Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011657.D
Acq On : 27 Aug 2020 10:50
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Aug 27 11:25:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 11:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2502	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	9518	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	5701	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	12372	0.40	ng		0.00
29) Chrysene-d12	21.32	240	13252	0.40	ng		0.00
36) Perylene-d12	23.59	264	14672	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2653	0.33	ng		0.00
5) Phenol-d6	6.91	99	3531	0.31	ng		0.00
8) Nitrobenzene-d5	8.88	82	3368	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	6197	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	975	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	8773	0.40	ng		0.00
27) Fluoranthene-d10	19.17	212	14274	0.35	ng		0.00
31) Terphenyl-d14	19.77	244	12333	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1460	0.376	ng		100
3) n-Nitrosodimethylamine	3.59	42	1844	0.451	ng		100
6) bis(2-Chloroethyl)ether	7.17	93	2897	0.361	ng		100
9) Naphthalene	10.58	128	10014	0.370	ng		100
10) Hexachlorobutadiene	10.87	225	2178	0.384	ng	#	100
12) 2-Methylnaphthalene	12.20	142	6994	0.350	ng		100
16) Acenaphthylene	14.10	152	9845	0.328	ng		100
17) Acenaphthene	14.45	154	6838	0.359	ng		100
18) Fluorene	15.44	166	8797	0.357	ng		100
20) 4,6-Dinitro-2-methylphenol	15.51	198	657	0.461	ng		100
21) 4-Bromophenyl-phenylether	16.32	248	2623	0.363	ng		100
22) Hexachlorobenzene	16.43	284	3246	0.389	ng		100
23) Atrazine	16.59	200	2286	0.321	ng		100
24) Pentachlorophenol	16.77	266	1299	0.353	ng		100
25) Phenanthrene	17.16	178	14320	0.373	ng		100
26) Anthracene	17.26	178	12745	0.337	ng		100
28) Fluoranthene	19.20	202	16951	0.364	ng		100
30) Pyrene	19.56	202	17195	0.366	ng		100
32) Benzo(a)anthracene	21.31	228	17380	0.364	ng		100
33) Chrysene	21.36	228	18288	0.401	ng		100
34) Bis(2-ethylhexyl)phthalate	21.26	149	6947	0.204	ng		100
35) Indeno(1,2,3-cd)pyrene	25.86	276	24319	0.437	ng		100
37) Benzo(b)fluoranthene	22.91	252	19261	0.362	ng		100
38) Benzo(k)fluoranthene	22.95	252	20517	0.388	ng		100
39) Benzo(a)pyrene	23.49	252	17249	0.348	ng		100
40) Dibenzo(a,h)anthracene	25.88	278	20146	0.389	ng		100
41) Benzo(g,h,i)perylene	26.55	276	19462	0.387	ng		100

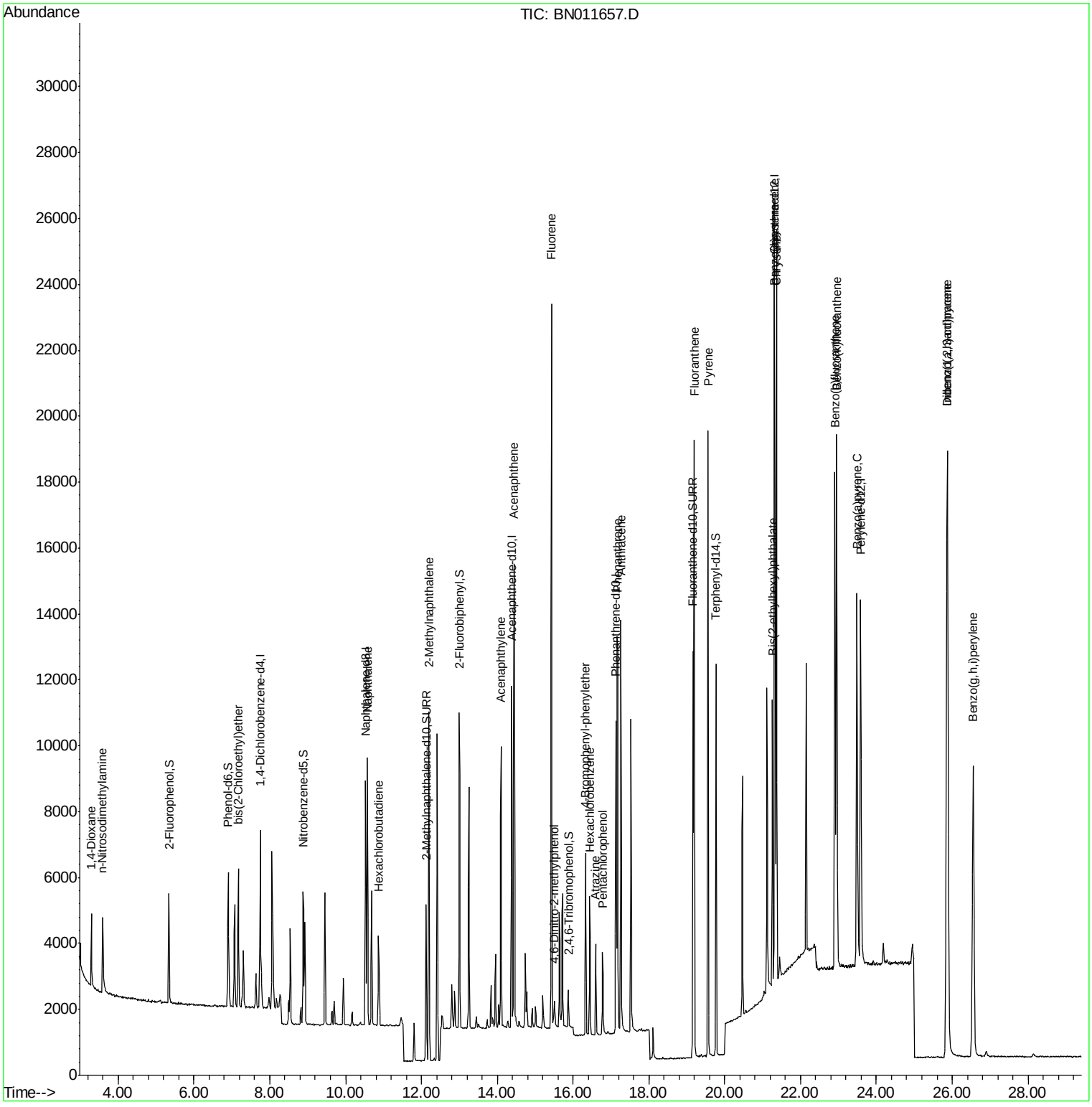
(#) = qualifier out of range (m) = manual integration (+) = signals summed

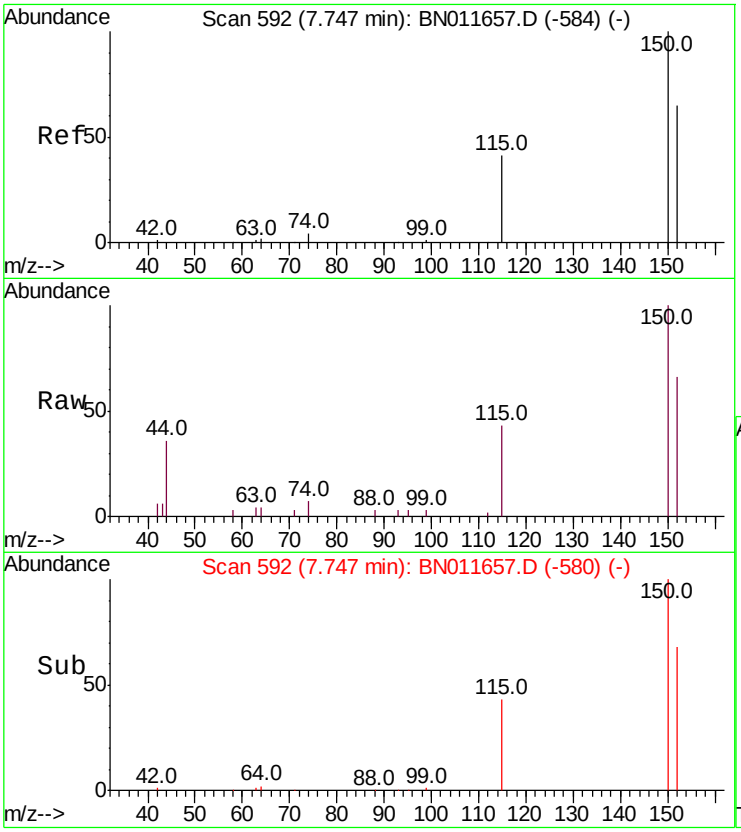
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011657.D
Acq On : 27 Aug 2020 10:50
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 27 11:25:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 11:24:00 2020
Response via : Initial Calibration



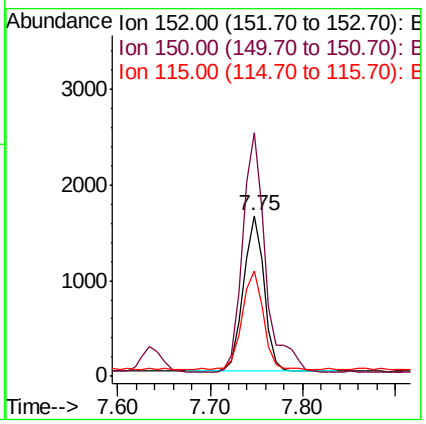


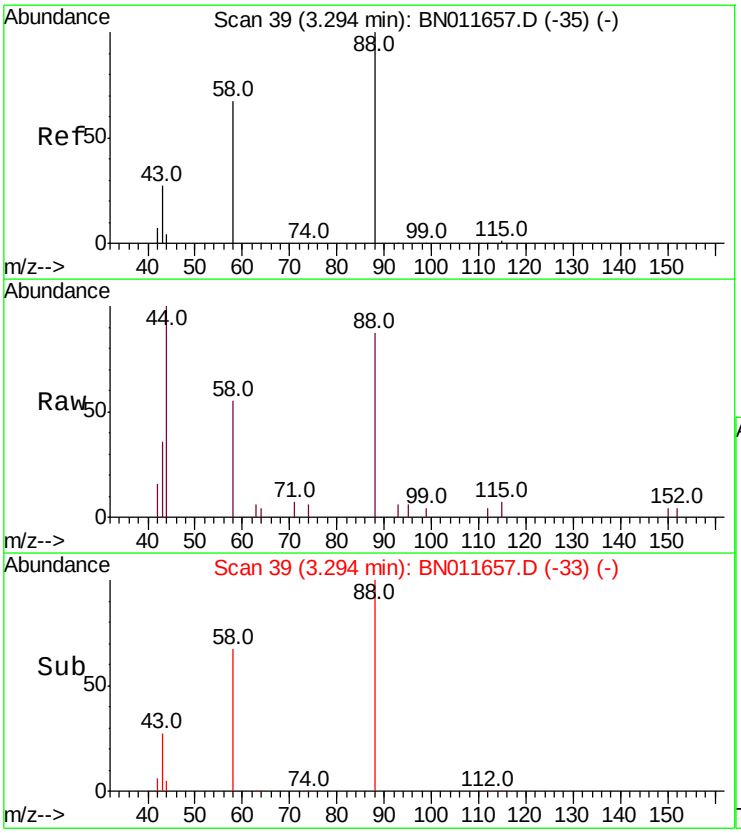
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2502

Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.0	181.6
115	65.7	52.6	78.8

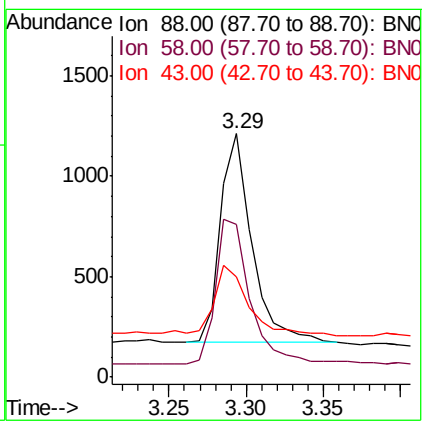


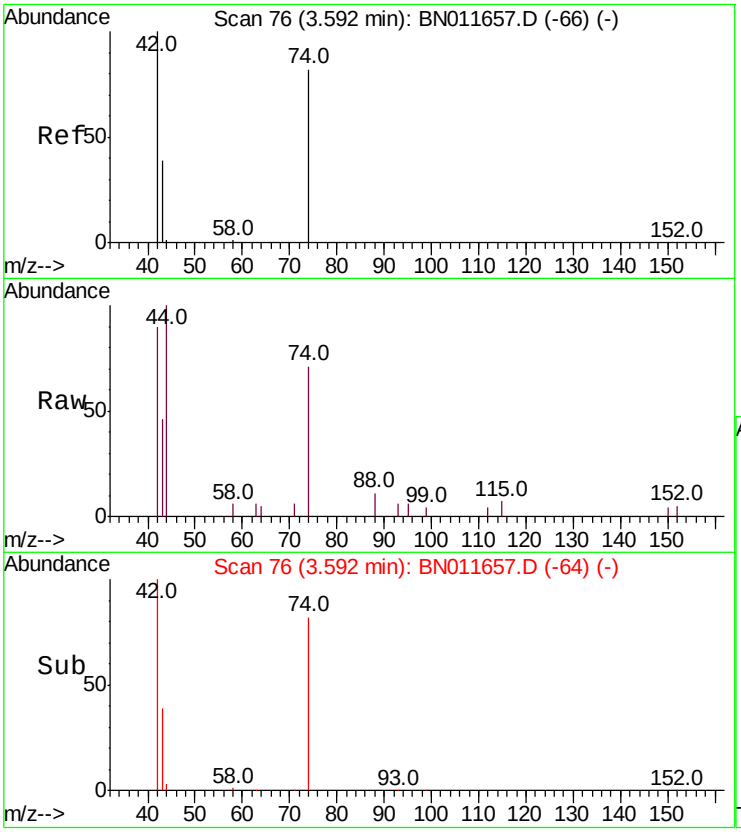


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion: 88 Resp: 1460

Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.4	92.0
43	37.3	29.8	44.8



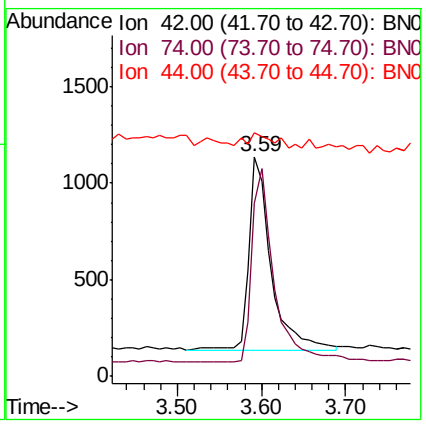


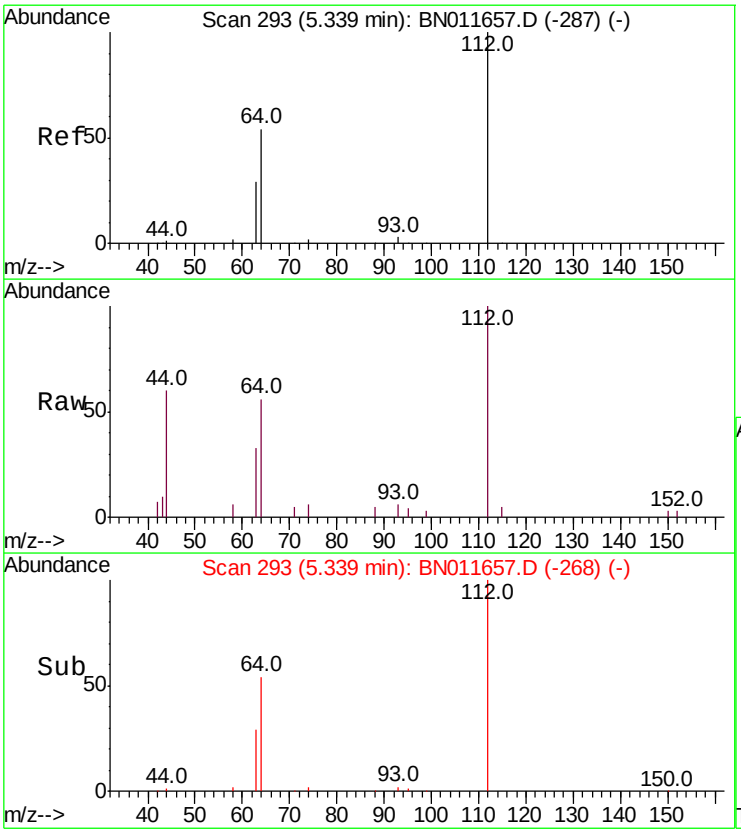
#3
n-Nitrosodimethylamine
Concen: 0.451 ng
RT: 3.59 min Scan# 76
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1844

