Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
Data File : BN005020.D
Acq On : 28 Mar 2019 19:49
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Mar 29 03:24:12 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 03:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2860	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	12300	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7594	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	17798	0.40	ng		0.00
27) Chrysene-d12	21.26	240	22348	0.40	ng		0.00
34) Perylene-d12	23.49	264	21887	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	11199	1.44	ng		0.00
5) Phenol-d6	6.84	99	13388	1.38	ng		0.00
8) Nitrobenzene-d5	8.82	82	11643	1.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.03	152	30658	1.43	ng		0.00
14) 2,4,6-Tribromophenol	15.80	330	6915	1.32	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	45287	1.44	ng		0.00
25) Fluoranthene-d10	19.09	212	82126	1.38	ng		0.00
29) Terphenyl-d14	19.69	244	68482	1.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	4532	1.394	ng		98
3) n-Nitrosodimethylamine	3.52	42	3135	1.631	ng	#	90
6) bis(2-Chloroethyl)ether	7.10	93	12866	1.473	ng		98
9) Naphthalene	10.49	128	49374	1.431	ng		98
10) Hexachlorobutadiene	10.76	225	9147	1.390	ng	#	100
12) 2-Methylnaphthalene	12.11	142	35898	1.401	ng		98
16) Acenaphthylene	14.02	152	59246	1.515	ng		100
17) Acenaphthene	14.37	154	36132	1.410	ng		99
18) Fluorene	15.36	166	48902	1.368	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	16485	1.418	ng		90
21) Hexachlorobenzene	16.36	284	18087	1.359	ng		99
22) Pentachlorophenol	16.72	266	3934	1.512	ng		92
23) Phenanthrene	17.10	178	80173	1.395	ng		100
24) Anthracene	17.18	178	72781	1.418	ng		100
26) Fluoranthene	19.13	202	98178	1.329	ng		100
28) Pyrene	19.49	202	98589	1.447	ng		100
30) Benzo(a)anthracene	21.24	228	100742	1.375	ng		97
31) Chrysene	21.29	228	104138	1.349	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	41159	1.406	ng		100
33) Indeno(1,2,3-cd)pyrene	25.73	276	124964	1.119	ng		100
35) Benzo(b)fluoranthene	22.82	252	112269	1.418	ng		97
36) Benzo(k)fluoranthene	22.86	252	106943	1.373	ng		96
37) Benzo(a)pyrene	23.39	252	100066	1.378	ng		95
38) Dibenzo(a,h)anthracene	25.75	278	101807	1.210	ng		97
39) Benzo(g,h,i)perylene	26.43	276	101484	1.184	ng		98

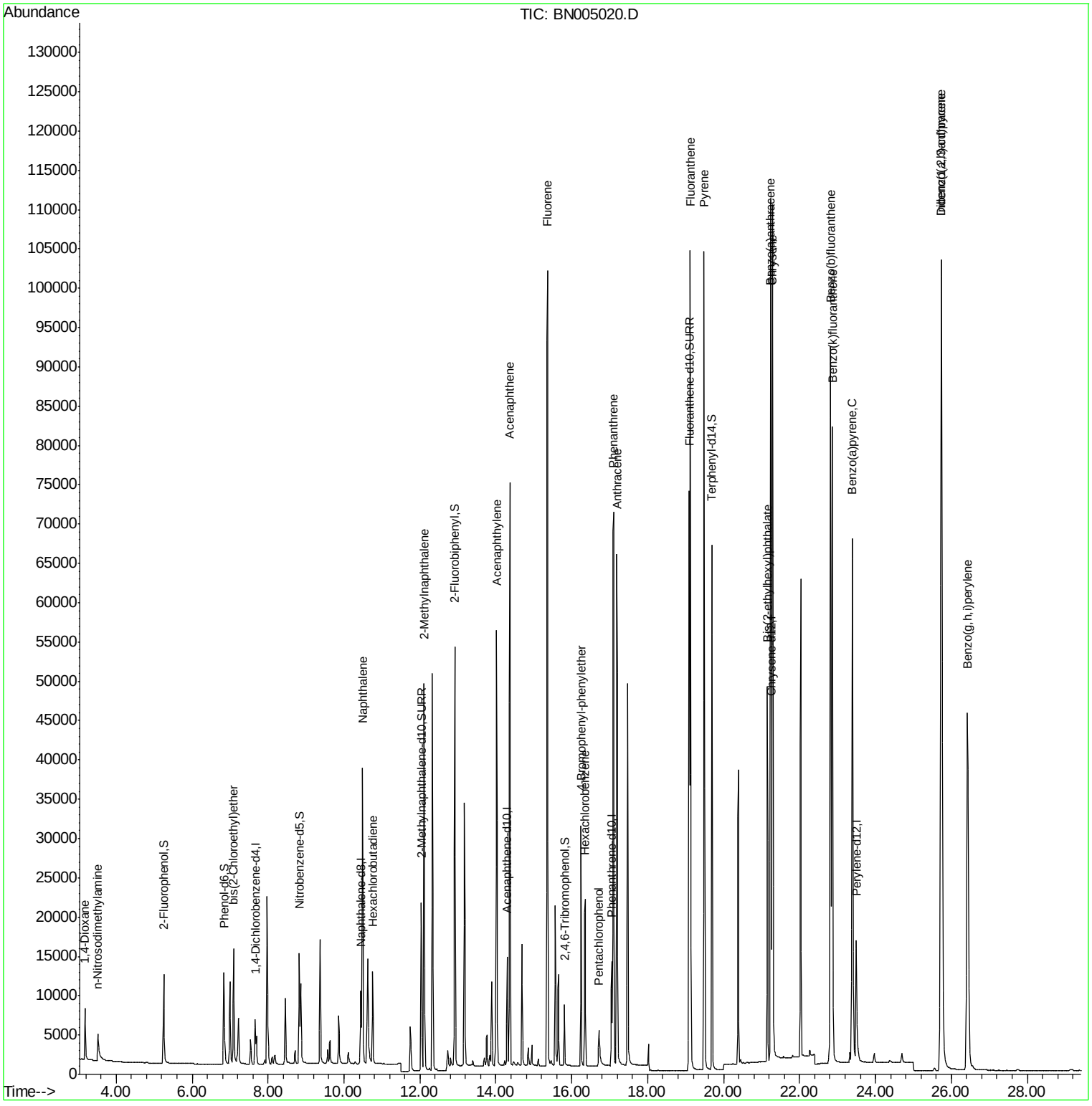
(#) = qualifier out of range (m) = manual integration (+) = signals summed

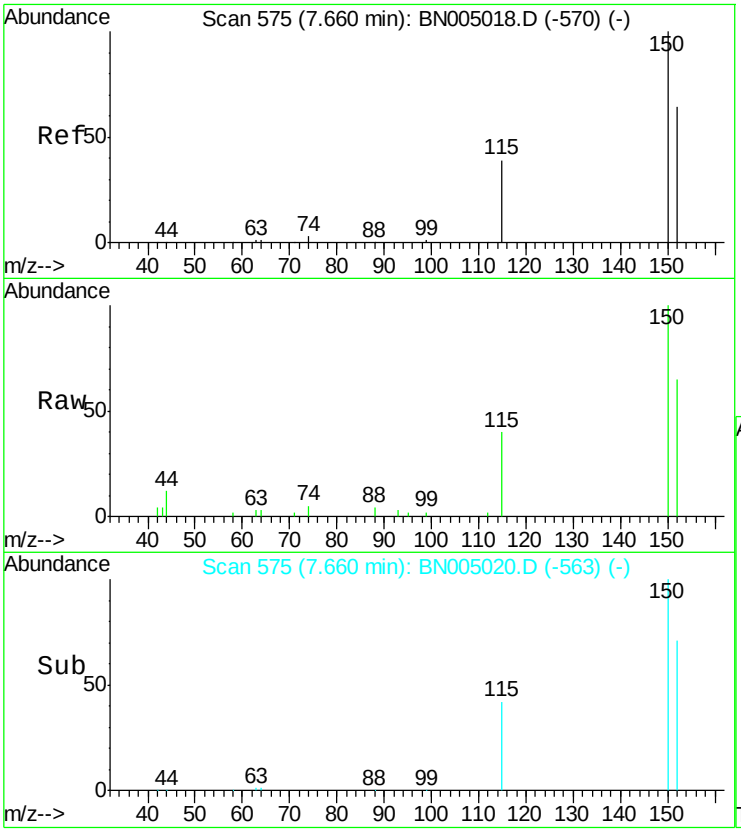
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
Data File : BN005020.D
Acq On : 28 Mar 2019 19:49
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 29 03:24:12 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 03:18:03 2019
Response via : Initial Calibration



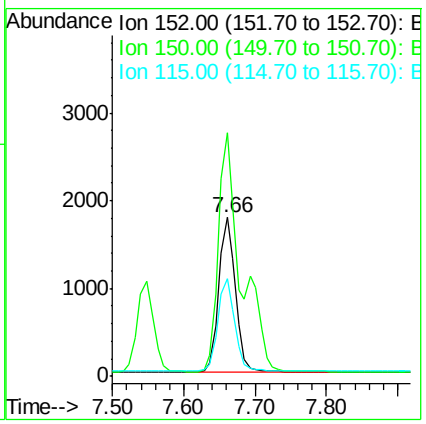


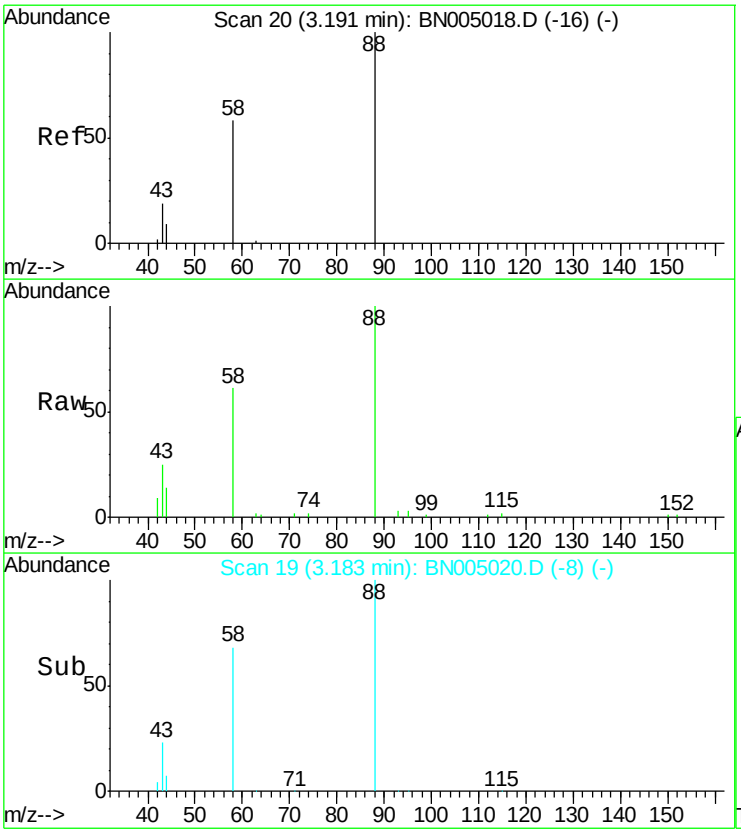
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 2860

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.4	185.2
115	61.3	50.0	75.0

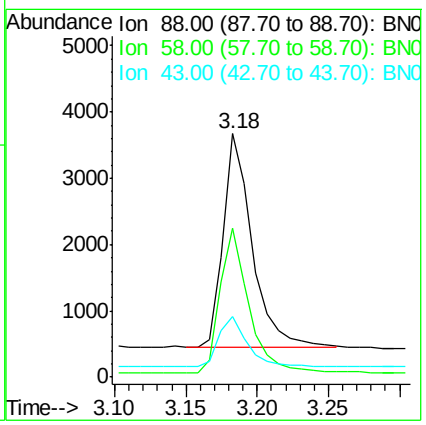


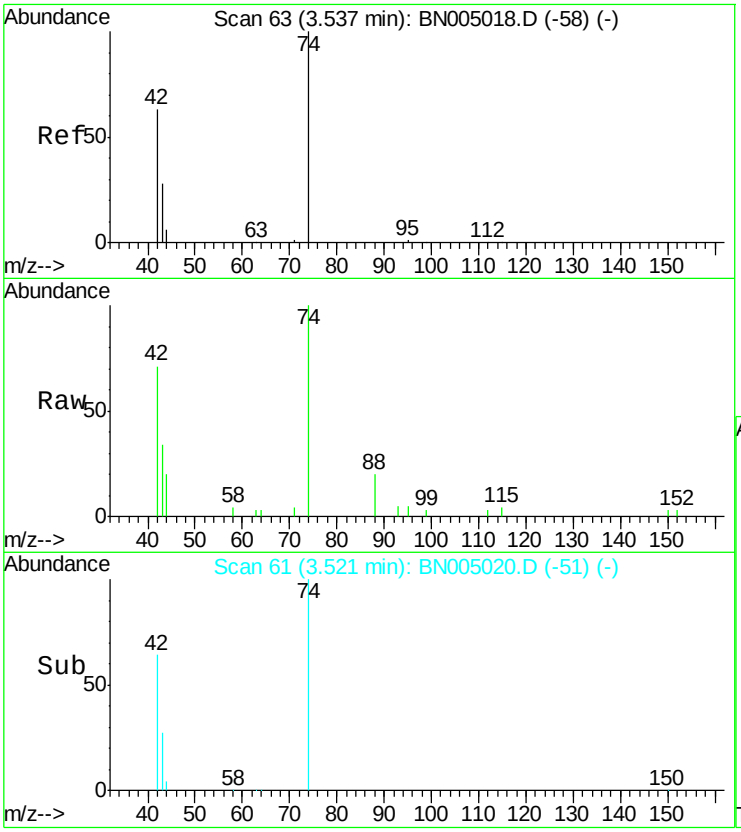


#2
1,4-Dioxane
Concen: 1.394 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 88 Resp: 4532

