Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005038.D
Acq On : 29 Mar 2019 17:39
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 29 23:50:59 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	2531	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	10893	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	6638	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	15942	0.40	ng		0.00
27) Chrysene-d12	21.26	240	18228	0.40	ng		0.00
34) Perylene-d12	23.50	264	17964	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2373	0.38	ng		0.00
5) Phenol-d6	6.85	99	2783	0.37	ng		0.00
8) Nitrobenzene-d5	8.83	82	2224	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	6699	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1236	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	10060	0.40	ng		0.01
25) Fluoranthene-d10	19.10	212	17378	0.38	ng		0.00
29) Terphenyl-d14	19.70	244	15086	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1023	0.376	ng		96
3) n-Nitrosodimethylamine	3.54	42	495	0.298	ng	#	88
6) bis(2-Chloroethyl)ether	7.10	93	2596	0.367	ng		96
9) Naphthalene	10.49	128	11003	0.402	ng		100
10) Hexachlorobutadiene	10.76	225	2084	0.410	ng	#	100
12) 2-Methylnaphthalene	12.12	142	7771	0.393	ng		98
16) Acenaphthylene	14.02	152	11354	0.362	ng		99
17) Acenaphthene	14.37	154	7828	0.393	ng		99
18) Fluorene	15.36	166	10429	0.391	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	3542	0.388	ng		99
21) Hexachlorobenzene	16.36	284	4098	0.407	ng		99
22) Pentachlorophenol	16.75	266	384	0.276	ng		88
23) Phenanthrene	17.10	178	17593	0.394	ng		100
24) Anthracene	17.20	178	14596	0.367	ng		100
26) Fluoranthene	19.13	202	20923	0.383	ng		100
28) Pyrene	19.49	202	20985	0.405	ng		100
30) Benzo(a)anthracene	21.25	228	18407	0.358	ng		99
31) Chrysene	21.30	228	22729	0.410	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	6888	0.320	ng		100
33) Indeno(1,2,3-cd)pyrene	25.75	276	24636	0.395	ng		99
35) Benzo(b)fluoranthene	22.82	252	23087	0.401	ng		100
36) Benzo(k)fluoranthene	22.87	252	22567	0.405	ng		99
37) Benzo(a)pyrene	23.40	252	20176	0.394	ng		99
38) Dibenzo(a,h)anthracene	25.76	278	19961	0.390	ng		99
39) Benzo(g,h,i)perylene	26.44	276	20478	0.397	ng		99

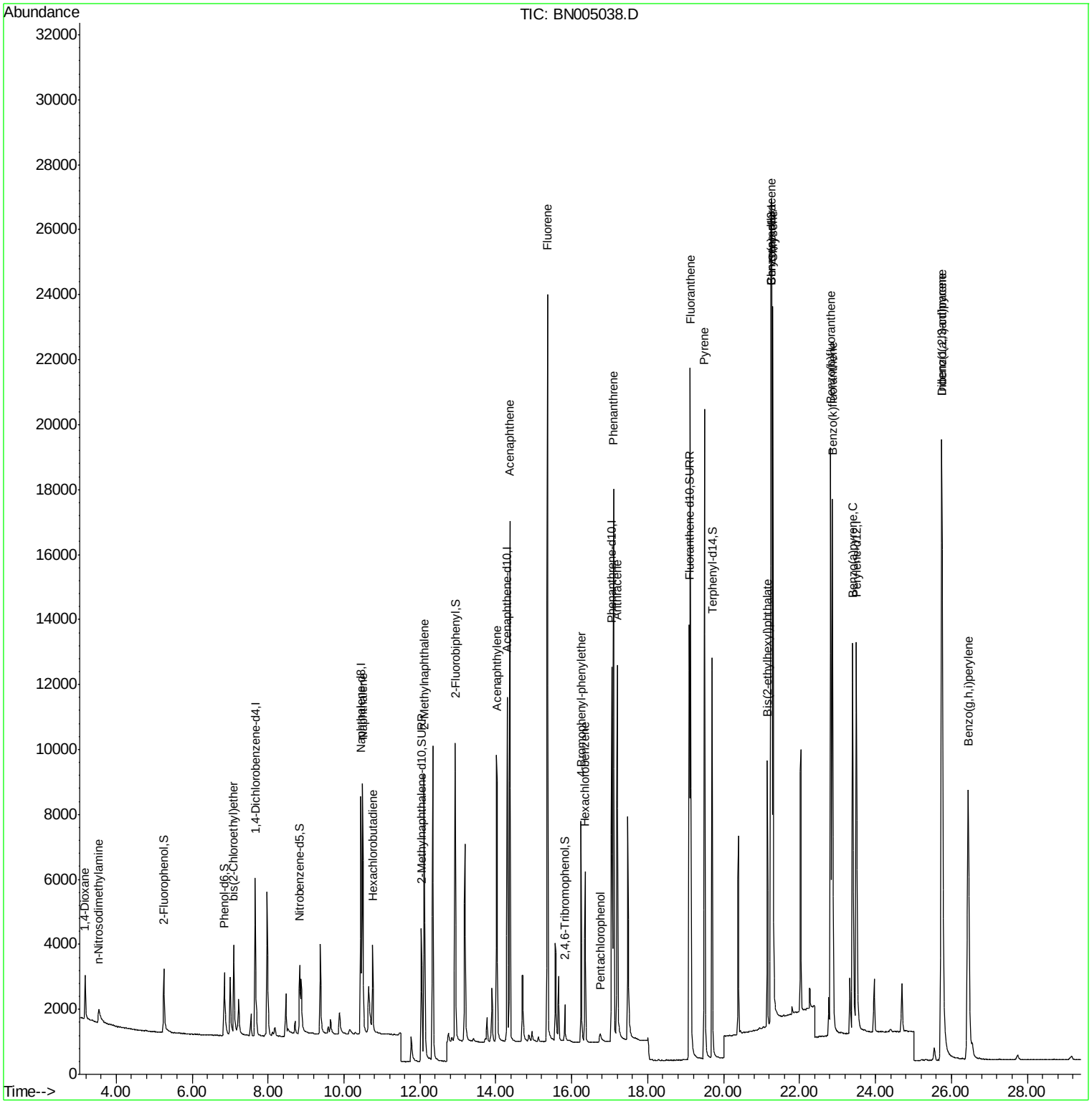
(#) = qualifier out of range (m) = manual integration (+) = signals summed

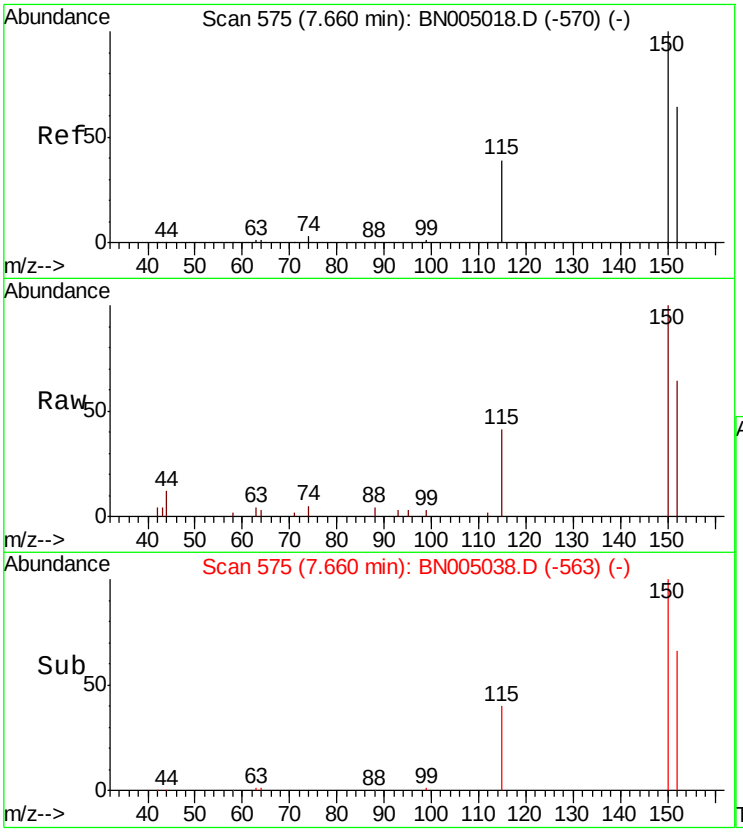
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005038.D
Acq On : 29 Mar 2019 17:39
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 29 23:50:59 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



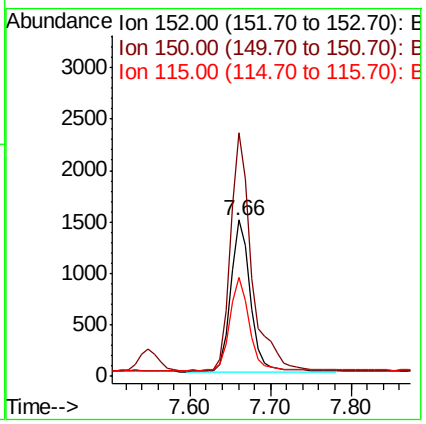


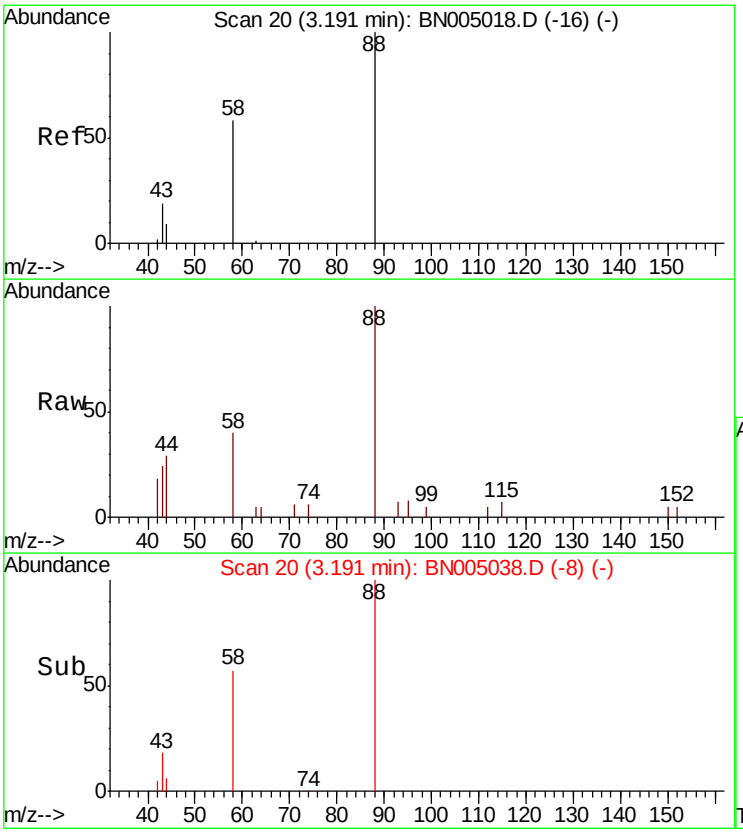
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2531

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.4	185.2
115	63.5	50.0	75.0

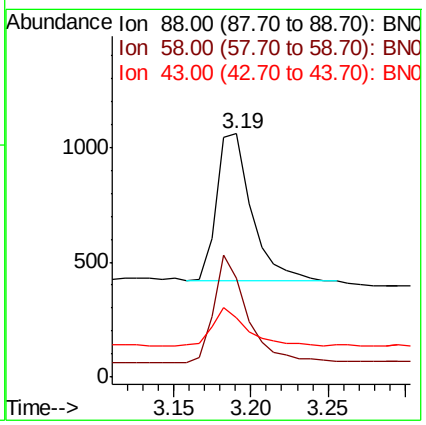


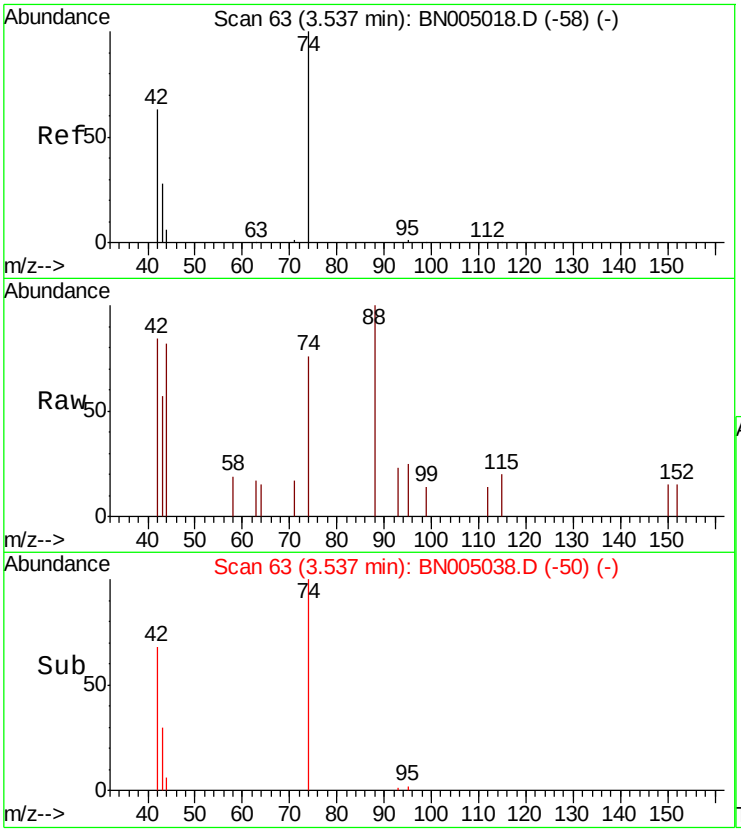


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.19 min Scan# 20
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion: 88 Resp: 1023

