Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
Data File : BN005051.D
Acq On : 01 Apr 2019 16:52
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 02 01:37:01 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	2793	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	12296	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7221	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	17156	0.40	ng		0.00
27) Chrysene-d12	21.26	240	18335	0.40	ng		0.00
34) Perylene-d12	23.50	264	17293	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2828	0.41	ng		0.00
5) Phenol-d6	6.85	99	3380	0.41	ng		0.00
8) Nitrobenzene-d5	8.83	82	2738	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	8187	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1480	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.92	172	11904	0.44	ng		0.00
25) Fluoranthene-d10	19.10	212	20020	0.41	ng		0.00
29) Terphenyl-d14	19.70	244	16558	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1204	0.401	ng		97
3) n-Nitrosodimethylamine	3.54	42	581	0.317	ng	#	92
6) bis(2-Chloroethyl)ether	7.10	93	3103	0.398	ng		97
9) Naphthalene	10.49	128	13371	0.433	ng		100
10) Hexachlorobutadiene	10.76	225	2534	0.442	ng	#	100
12) 2-Methylnaphthalene	12.11	142	9478	0.425	ng		98
16) Acenaphthylene	14.02	152	13819	0.405	ng		100
17) Acenaphthene	14.37	154	9337	0.431	ng		99
18) Fluorene	15.36	166	12459	0.429	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	4100	0.417	ng		97
21) Hexachlorobenzene	16.36	284	4825	0.445	ng		98
22) Pentachlorophenol	16.74	266	506	0.317	ng		92
23) Phenanthrene	17.10	178	20282	0.422	ng		100
24) Anthracene	17.20	178	17246	0.403	ng		100
26) Fluoranthene	19.13	202	23747	0.404	ng		100
28) Pyrene	19.49	202	24150	0.464	ng		100
30) Benzo(a)anthracene	21.25	228	22003	0.426	ng		100
31) Chrysene	21.30	228	23456	0.421	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	7816	0.361	ng		99
33) Indeno(1,2,3-cd)pyrene	25.75	276	24976	0.399	ng		100
35) Benzo(b)fluoranthene	22.83	252	23742	0.428	ng		99
36) Benzo(k)fluoranthene	22.87	252	23525	0.439	ng		99
37) Benzo(a)pyrene	23.40	252	21173	0.430	ng		99
38) Dibenzo(a,h)anthracene	25.76	278	20271	0.411	ng		100
39) Benzo(g,h,i)perylene	26.45	276	20651	0.416	ng		99

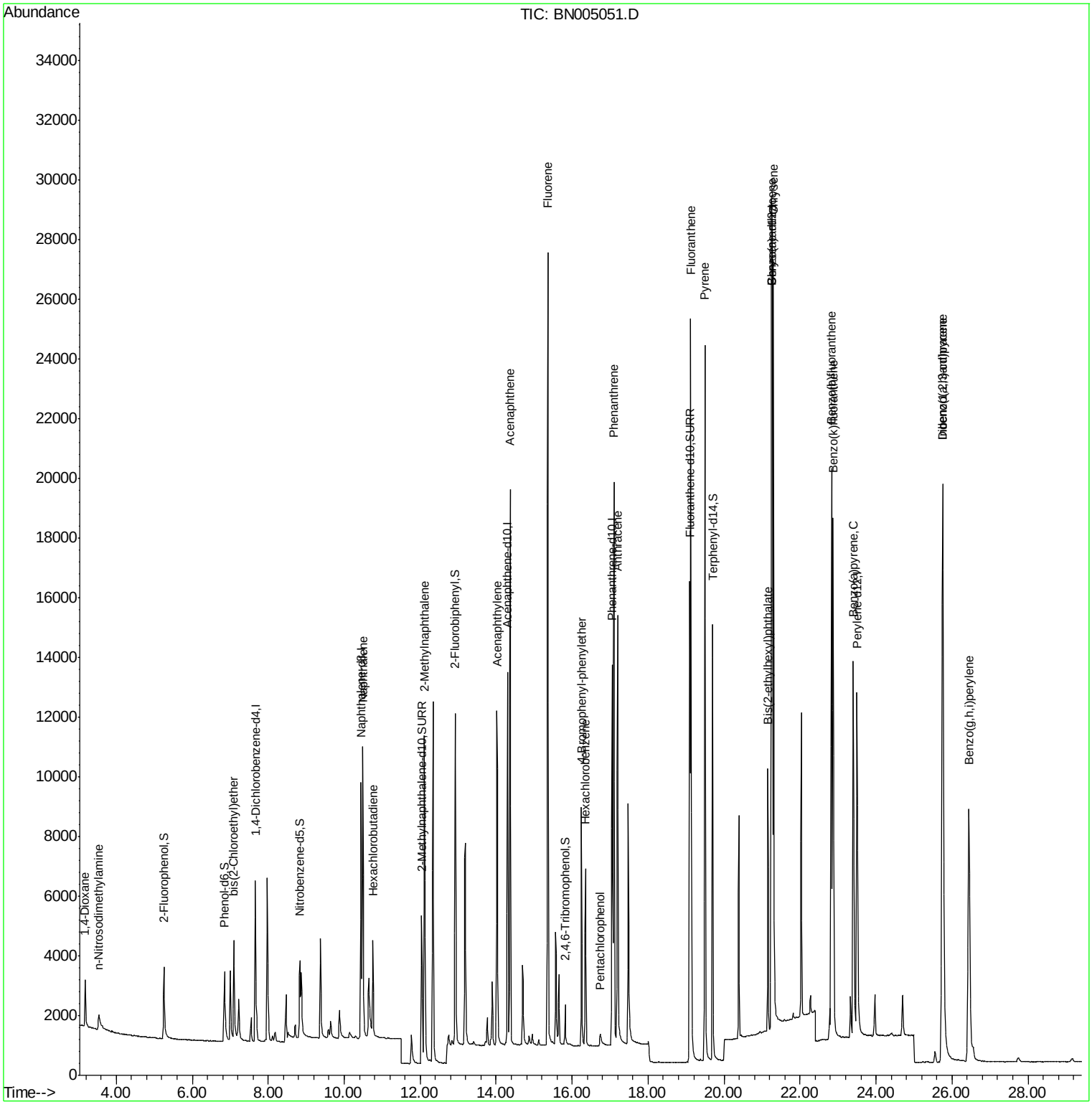
(#) = qualifier out of range (m) = manual integration (+) = signals summed

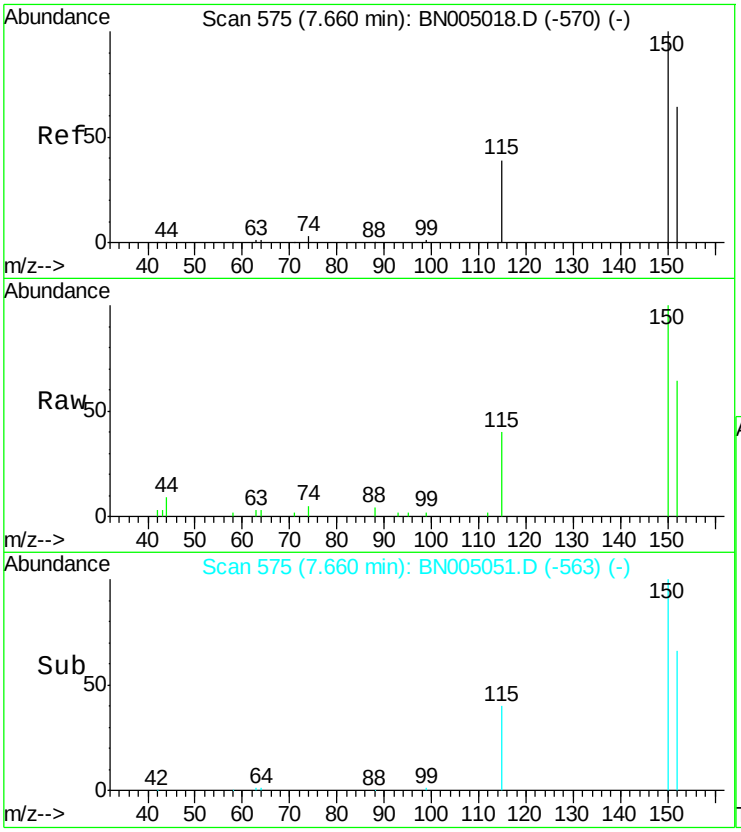
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040119\
Data File : BN005051.D
Acq On : 01 Apr 2019 16:52
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 02 01:37:01 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



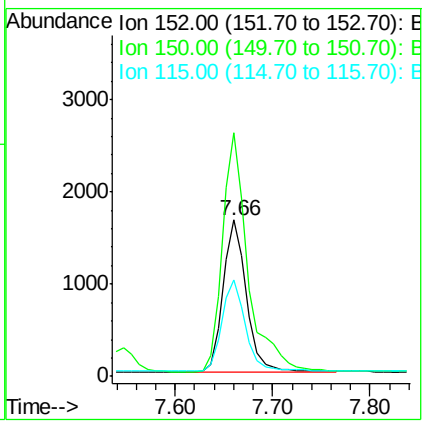


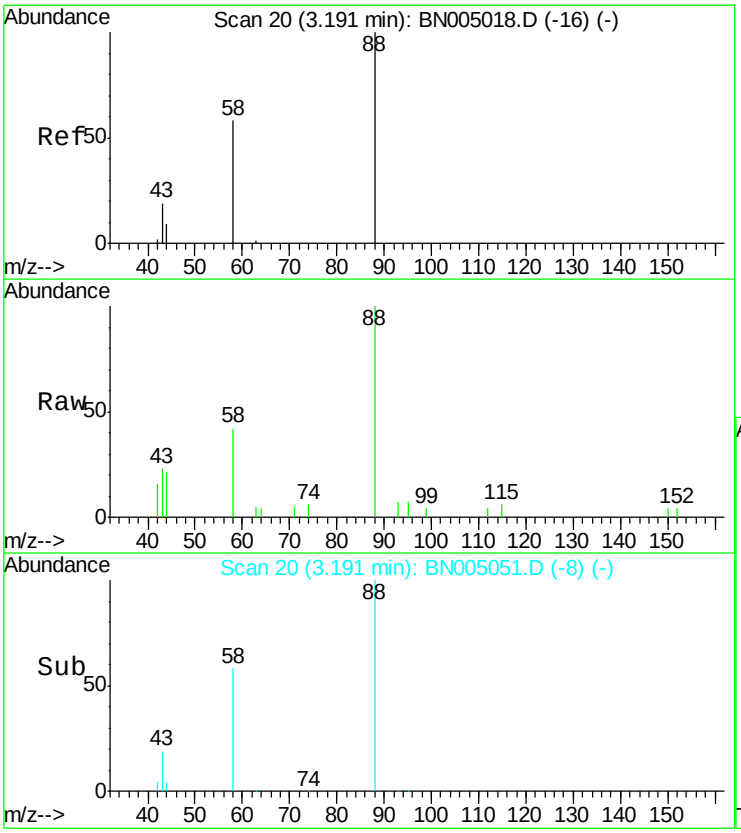
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2793

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.4	185.2
115	62.0	50.0	75.0

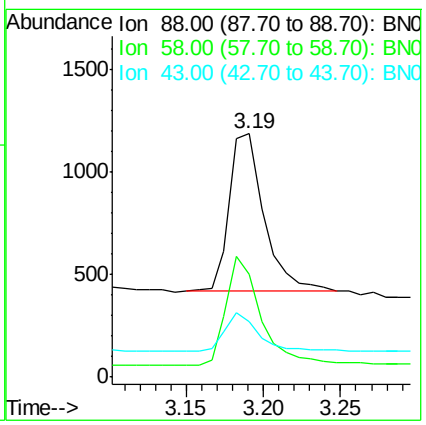


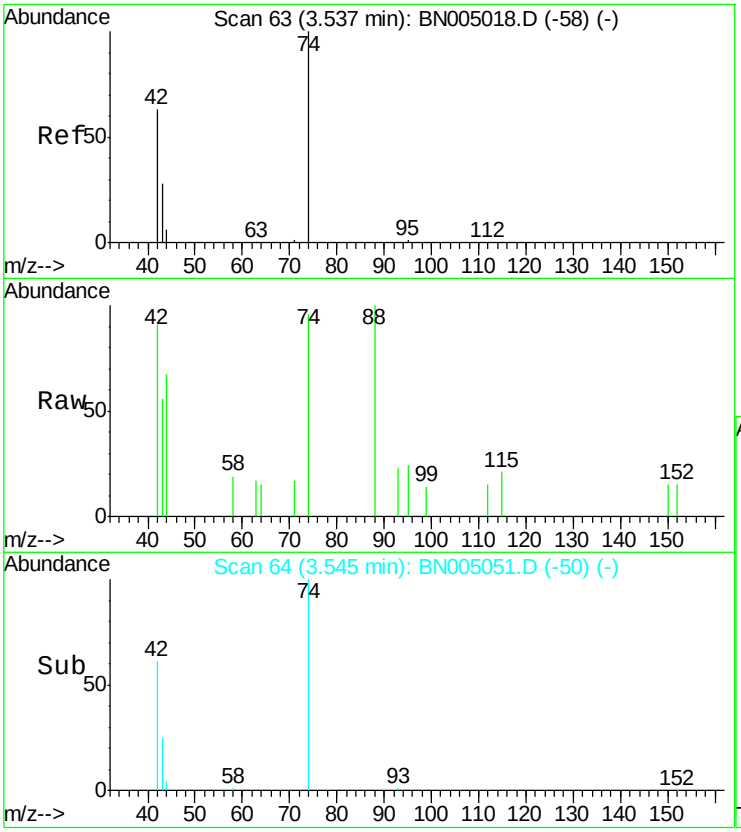


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.19 min Scan# 20
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion: 88 Resp: 1204