Ion	Ratio	Lower	Upper
42	100		
74	98.8	79.0	118.6
44	10.1	8.1	12.1

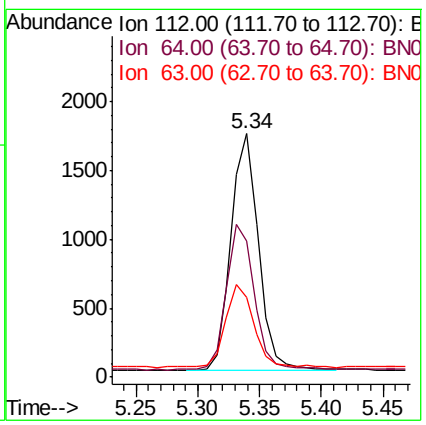


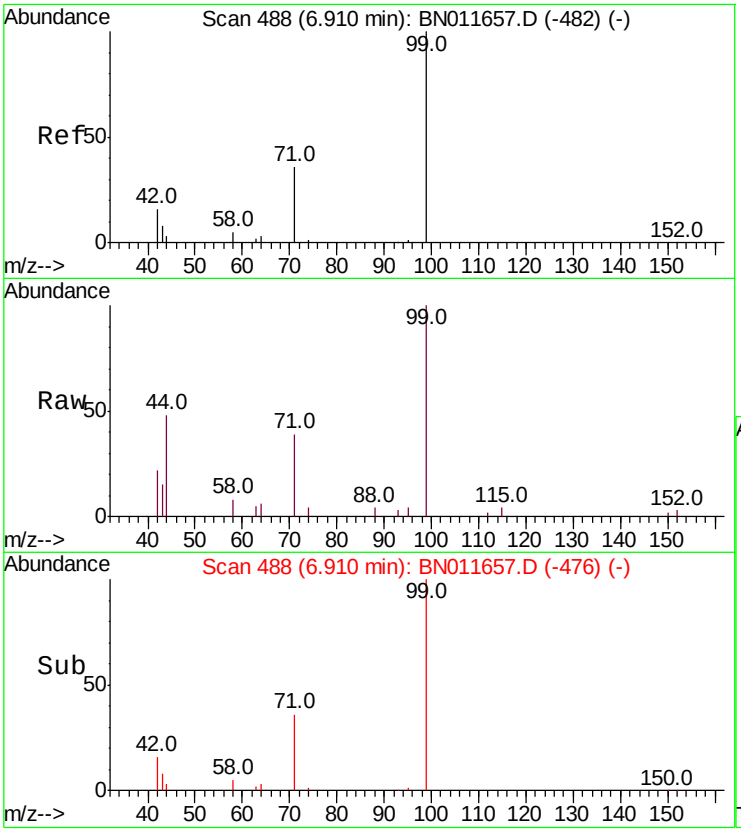


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:112 Resp: 2653

Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.7	74.5
63	36.7	29.4	44.0



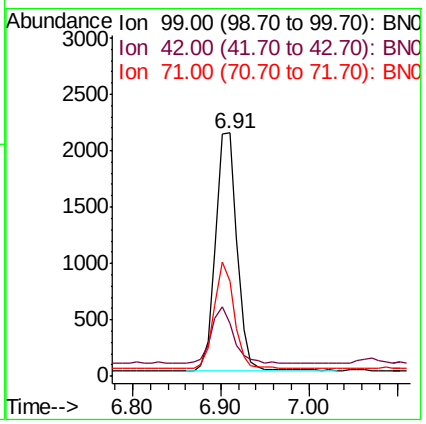


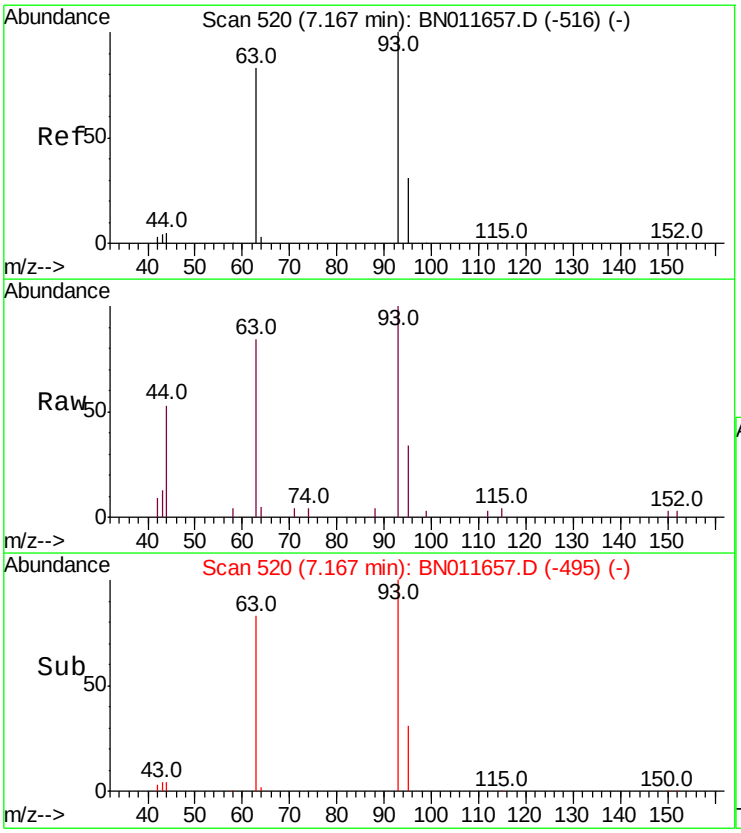
#5
Phenol-d6
Concen: 0.312 ng
RT: 6.91 min Scan# 488
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3531

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.2	30.2
71	41.6	33.3	49.9

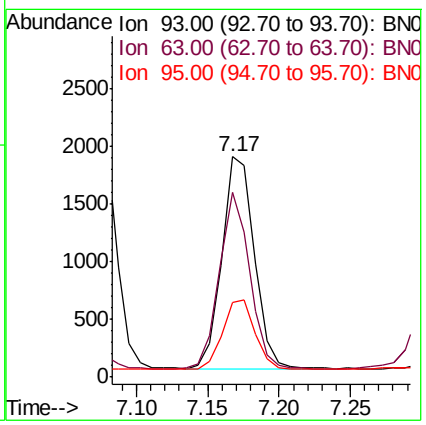


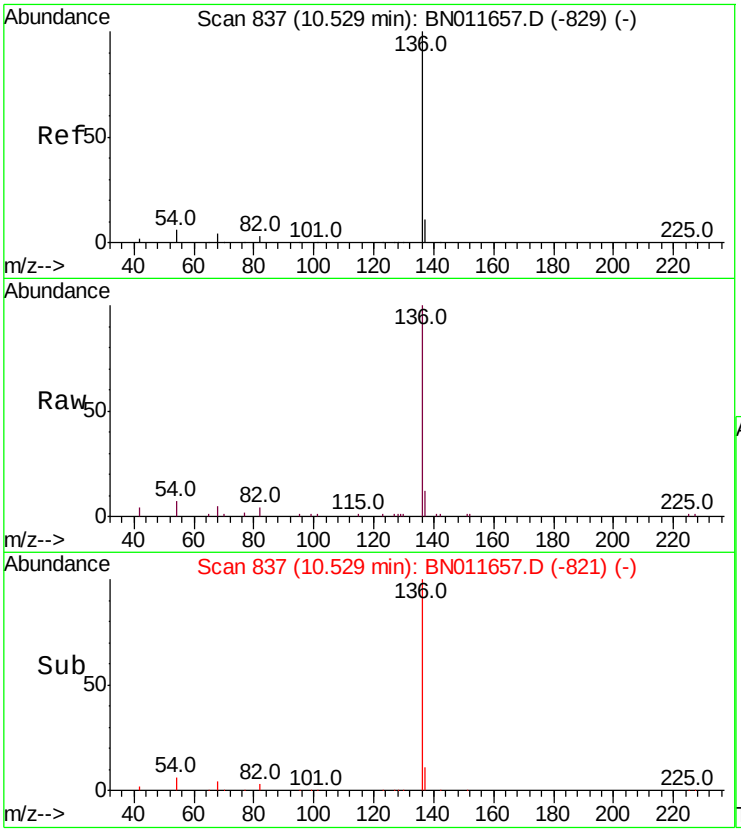


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.17 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion: 93 Resp: 2897

Ion	Ratio	Lower	Upper
93	100		
63	77.8	62.2	93.4
95	33.2	26.6	39.8



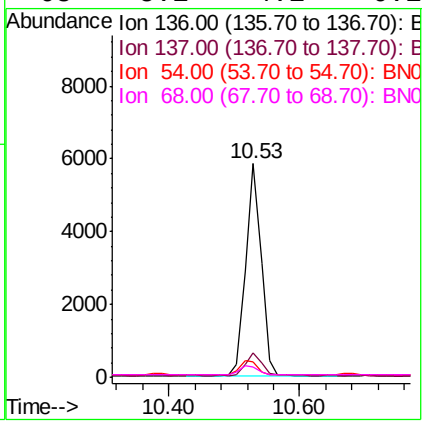


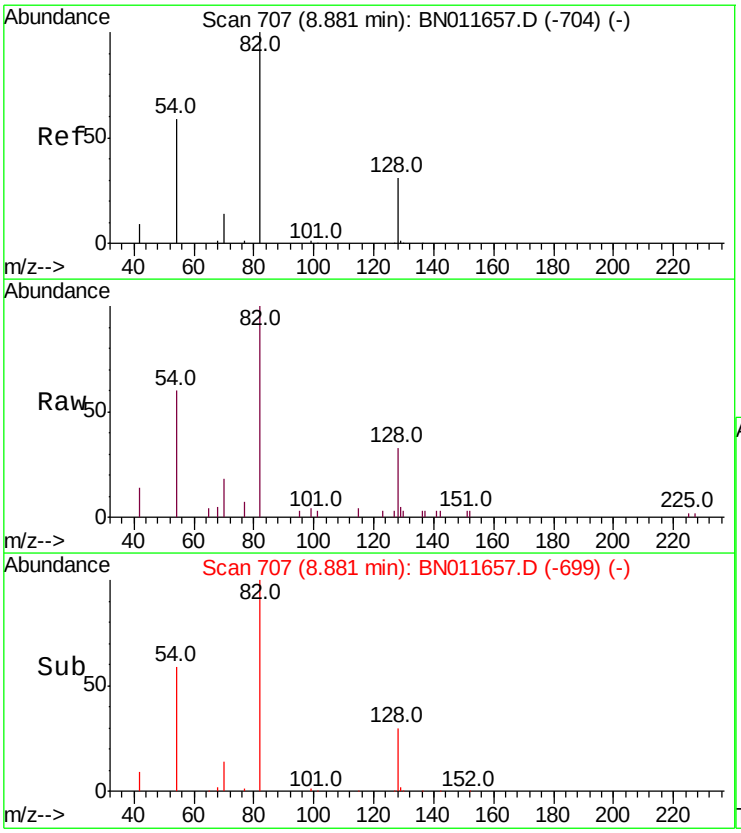
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 9518

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.3	5.8	8.8
68	5.1	4.1	6.1

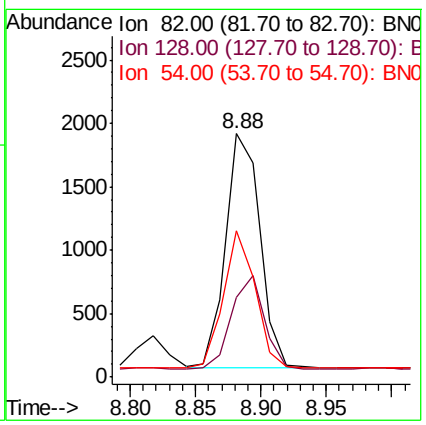


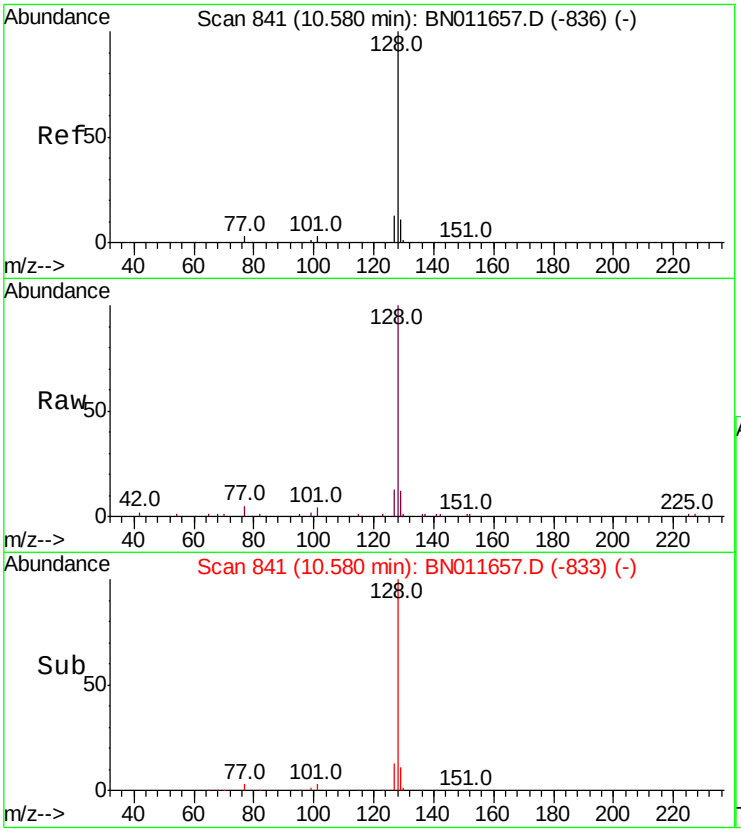


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.88 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion: 82 Resp: 3368

