Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105350.D
Acq On : 12 May 2018 20:50
Operator : JU/SJ
Sample : J2706-01DL 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 14 06:54:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 11 17:15:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141772	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	601687	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	271366	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	494835	20.00	ng		0.00
75) Chrysene-d12	14.00	240	300897	20.00	ng		-0.01
86) Perylene-d12	15.55	264	365956	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	20268	2.15	ng		0.00
7) Phenol-d6	6.42	99	30817	2.75	ng		0.00
23) Nitrobenzene-d5	7.35	82	19509	1.89	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	9978	2.85	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	46450	2.47	ng		-0.01
78) Terphenyl-d14	12.90	244	43330	3.10	ng		0.00
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.82	165	35496	7.74	ng	#	26
51) Acenaphthene	9.85	154	54539	2.97	ng		97
55) 4-Nitrophenol	10.03	139	17030	3.94	ng	#	9
56) 2,4-Dinitrotoluene	9.82	165	35496	5.95	ng	#	23
57) Fluorene	10.37	166	56157	3.01	ng		100
70) Phenanthrene	11.33	178	712886	25.56	ng		99
71) Anthracene	11.39	178	225222	7.80	ng		98
72) Carbazole	11.55	167	94317	3.73	ng		98
74) Fluoranthene	12.53	202	991306	35.76	ng		98
77) Pyrene	12.76	202	838866	36.13	ng		99
79) Butylbenzylphthalate	13.39	149	136976	13.39	ng		96
80) Benzo(a)anthracene	13.99	228	409807	23.33	ng		99
82) Chrysene	14.03	228	364893	21.08	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	127609	8.10	ng		96
87) Benzo(b)fluoranthene	15.12	252	573654	26.30	ng		98
88) Benzo(k)fluoranthene	15.12	252	573654	27.20	ng		99
89) Benzo(a)pyrene	15.49	252	283816	13.97	ng		99
91) Benzo(g,h,i)perylene	17.43	276	115887	6.33	ng		96

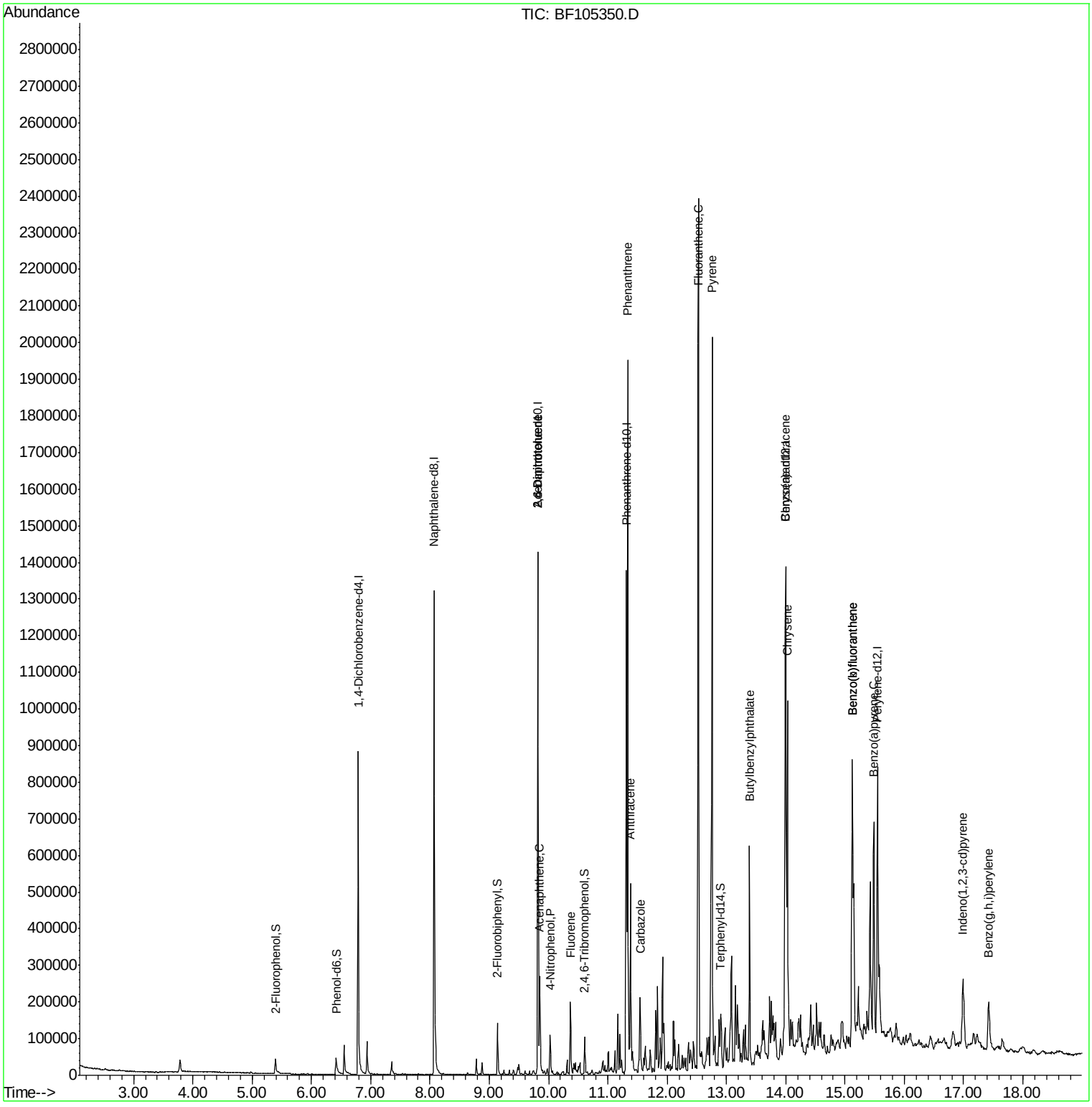
(#) = qualifier out of range (m) = manual integration (+) = signals summed

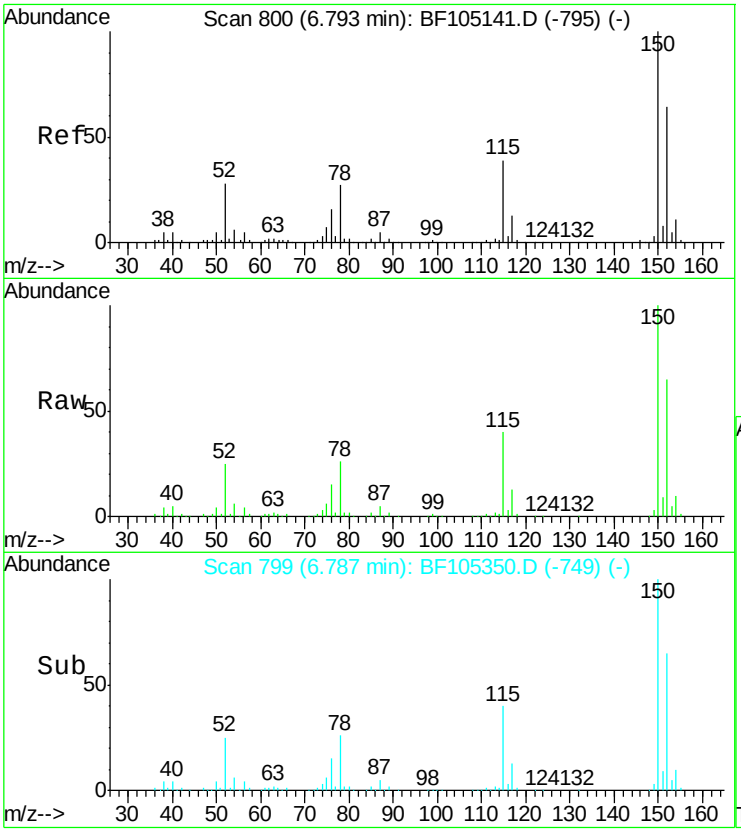
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105350.D
Acq On : 12 May 2018 20:50
Operator : JU/SJ
Sample : J2706-01DL 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 14 06:54:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 11 17:15:19 2018
Response via : Initial Calibration



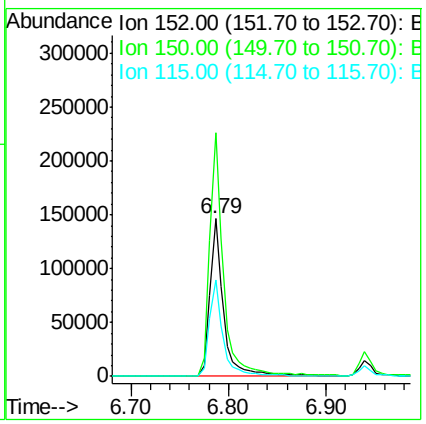


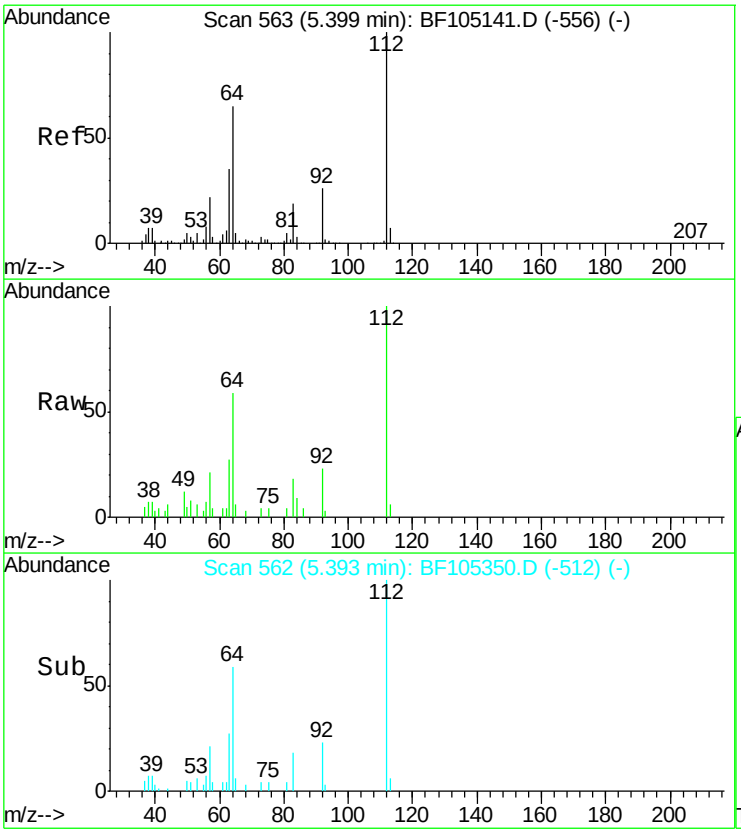
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141772