Ion	Ratio	Lower	Upper
88	100		
58	68.2	52.8	79.2
43	22.8	19.6	29.4



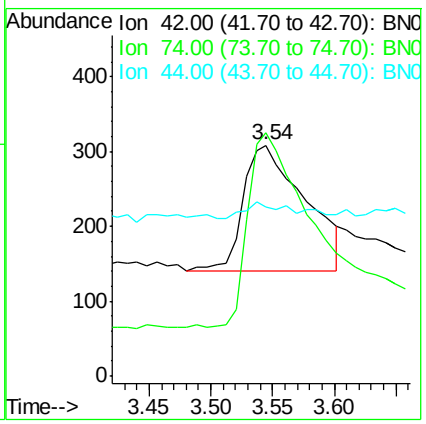


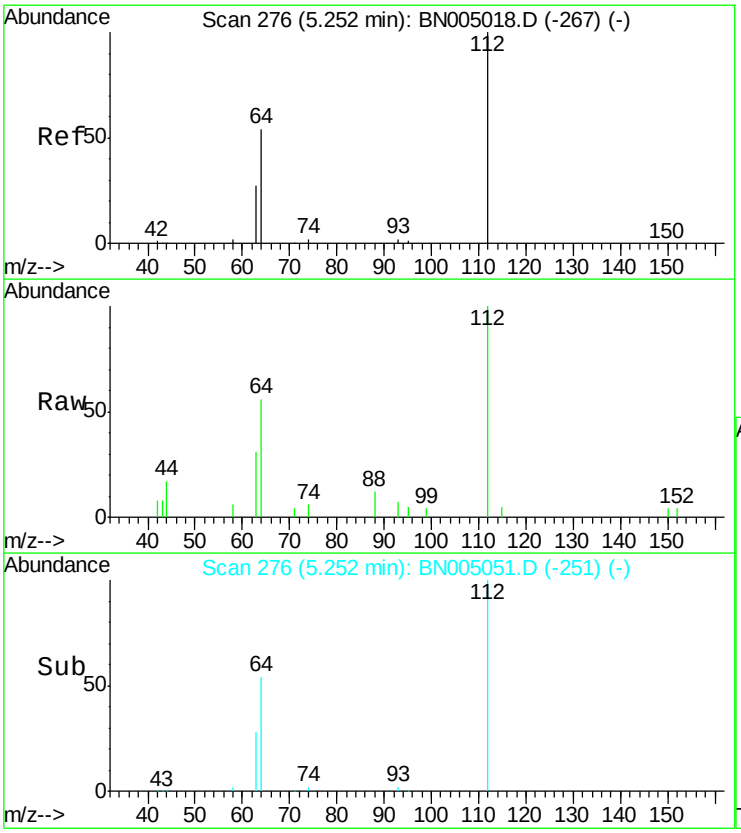
#3
n-Nitrosodimethylamine
Concen: 0.317 ng
RT: 3.54 min Scan# 64
Delta R.T. 0.01 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 581

Ion	Ratio	Lower	Upper
42	100		
74	150.3	129.1	193.7
44	10.7	11.6	17.4#

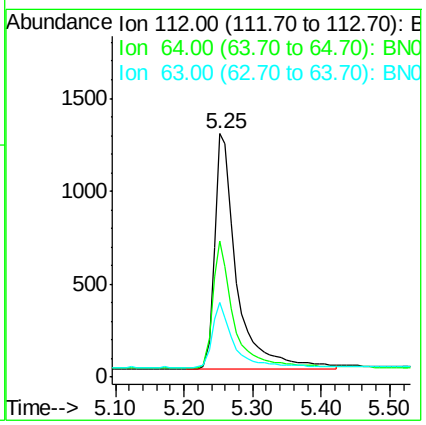


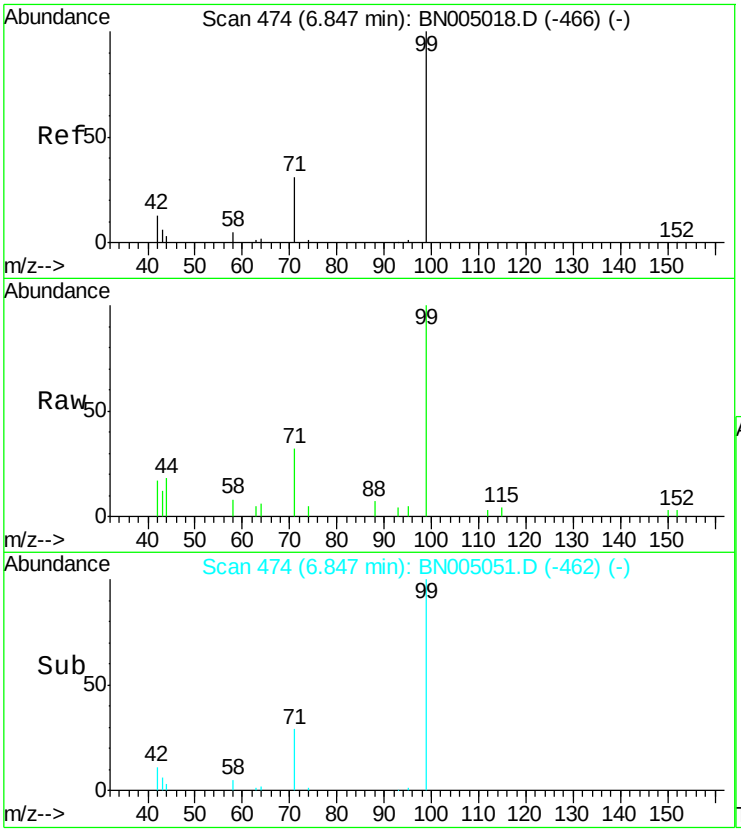


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:112 Resp: 2828

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.9	62.9
63	26.8	21.5	32.3



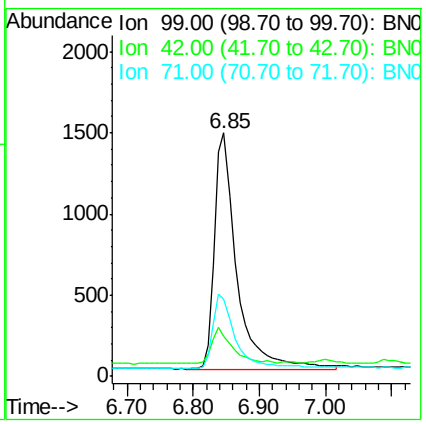


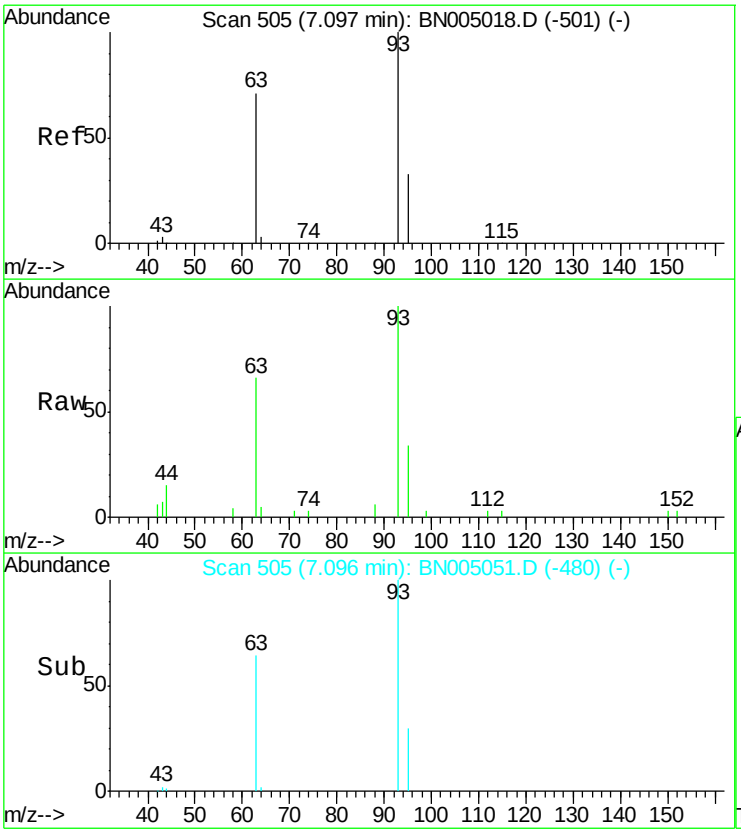
#5
Phenol-d6
Concen: 0.409 ng
RT: 6.85 min Scan# 474
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3380

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	31.7	26.1	39.1

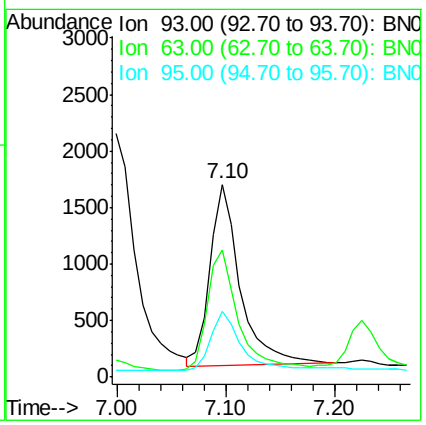


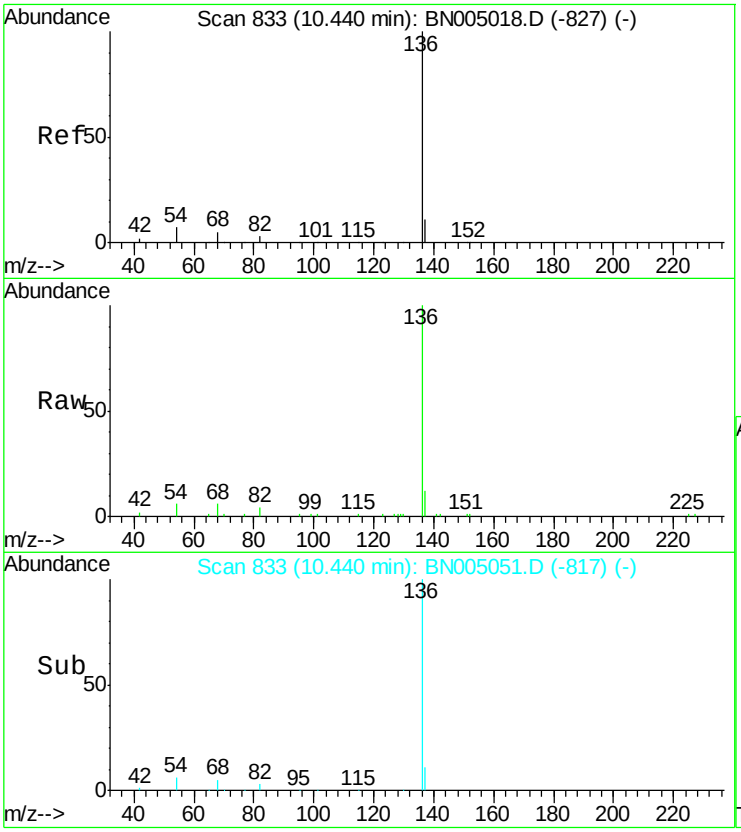


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.10 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion: 93 Resp: 3103

Ion	Ratio	Lower	Upper
93	100		
63	67.8	51.8	77.6
95	32.4	24.8	37.2



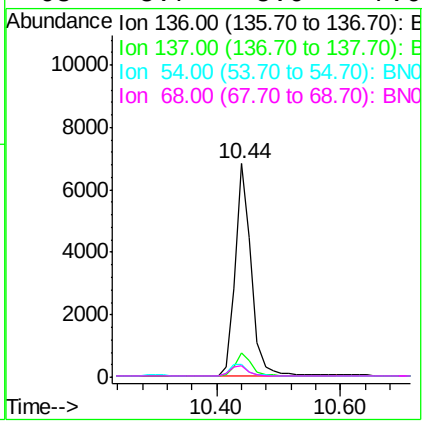


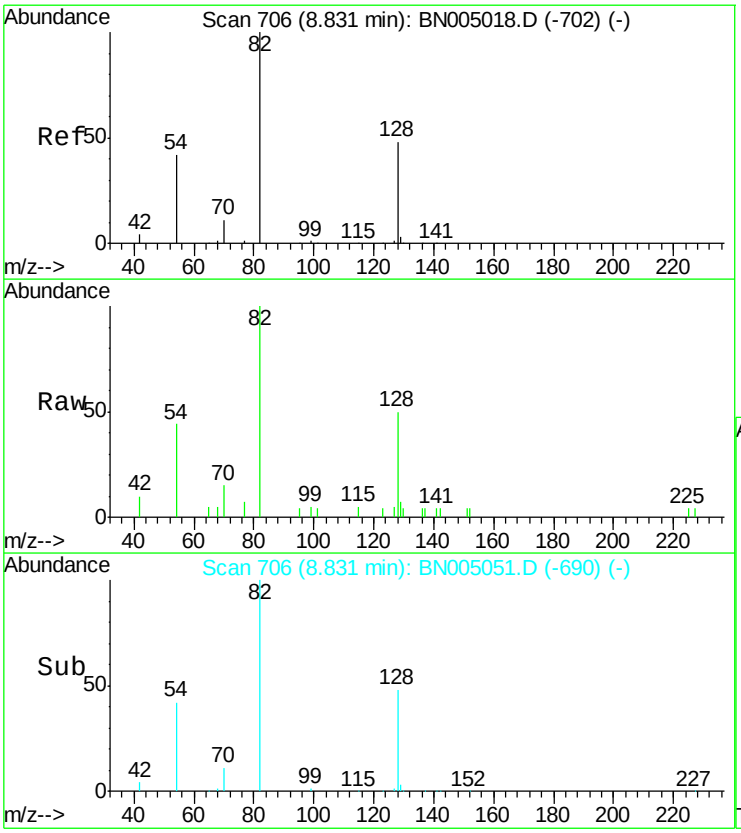
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 12296

