Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011660.D
Acq On : 27 Aug 2020 12:38
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Aug 27 13:35:59 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	2055	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	7171	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4441	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	9736	0.40	ng		0.00
29) Chrysene-d12	21.32	240	11217	0.40	ng		0.00
36) Perylene-d12	23.58	264	11098	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	16905	2.57	ng		0.00
5) Phenol-d6	6.91	99	23126	2.49	ng		0.00
8) Nitrobenzene-d5	8.88	82	21646	3.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	39945	2.94	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	6895	2.83	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	56047	3.24	ng		0.00
27) Fluoranthene-d10	19.16	212	96159	3.03	ng		0.00
31) Terphenyl-d14	19.77	244	82690	2.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	9440	2.962	ng		95
3) n-Nitrosodimethylamine	3.58	42	11307	3.369	ng	#	93
6) bis(2-Chloroethyl)ether	7.17	93	18490	2.802	ng		98
9) Naphthalene	10.58	128	63556	3.117	ng		99
10) Hexachlorobutadiene	10.87	225	13699	3.207	ng	#	98
12) 2-Methylnaphthalene	12.20	142	45399	3.018	ng		99
16) Acenaphthylene	14.10	152	68679	2.935	ng		100
17) Acenaphthene	14.45	154	46676	3.145	ng		97
18) Fluorene	15.44	166	59567	3.101	ng		100
20) 4,6-Dinitro-2-methylphenol	15.50	198	5359	4.774	ng	#	83
21) 4-Bromophenyl-phenylether	16.32	248	17483	3.078	ng		97
22) Hexachlorobenzene	16.43	284	20917	3.186	ng		99
23) Atrazine	16.59	200	15526	2.768	ng		99
24) Pentachlorophenol	16.77	266	8783	3.031	ng		98
25) Phenanthrene	17.18	178	97016	3.207	ng		99
26) Anthracene	17.26	178	88012	2.954	ng		100
28) Fluoranthene	19.19	202	116749	3.185	ng		100
30) Pyrene	19.56	202	117415	2.952	ng		100
32) Benzo(a)anthracene	21.31	228	123034	3.041	ng		98
33) Chrysene	21.35	228	123809	3.210	ng		97
34) Bis(2-ethylhexyl)phthalate	21.26	149	50726	1.761	ng		99
35) Indeno(1,2,3-cd)pyrene	25.86	276	163173	3.467	ng		100
37) Benzo(b)fluoranthene	22.91	252	131465	3.270	ng		95
38) Benzo(k)fluoranthene	22.95	252	135888	3.399	ng	#	95
39) Benzo(a)pyrene	23.48	252	120530	3.216	ng	#	93
40) Dibenzo(a,h)anthracene	25.87	278	135450	3.459	ng		96
41) Benzo(g,h,i)perylene	26.55	276	132638	3.488	ng		99

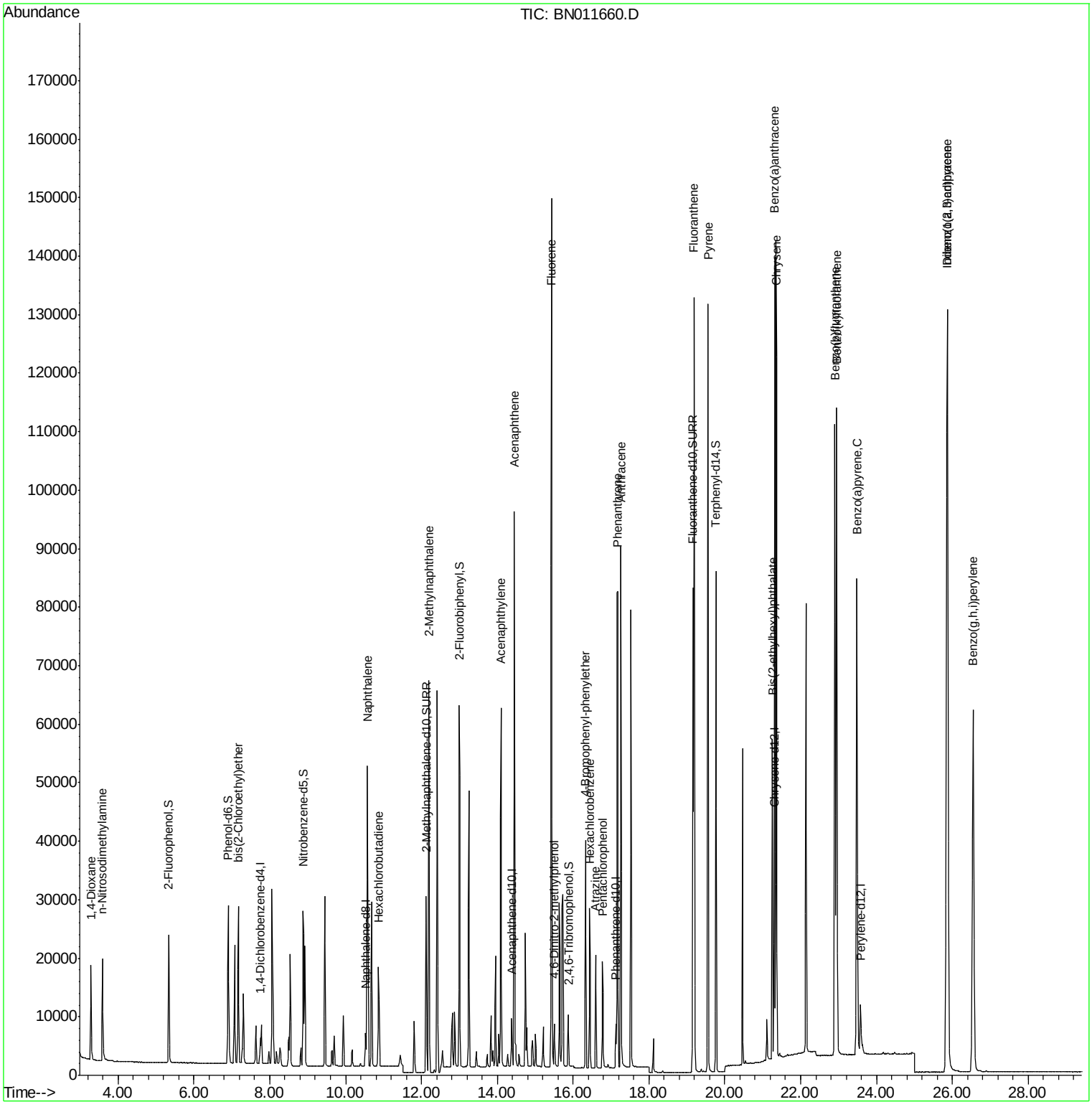
(#) = qualifier out of range (m) = manual integration (+) = signals summed

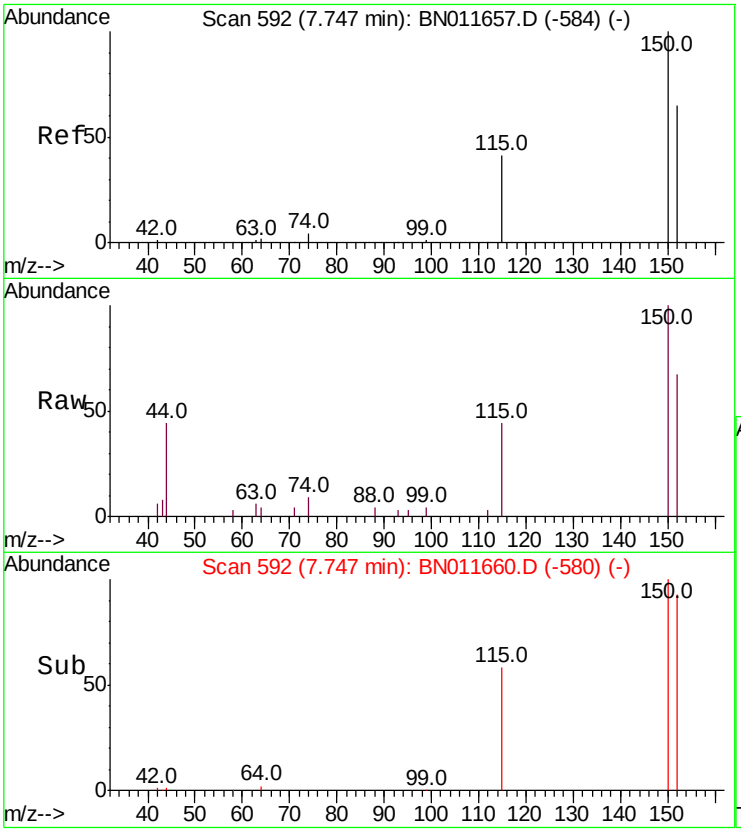
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011660.D
Acq On : 27 Aug 2020 12:38
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 27 13:35:59 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



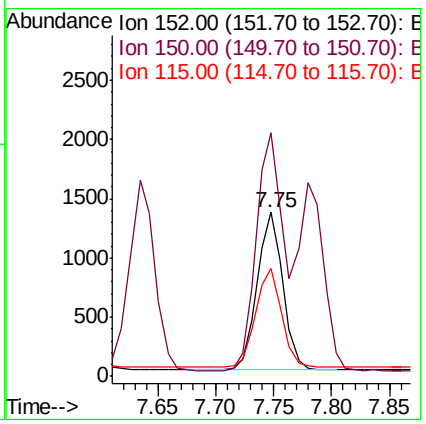


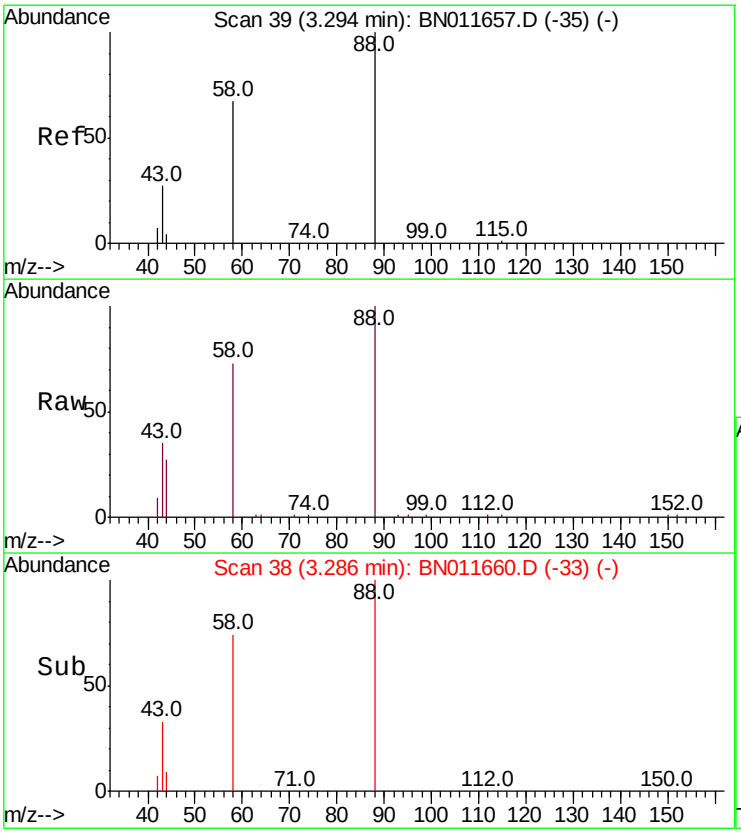
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2055

Ion	Ratio	Lower	Upper
152	100		
150	148.6	121.0	181.6
115	65.5	52.6	78.8

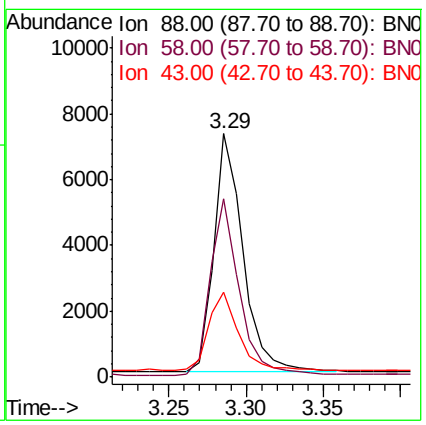


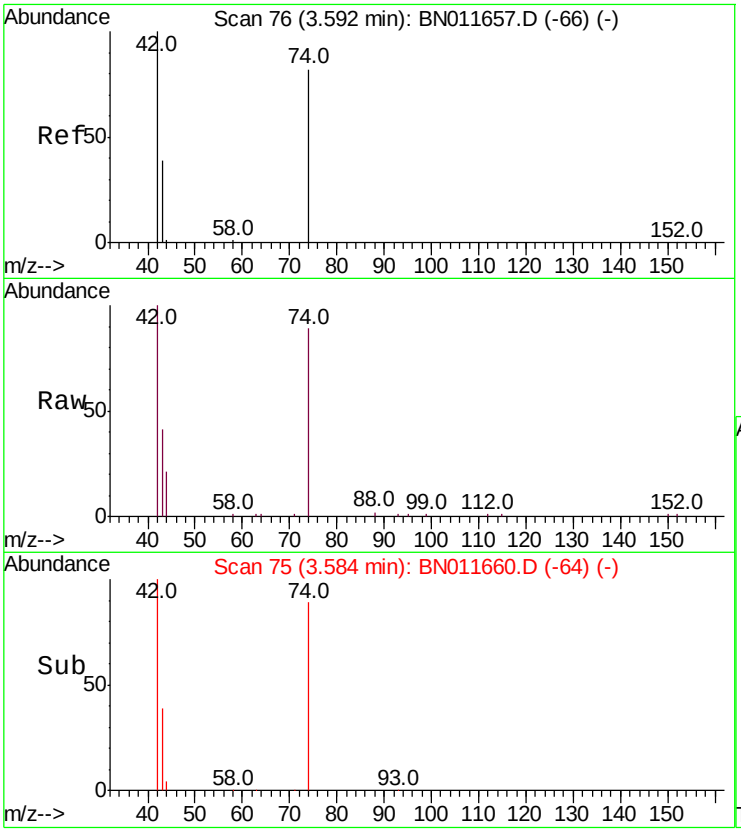


#2
1,4-Dioxane
Concen: 2.962 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion: 88 Resp: 9440

