Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007615.D
Acq On : 13 Sep 2019 08:04
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 14 01:59:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9004	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	34718	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	19501	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	39766	0.40	ng		0.00
27) Chrysene-d12	21.27	240	39639	0.40	ng		-0.01
34) Perylene-d12	23.50	264	40243	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	10137	0.35	ng		0.00
5) Phenol-d6	6.89	99	12855	0.37	ng		0.00
8) Nitrobenzene-d5	8.86	82	11114	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	24490	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	2247	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	33942	0.40	ng		0.00
25) Fluoranthene-d10	19.11	212	51947	0.41	ng		0.00
29) Terphenyl-d14	19.72	244	43787	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	4215	0.391	ng		98
6) bis(2-Chloroethyl)ether	7.16	93	9762	0.369	ng		96
9) Naphthalene	10.53	128	42207	0.424	ng		100
10) Hexachlorobutadiene	10.84	225	8481	0.423	ng	#	100
12) 2-Methylnaphthalene	12.15	142	28073	0.420	ng		99
16) Acenaphthylene	14.06	152	37471	0.369	ng		100
17) Acenaphthene	14.40	154	25435	0.385	ng		99
18) Fluorene	15.38	166	32203	0.386	ng		99
20) 4-Bromophenyl-phenylether	16.28	248	10419	0.424	ng	#	89
21) Hexachlorobenzene	16.39	284	11230	0.427	ng		98
22) Pentachlorophenol	16.73	266	2304	0.338	ng		96
23) Phenanthrene	17.12	178	53896	0.430	ng		100
24) Anthracene	17.21	178	44893	0.404	ng		100
26) Fluoranthene	19.14	202	61405	0.419	ng		99
28) Pyrene	19.51	202	60607	0.421	ng		100
30) Benzo(a)anthracene	21.26	228	54231	0.386	ng		99
31) Chrysene	21.31	228	63049	0.431	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	15742	0.330	ng		100
33) Indeno(1,2,3-cd)pyrene	25.72	276	67581	0.433	ng		100
35) Benzo(b)fluoranthene	22.83	252	57457	0.393	ng		99
36) Benzo(k)fluoranthene	22.88	252	62204	0.416	ng		98
37) Benzo(a)pyrene	23.40	252	49656	0.383	ng		99
38) Dibenzo(a,h)anthracene	25.73	278	55546	0.409	ng		99
39) Benzo(g,h,i)perylene	26.39	276	54108	0.403	ng		99

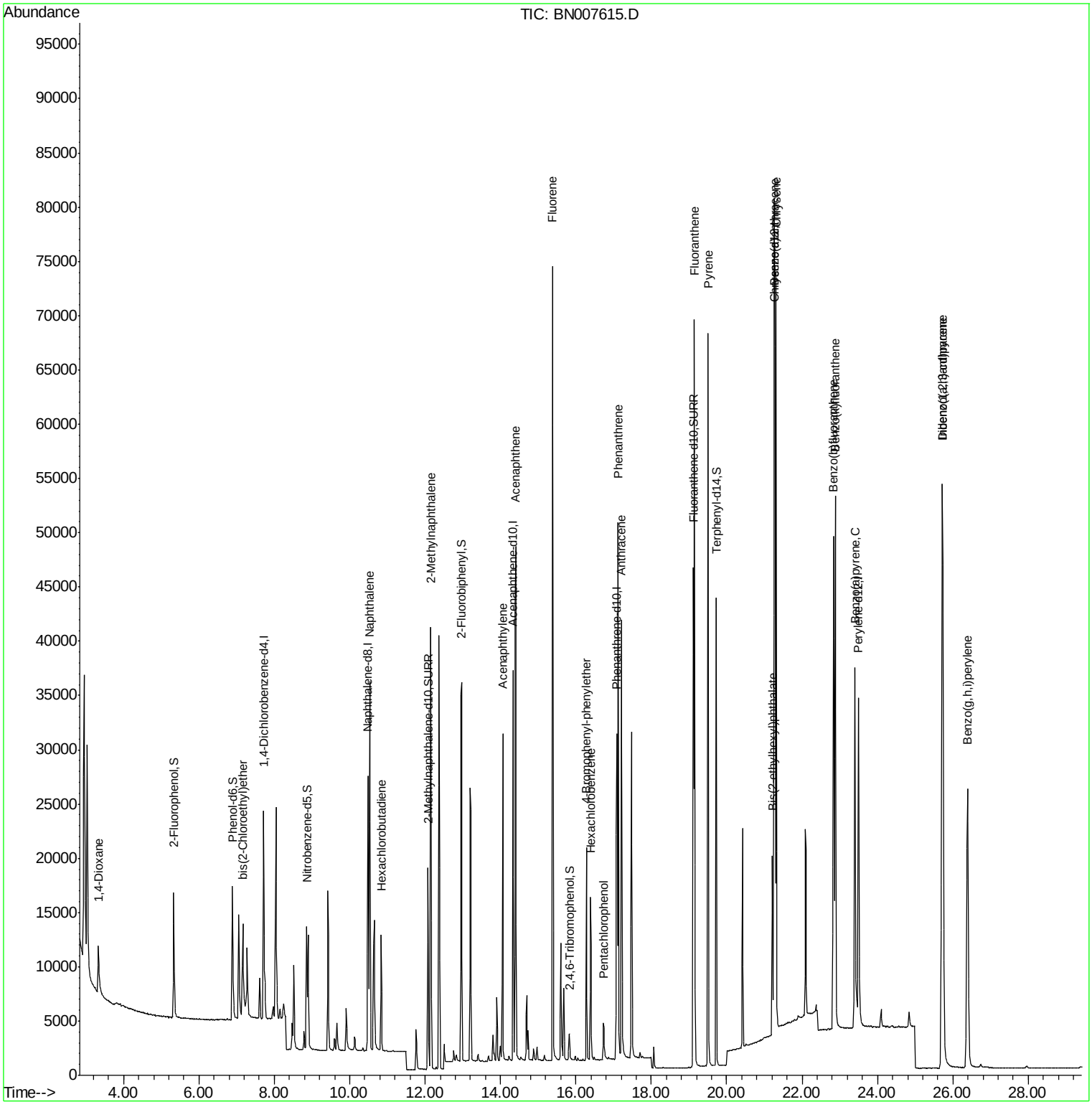
(#) = qualifier out of range (m) = manual integration (+) = signals summed

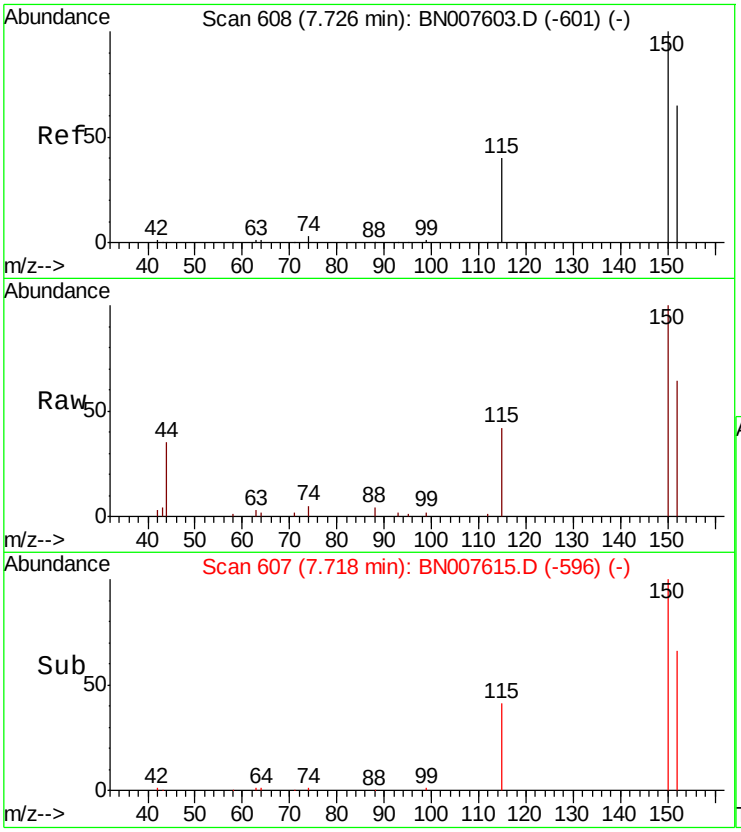
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
Data File : BN007615.D
Acq On : 13 Sep 2019 08:04
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 14 01:59:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



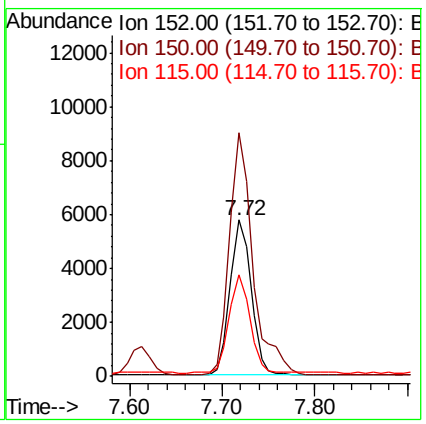


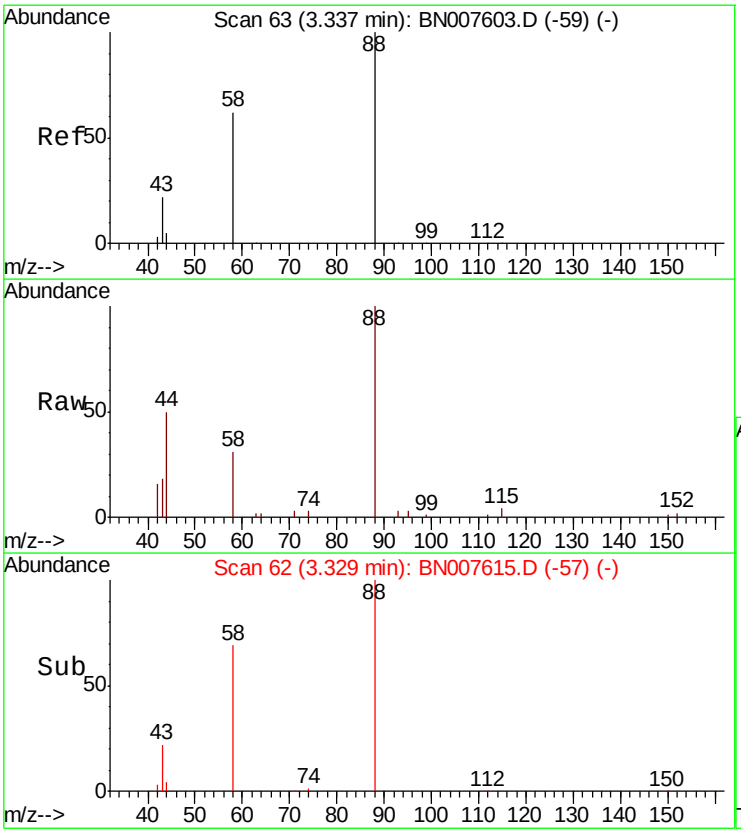
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9004

Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.4	183.6
115	65.0	50.4	75.6

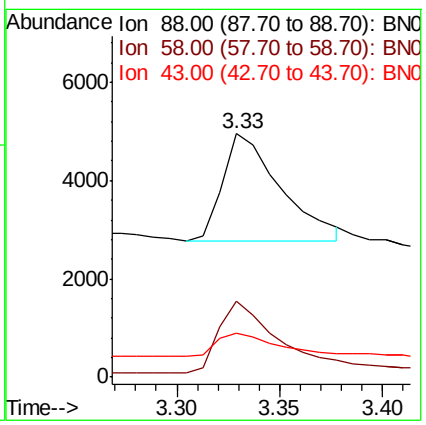


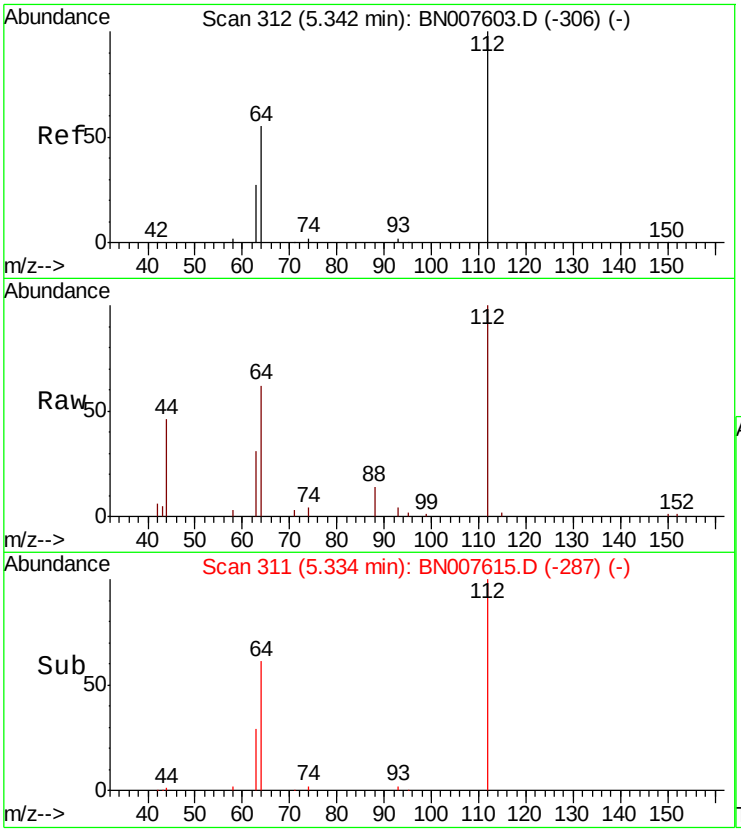


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion: 88 Resp: 4215

Ion	Ratio	Lower	Upper
88	100		
58	69.5	57.0	85.4
43	23.2	20.0	30.0



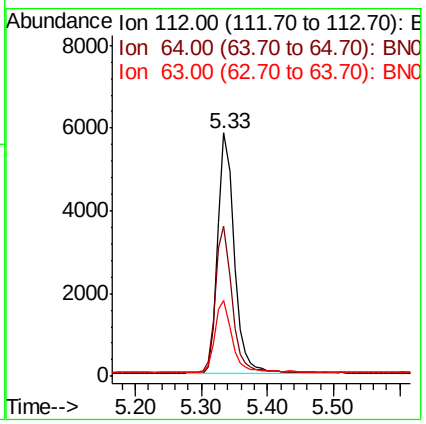


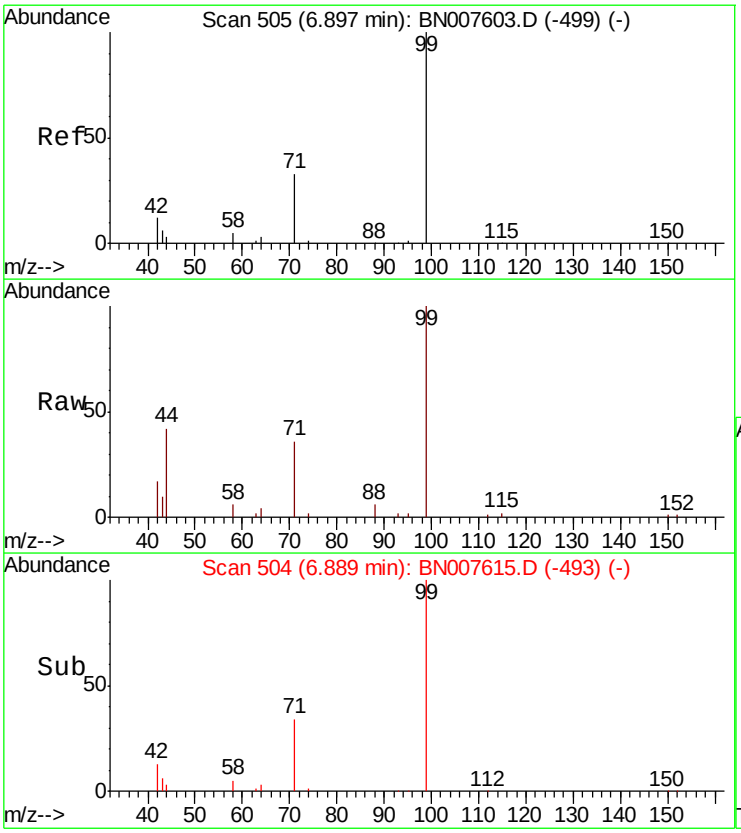
#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:112 Resp: 10137

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.5	72.7
63	29.7	24.4	36.6

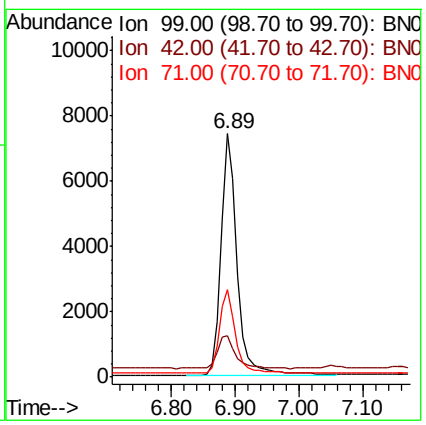


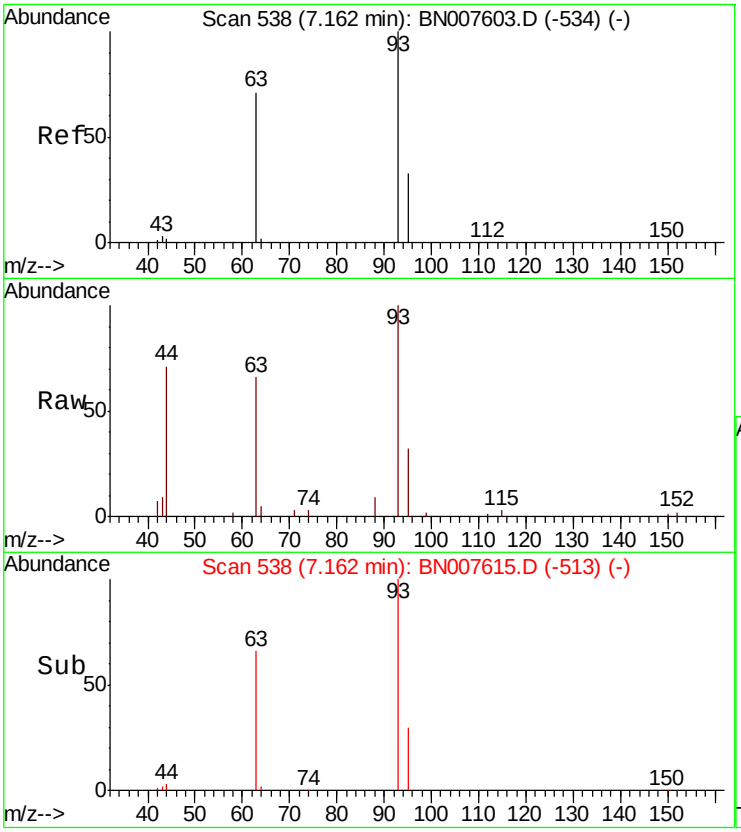


#5
Phenol-d6
Concen: 0.366 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion: 99 Resp: 12855

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.8	17.6
71	34.8	28.0	42.0



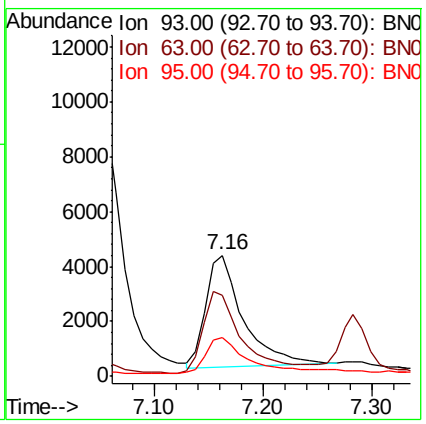


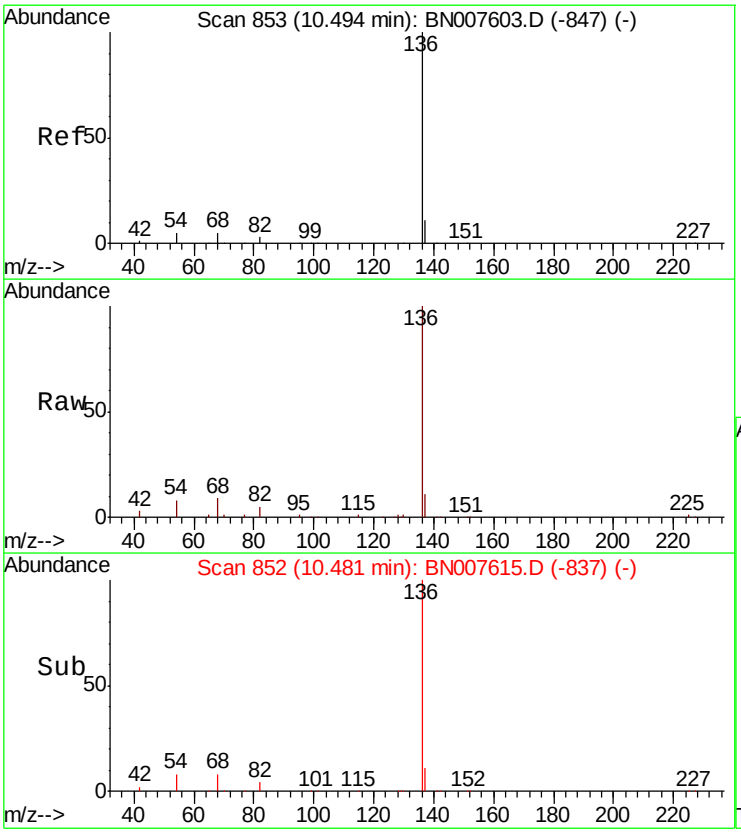
#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 93 Resp: 9762

Ion	Ratio	Lower	Upper
93	100		
63	78.2	61.2	91.8
95	38.6	27.2	40.8

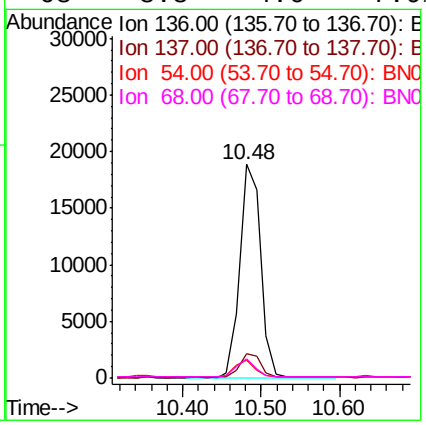


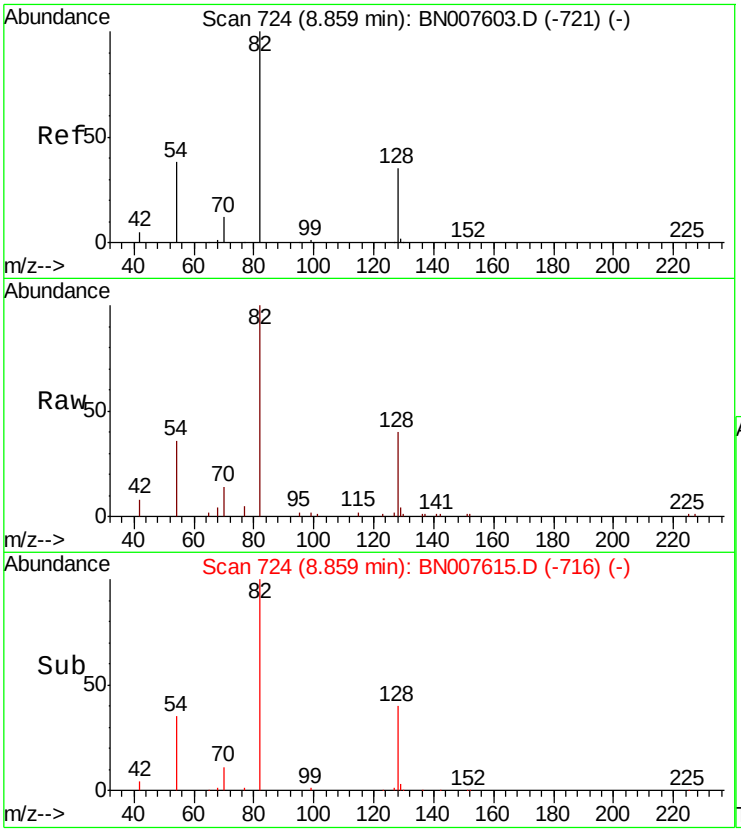


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:136 Resp: 34718

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	4.2	6.4#
68	8.8	4.6	7.0#



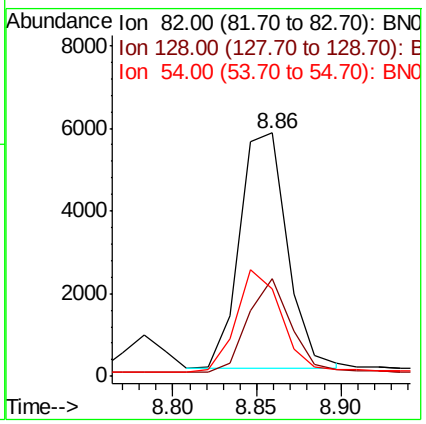


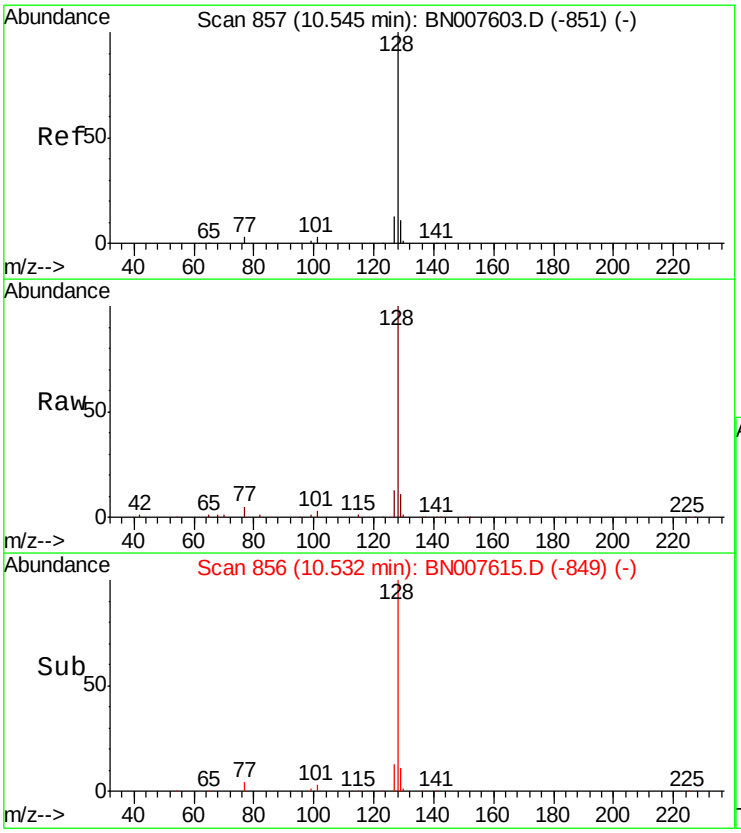
#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 82 Resp: 11114