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.5	50.1	75.1

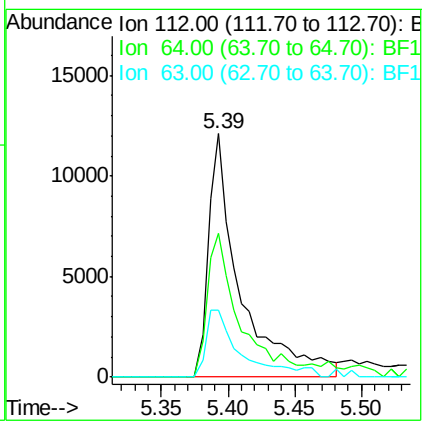


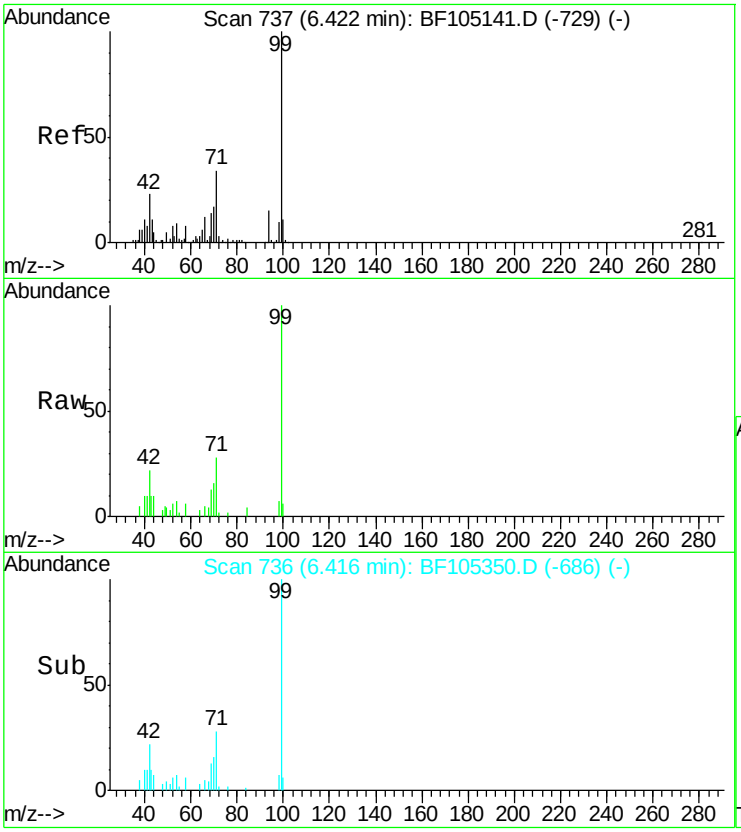


#5
2-Fluorophenol
Concen: 2.15 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:112 Resp: 20268

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	27.3	23.7	35.5



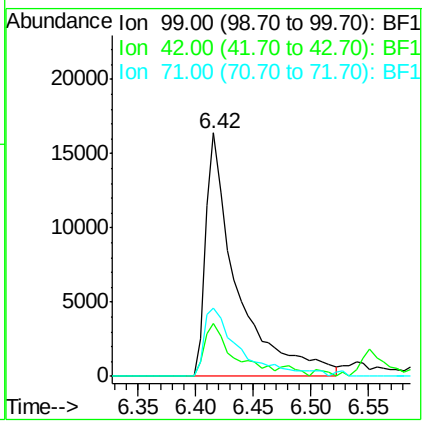


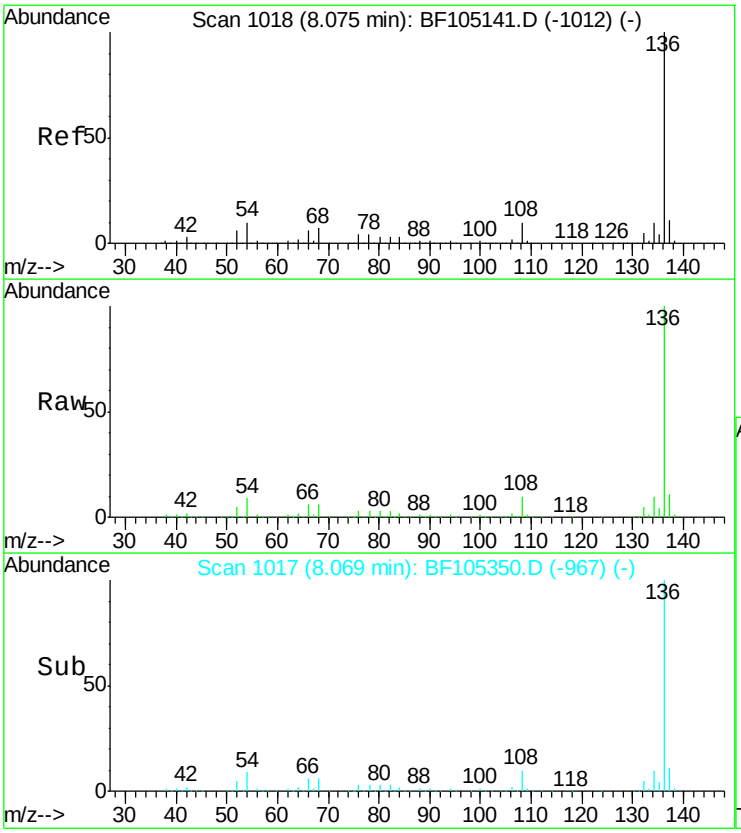
#7
Phenol-d6
Concen: 2.75 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 30817

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	27.8	25.4	38.0

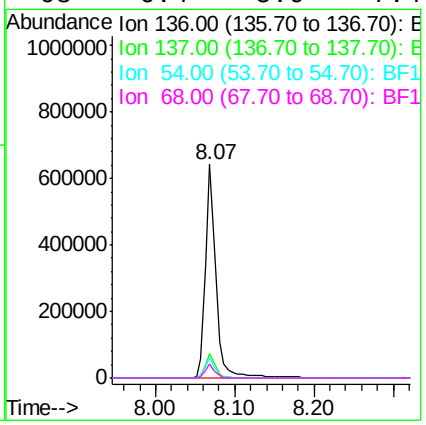


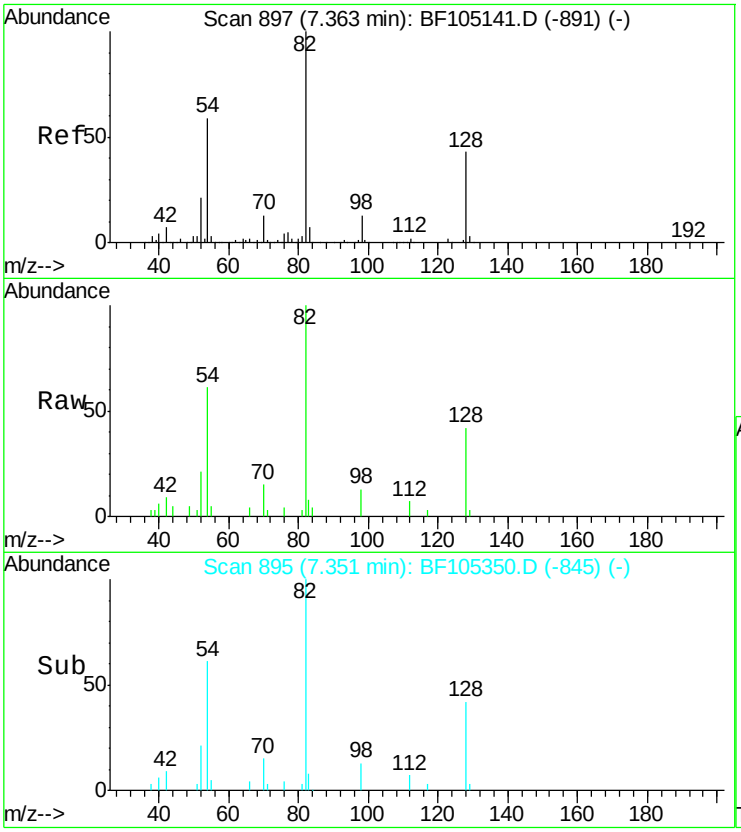


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:136 Resp: 601687

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.4	6.6	9.8
68	6.4	5.0	7.4



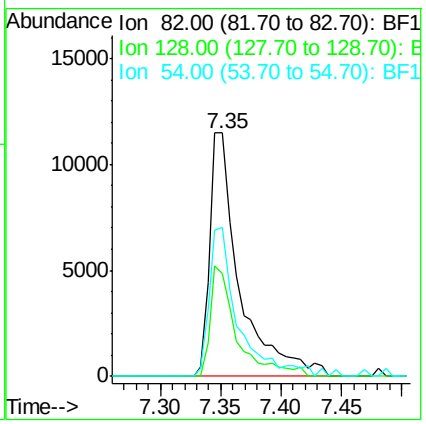


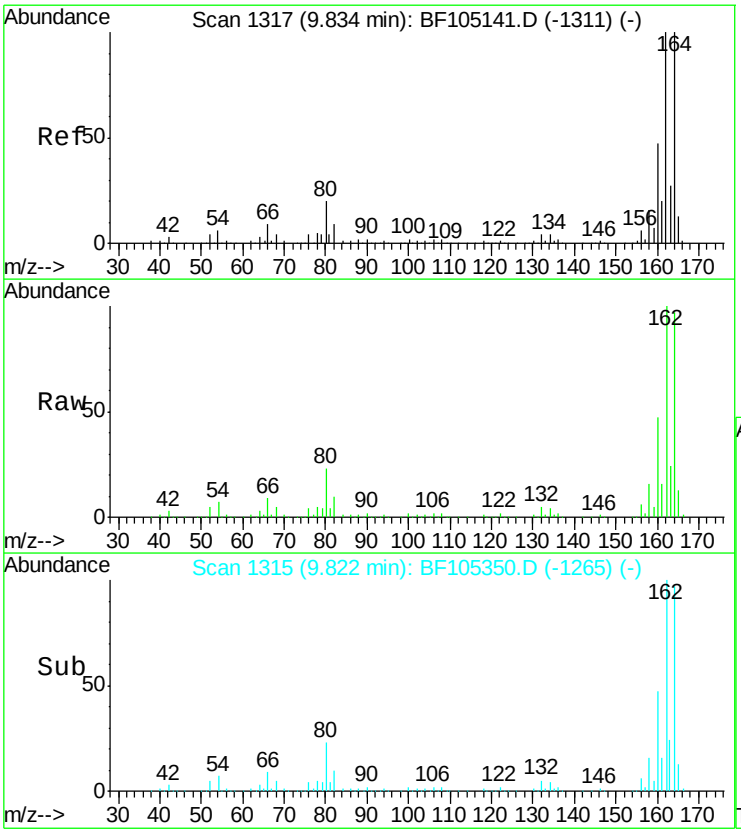
#23
Nitrobenzene-d5
Concen: 1.89 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 19509

