Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011674.D
Acq On : 27 Aug 2020 21:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 28 00:40:39 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 14:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2081	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	7875	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4798	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	10665	0.40	ng		0.00
29) Chrysene-d12	21.32	240	10938	0.40	ng		0.00
36) Perylene-d12	23.58	264	11752	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2175	0.37	ng		0.00
5) Phenol-d6	6.90	99	2932	0.37	ng		0.00
8) Nitrobenzene-d5	8.88	82	2800	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	5120	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	806	0.35	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	7347	0.36	ng		0.00
27) Fluoranthene-d10	19.16	212	11932	0.35	ng		0.00
31) Terphenyl-d14	19.77	244	10453	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1282	0.383	ng		94
3) n-Nitrosodimethylamine	3.59	42	1534	0.397	ng	#	96
6) bis(2-Chloroethyl)ether	7.17	93	2417	0.372	ng		100
9) Naphthalene	10.58	128	8242	0.366	ng		99
10) Hexachlorobutadiene	10.87	225	1877	0.379	ng	#	98
12) 2-Methylnaphthalene	12.19	142	5794	0.361	ng		97
16) Acenaphthylene	14.10	152	8163	0.349	ng		100
17) Acenaphthene	14.45	154	5794	0.359	ng		99
18) Fluorene	15.44	166	7286	0.352	ng		99
20) 4,6-Dinitro-2-methylphenol	15.50	198	592	0.360	ng	#	59
21) 4-Bromophenyl-phenylether	16.32	248	2232	0.357	ng		89
22) Hexachlorobenzene	16.43	284	2803	0.364	ng		100
23) Atrazine	16.59	200	1881	0.343	ng		97
24) Pentachlorophenol	16.77	266	1070	0.349	ng		98
25) Phenanthrene	17.16	178	12303	0.357	ng		100
26) Anthracene	17.26	178	10552	0.345	ng		99
28) Fluoranthene	19.19	202	14414	0.353	ng		100
30) Pyrene	19.55	202	14554	0.383	ng		100
32) Benzo(a)anthracene	21.30	228	14292	0.366	ng		99
33) Chrysene	21.35	228	15123	0.375	ng		98
34) Bis(2-ethylhexyl)phthalate	21.25	149	5600	0.353	ng		99
35) Indeno(1,2,3-cd)pyrene	25.85	276	19309	0.368	ng		100
37) Benzo(b)fluoranthene	22.90	252	15630	0.347	ng		100
38) Benzo(k)fluoranthene	22.94	252	16363	0.355	ng		99
39) Benzo(a)pyrene	23.48	252	13724	0.341	ng		98
40) Dibenzo(a,h)anthracene	25.86	278	15818	0.348	ng		98
41) Benzo(g,h,i)perylene	26.54	276	15254	0.342	ng		99

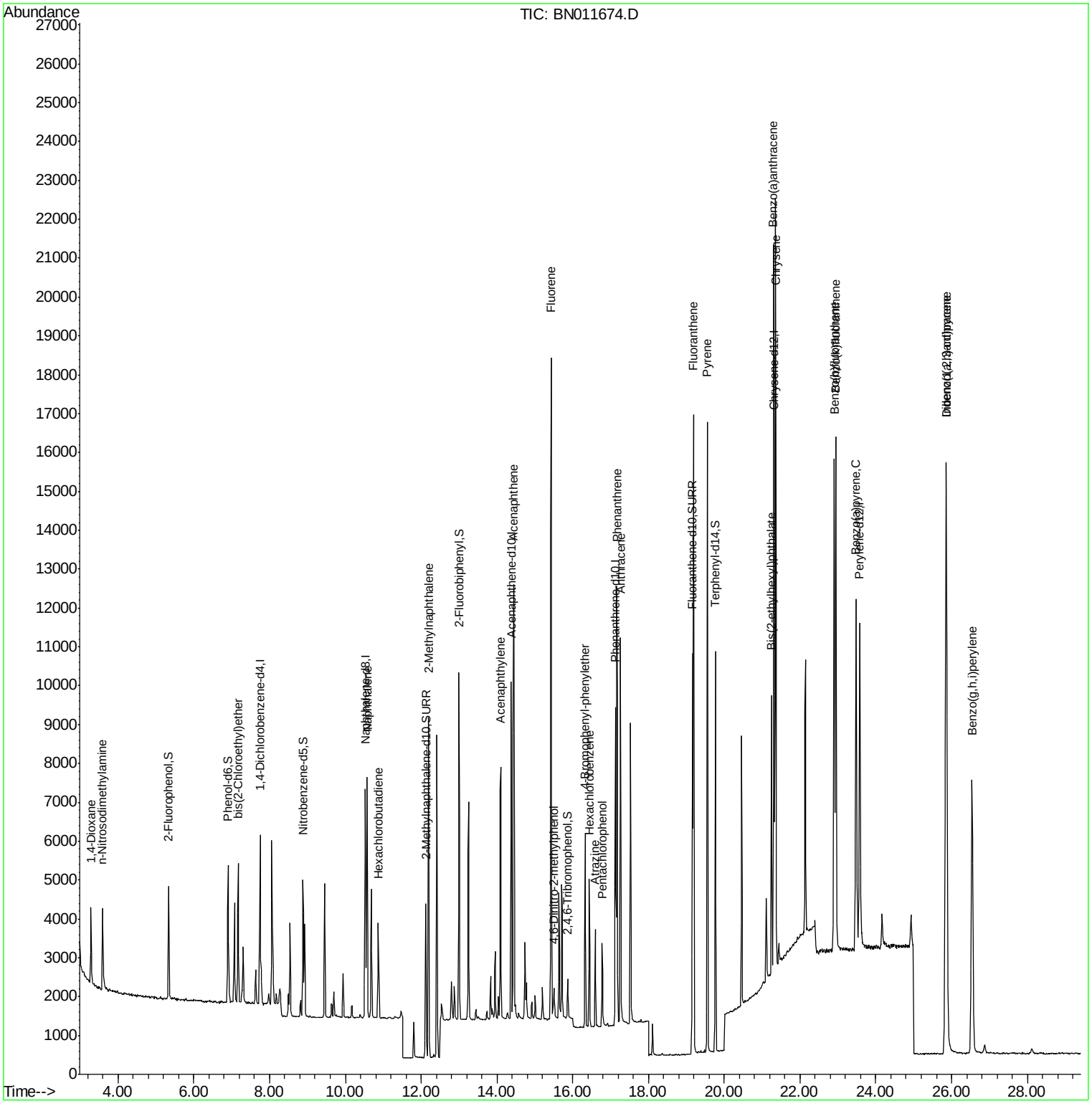
(#) = qualifier out of range (m) = manual integration (+) = signals summed

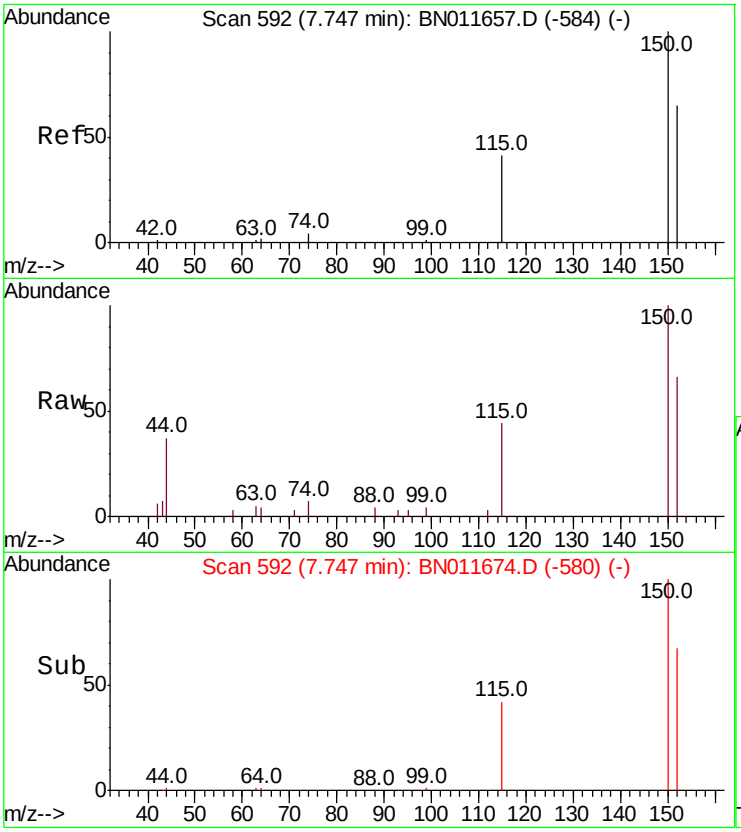
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011674.D
Acq On : 27 Aug 2020 21:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 28 00:40:39 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 14:34:48 2020
Response via : Initial Calibration



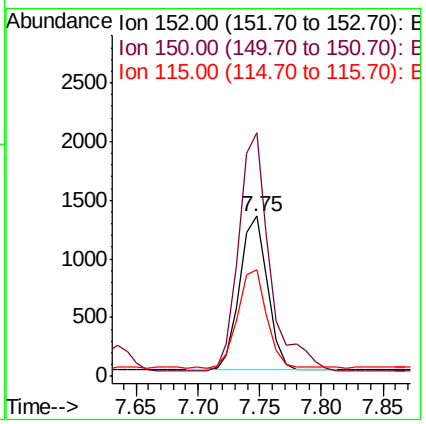


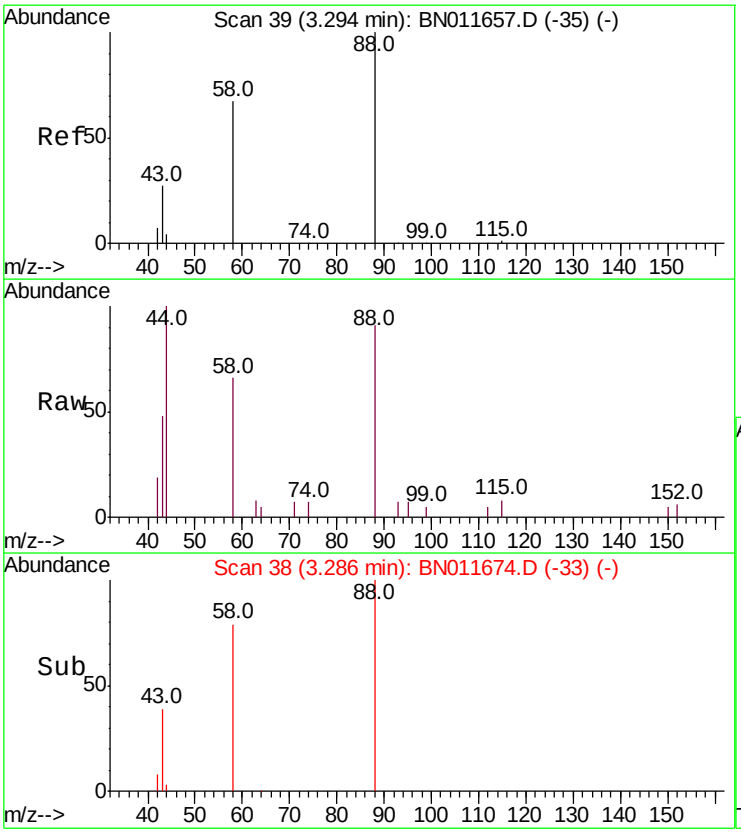
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2081

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.0	181.6
115	66.2	52.6	78.8

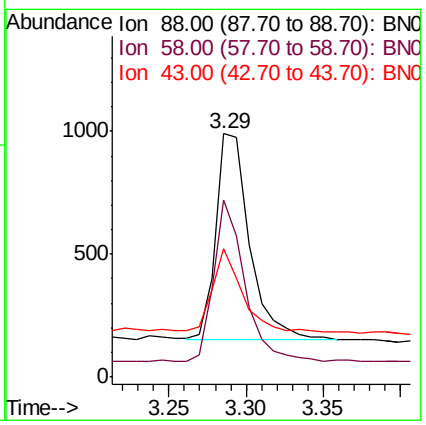


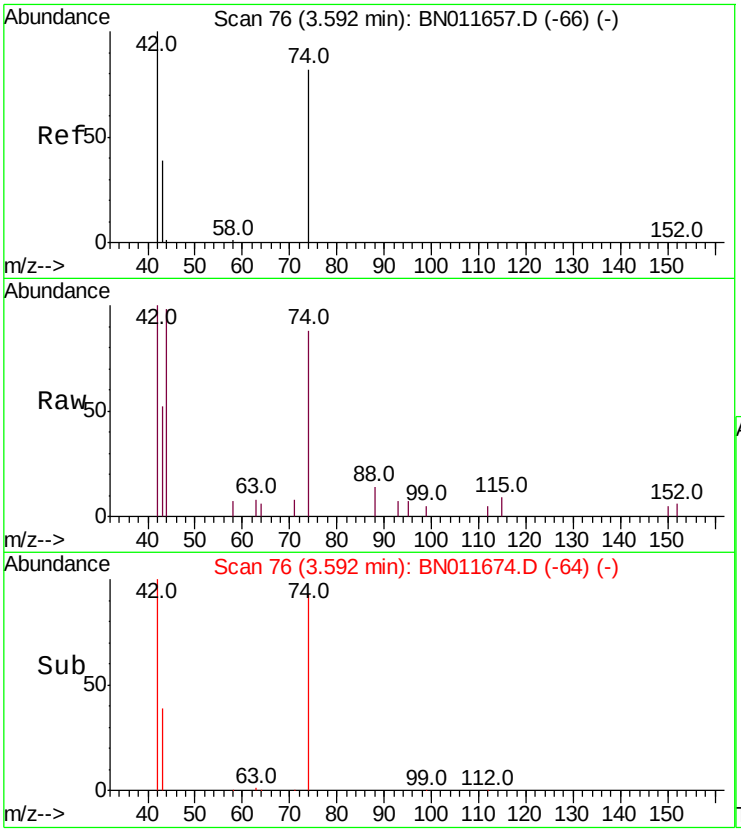


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion: 88 Resp: 1282

Ion	Ratio	Lower	Upper
88	100		
58	70.5	61.4	92.0
43	35.9	29.8	44.8



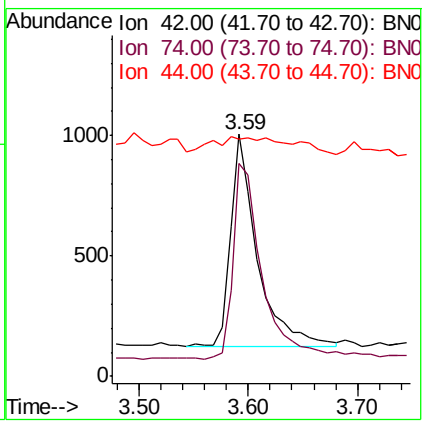


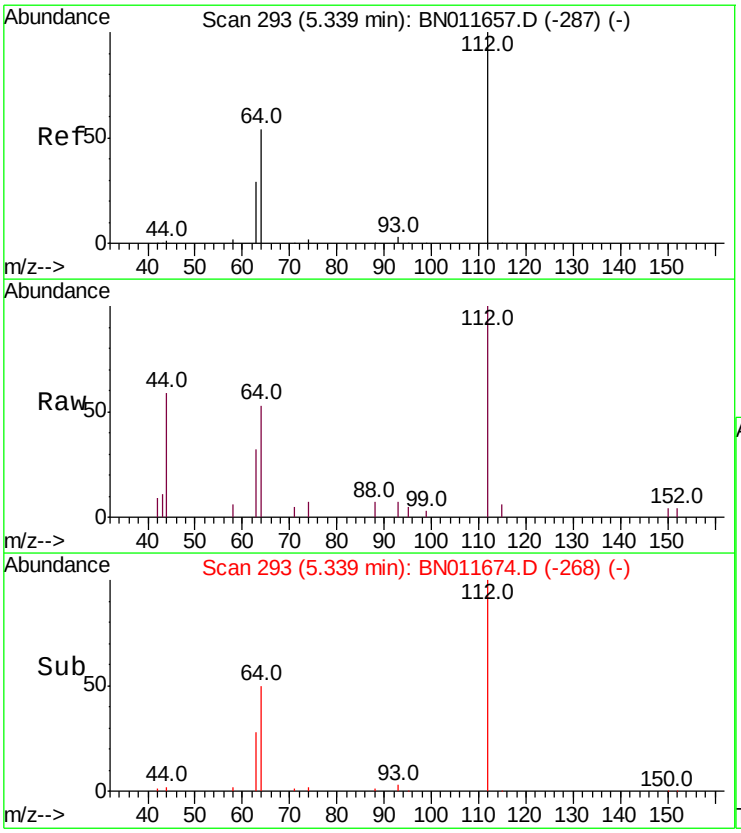
#3
n-Nitrosodimethylamine
Concen: 0.397 ng
RT: 3.59 min Scan# 76
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1534