Ion	Ratio	Lower	Upper
82	100		
128	40.2	27.9	41.9
54	35.8	30.9	46.3

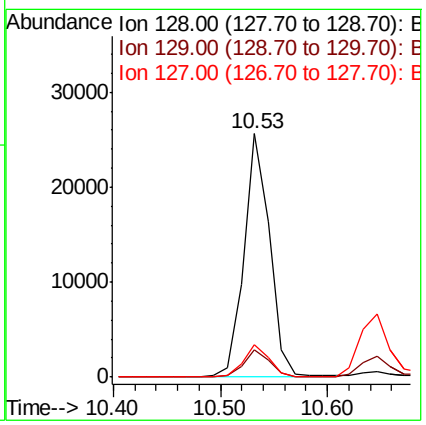


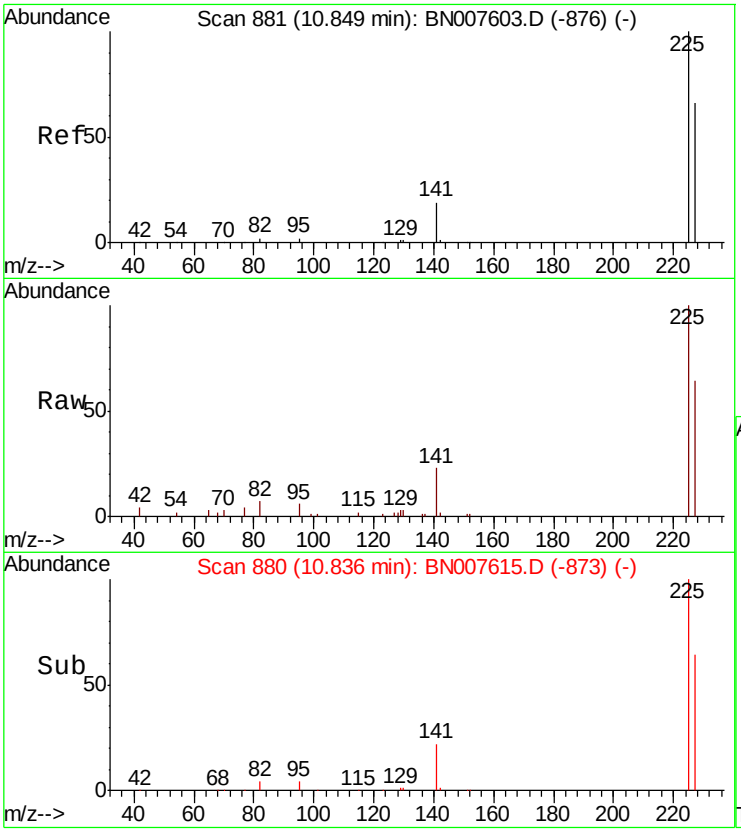


#9
Naphthalene
Concen: 0.424 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:128 Resp: 42207

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.4	15.6



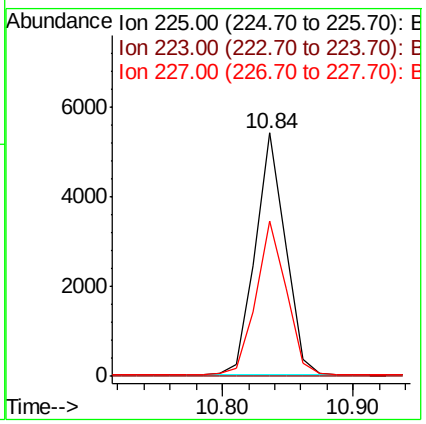


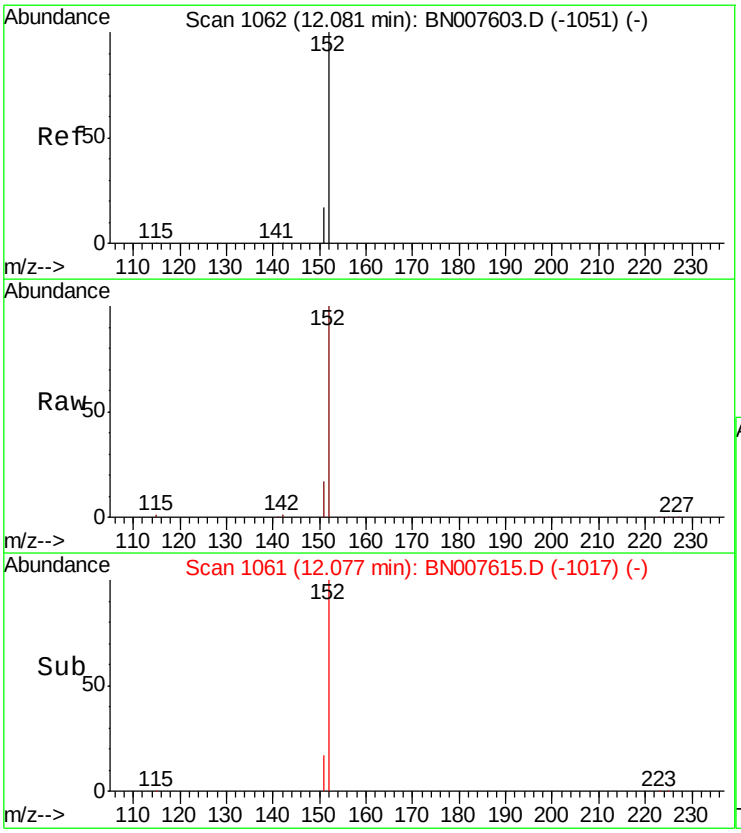
#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:225 Resp: 8481

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.3	76.9

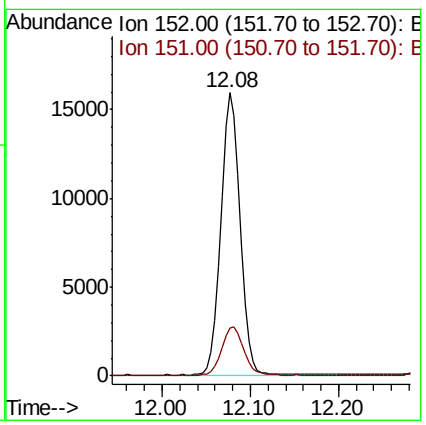


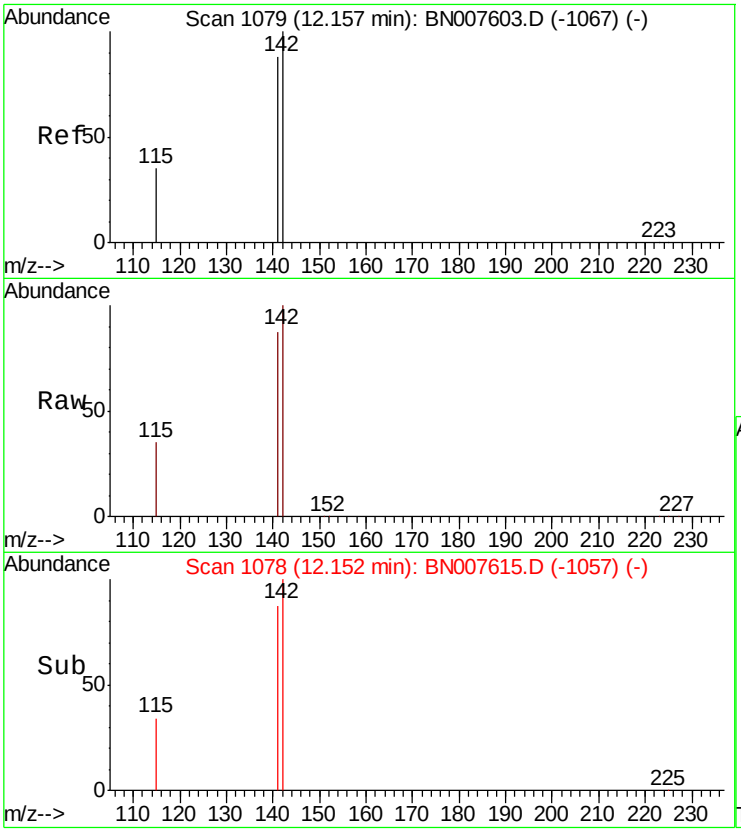


#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 12.08 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:152 Resp: 24490

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9



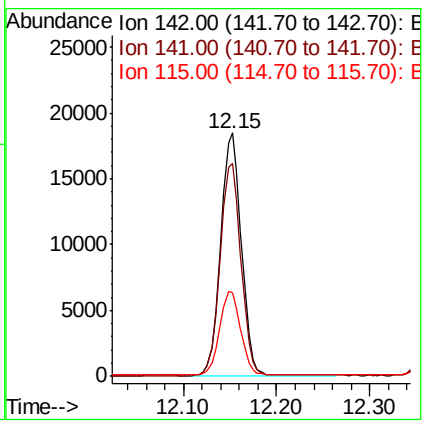


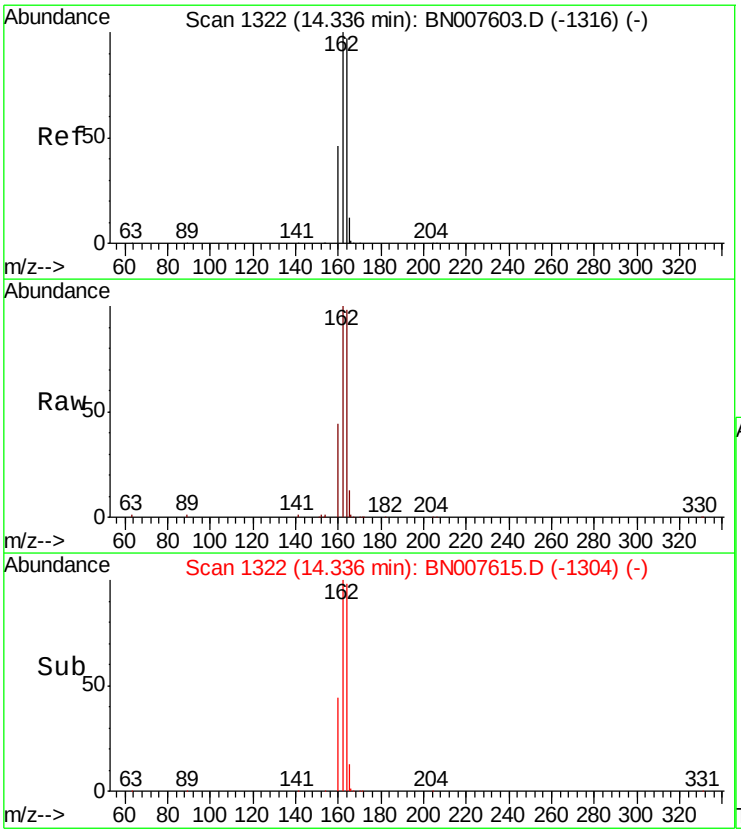
#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 28073

