

Ion	Ratio	Lower	Upper
172	100		
171	32.6	29.7	44.5
170	20.7	19.6	29.4



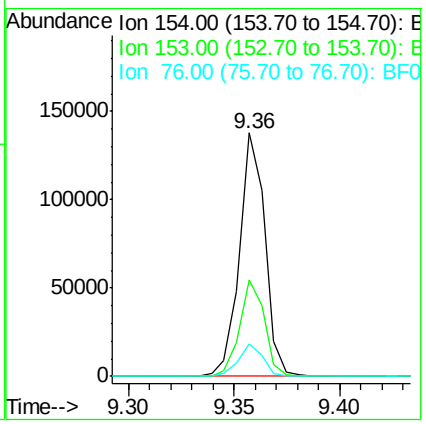


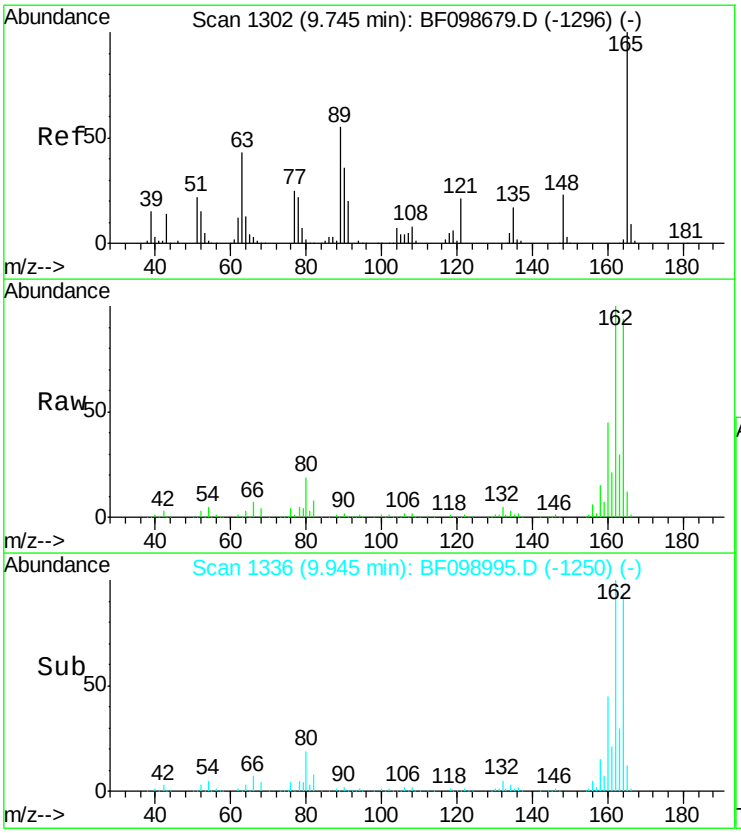
#45
1,1'-Biphenyl
Concen: 4.97 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:154 Resp: 114852

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	13.4	0.0	34.0

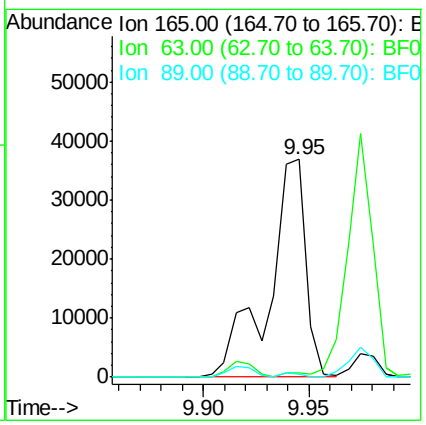


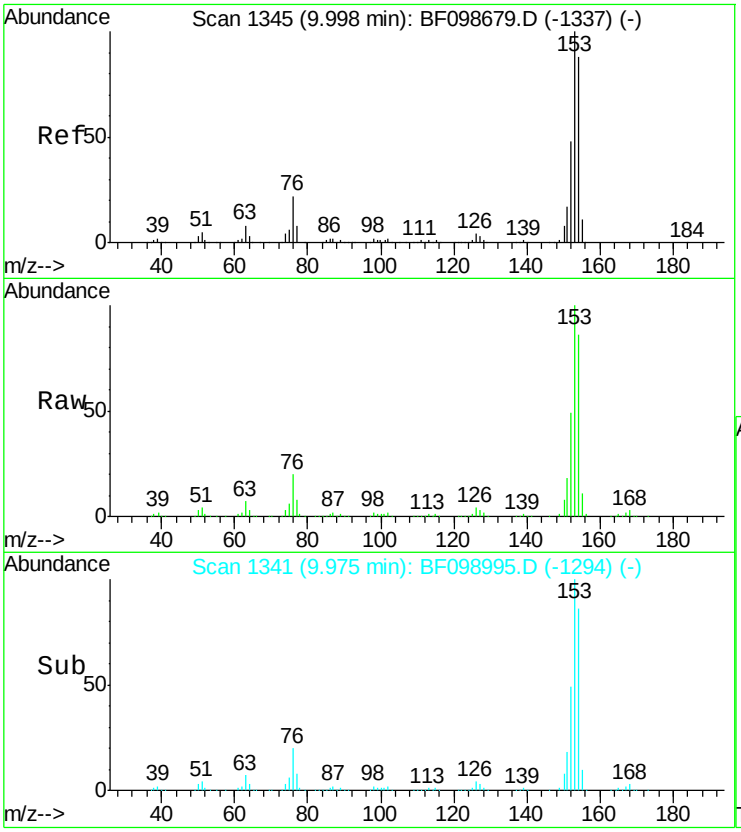


#50
2,6-Dinitrotoluene
Concen: 10.23 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.21 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:165 Resp: 45162

