Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002210.D
Acq On : 31 Jul 2018 14:30
Operator : JU/SJ
Sample : PB111543BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 31 16:03:23 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	4254	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	17124	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	8879	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	18147	0.40	ng		0.00
27) Chrysene-d12	21.27	240	11396	0.40	ng		0.00
34) Perylene-d12	23.50	264	8876	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	3189	0.32	ng		0.00
5) Phenol-d6	6.88	99	3782	0.31	ng		0.00
8) Nitrobenzene-d5	8.84	82	4474	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	8792	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	900	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	13007	0.38	ng		0.00
25) Fluoranthene-d10	19.10	212	13419	0.30	ng		0.00
29) Terphenyl-d14	19.71	244	8938	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1145	0.239	ng	#	49
3) n-Nitrosodimethylamine	3.61	42	1162	0.381	ng	#	87
6) bis(2-Chloroethyl)ether	7.13	93	3737	0.322	ng		91
9) Naphthalene	10.52	128	13230	0.343	ng		96
10) Hexachlorobutadiene	10.80	225	2478	0.297	ng	#	55
12) 2-Methylnaphthalene	12.13	142	9056	0.347	ng		98
16) Acenaphthylene	14.03	152	12353	0.326	ng		100
17) Acenaphthene	14.38	154	8029	0.329	ng		97
18) Fluorene	15.37	166	9981	0.333	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	3215	0.313	ng	#	79
21) Hexachlorobenzene	16.38	284	3594	0.316	ng		95
22) Pentachlorophenol	16.74	266	979	0.438	ng		93
23) Phenanthrene	17.11	178	15262	0.338	ng		99
24) Anthracene	17.21	178	12681	0.340	ng		96
26) Fluoranthene	19.14	202	14960	0.304	ng	#	97
28) Pyrene	19.50	202	14091	0.418	ng		99
30) Benzo(a)anthracene	21.25	228	10163	0.354	ng		97
31) Chrysene	21.30	228	10711	0.334	ng		100
32) Bis(2-ethylhexyl)phthalate	21.18	149	4706	0.359	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.73	276	10566	0.350	ng	#	94
35) Benzo(b)fluoranthene	22.83	252	9259	0.355	ng	#	92
36) Benzo(k)fluoranthene	22.88	252	9202	0.340	ng	#	91
37) Benzo(a)pyrene	23.40	252	8504	0.360	ng	#	93
38) Dibenzo(a,h)anthracene	25.74	278	8658	0.376	ng		95
39) Benzo(g,h,i)perylene	26.40	276	9330	0.397	ng	#	91

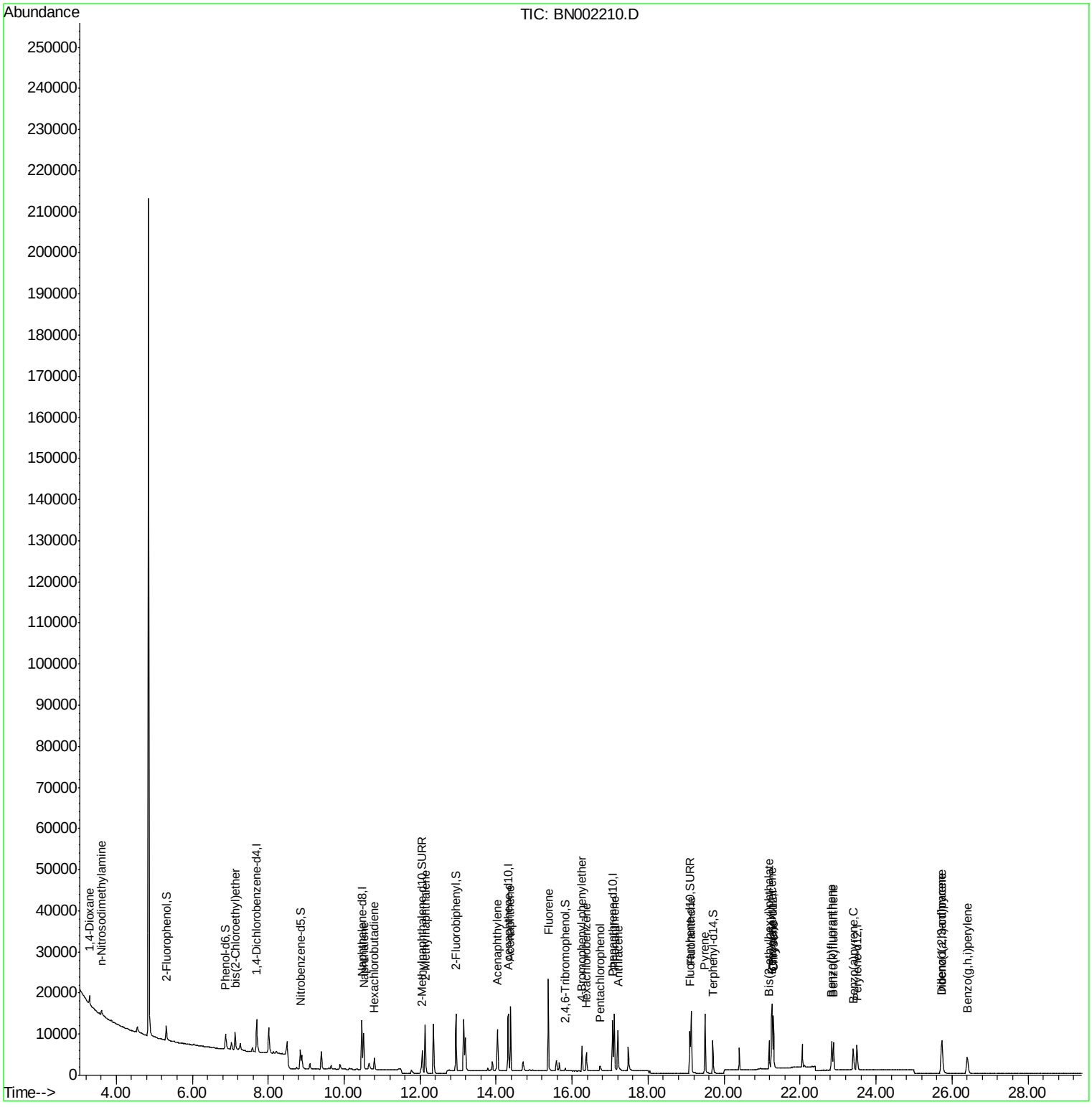
(#) = qualifier out of range (m) = manual integration (+) = signals summed

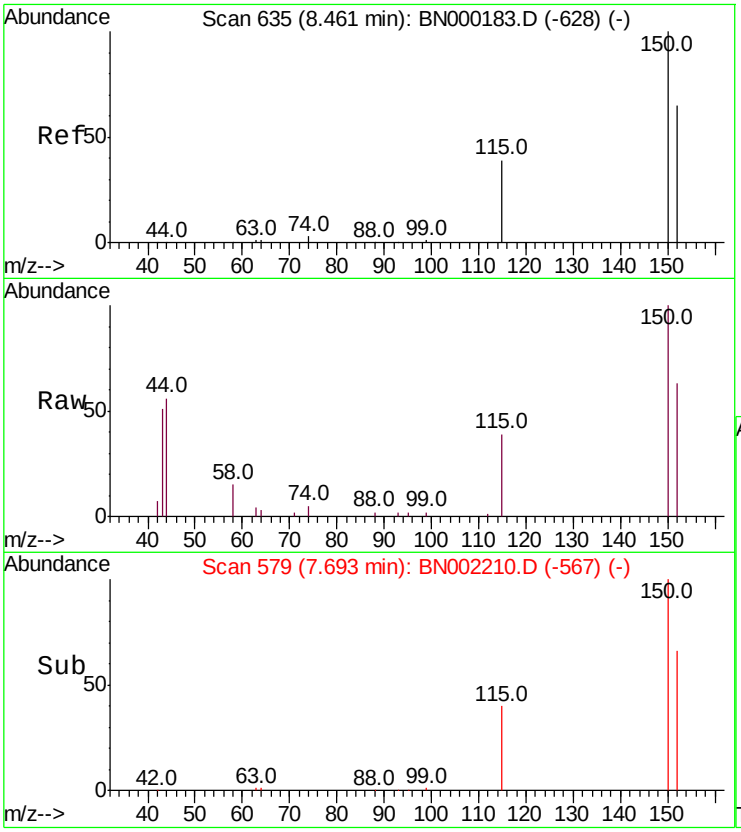
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002210.D
Acq On : 31 Jul 2018 14:30
Operator : JU/SJ
Sample : PB111543BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 16:03:23 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



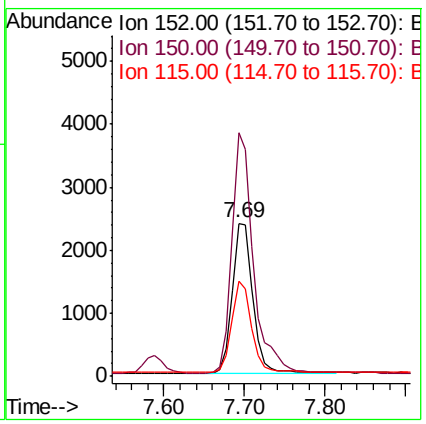


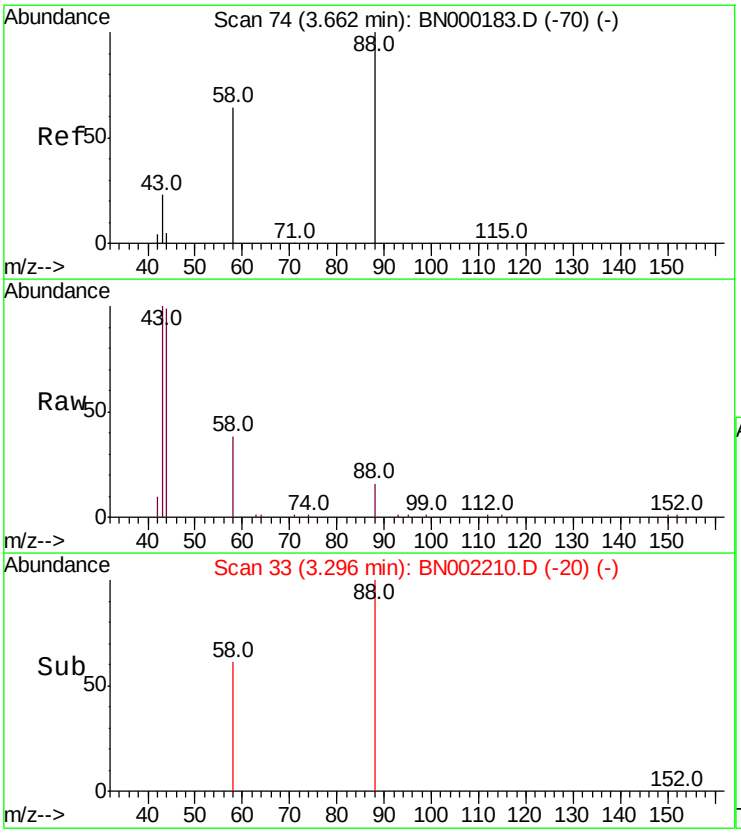
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4254

Ion	Ratio	Lower	Upper
152	100		
150	159.3	117.2	175.8
115	62.5	57.0	85.6

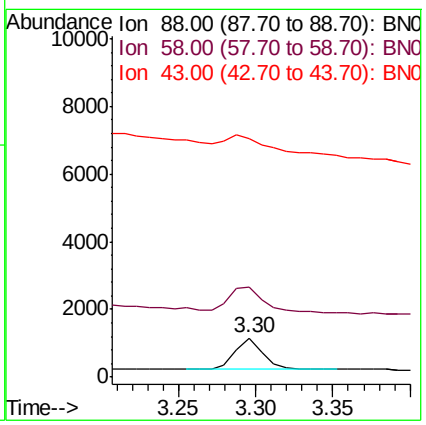


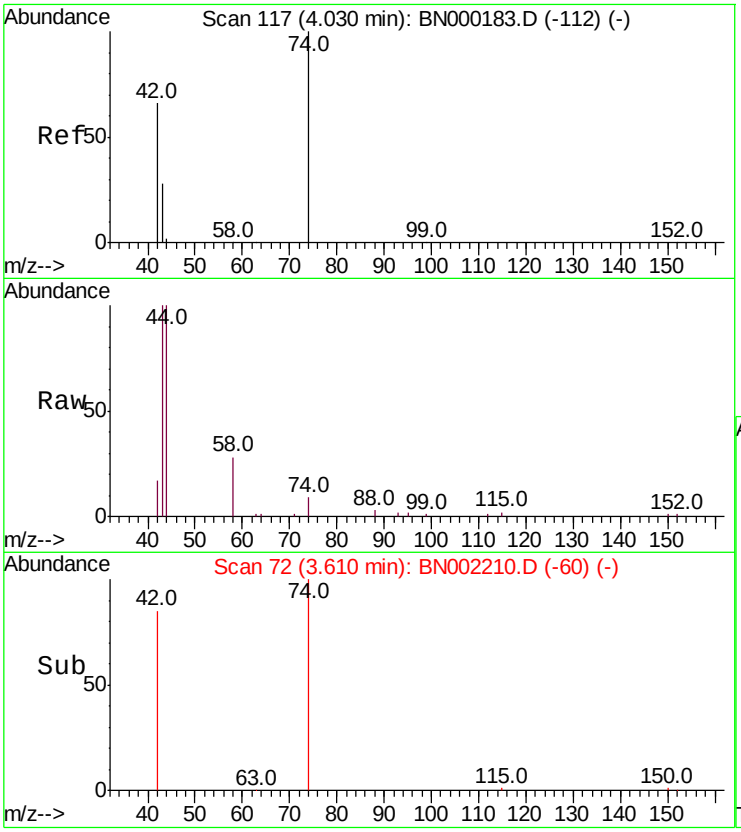


#2
1,4-Dioxane
Concen: 0.239 ng
RT: 3.30 min Scan# 33
Delta R.T. 0.01 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion: 88 Resp: 1145