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	61.1	41.4	62.2

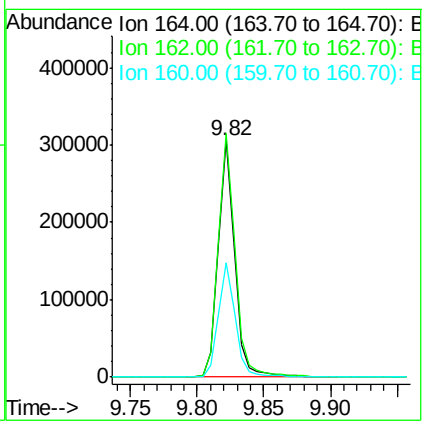


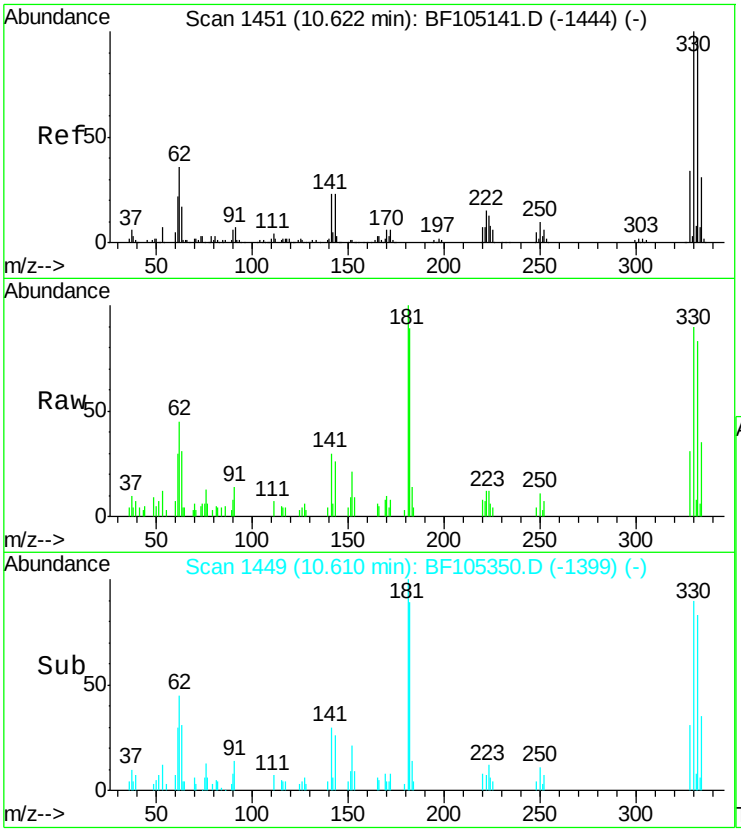


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:164 Resp: 271366

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	48.2	38.3	57.5



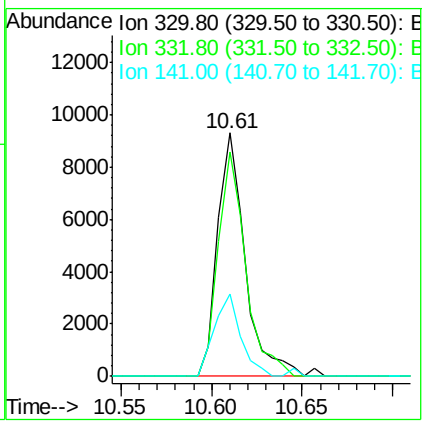


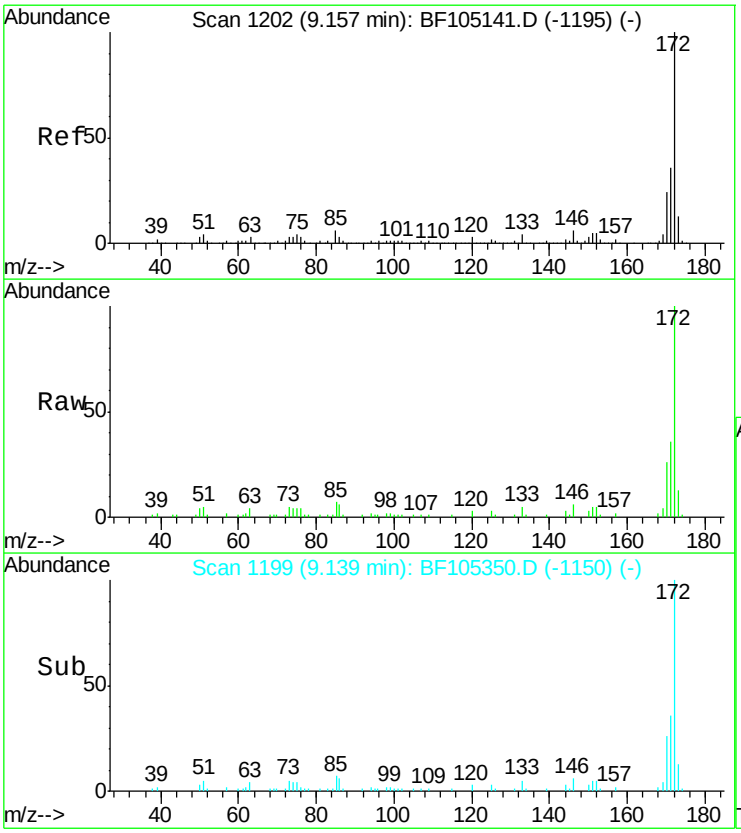
#41
2,4,6-Tribromophenol
Concen: 2.85 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 9978

Ion	Ratio	Lower	Upper
330	100		
332	91.1	77.0	115.6
141	32.3	29.9	44.9

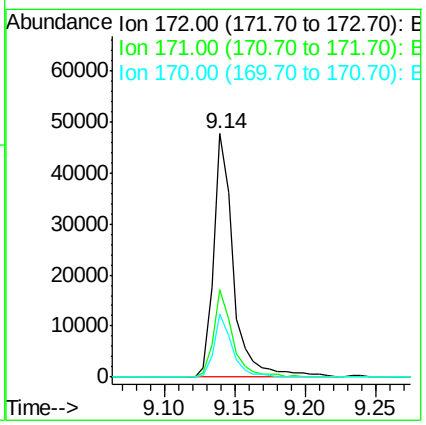


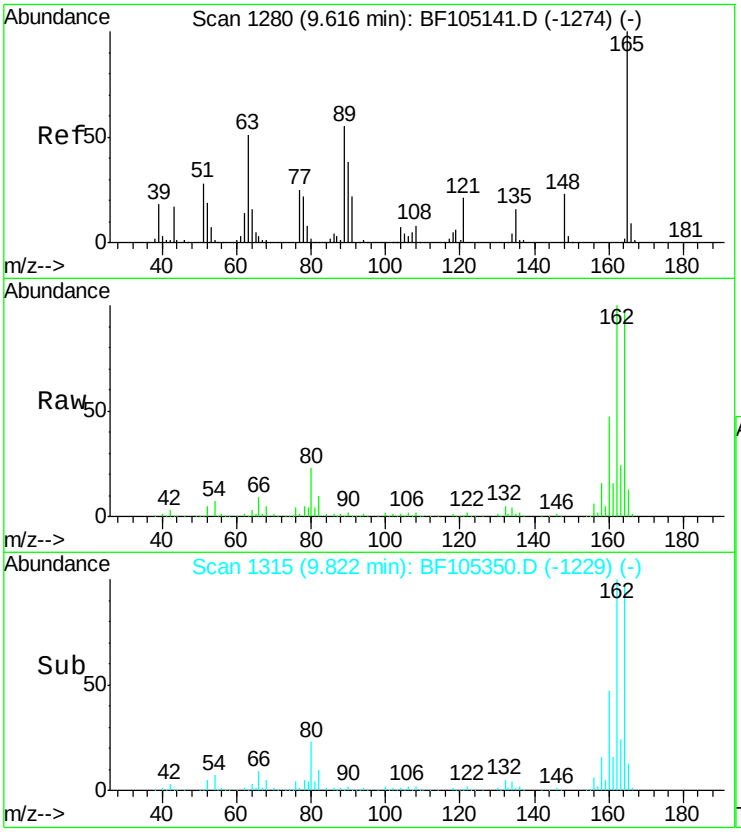


#44
2-Fluorobiphenyl
Concen: 2.47 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:172 Resp: 46450

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	25.9	19.6	29.4



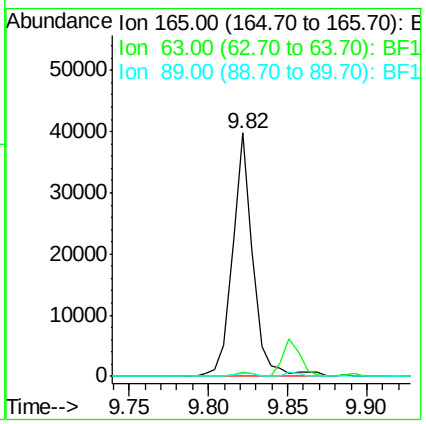


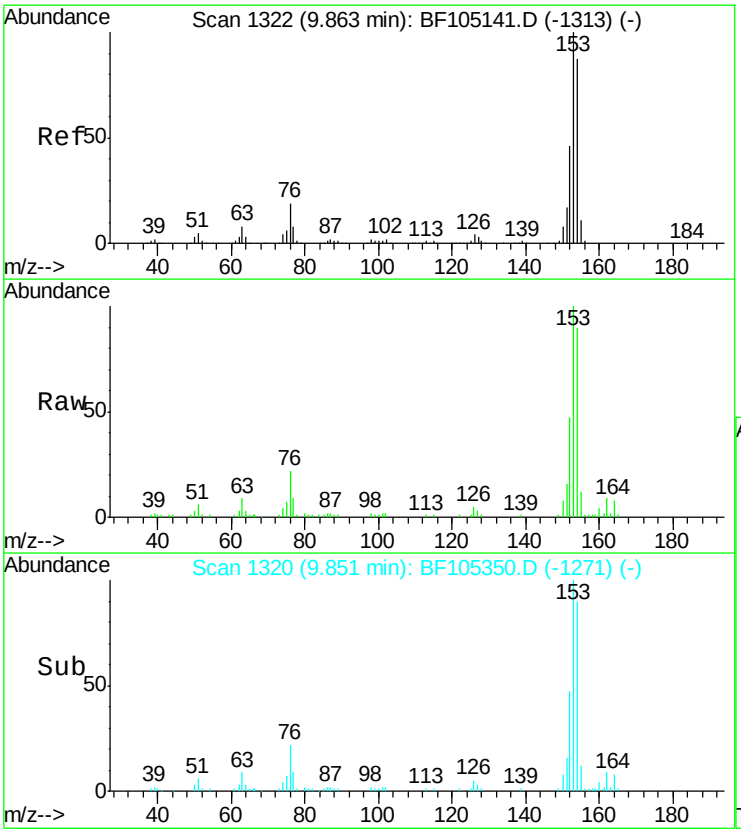
#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35496