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.3	6.0	9.0
68	5.7	5.0	7.6

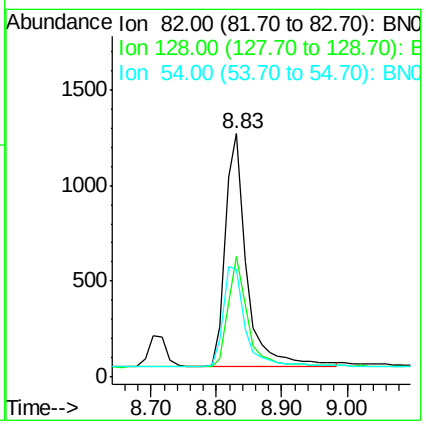


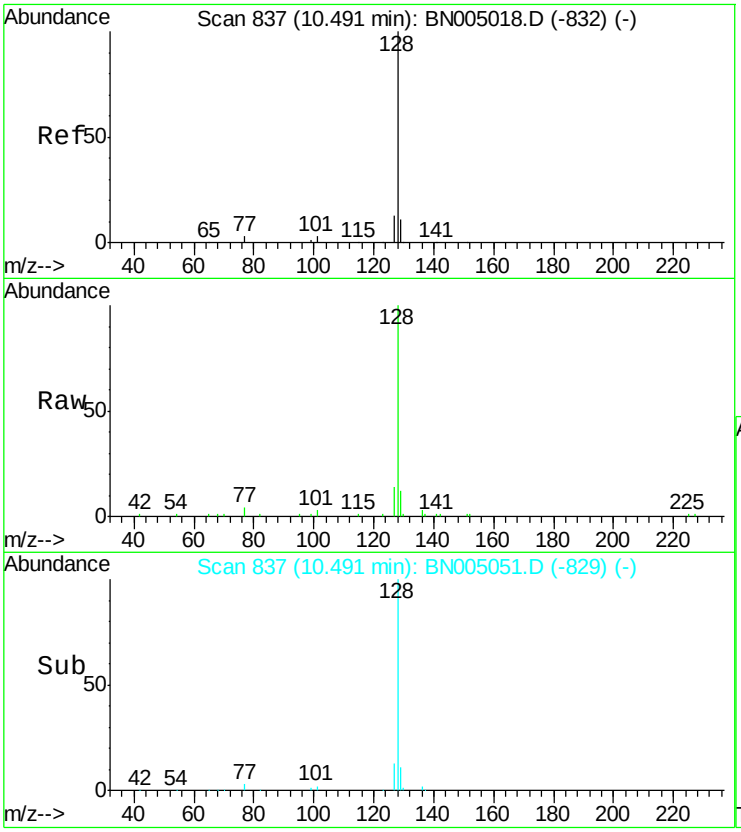


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.83 min Scan# 706
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion: 82 Resp: 2738

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.5	60.7
54	44.1	35.7	53.5



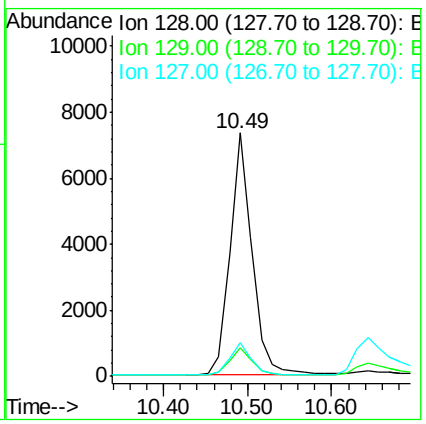


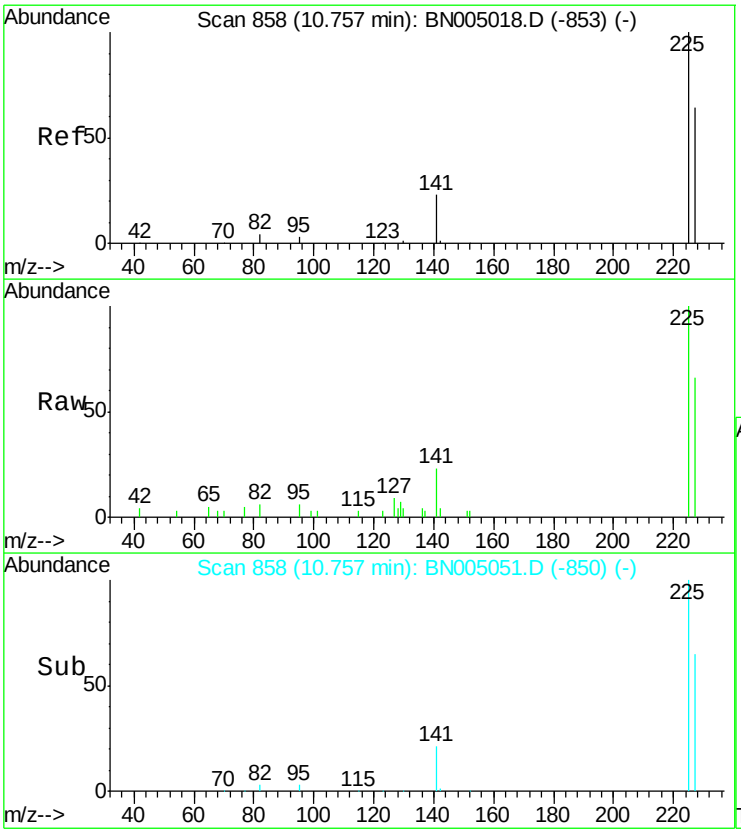
#9
Naphthalene
Concen: 0.433 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 13371

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.7	11.0	16.6

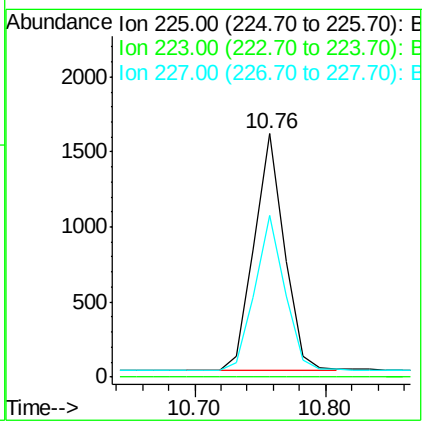


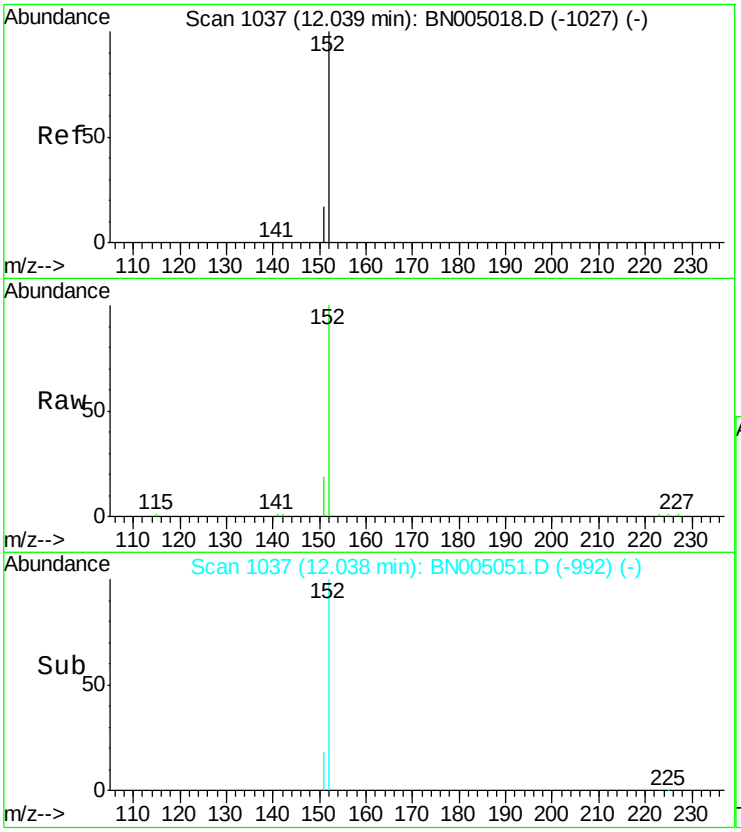


#10
Hexachlorobutadiene
Concen: 0.442 ng
RT: 10.76 min Scan# 858
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:225 Resp: 2534

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



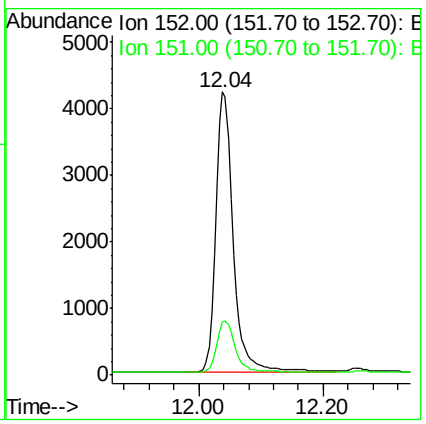


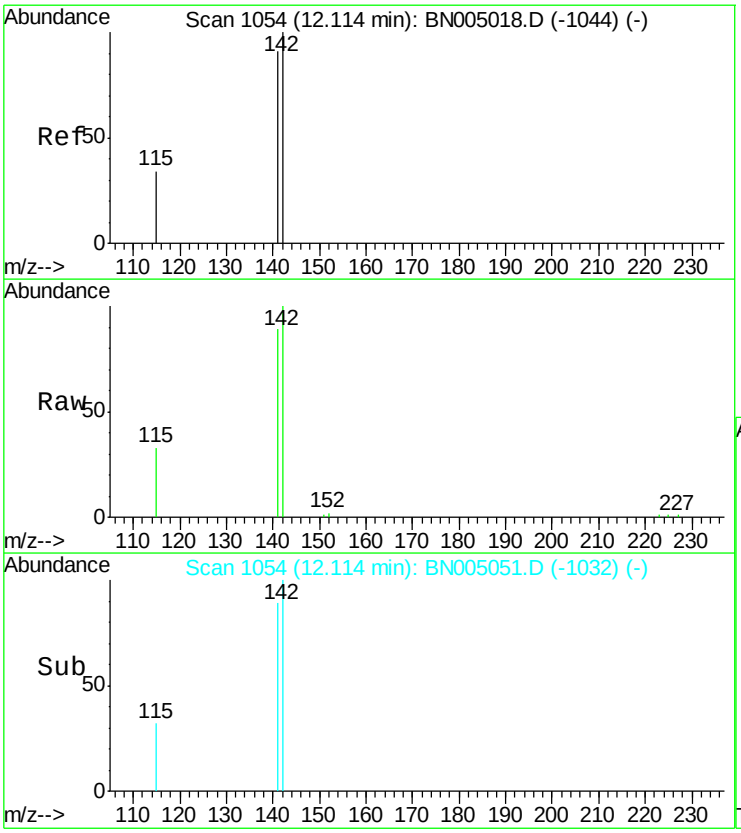
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.04 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8187

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

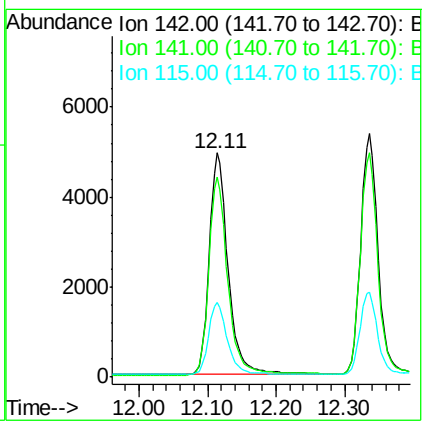


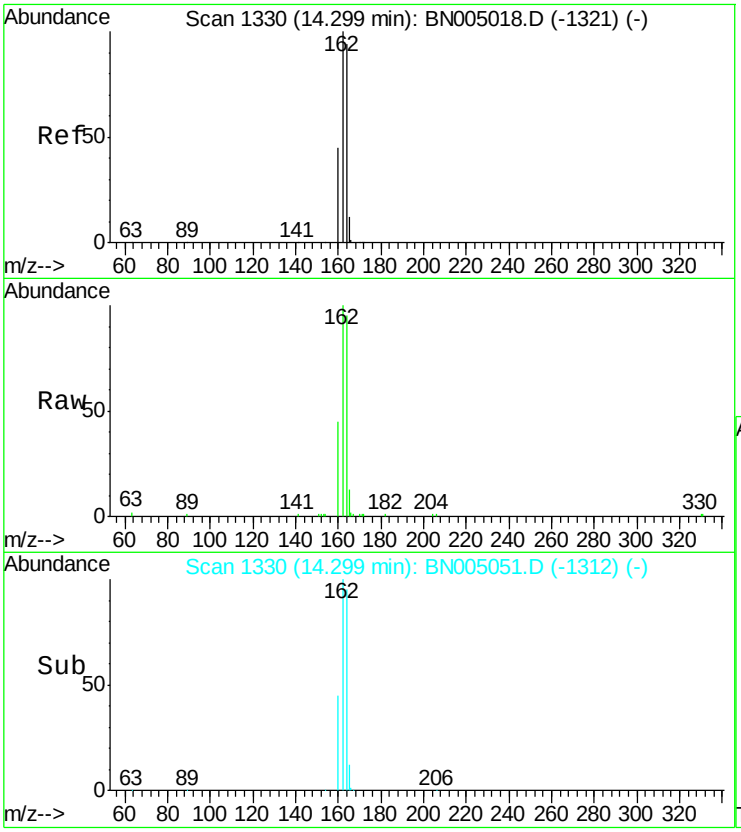


#12
2-Methylnaphthalene
Concen: 0.425 ng
RT: 12.11 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:142 Resp: 9478

