Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
Data File : BN005019.D
Acq On : 28 Mar 2019 19:13
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Mar 29 03:23:55 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	2727	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	11749	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7228	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	17326	0.40	ng		0.00
27) Chrysene-d12	21.26	240	21650	0.40	ng		0.00
34) Perylene-d12	23.50	264	20985	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	5590	0.75	ng		0.00
5) Phenol-d6	6.84	99	6589	0.71	ng		0.00
8) Nitrobenzene-d5	8.82	82	5505	0.71	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	15092	0.74	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	3162	0.63	ng		0.00
15) 2-Fluorobiphenyl	12.92	172	22483	0.75	ng		0.00
25) Fluoranthene-d10	19.10	212	40388	0.70	ng		0.00
29) Terphenyl-d14	19.69	244	34623	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	2294	0.740	ng		97
3) n-Nitrosodimethylamine	3.52	42	1409	0.769	ng	#	93
6) bis(2-Chloroethyl)ether	7.10	93	6382	0.766	ng		99
9) Naphthalene	10.49	128	24390	0.740	ng		99
10) Hexachlorobutadiene	10.76	225	4475	0.712	ng	#	99
12) 2-Methylnaphthalene	12.11	142	17698	0.723	ng		99
16) Acenaphthylene	14.02	152	27781	0.746	ng		100
17) Acenaphthene	14.37	154	17767	0.729	ng		100
18) Fluorene	15.36	166	24052	0.707	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	8174	0.722	ng		96
21) Hexachlorobenzene	16.36	284	9019	0.696	ng		100
22) Pentachlorophenol	16.73	266	1678	0.662	ng		94
23) Phenanthrene	17.10	178	39612	0.708	ng		100
24) Anthracene	17.20	178	35423	0.709	ng		100
26) Fluoranthene	19.13	202	48600	0.676	ng		100
28) Pyrene	19.49	202	49208	0.745	ng		100
30) Benzo(a)anthracene	21.25	228	48072	0.677	ng		99
31) Chrysene	21.30	228	52053	0.696	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	18473	0.651	ng		99
33) Indeno(1,2,3-cd)pyrene	25.74	276	60652	0.561	ng		100
35) Benzo(b)fluoranthene	22.82	252	55476	0.731	ng		98
36) Benzo(k)fluoranthene	22.86	252	53100	0.711	ng		98
37) Benzo(a)pyrene	23.40	252	49138	0.706	ng		97
38) Dibenzo(a,h)anthracene	25.75	278	49595	0.615	ng		98
39) Benzo(g,h,i)perylene	26.43	276	49693	0.605	ng		99

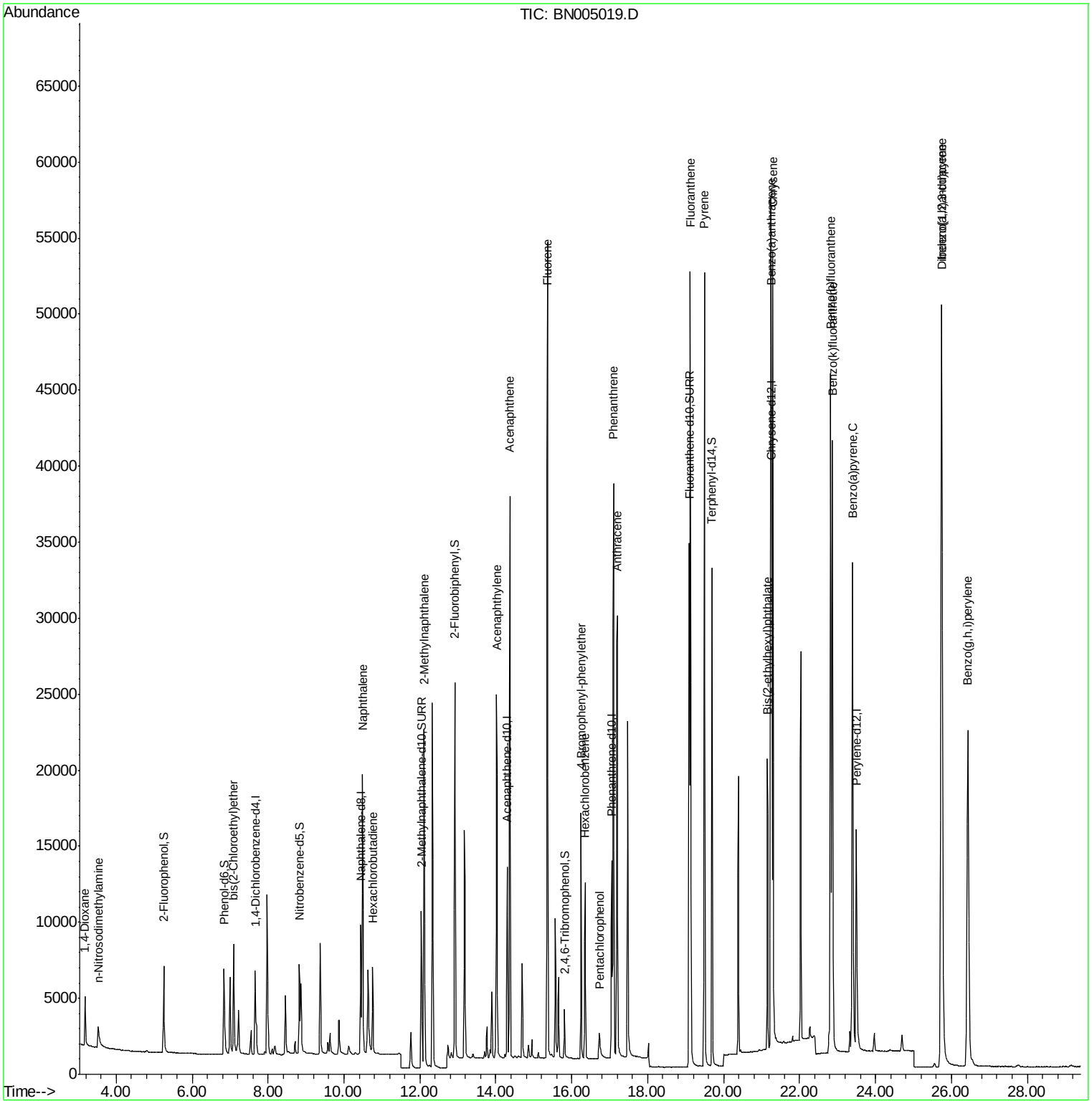
(#) = qualifier out of range (m) = manual integration (+) = signals summed

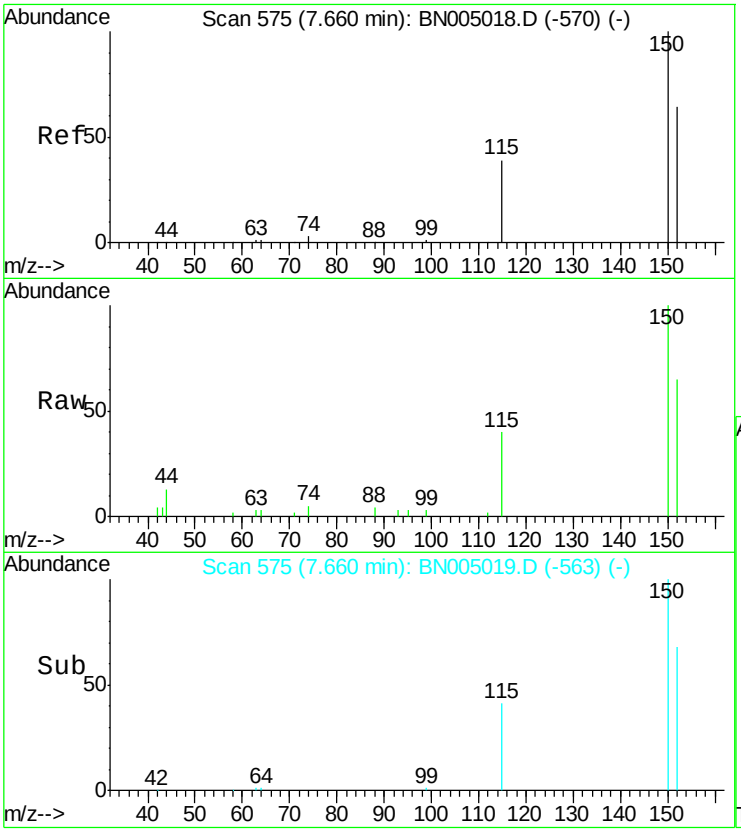
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032819\
Data File : BN005019.D
Acq On : 28 Mar 2019 19:13
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Mar 29 03:23:55 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



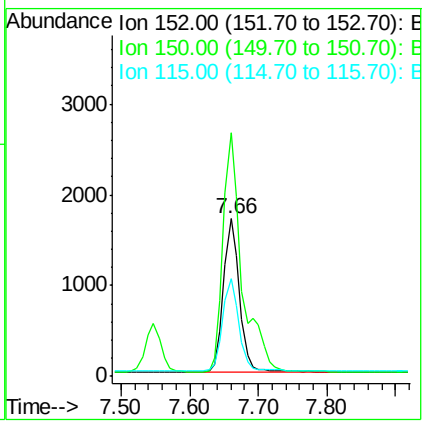


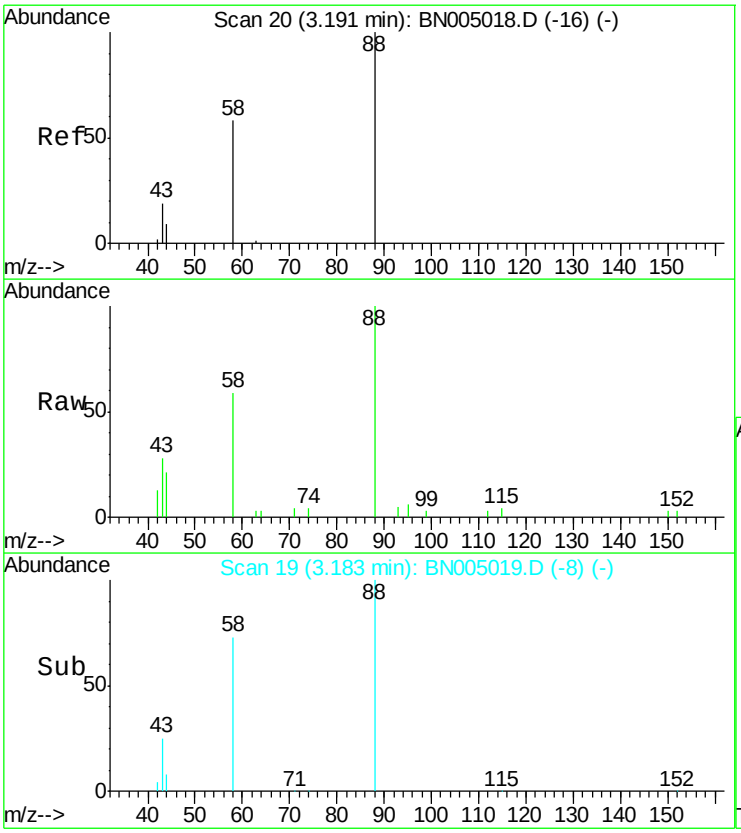
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2727

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.4	185.2
115	62.2	50.0	75.0

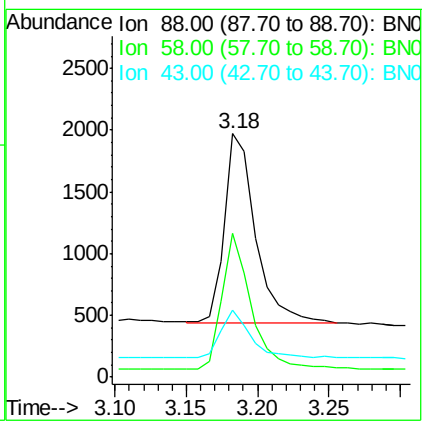


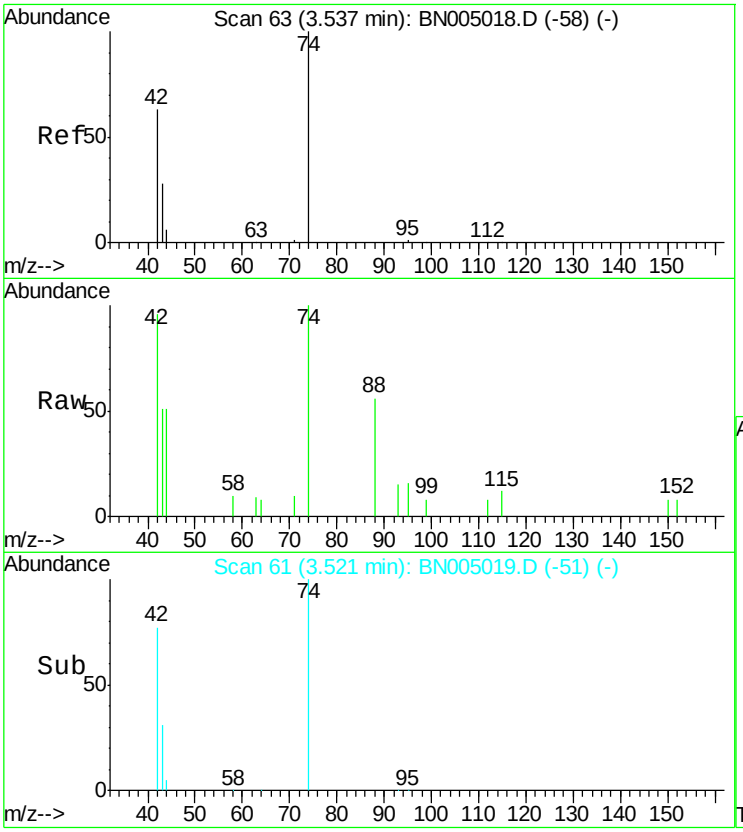


#2
1,4-Dioxane
Concen: 0.740 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion: 88 Resp: 2294