Ion	Ratio	Lower	Upper
42	100		
74	99.3	79.0	118.6
44	23.4	8.1	12.1#

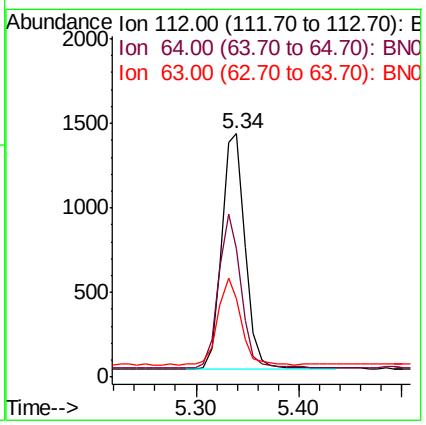


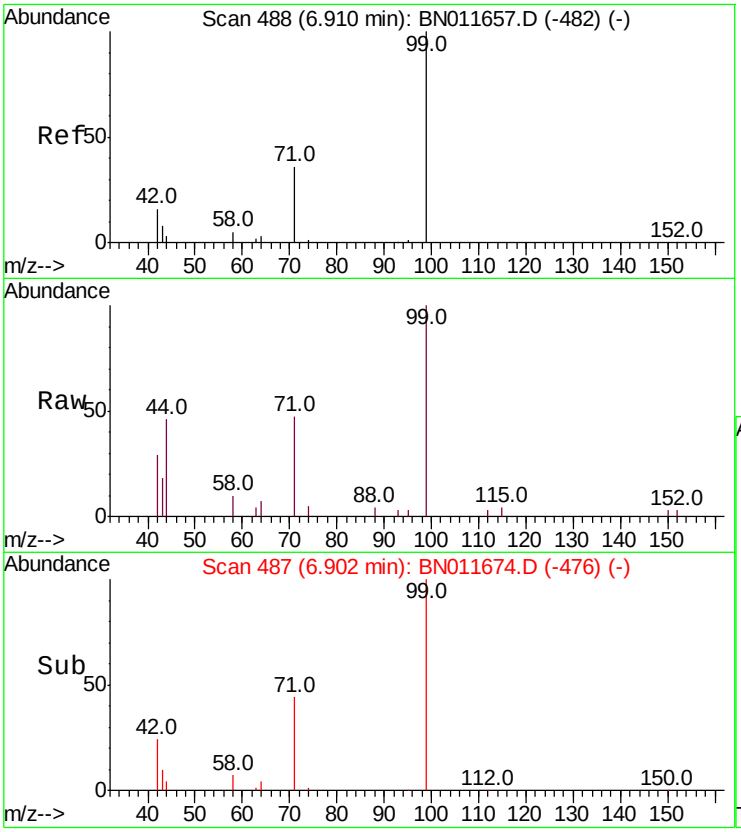


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:112 Resp: 2175

Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.7	74.5
63	35.9	29.4	44.0



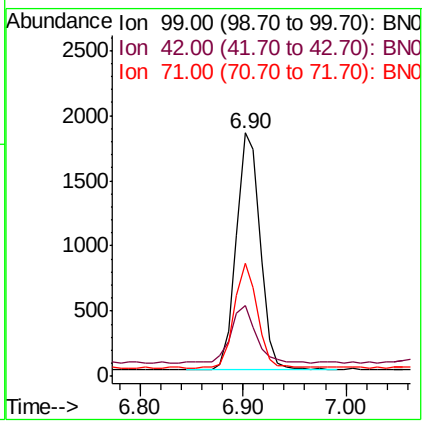


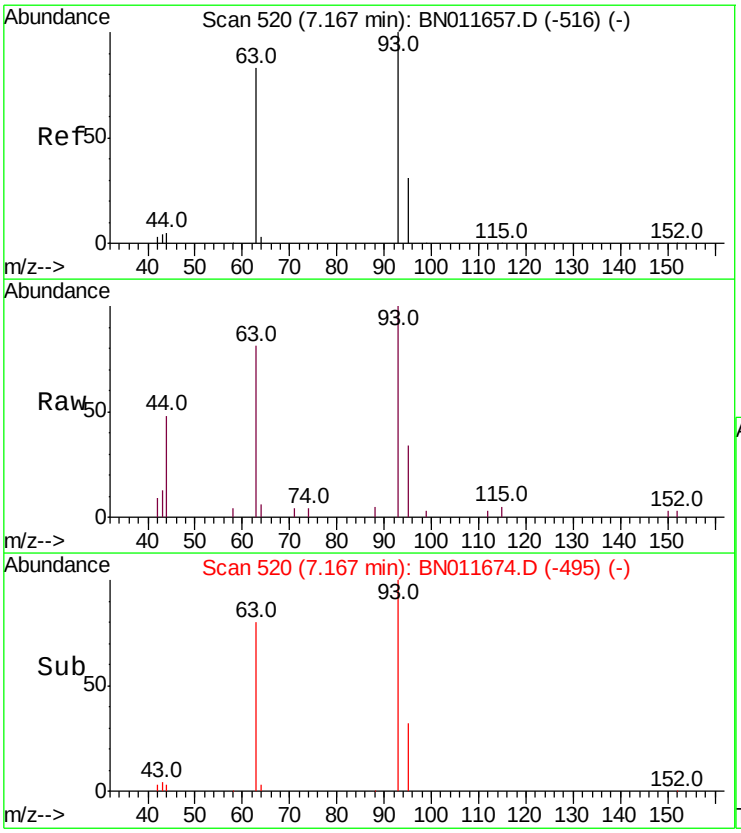
#5
Phenol-d6
Concen: 0.367 ng
RT: 6.90 min Scan# 487
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2932

Ion	Ratio	Lower	Upper
99	100		
42	24.6	20.2	30.2
71	43.2	33.3	49.9

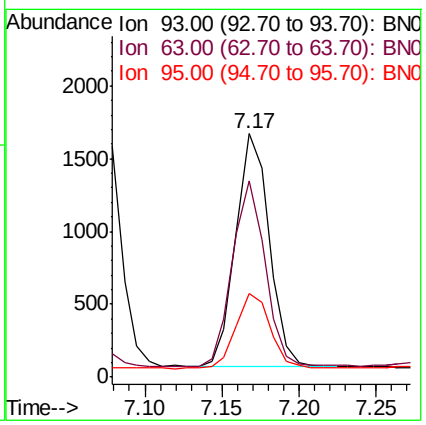


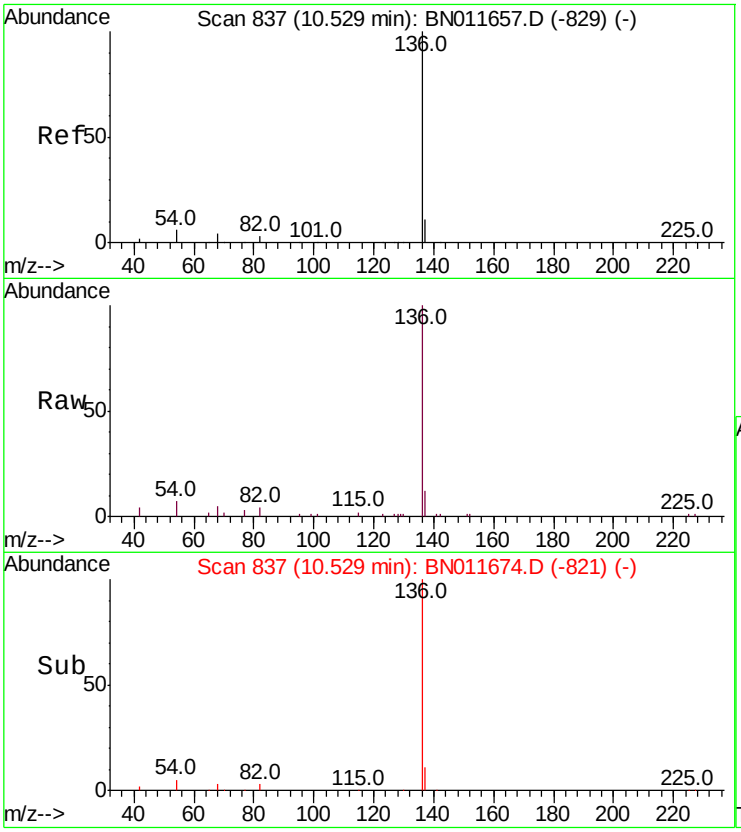


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.17 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion: 93 Resp: 2417

Ion	Ratio	Lower	Upper
93	100		
63	78.2	62.2	93.4
95	33.2	26.6	39.8



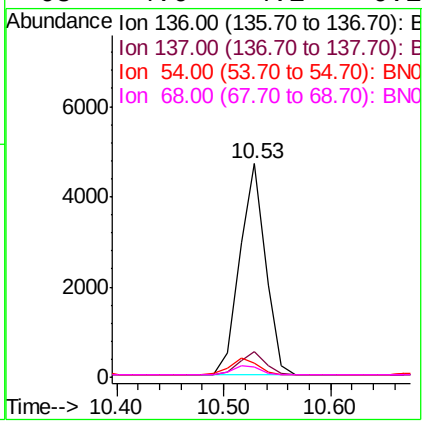


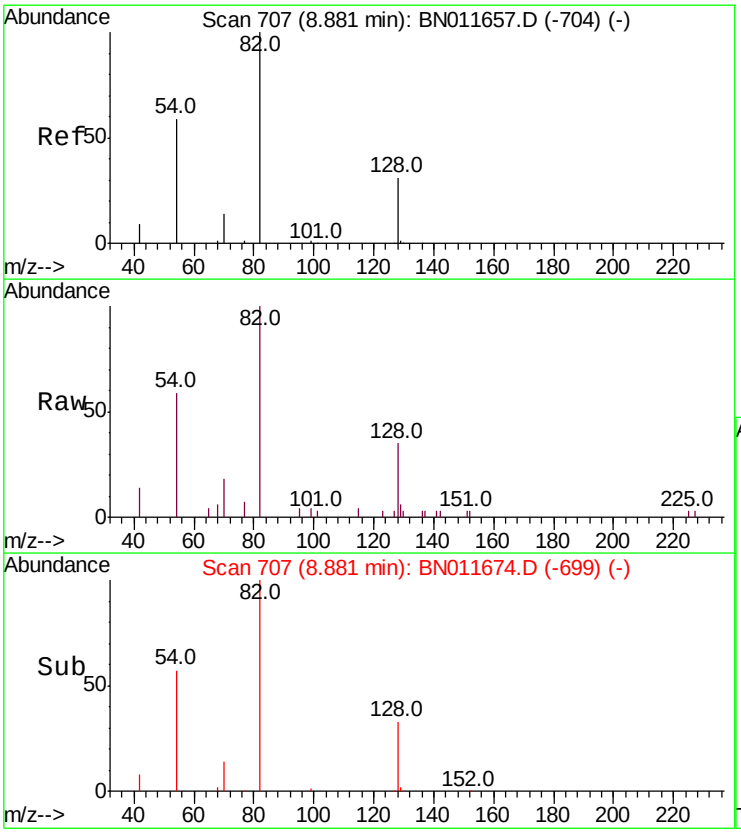
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7875

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	6.8	5.8	8.8
68	4.6	4.1	6.1

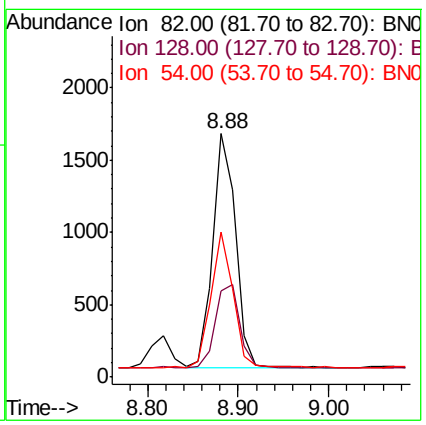


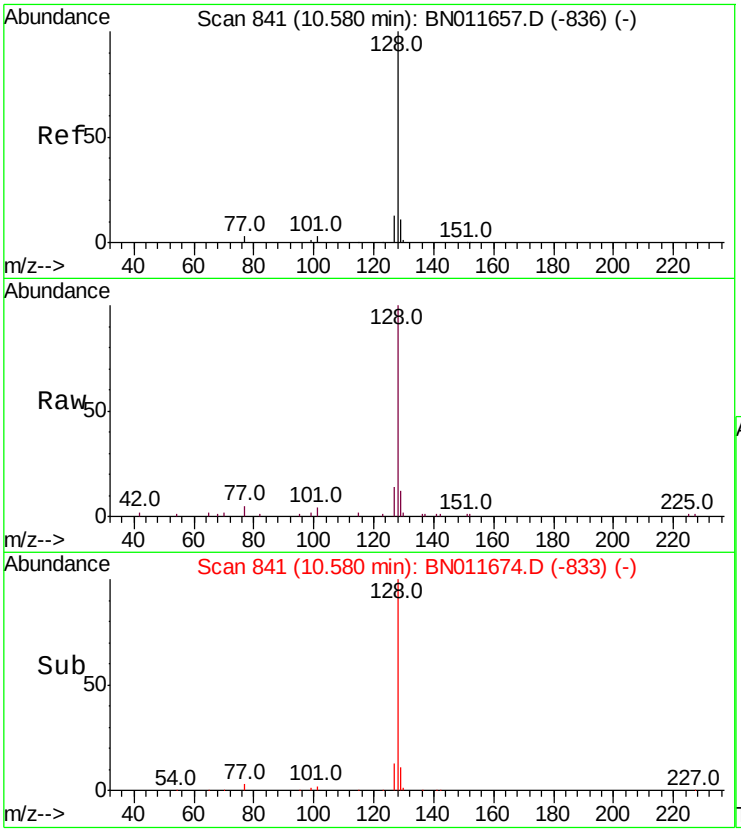


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.88 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion: 82 Resp: 2800

Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.2	39.2
54	59.3	48.2	72.4



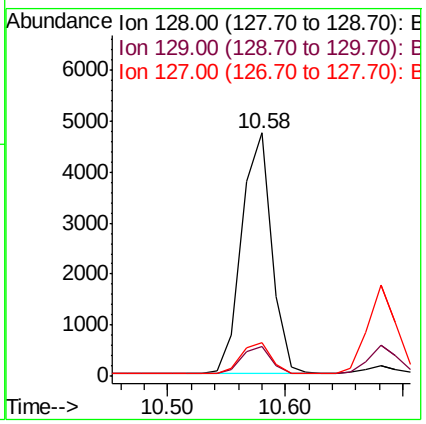


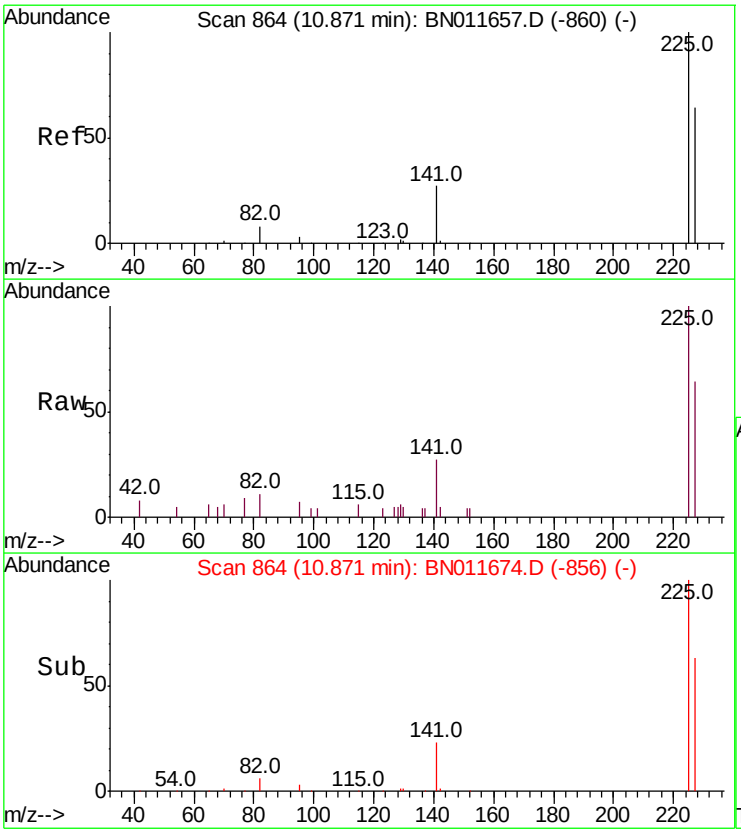
#9
Naphthalene
Concen: 0.366 ng
RT: 10.58 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 8242

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	13.9	10.8	16.2

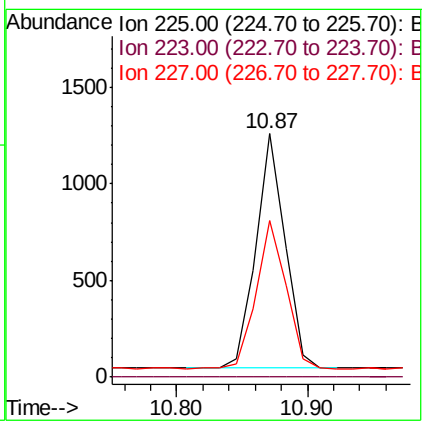


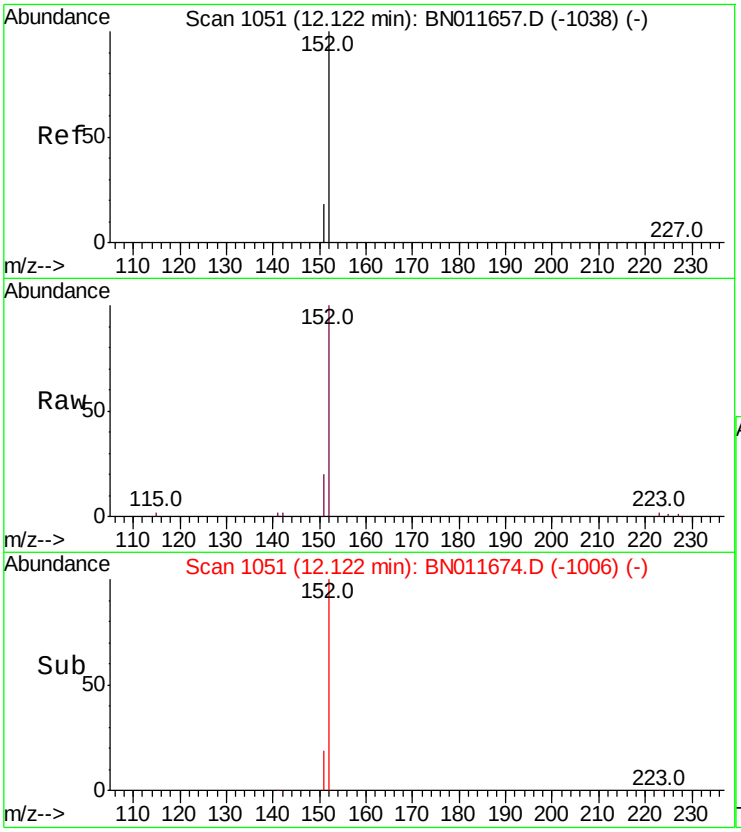


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.87 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:225 Resp: 1877

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	52.3	78.5



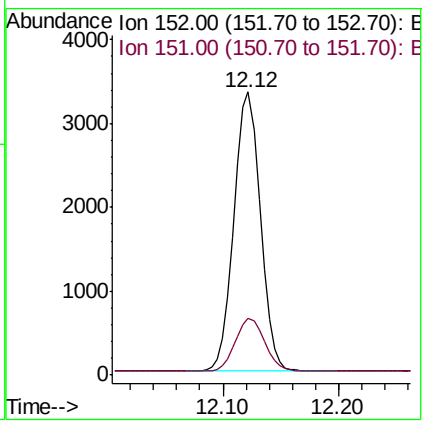


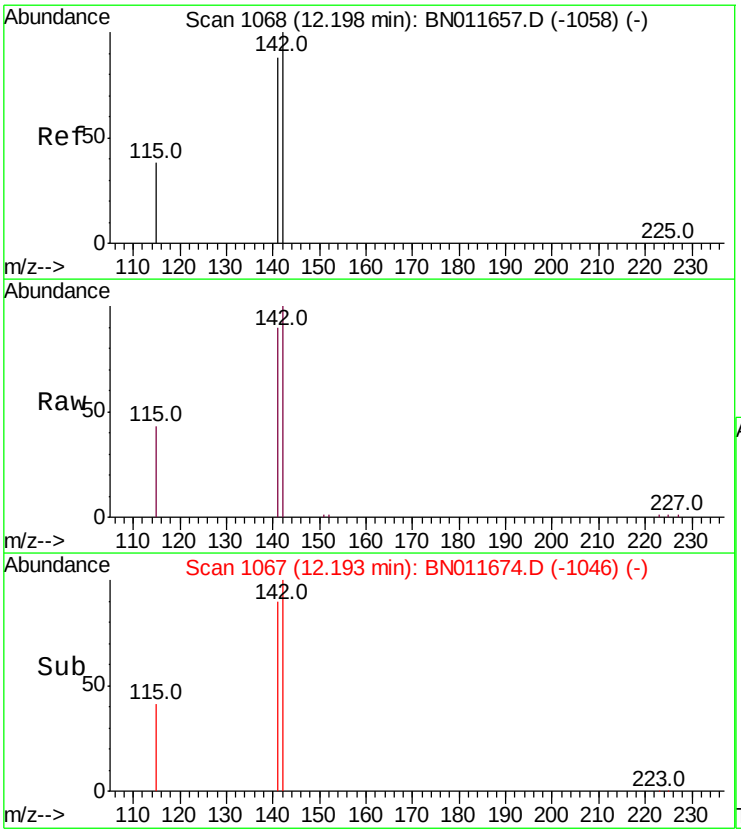
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.12 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5120

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

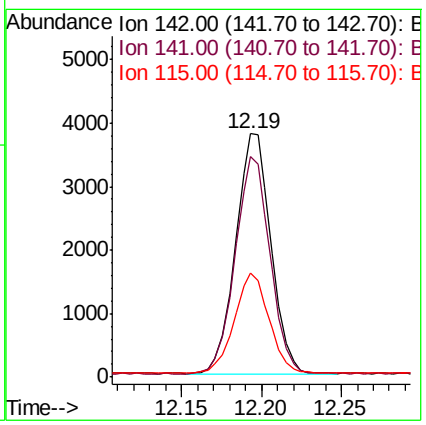


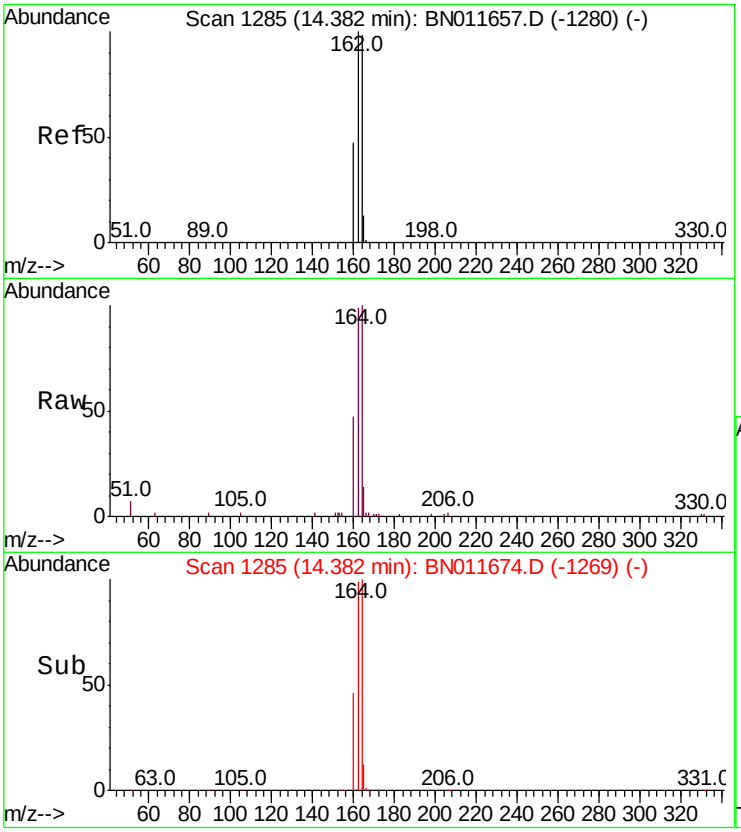


#12
2-Methylnaphthalene
Concen: 0.361 ng
RT: 12.19 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:142 Resp: 5794

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.6	106.0
115	42.6	31.3	46.9



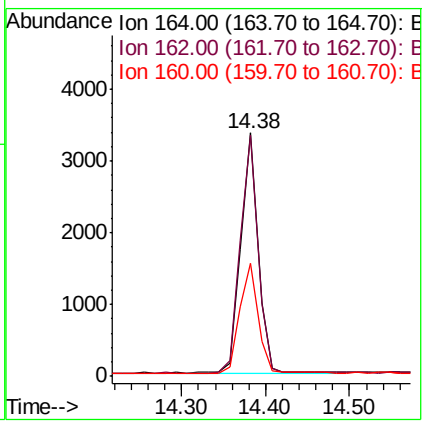


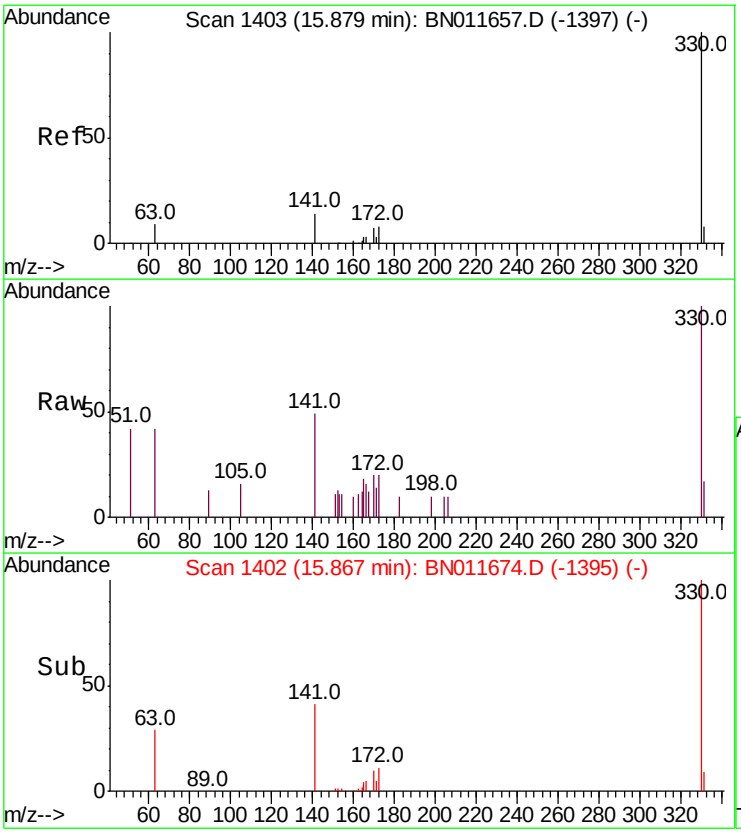
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4798