Ion	Ratio	Lower	Upper
82	100		
128	32.7	26.2	39.2
54	60.3	48.2	72.4

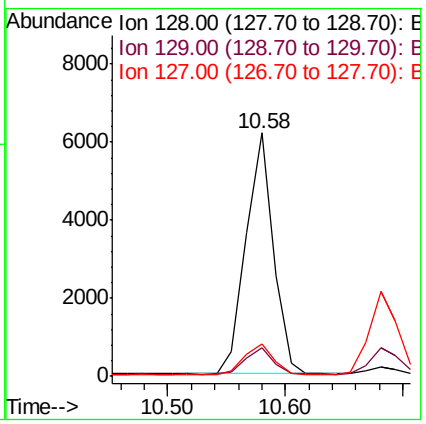




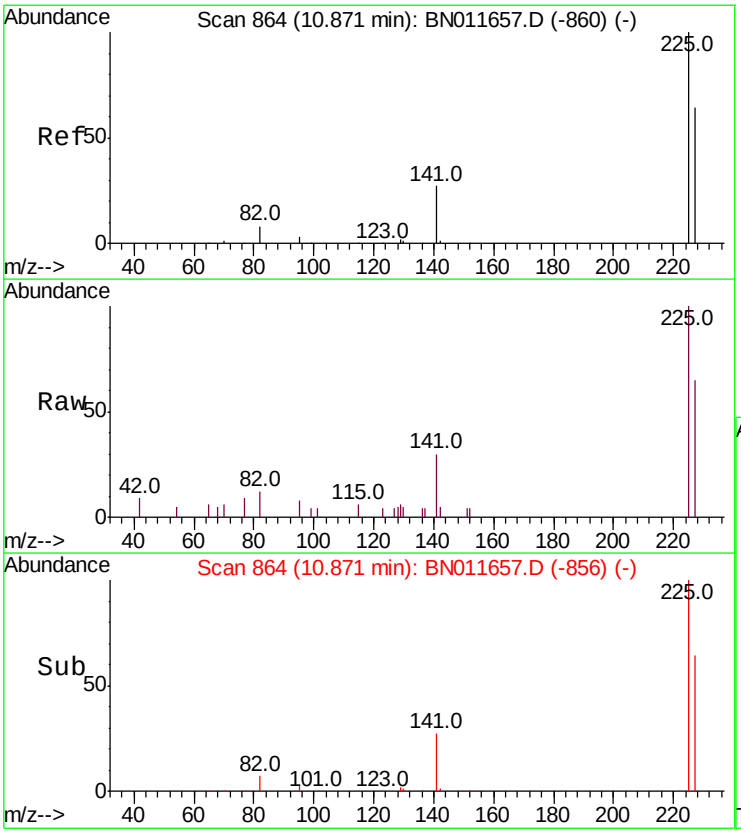
#9
Naphthalene
Concen: 0.370 ng
RT: 10.58 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:128 Resp: 10014

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.5	10.8	16.2



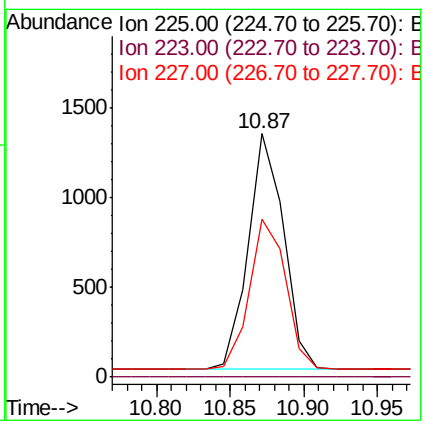
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

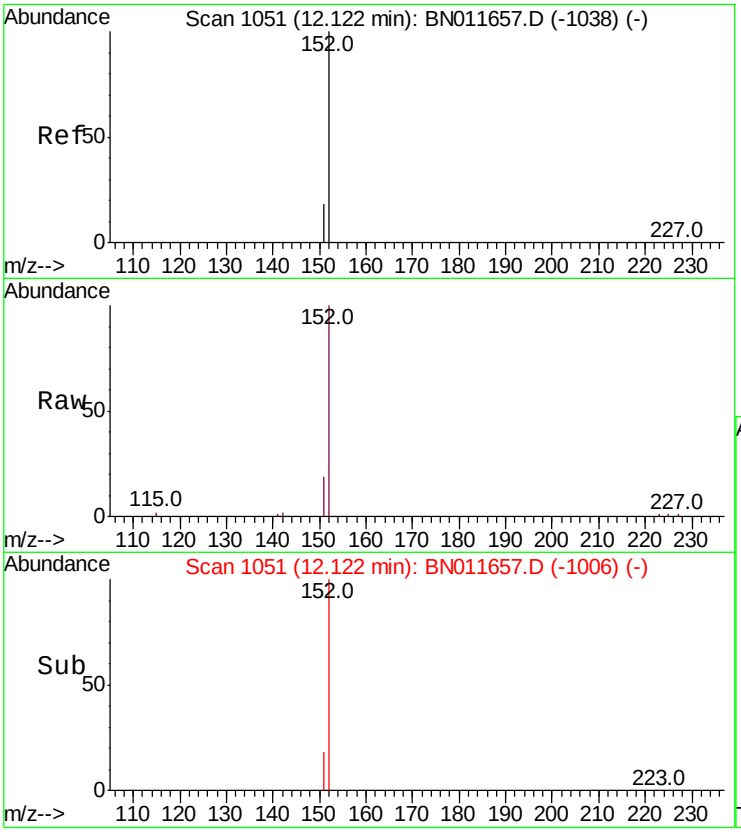


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.87 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:225 Resp: 2178

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.7	52.3	78.5



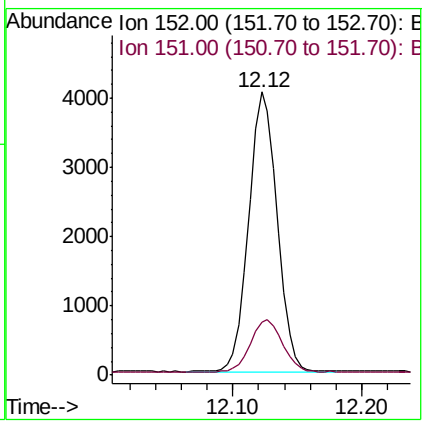


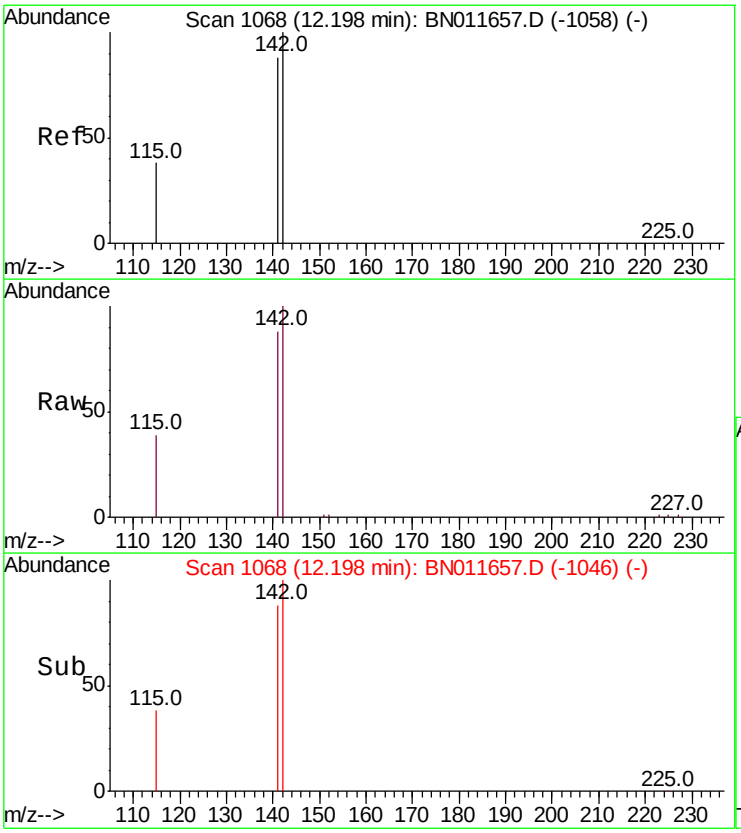
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.12 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 6197

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

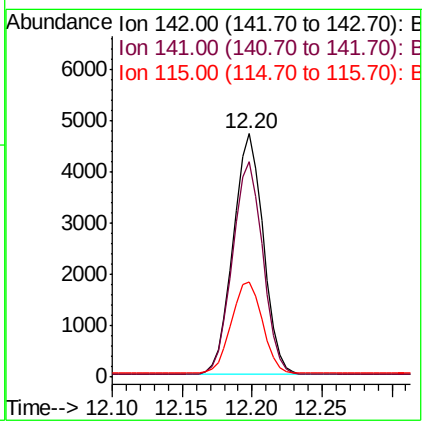


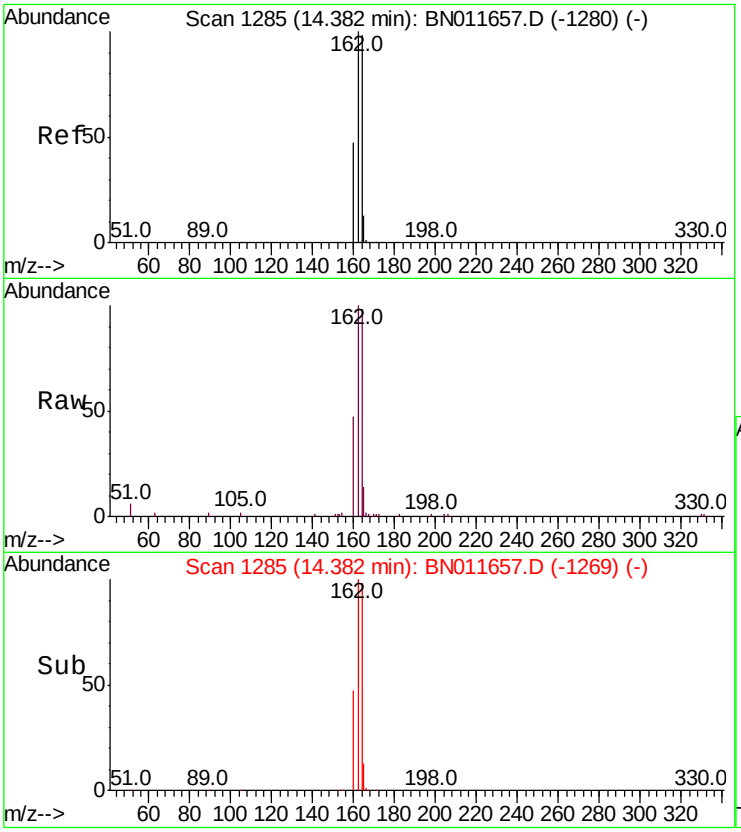


#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 12.20 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:142 Resp: 6994

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	39.1	31.3	46.9



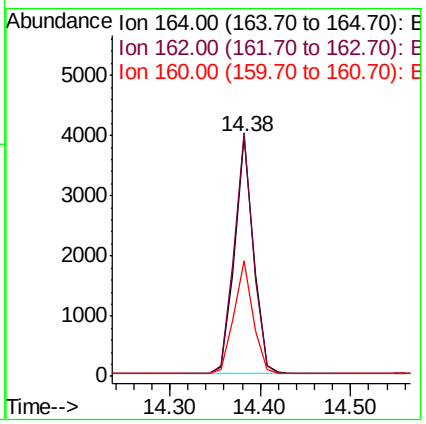


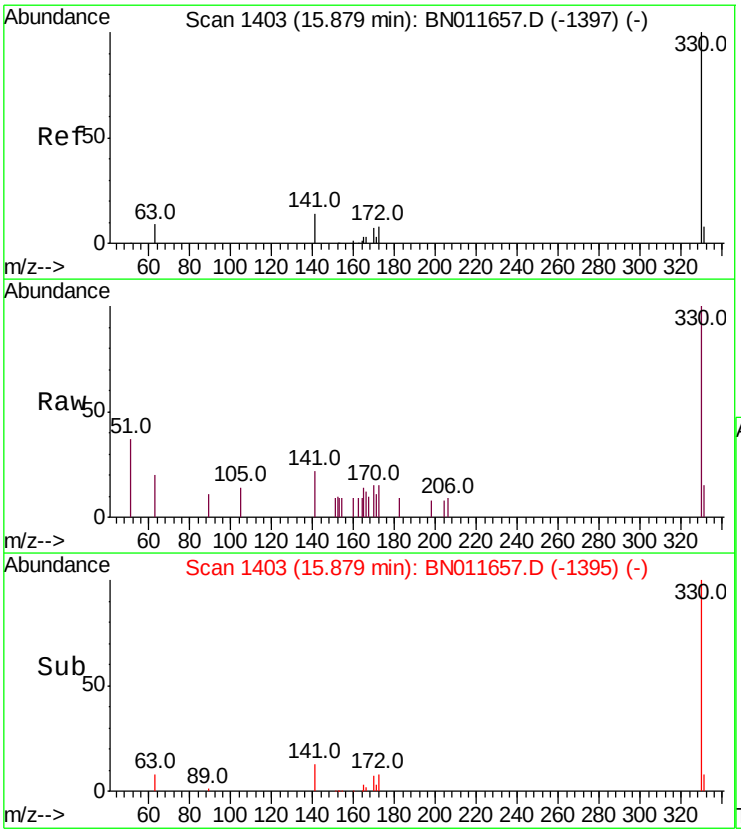
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 5701