Ion	Ratio	Lower	Upper
88	100		
58	69.1	52.8	79.2
43	23.5	19.6	29.4



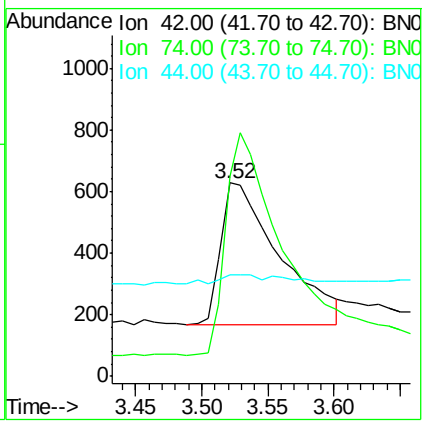


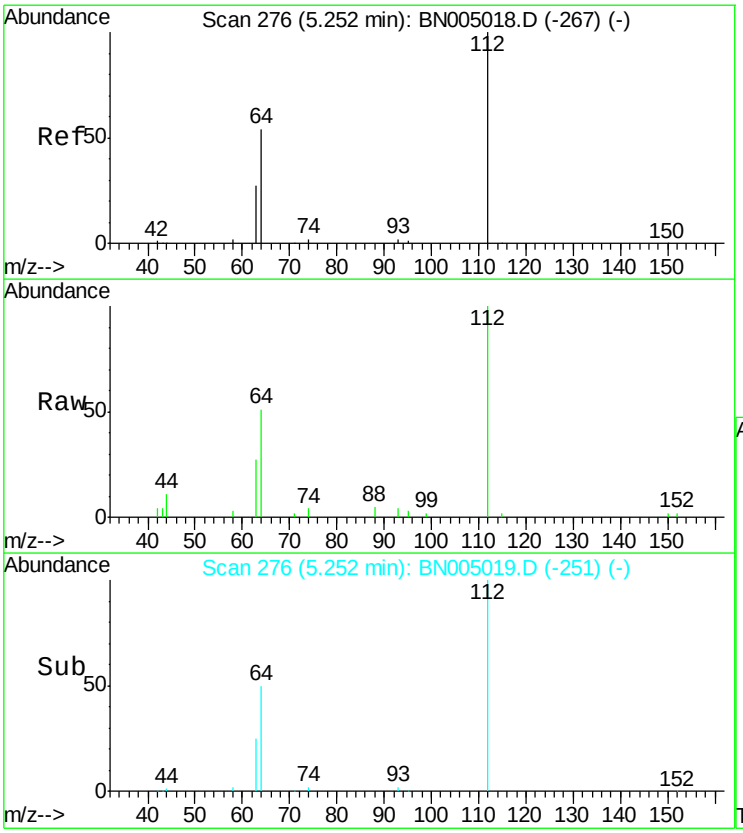
#3
n-Nitrosodimethylamine
Concen: 0.769 ng
RT: 3.52 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1409

Ion	Ratio	Lower	Upper
42	100		
74	153.7	129.1	193.7
44	7.8	11.6	17.4#

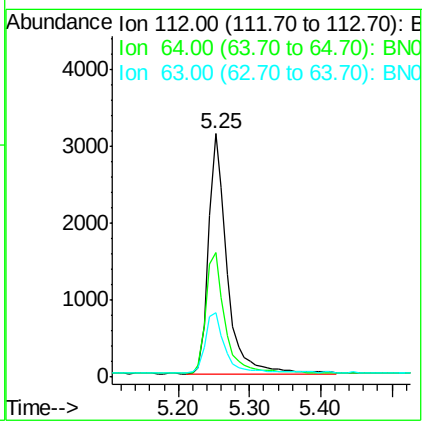


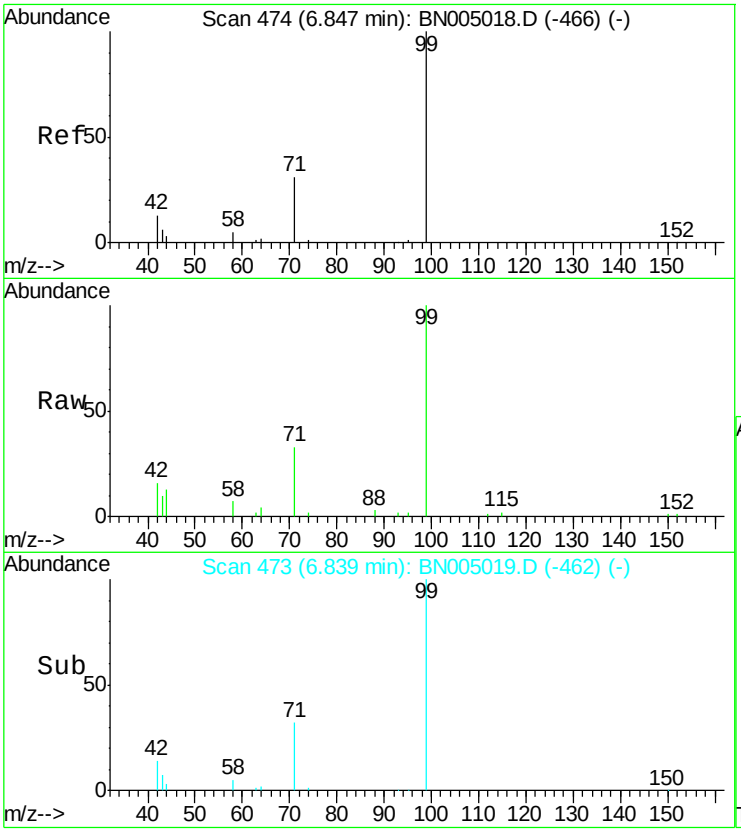


#4
2-Fluorophenol
Concen: 0.754 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:112 Resp: 5590

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.9	62.9
63	26.5	21.5	32.3



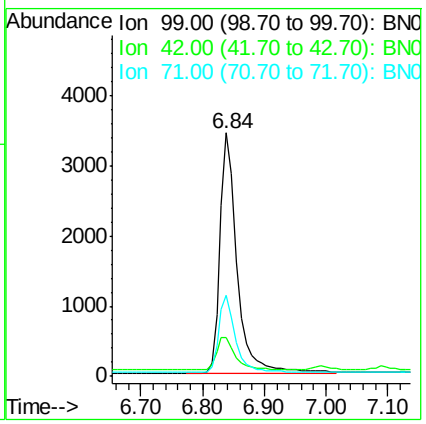


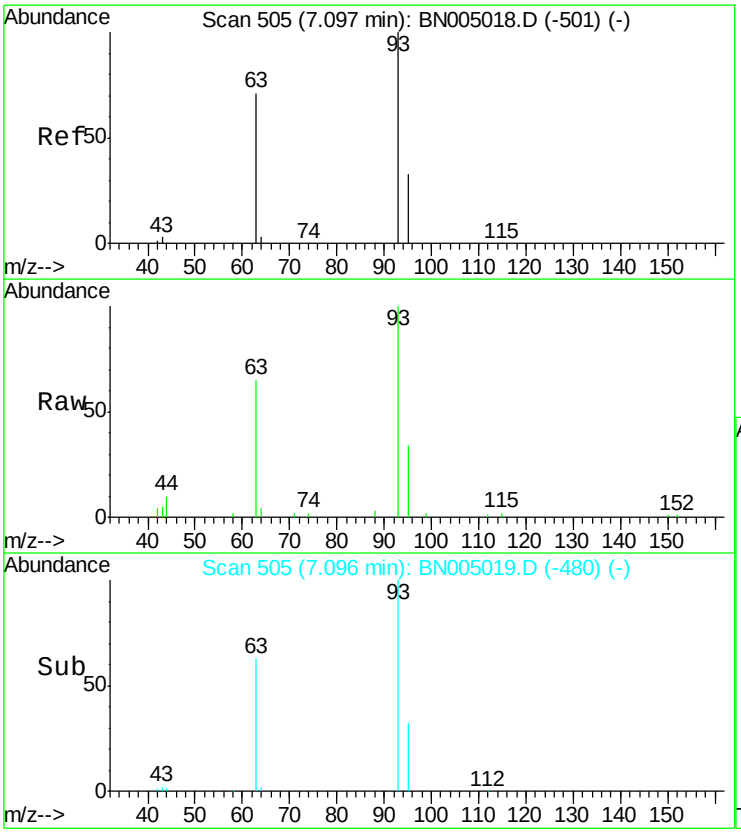
#5
Phenol-d6
Concen: 0.714 ng
RT: 6.84 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 6589

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.2	18.2
71	32.3	26.1	39.1

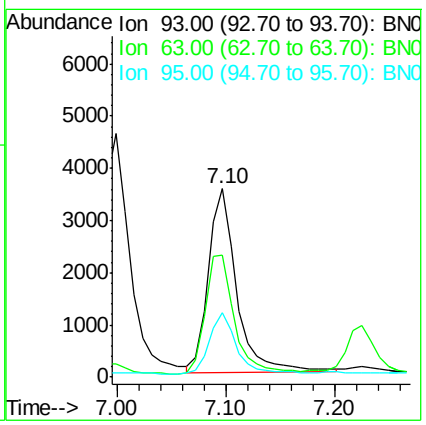


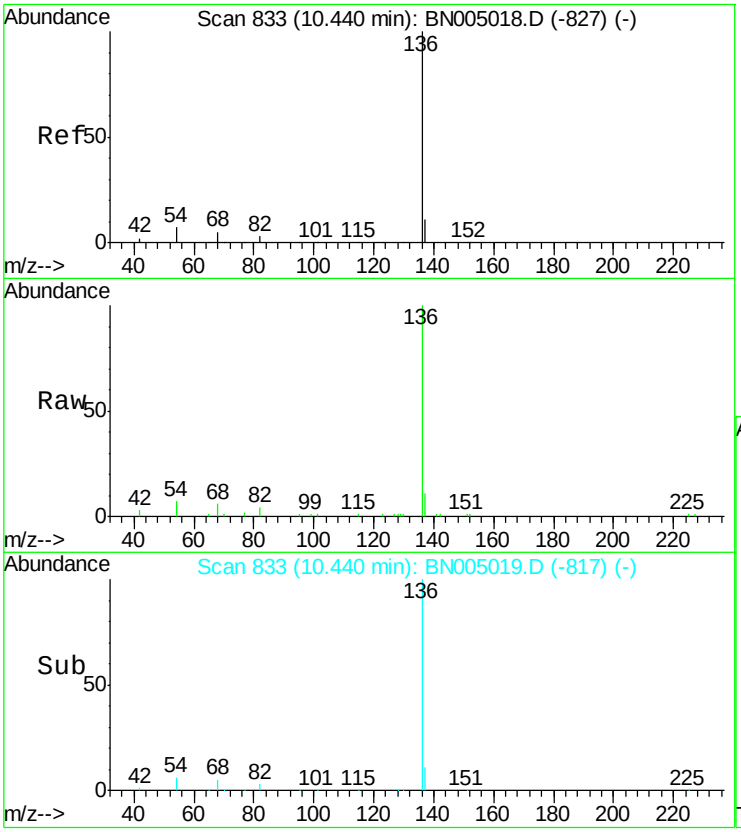


#6
bis(2-Chloroethyl)ether
Concen: 0.766 ng
RT: 7.10 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion: 93 Resp: 6382

Ion	Ratio	Lower	Upper
93	100		
63	65.7	51.8	77.6
95	31.5	24.8	37.2



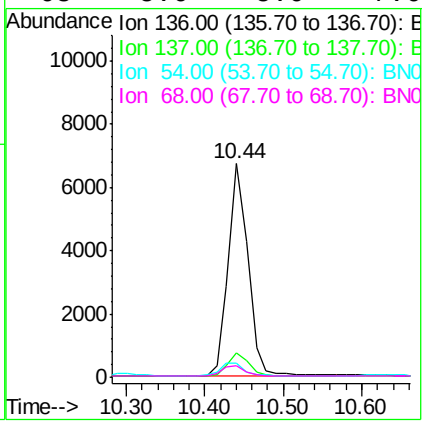


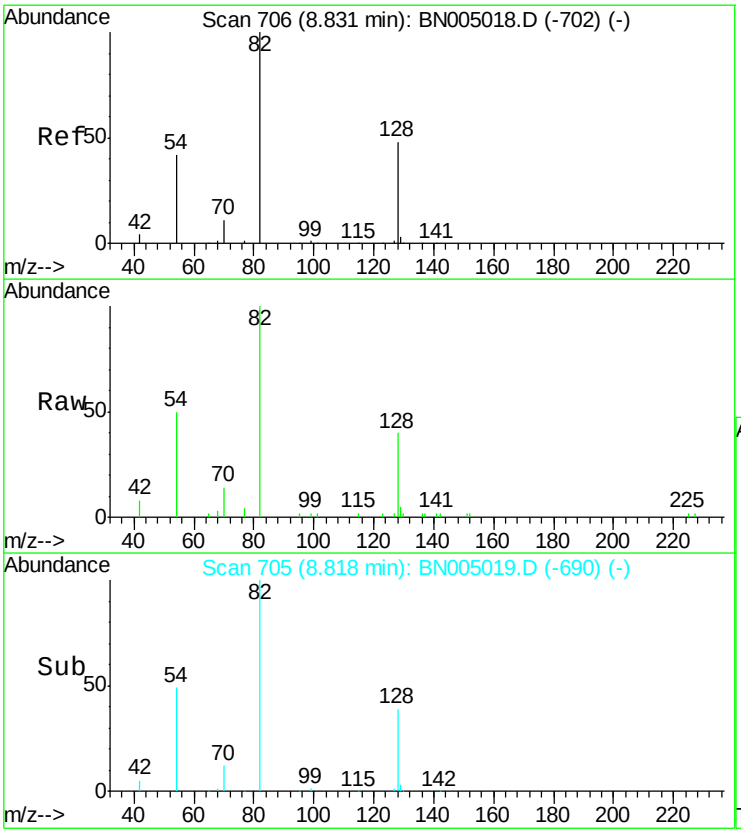
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 11749