Ion	Ratio	Lower	Upper
88	100		
58	113.3	72.0	108.0#
43	104.5	28.0	42.0#



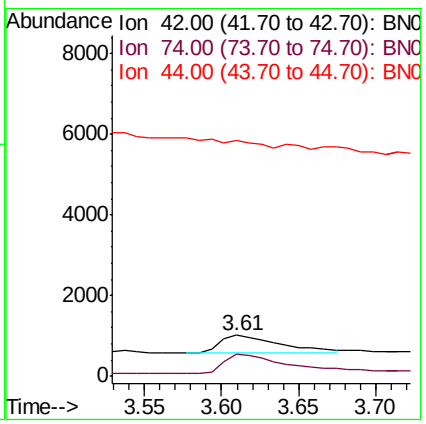


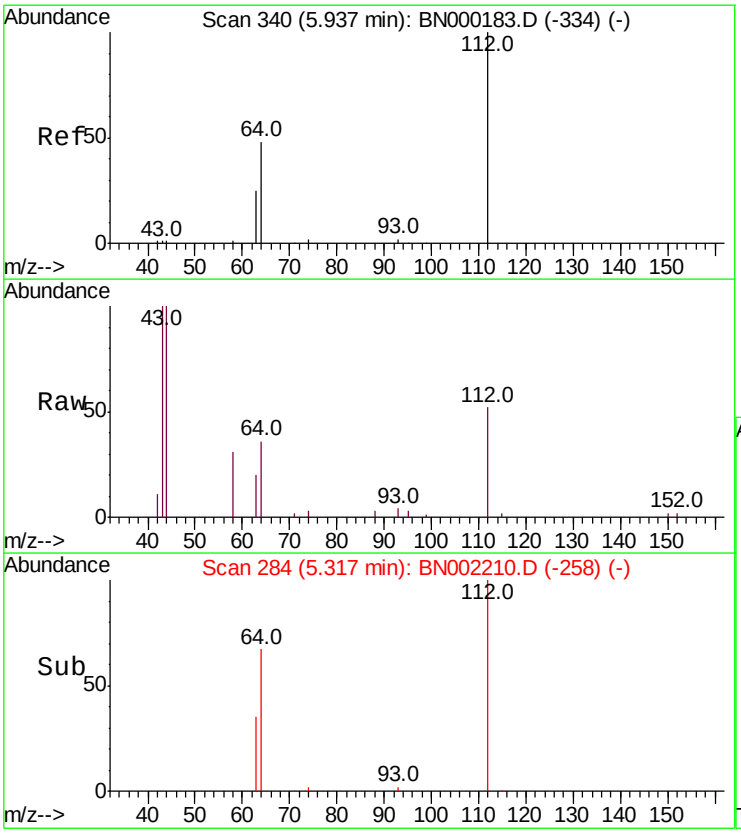
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.61 min Scan# 72
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1162

Ion	Ratio	Lower	Upper
42	100		
74	117.8	88.0	132.0
44	0.0	16.0	24.0#

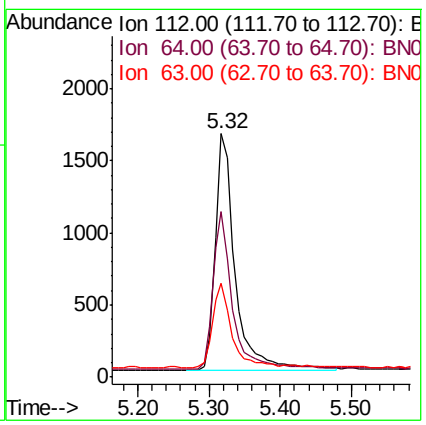


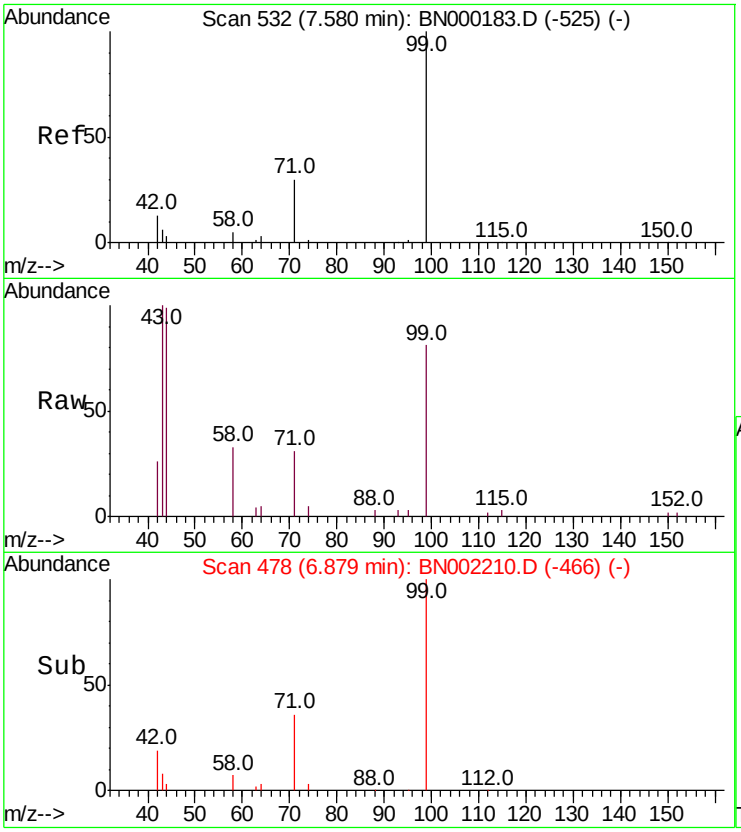


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:112 Resp: 3189

Ion	Ratio	Lower	Upper
112	100		
64	65.3	60.1	90.1
63	34.2	116.8	175.2#



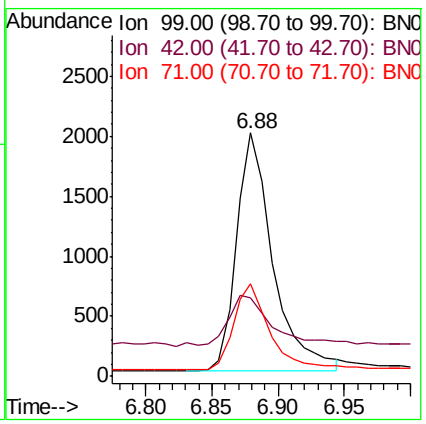


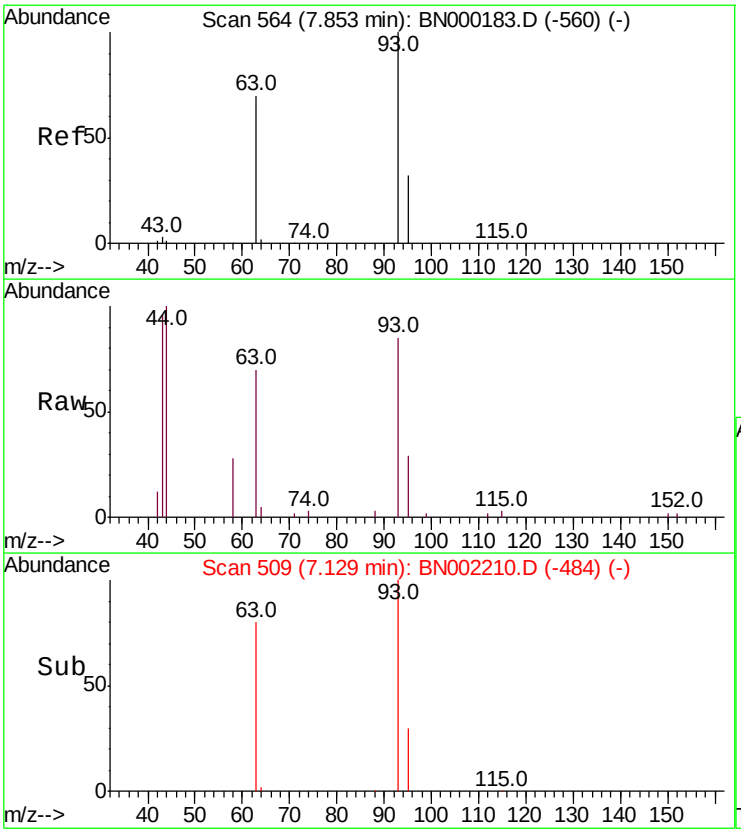
#5
Phenol-d6
Concen: 0.313 ng
RT: 6.88 min Scan# 478
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3782

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.2	30.2
71	36.0	28.4	42.6

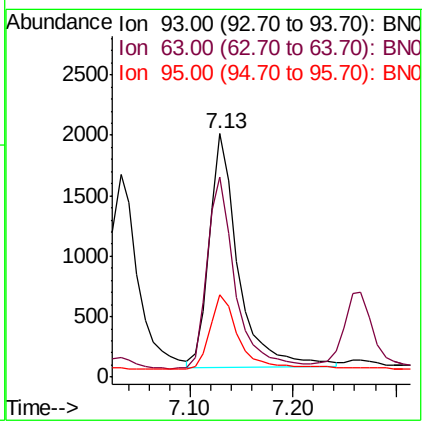


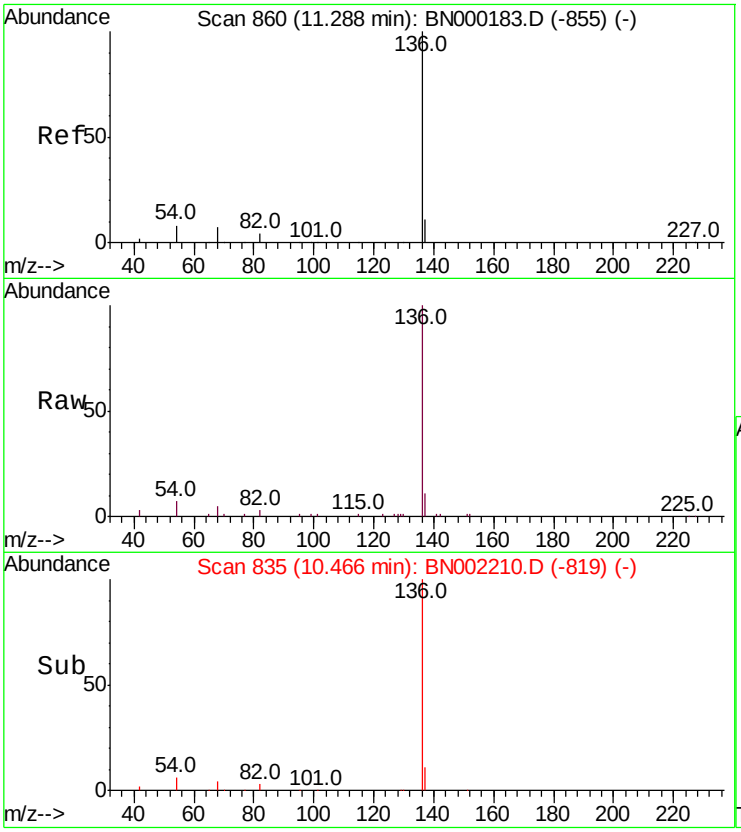


#6
bis(2-Chloroethyl)ether
Concen: 0.322 ng
RT: 7.13 min Scan# 509
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion: 93 Resp: 3737

Ion	Ratio	Lower	Upper
93	100		
63	80.0	56.0	84.0
95	33.3	25.2	37.8



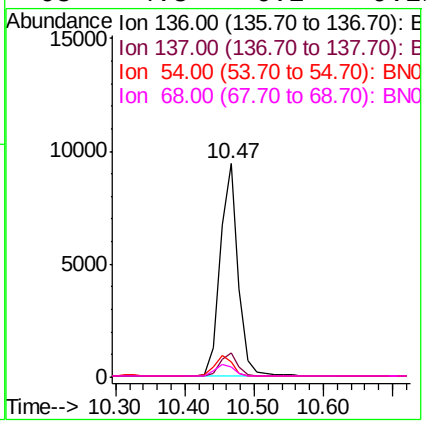


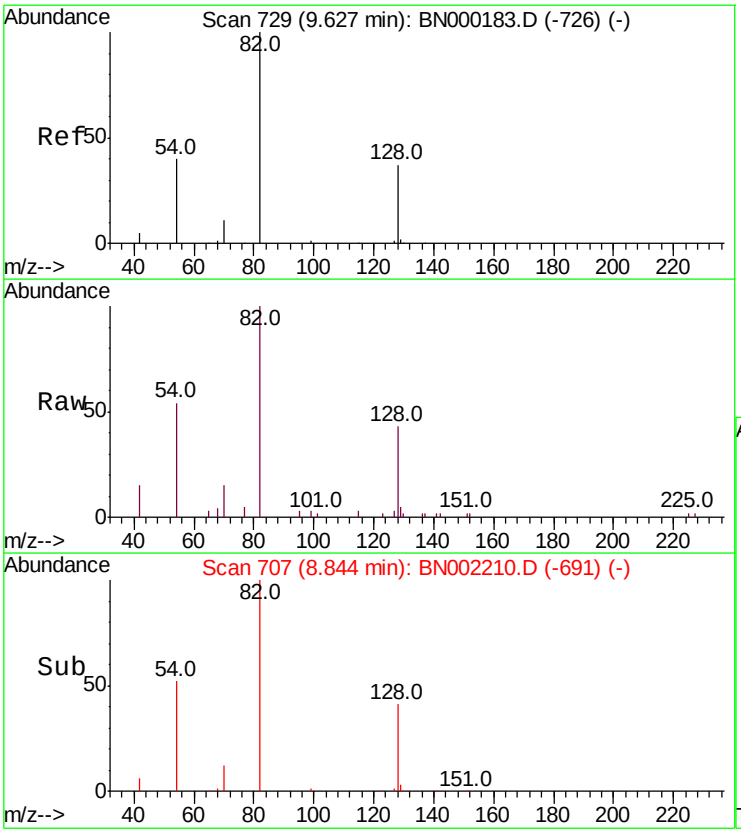
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17124

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	7.0	29.1	43.7#
68	4.8	6.2	9.2#

