Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002209.D
Acq On : 31 Jul 2018 13:55
Operator : JU/SJ
Sample : PB111543BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 31 16:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4329	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	17372	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	9090	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	18739	0.40	ng		0.00
27) Chrysene-d12	21.27	240	11910	0.40	ng		0.00
34) Perylene-d12	23.50	264	8955	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	3530	0.35	ng		0.00
5) Phenol-d6	6.88	99	4156	0.34	ng		0.00
8) Nitrobenzene-d5	8.84	82	4810	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	9452	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1024	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	14214	0.41	ng		0.00
25) Fluoranthene-d10	19.11	212	14821	0.32	ng		0.00
29) Terphenyl-d14	19.71	244	9850	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1268	0.260	ng	#	64
3) n-Nitrosodimethylamine	3.61	42	1275	0.401	ng	#	85
6) bis(2-Chloroethyl)ether	7.13	93	4110	0.348	ng		91
9) Naphthalene	10.52	128	14599	0.373	ng		97
10) Hexachlorobutadiene	10.80	225	2687	0.317	ng	#	54
12) 2-Methylnaphthalene	12.13	142	10024	0.378	ng		97
16) Acenaphthylene	14.03	152	13908	0.358	ng		100
17) Acenaphthene	14.38	154	8930	0.357	ng		97
18) Fluorene	15.37	166	11131	0.362	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	3630	0.342	ng	#	82
21) Hexachlorobenzene	16.38	284	4013	0.342	ng		96
22) Pentachlorophenol	16.74	266	1167	0.491	ng		95
23) Phenanthrene	17.11	178	17081	0.366	ng		99
24) Anthracene	17.21	178	14196	0.368	ng		96
26) Fluoranthene	19.14	202	16604	0.327	ng	#	97
28) Pyrene	19.50	202	15850	0.450	ng		99
30) Benzo(a)anthracene	21.25	228	11430	0.381	ng		97
31) Chrysene	21.30	228	11918	0.355	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	5339	0.390	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.72	276	11288	0.357	ng		95
35) Benzo(b)fluoranthene	22.83	252	9774	0.371	ng	#	92
36) Benzo(k)fluoranthene	22.87	252	10178	0.372	ng	#	91
37) Benzo(a)pyrene	23.40	252	9085	0.381	ng	#	92
38) Dibenzo(a,h)anthracene	25.74	278	9397	0.405	ng		95
39) Benzo(g,h,i)perylene	26.40	276	10002	0.422	ng	#	90

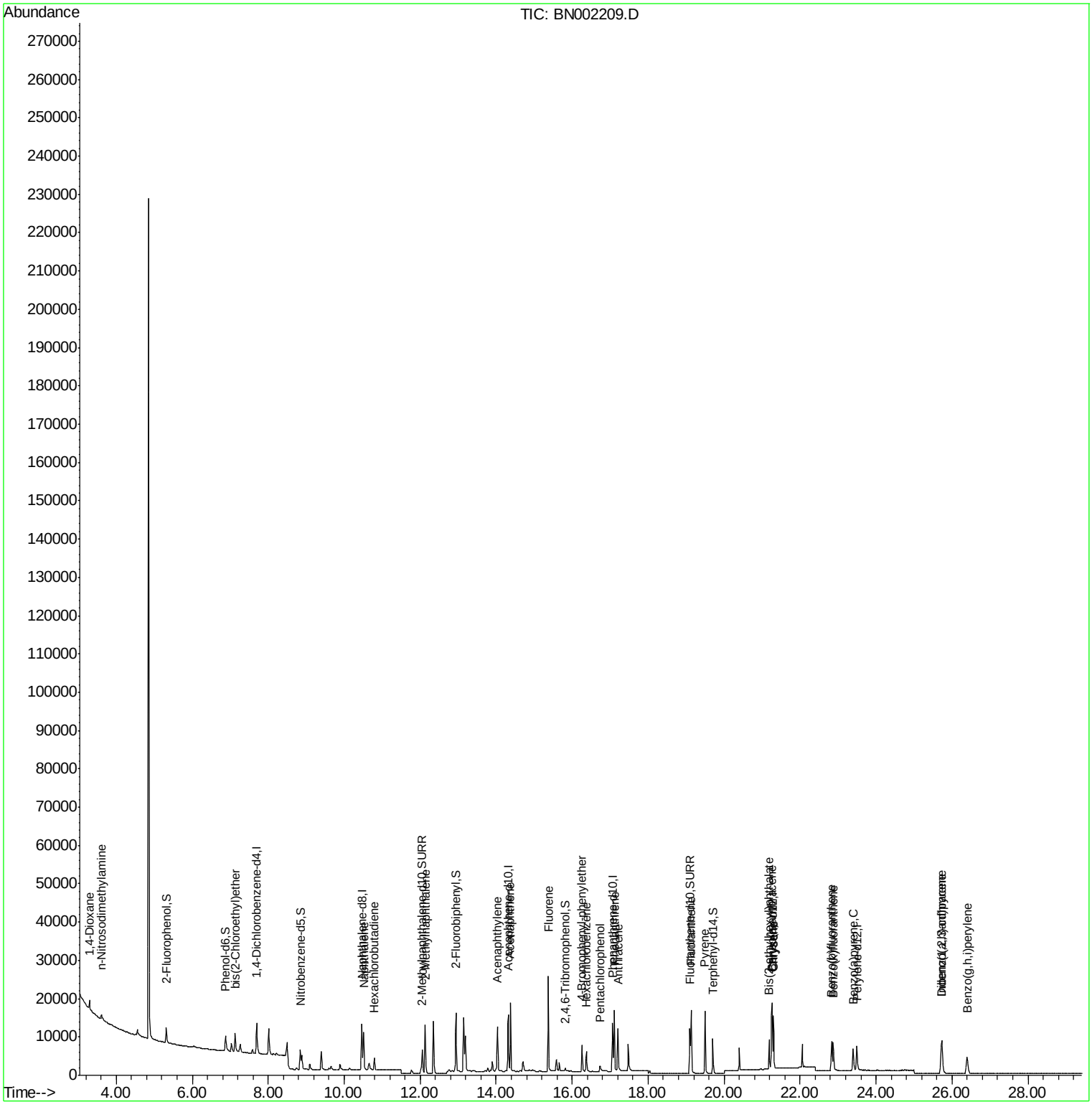
(#) = qualifier out of range (m) = manual integration (+) = signals summed

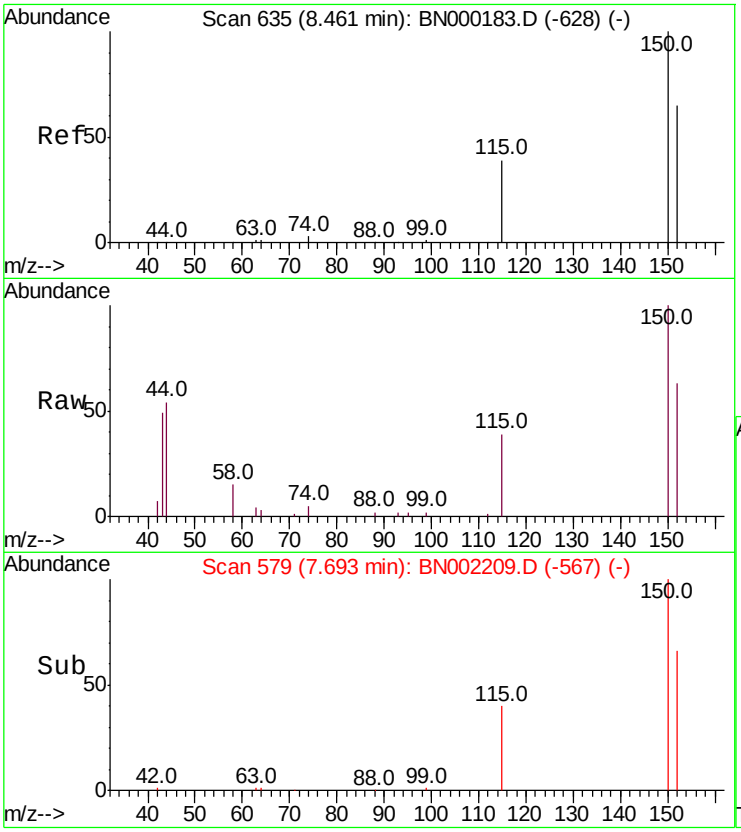
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002209.D
Acq On : 31 Jul 2018 13:55
Operator : JU/SJ
Sample : PB111543BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 16:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration



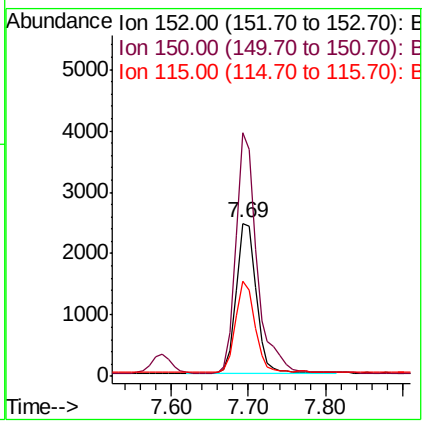


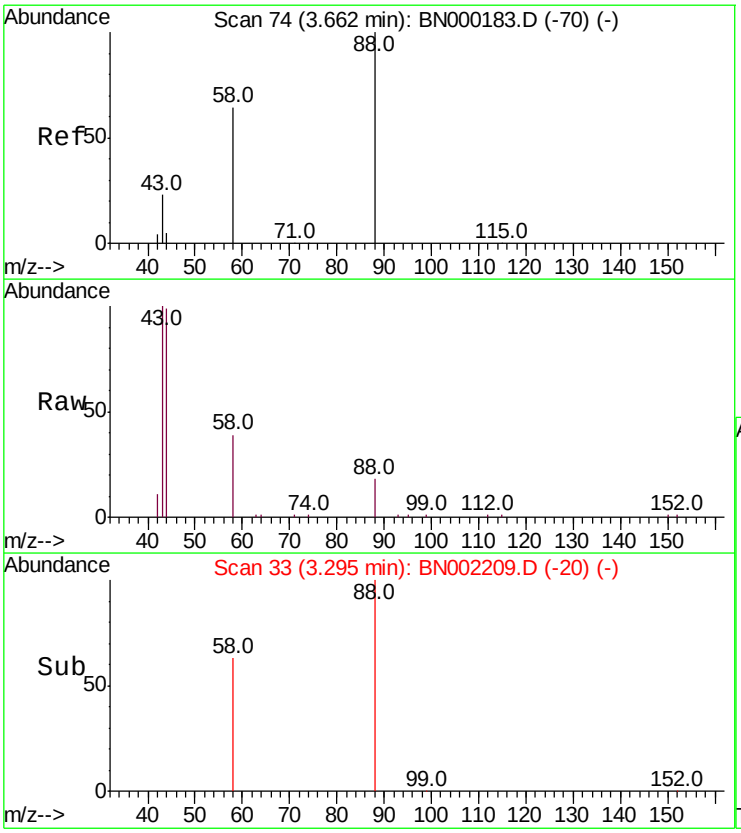
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4329

Ion	Ratio	Lower	Upper
152	100		
150	158.9	117.2	175.8
115	62.2	57.0	85.6

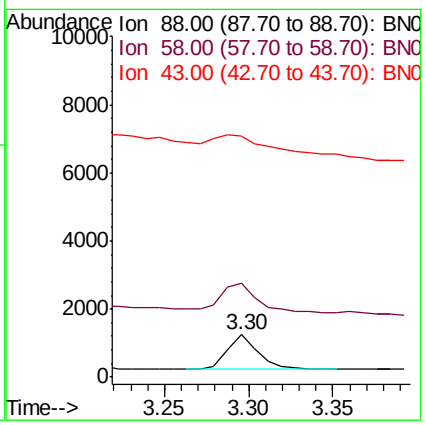


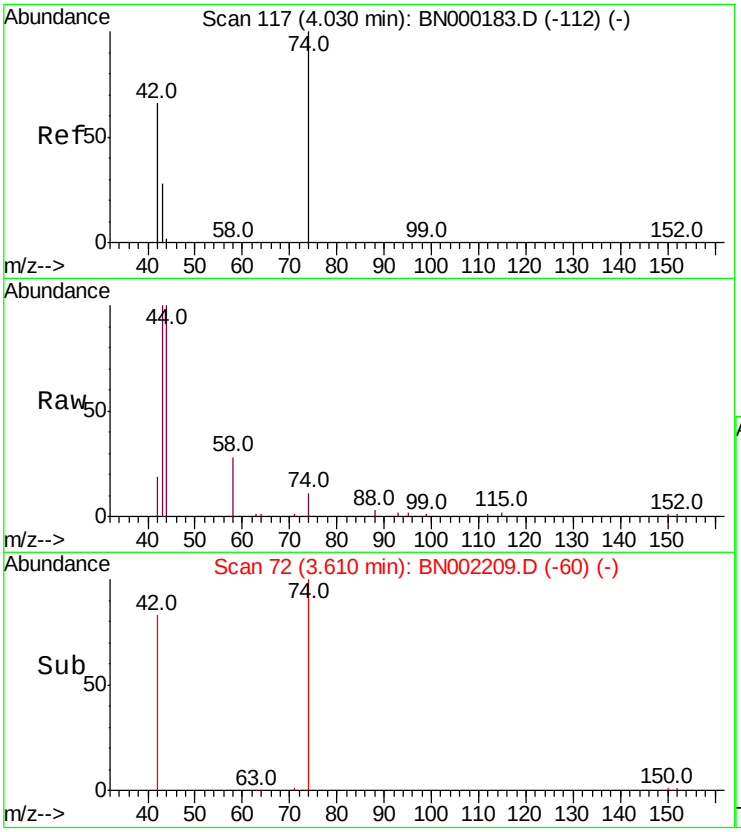


#2
1,4-Dioxane
Concen: 0.260 ng
RT: 3.30 min Scan# 33
Delta R.T. 0.01 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion: 88 Resp: 1268