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.5	6.0	9.0
68	5.6	5.0	7.6

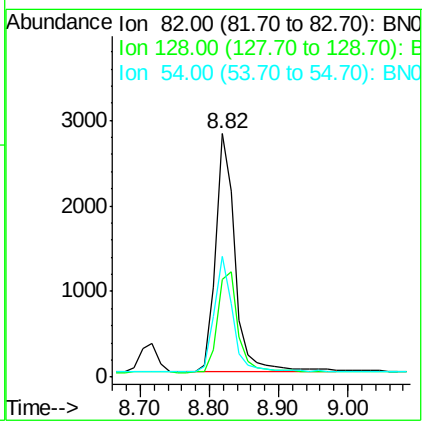


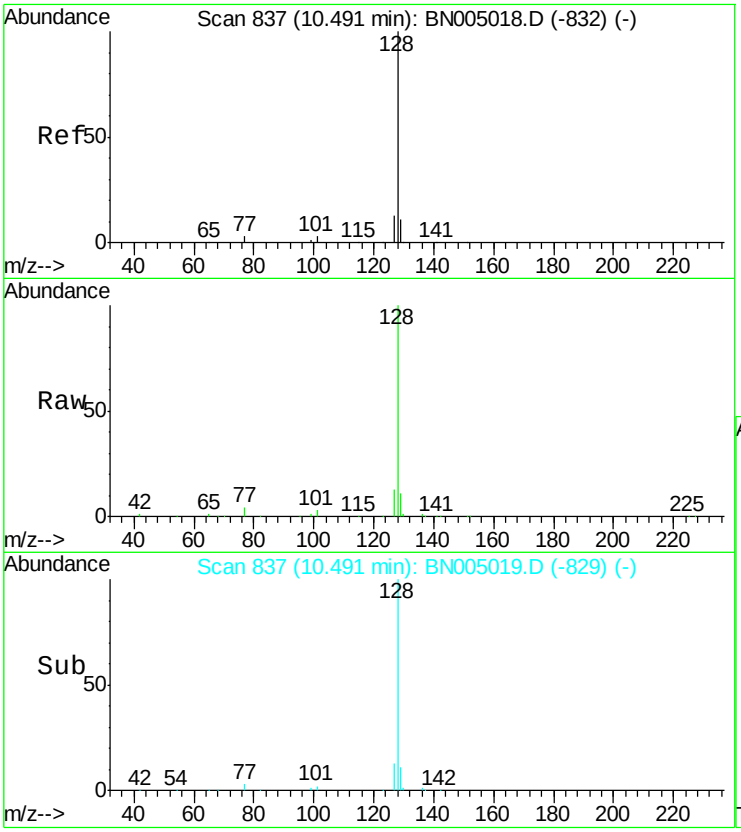


#8
Nitrobenzene-d5
Concen: 0.708 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion: 82 Resp: 5505

Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.5	60.7#
54	49.8	35.7	53.5



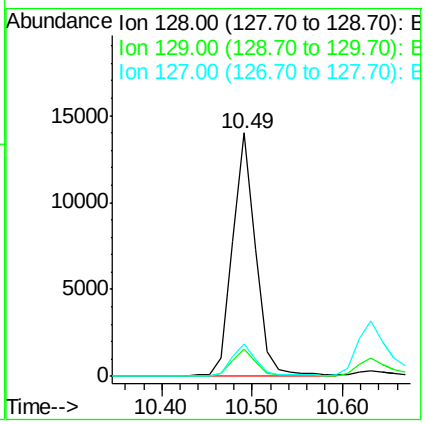


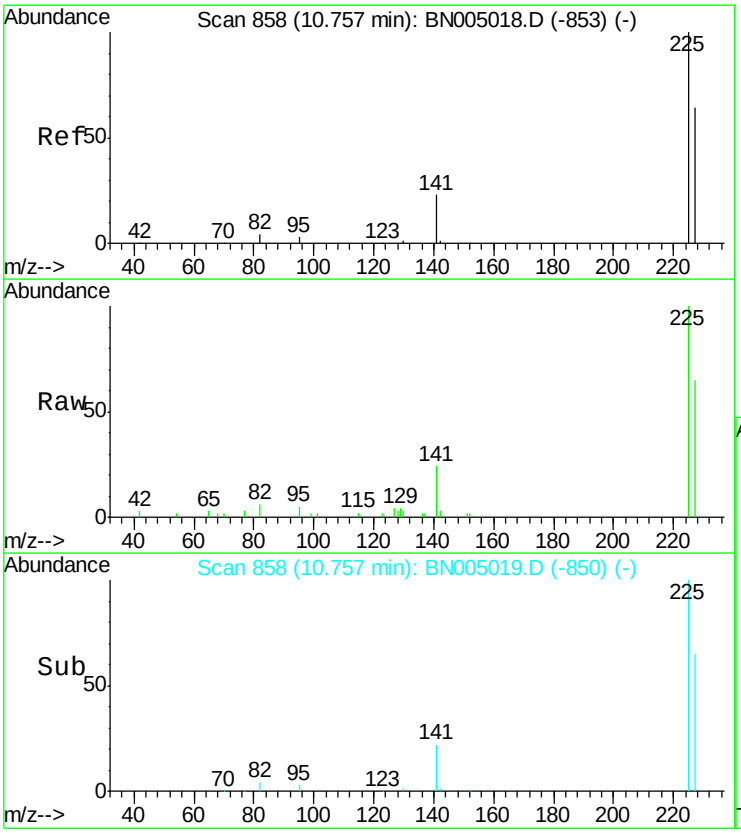
#9
Naphthalene
Concen: 0.740 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 24390

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.4	11.0	16.6

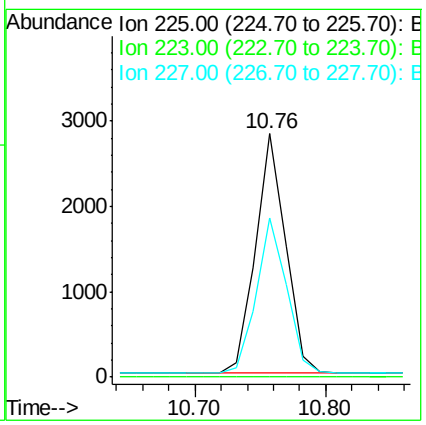


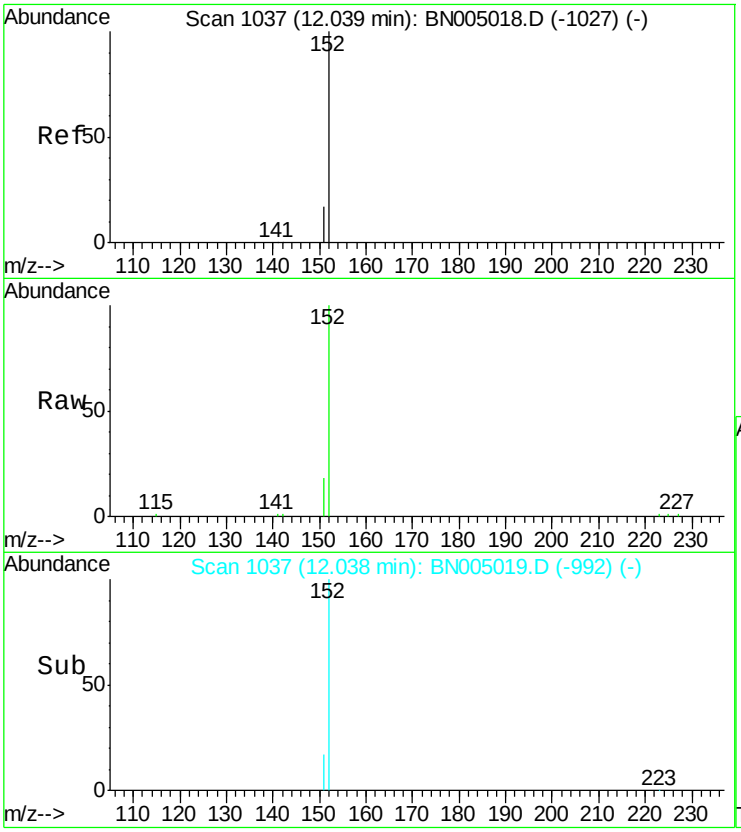


#10
Hexachlorobutadiene
Concen: 0.712 ng
RT: 10.76 min Scan# 858
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:225 Resp: 4475

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	51.5	77.3



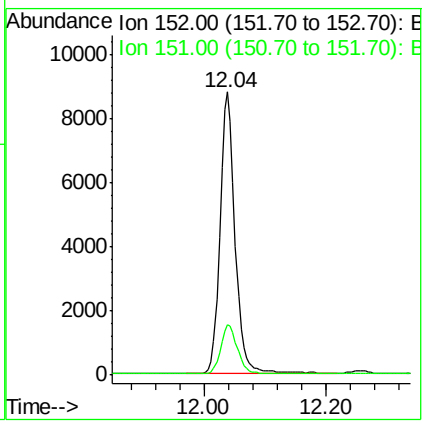


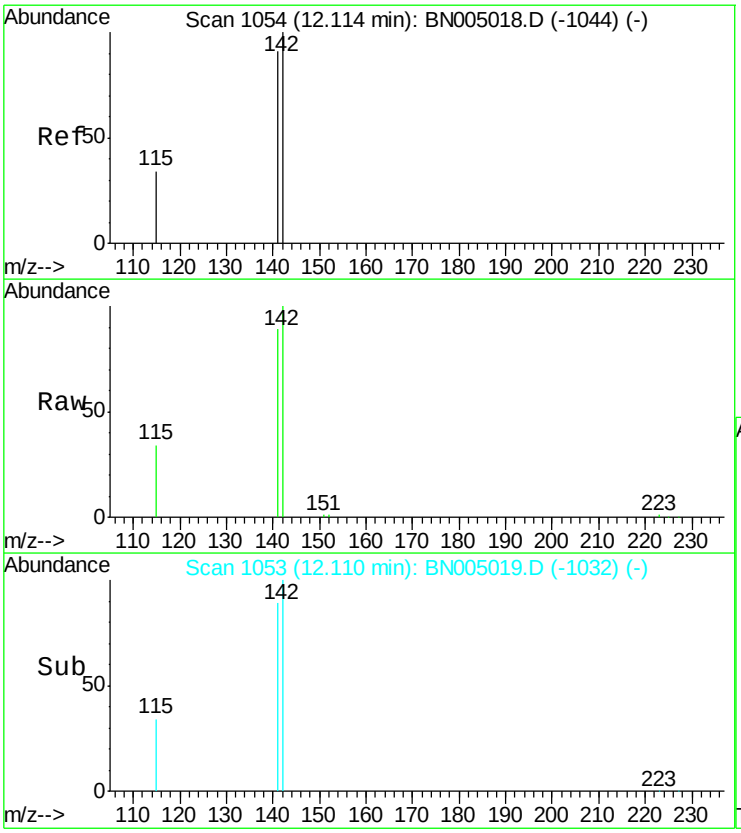
#11
2-Methylnaphthalene-d10
Concen: 0.736 ng
RT: 12.04 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 15092

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

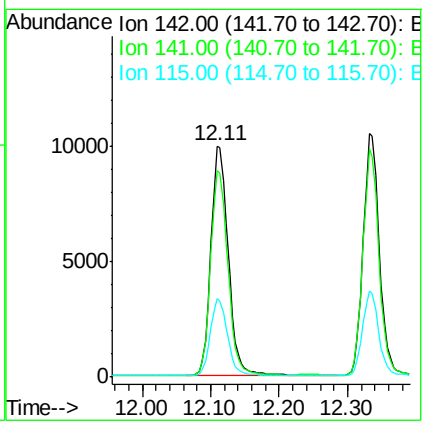


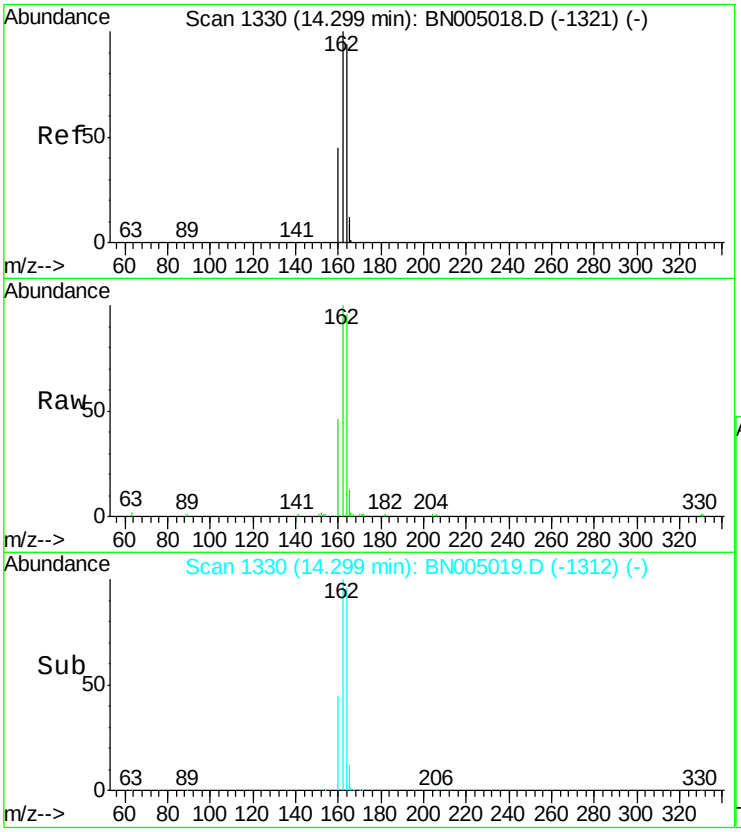


#12
2-Methylnaphthalene
Concen: 0.723 ng
RT: 12.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:142 Resp: 17698