Ion	Ratio	Lower	Upper
88	100		
58	67.9	52.8	79.2
43	23.6	19.6	29.4



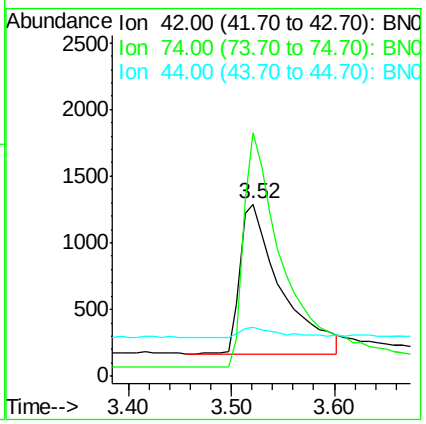


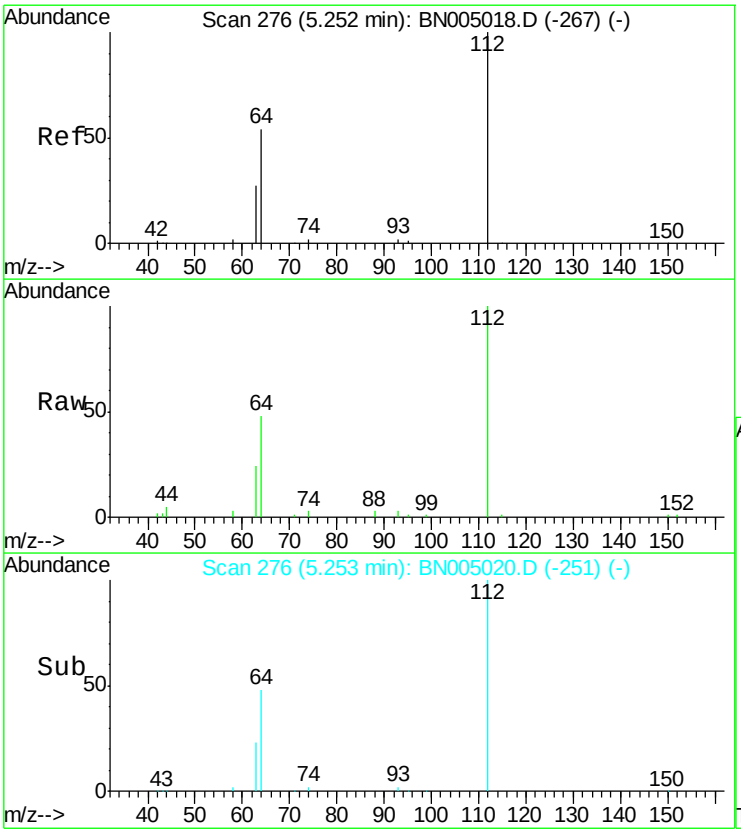
#3
n-Nitrosodimethylamine
Concen: 1.631 ng
RT: 3.52 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 3135

Ion	Ratio	Lower	Upper
42	100		
74	149.4	129.1	193.7
44	7.1	11.6	17.4#

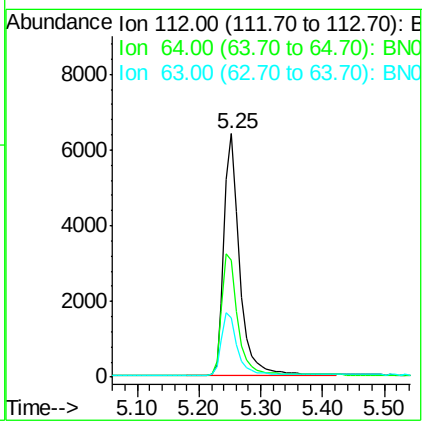


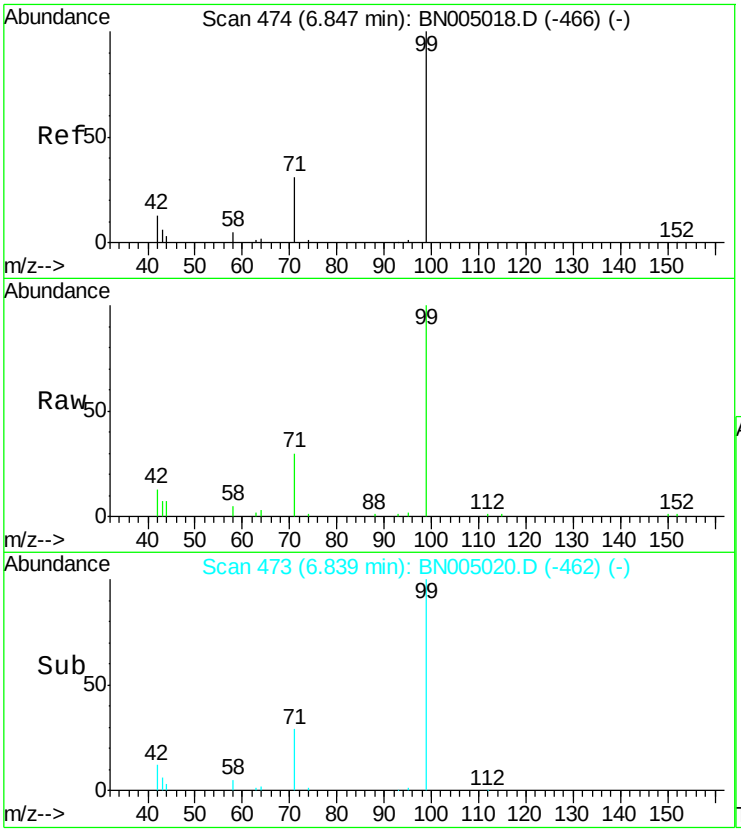


#4
2-Fluorophenol
Concen: 1.441 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:112 Resp: 11199

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.9	62.9
63	26.3	21.5	32.3



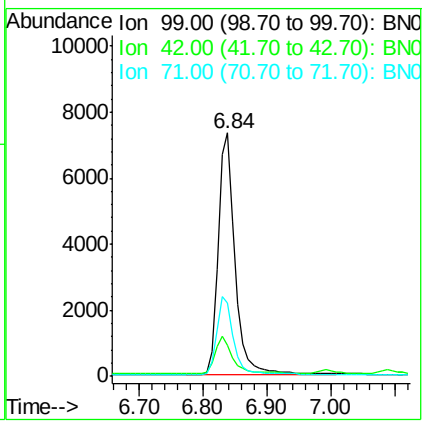


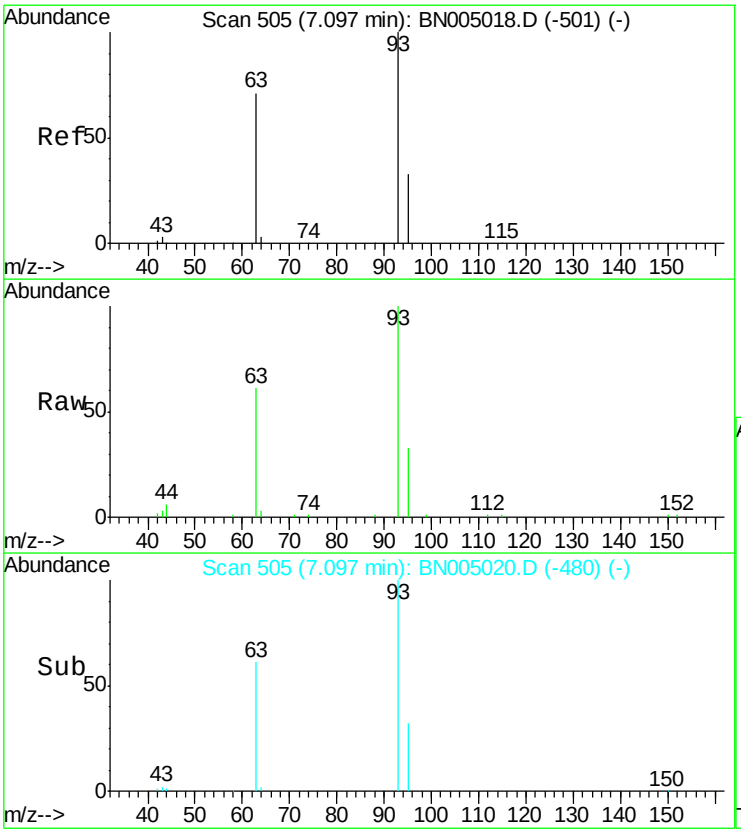
#5
Phenol-d6
Concen: 1.383 ng
RT: 6.84 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 13388

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	32.3	26.1	39.1

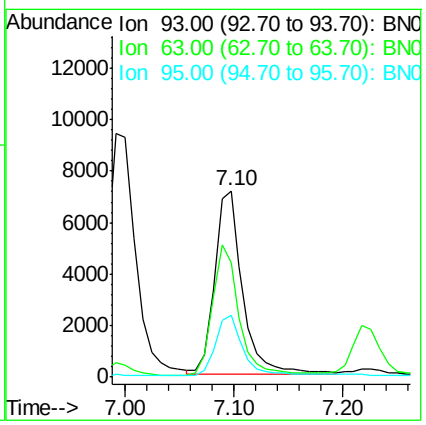


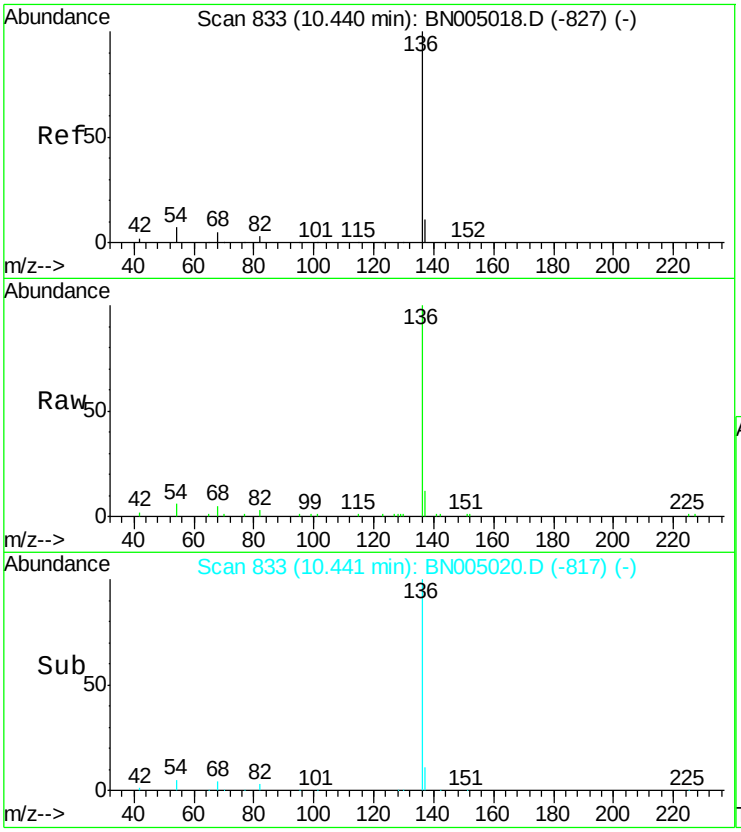


#6
bis(2-Chloroethyl)ether
Concen: 1.473 ng
RT: 7.10 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 93 Resp: 12866

Ion	Ratio	Lower	Upper
93	100		
63	66.8	51.8	77.6
95	31.8	24.8	37.2



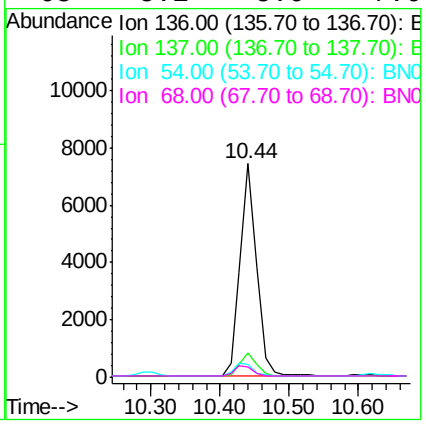


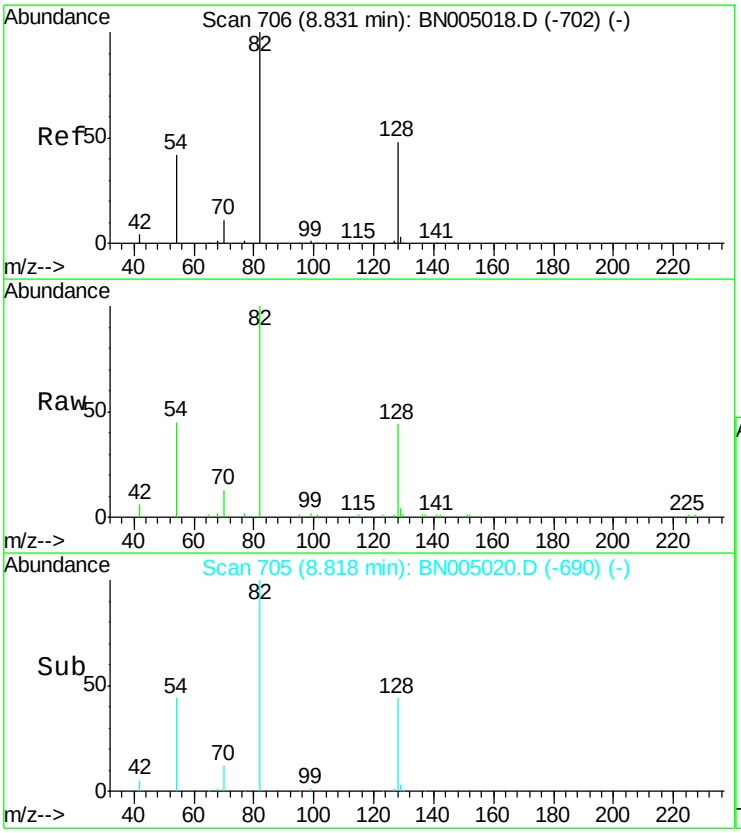
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 12300

