Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011564.D
Acq On : 21 Aug 2020 20:37
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN082120

Quant Time: Aug 22 05:50:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1422	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5138	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	3461	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	7975	0.40	ng		0.00
29) Chrysene-d12	21.01	240	7639	0.40	ng		0.00
36) Perylene-d12	23.11	264	7093	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1130	0.37	ng		0.00
5) Phenol-d6	6.63	99	1016	0.33	ng		0.00
8) Nitrobenzene-d5	8.55	82	1155	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	3392	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	561	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	5218	0.37	ng		0.00
27) Fluoranthene-d10	18.83	212	9020	0.34	ng		0.00
31) Terphenyl-d14	19.46	244	6867	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	774	0.398	ng	#	100
3) n-Nitrosodimethylamine	3.47	42	279	0.348	ng	#	83
6) bis(2-Chloroethyl)ether	6.87	93	1028	0.343	ng		96
9) Naphthalene	10.19	128	5539	0.372	ng		98
10) Hexachlorobutadiene	10.48	225	1561	0.375	ng	#	100
12) 2-Methylnaphthalene	11.82	142	3819	0.373	ng		98
16) Acenaphthylene	13.75	152	6231	0.354	ng		100
17) Acenaphthene	14.09	154	4288	0.371	ng		99
18) Fluorene	15.09	166	5782	0.378	ng		100
20) 4,6-Dinitro-2-methylphenol	15.24	198	246	0.330	ng		90
21) 4-Bromophenyl-phenylether	16.02	248	640	0.367	ng		99
22) Hexachlorobenzene	16.10	284	2242	0.365	ng		99
23) Atrazine	16.30	200	1049	0.253	ng		96
24) Pentachlorophenol	16.47	266	530	0.277	ng		94
25) Phenanthrene	16.83	178	8928	0.356	ng		100
26) Anthracene	16.93	178	7145	0.341	ng		99
28) Fluoranthene	18.86	202	10839	0.336	ng		99
30) Pyrene	19.23	202	10548	0.347	ng		100
32) Benzo(a)anthracene	20.99	228	8793	0.350	ng		97
33) Chrysene	21.05	228	10772	0.377	ng		100
34) Bis(2-ethylhexyl)phthalate	20.96	149	4347	0.382	ng		100
35) Indeno(1,2,3-cd)pyrene	25.14	276	9256	0.357	ng		100
37) Benzo(b)fluoranthene	22.54	252	11885	0.453	ng		94
38) Benzo(k)fluoranthene	22.54	252	11885	0.380	ng		93
39) Benzo(a)pyrene	23.02	252	8575	0.353	ng	#	87
40) Dibenzo(a,h)anthracene	25.16	278	7066	0.348	ng		90
41) Benzo(g,h,i)perylene	25.75	276	8106	0.335	ng		96