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.5	105.7
115	34.5	28.4	42.6

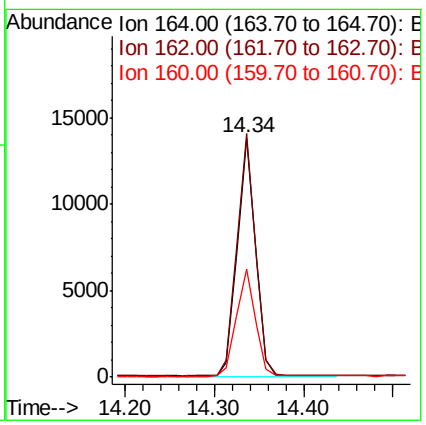


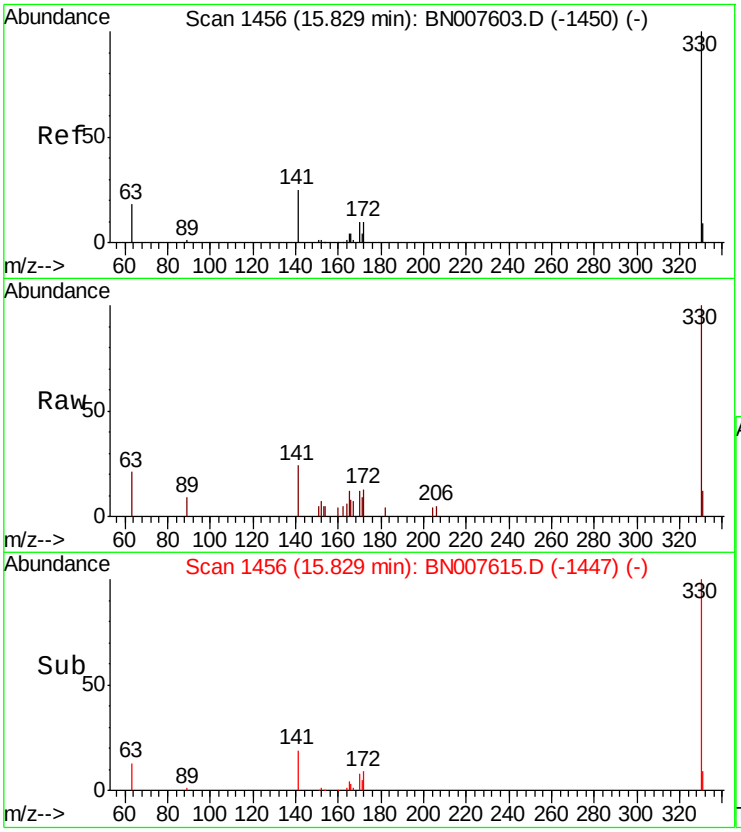


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:164 Resp: 19501

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	45.4	38.0	57.0



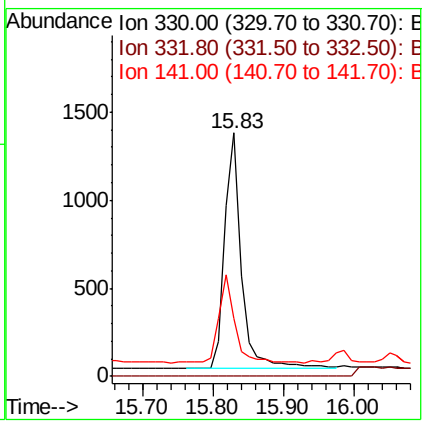


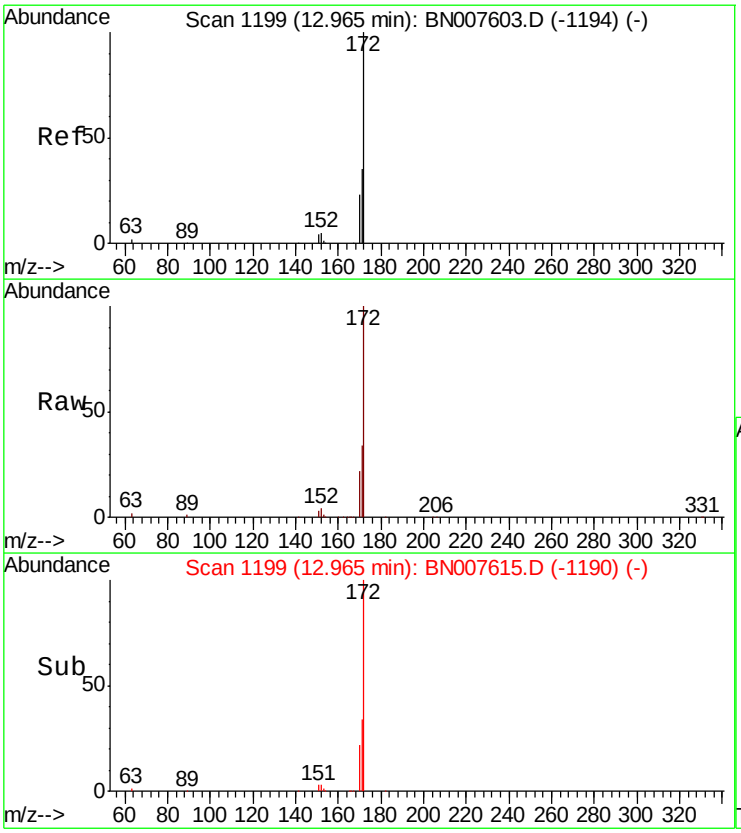
#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 2247

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	30.1	45.1

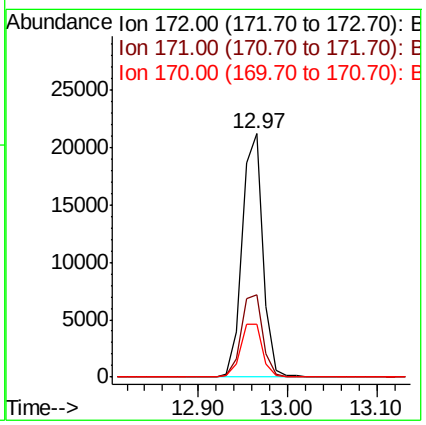


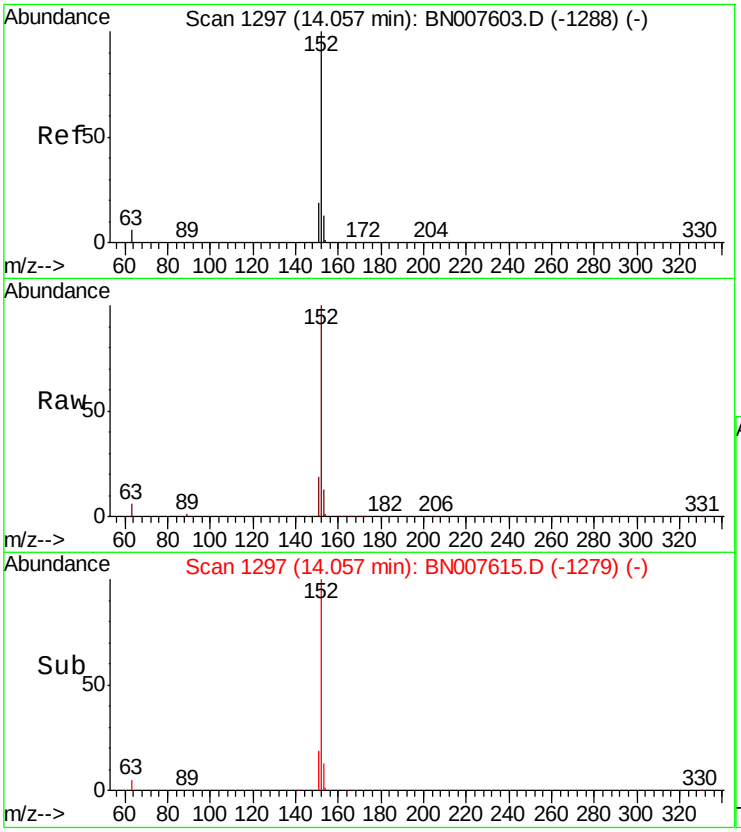


#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:172 Resp: 33942

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.9	41.9
170	21.9	18.5	27.7



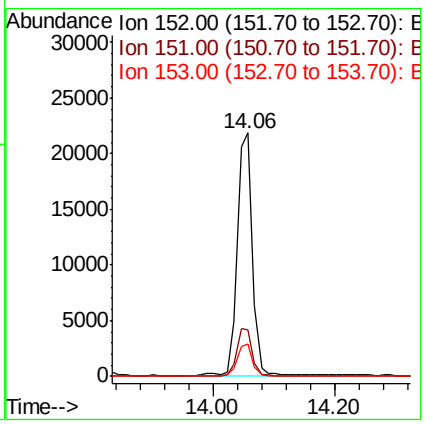


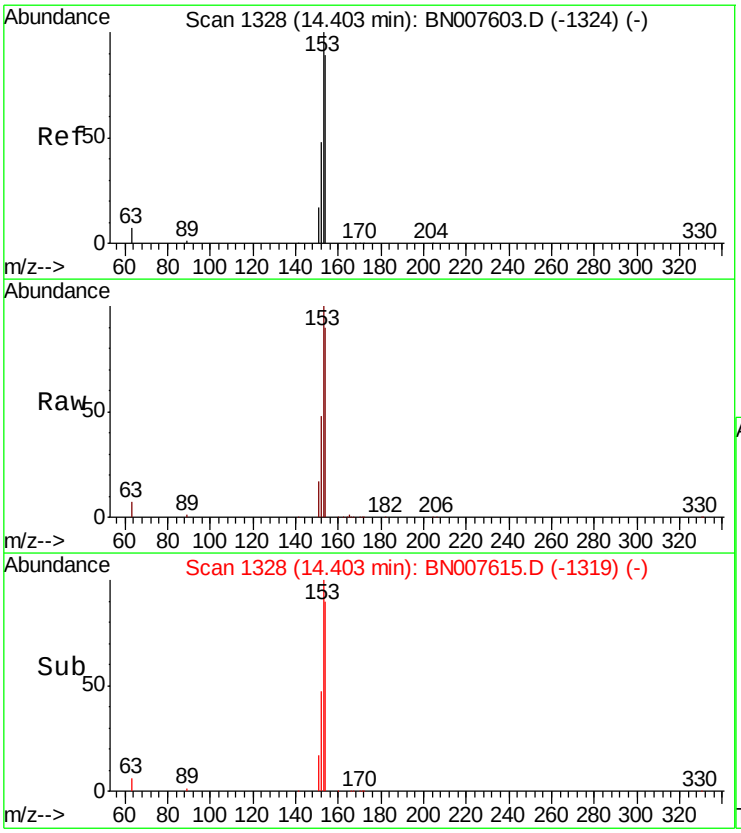
#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 37471

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.4	15.6

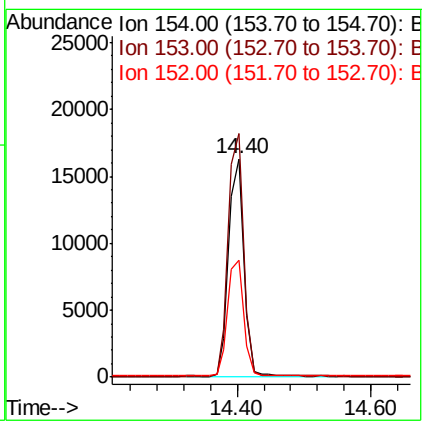


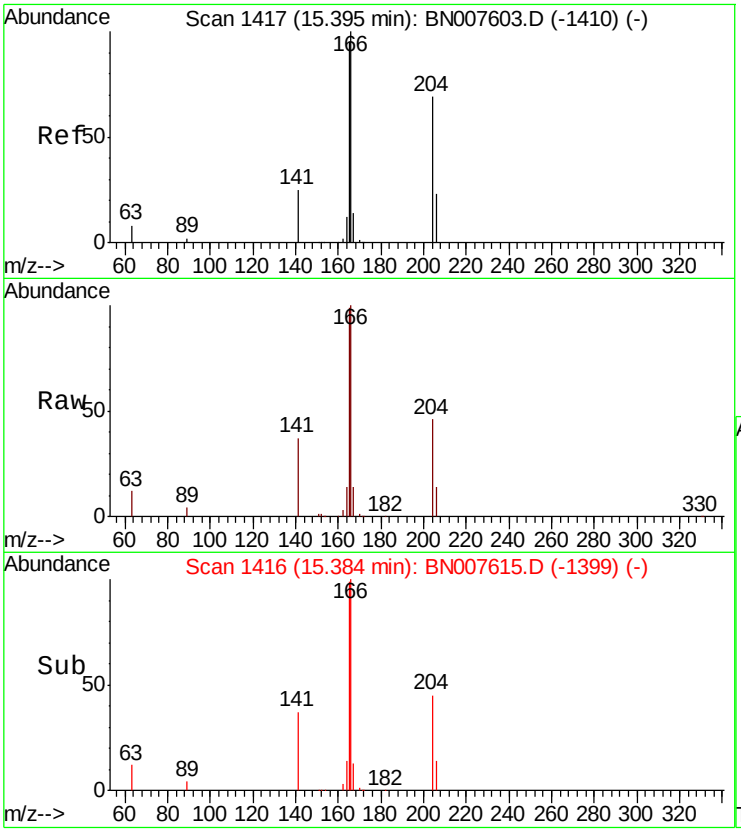


#17
Acenaphthene
Concen: 0.385 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:154 Resp: 25435

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.8
152	56.2	43.8	65.8



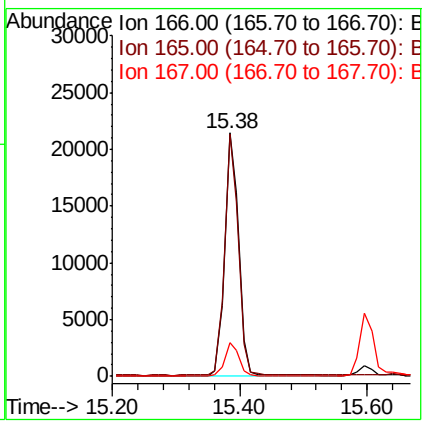


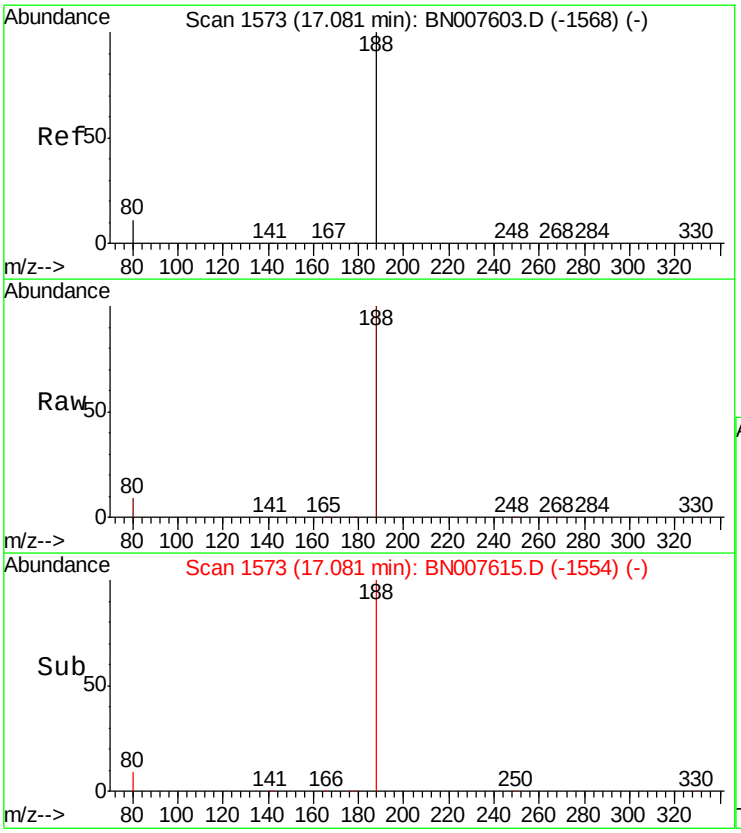
#18
Fluorene
Concen: 0.386 ng
RT: 15.38 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 32203