Ion	Ratio	Lower	Upper
88	100		
58	72.7	61.4	92.0
43	33.1	29.8	44.8



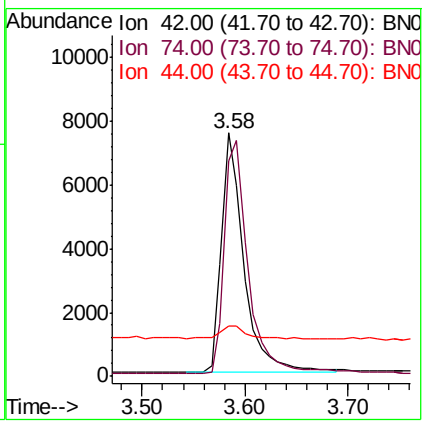


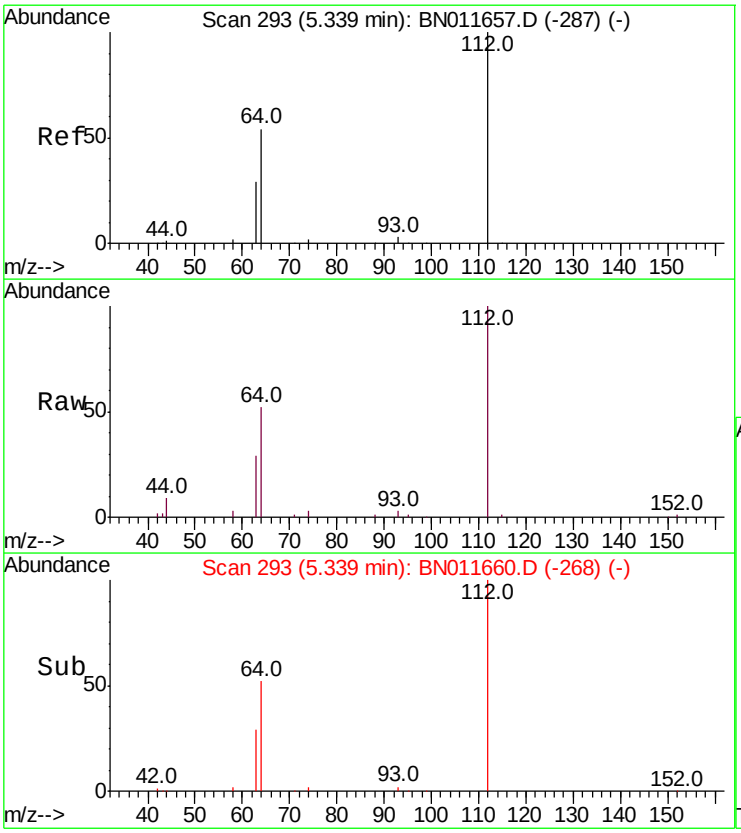
#3
n-Nitrosodimethylamine
Concen: 3.369 ng
RT: 3.58 min Scan# 75
Delta R.T. -0.01 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 11307

Ion	Ratio	Lower	Upper
42	100		
74	105.6	79.0	118.6
44	6.4	8.1	12.1#

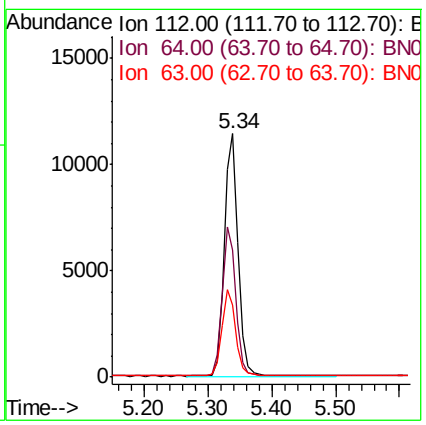


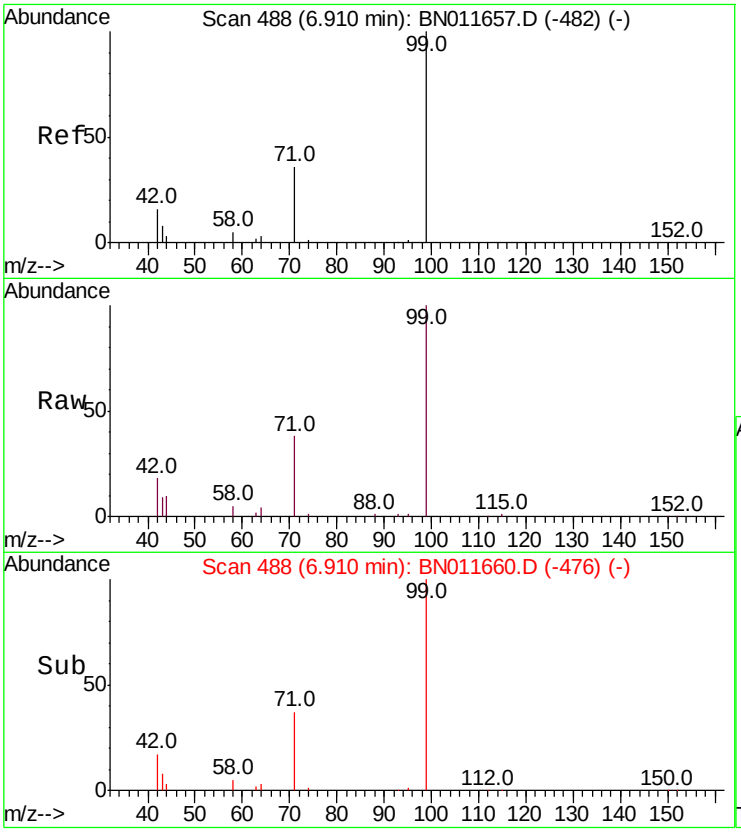


#4
2-Fluorophenol
Concen: 2.573 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:112 Resp: 16905

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.7	74.5
63	35.2	29.4	44.0



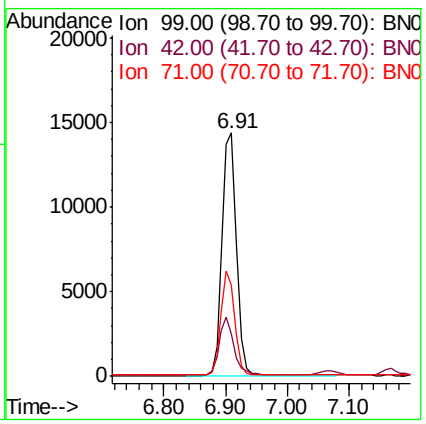


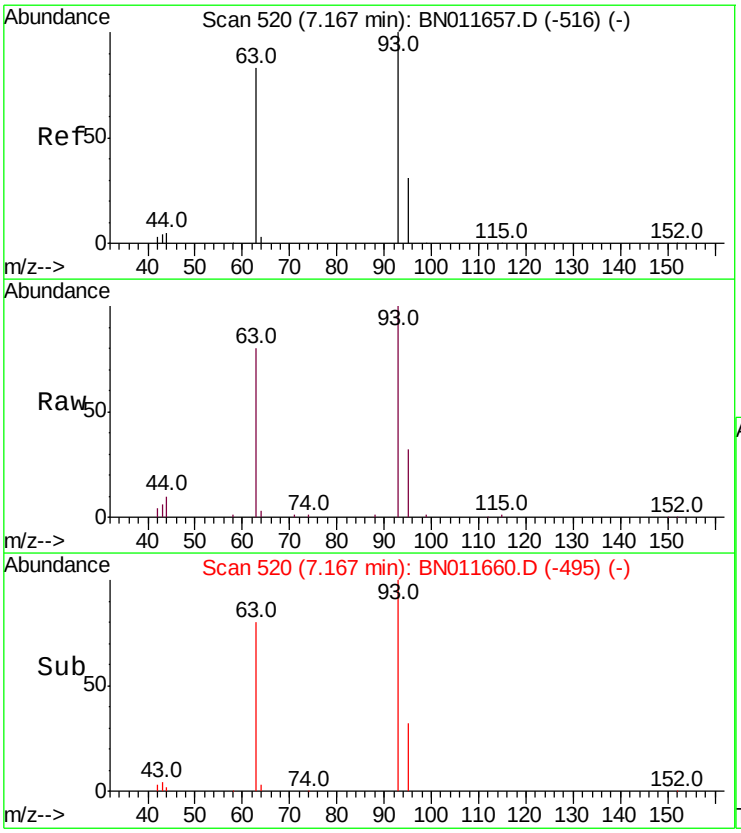
#5
Phenol-d6
Concen: 2.489 ng
RT: 6.91 min Scan# 488
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 23126

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.2	30.2
71	41.3	33.3	49.9

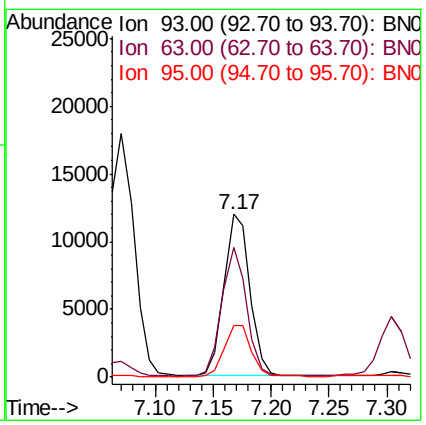


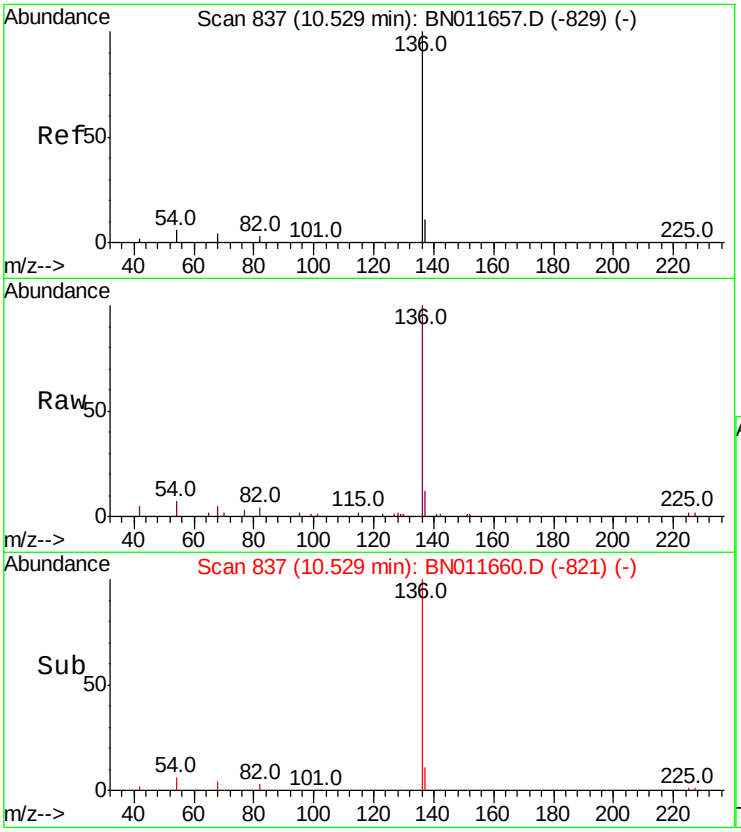


#6
bis(2-Chloroethyl)ether
Concen: 2.802 ng
RT: 7.17 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion: 93 Resp: 18490

Ion	Ratio	Lower	Upper
93	100		
63	75.9	62.2	93.4
95	32.2	26.6	39.8



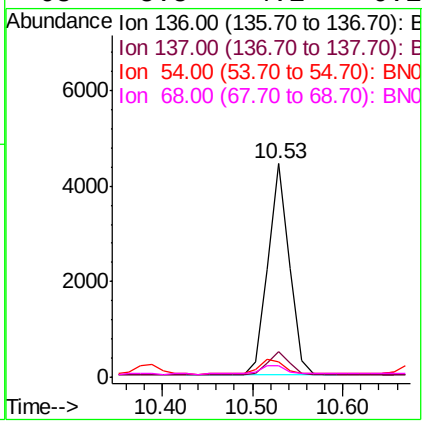


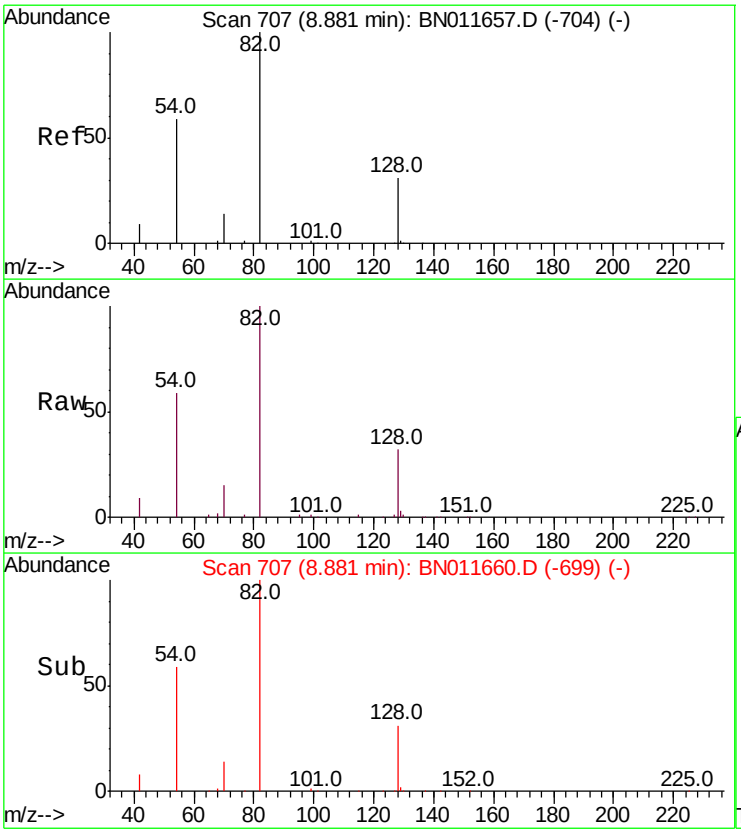
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 7171

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	7.4	5.8	8.8
68	5.5	4.1	6.1

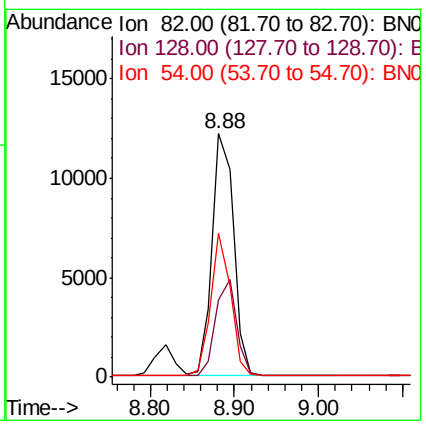


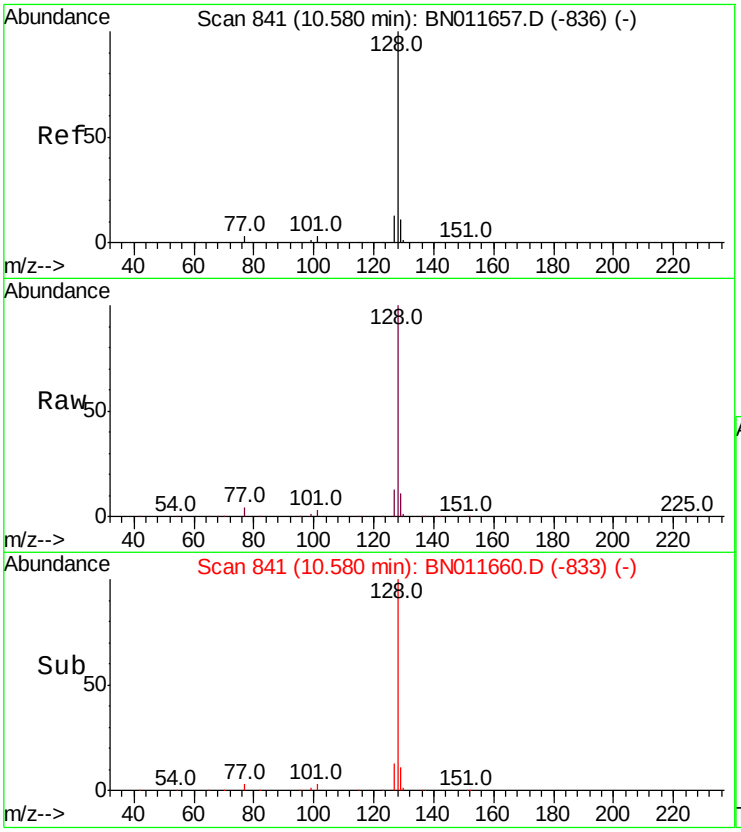


#8
Nitrobenzene-d5
Concen: 3.486 ng
RT: 8.88 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion: 82 Resp: 21646

Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.2	39.2
54	58.9	48.2	72.4



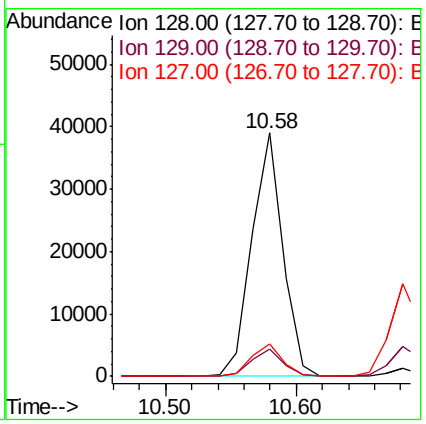


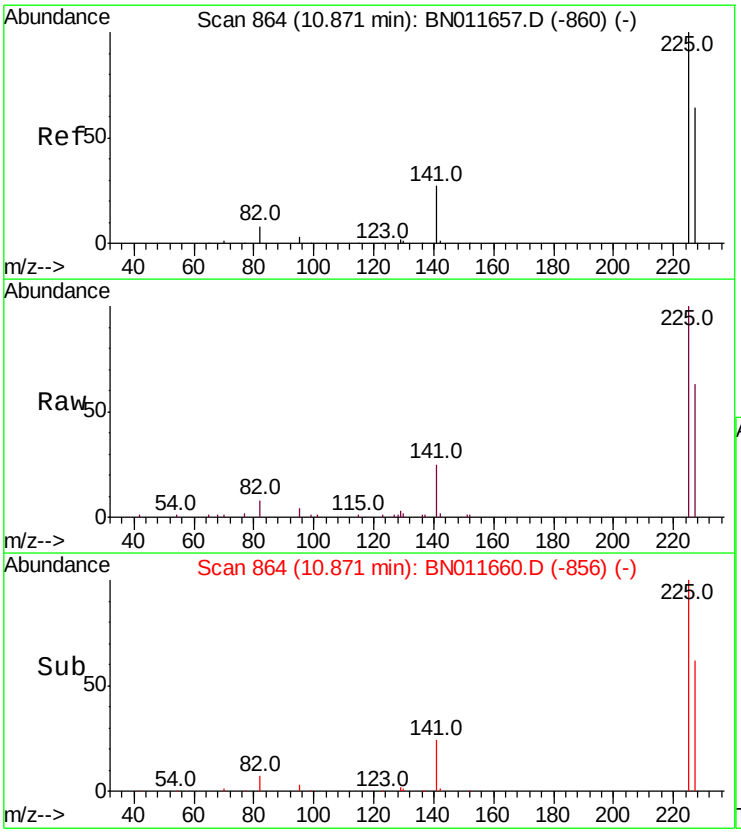
#9
Naphthalene
Concen: 3.117 ng
RT: 10.58 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 63556

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.2	10.8	16.2

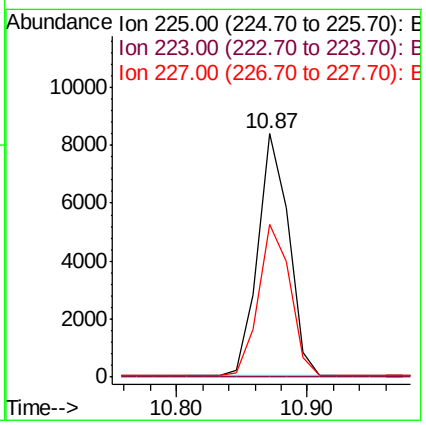


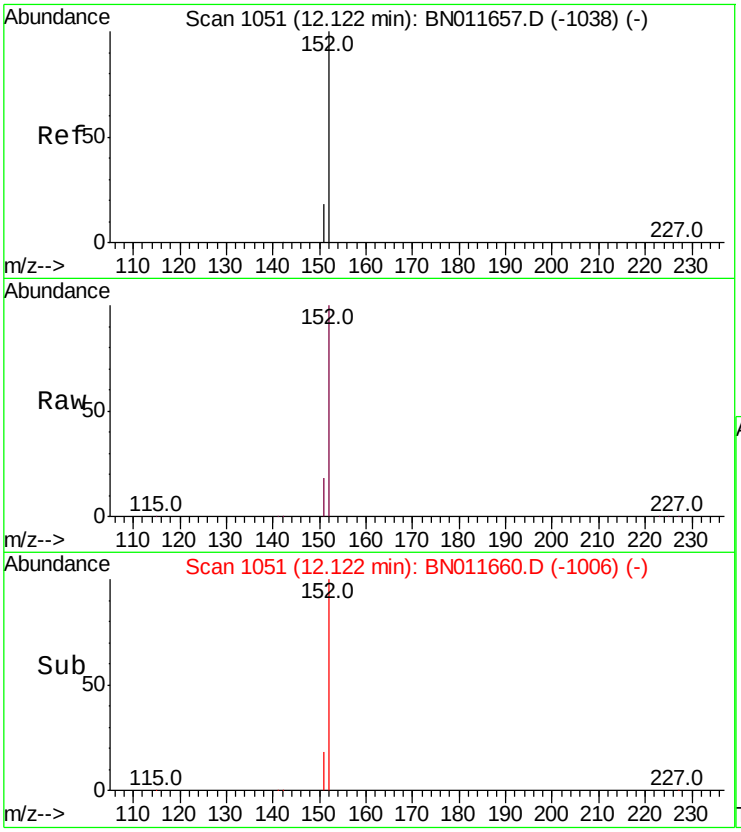


#10
Hexachlorobutadiene
Concen: 3.207 ng
RT: 10.87 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:225 Resp: 13699

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	52.3	78.5



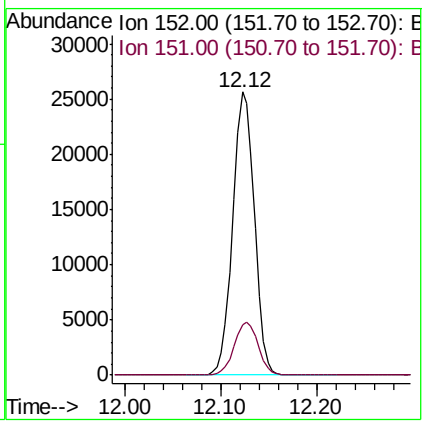


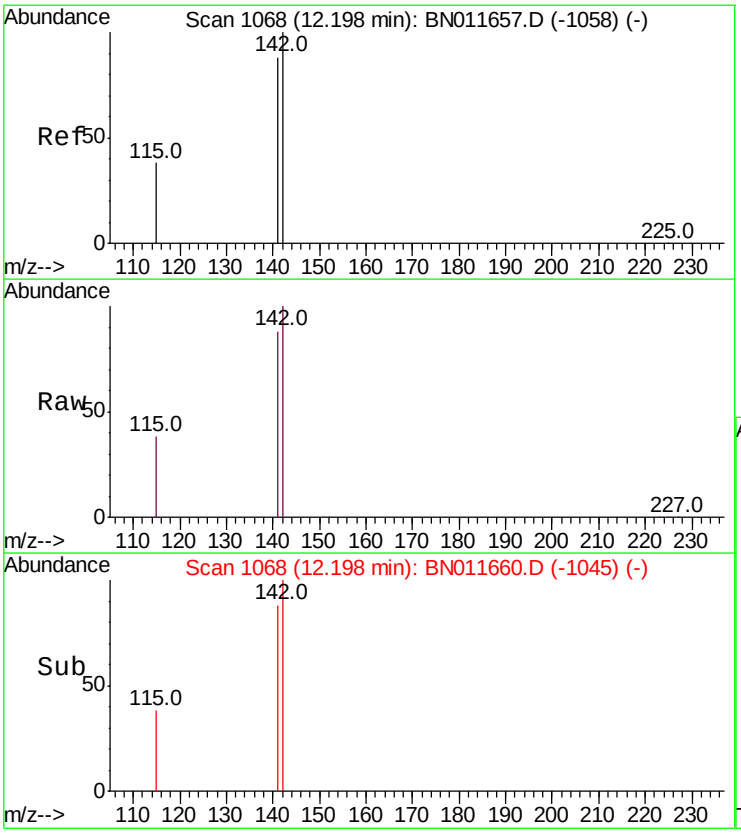
#11
2-Methylnaphthalene-d10
Concen: 2.942 ng
RT: 12.12 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 39945

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1

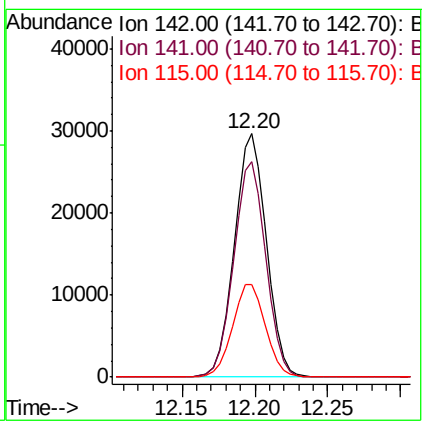


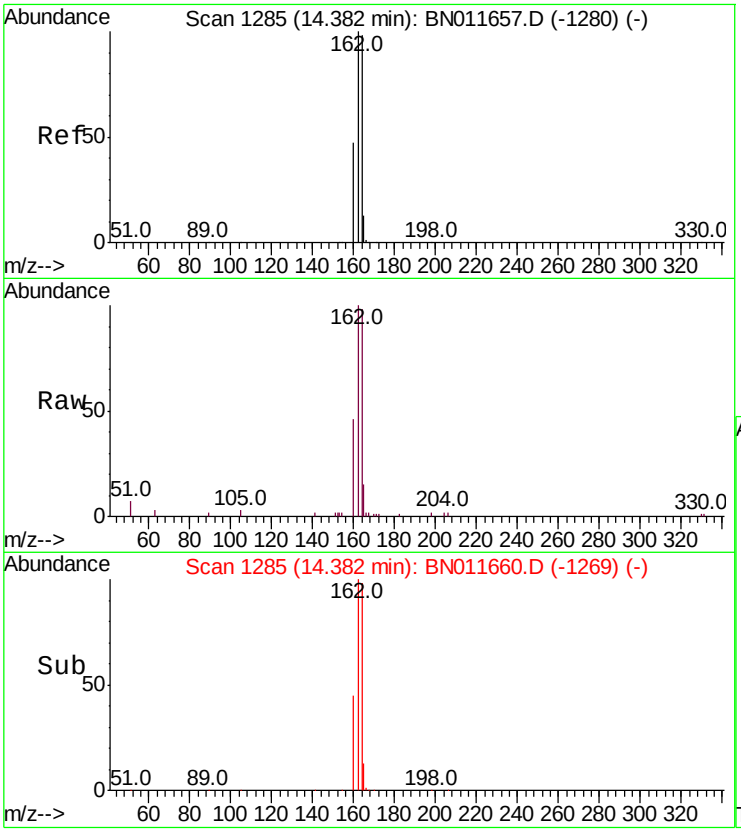


#12
2-Methylnaphthalene
Concen: 3.018 ng
RT: 12.20 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:142 Resp: 45399

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	38.0	31.3	46.9



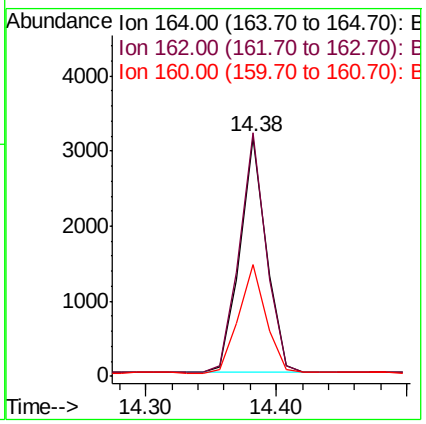


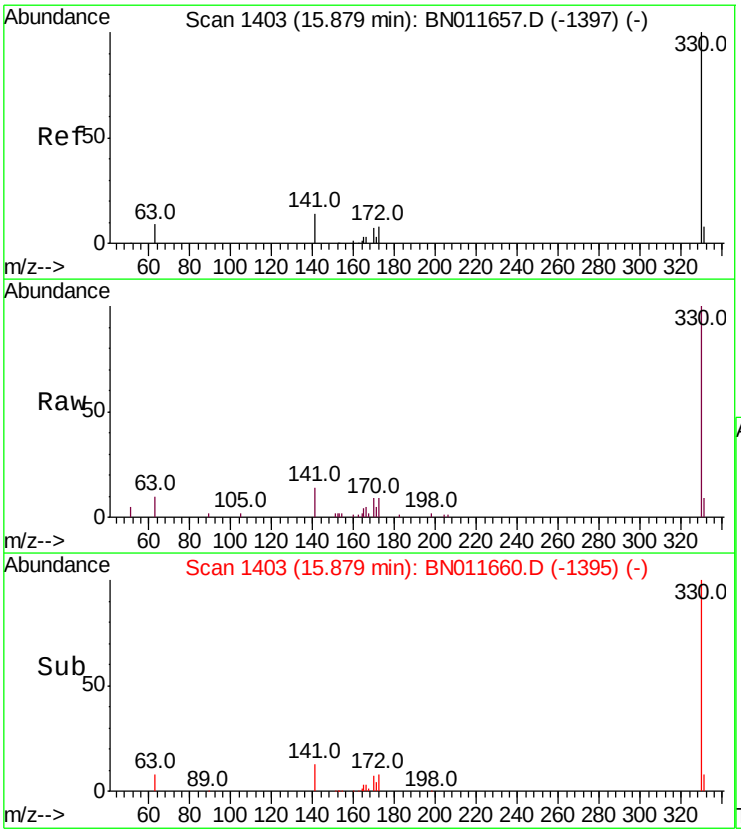
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 4441