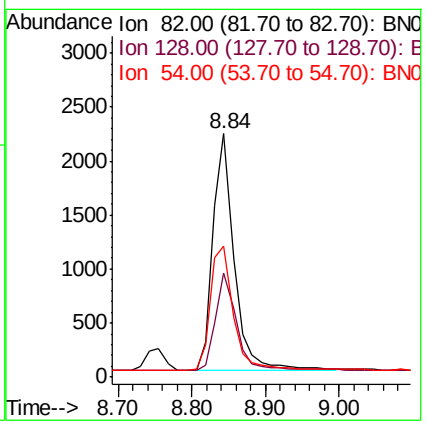


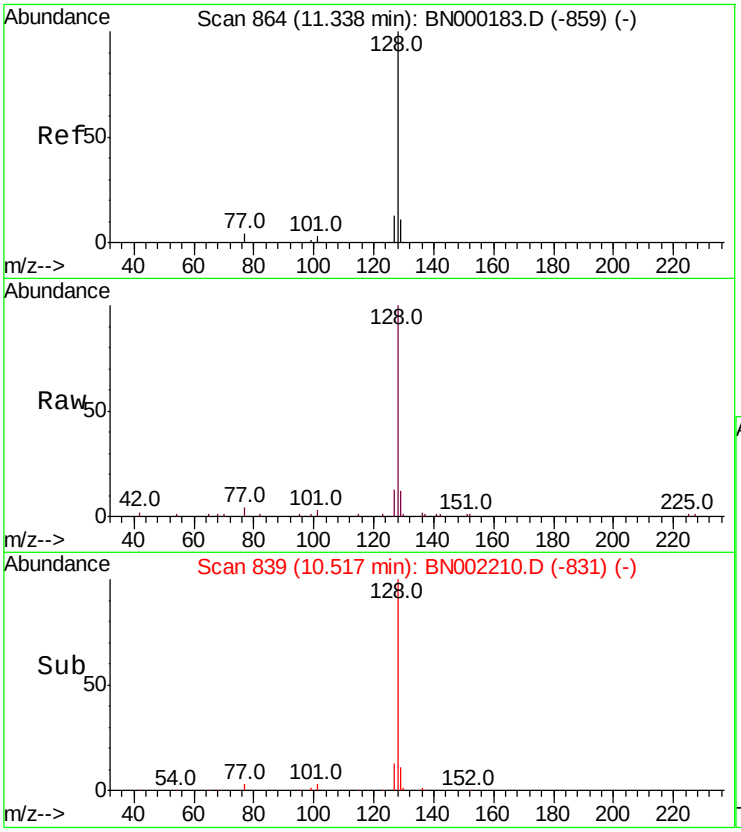


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.84 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion: 82 Resp: 4474

Ion	Ratio	Lower	Upper
82	100		
128	42.6	150.0	225.0#
54	53.6	154.2	231.4#



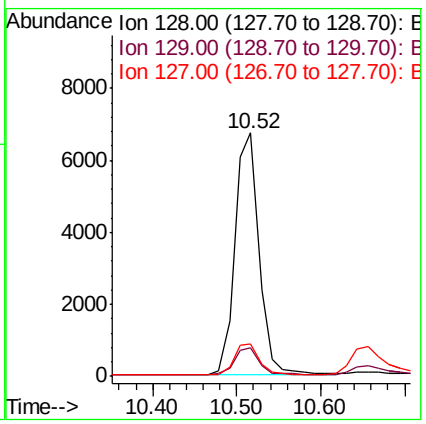


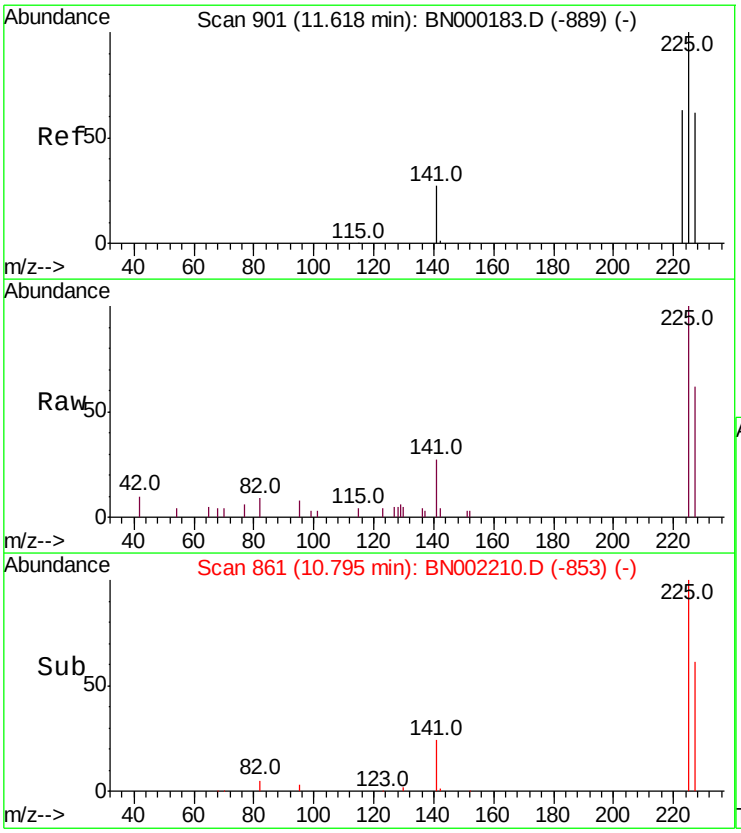
#9
Naphthalene
Concen: 0.343 ng
RT: 10.52 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13230

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.0	12.0
127	13.3	9.6	14.4

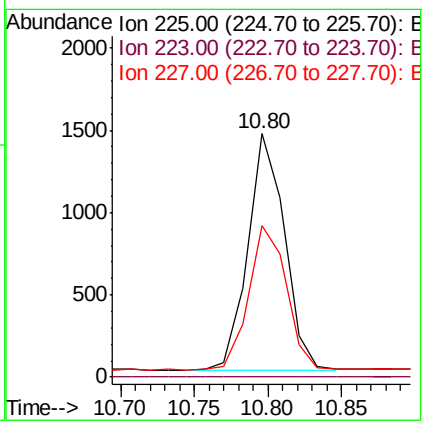


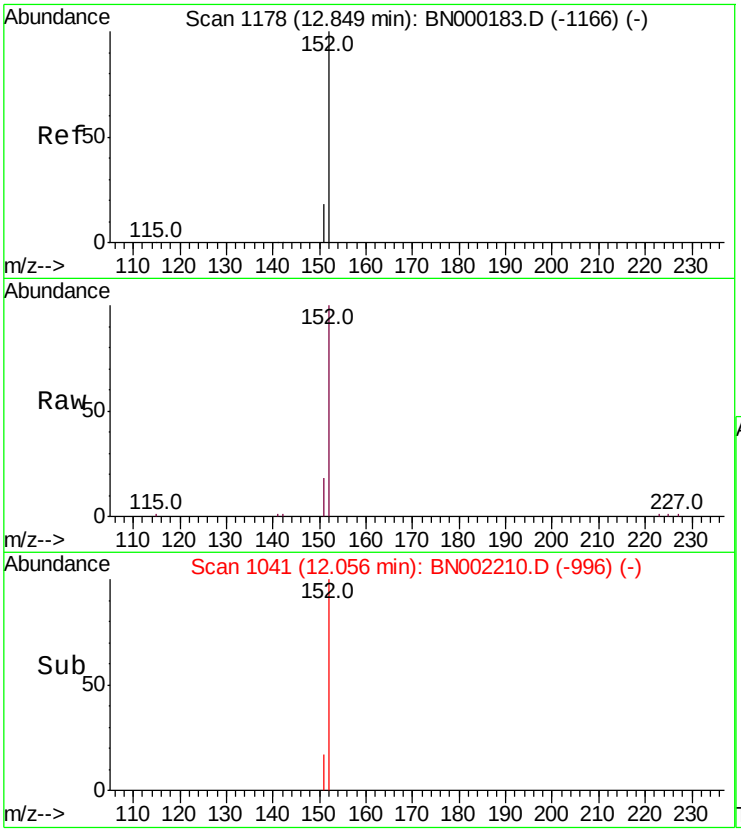


#10
Hexachlorobutadiene
Concen: 0.297 ng
RT: 10.80 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:225 Resp: 2478

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	63.2	48.0	72.0



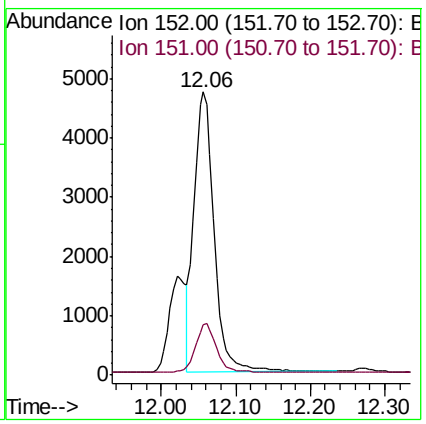


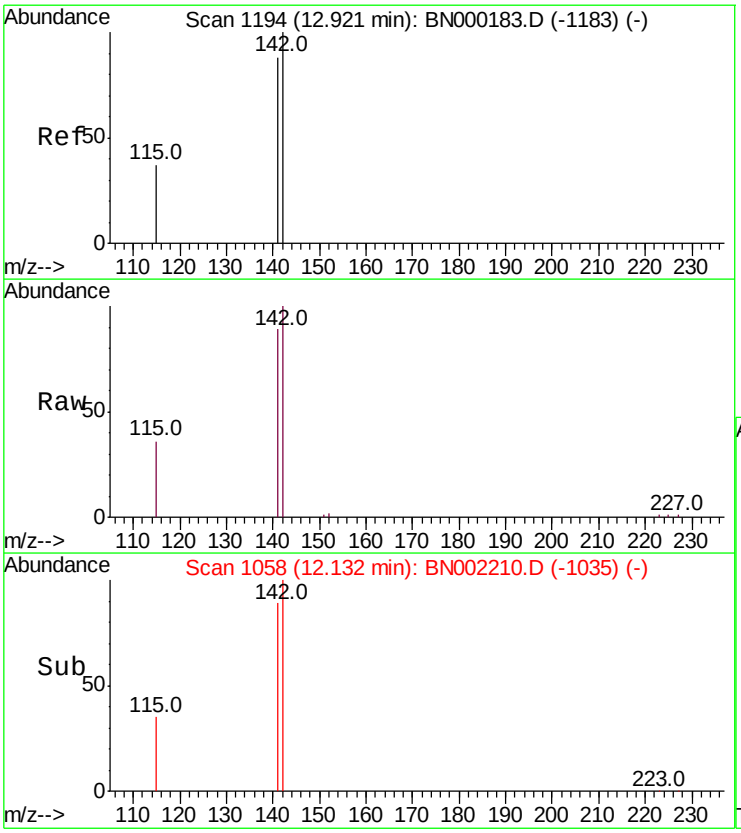
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.06 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8792

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0

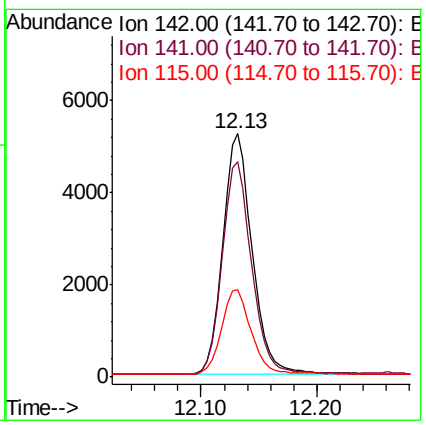


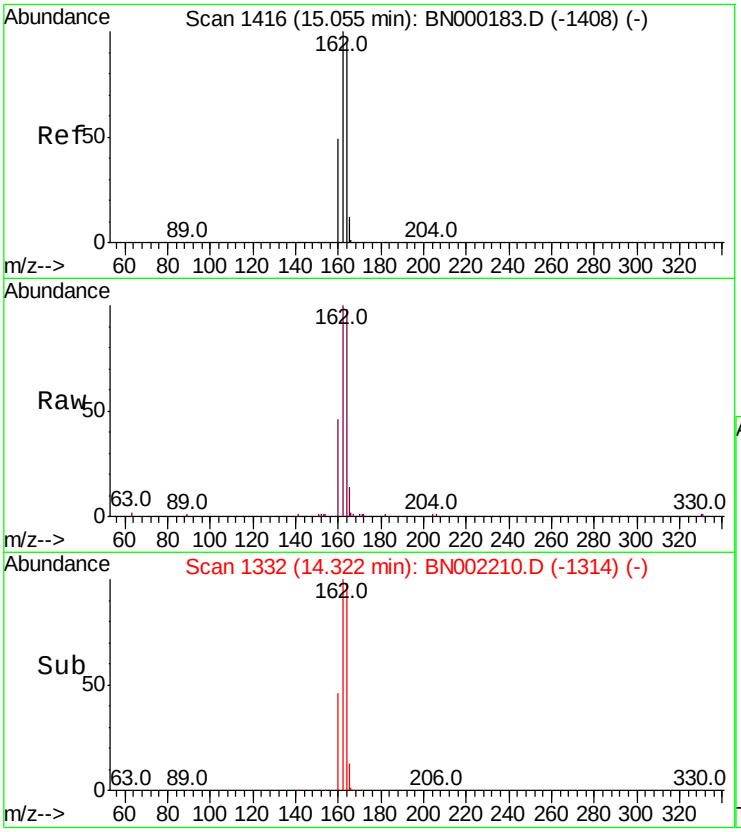


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.13 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:142 Resp: 9056

