Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
Data File : BN005025.D
Acq On : 29 Mar 2019 08:46
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 29 23:47:35 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	2818	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	11610	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	6747	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	16295	0.40	ng		0.00
27) Chrysene-d12	21.26	240	20631	0.40	ng		0.00
34) Perylene-d12	23.50	264	22040	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2827	0.40	ng		0.00
5) Phenol-d6	6.84	99	3248	0.39	ng		0.00
8) Nitrobenzene-d5	8.82	82	2603	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7035	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1326	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.92	172	10434	0.41	ng		0.00
25) Fluoranthene-d10	19.10	212	18567	0.40	ng		0.00
29) Terphenyl-d14	19.70	244	15776	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	1150	0.380	ng		96
3) n-Nitrosodimethylamine	3.54	42	631	0.341	ng	#	97
6) bis(2-Chloroethyl)ether	7.10	93	3151	0.400	ng		99
9) Naphthalene	10.49	128	11701	0.401	ng		100
10) Hexachlorobutadiene	10.76	225	2185	0.403	ng	#	99
12) 2-Methylnaphthalene	12.11	142	8203	0.390	ng		98
16) Acenaphthylene	14.02	152	12166	0.382	ng		100
17) Acenaphthene	14.37	154	8066	0.399	ng		100
18) Fluorene	15.36	166	10776	0.397	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	3635	0.390	ng		96
21) Hexachlorobenzene	16.36	284	4087	0.397	ng		99
22) Pentachlorophenol	16.74	266	619	0.380	ng		94
23) Phenanthrene	17.10	178	17990	0.394	ng		100
24) Anthracene	17.20	178	15664	0.386	ng		99
26) Fluoranthene	19.13	202	22120	0.396	ng		99
28) Pyrene	19.49	202	22514	0.384	ng		100
30) Benzo(a)anthracene	21.25	228	22149	0.381	ng		100
31) Chrysene	21.30	228	25259	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	8515	0.350	ng		99
33) Indeno(1,2,3-cd)pyrene	25.75	276	31994	0.454	ng		100
35) Benzo(b)fluoranthene	22.82	252	26728	0.378	ng		100
36) Benzo(k)fluoranthene	22.87	252	26914	0.394	ng		100
37) Benzo(a)pyrene	23.40	252	24498	0.390	ng		99
38) Dibenzo(a,h)anthracene	25.76	278	25982	0.413	ng		100
39) Benzo(g,h,i)perylene	26.44	276	26982	0.426	ng		99

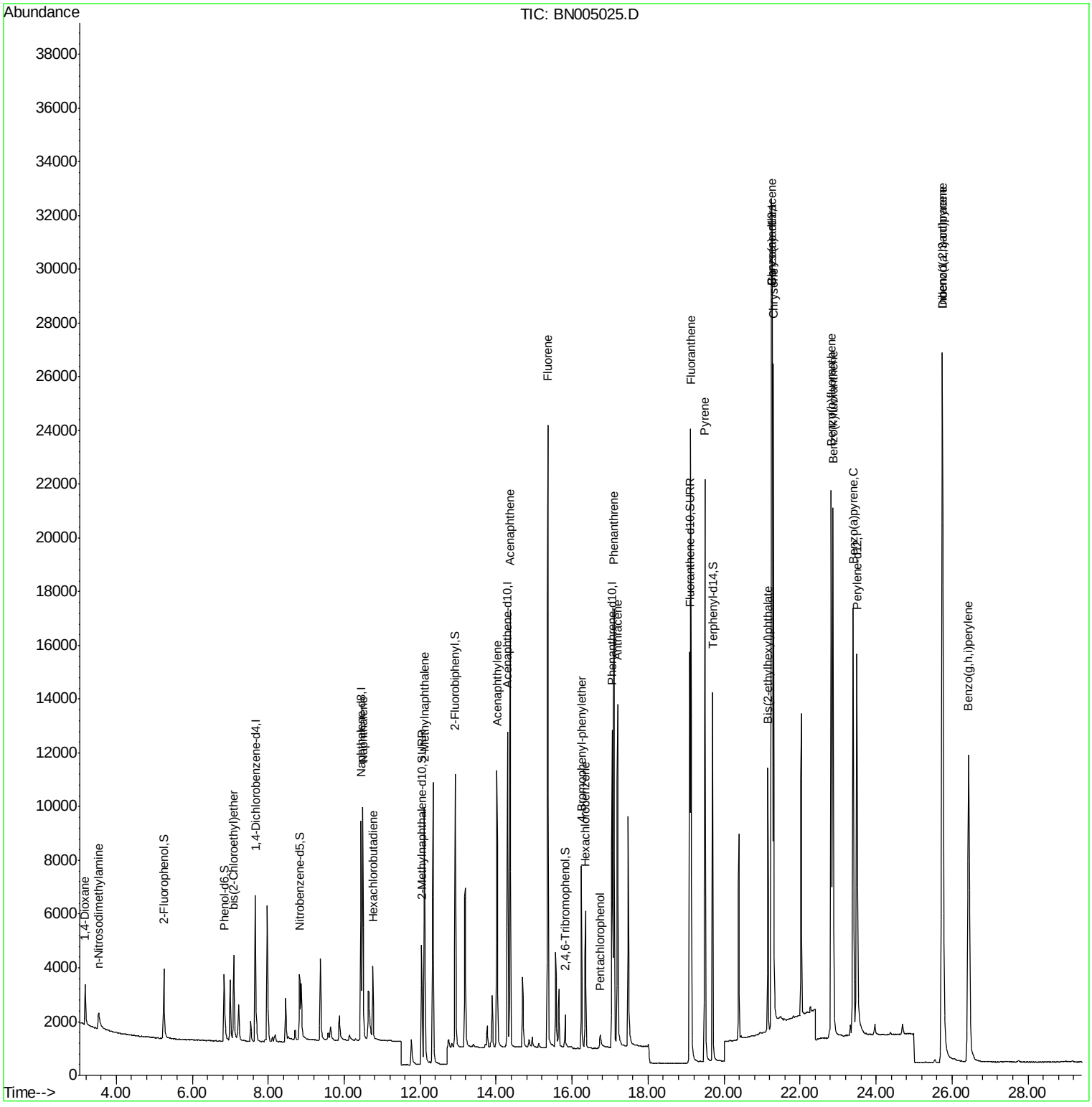
(#) = qualifier out of range (m) = manual integration (+) = signals summed

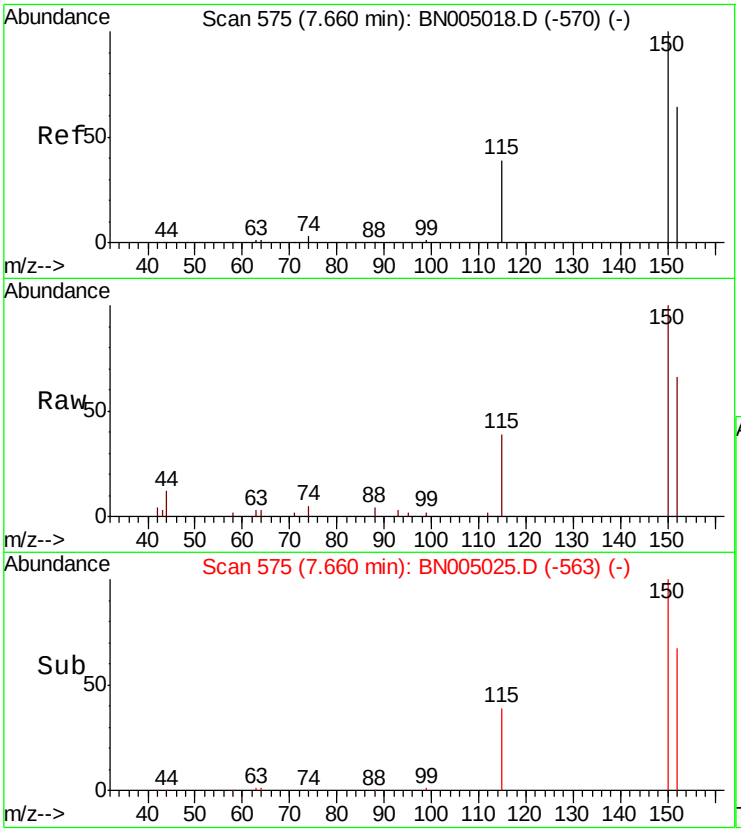
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
Data File : BN005025.D
Acq On : 29 Mar 2019 08:46
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 29 23:47:35 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



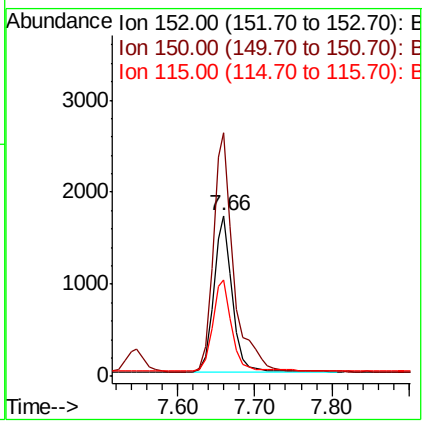


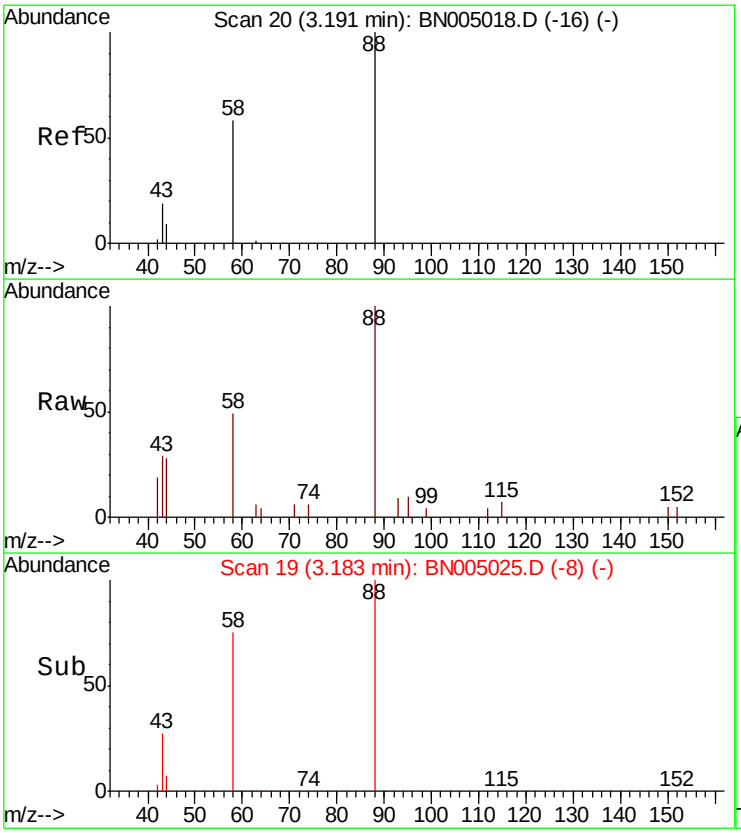
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2818