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.2	44.0	66.0#

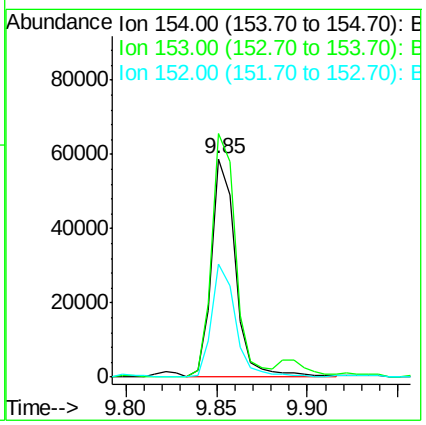


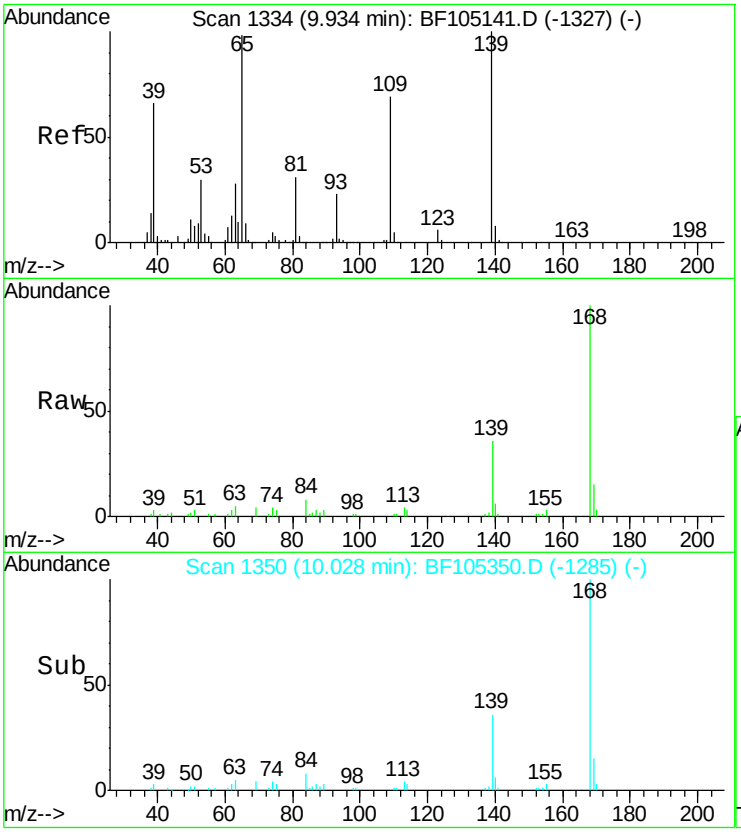


#51
Acenaphthene
Concen: 2.97 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:154 Resp: 54539

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.2	136.8
152	51.9	43.8	65.8



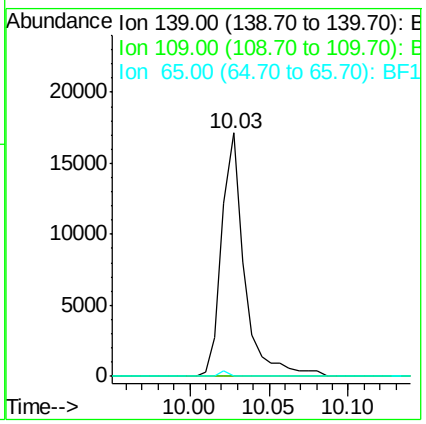


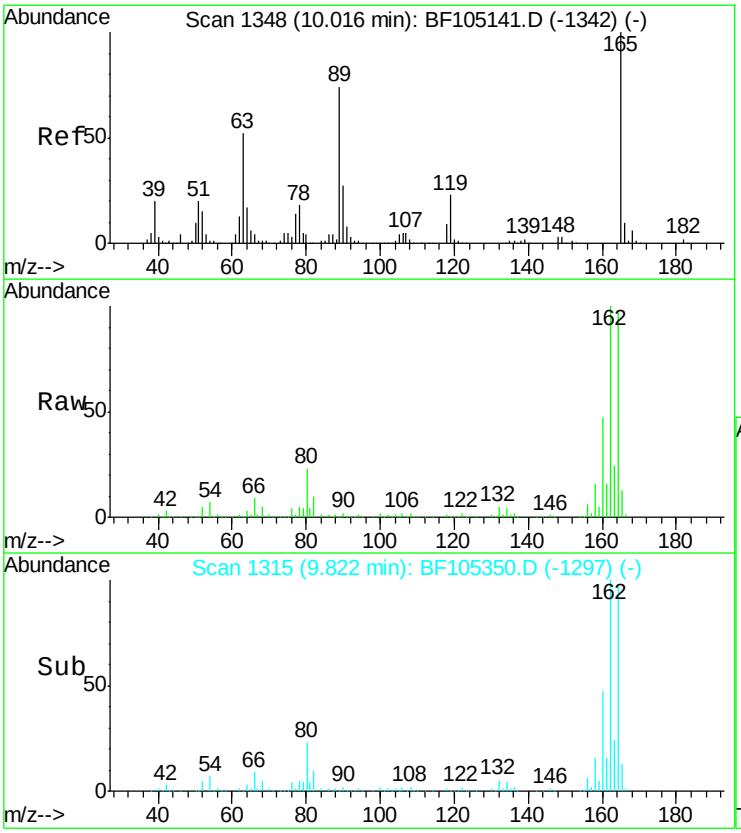
#55
4-Nitrophenol
Concen: 3.94 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.08 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 17030

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

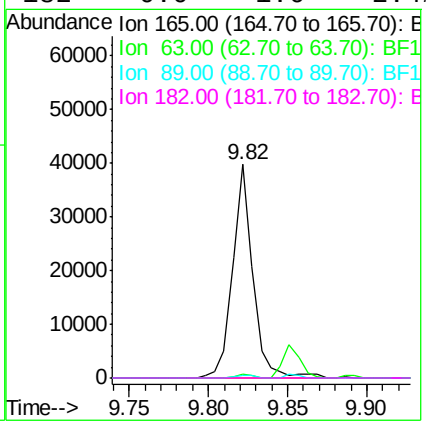


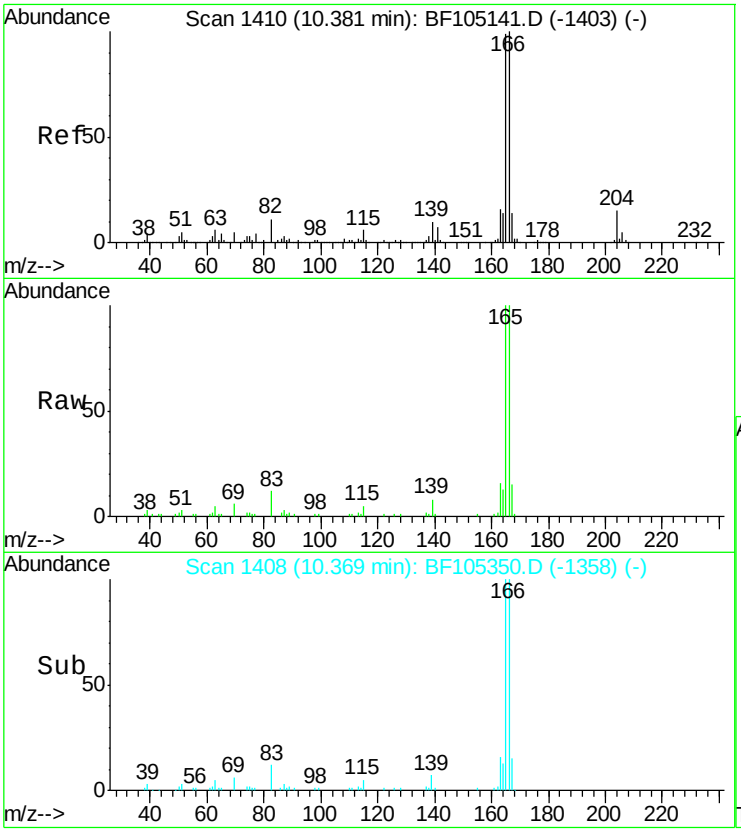


#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:165 Resp: 35496

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



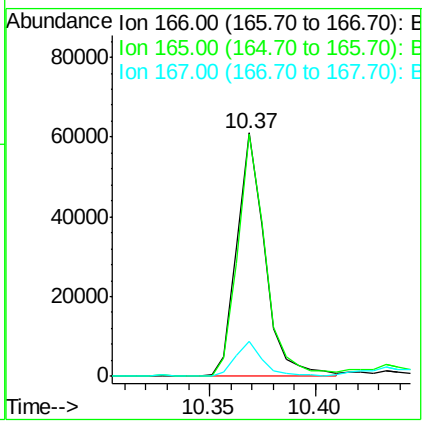


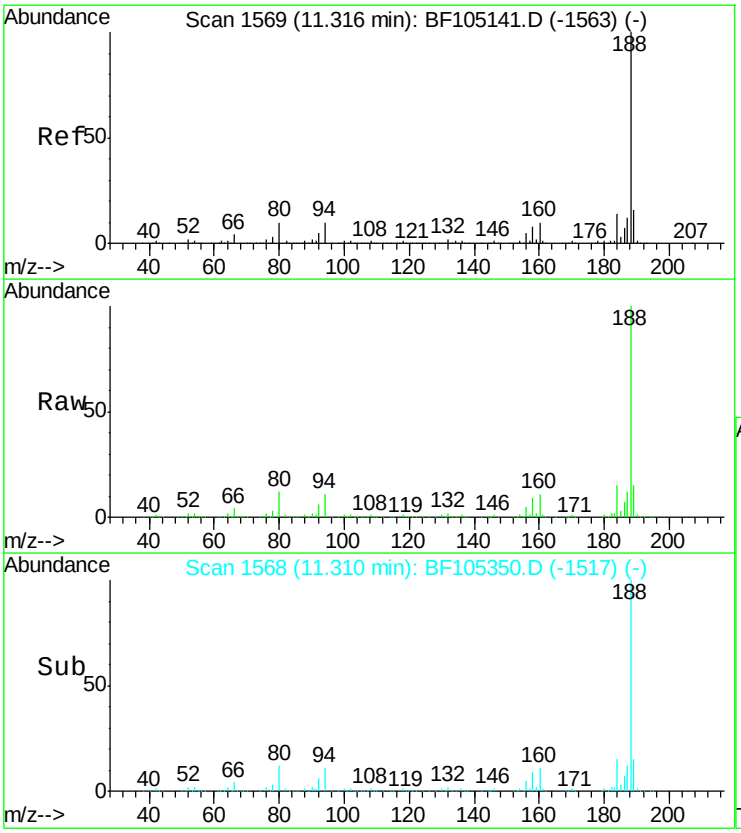
#57
Fluorene
Concen: 3.01 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 56157