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.6	10.8	16.2

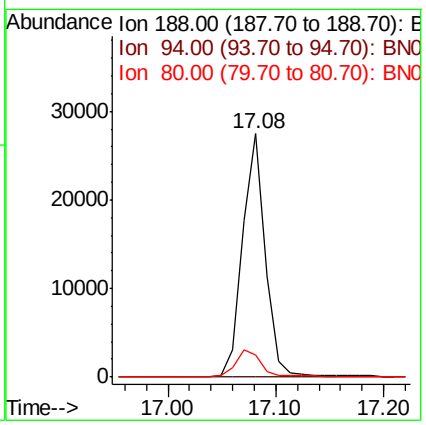


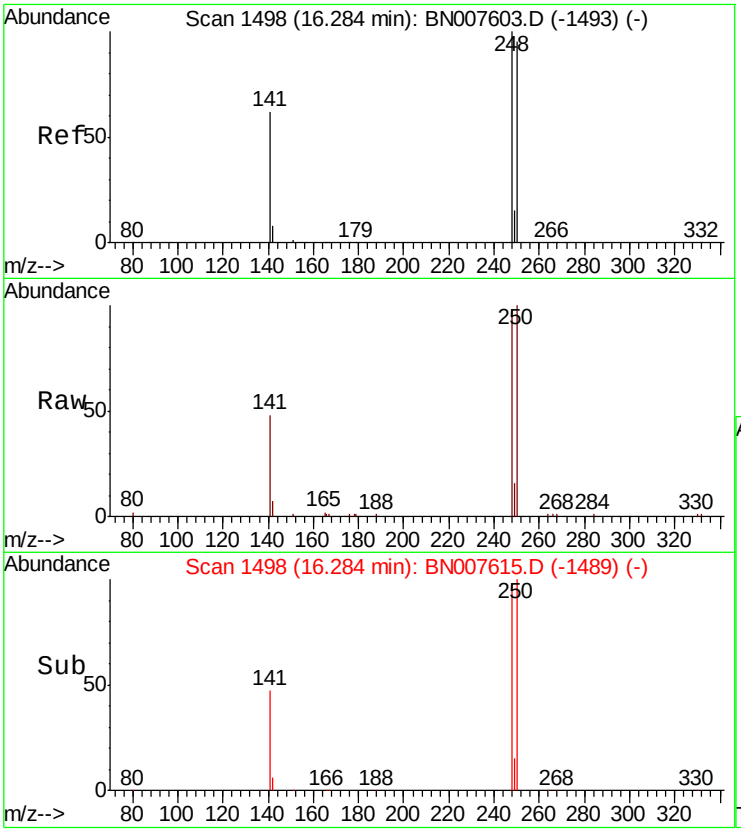


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:188 Resp: 39766

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.8	13.2



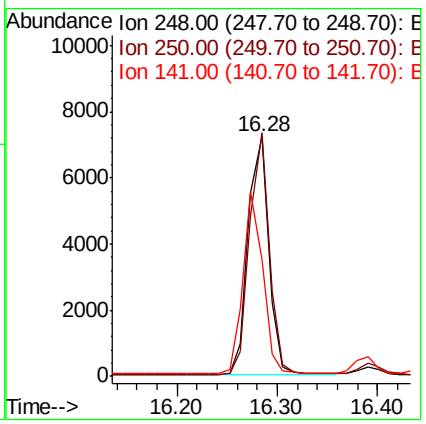


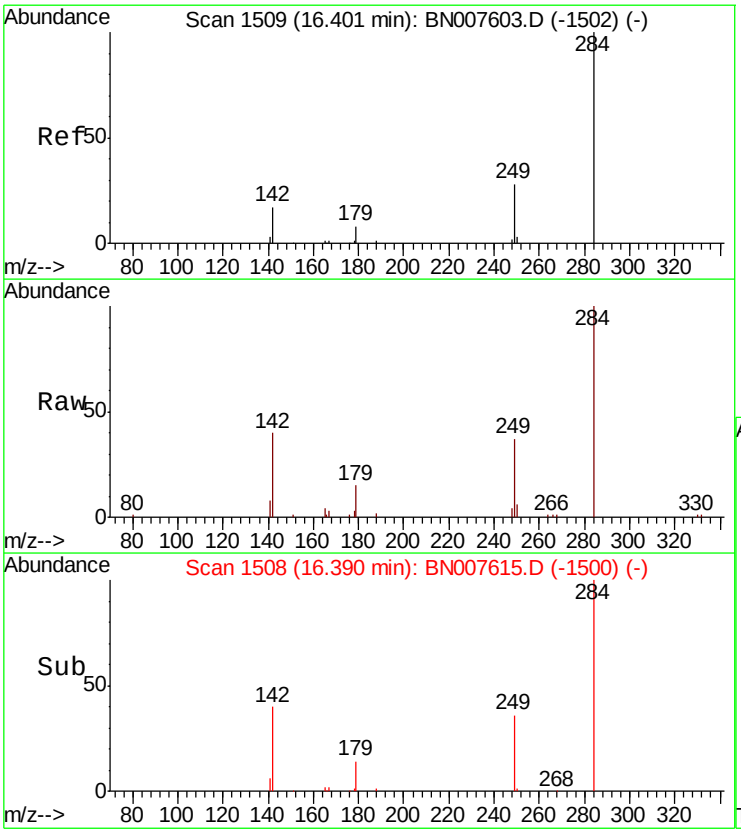
#20
4-Bromophenyl-phenylether
Concen: 0.424 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 10419

Ion	Ratio	Lower	Upper
248	100		
250	101.6	76.3	114.5
141	48.6	49.7	74.5#

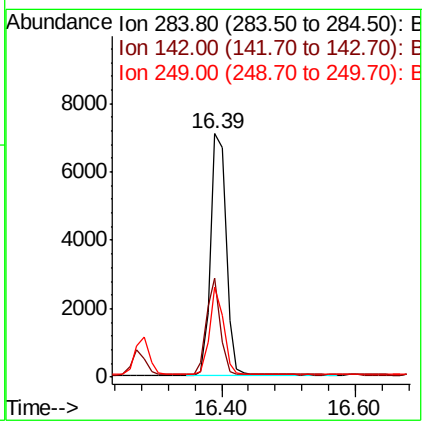


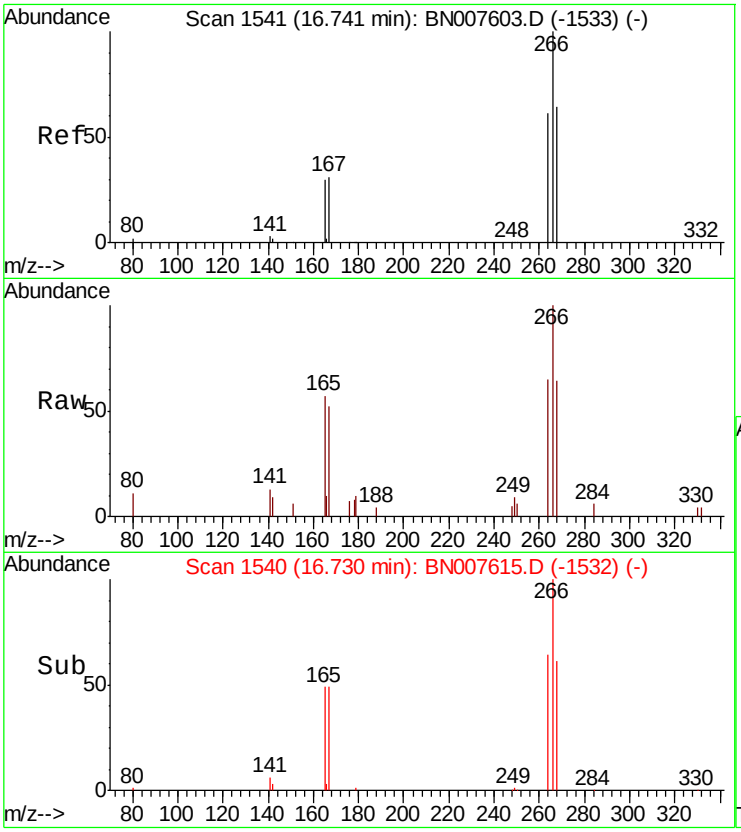


#21
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:284 Resp: 11230

Ion	Ratio	Lower	Upper
284	100		
142	36.0	27.8	41.6
249	32.4	25.5	38.3



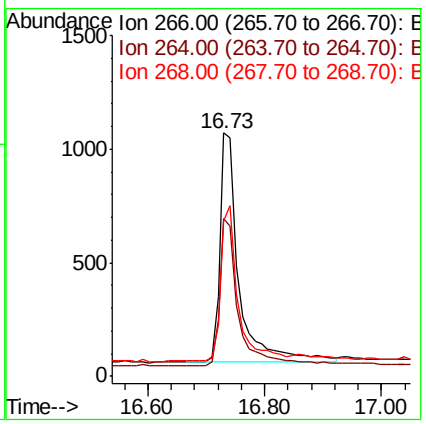


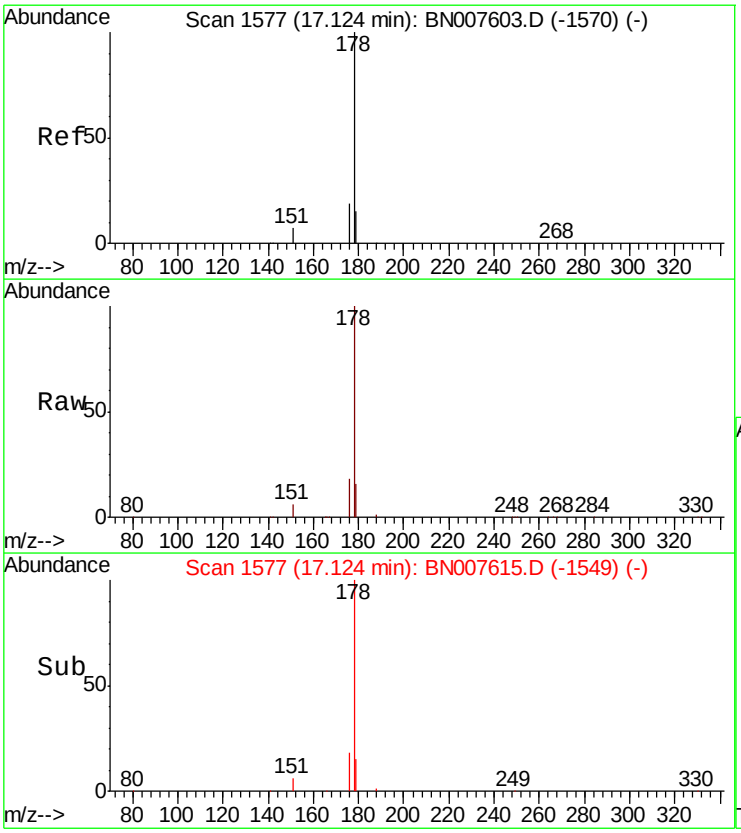
#22
Pentachlorophenol
Concen: 0.338 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 2304

Ion	Ratio	Lower	Upper
266	100		
264	65.1	49.4	74.0
268	63.6	53.0	79.6

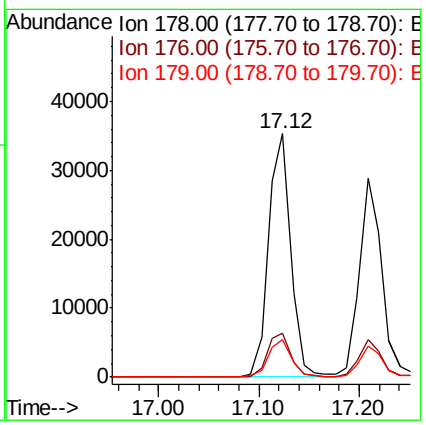


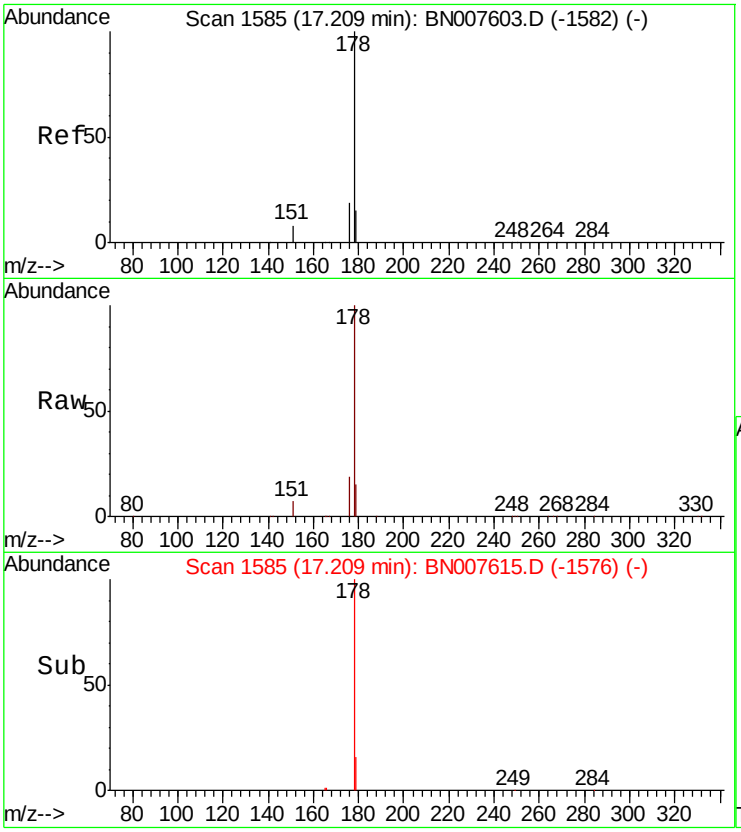


#23
Phenanthrene
Concen: 0.430 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:178 Resp: 53896

