Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105086.D
Acq On : 3 May 2018 21:25
Operator : JU/SJ
Sample : J2667-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 04 01:59:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	106442	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	451012	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	212285	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	355283	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	211586	20.00	ng		-0.02
86) Perylene-d12	15.57	264	194154	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	759179	109.06	ng		0.00
7) Phenol-d6	6.43	99	920239	107.59	ng		0.00
23) Nitrobenzene-d5	7.35	82	560493	81.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	243287	110.48	ng		-0.02
44) 2-Fluorobiphenyl	9.14	172	1067150	79.41	ng		-0.02
78) Terphenyl-d14	12.90	244	884327	95.29	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	72419	12.96	ng	#	72
25) Isophorone	7.35	82	560490	38.37	ng	#	64
49) Dimethylphthalate	9.54	163	87740	5.24	ng		99
50) 2,6-Dinitrotoluene	9.82	165	26584	8.58	ng	#	25
56) 2,4-Dinitrotoluene	9.82	165	26584	6.54	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.62	198	472	7.58	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	14885	3.94	ng	#	1
70) Phenanthrene	11.33	178	182099	9.20	ng		99
74) Fluoranthene	12.53	202	233740	11.31	ng		97
76) Benzidine	12.90	184	11660	Below	Cal		97
77) Pyrene	12.76	202	189770	12.10	ng		99
80) Benzo(a)anthracene	14.00	228	91785	7.26	ng		98
82) Chrysene	14.03	228	83485	6.43	ng		98
85) Indeno(1,2,3-cd)pyrene	17.05	276	43546	3.95	ng	#	91
87) Benzo(b)fluoranthene	15.13	252	143492	11.70	ng		98
88) Benzo(k)fluoranthene	15.13	252	143492	12.39	ng		98
89) Benzo(a)pyrene	15.50	252	79689	7.26	ng		97
91) Benzo(g,h,i)perylene	17.50	276	42833	4.91	ng		97

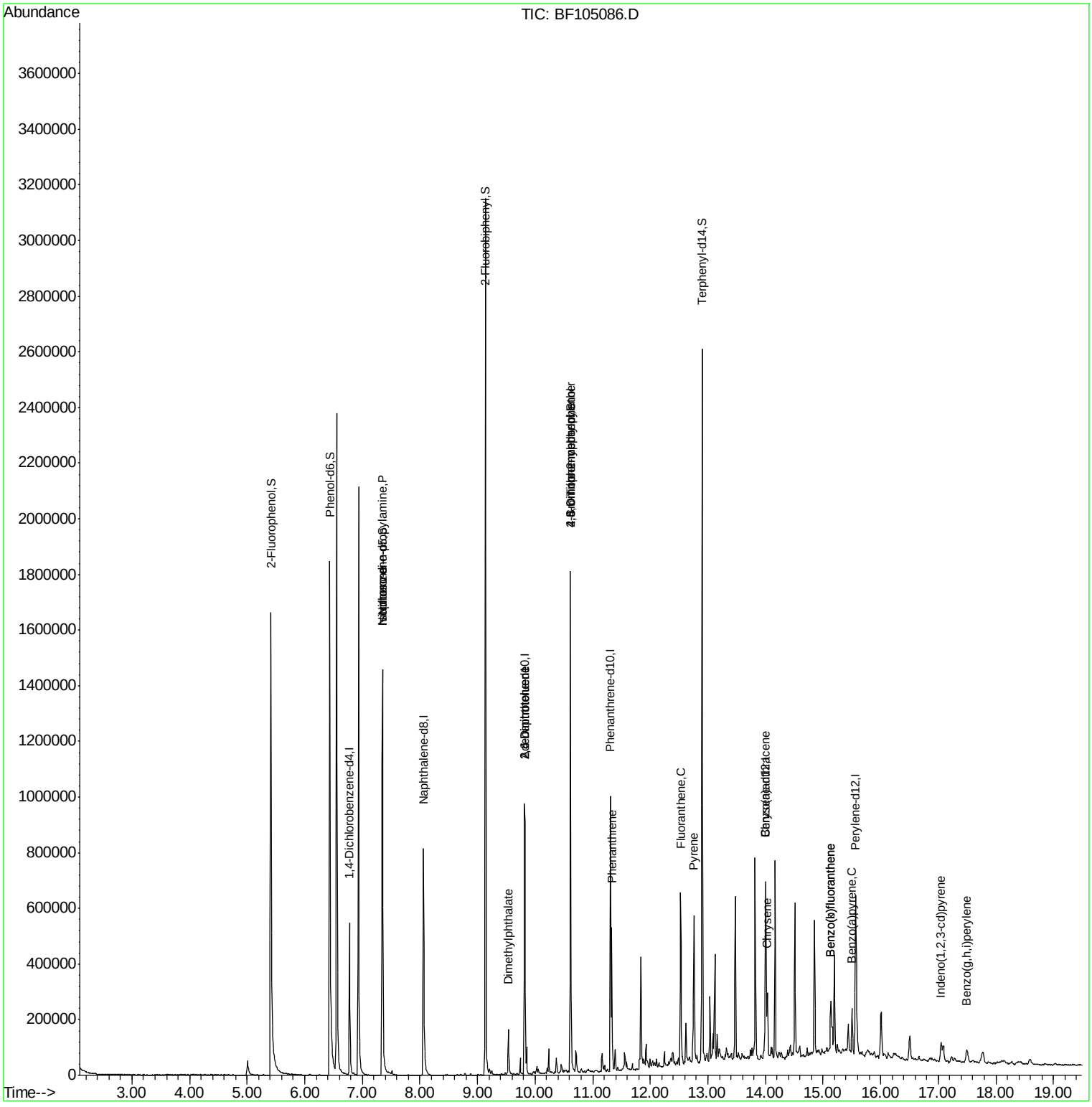
(#) = qualifier out of range (m) = manual integration (+) = signals summed

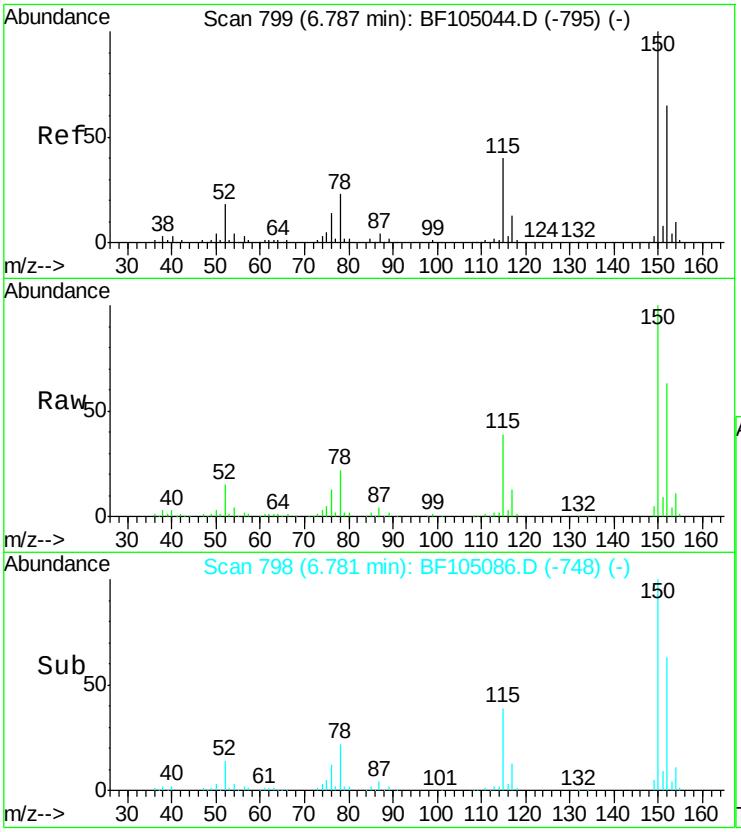
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105086.D
Acq On : 3 May 2018 21:25
Operator : JU/SJ
Sample : J2667-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 04 01:59:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration



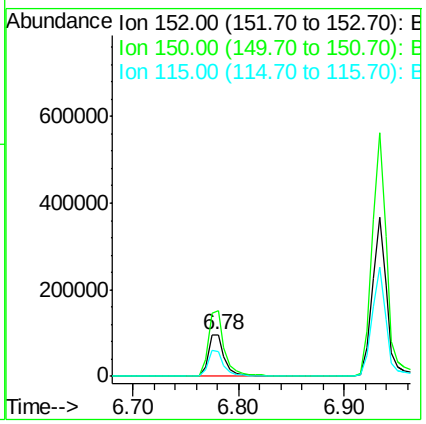


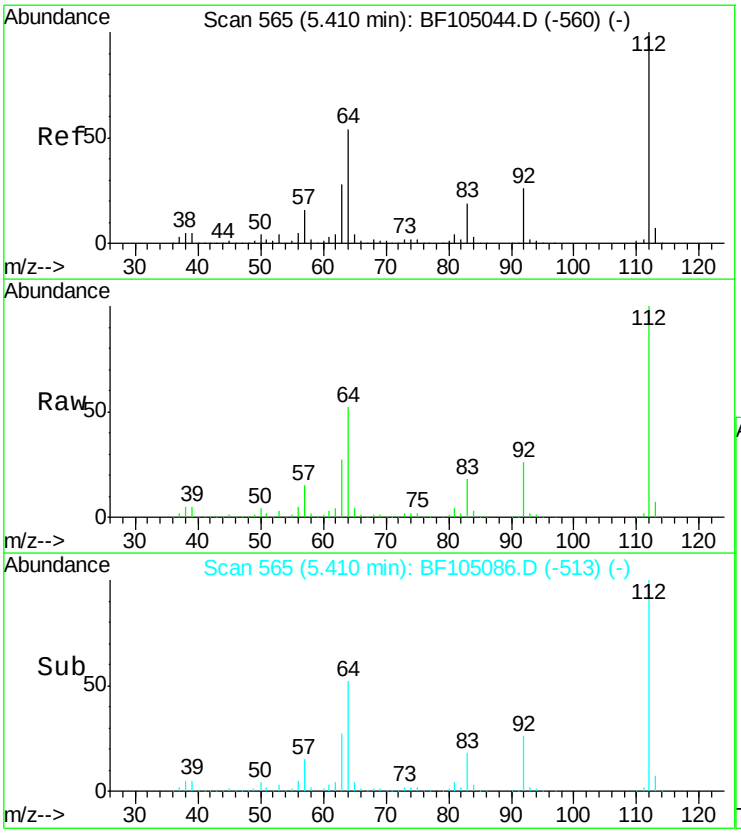
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106442