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.5	44.0	66.0#



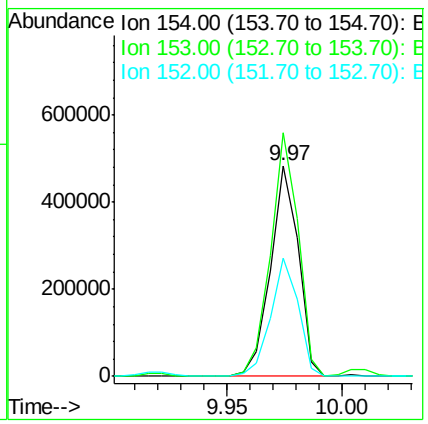


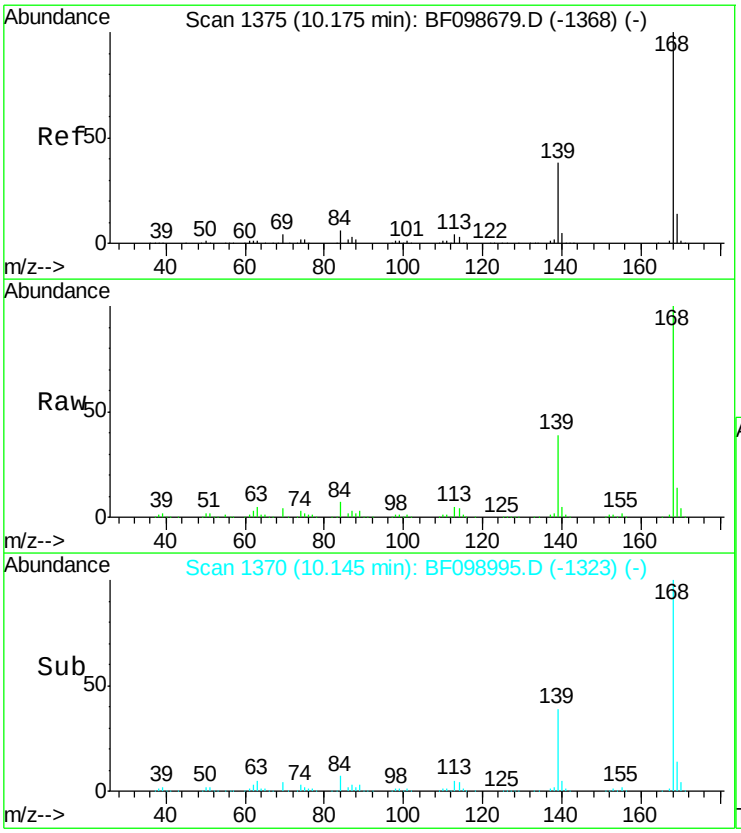
#51
Acenaphthene
Concen: 24.11 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:154 Resp: 405392

Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	56.3	43.8	65.8

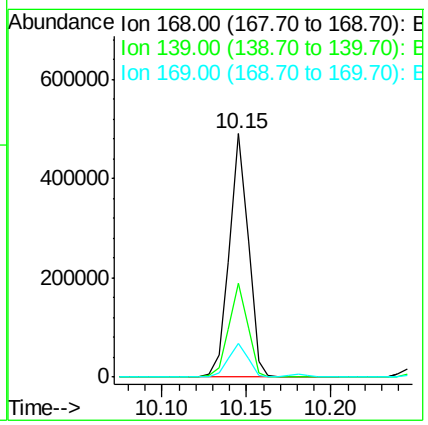


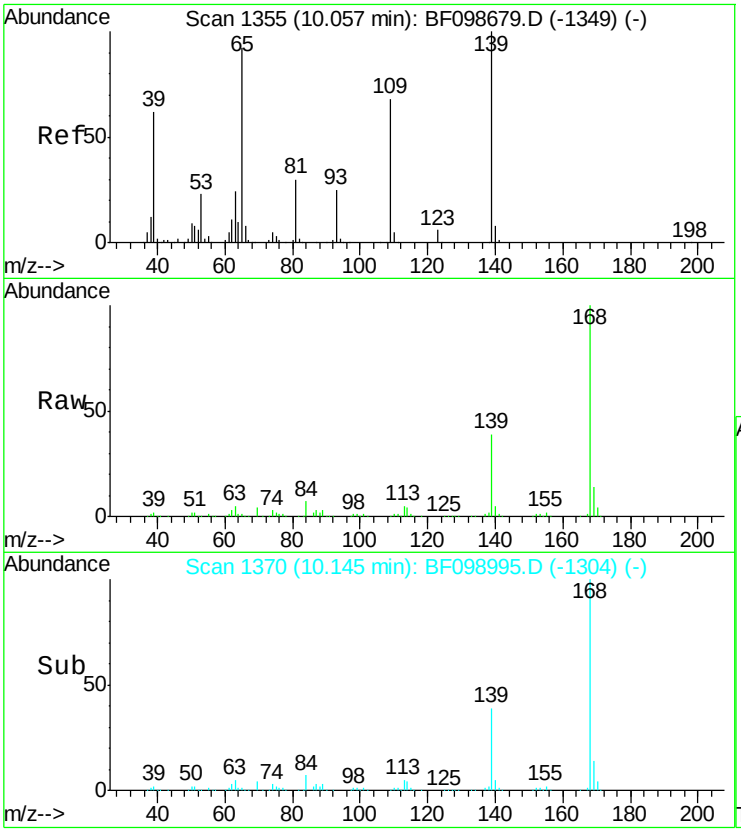


#54
Dibenzofuran
Concen: 17.10 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:168 Resp: 382954

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	14.0	10.9	16.3



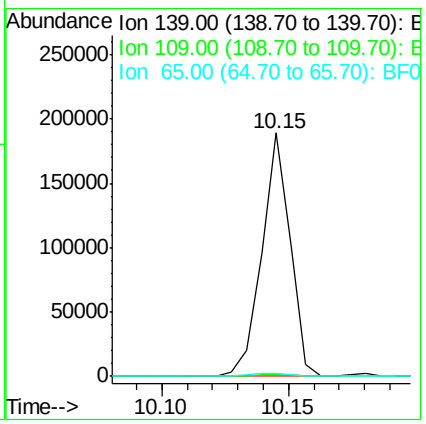


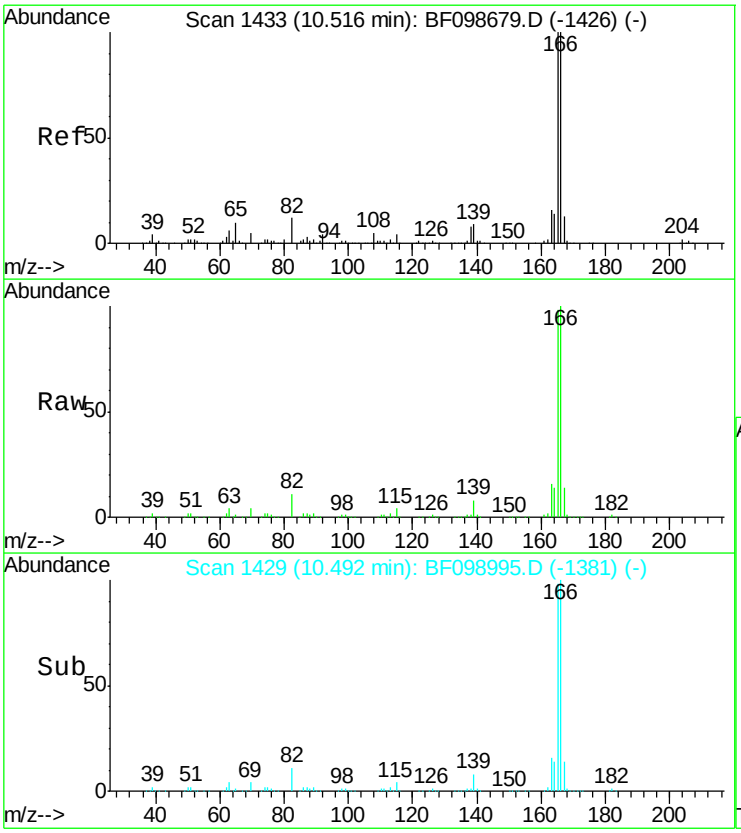
#55
4-Nitrophenol
Concen: 34.01 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.09 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:139 Resp: 148057