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8
115	34.0	27.8	41.8



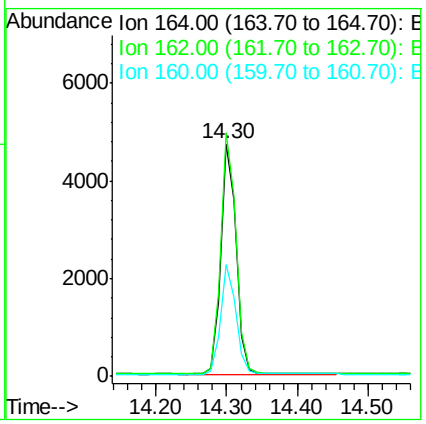


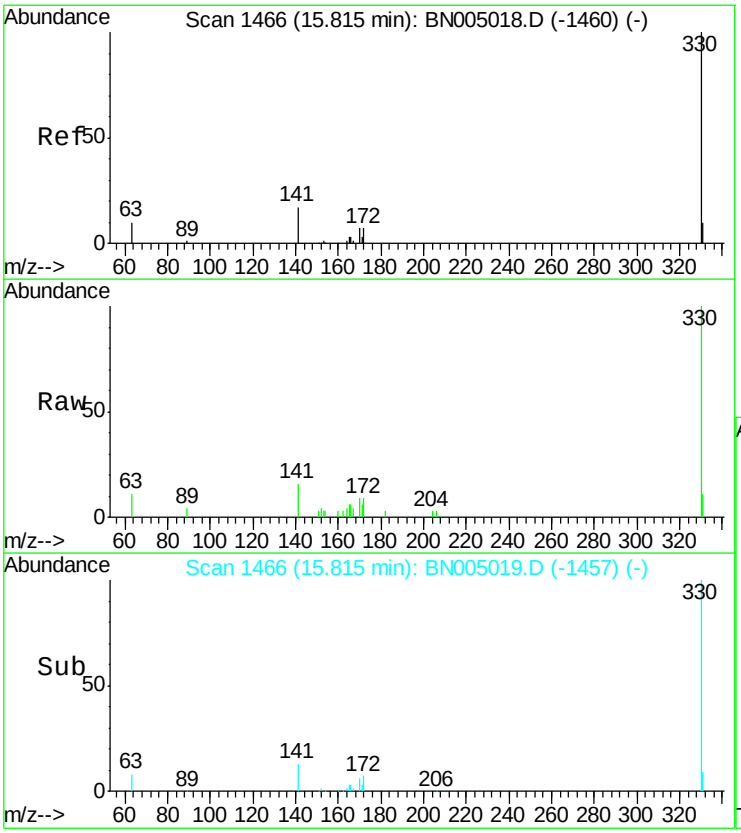
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 7228

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

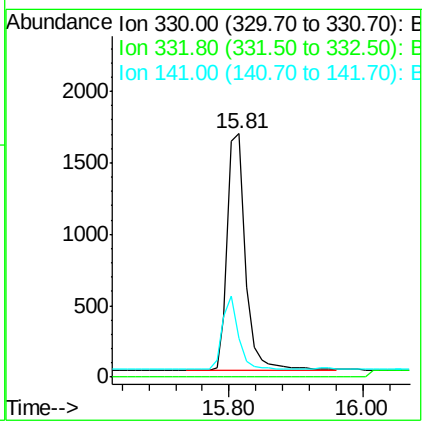


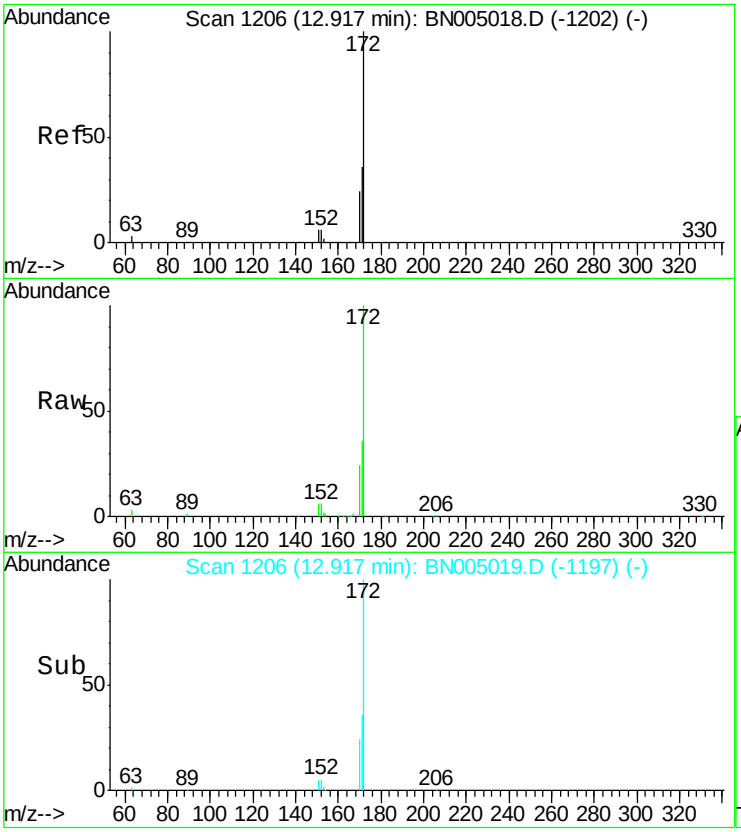


#14
2,4,6-Tribromophenol
Concen: 0.633 ng
RT: 15.81 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:330 Resp: 3162

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.6	21.3	31.9



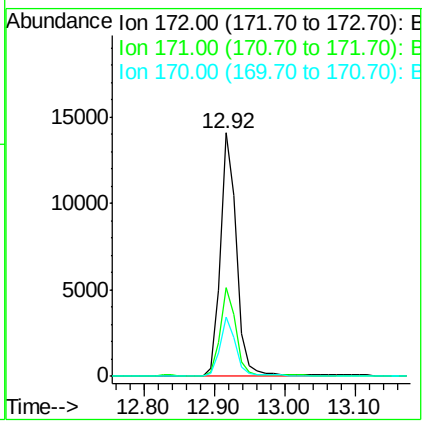


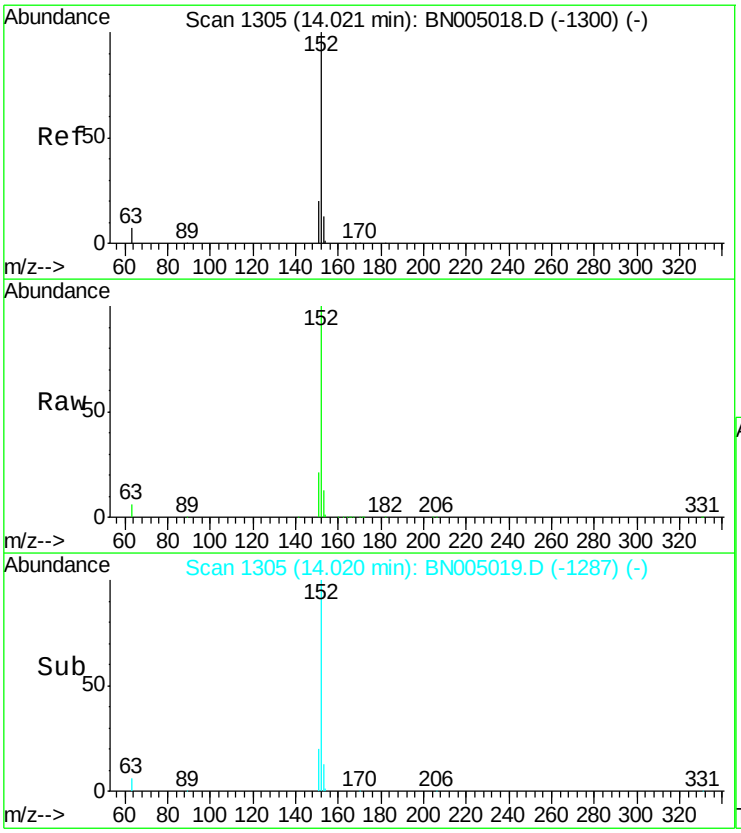
#15
2-Fluorobiphenyl
Concen: 0.753 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 22483

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	20.0	30.0

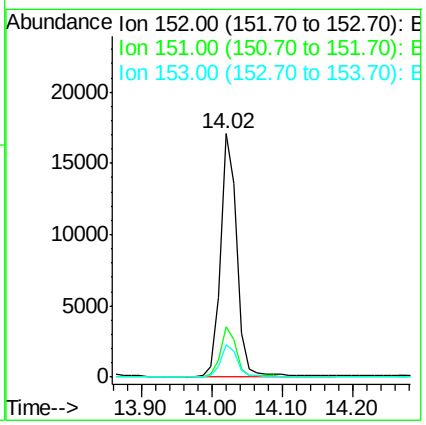


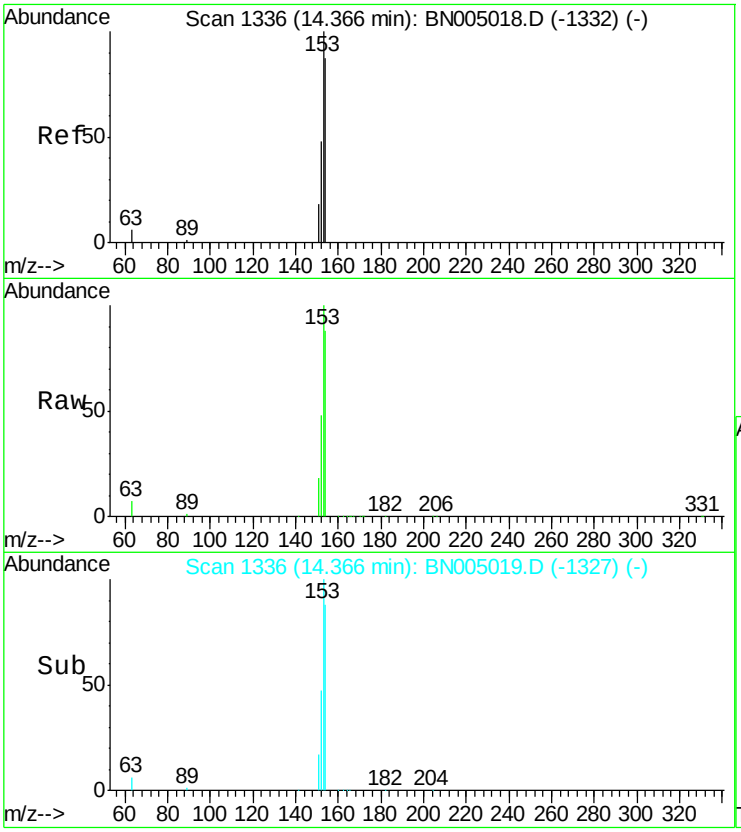


#16
Acenaphthylene
Concen: 0.746 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:152 Resp: 27781

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.6	15.8



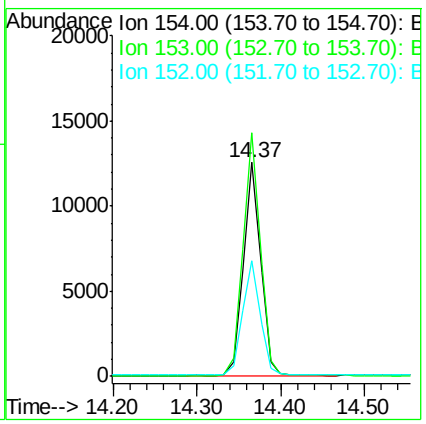


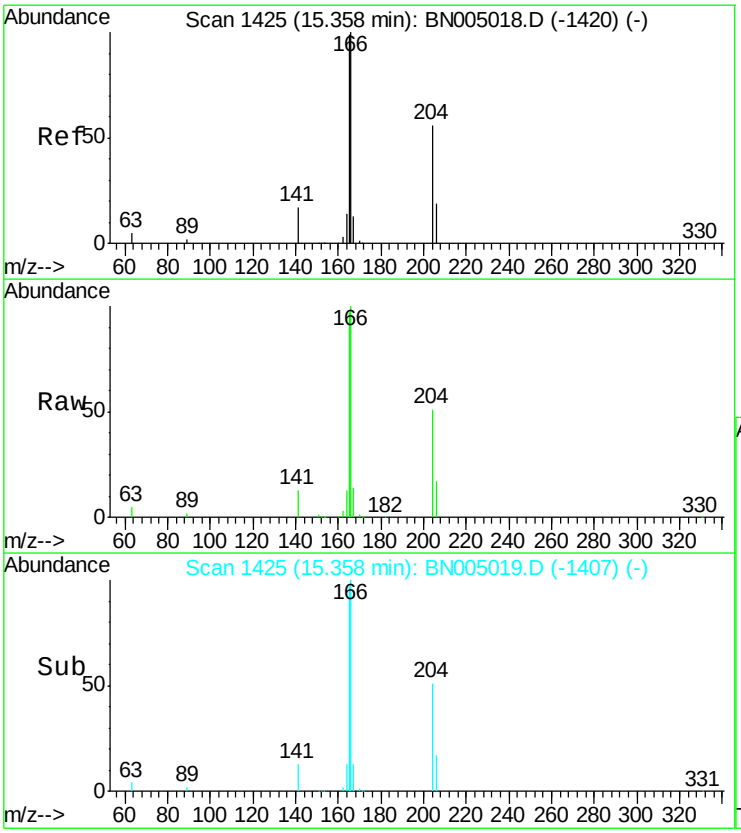
#17
Acenaphthene
Concen: 0.729 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 17767

