Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
Data File : BN005058.D
Acq On : 02 Apr 2019 12:49
Operator : JU/SJ
Sample : PB118217BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118217BS

Quant Time: Apr 03 01:57:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2781	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	12055	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7128	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	17177	0.40	ng		0.00
27) Chrysene-d12	21.26	240	18854	0.40	ng		0.00
34) Perylene-d12	23.50	264	17388	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2584	0.37	ng		0.00
5) Phenol-d6	6.85	99	3096	0.38	ng		0.00
8) Nitrobenzene-d5	8.83	82	2471	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	7312	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1336	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.92	172	10764	0.40	ng		0.00
25) Fluoranthene-d10	19.10	212	18288	0.37	ng		0.00
29) Terphenyl-d14	19.70	244	15024	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1144	0.383	ng		99
3) n-Nitrosodimethylamine	3.54	42	490	0.268	ng	#	97
6) bis(2-Chloroethyl)ether	7.10	93	3041	0.392	ng		98
9) Naphthalene	10.49	128	12035	0.397	ng		100
10) Hexachlorobutadiene	10.76	225	2238	0.398	ng	#	100
12) 2-Methylnaphthalene	12.11	142	8448	0.386	ng		99
16) Acenaphthylene	14.02	152	12226	0.363	ng		99
17) Acenaphthene	14.37	154	8381	0.392	ng		100
18) Fluorene	15.36	166	11042	0.385	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	3617	0.368	ng		98
21) Hexachlorobenzene	16.36	284	4331	0.399	ng		98
22) Pentachlorophenol	16.73	266	1263	0.634	ng		96
23) Phenanthrene	17.10	178	18430	0.383	ng		99
24) Anthracene	17.20	178	15660	0.366	ng		100
26) Fluoranthene	19.13	202	21633	0.367	ng		99
28) Pyrene	19.49	202	21872	0.408	ng		100
30) Benzo(a)anthracene	21.25	228	20275	0.381	ng		99
31) Chrysene	21.30	228	21475	0.375	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	6958	0.313	ng		100
33) Indeno(1,2,3-cd)pyrene	25.75	276	22098	0.343	ng		100
35) Benzo(b)fluoranthene	22.83	252	21524	0.386	ng		100
36) Benzo(k)fluoranthene	22.87	252	21809	0.405	ng		100
37) Benzo(a)pyrene	23.40	252	18834	0.380	ng		100
38) Dibenzo(a,h)anthracene	25.76	278	17907	0.361	ng		99
39) Benzo(g,h,i)perylene	26.44	276	18591	0.372	ng		100

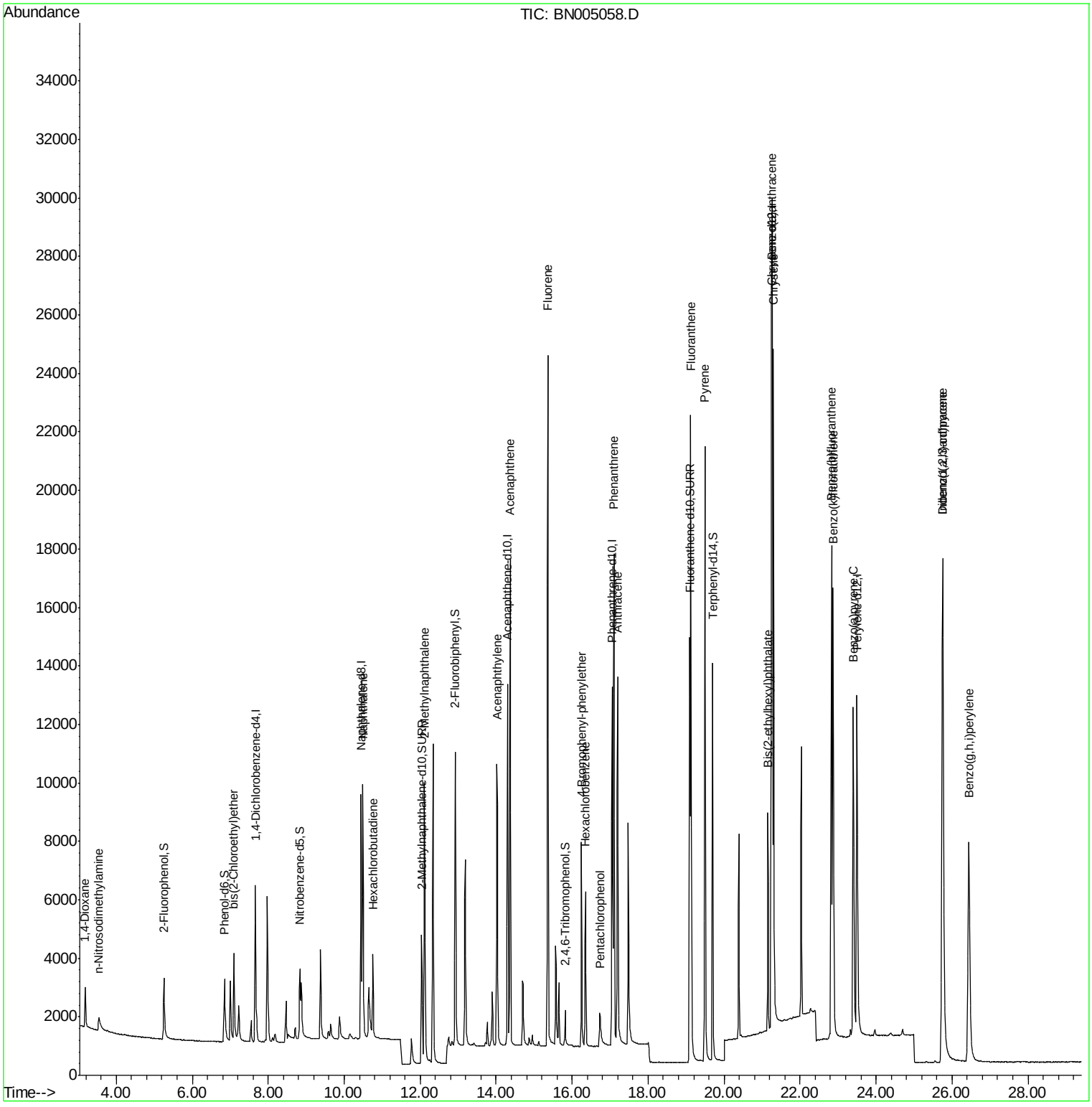
(#) = qualifier out of range (m) = manual integration (+) = signals summed

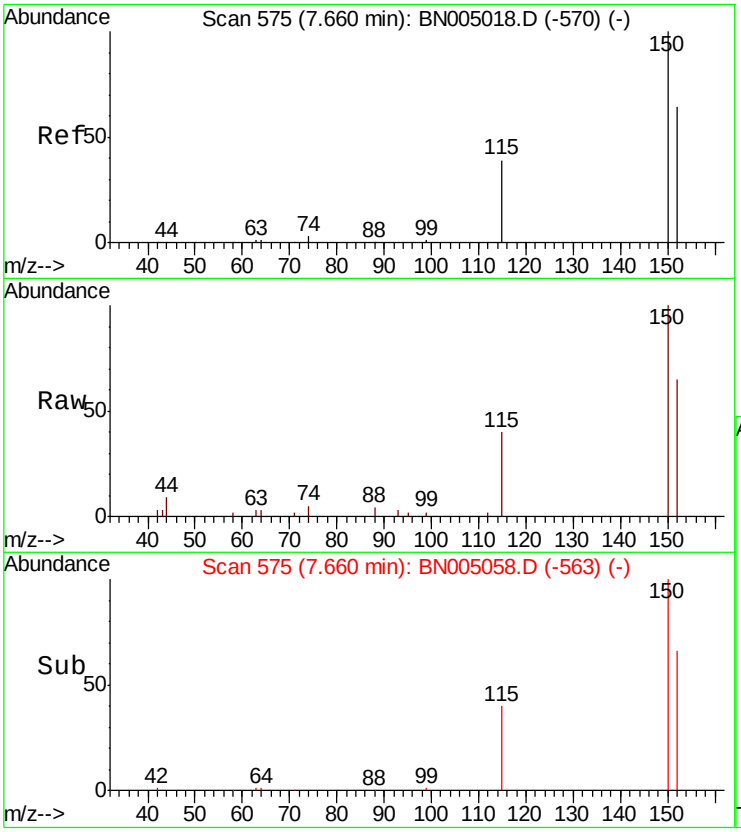
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
Data File : BN005058.D
Acq On : 02 Apr 2019 12:49
Operator : JU/SJ
Sample : PB118217BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Quant Time: Apr 03 01:57:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration



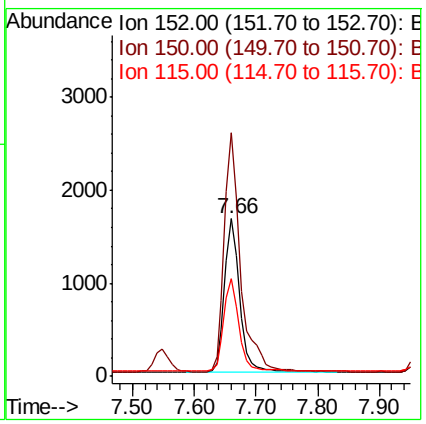


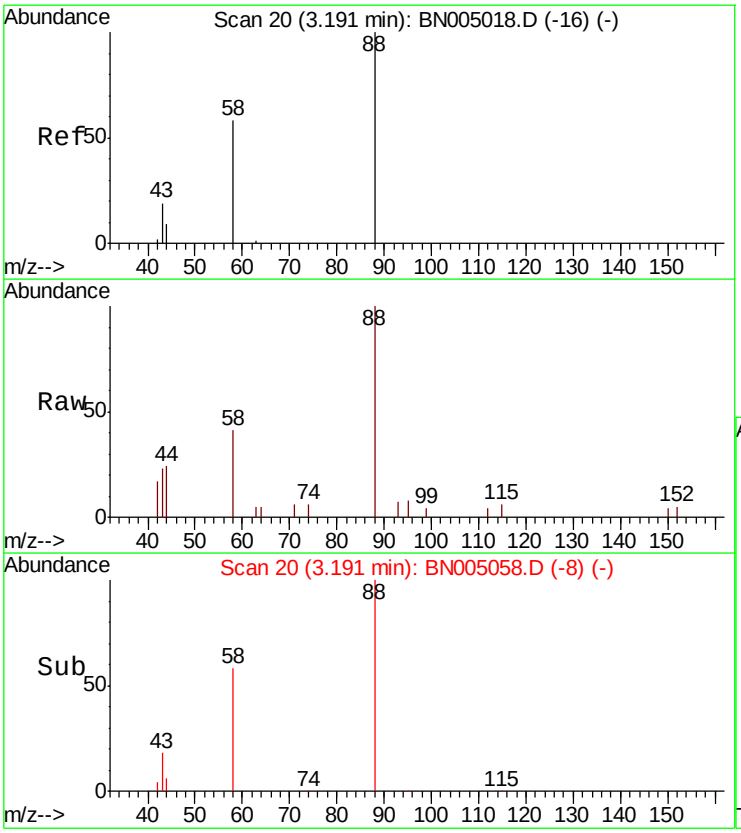
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:152 Resp: 2781

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.4	185.2
115	61.7	50.0	75.0

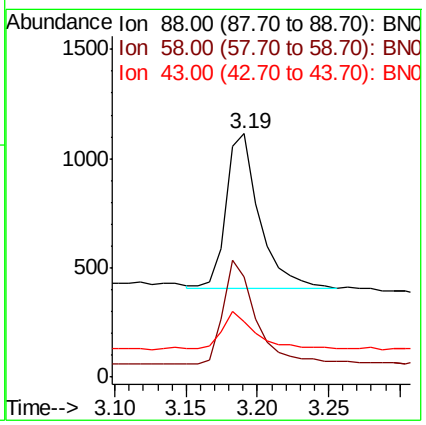


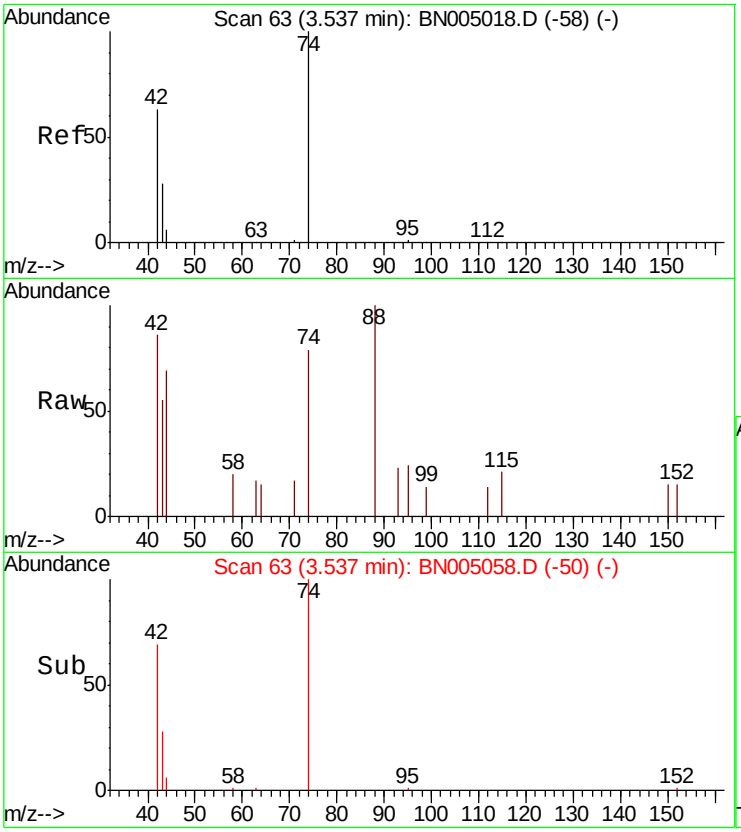


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.19 min Scan# 20
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion: 88 Resp: 1144

Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.8	79.2
43	26.3	19.6	29.4



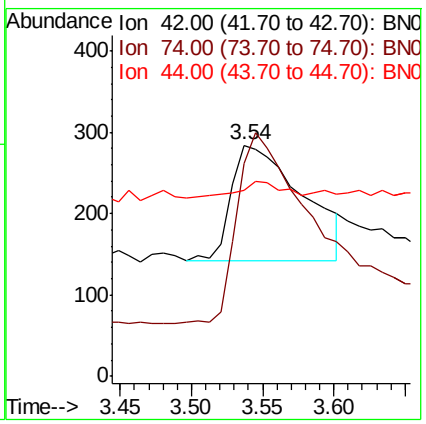


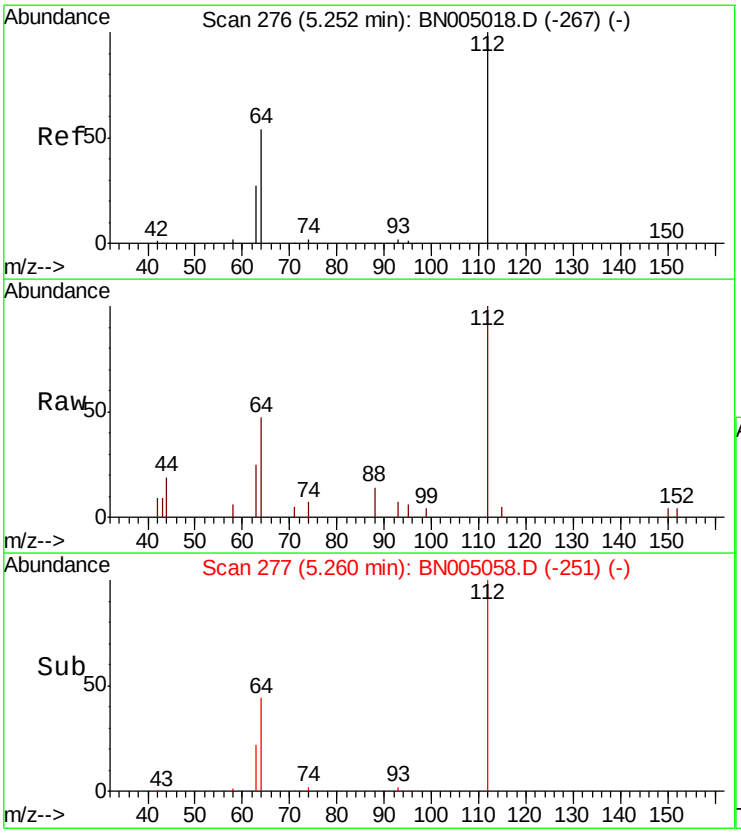
#3
n-Nitrosodimethylamine
Concen: 0.268 ng
RT: 3.54 min Scan# 63
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion: 42 Resp: 490

Ion	Ratio	Lower	Upper
42	100		
74	158.4	129.1	193.7
44	9.4	11.6	17.4#

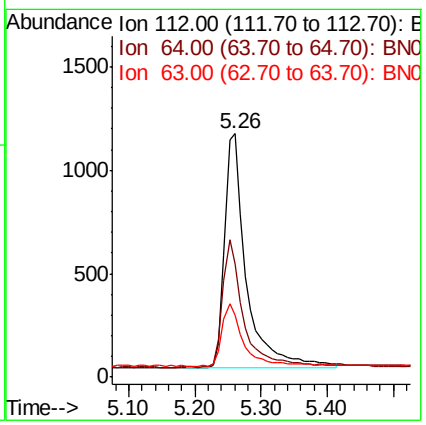


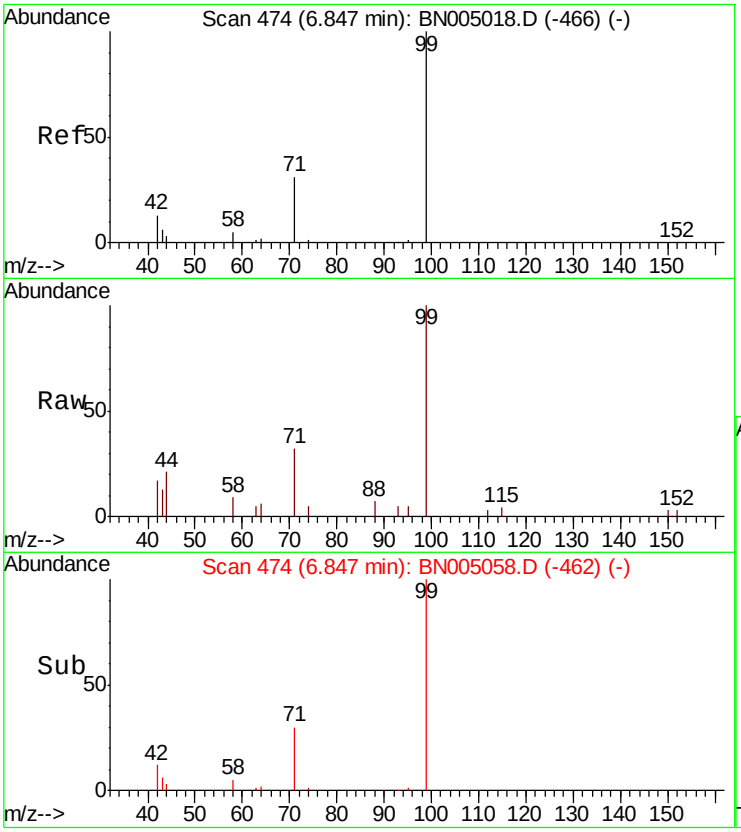


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:112 Resp: 2584

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.9	62.9
63	26.1	21.5	32.3



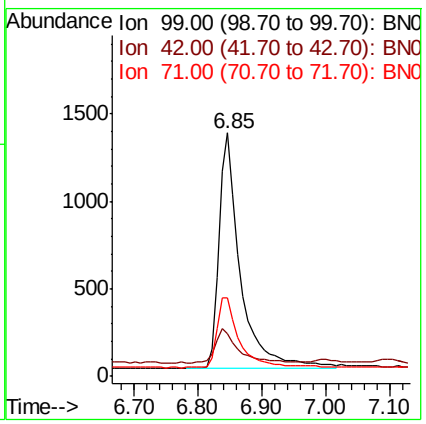


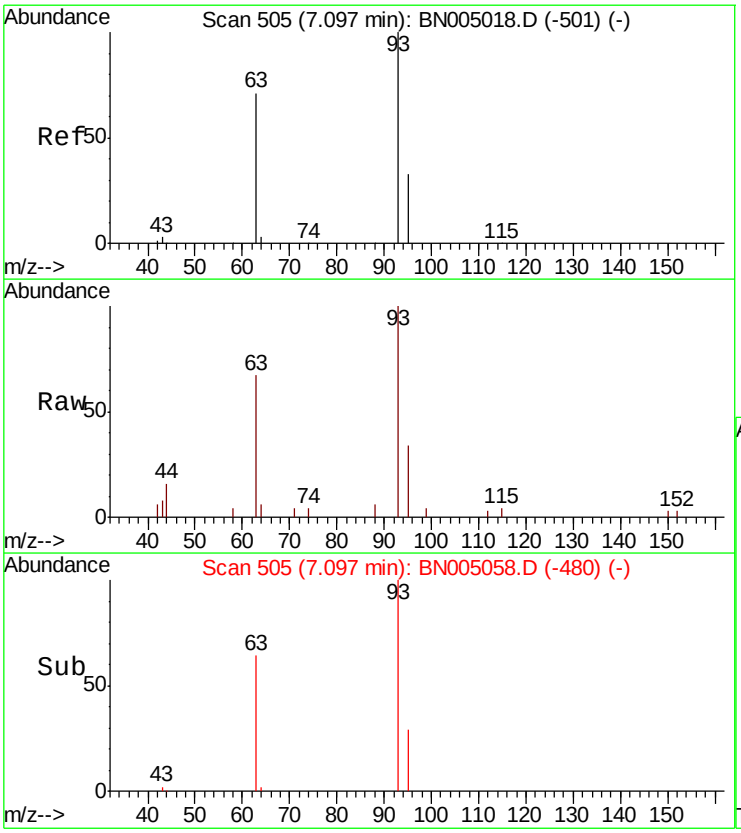
#5
Phenol-d6
Concen: 0.377 ng
RT: 6.85 min Scan# 474
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion: 99 Resp: 3096

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	31.8	26.1	39.1

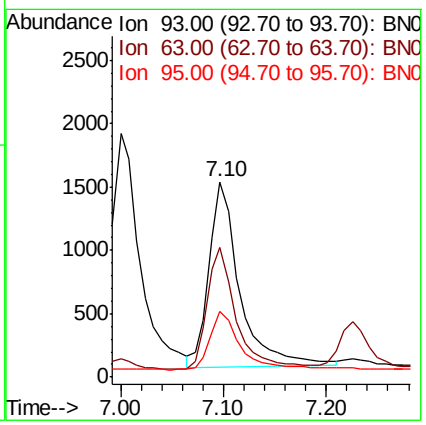


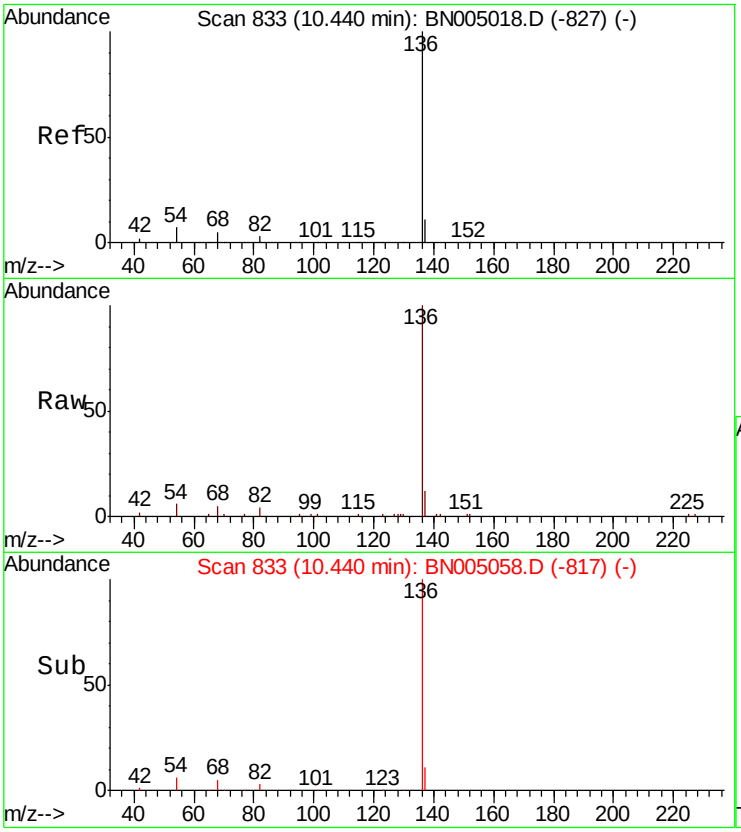


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 7.10 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion: 93 Resp: 3041

Ion	Ratio	Lower	Upper
93	100		
63	62.4	51.8	77.6
95	30.5	24.8	37.2



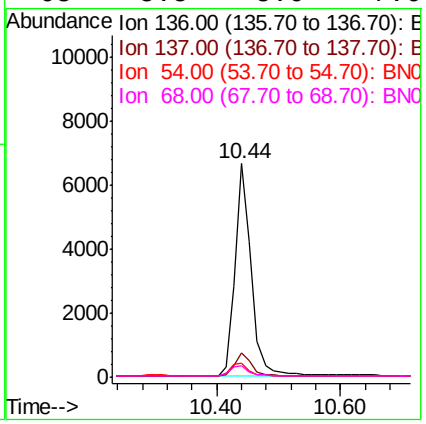


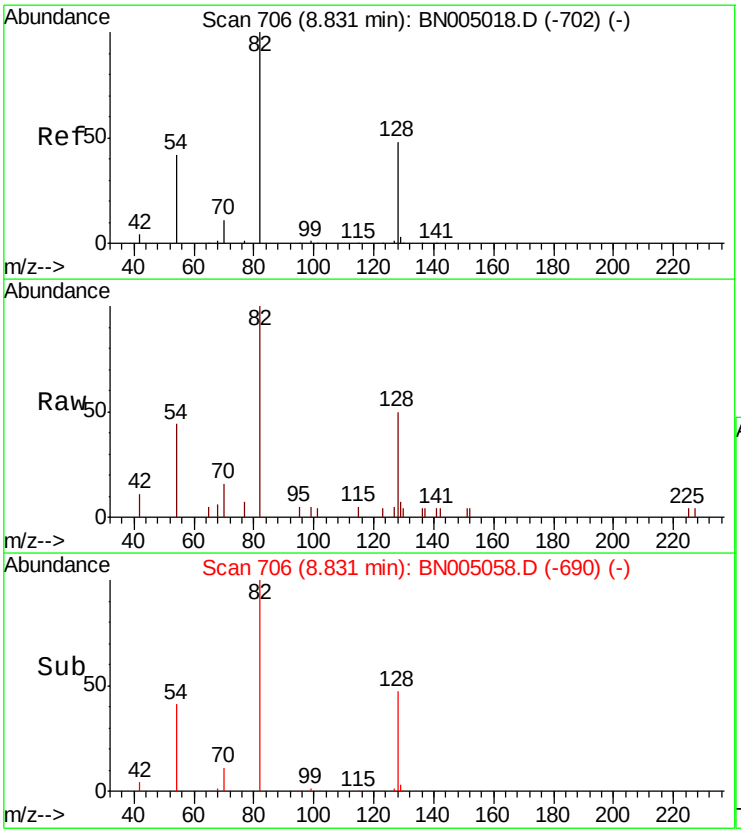
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:136 Resp: 12055