Ion	Ratio	Lower	Upper
88	100		
58	100.7	72.0	108.0
43	91.8	28.0	42.0#



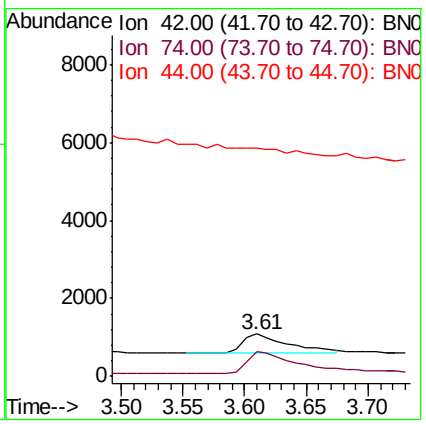


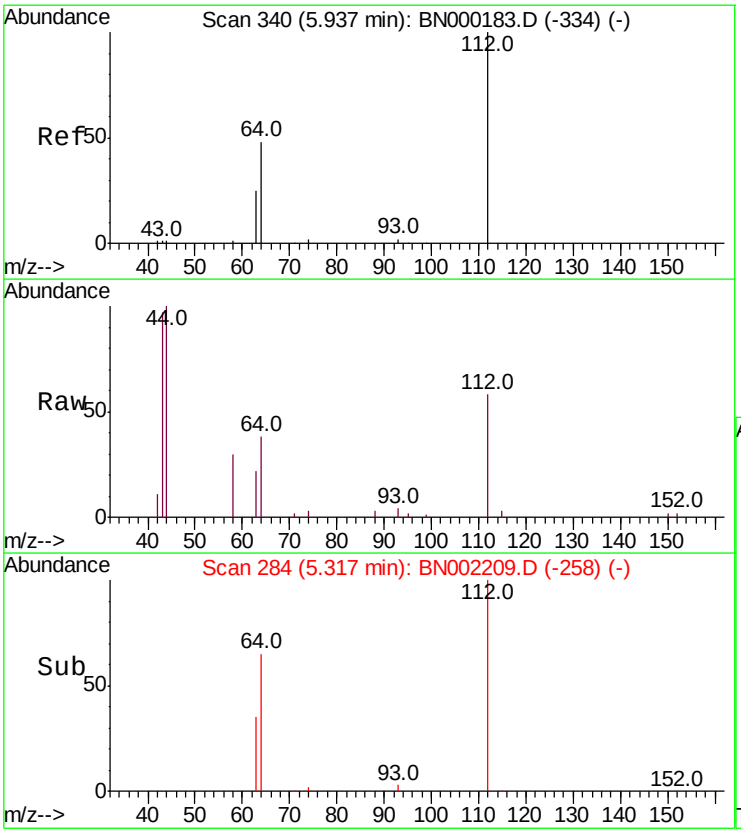
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.61 min Scan# 72
Delta R.T. 0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1275

Ion	Ratio	Lower	Upper
42	100		
74	119.8	88.0	132.0
44	0.0	16.0	24.0#

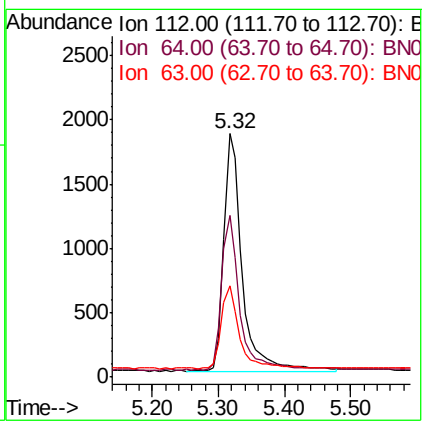


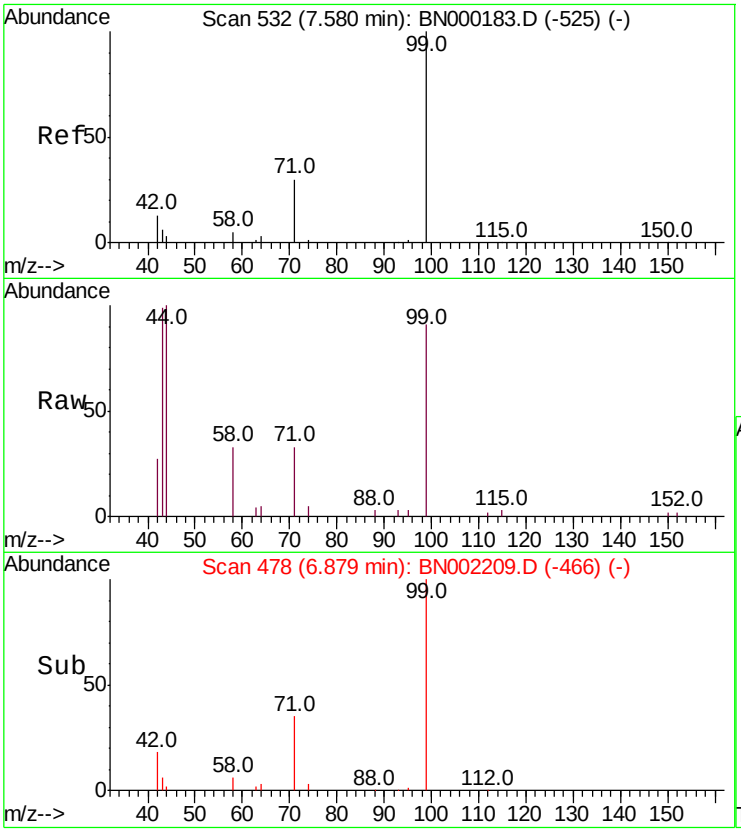


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:112 Resp: 3530

Ion	Ratio	Lower	Upper
112	100		
64	63.8	60.1	90.1
63	34.5	116.8	175.2#



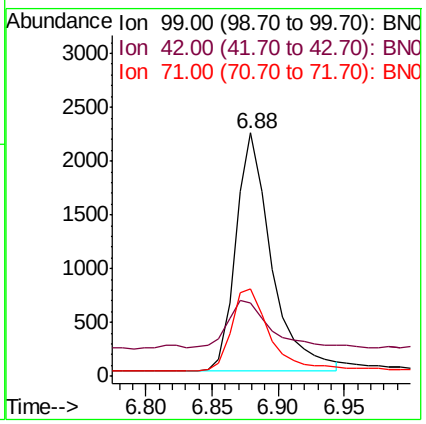


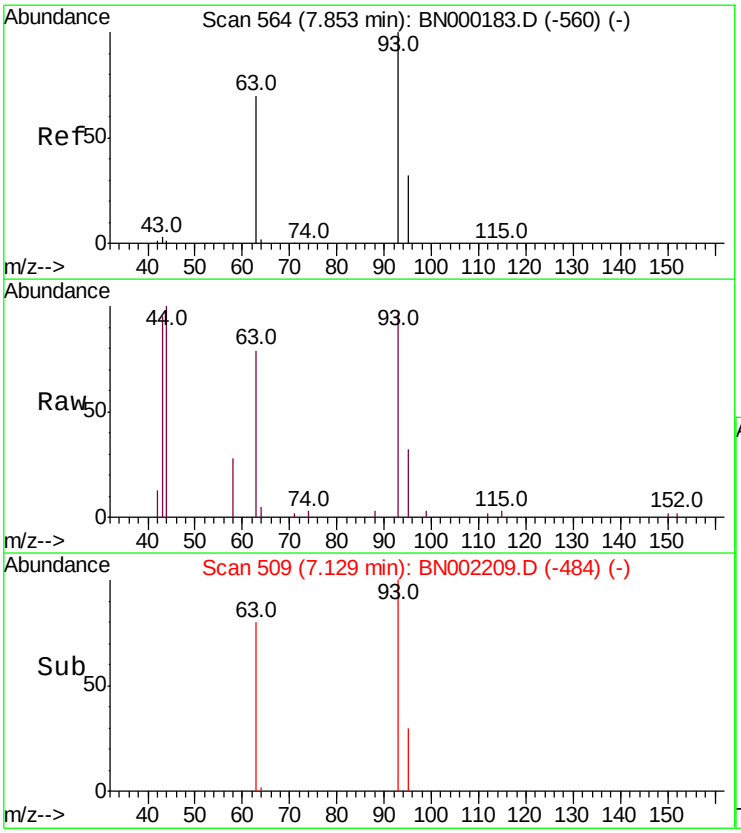
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4156

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	36.3	28.4	42.6

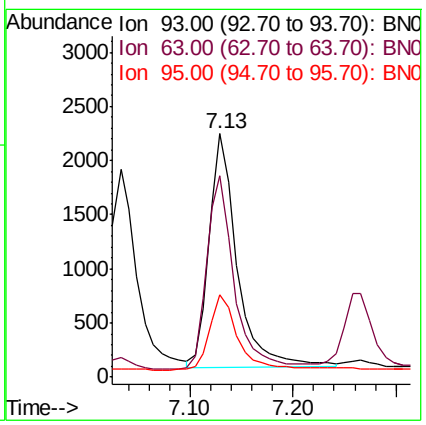


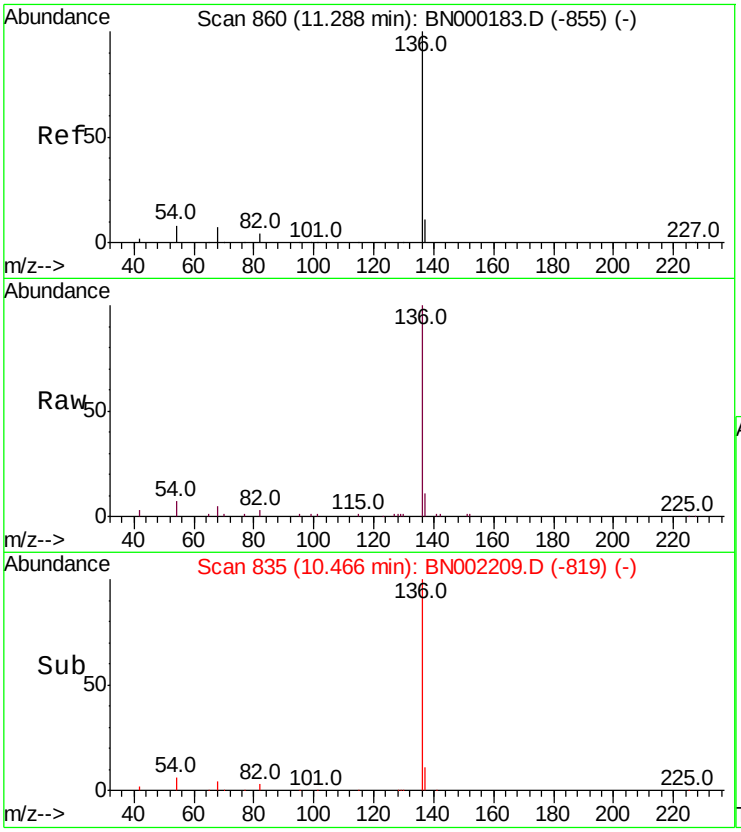


#6
bis(2-Chloroethyl)ether
Concen: 0.348 ng
RT: 7.13 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion: 93 Resp: 4110

Ion	Ratio	Lower	Upper
93	100		
63	81.1	56.0	84.0
95	31.6	25.2	37.8



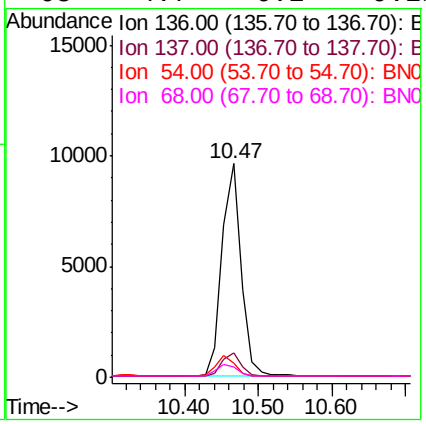


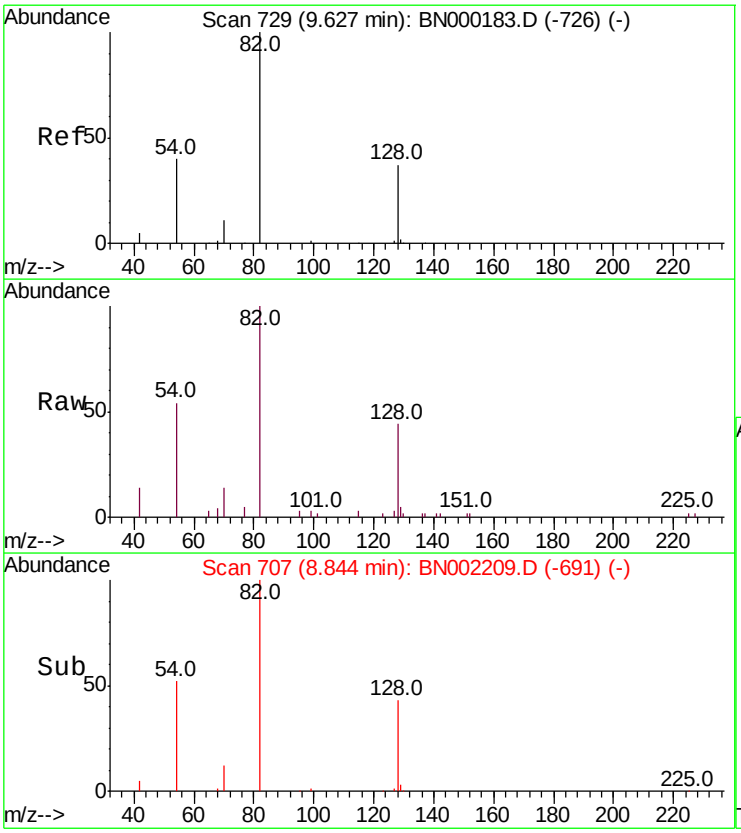
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17372

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	6.7	29.1	43.7#
68	4.7	6.2	9.2#