Ion	Ratio	Lower	Upper
88	100		
58	70.0	52.8	79.2
43	24.7	19.6	29.4



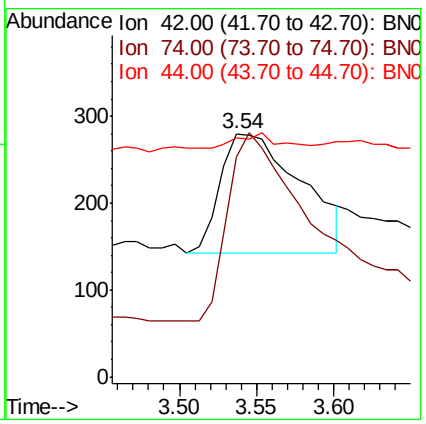


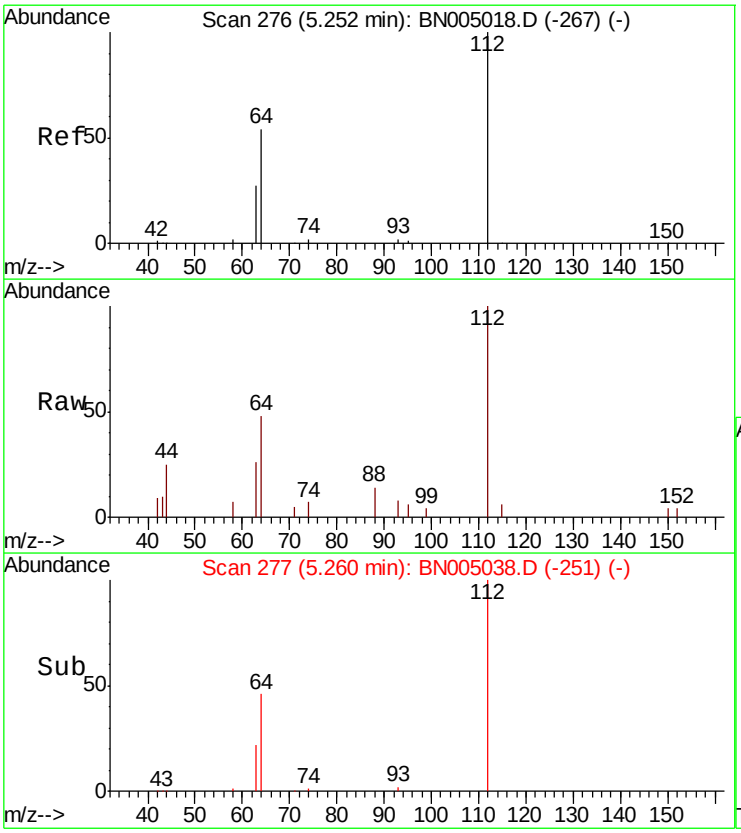
#3
n-Nitrosodimethylamine
Concen: 0.298 ng
RT: 3.54 min Scan# 63
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 495

Ion	Ratio	Lower	Upper
42	100		
74	146.7	129.1	193.7
44	6.5	11.6	17.4#

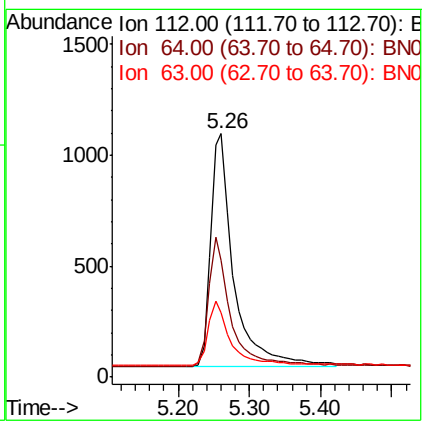


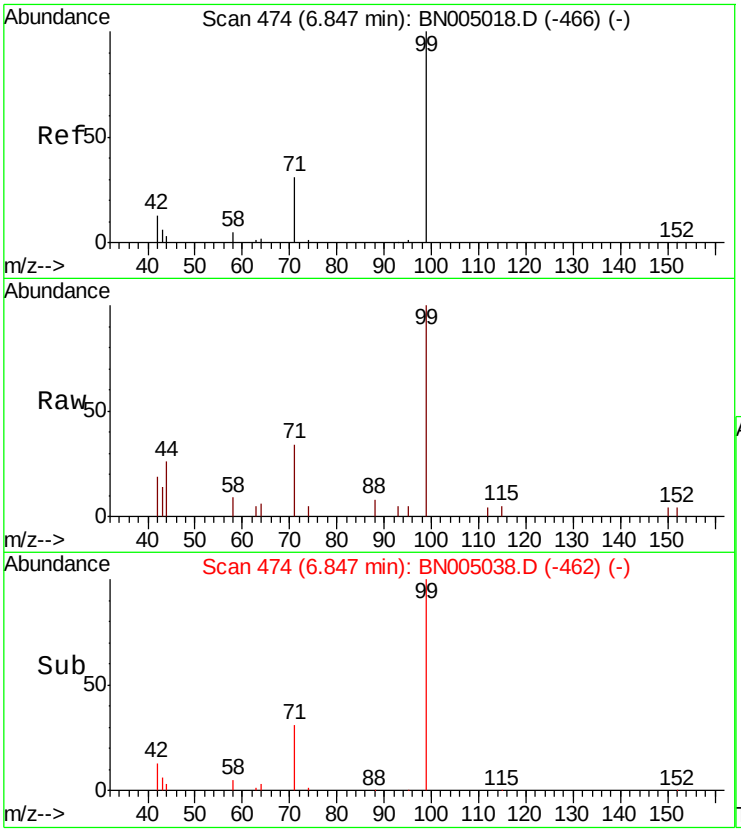


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:112 Resp: 2373

Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.9	62.9
63	26.6	21.5	32.3



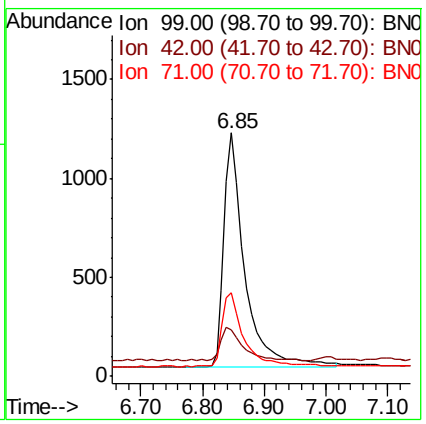


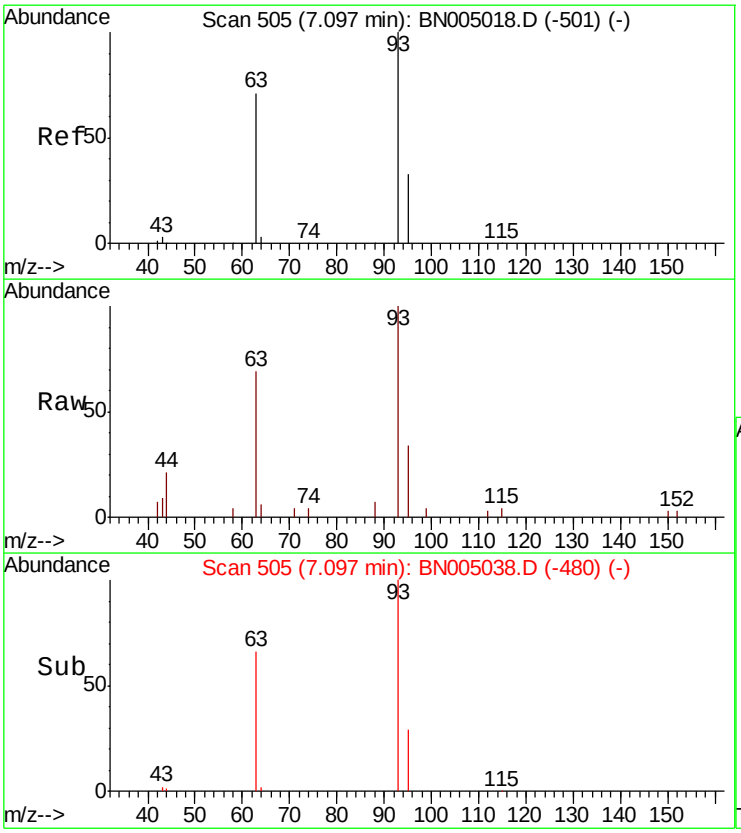
#5
Phenol-d6
Concen: 0.372 ng
RT: 6.85 min Scan# 474
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2783

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

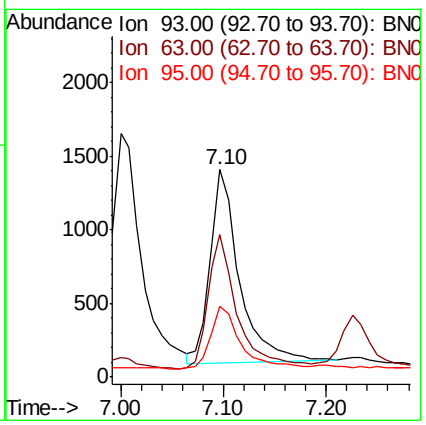


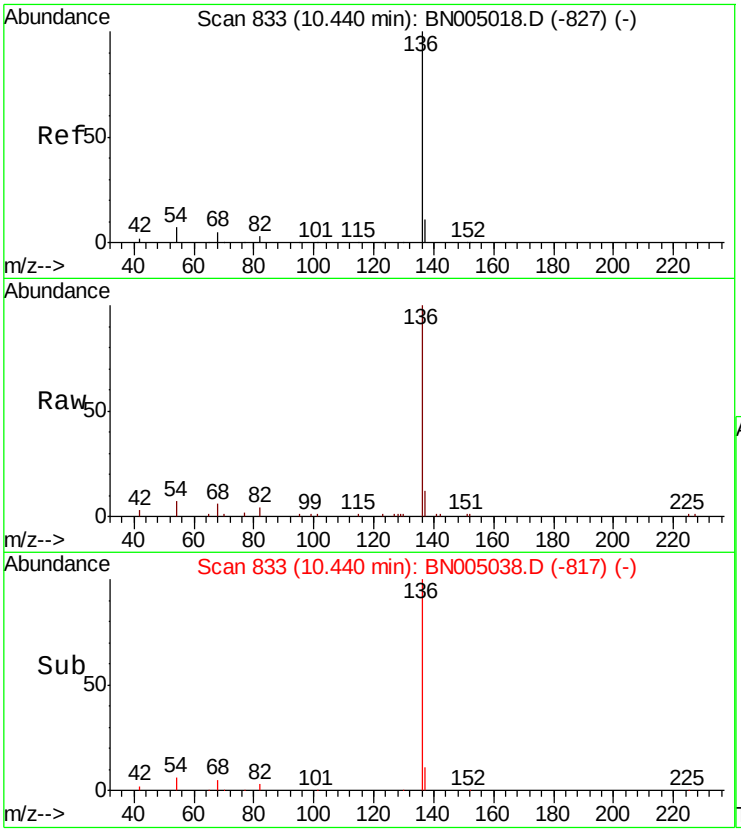


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.10 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion: 93 Resp: 2596

Ion	Ratio	Lower	Upper
93	100		
63	68.4	51.8	77.6
95	32.7	24.8	37.2



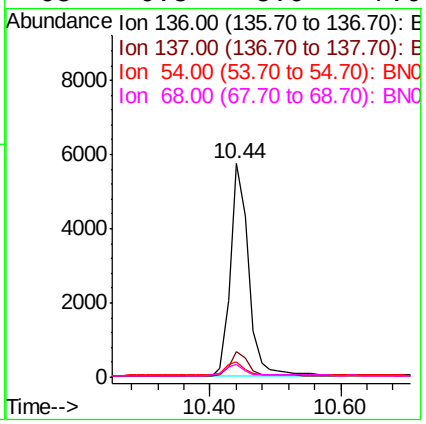


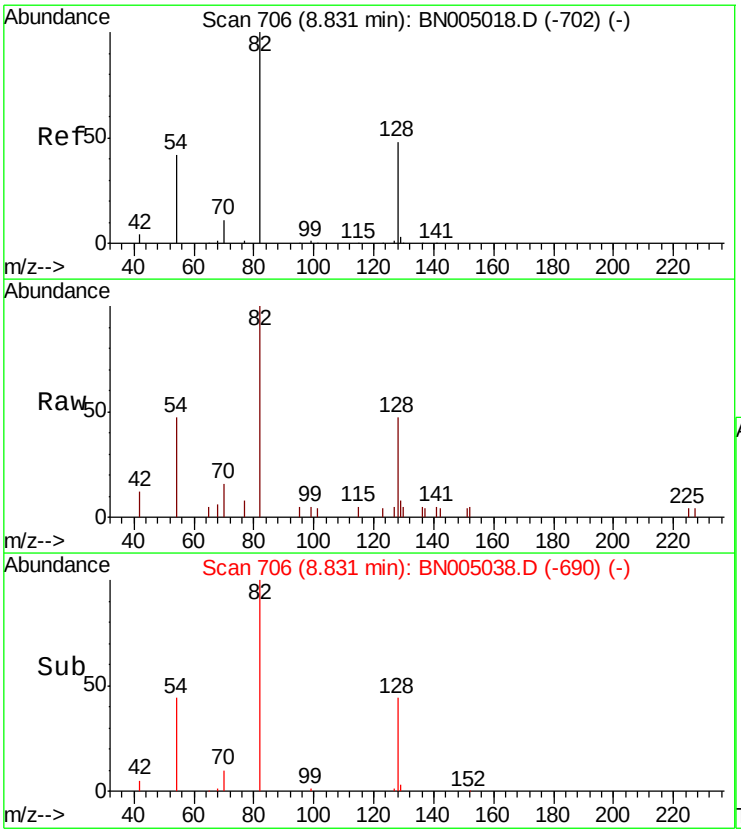
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 10893