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.9	6.0	9.0#
68	5.1	5.0	7.6

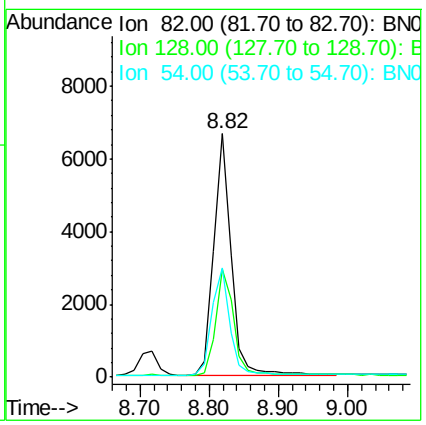


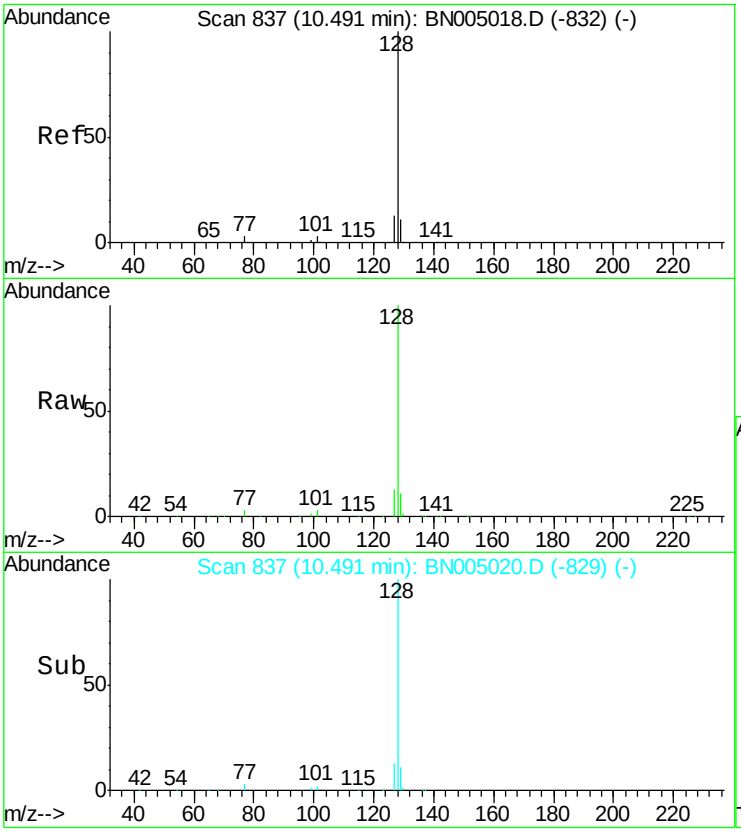


#8
Nitrobenzene-d5
Concen: 1.431 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion: 82 Resp: 11643

Ion	Ratio	Lower	Upper
82	100		
128	44.2	40.5	60.7
54	44.6	35.7	53.5



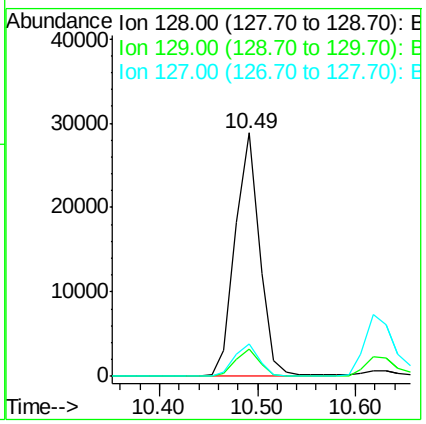


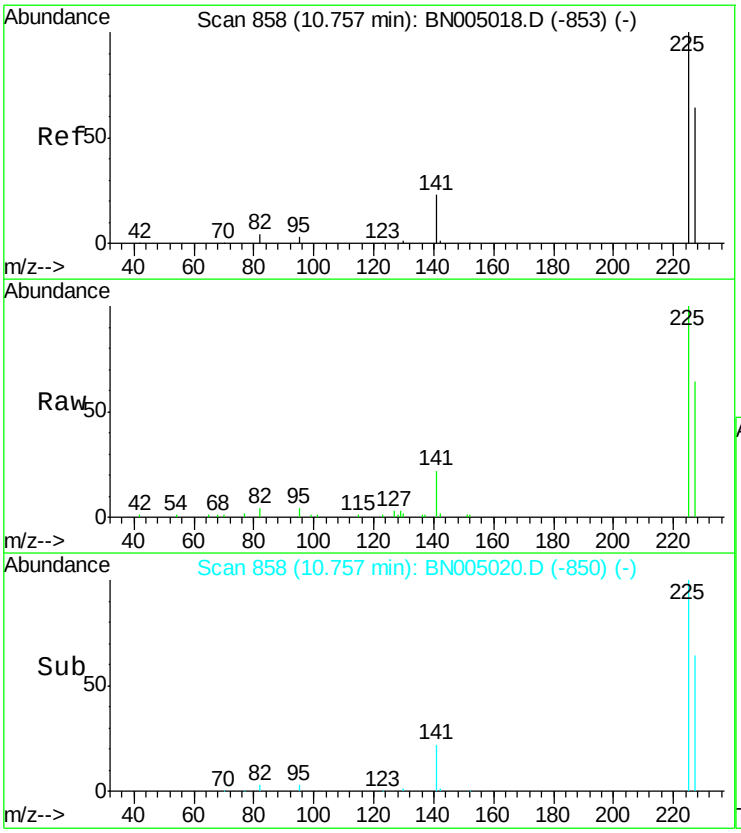
#9
Naphthalene
Concen: 1.431 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 49374

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.1	11.0	16.6

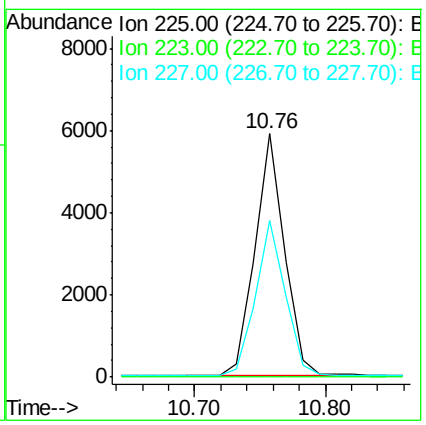


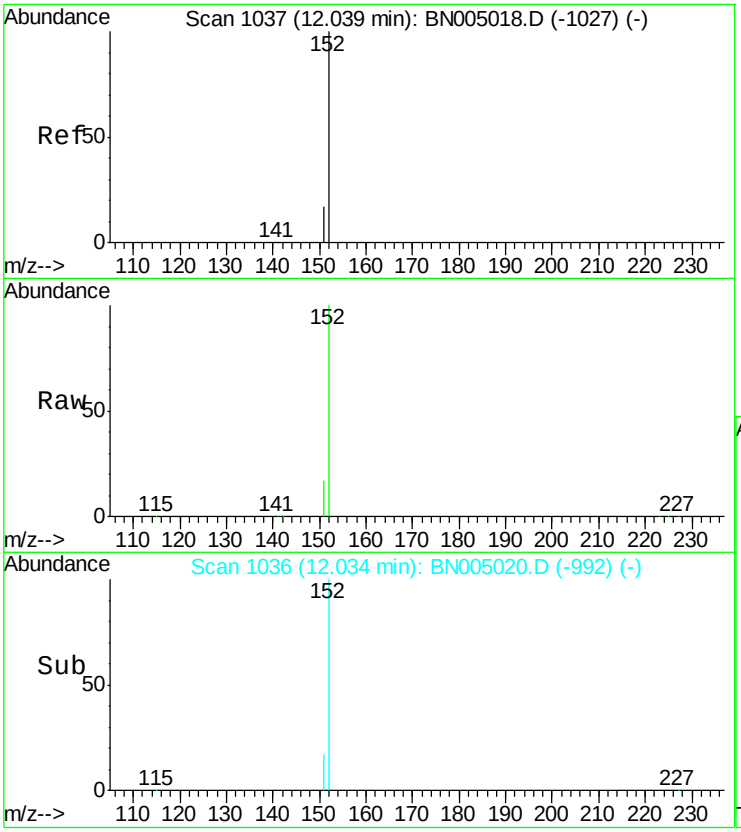


#10
Hexachlorobutadiene
Concen: 1.390 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:225 Resp: 9147

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.5	77.3



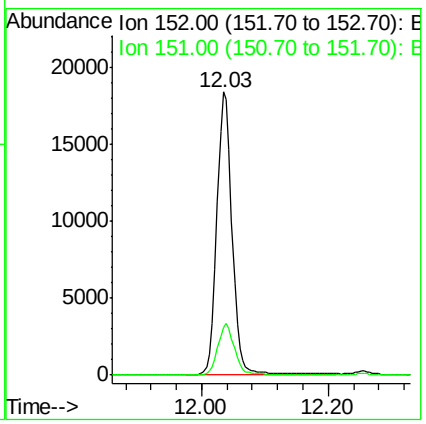


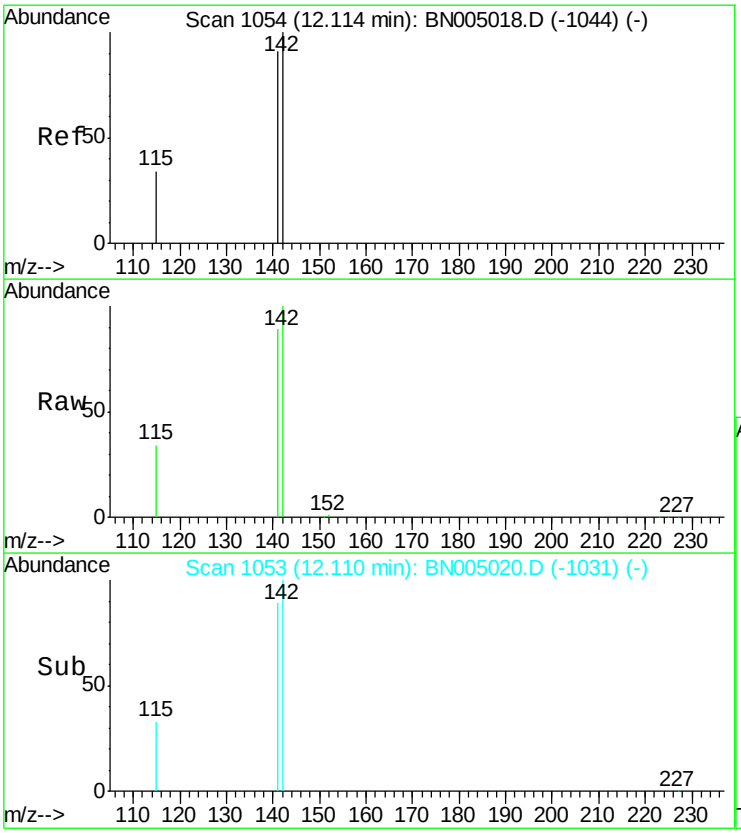
#11
2-Methylnaphthalene-d10
Concen: 1.428 ng
RT: 12.03 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 30658

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

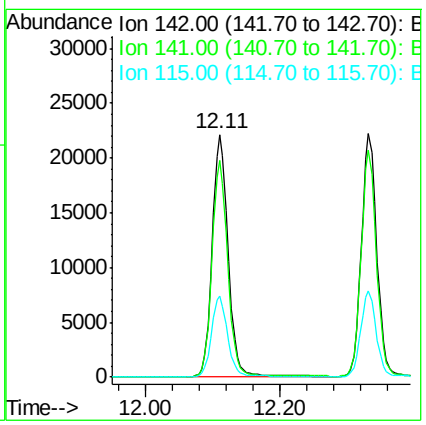


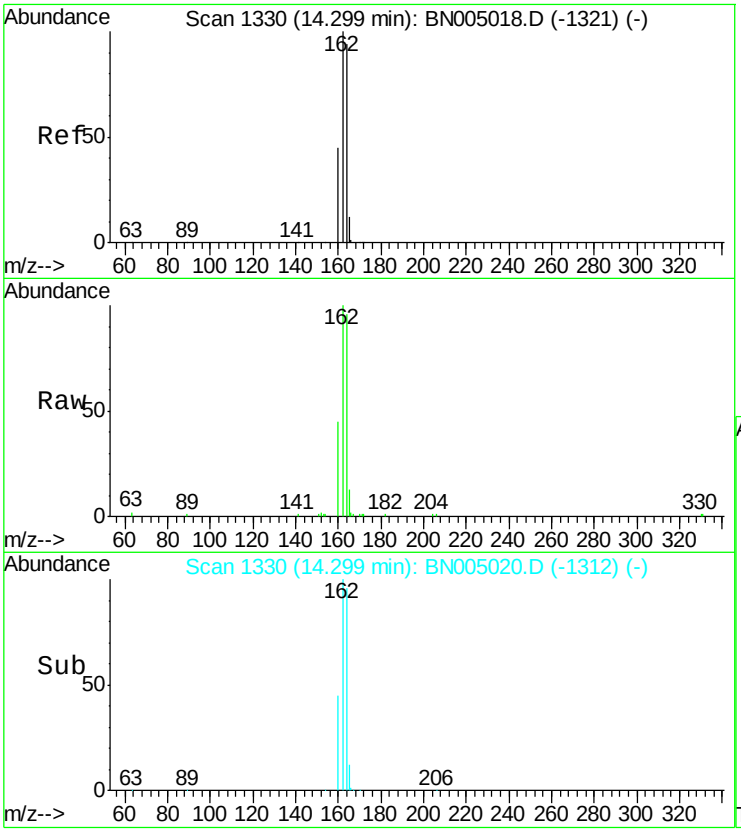


#12
2-Methylnaphthalene
Concen: 1.401 ng
RT: 12.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:142 Resp: 35898