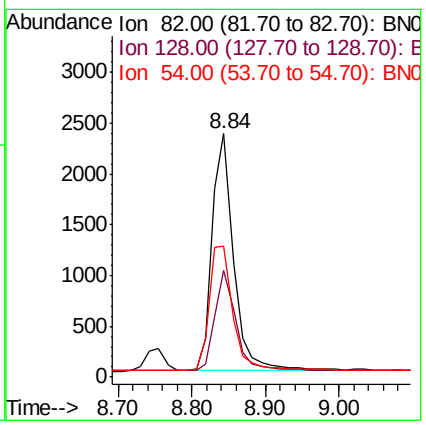


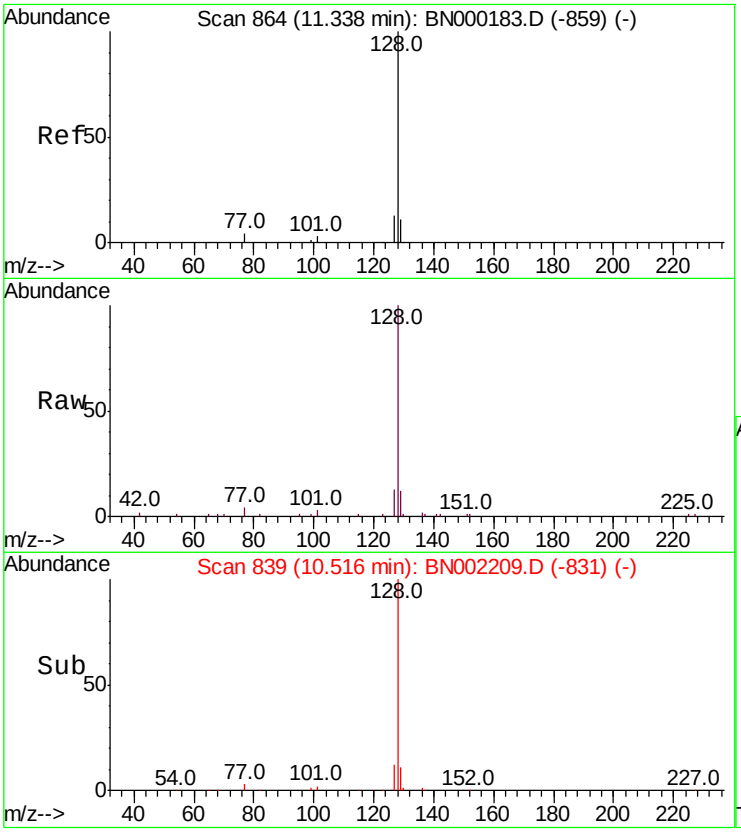


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion: 82 Resp: 4810

Ion	Ratio	Lower	Upper
82	100		
128	44.1	150.0	225.0#
54	53.6	154.2	231.4#



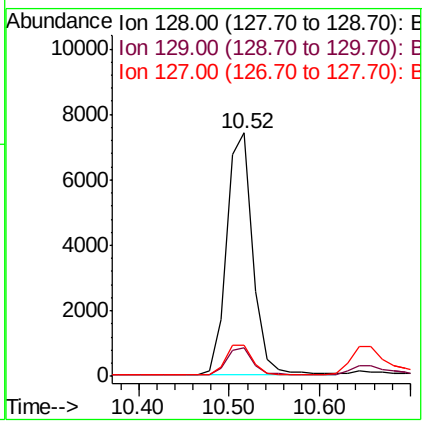


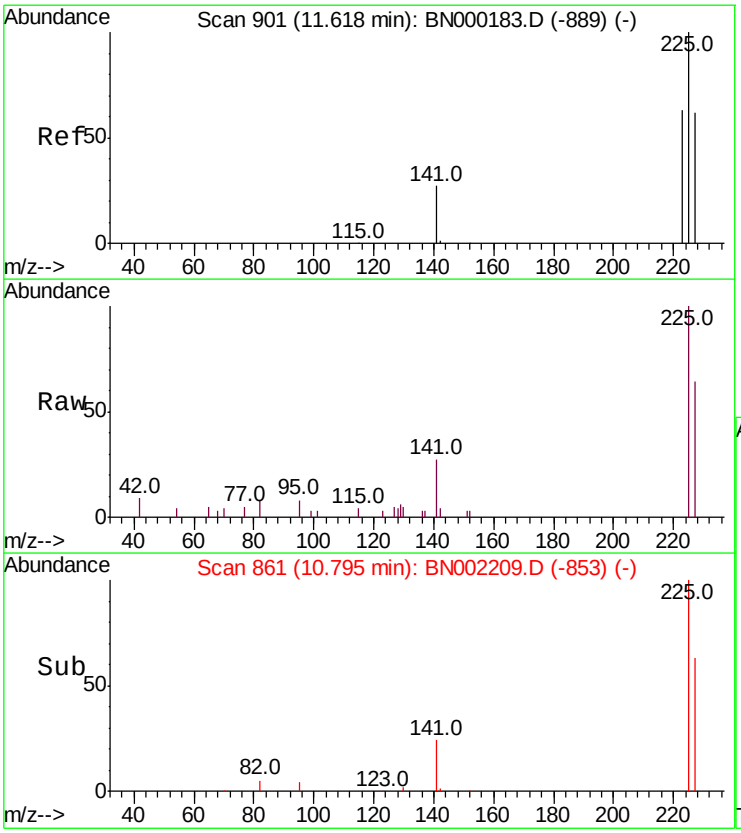
#9
Naphthalene
Concen: 0.373 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14599

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.0	12.0
127	12.9	9.6	14.4

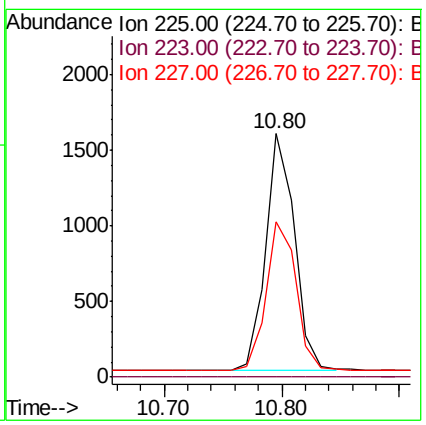


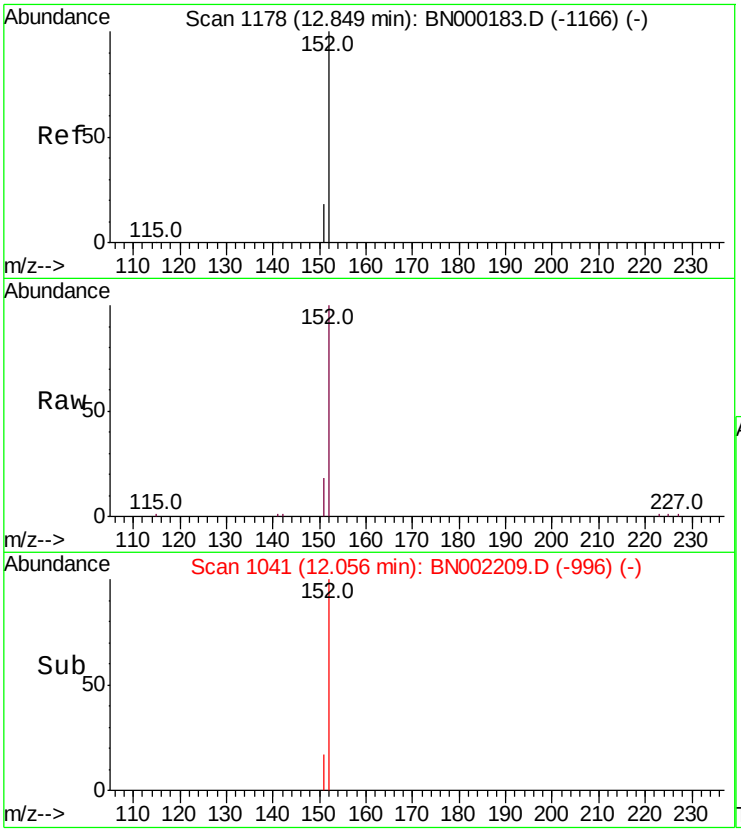


#10
Hexachlorobutadiene
Concen: 0.317 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:225 Resp: 2687

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	65.3	48.0	72.0



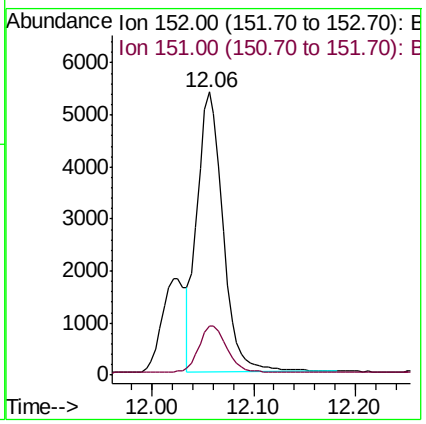


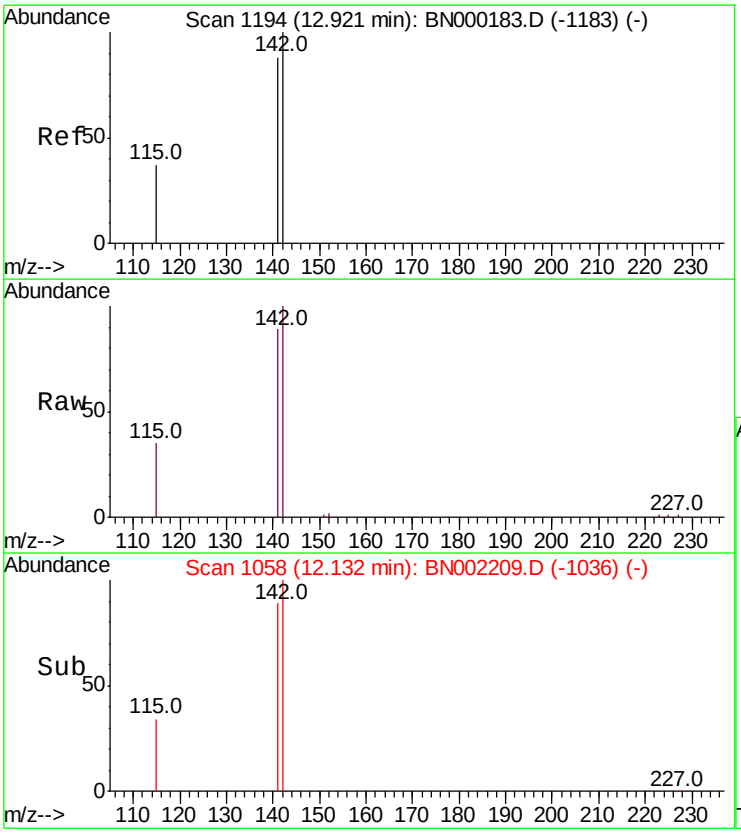
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9452

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

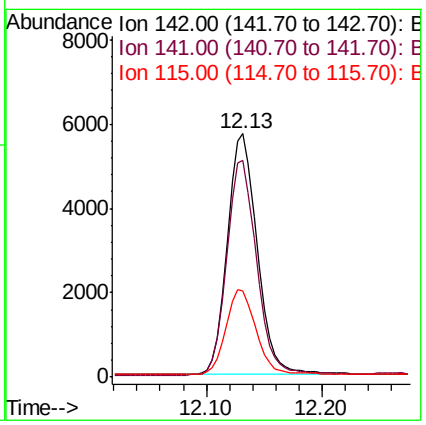


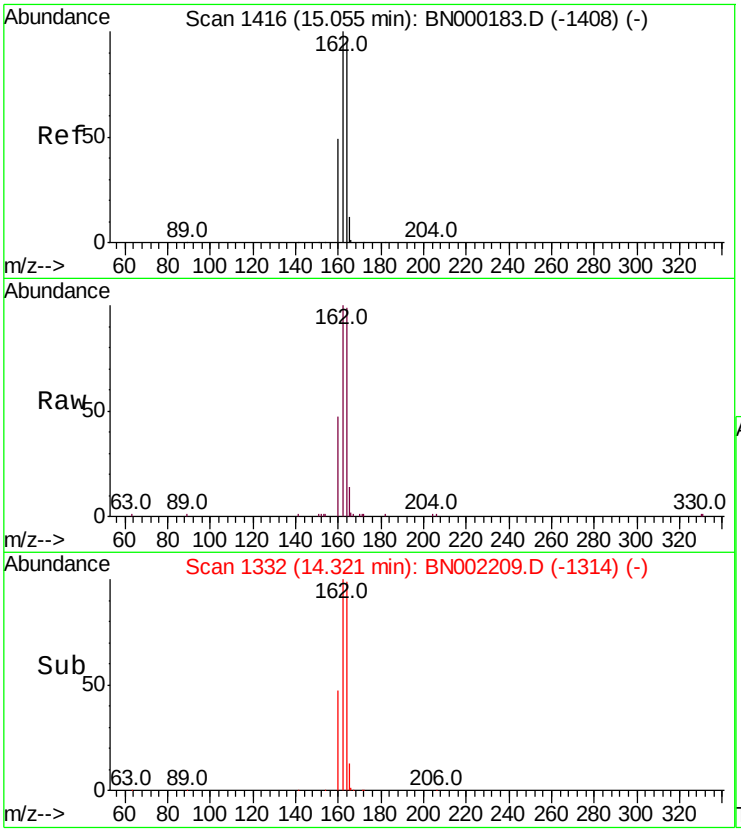


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.13 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:142 Resp: 10024