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	1.4	72.6	112.6#

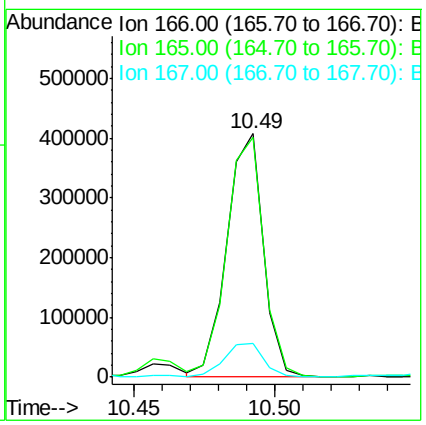


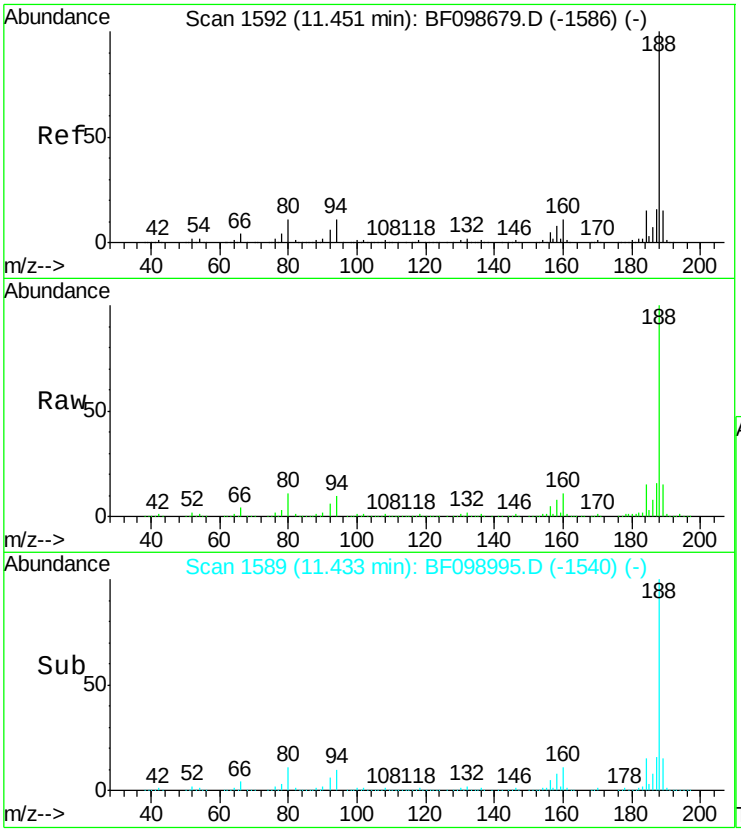


#57
Fluorene
Concen: 20.19 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:166 Resp: 363414

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.9	10.6	16.0



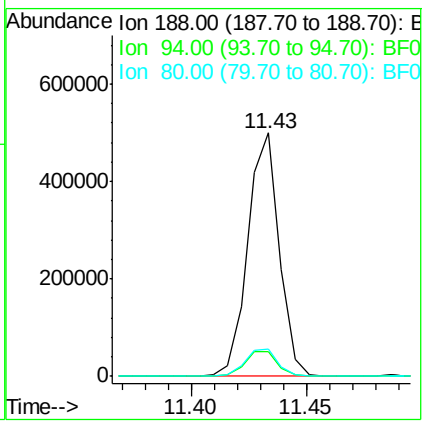


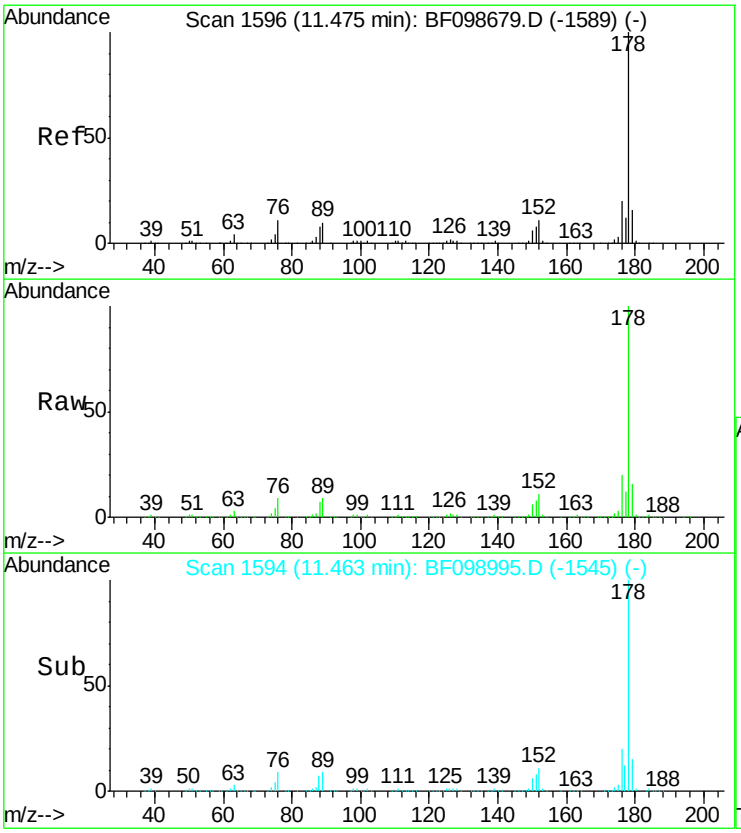
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:188 Resp: 474368

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

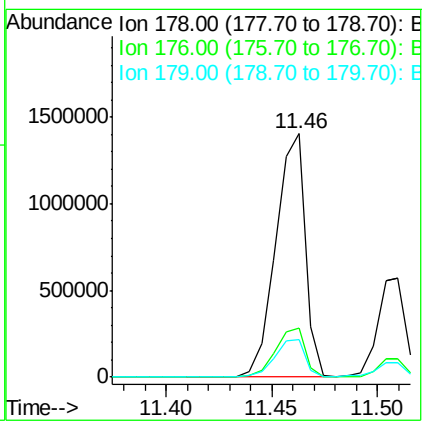


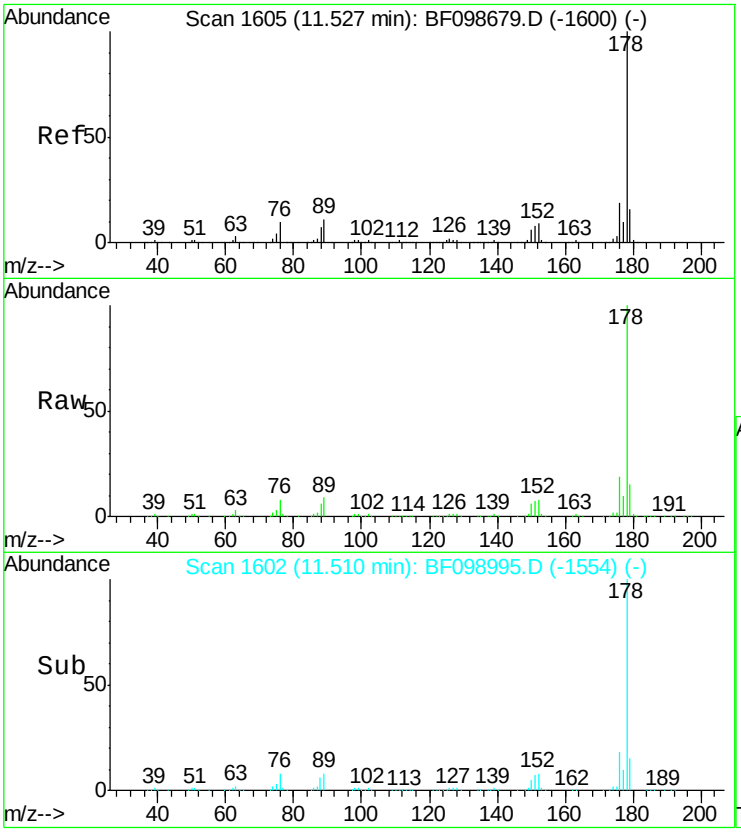


#70
Phenanthrene
Concen: 54.06 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:178 Resp: 1372648