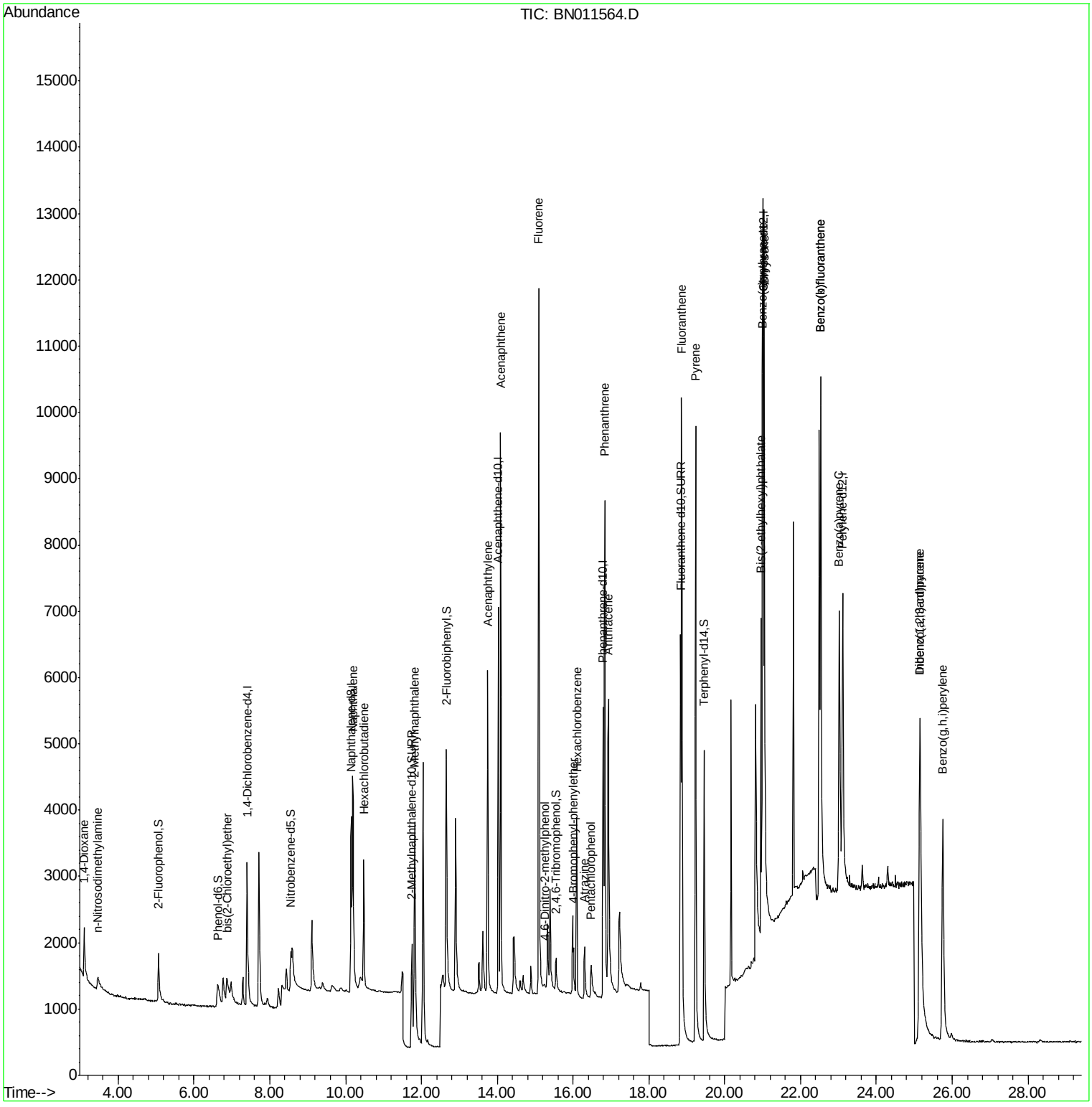
(#) = qualifier out of range (m) = manual integration (+) = signals summed

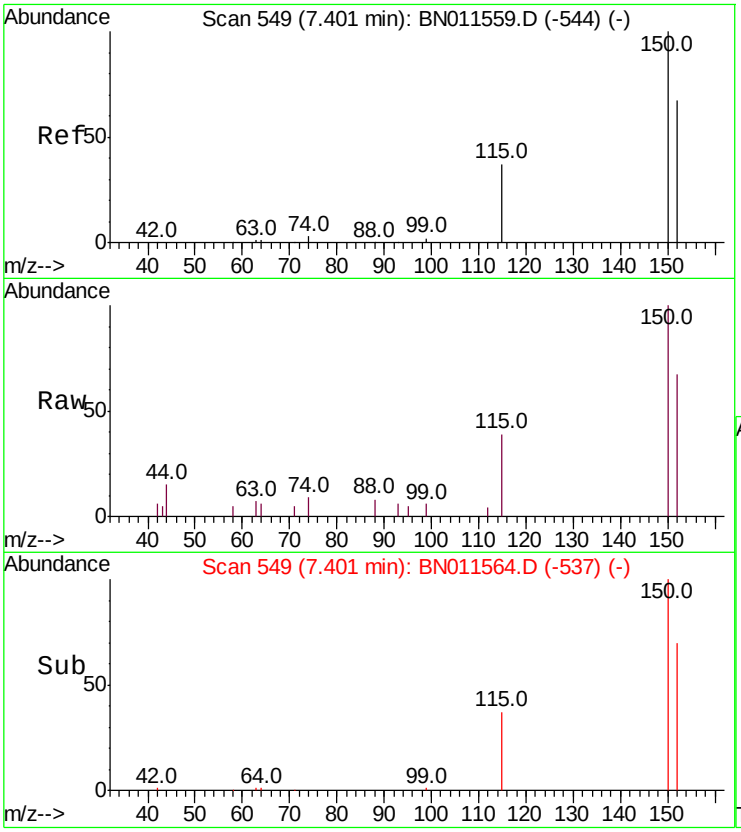
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011564.D
Acq On : 21 Aug 2020 20:37
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Quant Time: Aug 22 05:50:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration



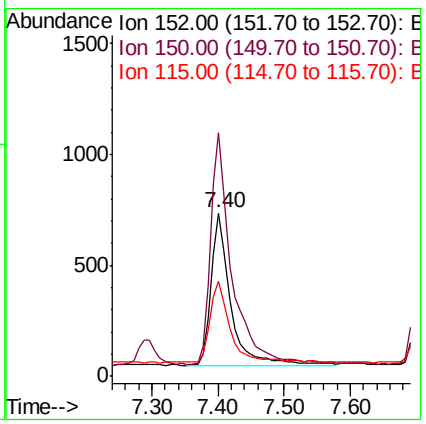


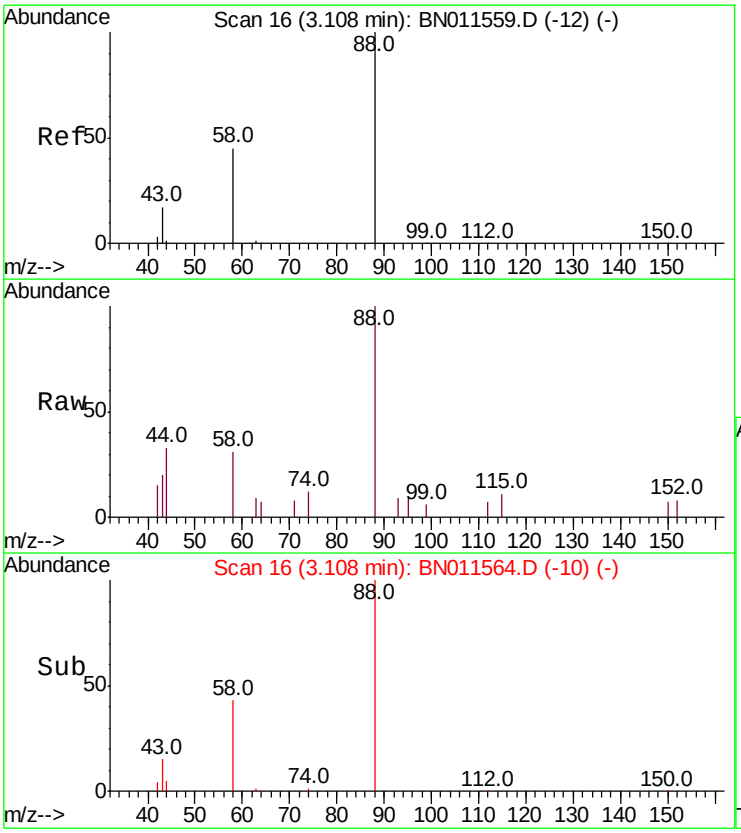
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:152 Resp: 1422