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	35.3	31.7	47.5



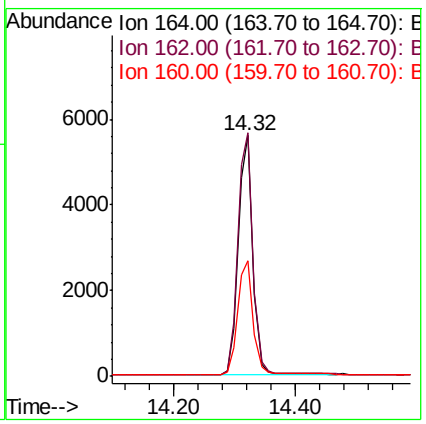


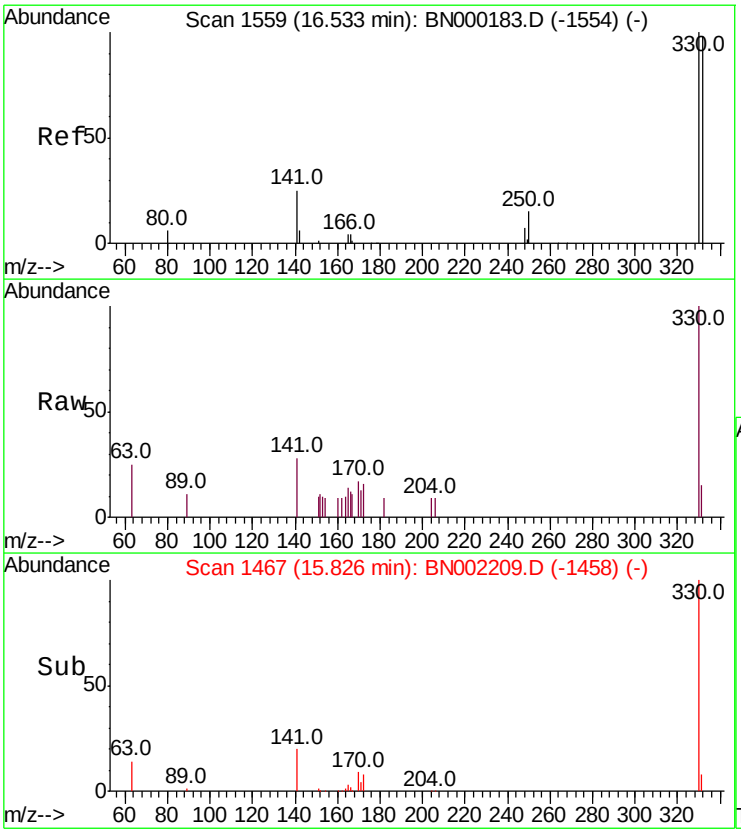
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9090

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.1	124.7
160	47.8	37.1	55.7

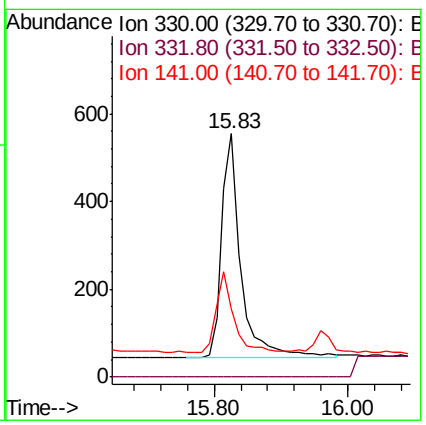


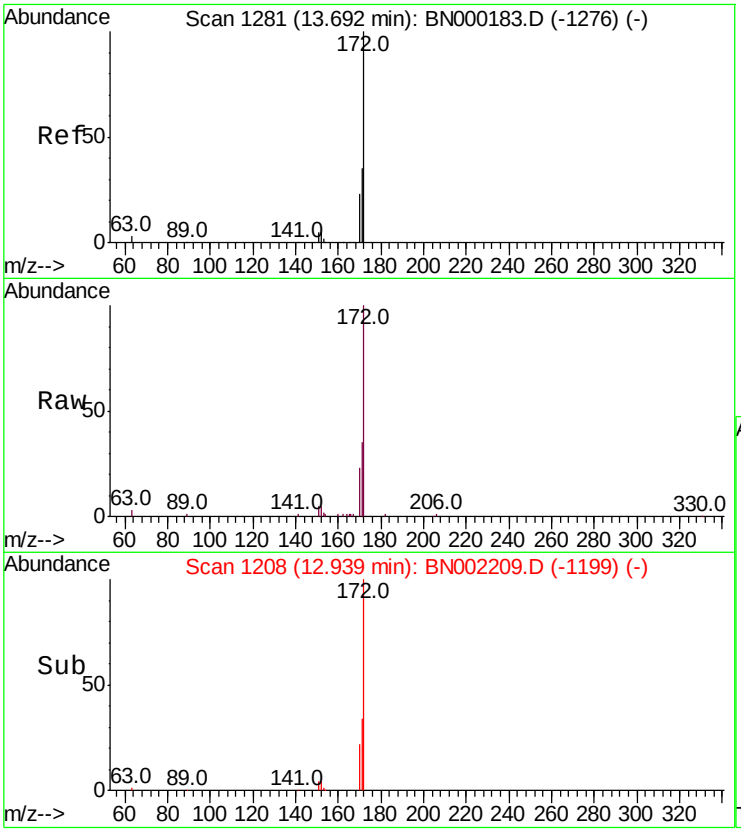


#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:330 Resp: 1024

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	33.4	33.7	50.5#



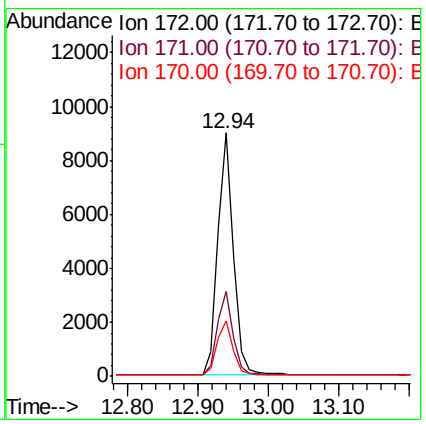


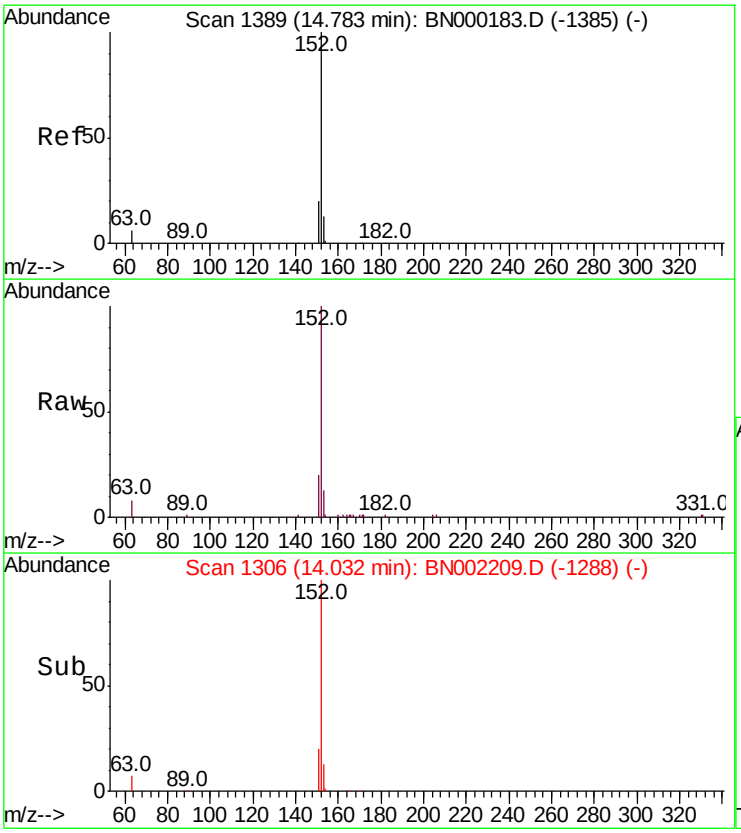
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 14214

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	22.9	21.8	32.8

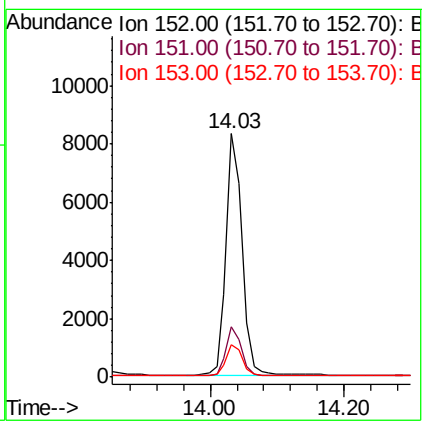


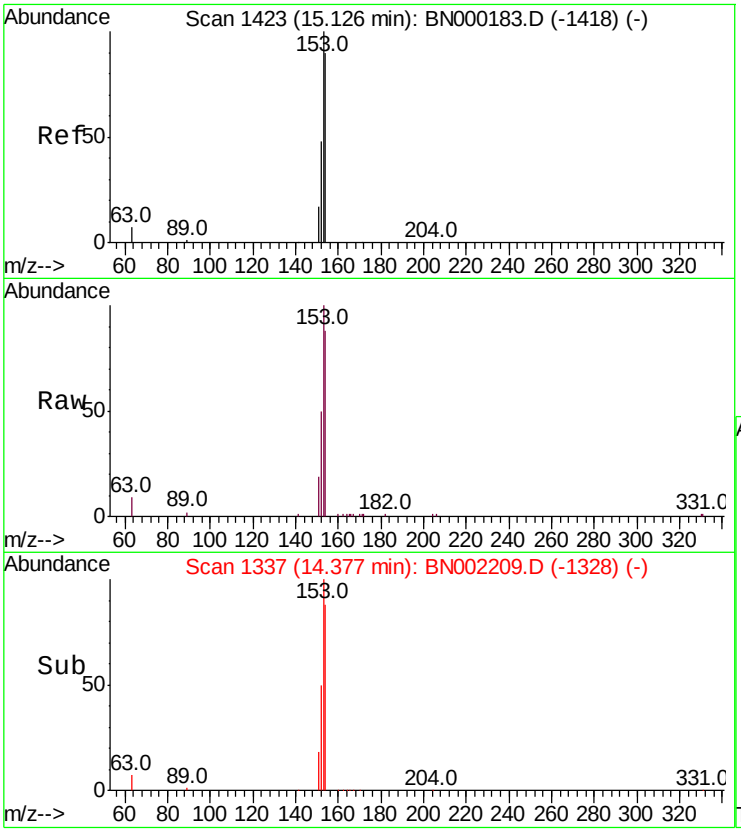


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:152 Resp: 13908

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.5	15.7



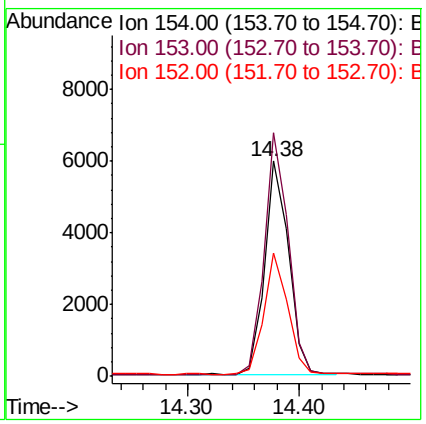


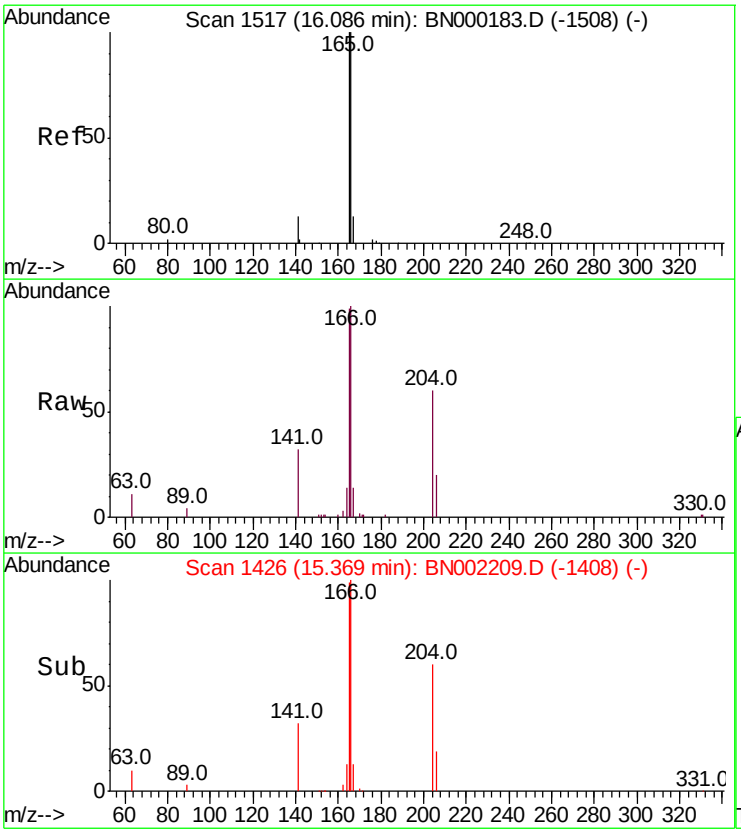
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8930

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.2	133.8
152	56.6	42.0	63.0

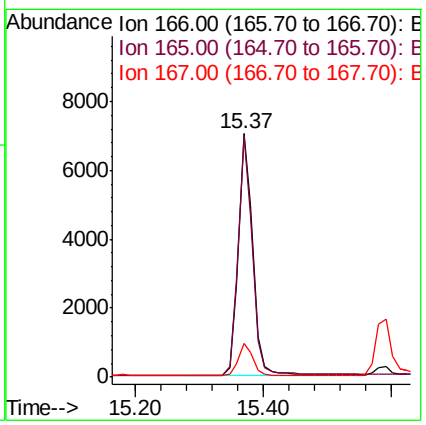


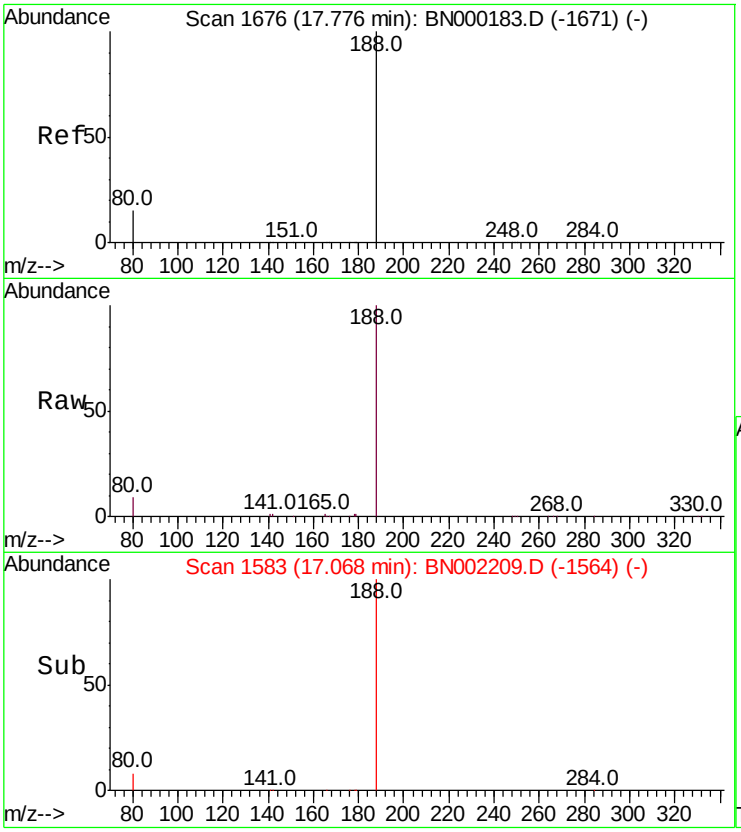


#18
Fluorene
Concen: 0.362 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:166 Resp: 11131