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6



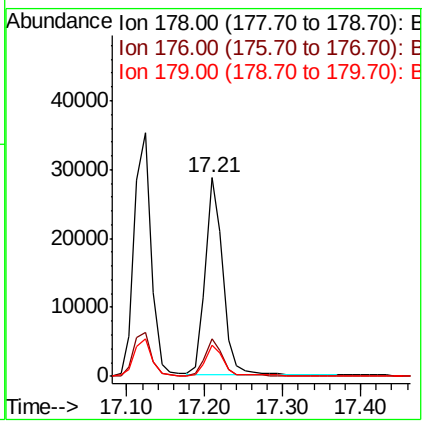


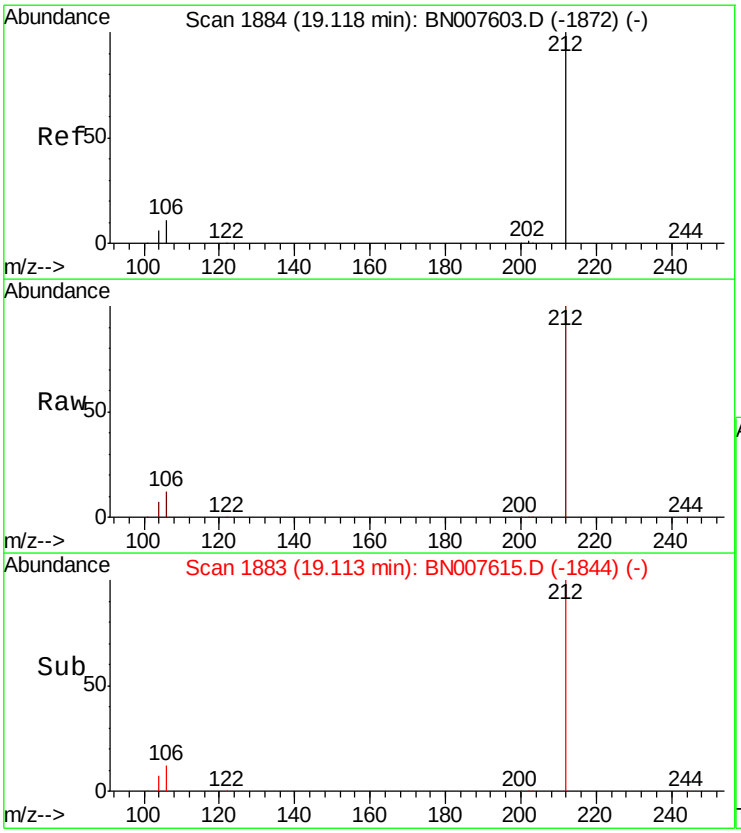
#24
Anthracene
Concen: 0.404 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 44893

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.2	12.4	18.6

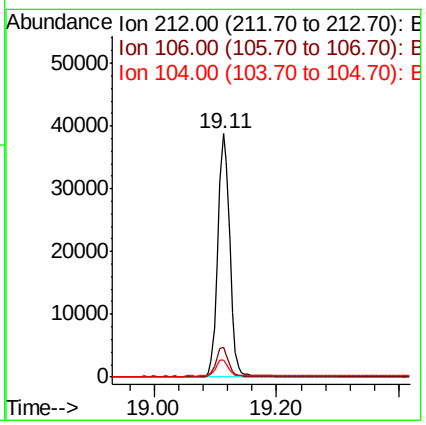


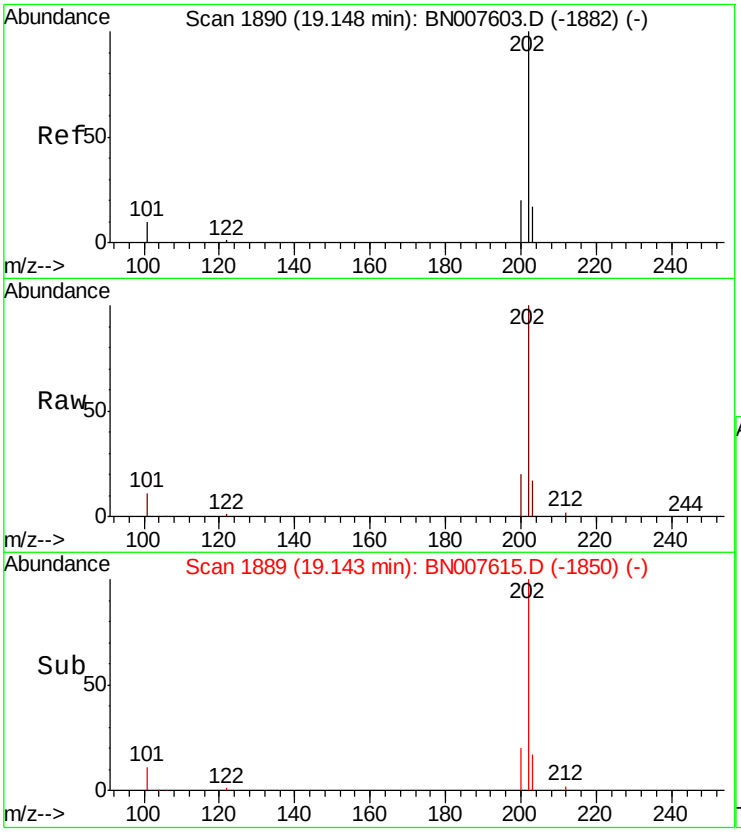


#25
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:212 Resp: 51947

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.6	14.4
104	6.9	5.4	8.0



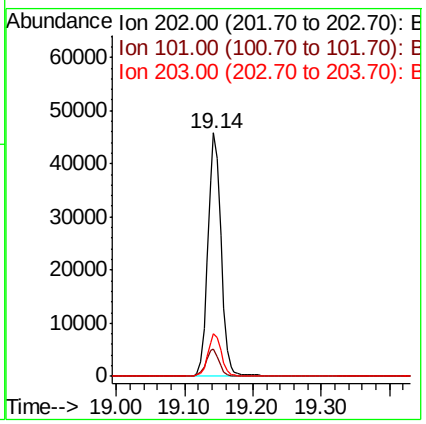


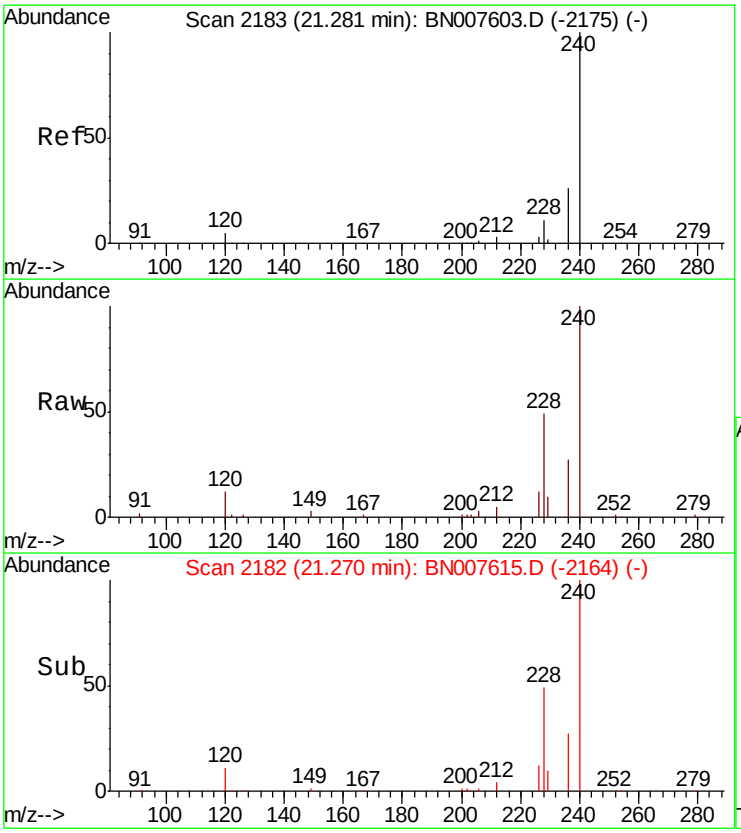
#26
Fluoranthene
Concen: 0.419 ng
RT: 19.14 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 61405

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	13.0
203	17.3	13.8	20.6

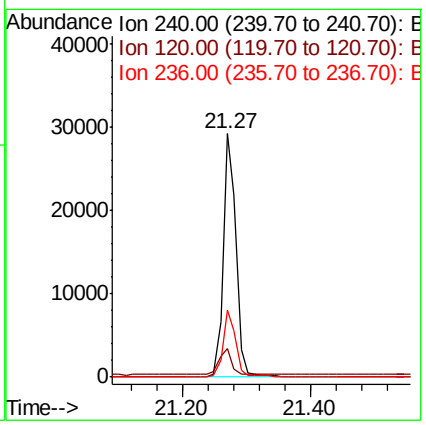


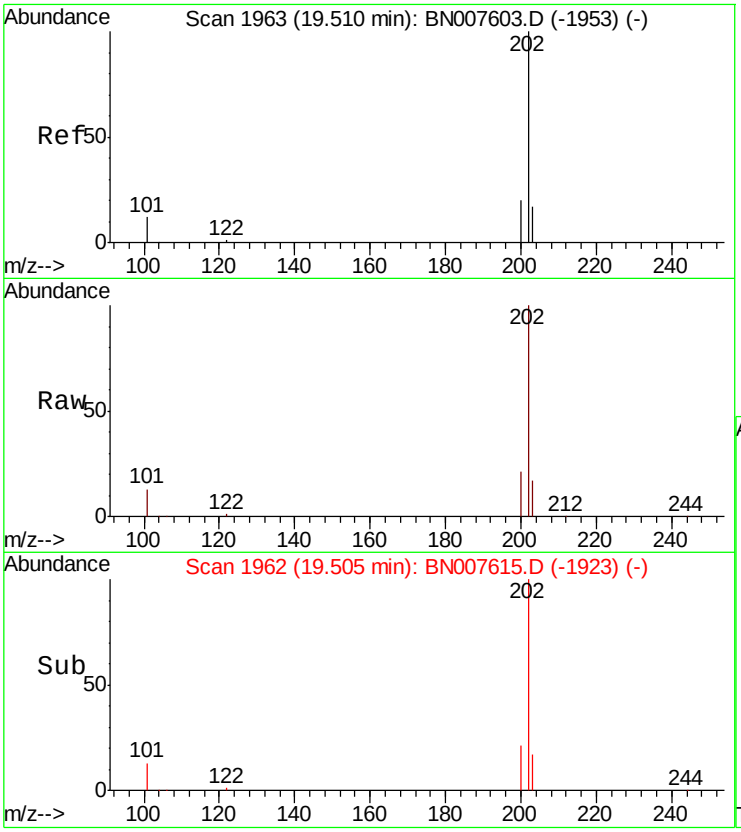


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:240 Resp: 39639

Ion	Ratio	Lower	Upper
240	100		
120	11.5	4.3	6.5#
236	27.3	20.8	31.2



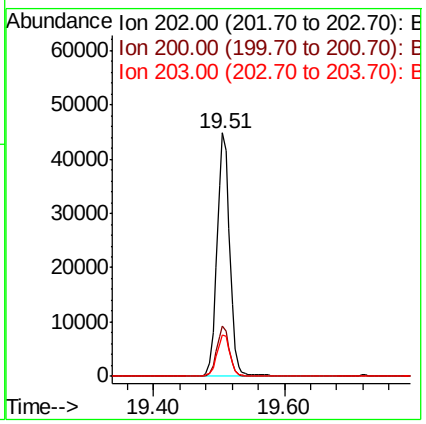


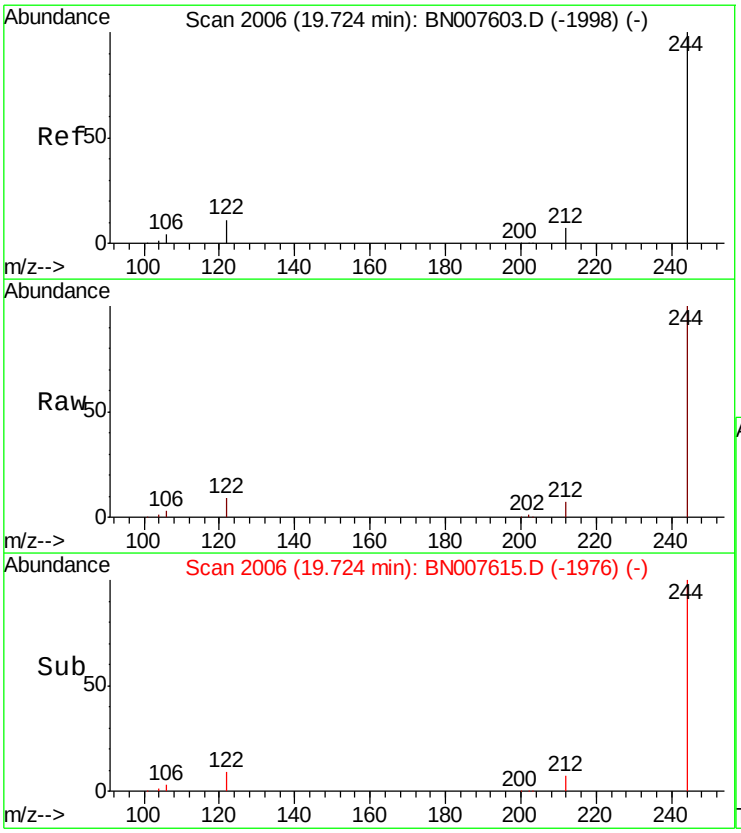
#28
Pyrene
Concen: 0.421 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 60607