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.3	6.0	9.0
68	5.5	5.0	7.6

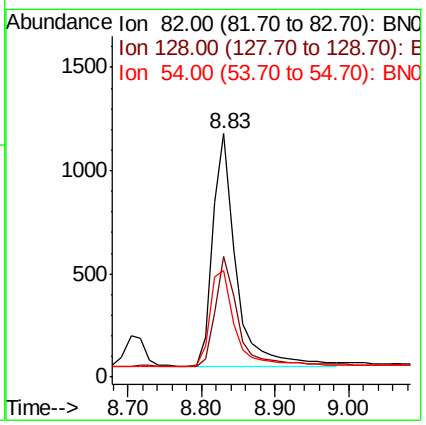


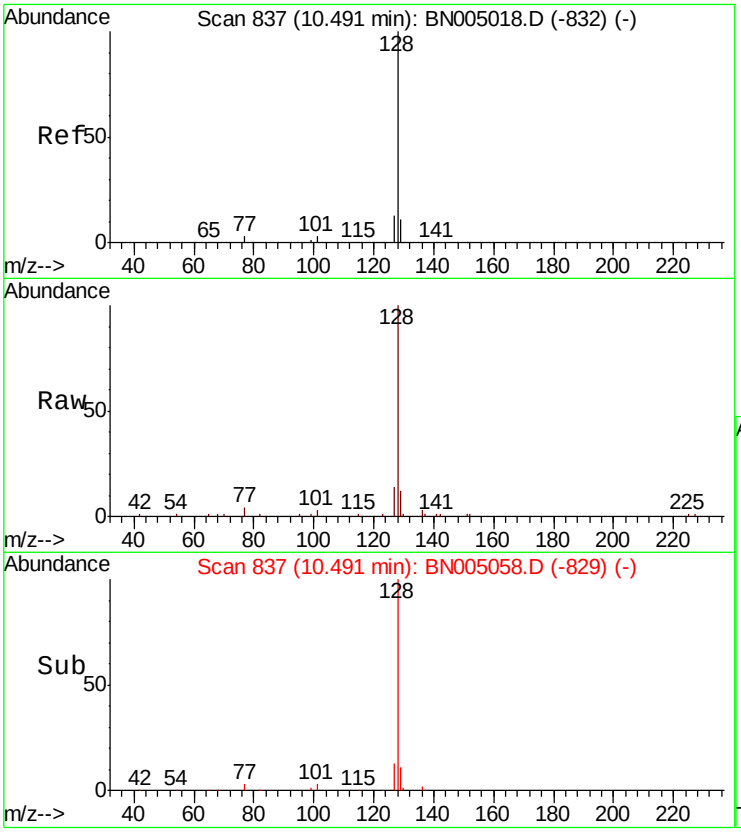


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.83 min Scan# 706
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion: 82 Resp: 2471

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.5	60.7
54	43.9	35.7	53.5



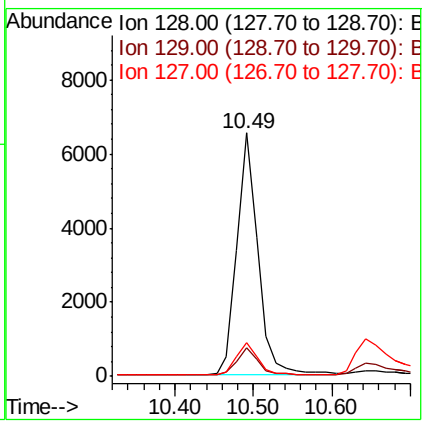


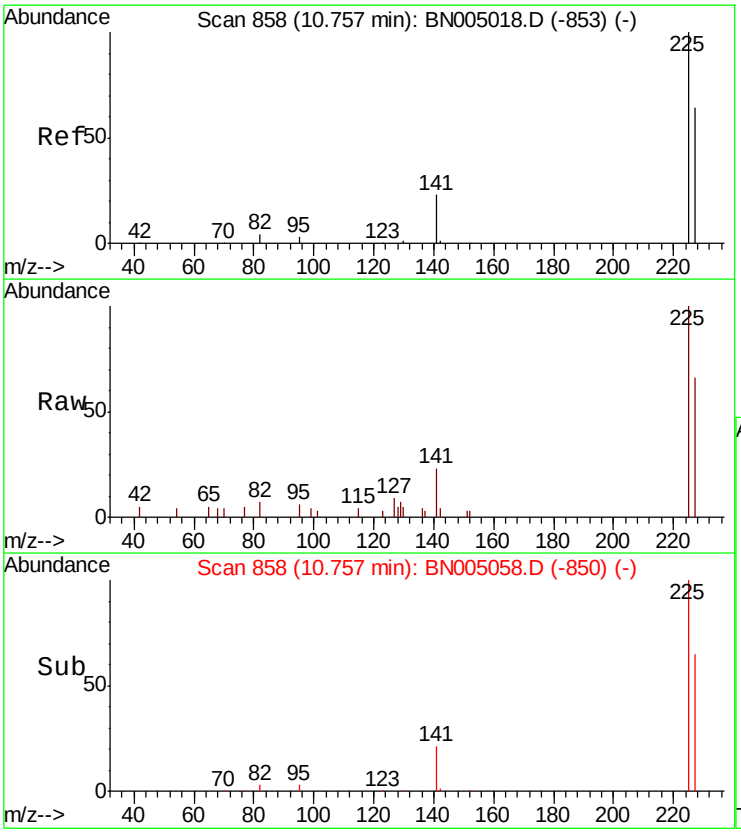
#9
Naphthalene
Concen: 0.397 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:128 Resp: 12035

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.9	11.0	16.6

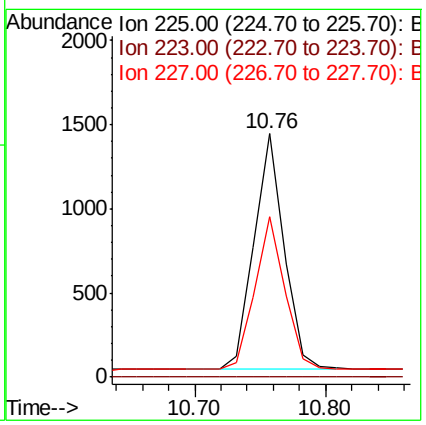


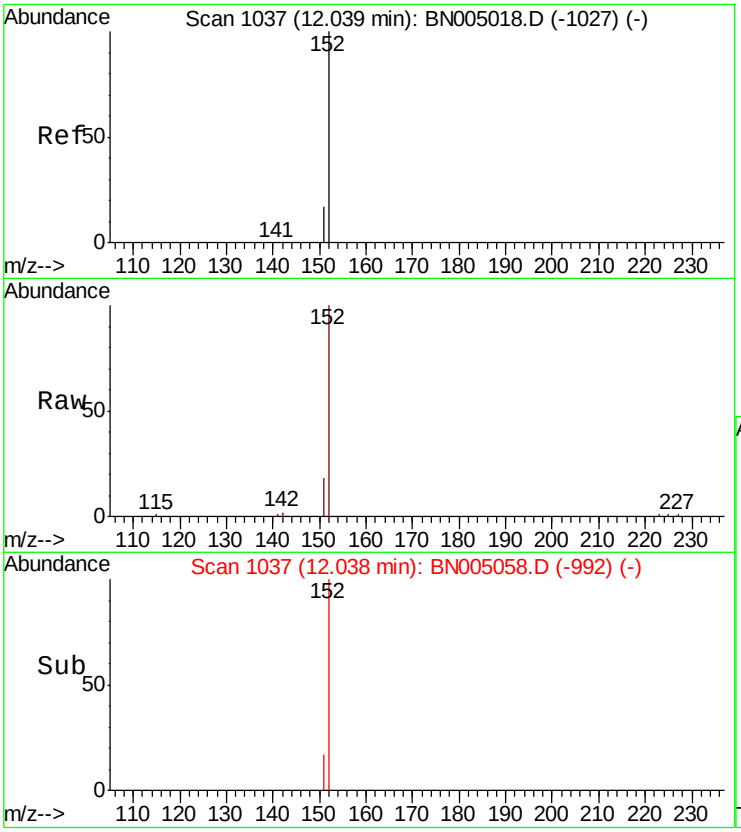


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:225 Resp: 2238

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.5	77.3



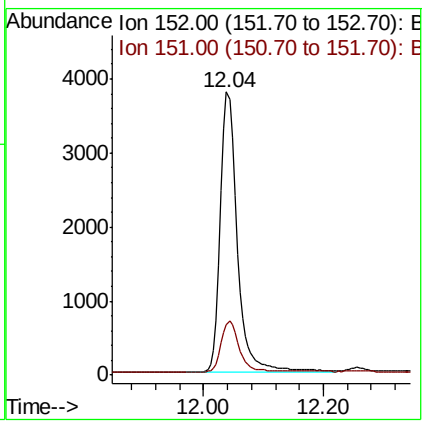


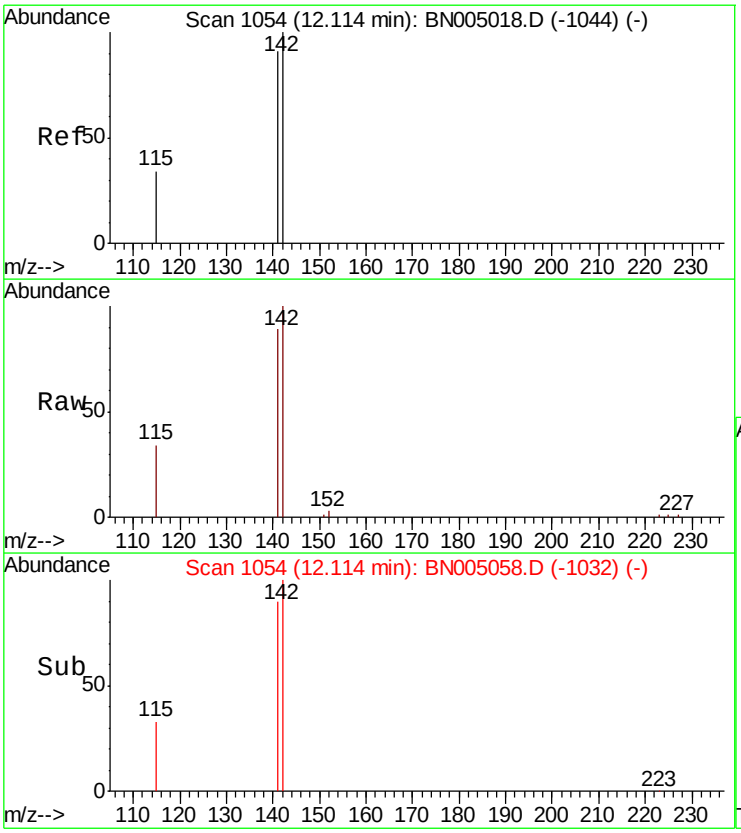
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.04 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:152 Resp: 7312

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

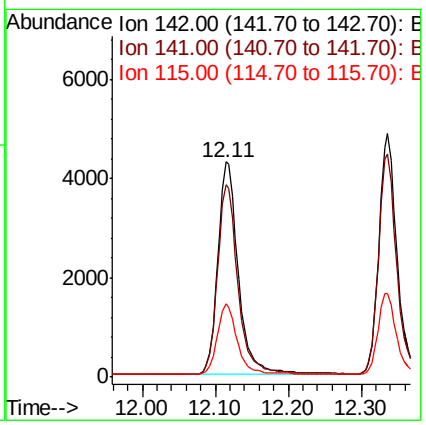


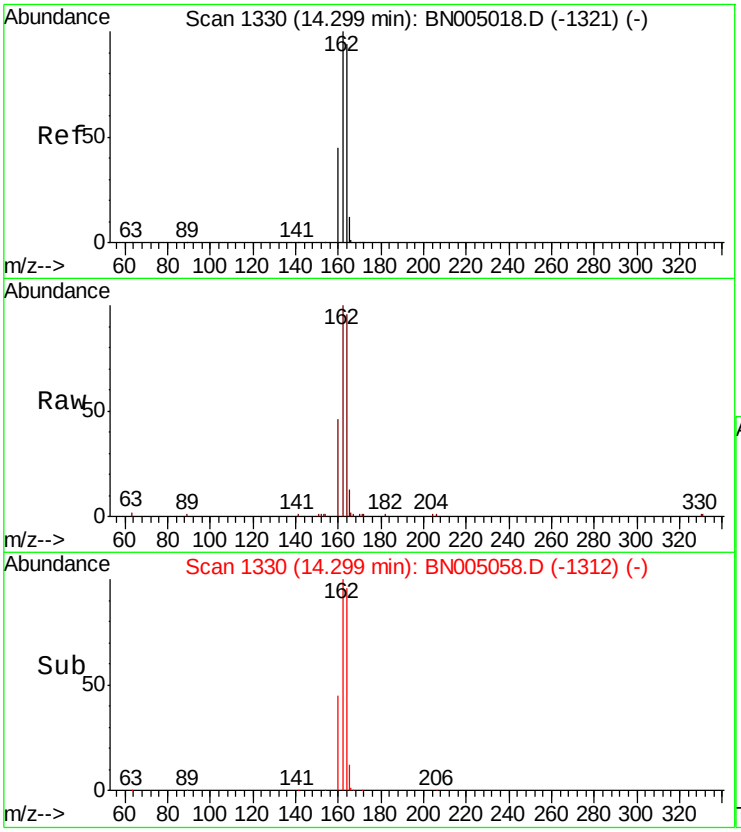


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.11 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:142 Resp: 8448