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8
115	33.3	27.8	41.8



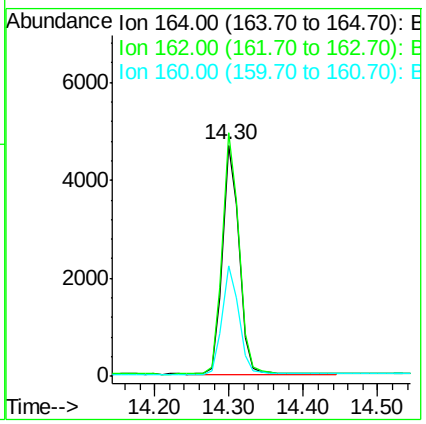


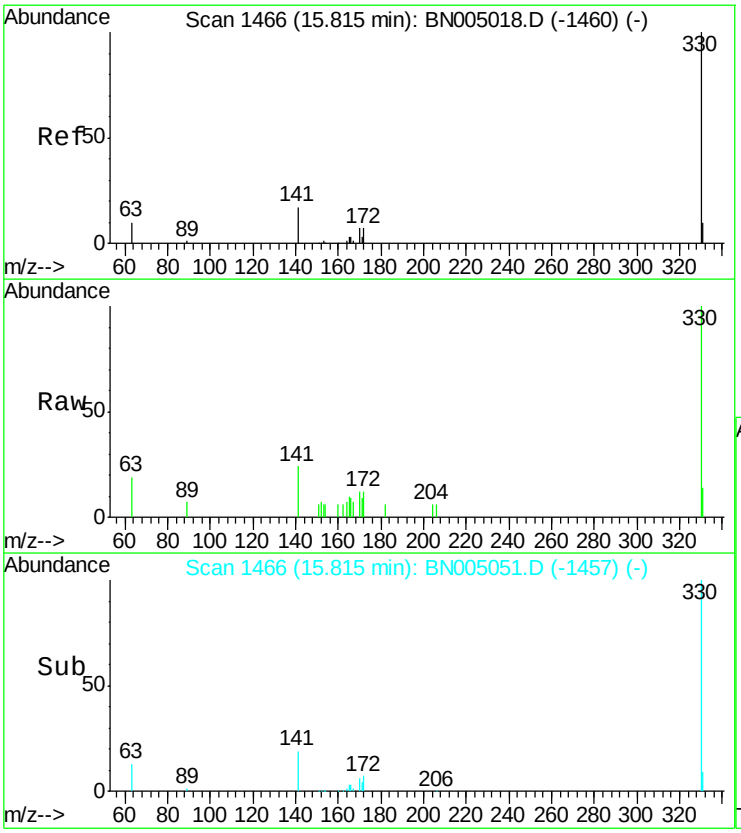
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7221

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.3	127.9
160	47.7	39.2	58.8

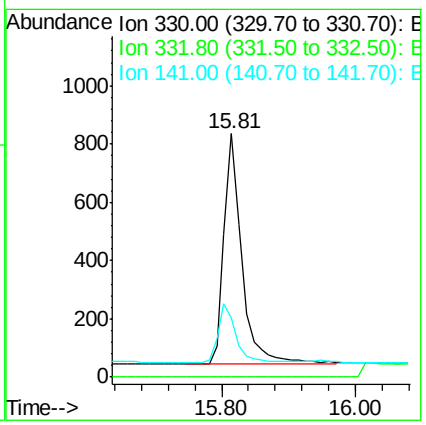


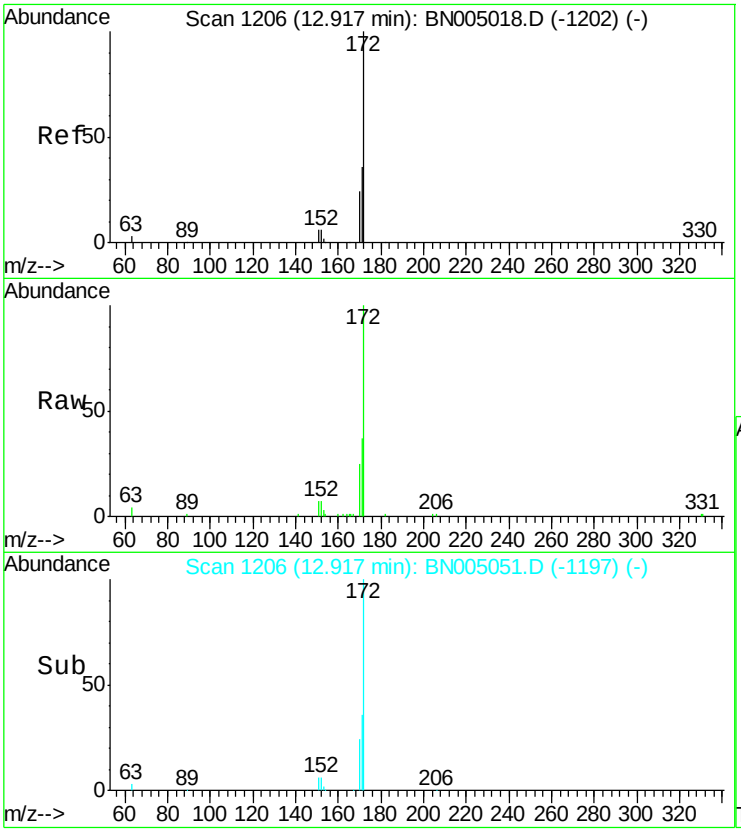


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.81 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:330 Resp: 1480

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.5	21.3	31.9



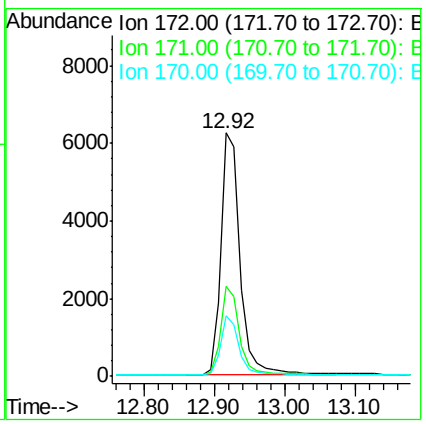


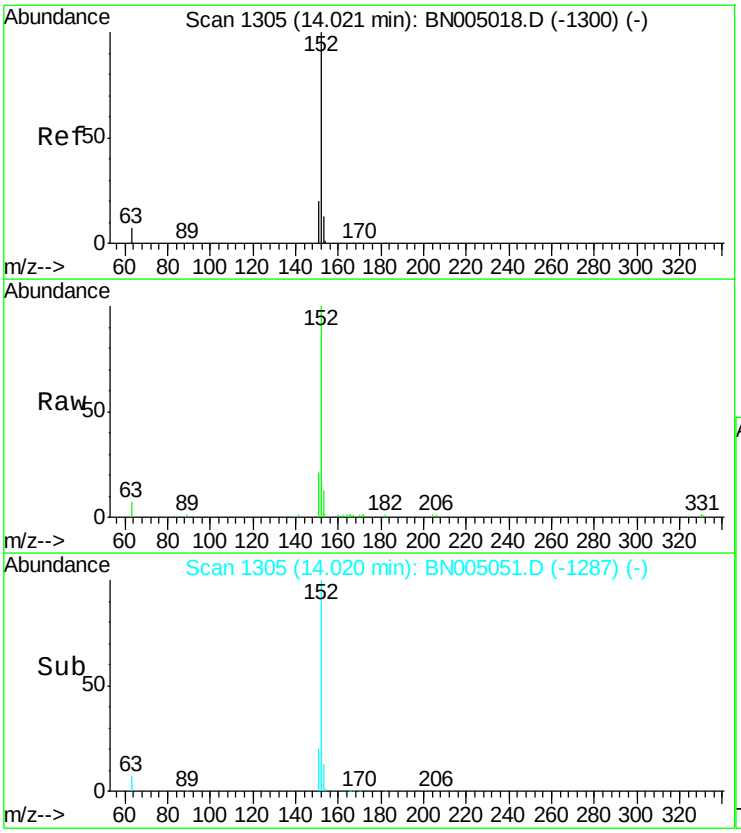
#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 11904

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.8	20.0	30.0

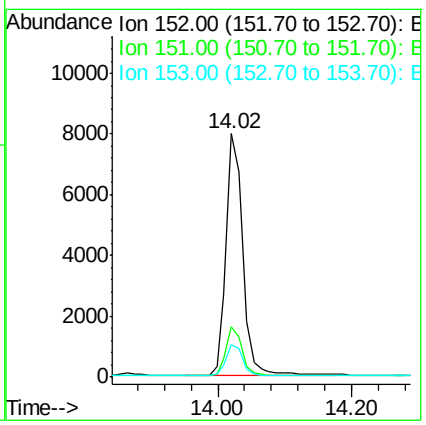


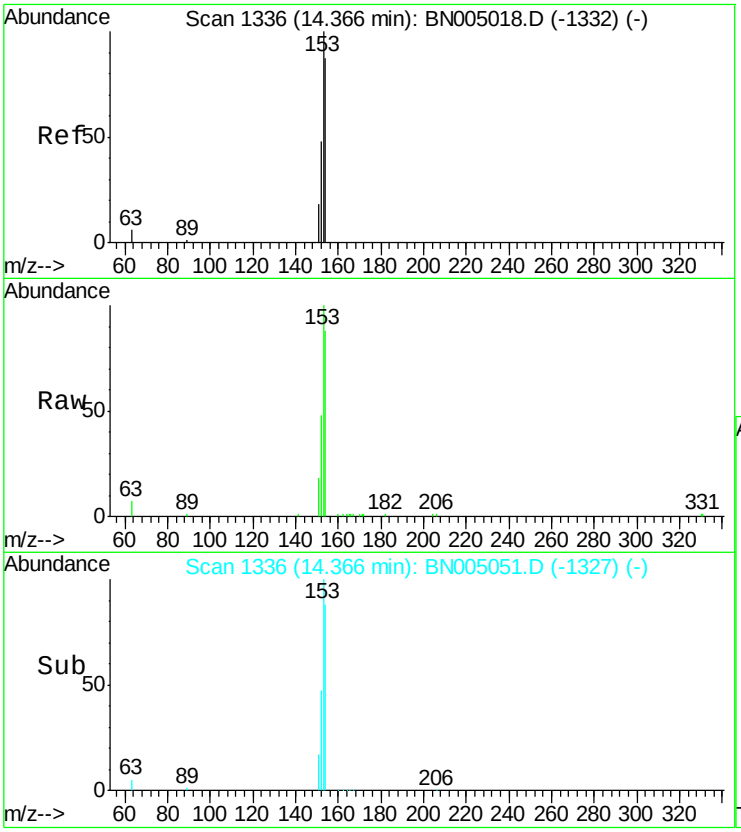


#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:152 Resp: 13819

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.0	10.6	15.8



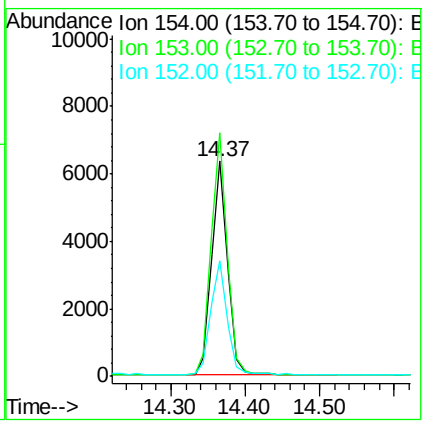


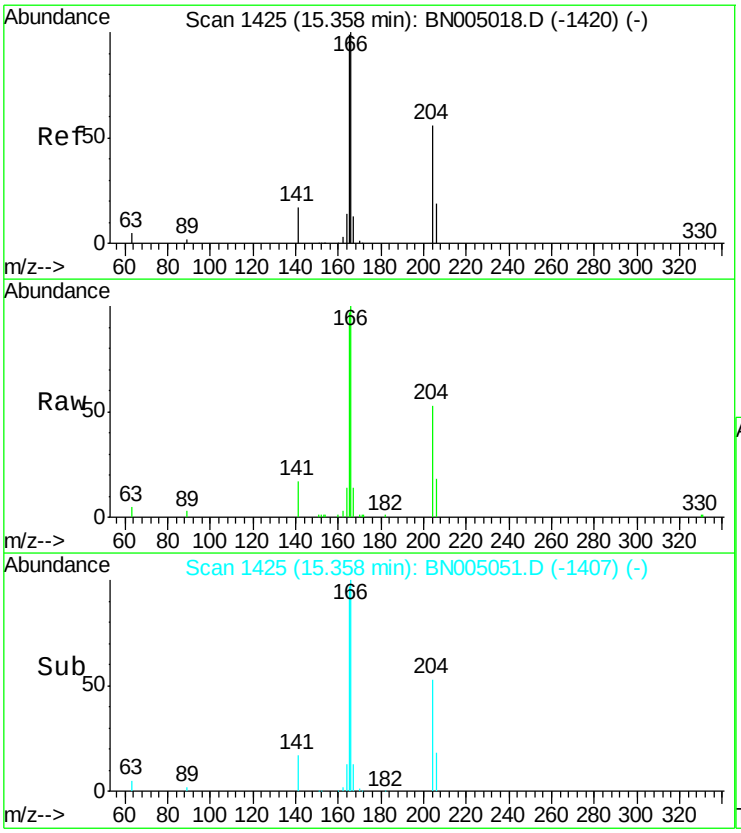
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9337

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.1	138.1
152	54.4	44.2	66.2

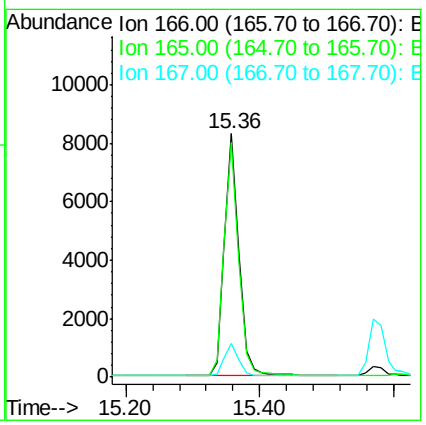


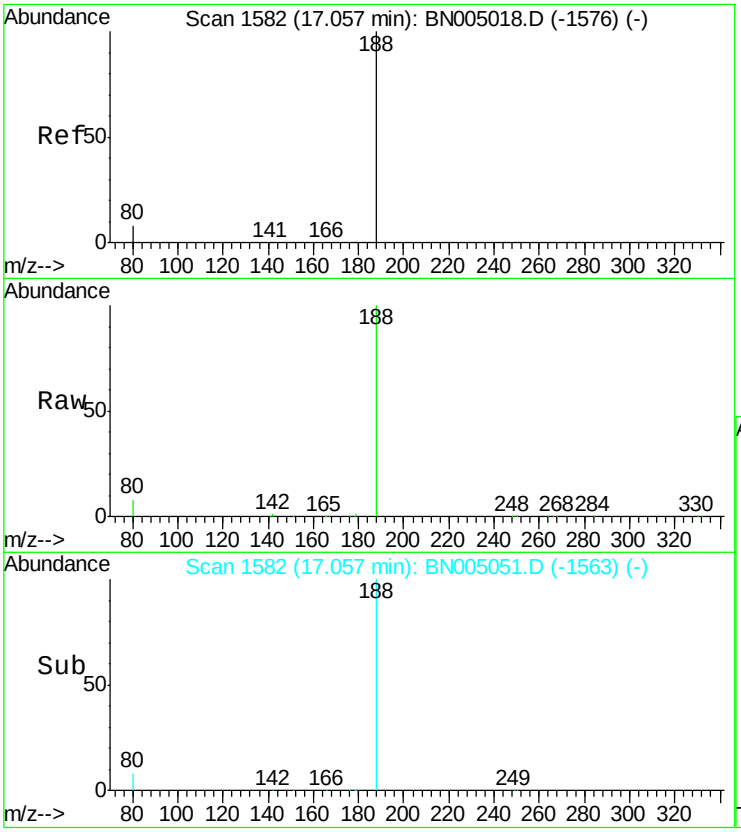


#18
Fluorene
Concen: 0.429 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:166 Resp: 12459