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.8	50.1	75.1

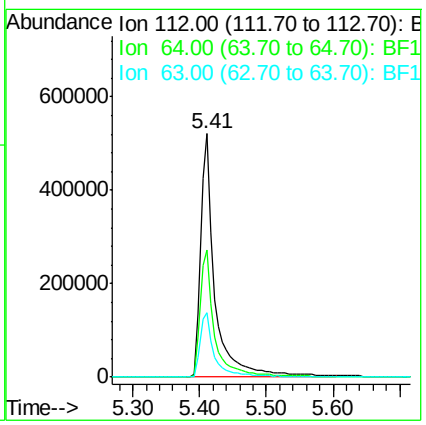


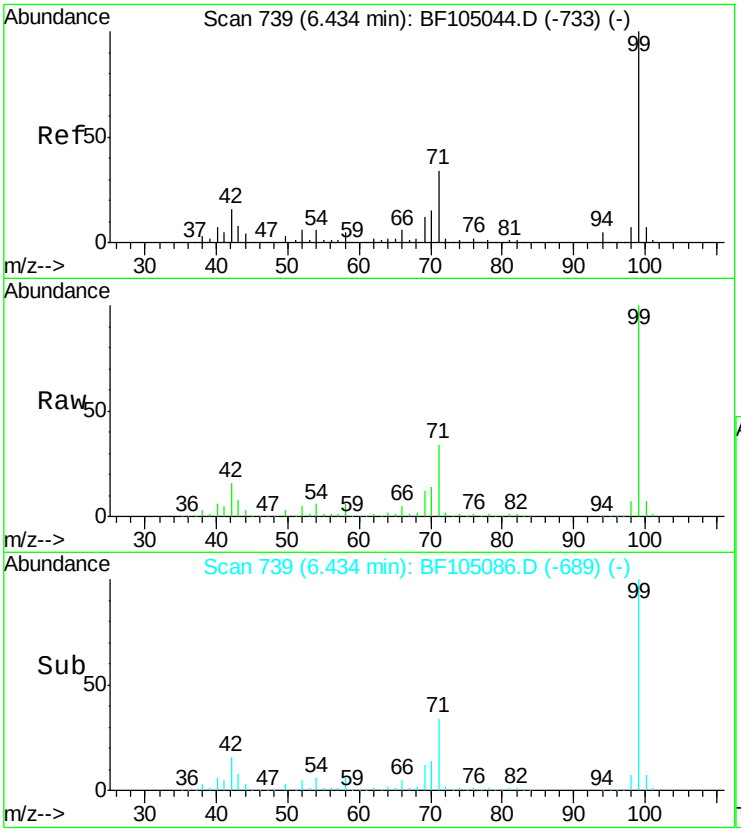


#5
2-Fluorophenol
Concen: 109.06 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:112 Resp: 759179

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	26.7	23.7	35.5



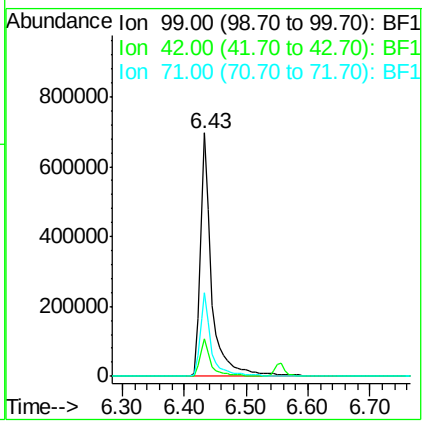


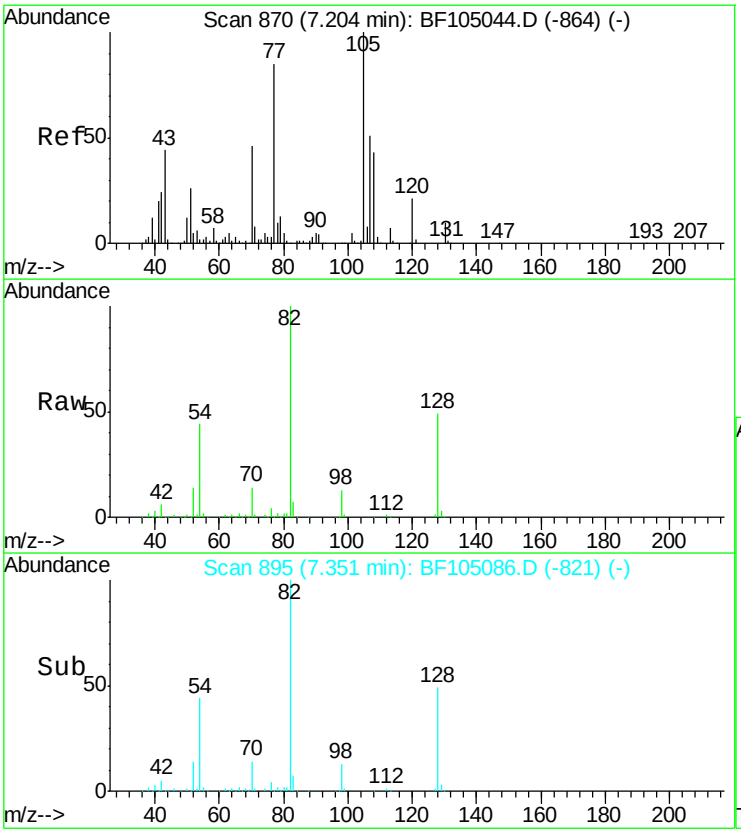
#7
Phenol-d6
Concen: 107.59 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 920239

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	34.5	25.4	38.0

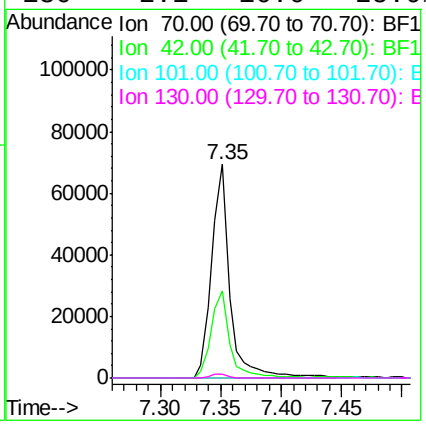


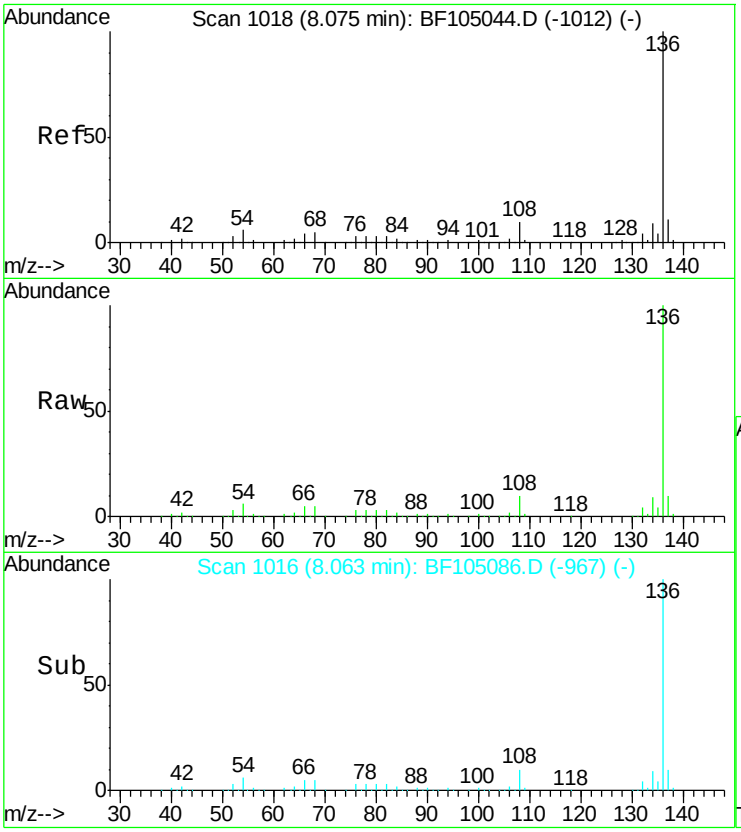


#19
n-Nitroso-di-n-propylamine
Concen: 12.96 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion: 70 Resp: 72419

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



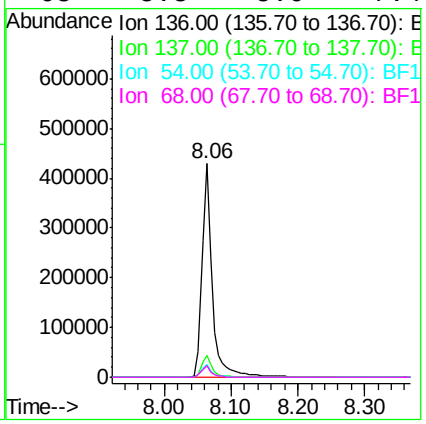


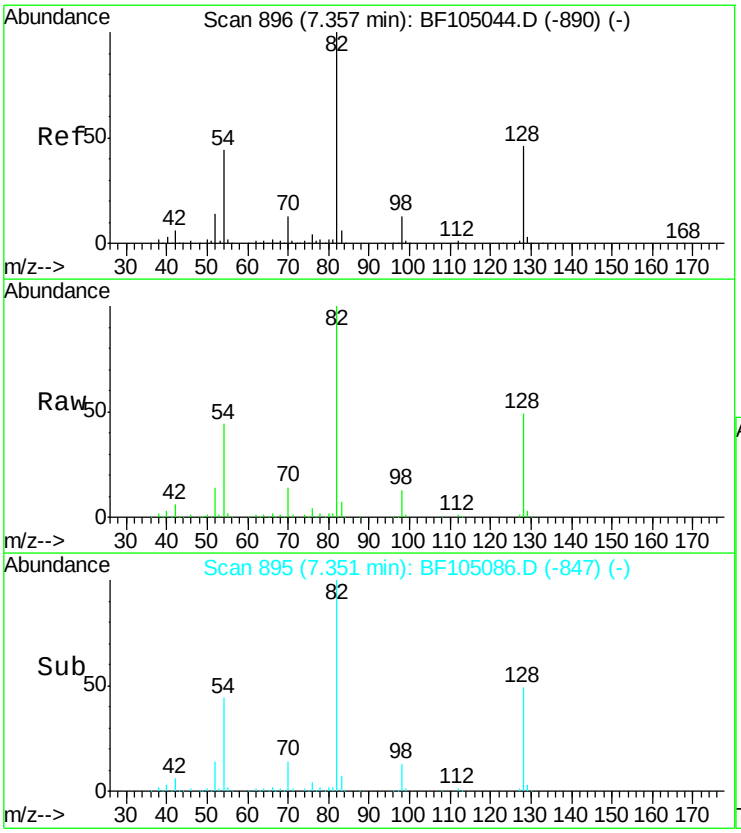
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 451012