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	46.6	38.5	57.7

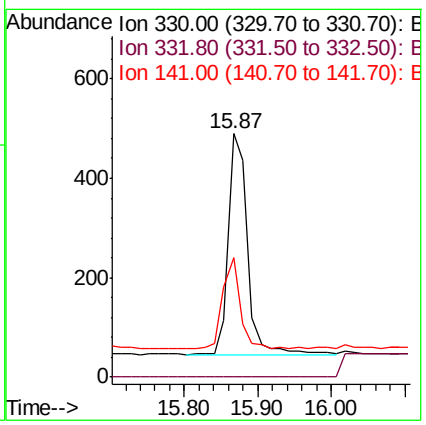


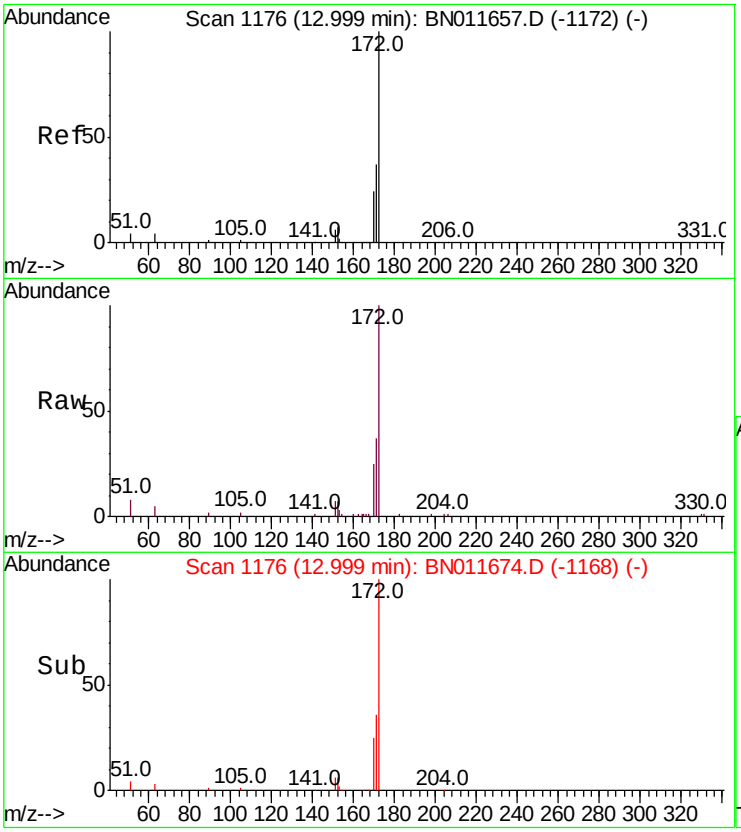


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.87 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:330 Resp: 806

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	30.0	45.0



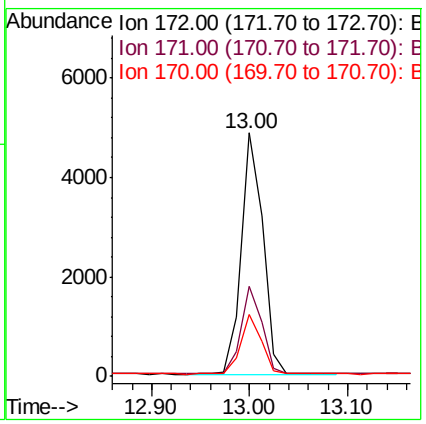


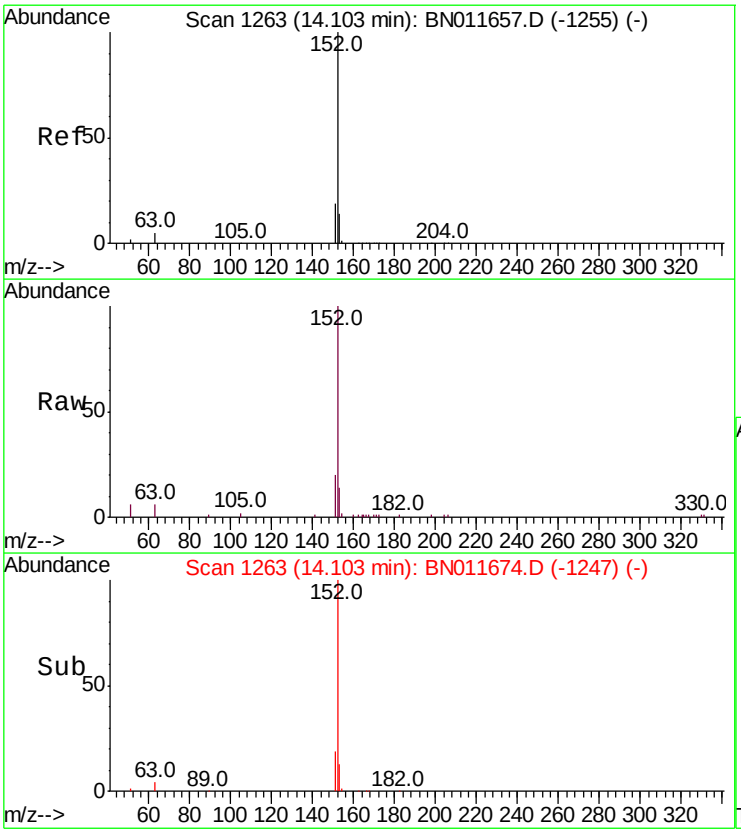
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 7347

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.3	20.1	30.1

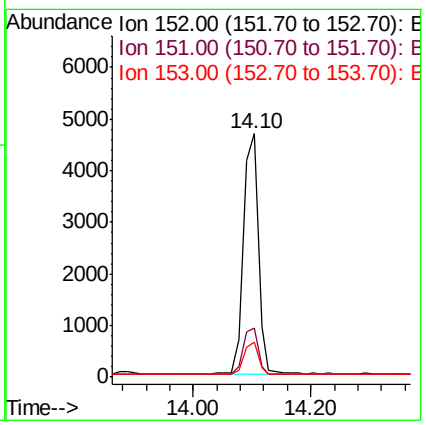


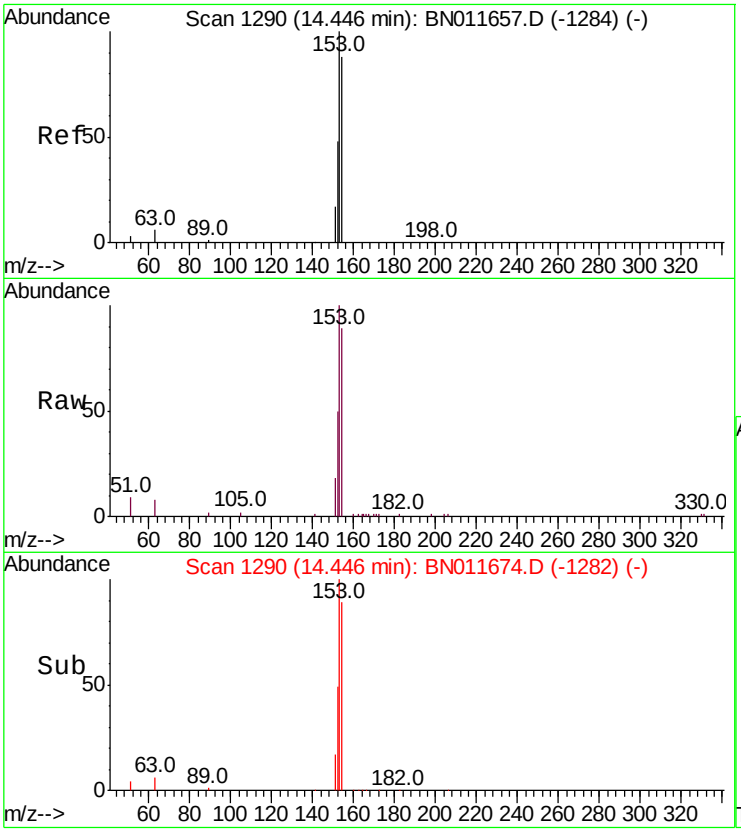


#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:152 Resp: 8163

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.2	10.5	15.7



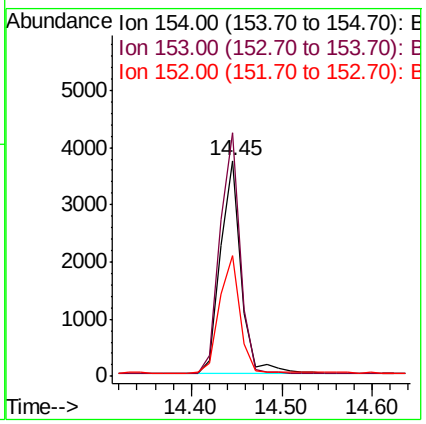


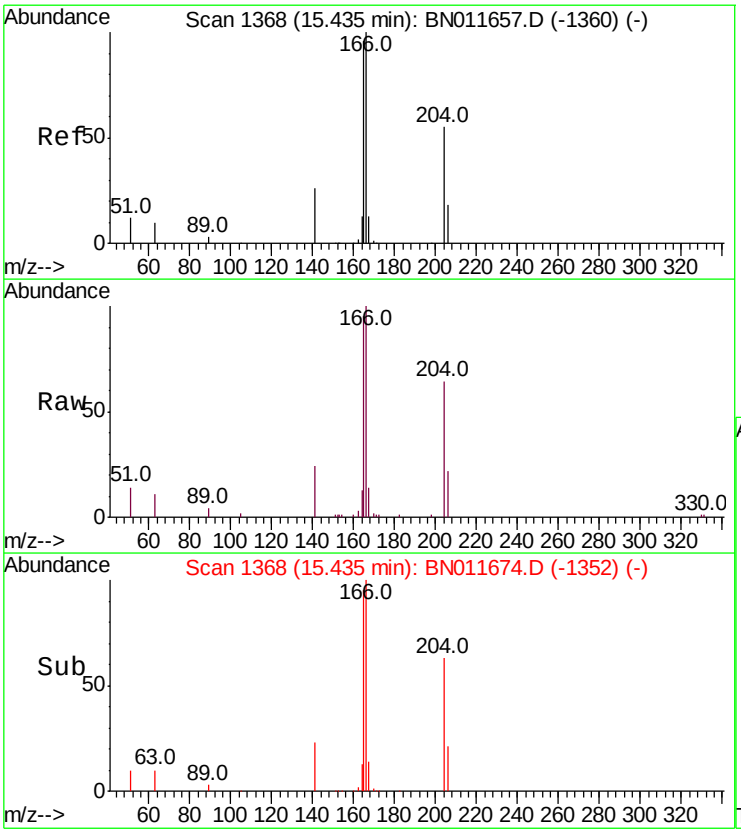
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 5794

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.2	133.8
152	55.3	44.1	66.1

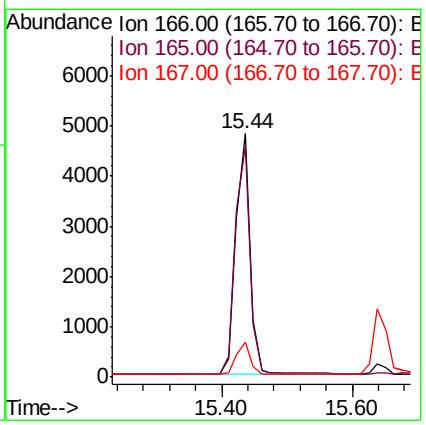


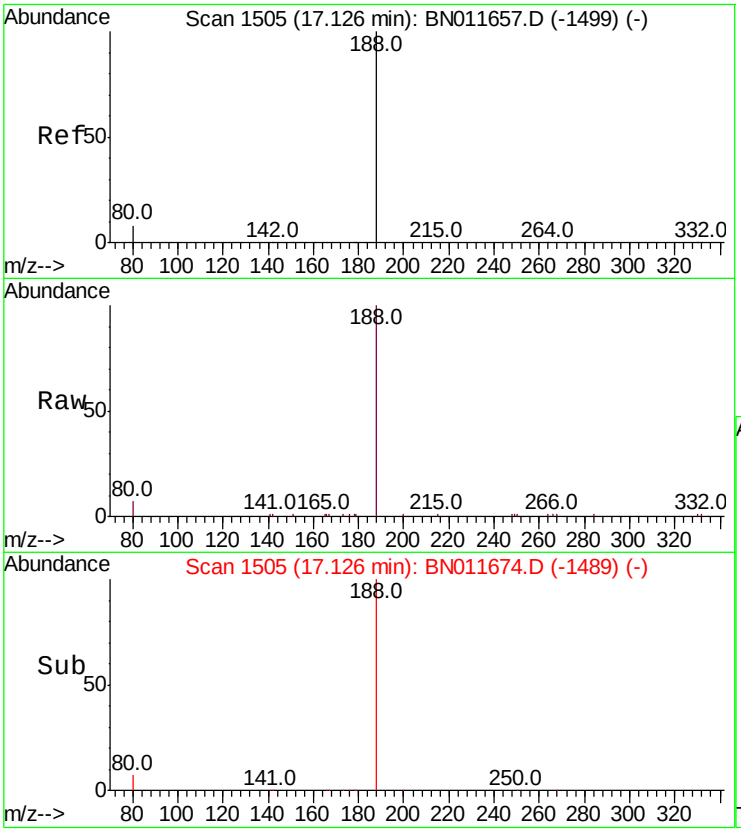


#18
Fluorene
Concen: 0.352 ng
RT: 15.44 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:166 Resp: 7286

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.7	116.5
167	13.5	11.0	16.4



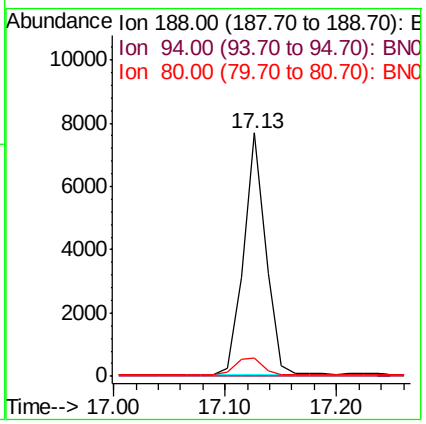


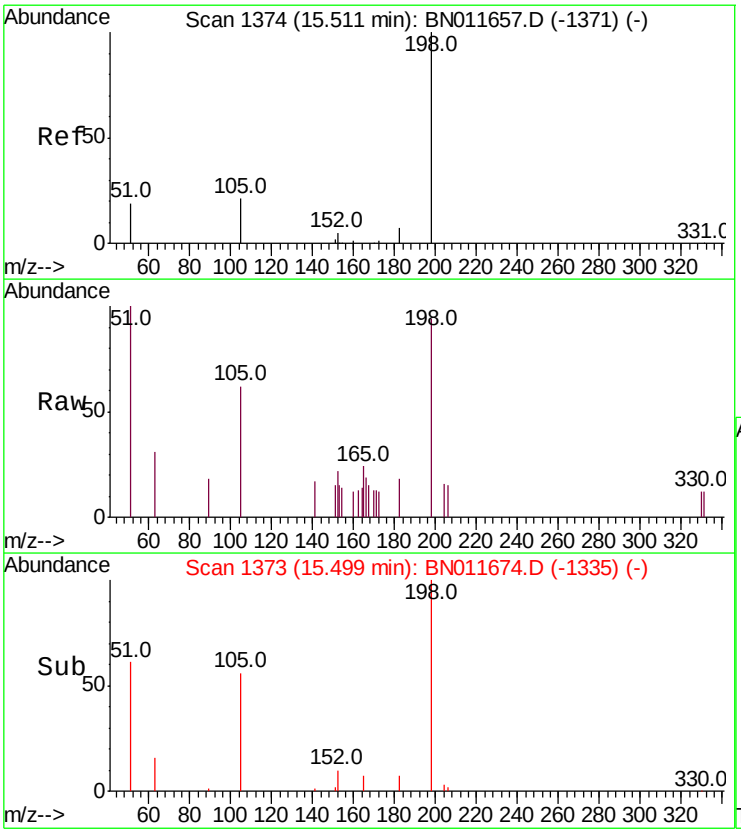
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 10665

