Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002212.D
Acq On : 31 Jul 2018 15:41
Operator : JU/SJ
Sample : PB111487BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 31 16:35:37 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	7.70	152	4612	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	18513	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	9758	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	19636	0.40	ng		0.00
27) Chrysene-d12	21.27	240	12252	0.40	ng		0.00
34) Perylene-d12	23.50	264	9105	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	4446	0.41	ng		0.00
5) Phenol-d6	6.88	99	5414	0.41	ng		0.00
8) Nitrobenzene-d5	8.84	82	6137	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	11959	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1361	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	17910	0.48	ng		0.00
25) Fluoranthene-d10	19.11	212	18168	0.37	ng		0.00
29) Terphenyl-d14	19.71	244	12167	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1504	0.290	ng	#	57
3) n-Nitrosodimethylamine	3.61	42	1592	0.451	ng	#	83
6) bis(2-Chloroethyl)ether	7.13	93	5091	0.405	ng		91
9) Naphthalene	10.52	128	17978	0.431	ng		97
10) Hexachlorobutadiene	10.80	225	3313	0.367	ng	#	55
12) 2-Methylnaphthalene	12.13	142	12456	0.441	ng		98
16) Acenaphthylene	14.03	152	17207	0.413	ng		100
17) Acenaphthene	14.38	154	11204	0.418	ng		97
18) Fluorene	15.37	166	13994	0.424	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	4477	0.403	ng	#	82
21) Hexachlorobenzene	16.38	284	4885	0.397	ng		96
22) Pentachlorophenol	16.74	266	1413	0.553	ng		93
23) Phenanthrene	17.11	178	21000	0.430	ng		99
24) Anthracene	17.21	178	17753	0.439	ng		96
26) Fluoranthene	19.14	202	20335	0.382	ng	#	97
28) Pyrene	19.50	202	19183	0.529	ng		99
30) Benzo(a)anthracene	21.25	228	13811	0.448	ng		97
31) Chrysene	21.30	228	14390	0.417	ng		100
32) Bis(2-ethylhexyl)phthalate	21.18	149	6152	0.437	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.72	276	13427	0.413	ng	#	94
35) Benzo(b)fluoranthene	22.83	252	12292	0.459	ng	#	92
36) Benzo(k)fluoranthene	22.87	252	12059	0.434	ng	#	93
37) Benzo(a)pyrene	23.40	252	11127	0.459	ng	#	93
38) Dibenzo(a,h)anthracene	25.74	278	10978	0.465	ng		96
39) Benzo(g,h,i)perylene	26.40	276	11726	0.486	ng	#	91

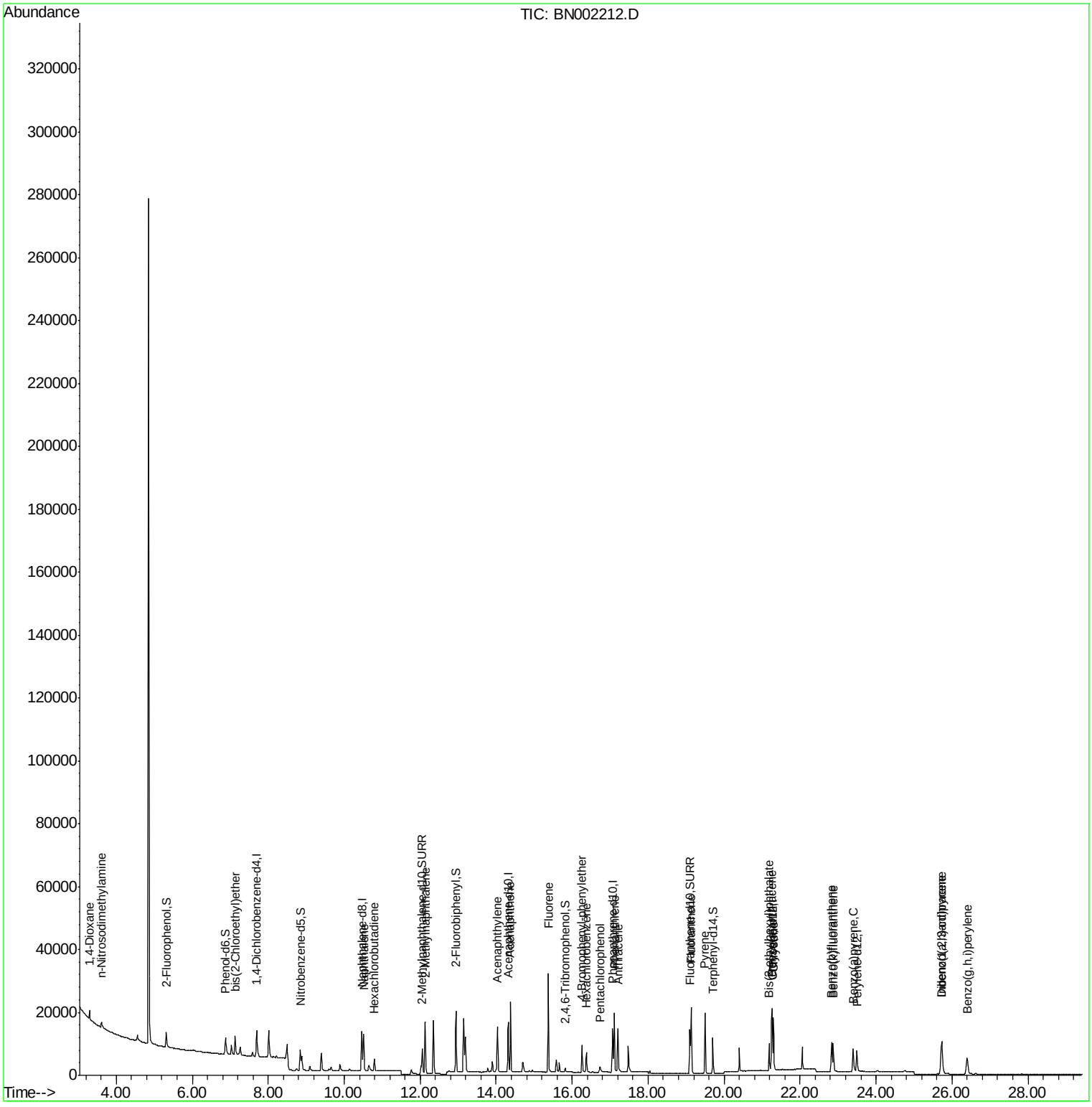
(#) = qualifier out of range (m) = manual integration (+) = signals summed

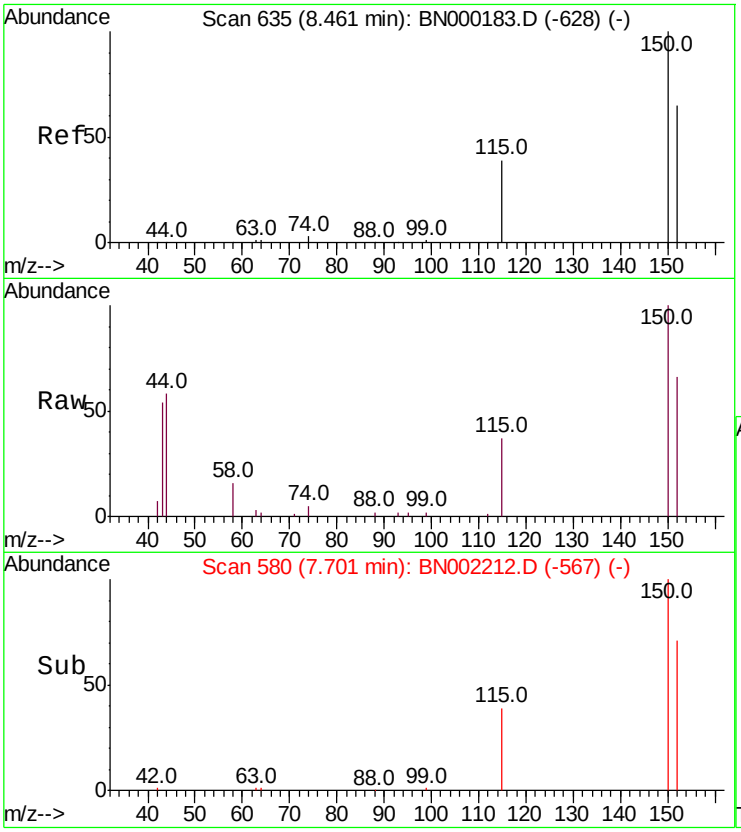
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002212.D
Acq On : 31 Jul 2018 15:41
Operator : JU/SJ
Sample : PB111487BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 31 16:35:37 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



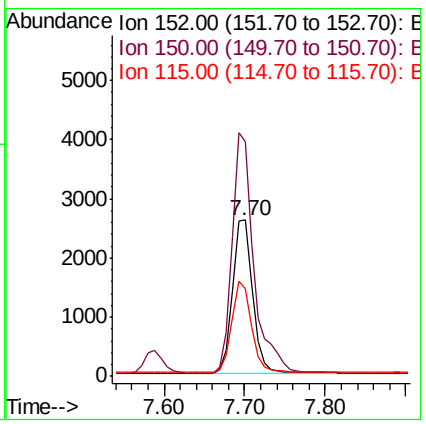


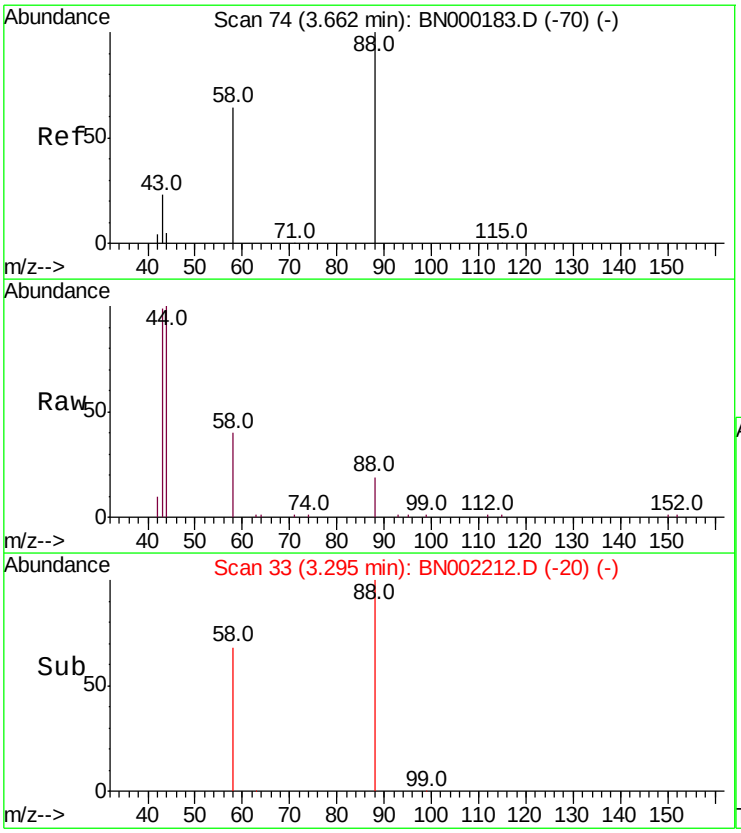
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4612

Ion	Ratio	Lower	Upper
152	100		
150	150.5	117.2	175.8
115	56.0	57.0	85.6#

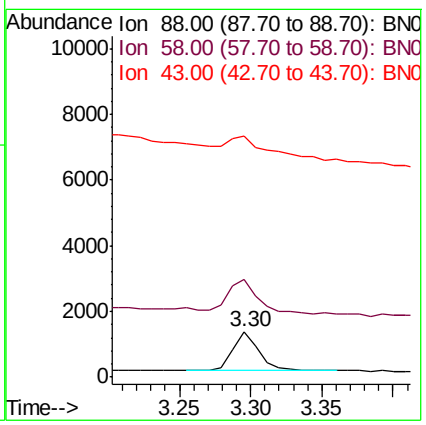


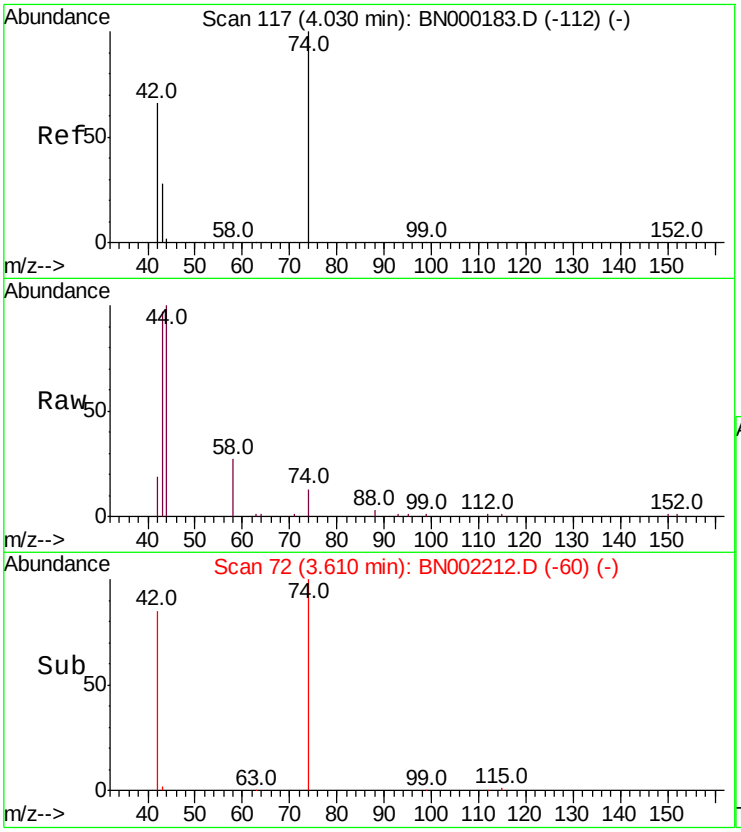


#2
1,4-Dioxane
Concen: 0.290 ng
RT: 3.30 min Scan# 33
Delta R.T. 0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion: 88 Resp: 1504