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8
115	33.5	27.8	41.8



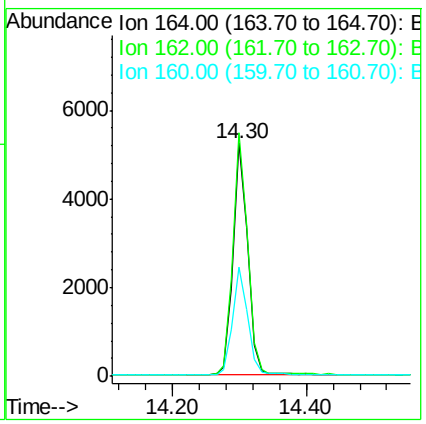


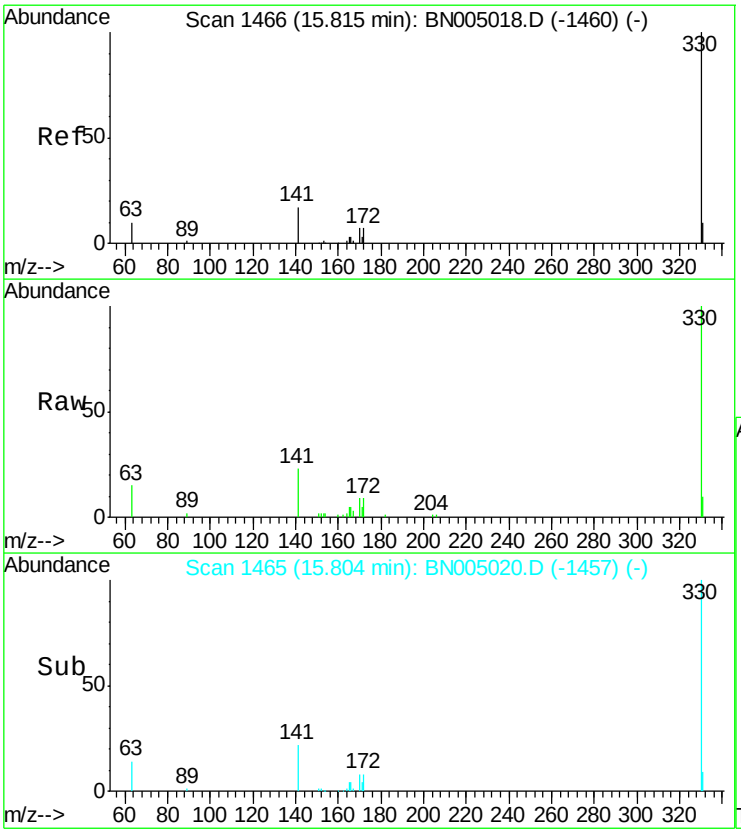
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 7594

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.3	127.9
160	47.1	39.2	58.8

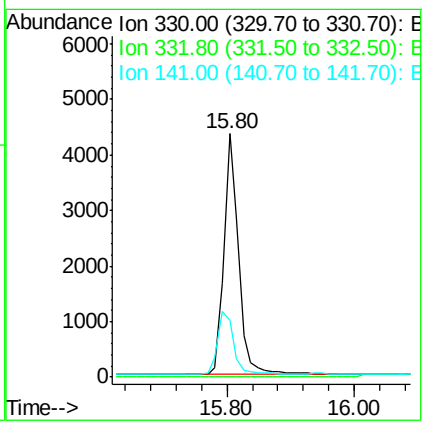


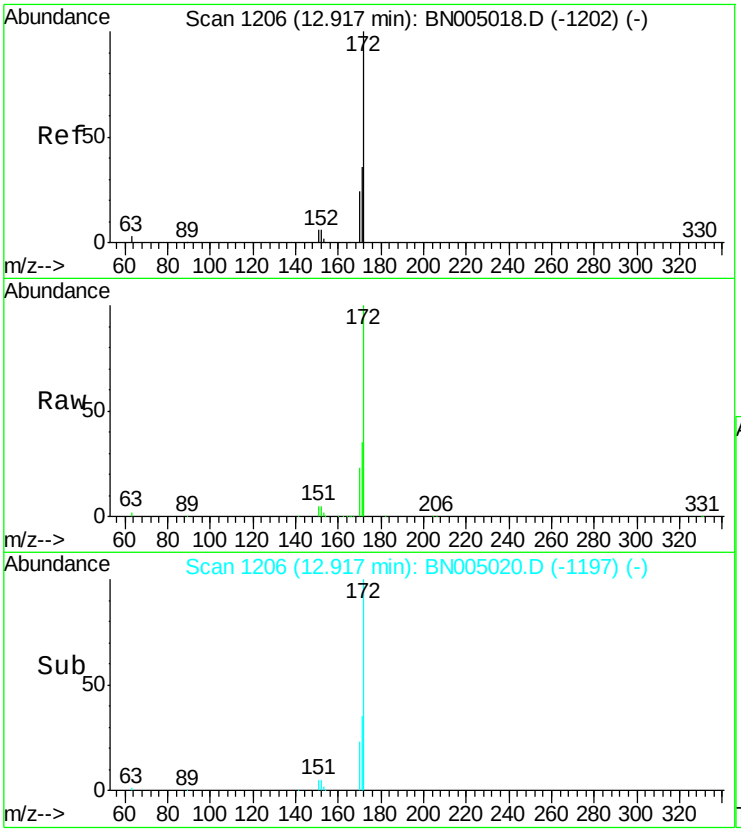


#14
2,4,6-Tribromophenol
Concen: 1.318 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:330 Resp: 6915

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.4	21.3	31.9



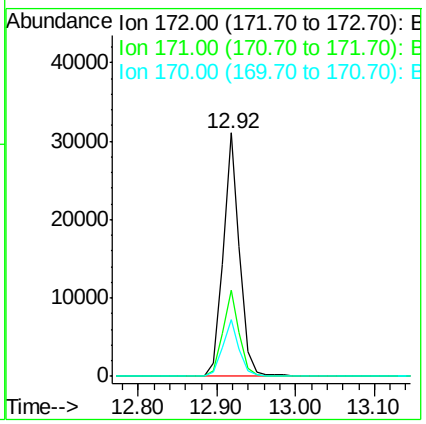


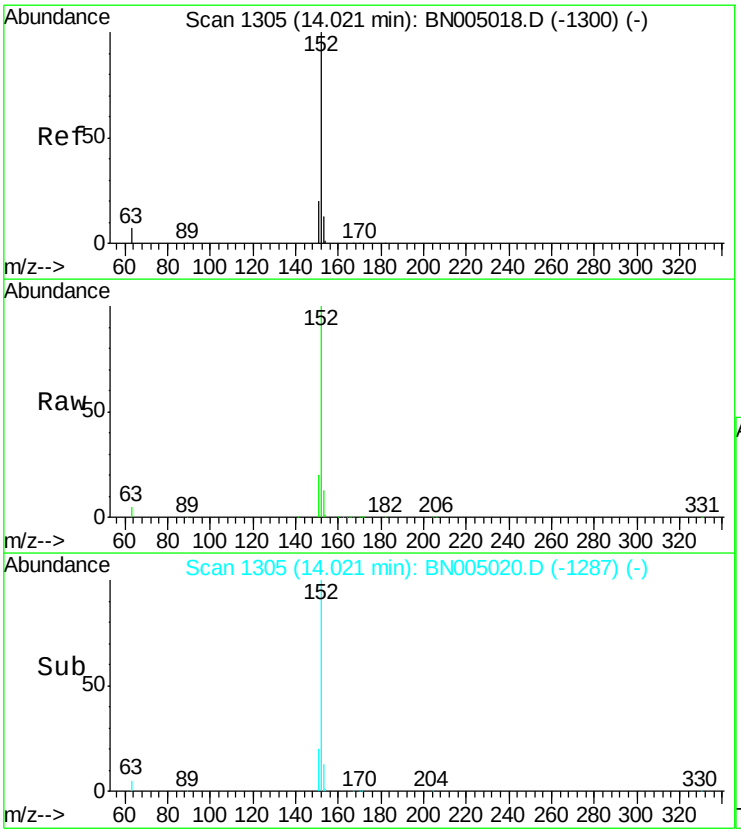
#15
2-Fluorobiphenyl
Concen: 1.443 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 45287

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.3	20.0	30.0

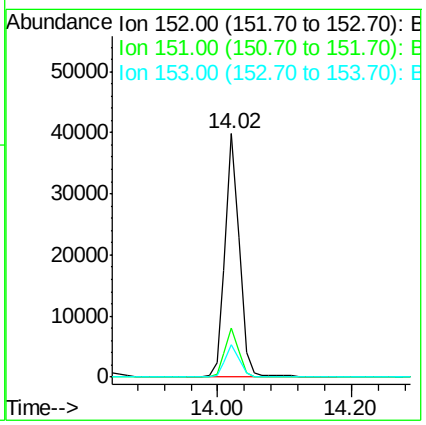


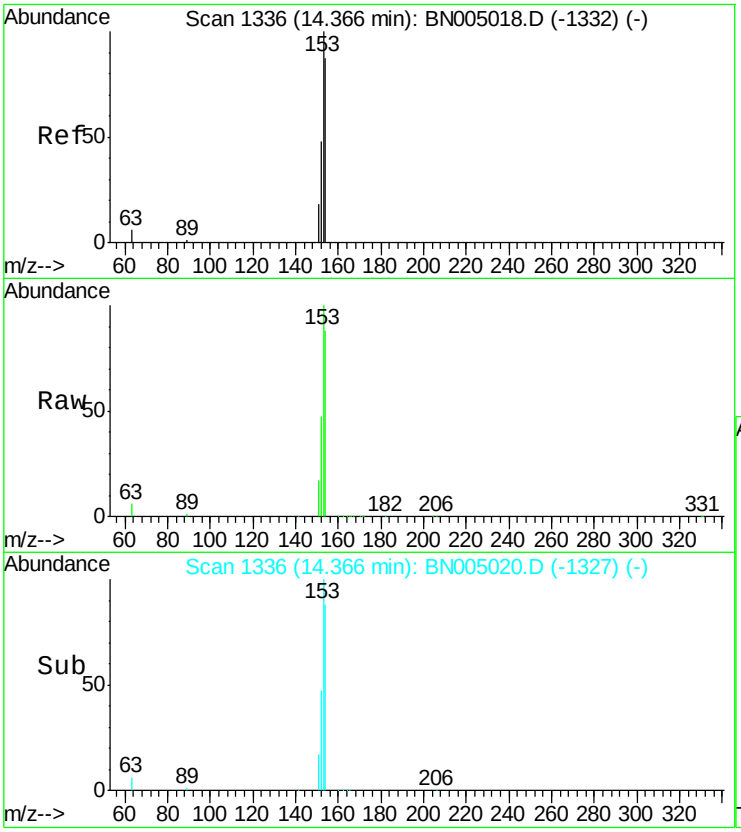


#16
Acenaphthylene
Concen: 1.515 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:152 Resp: 59246

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.1	10.6	15.8



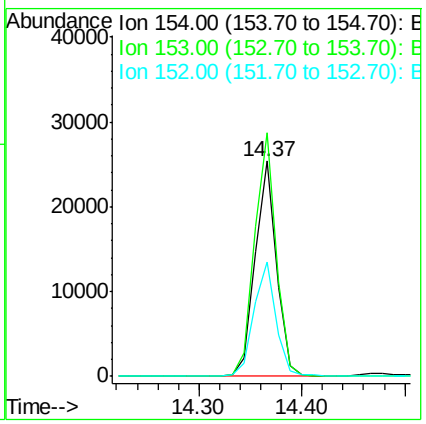


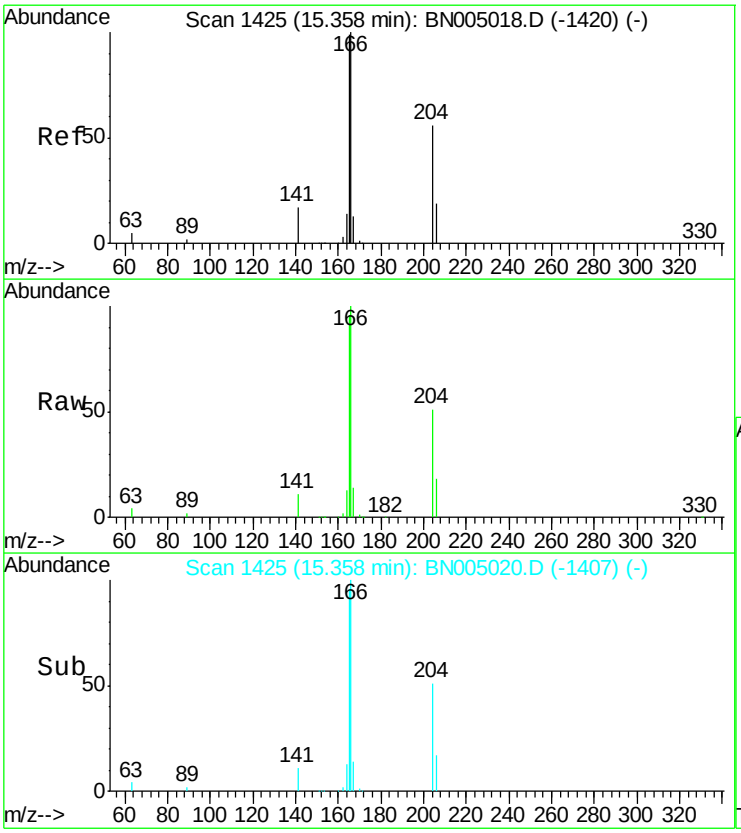
#17
Acenaphthene
Concen: 1.410 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 36132