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	48.1	38.5	57.7

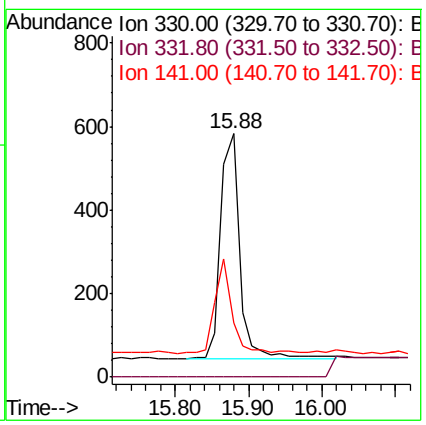


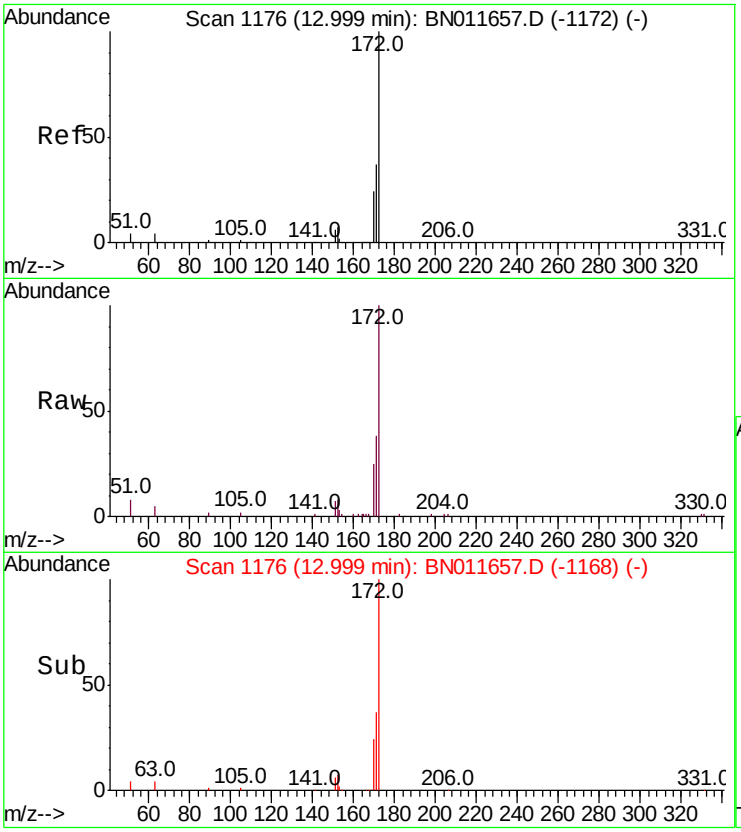


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.88 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:330 Resp: 975

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.3	30.0	45.0



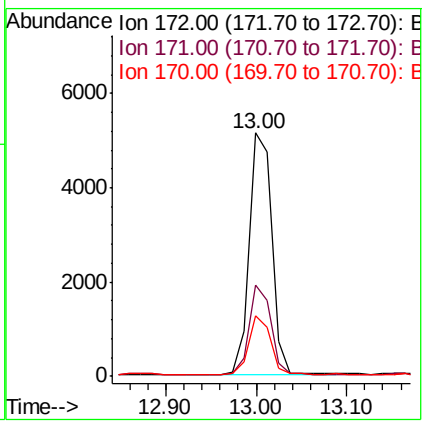


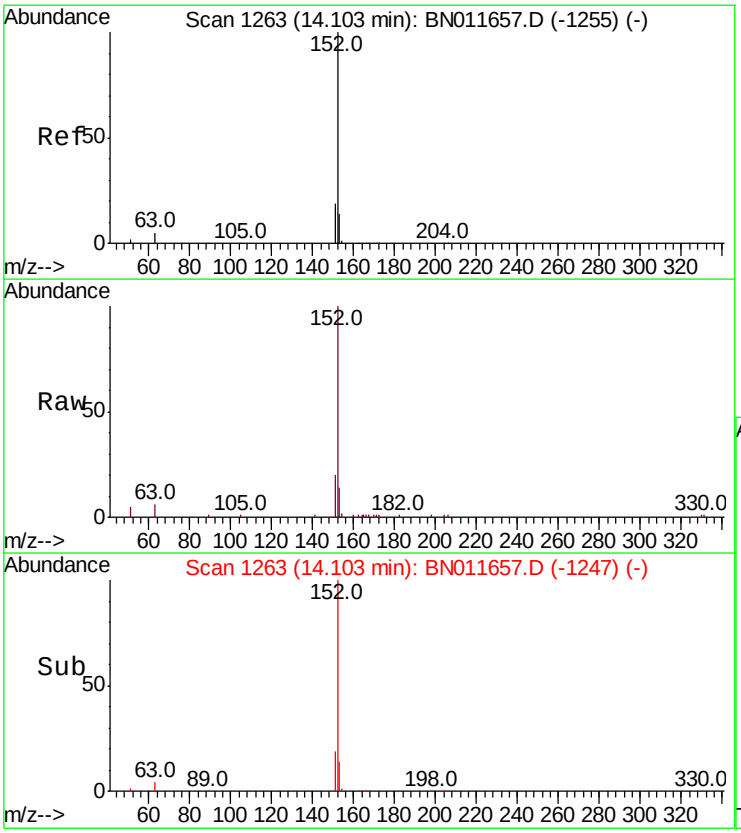
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 8773

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.1	20.1	30.1

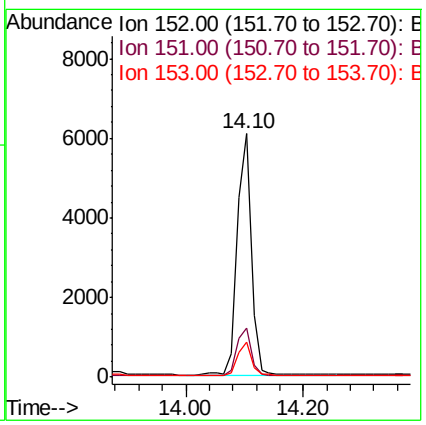


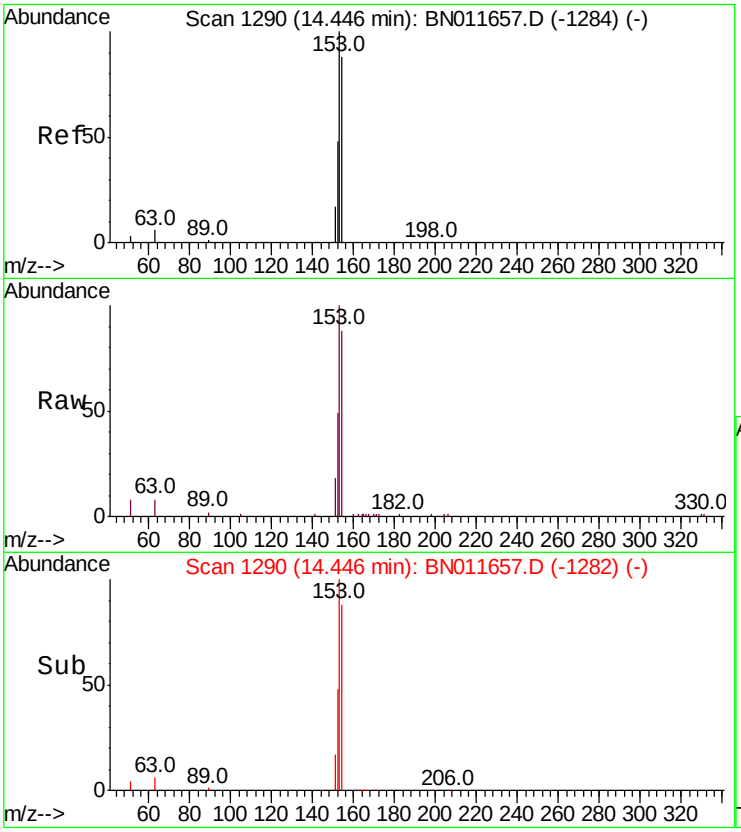


#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:152 Resp: 9845

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.5	15.7



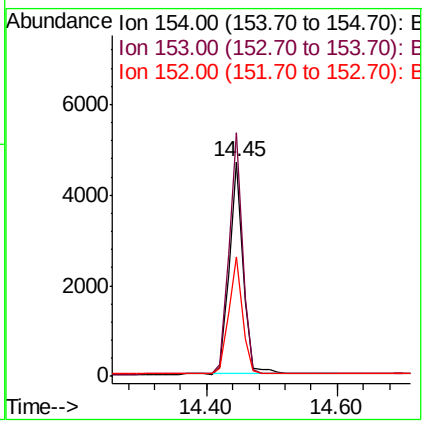


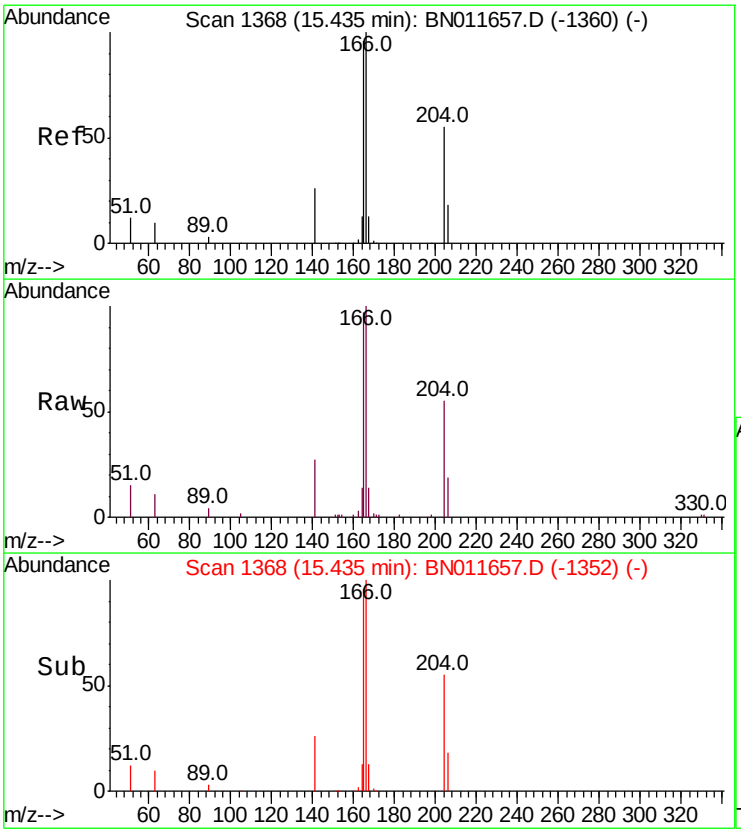
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 6838

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	55.1	44.1	66.1

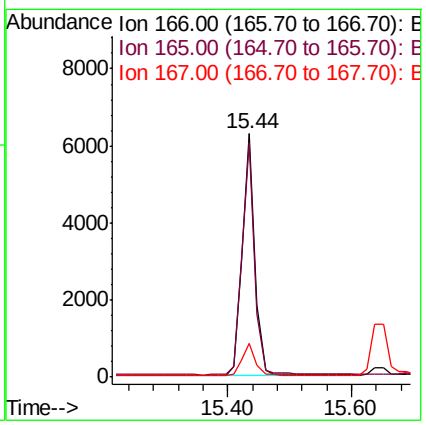


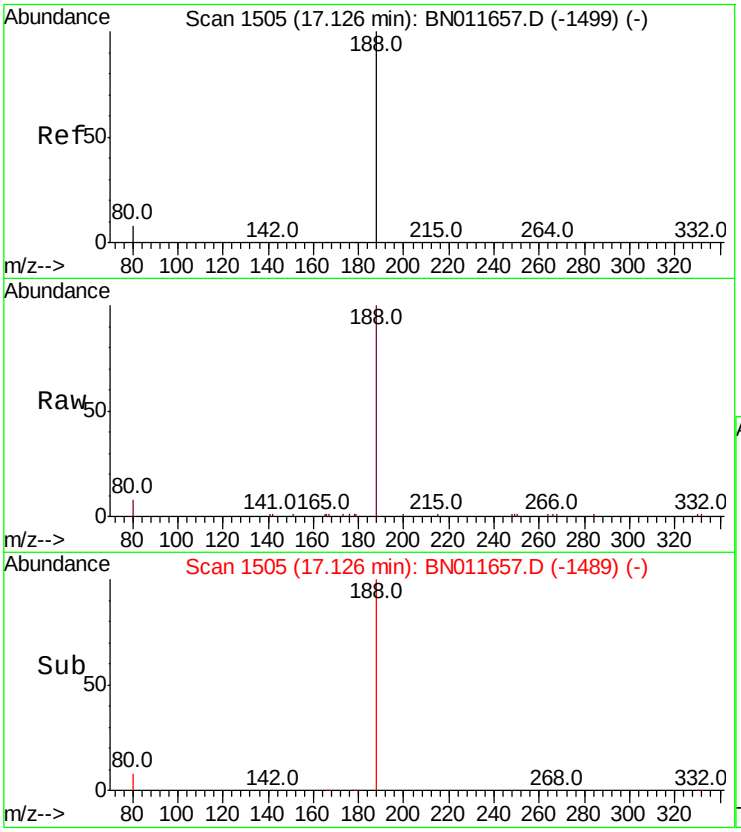


#18
Fluorene
Concen: 0.357 ng
RT: 15.44 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:166 Resp: 8797

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	13.7	11.0	16.4



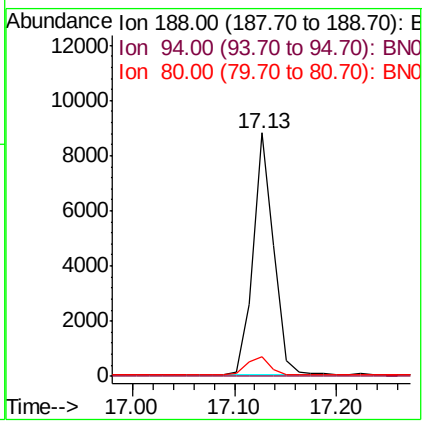


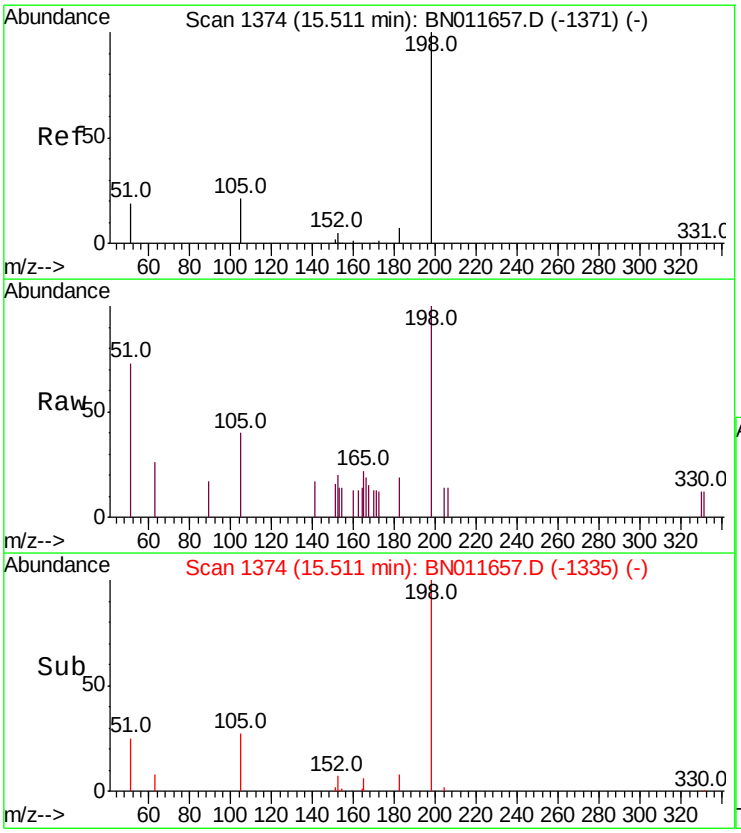
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 12372