Ion	Ratio	Lower	Upper
88	100		
58	104.2	72.0	108.0
43	100.9	28.0	42.0#



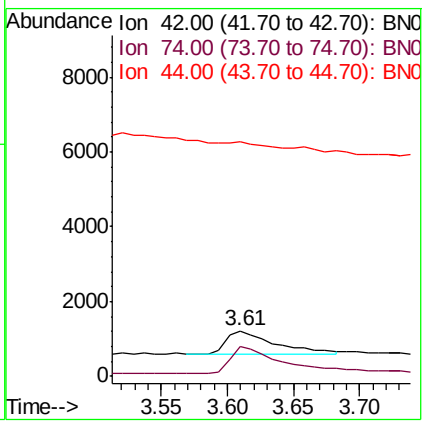


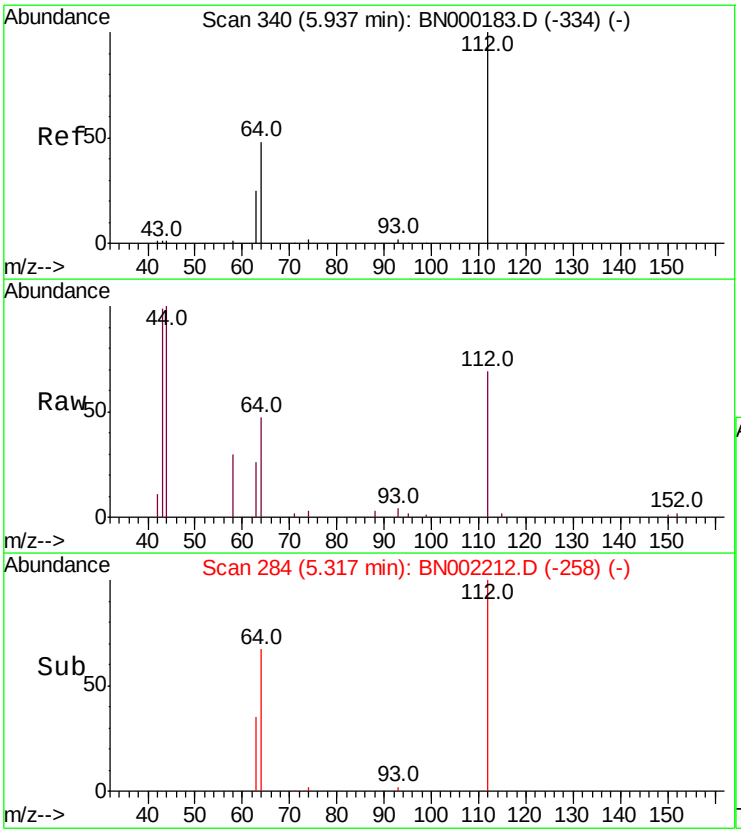
#3
n-Nitrosodimethylamine
Concen: 0.451 ng
RT: 3.61 min Scan# 72
Delta R.T. 0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1592

Ion	Ratio	Lower	Upper
42	100		
74	122.6	88.0	132.0
44	0.0	16.0	24.0#

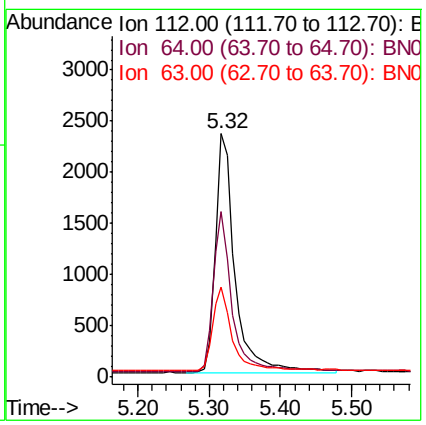


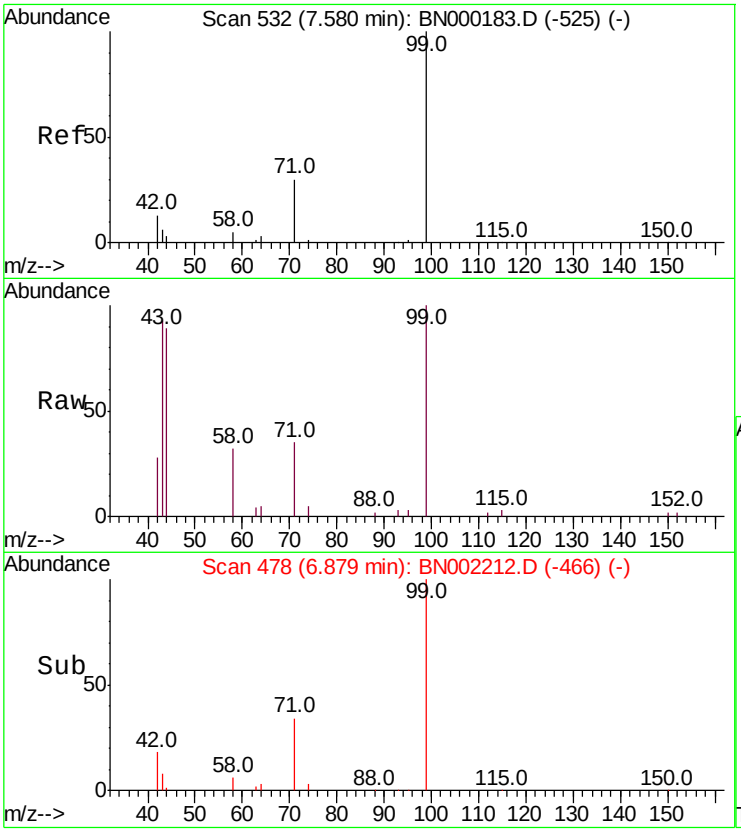


#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:112 Resp: 4446

Ion	Ratio	Lower	Upper
112	100		
64	64.5	60.1	90.1
63	34.5	116.8	175.2#



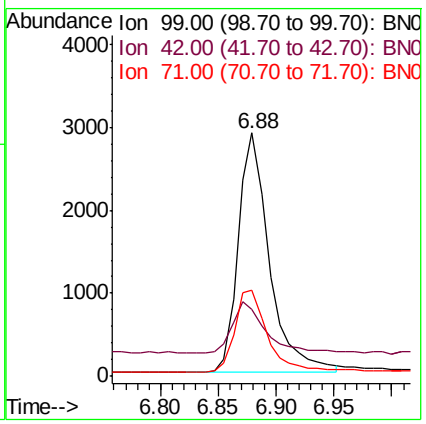


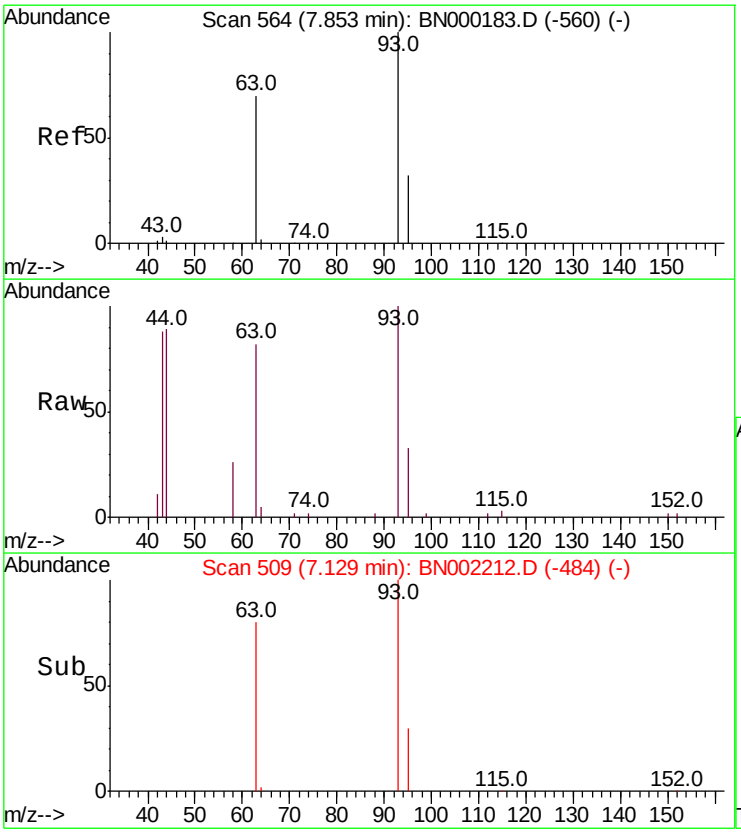
#5
Phenol-d6
Concen: 0.414 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5414

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.2	30.2
71	35.9	28.4	42.6

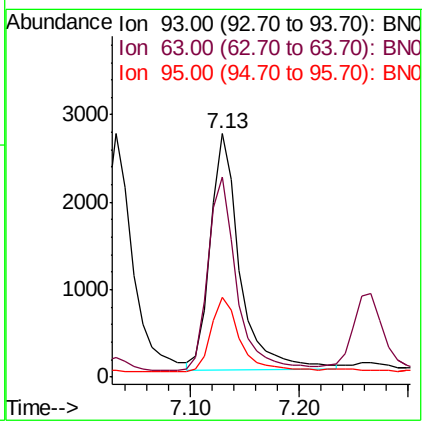


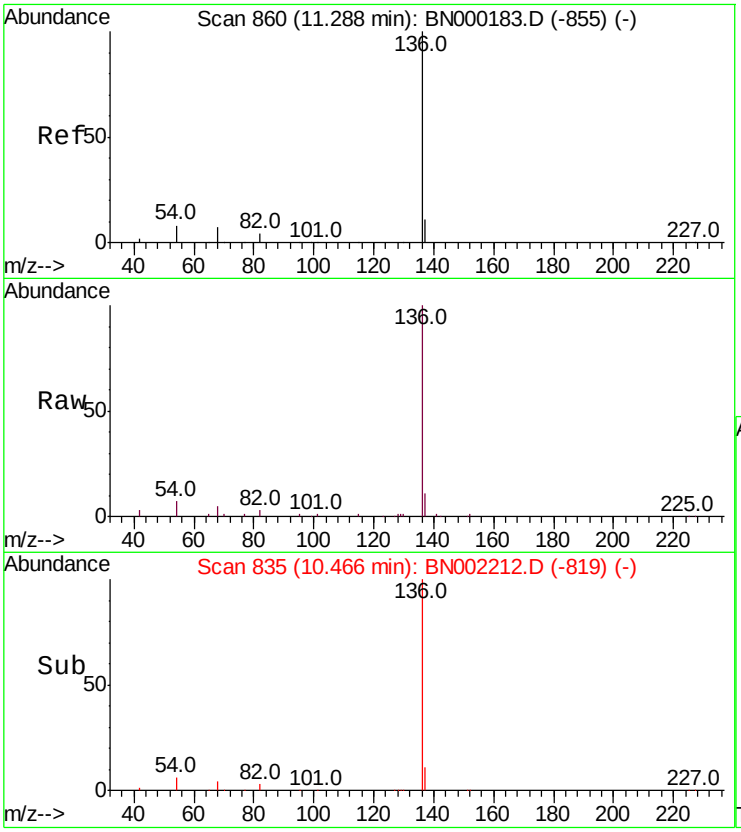


#6
bis(2-Chloroethyl)ether
Concen: 0.405 ng
RT: 7.13 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion: 93 Resp: 5091

Ion	Ratio	Lower	Upper
93	100		
63	80.1	56.0	84.0
95	31.2	25.2	37.8



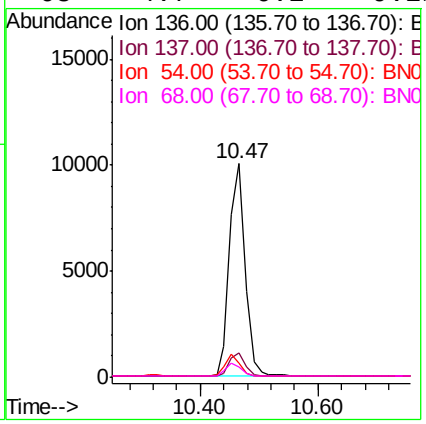


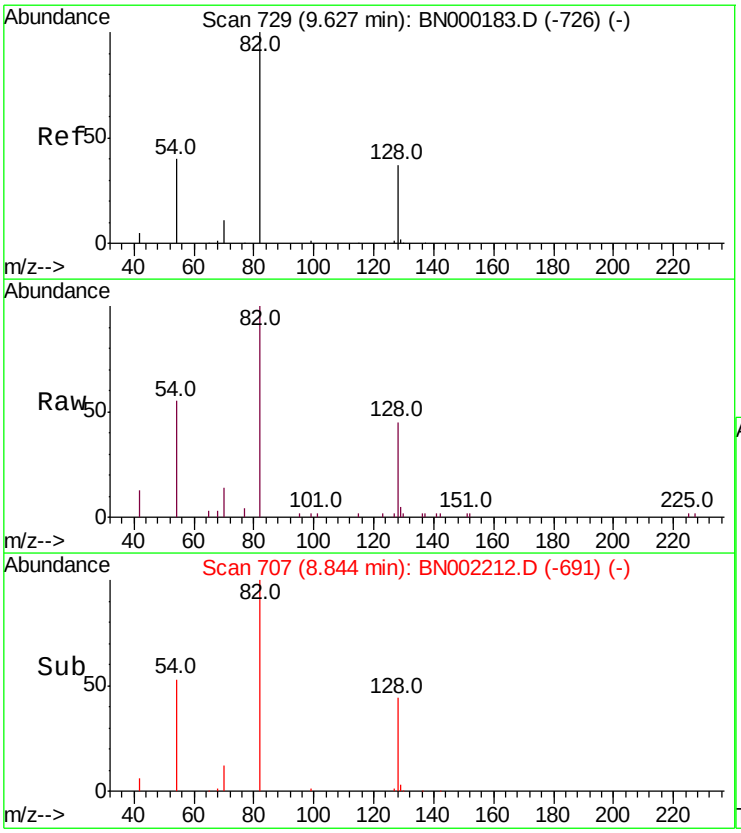
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18513

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	6.6	29.1	43.7#
68	4.7	6.2	9.2#