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.1	138.1
152	54.3	44.2	66.2

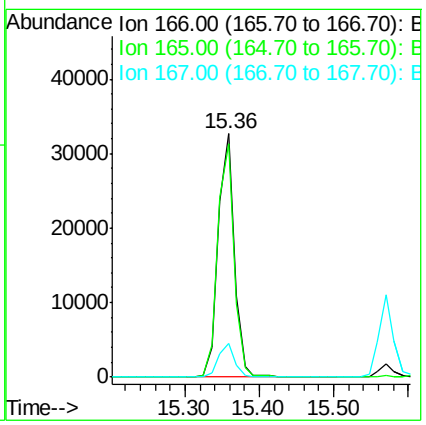


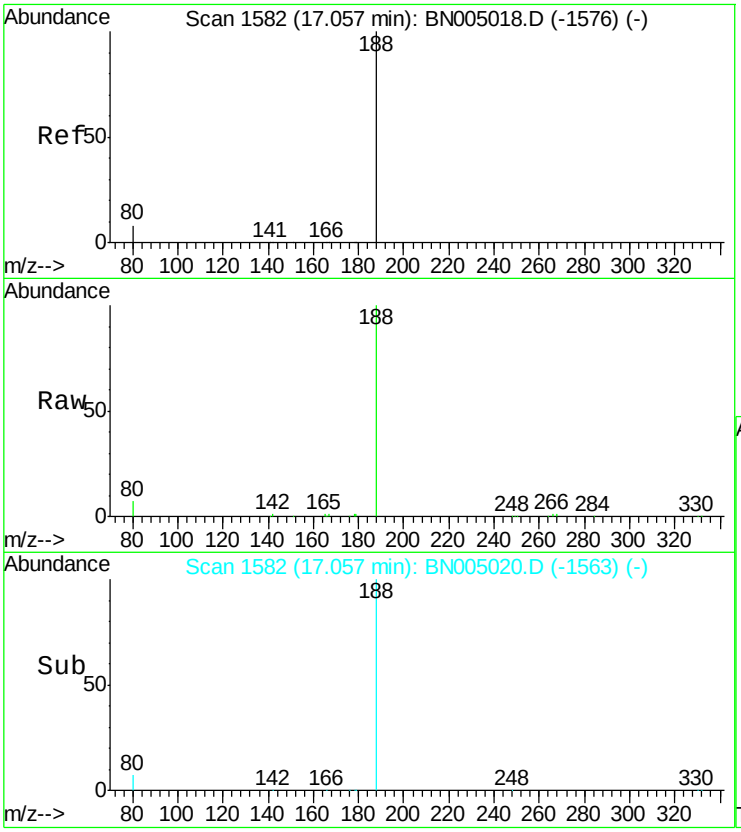


#18
Fluorene
Concen: 1.368 ng
RT: 15.36 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:166 Resp: 48902

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.7	118.1
167	13.5	10.9	16.3



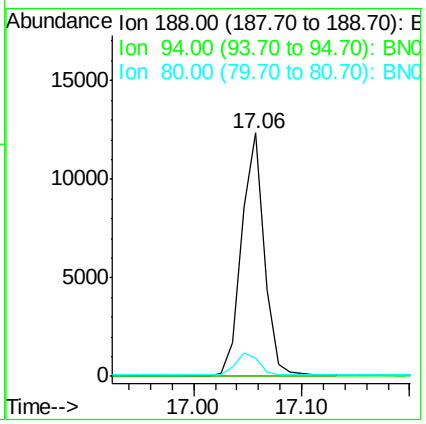


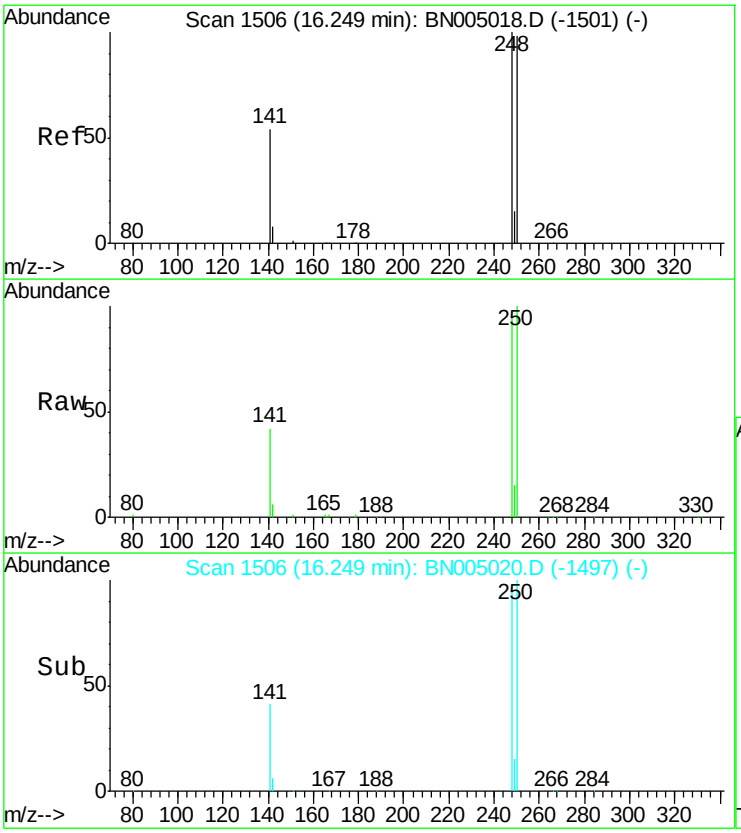
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 17798

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.9	10.3

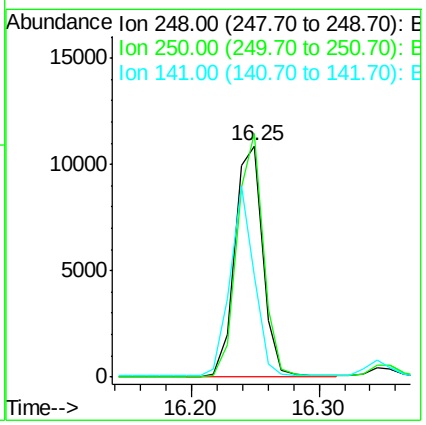


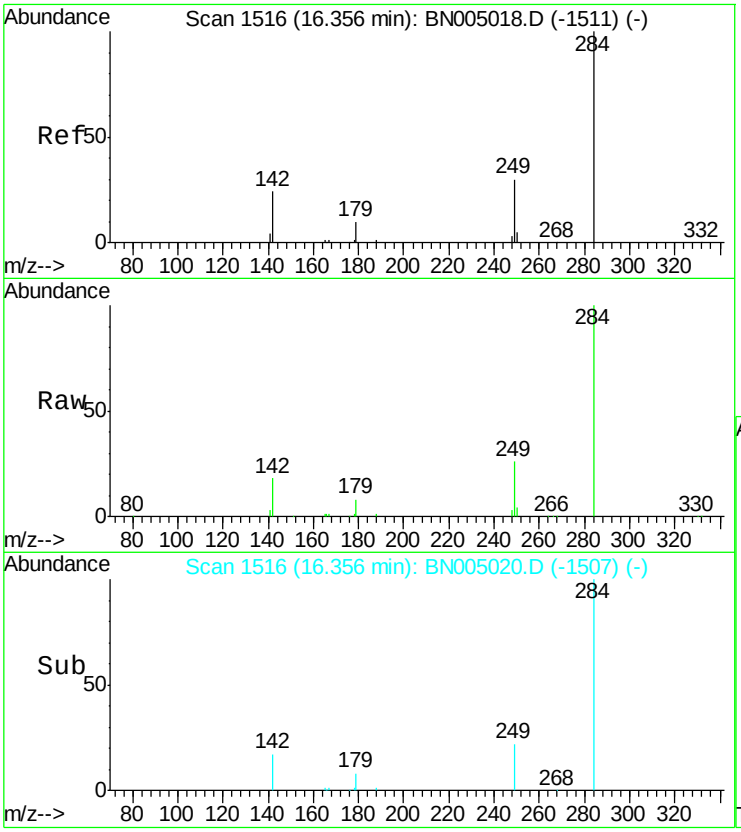


#20
4-Bromophenyl-phenylether
Concen: 1.418 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:248 Resp: 16485

Ion	Ratio	Lower	Upper
248	100		
250	105.2	78.6	117.8
141	43.9	43.6	65.4



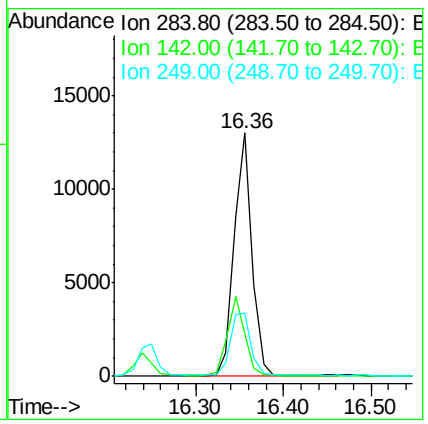


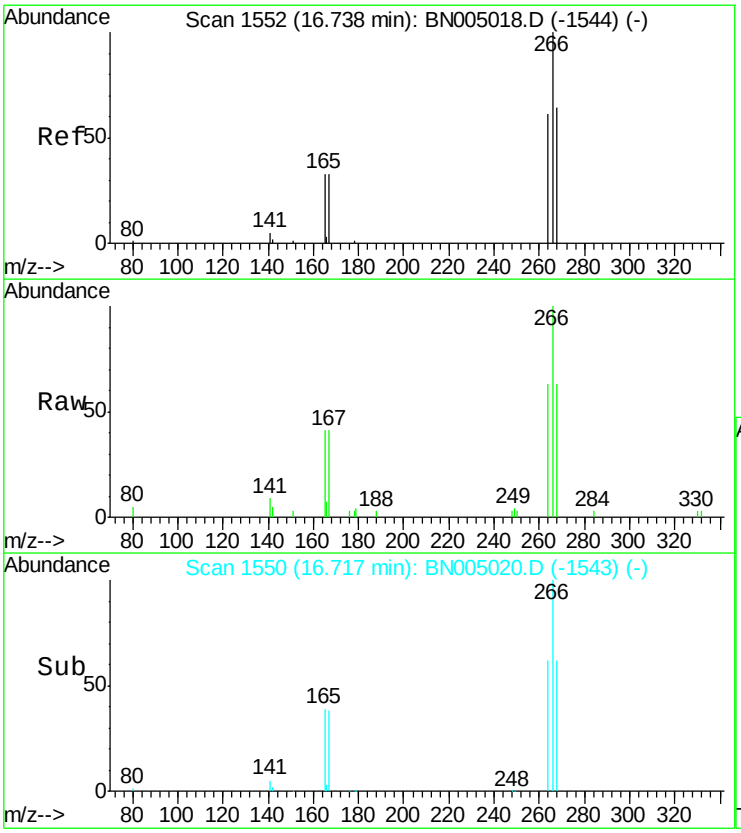
#21
Hexachlorobenzene
Concen: 1.359 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 18087

Ion	Ratio	Lower	Upper
284	100		
142	31.4	24.9	37.3
249	29.3	23.8	35.6

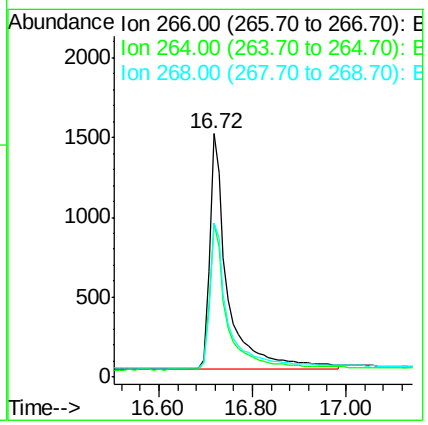


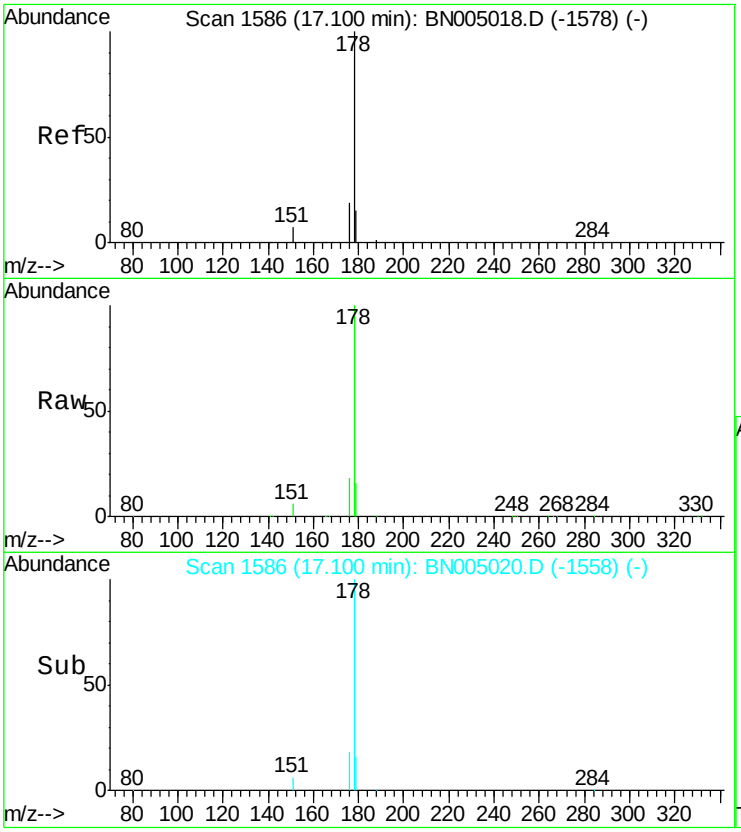


#22
Pentachlorophenol
Concen: 1.512 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:266 Resp: 3934

Ion	Ratio	Lower	Upper
266	100		
264	63.2	53.4	80.0
268	63.3	58.9	88.3



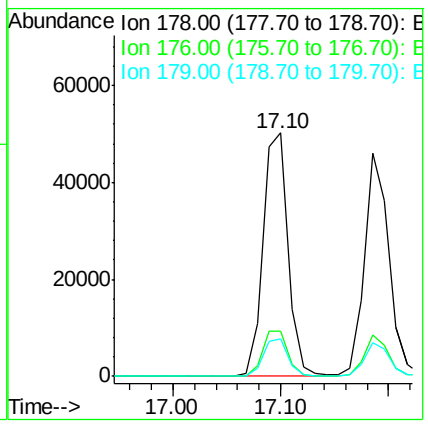


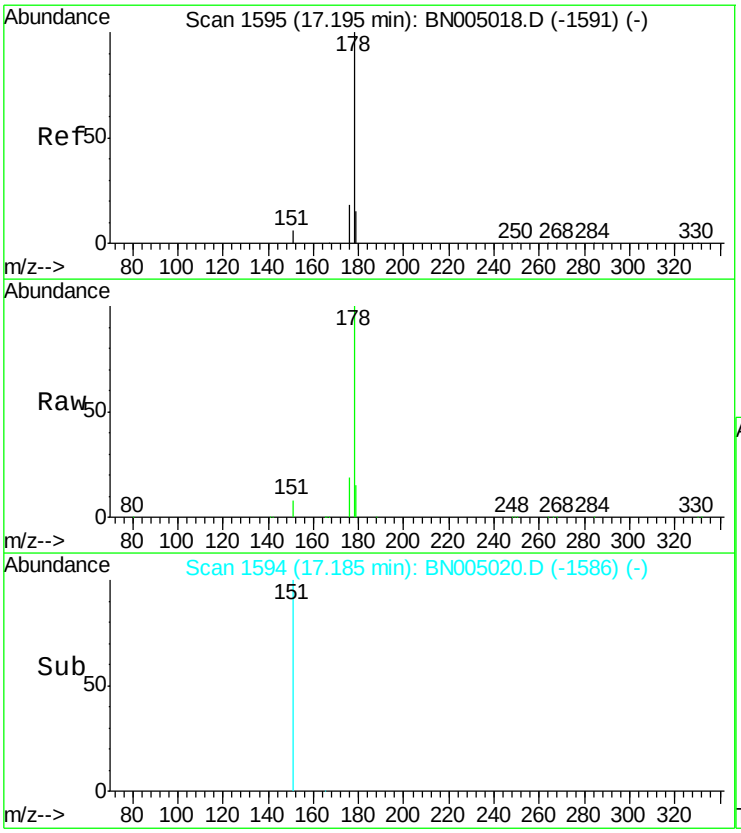
#23
Phenanthrene
Concen: 1.395 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 80173