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

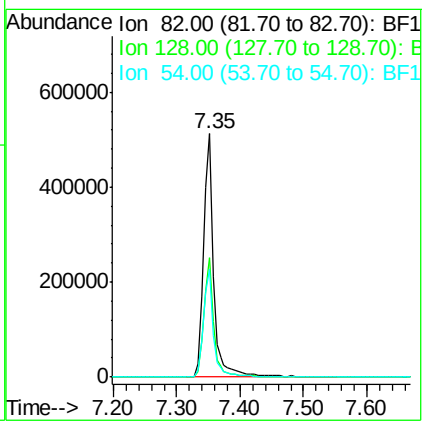


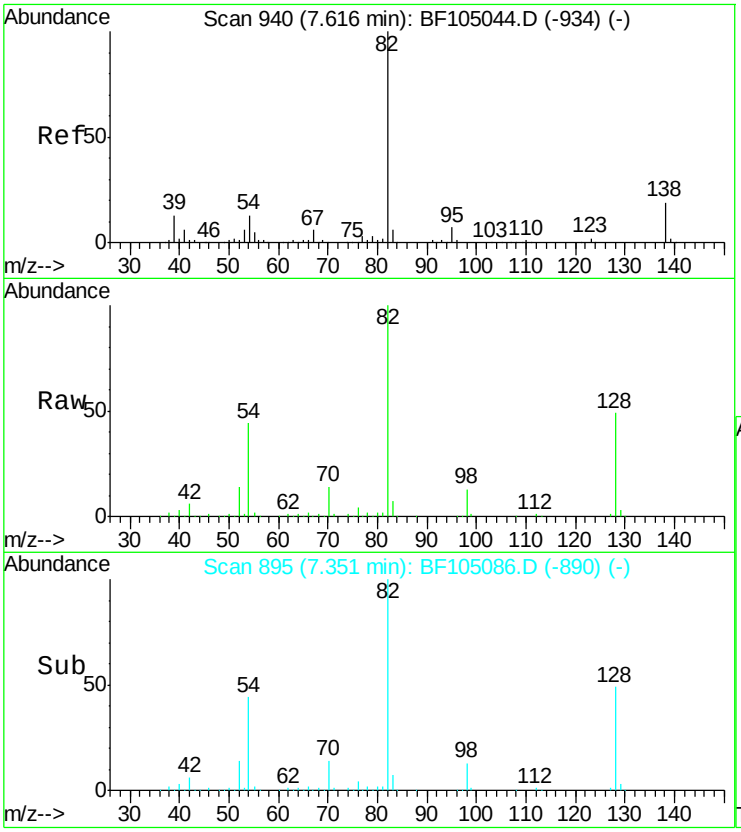


#23
Nitrobenzene-d5
Concen: 81.15 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion: 82 Resp: 560493

Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	44.4	41.4	62.2



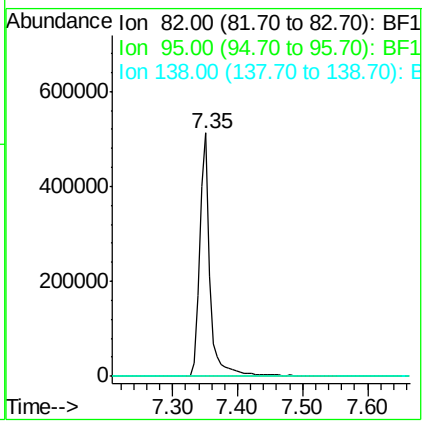


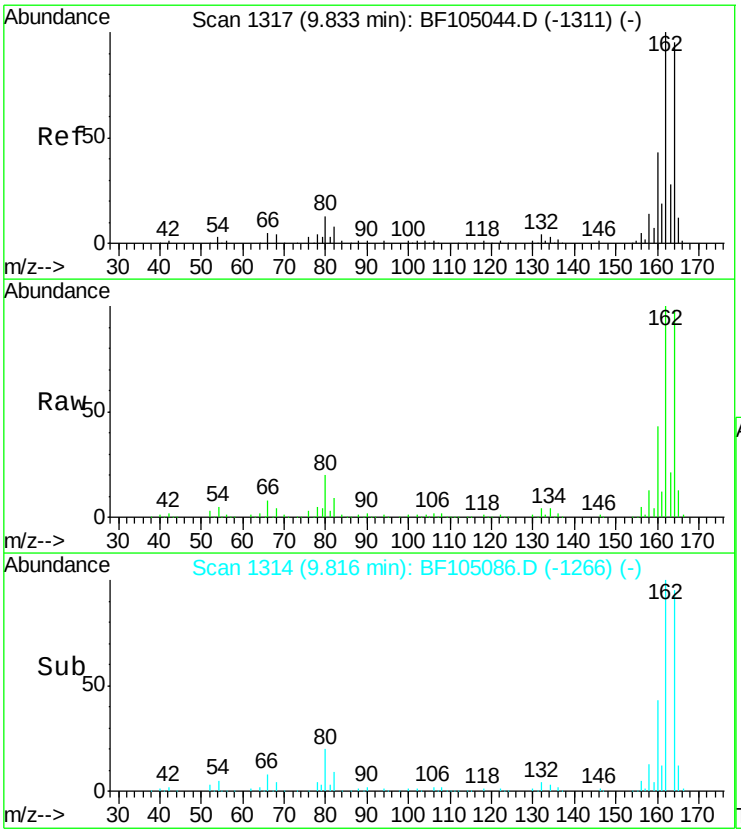
#25
Isophorone
Concen: 38.37 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 560490

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

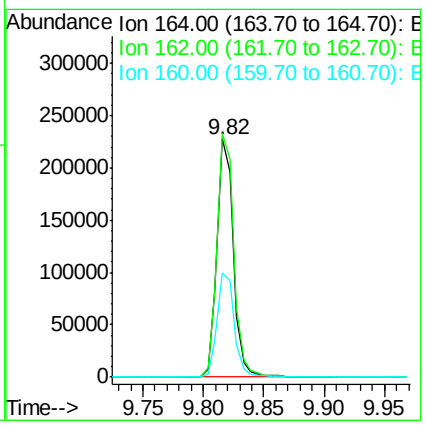


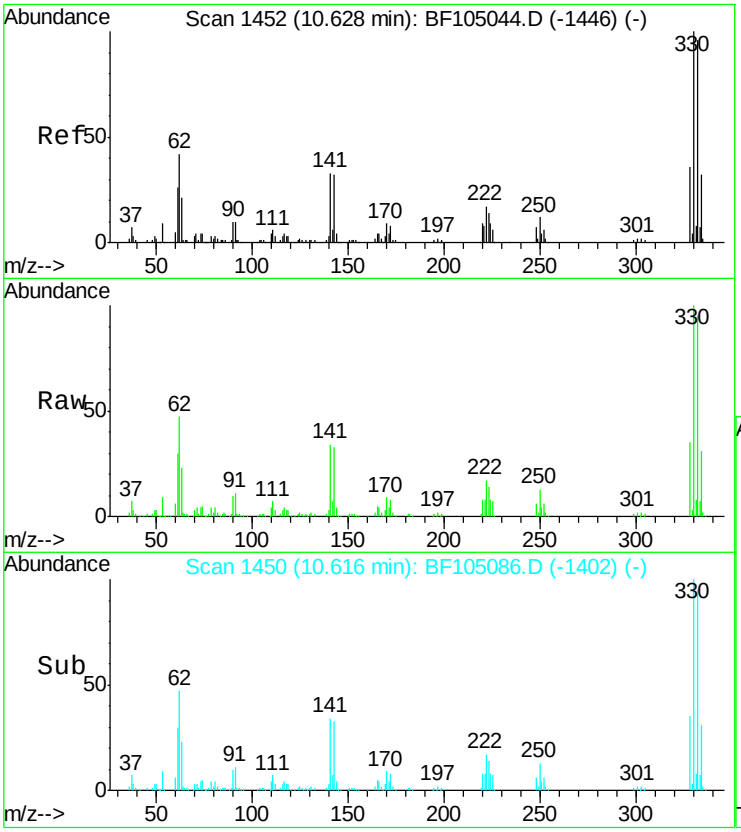


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:164 Resp: 212285

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	43.8	38.3	57.5



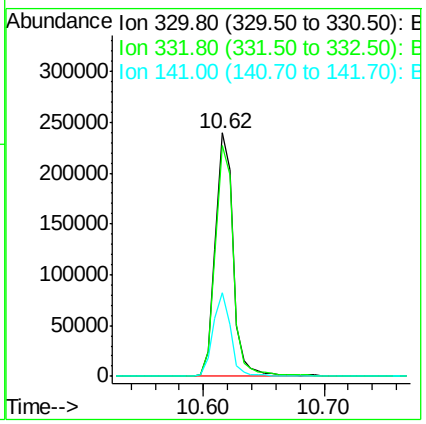


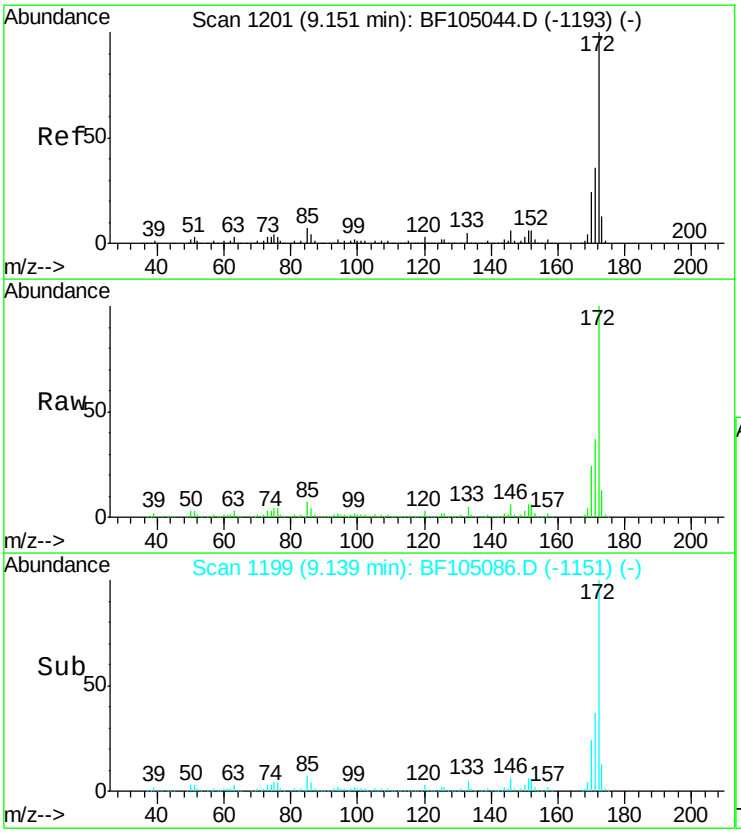
#41
2,4,6-Tribromophenol
Concen: 110.48 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 243287