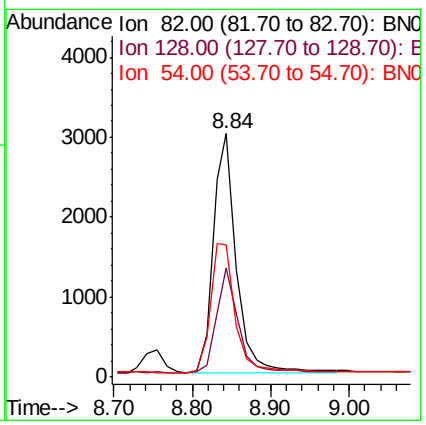


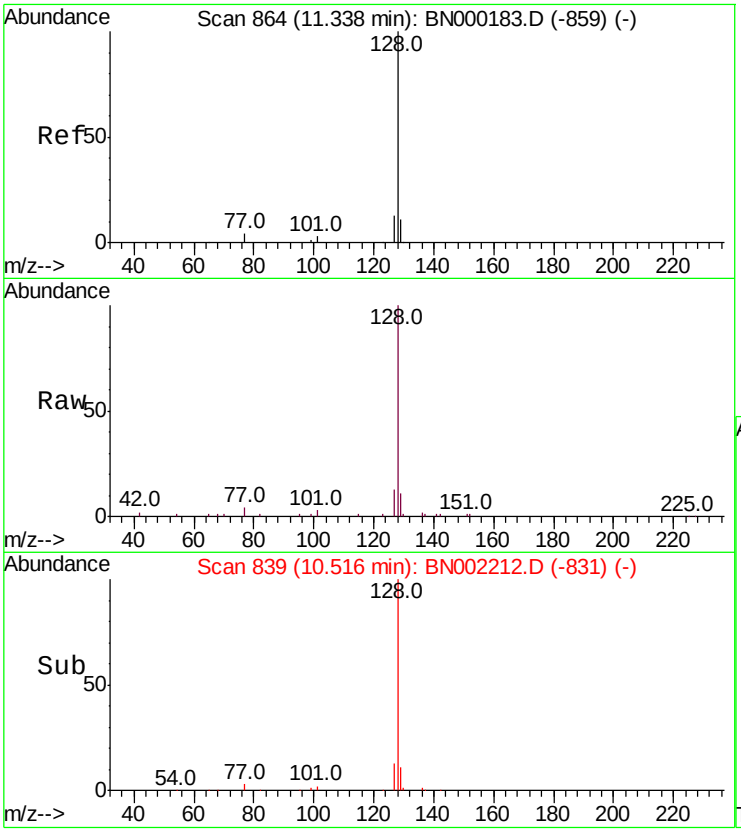


#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion: 82 Resp: 6137

Ion	Ratio	Lower	Upper
82	100		
128	44.8	150.0	225.0#
54	54.6	154.2	231.4#



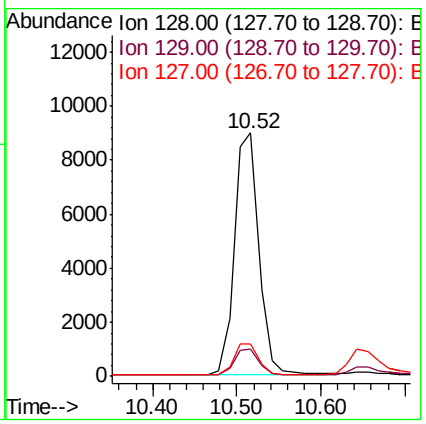


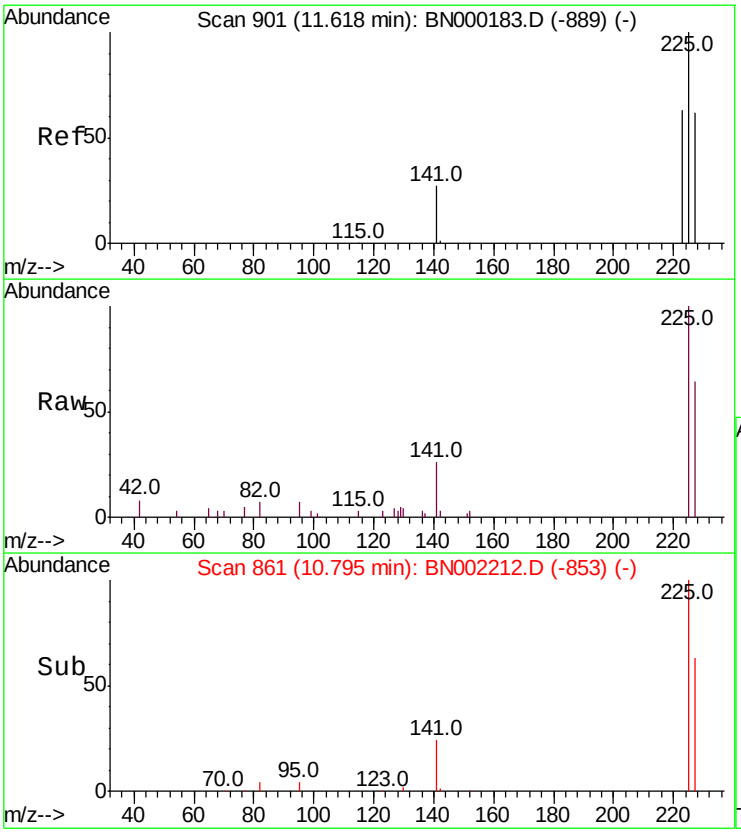
#9
Naphthalene
Concen: 0.431 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 17978

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.0	12.0
127	13.1	9.6	14.4

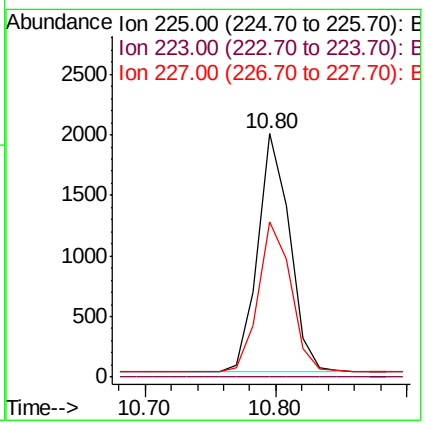


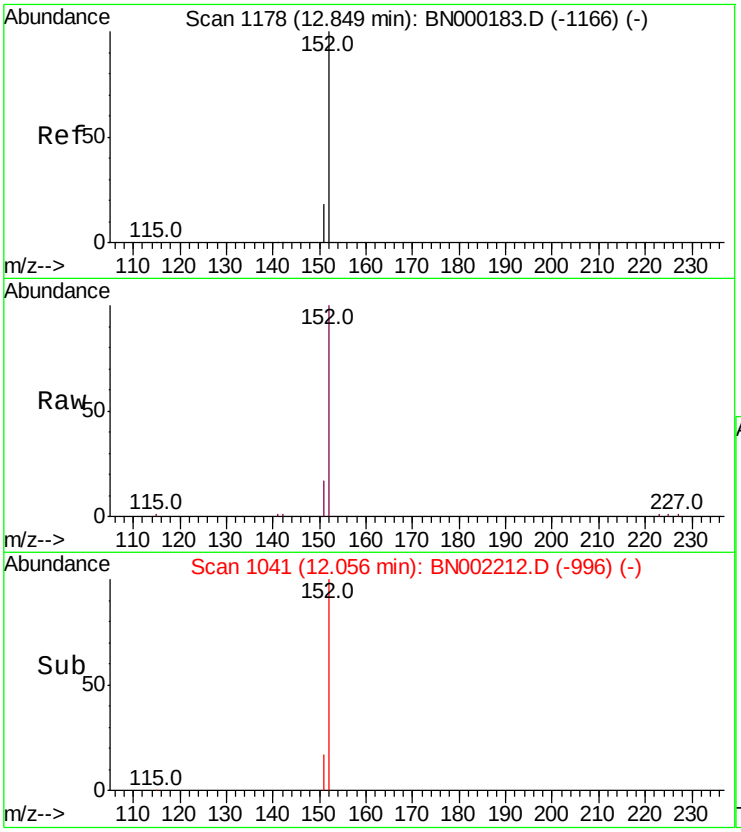


#10
Hexachlorobutadiene
Concen: 0.367 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:225 Resp: 3313

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	64.1	48.0	72.0



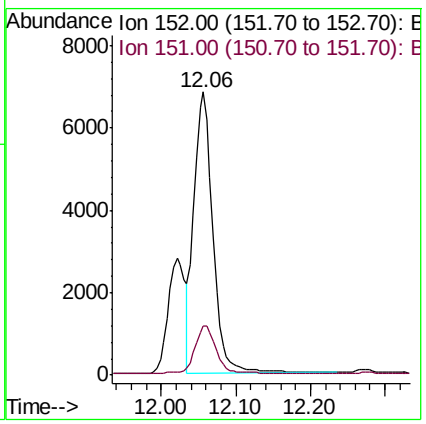


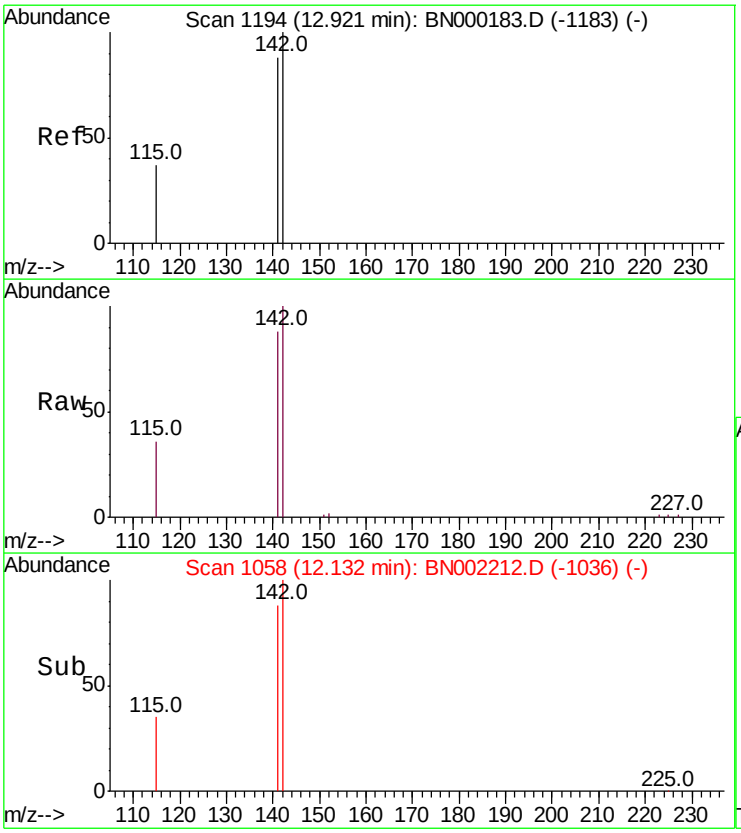
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11959

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.0

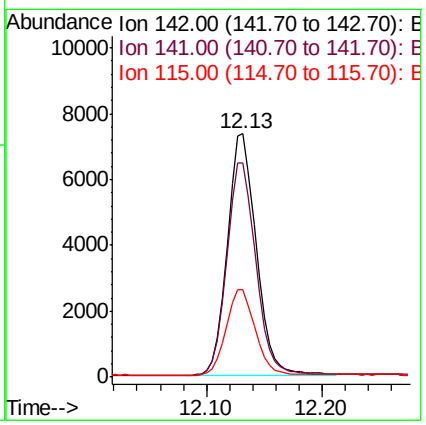


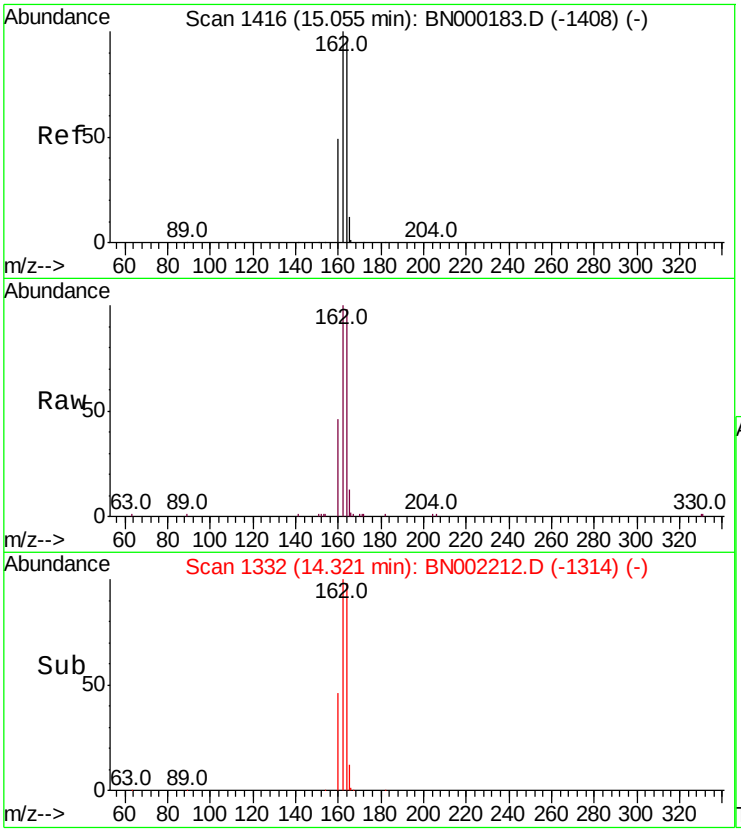


#12
2-Methylnaphthalene
Concen: 0.441 ng
RT: 12.13 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:142 Resp: 12456