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.2	18.2

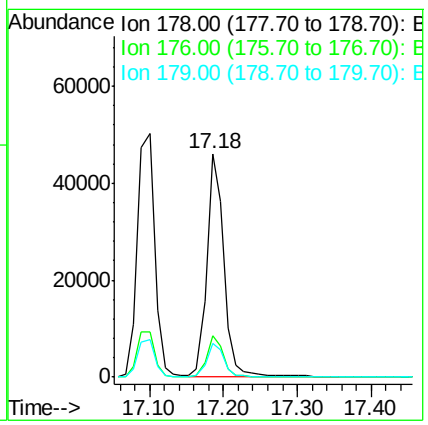


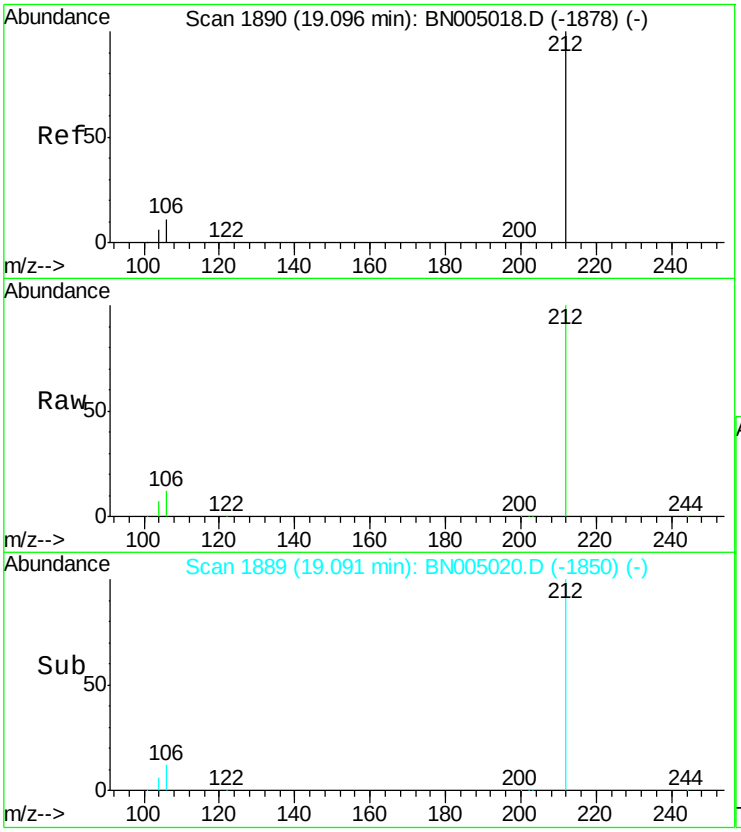


#24
Anthracene
Concen: 1.418 ng
RT: 17.18 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:178 Resp: 72781

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



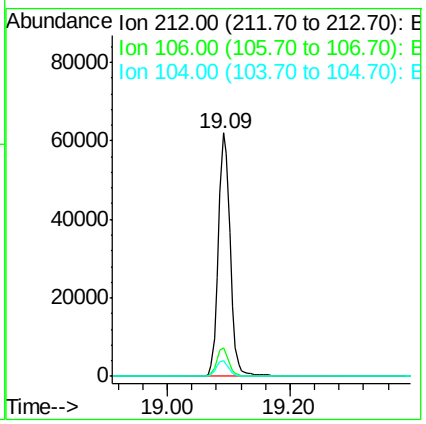


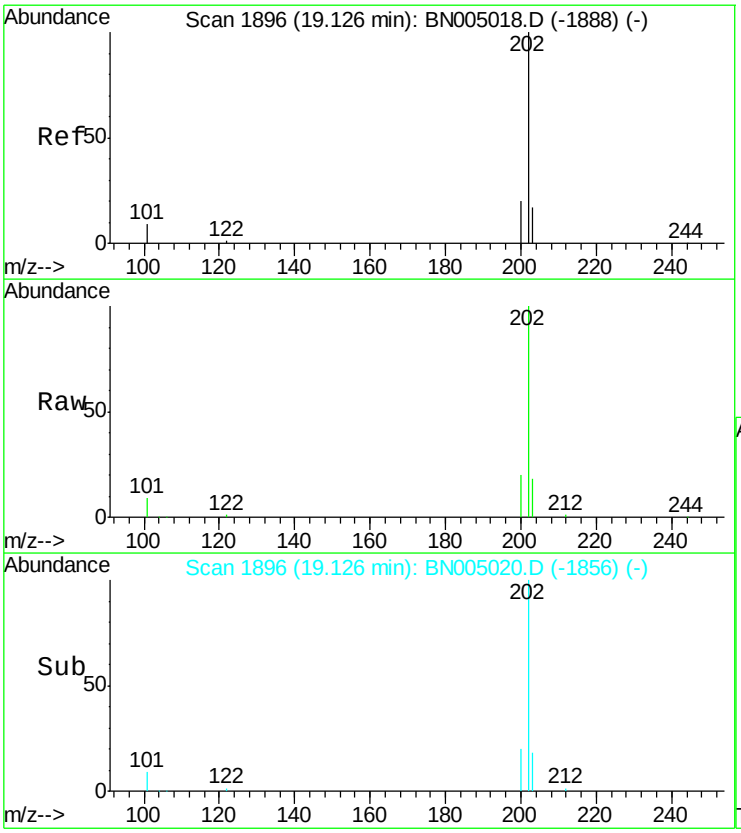
#25
Fluoranthene-d10
Concen: 1.378 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 82126

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.2
104	6.6	5.4	8.0

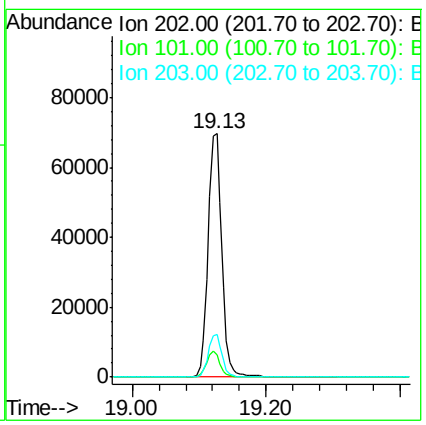


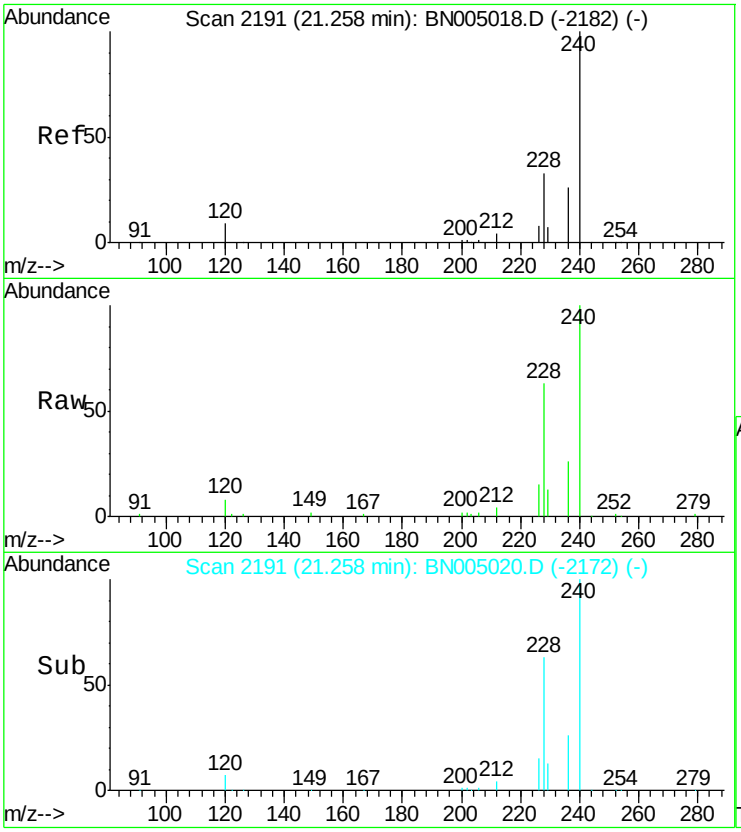


#26
Fluoranthene
Concen: 1.329 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:202 Resp: 98178

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.4	13.8	20.8



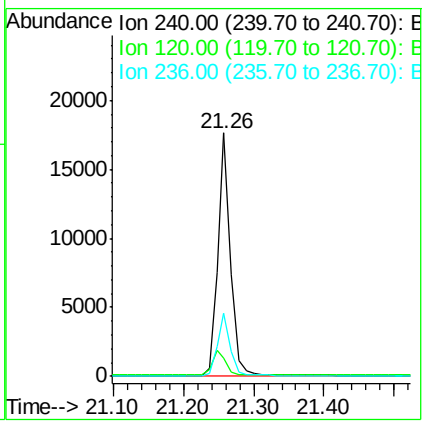


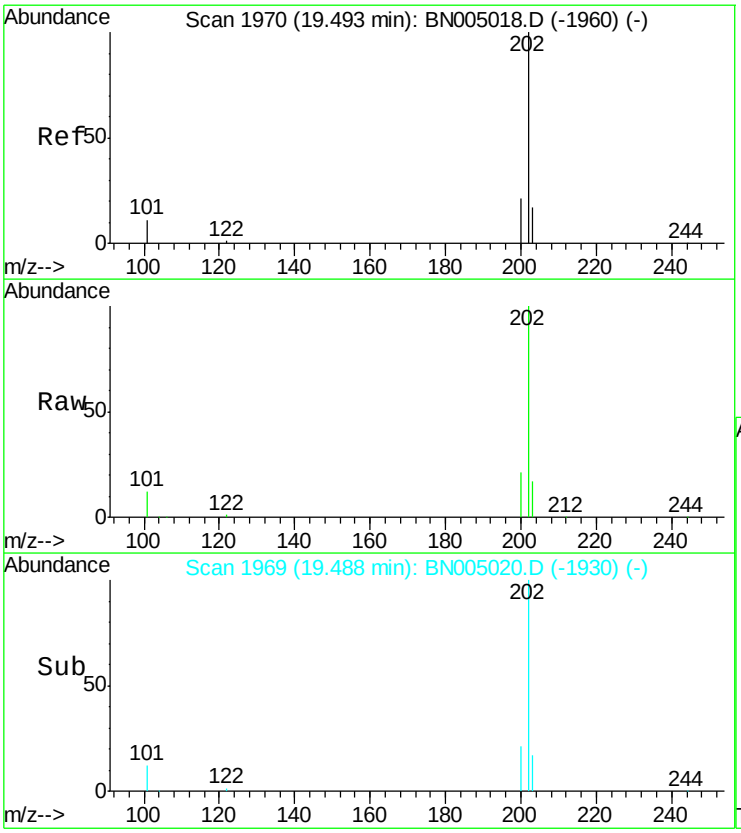
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 22348

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.4	11.0
236	25.9	21.0	31.6

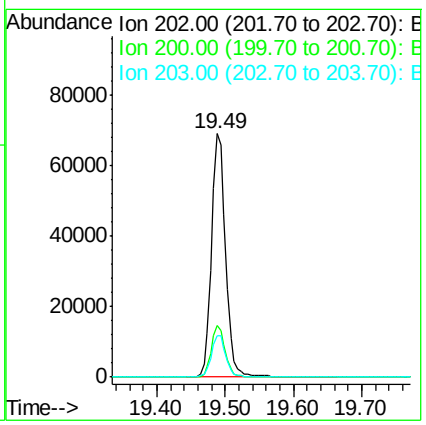


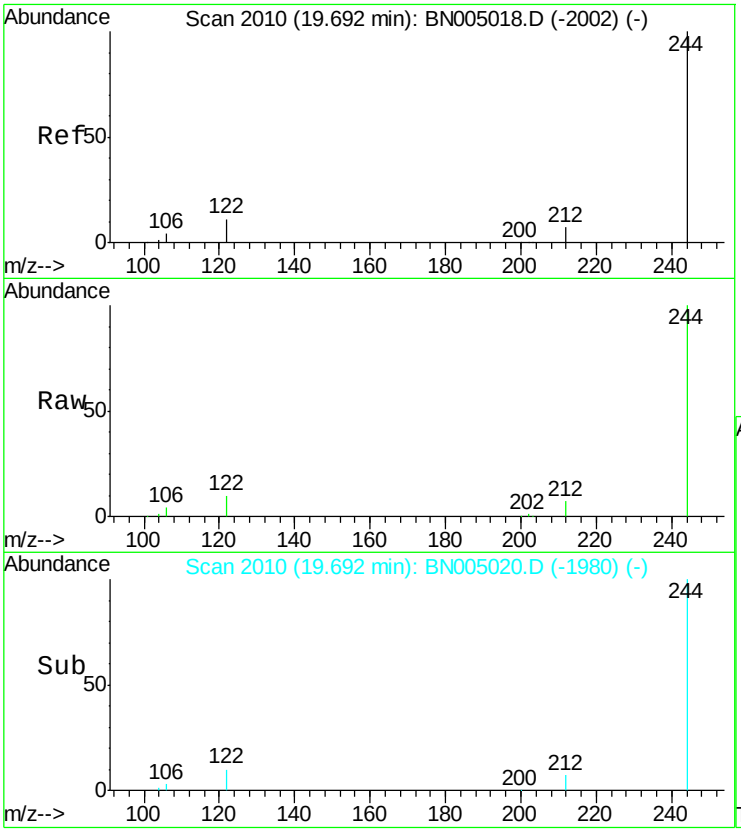


#28
Pyrene
Concen: 1.447 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:202 Resp: 98589