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.6	9.8

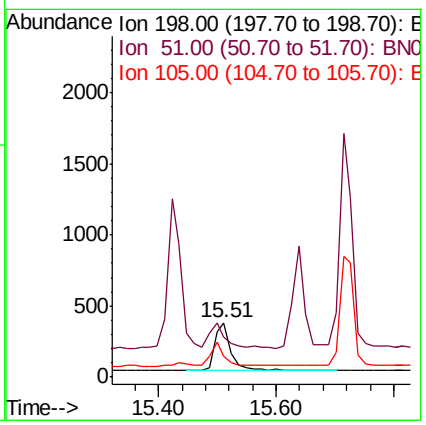


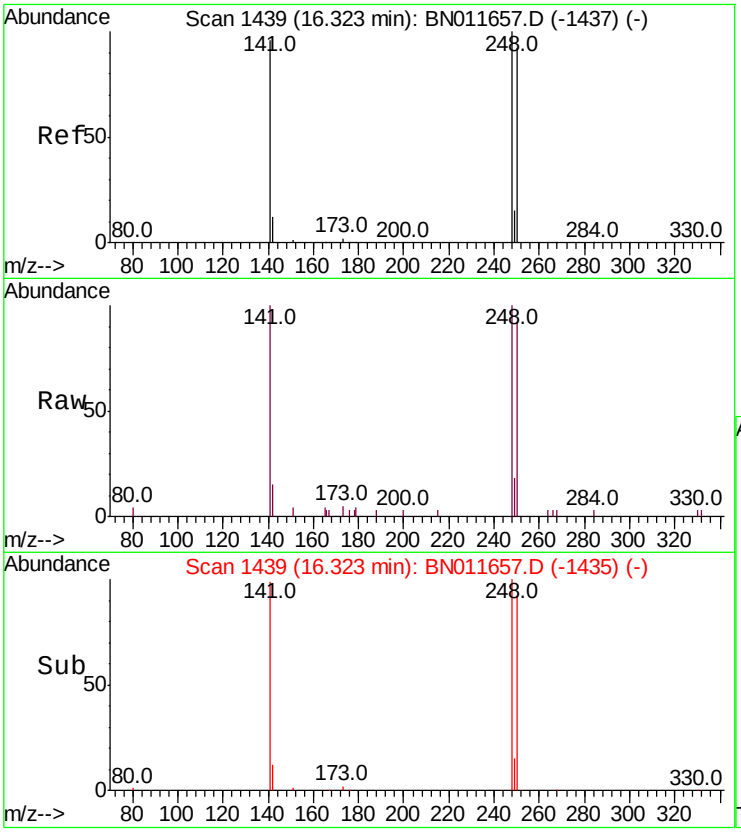


#20
4,6-Dinitro-2-methylphenol
Concen: 0.461 ng
RT: 15.51 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:198 Resp: 657

Ion	Ratio	Lower	Upper
198	100		
51	73.2	58.6	87.8
105	39.6	31.7	47.5



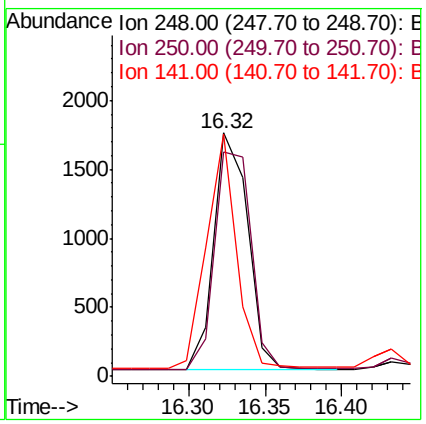


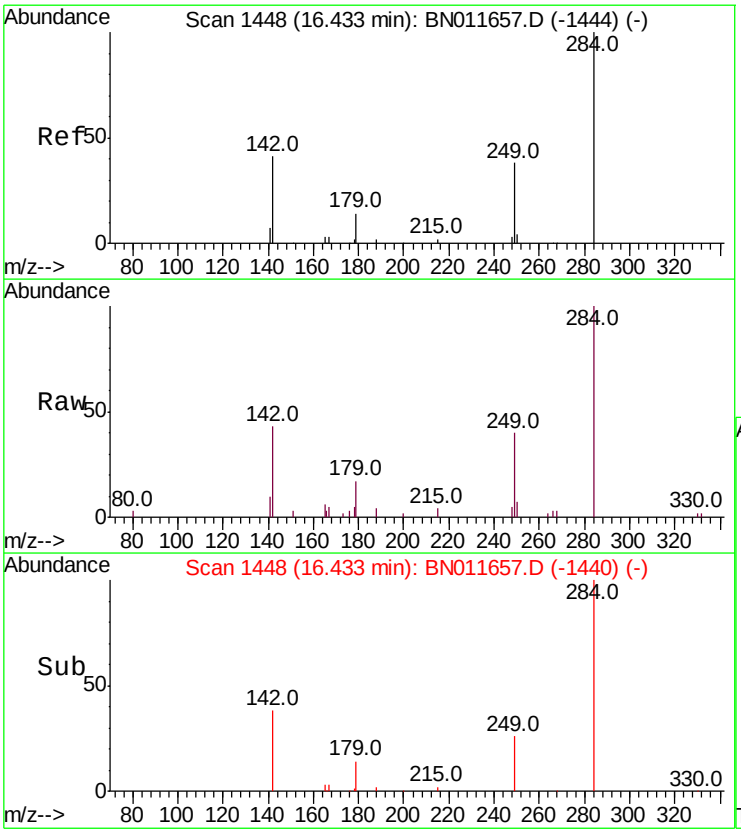
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 2623

Ion	Ratio	Lower	Upper
248	100		
250	92.4	73.9	110.9
141	99.7	79.8	119.6

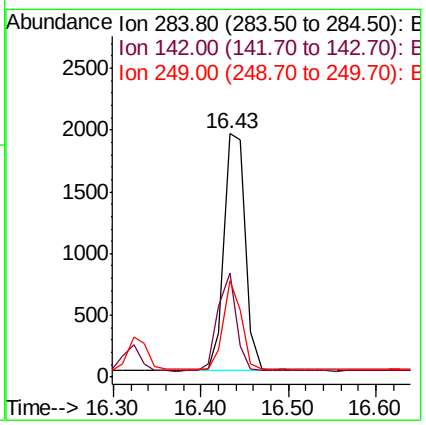


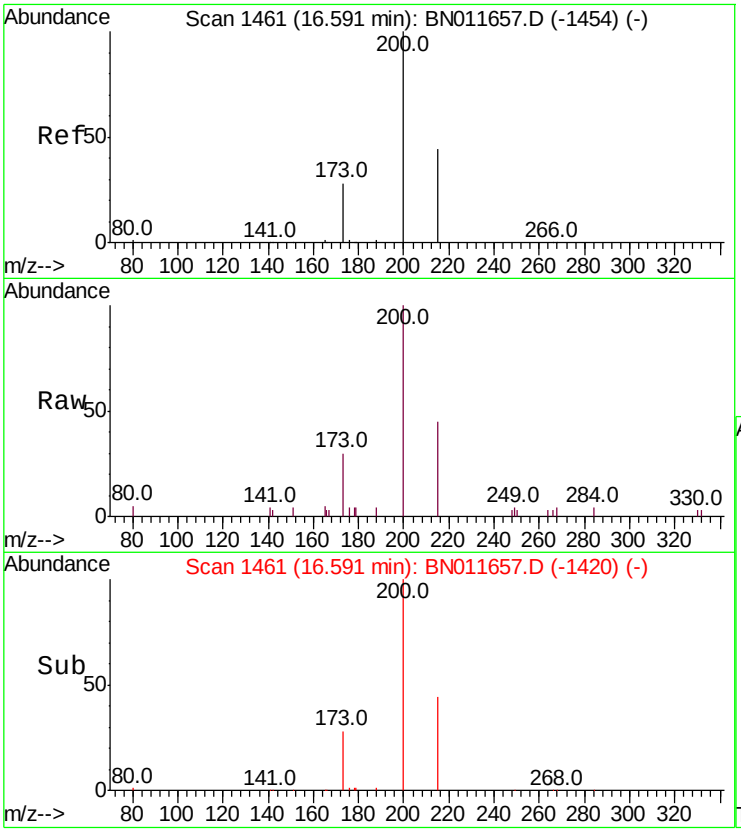


#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:284 Resp: 3246

Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.0	43.4
249	32.1	25.7	38.5



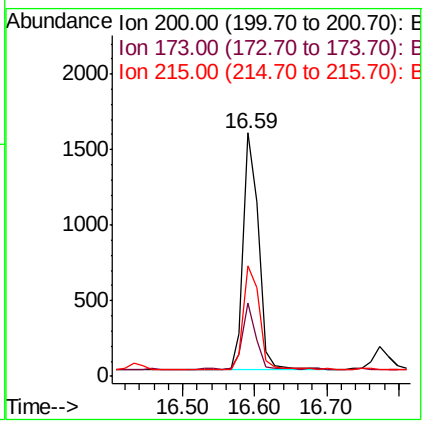


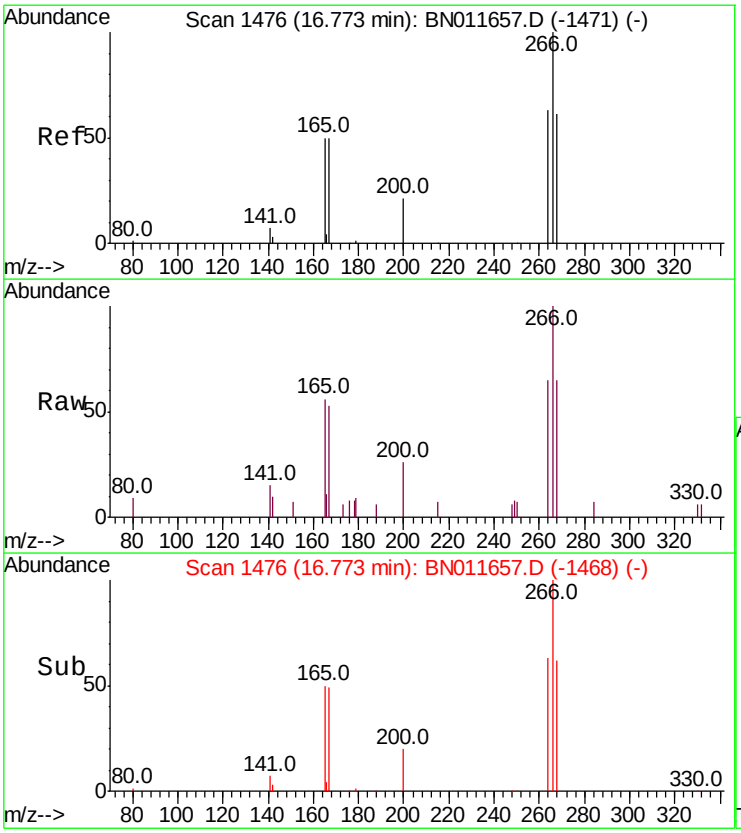
#23
Atrazine
Concen: 0.321 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 2286

Ion	Ratio	Lower	Upper
200	100		
173	30.4	24.3	36.5
215	45.5	36.4	54.6

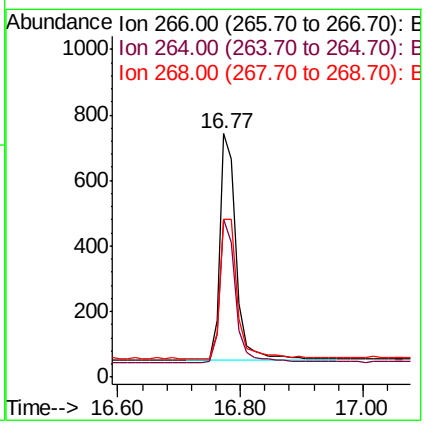


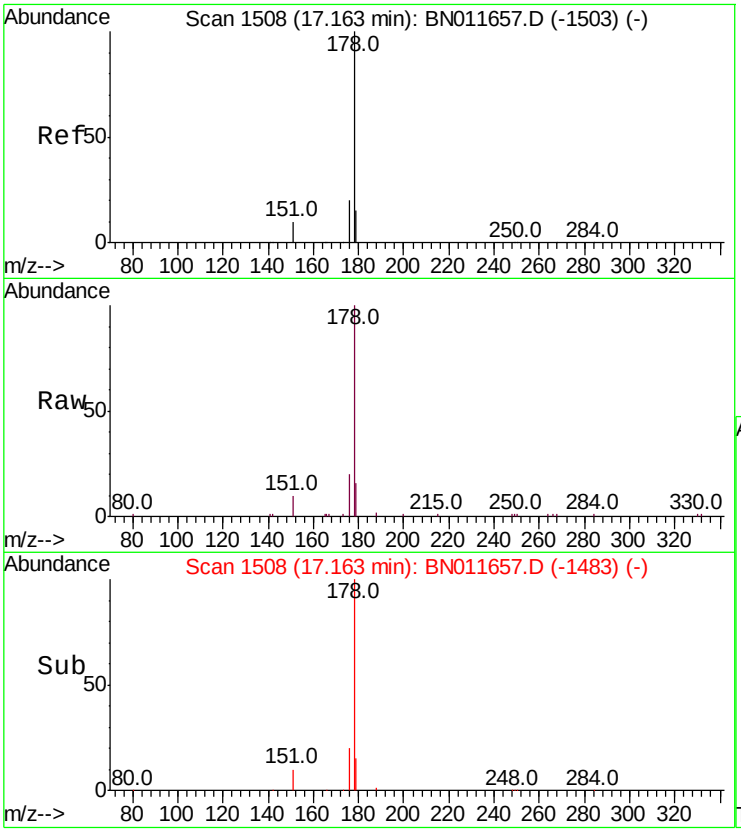


#24
Pentachlorophenol
Concen: 0.353 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:266 Resp: 1299