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.3	6.0	9.0
68	6.3	5.0	7.6

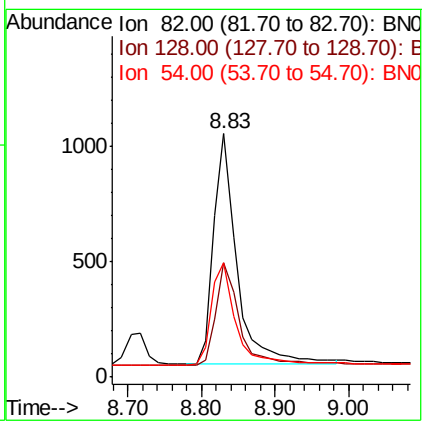


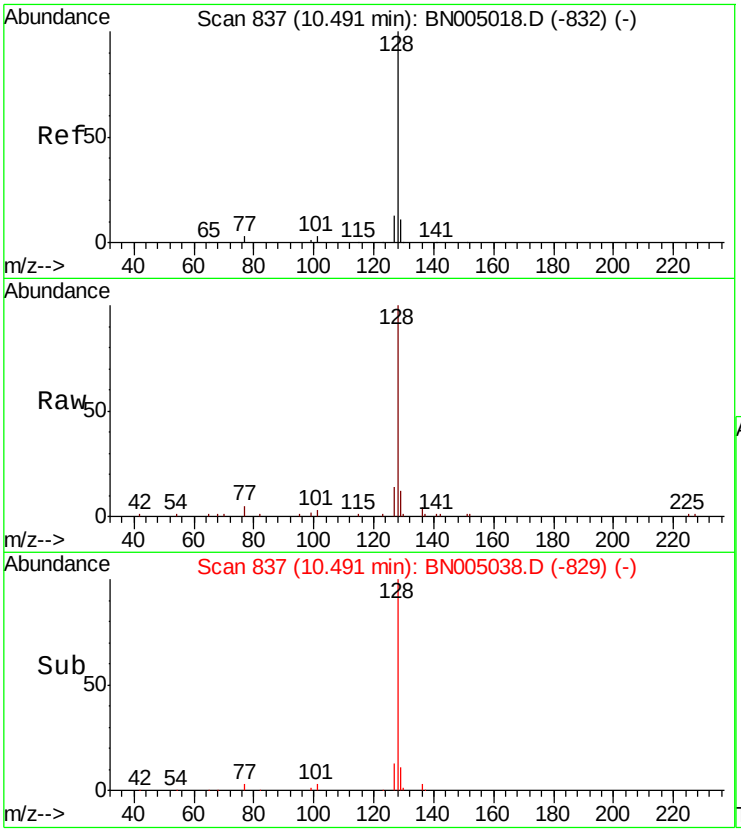


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.83 min Scan# 706
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion: 82 Resp: 2224

Ion	Ratio	Lower	Upper
82	100		
128	46.8	40.5	60.7
54	46.7	35.7	53.5



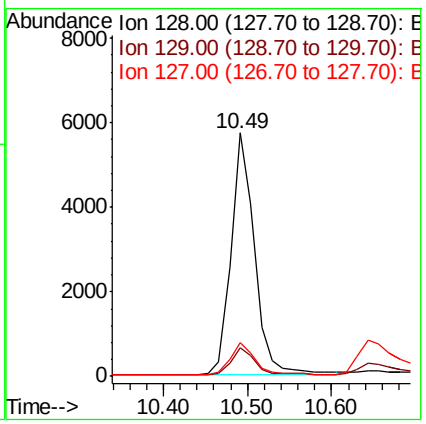


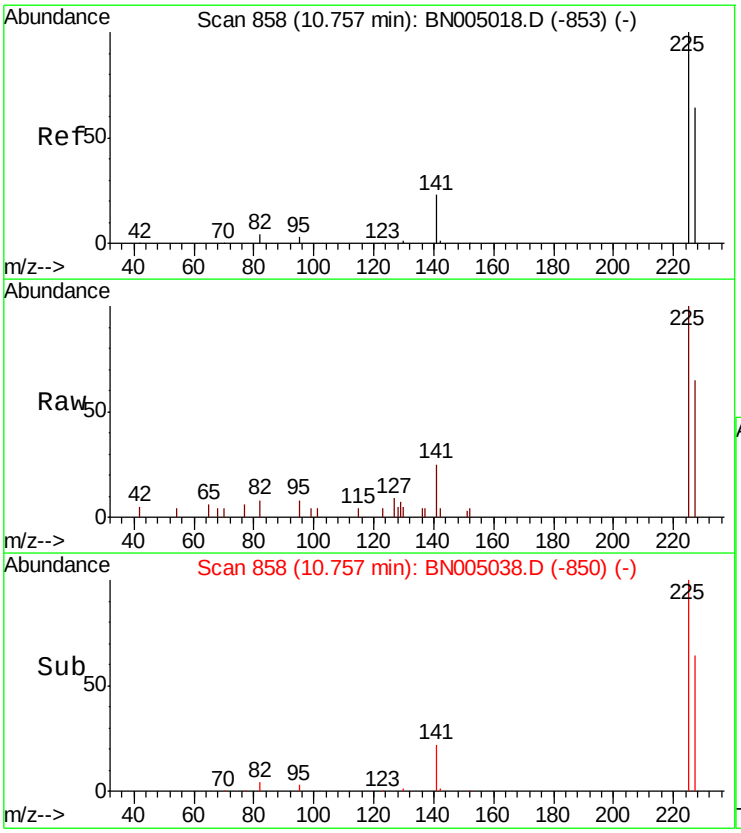
#9
Naphthalene
Concen: 0.402 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11003

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.0	11.0	16.6

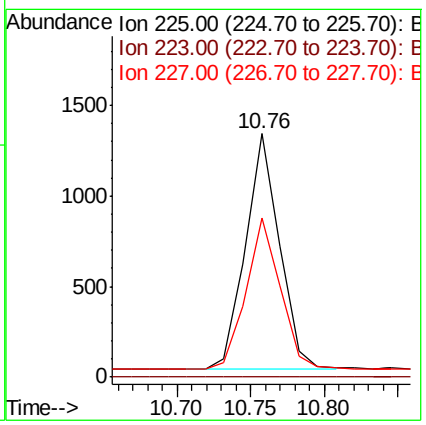


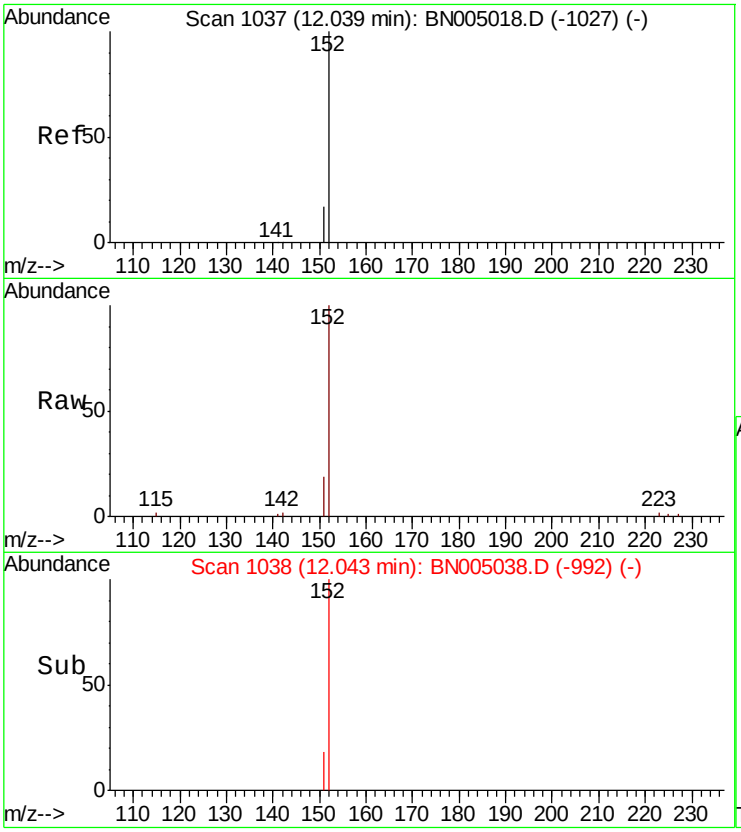


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:225 Resp: 2084

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.5	77.3



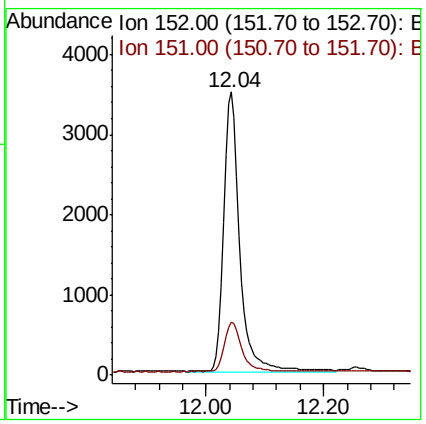


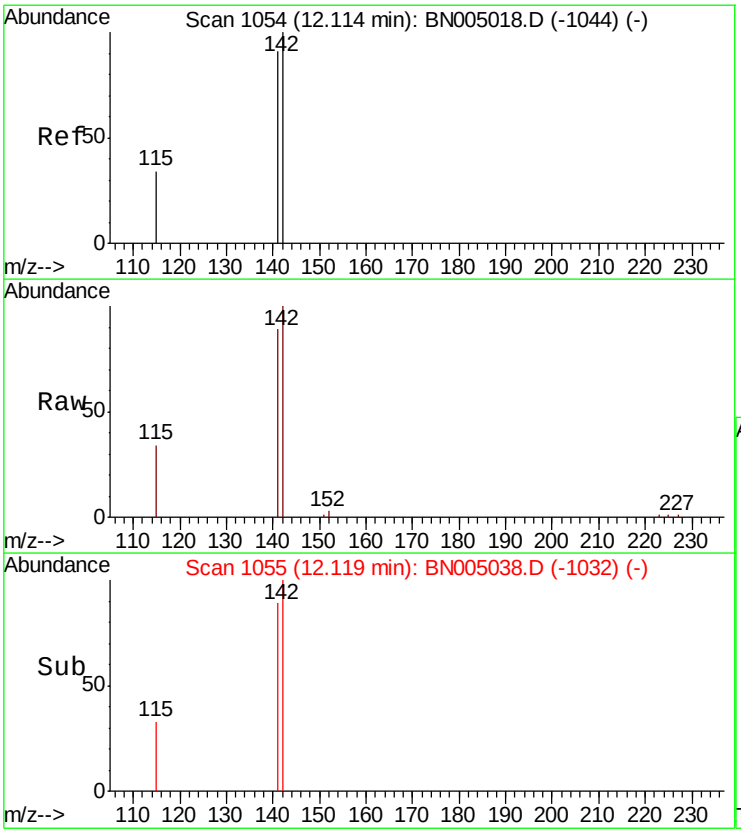
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.04 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6699

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9

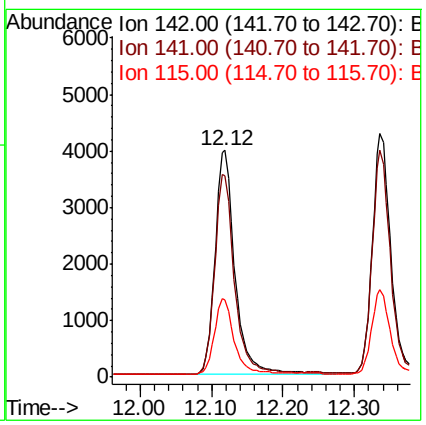


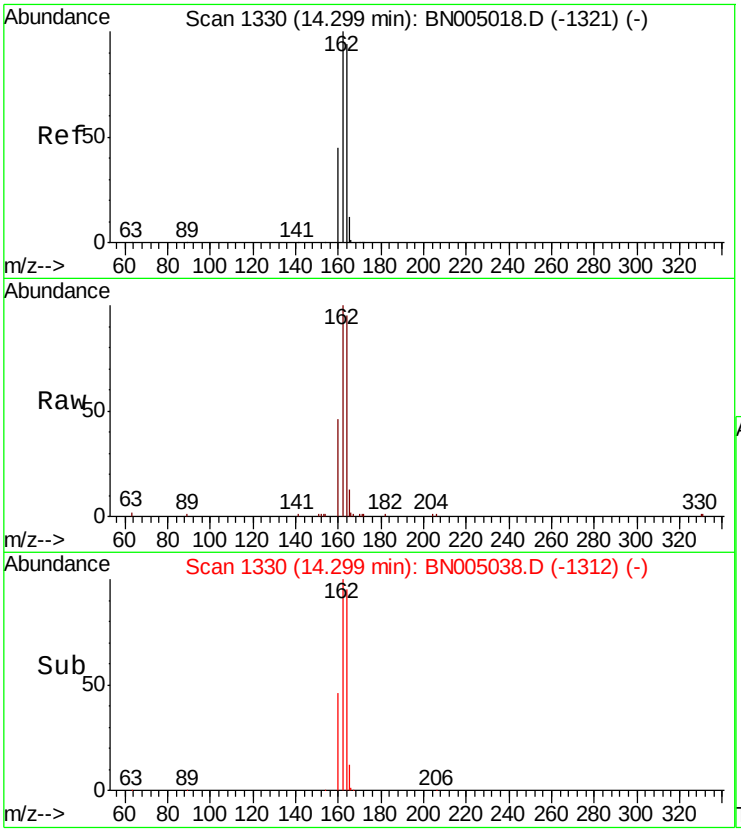


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.12 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:142 Resp: 7771