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.7	118.1
167	13.4	10.9	16.3



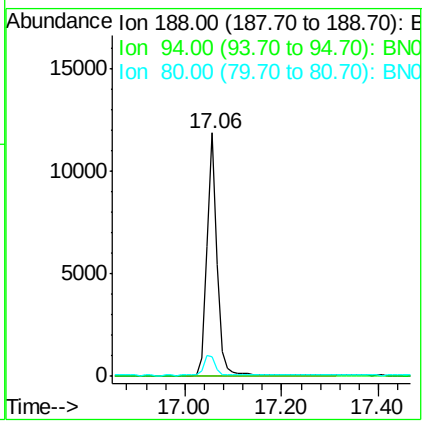


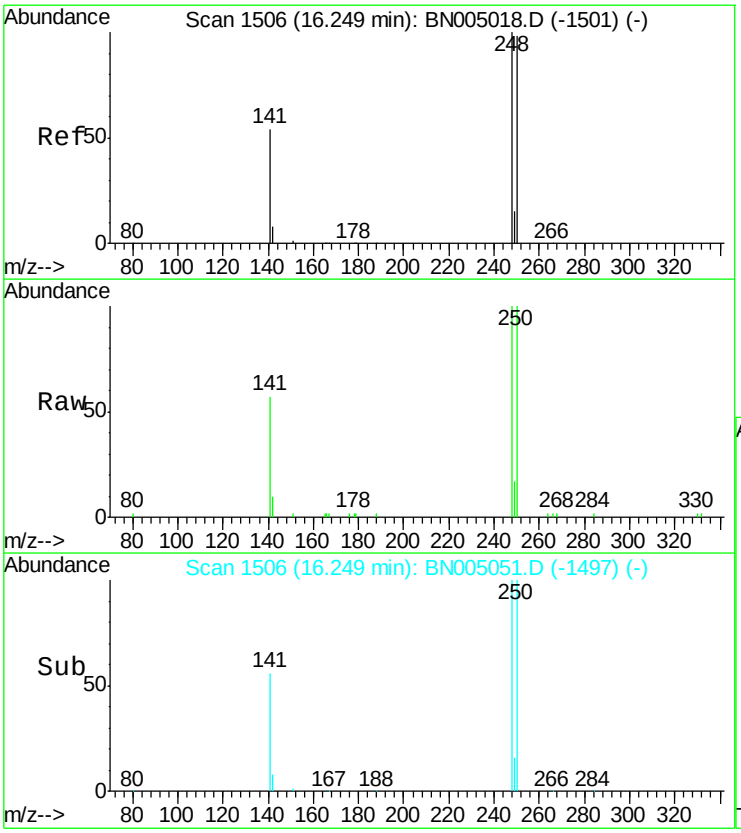
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 17156

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.9	10.3

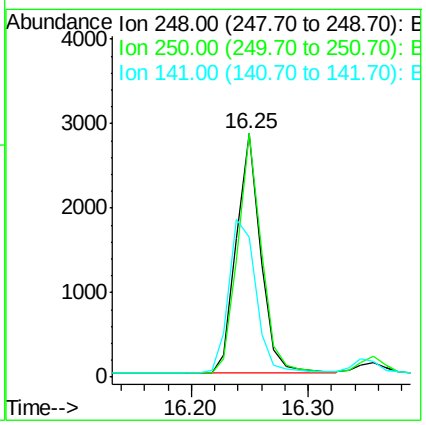


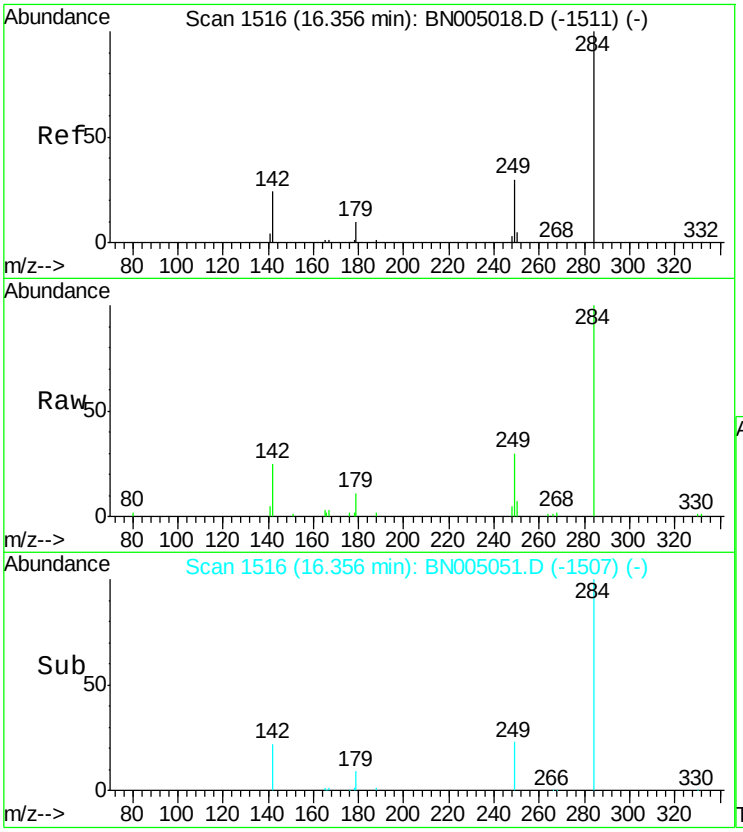


#20
4-Bromophenyl-phenylether
Concen: 0.417 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:248 Resp: 4100

Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.6	117.8
141	57.3	43.6	65.4



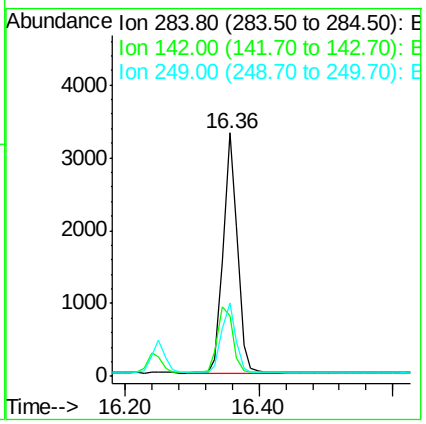


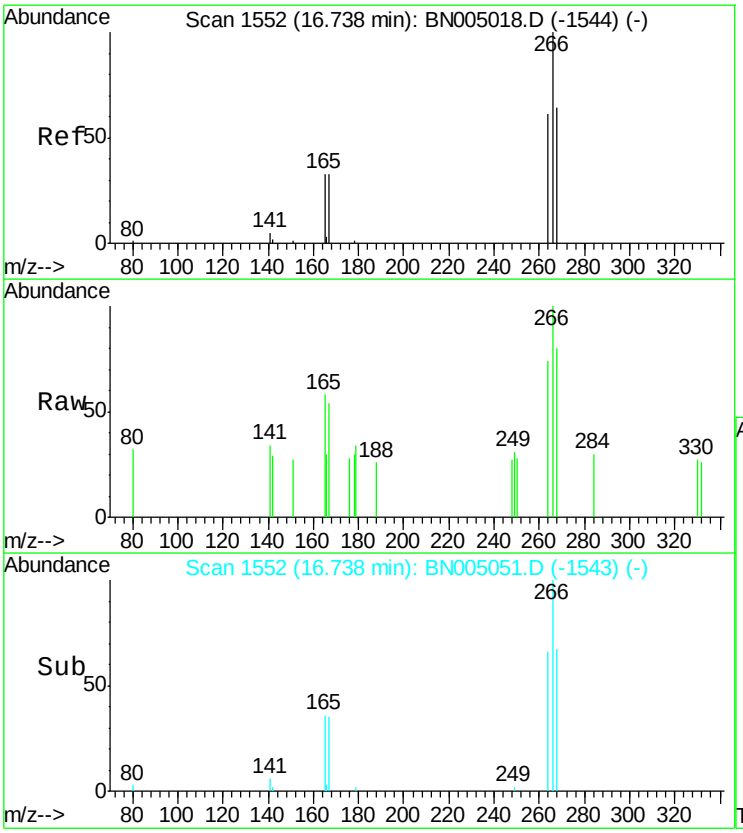
#21
Hexachlorobenzene
Concen: 0.445 ng
RT: 16.36 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4825

Ion	Ratio	Lower	Upper
284	100		
142	29.9	24.9	37.3
249	29.0	23.8	35.6

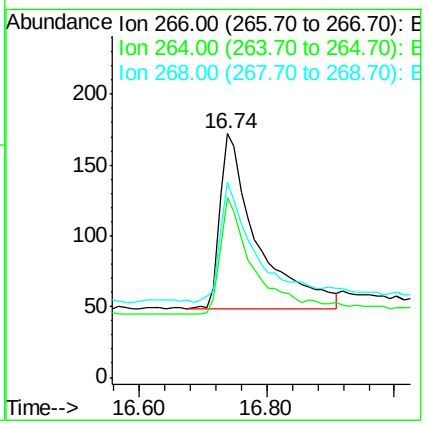


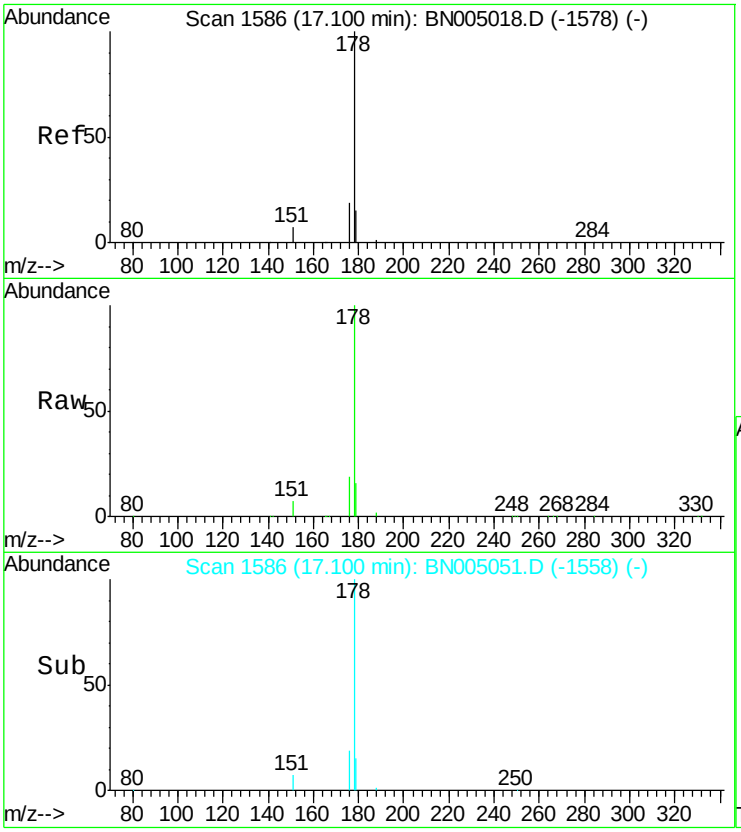


#22
Pentachlorophenol
Concen: 0.317 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:266 Resp: 506

Ion	Ratio	Lower	Upper
266	100		
264	73.8	53.4	80.0
268	80.2	58.9	88.3



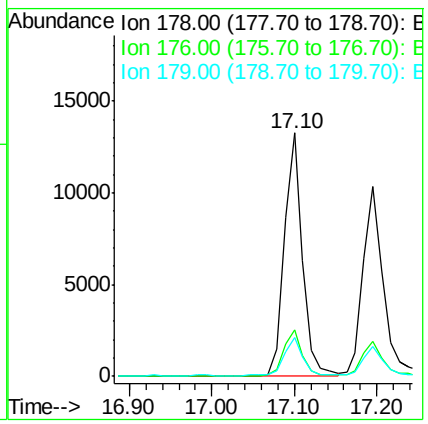


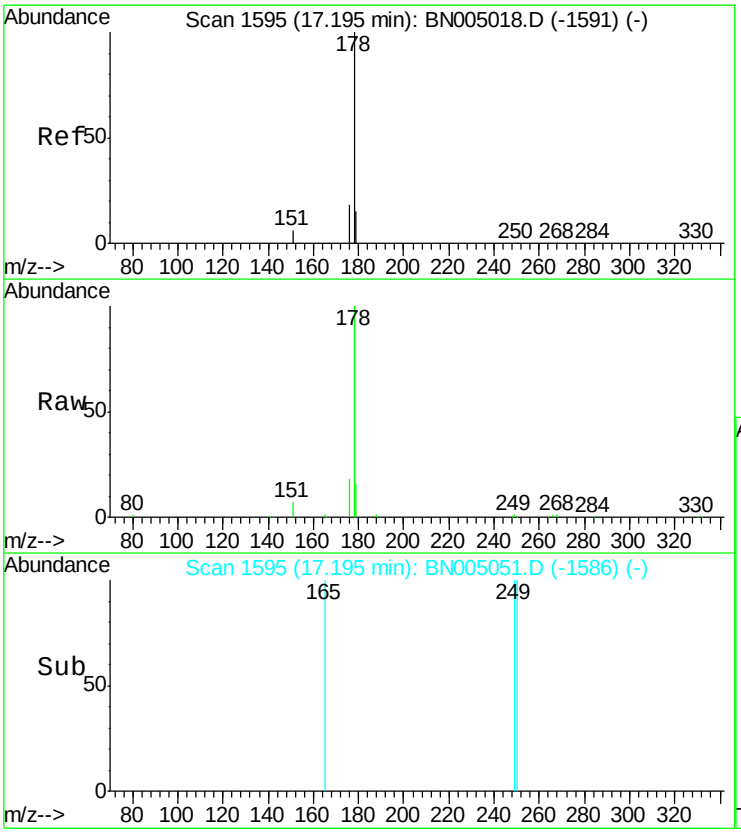
#23
Phenanthrene
Concen: 0.422 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20282