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.6	9.8

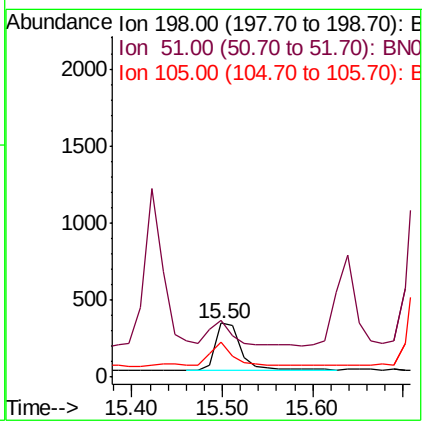


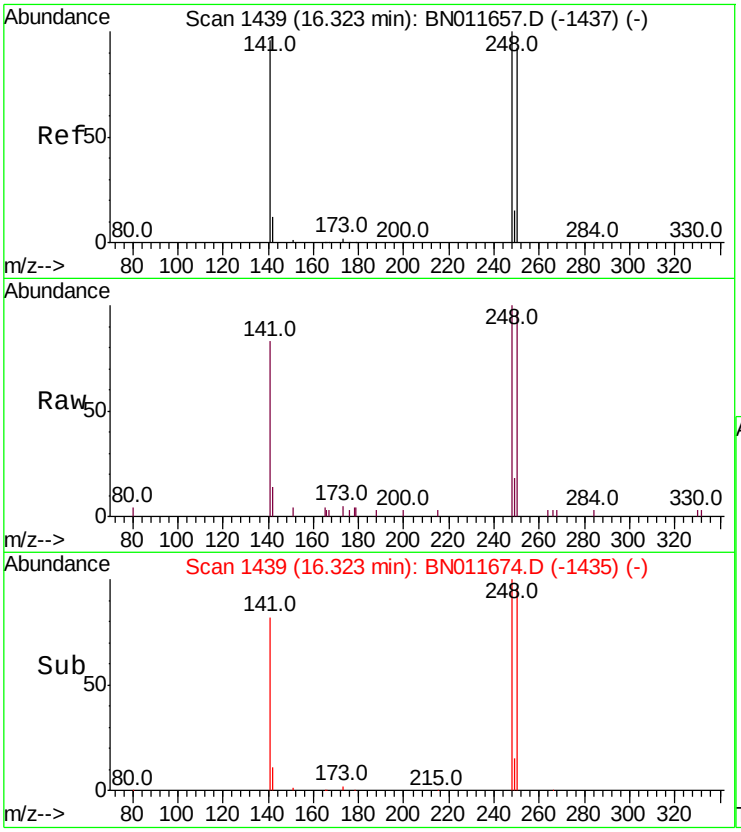


#20
4,6-Dinitro-2-methylphenol
Concen: 0.360 ng
RT: 15.50 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:198 Resp: 592

Ion	Ratio	Lower	Upper
198	100		
51	106.6	58.6	87.8#
105	65.9	31.7	47.5#



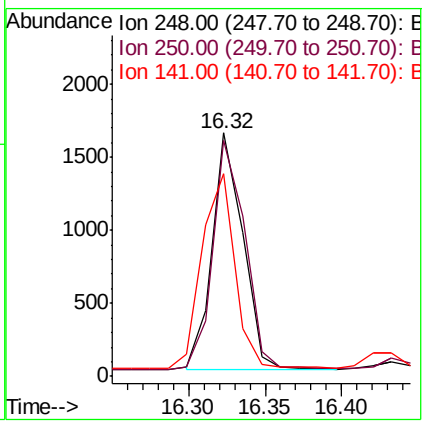


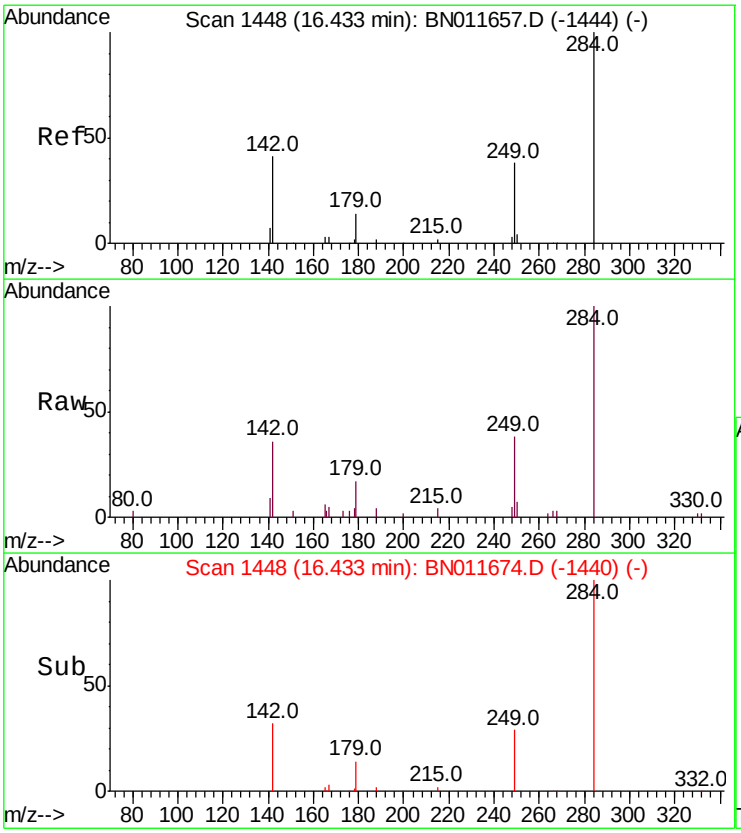
#21
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 2232

Ion	Ratio	Lower	Upper
248	100		
250	96.6	73.9	110.9
141	83.0	79.8	119.6

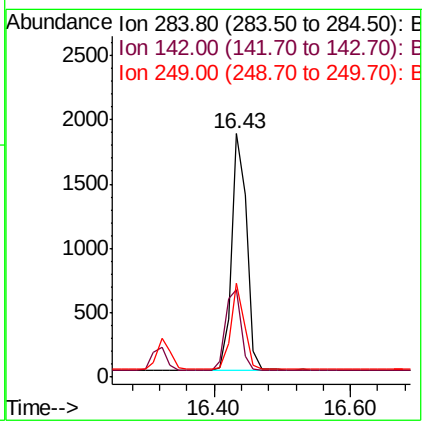


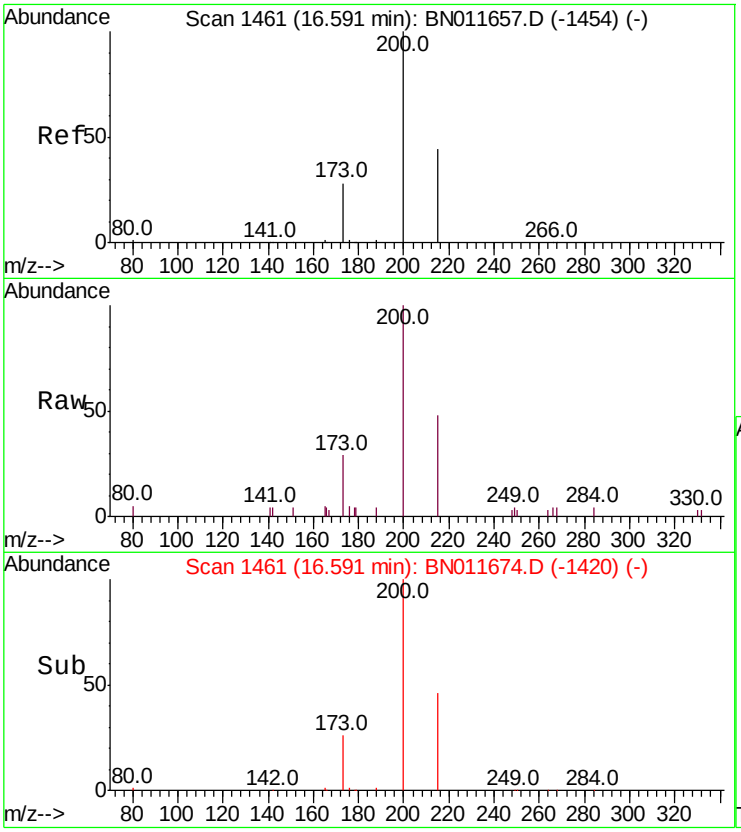


#22
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:284 Resp: 2803

Ion	Ratio	Lower	Upper
284	100		
142	35.9	29.0	43.4
249	32.1	25.7	38.5



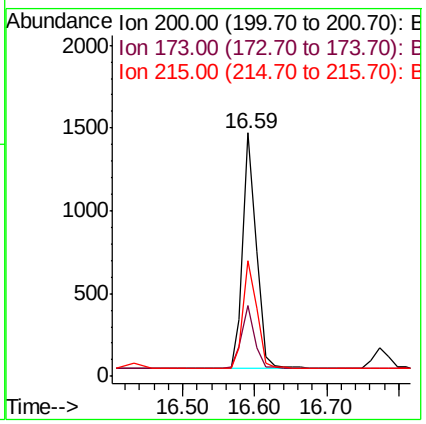


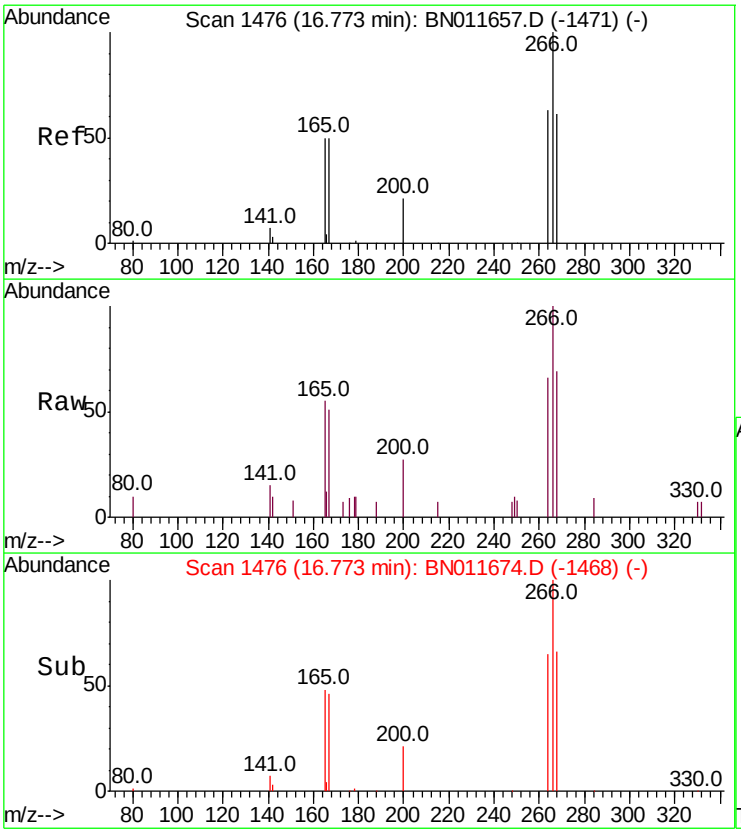
#23
Atrazine
Concen: 0.343 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1881

Ion	Ratio	Lower	Upper
200	100		
173	29.0	24.3	36.5
215	47.7	36.4	54.6

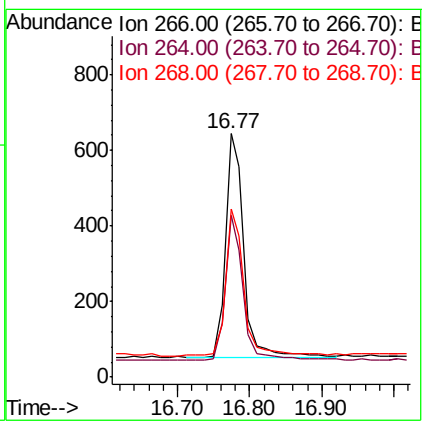


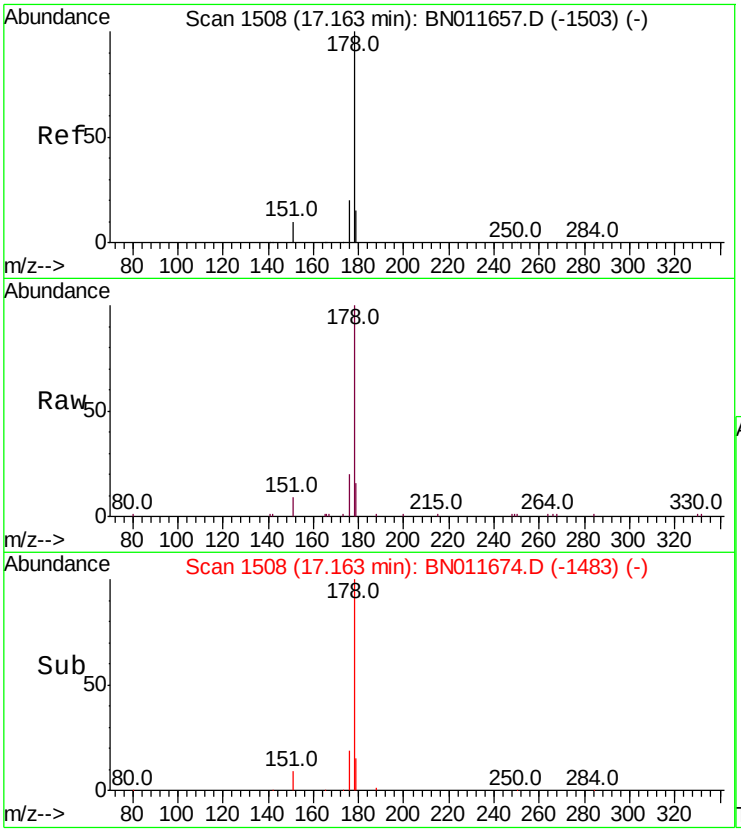


#24
Pentachlorophenol
Concen: 0.349 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:266 Resp: 1070