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8
115	33.8	27.8	41.8



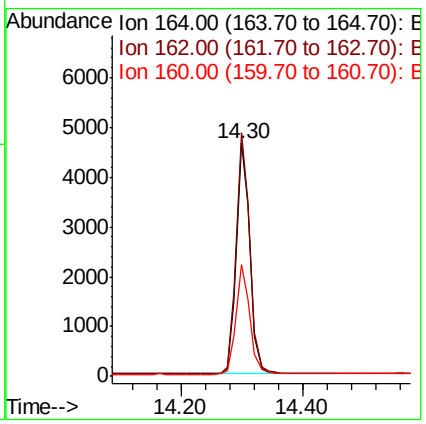


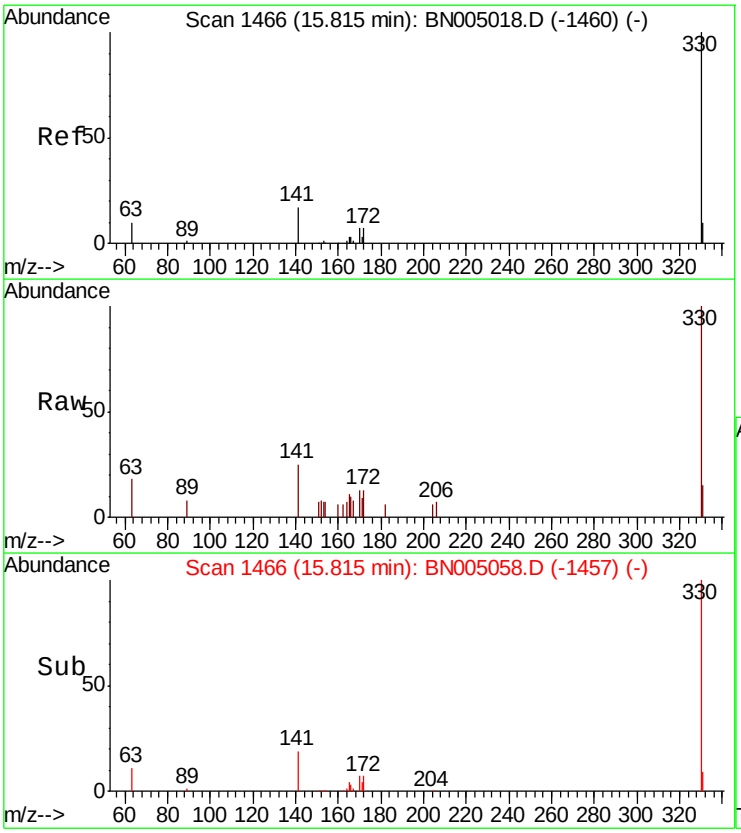
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:164 Resp: 7128

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.3	127.9
160	47.9	39.2	58.8

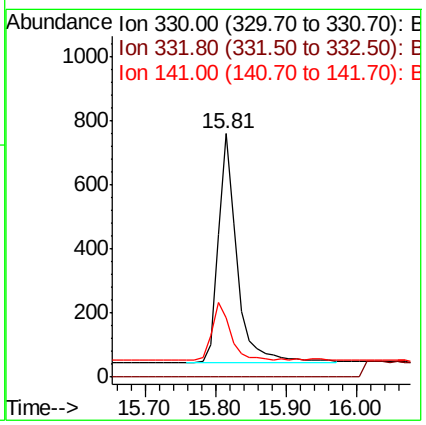


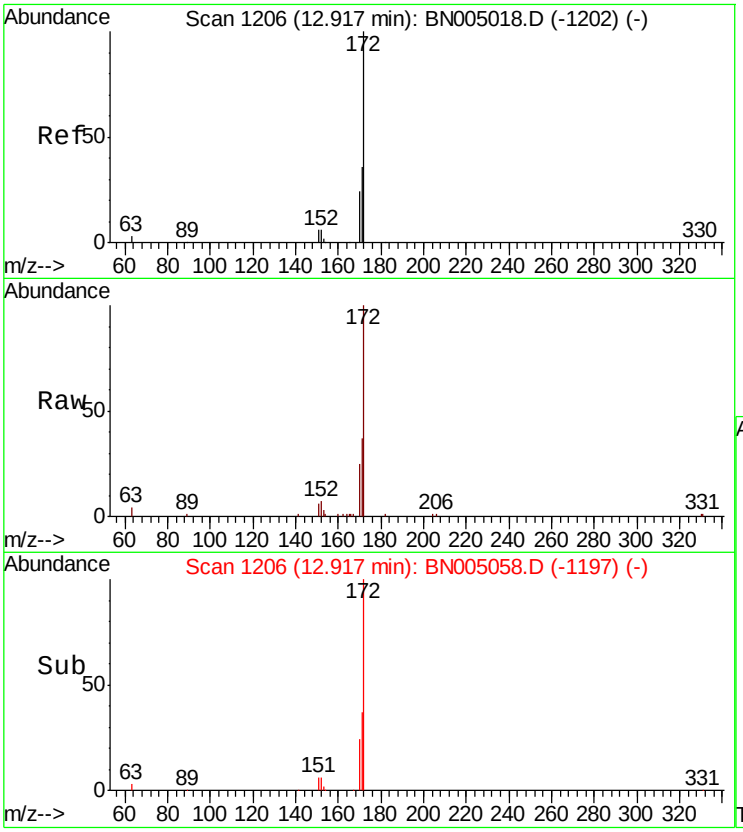


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.81 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:330 Resp: 1336

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.4	21.3	31.9



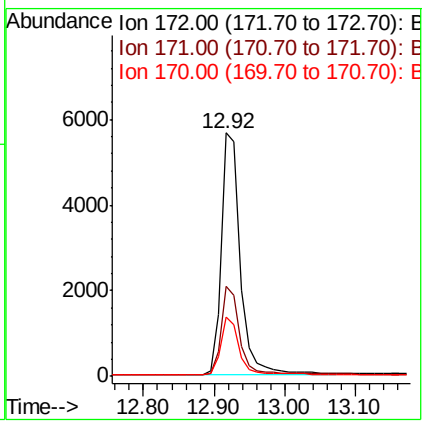


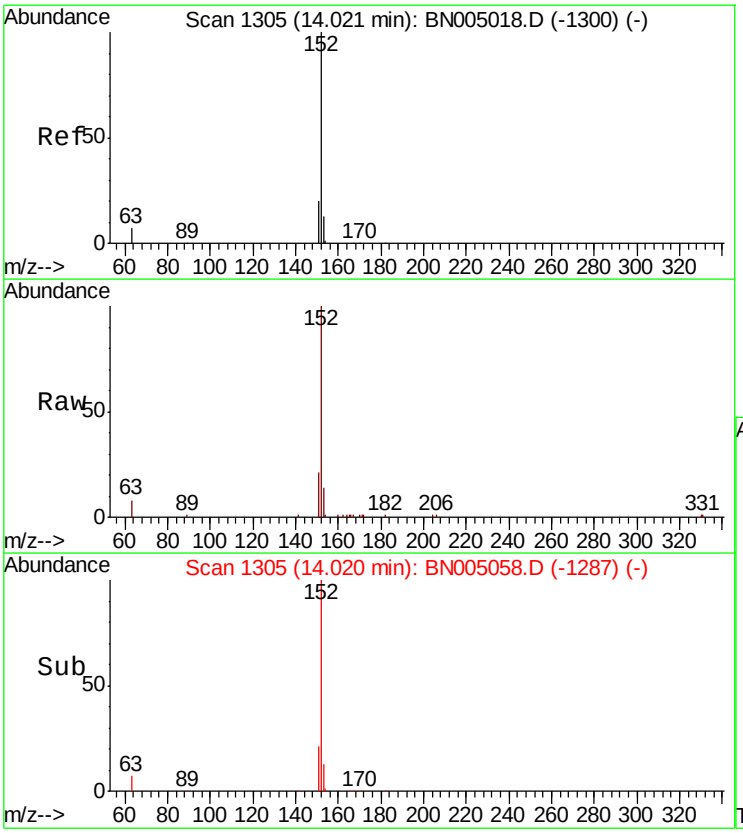
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:172 Resp: 10764

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.6	20.0	30.0

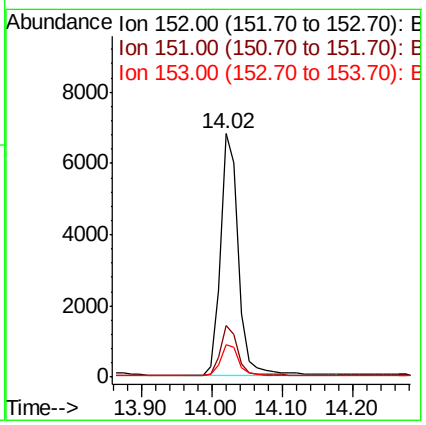


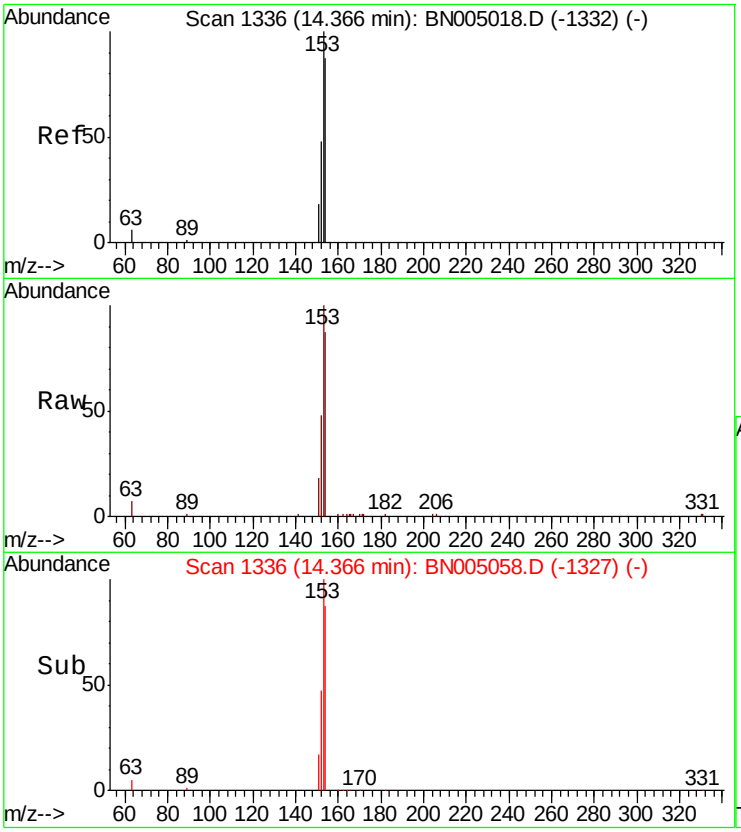


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:152 Resp: 12226

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.1	10.6	15.8



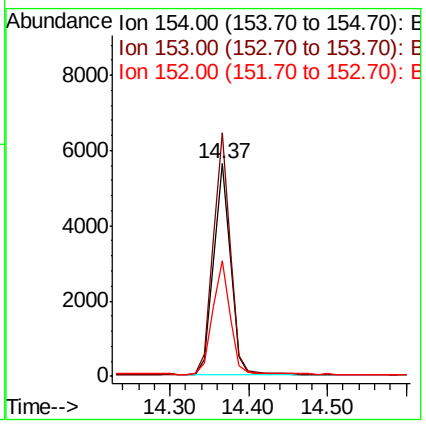


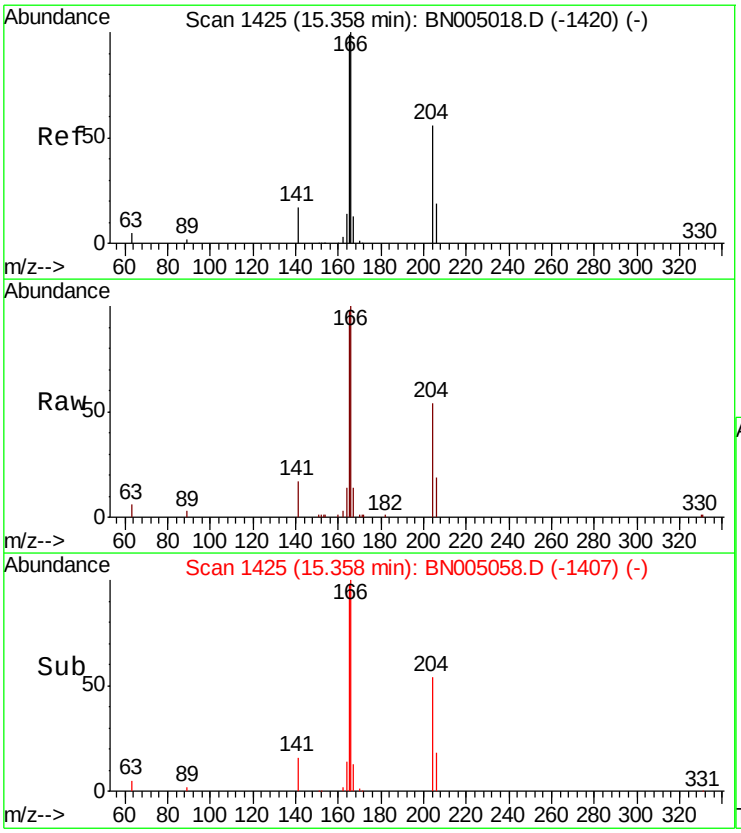
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:154 Resp: 8381

Ion	Ratio	Lower	Upper
154	100		
153	114.8	92.1	138.1
152	54.8	44.2	66.2

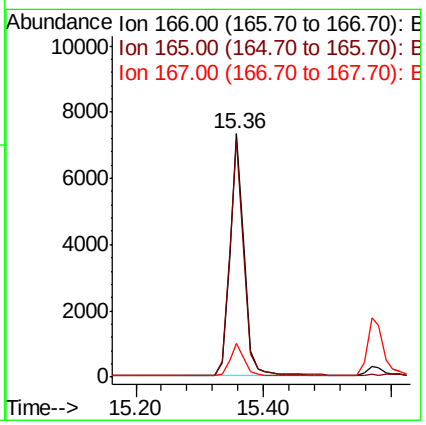


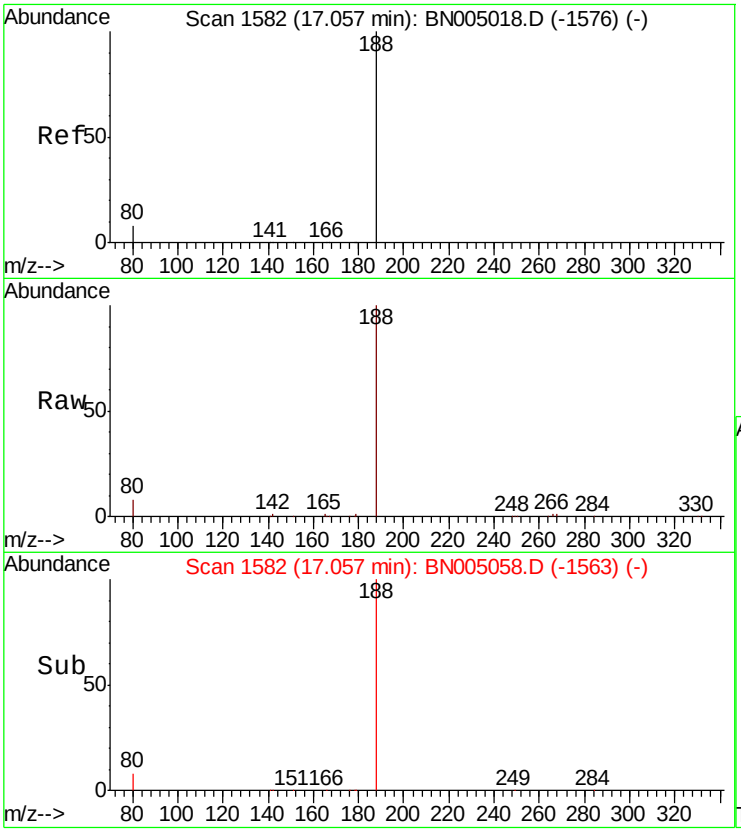


#18
Fluorene
Concen: 0.385 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:166 Resp: 11042