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	35.8	31.7	47.5



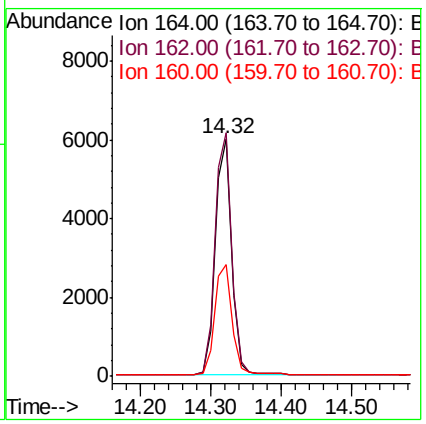


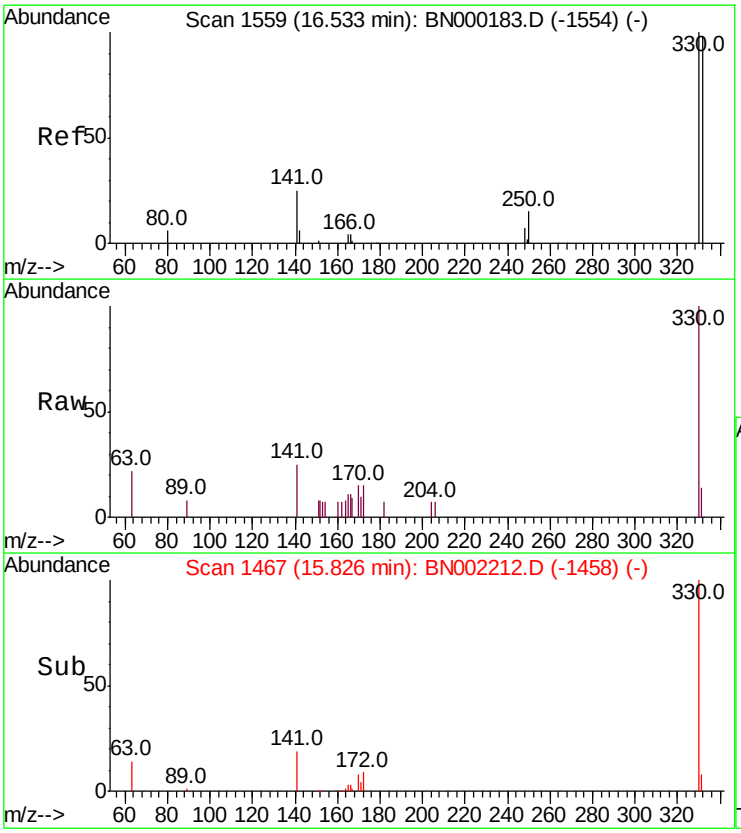
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9758

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.1	124.7
160	47.1	37.1	55.7

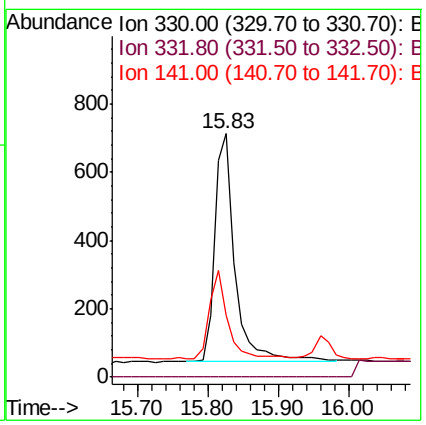


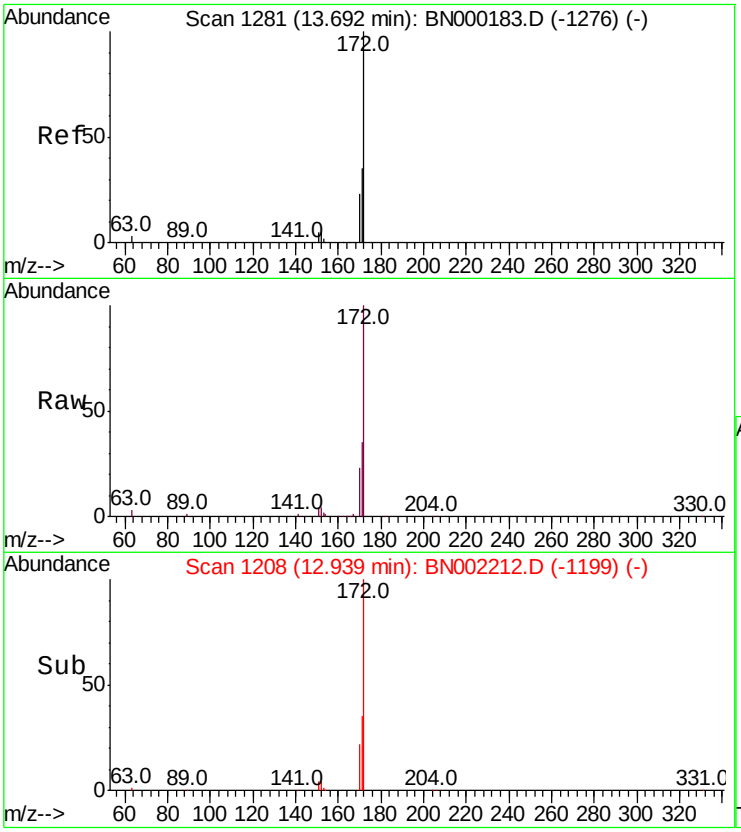


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:330 Resp: 1361

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	34.8	33.7	50.5



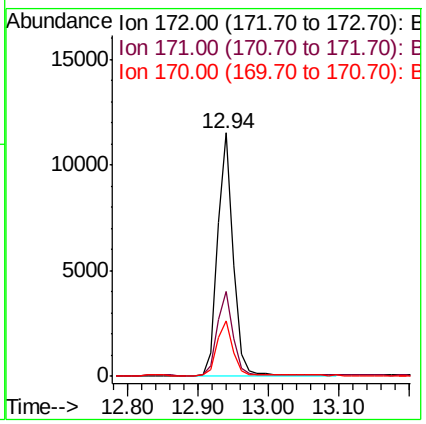


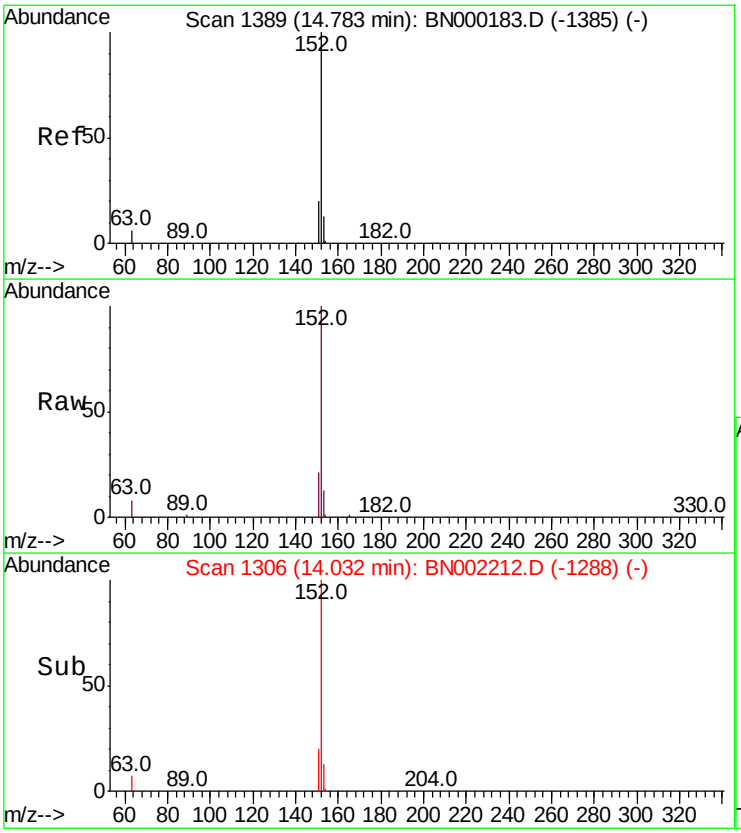
#15
2-Fluorobiphenyl
Concen: 0.478 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17910

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	22.8	21.8	32.8

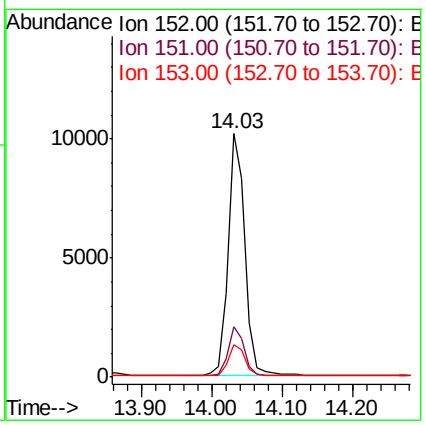


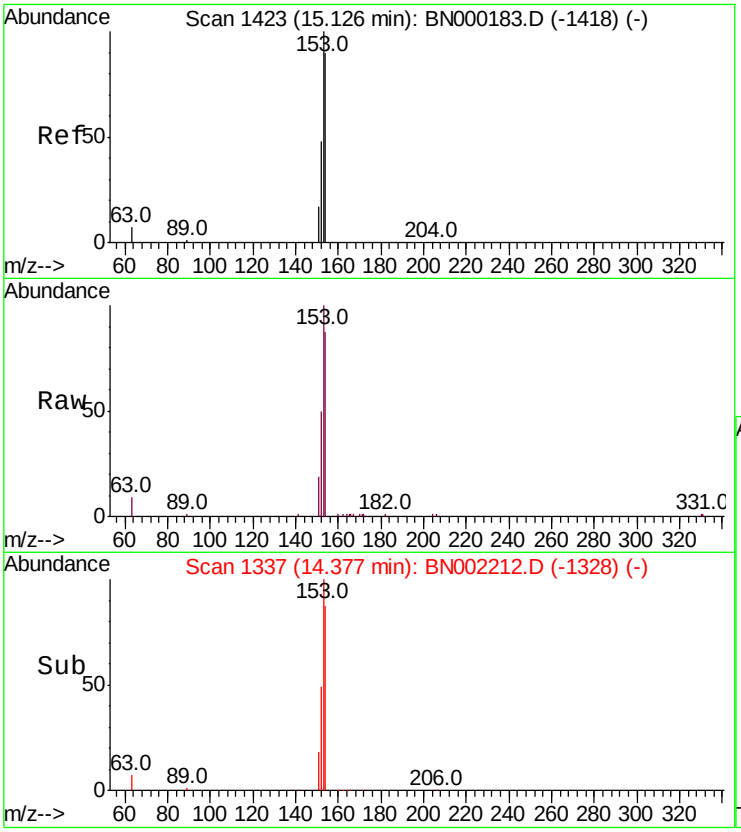


#16
Acenaphthylene
Concen: 0.413 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:152 Resp: 17207

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



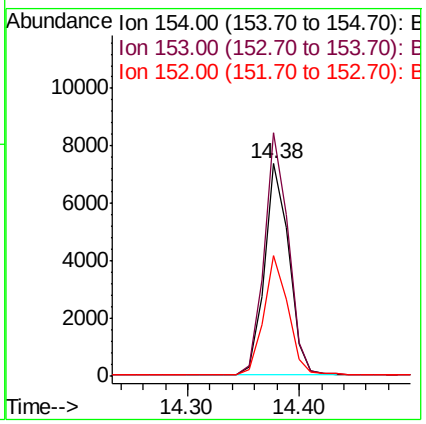


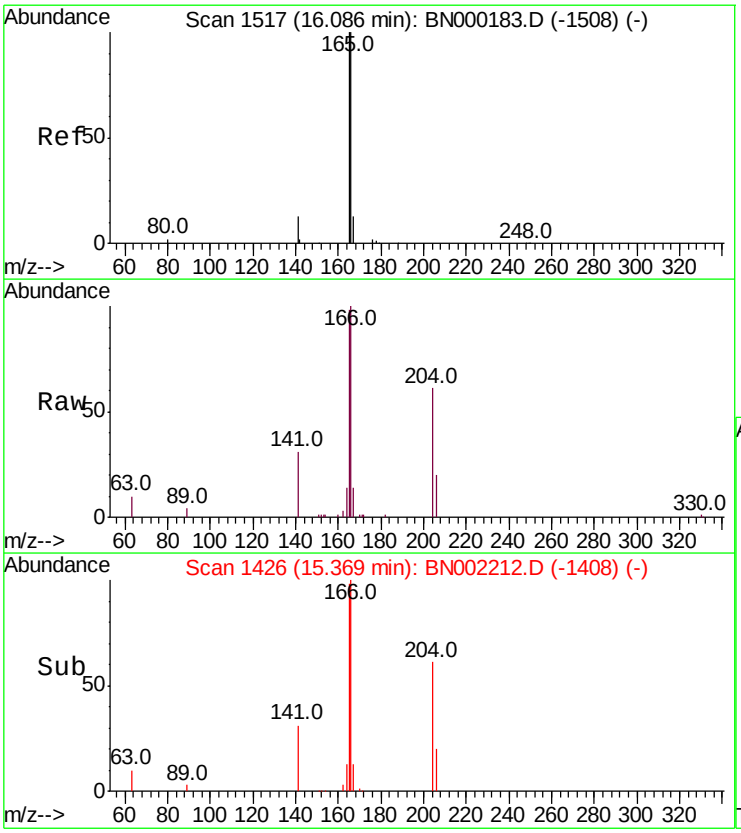
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 11204