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.3	14.0	21.0

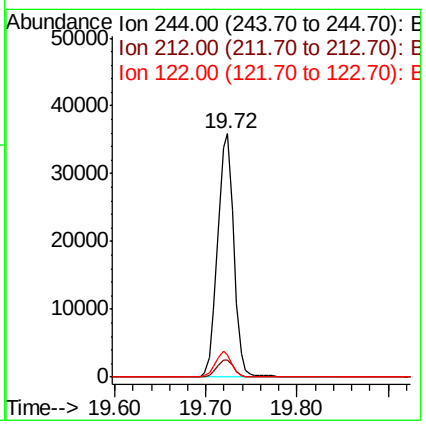


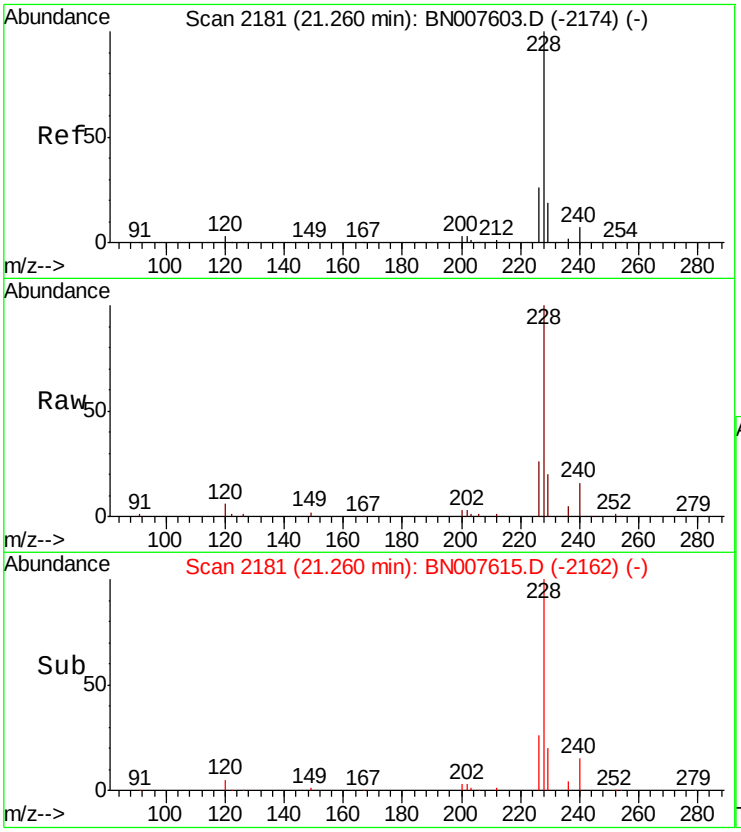


#29
Terphenyl-d14
Concen: 0.419 ng
RT: 19.72 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:244 Resp: 43787

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.0	8.6	12.8



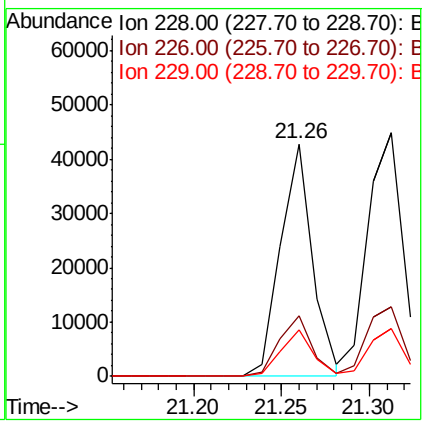


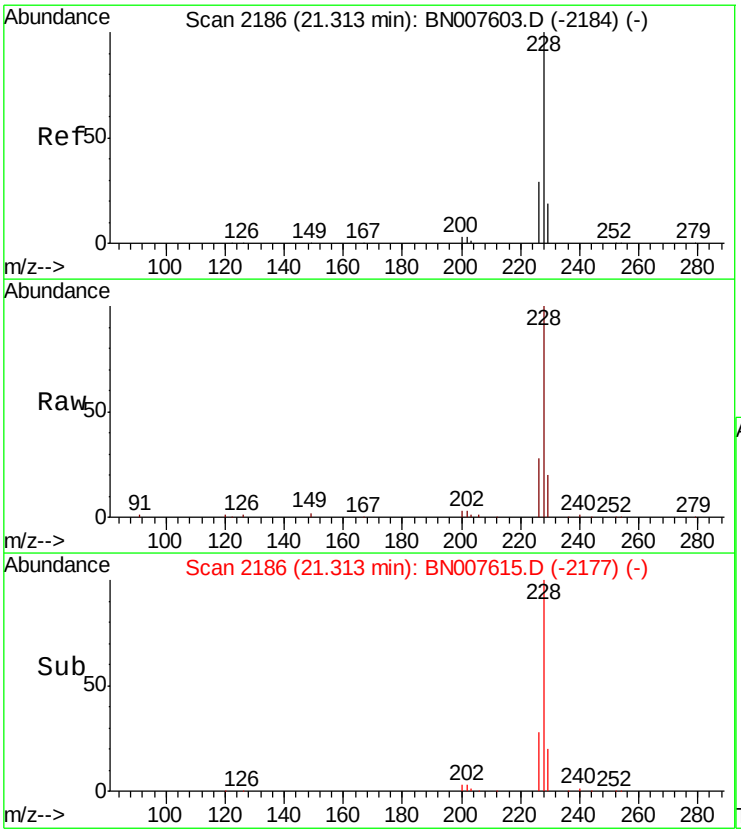
#30
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 54231

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.2	31.8
229	19.9	15.5	23.3

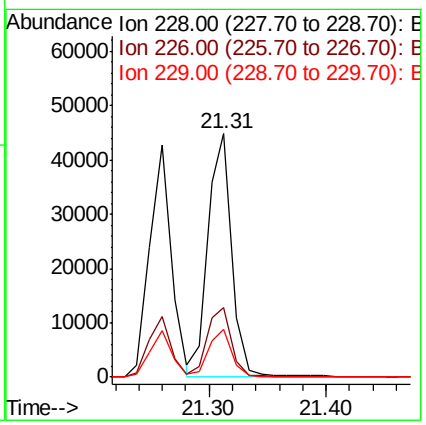


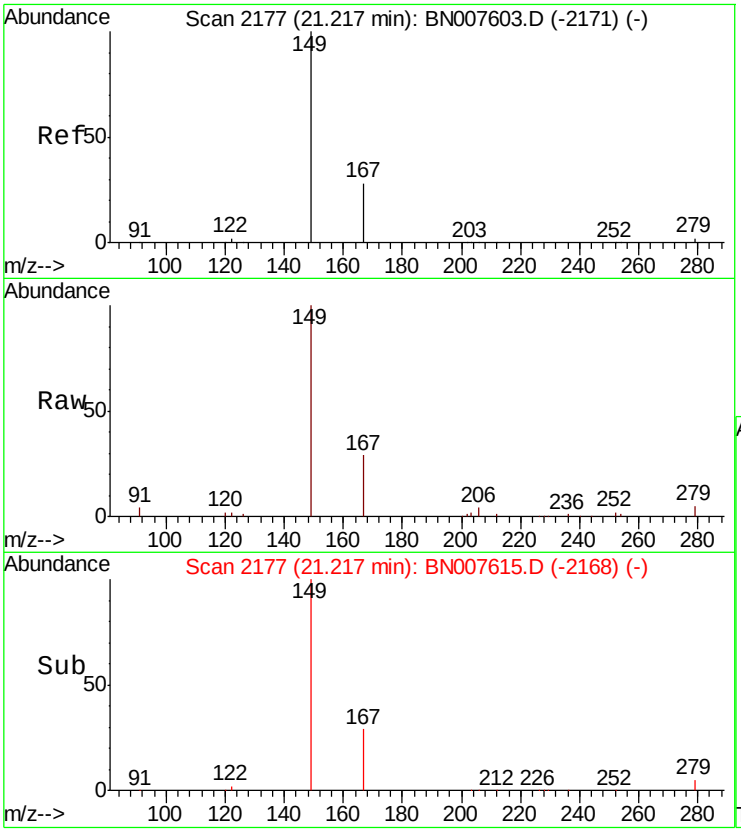


#31
Chrysene
Concen: 0.431 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:228 Resp: 63049

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	19.8	15.5	23.3



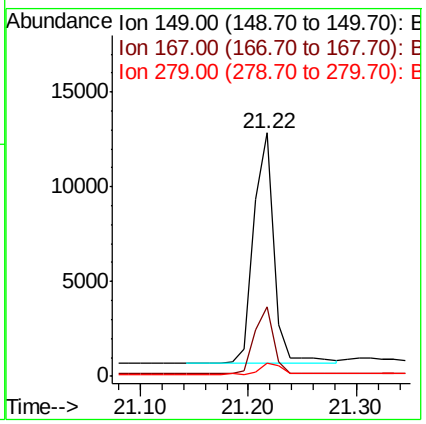


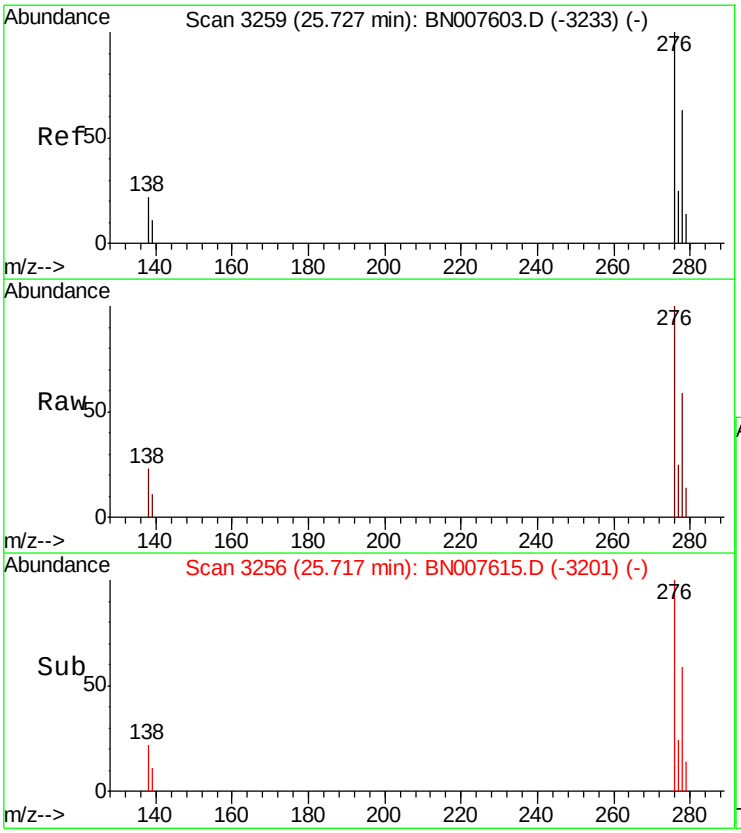
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 15742

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.3	3.8	5.6

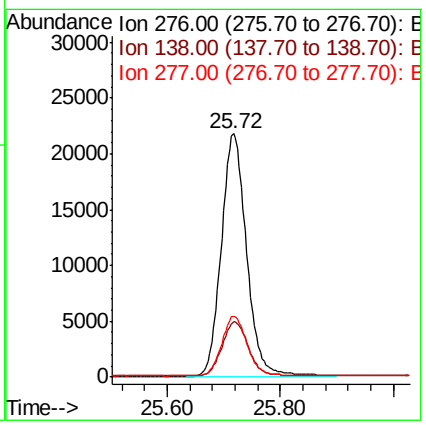


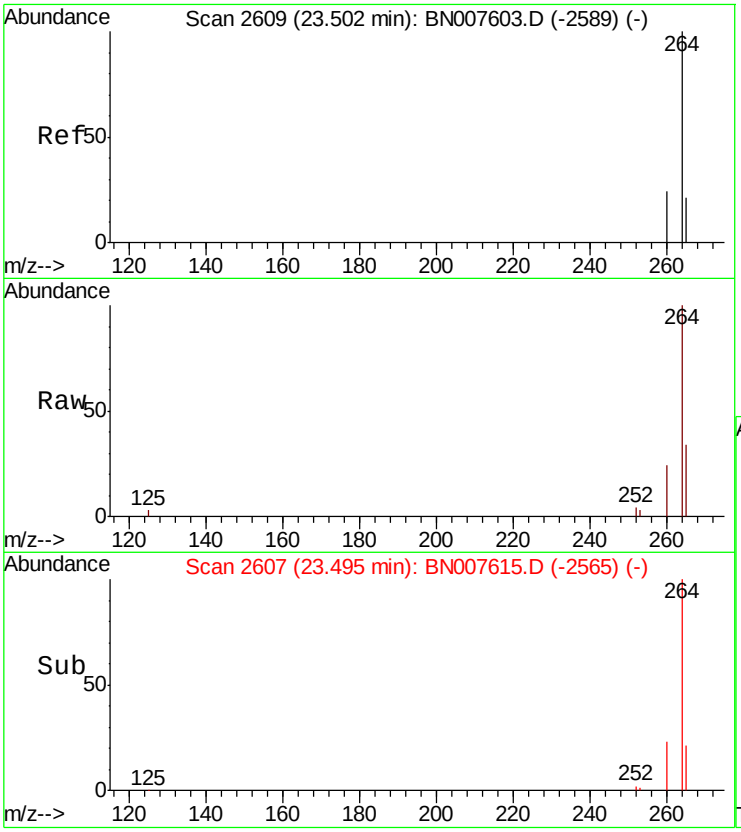


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 25.72 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:276 Resp: 67581