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9



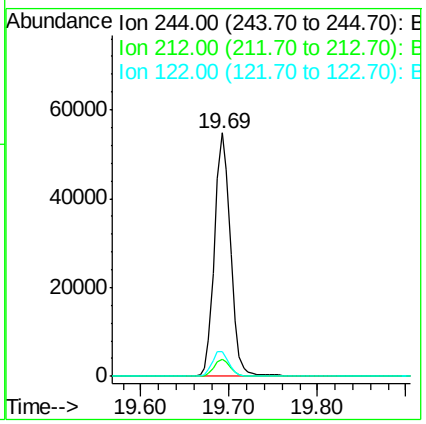


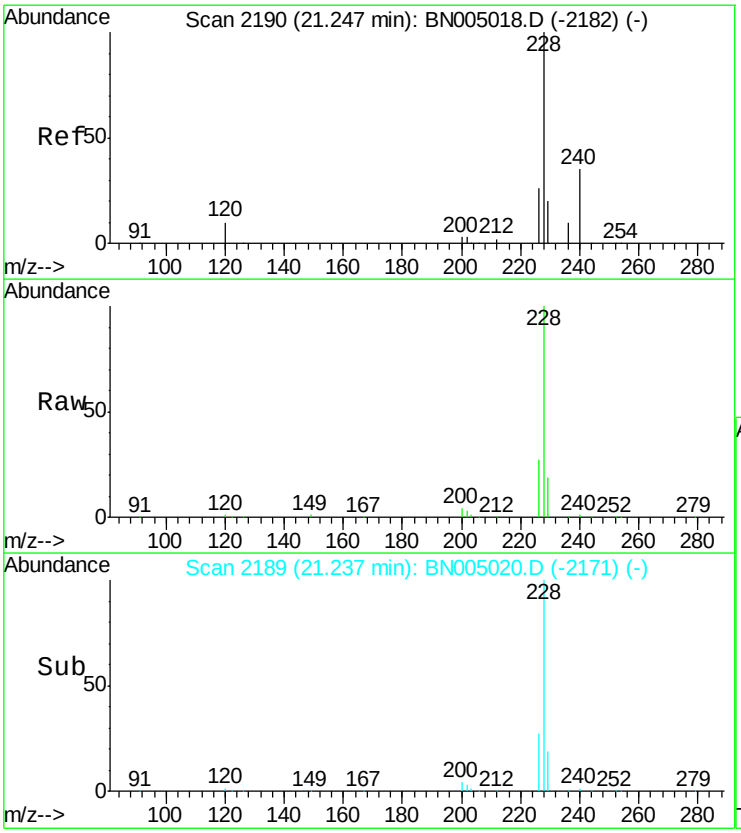
#29
Terphenyl-d14
Concen: 1.498 ng
RT: 19.69 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 68482

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.2	9.0	13.4

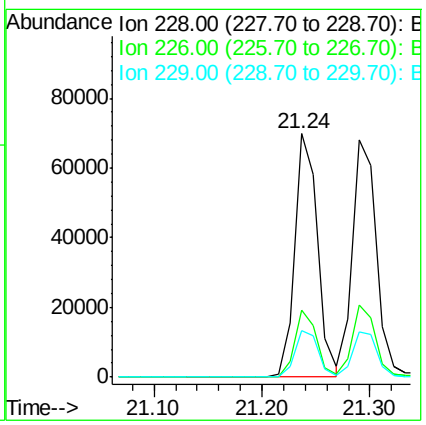


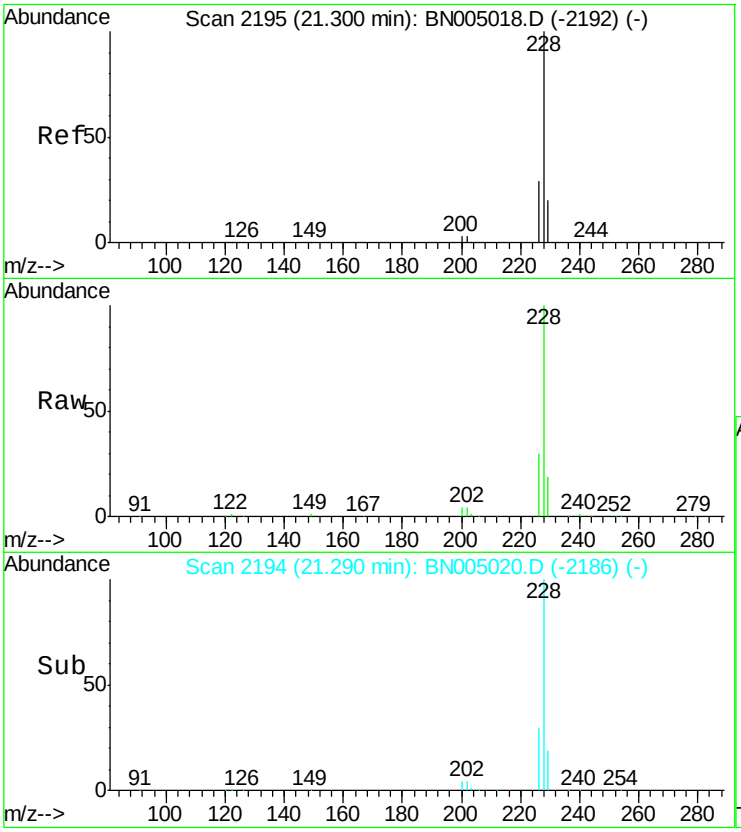


#30
Benzo(a)anthracene
Concen: 1.375 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:228 Resp: 100742

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.9	31.3
229	19.1	16.2	24.2



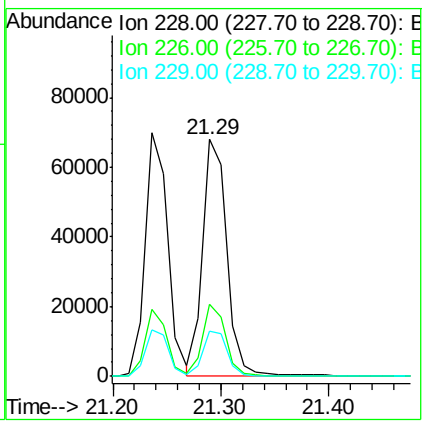


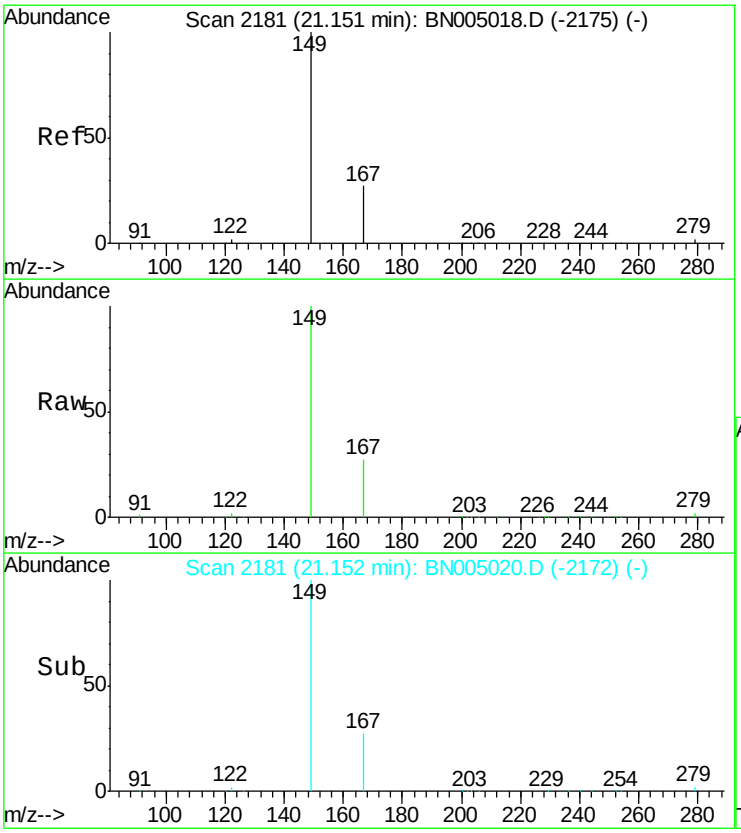
#31
Chrysene
Concen: 1.349 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 104138

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.8	34.2
229	19.2	16.2	24.4

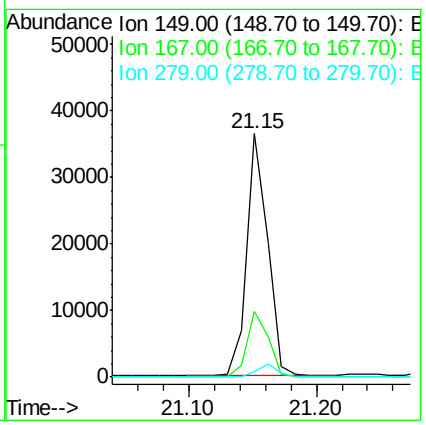


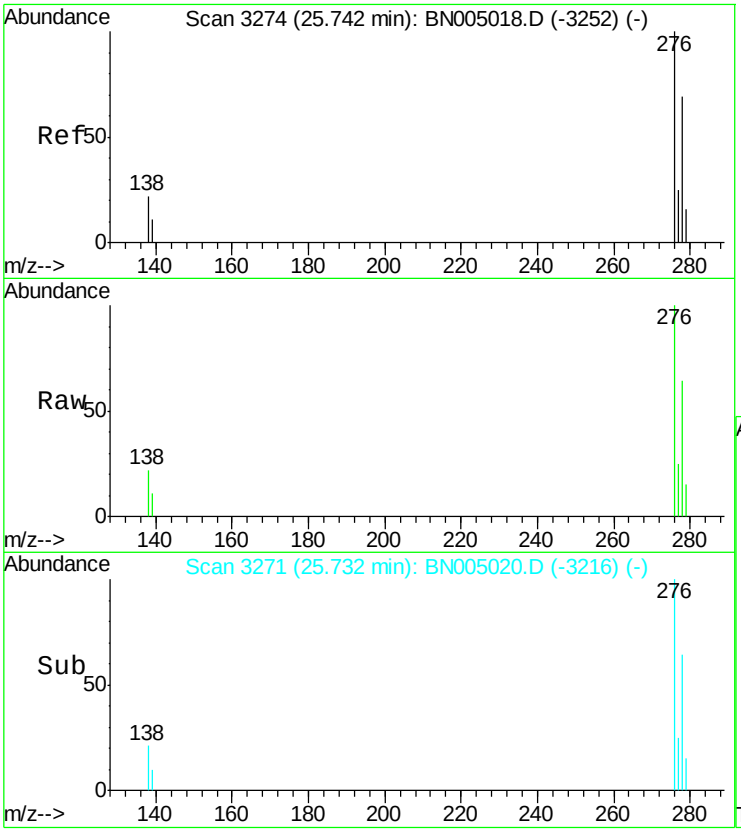


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.406 ng
RT: 21.15 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:149 Resp: 41159

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	5.2	4.2	6.4



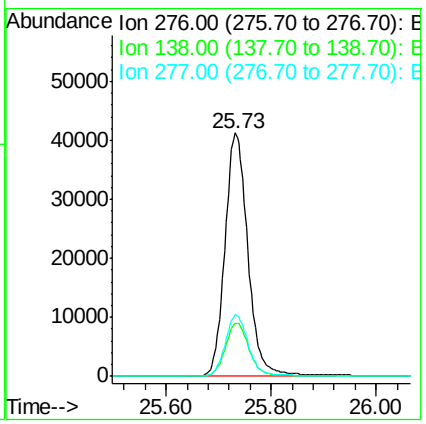


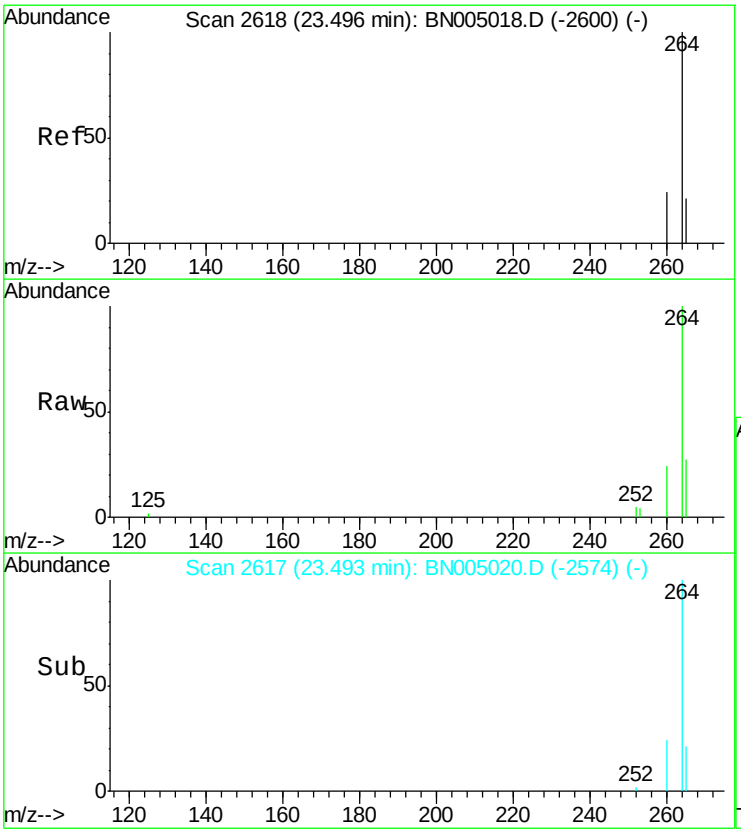
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.119 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 124964