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.5	74.3
268	64.0	53.0	79.4



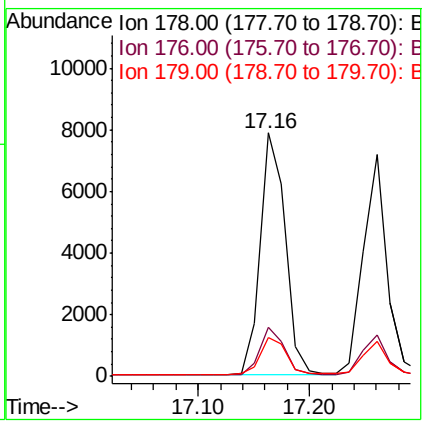


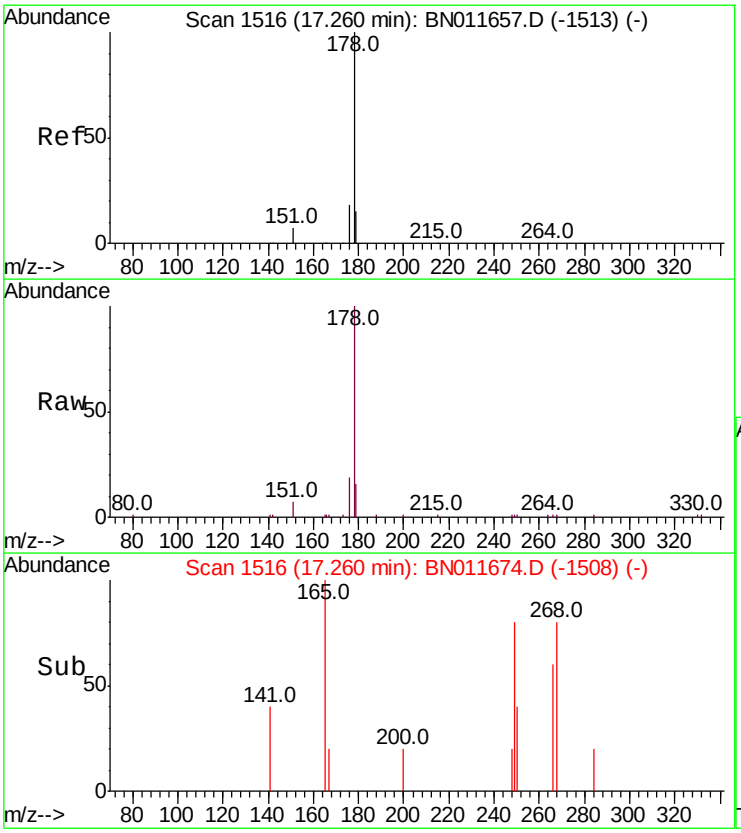
#25
Phenanthrene
Concen: 0.357 ng
RT: 17.16 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 12303

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.4	18.6

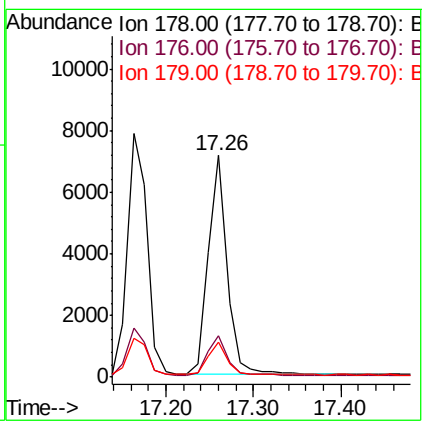


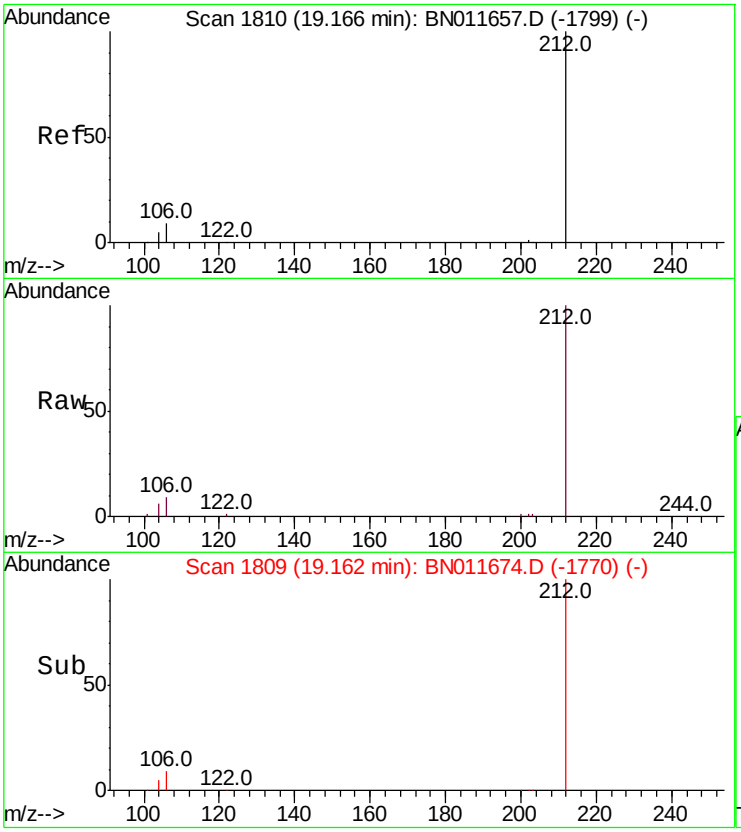


#26
Anthracene
Concen: 0.345 ng
RT: 17.26 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:178 Resp: 10552

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.2	12.2	18.4



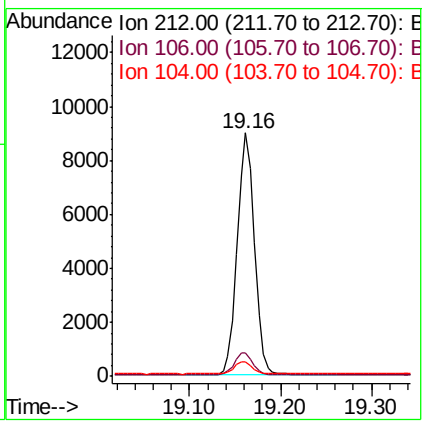


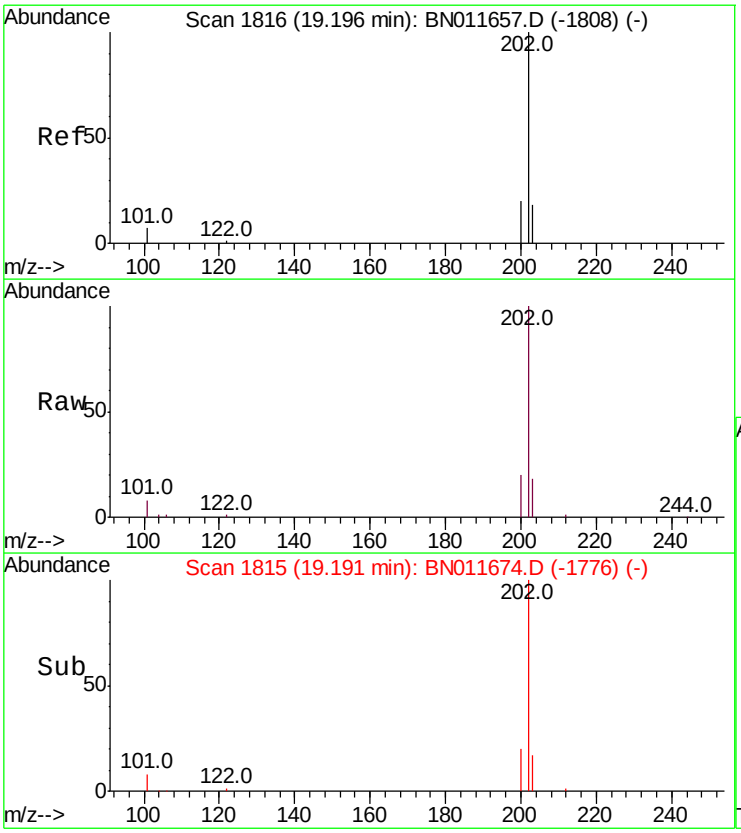
#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.16 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 11932

Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.6	11.4
104	5.4	4.6	6.8

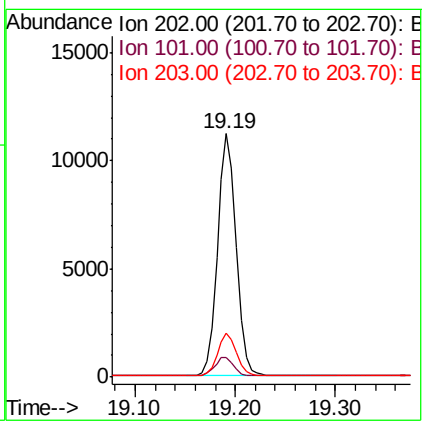


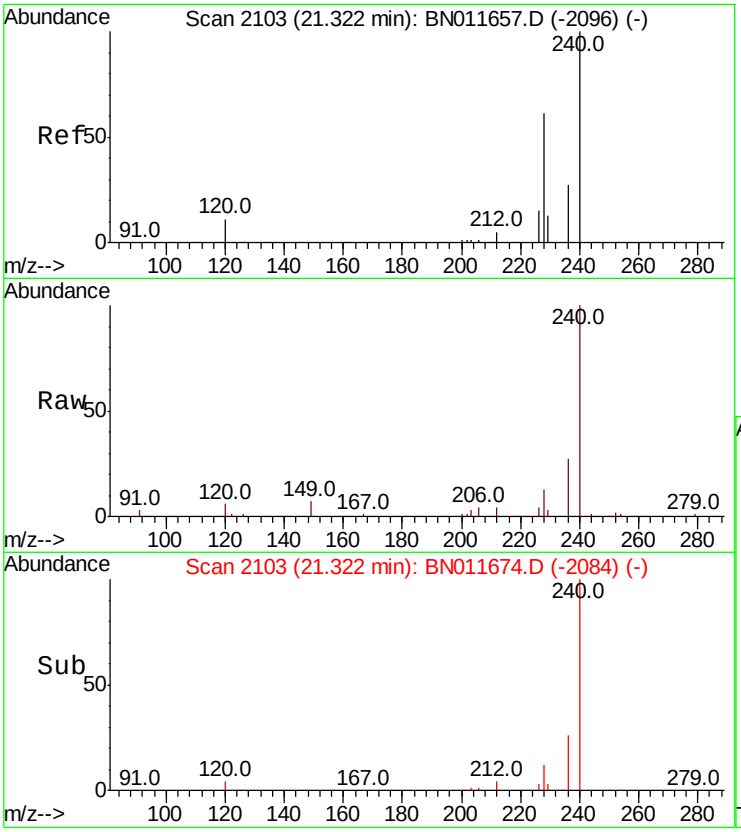


#28
Fluoranthene
Concen: 0.353 ng
RT: 19.19 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:202 Resp: 14414

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.5	9.7
203	17.3	13.8	20.6



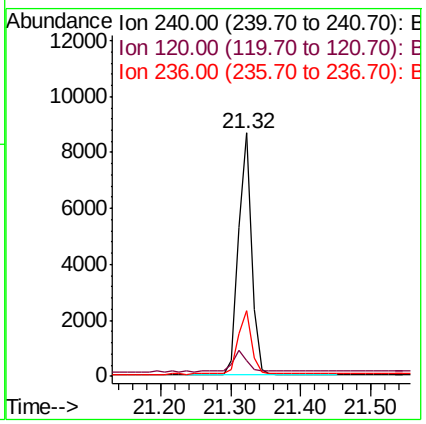


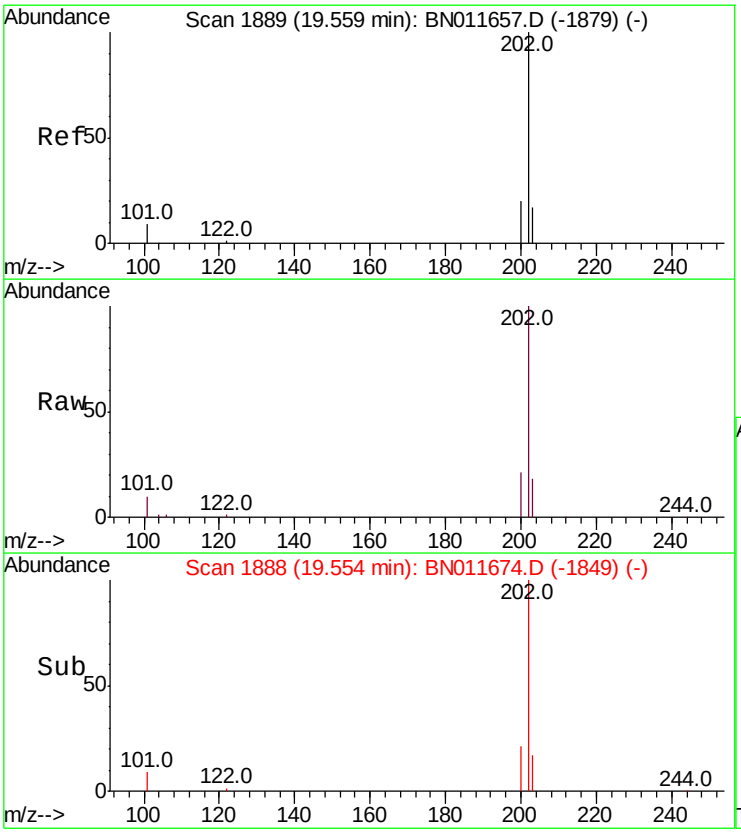
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 10938