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8
115	33.9	27.8	41.8



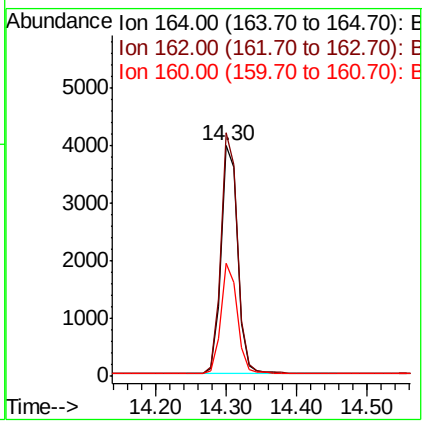


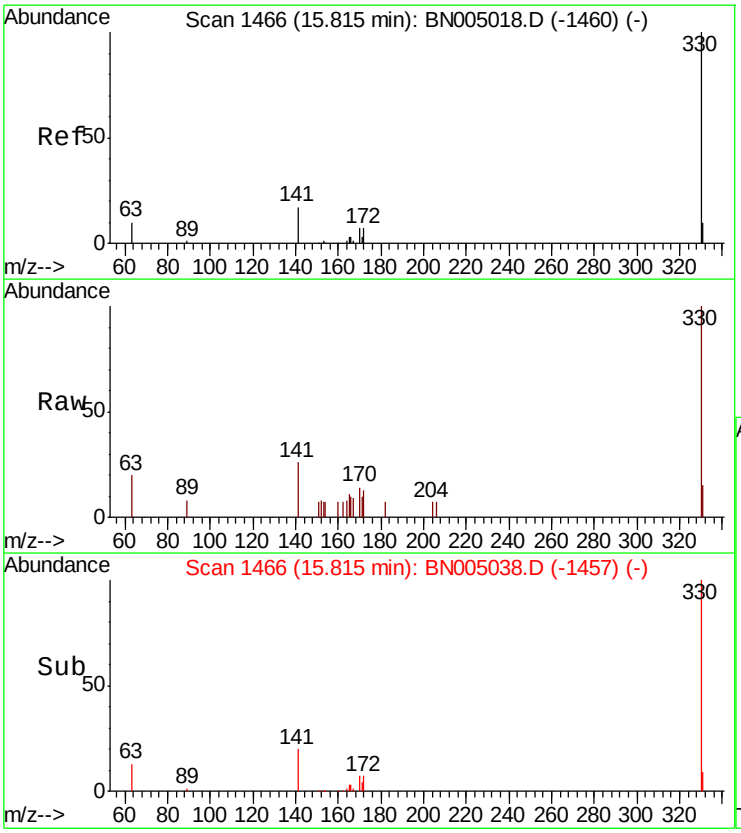
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6638

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.3	127.9
160	48.8	39.2	58.8

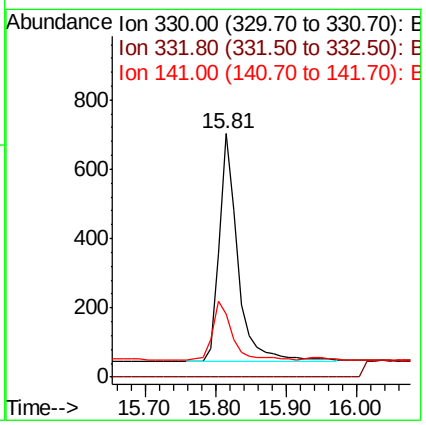


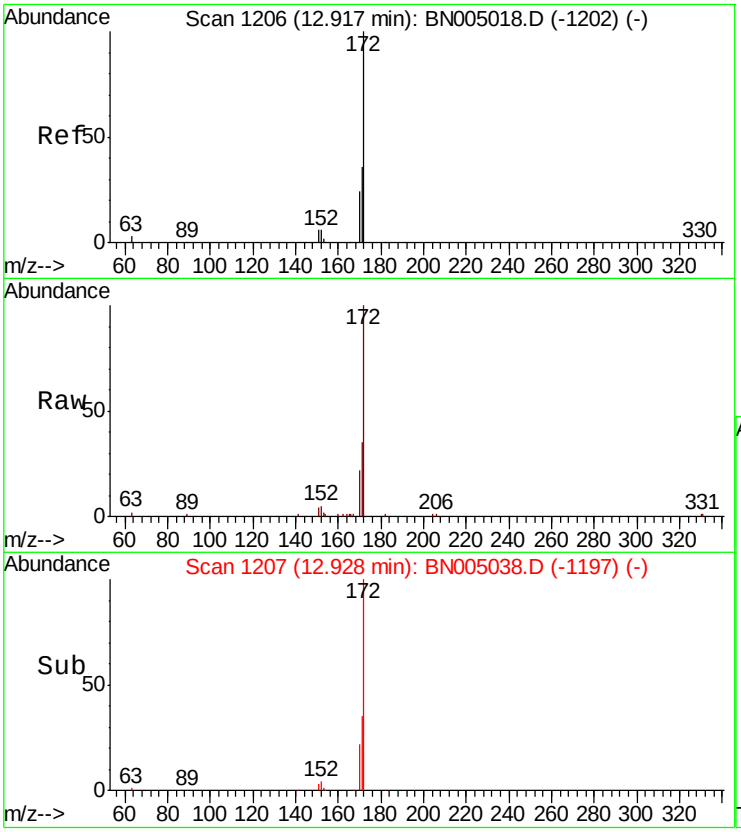


#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.81 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:330 Resp: 1236

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.5	21.3	31.9



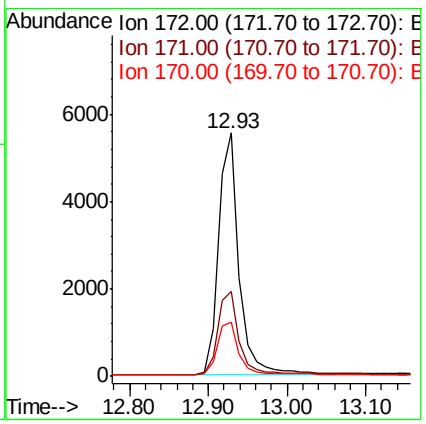


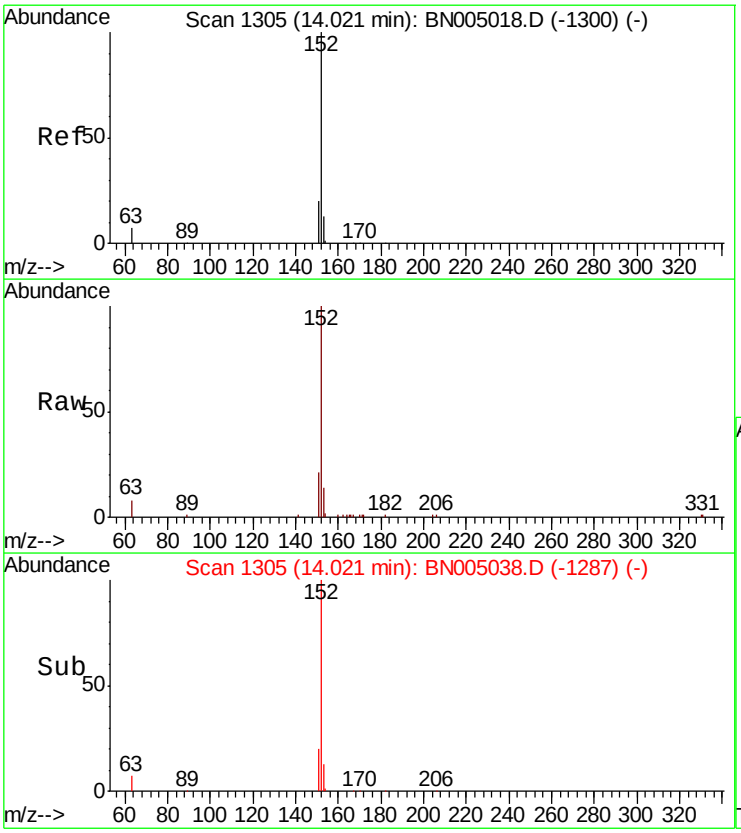
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 10060

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	22.2	20.0	30.0

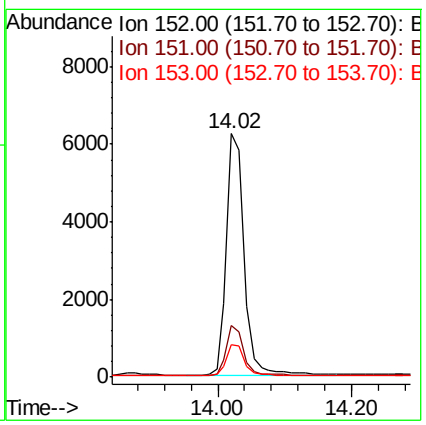


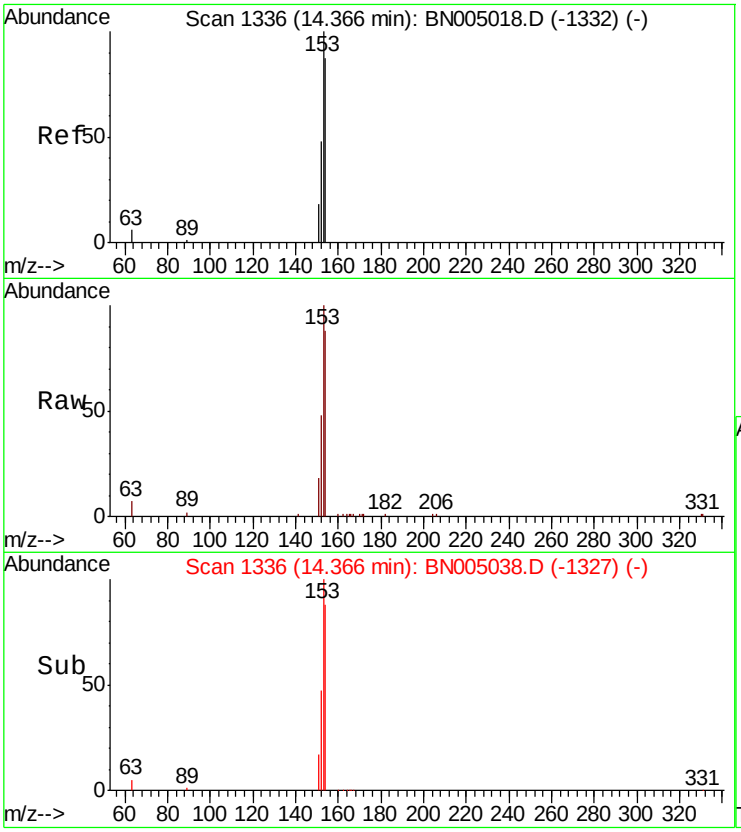


#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:152 Resp: 11354

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.1	10.6	15.8



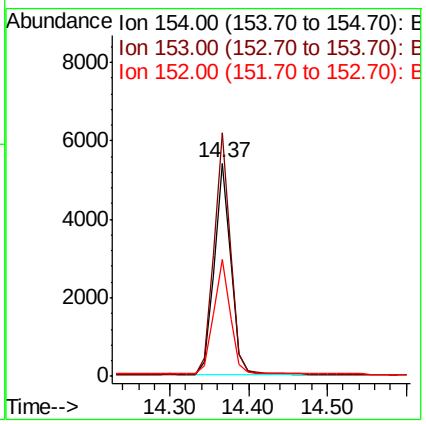


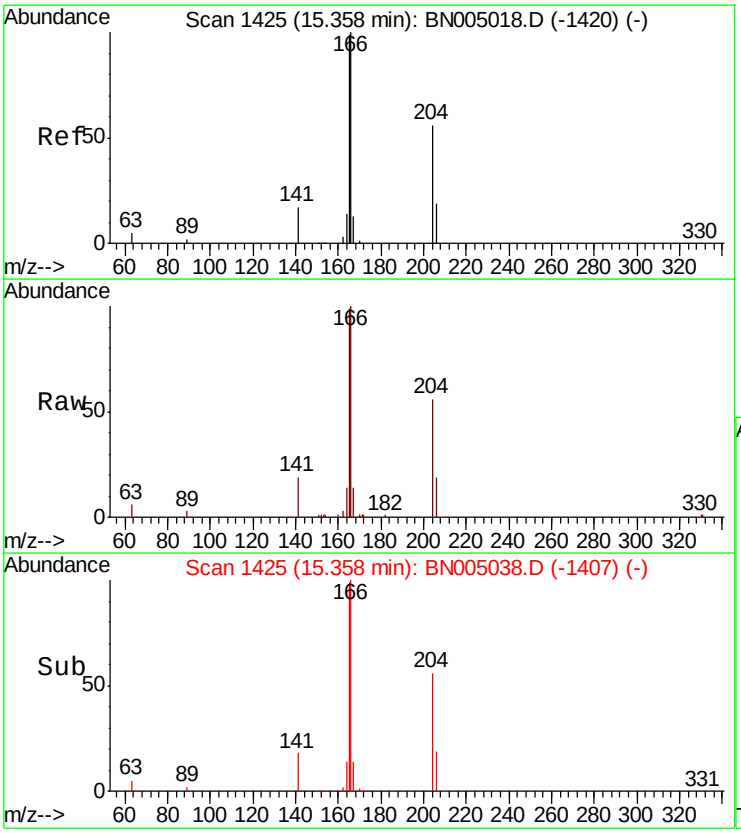
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7828