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6



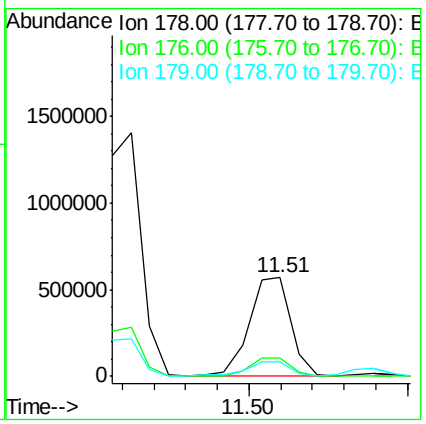


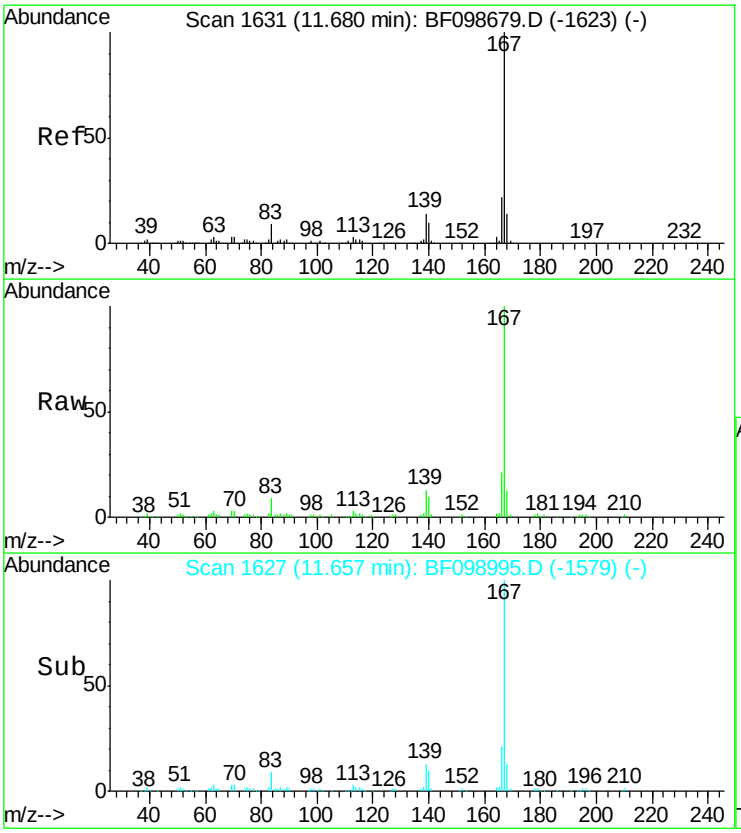
#71
Anthracene
Concen: 19.58 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:178 Resp: 508676

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0

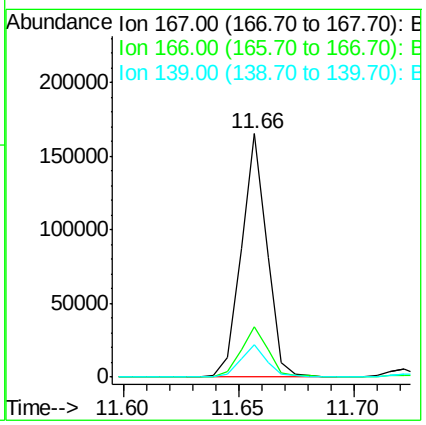


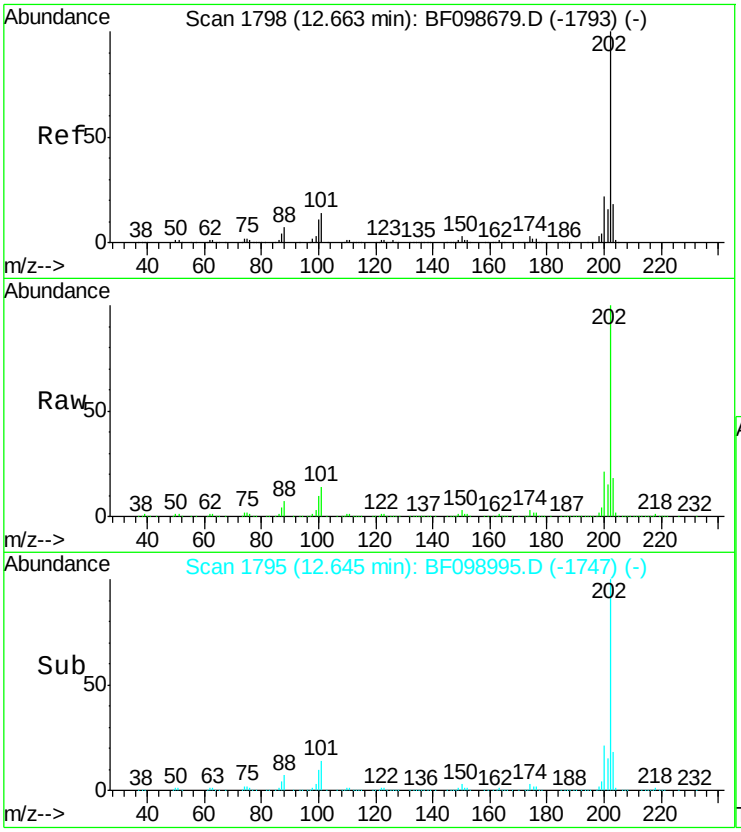


#72
Carbazole
Concen: 5.02 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:167 Resp: 127770