Ion	Ratio	Lower	Upper
240	100		
120	6.3	9.9	14.9#
236	26.8	22.2	33.4

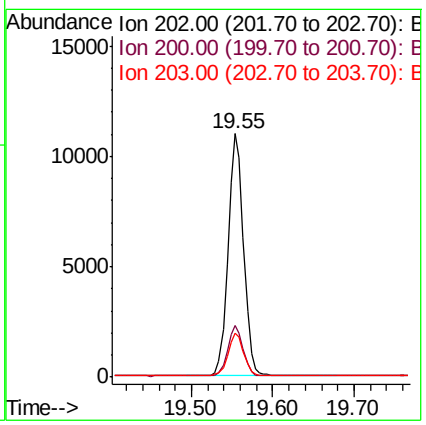


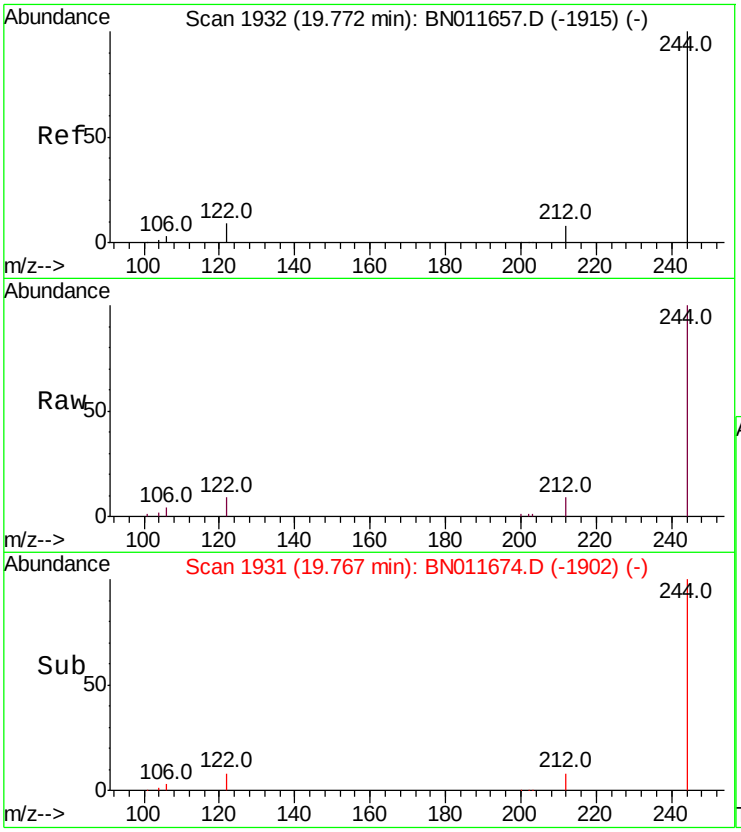


#30
Pyrene
Concen: 0.383 ng
RT: 19.55 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:202 Resp: 14554

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.5	14.1	21.1



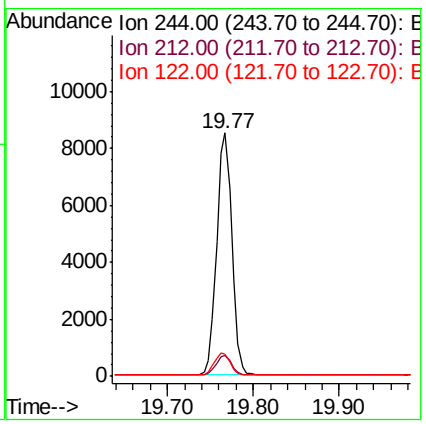


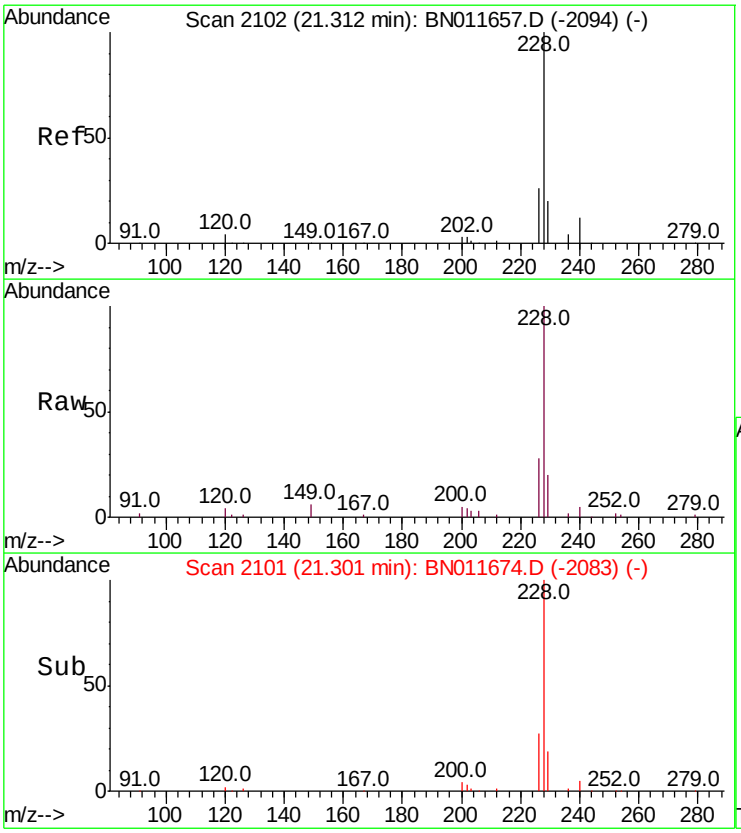
#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.77 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 10453

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	9.1	7.4	11.2

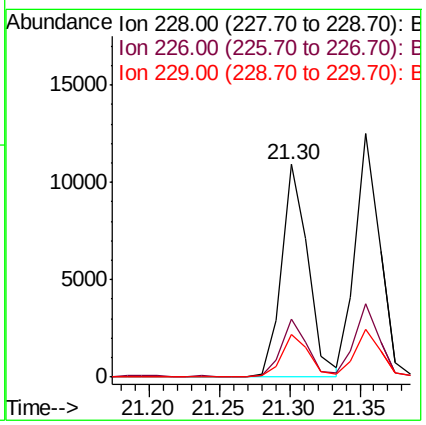


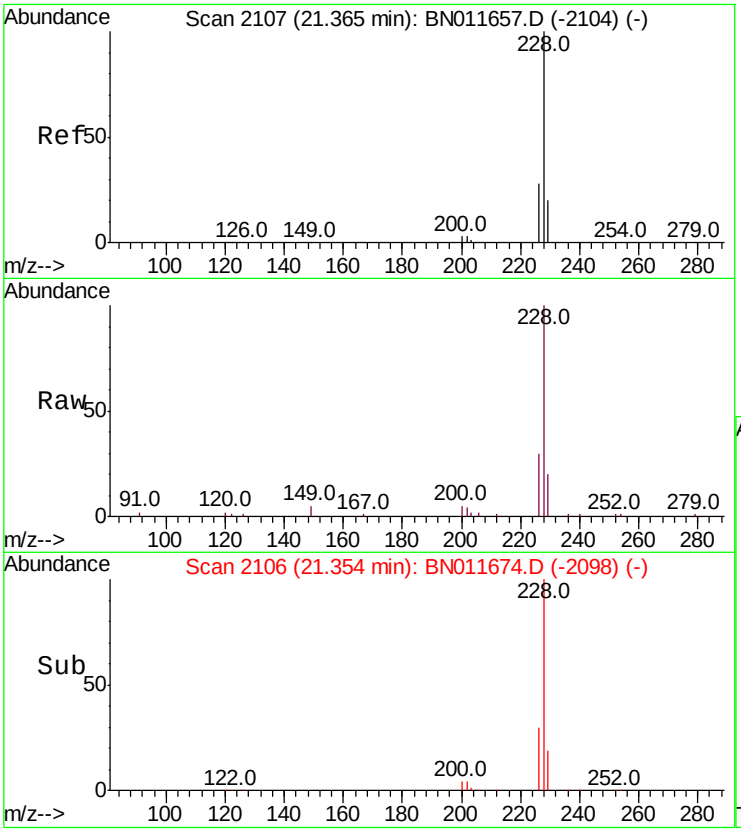


#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.30 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:228 Resp: 14292

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.2	31.8
229	19.9	16.0	24.0



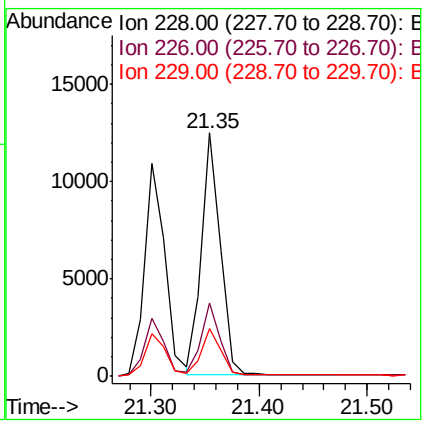


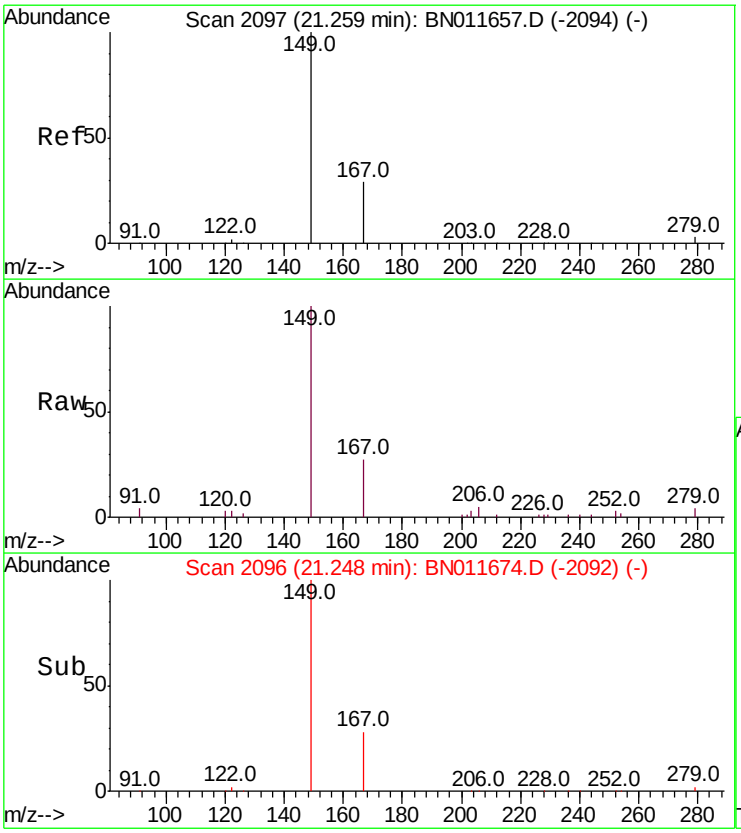
#33
Chrysene
Concen: 0.375 ng
RT: 21.35 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 15123

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	19.6	15.9	23.9

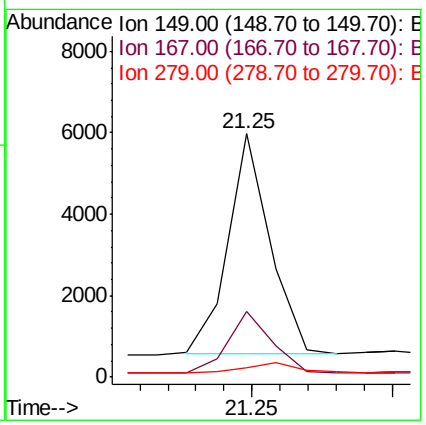


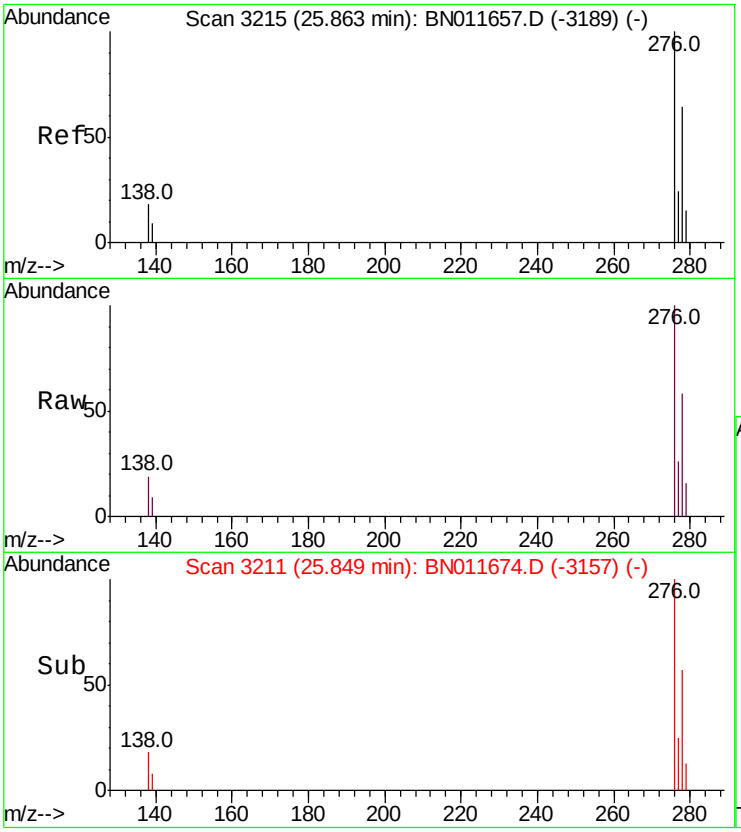


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.353 ng
RT: 21.25 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:149 Resp: 5600

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.2	34.8
279	5.3	4.0	6.0



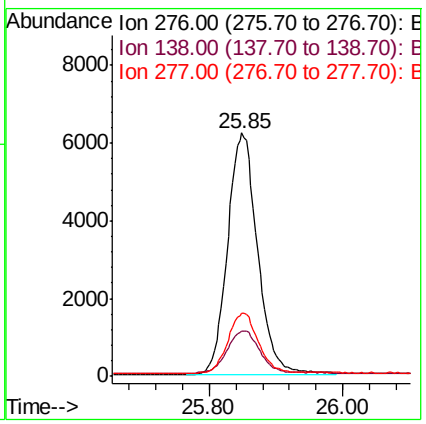


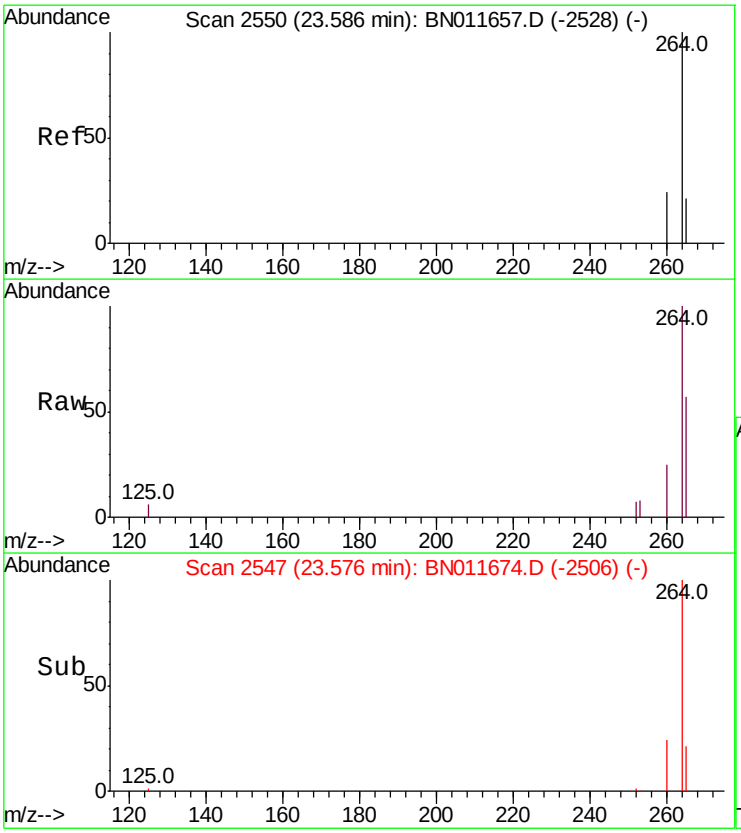
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng
RT: 25.85 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 19309