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	46.8	38.5	57.7

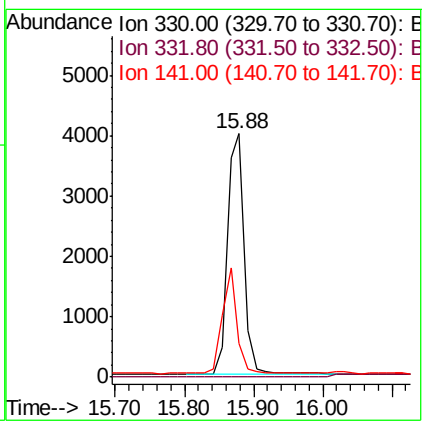


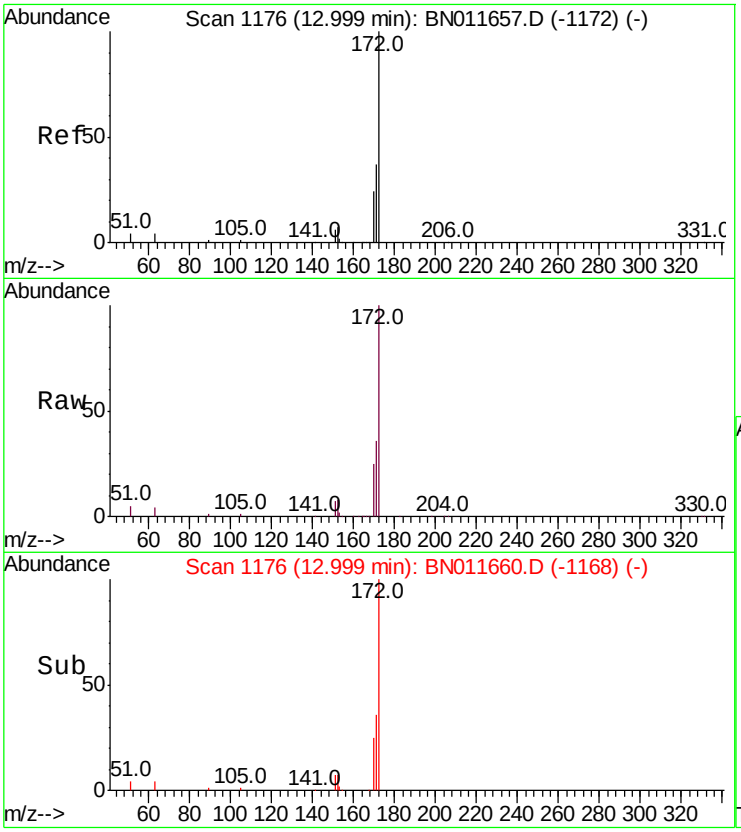


#14
2,4,6-Tribromophenol
Concen: 2.826 ng
RT: 15.88 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:330 Resp: 6895

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.1	30.0	45.0



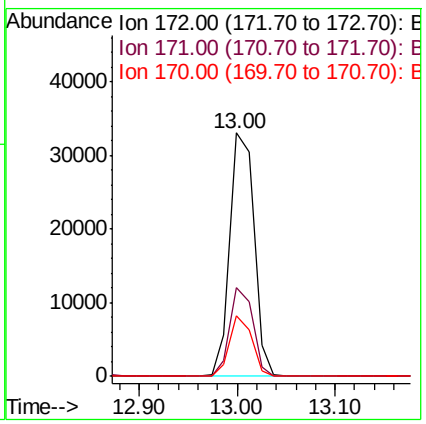


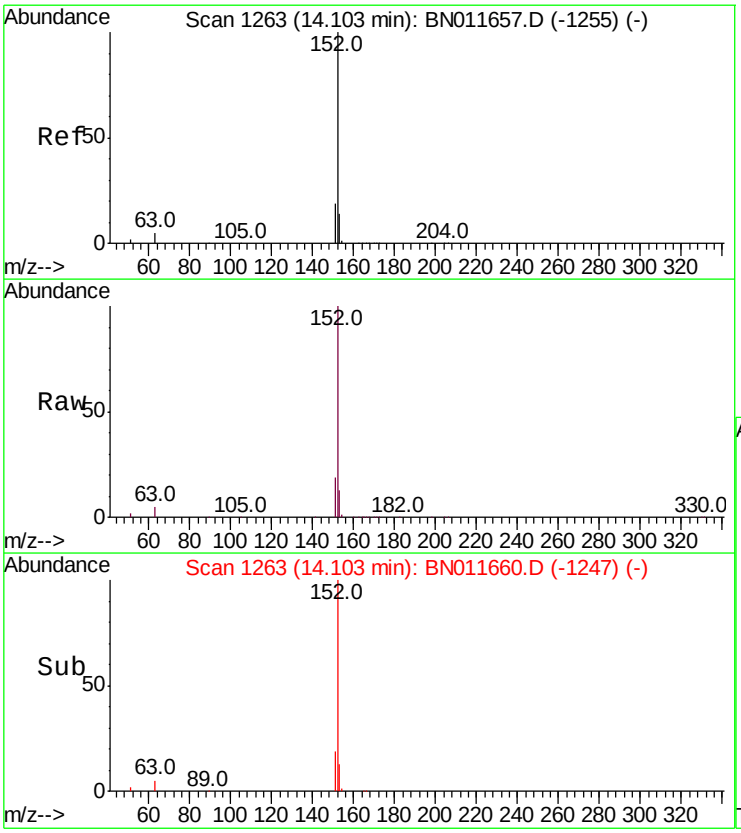
#15
2-Fluorobiphenyl
Concen: 3.242 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 56047

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	24.7	20.1	30.1

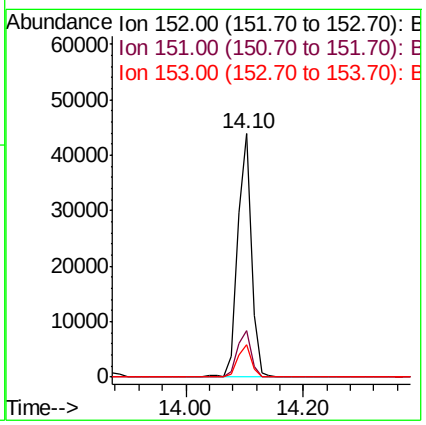


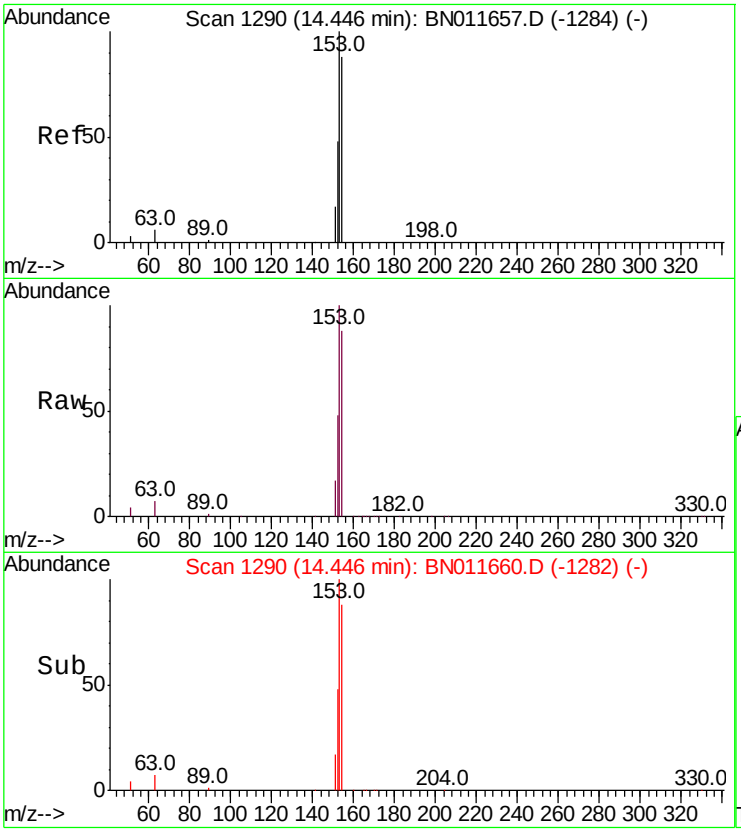


#16
Acenaphthylene
Concen: 2.935 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:152 Resp: 68679

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.2	10.5	15.7



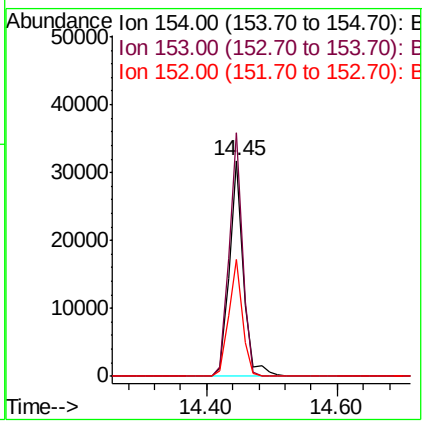


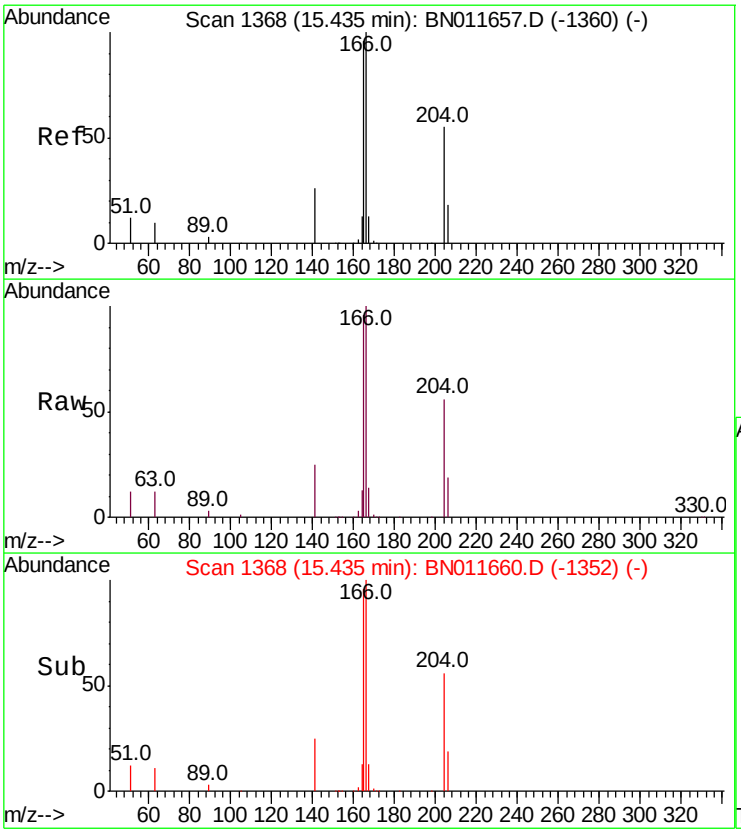
#17
Acenaphthene
Concen: 3.145 ng
RT: 14.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 46676

Ion	Ratio	Lower	Upper
154	100		
153	108.0	89.2	133.8
152	52.7	44.1	66.1

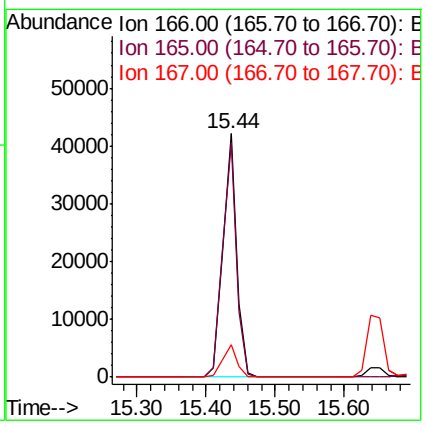


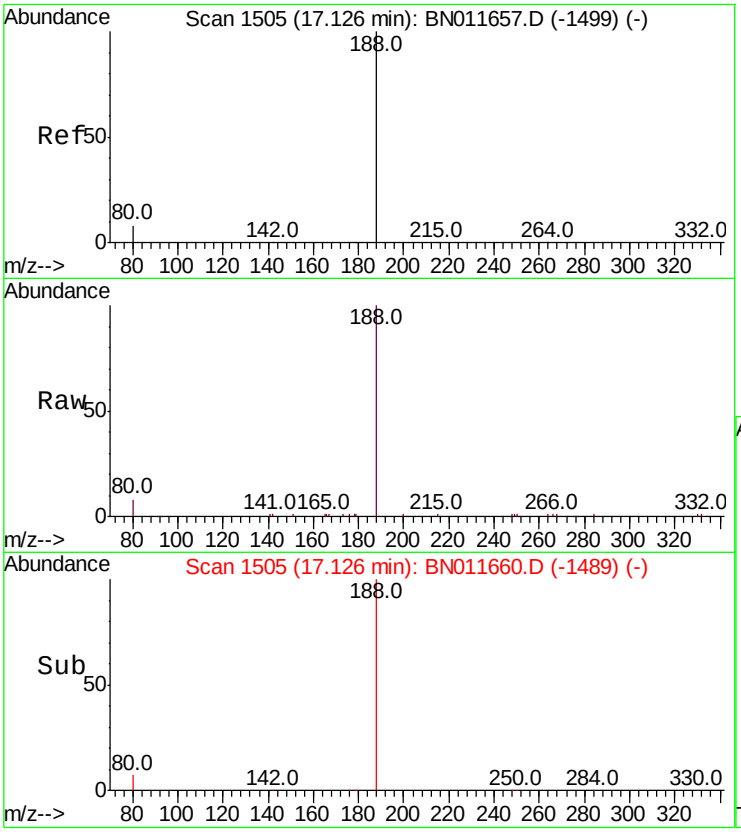


#18
Fluorene
Concen: 3.101 ng
RT: 15.44 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:166 Resp: 59567

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.7	116.5
167	13.4	11.0	16.4



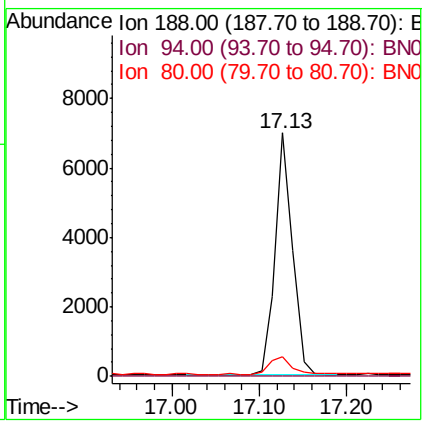


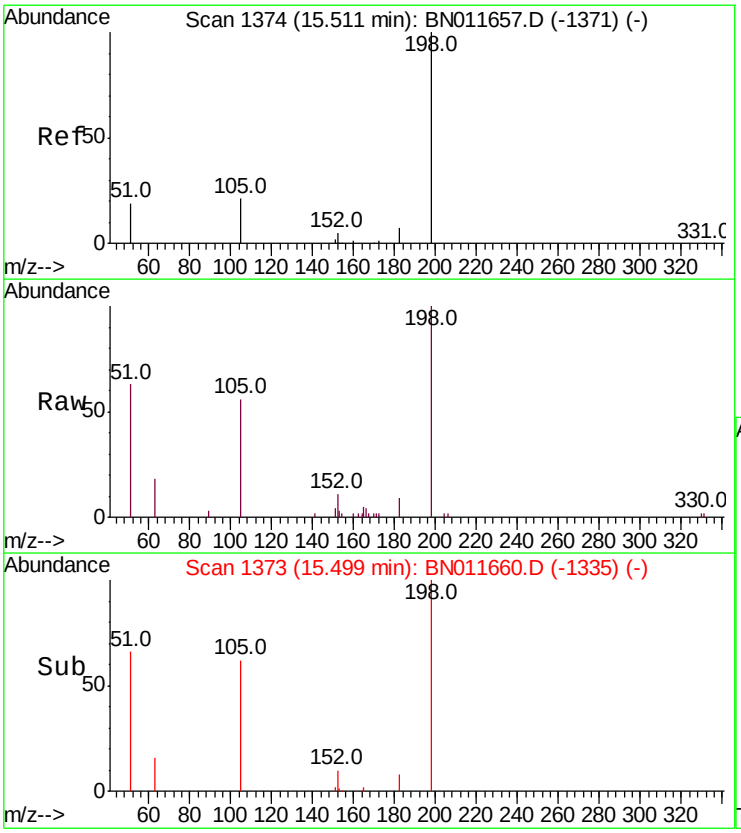
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 9736