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	14.6	10.6	16.0

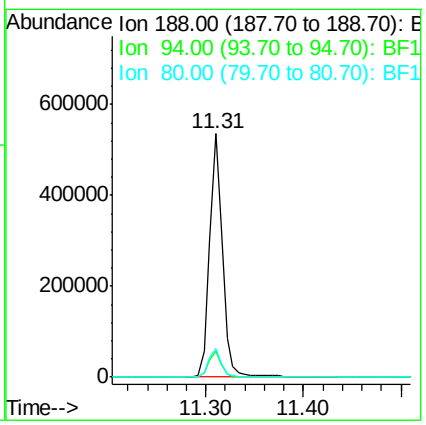


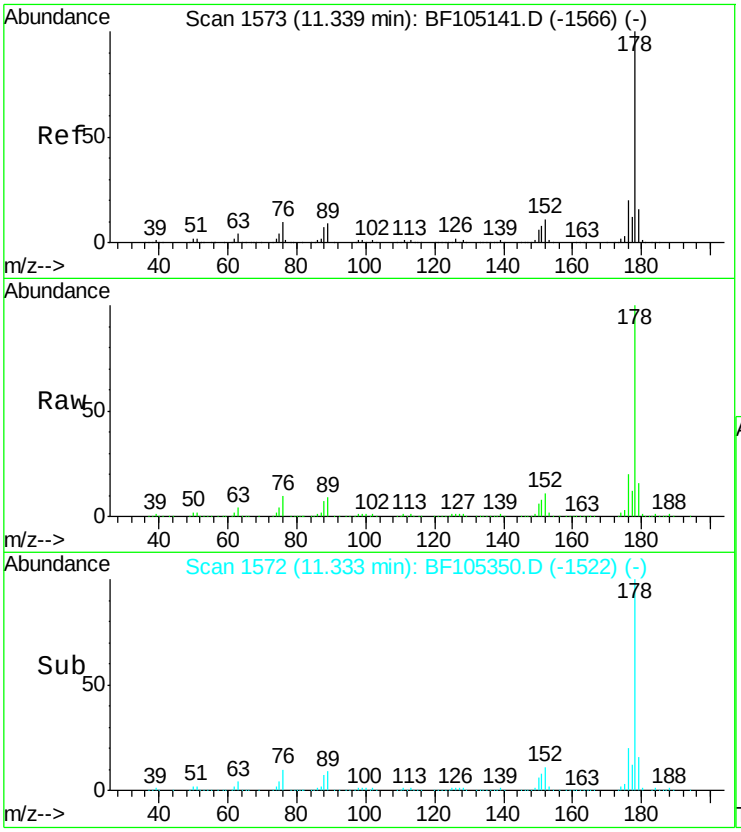


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:188 Resp: 494835

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.8	9.2	13.8



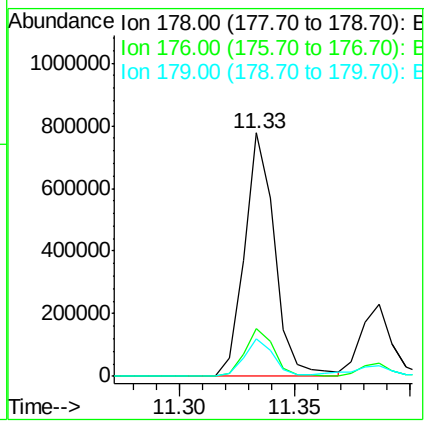


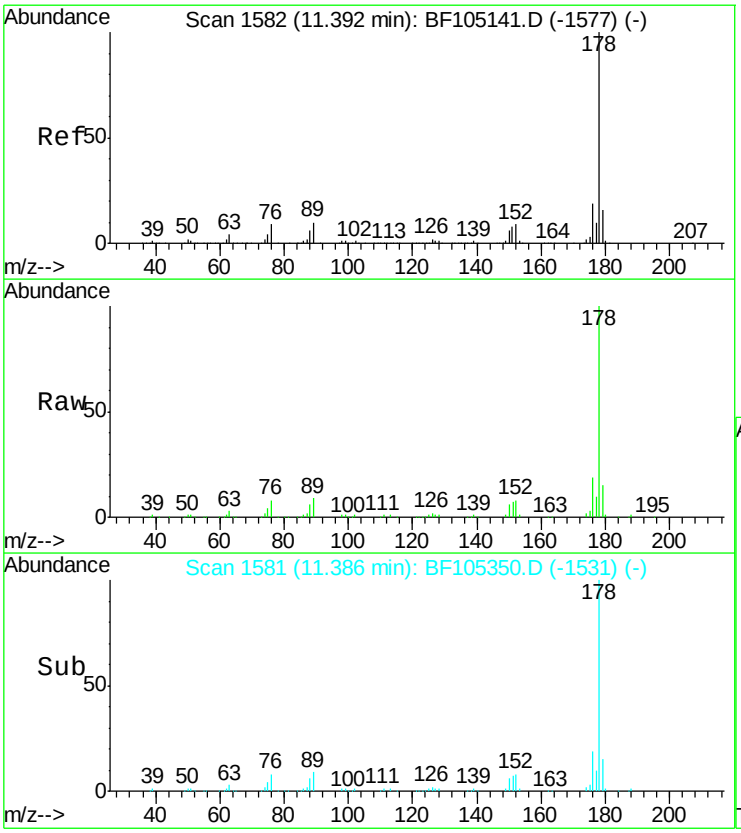
#70
Phenanthrene
Concen: 25.56 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 712886

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6

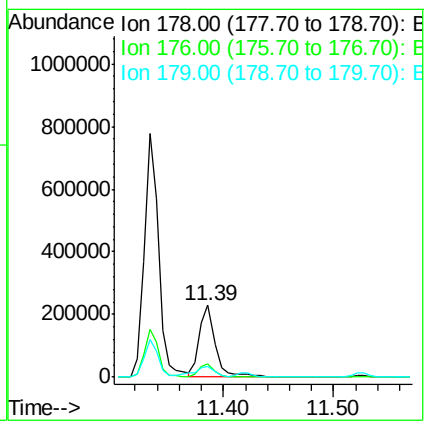


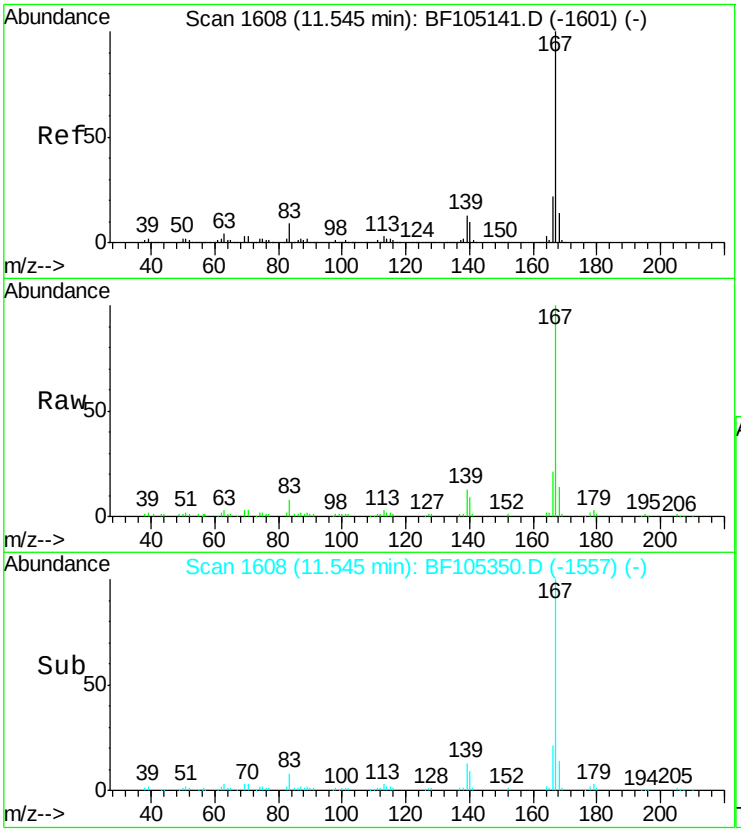


#71
Anthracene
Concen: 7.80 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:178 Resp: 225222

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.9	12.6	19.0



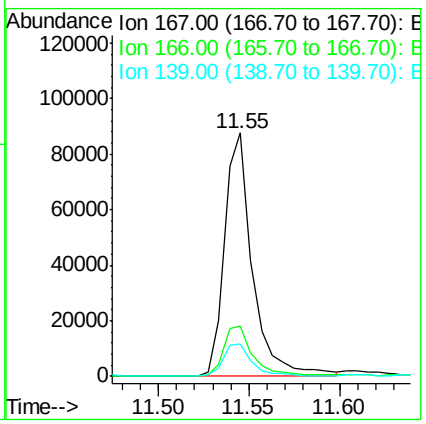


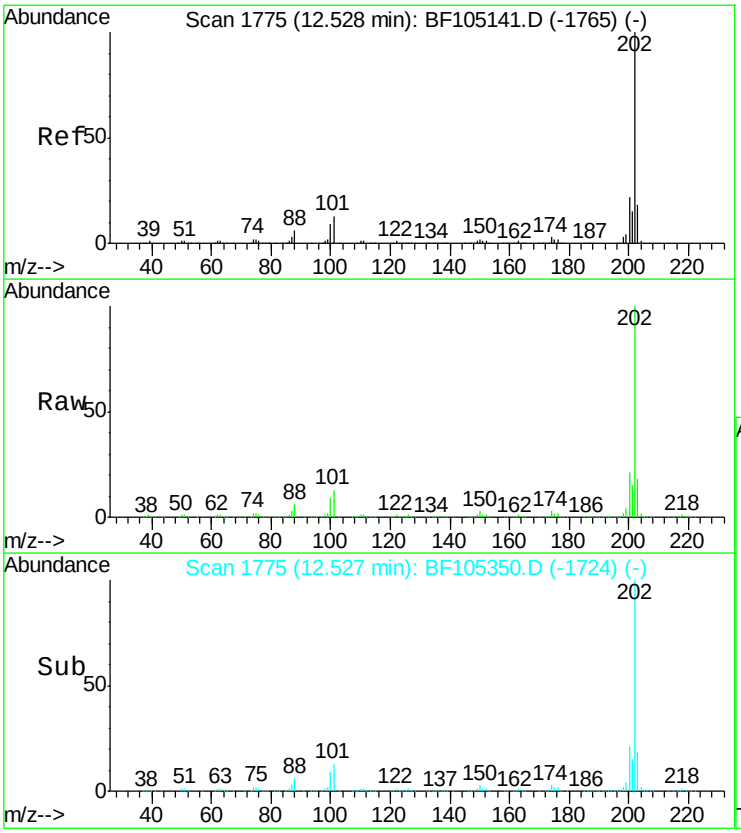
#72
Carbazole
Concen: 3.73 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 94317