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.4	10.9	16.3



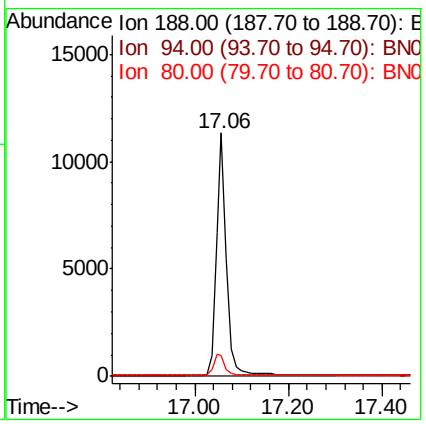


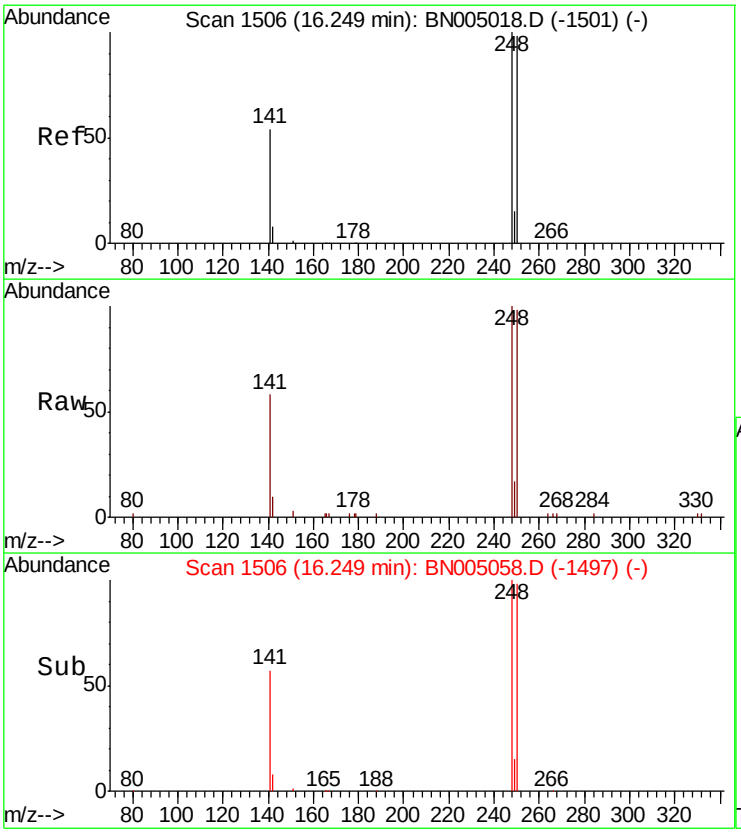
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:188 Resp: 17177

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.9	10.3

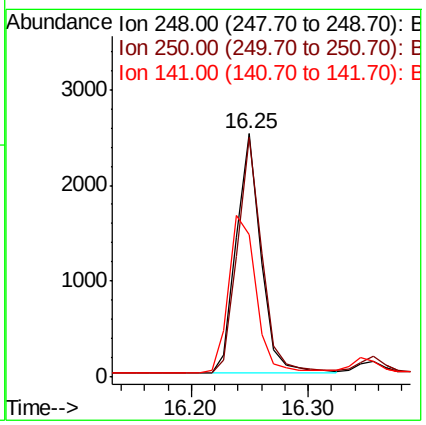


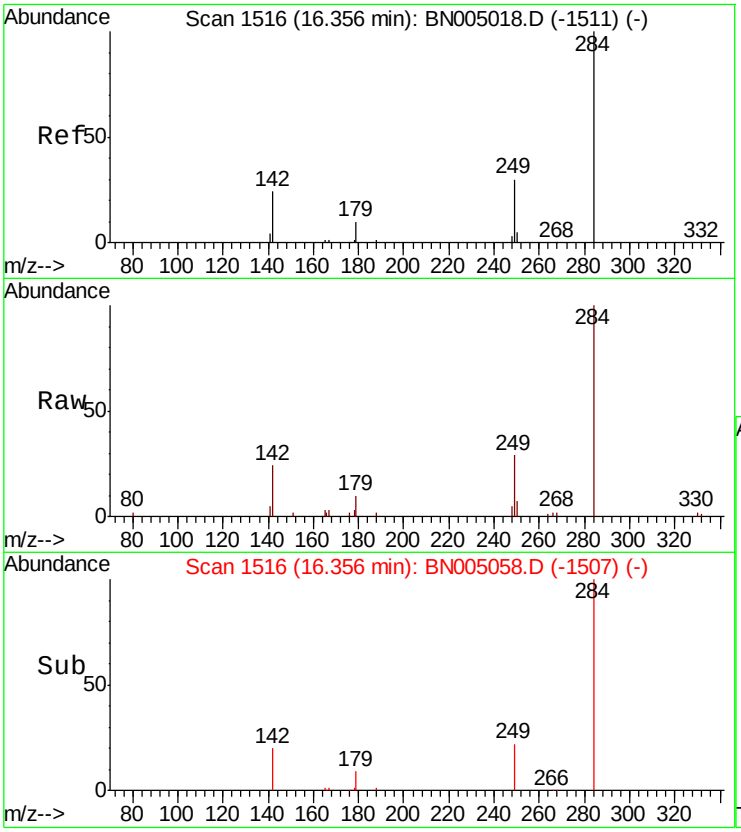


#20
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:248 Resp: 3617

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.6	117.8
141	58.3	43.6	65.4



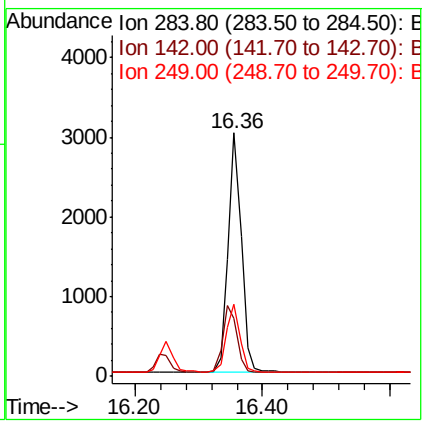


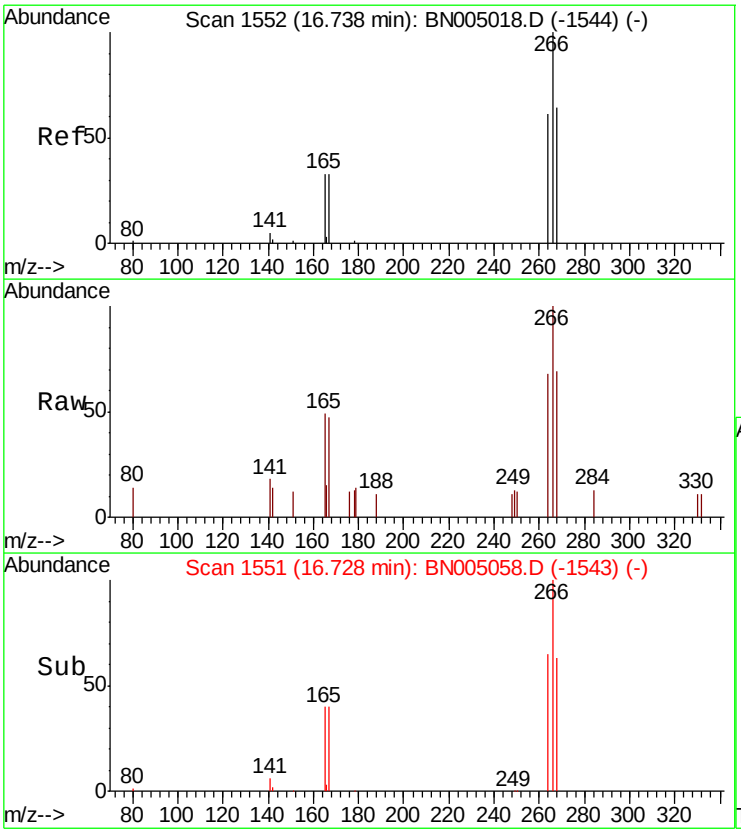
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:284 Resp: 4331

Ion	Ratio	Lower	Upper
284	100		
142	29.7	24.9	37.3
249	28.7	23.8	35.6

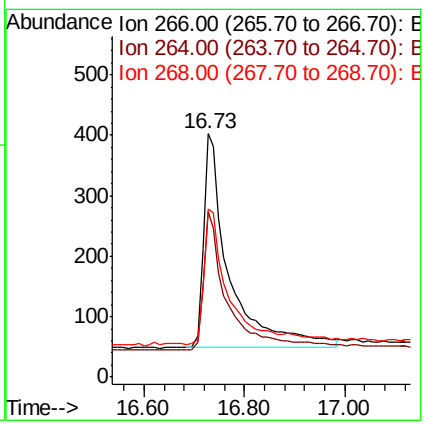


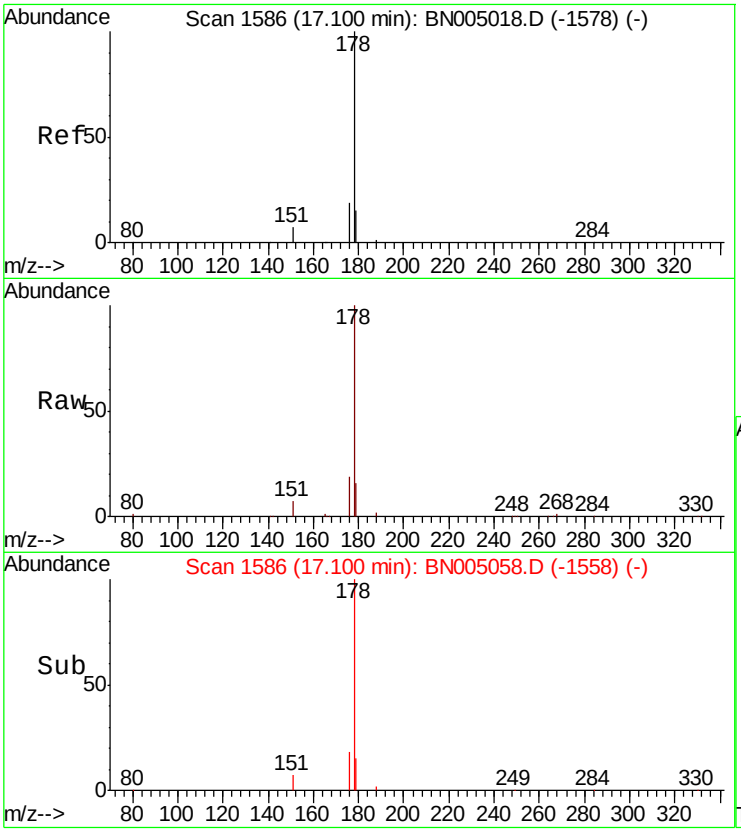


#22
Pentachlorophenol
Concen: 0.634 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:266 Resp: 1263

Ion	Ratio	Lower	Upper
266	100		
264	68.2	53.4	80.0
268	69.2	58.9	88.3



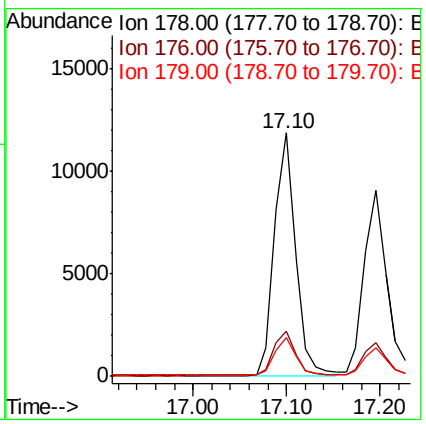


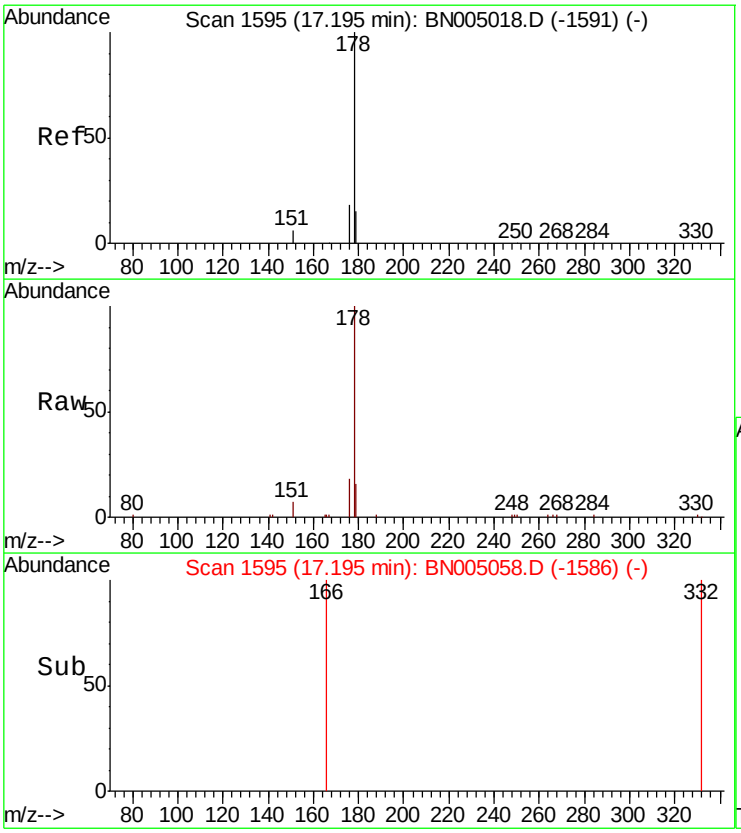
#23
Phenanthrene
Concen: 0.383 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:178 Resp: 18430