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	36.2	31.7	47.5



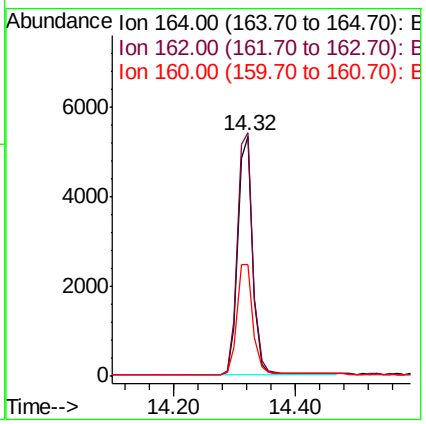


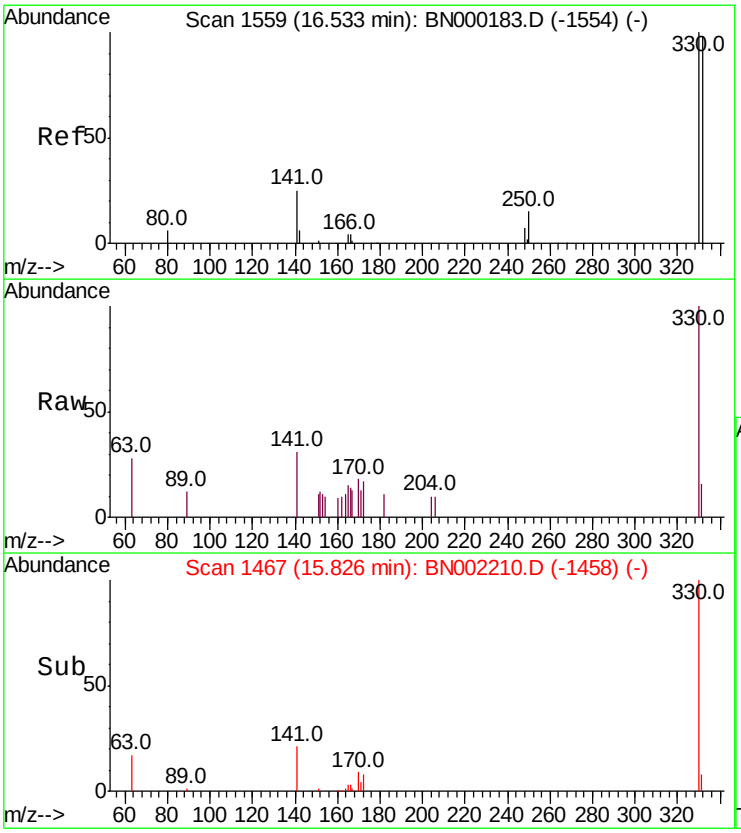
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8879

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.1	124.7
160	46.8	37.1	55.7

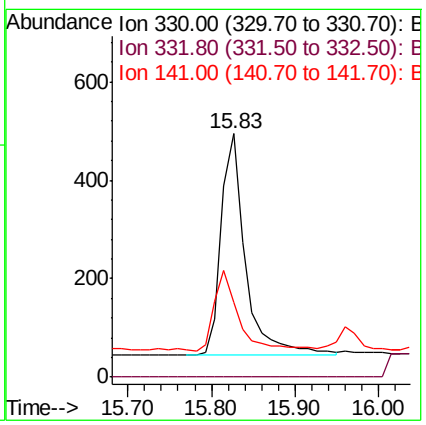


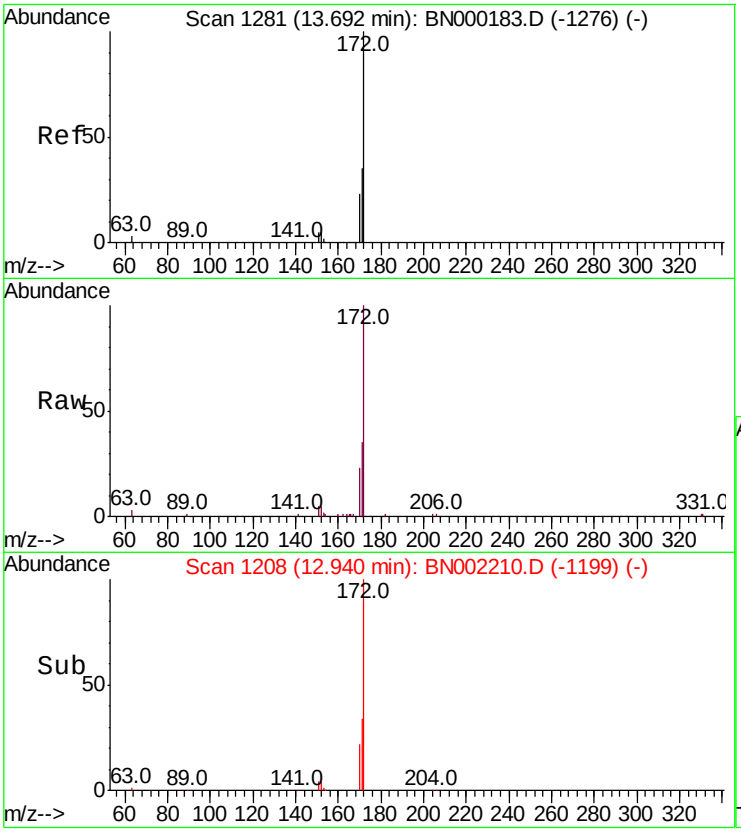


#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.83 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:330 Resp: 900

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	34.2	33.7	50.5



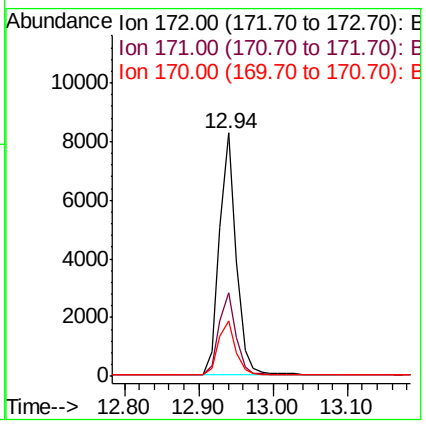


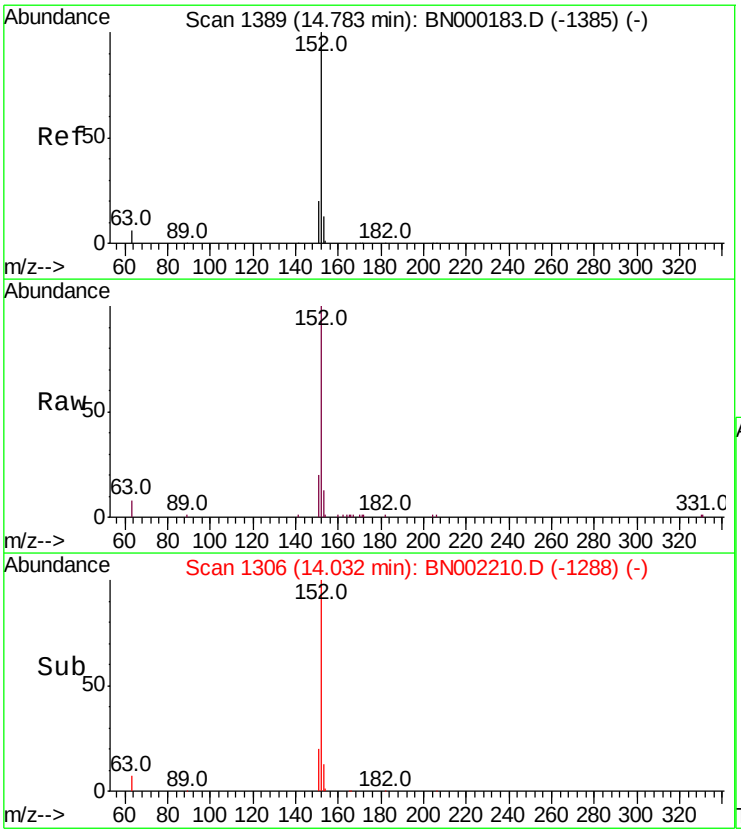
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 13007

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	22.6	21.8	32.8

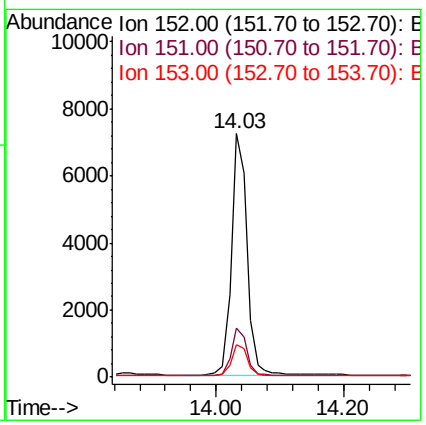


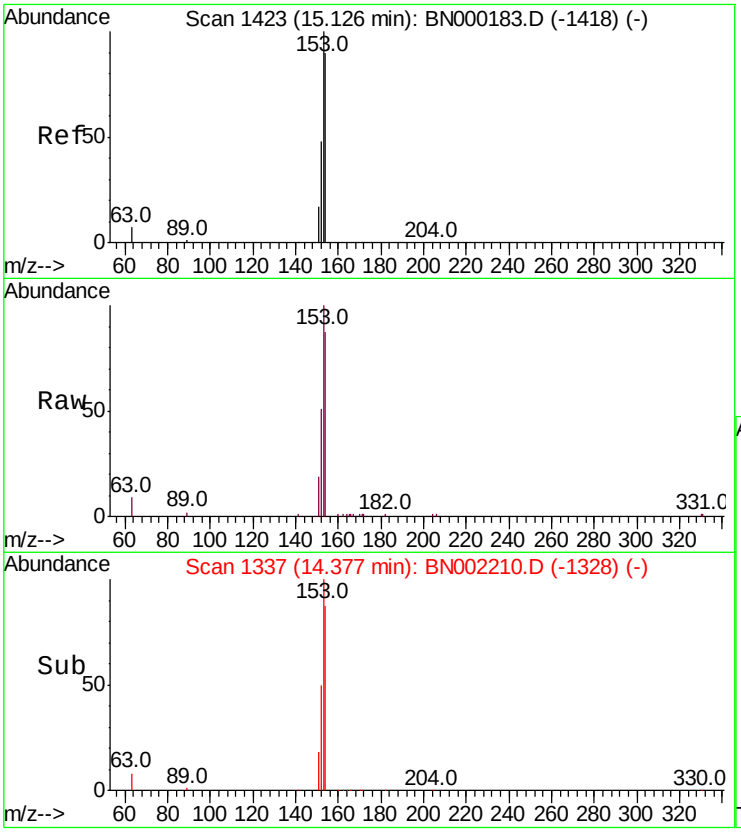


#16
Acenaphthylene
Concen: 0.326 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:152 Resp: 12353

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.8	10.5	15.7



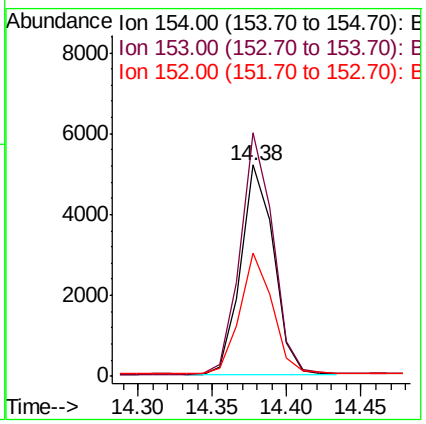


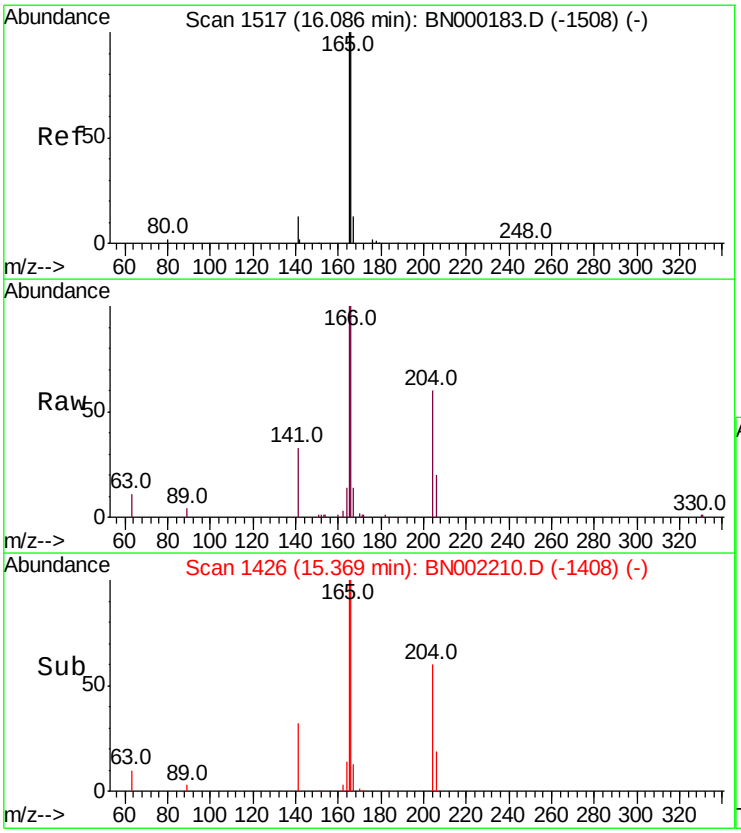
#17
Acenaphthene
Concen: 0.329 ng
RT: 14.38 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8029