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.6	26.4
139	13.2	10.9	16.3

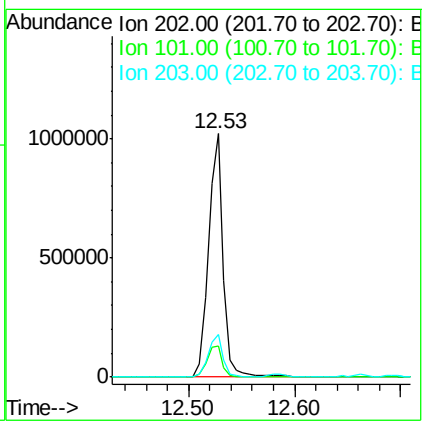


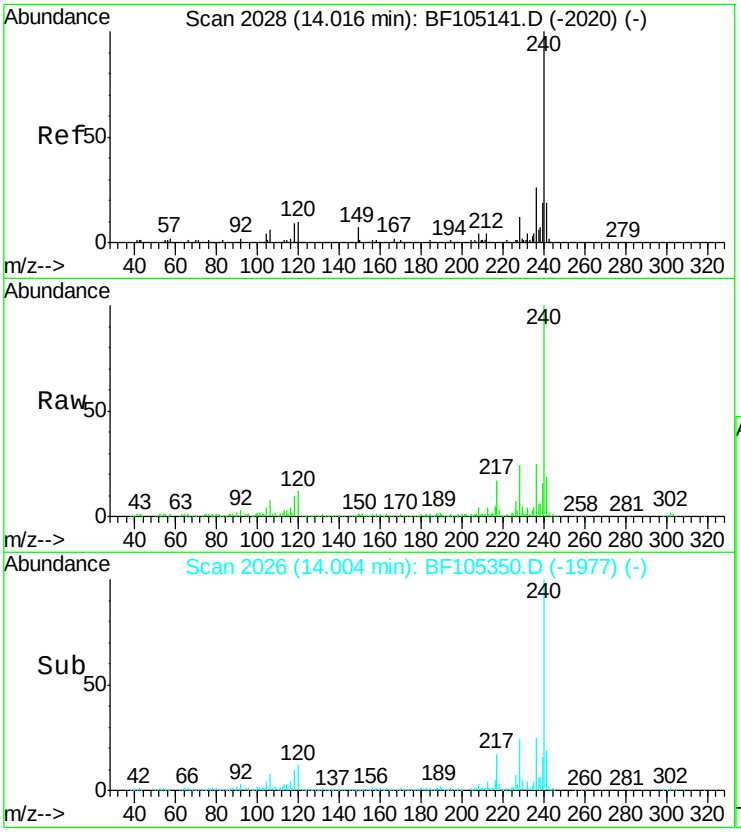


#74
Fluoranthene
Concen: 35.76 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:202 Resp: 991306

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.7	0.0	38.1



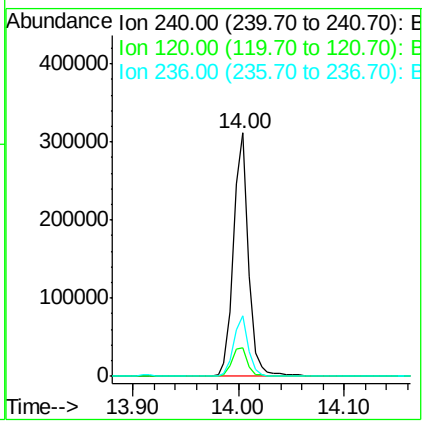


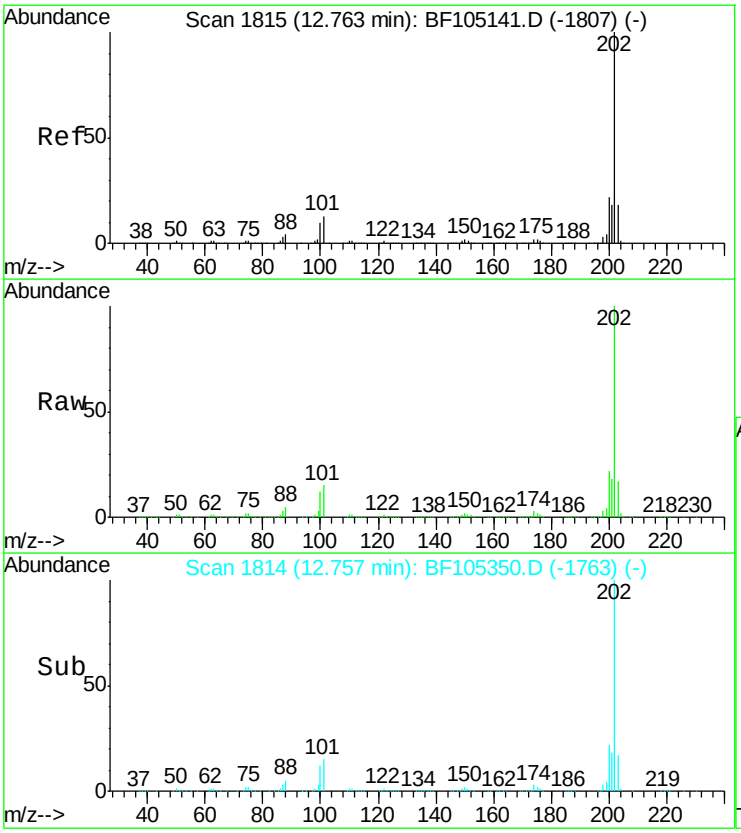
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 300897

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.0	20.7	31.1

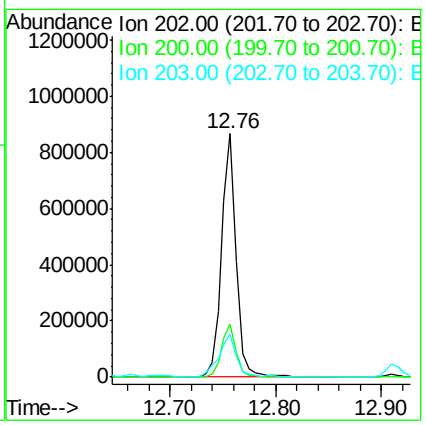


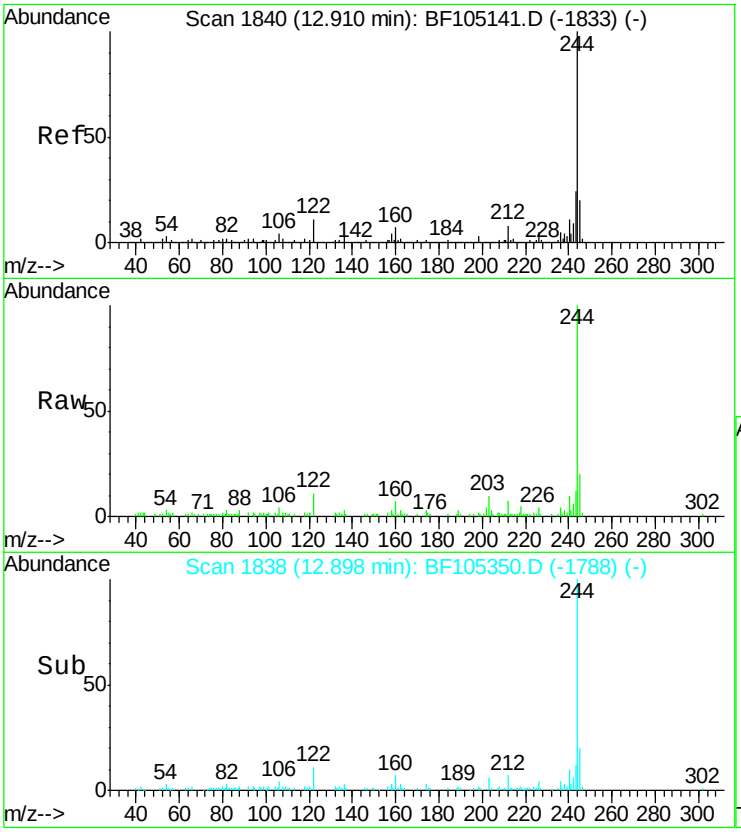


#77
Pyrene
Concen: 36.13 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:202 Resp: 838866

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5



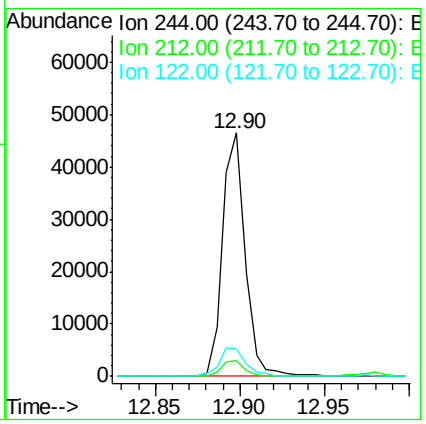


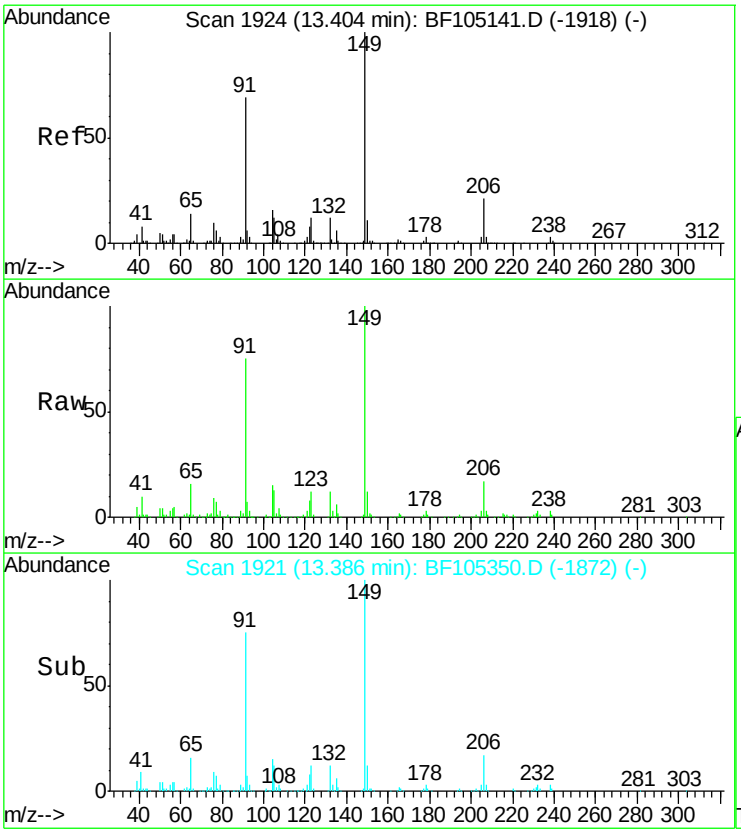
#78
Terphenyl-d14
Concen: 3.10 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 43330