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.1	138.1
152	54.9	44.2	66.2

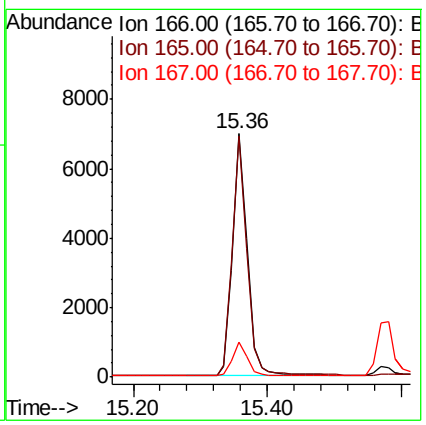


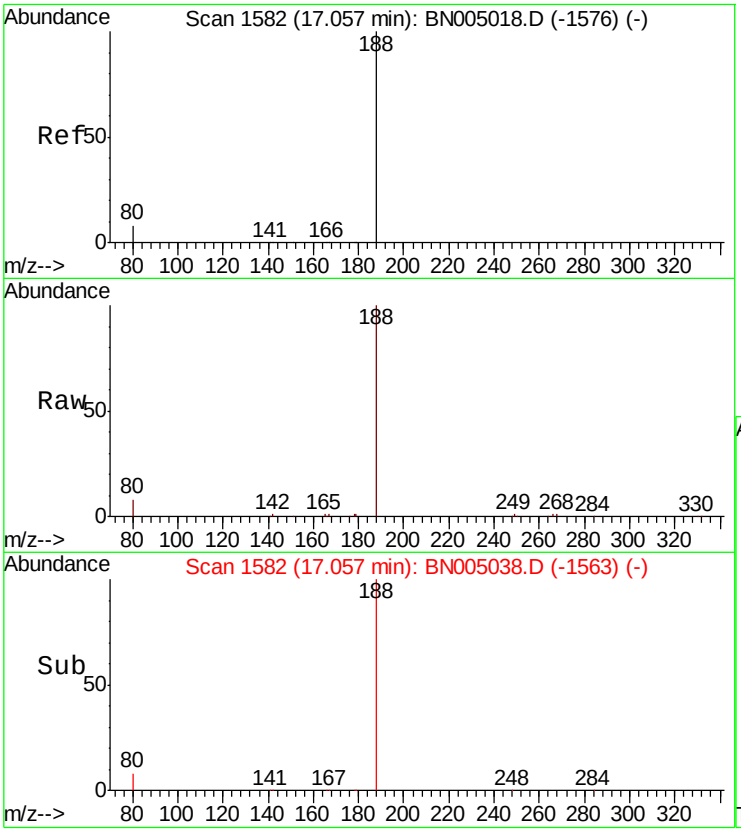


#18
Fluorene
Concen: 0.391 ng
RT: 15.36 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:166 Resp: 10429

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.7	118.1
167	13.7	10.9	16.3



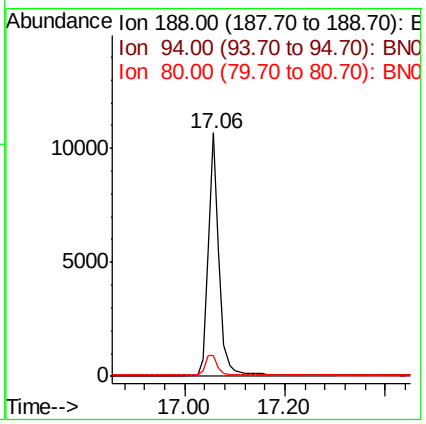


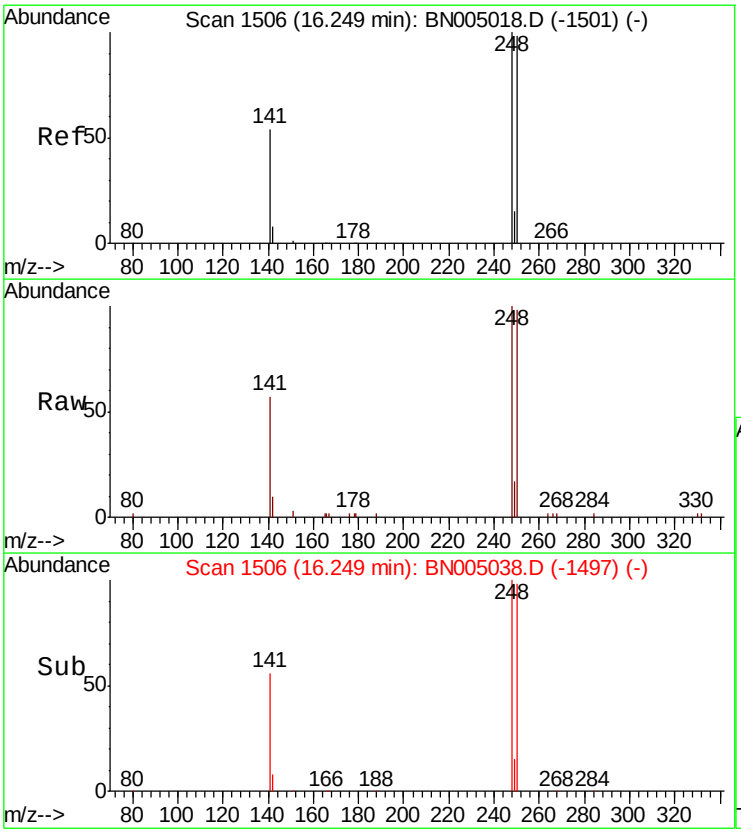
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15942

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

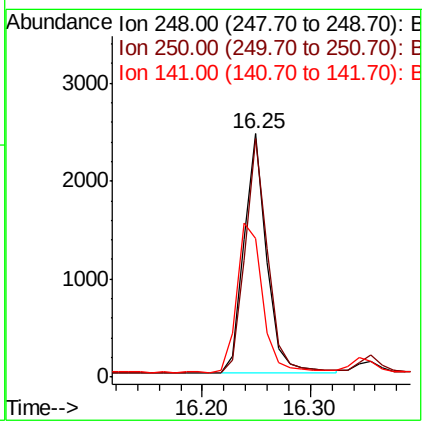


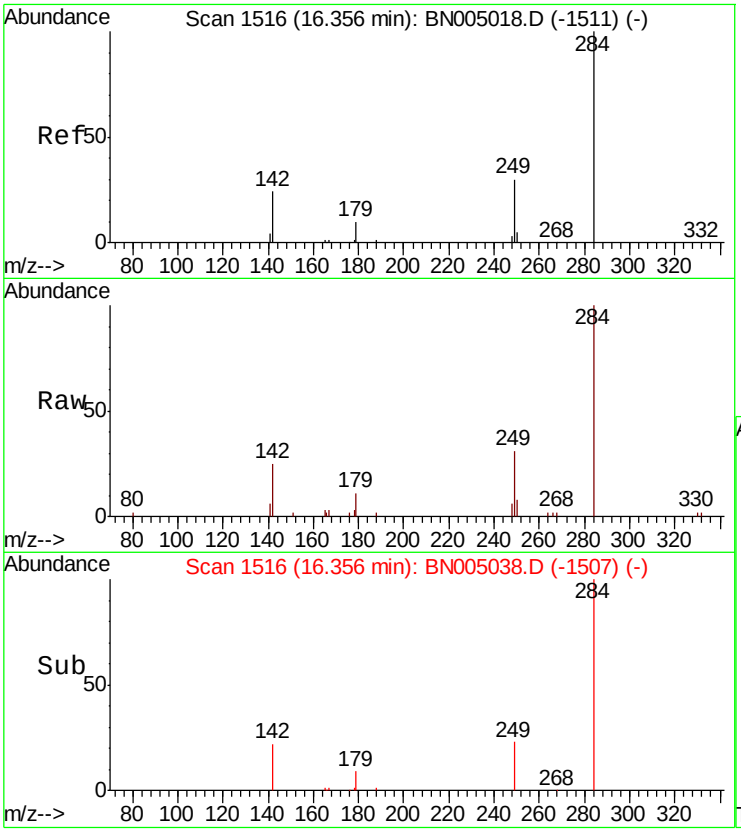


#20
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:248 Resp: 3542

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	117.8
141	57.1	43.6	65.4



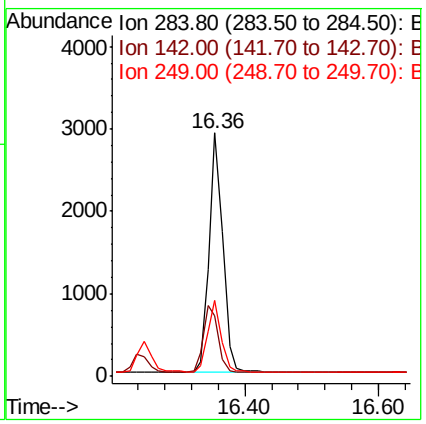


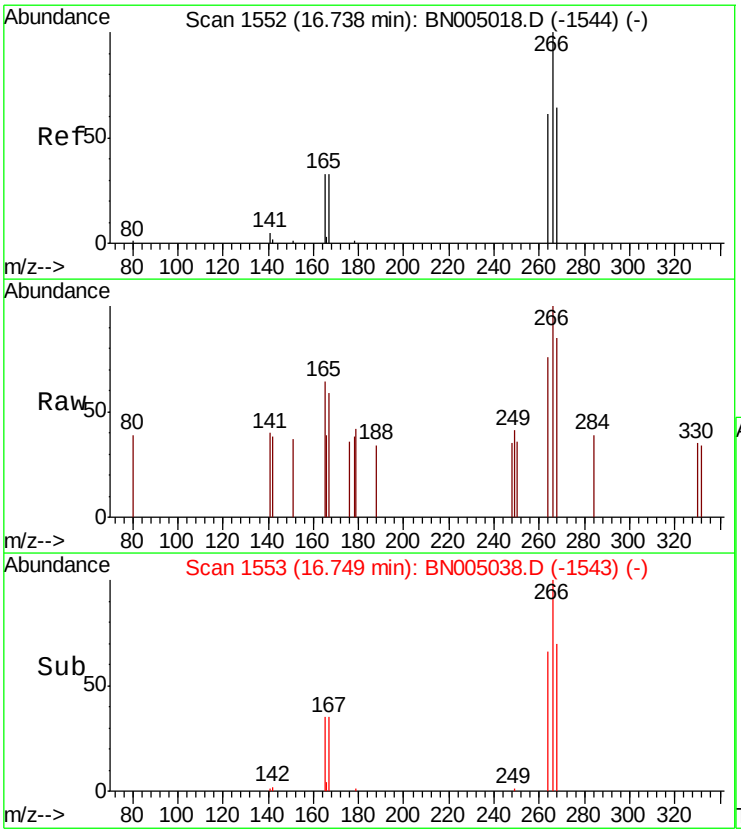
#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4098

Ion	Ratio	Lower	Upper
284	100		
142	30.5	24.9	37.3
249	29.1	23.8	35.6

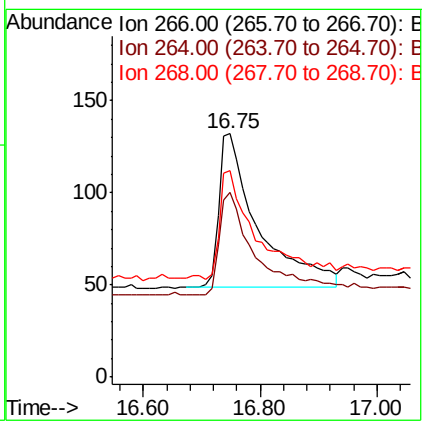


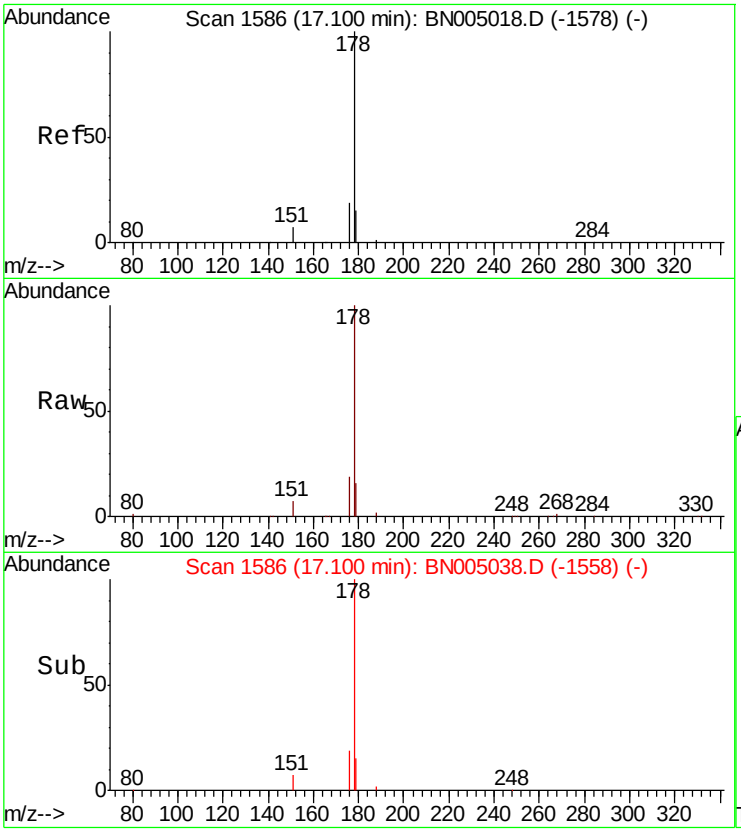


#22
Pentachlorophenol
Concen: 0.276 ng
RT: 16.75 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:266 Resp: 384

Ion	Ratio	Lower	Upper
266	100		
264	75.8	53.4	80.0
268	84.8	58.9	88.3



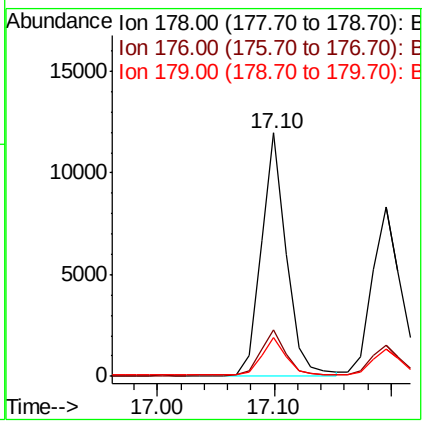


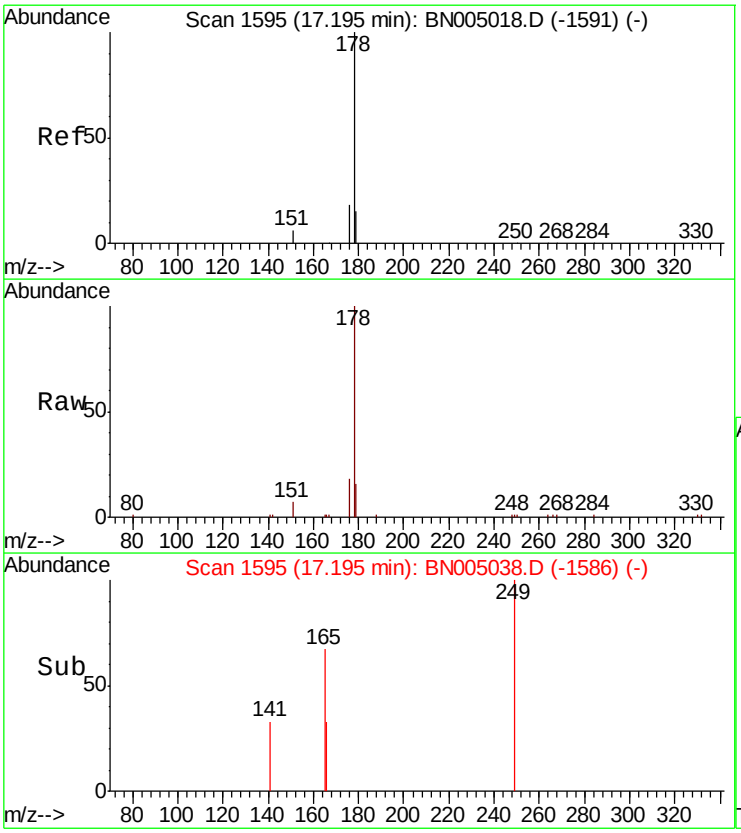
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17593