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.6	26.4
139	13.3	10.9	16.3



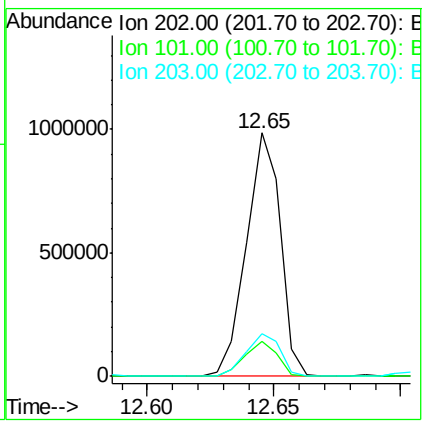


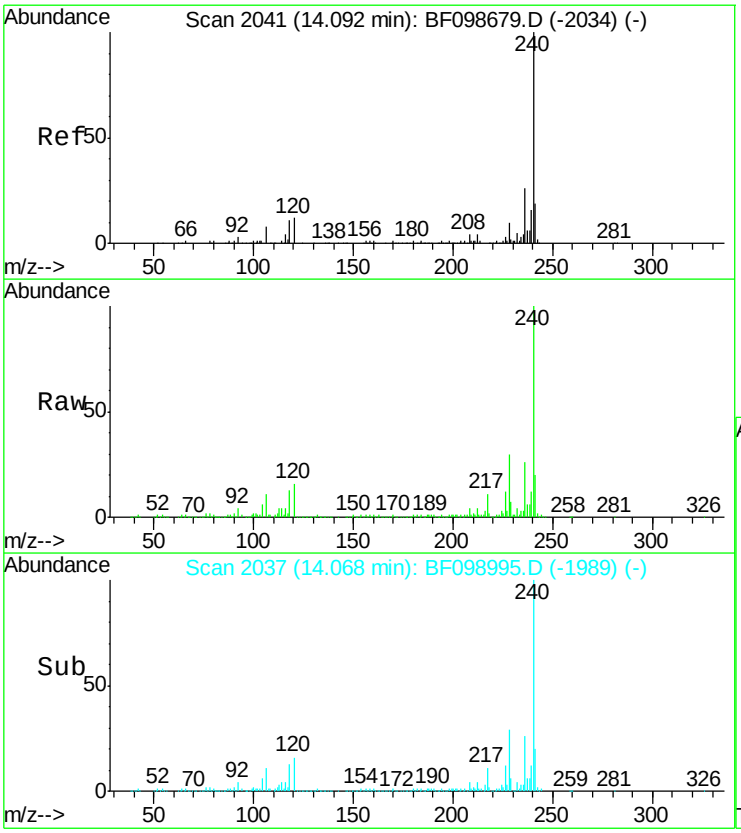
#74
Fluoranthene
Concen: 35.74 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:202 Resp: 918889

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.7	0.0	38.1

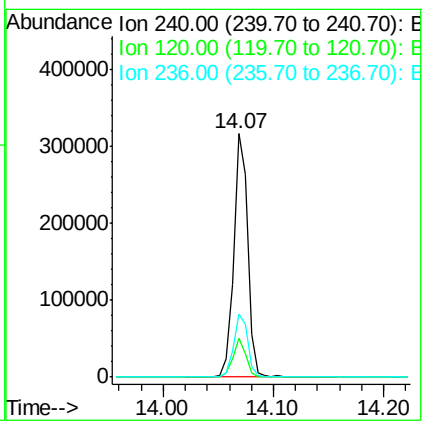


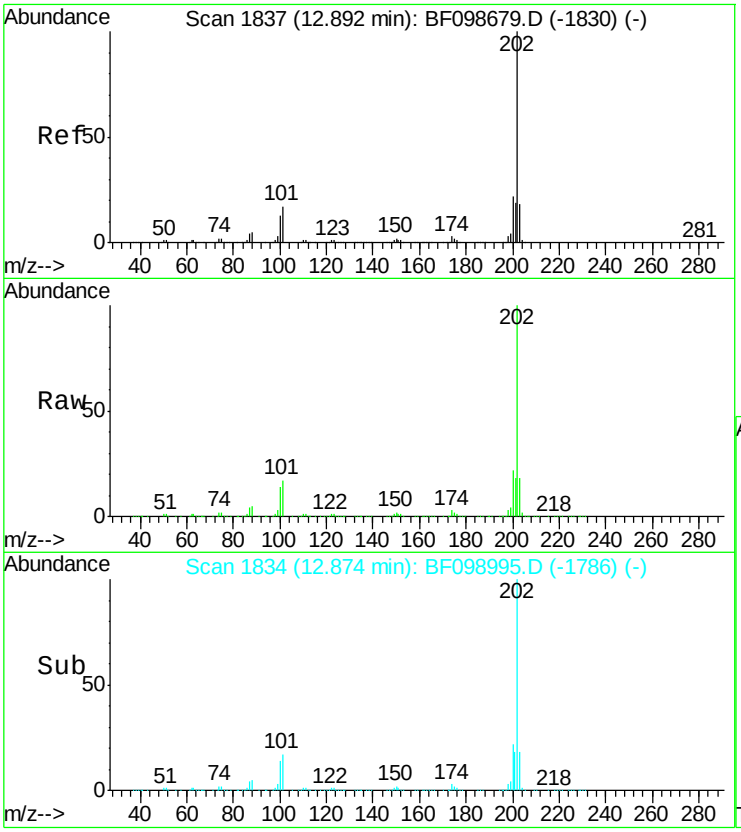


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:240 Resp: 280883

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.7	20.7	31.1



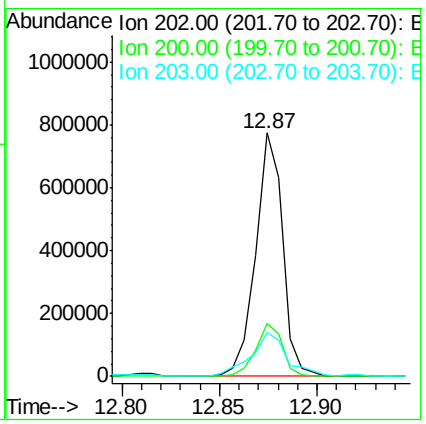


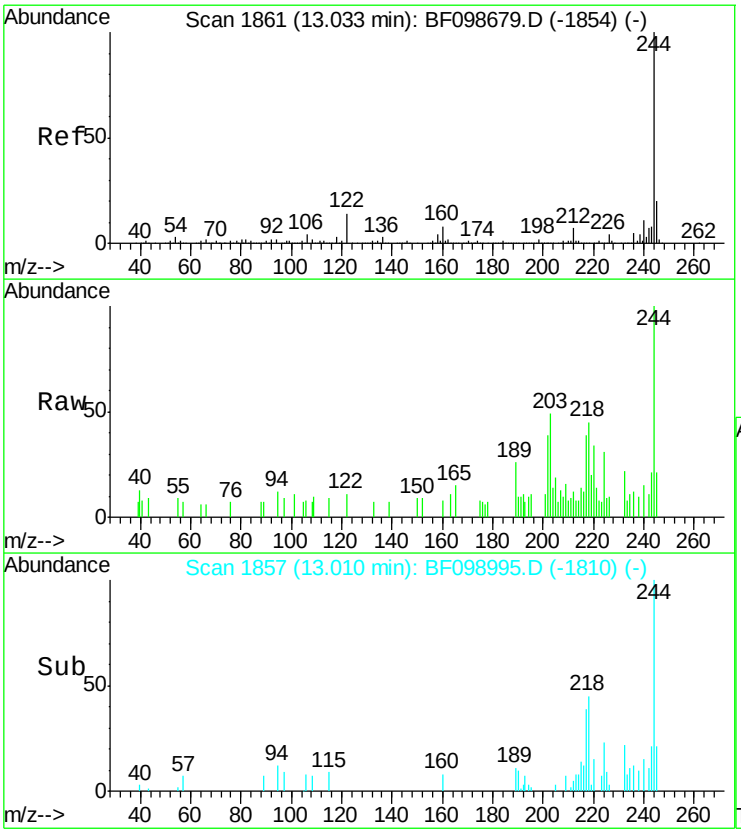
#77
Pyrene
Concen: 34.54 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:202 Resp: 739806