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.2	18.2

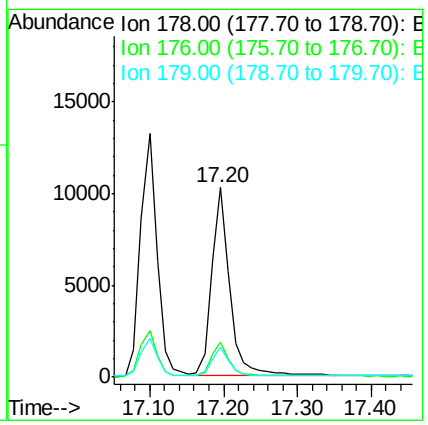


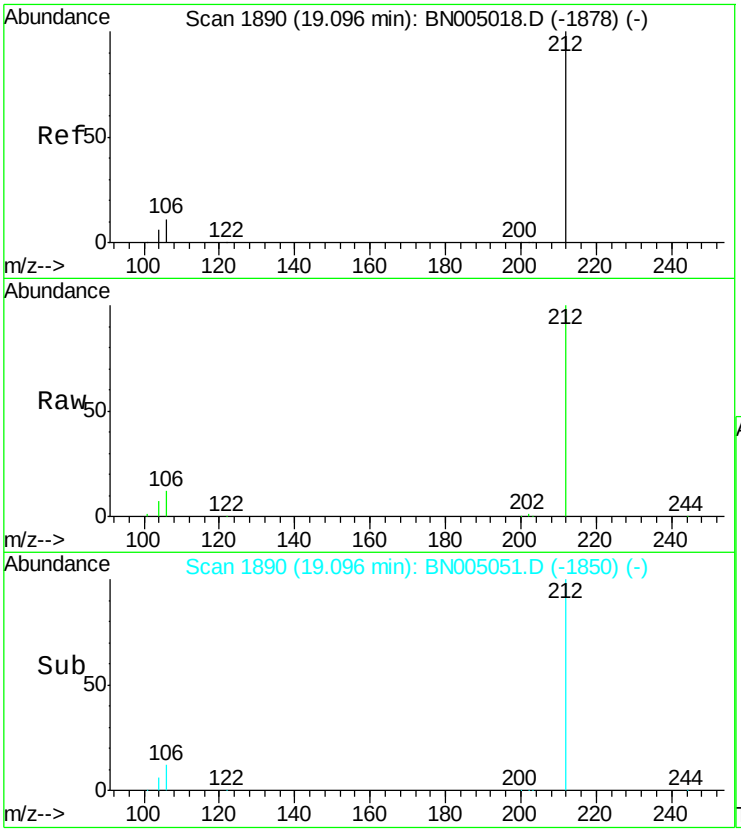


#24
Anthracene
Concen: 0.403 ng
RT: 17.20 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:178 Resp: 17246

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.3	18.5



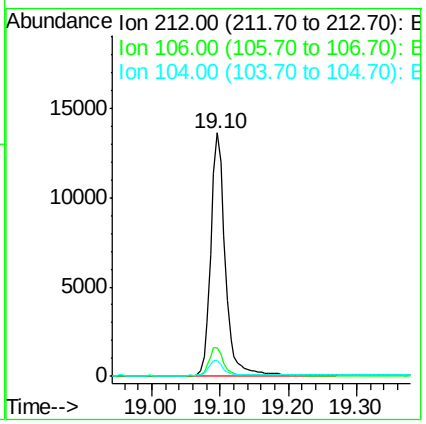


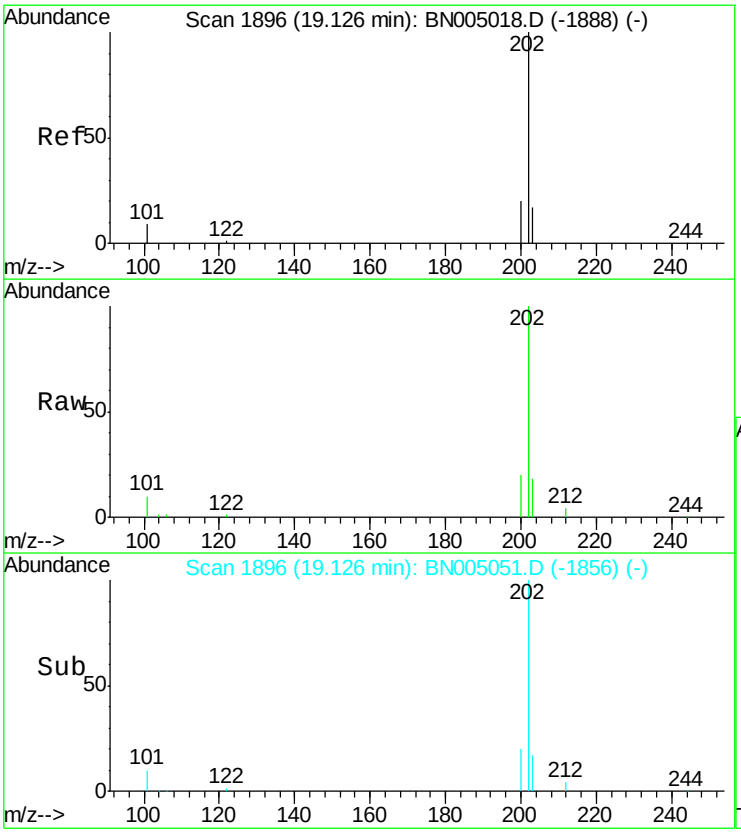
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 20020

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

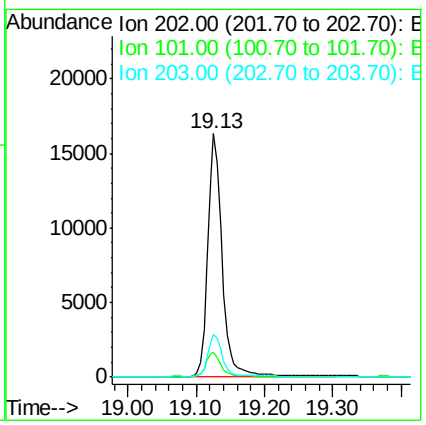


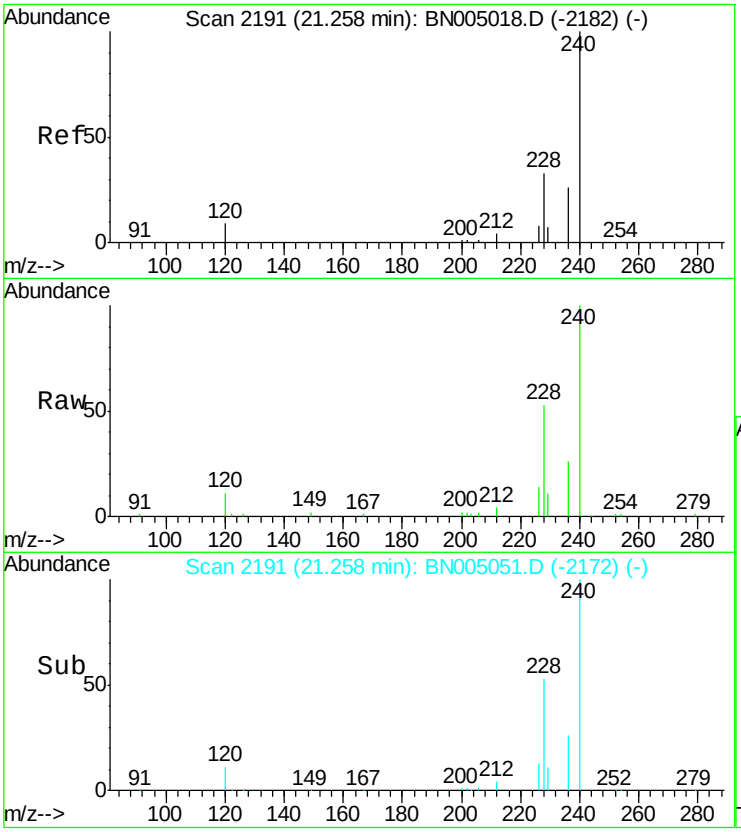


#26
Fluoranthene
Concen: 0.404 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:202 Resp: 23747

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.2
203	17.2	13.8	20.8



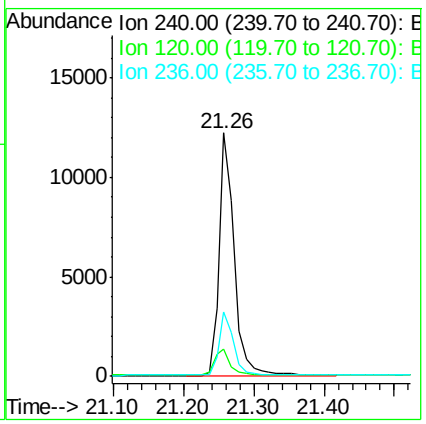


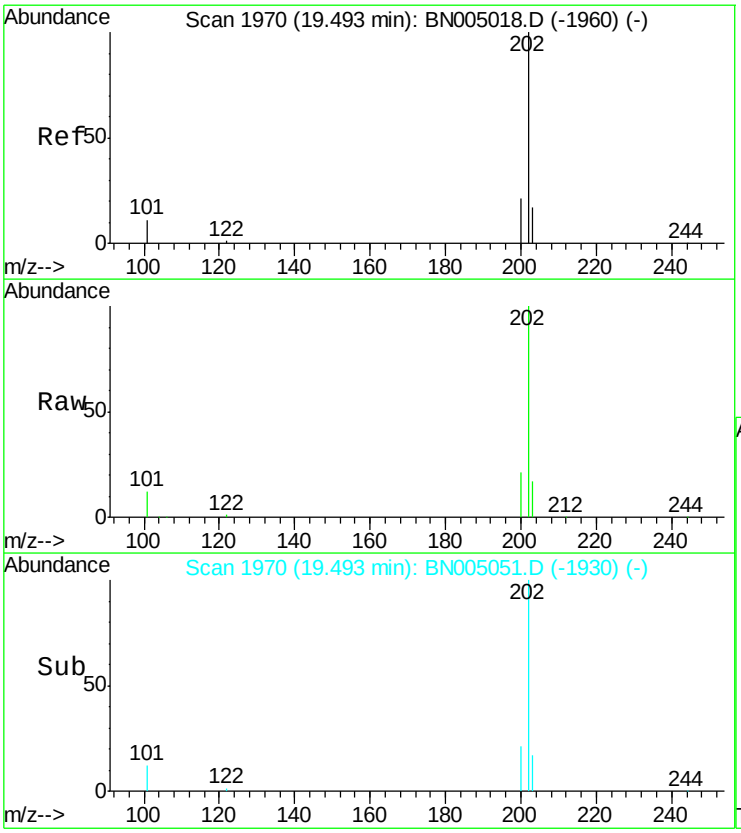
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 18335

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.4	11.0#
236	26.3	21.0	31.6

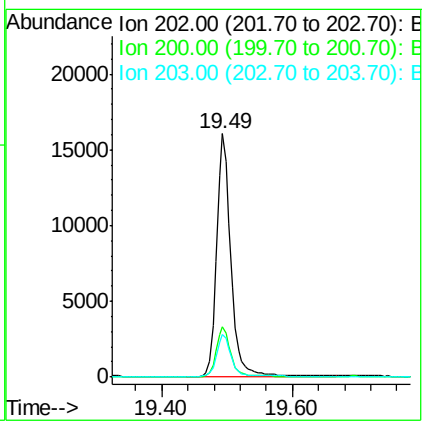


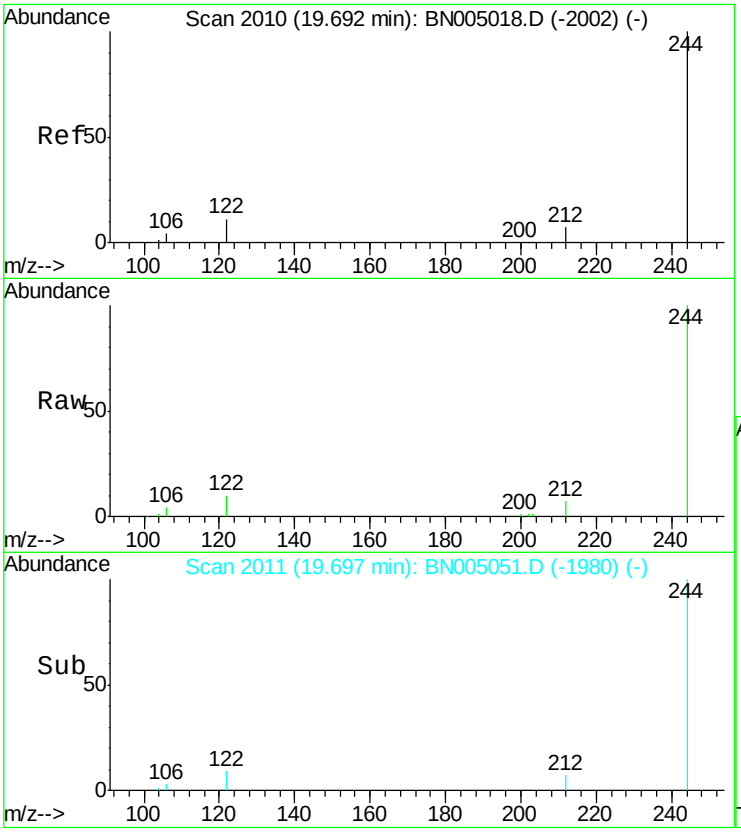


#28
Pyrene
Concen: 0.464 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:202 Resp: 24150