Ion	Ratio	Lower	Upper
152	100		
150	149.4	117.1	175.7
115	58.4	48.7	73.1

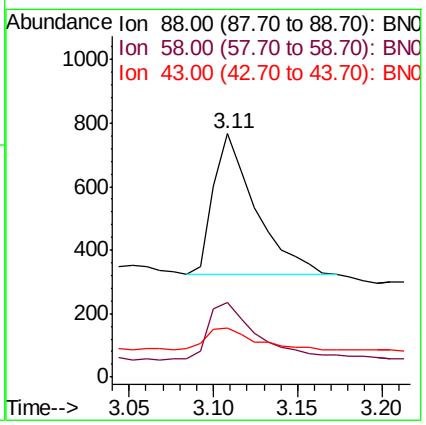


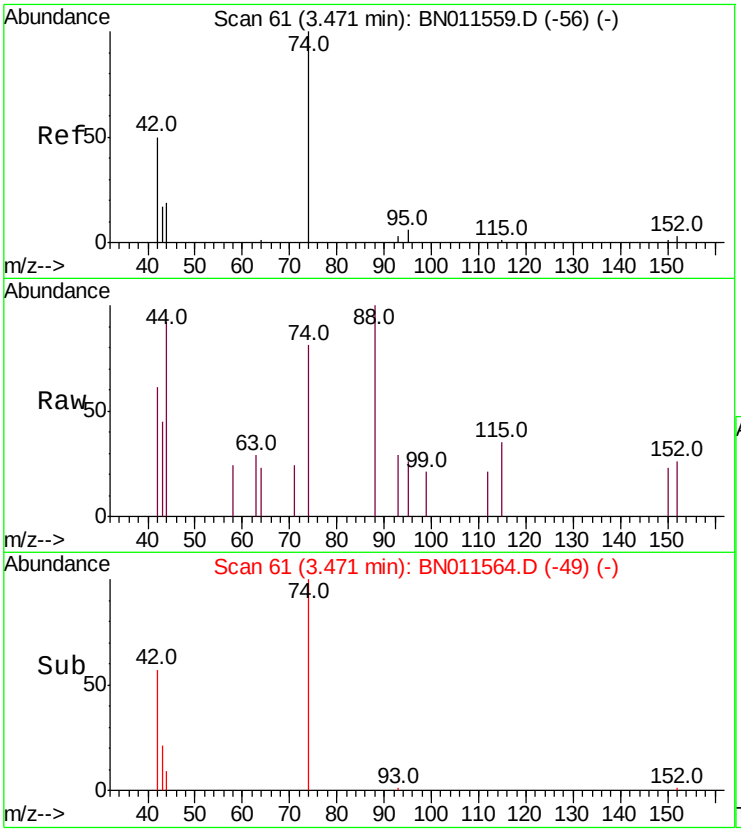


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.11 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion: 88 Resp: 774

Ion	Ratio	Lower	Upper
88	100		
58	45.7	0.0	0.0#
43	18.3	0.0	0.0#



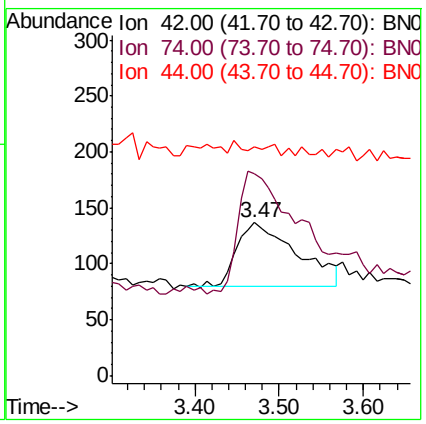


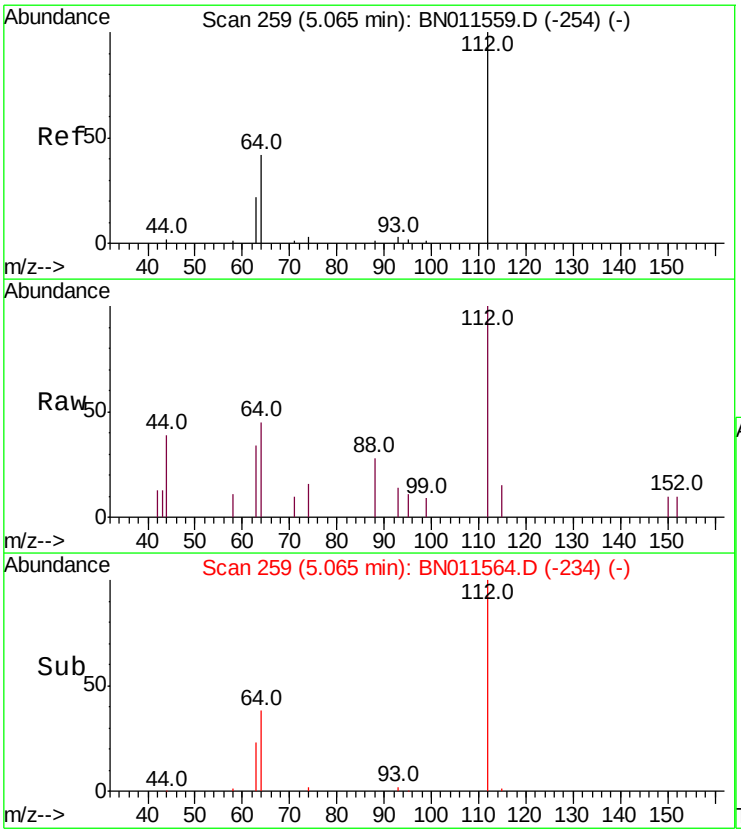
#3
n-Nitrosodimethylamine
Concen: 0.348 ng
RT: 3.47 min Scan# 61
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion: 42 Resp: 279