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.6	9.8

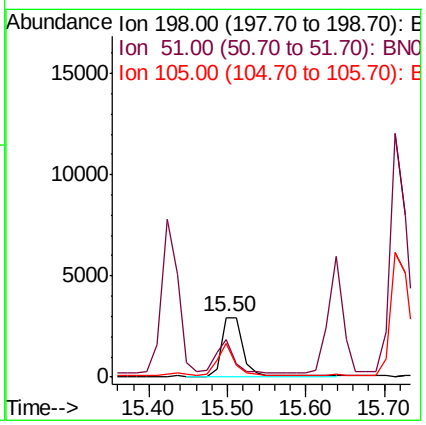


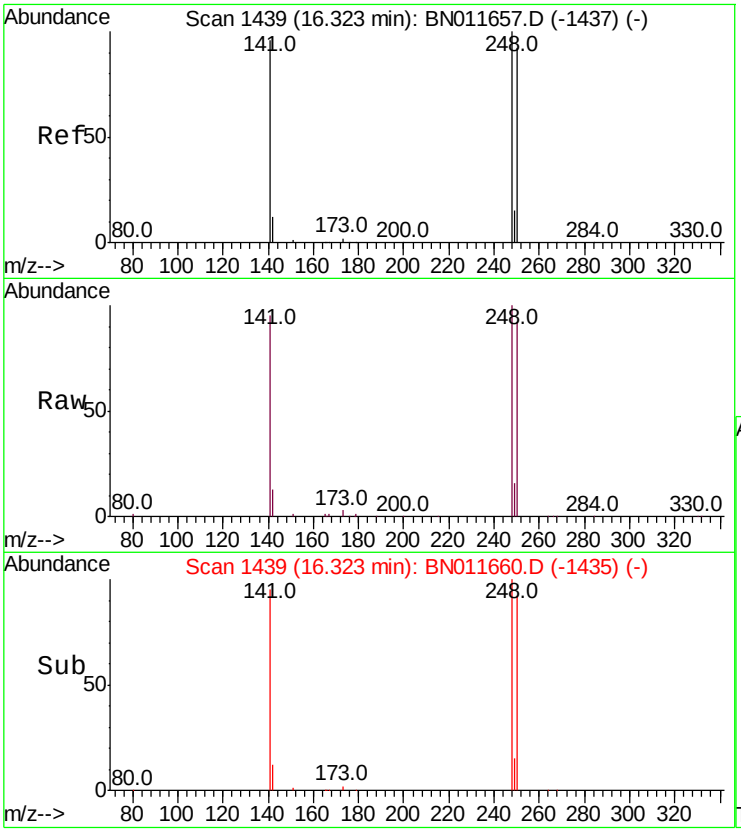


#20
4,6-Dinitro-2-methylphenol
Concen: 4.774 ng
RT: 15.50 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:198 Resp: 5359

Ion	Ratio	Lower	Upper
198	100		
51	63.4	58.6	87.8
105	56.1	31.7	47.5#



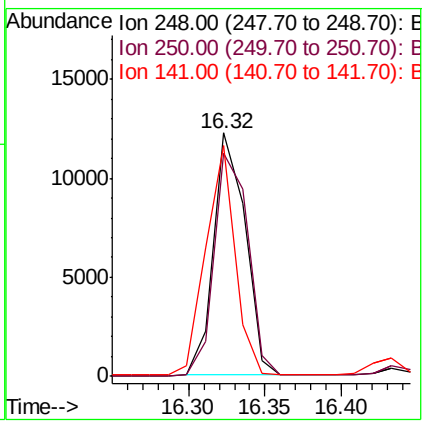


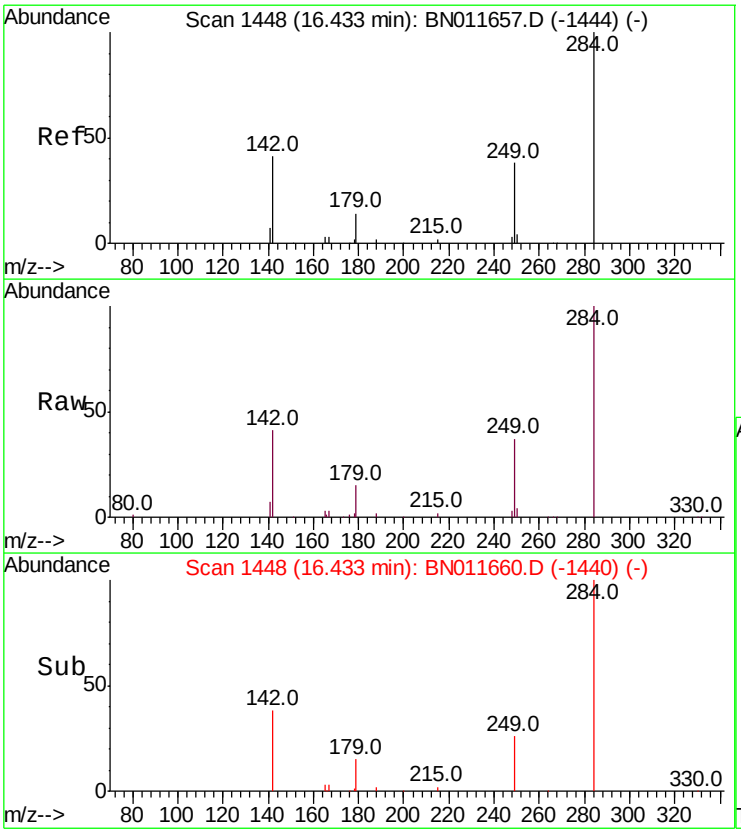
#21
4-Bromophenyl-phenylether
Concen: 3.078 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 17483

Ion	Ratio	Lower	Upper
248	100		
250	91.7	73.9	110.9
141	95.0	79.8	119.6

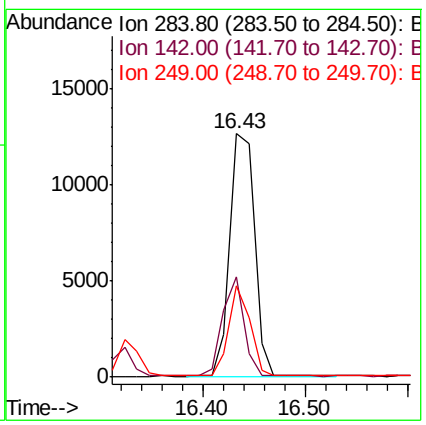


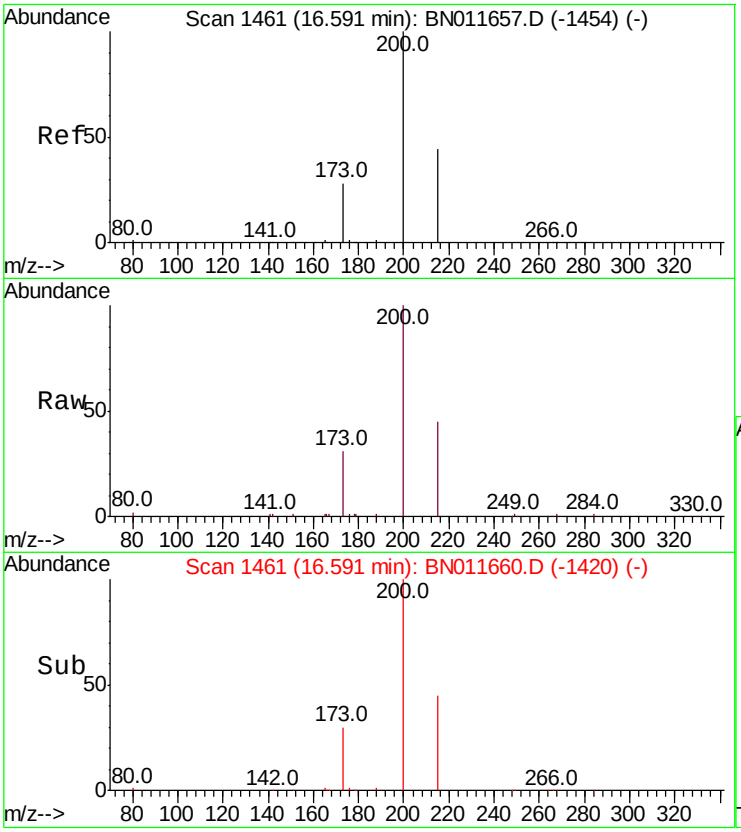


#22
Hexachlorobenzene
Concen: 3.186 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:284 Resp: 20917

Ion	Ratio	Lower	Upper
284	100		
142	35.5	29.0	43.4
249	32.0	25.7	38.5



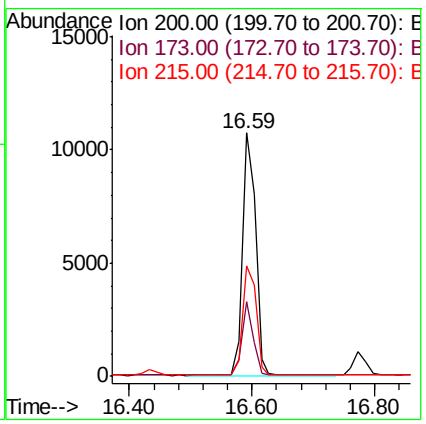


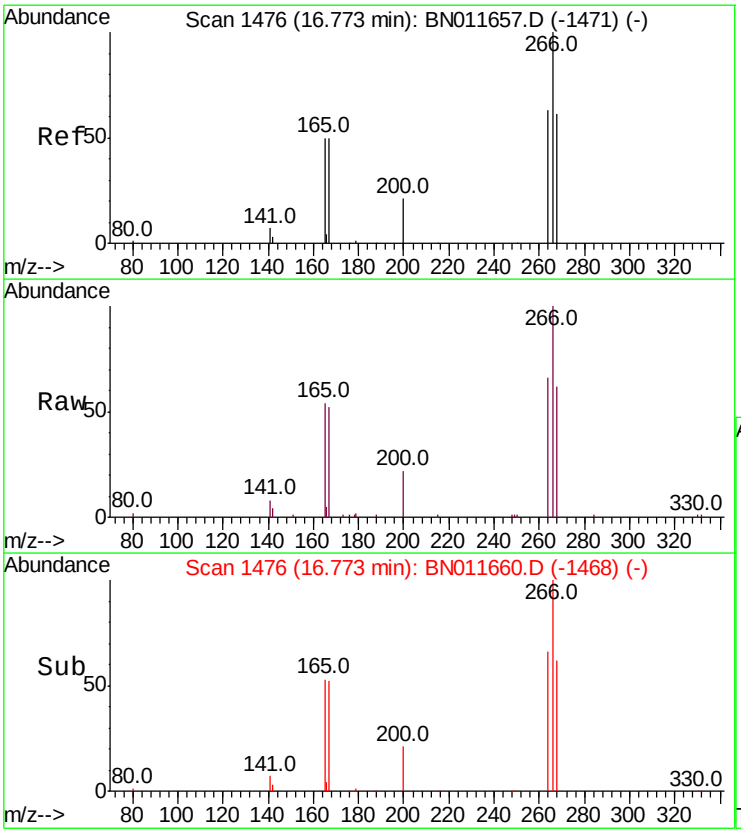
#23
Atrazine
Concen: 2.768 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 15526

Ion	Ratio	Lower	Upper
200	100		
173	30.8	24.3	36.5
215	45.2	36.4	54.6

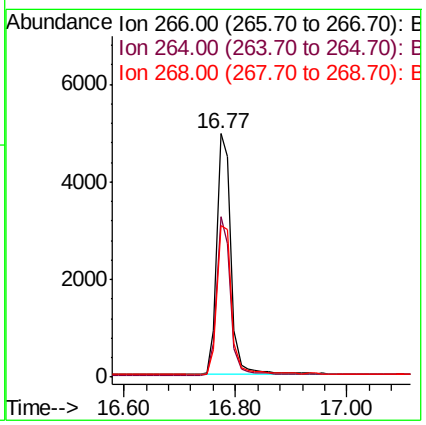


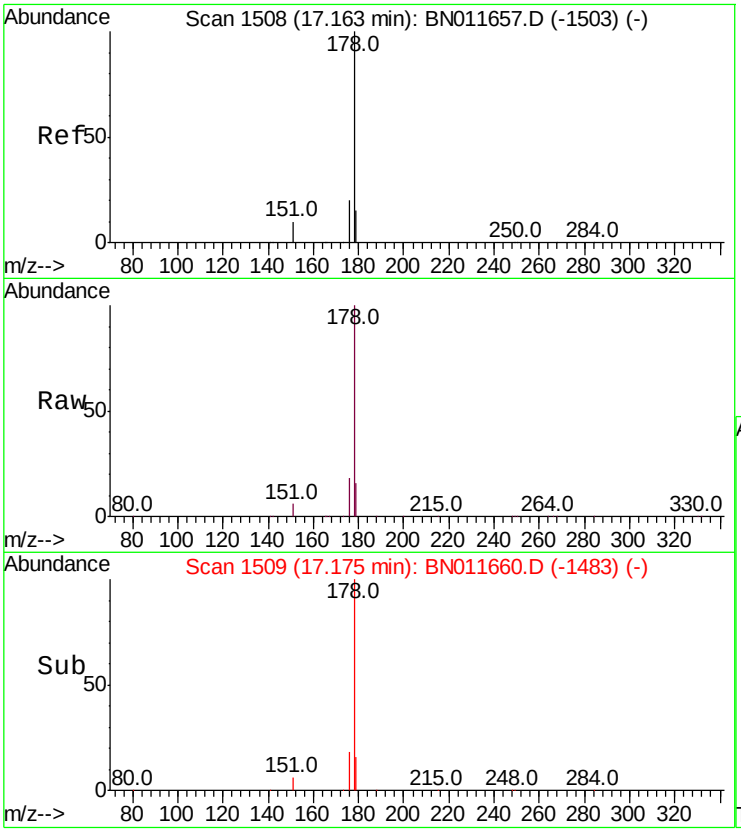


#24
Pentachlorophenol
Concen: 3.031 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:266 Resp: 8783