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

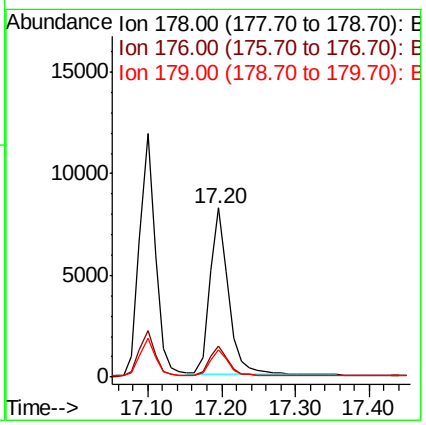


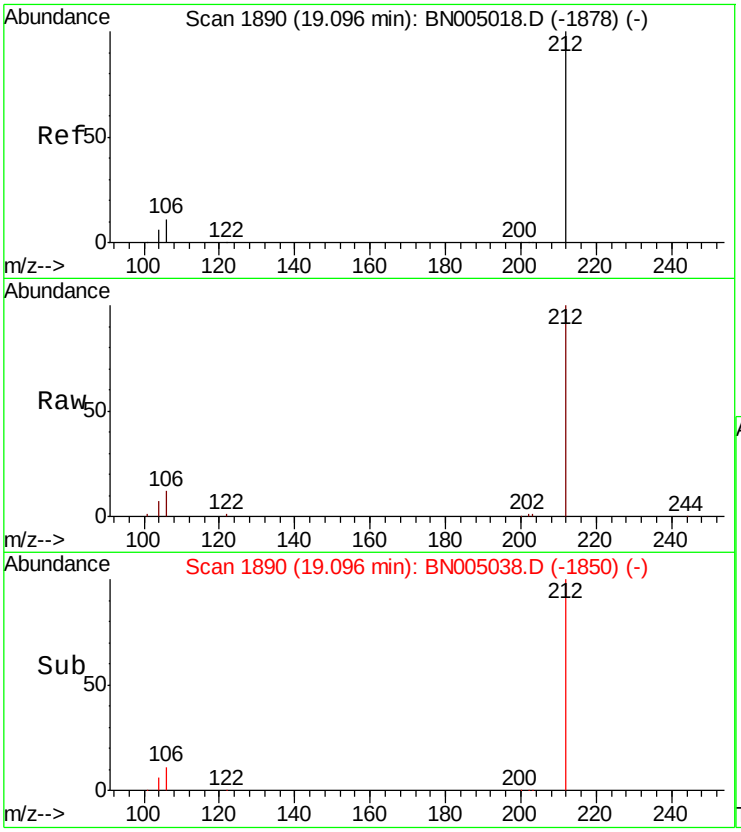


#24
Anthracene
Concen: 0.367 ng
RT: 17.20 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:178 Resp: 14596

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.3	12.3	18.5



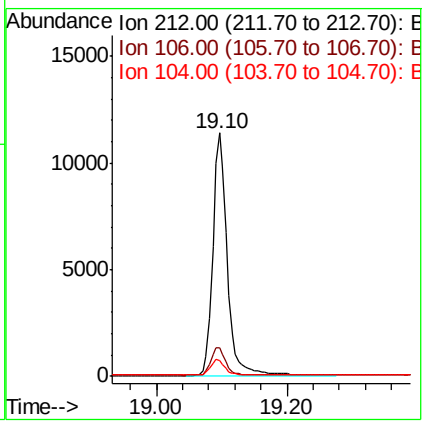


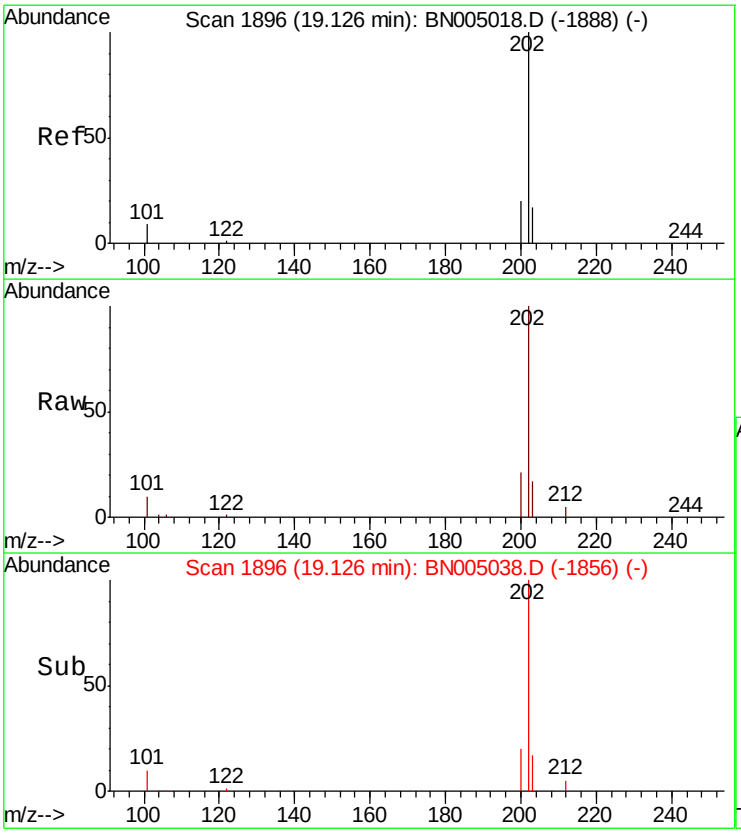
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 17378

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

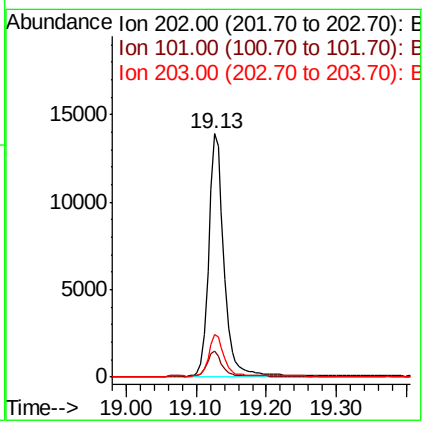


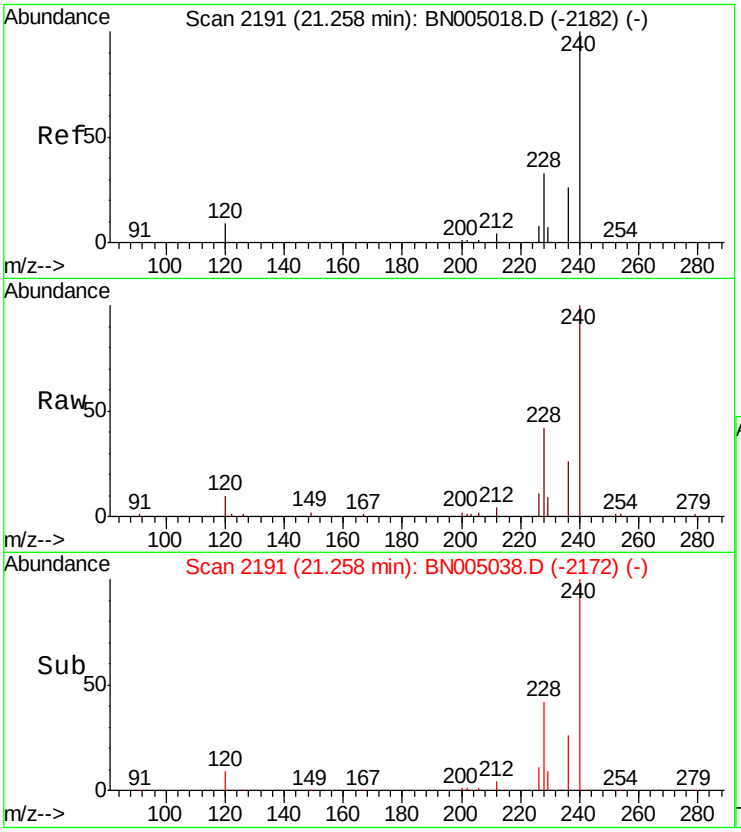


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:202 Resp: 20923

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
203	17.1	13.8	20.8



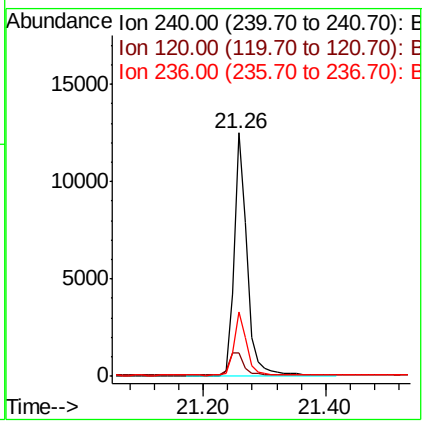


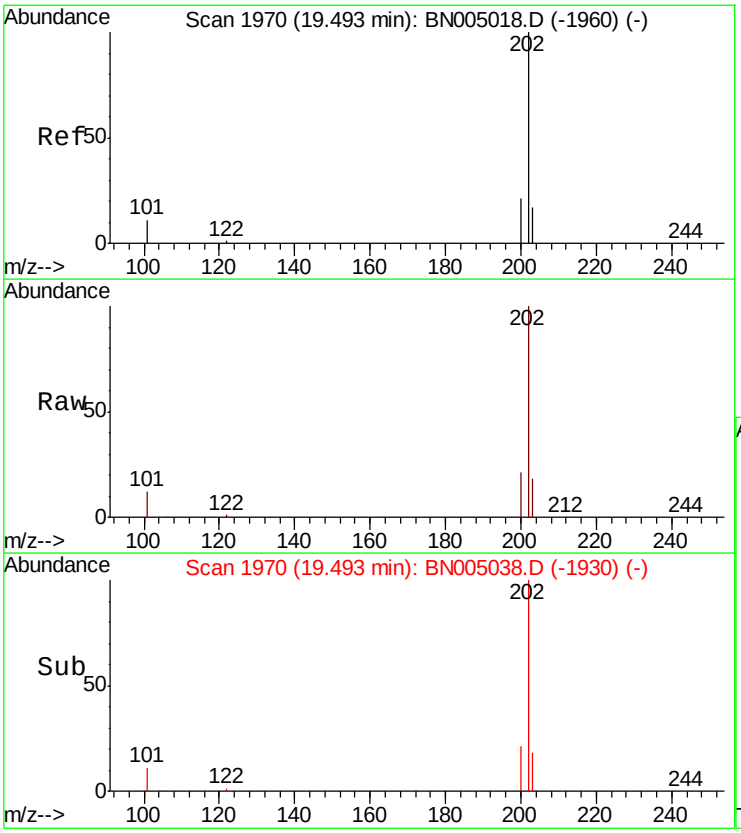
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 18228

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.4	11.0
236	26.3	21.0	31.6

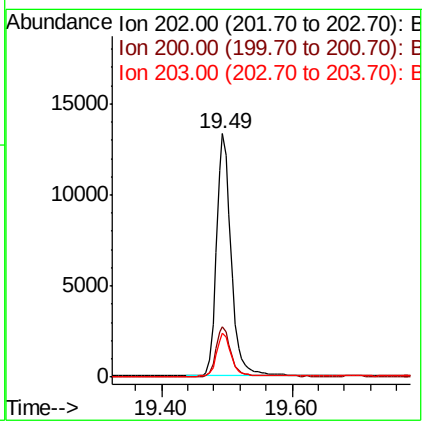


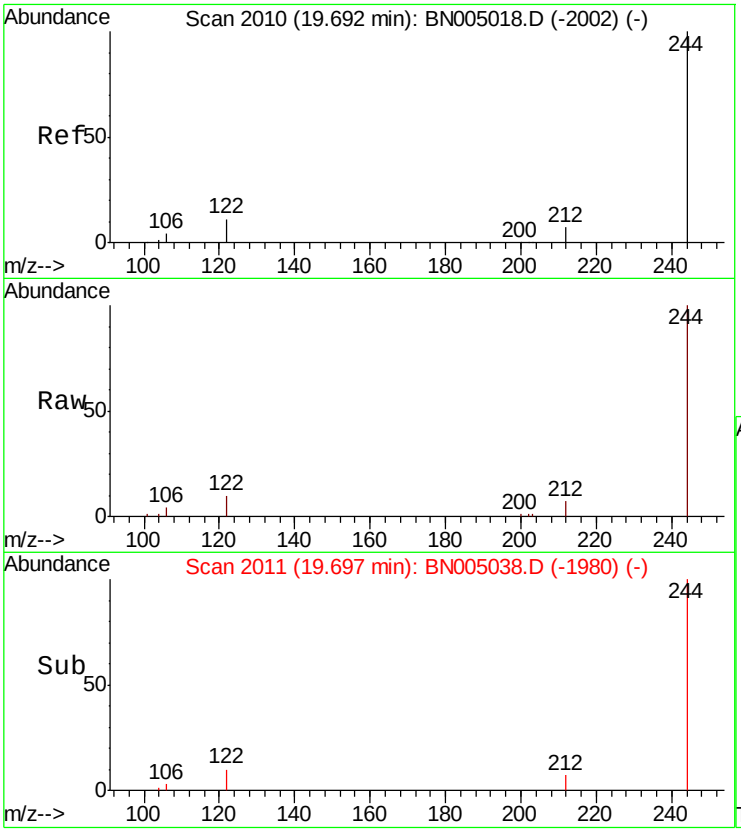


#28
Pyrene
Concen: 0.405 ng
RT: 19.49 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:202 Resp: 20985