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.4	23.2
277	25.1	20.1	30.1

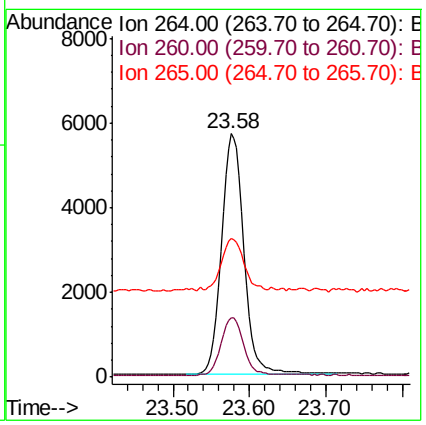


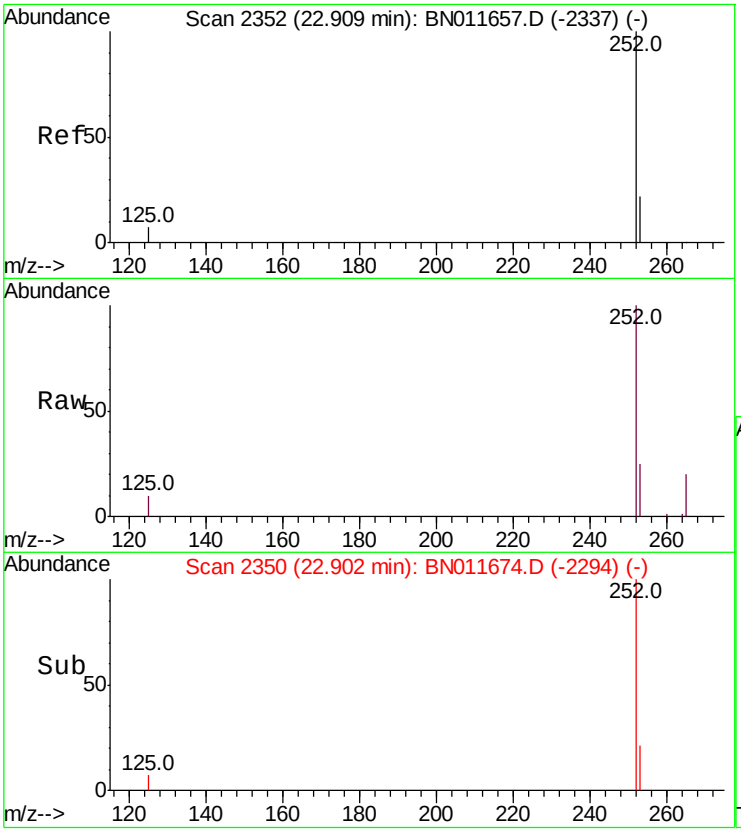


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:264 Resp: 11752

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	56.8	38.9	58.3



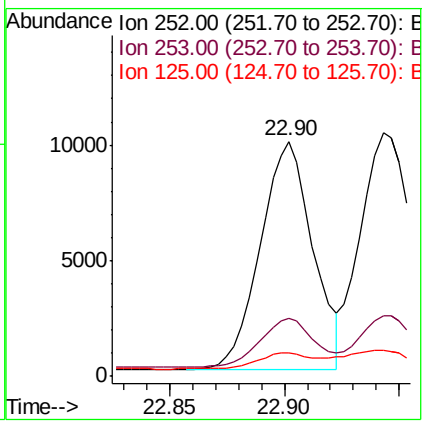


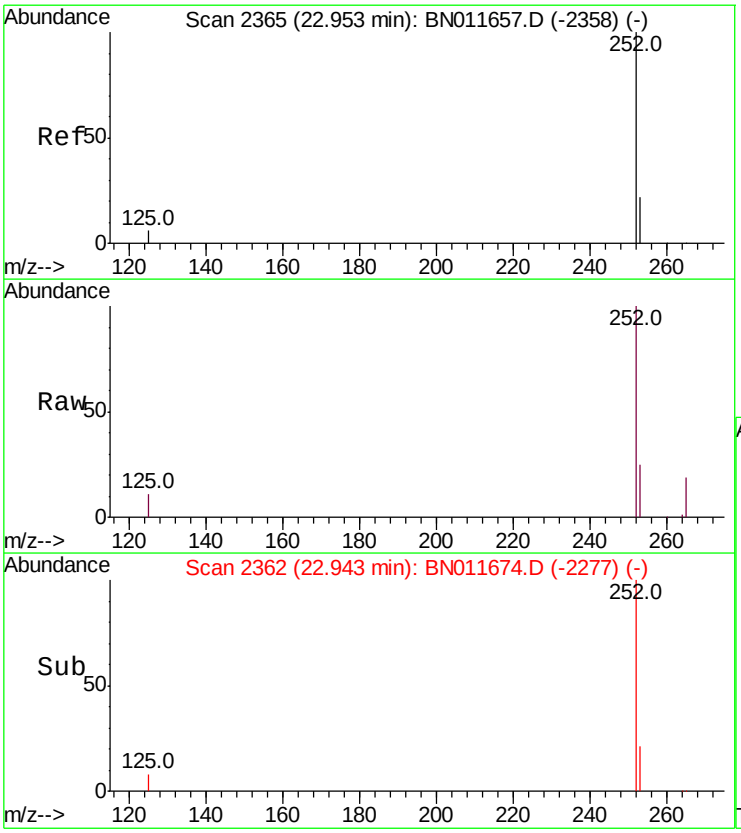
#37
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 22.90 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 15630

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.7	29.5
125	10.0	7.8	11.8

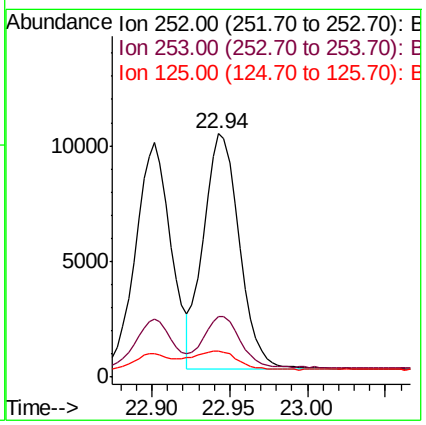


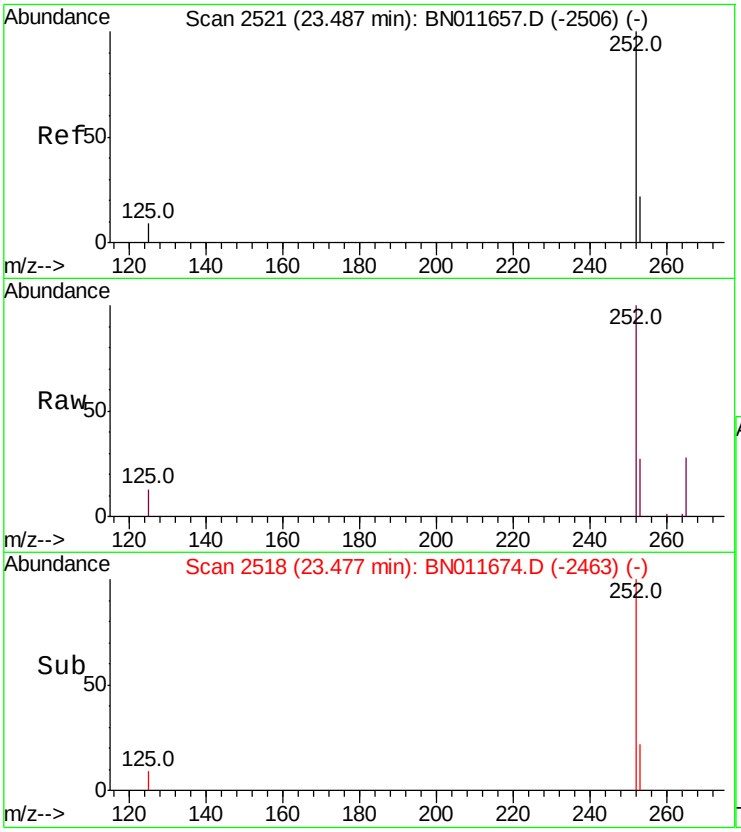


#38
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 22.94 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:252 Resp: 16363

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.0
125	10.7	8.4	12.6



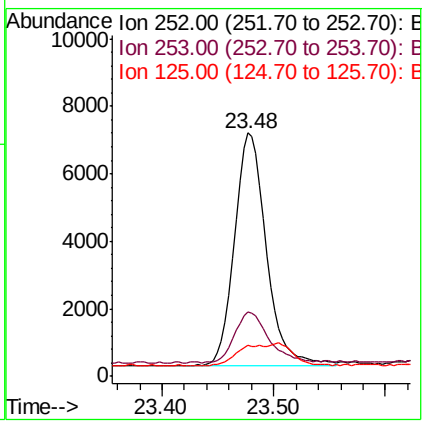


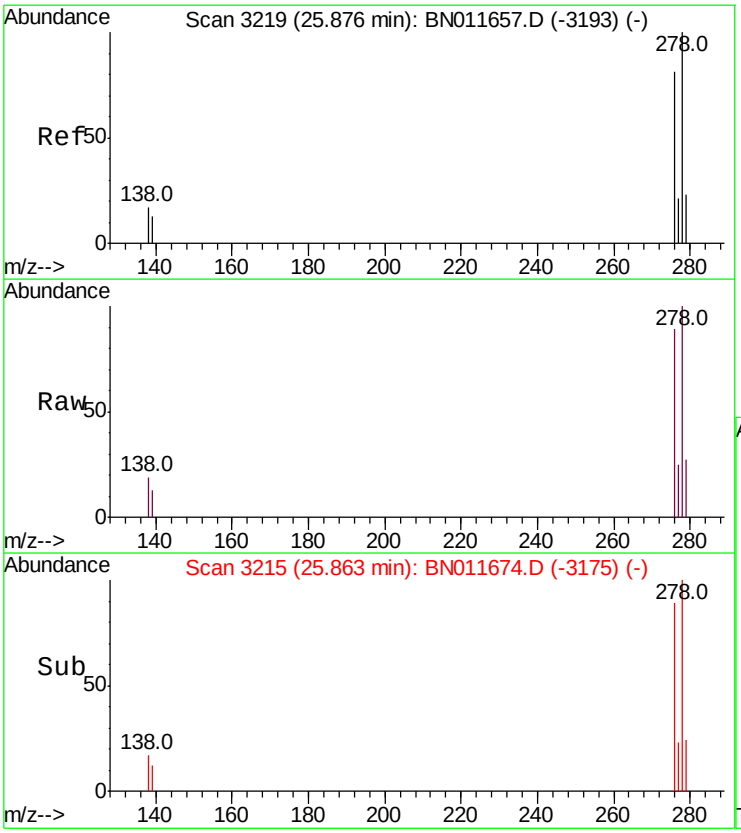
#39
Benzo(a)pyrene
Concen: 0.341 ng
RT: 23.48 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13724

Ion	Ratio	Lower	Upper
252	100		
253	26.7	20.3	30.5
125	13.0	9.8	14.6

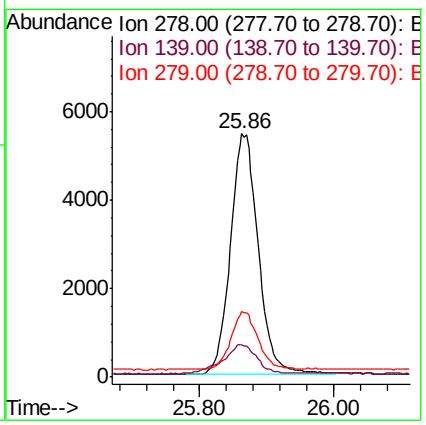


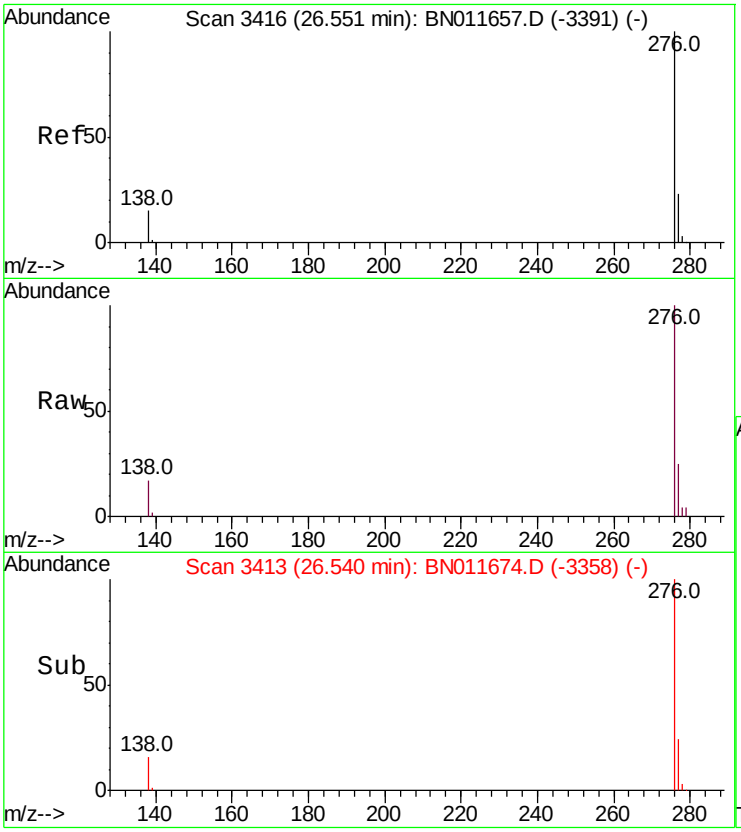


#40
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 25.86 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Tgt Ion:278 Resp: 15818

Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.0	16.6
279	27.0	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.342 ng
RT: 26.54 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN011674.D
Acq: 27 Aug 2020 21:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 15254

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.7	29.5
138	17.2	13.4	20.2