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.2	133.8
152	56.1	42.0	63.0

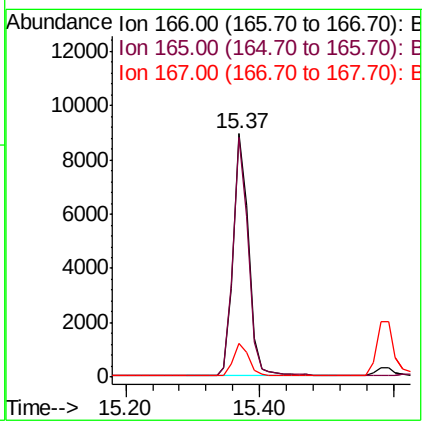


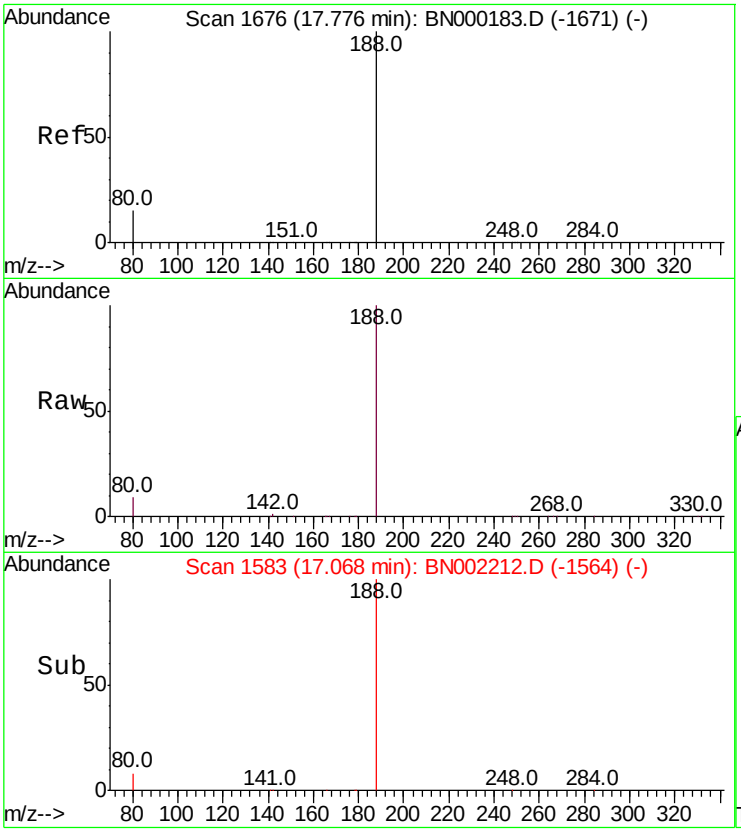


#18
Fluorene
Concen: 0.424 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:166 Resp: 13994

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.5	42.4	63.6#



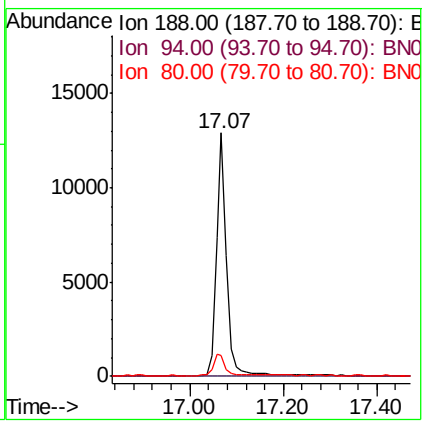


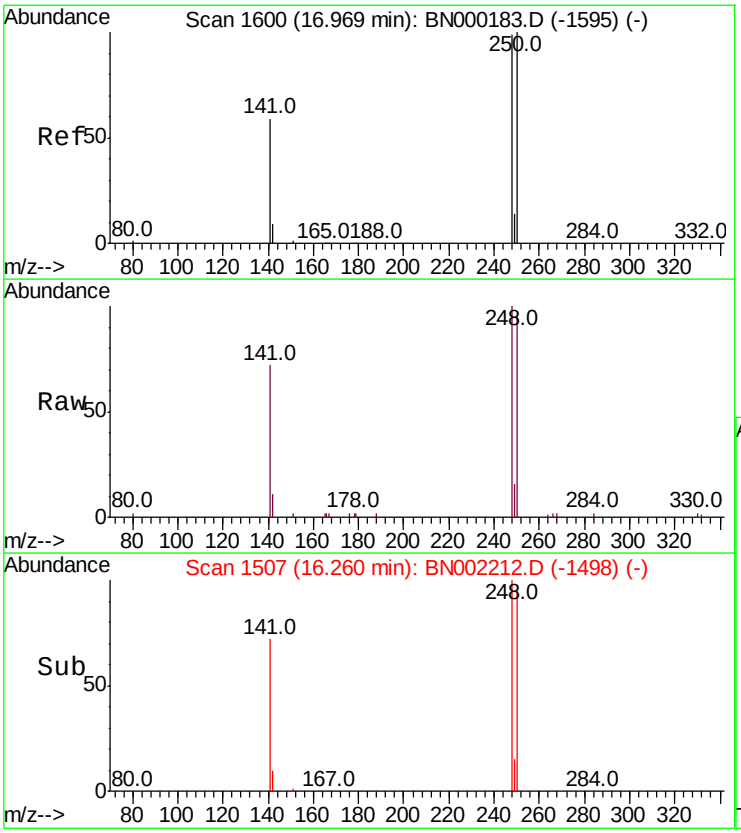
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19636

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.6	3.6	5.4#

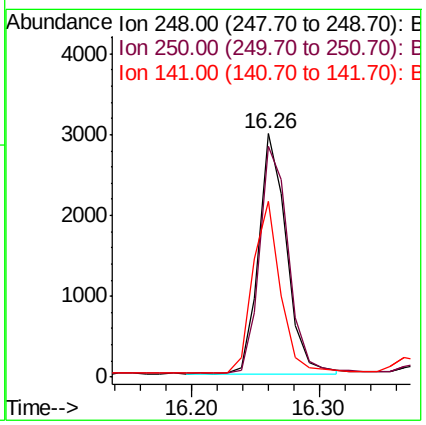


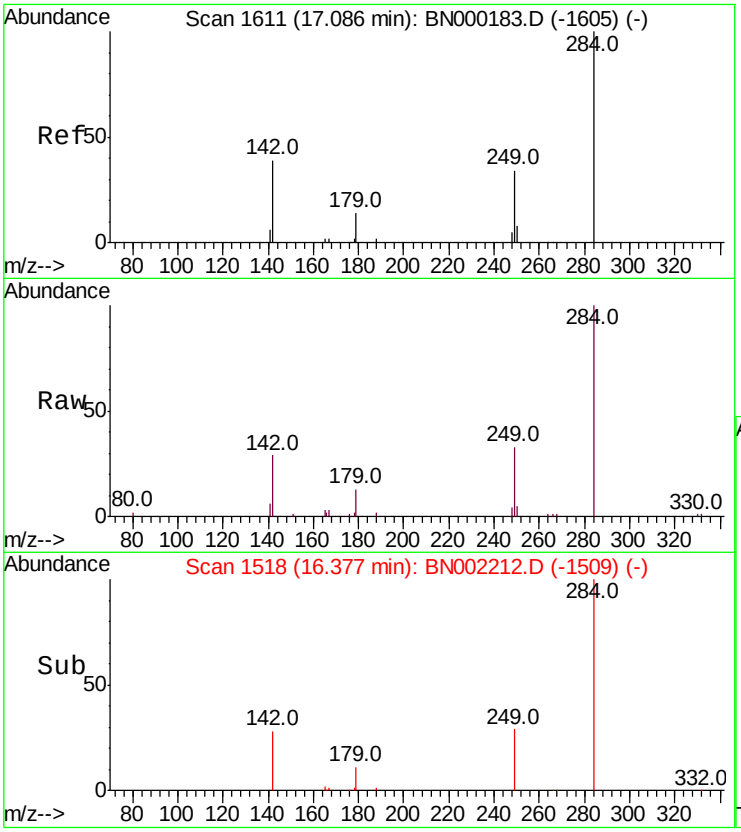


#20
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:248 Resp: 4477

Ion	Ratio	Lower	Upper
248	100		
250	94.8	62.7	94.1#
141	72.4	48.2	72.2#



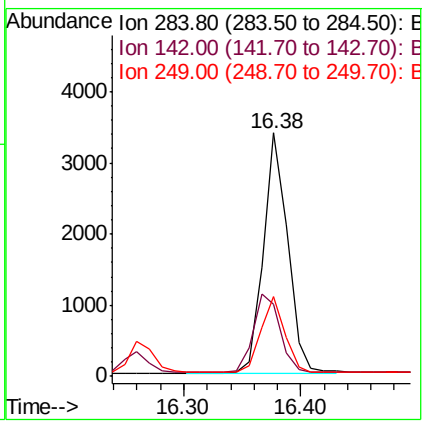


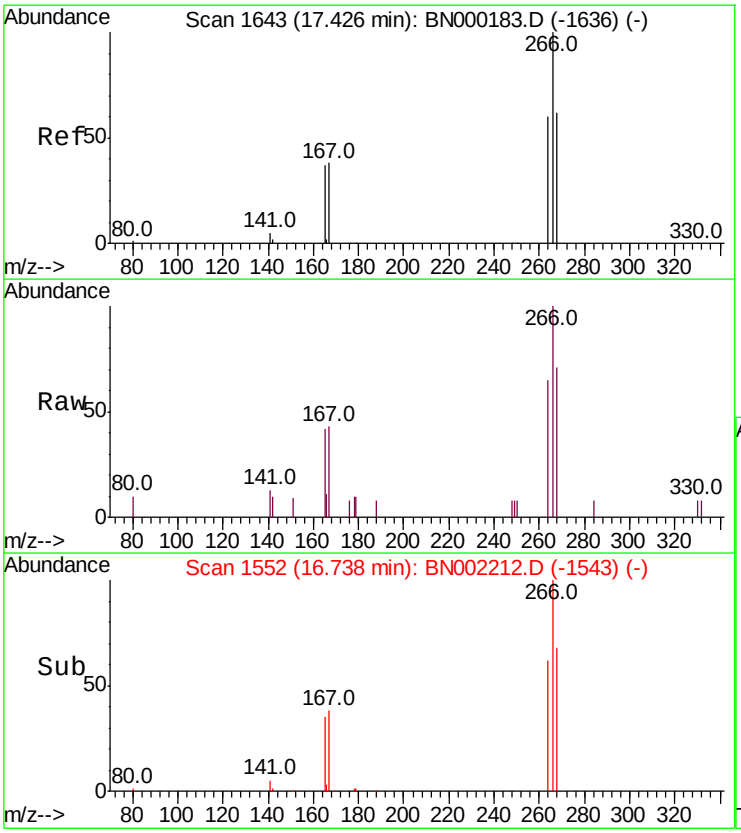
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4885

Ion	Ratio	Lower	Upper
284	100		
142	36.2	32.0	48.0
249	31.1	24.0	36.0

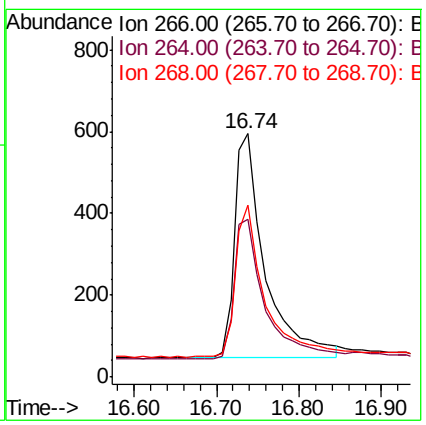


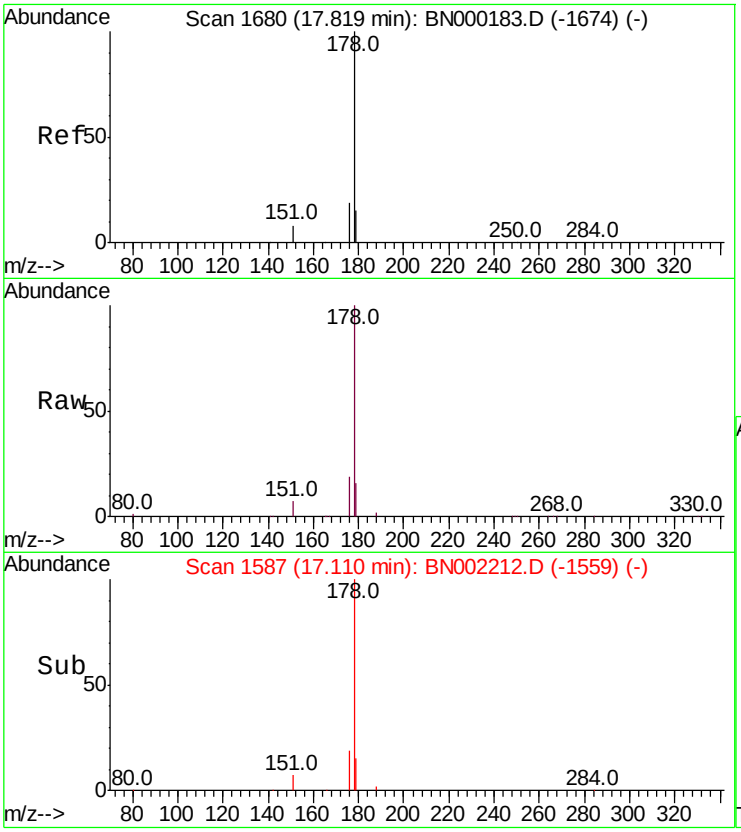


#22
Pentachlorophenol
Concen: 0.553 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:266 Resp: 1413

Ion	Ratio	Lower	Upper
266	100		
264	64.9	48.0	72.0
268	70.8	52.0	78.0



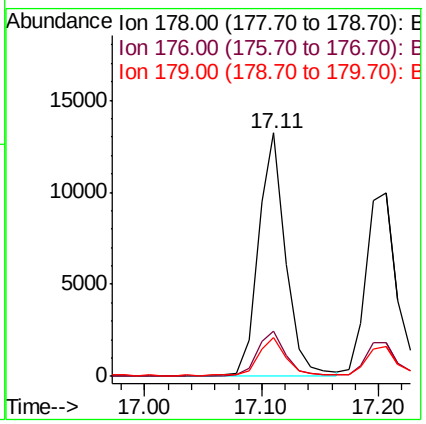


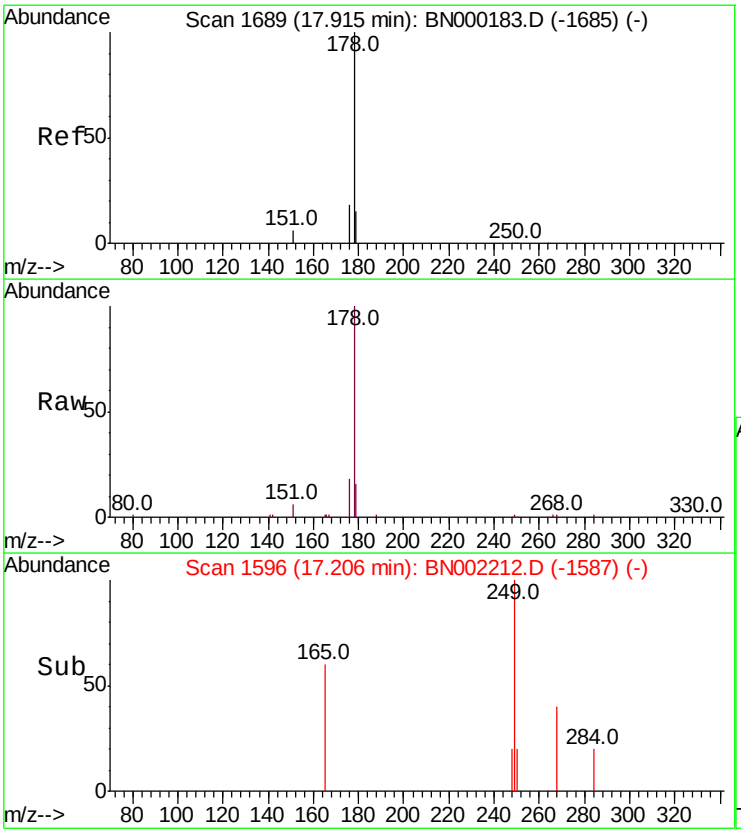
#23
Phenanthrene
Concen: 0.430 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 21000