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.5	74.3
268	66.2	53.0	79.4



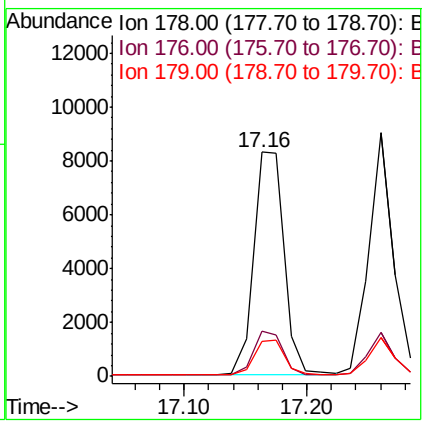


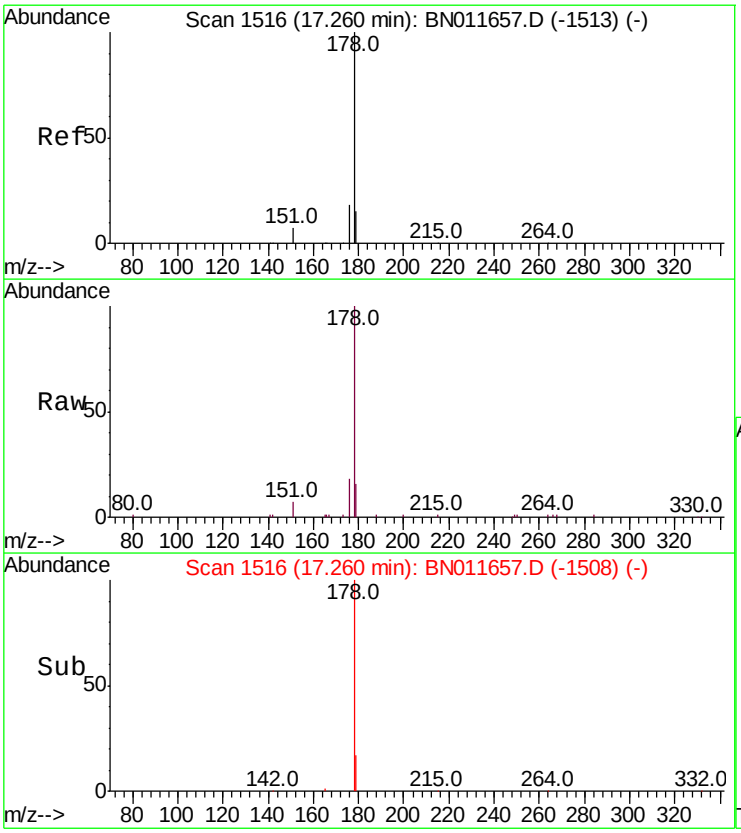
#25
Phenanthrene
Concen: 0.373 ng
RT: 17.16 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 14320

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.4	18.6

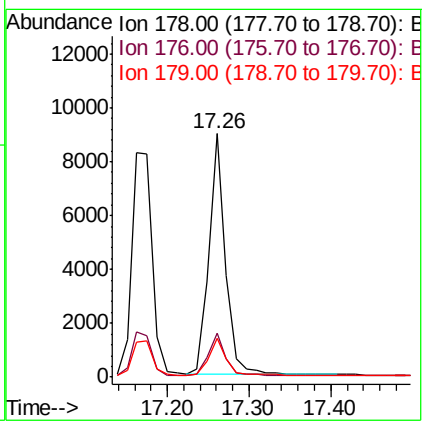


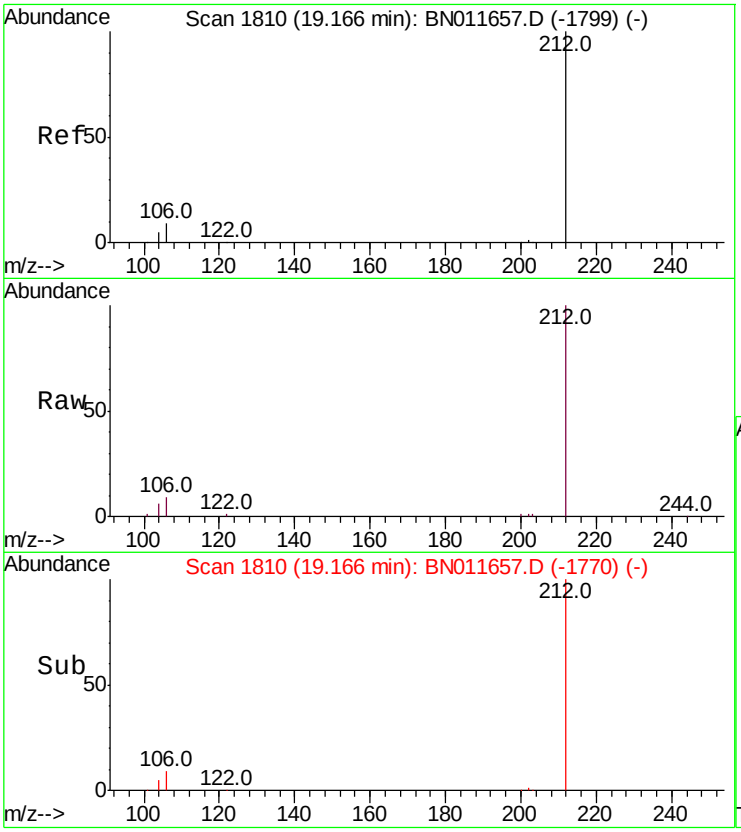


#26
Anthracene
Concen: 0.337 ng
RT: 17.26 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:178 Resp: 12745

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.2	18.4



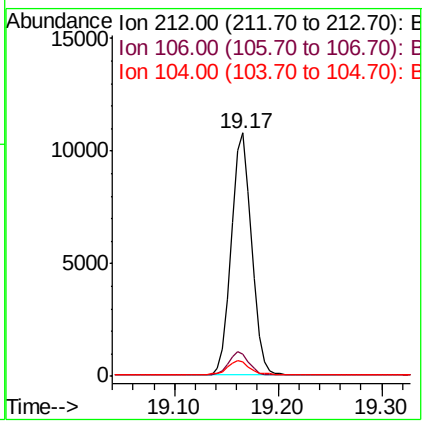


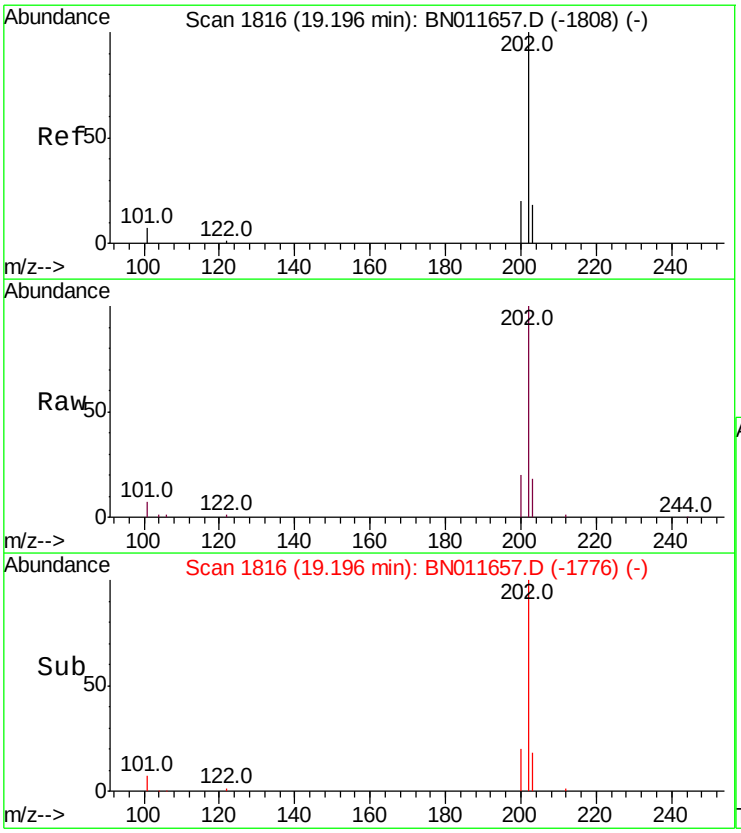
#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.17 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 14274

Ion	Ratio	Lower	Upper
212	100		
106	9.5	7.6	11.4
104	5.7	4.6	6.8

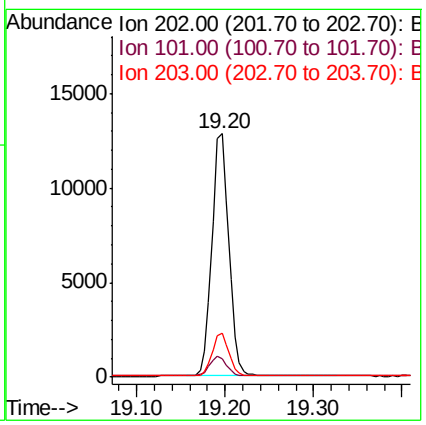


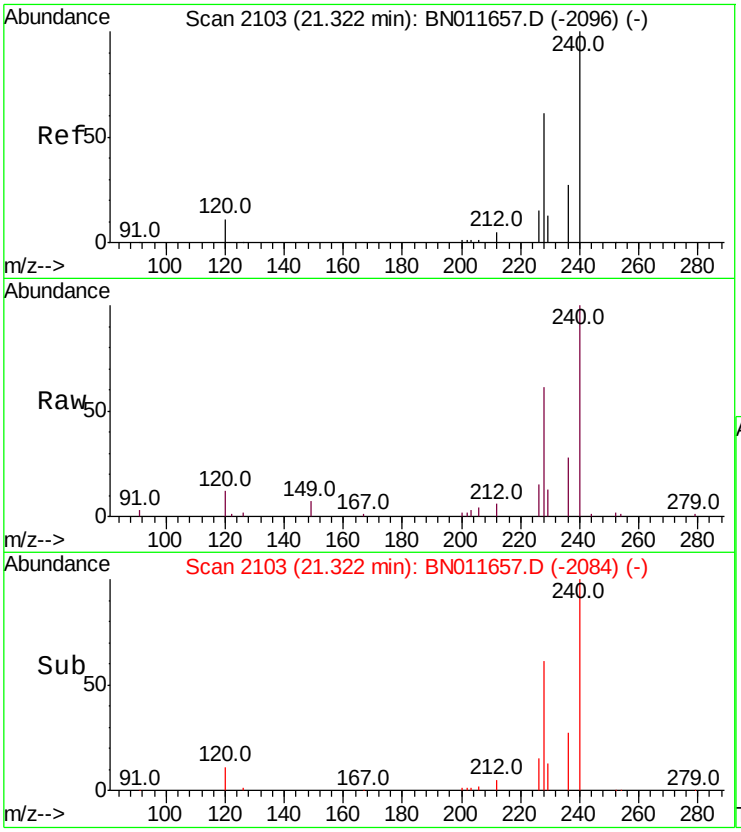


#28
Fluoranthene
Concen: 0.364 ng
RT: 19.20 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:202 Resp: 16951

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.5	9.7
203	17.2	13.8	20.6



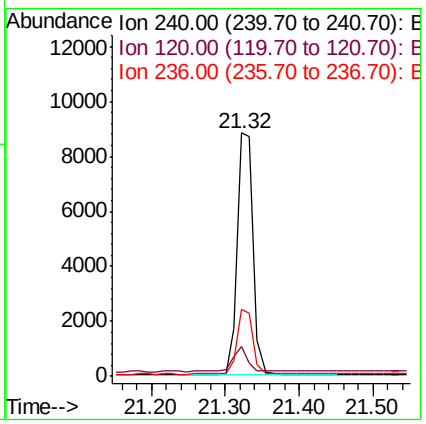


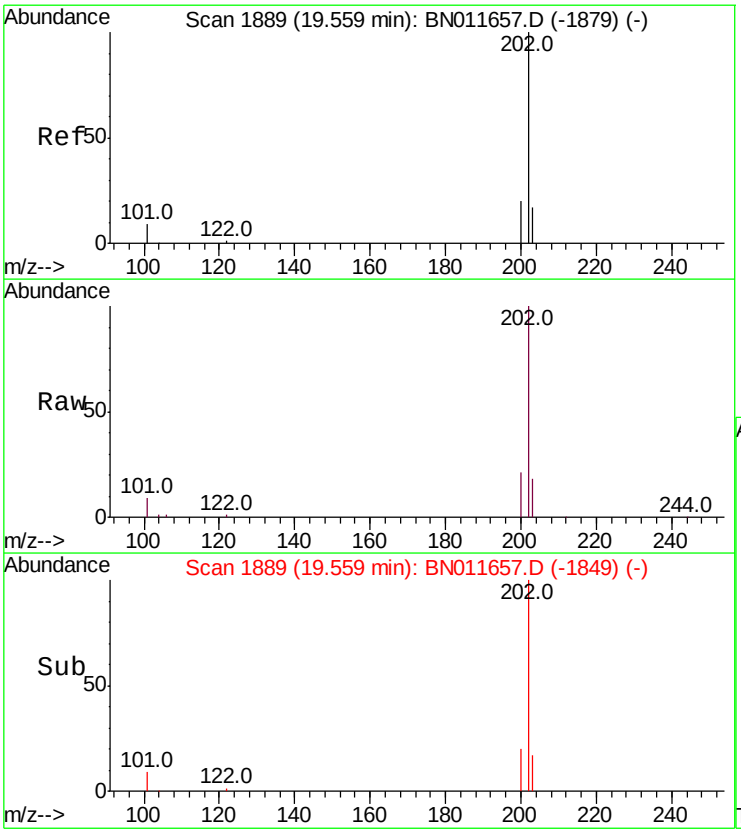
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 13252