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	56.5	42.0	63.0

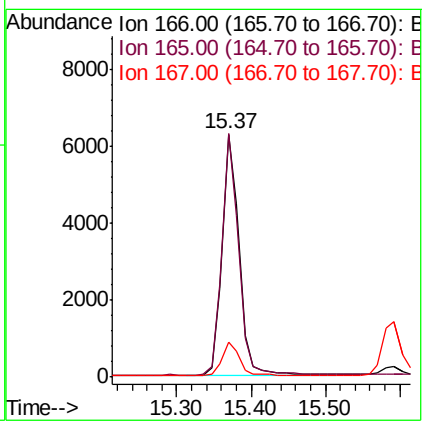


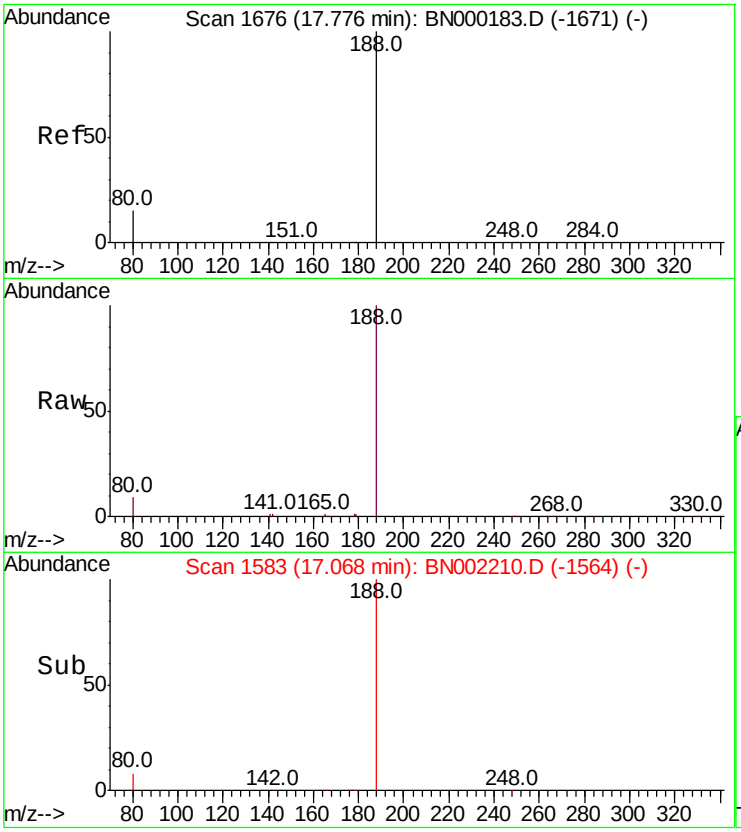


#18
Fluorene
Concen: 0.333 ng
RT: 15.37 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:166 Resp: 9981

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	13.7	42.4	63.6#



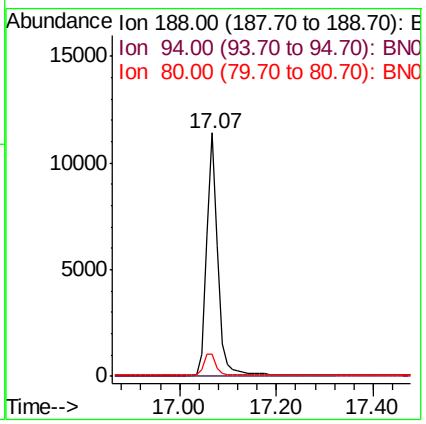


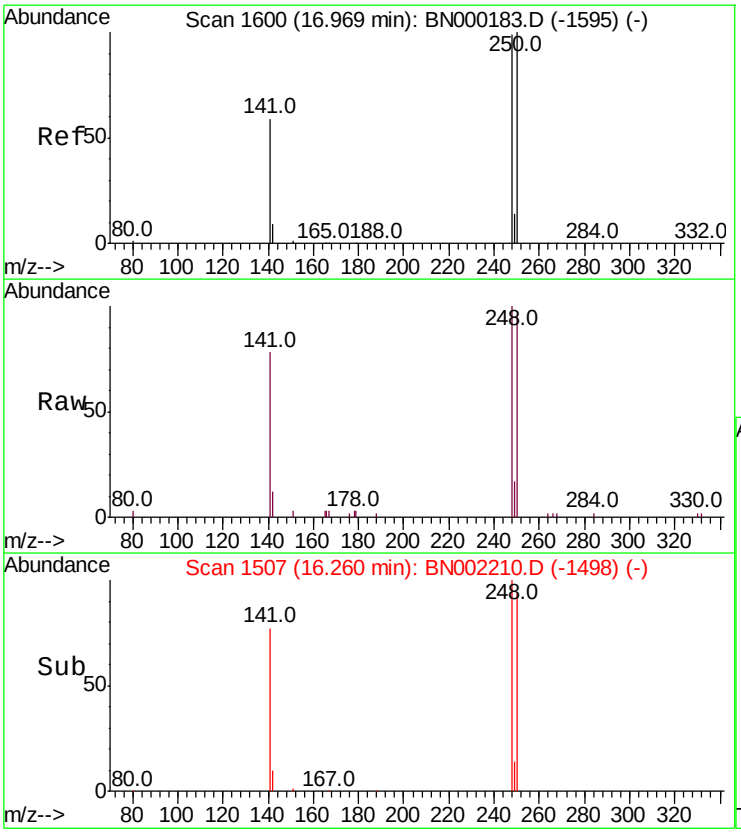
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18147

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.0	3.6	5.4#

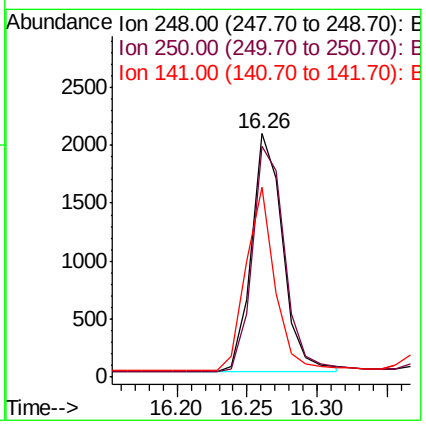


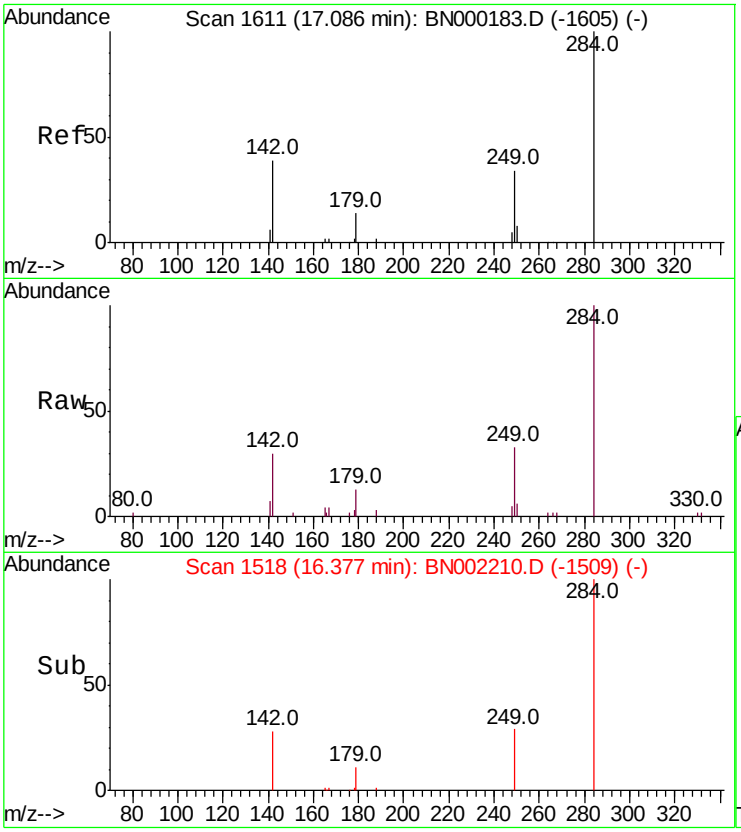


#20
4-Bromophenyl-phenylether
Concen: 0.313 ng
RT: 16.26 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:248 Resp: 3215

Ion	Ratio	Lower	Upper
248	100		
250	94.6	62.7	94.1#
141	77.8	48.2	72.2#



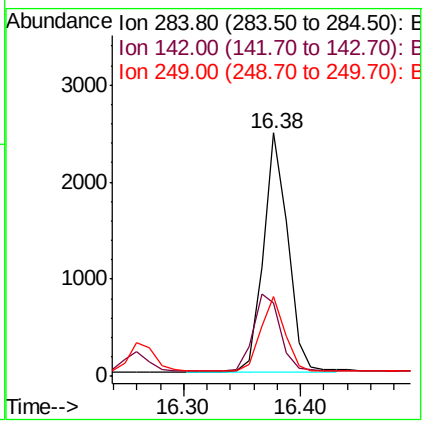


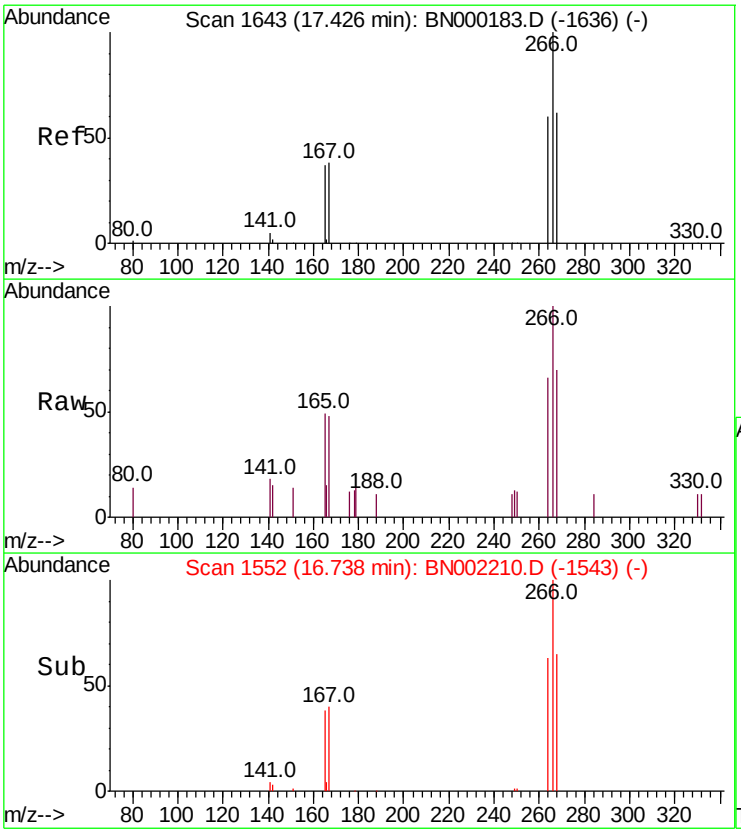
#21
Hexachlorobenzene
Concen: 0.316 ng
RT: 16.38 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 3594

Ion	Ratio	Lower	Upper
284	100		
142	35.5	32.0	48.0
249	30.7	24.0	36.0

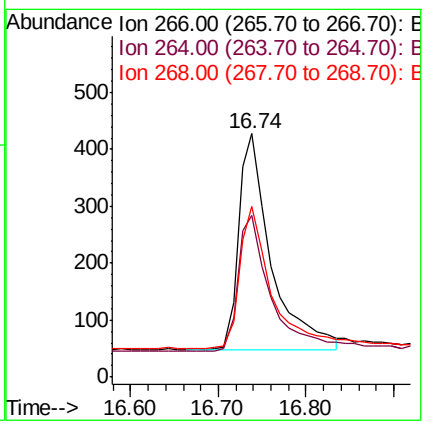


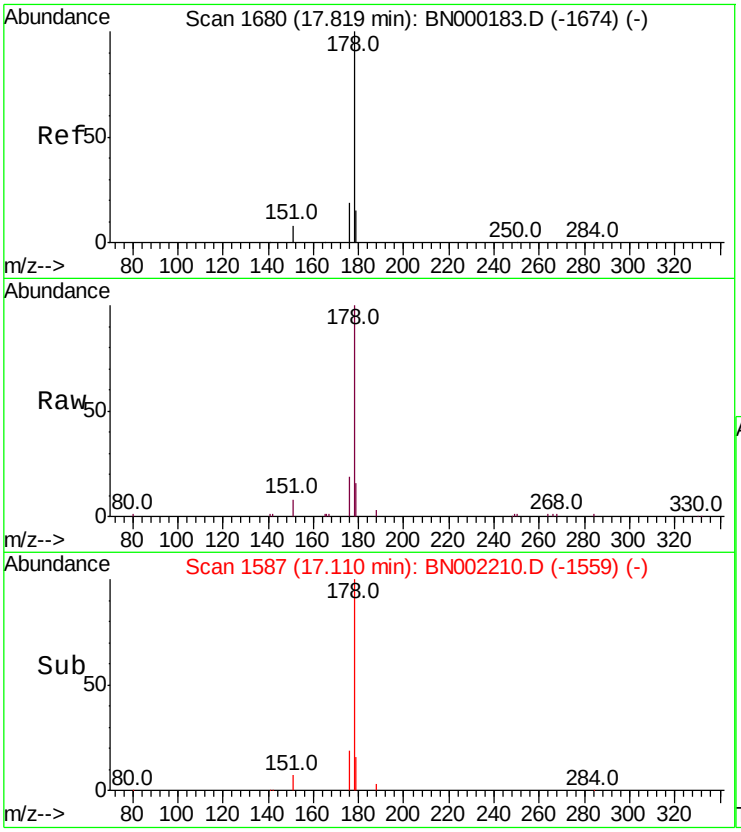


#22
Pentachlorophenol
Concen: 0.438 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:266 Resp: 979

Ion	Ratio	Lower	Upper
266	100		
264	66.1	48.0	72.0
268	70.1	52.0	78.0



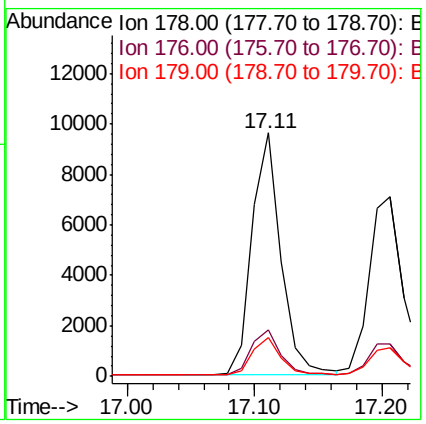


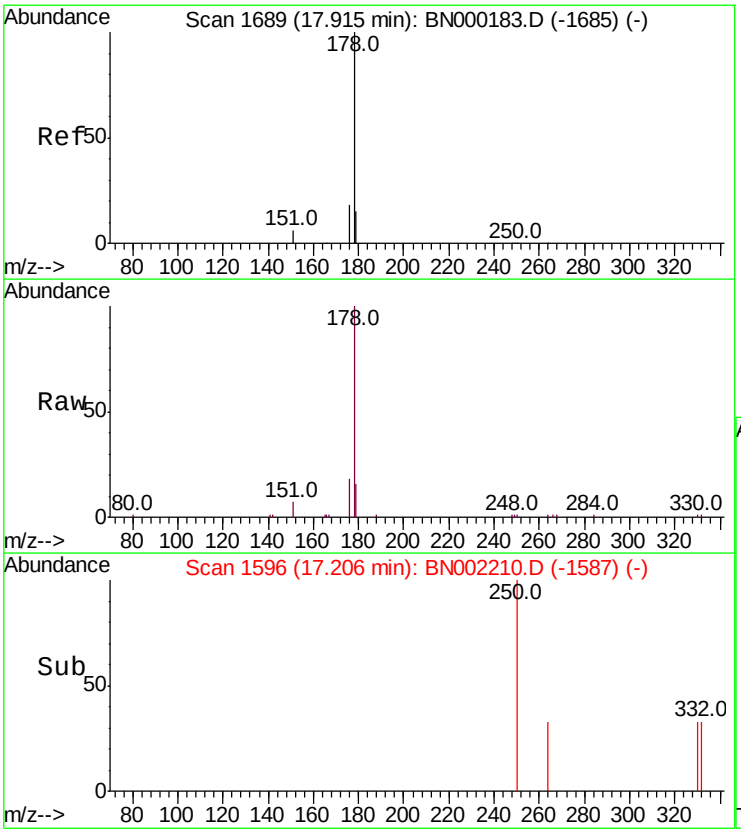
#23
Phenanthrene
Concen: 0.338 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15262