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.2	27.4
277	25.1	20.1	30.1



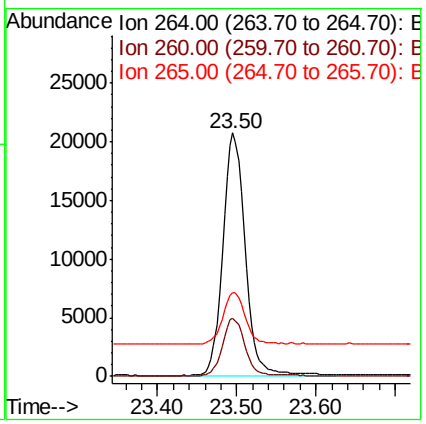


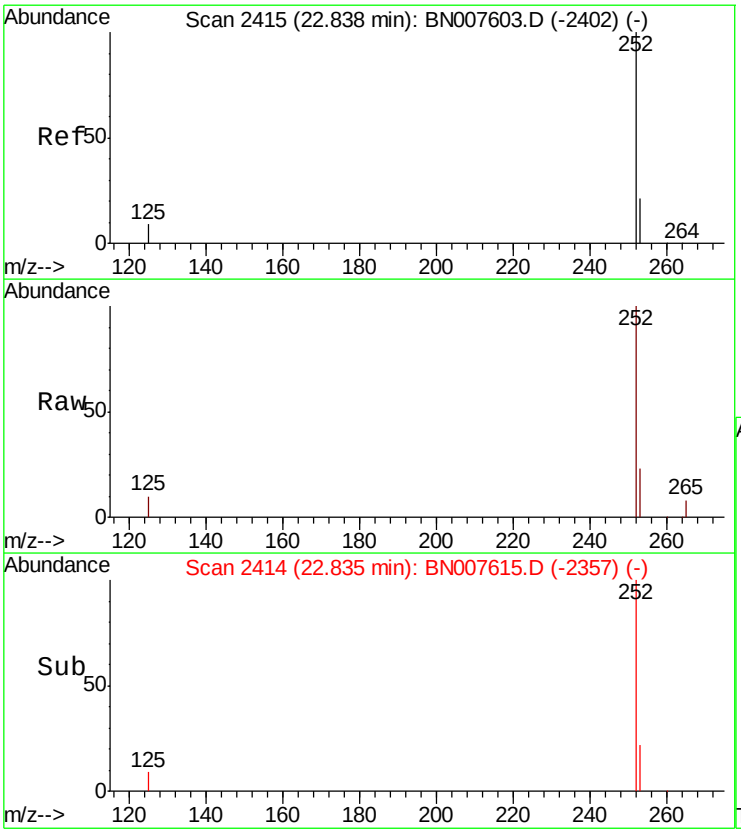
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 40243

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	34.3	24.6	37.0

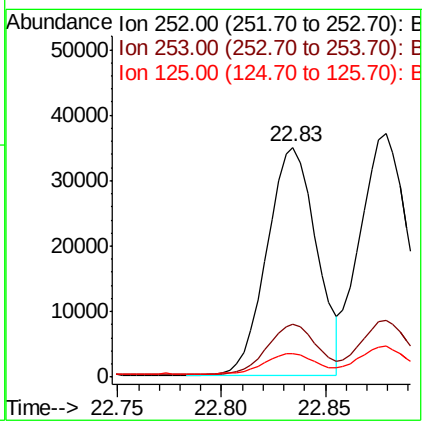


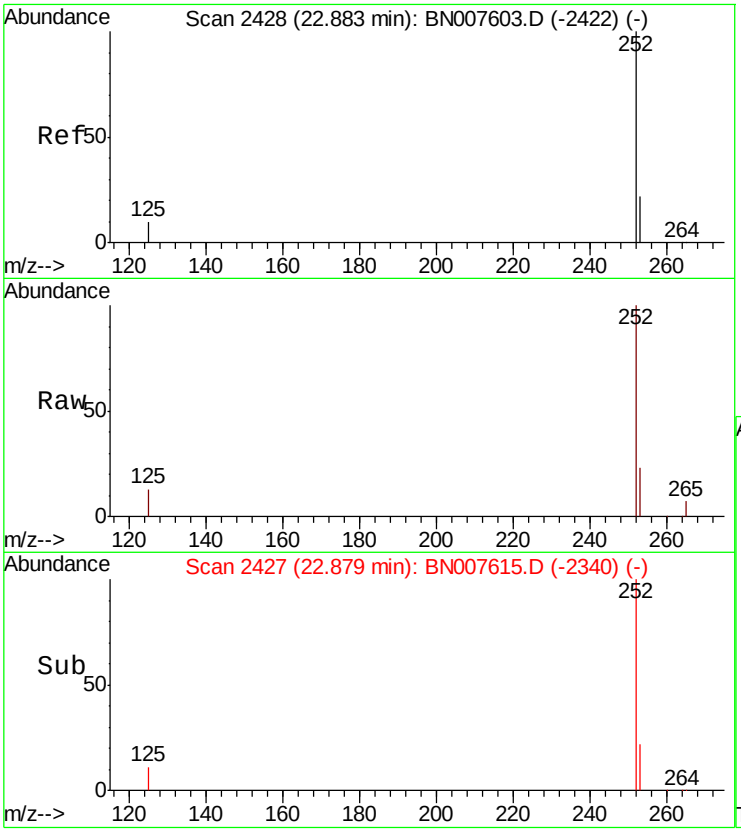


#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.83 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:252 Resp: 57457

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.3	8.0	12.0



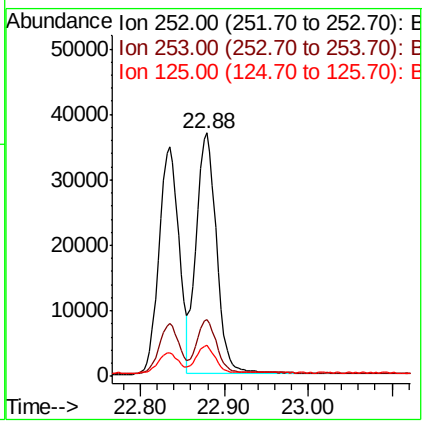


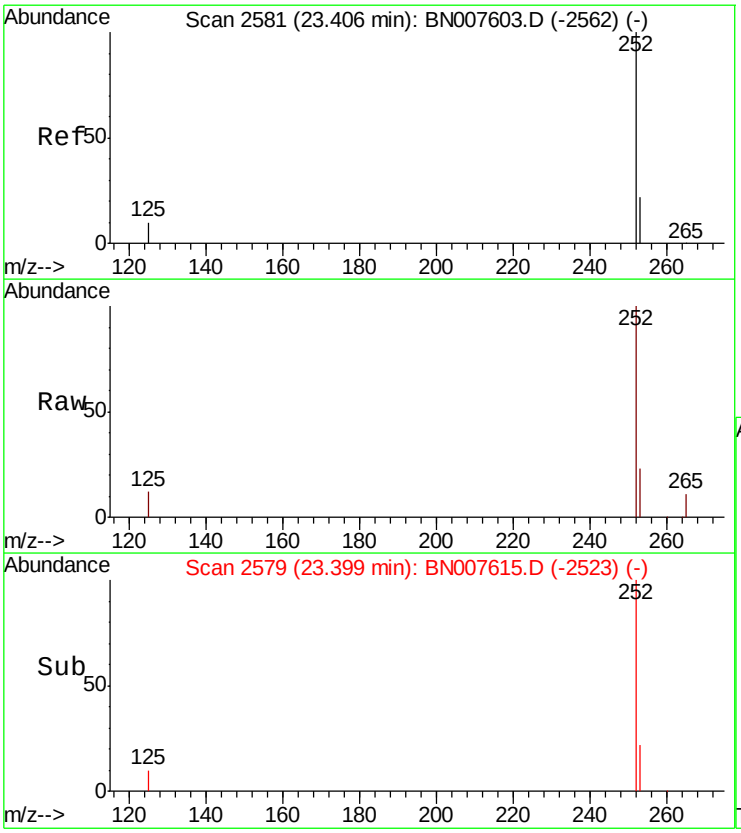
#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.88 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 62204

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	12.5	8.9	13.3

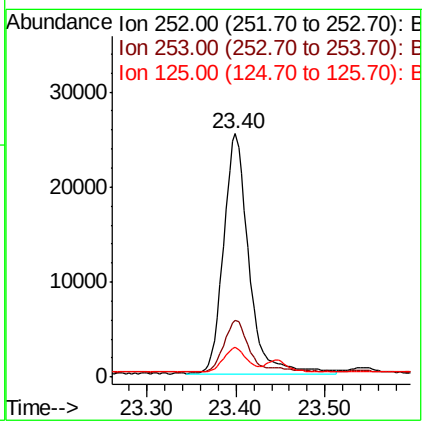


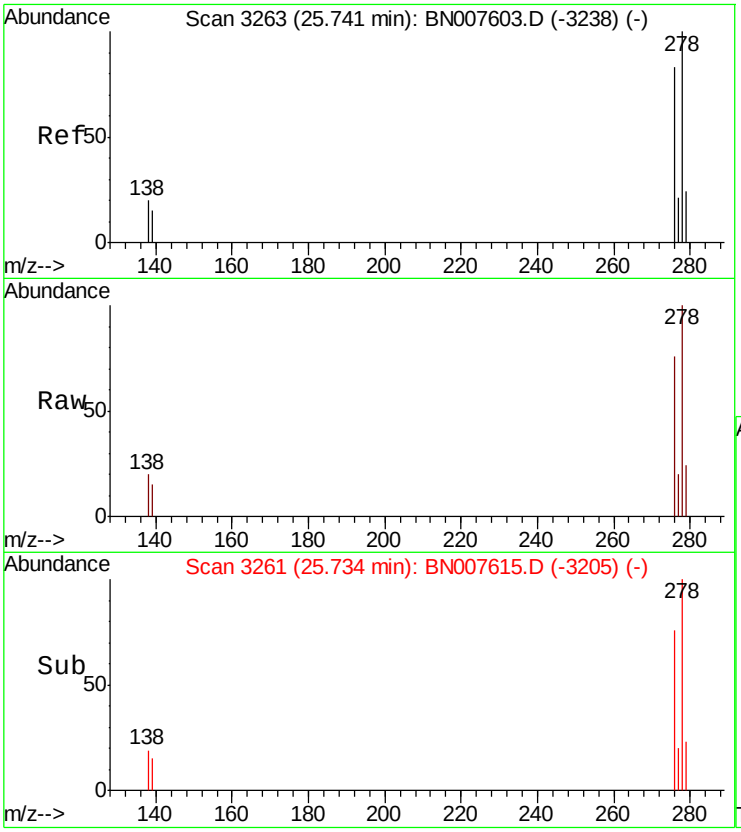


#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:252 Resp: 49656

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	12.0	8.9	13.3



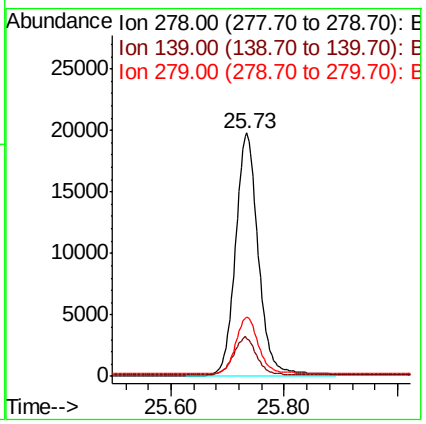


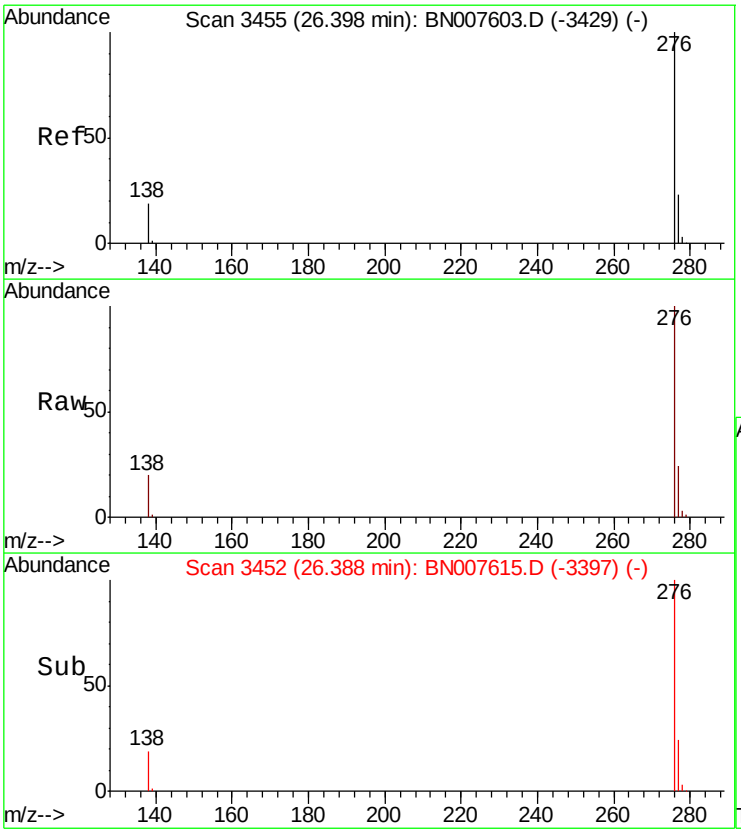
#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 55546

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	24.2	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 26.39 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN007615.D
Acq: 13 Sep 2019 08:04

Tgt Ion:276 Resp: 54108

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	20.1	15.8	23.6