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	17.4	13.9	20.9



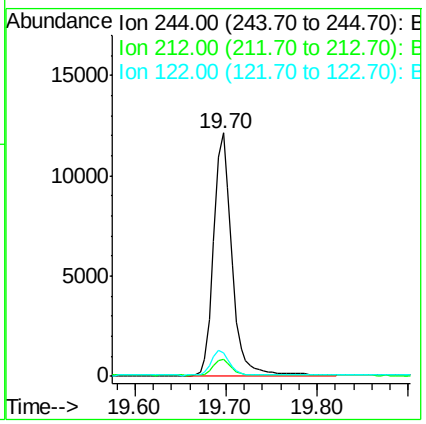


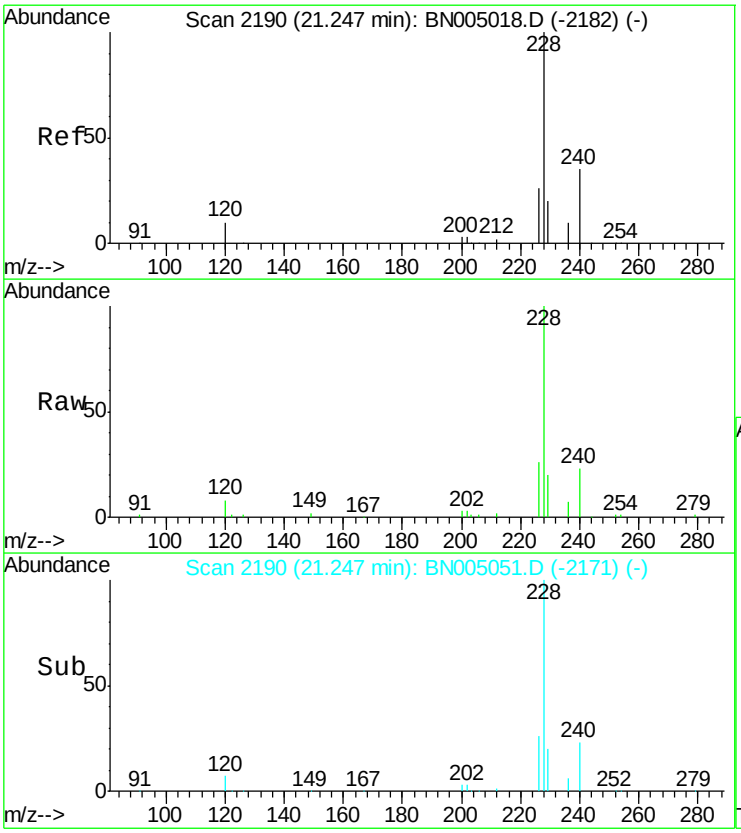
#29
Terphenyl-d14
Concen: 0.439 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 16558

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.8	9.0	13.4

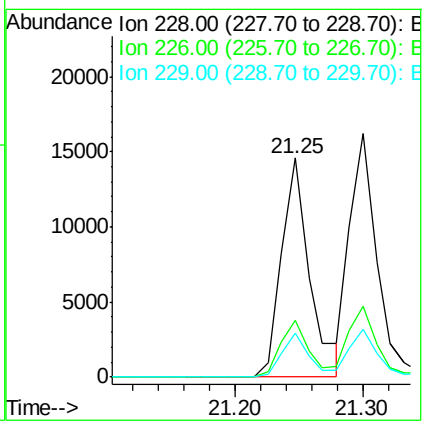


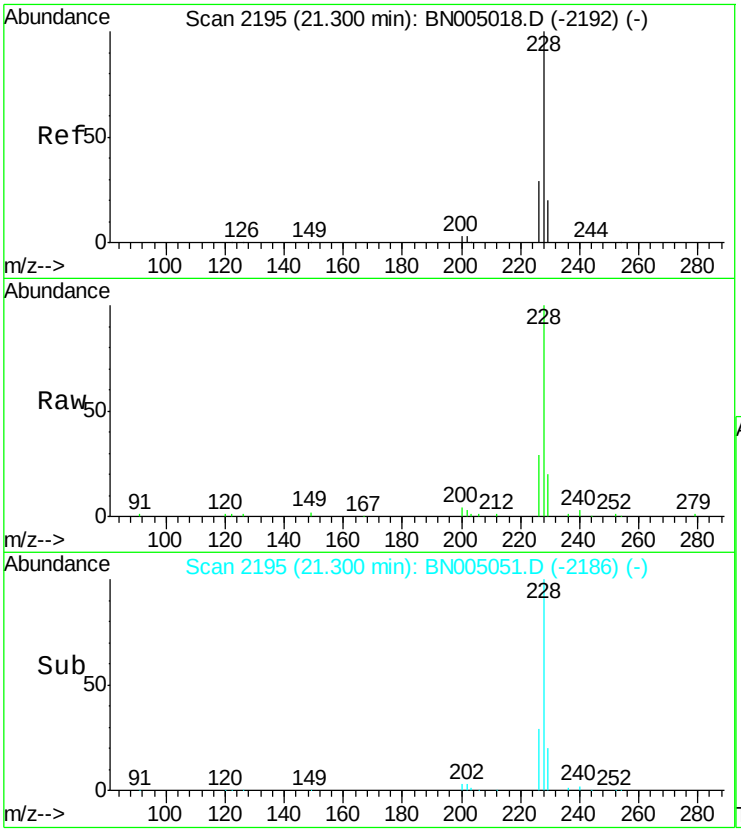


#30
Benzo(a)anthracene
Concen: 0.426 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:228 Resp: 22003

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.9	31.3
229	20.0	16.2	24.2



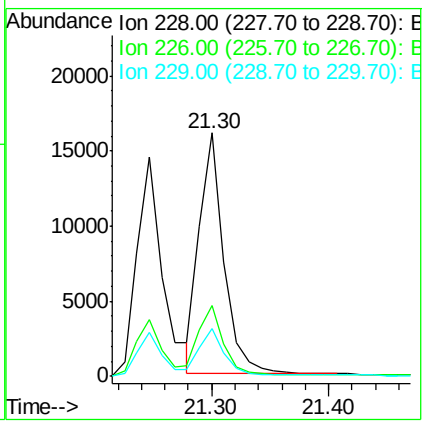


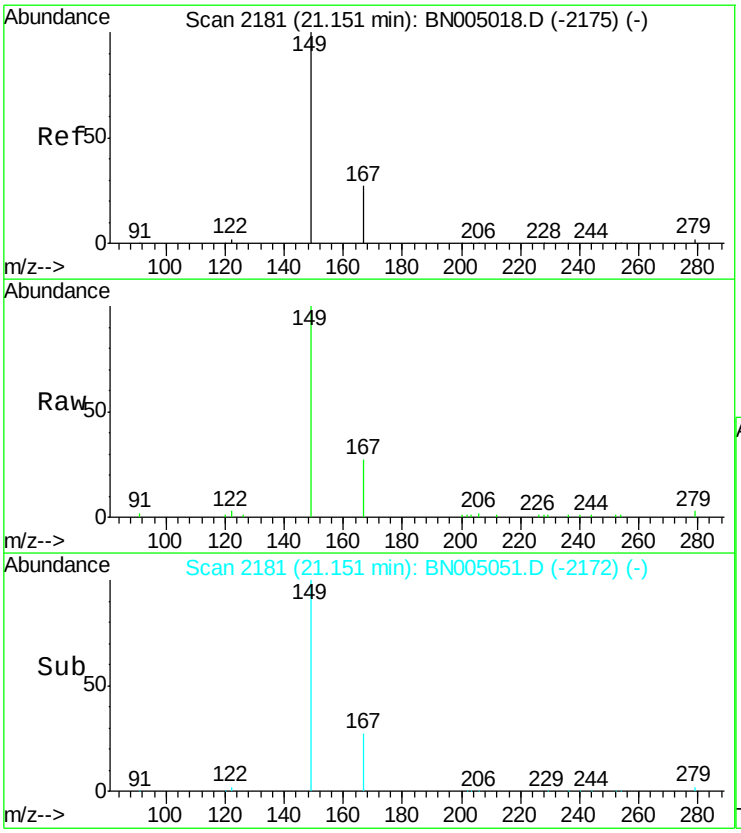
#31
Chrysene
Concen: 0.421 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 23456

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	19.8	16.2	24.4

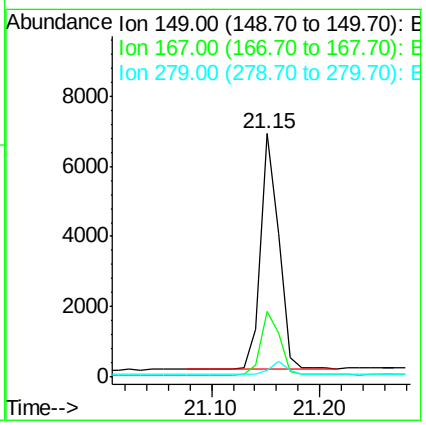


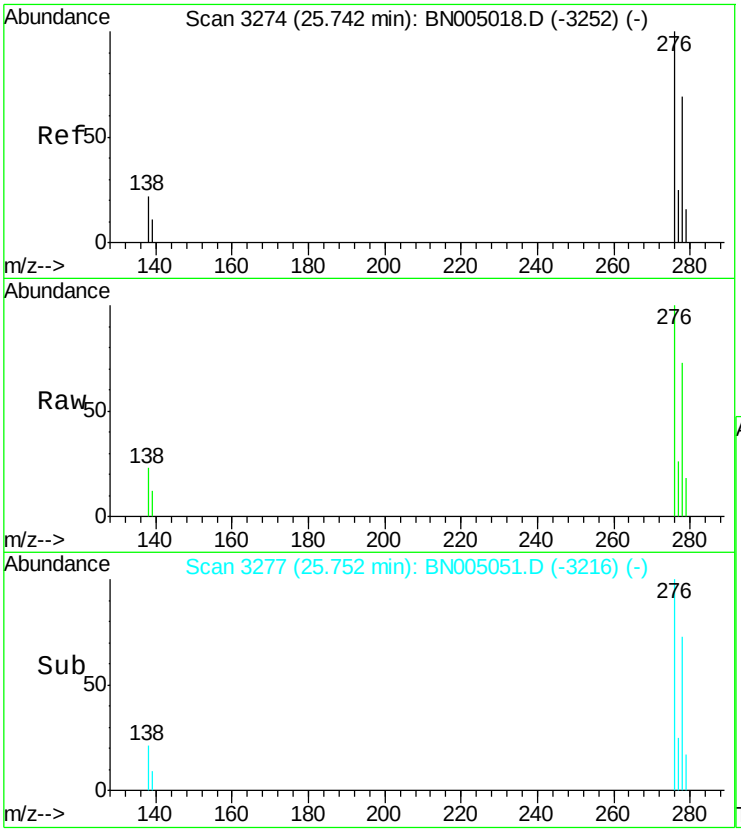


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:149 Resp: 7816

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	5.5	4.2	6.4



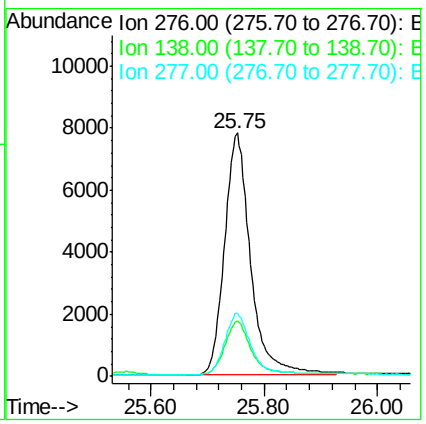


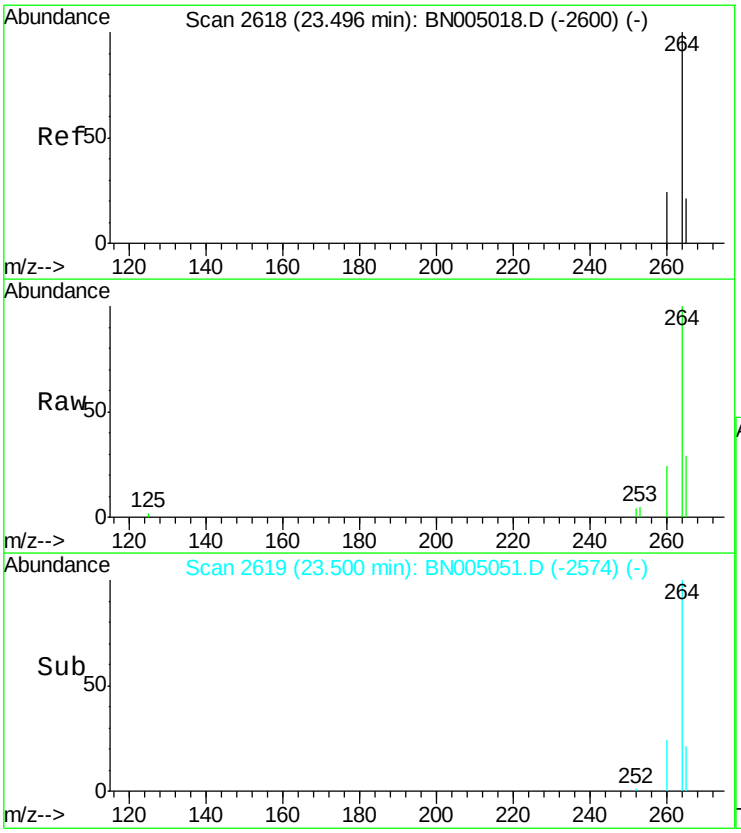
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 25.75 min Scan# 3277
Delta R.T. 0.01 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 24976