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.4	185.2
115	59.7	50.0	75.0

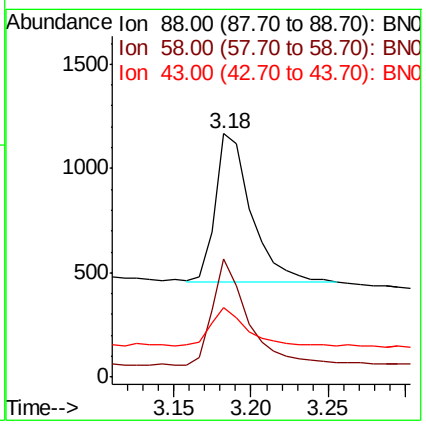


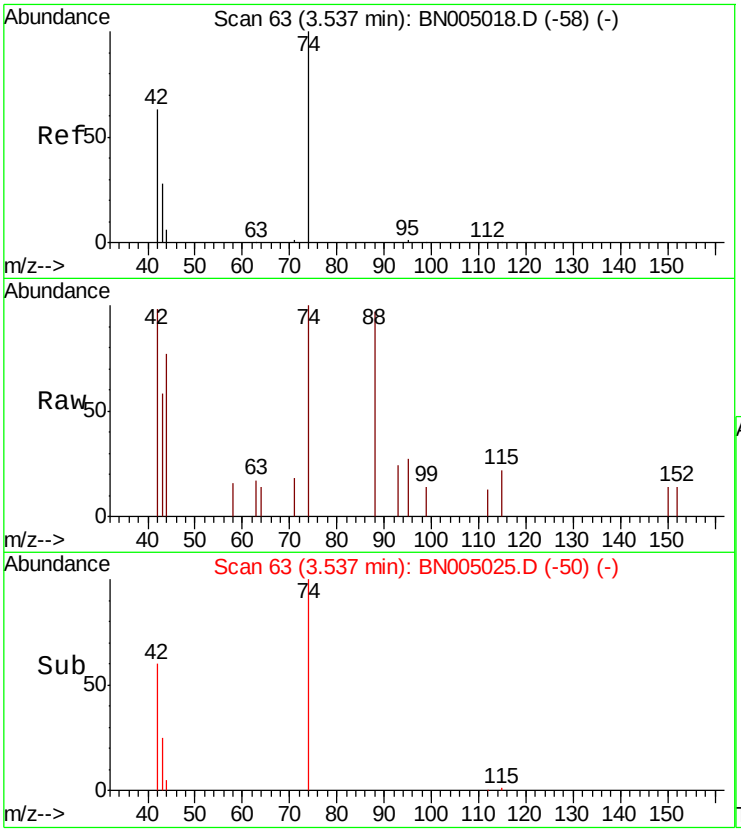


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion: 88 Resp: 1150

Ion	Ratio	Lower	Upper
88	100		
58	69.5	52.8	79.2
43	26.1	19.6	29.4



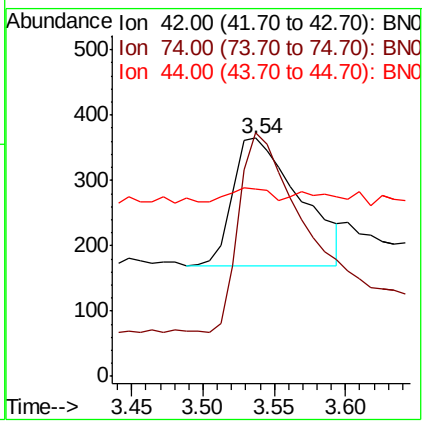


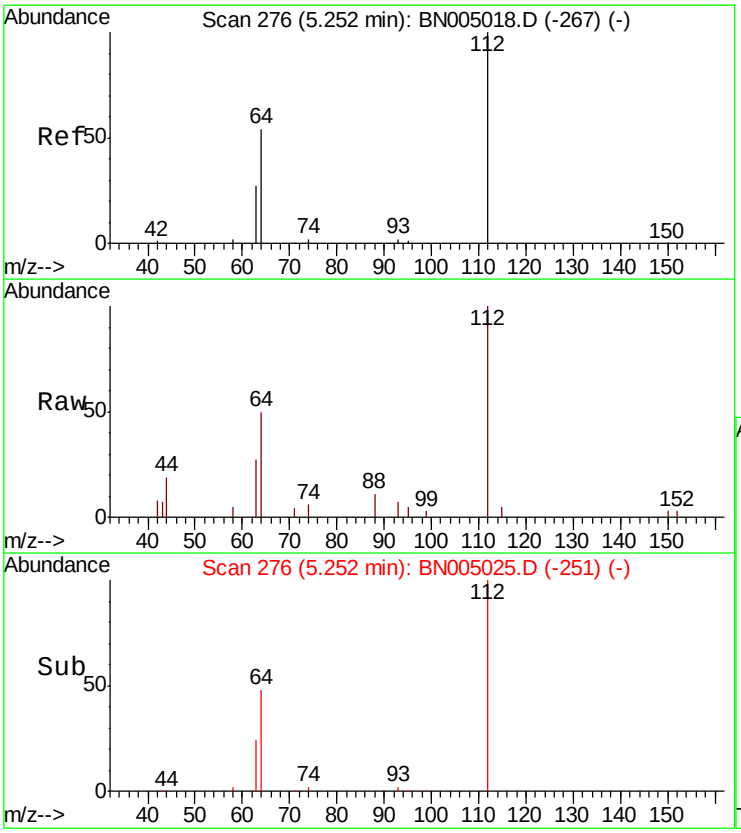
#3
n-Nitrosodimethylamine
Concen: 0.341 ng
RT: 3.54 min Scan# 63
Delta R.T. 0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 631

Ion	Ratio	Lower	Upper
42	100		
74	158.8	129.1	193.7
44	6.2	11.6	17.4#

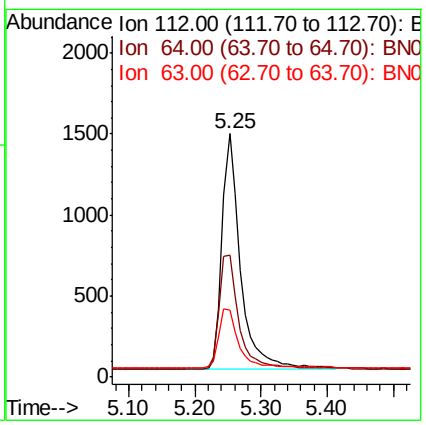


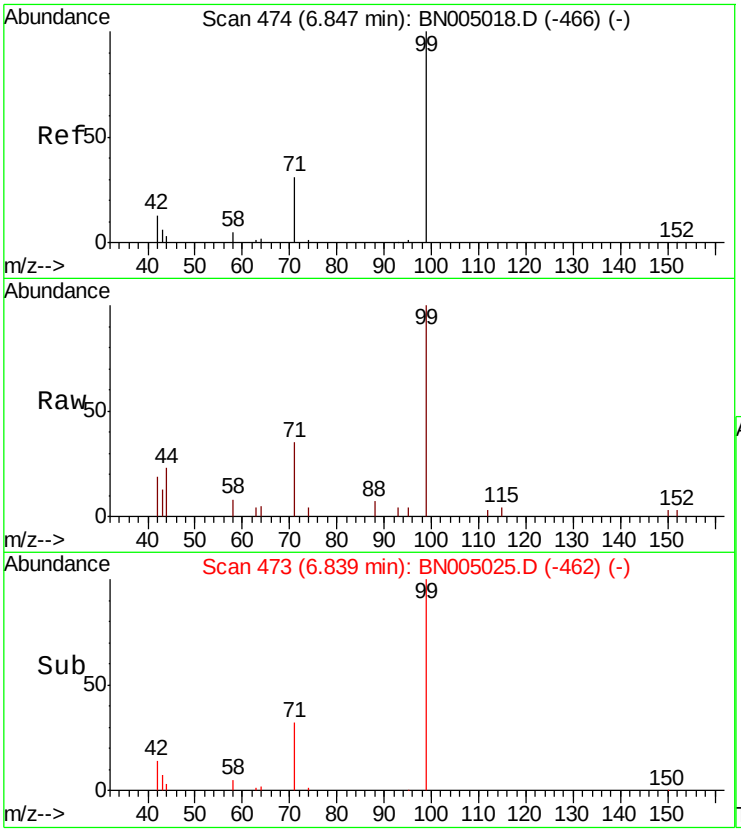


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:112 Resp: 2827

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.9	62.9
63	26.4	21.5	32.3



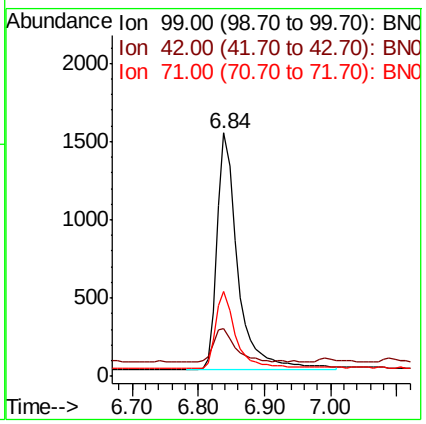


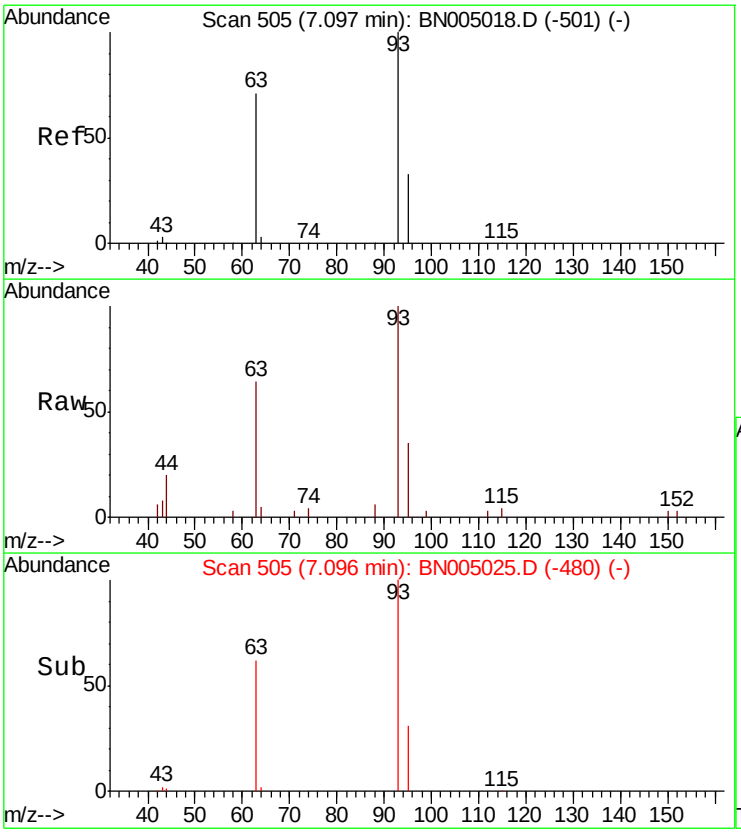
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.84 min Scan# 473
Delta R.T. -0.01 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3248

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	32.1	26.1	39.1

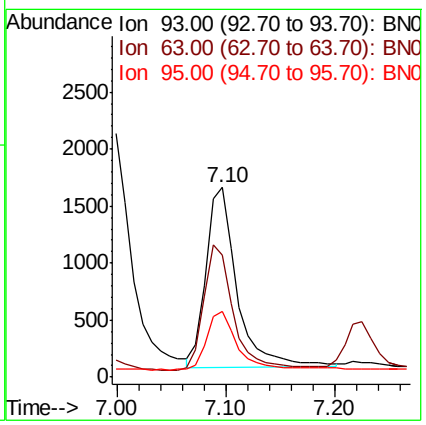


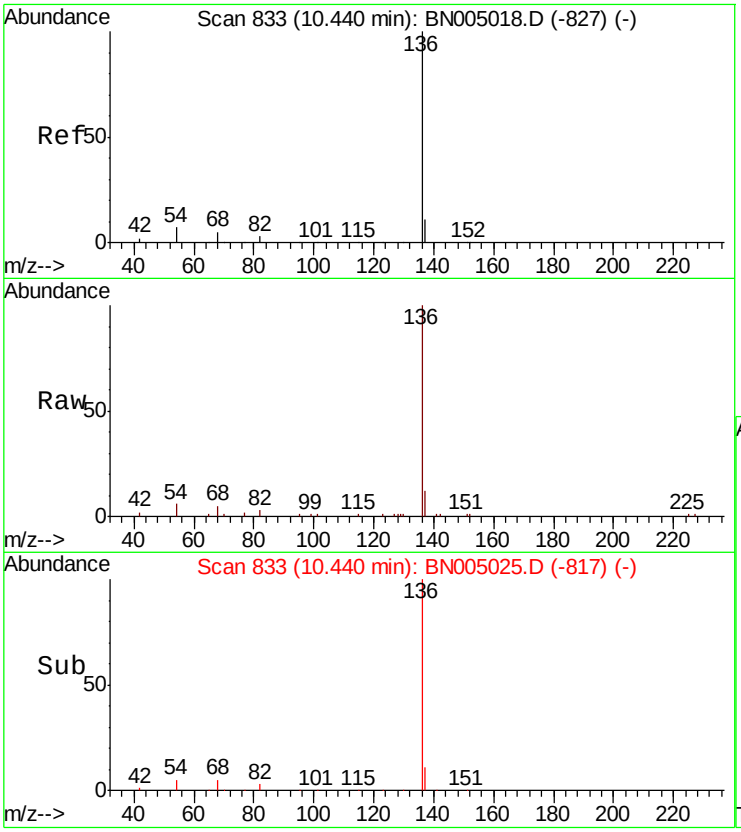


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.10 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion: 93 Resp: 3151

Ion	Ratio	Lower	Upper
93	100		
63	66.1	51.8	77.6
95	31.2	24.8	37.2



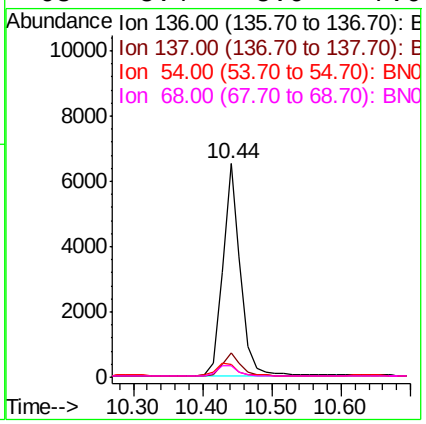


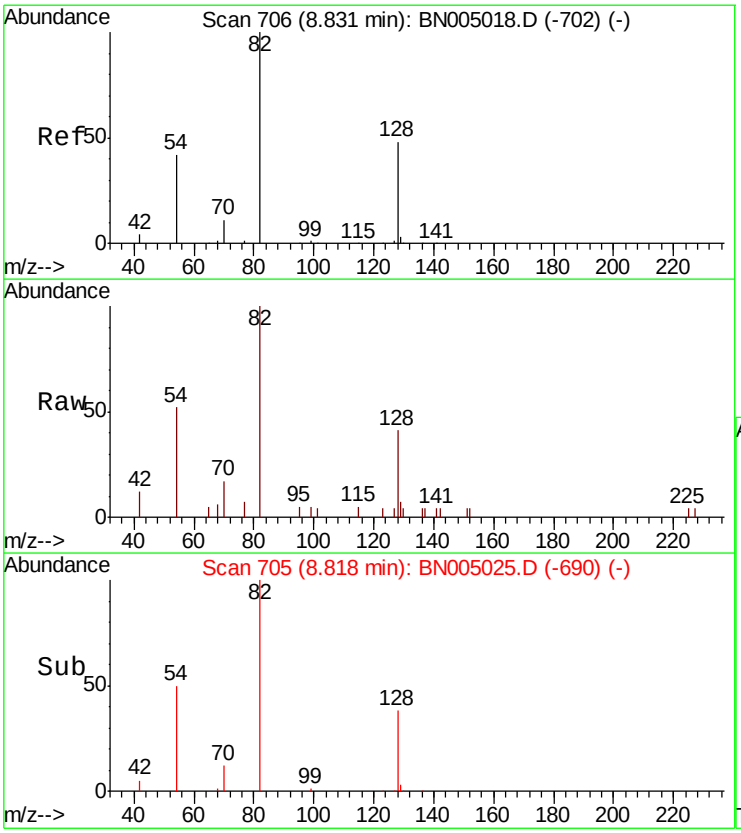
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11610