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	11.8	17.6

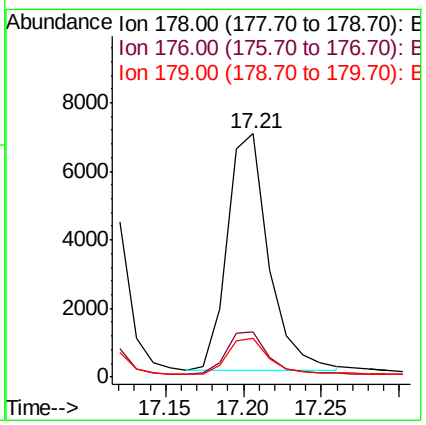


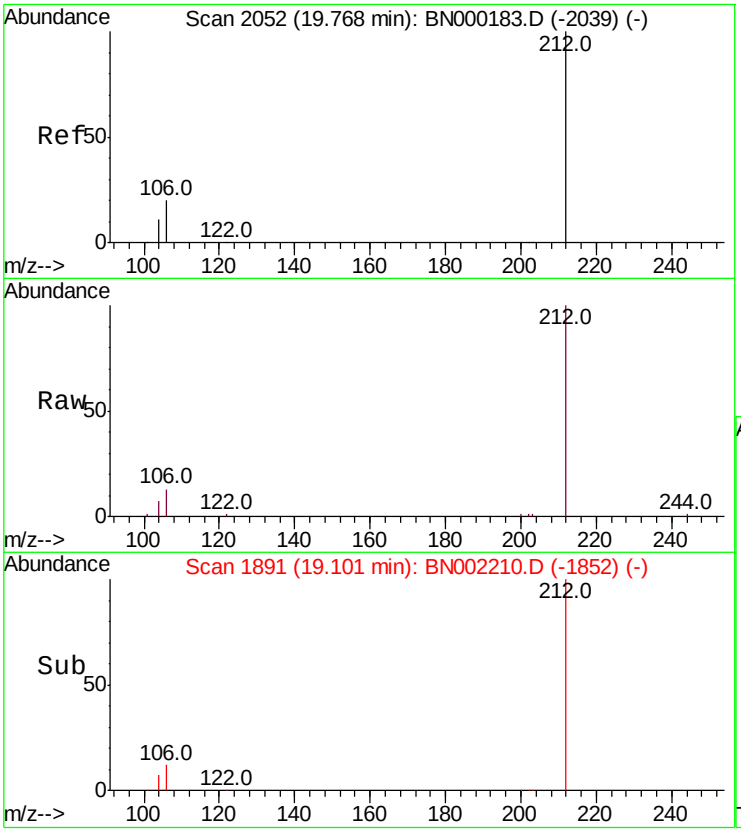


#24
Anthracene
Concen: 0.340 ng
RT: 17.21 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:178 Resp: 12681

Ion	Ratio	Lower	Upper
178	100		
176	18.1	12.8	19.2
179	15.2	13.0	19.6



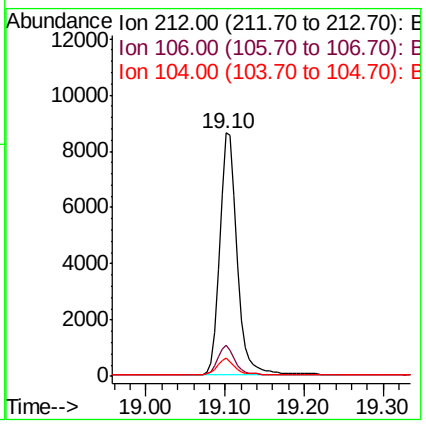


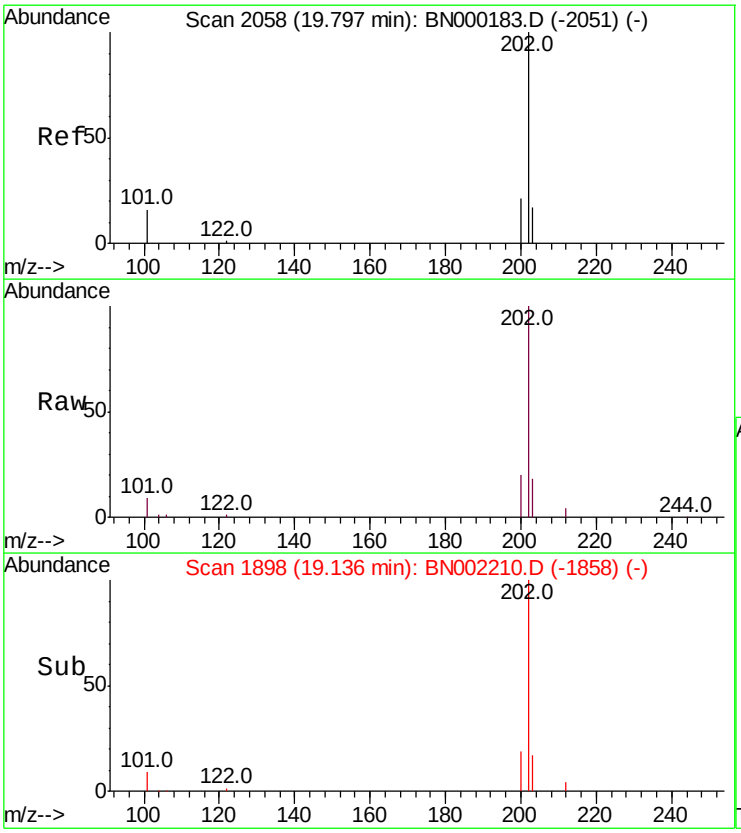
#25
Fluoranthene-d10
Concen: 0.299 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 13419

Ion	Ratio	Lower	Upper
212	100		
106	11.9	2.8	4.2#
104	6.6	1.6	2.4#

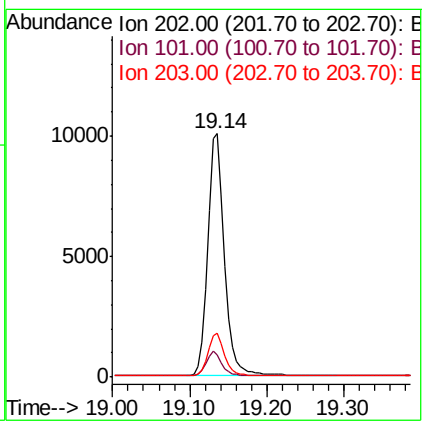


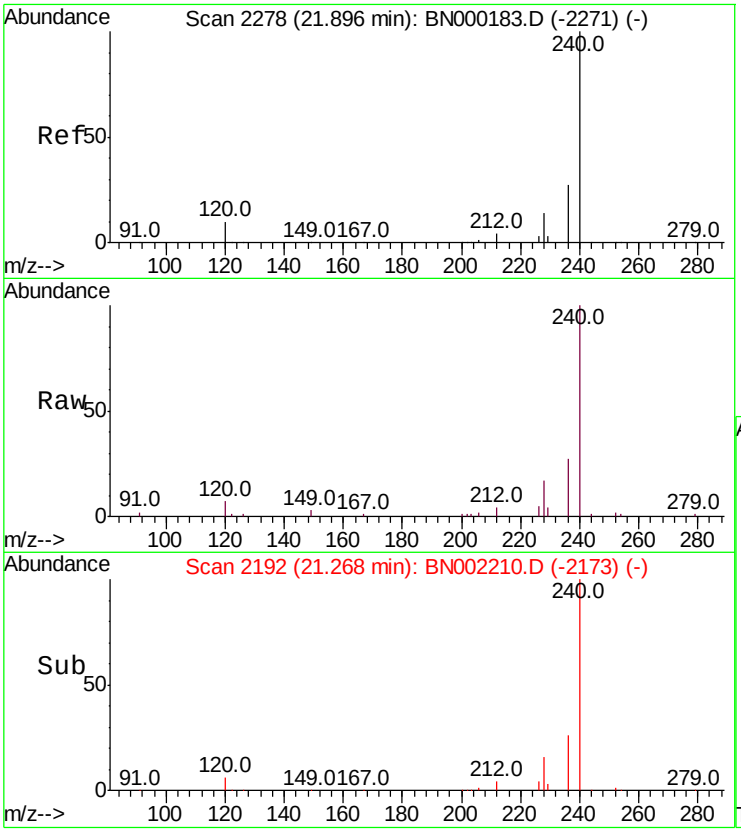


#26
Fluoranthene
Concen: 0.304 ng
RT: 19.14 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:202 Resp: 14960

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.8	14.8#
203	17.2	13.7	20.5



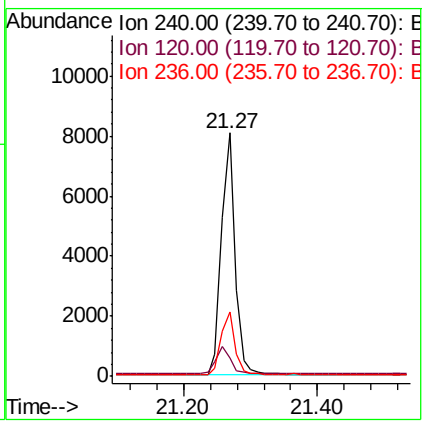


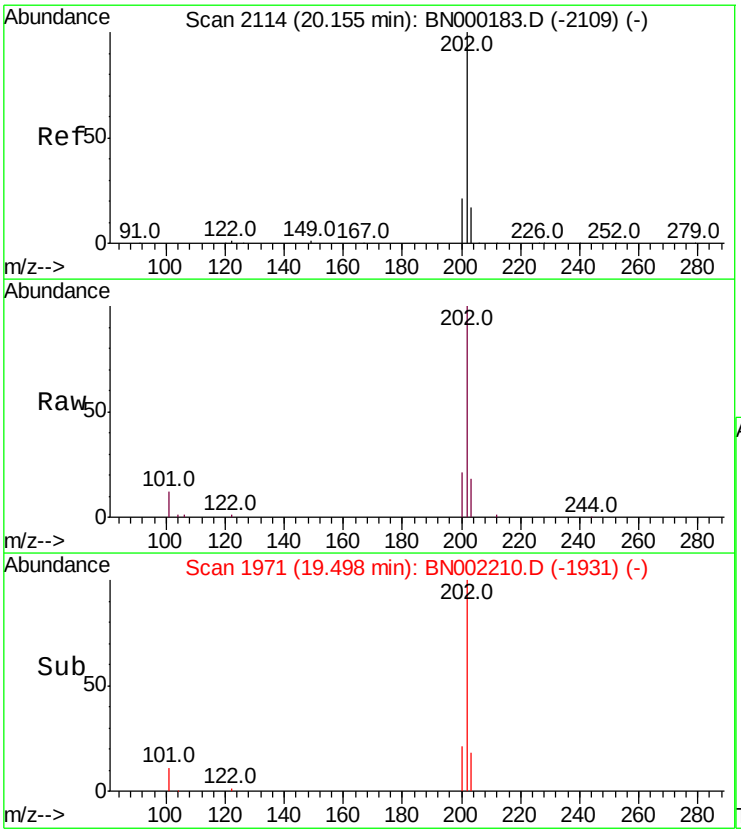
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11396

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	26.6	20.7	31.1

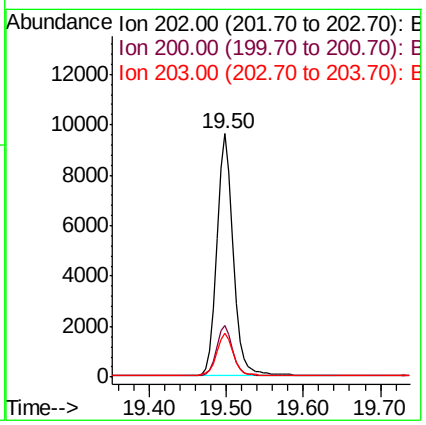


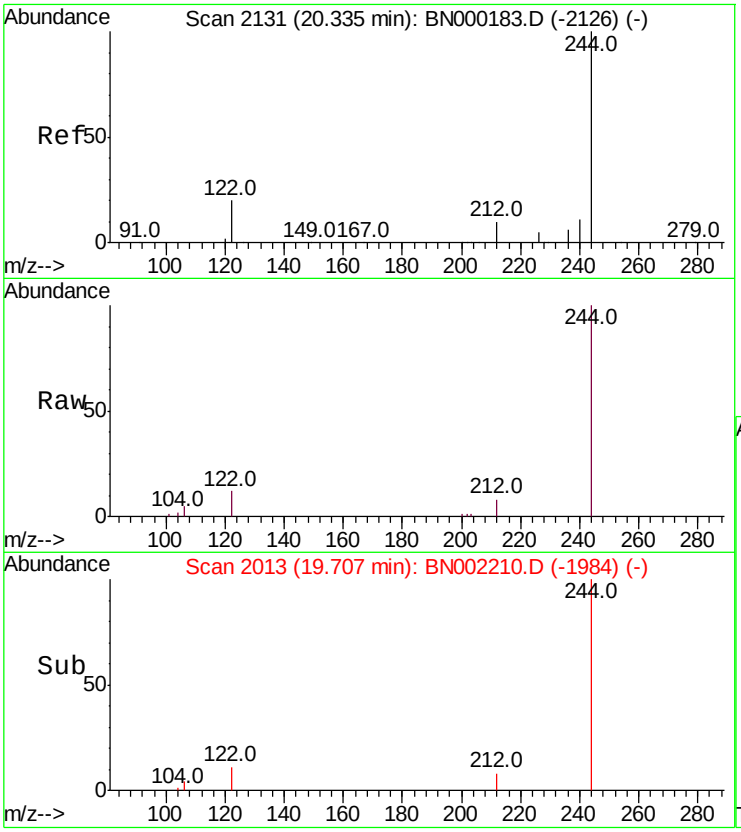


#28
Pyrene
Concen: 0.418 ng
RT: 19.50 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:202 Resp: 14091