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

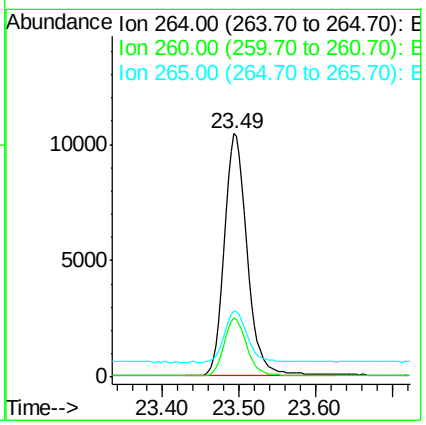


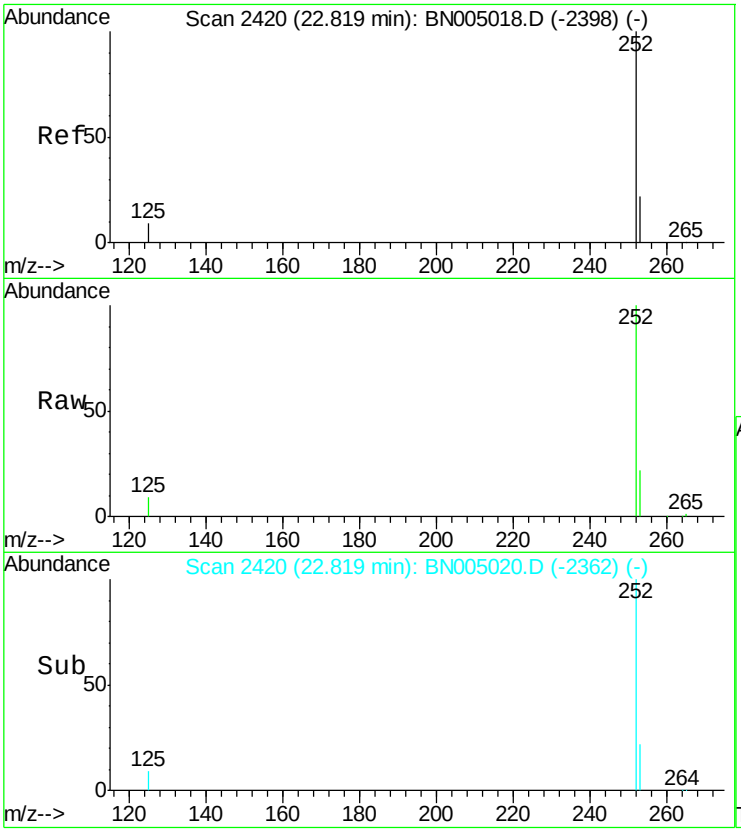


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:264 Resp: 21887

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	27.2	22.5	33.7



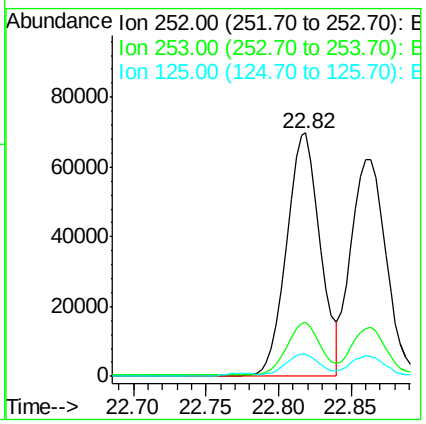


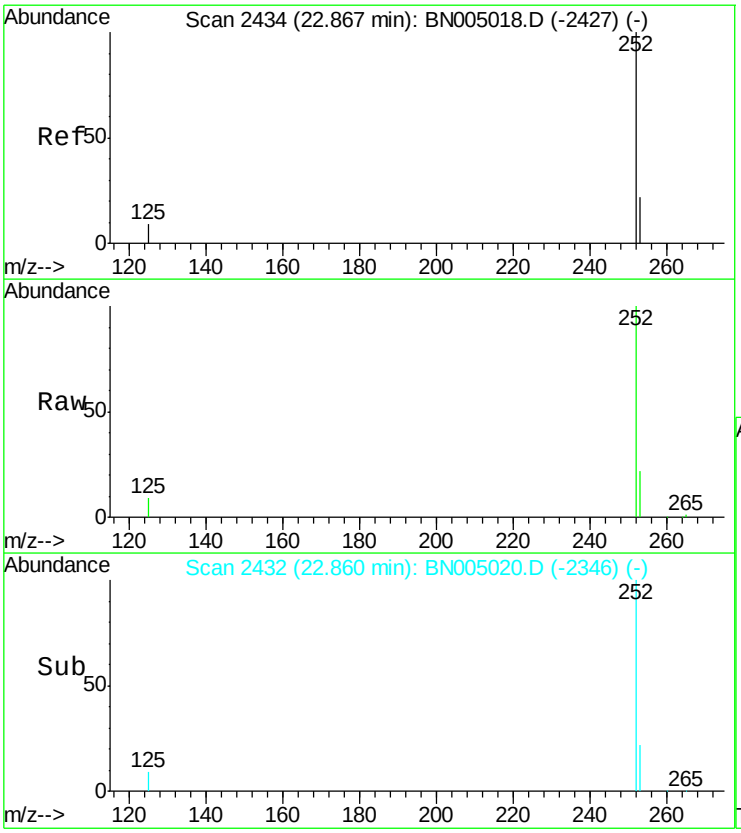
#35
Benzo(b)fluoranthene
Concen: 1.418 ng
RT: 22.82 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 112269

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	9.1	8.2	12.2

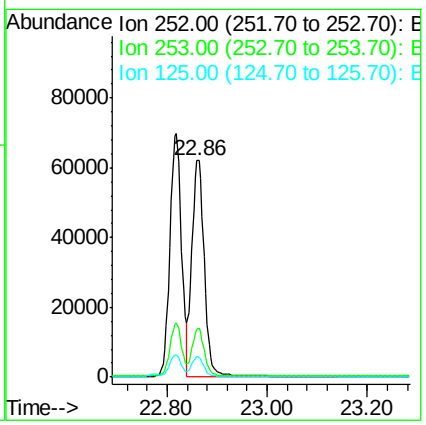


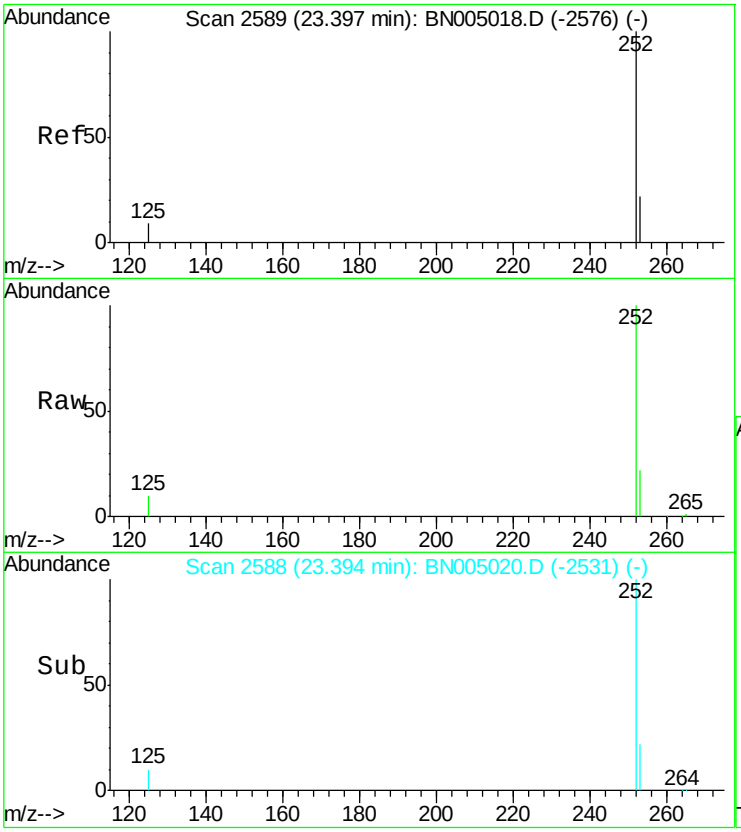


#36
Benzo(k)fluoranthene
Concen: 1.373 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:252 Resp: 106943

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.3	28.9
125	9.4	8.2	12.2



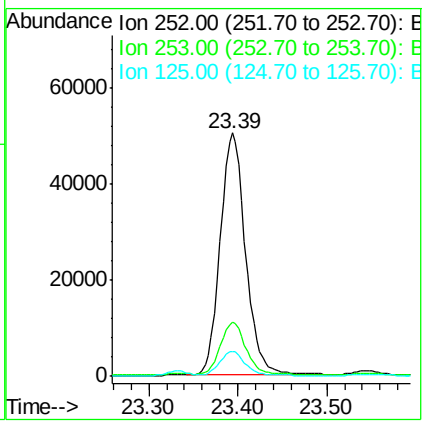


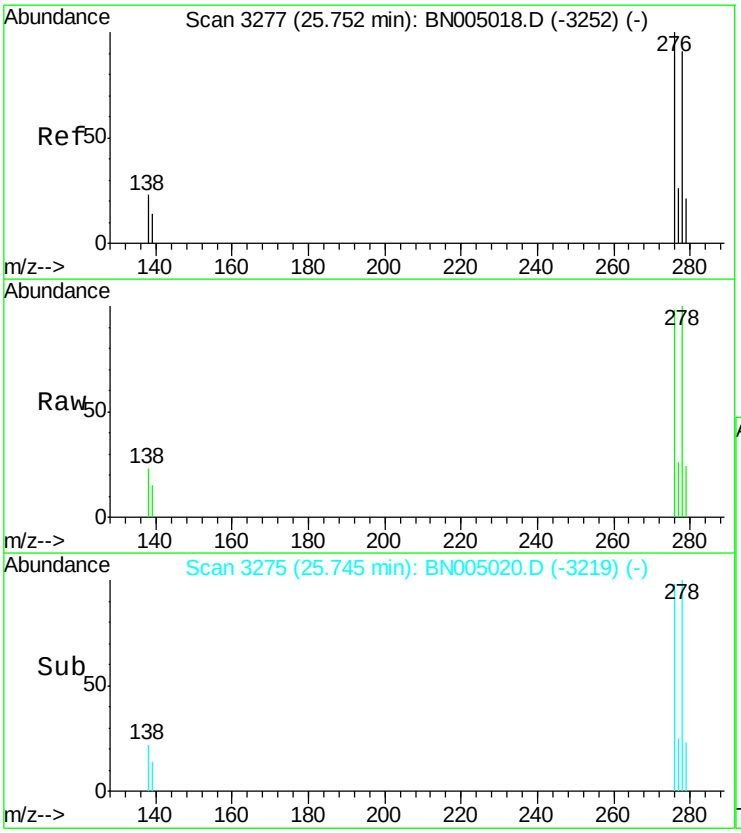
#37
Benzo(a)pyrene
Concen: 1.378 ng
RT: 23.39 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 100066

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.2	30.2
125	10.4	9.2	13.8

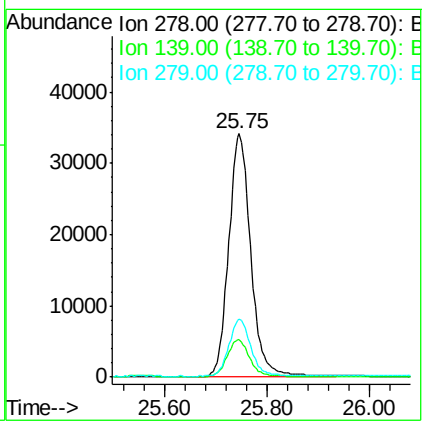


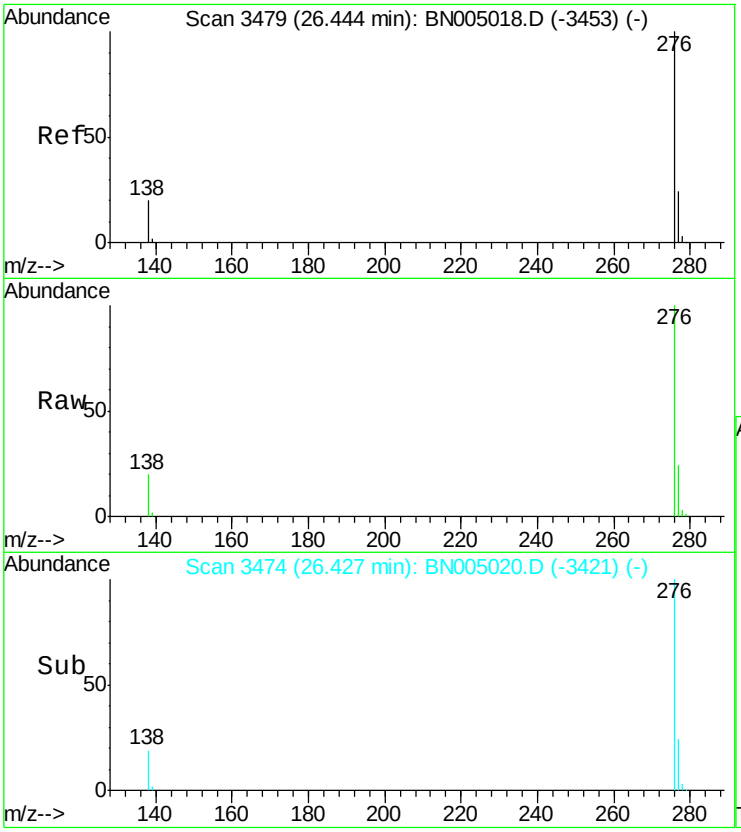


#38
Dibenzo(a,h)anthracene
Concen: 1.210 ng
RT: 25.75 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Tgt Ion:278 Resp: 101807

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.1	19.7
279	23.6	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 1.184 ng
RT: 26.43 min Scan# 3474
Delta R.T. -0.02 min
Lab File: BN005020.D
Acq: 28 Mar 2019 19:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 101484

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.6
138	19.7	16.4	24.6