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.5	74.3
268	63.3	53.0	79.4



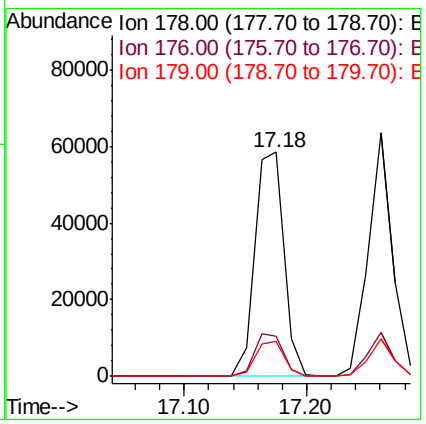


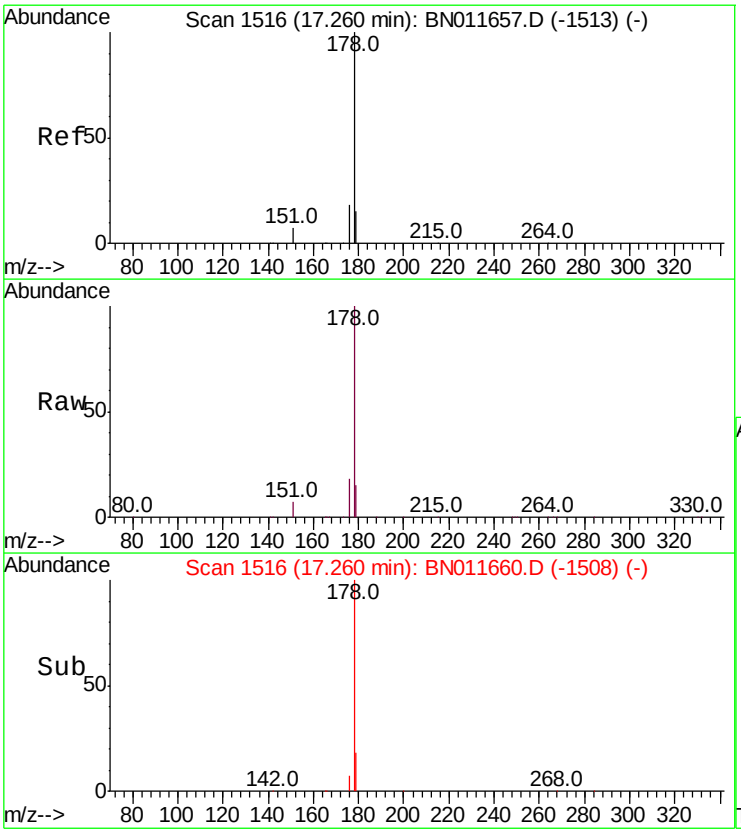
#25
Phenanthrene
Concen: 3.207 ng
RT: 17.18 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 97016

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.3	12.4	18.6

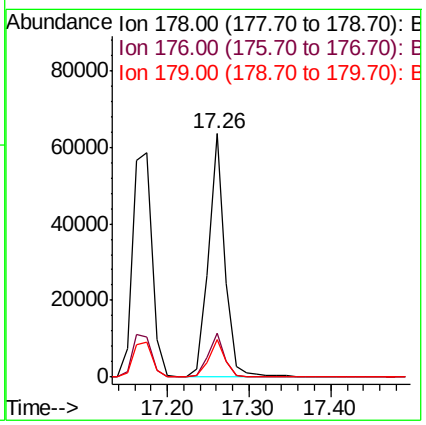


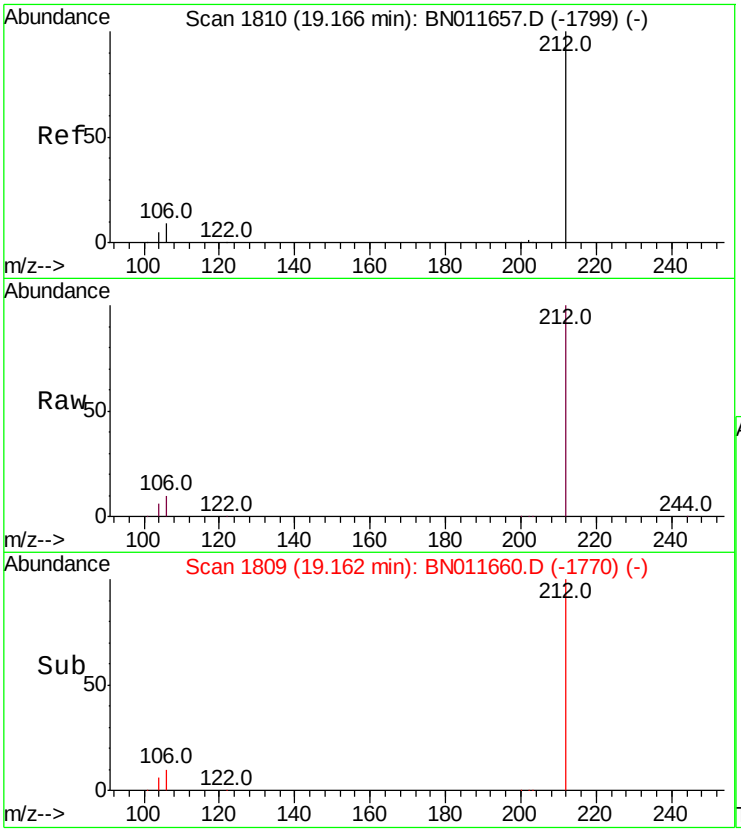


#26
Anthracene
Concen: 2.954 ng
RT: 17.26 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:178 Resp: 88012

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



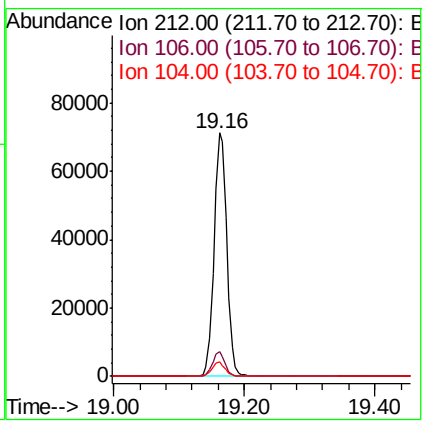


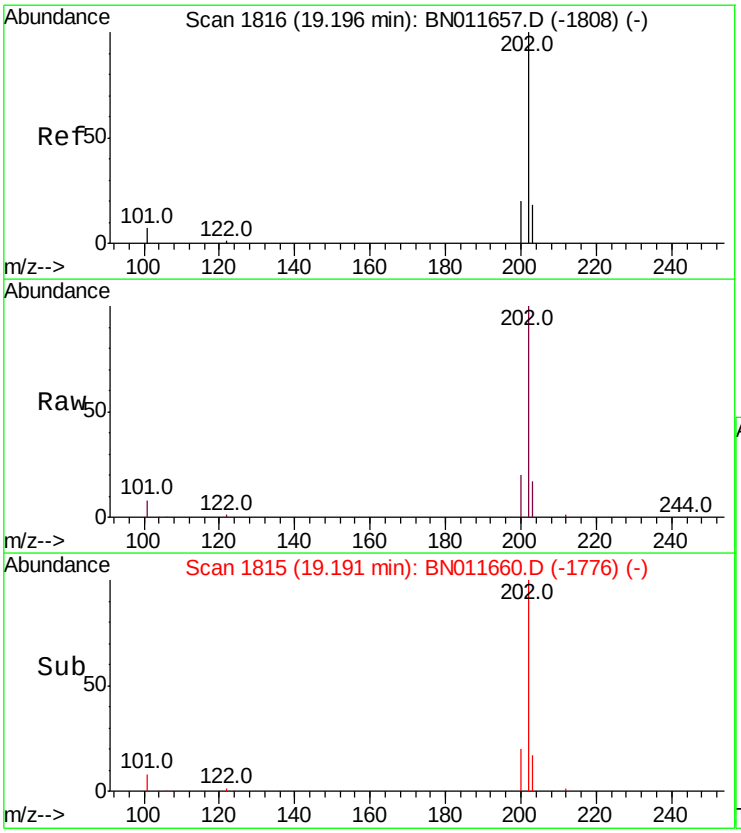
#27
Fluoranthene-d10
Concen: 3.030 ng
RT: 19.16 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 96159

Ion	Ratio	Lower	Upper
212	100		
106	9.7	7.6	11.4
104	5.6	4.6	6.8

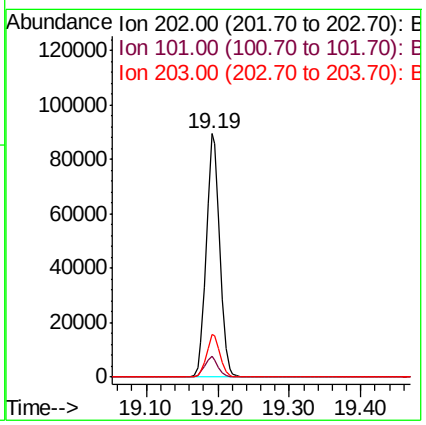


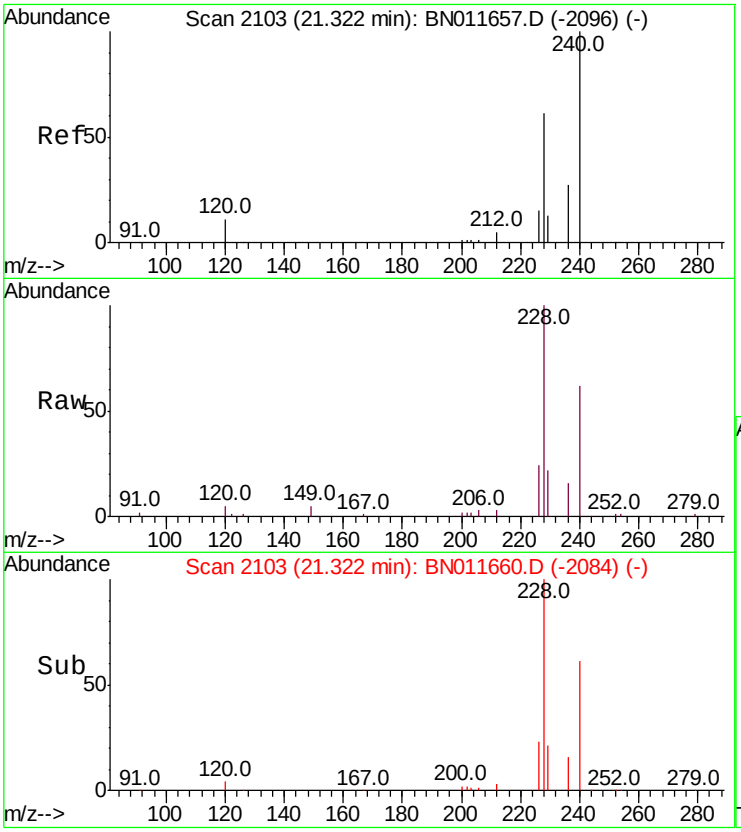


#28
Fluoranthene
Concen: 3.185 ng
RT: 19.19 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:202 Resp: 116749

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.5	9.7
203	17.3	13.8	20.6



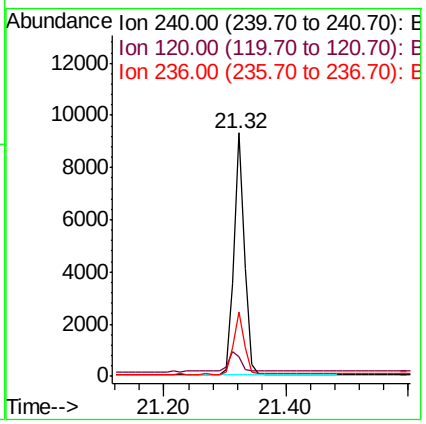


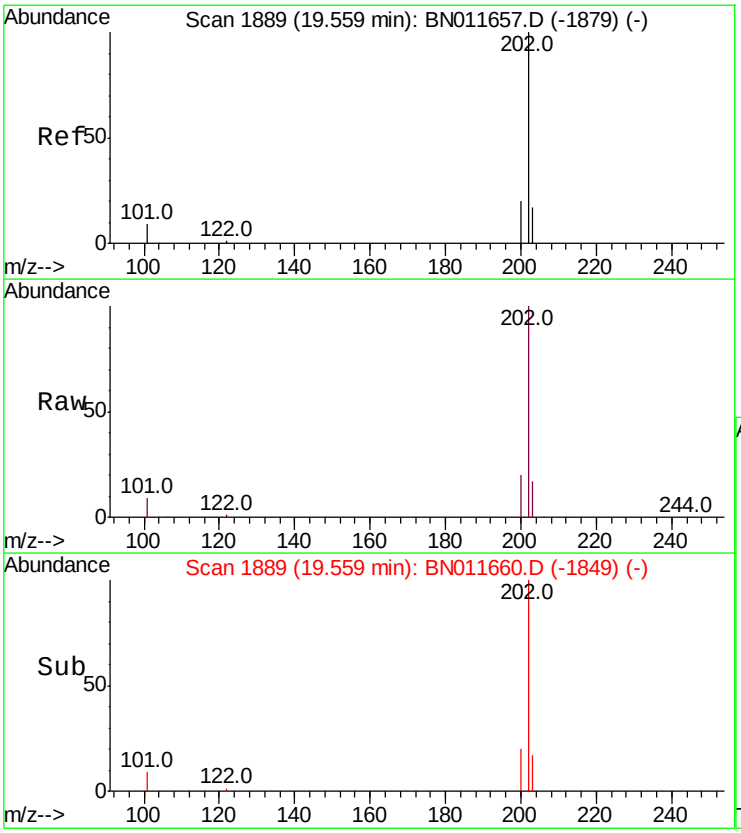
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 11217