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.4	12.2	18.2

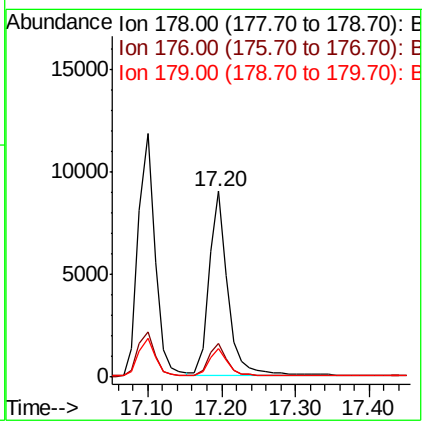


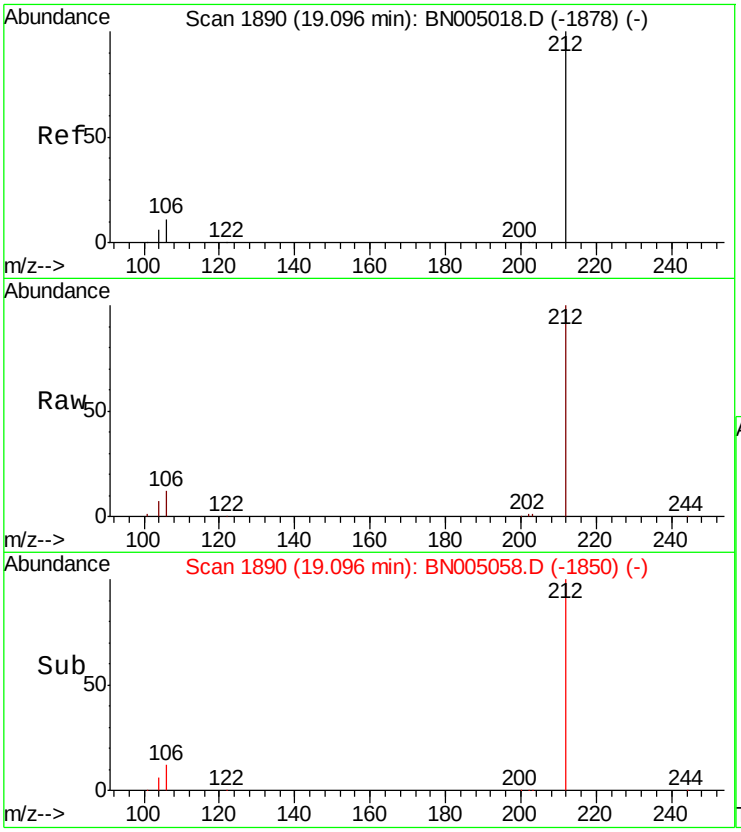


#24
Anthracene
Concen: 0.366 ng
RT: 17.20 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:178 Resp: 15660

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.3	18.5



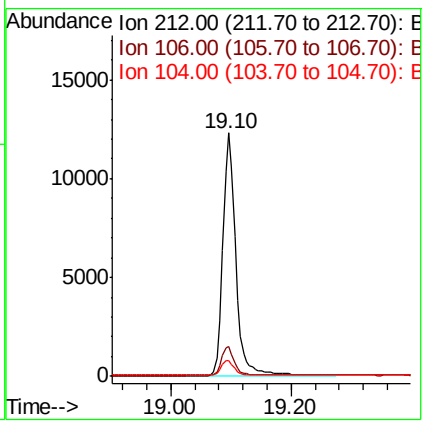


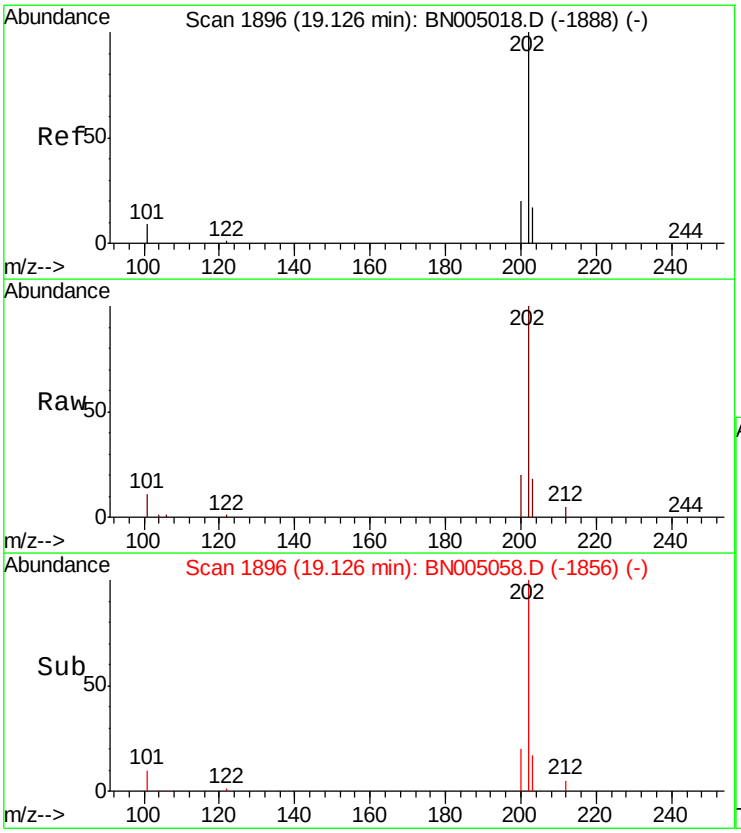
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:212 Resp: 18288

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.2
104	6.5	5.4	8.0

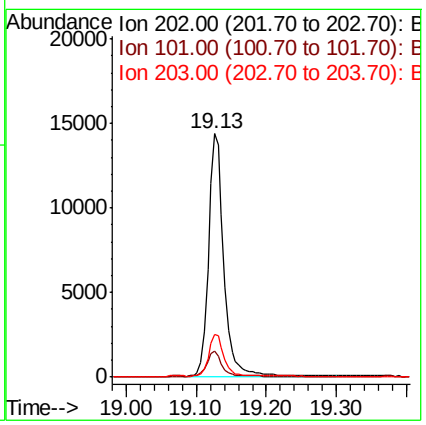


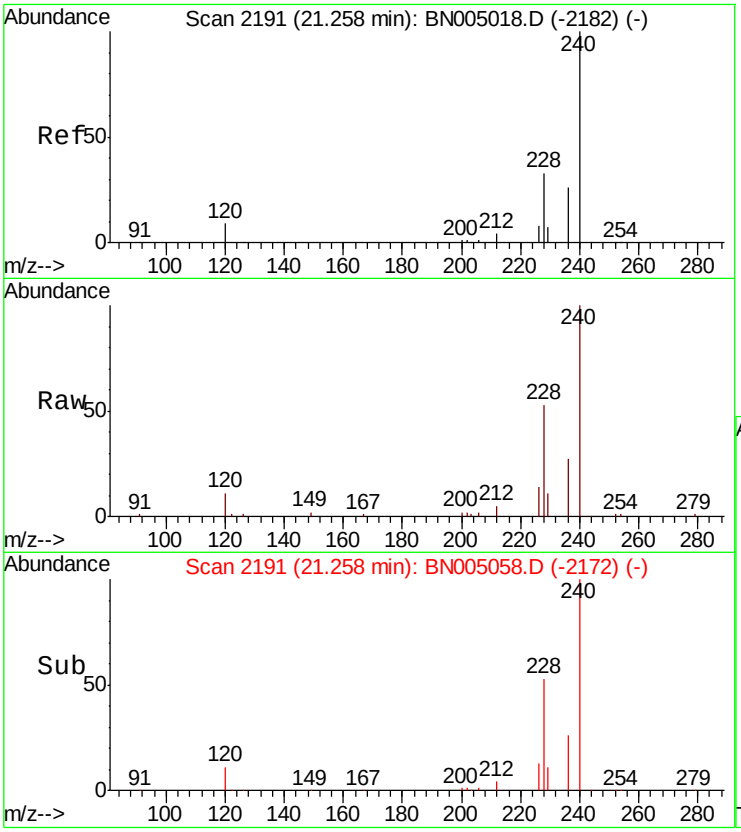


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:202 Resp: 21633

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.5	13.8	20.8



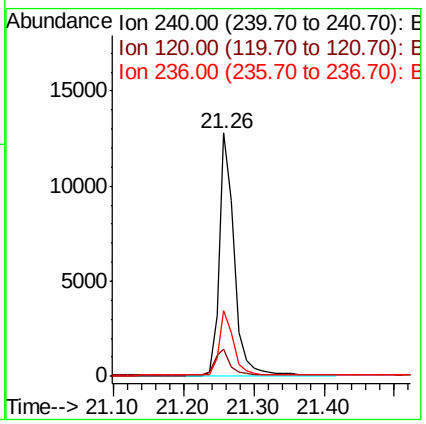


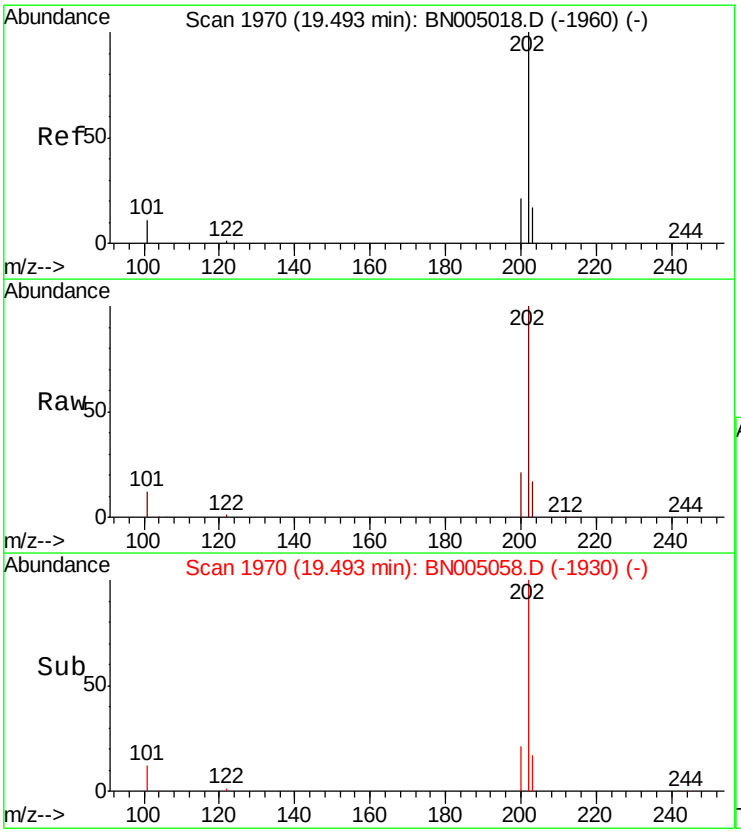
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:240 Resp: 18854

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.4	11.0#
236	26.8	21.0	31.6

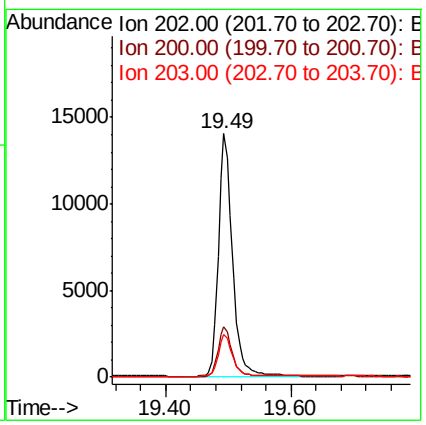


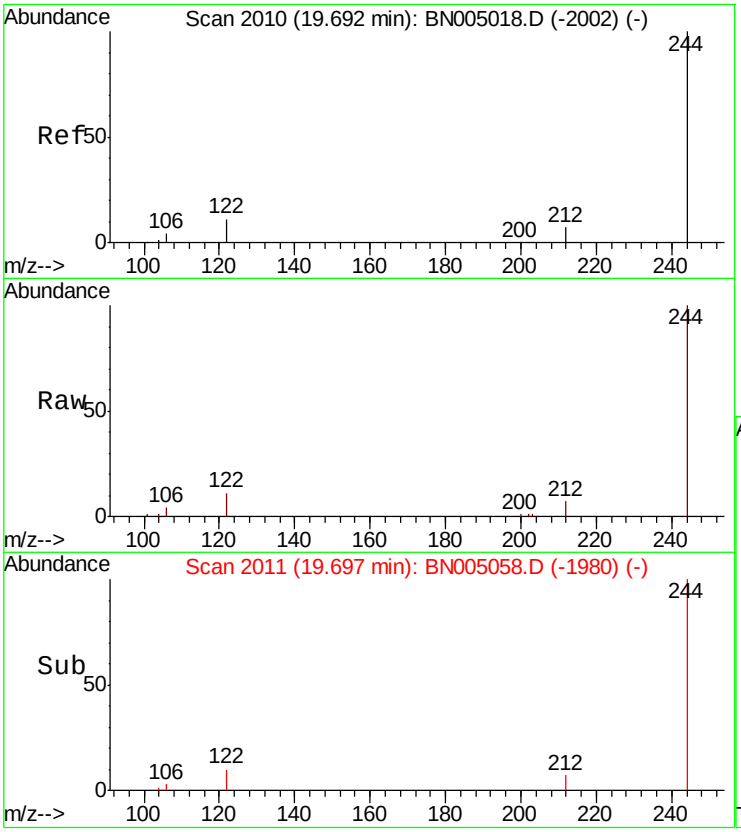


#28
Pyrene
Concen: 0.408 ng
RT: 19.49 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:202 Resp: 21872