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

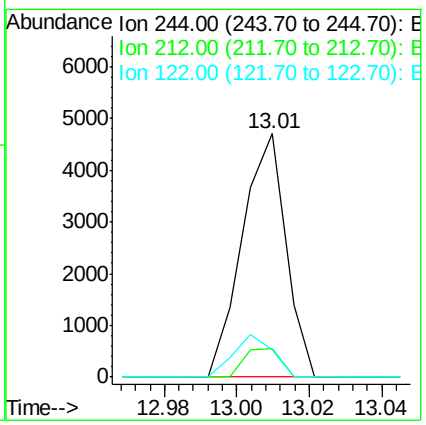


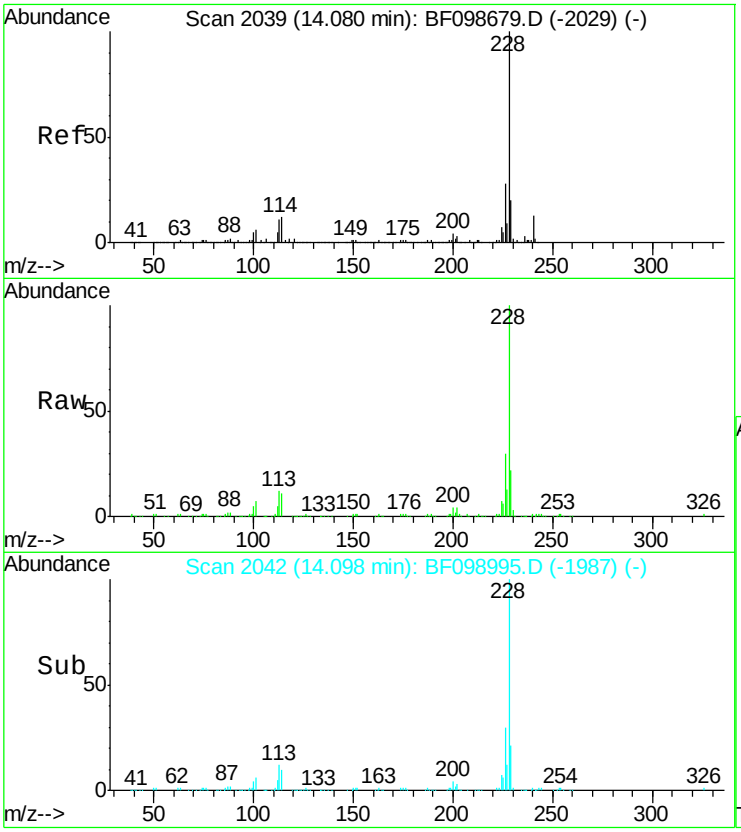


#78
Terphenyl-d14
Concen: 0.32 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:244 Resp: 3930

Ion	Ratio	Lower	Upper
244	100		
212	11.9	5.4	8.0#
122	11.1	11.0	16.4



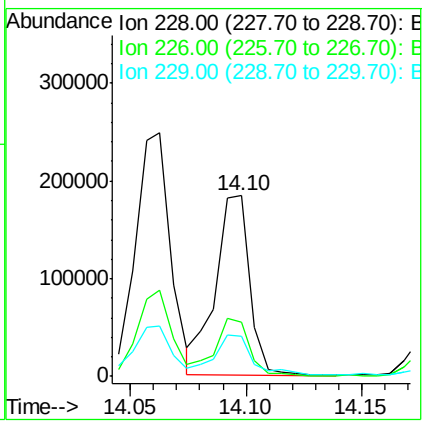


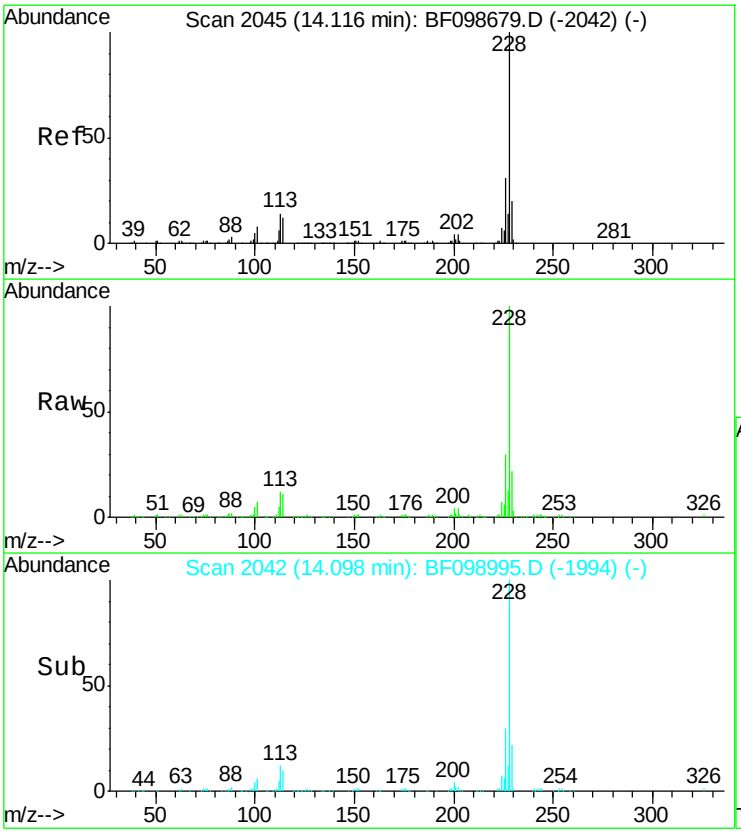
#80
Benzo(a)anthracene
Concen: 11.13 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:228 Resp: 189330

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.1	15.8	23.6

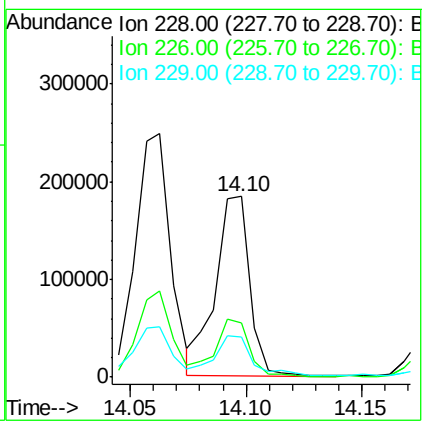


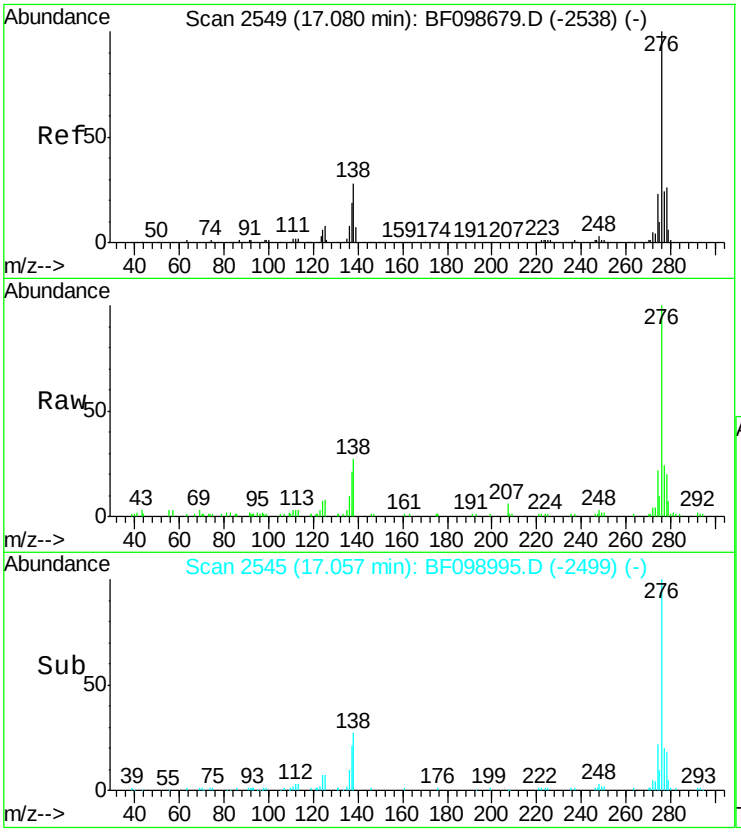


#82
Chrysene
Concen: 11.69 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:228 Resp: 189330