Ion	Ratio	Lower	Upper
42	100		
74	191.0	169.0	253.4
44	0.0	21.6	32.4#

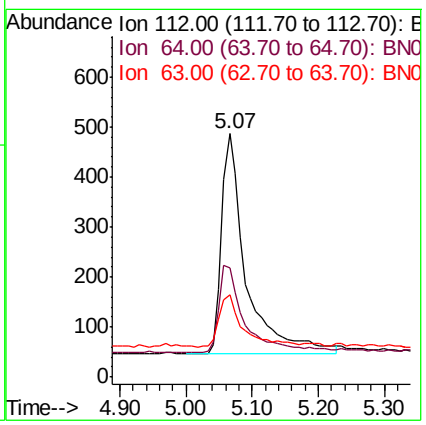


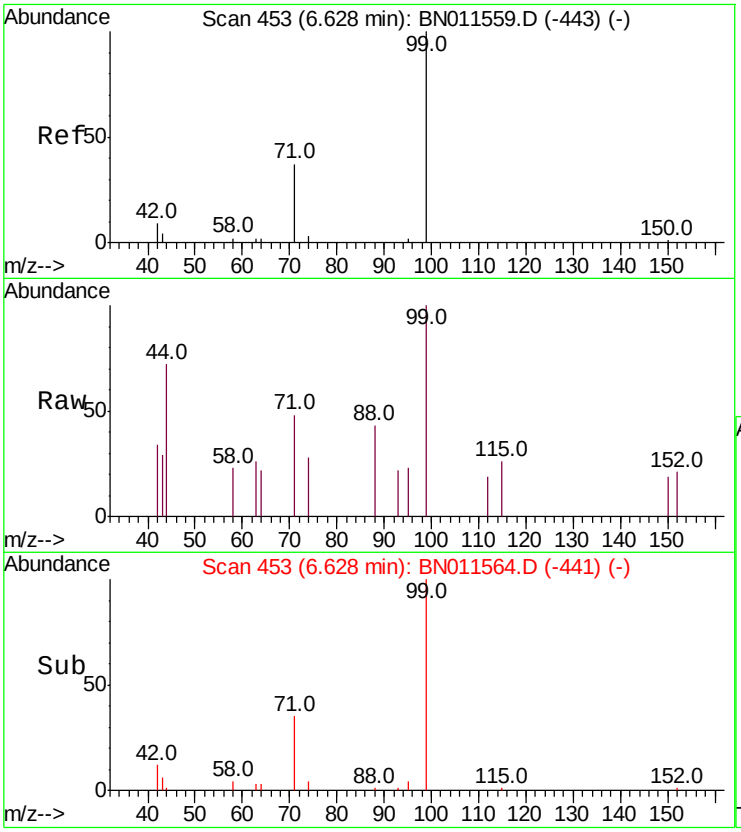


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.07 min Scan# 259
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:112 Resp: 1130