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.8	29.9	44.9

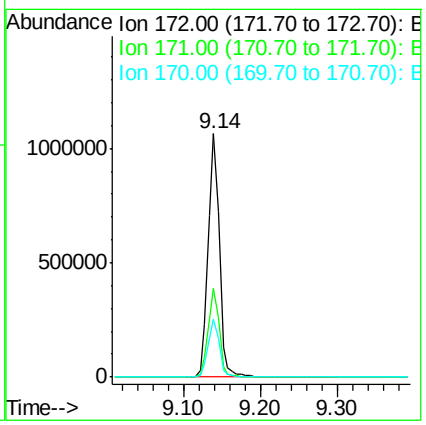


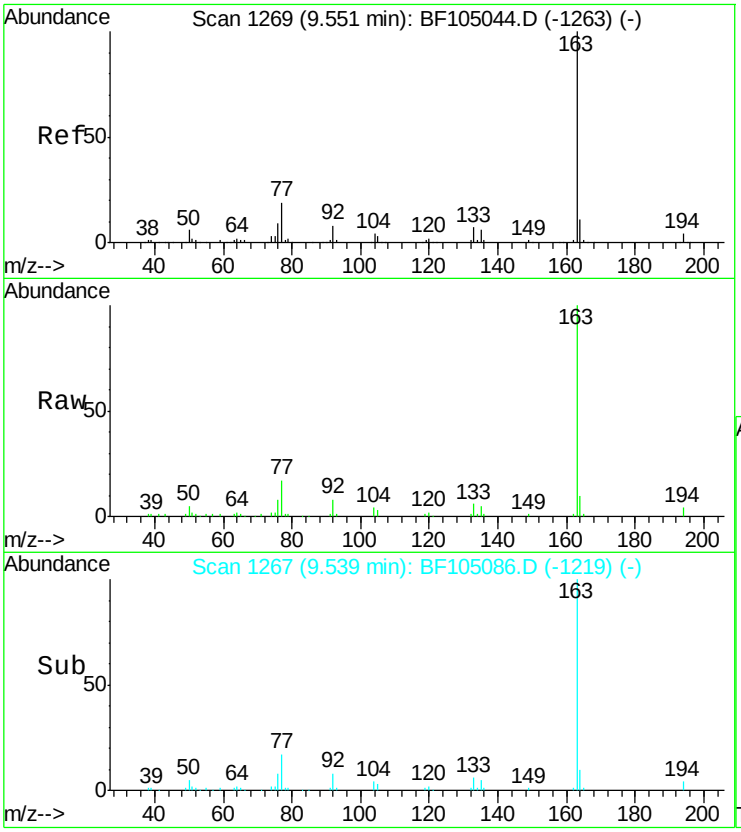


#44
2-Fluorobiphenyl
Concen: 79.41 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:172 Resp: 1067150

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4



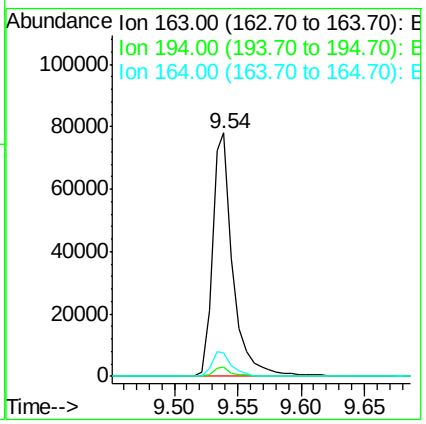


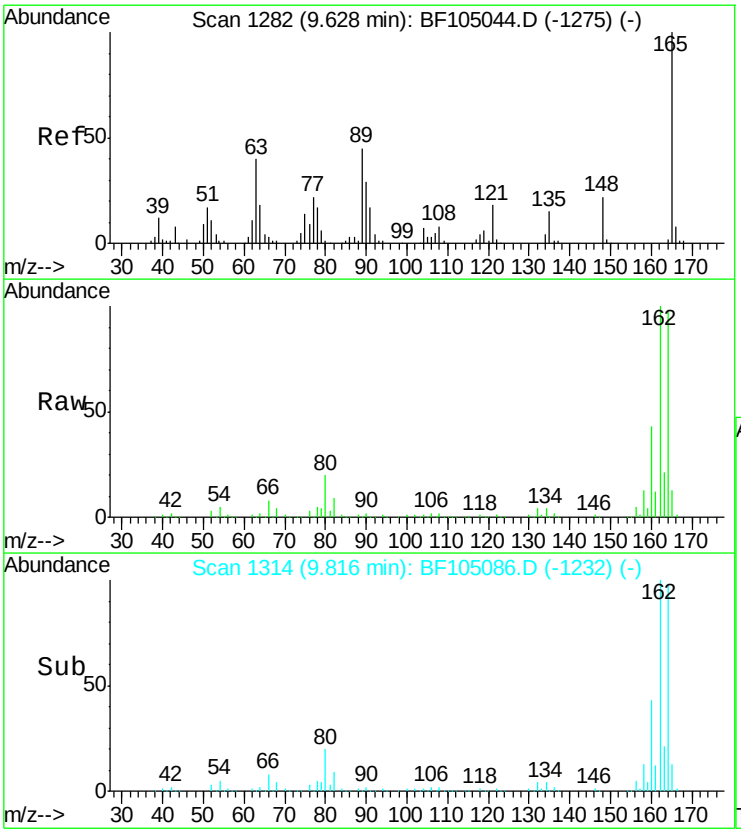
#49
Dimethylphthalate
Concen: 5.24 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 87740

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.7	8.2	12.2

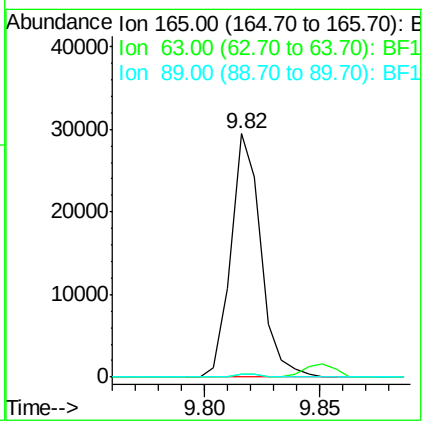


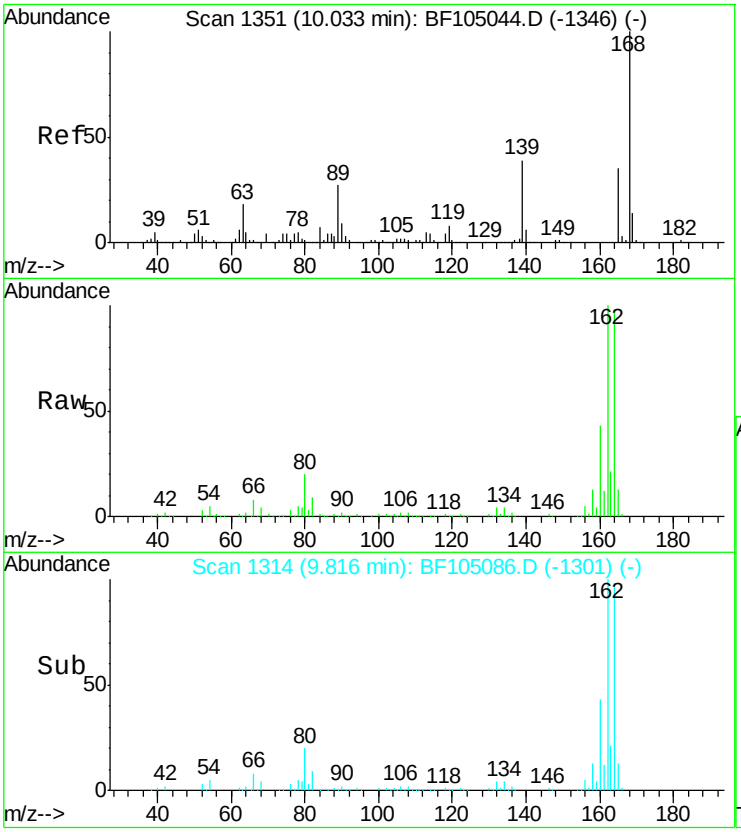


#50
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.18 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:165 Resp: 26584

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



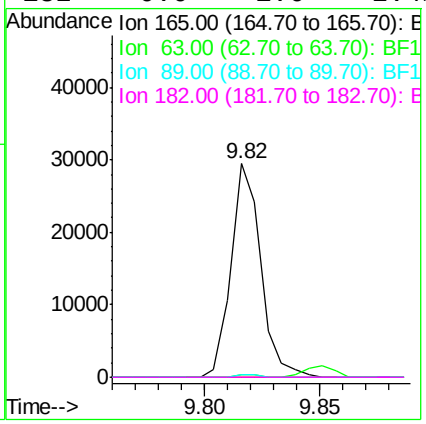


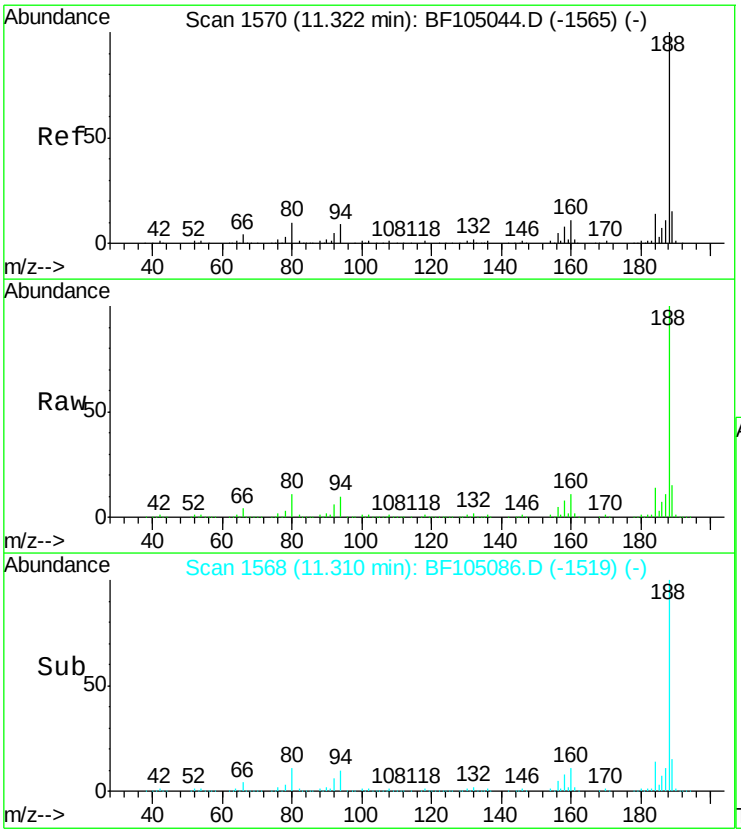
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.22 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26584