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.1	16.2	24.4



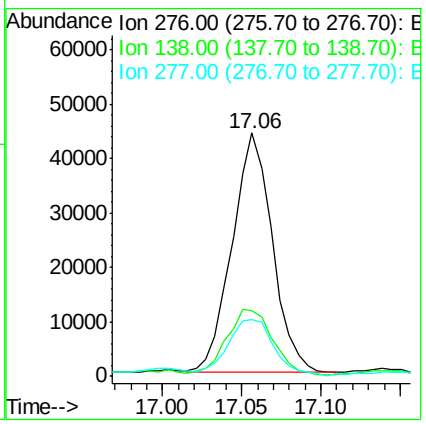


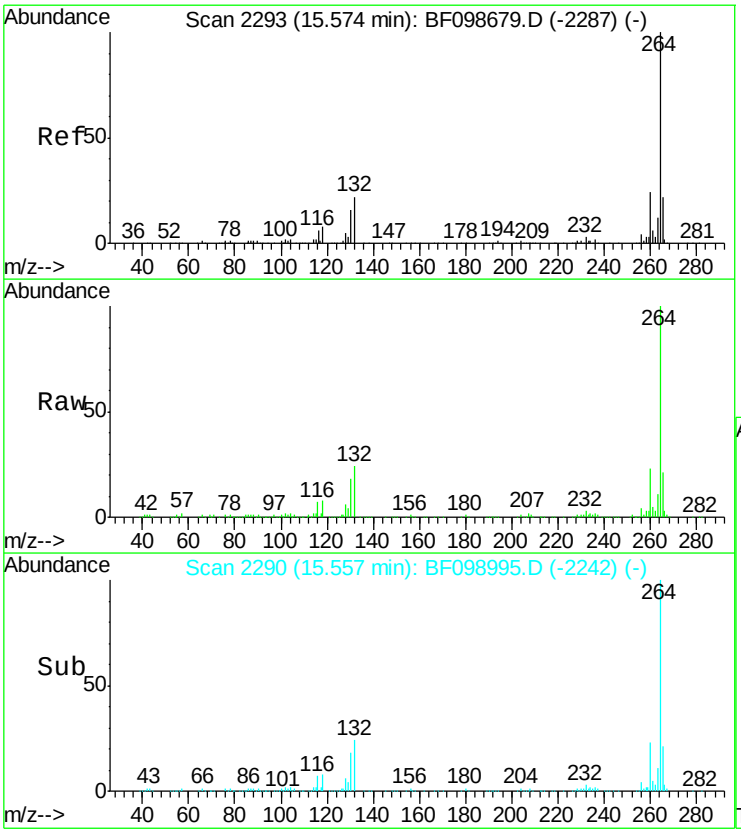
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.97 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.03 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:276 Resp: 77314