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.1	138.1
152	54.9	44.2	66.2

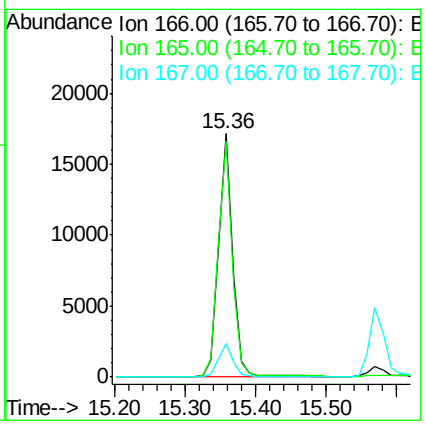


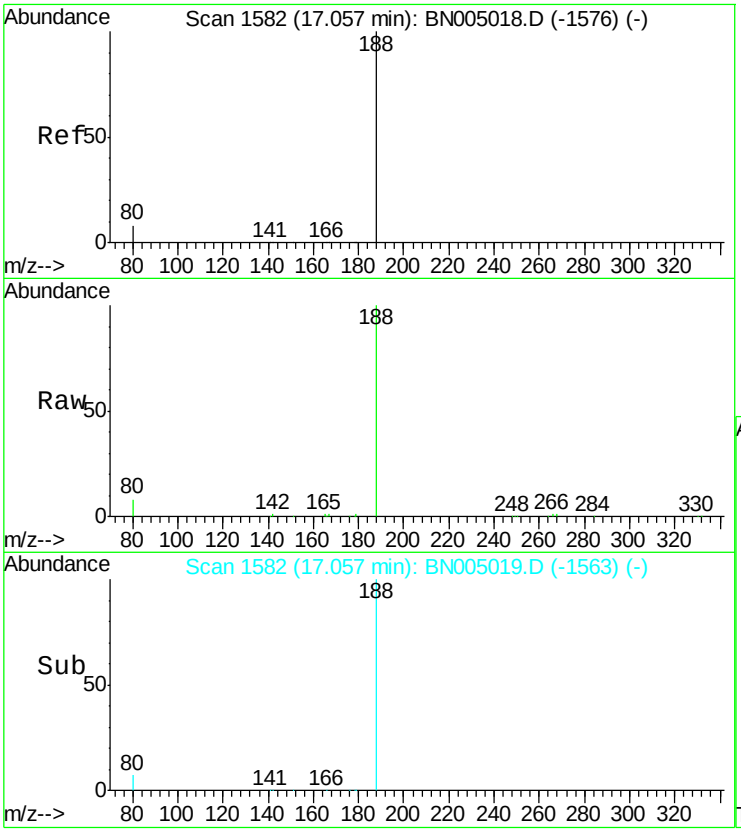


#18
Fluorene
Concen: 0.707 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:166 Resp: 24052

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



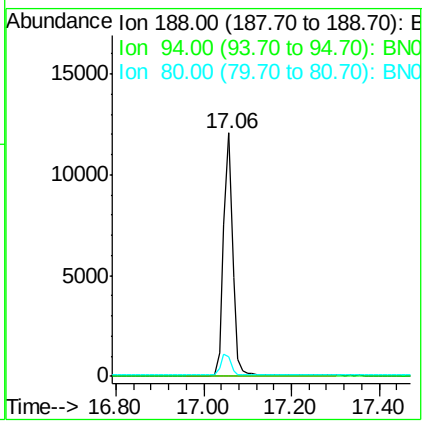


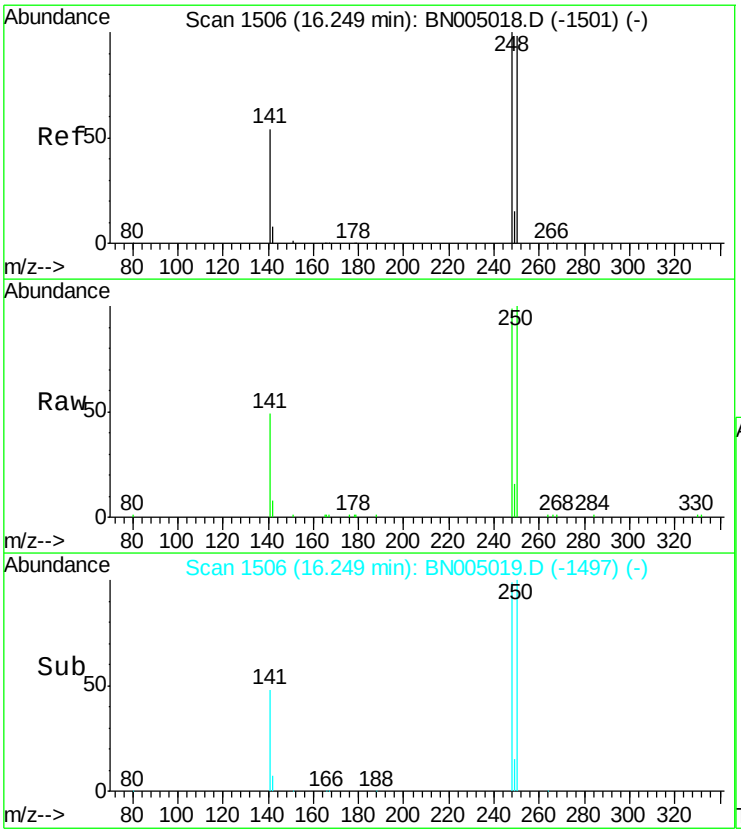
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 17326

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.9	10.3

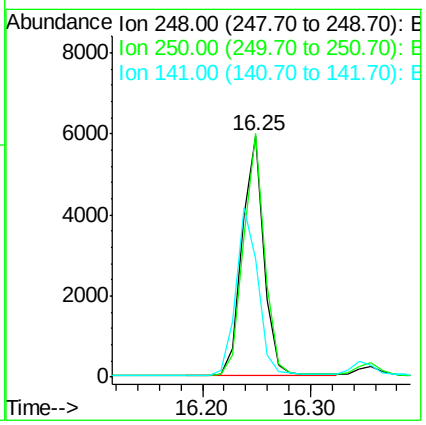


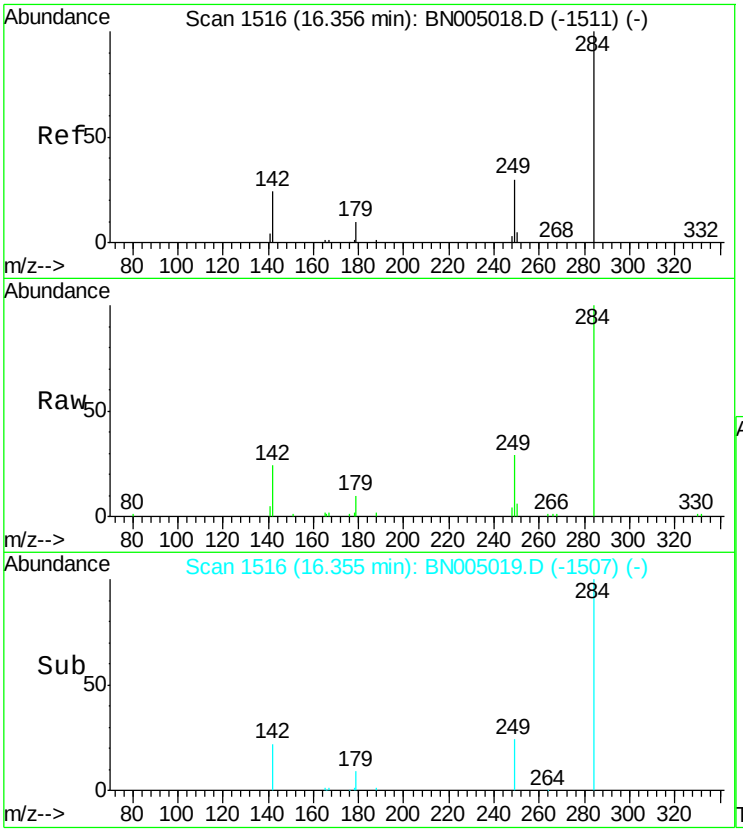


#20
4-Bromophenyl-phenylether
Concen: 0.722 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:248 Resp: 8174

Ion	Ratio	Lower	Upper
248	100		
250	100.8	78.6	117.8
141	49.1	43.6	65.4



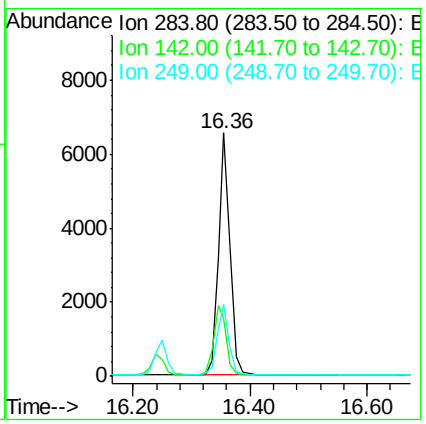


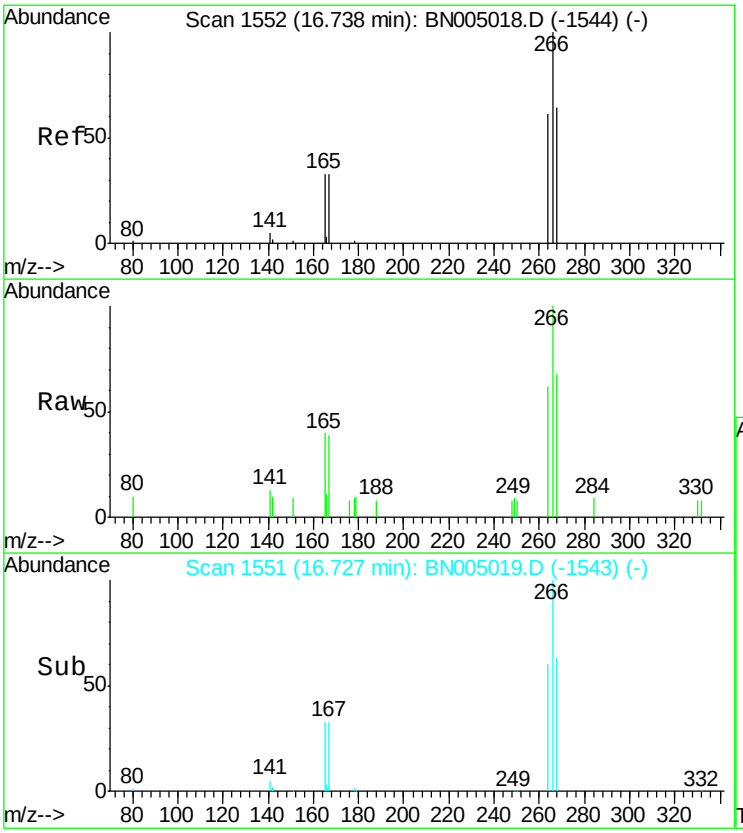
#21
Hexachlorobenzene
Concen: 0.696 ng
RT: 16.36 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 9019

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.9	37.3
249	29.4	23.8	35.6

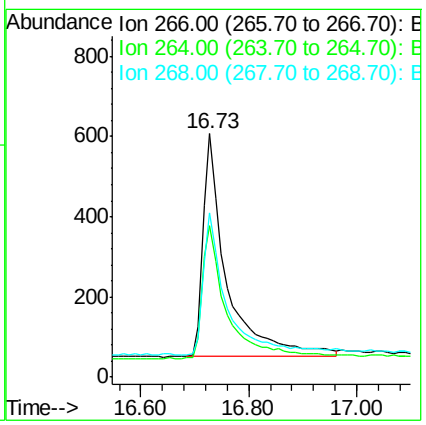


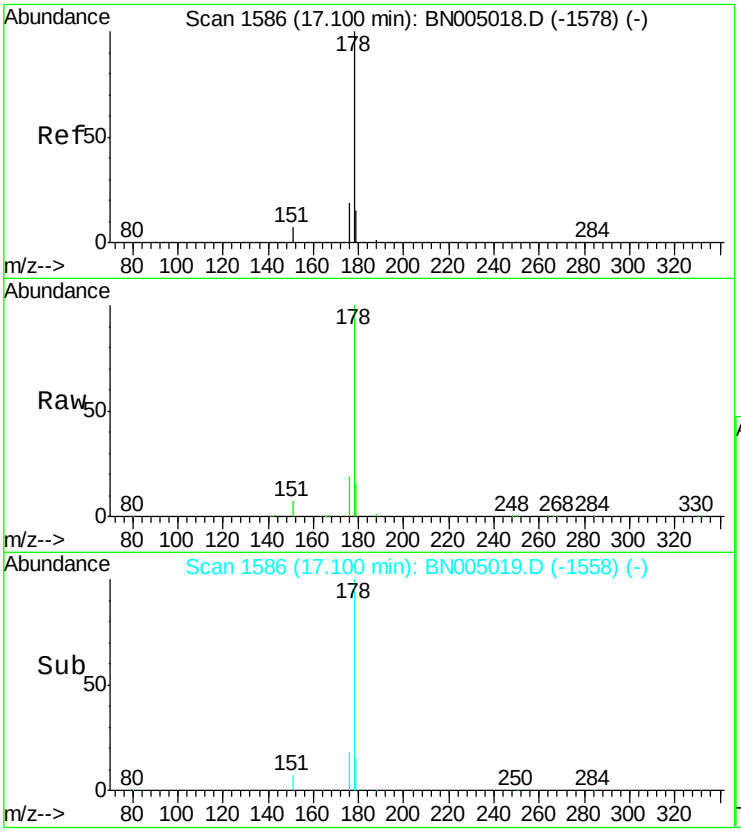


#22
Pentachlorophenol
Concen: 0.662 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:266 Resp: 1678

Ion	Ratio	Lower	Upper
266	100		
264	62.4	53.4	80.0
268	67.5	58.9	88.3



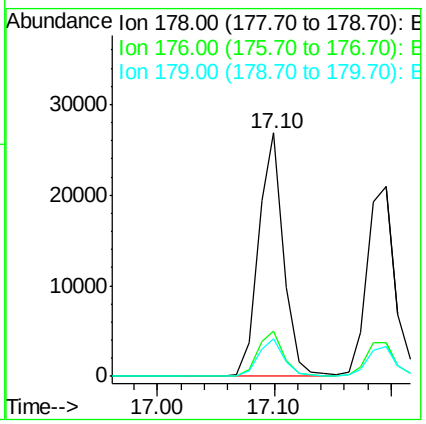


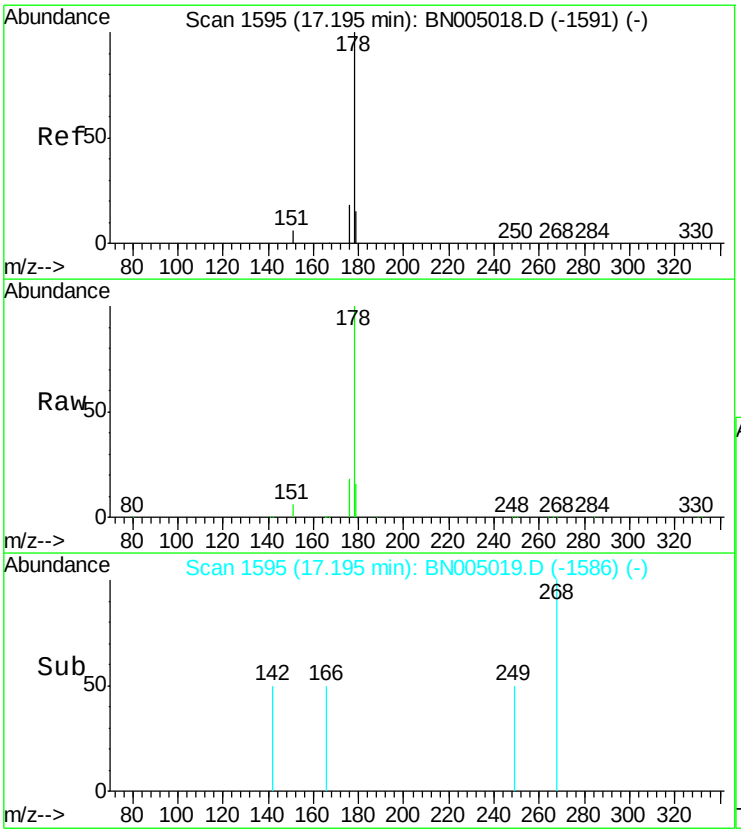
#23
Phenanthrene
Concen: 0.708 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 39612