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.9	13.8	20.8



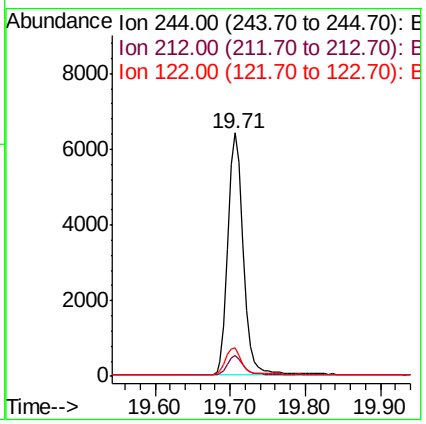


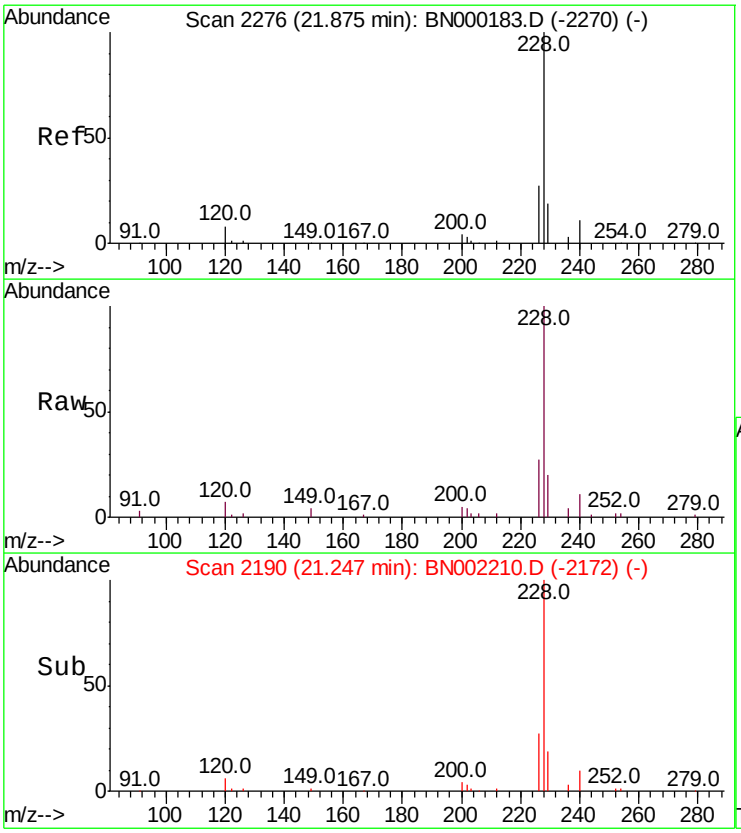
#29
Terphenyl-d14
Concen: 0.367 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8938

Ion	Ratio	Lower	Upper
244	100		
212	8.4	25.4	38.0#
122	11.5	8.1	12.1

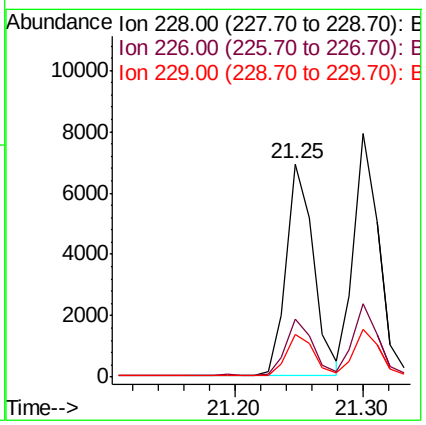


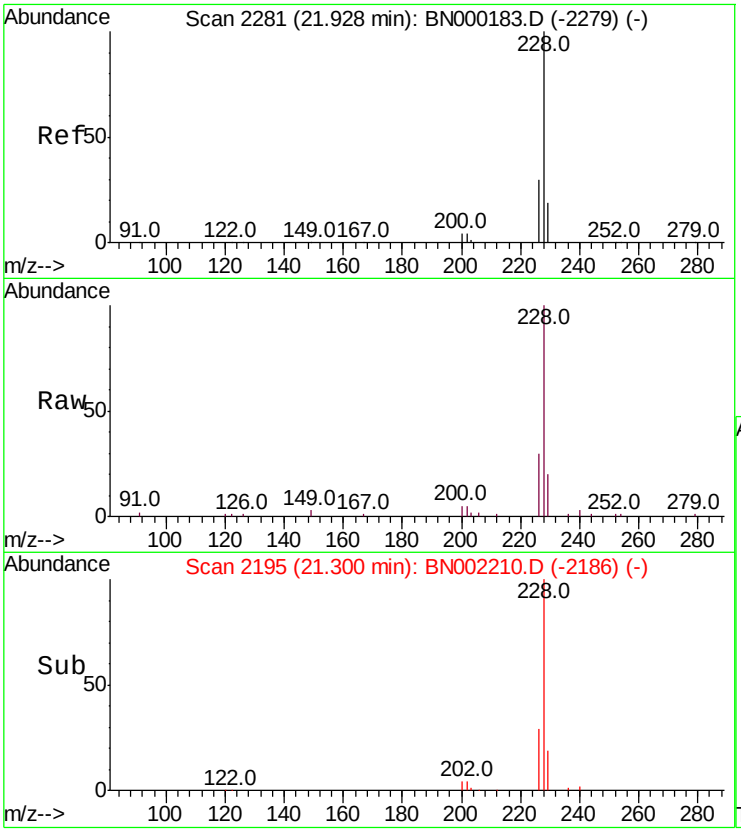


#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:228 Resp: 10163

Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	19.9	16.0	24.0



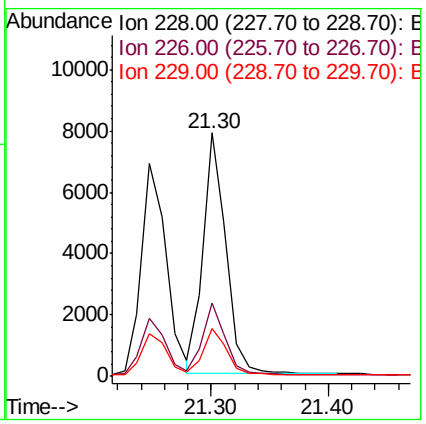


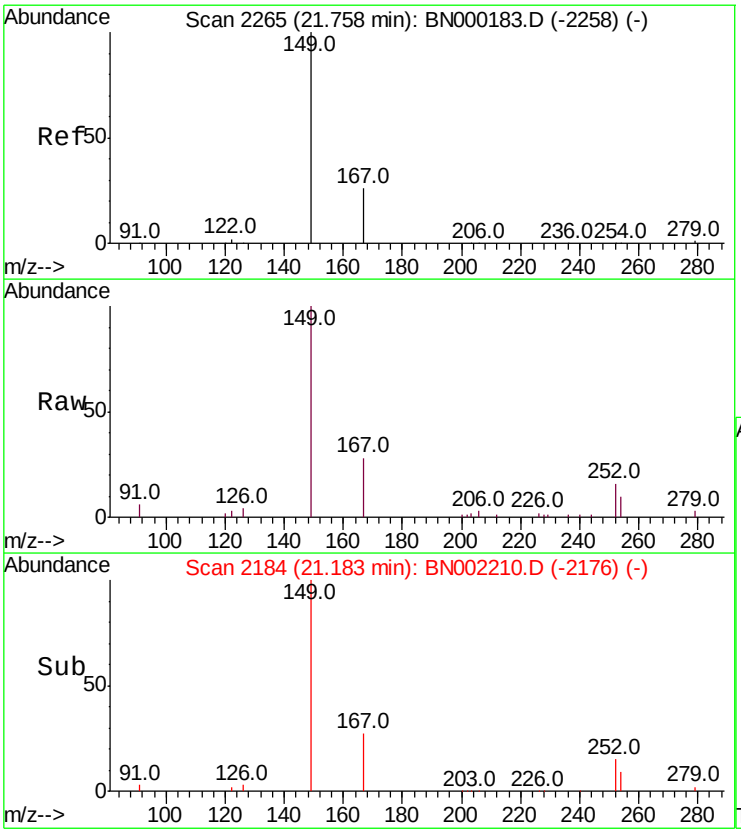
#31
Chrysene
Concen: 0.334 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10711

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.7	16.0	24.0

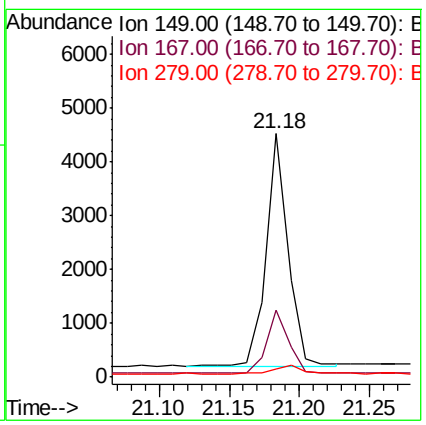


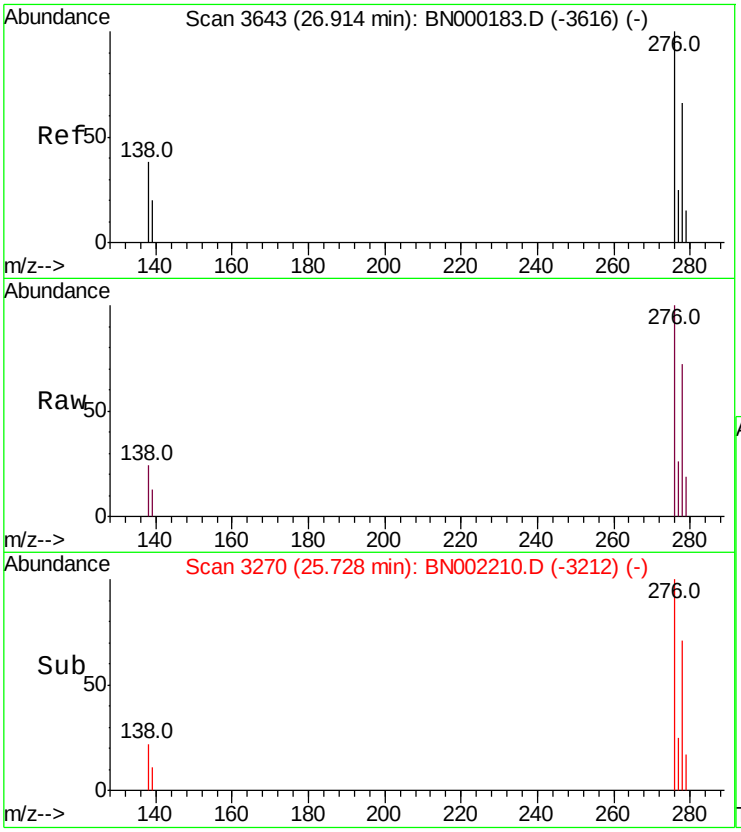


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.359 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:149 Resp: 4706

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.0	30.0
279	4.0	1.6	2.4#



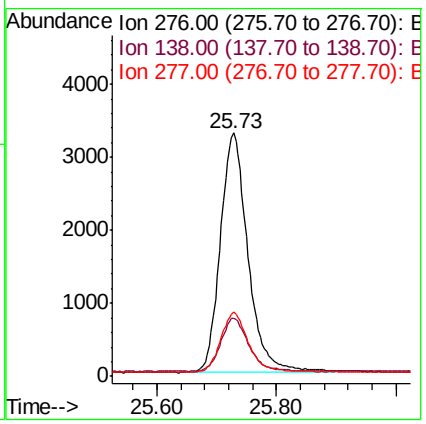


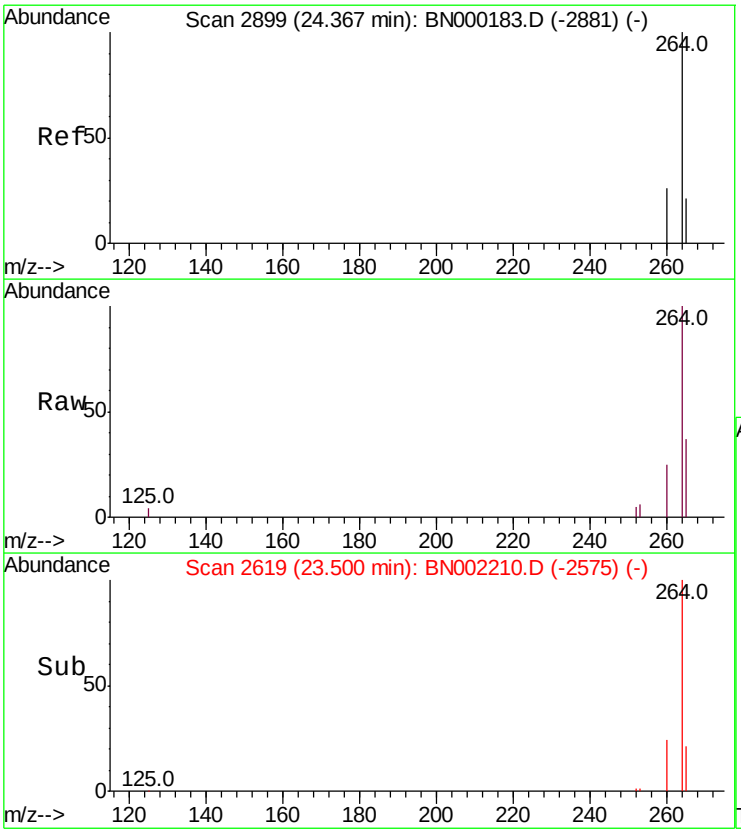
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng
RT: 25.73 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10566

Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.5	33.7#
277	24.6	19.9	29.9

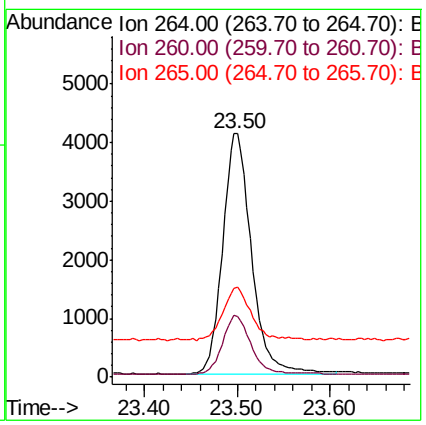


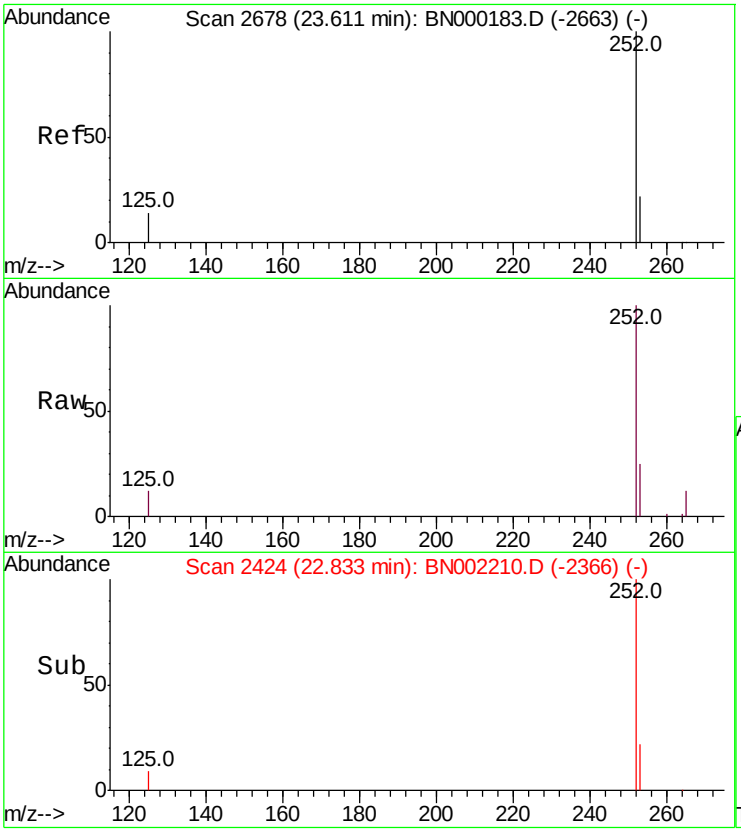


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:264 Resp: 8876

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	37.0	22.8	34.2#



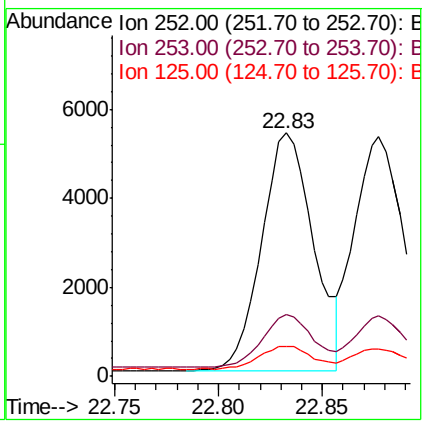


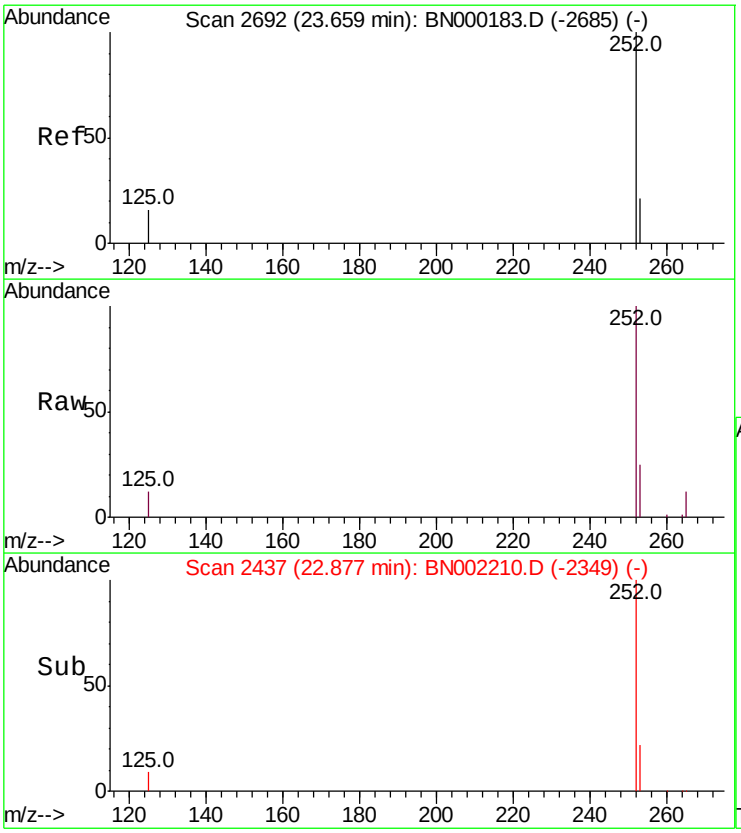
#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 22.83 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9259

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.0	30.0
125	12.1	16.0	24.0#

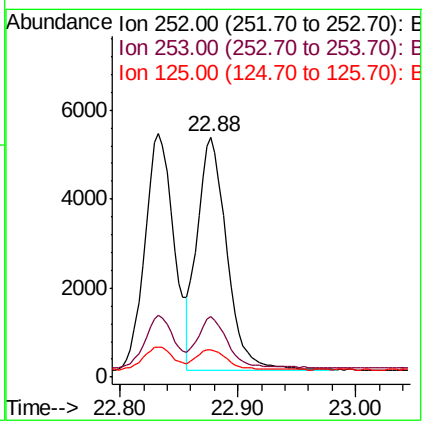


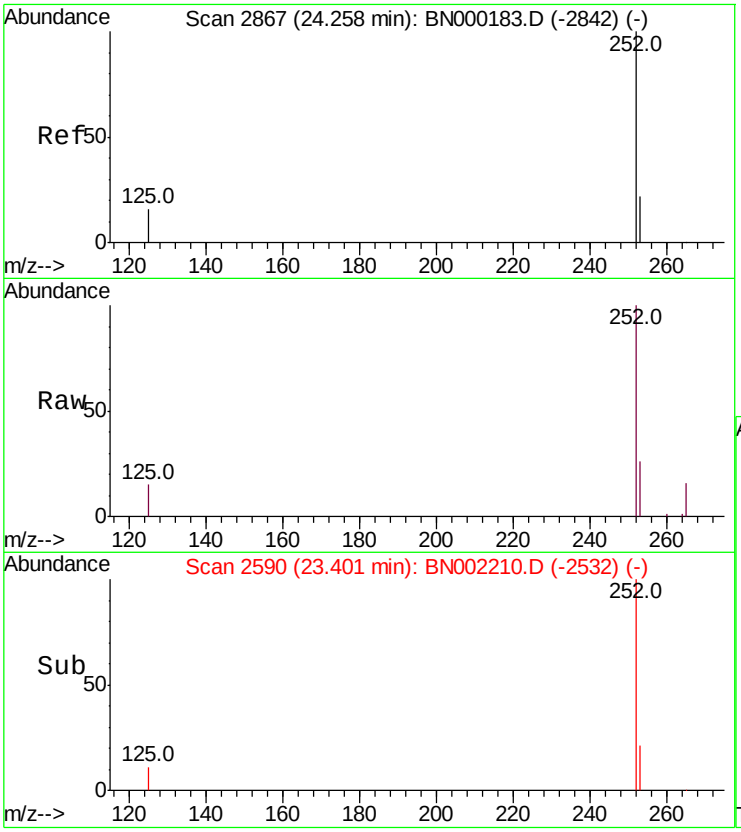


#36
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:252 Resp: 9202

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.0	24.0#
125	11.6	8.0	12.0



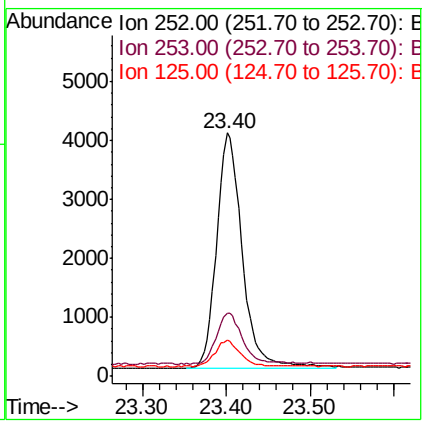


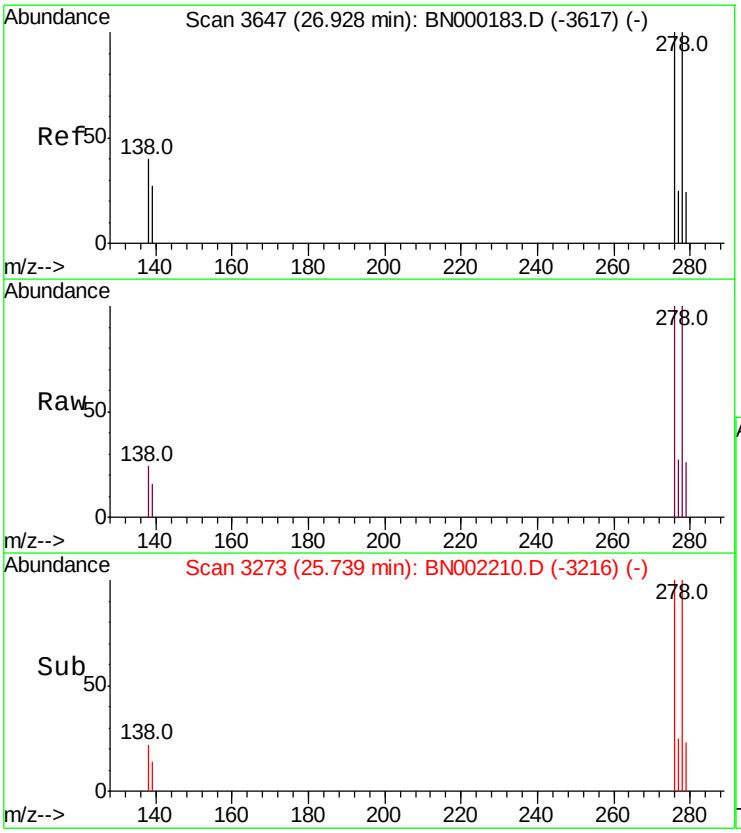
#37
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.40 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8504

Ion	Ratio	Lower	Upper
252	100		
253	25.9	16.0	24.0#
125	14.9	12.0	18.0

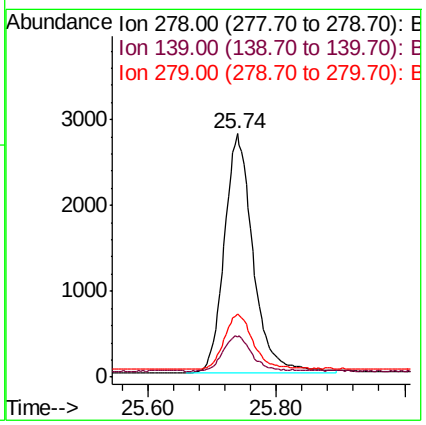


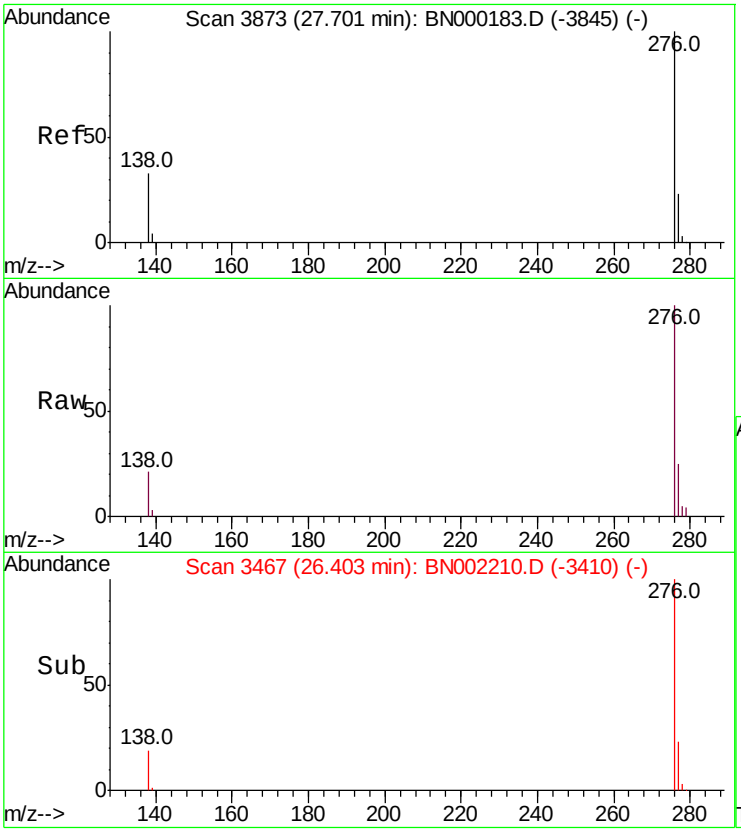


#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Tgt Ion:278 Resp: 8658

Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.0	24.0
279	25.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 26.40 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BN002210.D
Acq: 31 Jul 2018 14:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9330

Ion	Ratio	Lower	Upper
276	100		
277	24.7	16.0	24.0#
138	21.4	20.0	30.0