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	13.9	20.9



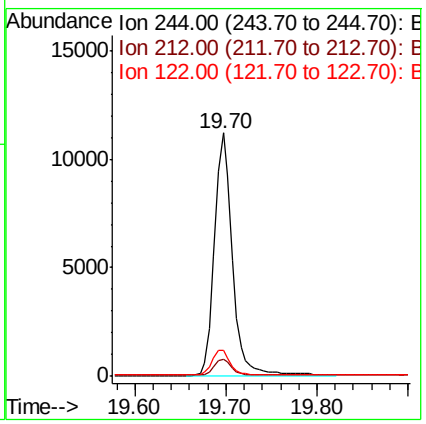


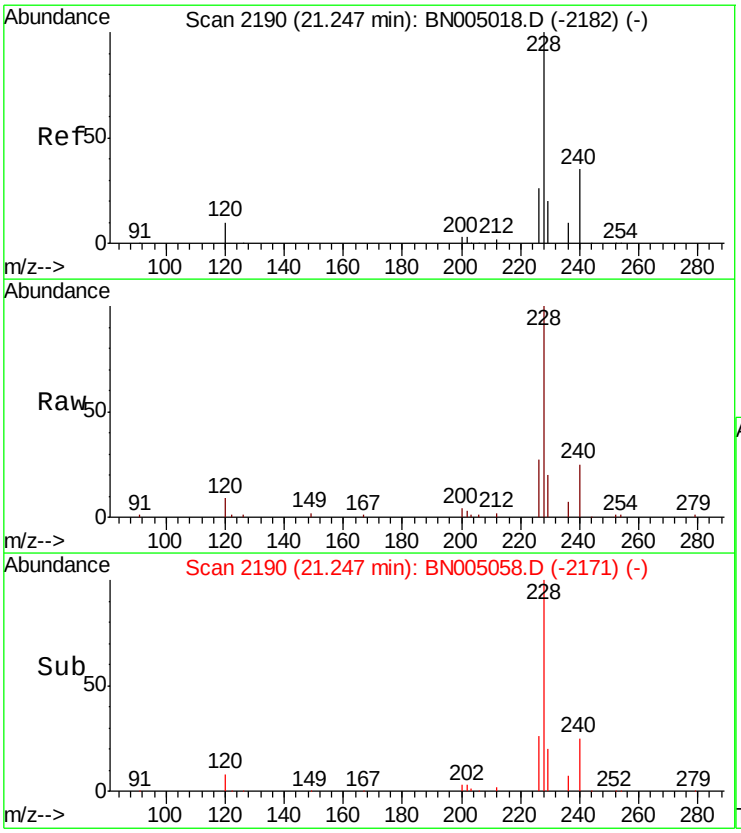
#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:244 Resp: 15024

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.6	9.0	13.4

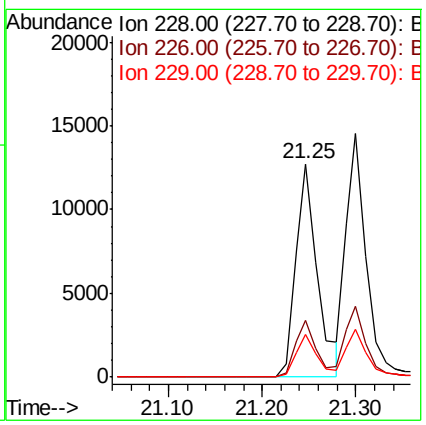


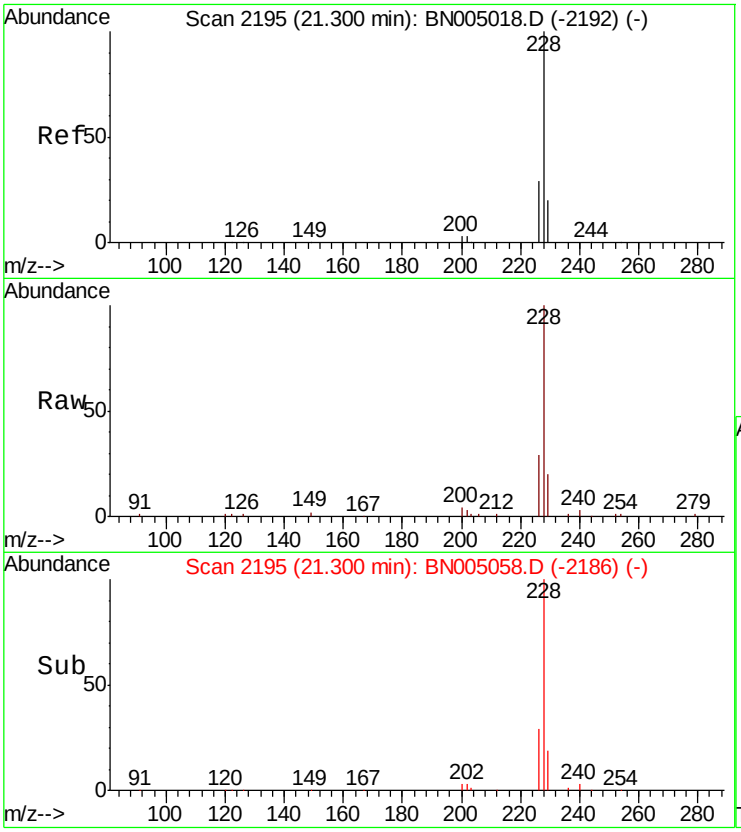


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:228 Resp: 20275

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.9	31.3
229	19.8	16.2	24.2



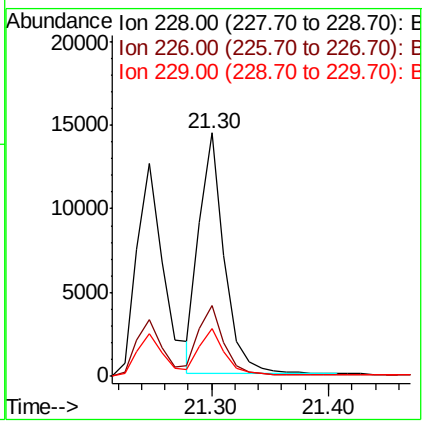


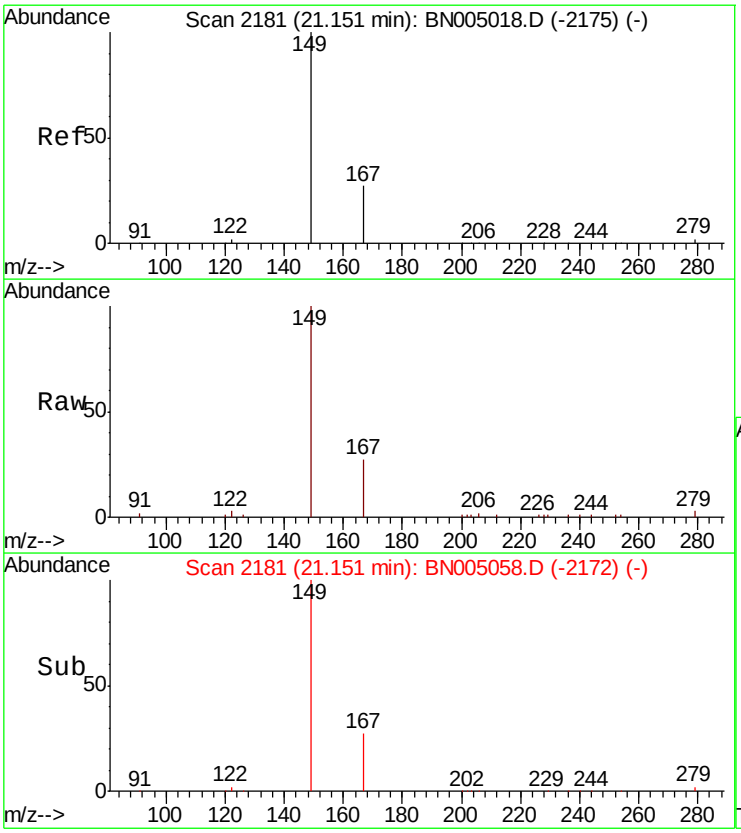
#31
Chrysene
Concen: 0.375 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:228 Resp: 21475

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	19.7	16.2	24.4

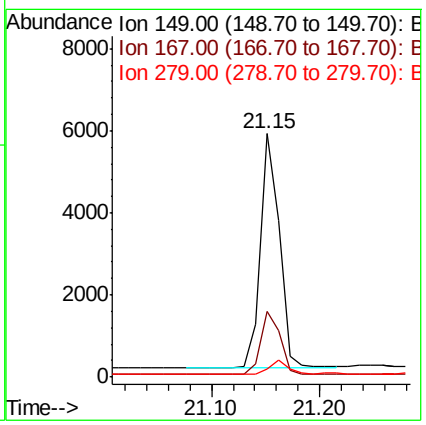


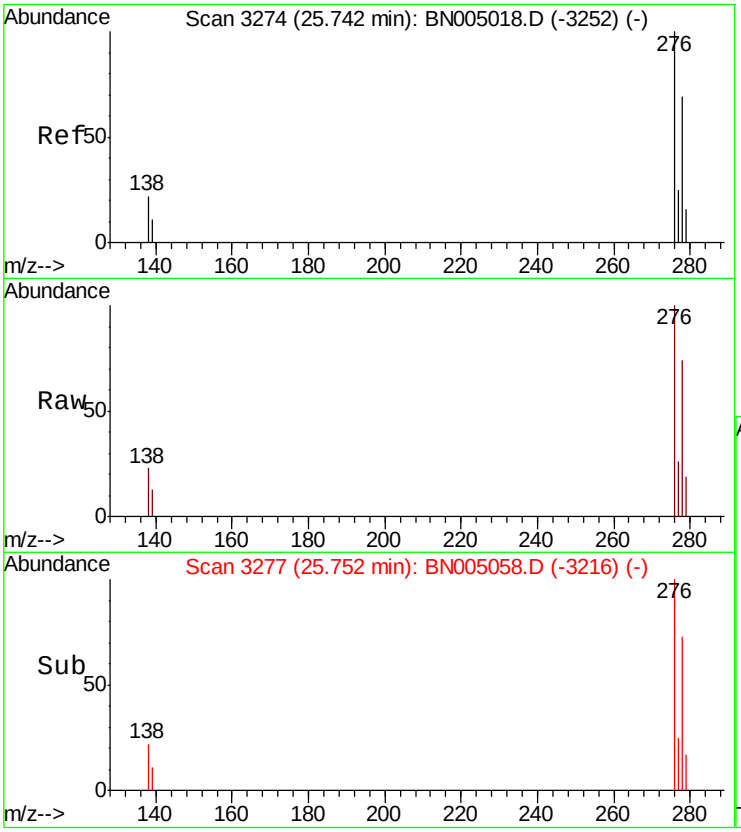


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.313 ng
RT: 21.15 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:149 Resp: 6958

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	5.4	4.2	6.4



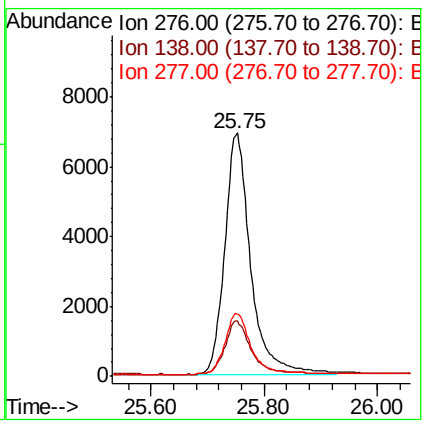


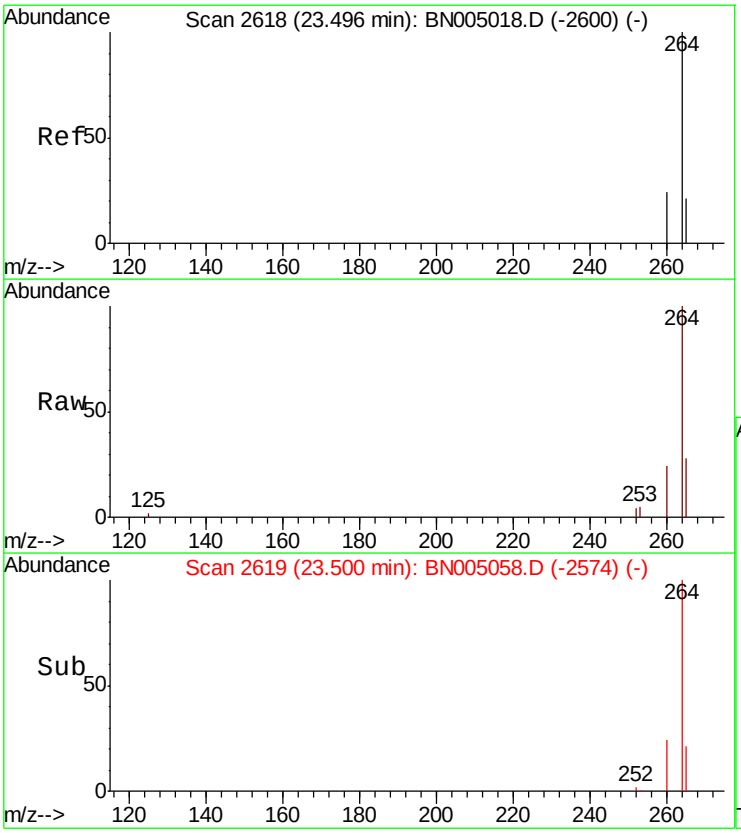
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng
RT: 25.75 min Scan# 3277
Delta R.T. 0.01 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:276 Resp: 22098

Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.2	27.2
277	25.4	20.3	30.5

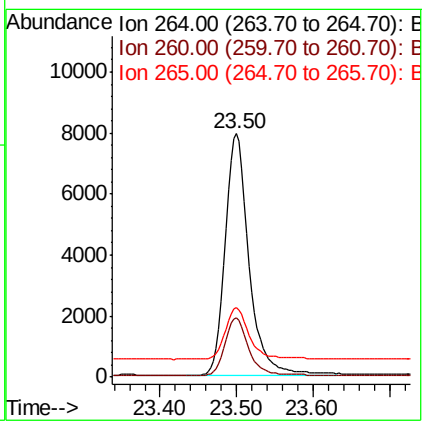


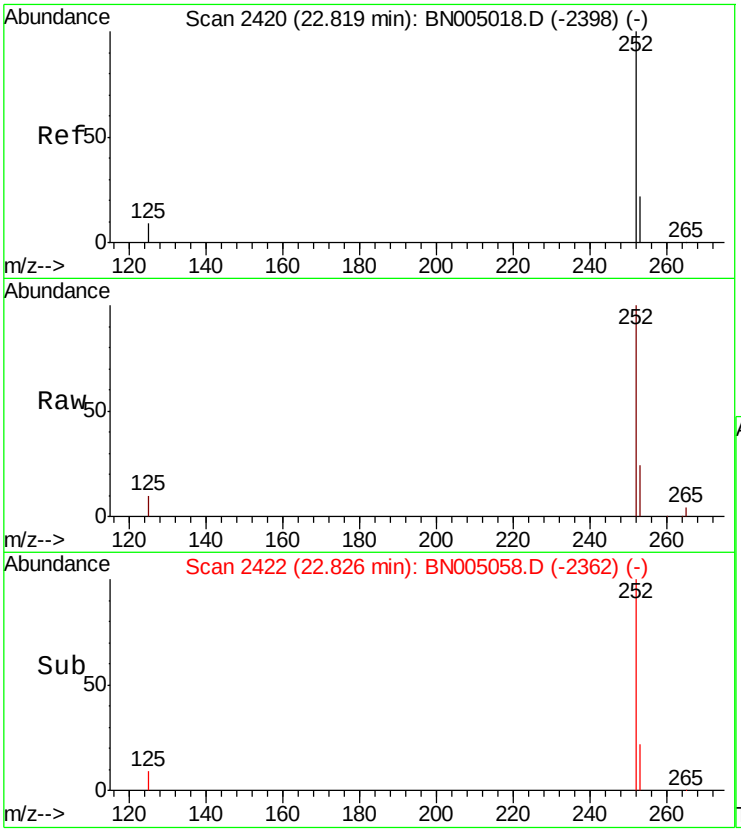


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:264 Resp: 17388

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	28.5	22.5	33.7



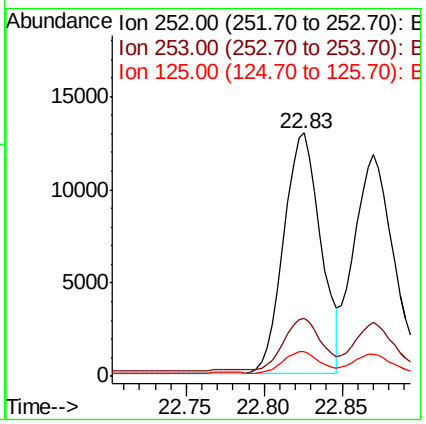


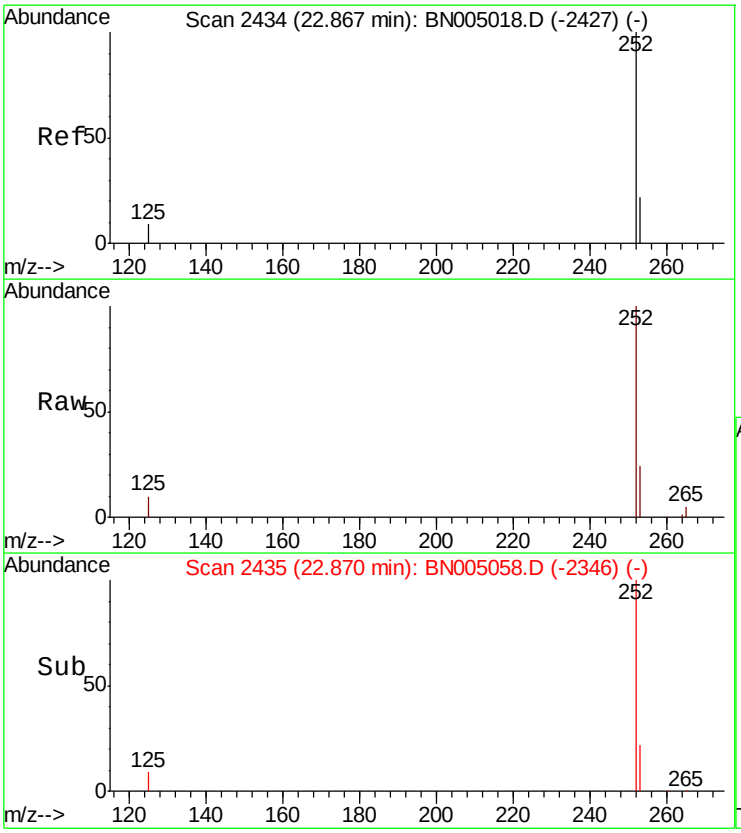
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 22.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:252 Resp: 21524

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	9.9	8.2	12.2

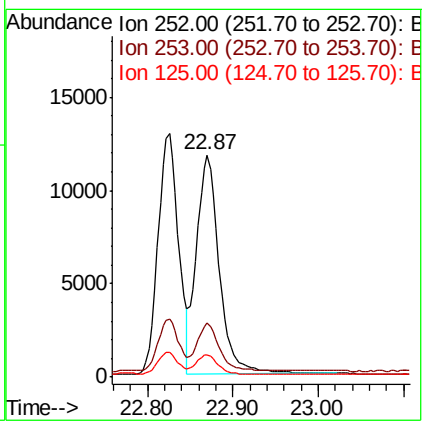


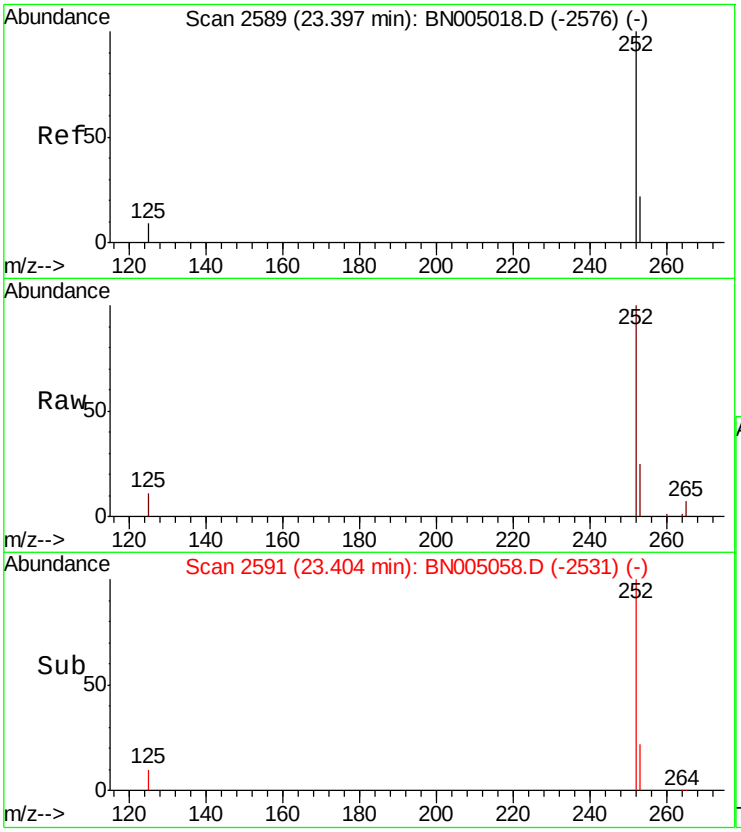


#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:252 Resp: 21809

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	10.0	8.2	12.2



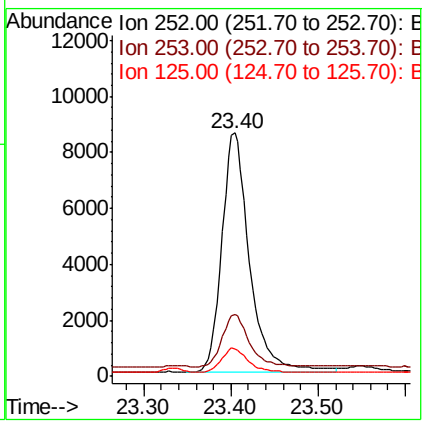


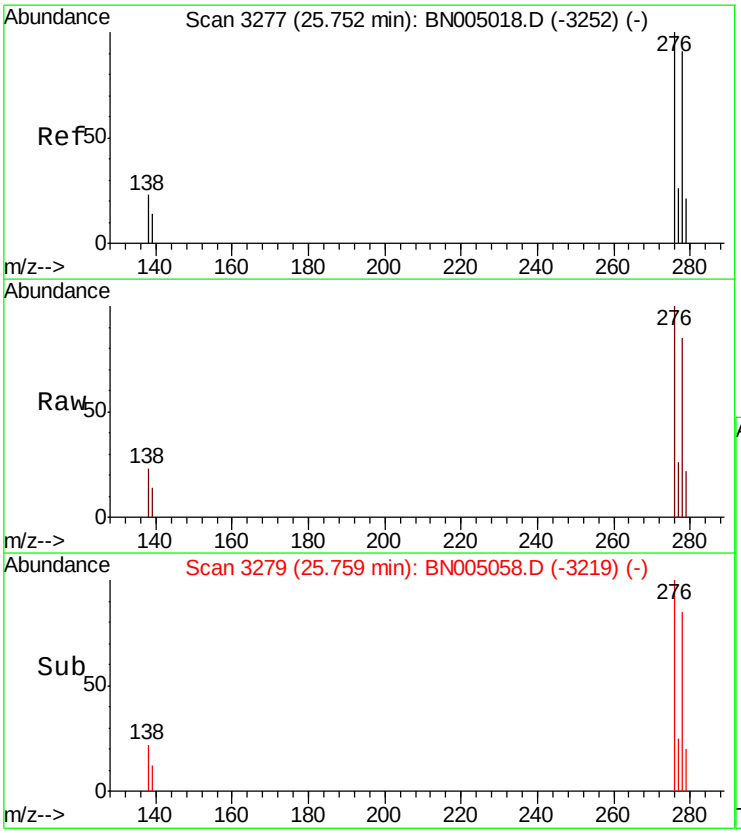
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.40 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:252 Resp: 18834

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.2	30.2
125	11.4	9.2	13.8

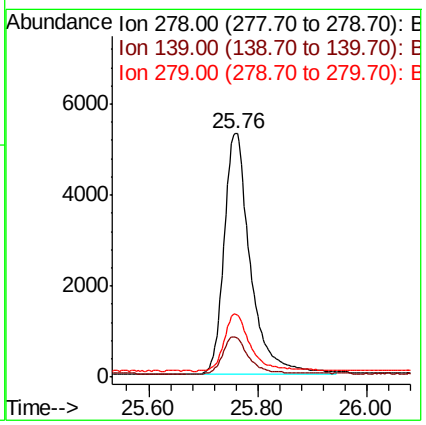


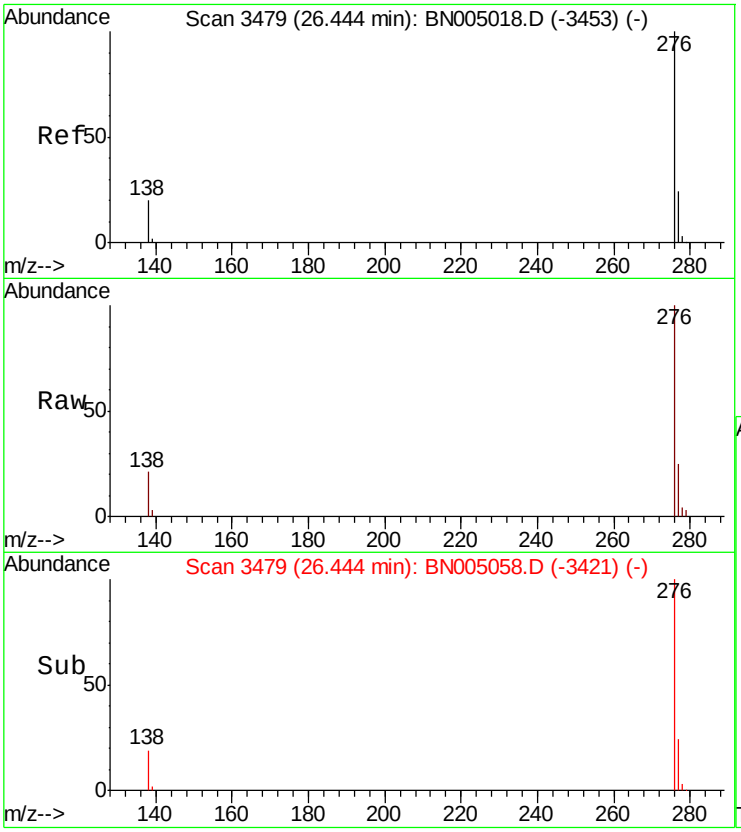


#38
Dibenzo(a,h)anthracene
Concen: 0.361 ng
RT: 25.76 min Scan# 3279
Delta R.T. 0.01 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Tgt Ion:278 Resp: 17907

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	26.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 26.44 min Scan# 3479
Delta R.T. 0.00 min
Lab File: BN005058.D
Acq: 02 Apr 2019 12:49

Instrument :
BNA_N
ClientSampleId :
PB118217BS

Tgt Ion:276 Resp: 18591

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	20.5	16.4	24.6