Ion	Ratio	Lower	Upper
112	100		
64	43.2	33.9	50.9
63	23.1	17.7	26.5



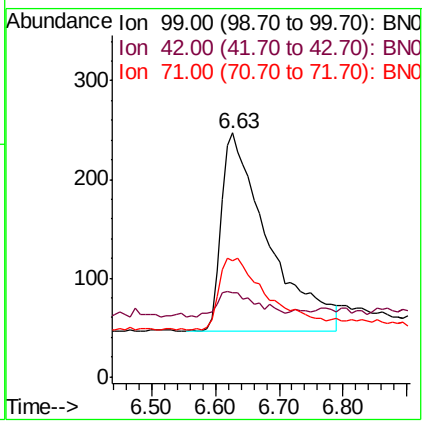


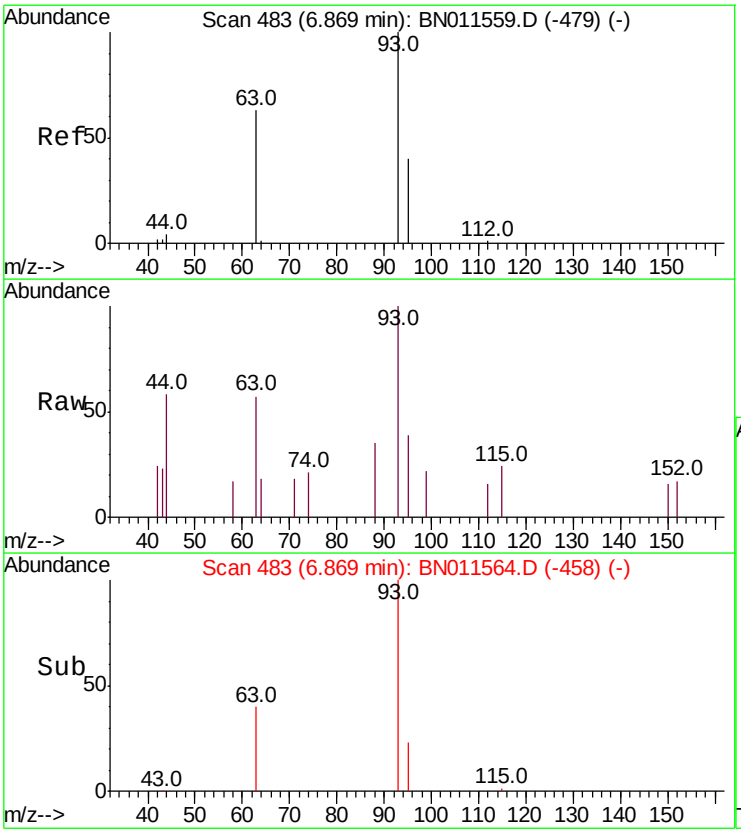
#5
Phenol-d6
Concen: 0.331 ng
RT: 6.63 min Scan# 453
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion: 99 Resp: 1016

Ion	Ratio	Lower	Upper
99	100		
42	11.3	9.0	13.4
71	37.7	30.4	45.6

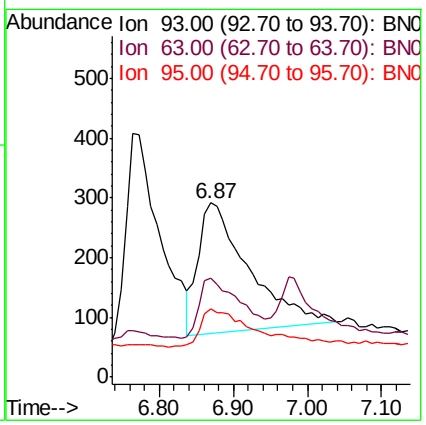


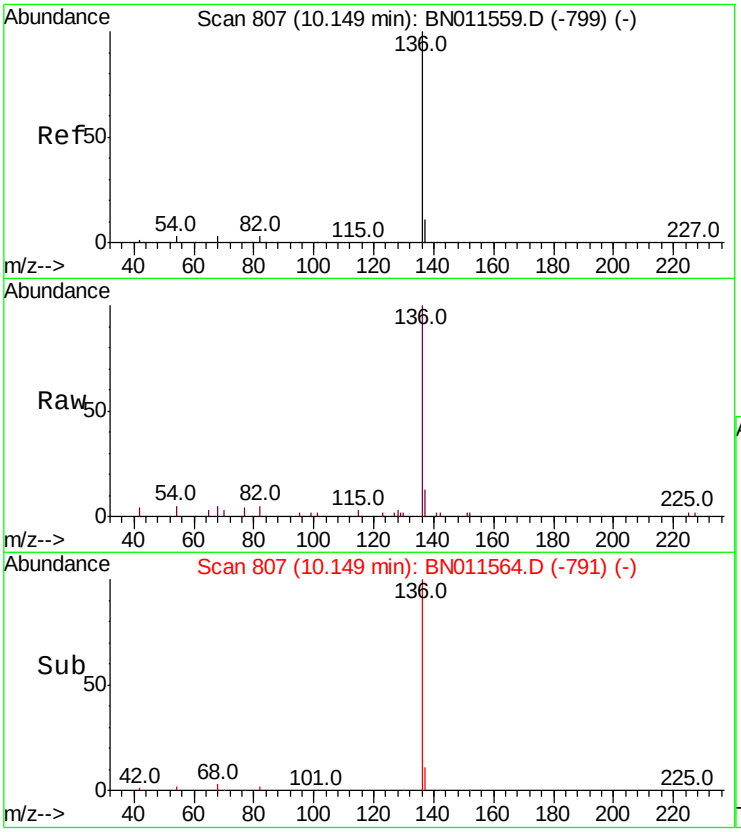


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 6.87 min Scan# 483
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion: 93 Resp: 1028