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.1	6.0	9.0
68	5.4	5.0	7.6

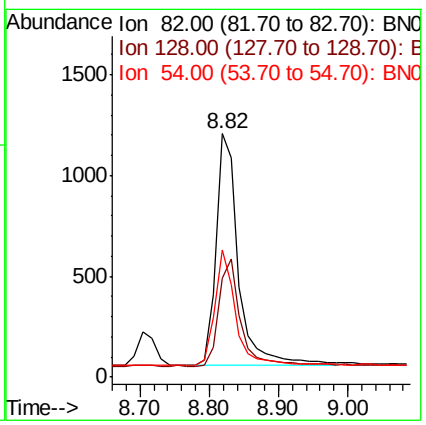


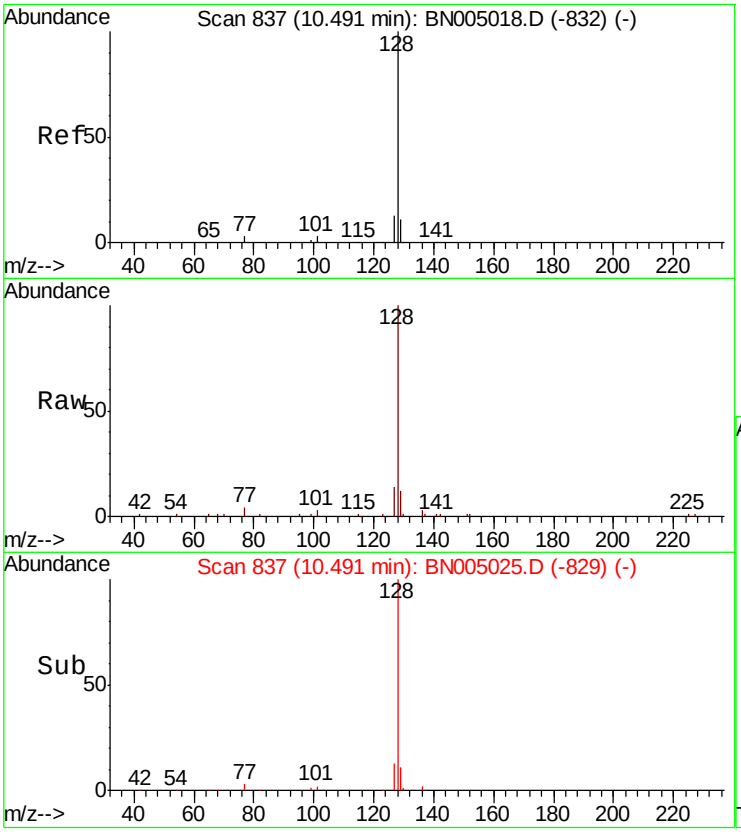


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion: 82 Resp: 2603

Ion	Ratio	Lower	Upper
82	100		
128	40.7	40.5	60.7
54	52.1	35.7	53.5



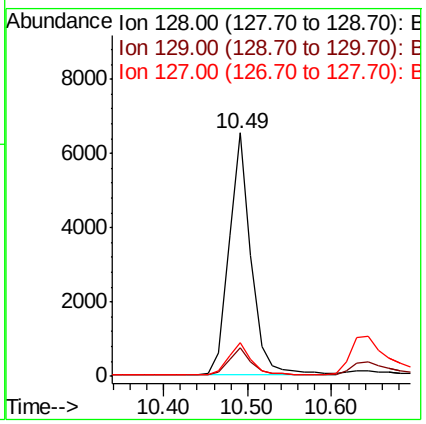


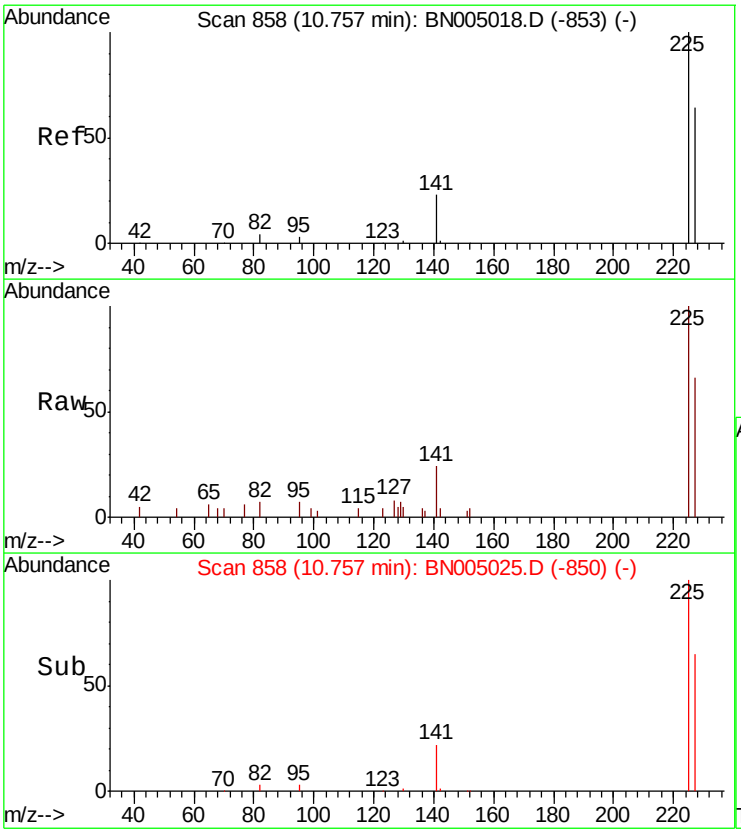
#9
Naphthalene
Concen: 0.401 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 11701

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

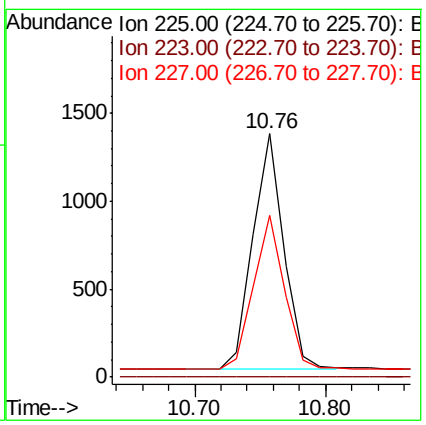


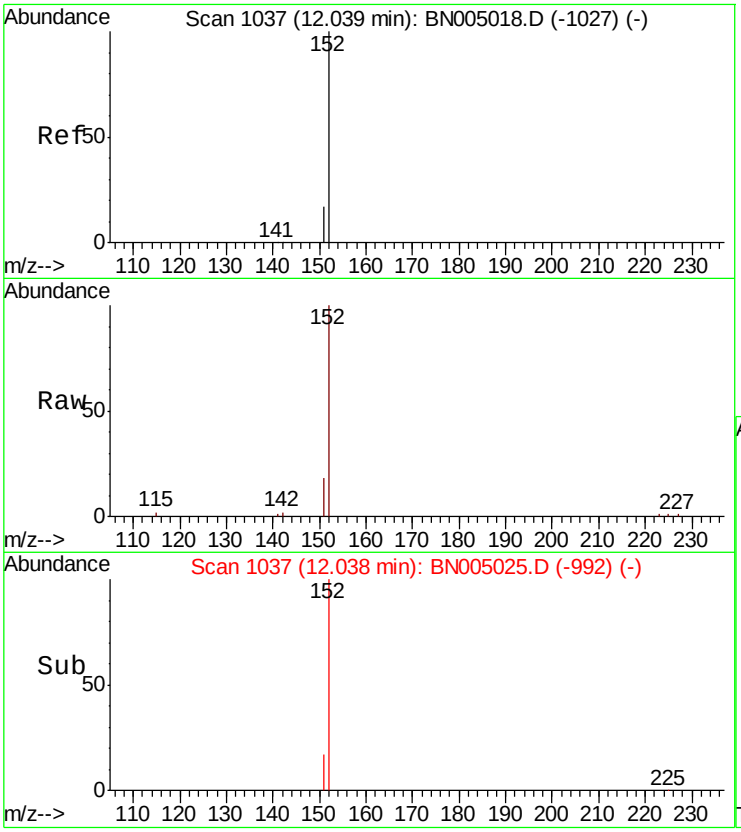


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.76 min Scan# 858
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:225 Resp: 2185

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.2	51.5	77.3



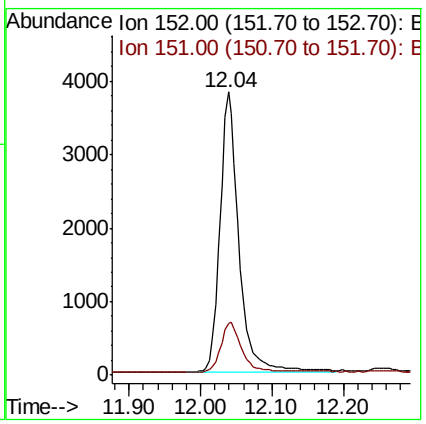


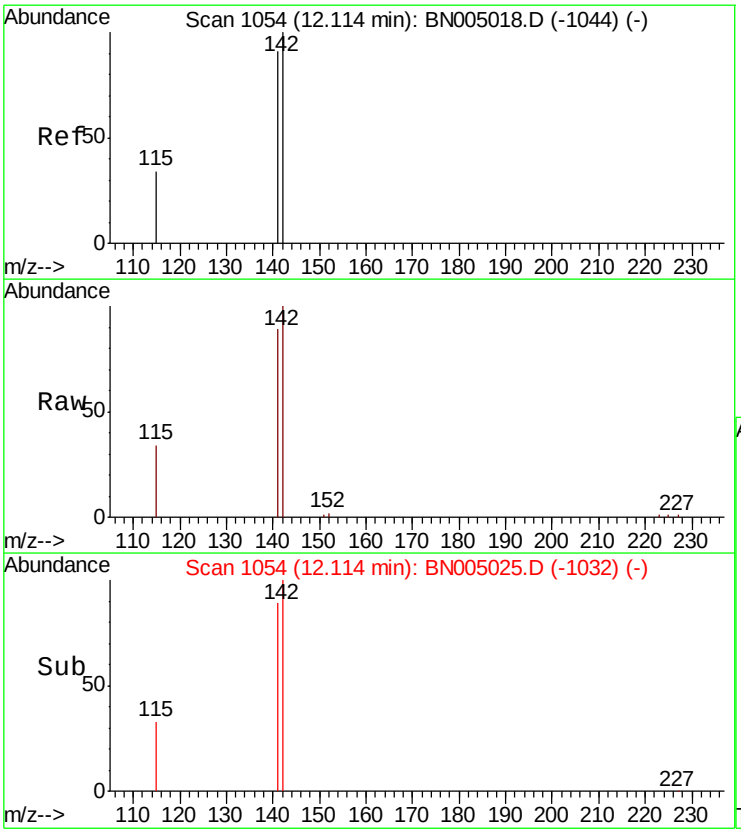
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.04 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7035

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9

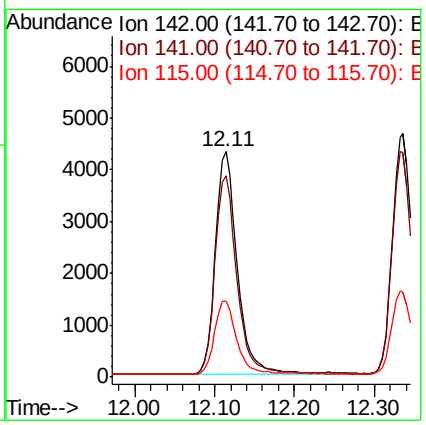


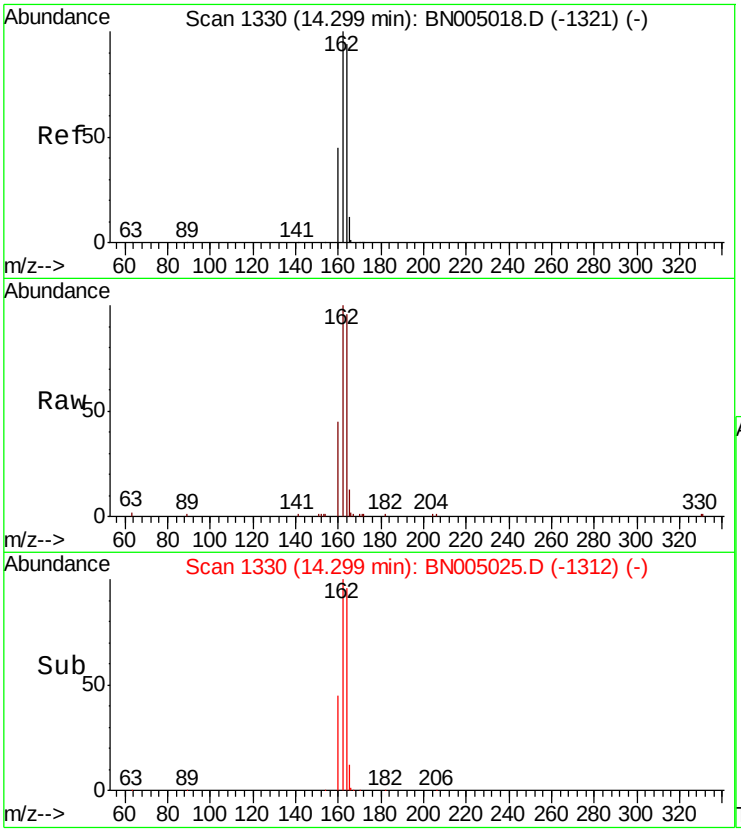


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.11 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:142 Resp: 8203