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

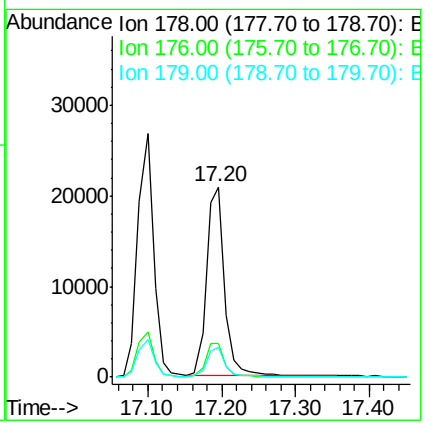


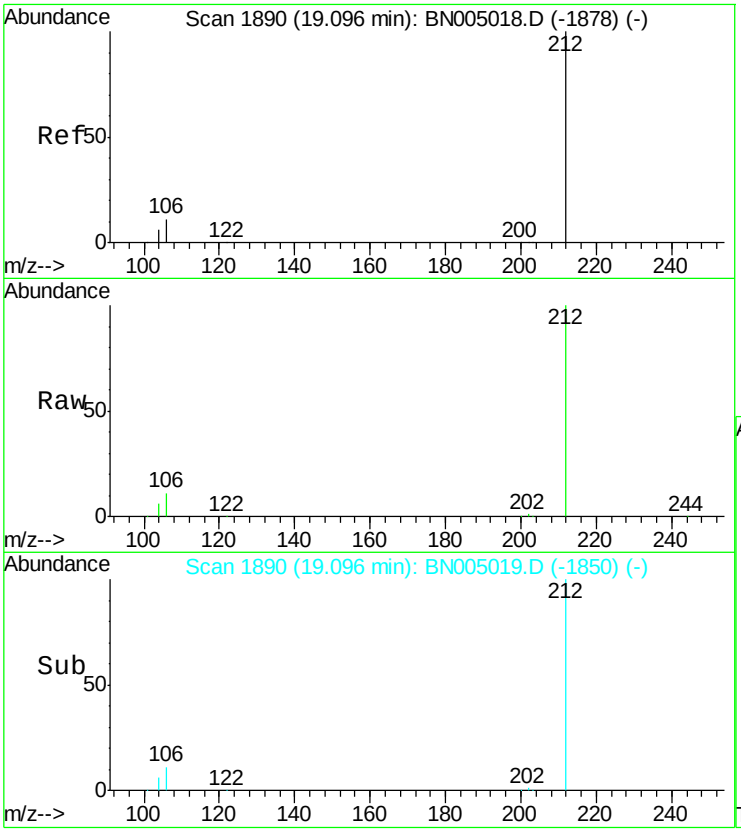


#24
Anthracene
Concen: 0.709 ng
RT: 17.20 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:178 Resp: 35423

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



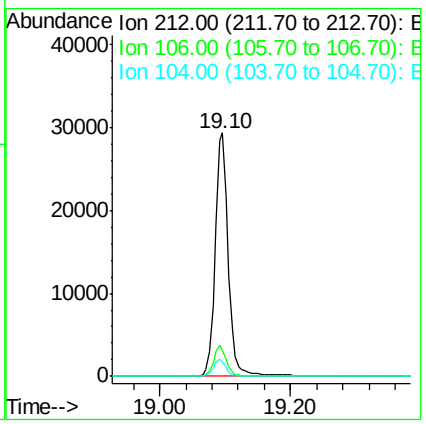


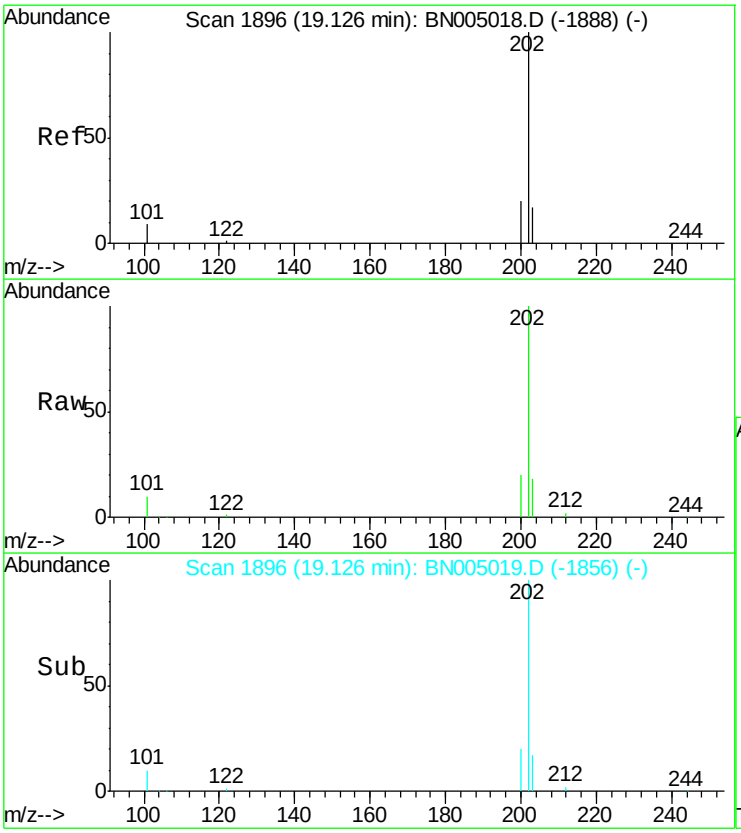
#25
Fluoranthene-d10
Concen: 0.696 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 40388

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.4	14.2
104	6.6	5.4	8.0

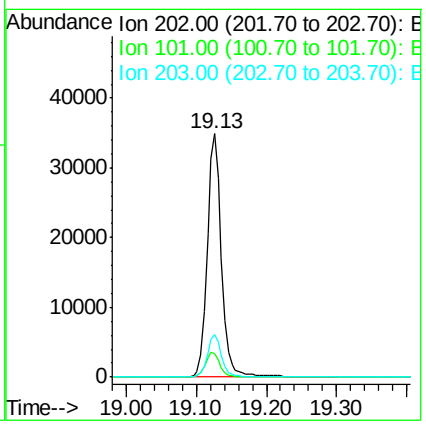


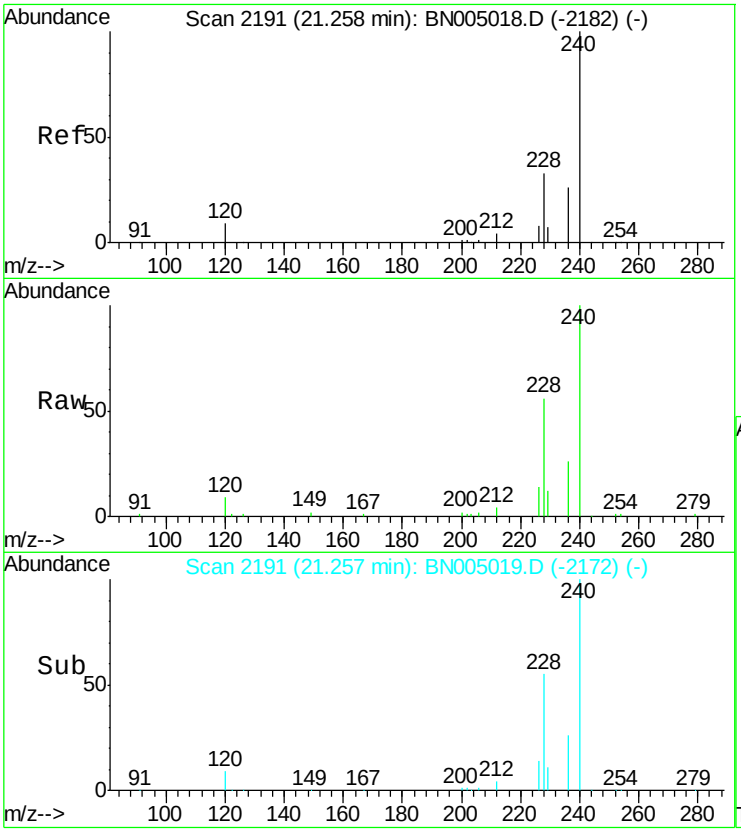


#26
Fluoranthene
Concen: 0.676 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:202 Resp: 48600

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.3	13.8	20.8



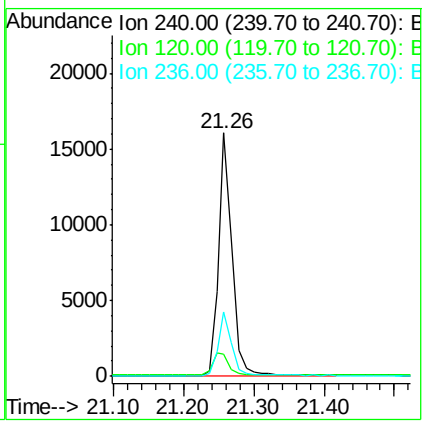


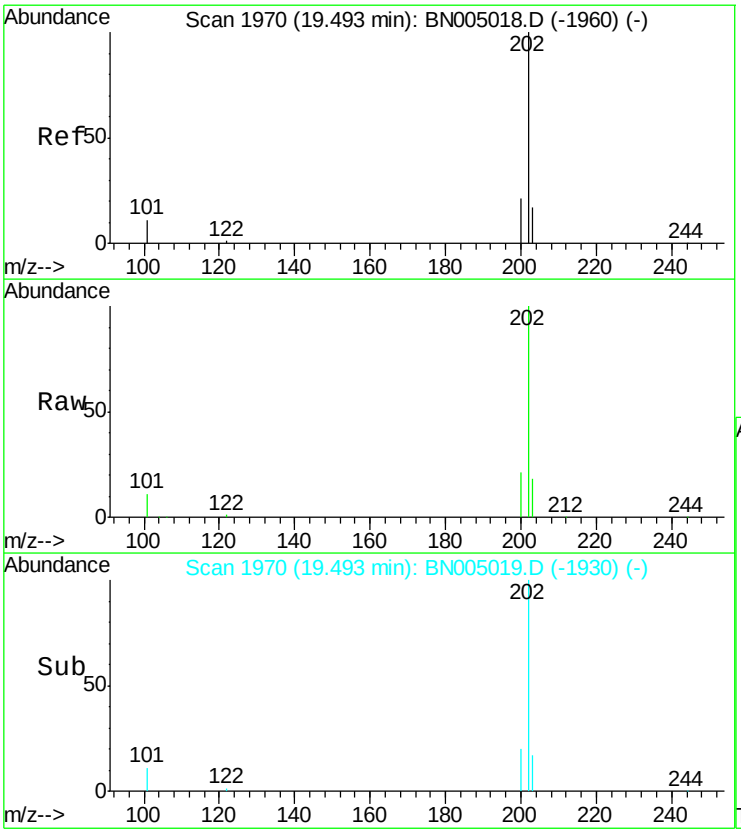
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 21650

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.4	11.0
236	26.3	21.0	31.6

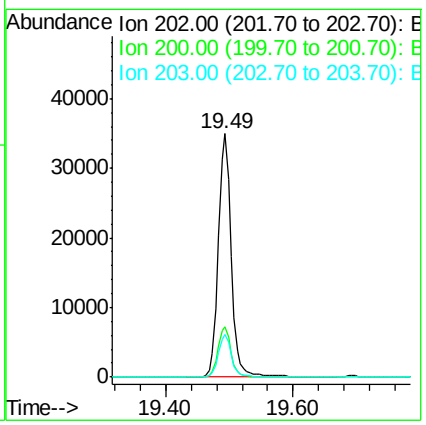


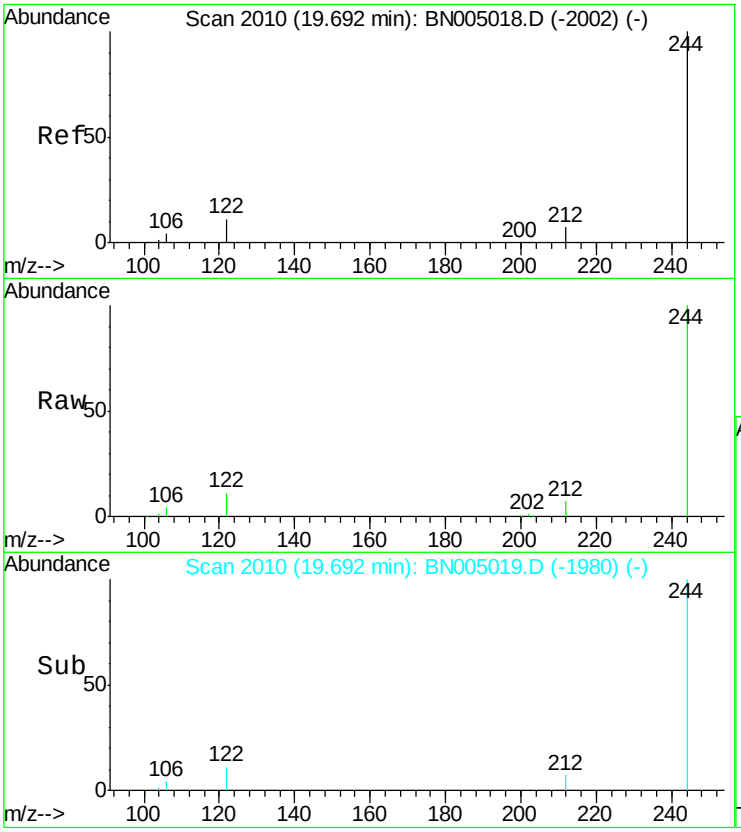


#28
Pyrene
Concen: 0.745 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:202 Resp: 49208