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



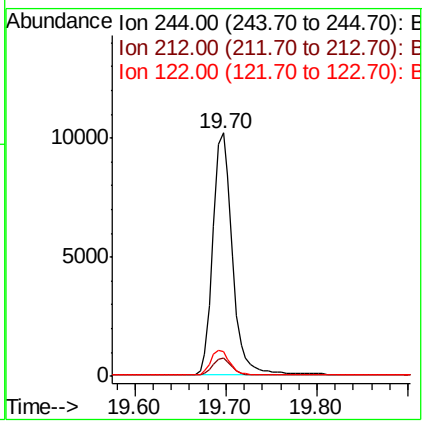


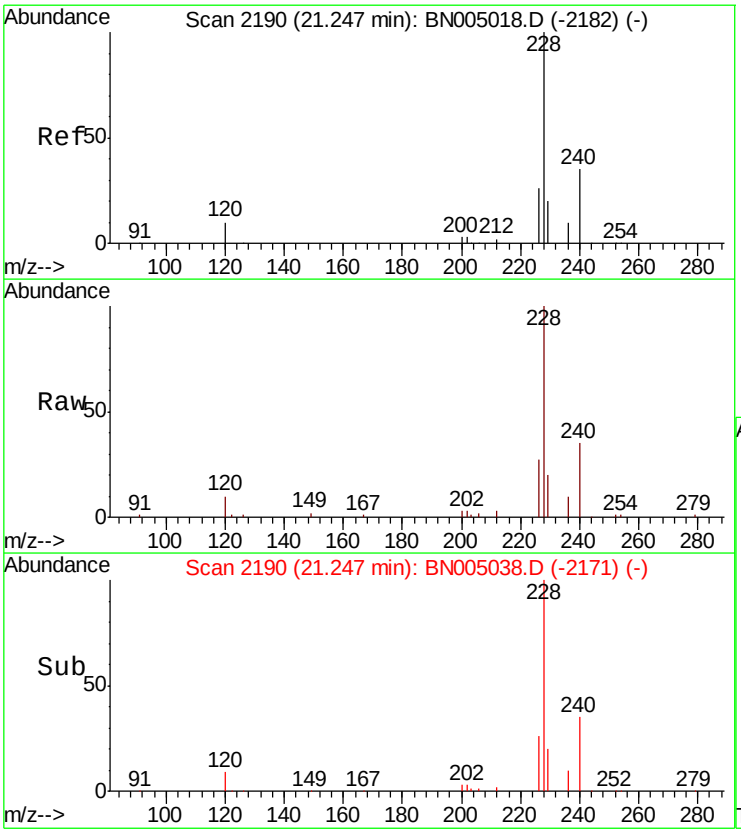
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 15086

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.3	9.0	13.4

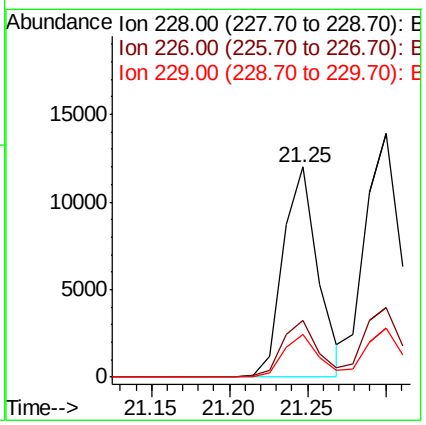


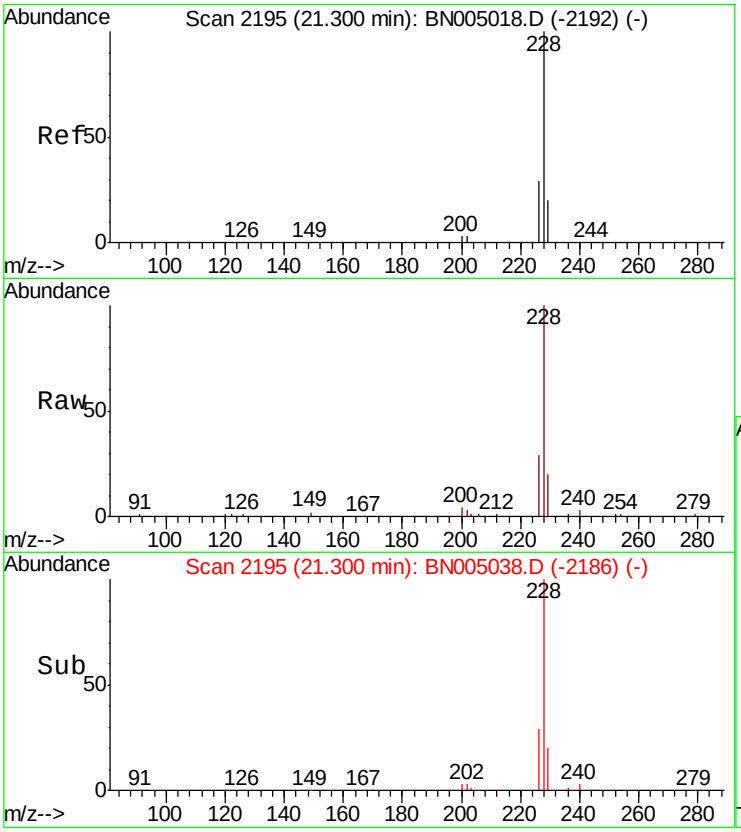


#30
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:228 Resp: 18407

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.9	31.3
229	20.5	16.2	24.2



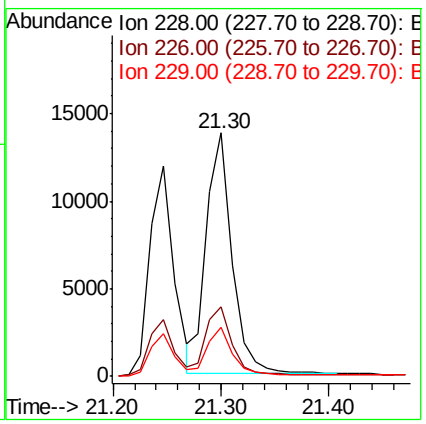


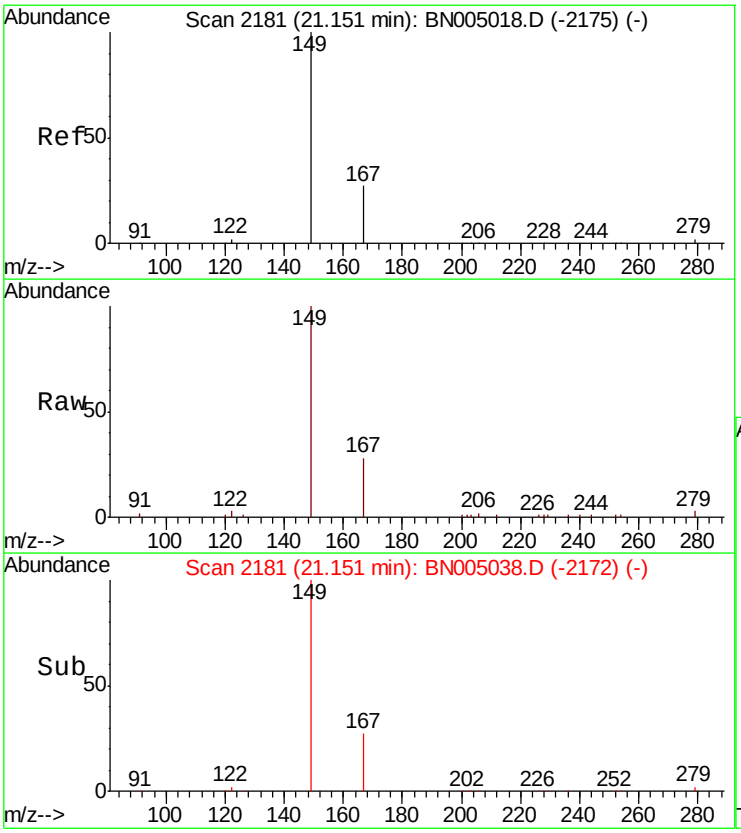
#31
Chrysene
Concen: 0.410 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 22729

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

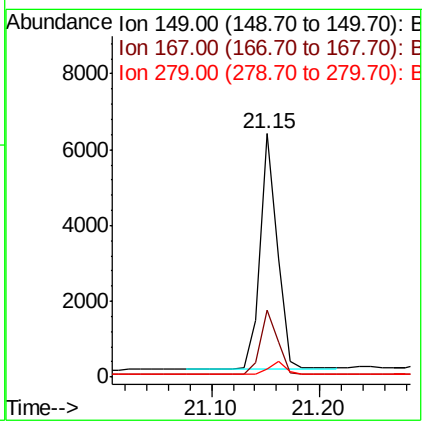


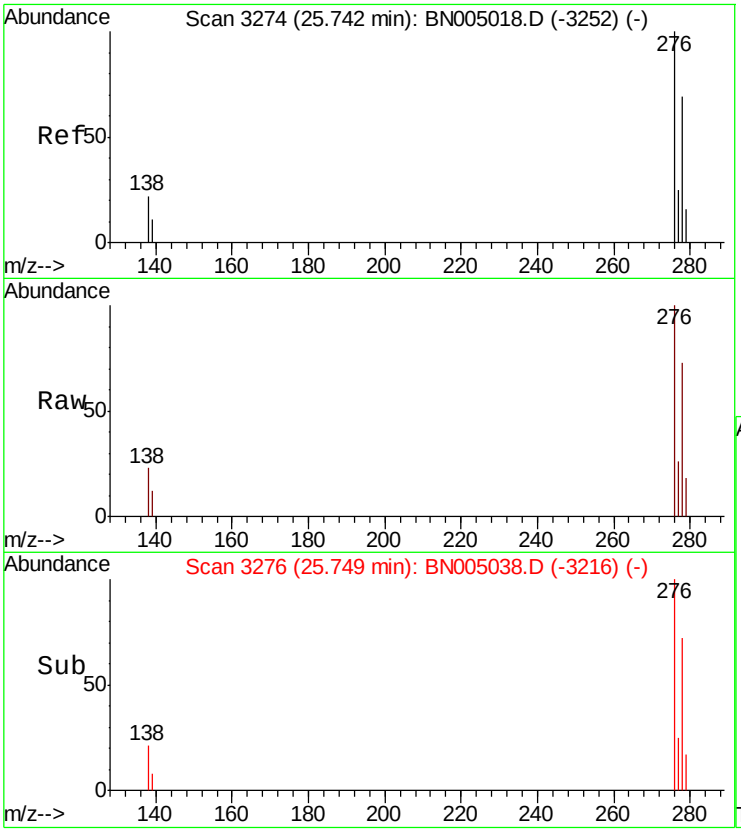


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.320 ng
RT: 21.15 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:149 Resp: 6888

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



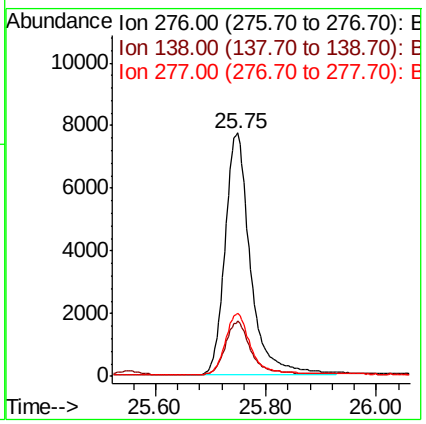


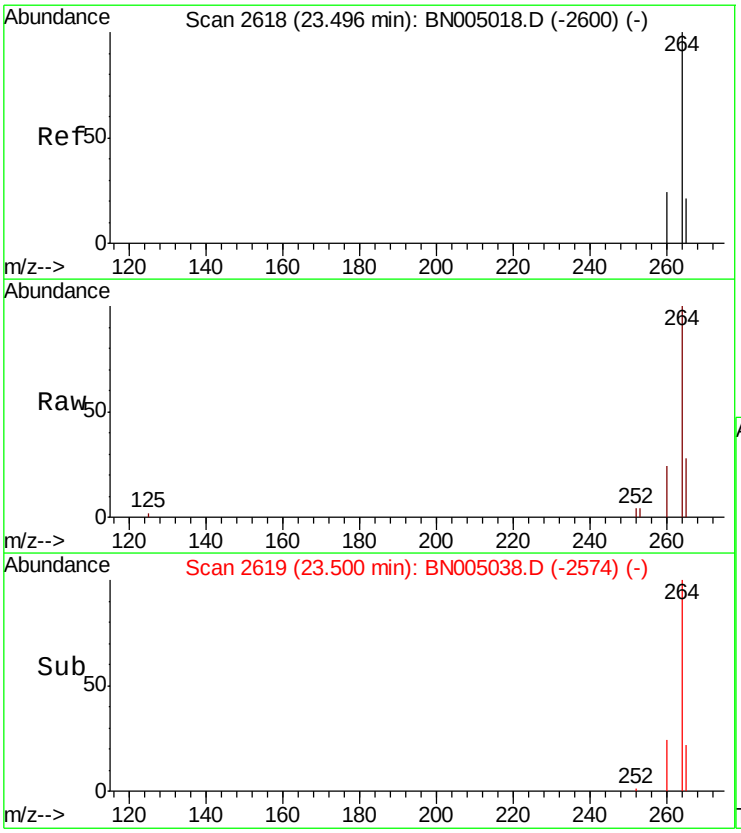
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 25.75 min Scan# 3276
Delta R.T. 0.01 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 24636

Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.2	27.2
277	25.5	20.3	30.5

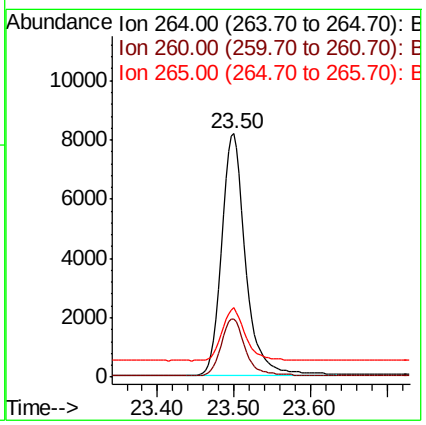


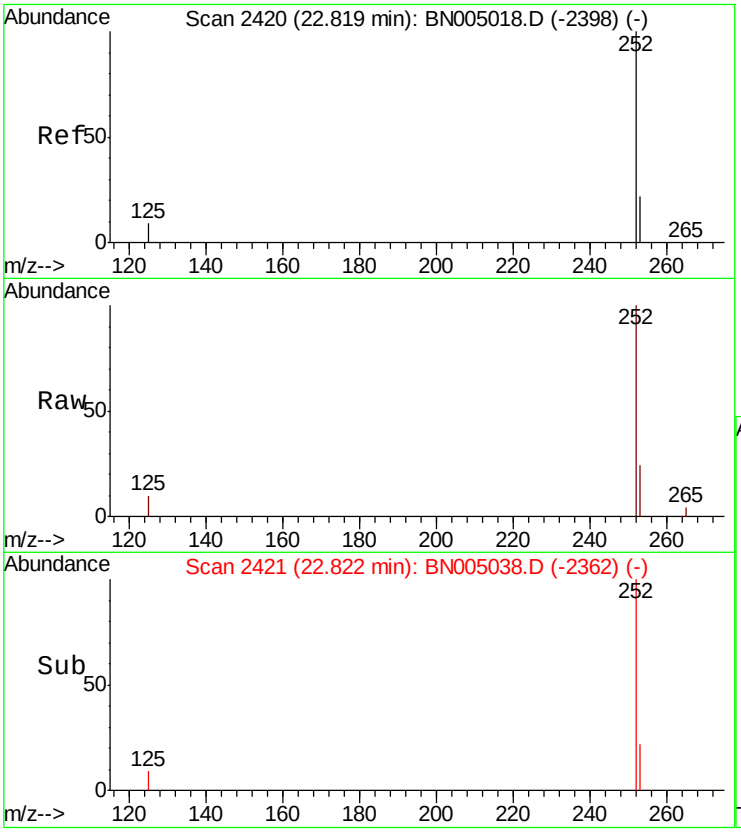


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:264 Resp: 17964

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	28.3	22.5	33.7



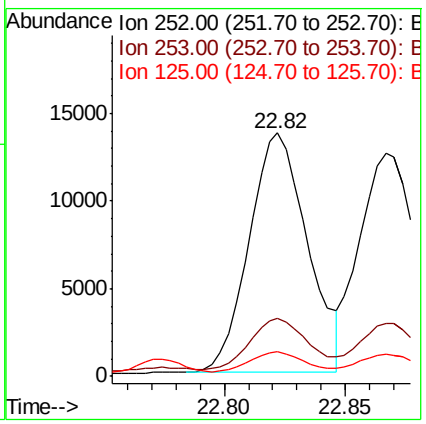


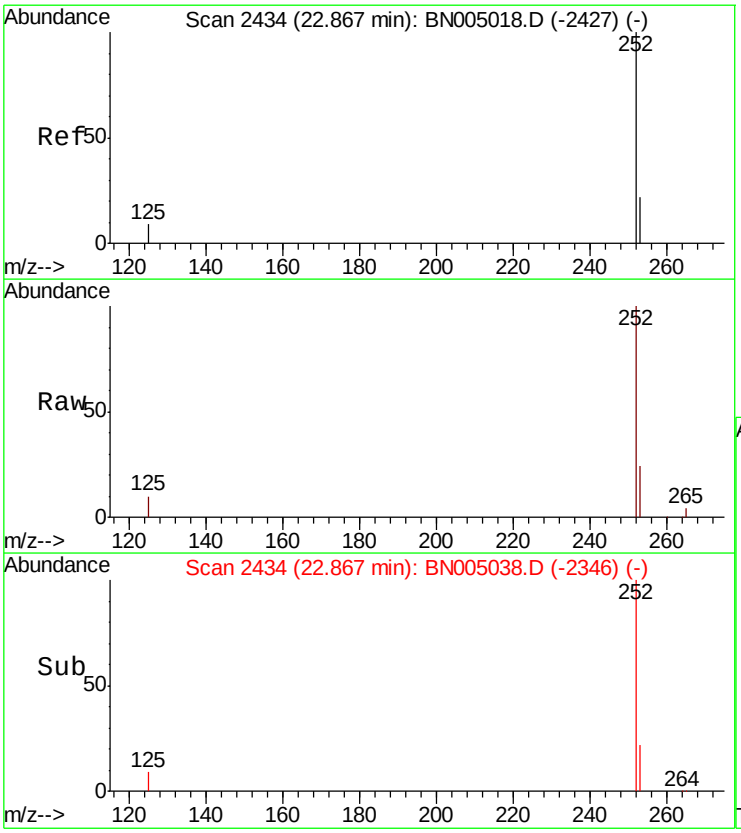
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.82 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23087

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.0	8.2	12.2

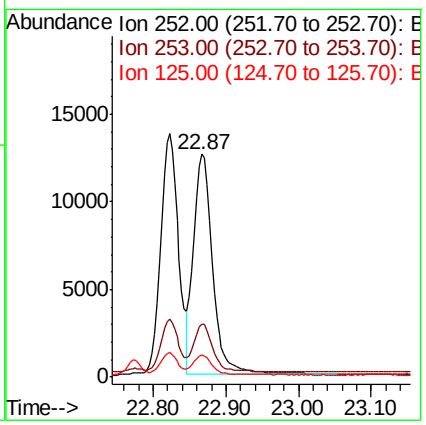


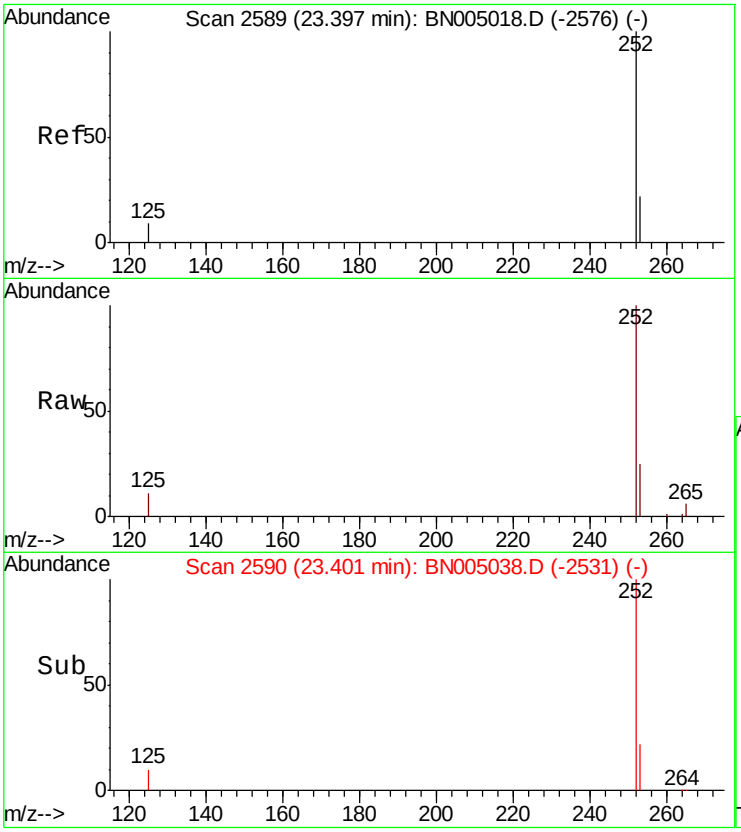


#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:252 Resp: 22567

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.3	28.9
125	9.9	8.2	12.2



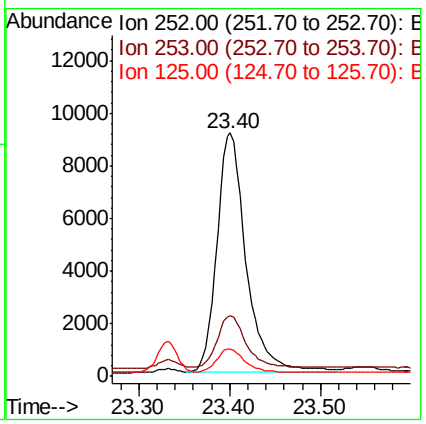


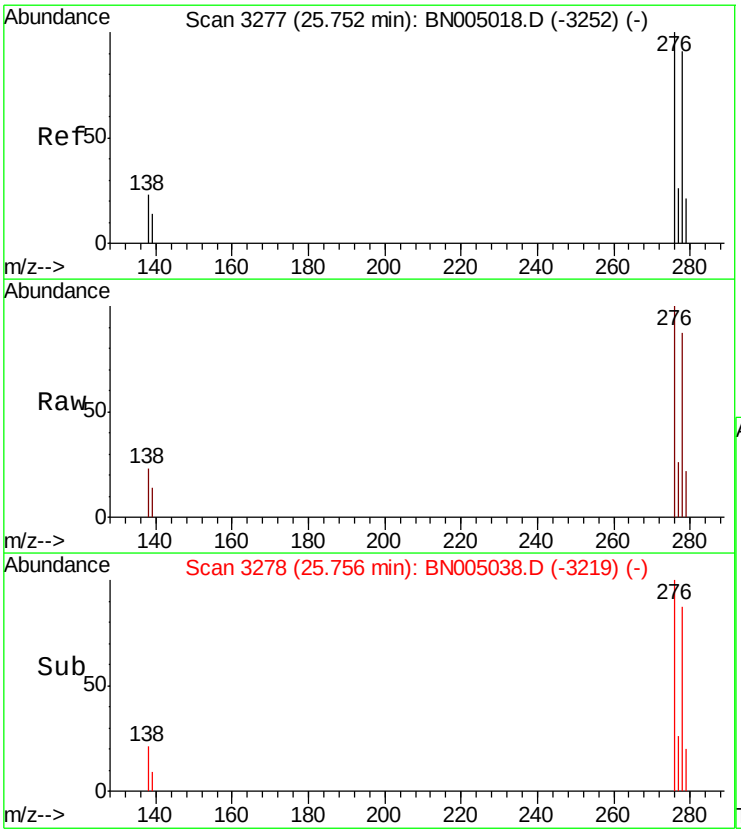
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.40 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20176

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.2	30.2
125	11.2	9.2	13.8

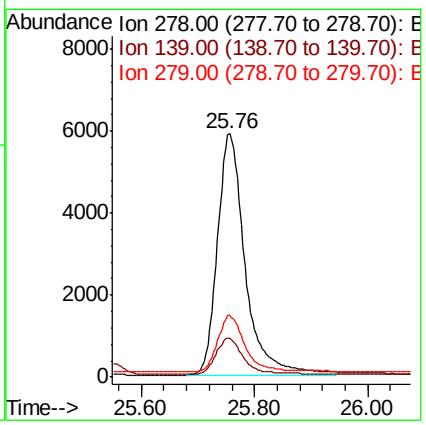


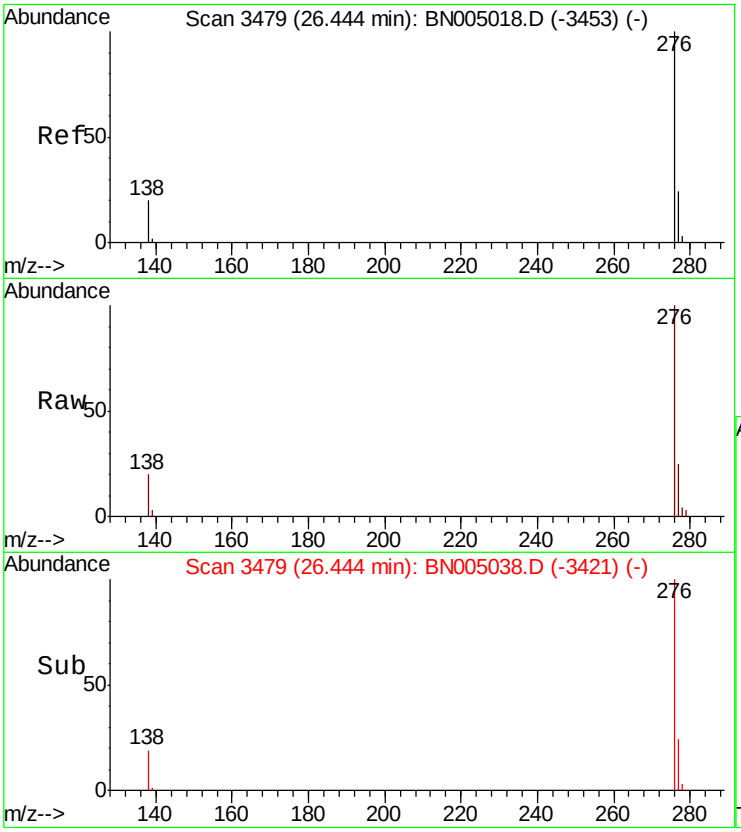


#38
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 25.76 min Scan# 3278
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Tgt Ion:278 Resp: 19961

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	25.5	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 26.44 min Scan# 3479
Delta R.T. 0.00 min
Lab File: BN005038.D
Acq: 29 Mar 2019 17:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20478

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.6
138	19.8	16.4	24.6