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8
115	33.6	27.8	41.8



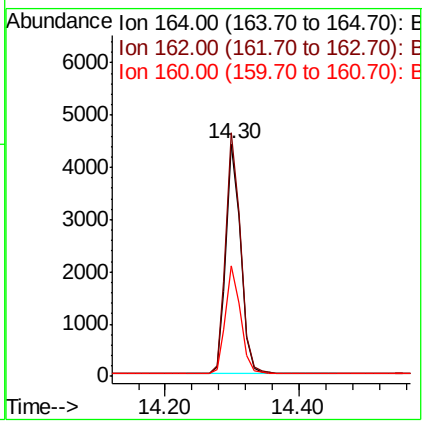


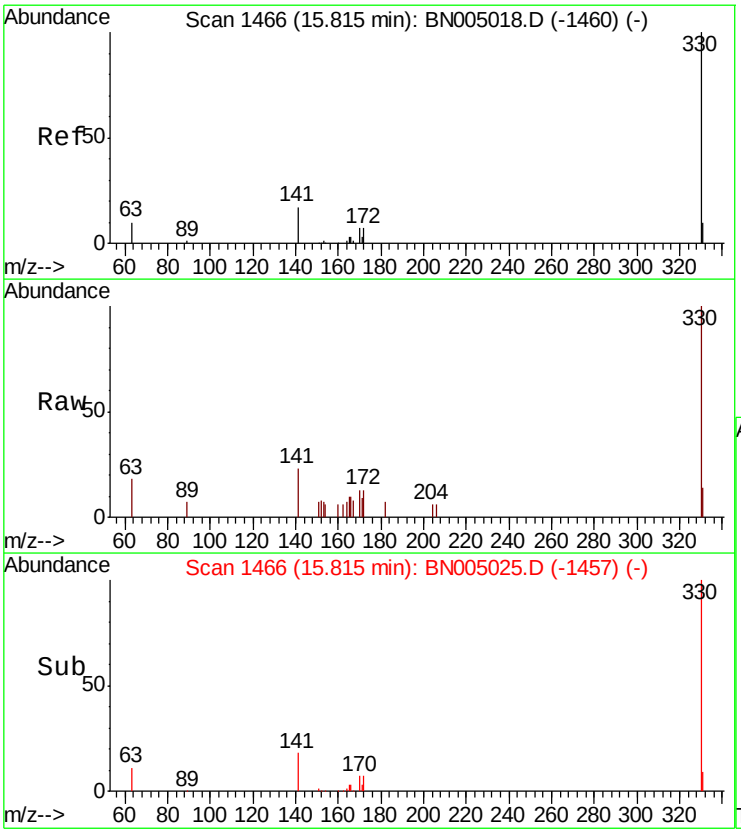
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6747

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.3	127.9
160	47.5	39.2	58.8

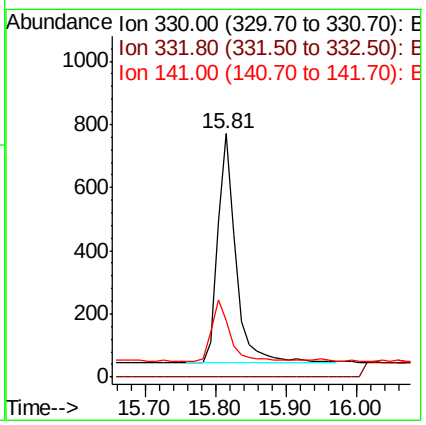


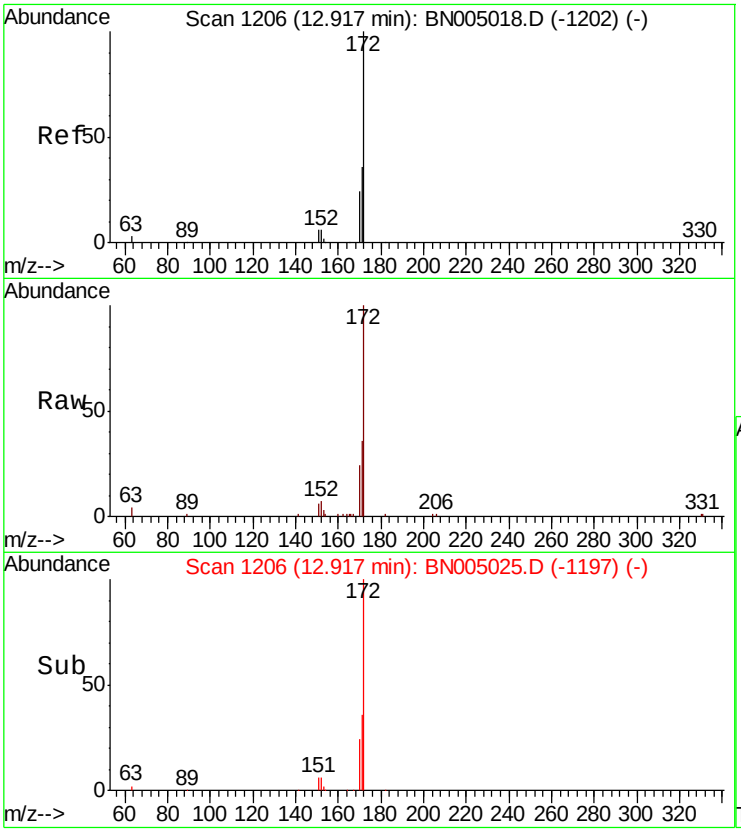


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.81 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:330 Resp: 1326

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.8	21.3	31.9



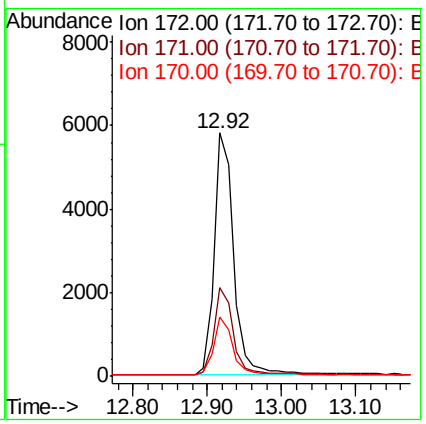


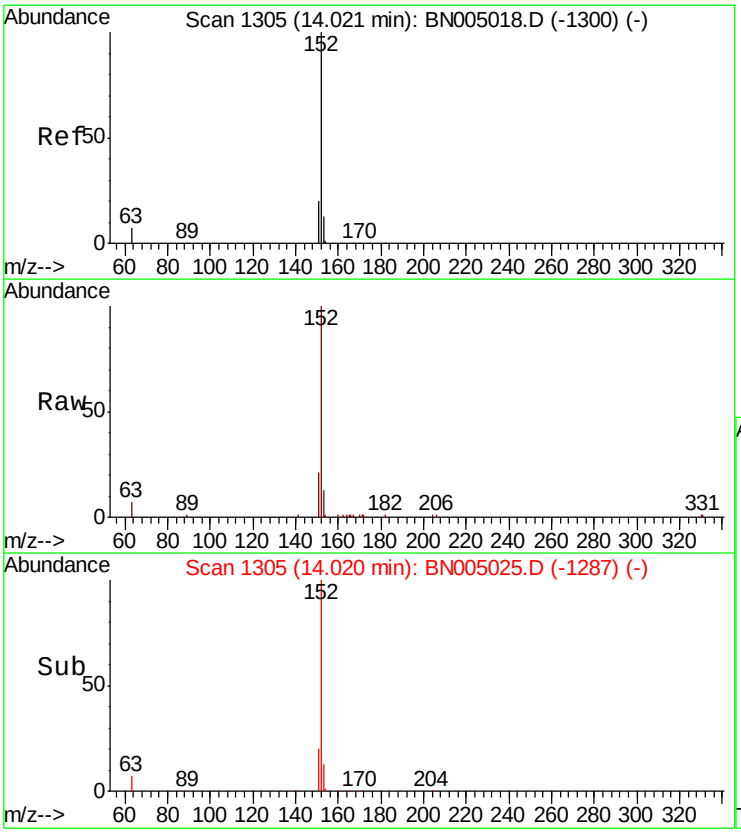
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 10434

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	20.0	30.0

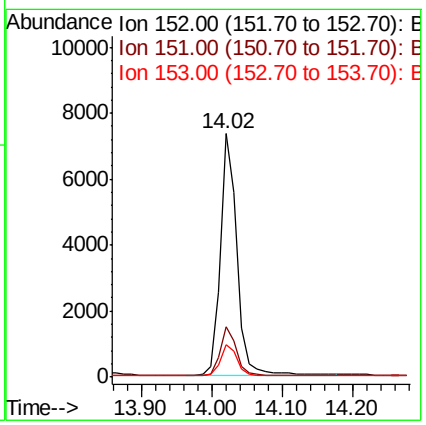


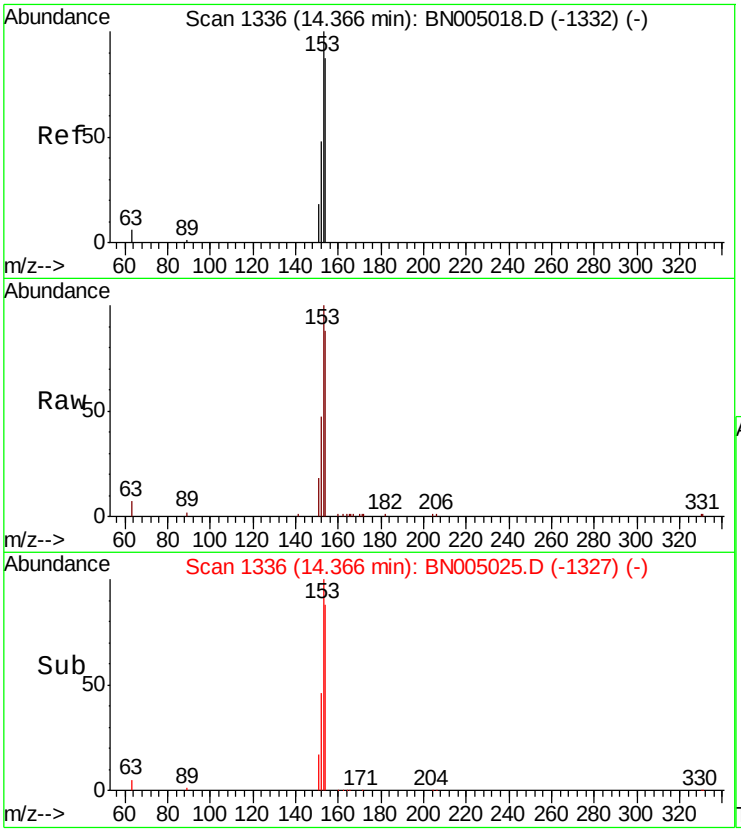


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:152 Resp: 12166

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.6	15.8



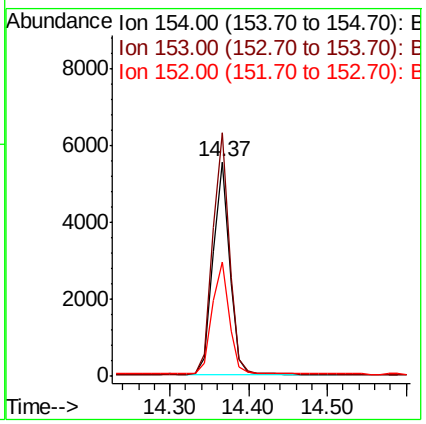


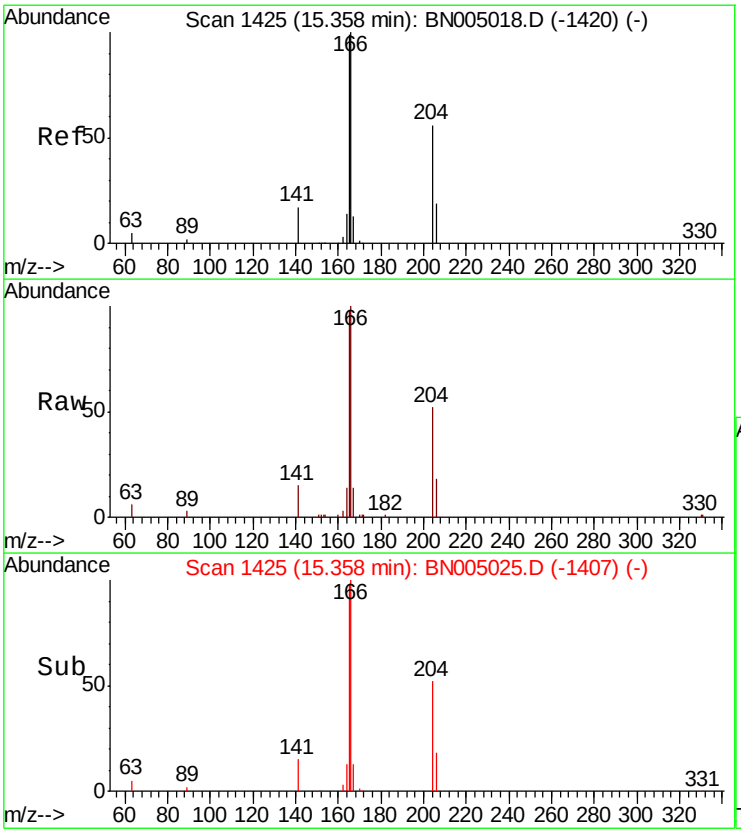
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8066

Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.1	138.1
152	54.6	44.2	66.2

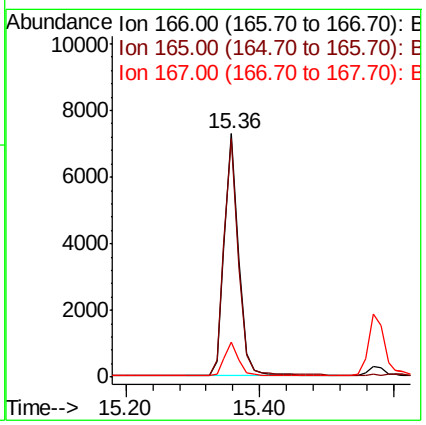


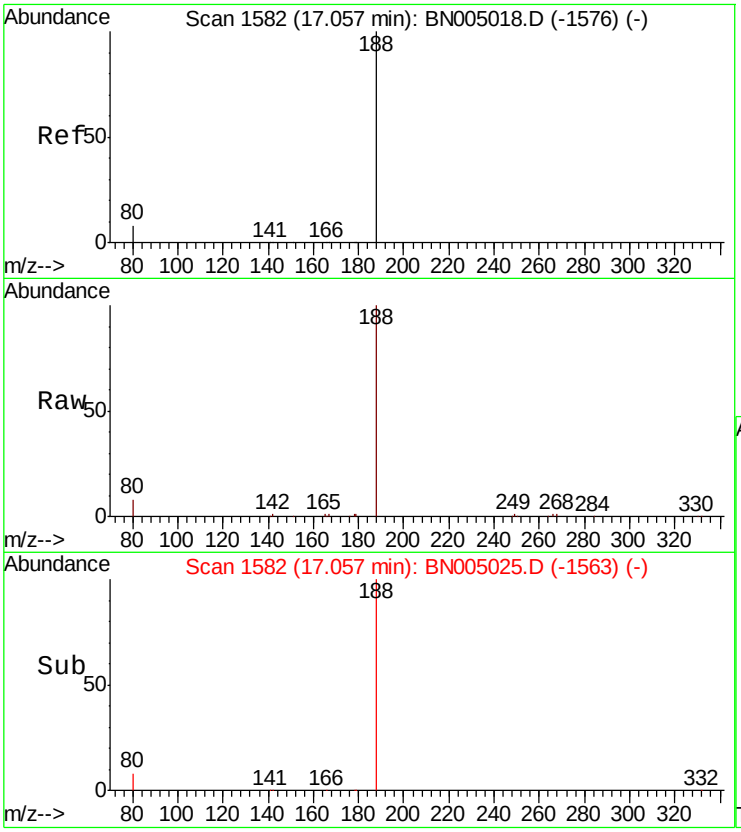


#18
Fluorene
Concen: 0.397 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:166 Resp: 10776

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.7	118.1
167	13.5	10.9	16.3



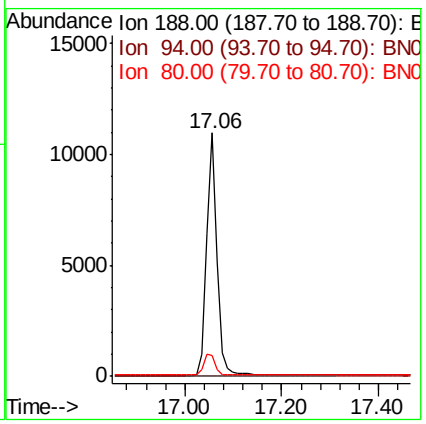


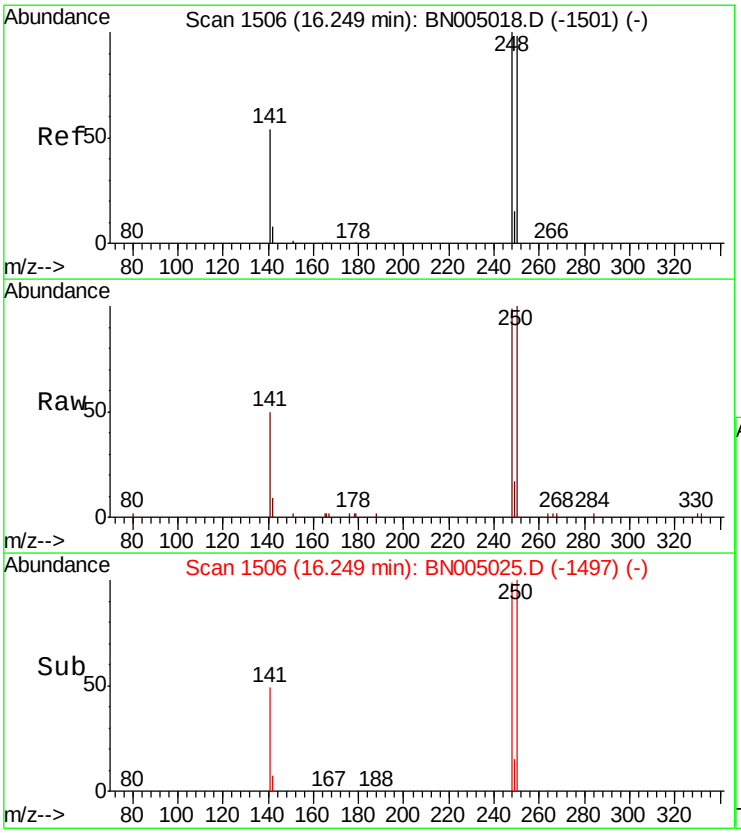
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16295

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.9	10.3

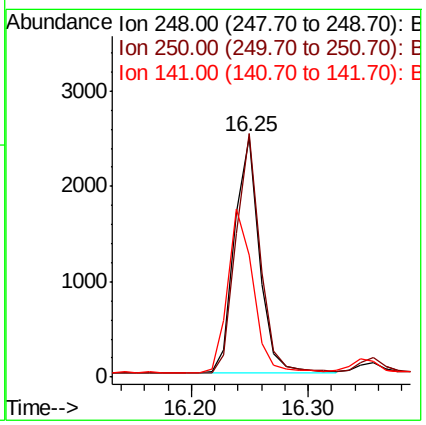


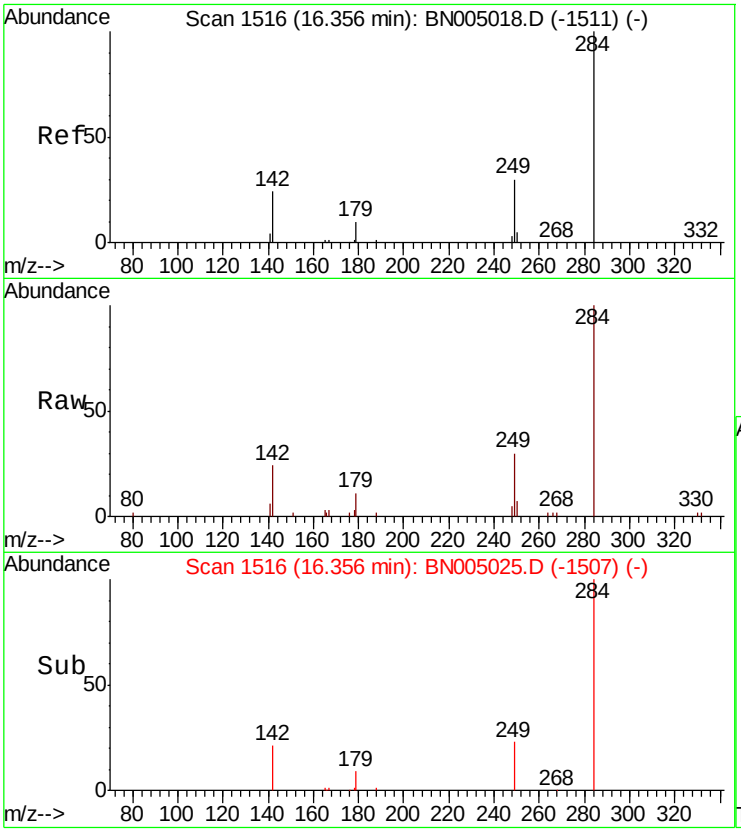


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:248 Resp: 3635

Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.6	117.8
141	51.0	43.6	65.4



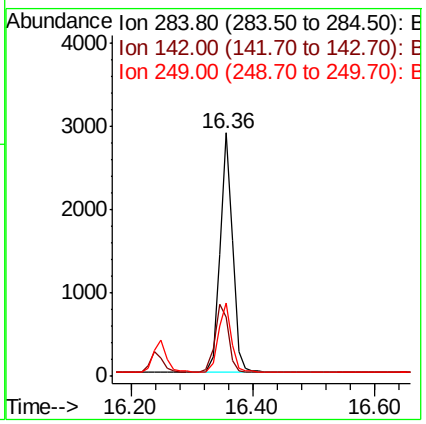


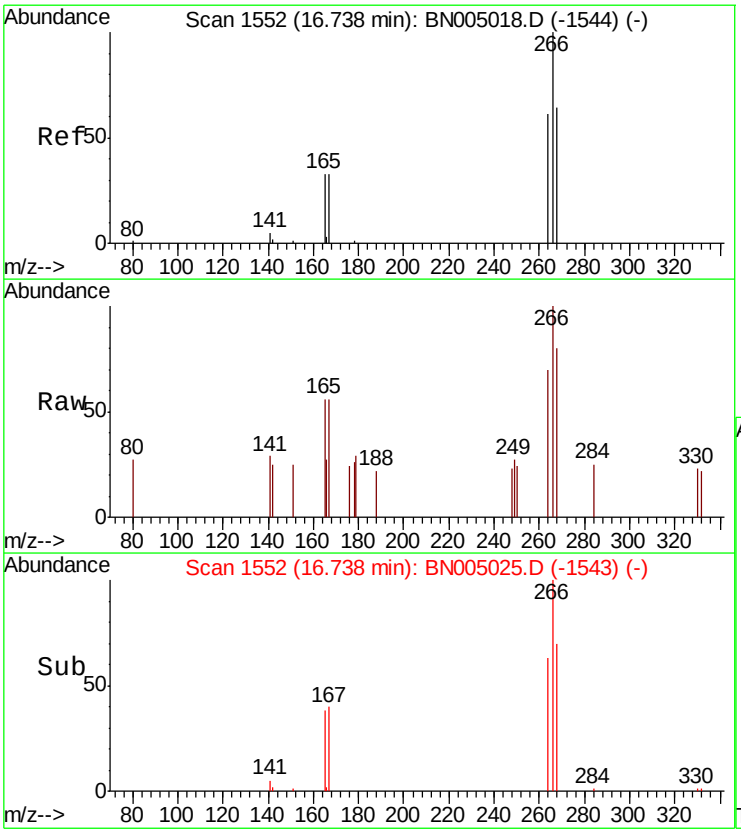
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.36 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4087

Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.9	37.3
249	29.0	23.8	35.6

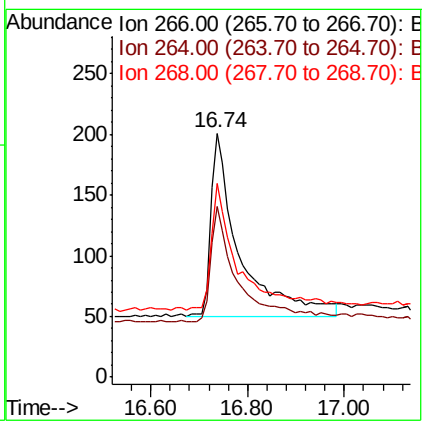


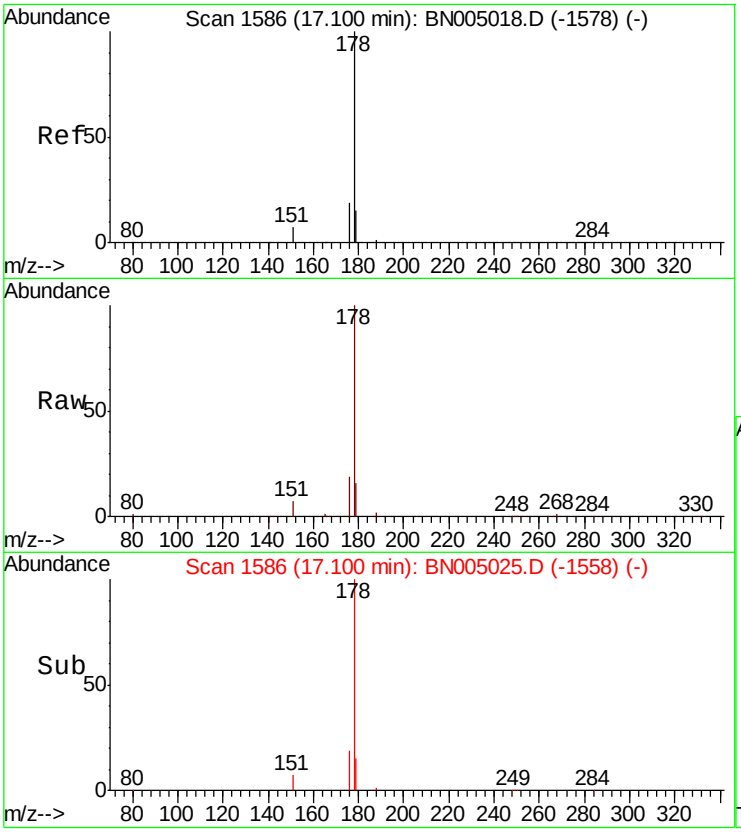


#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:266 Resp: 619

Ion	Ratio	Lower	Upper
266	100		
264	70.1	53.4	80.0
268	79.6	58.9	88.3



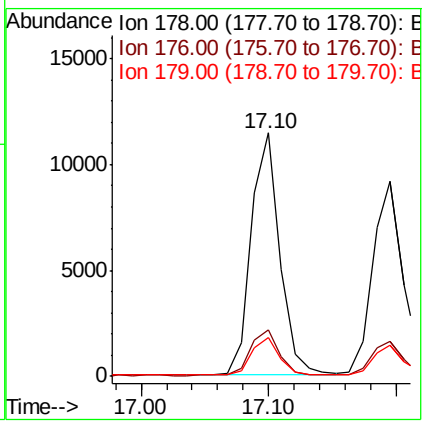


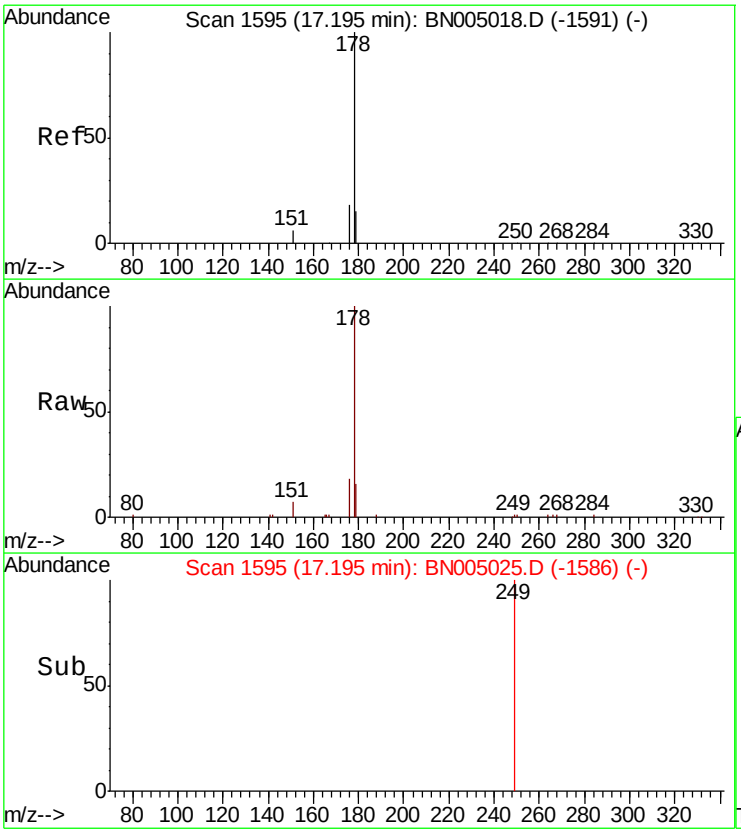
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17990