Ion	Ratio	Lower	Upper
93	100		
63	37.9	32.9	49.3
95	32.5	25.3	37.9



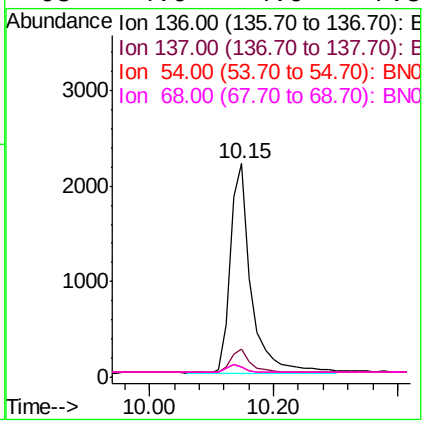


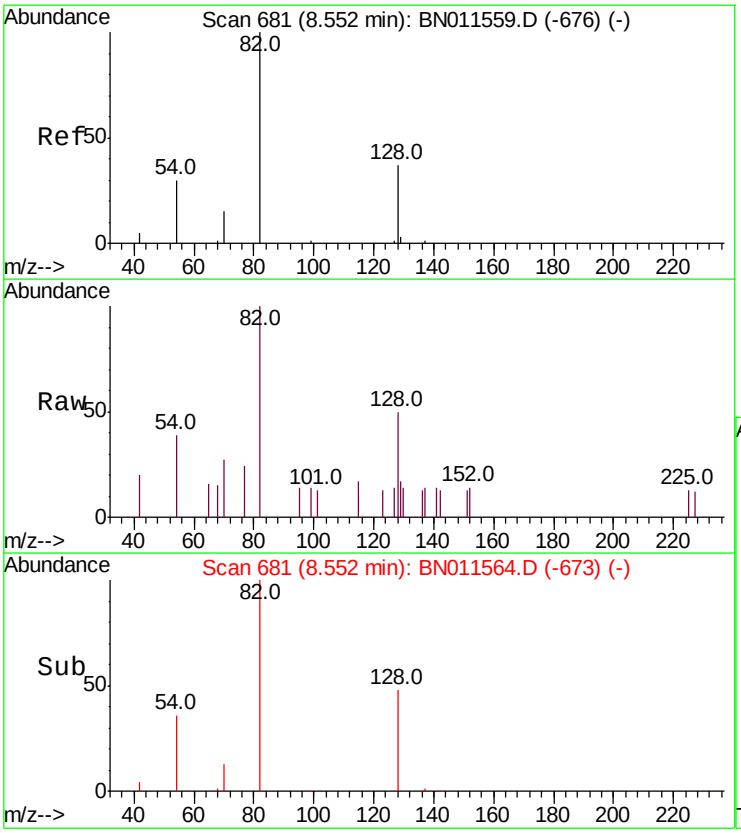
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 807
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:136 Resp: 5138