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	11.8	17.6

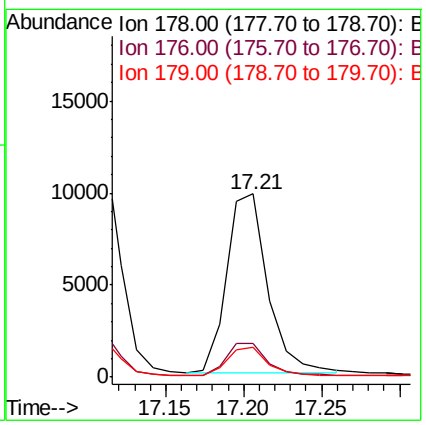


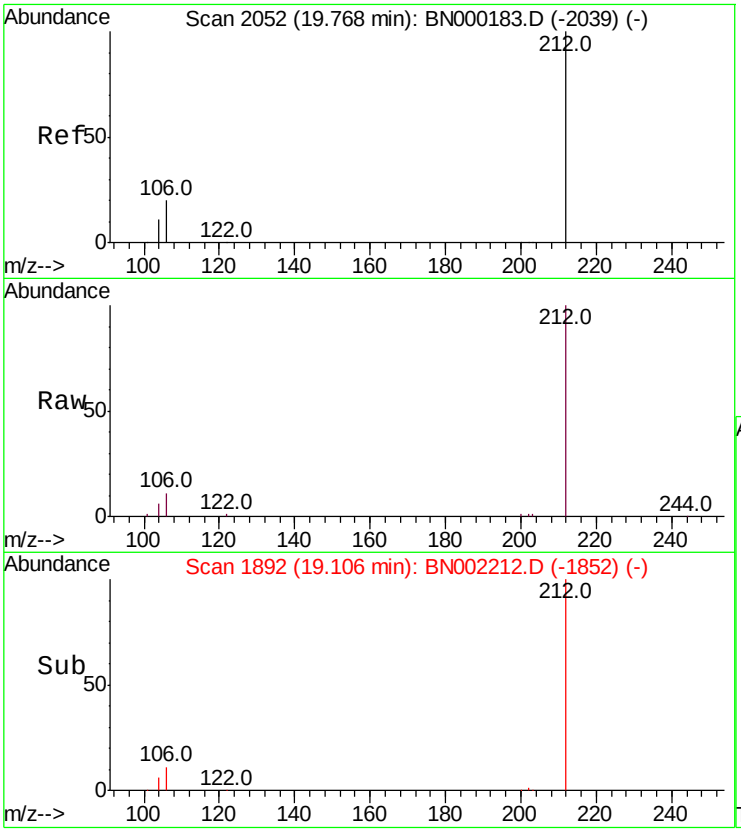


#24
Anthracene
Concen: 0.439 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:178 Resp: 17753

Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.2	13.0	19.6



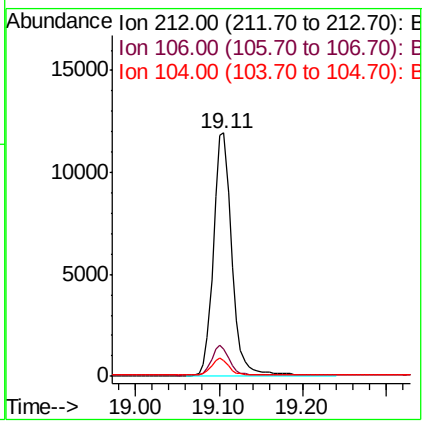


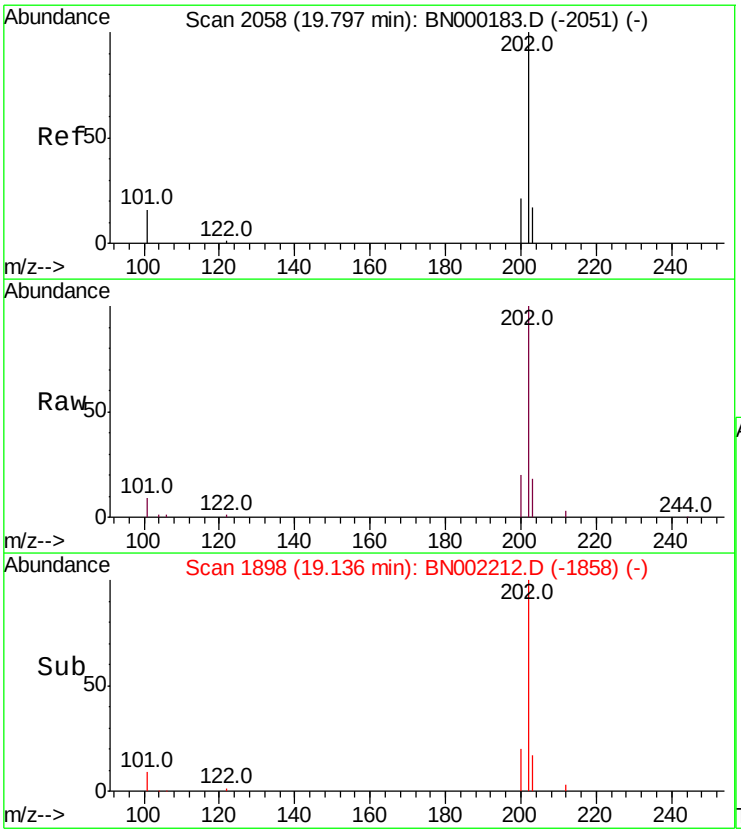
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 18168

Ion	Ratio	Lower	Upper
212	100		
106	11.7	2.8	4.2#
104	6.6	1.6	2.4#

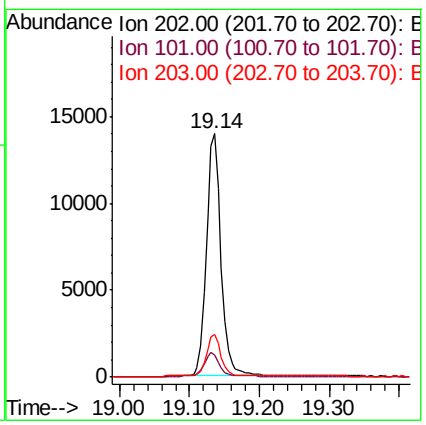


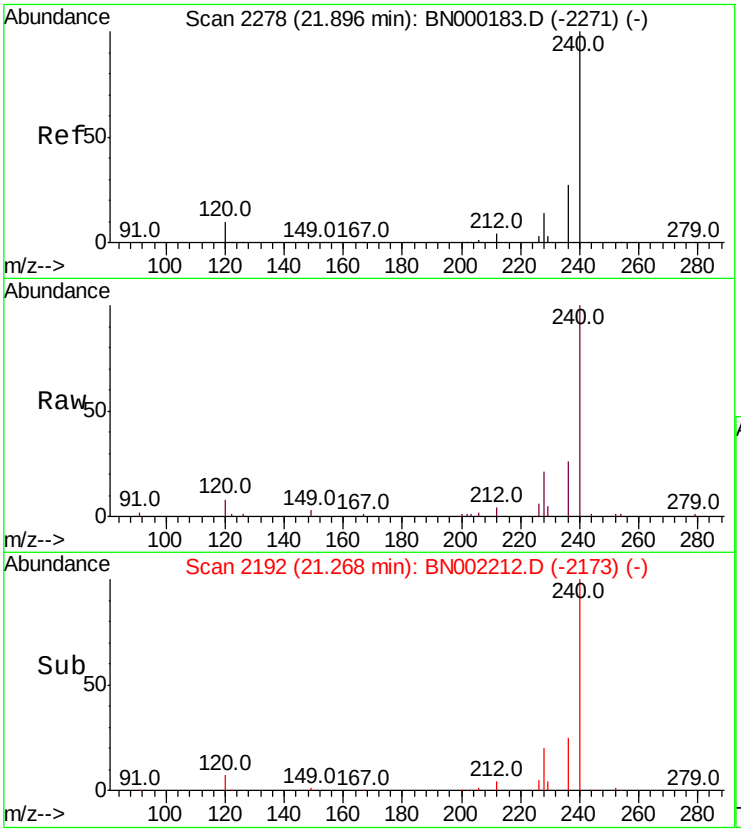


#26
Fluoranthene
Concen: 0.382 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:202 Resp: 20335

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.1	13.7	20.5



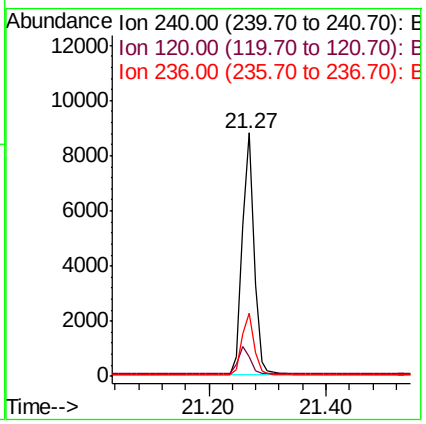


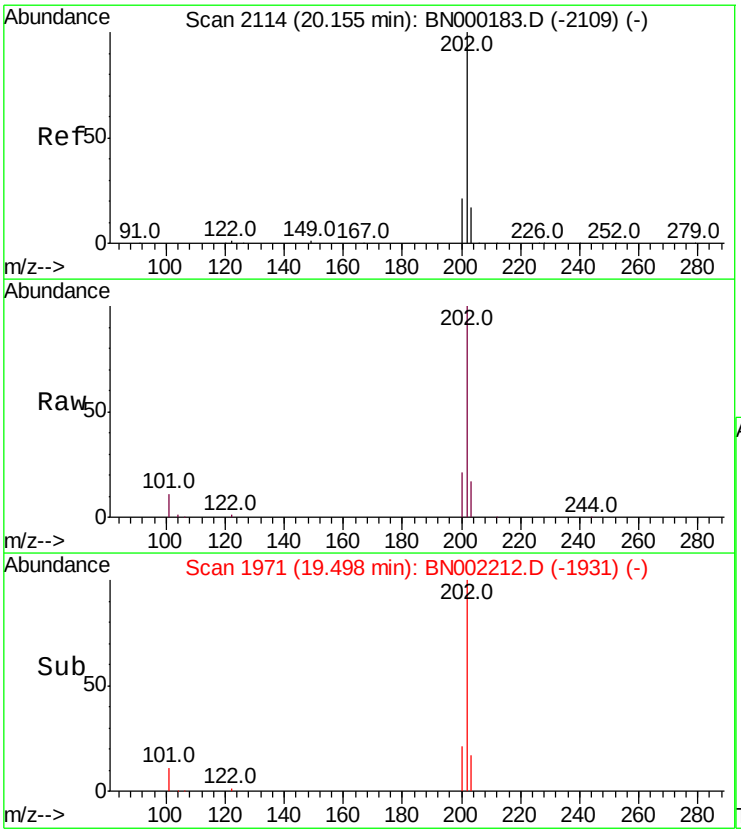
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 12252

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.5	8.3
236	25.8	20.7	31.1

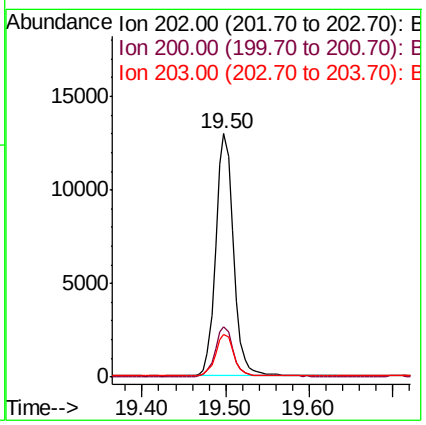


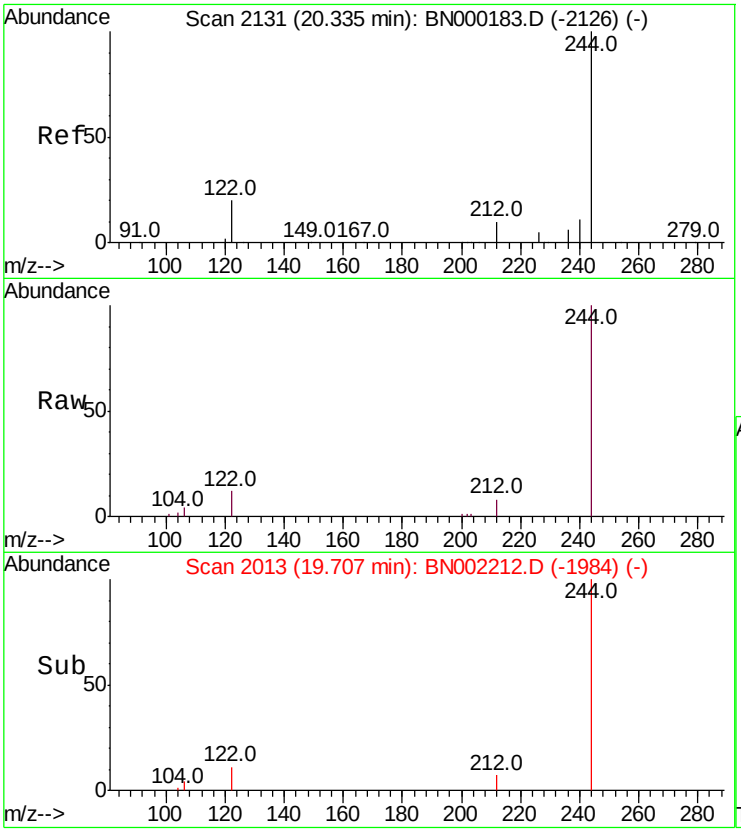


#28
Pyrene
Concen: 0.529 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:202 Resp: 19183