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

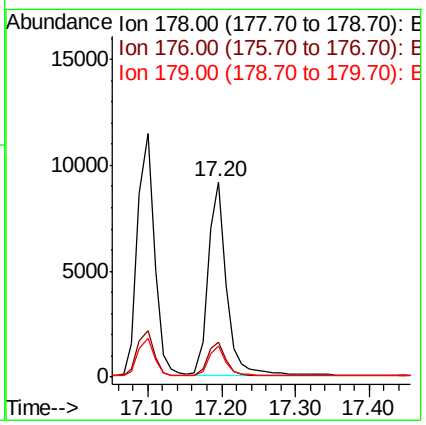


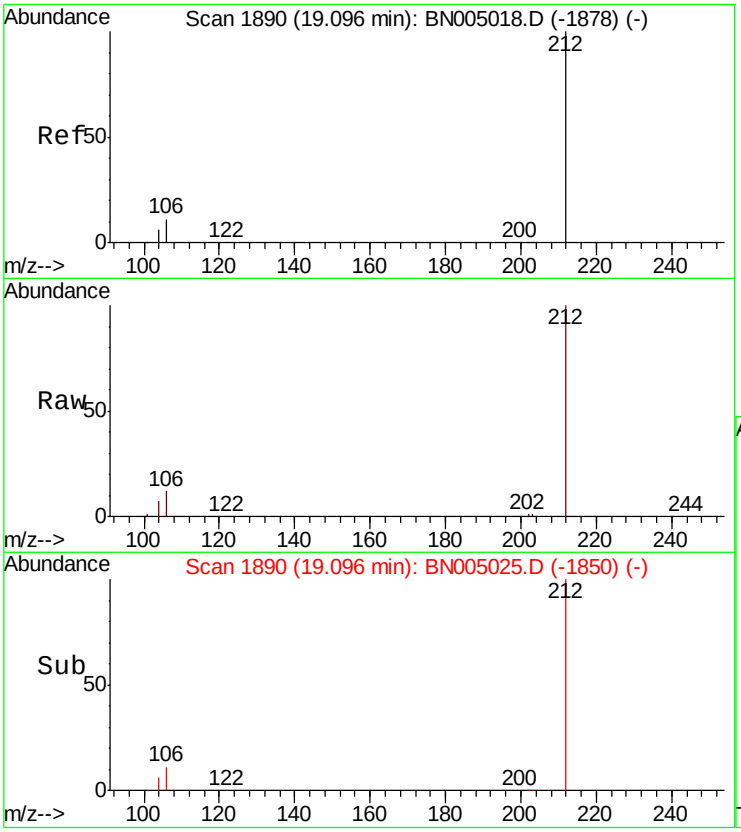


#24
Anthracene
Concen: 0.386 ng
RT: 17.20 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:178 Resp: 15664

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.2	12.3	18.5



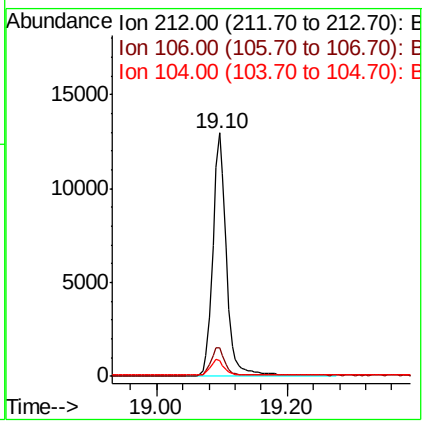


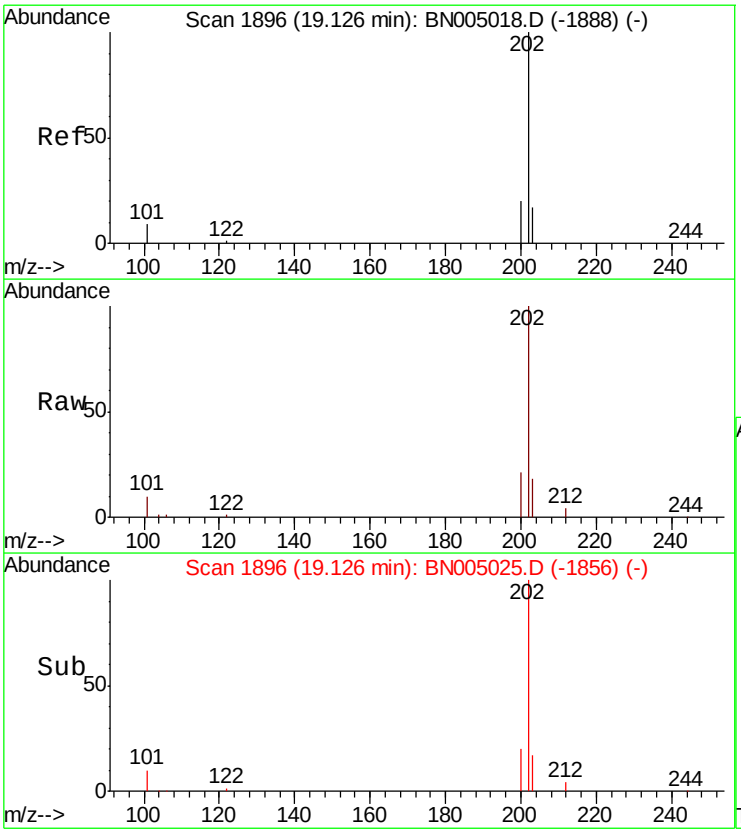
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 18567

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.2
104	6.5	5.4	8.0

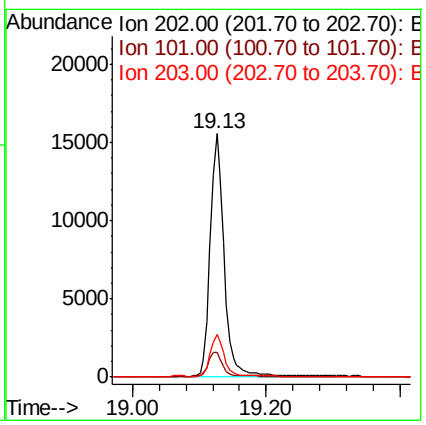


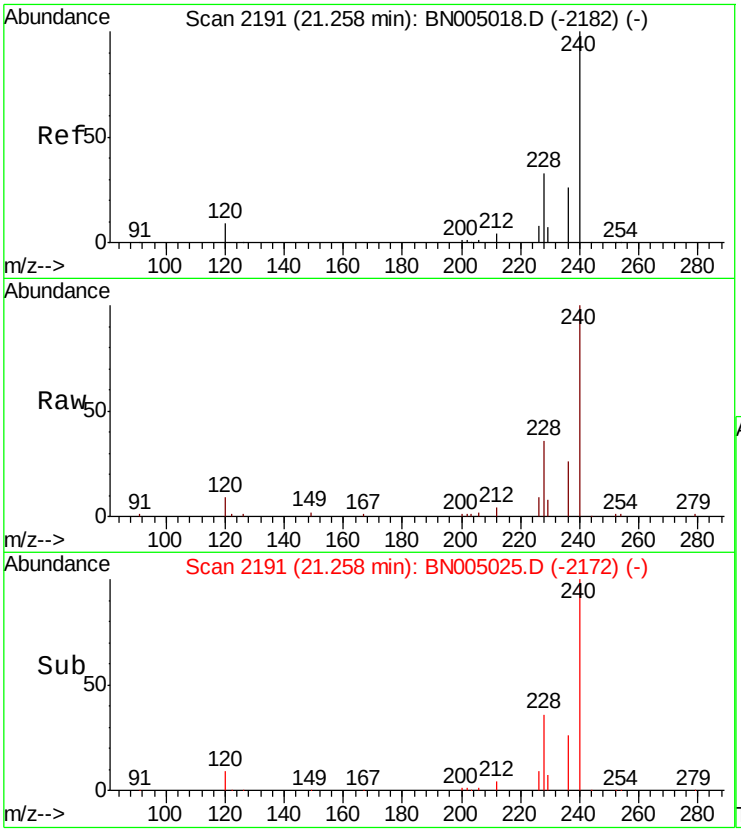


#26
Fluoranthene
Concen: 0.396 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:202 Resp: 22120

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.0	13.8	20.8



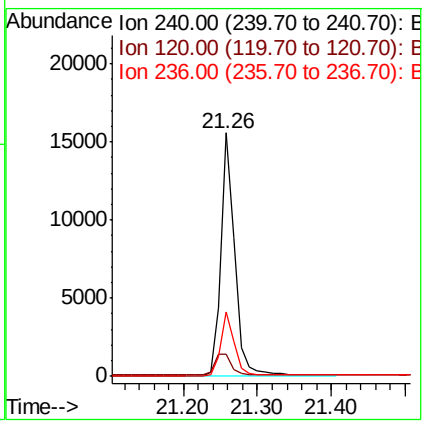


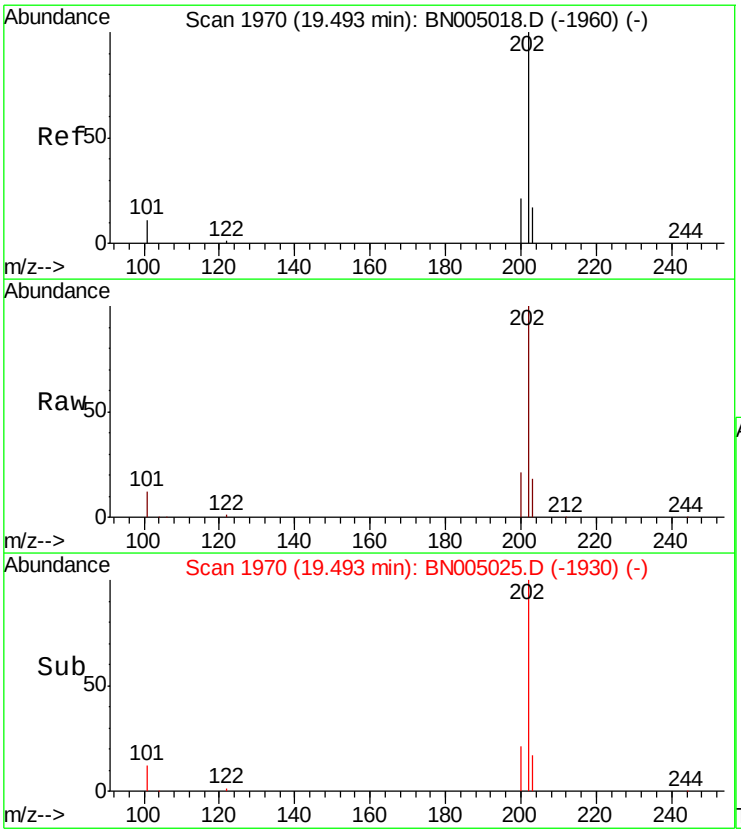
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 20631

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.4	11.0
236	26.3	21.0	31.6

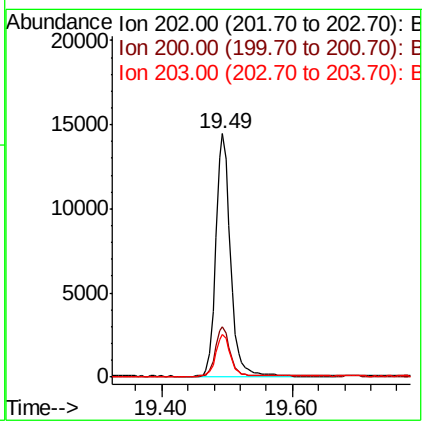


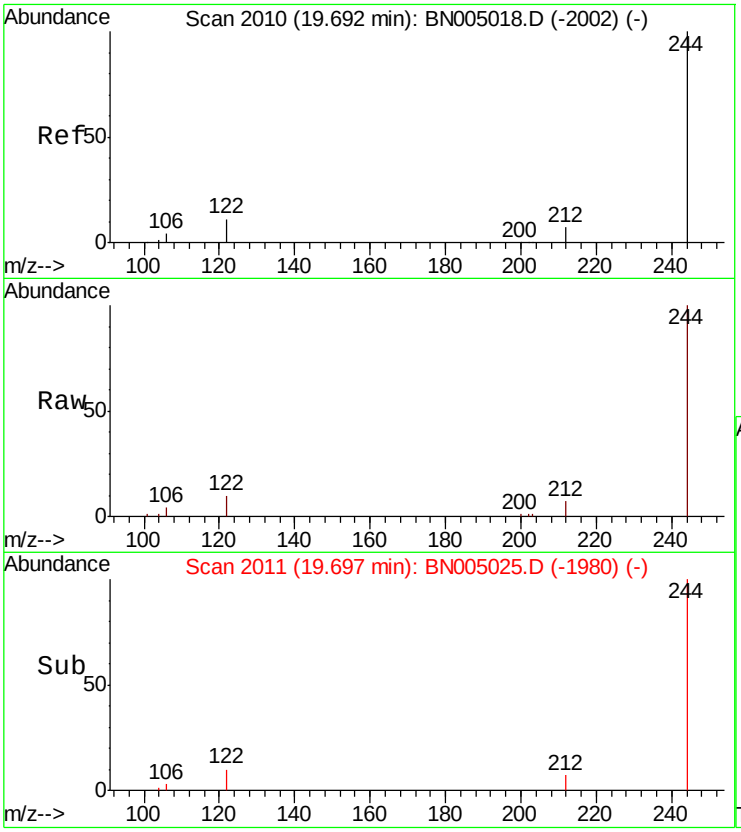


#28
Pyrene
Concen: 0.384 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:202 Resp: 22514