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	13.9	20.9



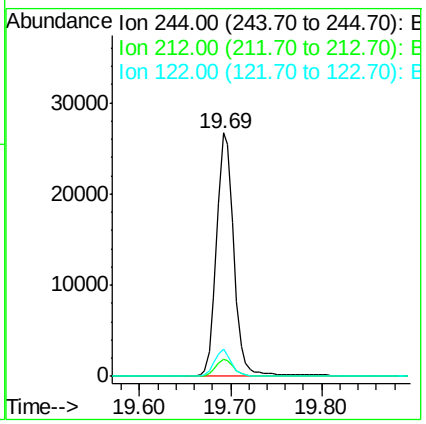


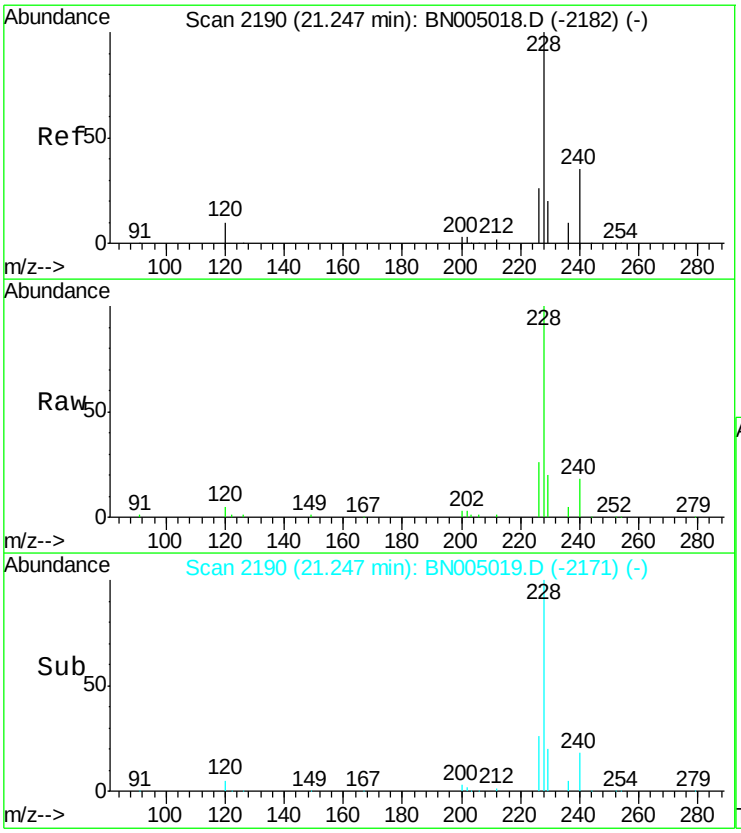
#29
Terphenyl-d14
Concen: 0.782 ng
RT: 19.69 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 34623

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.0	9.0	13.4

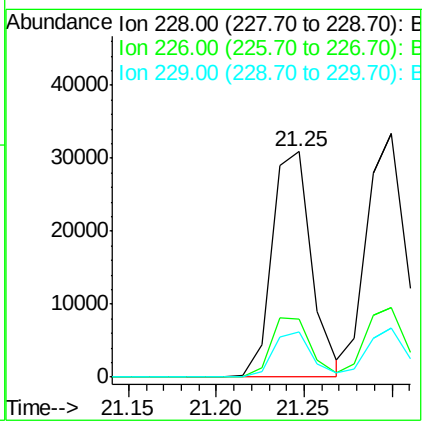


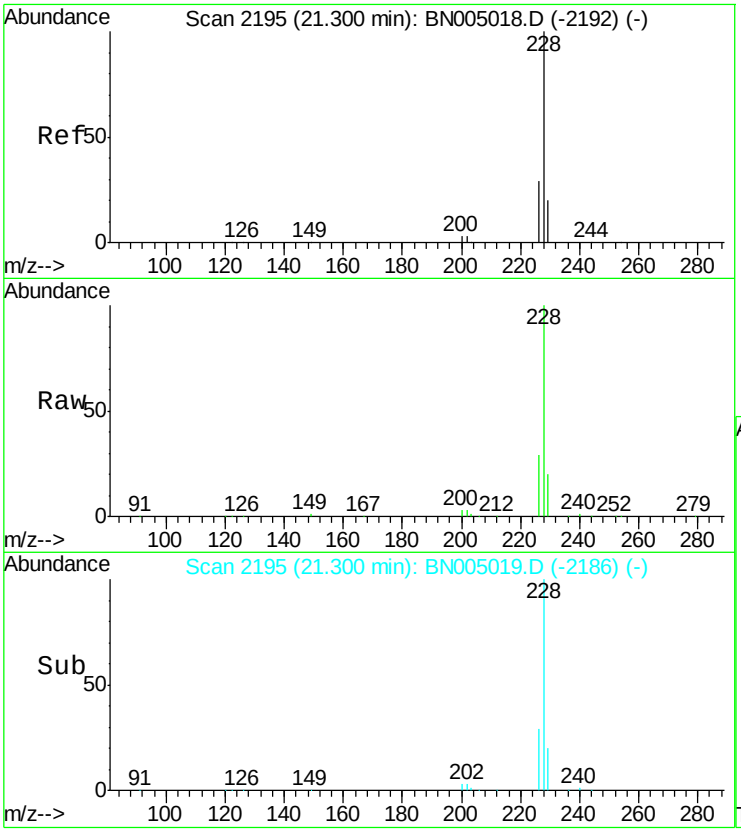


#30
Benzo(a)anthracene
Concen: 0.677 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:228 Resp: 48072

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.9	31.3
229	20.1	16.2	24.2



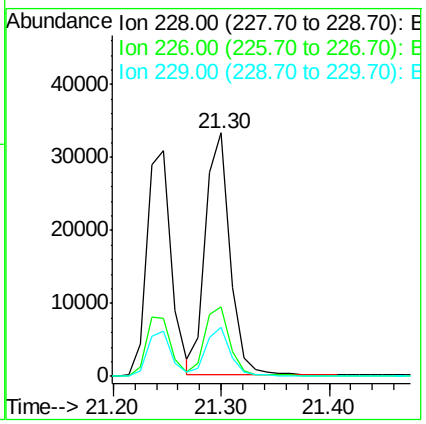


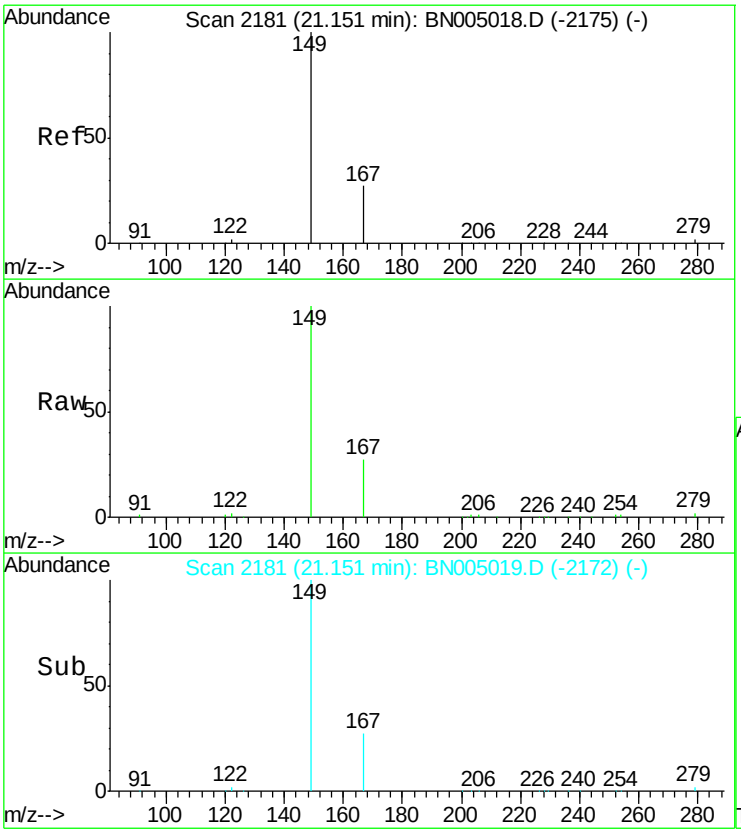
#31
Chrysene
Concen: 0.696 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 52053

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.8	34.2
229	20.0	16.2	24.4

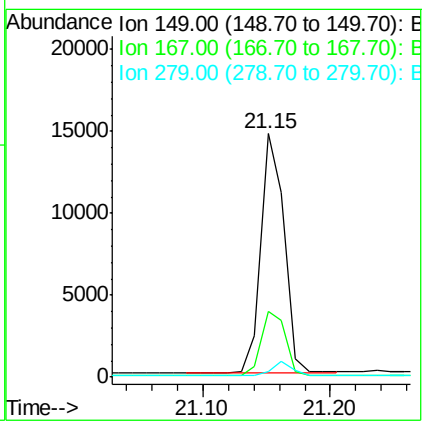


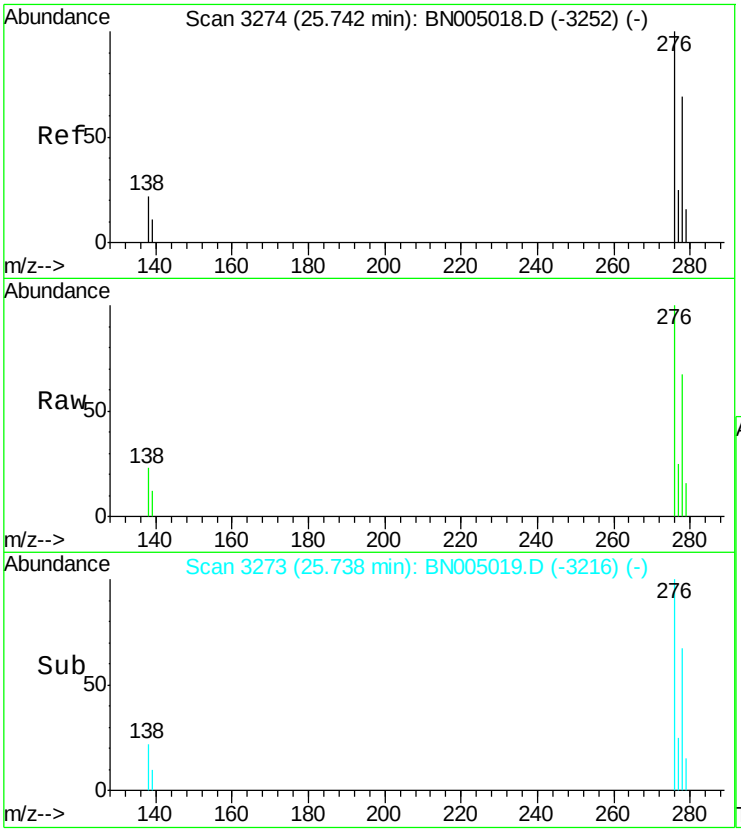


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.651 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:149 Resp: 18473

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	5.4	4.2	6.4



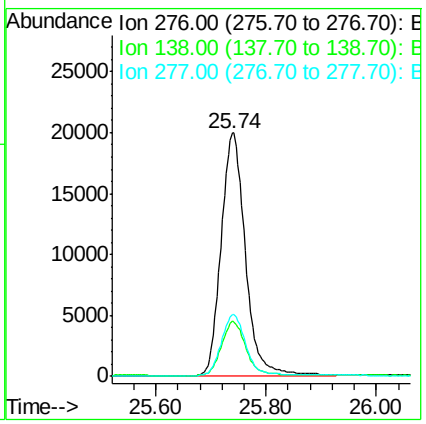


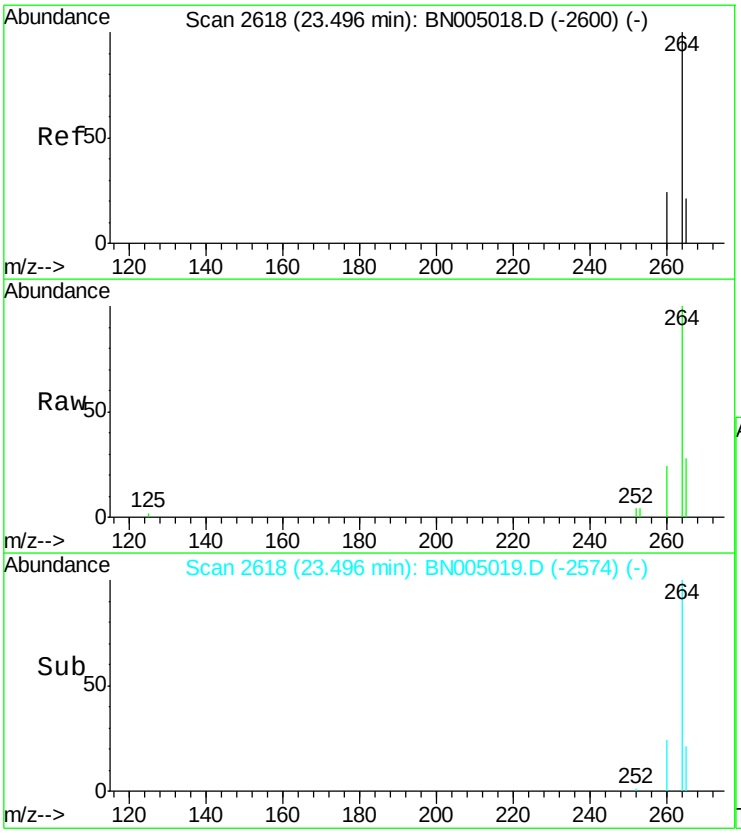
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.561 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 60652

Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.2	27.2
277	25.2	20.3	30.5

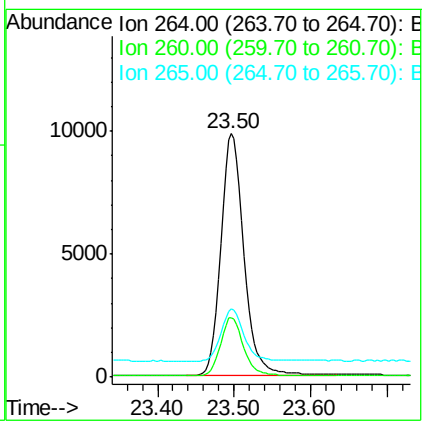


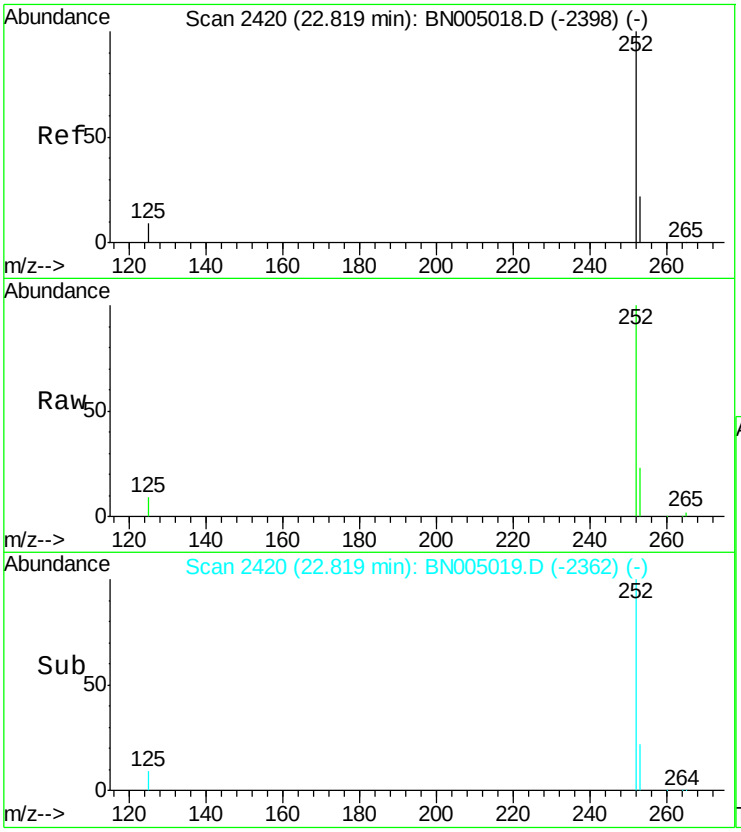


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:264 Resp: 20985

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	28.0	22.5	33.7



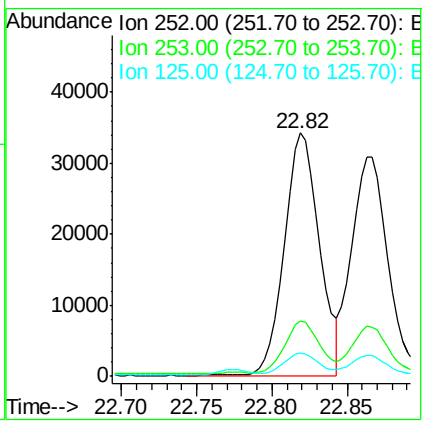


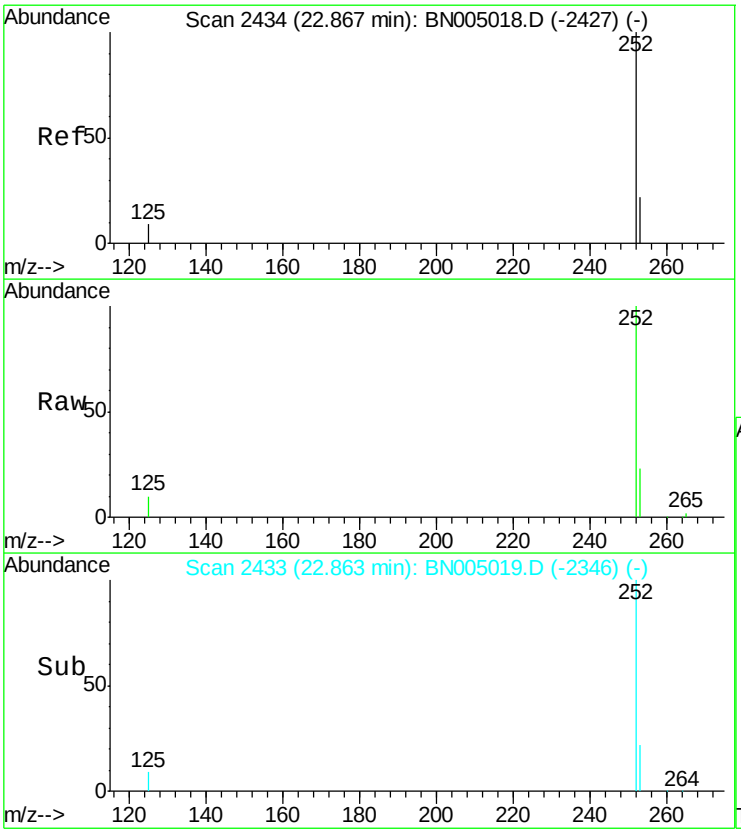
#35
Benzo(b)fluoranthene
Concen: 0.731 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 55476

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	9.5	8.2	12.2

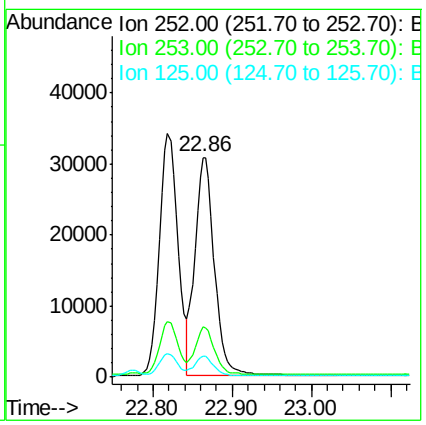


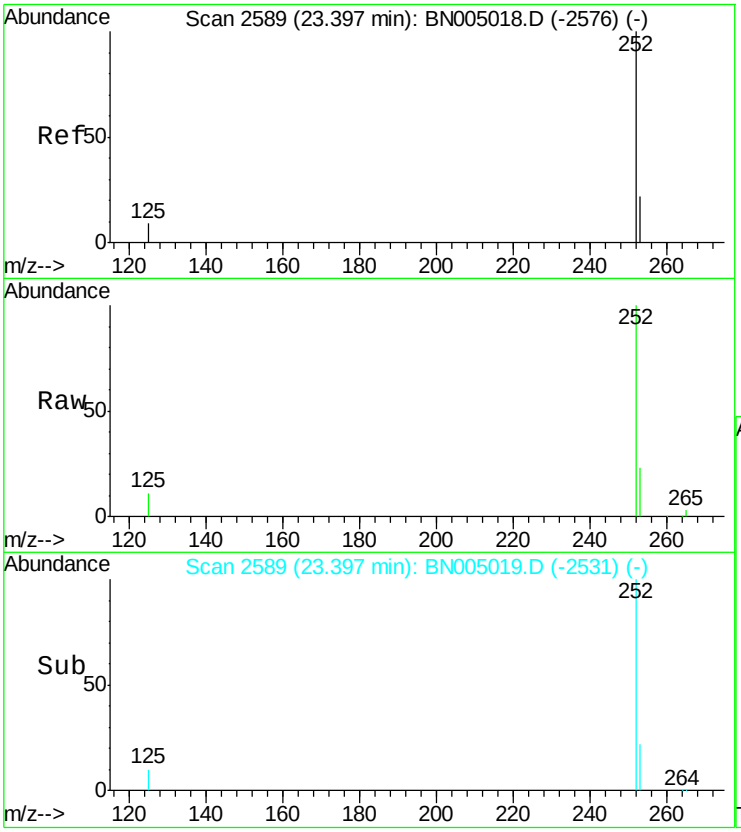


#36
Benzo(k)fluoranthene
Concen: 0.711 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:252 Resp: 53100

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.3	28.9
125	9.7	8.2	12.2



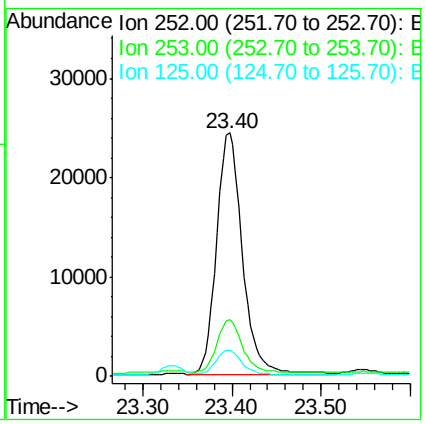


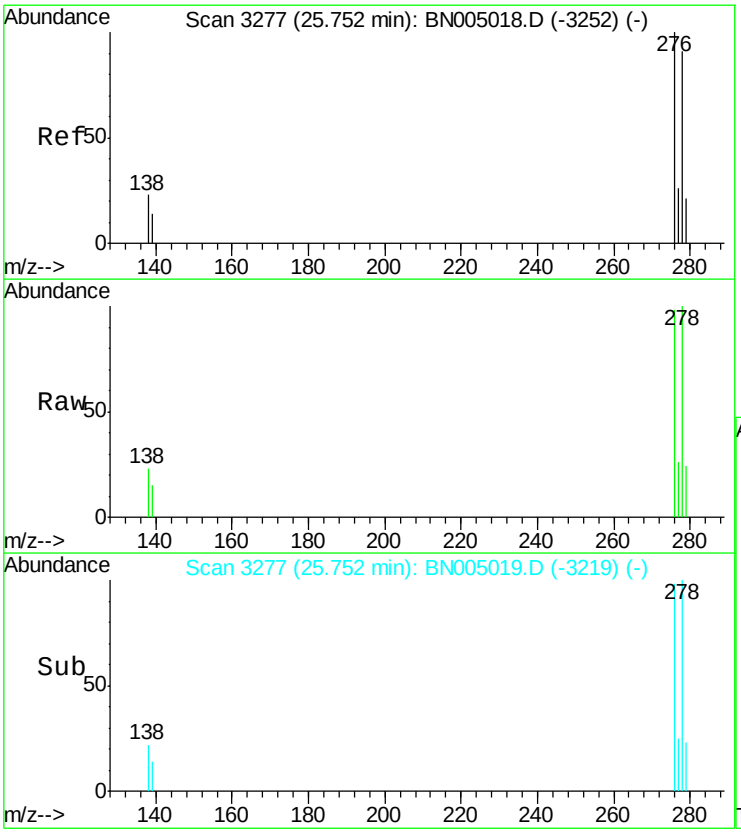
#37
Benzo(a)pyrene
Concen: 0.706 ng
RT: 23.40 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 49138

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.2
125	10.8	9.2	13.8

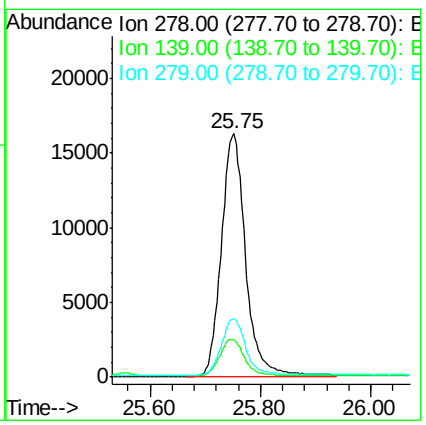


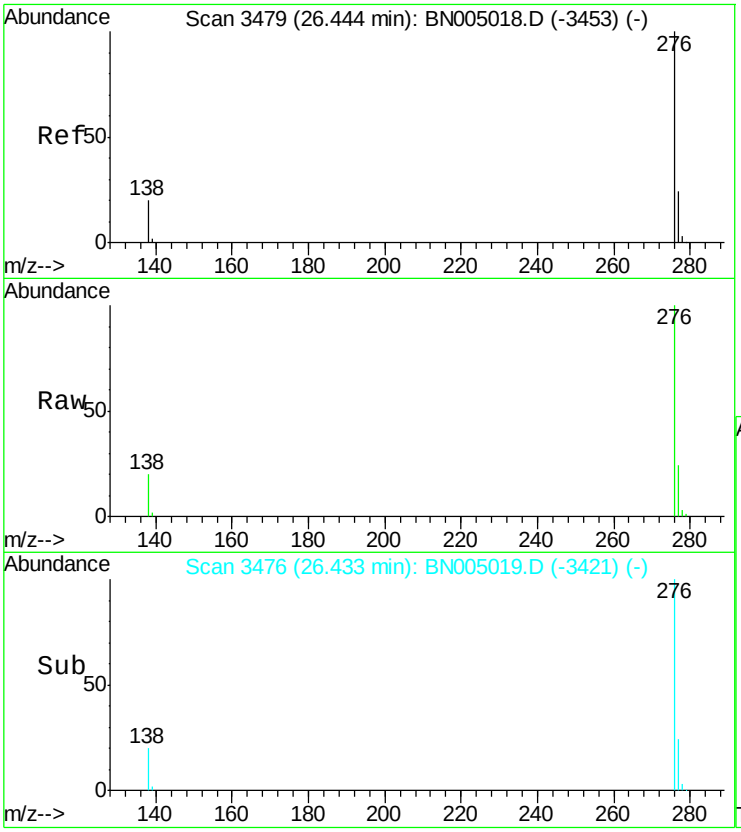


#38
Dibenzo(a,h)anthracene
Concen: 0.615 ng
RT: 25.75 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Tgt Ion:278 Resp: 49595

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.1	19.7
279	24.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.605 ng
RT: 26.43 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BN005019.D
Acq: 28 Mar 2019 19:13

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 49693

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	20.0	16.4	24.6