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.9	14.9#
236	26.7	22.2	33.4

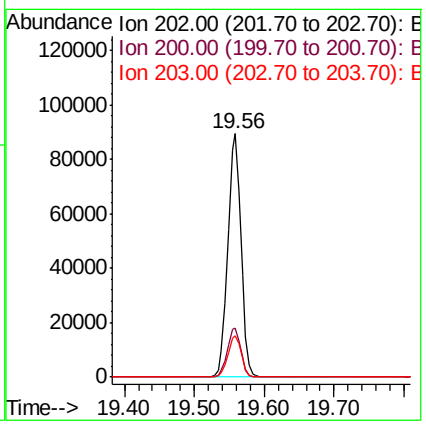


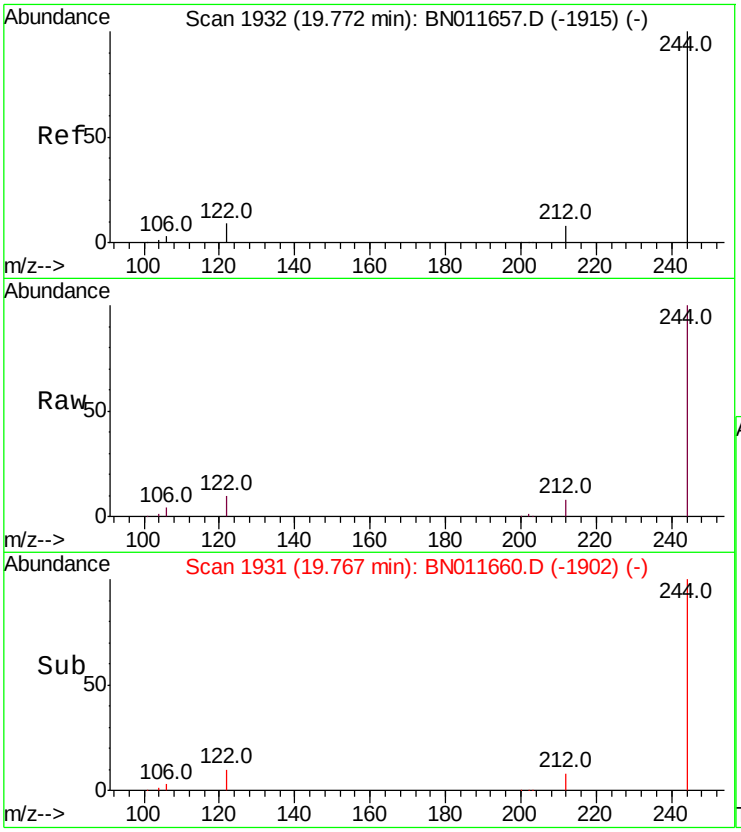


#30
Pyrene
Concen: 2.952 ng
RT: 19.56 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:202 Resp: 117415

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.4	14.1	21.1



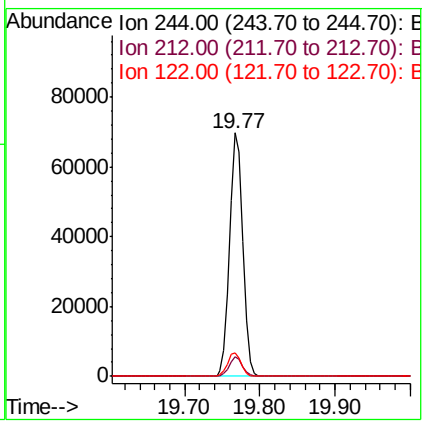


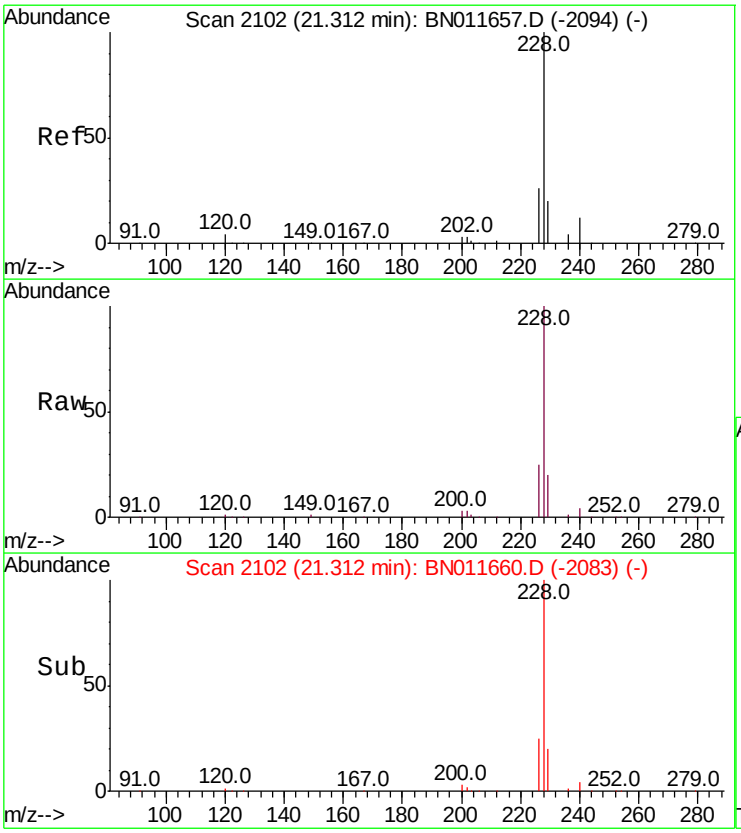
#31
Terphenyl-d14
Concen: 2.885 ng
RT: 19.77 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 82690

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.8	7.4	11.2

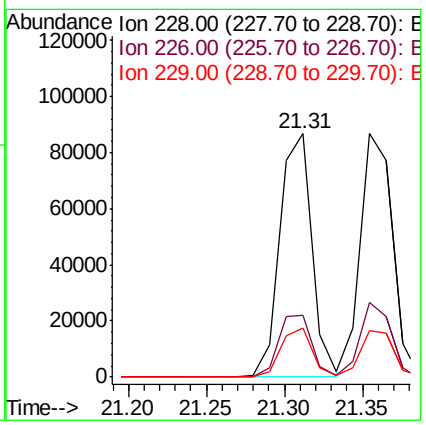


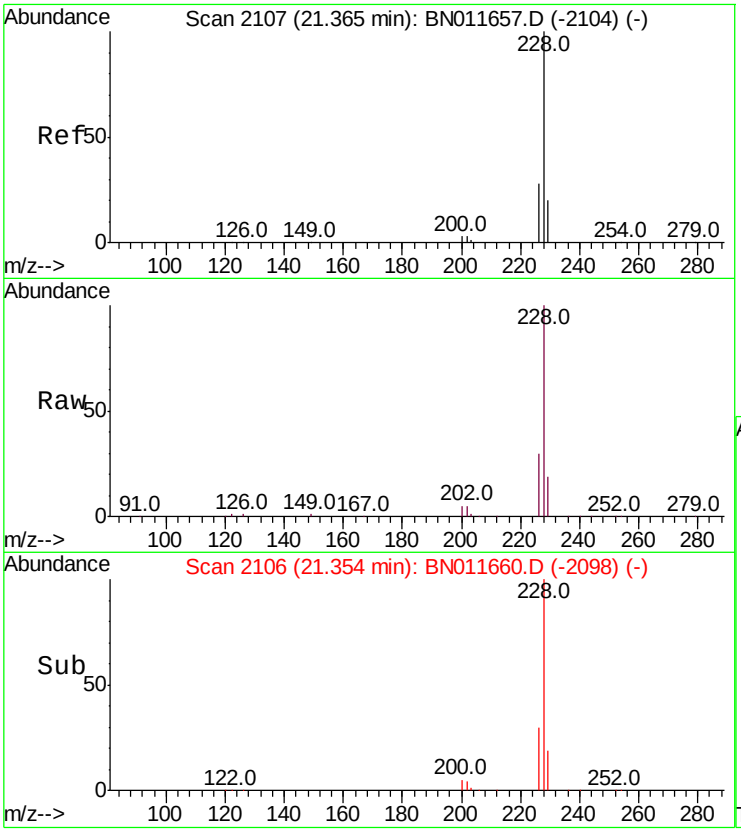


#32
Benzo(a)anthracene
Concen: 3.041 ng
RT: 21.31 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:228 Resp: 123034

Ion	Ratio	Lower	Upper
228	100		
226	25.2	21.2	31.8
229	20.2	16.0	24.0



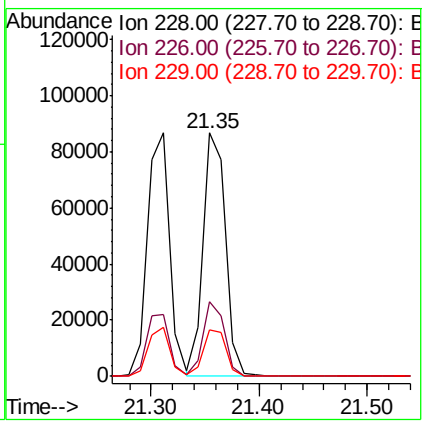


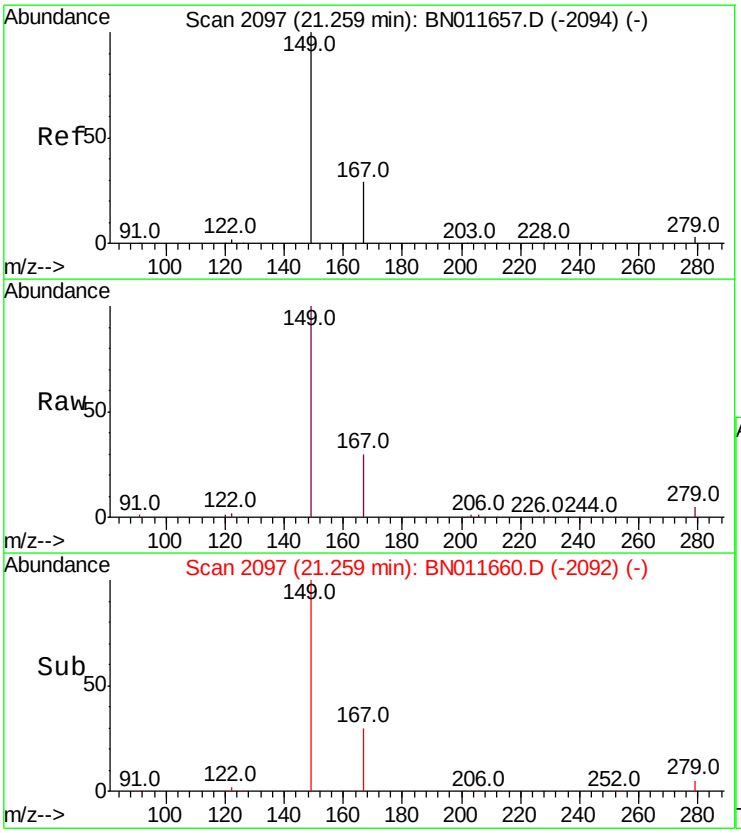
#33
Chrysene
Concen: 3.210 ng
RT: 21.35 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 123809

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.7	34.1
229	19.1	15.9	23.9

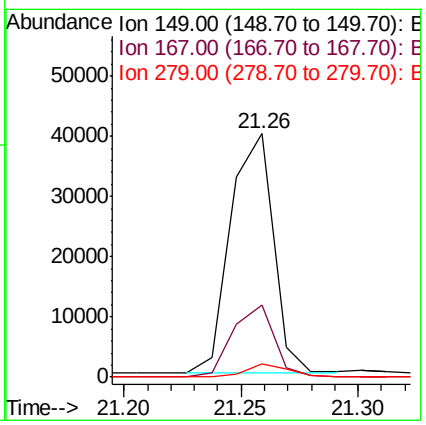


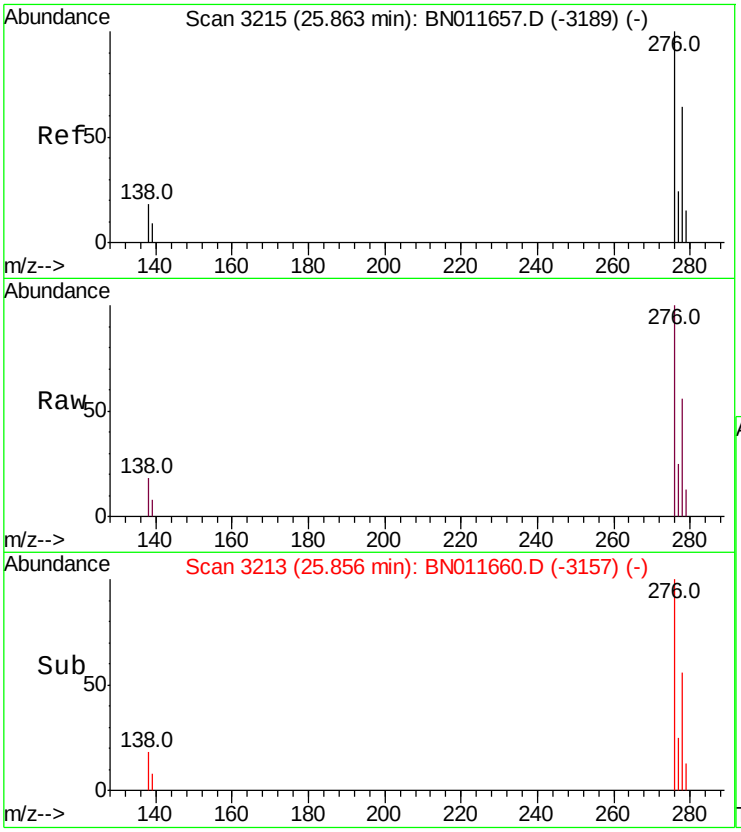


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.761 ng
RT: 21.26 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:149 Resp: 50726

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.2	34.8
279	4.7	4.0	6.0



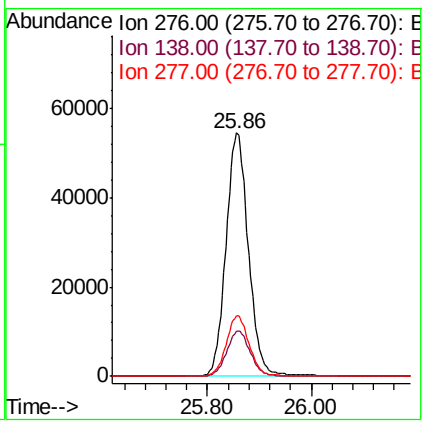


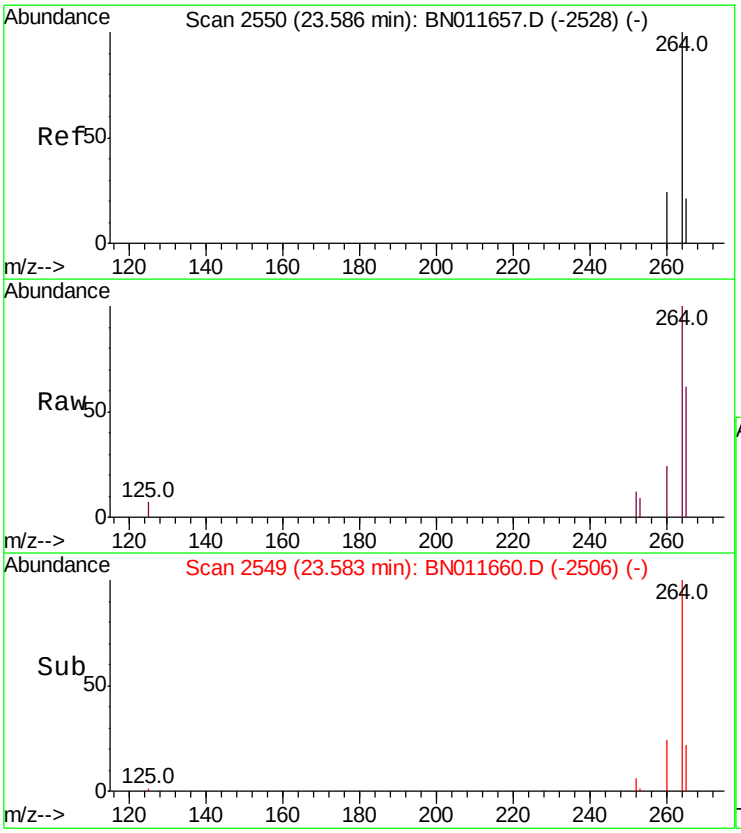
#35
Indeno(1,2,3-cd)pyrene
Concen: 3.467 ng
RT: 25.86 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 163173