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

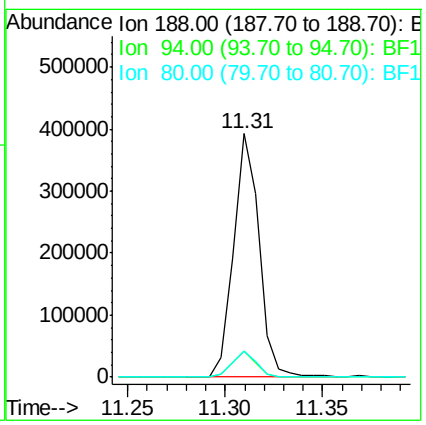


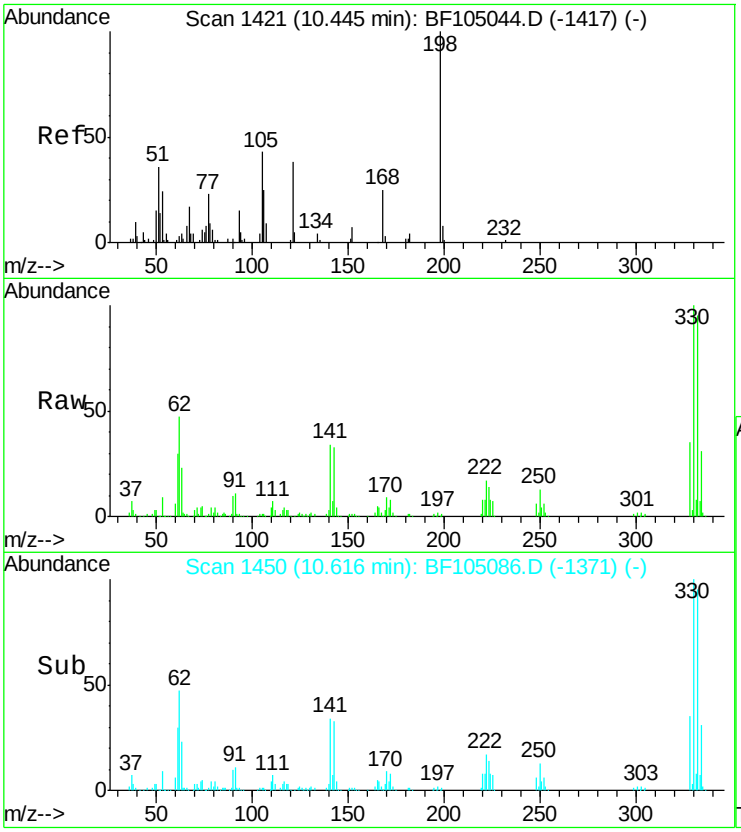


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:188 Resp: 355283

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.9	9.2	13.8



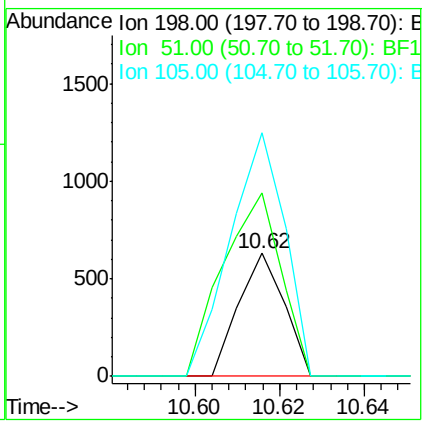


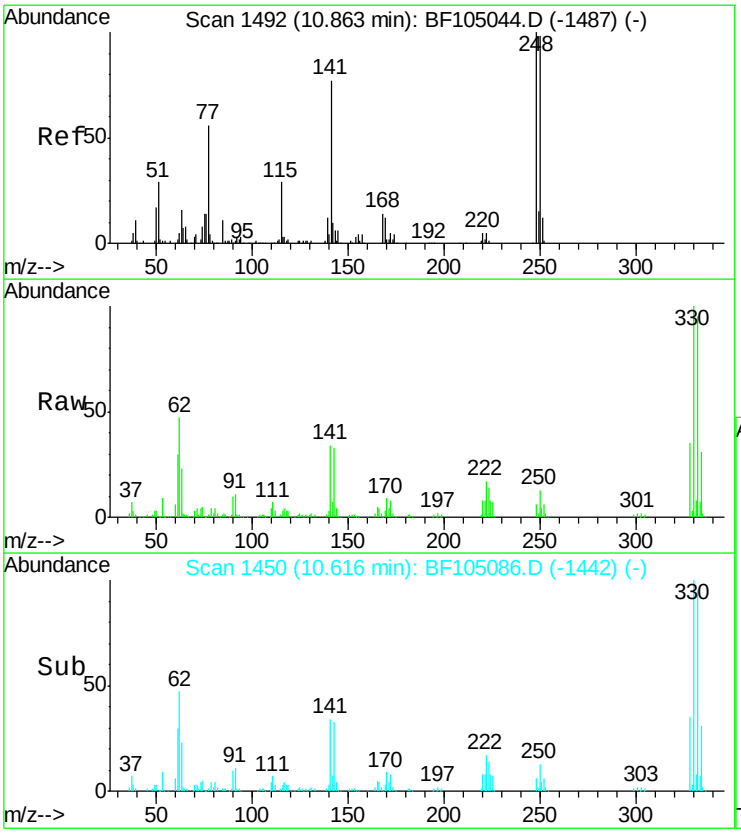
#64
4,6-Dinitro-2-methylphenol
Concen: 7.58 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.16 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 472

Ion	Ratio	Lower	Upper
198	100		
51	149.2	37.7	77.7#
105	198.1	36.3	76.3#

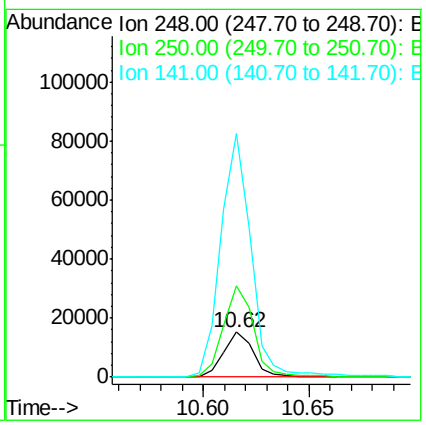


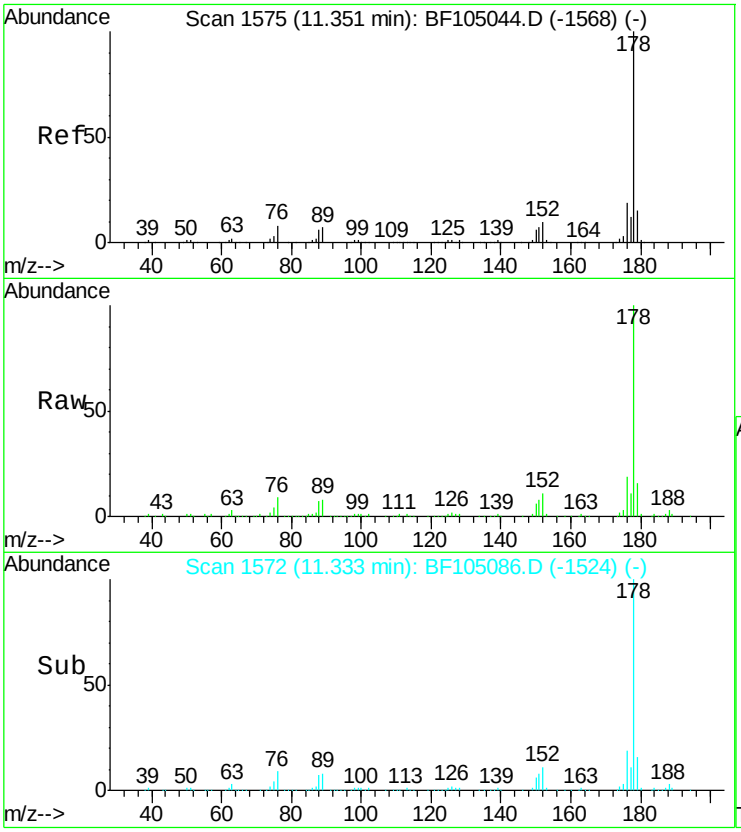


#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:248 Resp: 14885

Ion	Ratio	Lower	Upper
248	100		
250	203.6	76.9	115.3#
141	541.3	74.4	111.6#



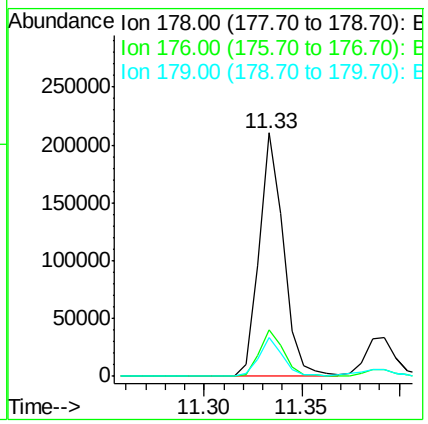


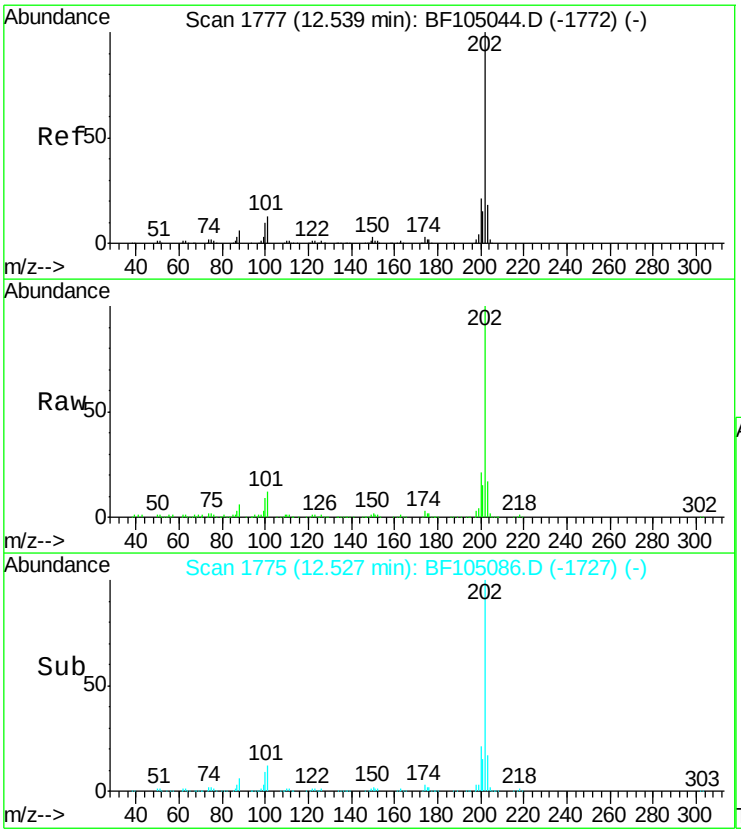
#70
Phenanthrene
Concen: 9.20 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 182099