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.5	42.4	63.6#



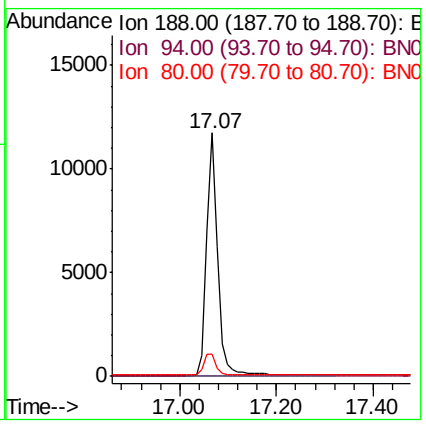


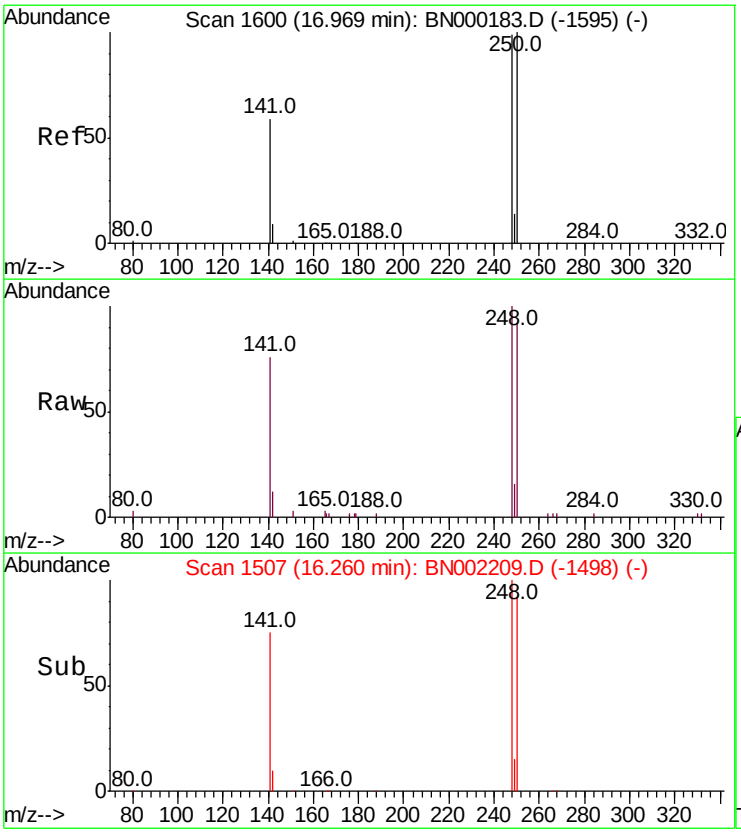
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18739

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.9	3.6	5.4#

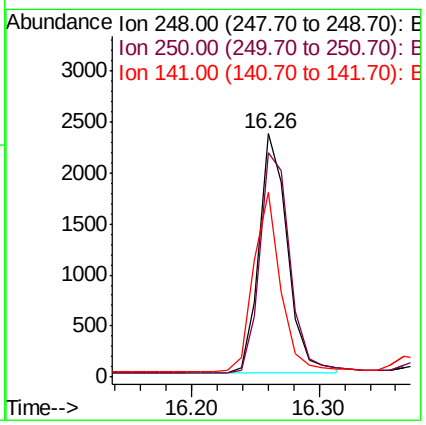


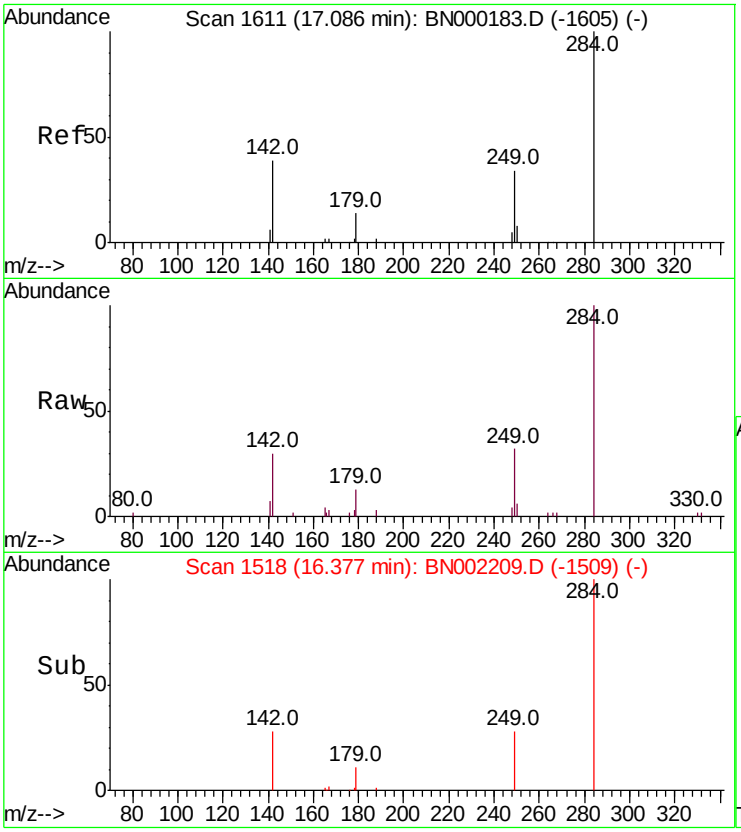


#20
4-Bromophenyl-phenylether
Concen: 0.342 ng
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:248 Resp: 3630

Ion	Ratio	Lower	Upper
248	100		
250	92.1	62.7	94.1
141	75.7	48.2	72.2#



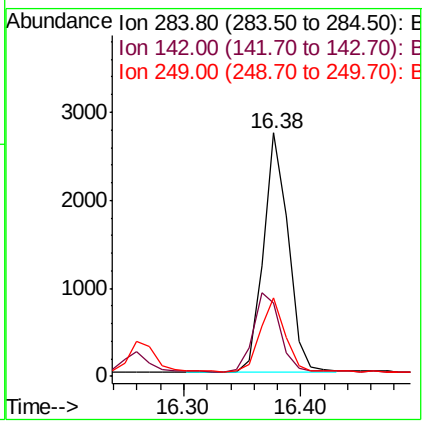


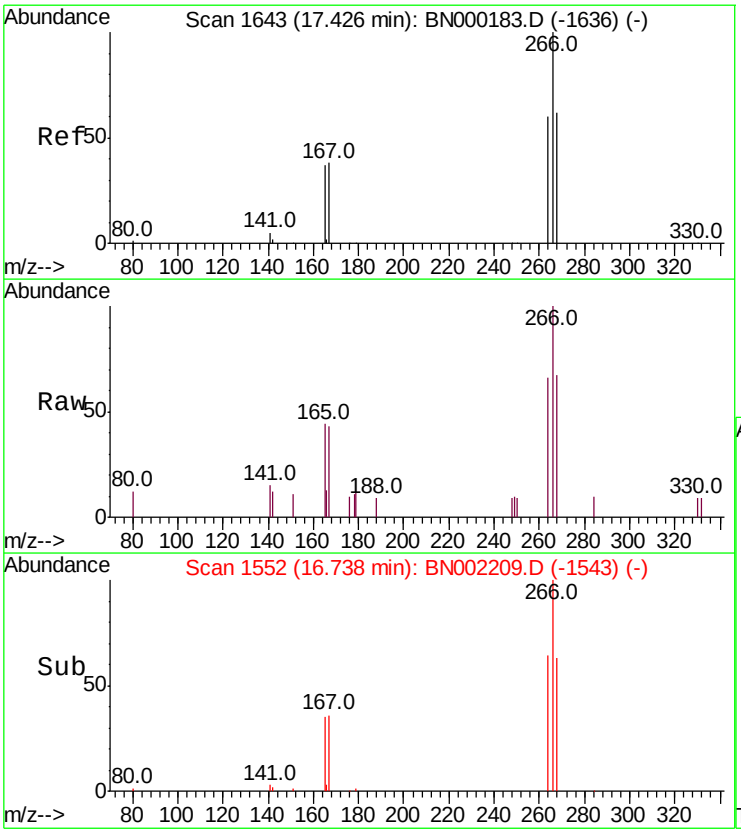
#21
Hexachlorobenzene
Concen: 0.342 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4013

Ion	Ratio	Lower	Upper
284	100		
142	35.9	32.0	48.0
249	30.3	24.0	36.0

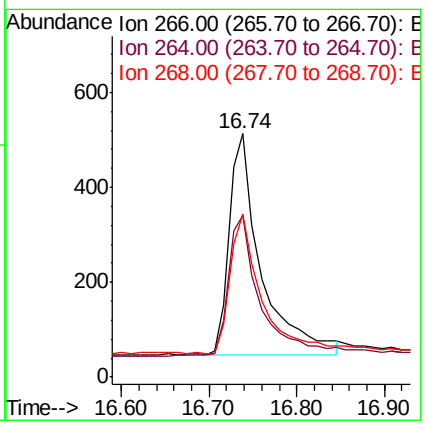


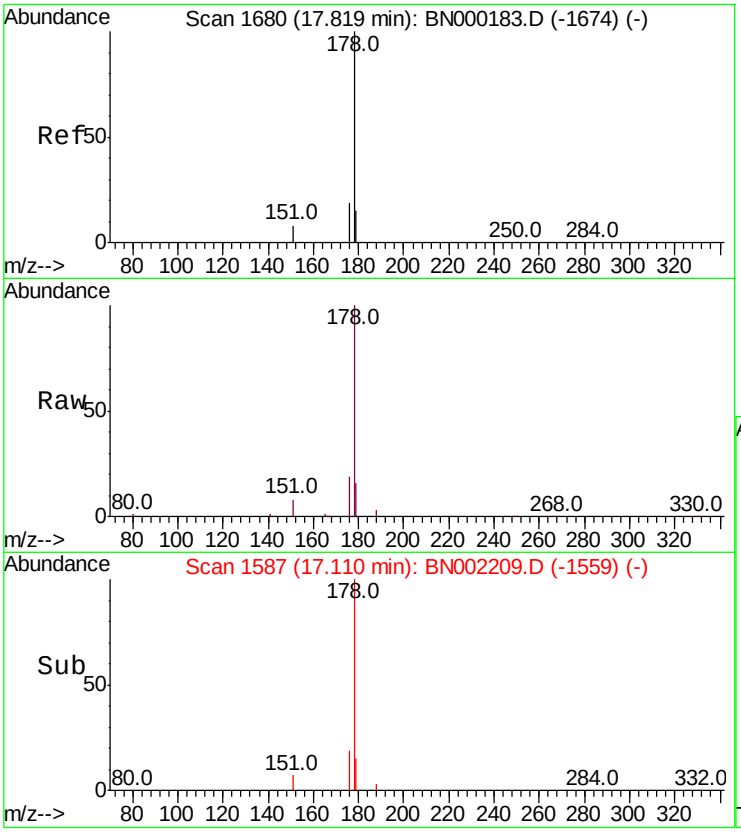


#22
Pentachlorophenol
Concen: 0.491 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:266 Resp: 1167

Ion	Ratio	Lower	Upper
266	100		
264	66.5	48.0	72.0
268	66.9	52.0	78.0



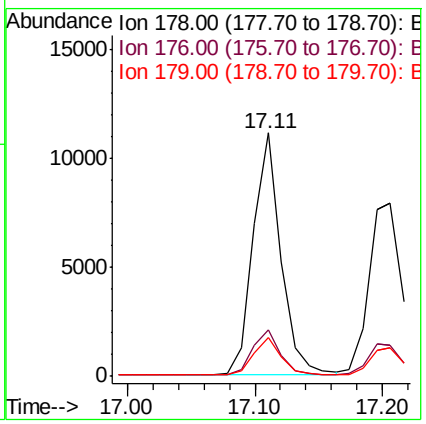


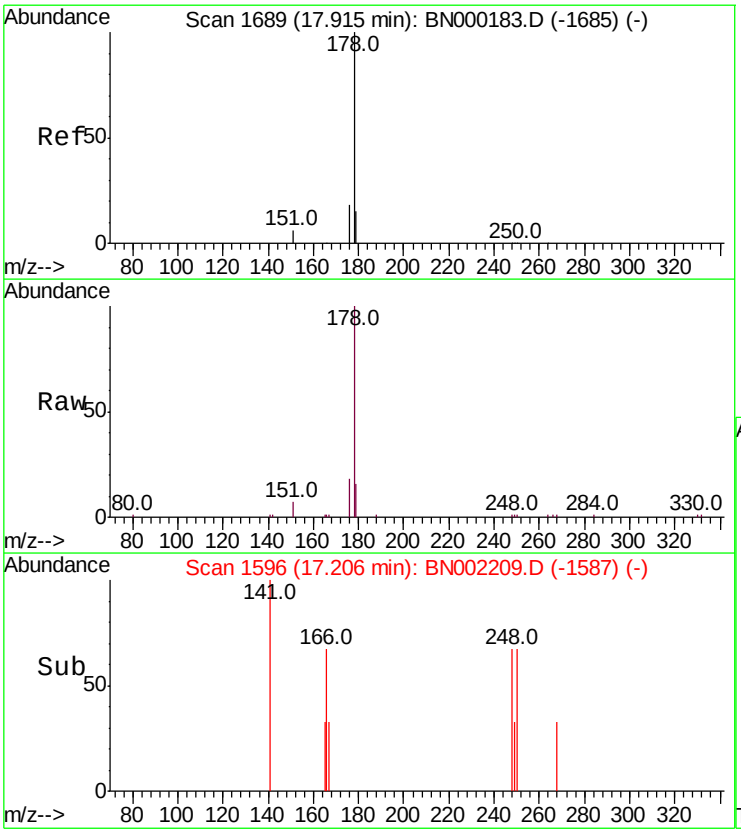
#23
Phenanthrene
Concen: 0.366 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 17081