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.9	13.8	20.8



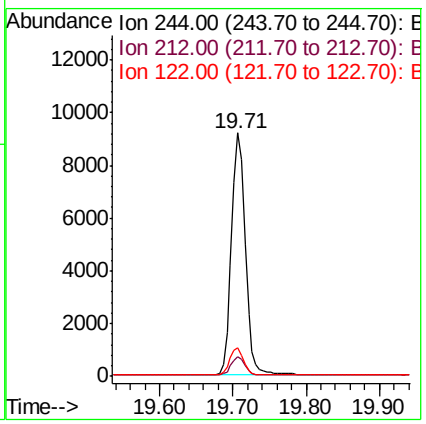


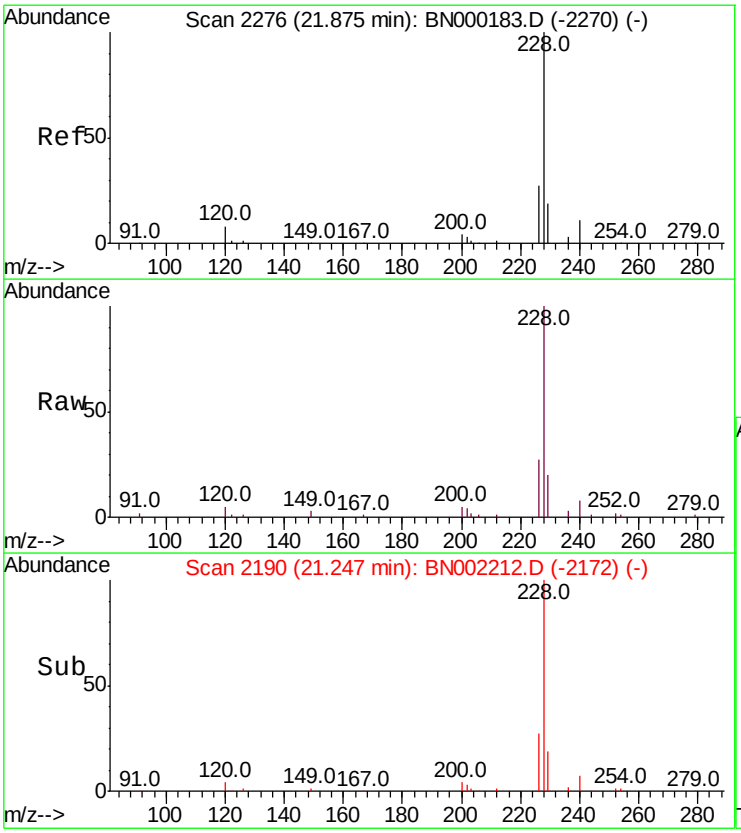
#29
Terphenyl-d14
Concen: 0.465 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 12167

Ion	Ratio	Lower	Upper
244	100		
212	7.9	25.4	38.0#
122	11.5	8.1	12.1

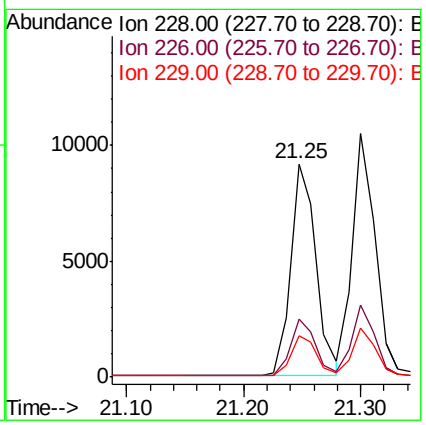


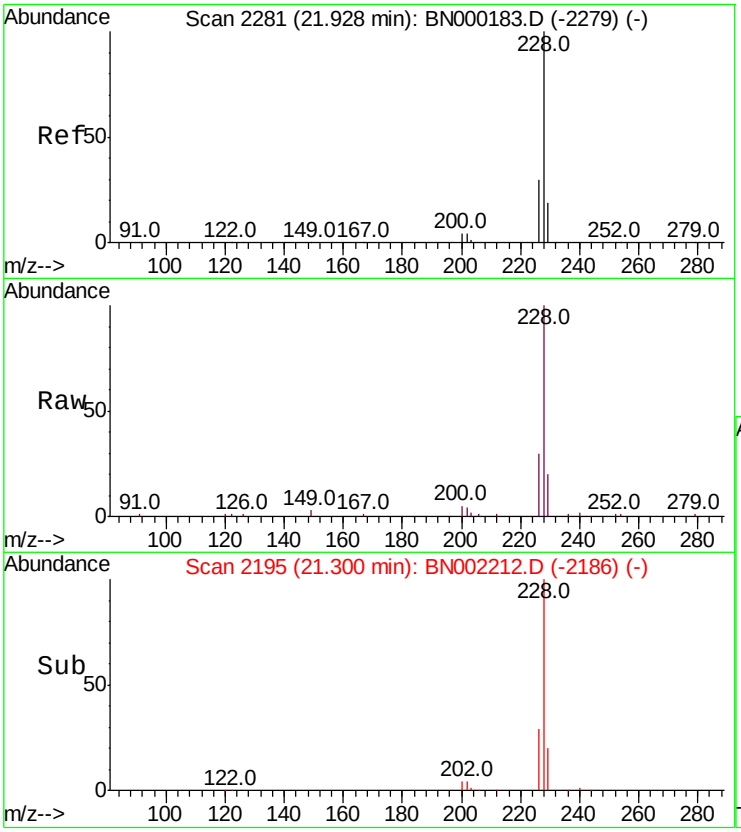


#30
Benzo(a)anthracene
Concen: 0.448 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:228 Resp: 13811

Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.0	36.0
229	19.7	16.0	24.0



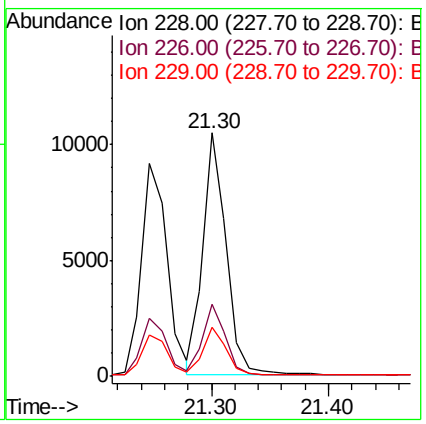


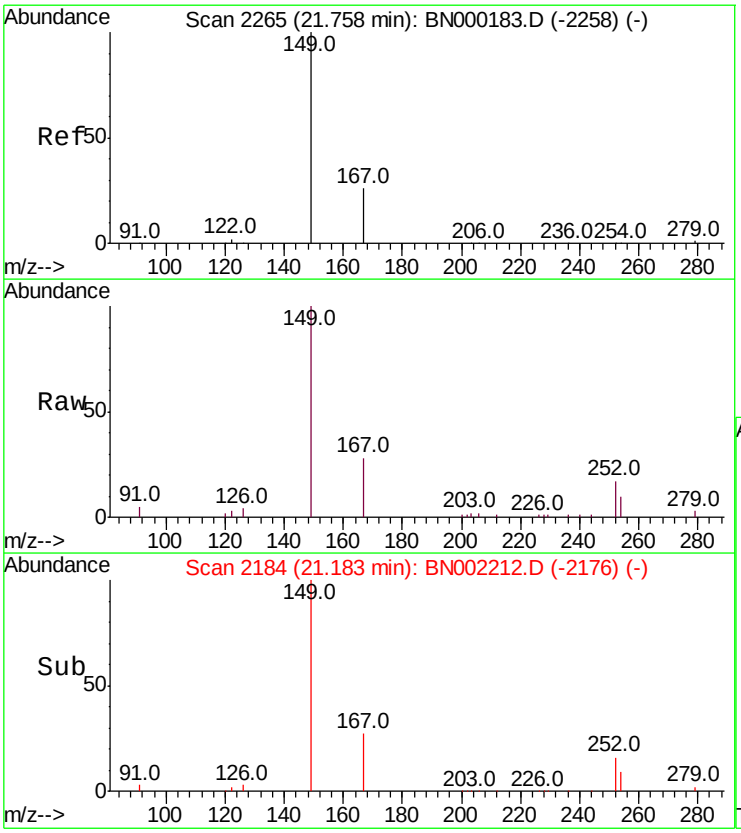
#31
Chrysene
Concen: 0.417 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14390

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.1	16.0	24.0

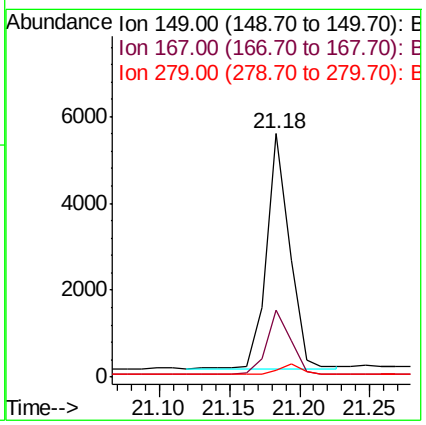


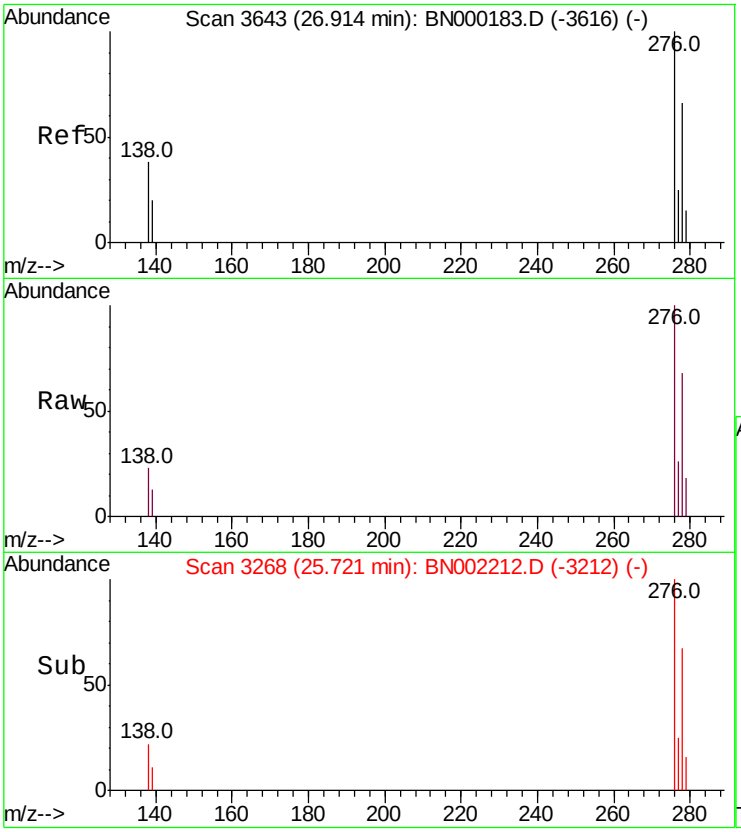


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.437 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:149 Resp: 6152

Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.0	30.0
279	4.5	1.6	2.4#



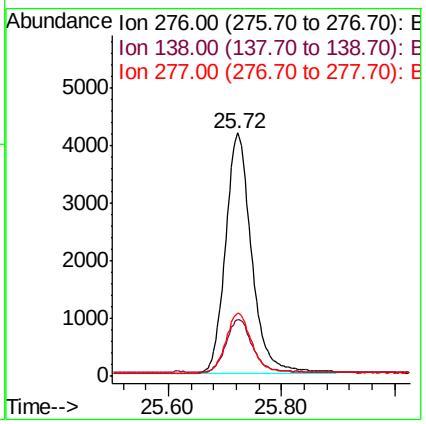


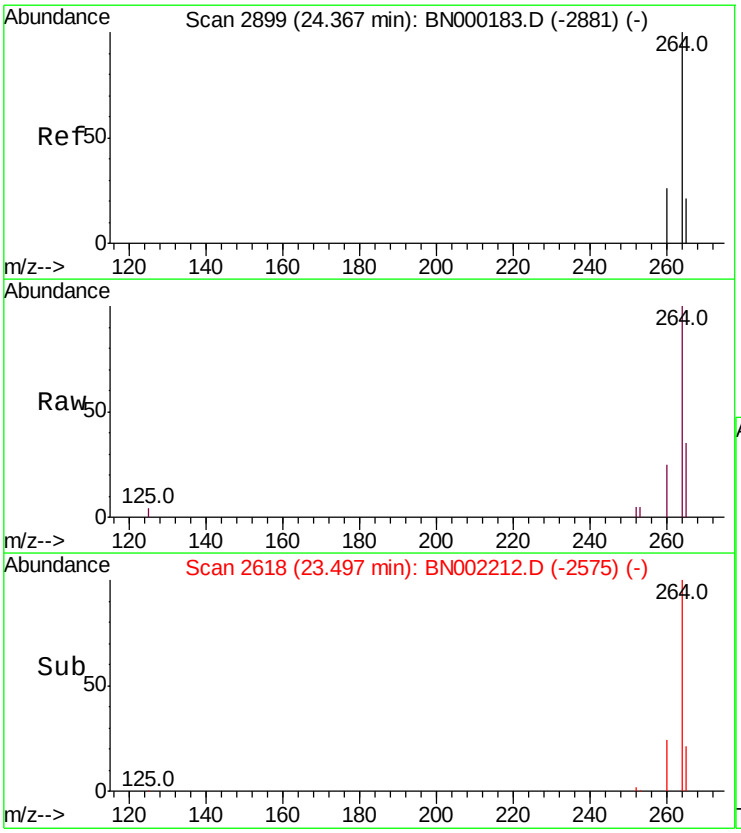
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 25.72 min Scan# 3268
Delta R.T. -0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13427