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.3	13.9	20.9



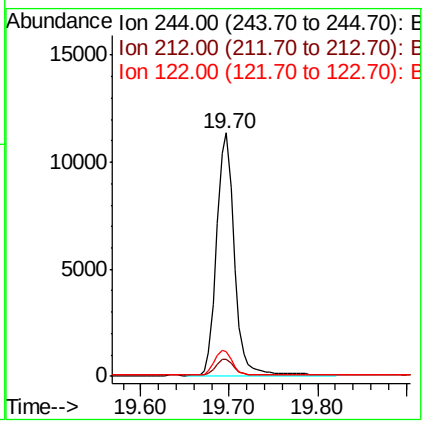


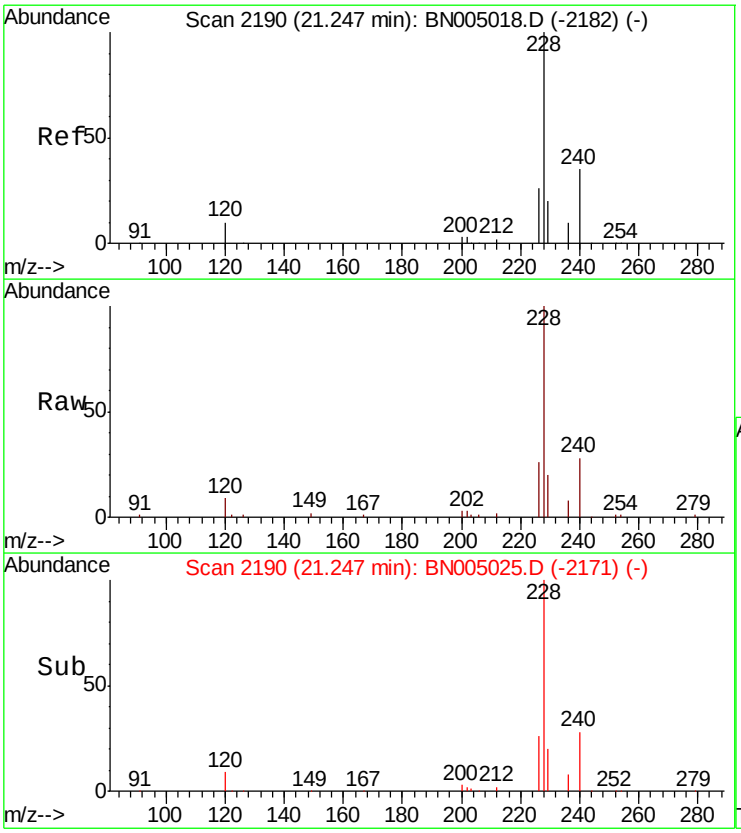
#29
Terphenyl-d14
Concen: 0.372 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15776

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.2	9.0	13.4

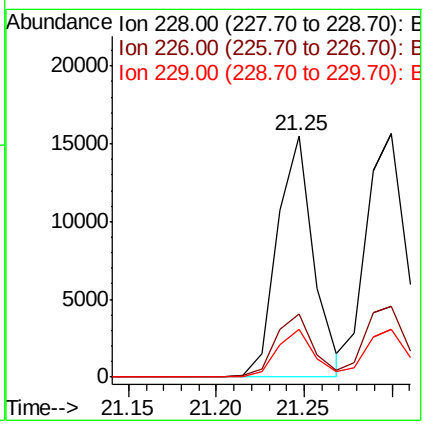


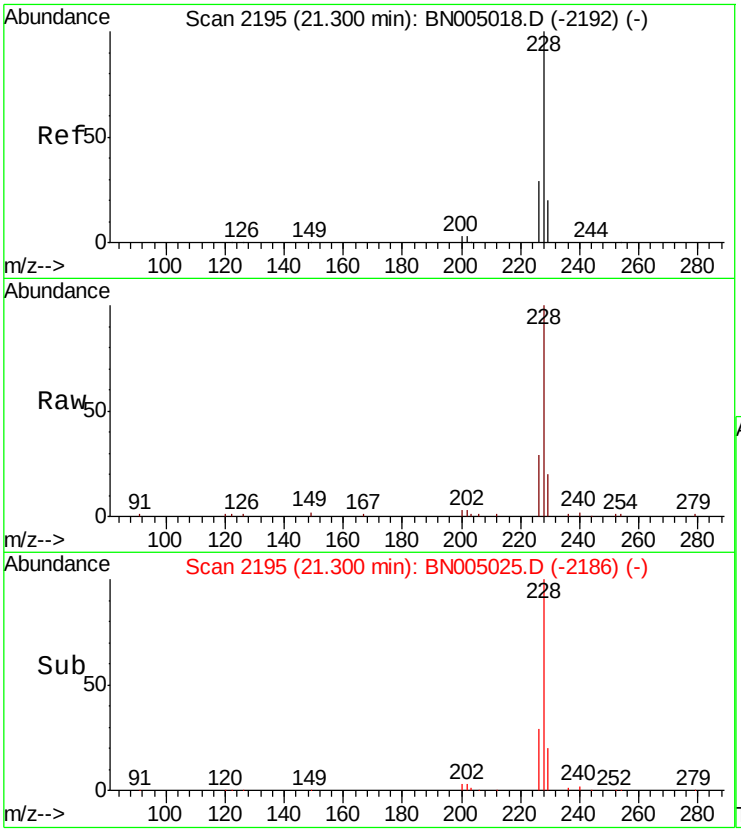


#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:228 Resp: 22149

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.9	31.3
229	20.0	16.2	24.2



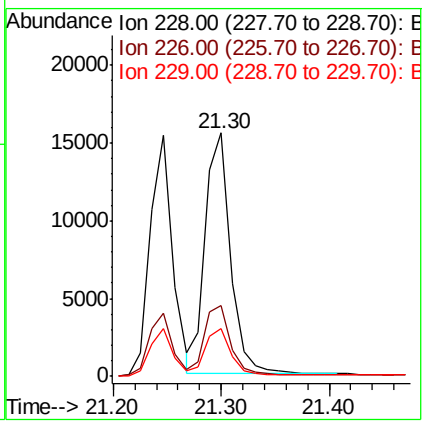


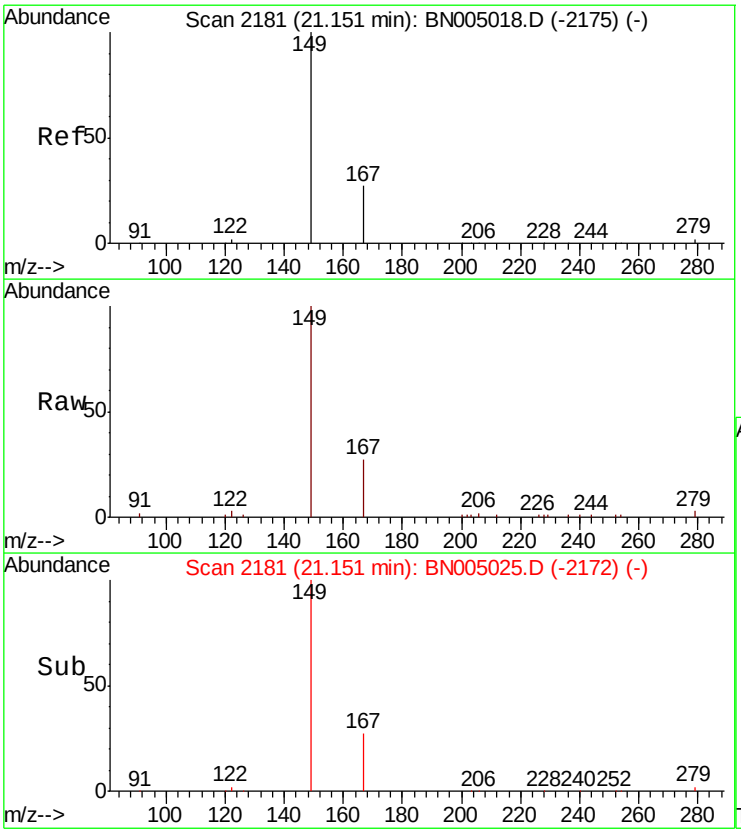
#31
Chrysene
Concen: 0.403 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 25259

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.8	34.2
229	19.8	16.2	24.4

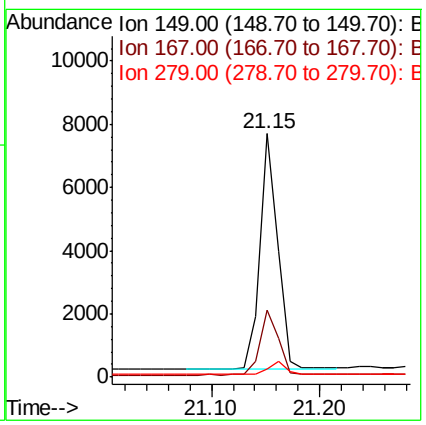


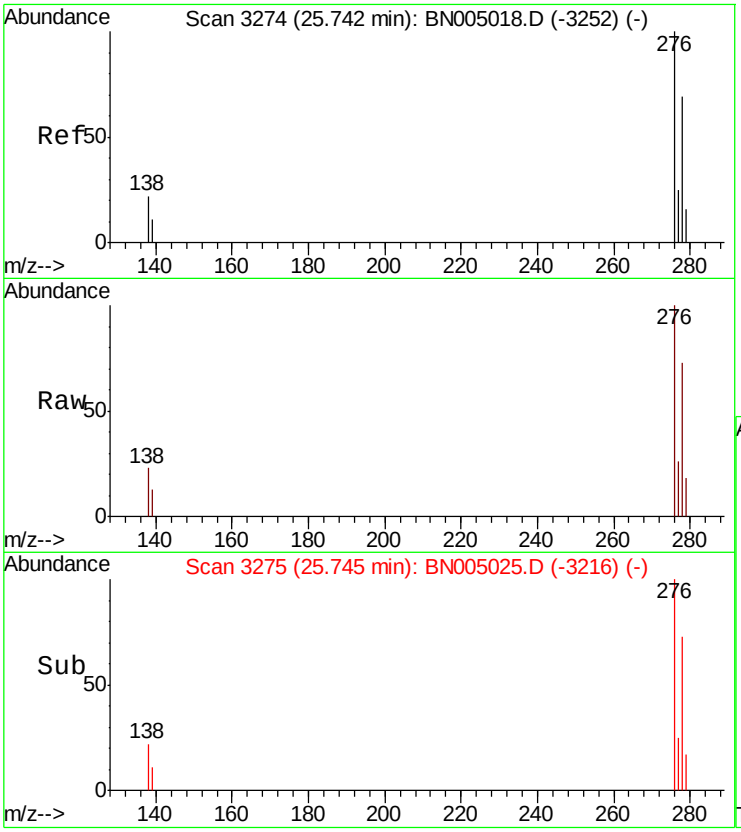


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:149 Resp: 8515

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	5.4	4.2	6.4



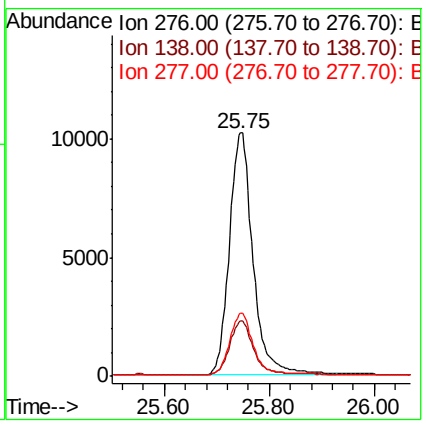


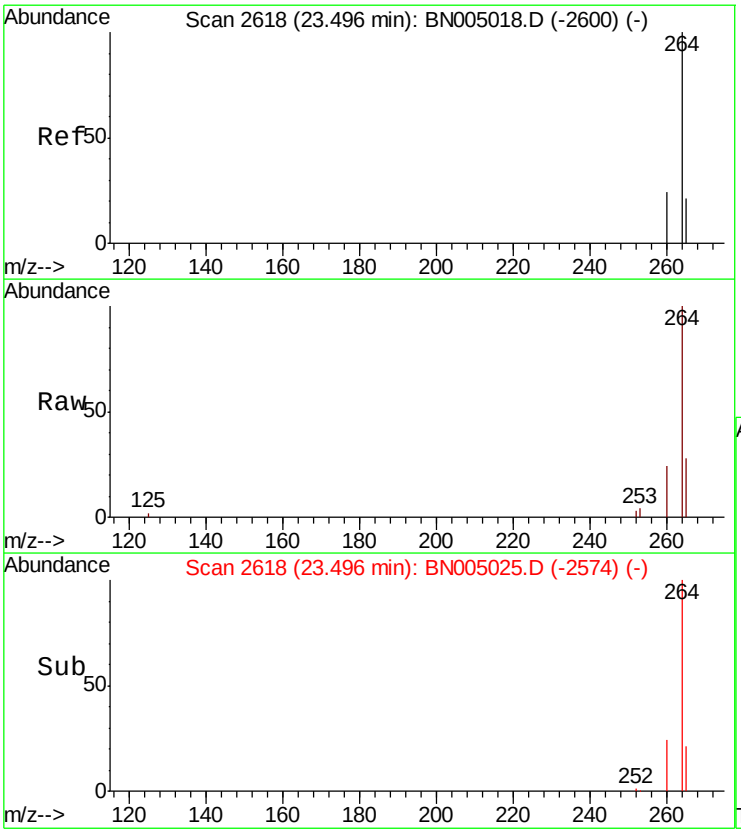
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng
RT: 25.75 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 31994