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.9	13.0	19.6

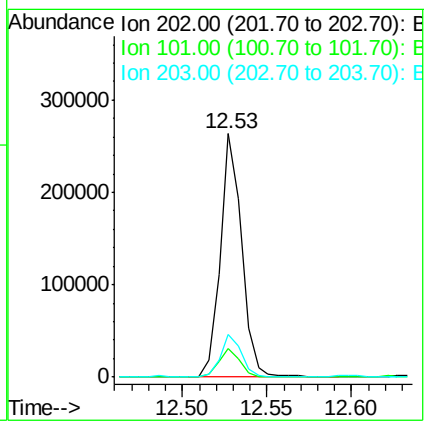


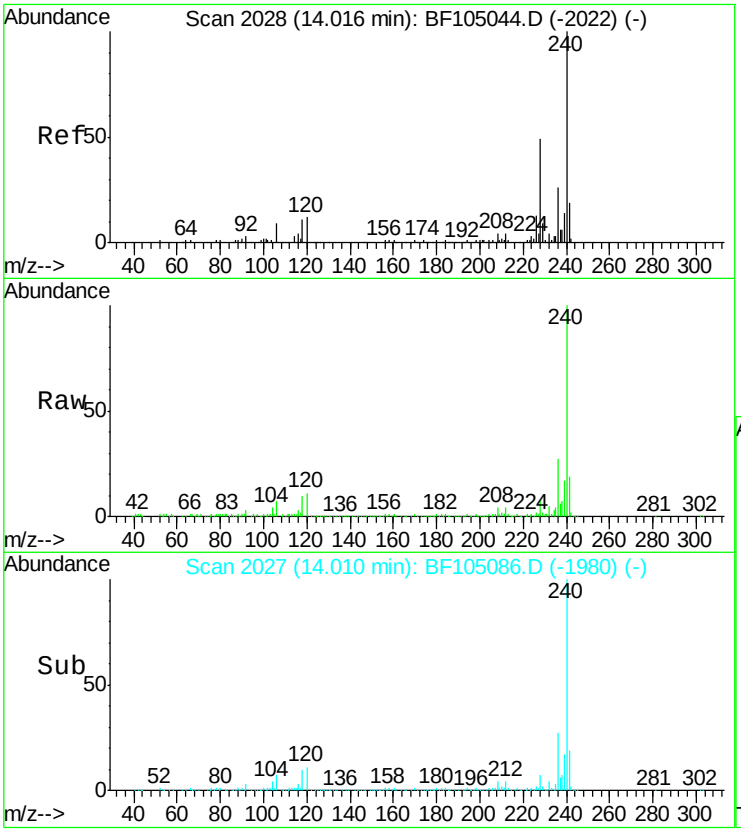


#74
Fluoranthene
Concen: 11.31 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:202 Resp: 233740

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.5	0.0	38.1



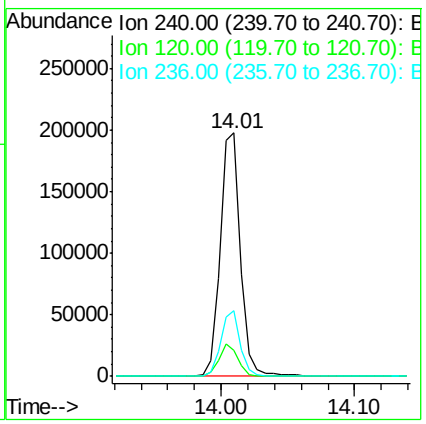


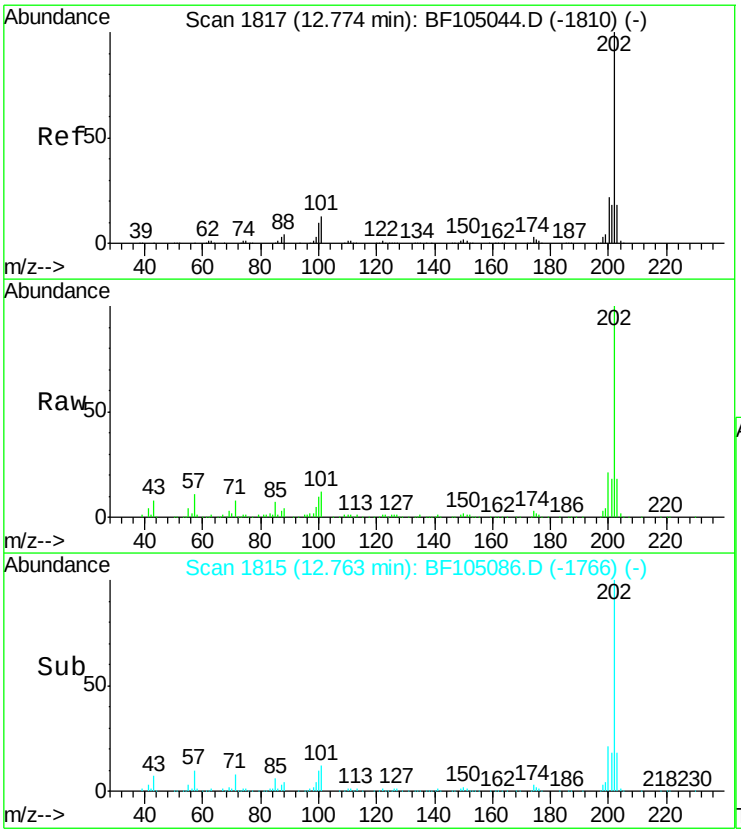
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 211586

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	27.0	20.7	31.1

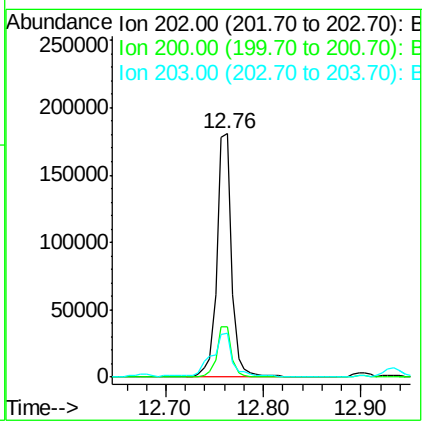


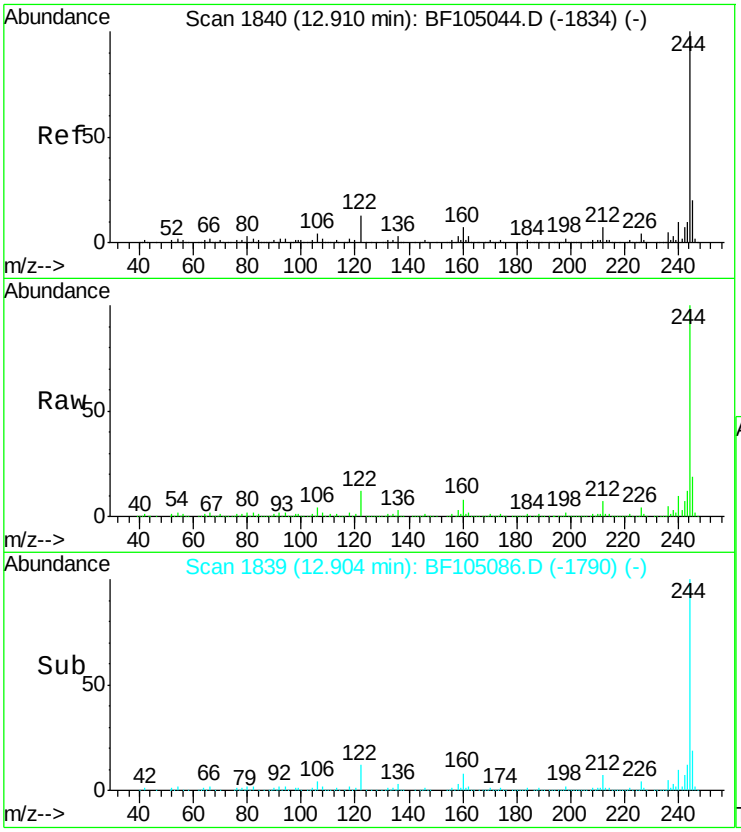


#77
Pyrene
Concen: 12.10 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:202 Resp: 189770