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.9	14.9
236	27.8	22.2	33.4

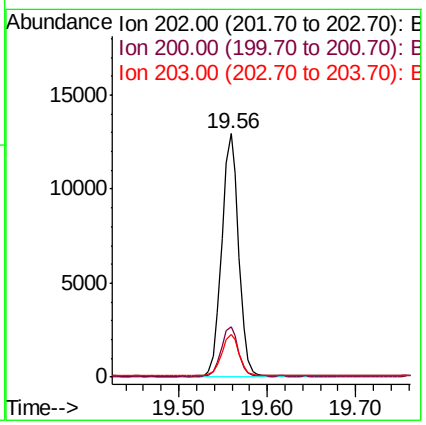


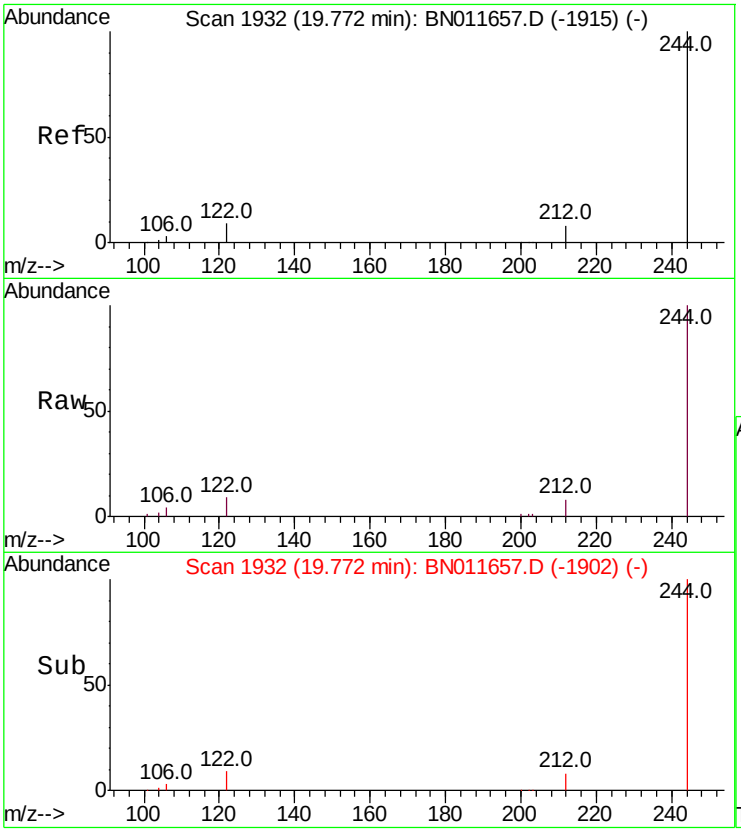


#30
Pyrene
Concen: 0.366 ng
RT: 19.56 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:202 Resp: 17195

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.6	14.1	21.1



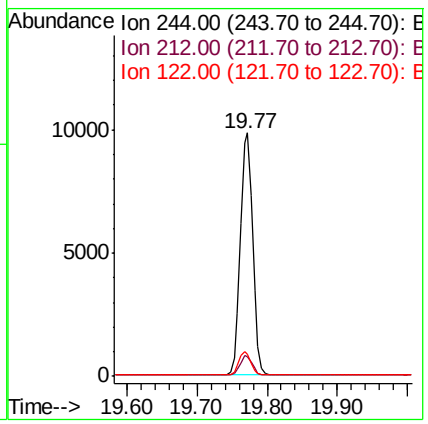


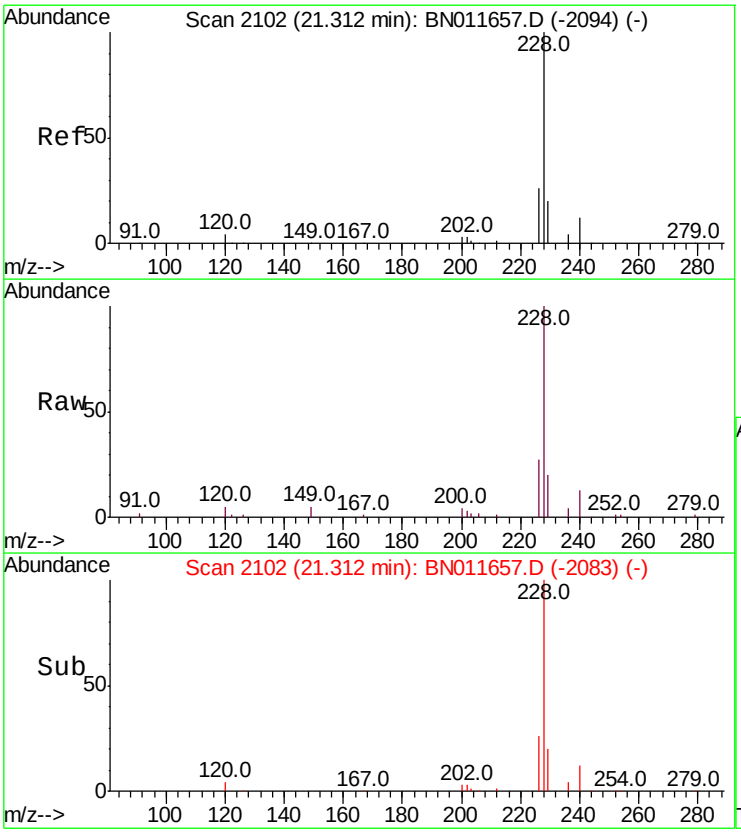
#31
Terphenyl-d14
Concen: 0.364 ng
RT: 19.77 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 12333

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	9.3	7.4	11.2

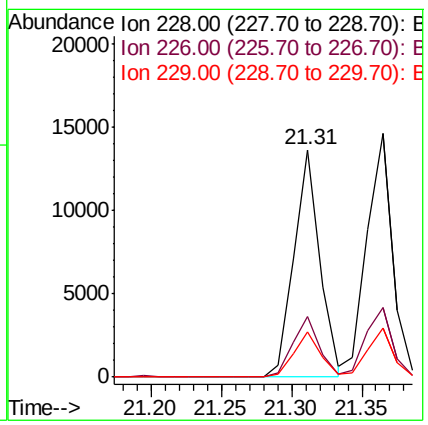


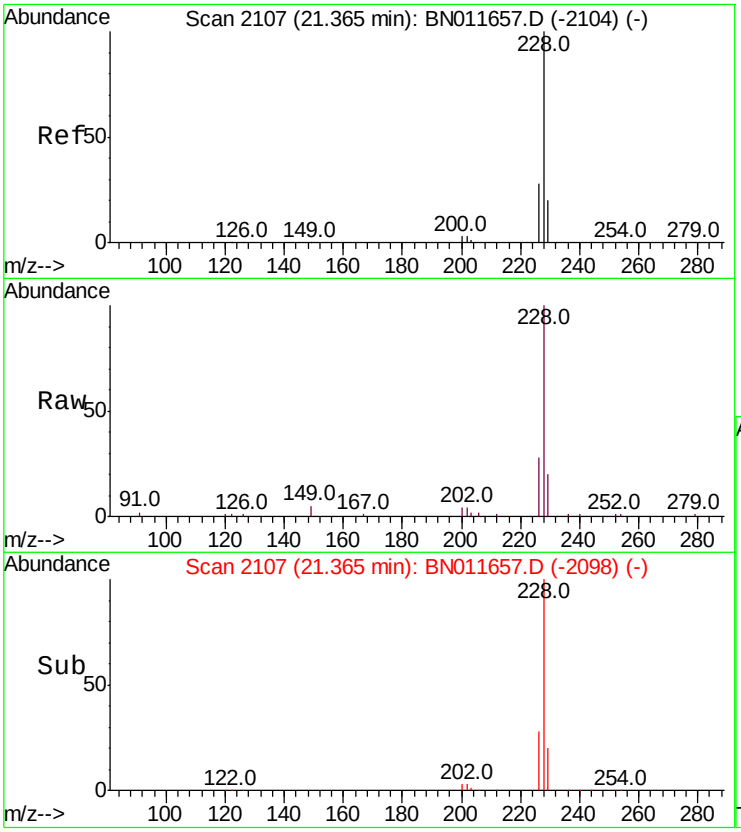


#32
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.31 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:228 Resp: 17380

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	20.0	16.0	24.0



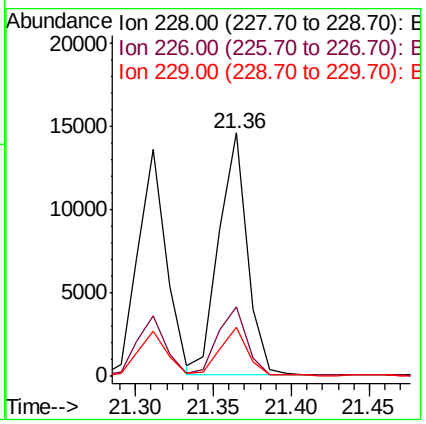


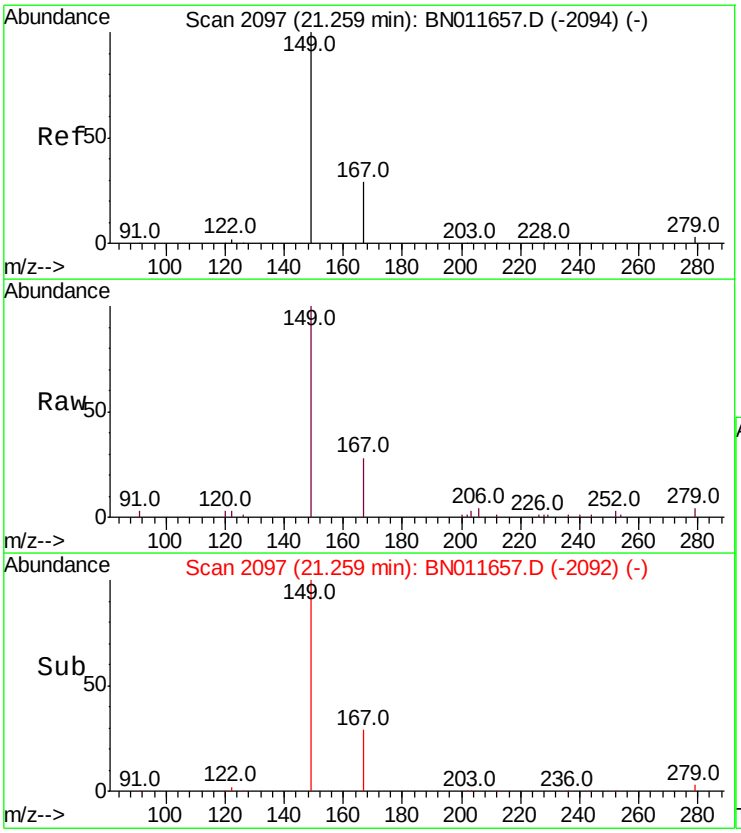
#33
Chrysene
Concen: 0.401 ng
RT: 21.36 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 18288

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	19.9	15.9	23.9

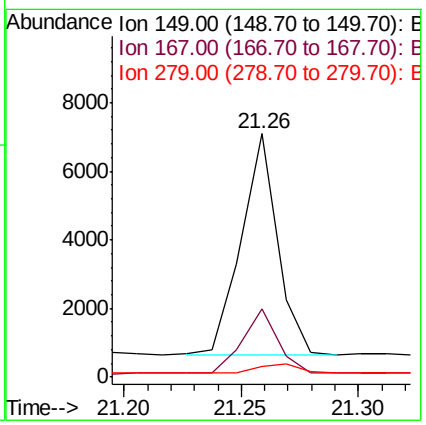


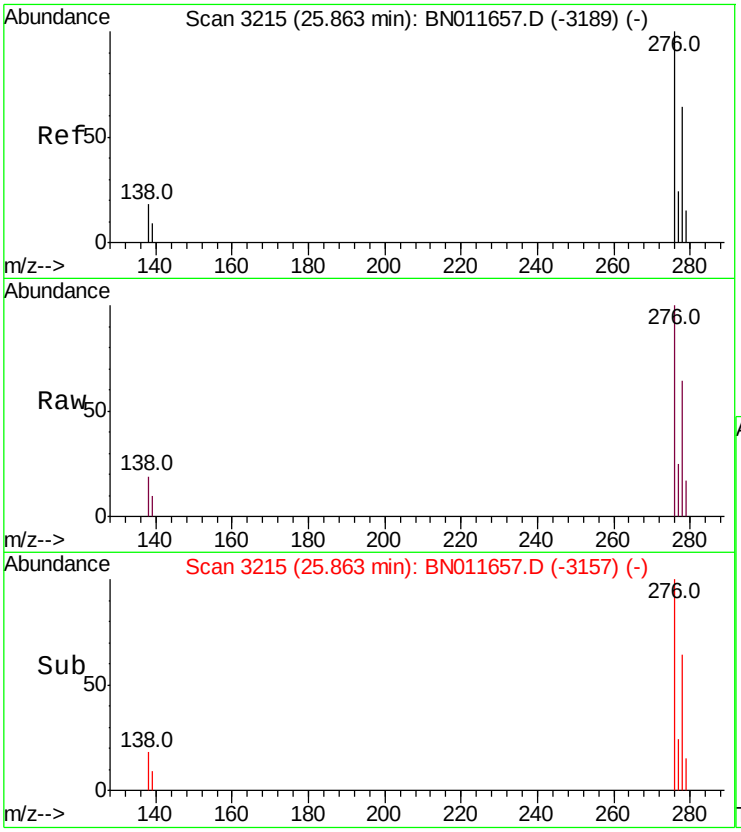


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.204 ng
RT: 21.26 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:149 Resp: 6947

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	5.0	4.0	6.0



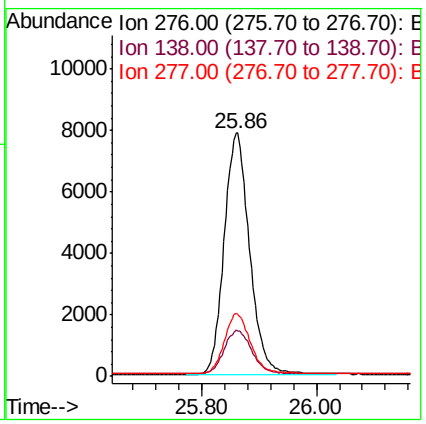


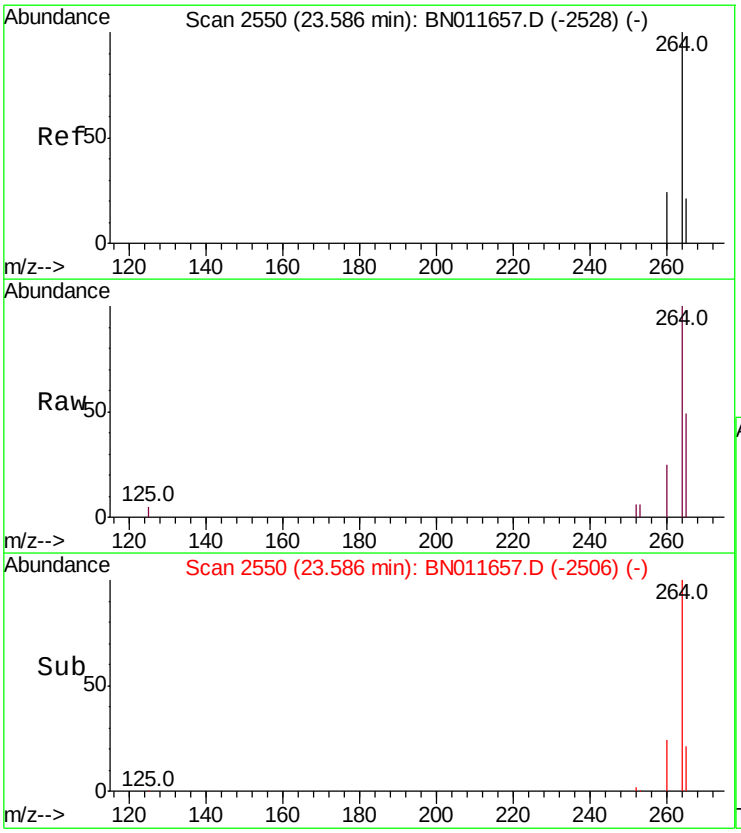
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 25.86 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 24319