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.1	11.0	16.4

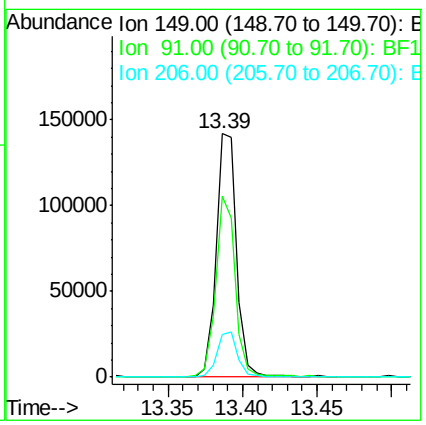


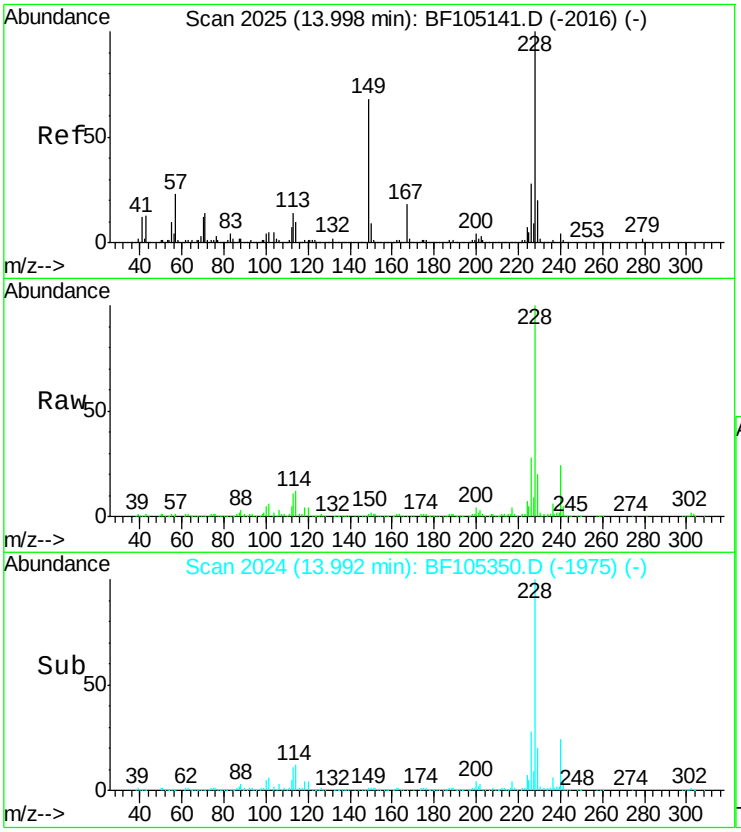


#79
Butylbenzylphthalate
Concen: 13.39 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:149 Resp: 136976

Ion	Ratio	Lower	Upper
149	100		
91	74.5	56.8	85.2
206	17.3	14.1	21.1



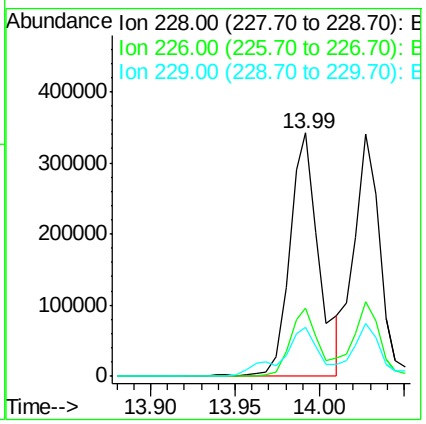


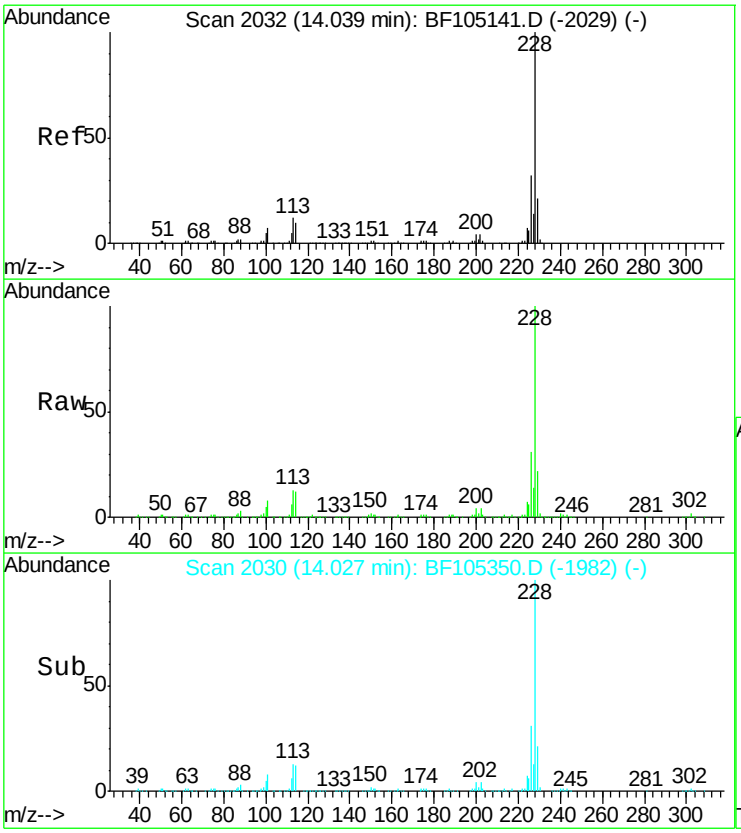
#80
Benzo(a)anthracene
Concen: 23.33 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 409807

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6

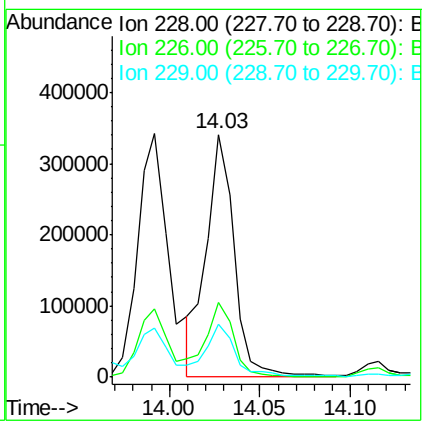


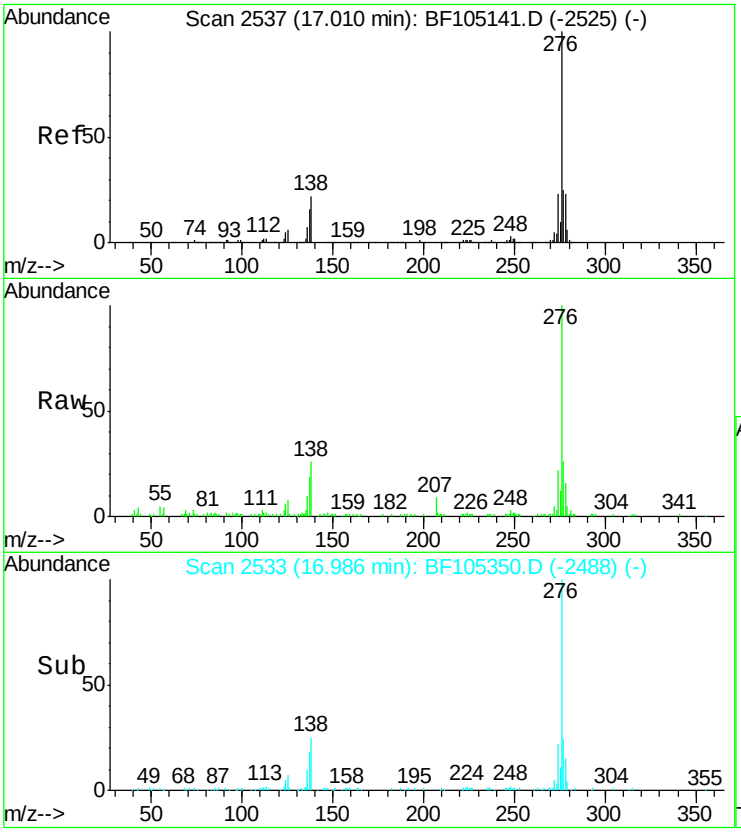


#82
Chrysene
Concen: 21.08 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:228 Resp: 364893

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.7	16.2	24.4



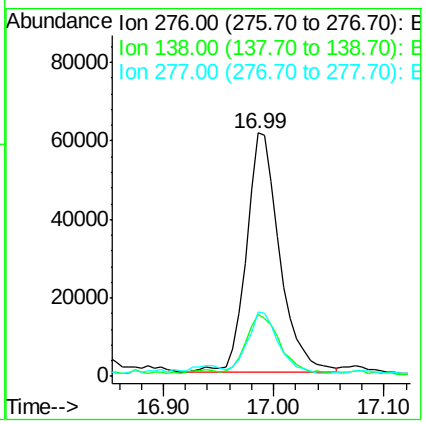


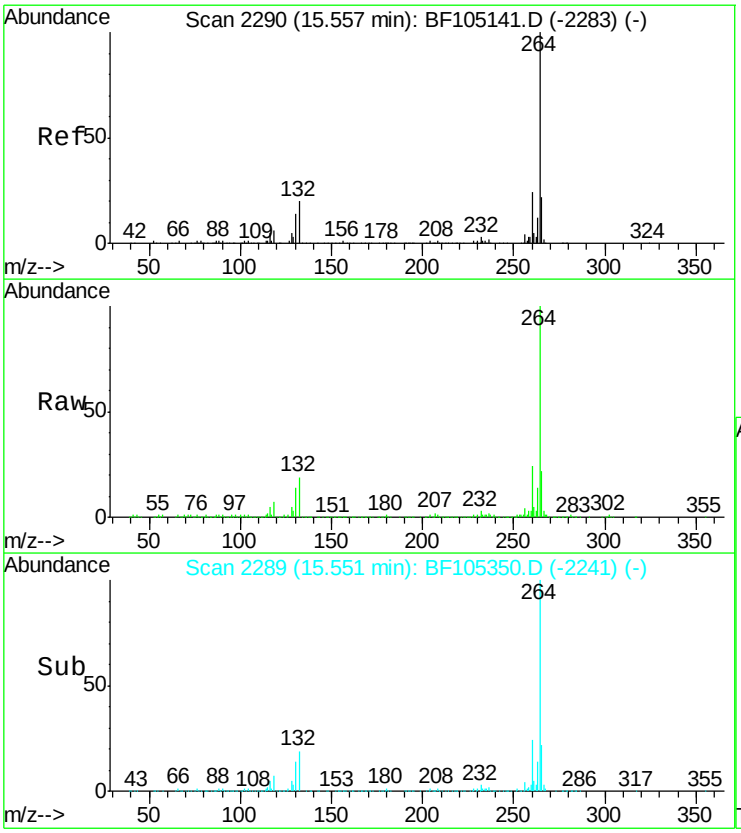
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.10 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 127609