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	27.6	20.1	30.1

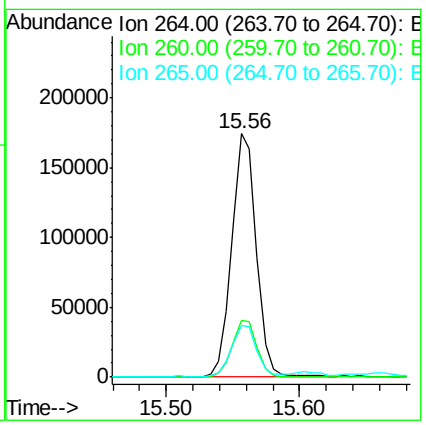


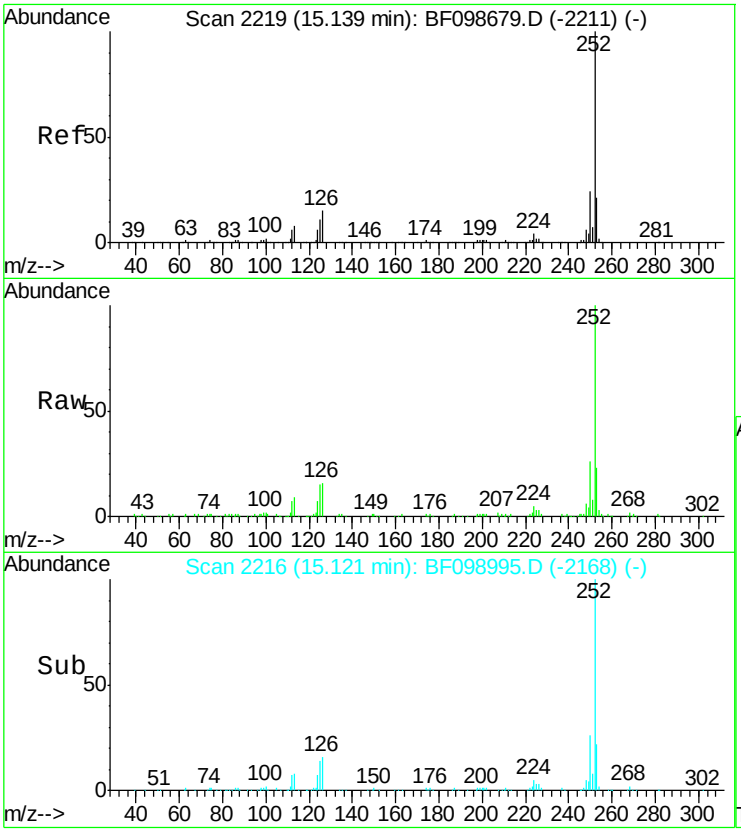


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:264 Resp: 224850

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3



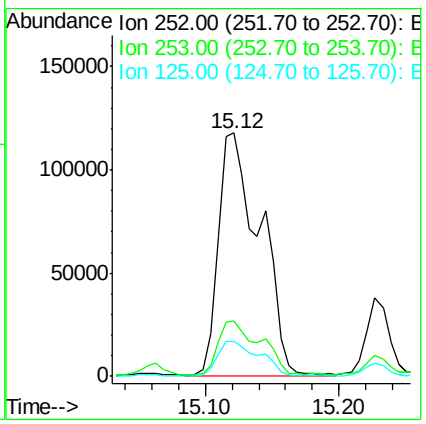


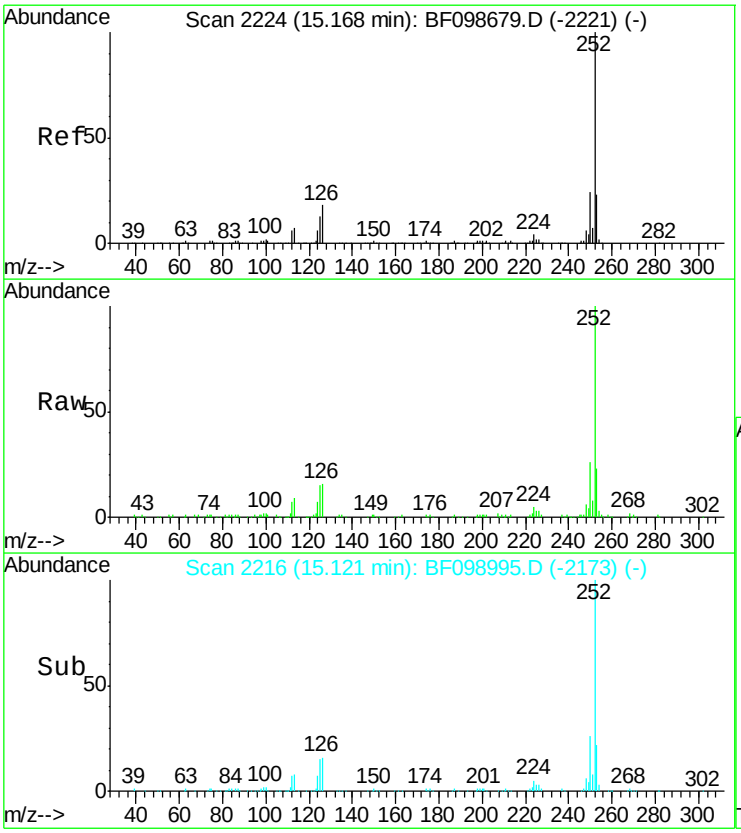
#87
Benzo(b)fluoranthene
Concen: 18.48 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:252 Resp: 255463

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.6	9.0	13.6#

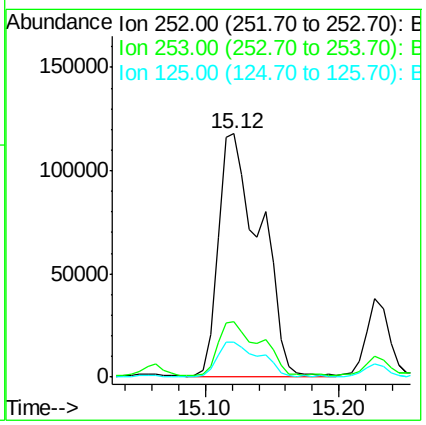


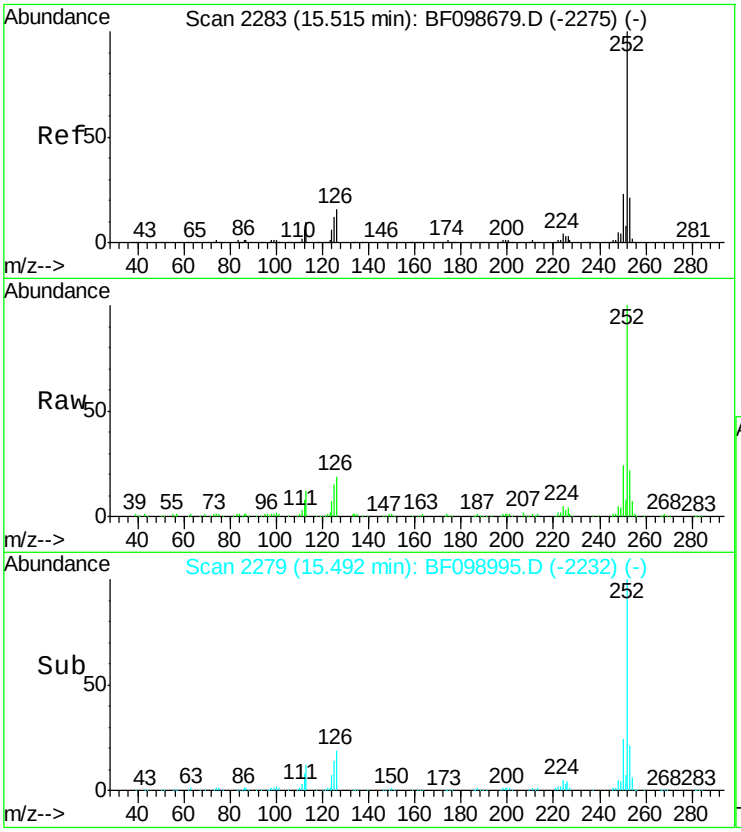


#88
Benzo(k)fluoranthene
Concen: 18.71 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:252 Resp: 255463

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.6	10.2	15.2



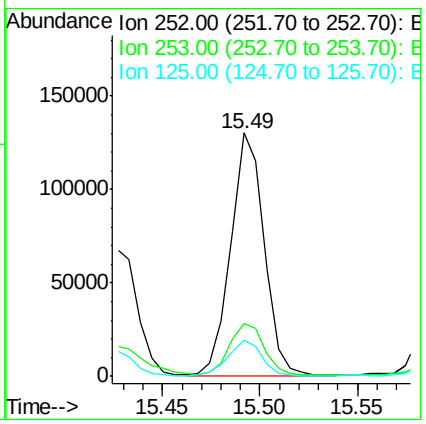


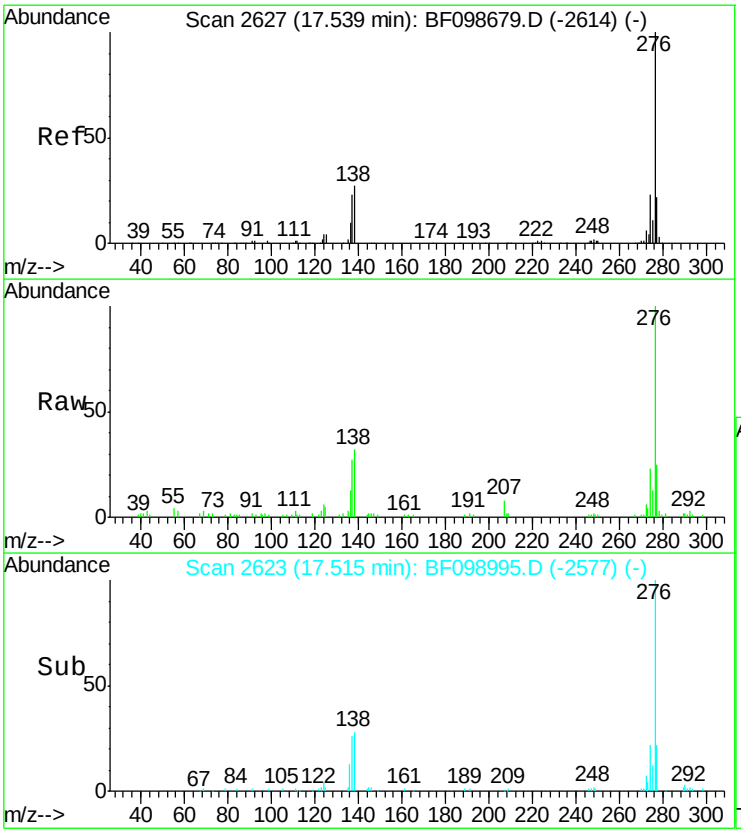
#89
Benzo(a)pyrene
Concen: 12.15 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5DL

Tgt Ion:252 Resp: 154126

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.19 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.03 min
Lab File: BF098995.D
Acq: 1 Oct 2017 16:40

Tgt Ion:276 Resp: 72133

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	31.5	21.8	32.8