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5



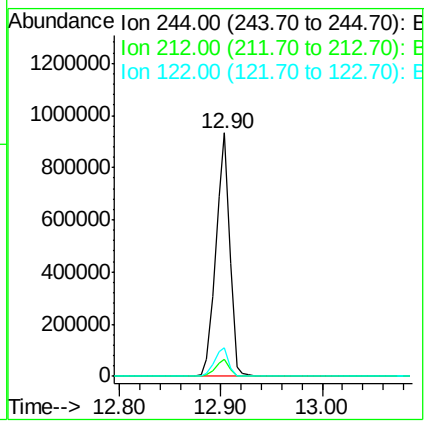


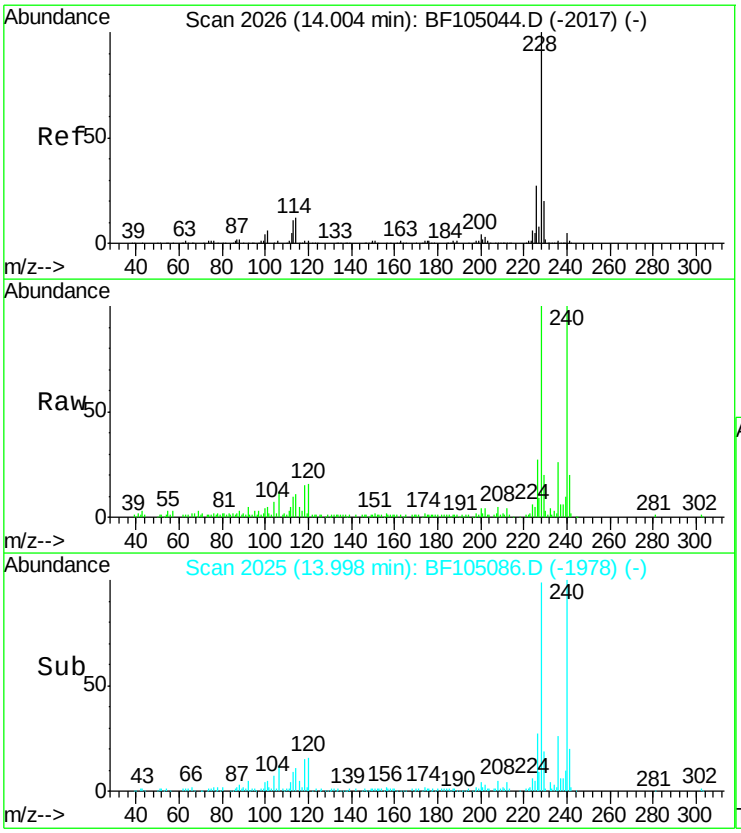
#78
Terphenyl-d14
Concen: 95.29 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 884327

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4

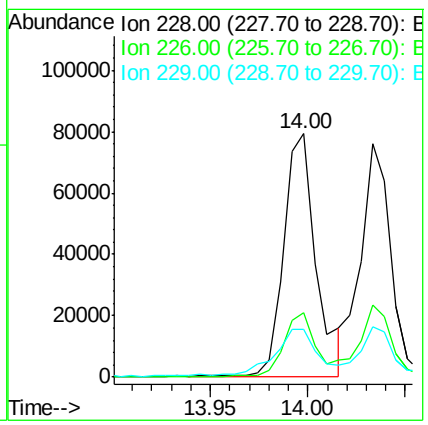


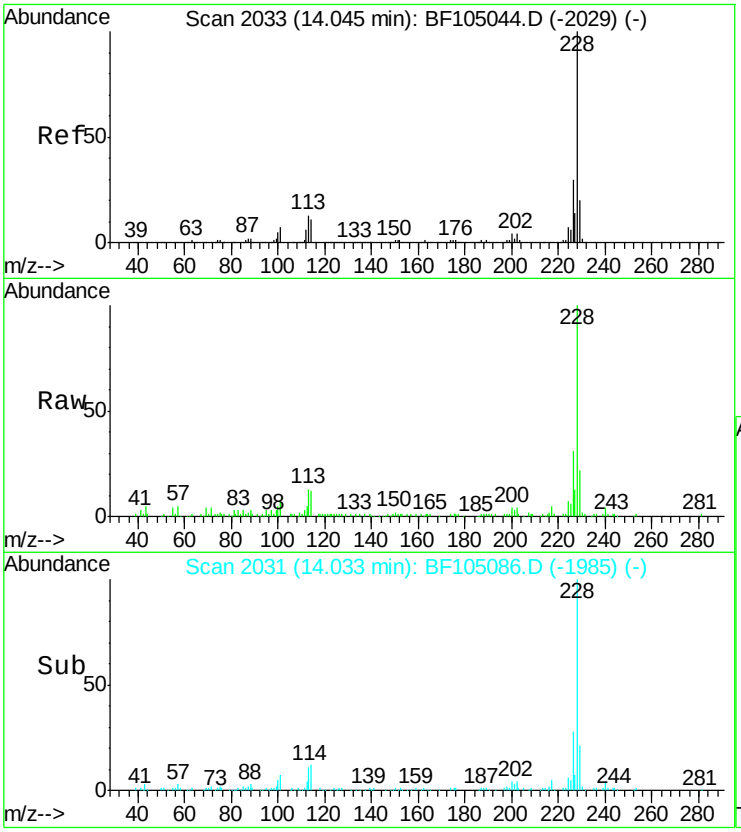


#80
Benzo(a)anthracene
Concen: 7.26 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:228 Resp: 91785

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	19.9	15.8	23.6



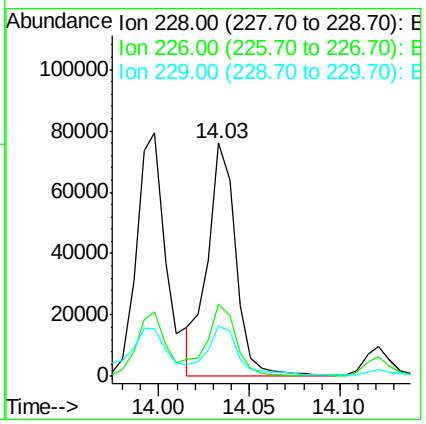


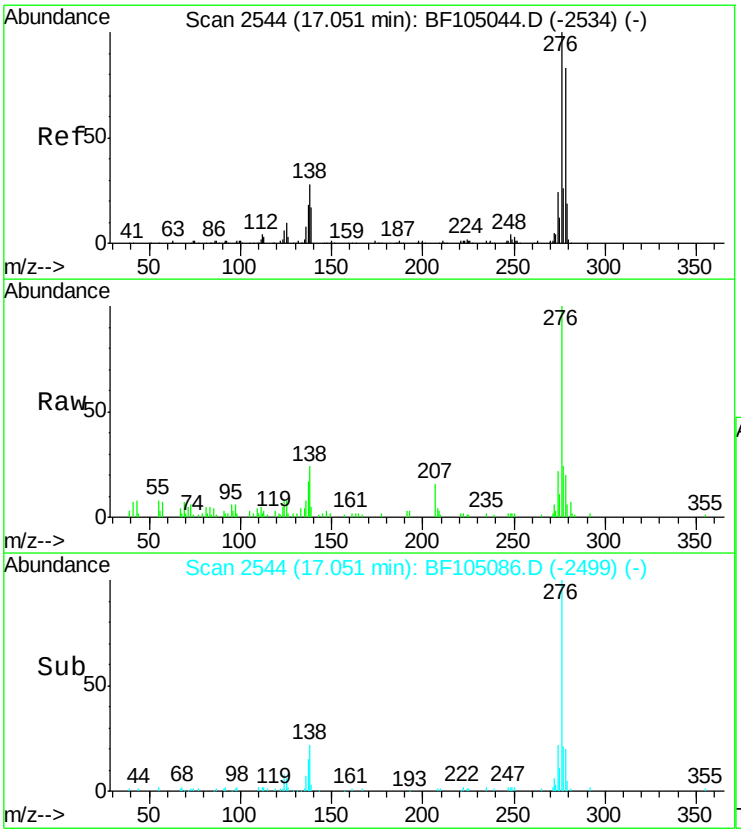
#82
Chrysene
Concen: 6.43 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.03 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 83485

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.6	16.2	24.4

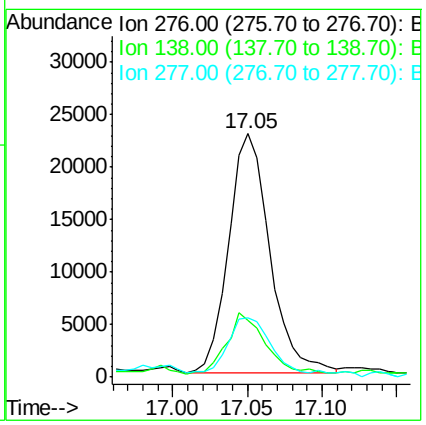


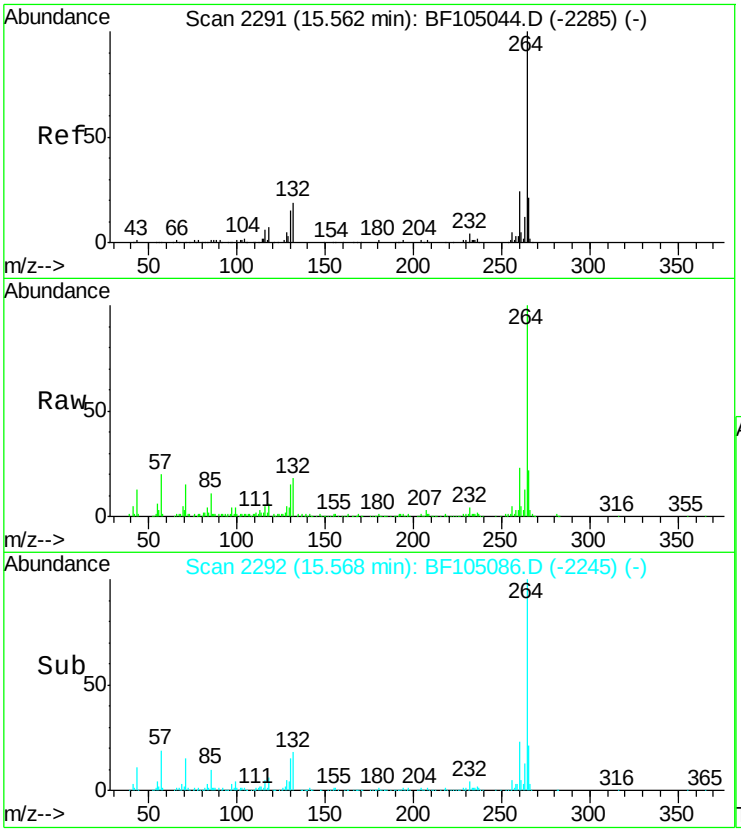


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.95 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.04 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:276 Resp: 43546

Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	23.3	20.1	30.1



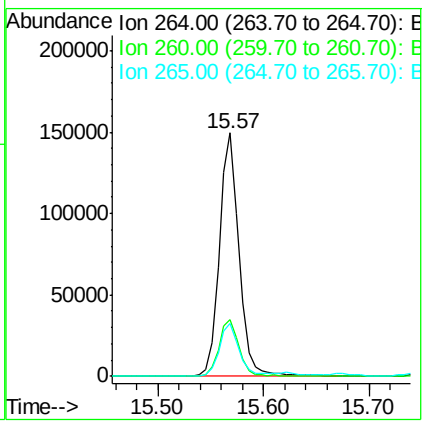


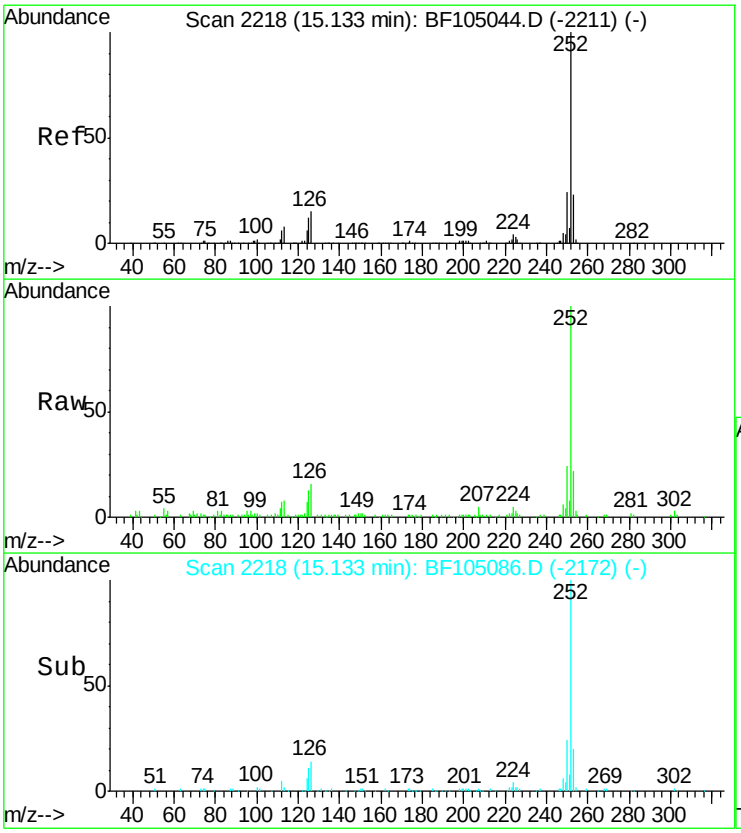
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 194154

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3

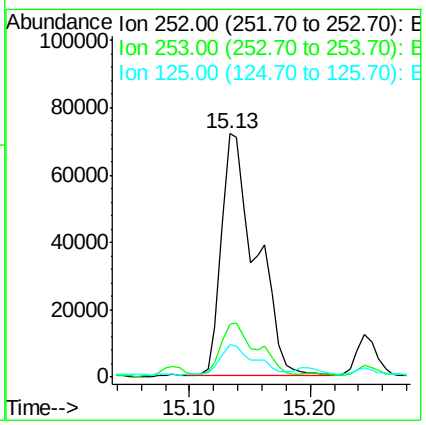


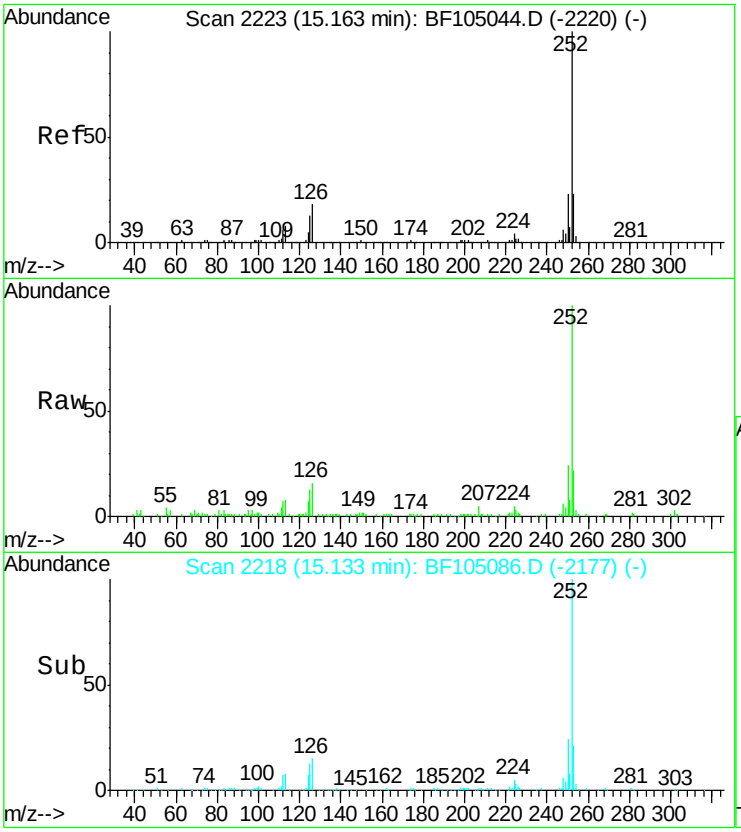


#87
Benzo(b)fluoranthene
Concen: 11.70 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:252 Resp: 143492

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	13.4	9.0	13.6



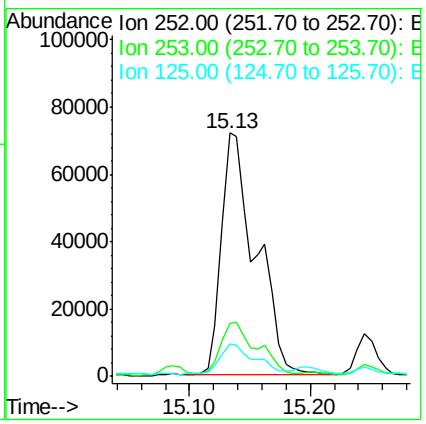


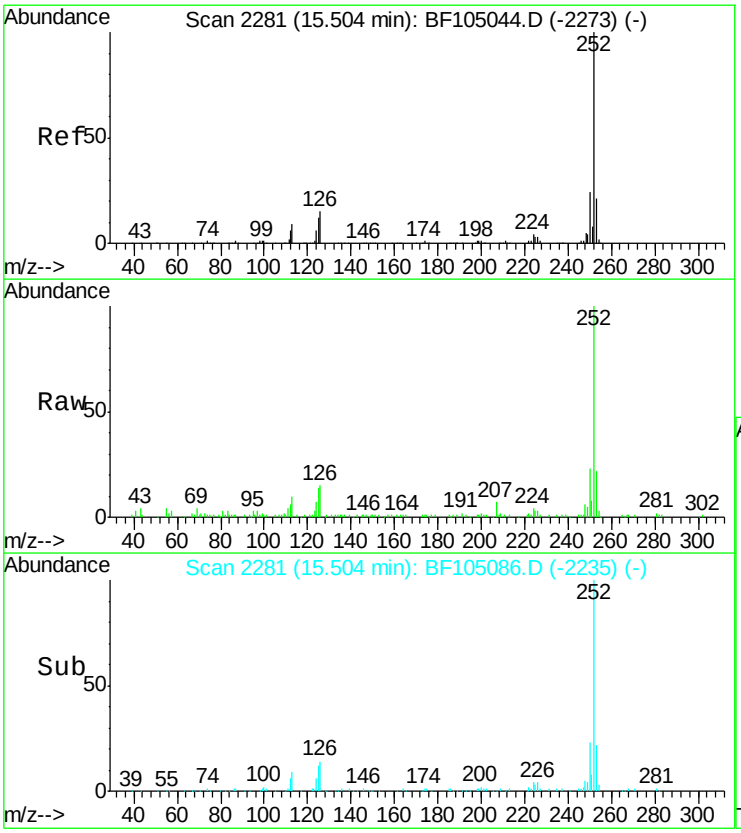
#88
Benzo(k)fluoranthene
Concen: 12.39 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.06 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 143492

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	13.4	10.2	15.2

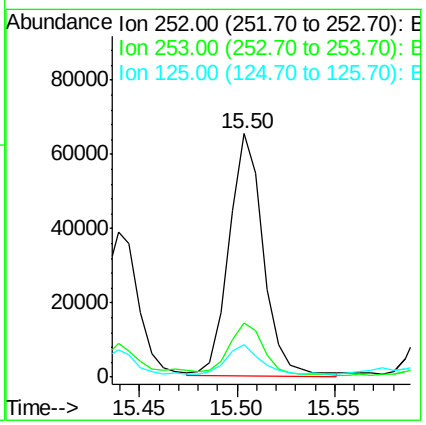


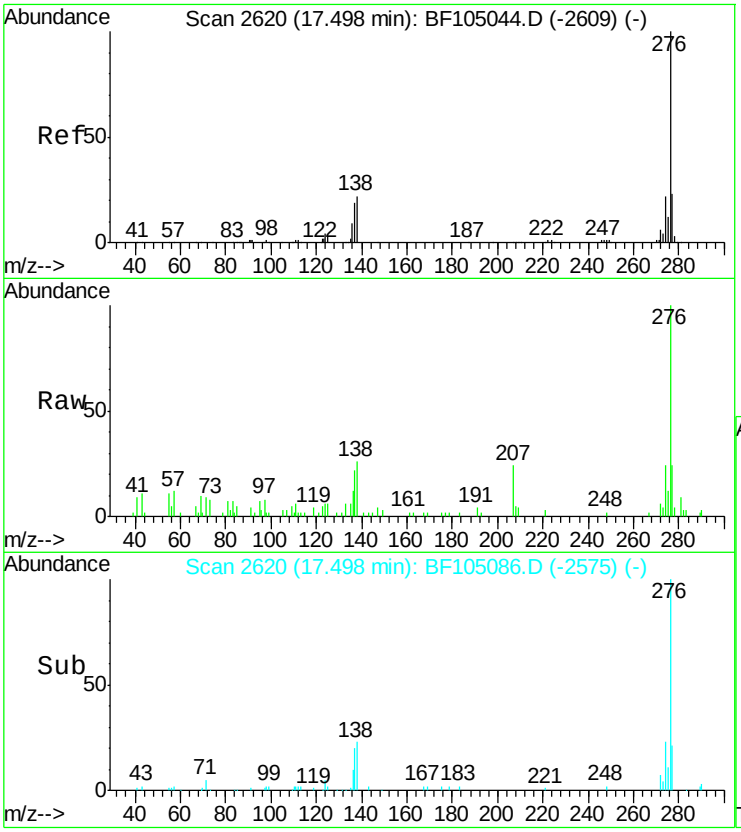


#89
Benzo(a)pyrene
Concen: 7.26 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.03 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Tgt Ion:252 Resp: 79689

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.91 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF105086.D
Acq: 3 May 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 42833

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	26.2	21.8	32.8