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.4	11.8	17.6

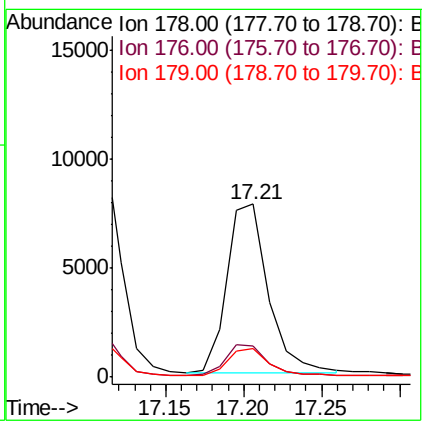


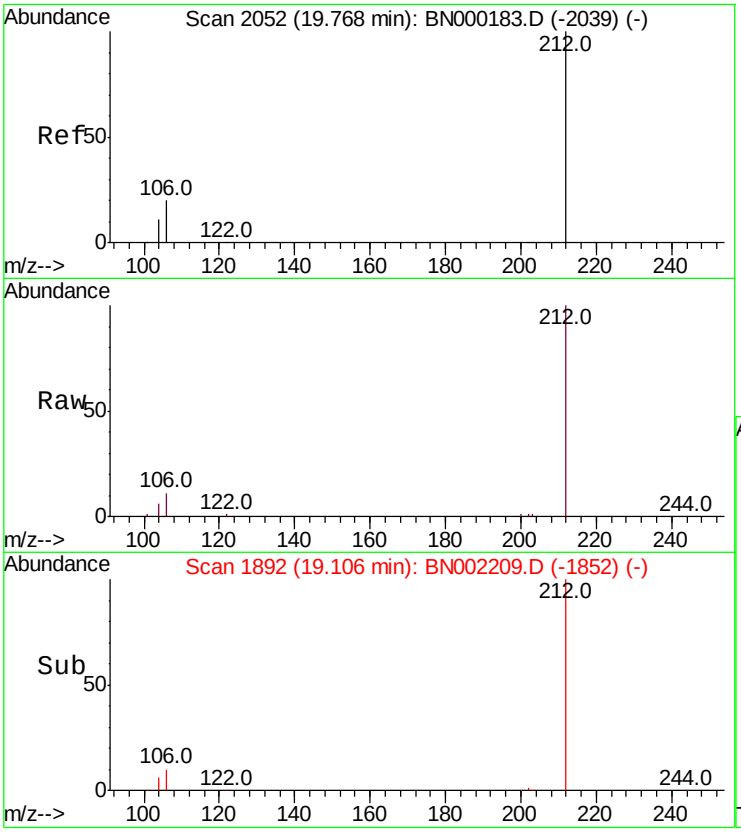


#24
Anthracene
Concen: 0.368 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:178 Resp: 14196

Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.5	13.0	19.6



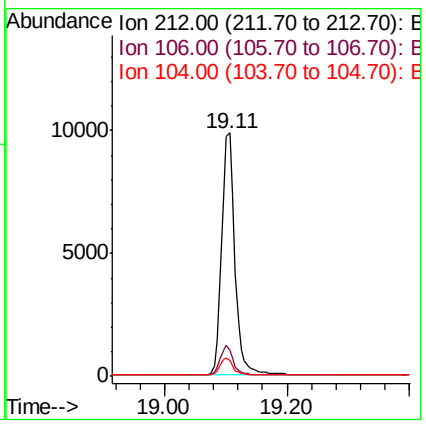


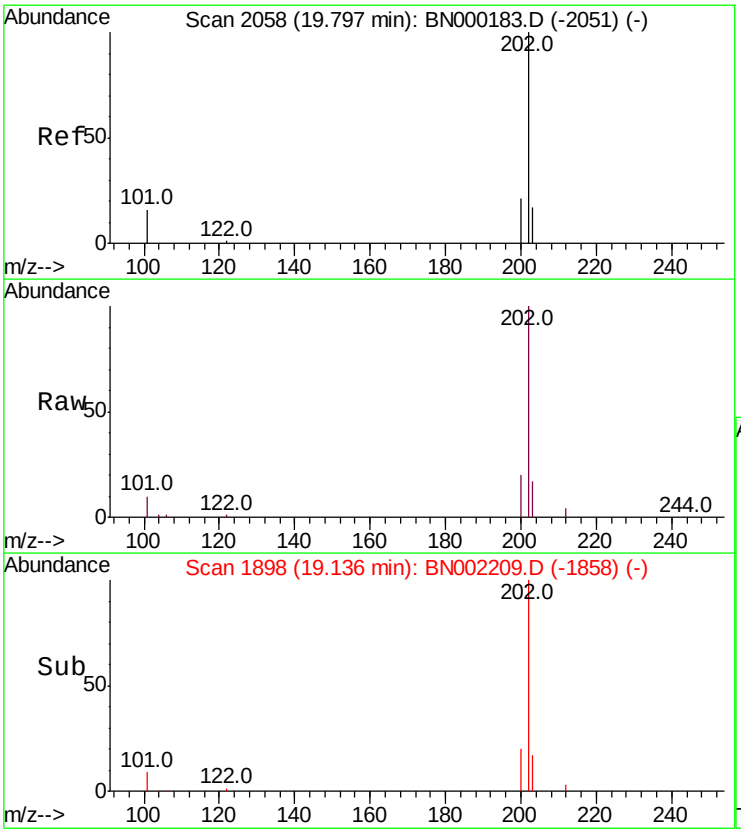
#25
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 14821

Ion	Ratio	Lower	Upper
212	100		
106	11.5	2.8	4.2#
104	6.7	1.6	2.4#

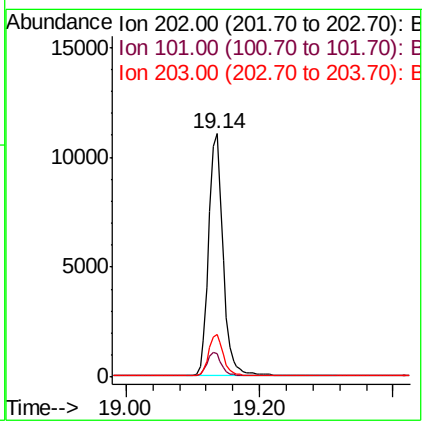


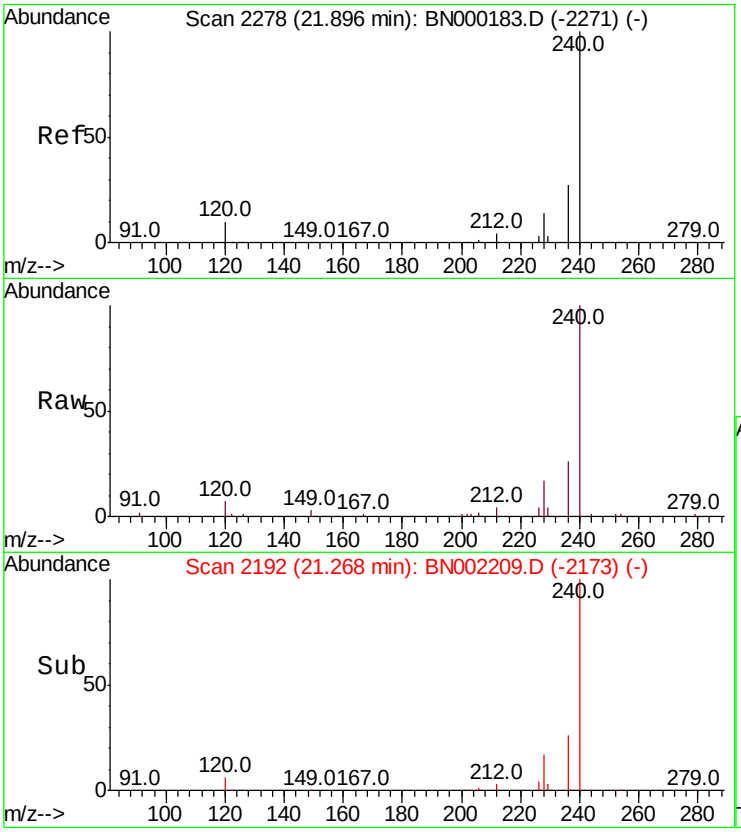


#26
Fluoranthene
Concen: 0.327 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:202 Resp: 16604

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	16.9	13.7	20.5



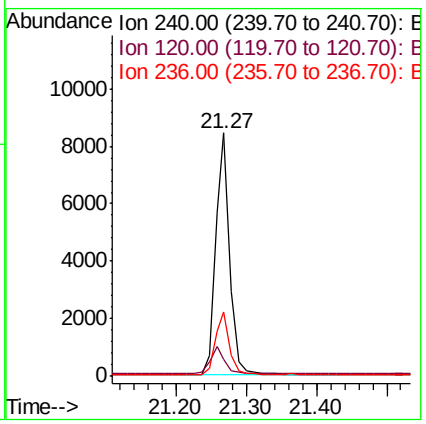


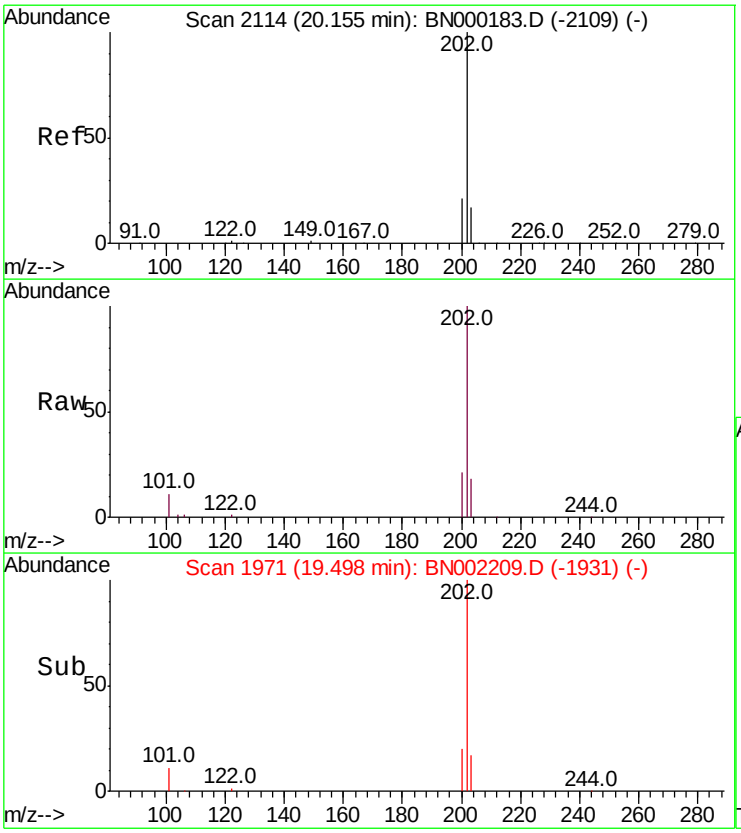
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11910

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.5	8.3
236	26.2	20.7	31.1

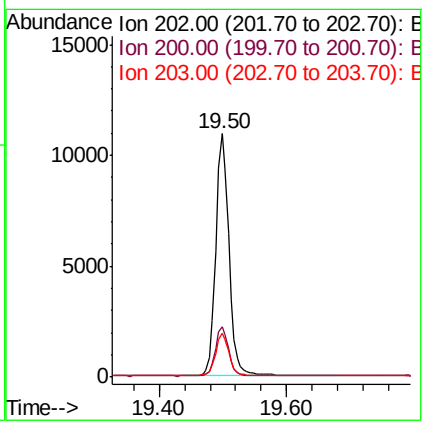


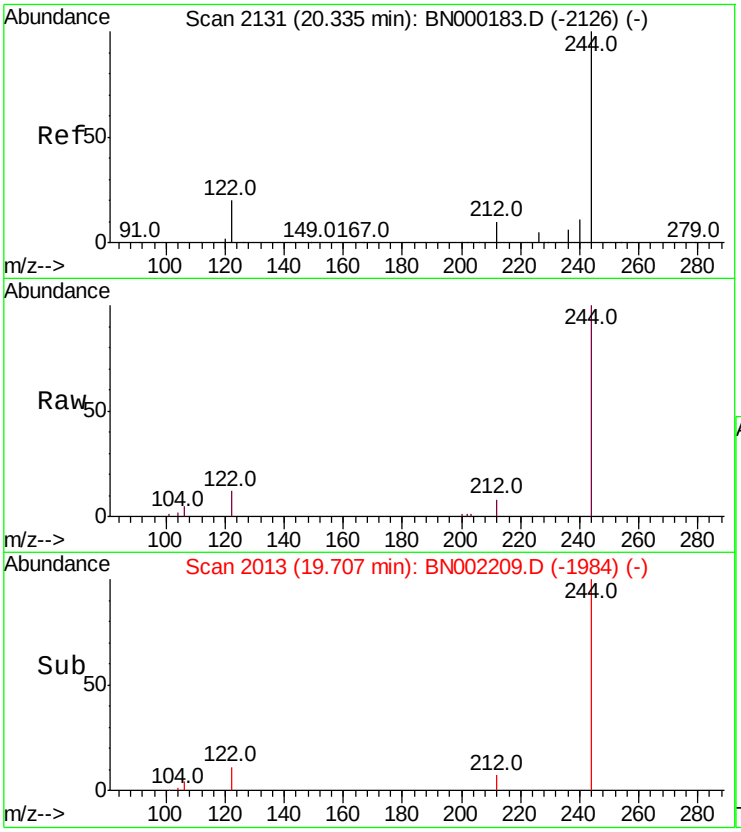


#28
Pyrene
Concen: 0.450 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:202 Resp: 15850