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.4	23.2
277	25.2	20.1	30.1

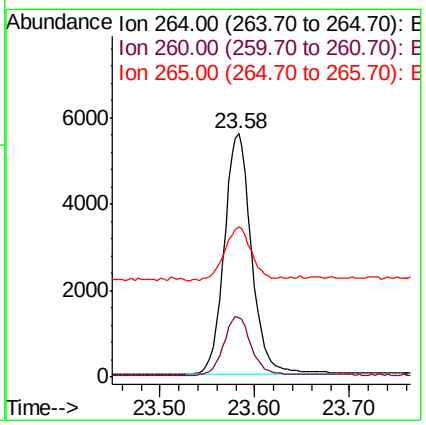


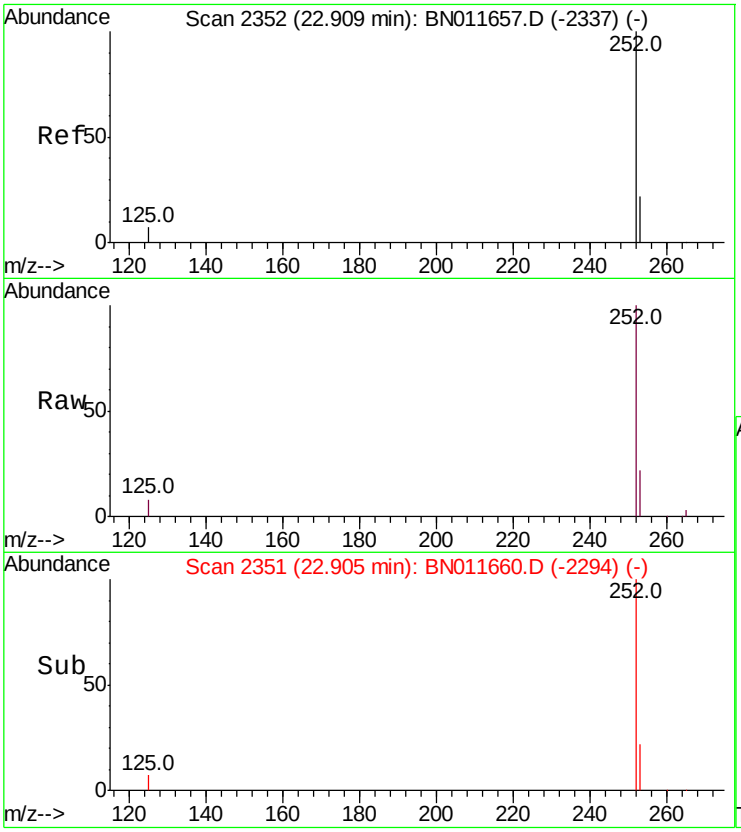


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:264 Resp: 11098

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	61.7	38.9	58.3#



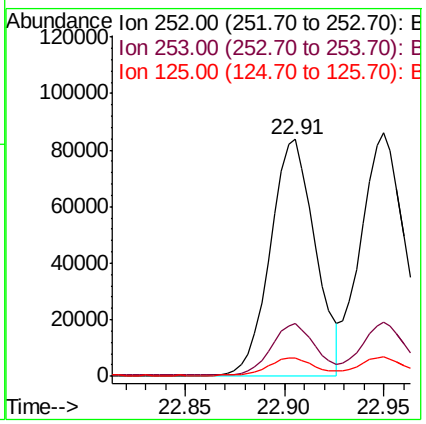


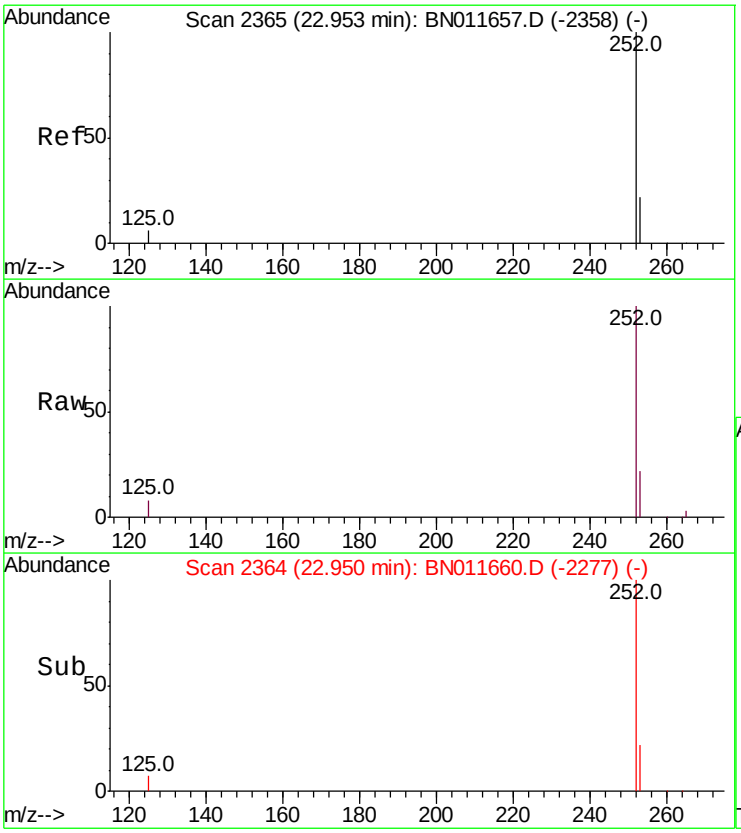
#37
Benzo(b)fluoranthene
Concen: 3.270 ng
RT: 22.91 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 131465

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.7	29.5
125	7.9	7.8	11.8

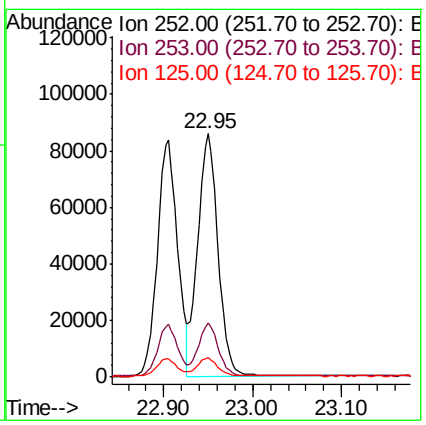


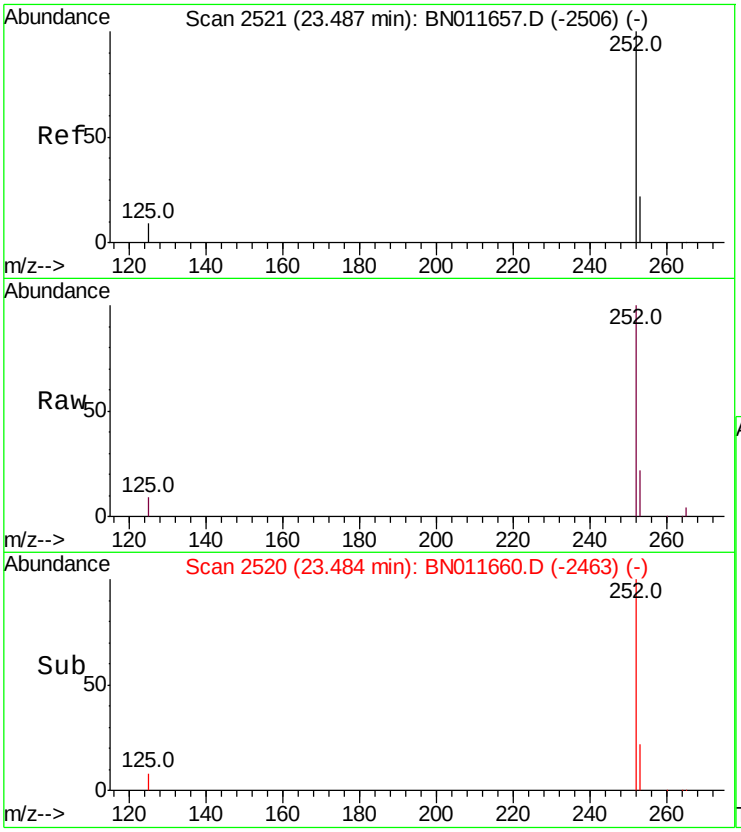


#38
Benzo(k)fluoranthene
Concen: 3.399 ng
RT: 22.95 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:252 Resp: 135888

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.4	29.0
125	7.8	8.4	12.6#



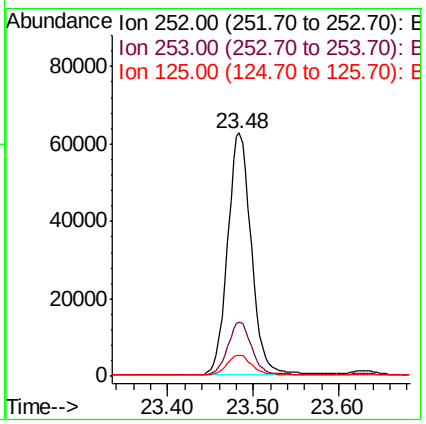


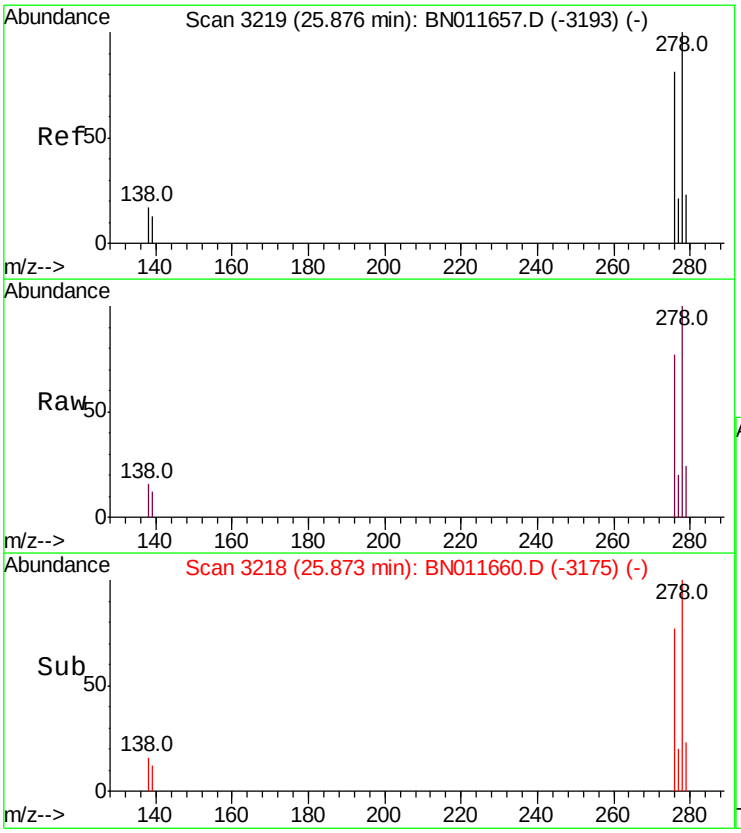
#39
Benzo(a)pyrene
Concen: 3.216 ng
RT: 23.48 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 120530

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.3	30.5
125	8.8	9.8	14.6#

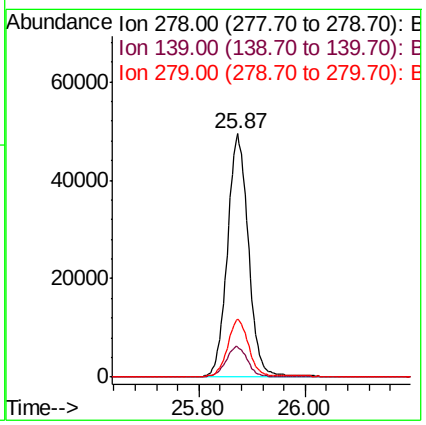


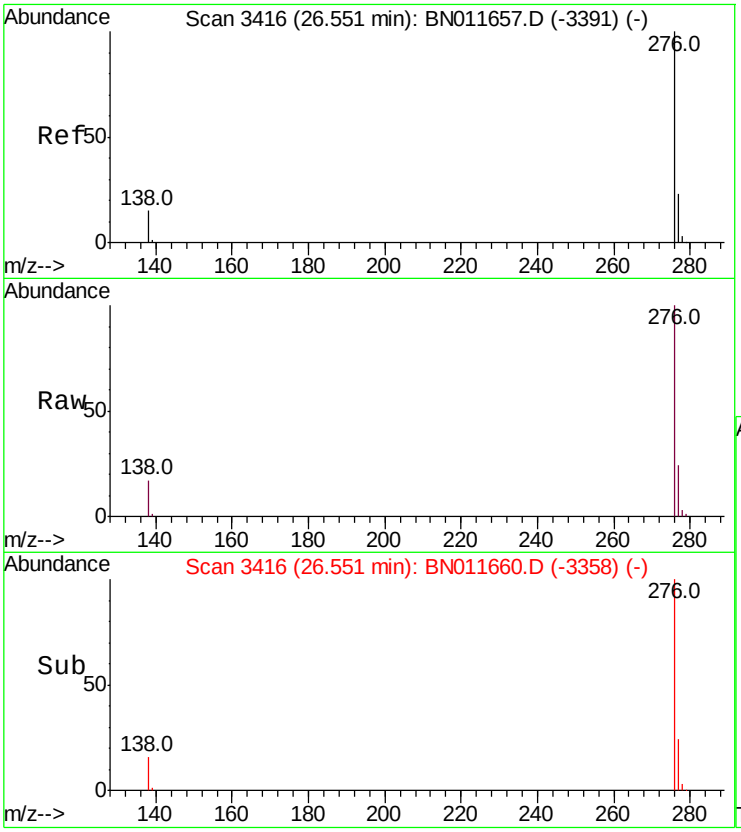


#40
Dibenzo(a,h)anthracene
Concen: 3.459 ng
RT: 25.87 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Tgt Ion:278 Resp: 135450

Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.0	16.6
279	23.6	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 3.488 ng
RT: 26.55 min Scan# 3416
Delta R.T. 0.00 min
Lab File: BN011660.D
Acq: 27 Aug 2020 12:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 132638

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.7	29.5
138	16.6	13.4	20.2