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.4	23.2
277	25.1	20.1	30.1

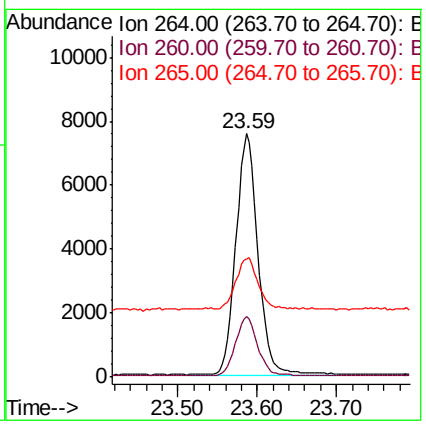


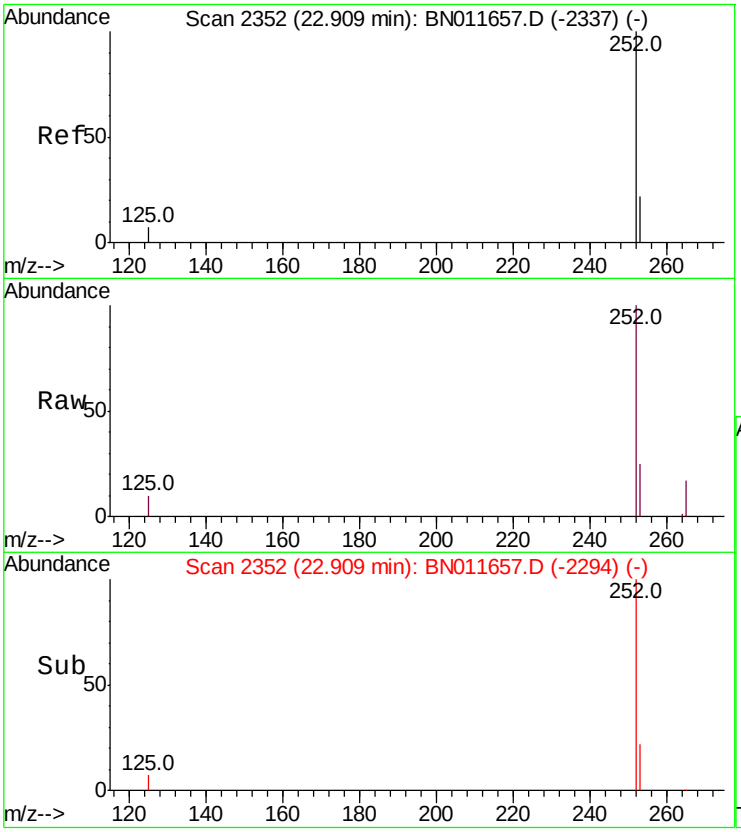


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.59 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:264 Resp: 14672

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	48.6	38.9	58.3



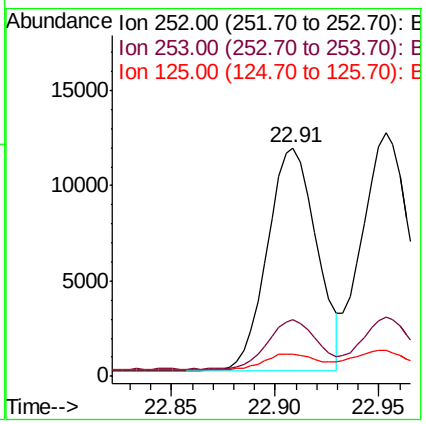


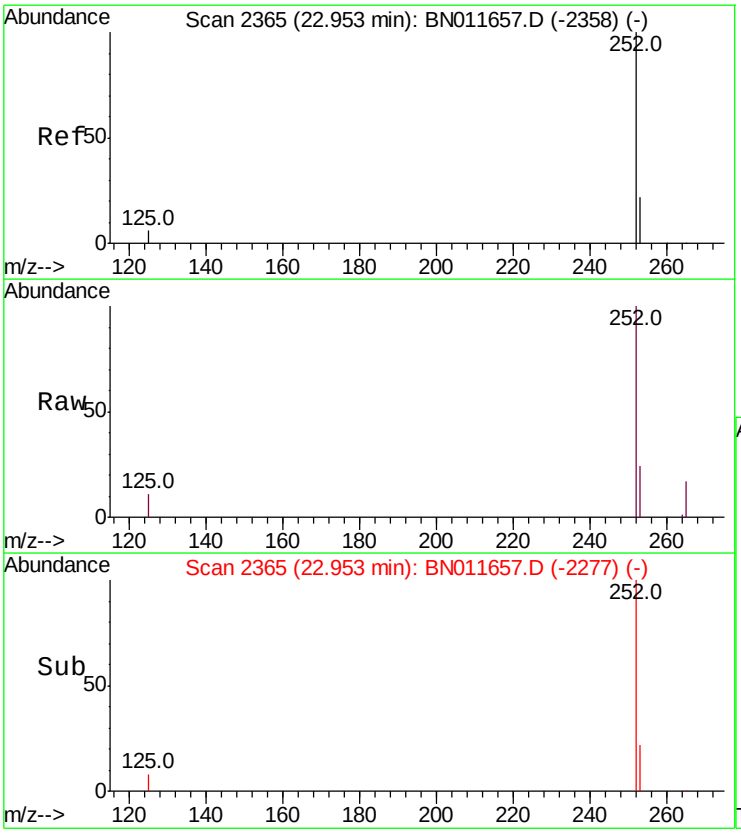
#37
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 22.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 19261

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	9.8	7.8	11.8

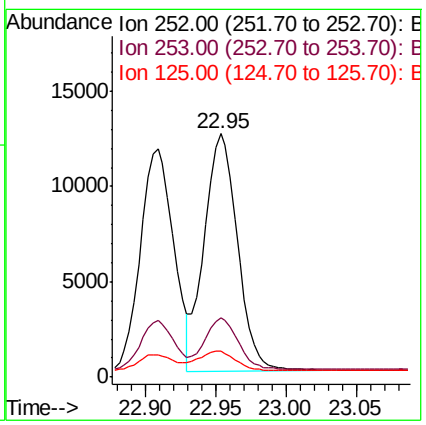


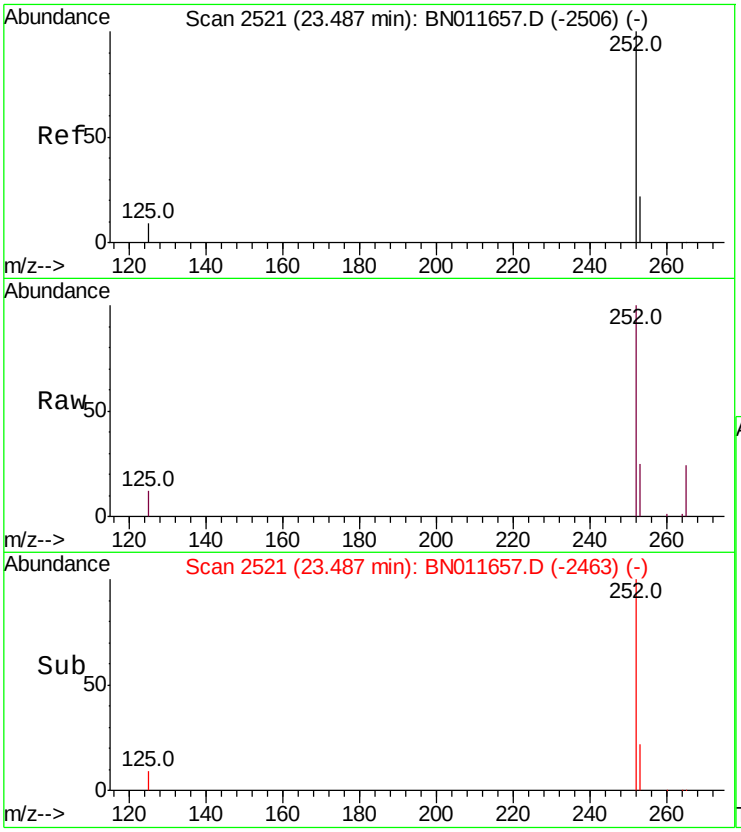


#38
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.95 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:252 Resp: 20517

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.0
125	10.5	8.4	12.6



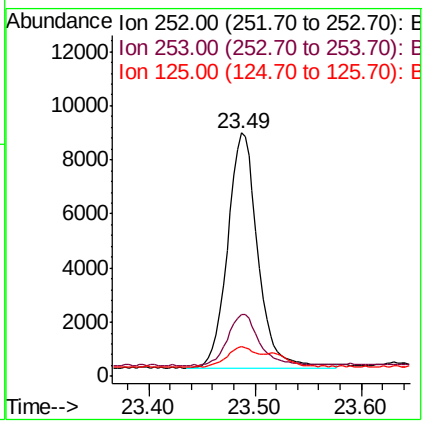


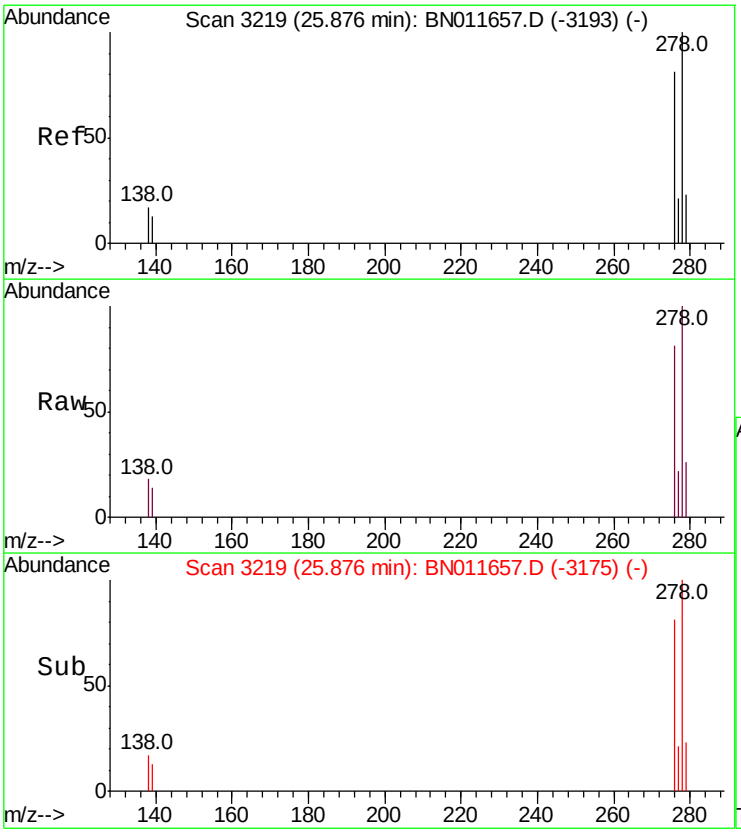
#39
Benzo(a)pyrene
Concen: 0.348 ng
RT: 23.49 min Scan# 2521
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 17249

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.3	30.5
125	12.2	9.8	14.6

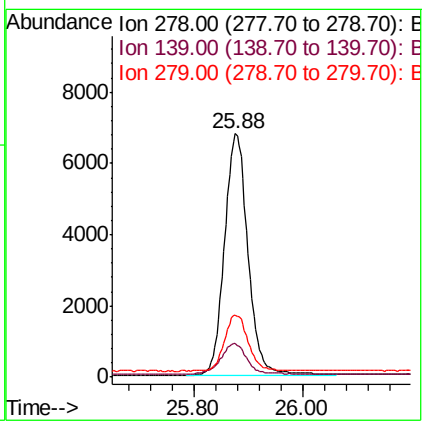


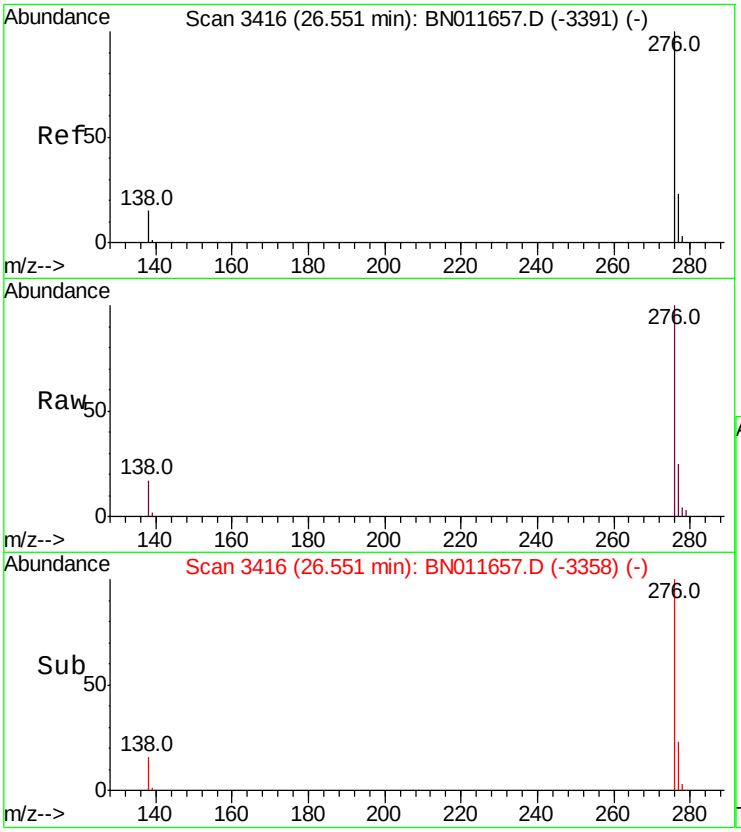


#40
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 25.88 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Tgt Ion:278 Resp: 20146

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.6
279	25.6	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 26.55 min Scan# 3416
Delta R.T. 0.00 min
Lab File: BN011657.D
Acq: 27 Aug 2020 10:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 19462

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	16.8	13.4	20.2