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	25.0
203	18.0	13.8	20.8



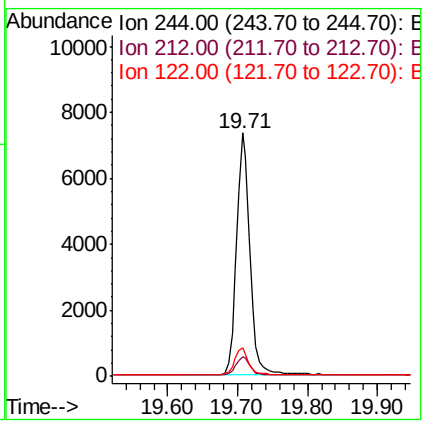


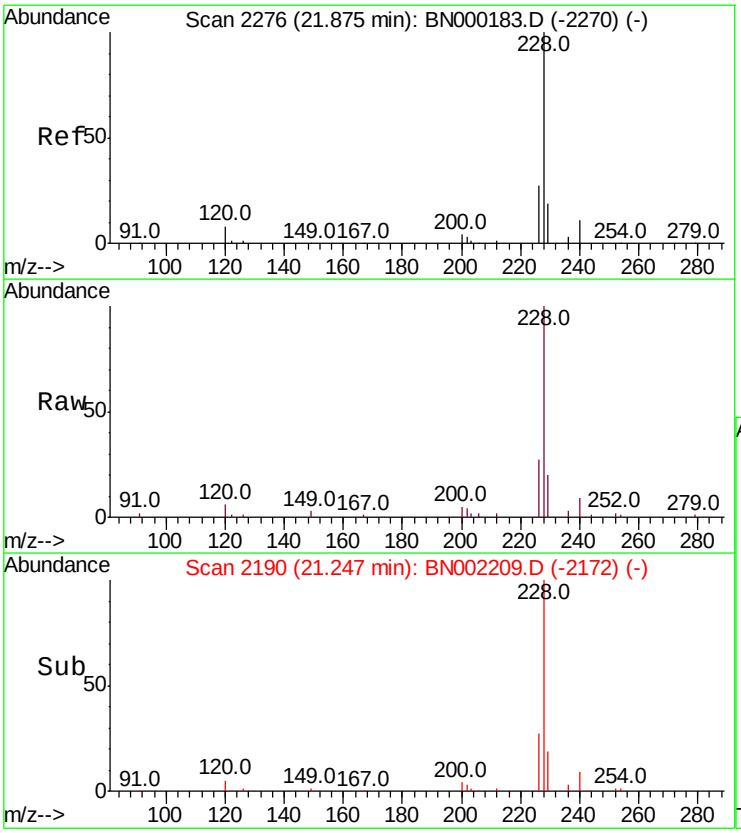
#29
Terphenyl-d14
Concen: 0.387 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9850

Ion	Ratio	Lower	Upper
244	100		
212	8.2	25.4	38.0#
122	11.8	8.1	12.1

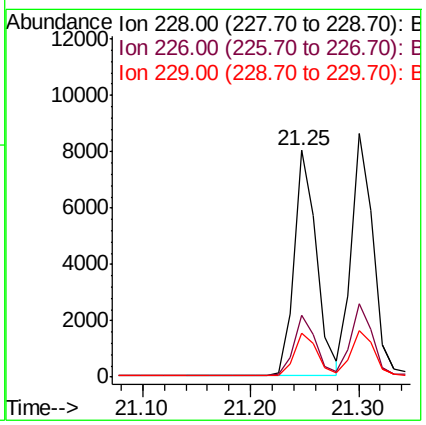


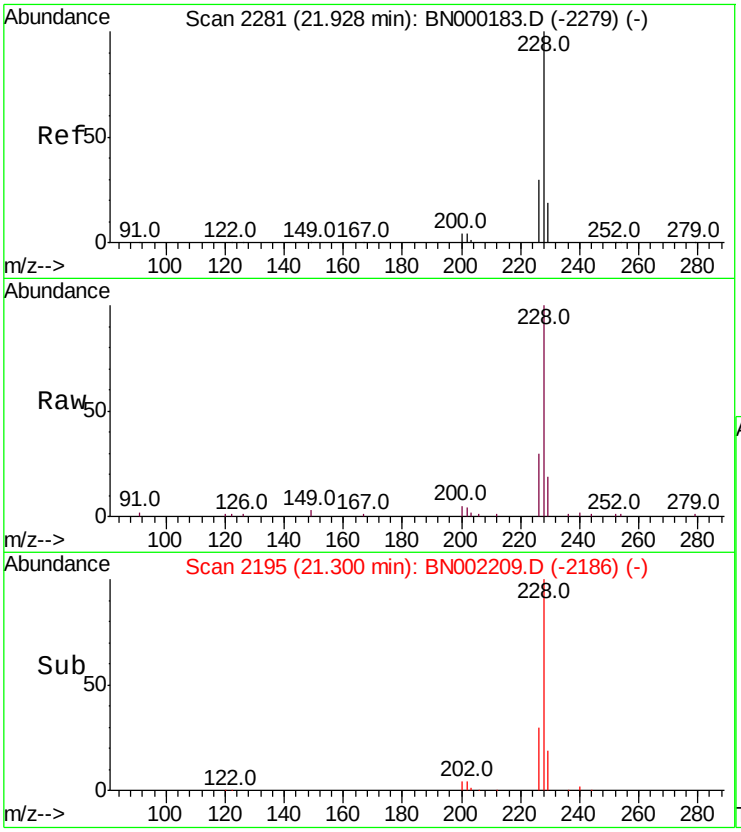


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:228 Resp: 11430

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	19.7	16.0	24.0



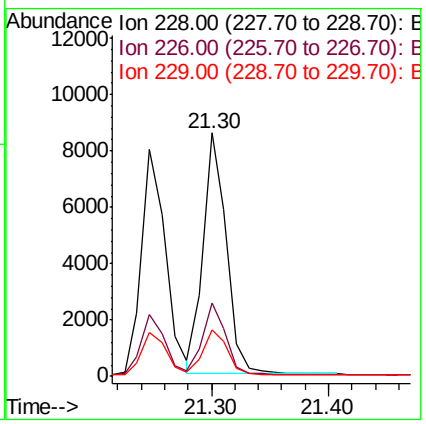


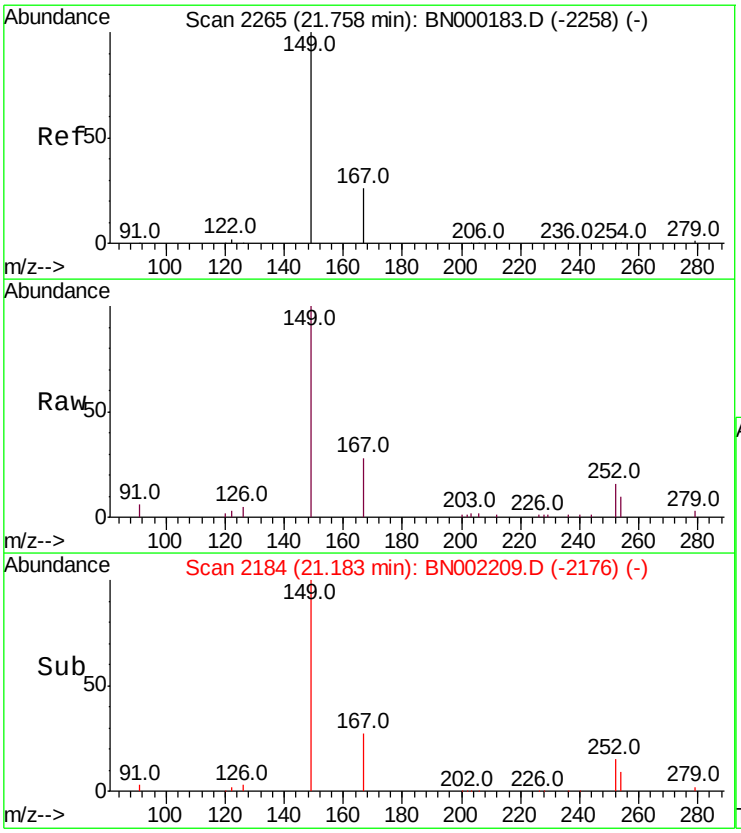
#31
Chrysene
Concen: 0.355 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 11918

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.4	16.0	24.0

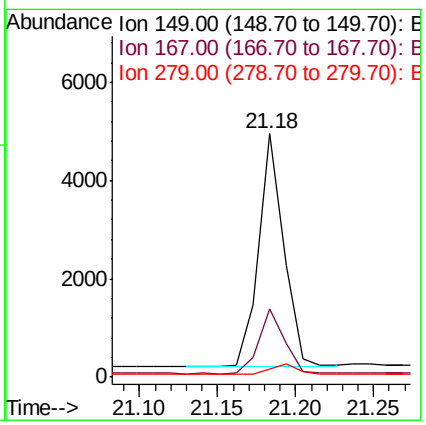


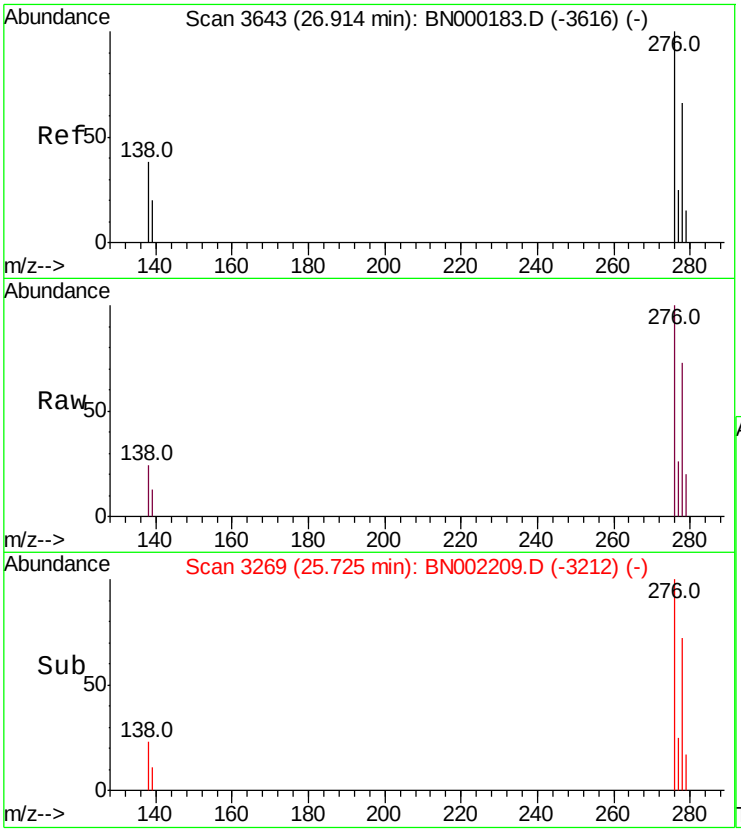


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:149 Resp: 5339

Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.0	30.0
279	4.4	1.6	2.4#



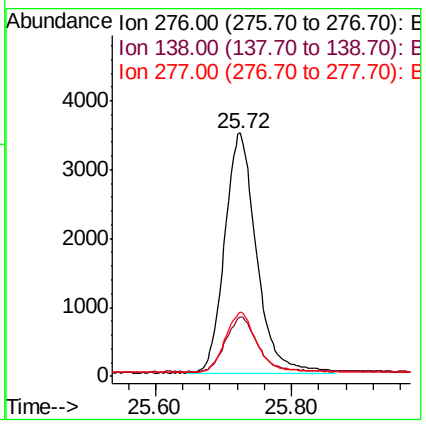


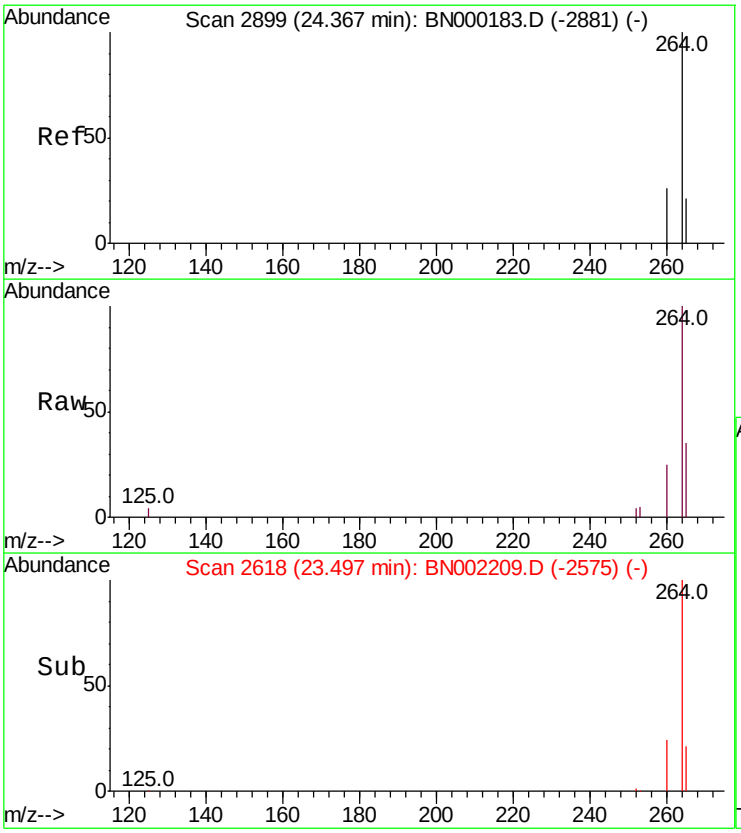
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 11288

Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.5	33.7
277	24.7	19.9	29.9

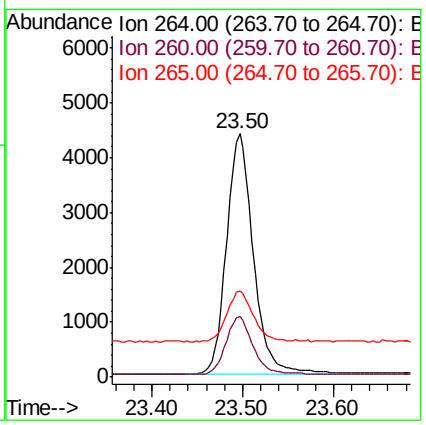


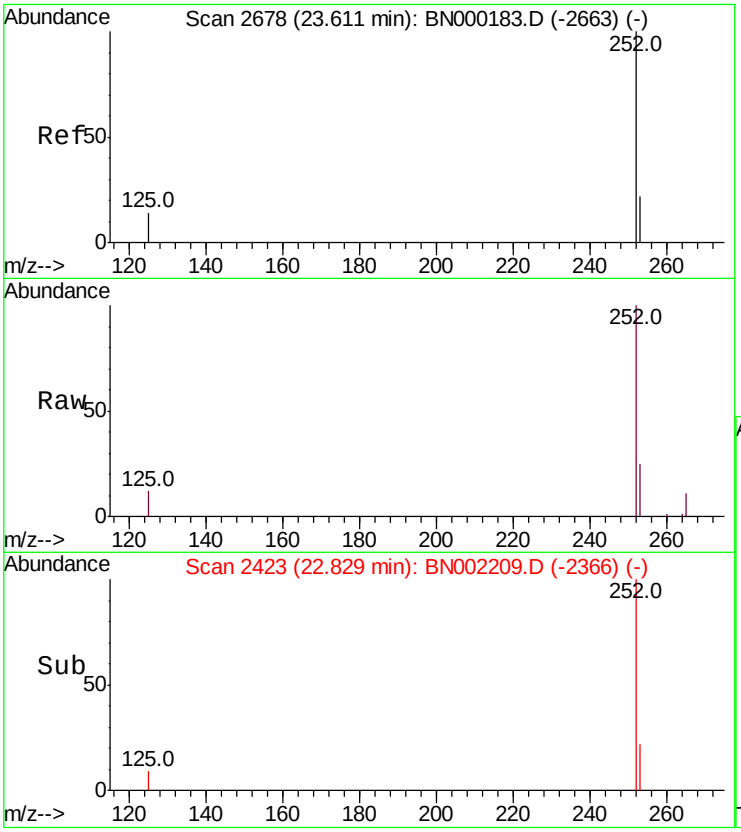


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:264 Resp: 8955

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	35.5	22.8	34.2#



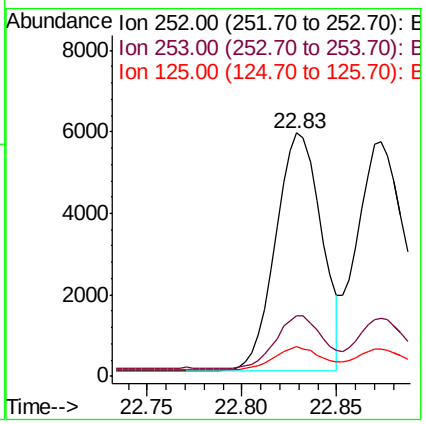


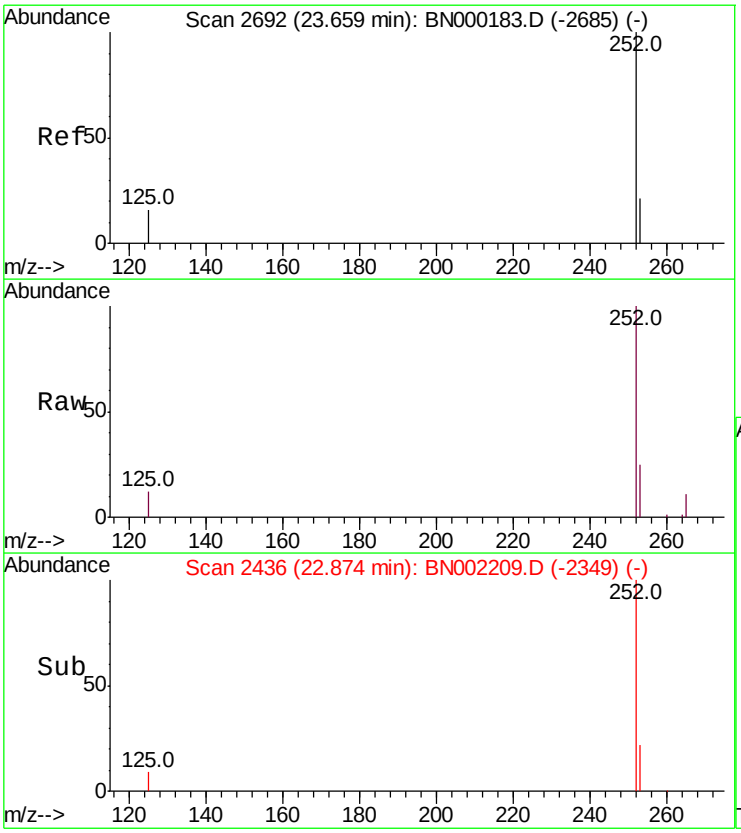
#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9774

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.0	30.0
125	12.1	16.0	24.0#

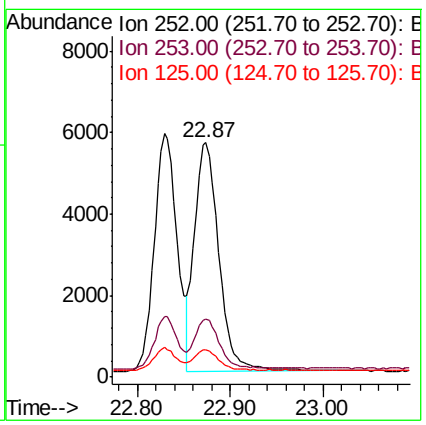


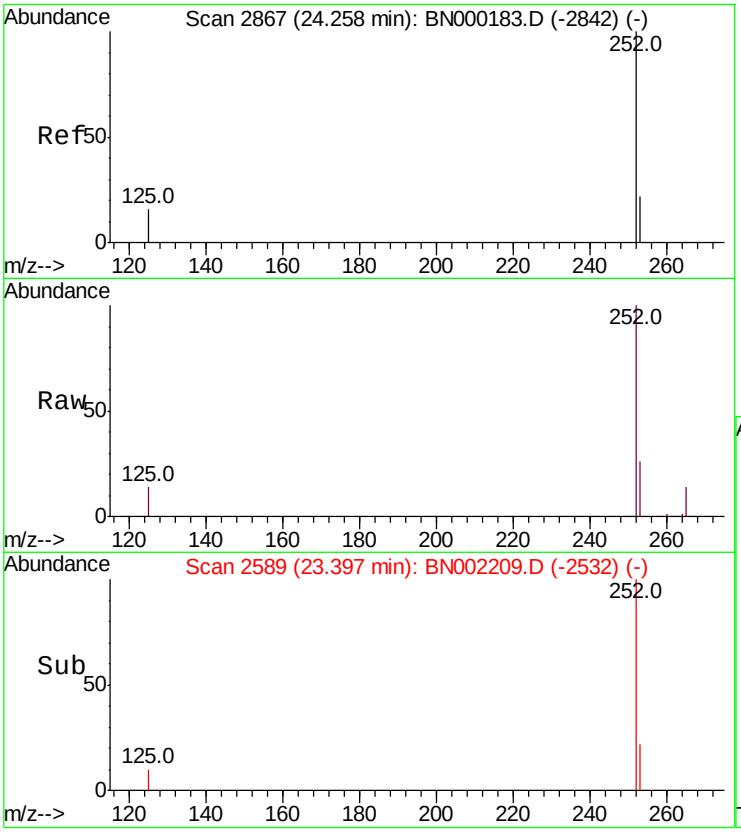


#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:252 Resp: 10178

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.0	24.0#
125	11.7	8.0	12.0



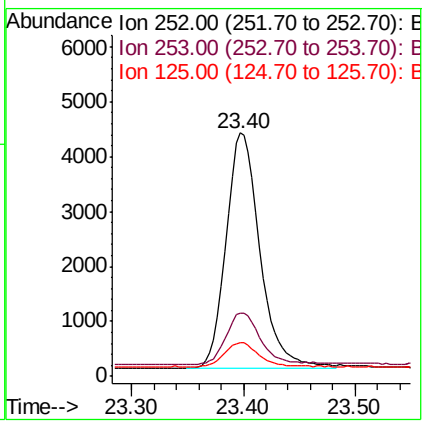


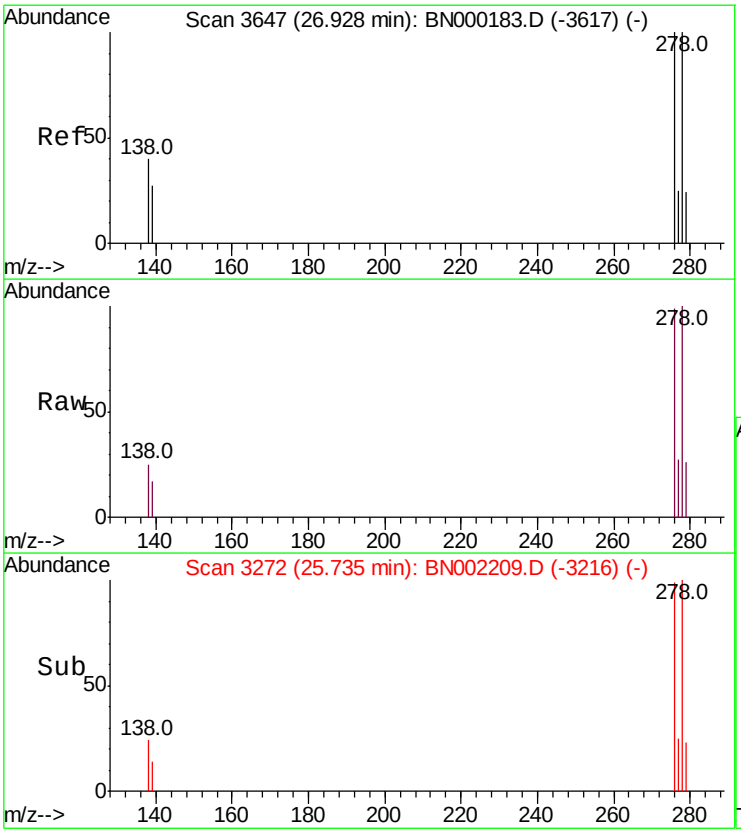
#37
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.40 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9085

Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.0	24.0#
125	13.8	12.0	18.0

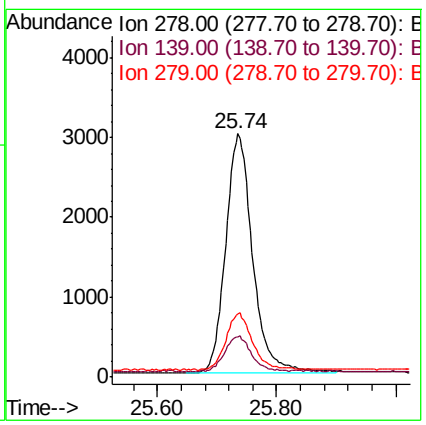


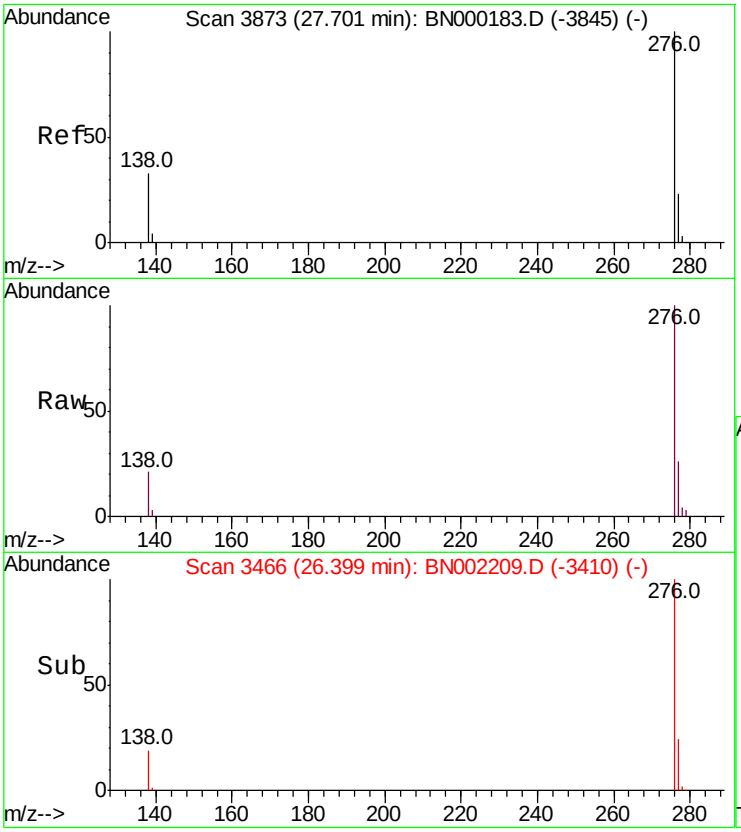


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 25.74 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:278 Resp: 9397

Ion	Ratio	Lower	Upper
278	100		
139	16.5	16.0	24.0
279	26.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.422 ng
RT: 26.40 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10002

Ion	Ratio	Lower	Upper
276	100		
277	25.8	16.0	24.0#
138	21.4	20.0	30.0