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	24.2	20.1	30.1

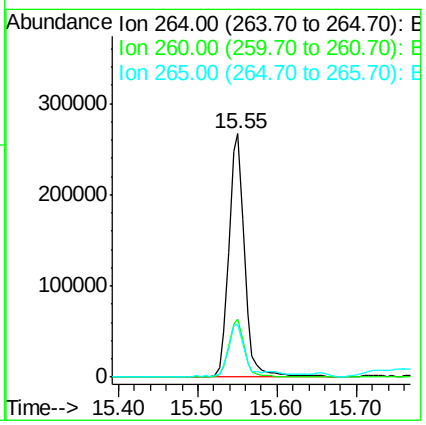


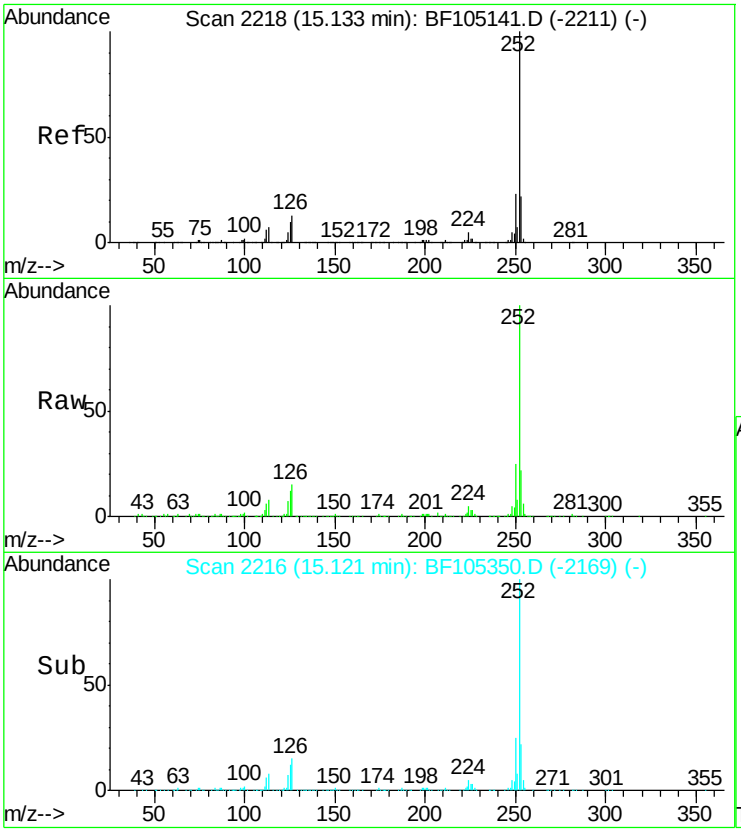


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:264 Resp: 365956

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3



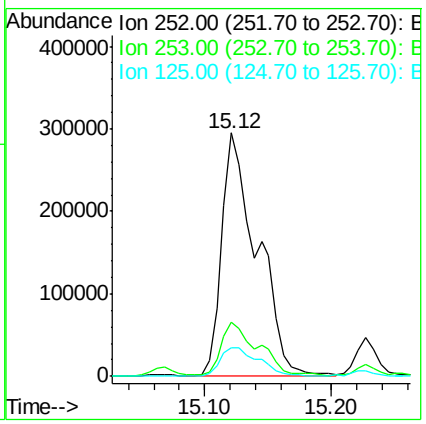


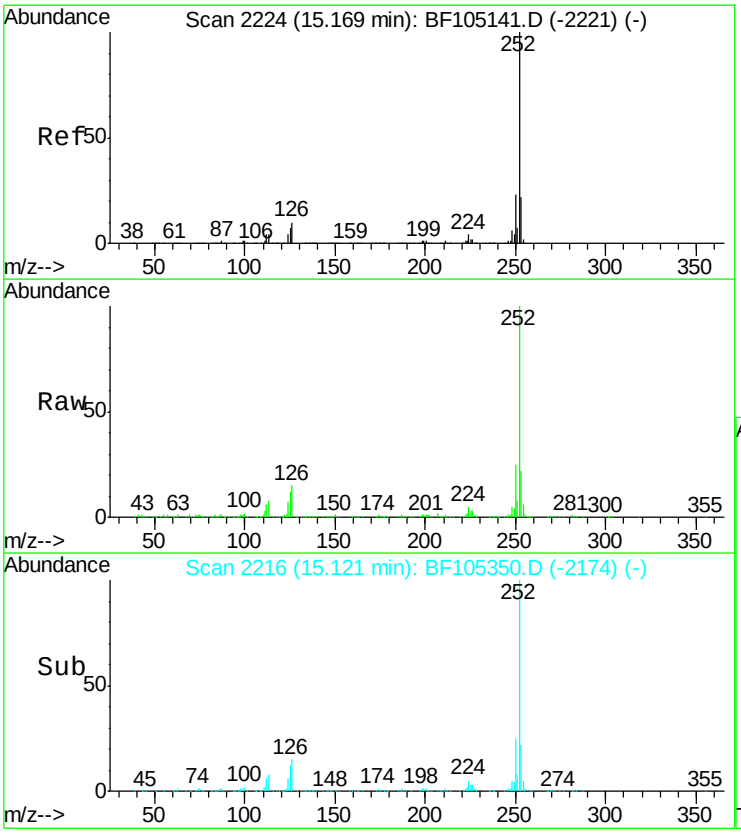
#87
Benzo(b)fluoranthene
Concen: 26.30 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 573654

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.9	9.0	13.6

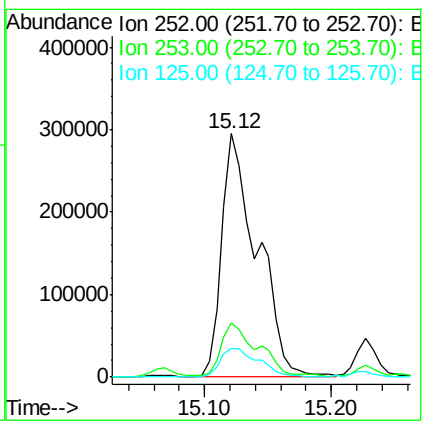


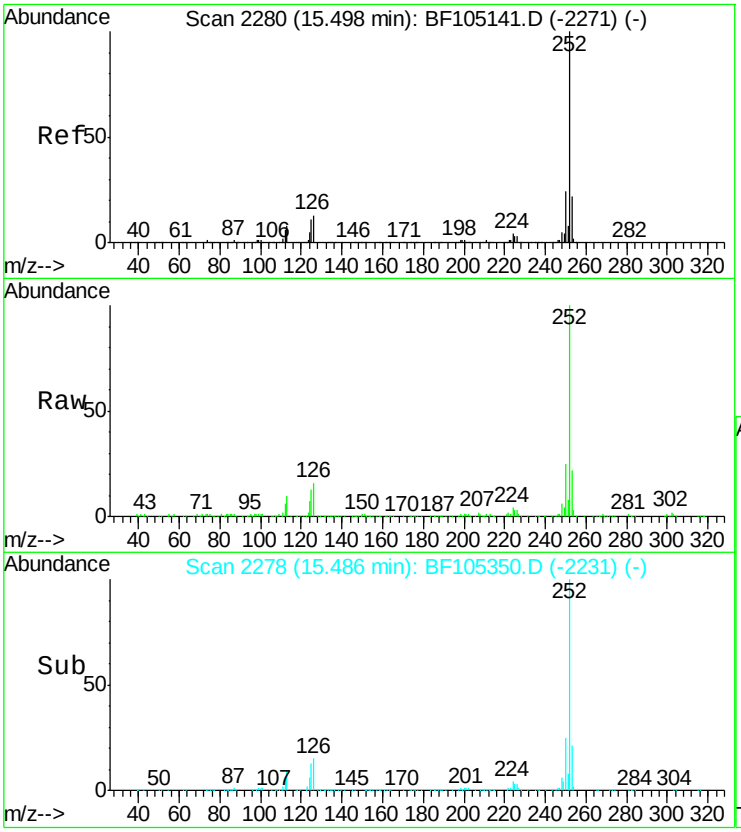


#88
Benzo(k)fluoranthene
Concen: 27.20 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:252 Resp: 573654

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.9	10.2	15.2



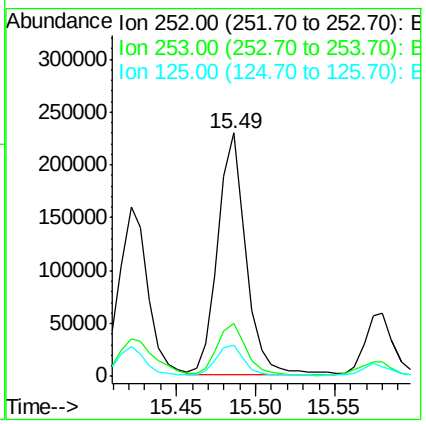


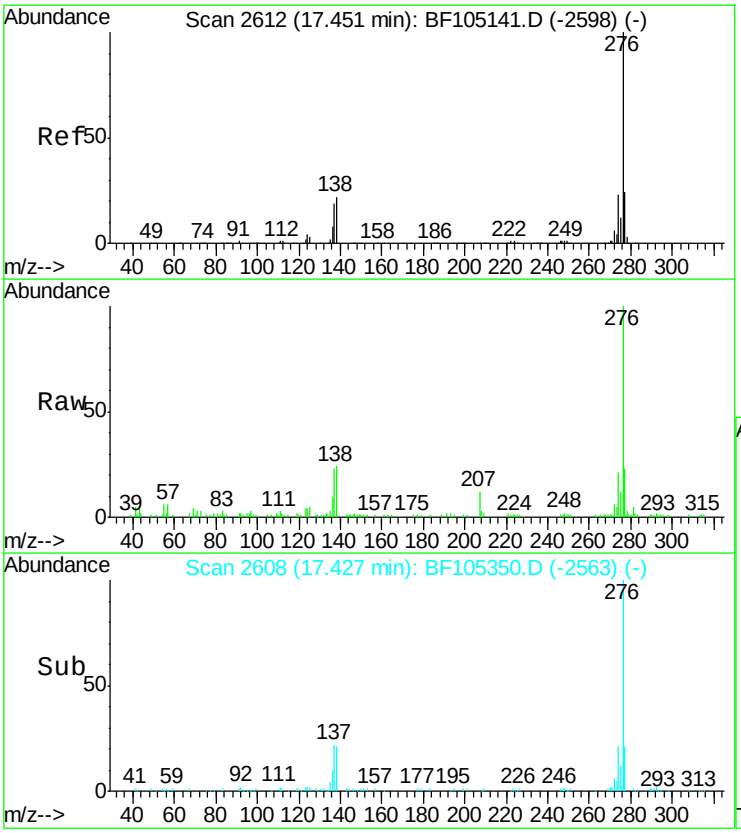
#89
Benzo(a)pyrene
Concen: 13.97 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 283816

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.33 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.04 min
Lab File: BF105350.D
Acq: 12 May 2018 20:50

Tgt Ion:276 Resp: 115887

Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	23.6	21.8	32.8