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.2	27.2
277	25.4	20.3	30.5

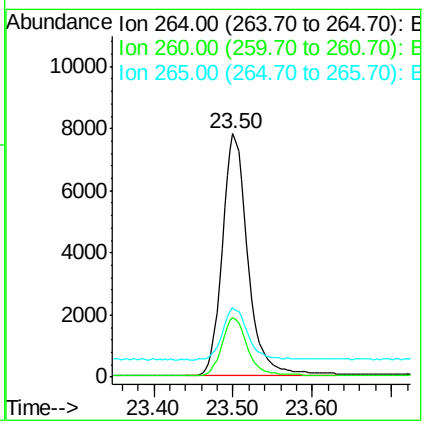


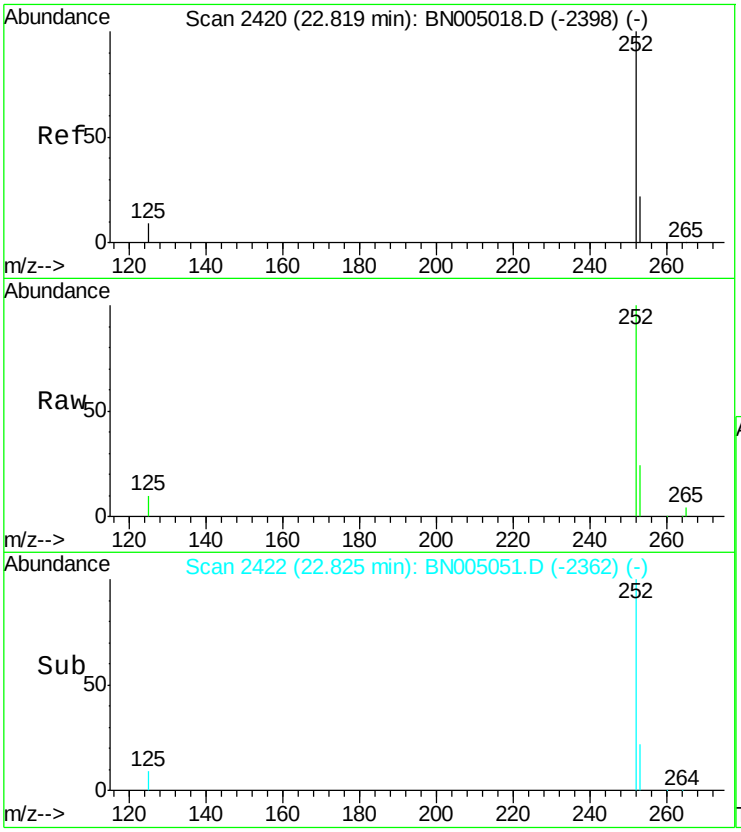


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:264 Resp: 17293

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	28.5	22.5	33.7



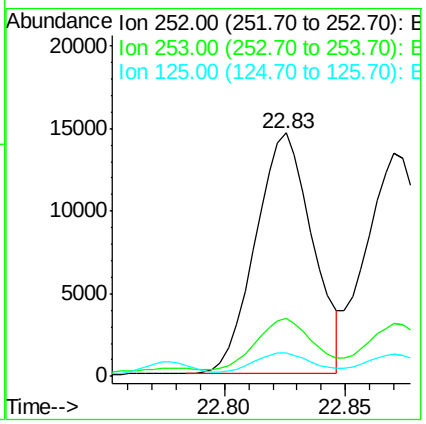


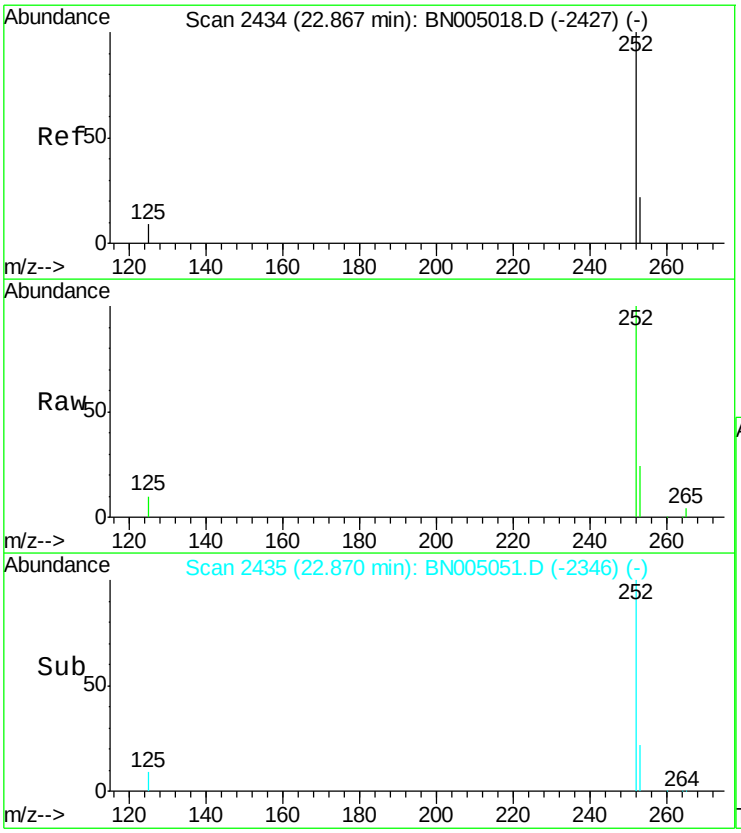
#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 22.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23742

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	9.7	8.2	12.2

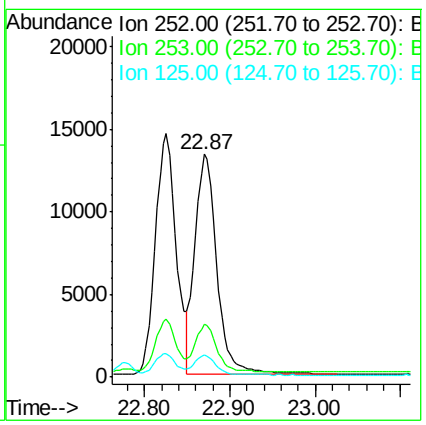


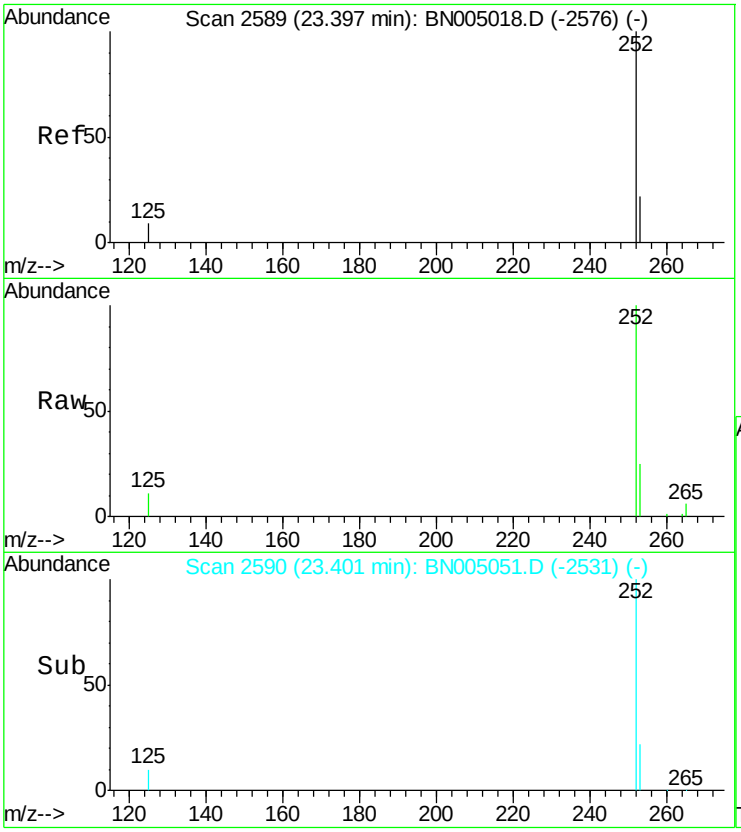


#36
Benzo(k)fluoranthene
Concen: 0.439 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:252 Resp: 23525

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.3	28.9
125	9.8	8.2	12.2



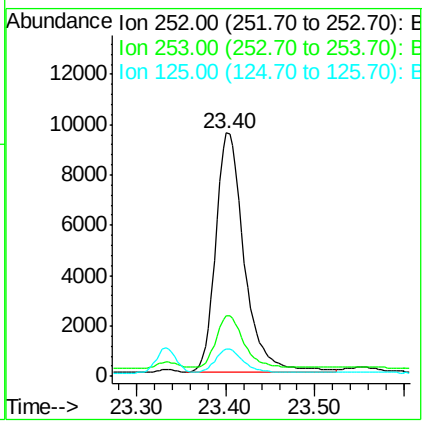


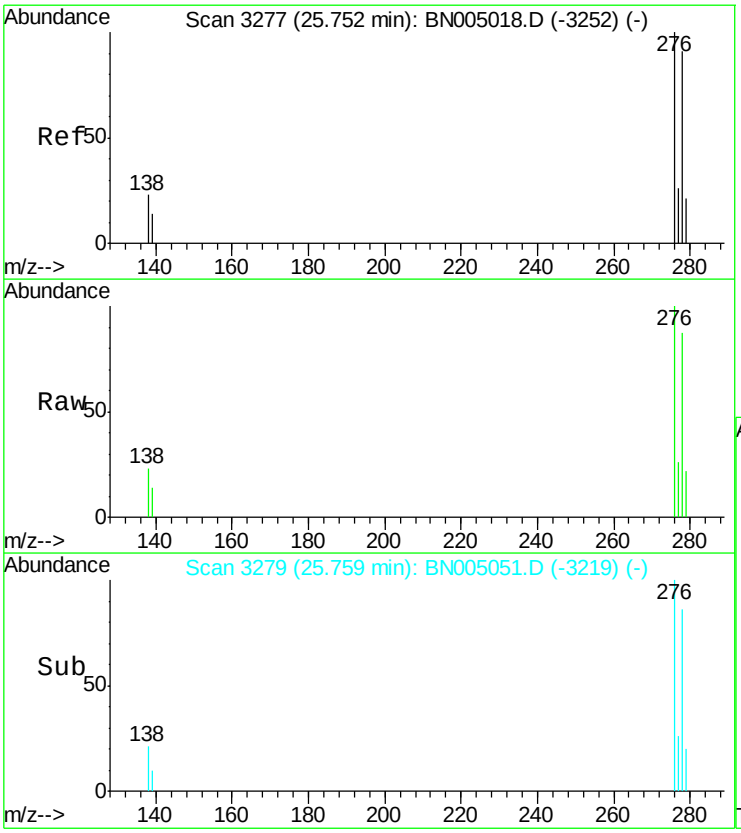
#37
Benzo(a)pyrene
Concen: 0.430 ng
RT: 23.40 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21173

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.2	30.2
125	11.2	9.2	13.8

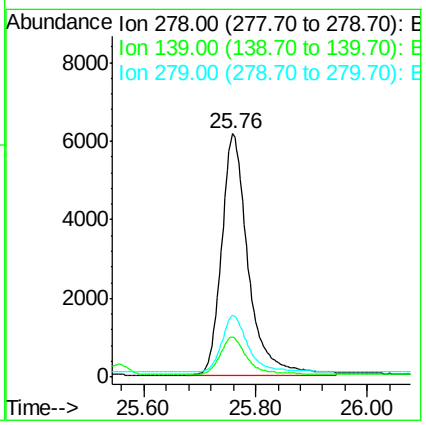


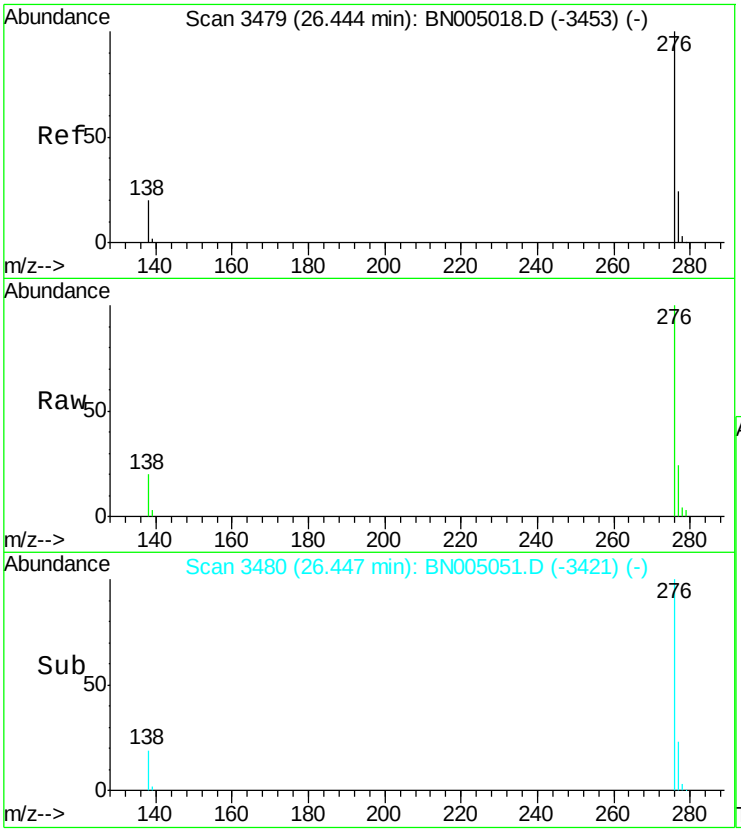


#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 25.76 min Scan# 3279
Delta R.T. 0.01 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Tgt Ion:278 Resp: 20271

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.1	19.7
279	25.4	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 26.45 min Scan# 3480
Delta R.T. 0.00 min
Lab File: BN005051.D
Acq: 01 Apr 2019 16:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20651

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	20.5	16.4	24.6