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.2
277	25.5	20.3	30.5

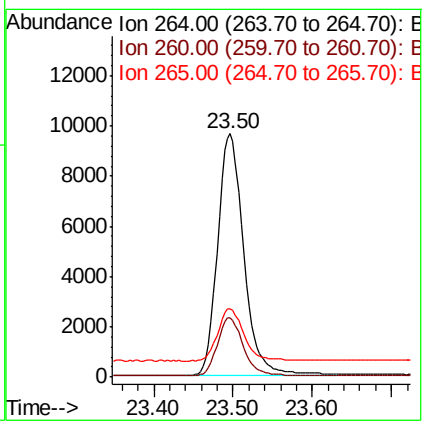


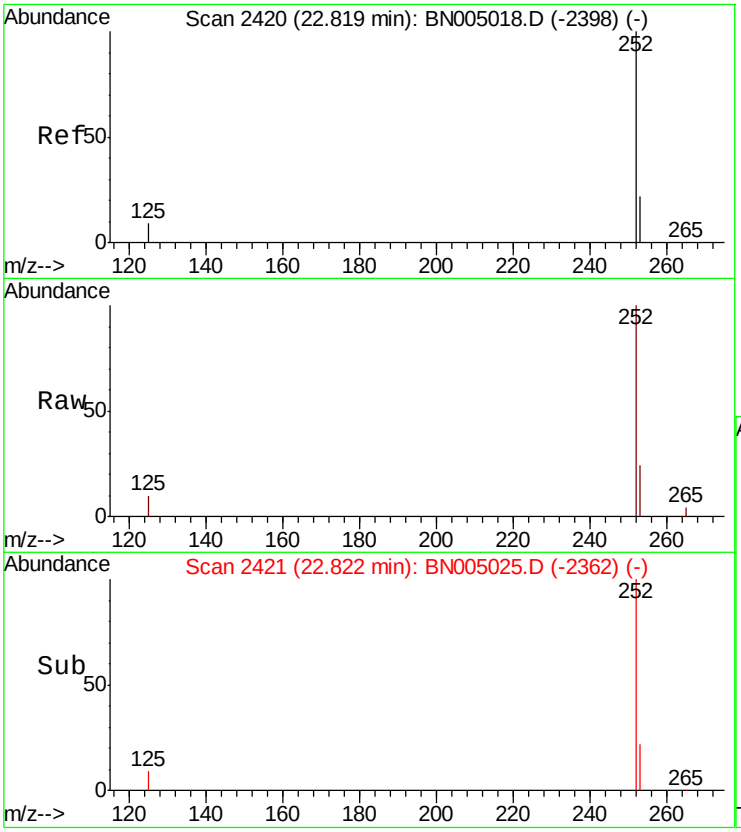


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:264 Resp: 22040

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	27.8	22.5	33.7



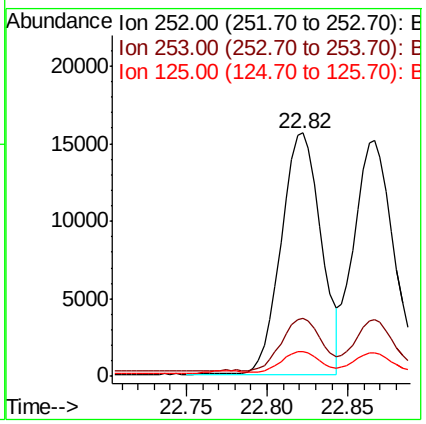


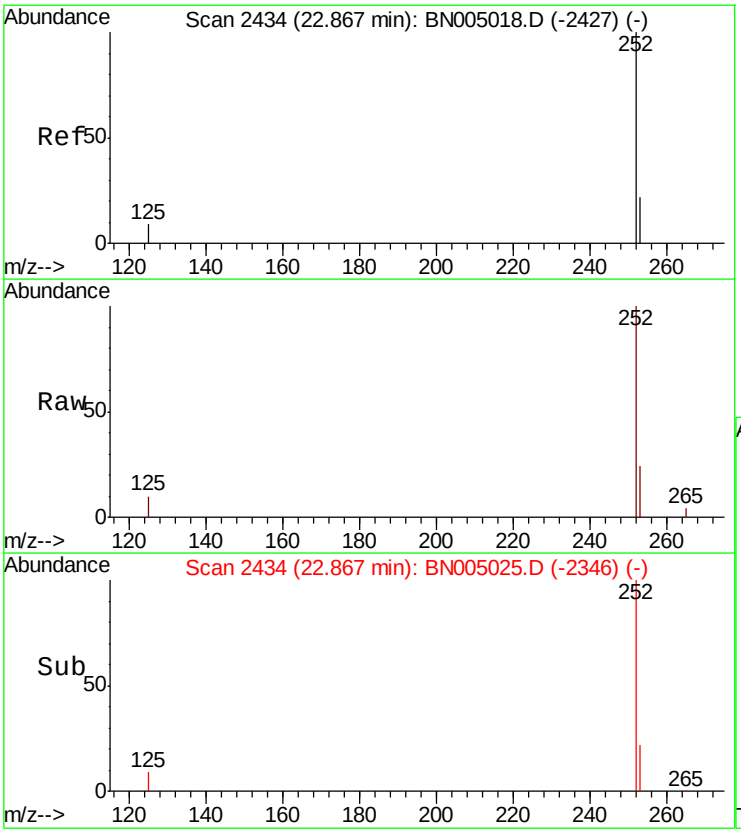
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.82 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26728

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	10.1	8.2	12.2

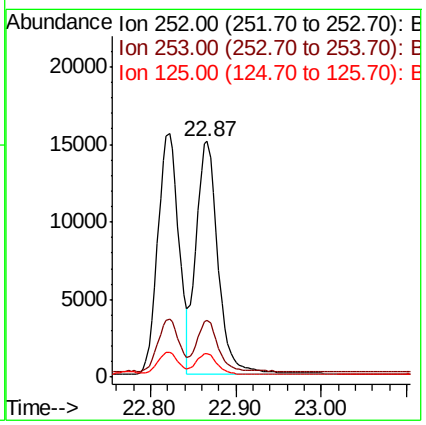


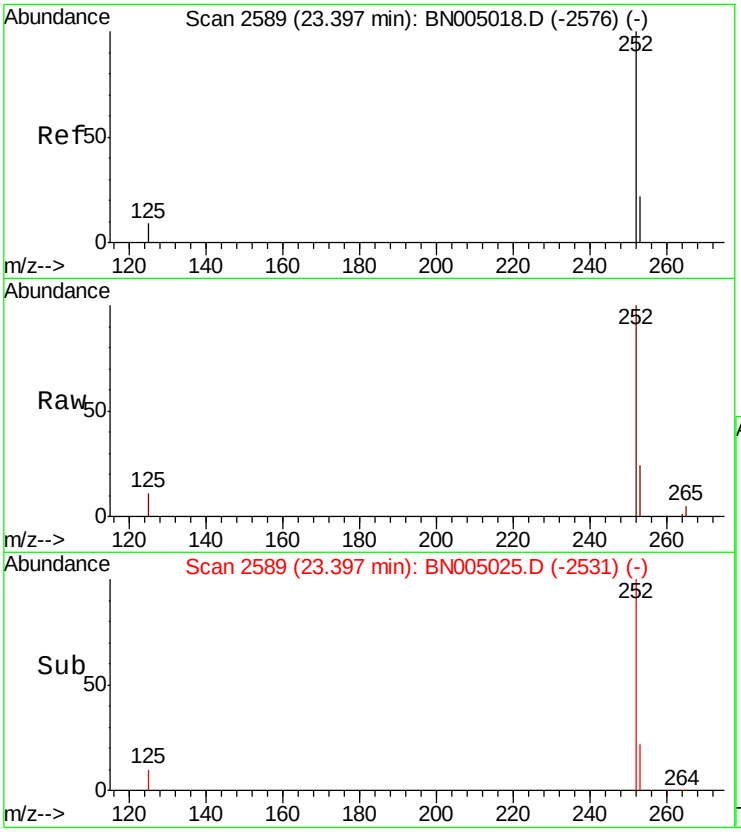


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.87 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:252 Resp: 26914

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.3	28.9
125	10.1	8.2	12.2



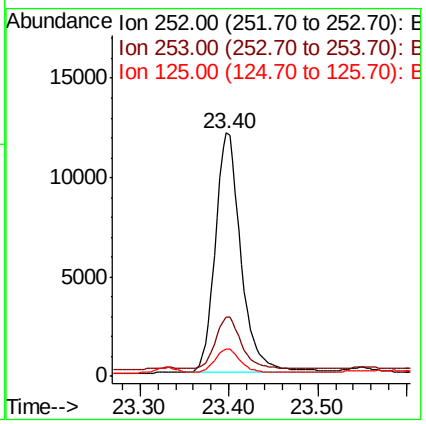


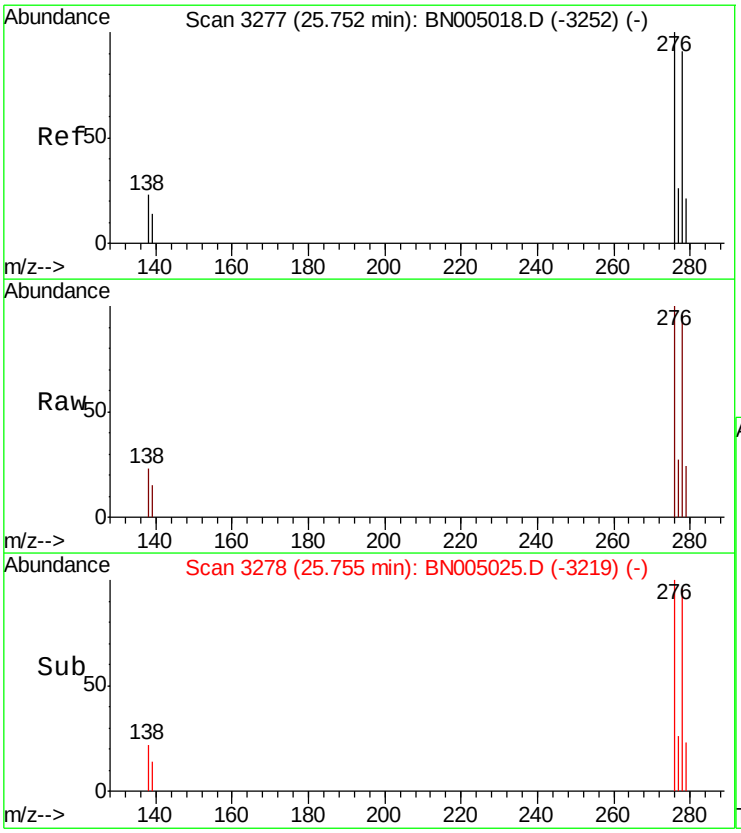
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.40 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24498

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.2
125	11.3	9.2	13.8

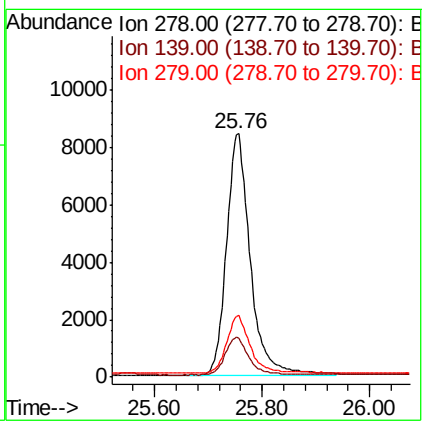


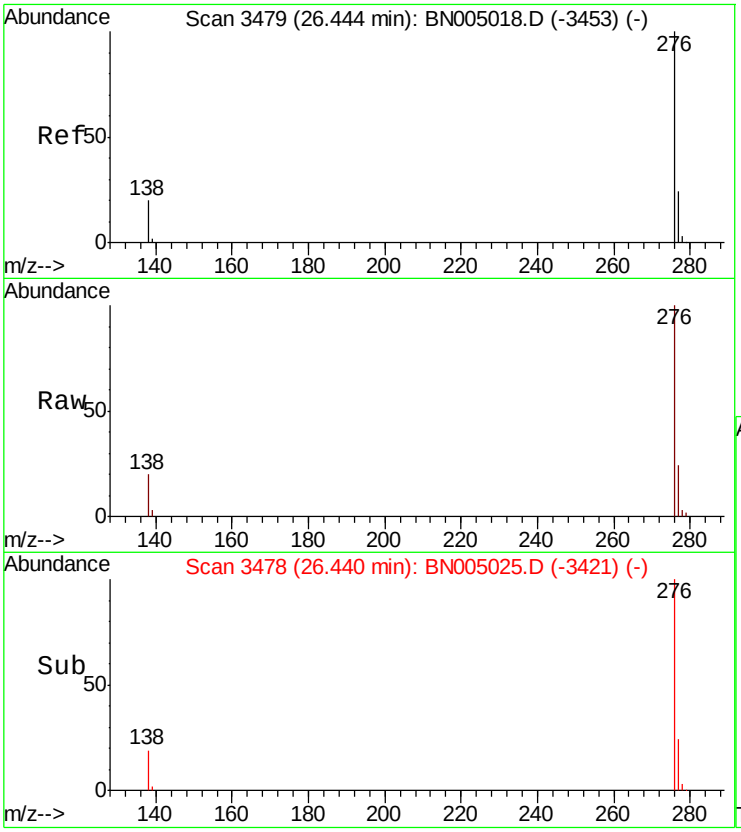


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 25.76 min Scan# 3278
Delta R.T. 0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Tgt Ion:278 Resp: 25982

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.1	19.7
279	25.2	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.426 ng
RT: 26.44 min Scan# 3478
Delta R.T. -0.00 min
Lab File: BN005025.D
Acq: 29 Mar 2019 08:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 26982

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.6
138	20.3	16.4	24.6