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.5	33.7#
277	24.9	19.9	29.9

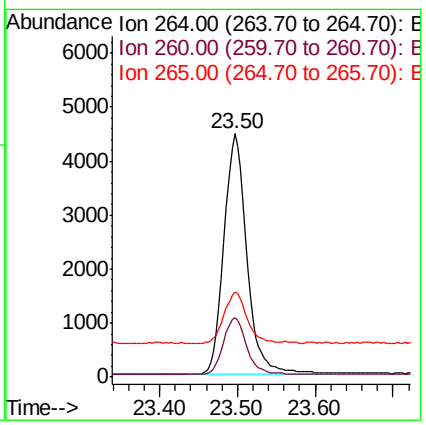


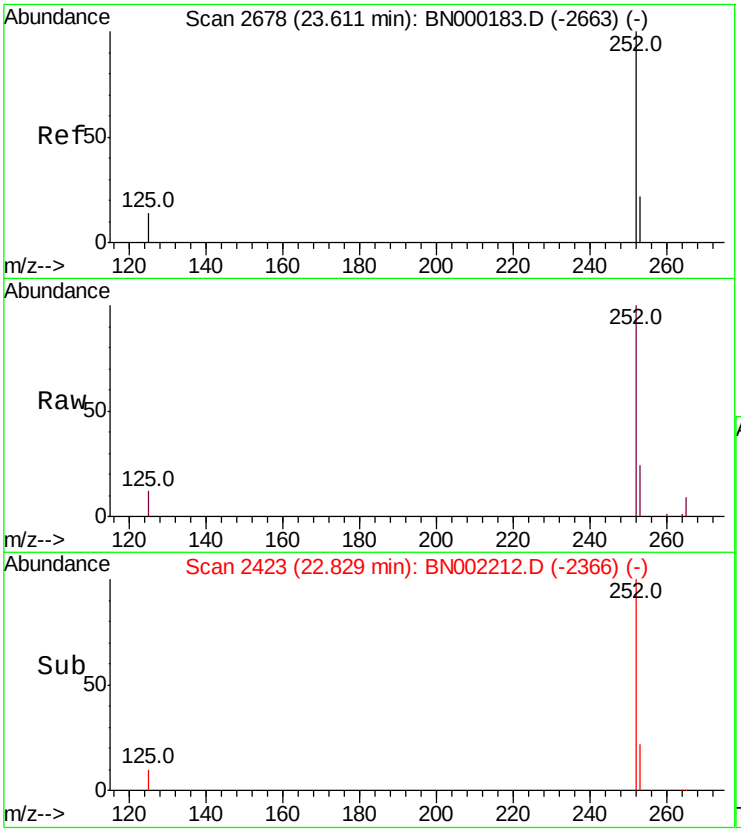


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:264 Resp: 9105

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	35.0	22.8	34.2#



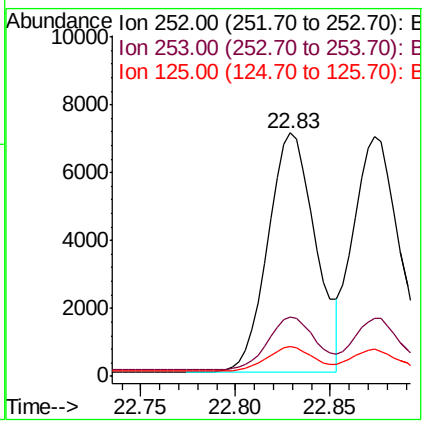


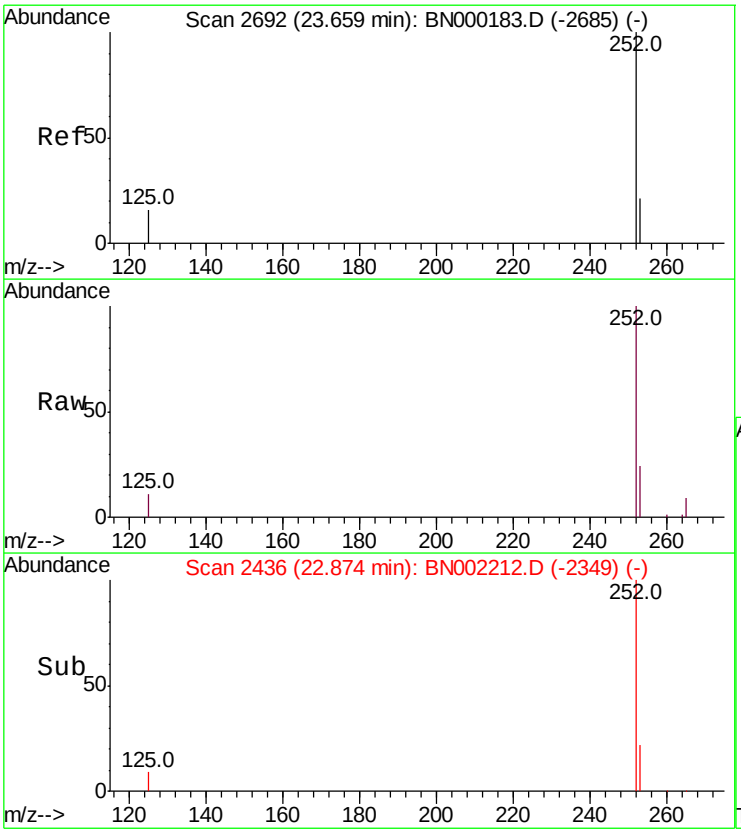
#35
Benzo(b)fluoranthene
Concen: 0.459 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12292

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.0	16.0	24.0#

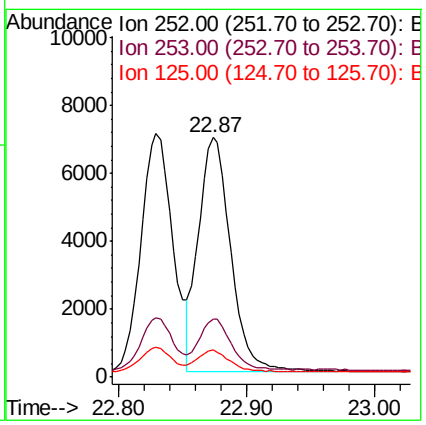


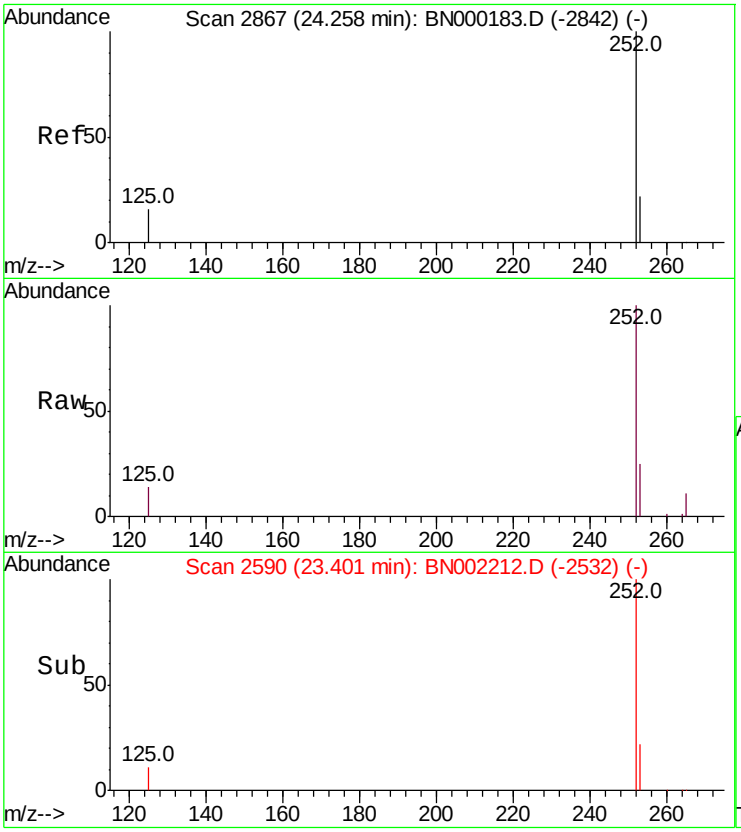


#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:252 Resp: 12059

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0#
125	11.2	8.0	12.0



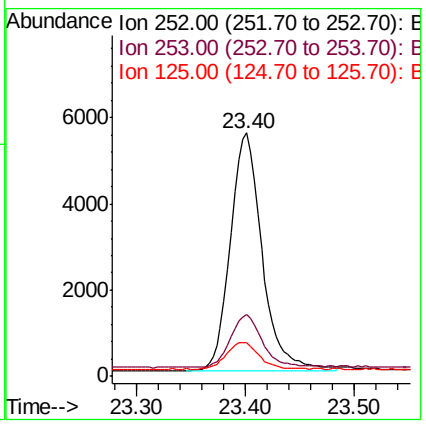


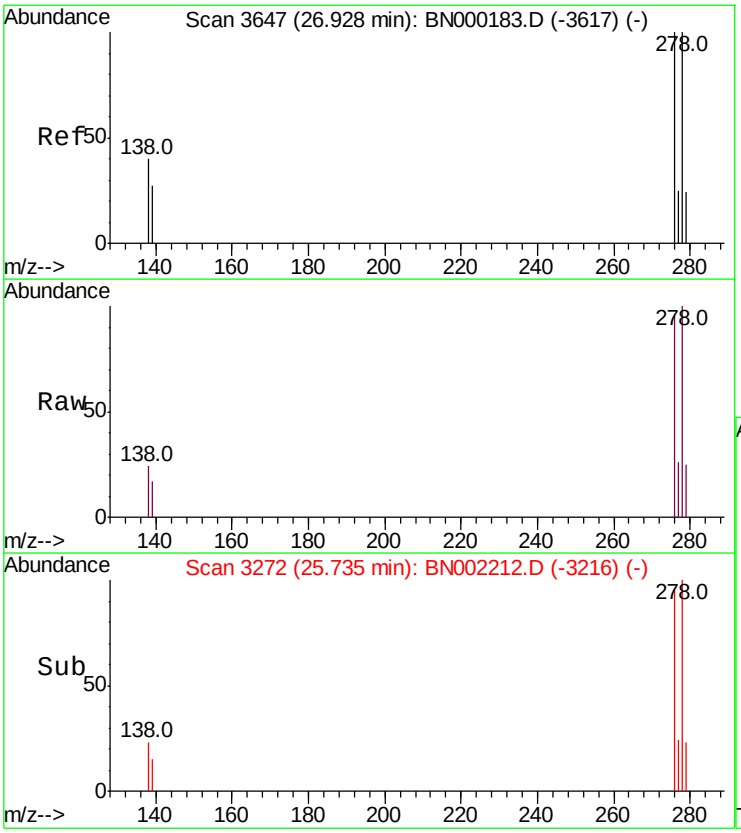
#37
Benzo(a)pyrene
Concen: 0.459 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11127

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.0	24.0#
125	14.0	12.0	18.0

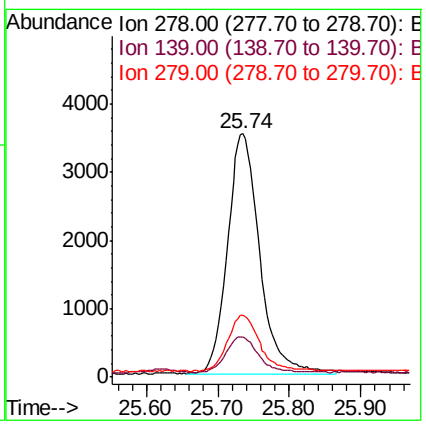


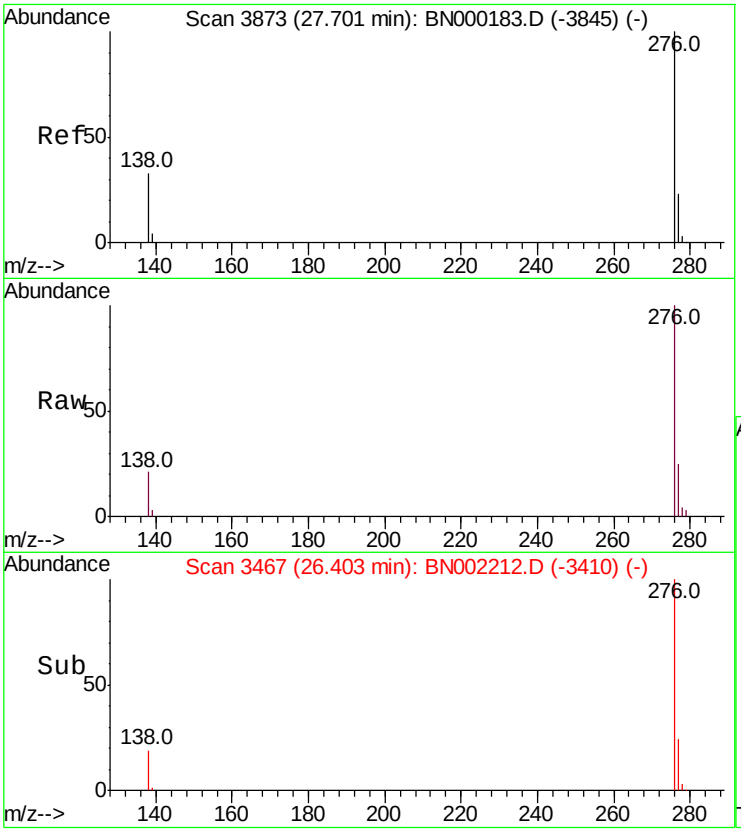


#38
Dibenzo(a,h)anthracene
Concen: 0.465 ng
RT: 25.74 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Tgt Ion:278 Resp: 10978

Ion	Ratio	Lower	Upper
278	100		
139	16.6	16.0	24.0
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.486 ng
RT: 26.40 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BN002212.D
Acq: 31 Jul 2018 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 11726

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	20.8	20.0	30.0