Ion	Ratio	Lower	Upper
136	100		
137	13.1	11.0	16.4
54	4.5	4.3	6.5
68	4.9	4.9	7.3

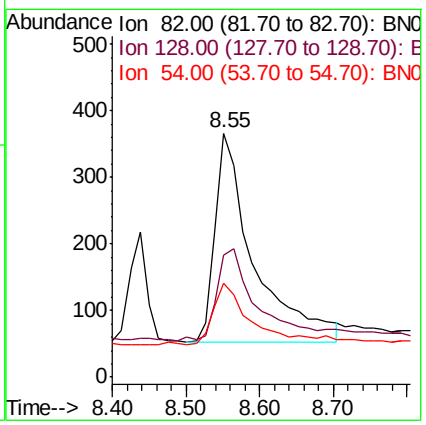


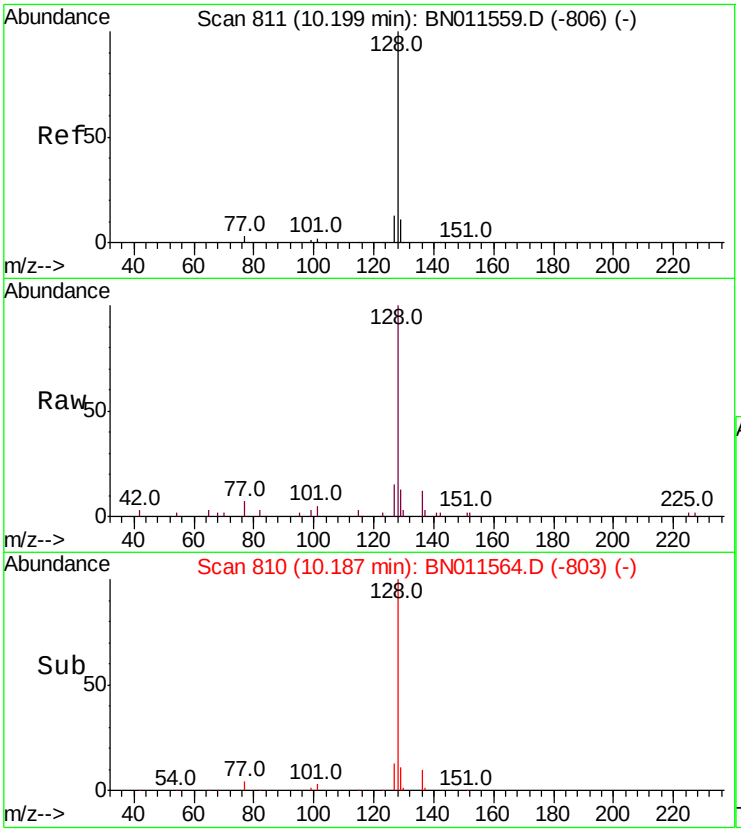


#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.55 min Scan# 681
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion: 82 Resp: 1155

Ion	Ratio	Lower	Upper
82	100		
128	50.0	41.7	62.5
54	38.5	34.4	51.6



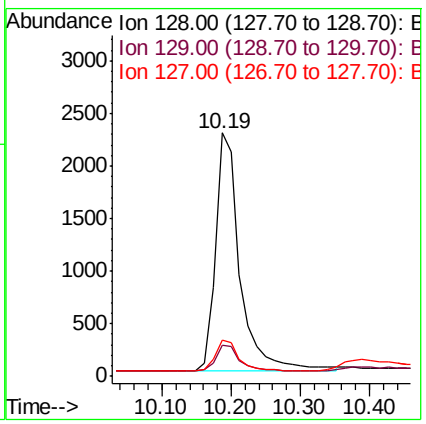


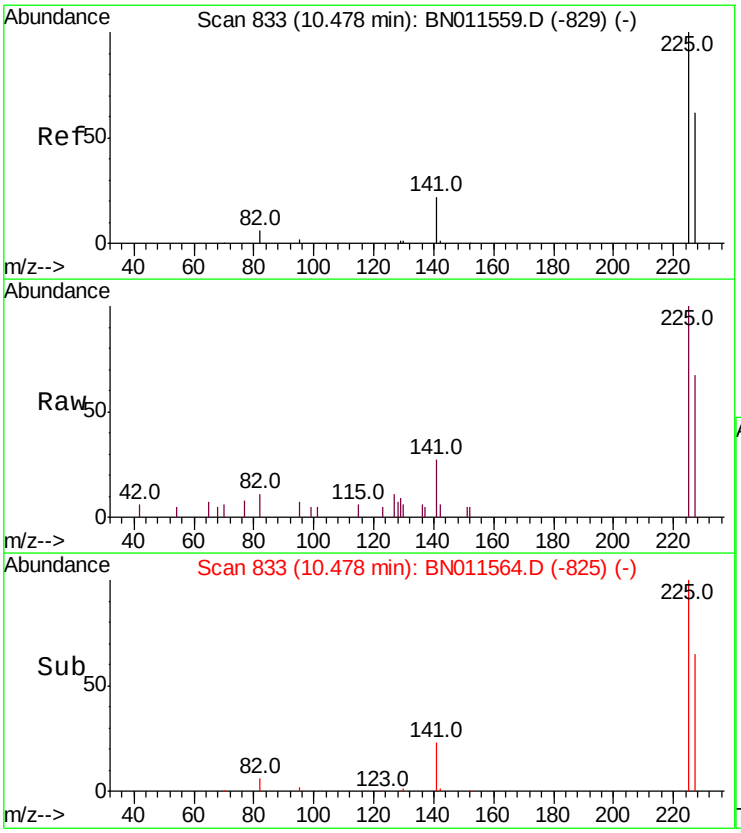
#9
Naphthalene
Concen: 0.372 ng
RT: 10.19 min Scan# 810
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:128 Resp: 5539

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.8	16.2
127	14.7	12.3	18.5

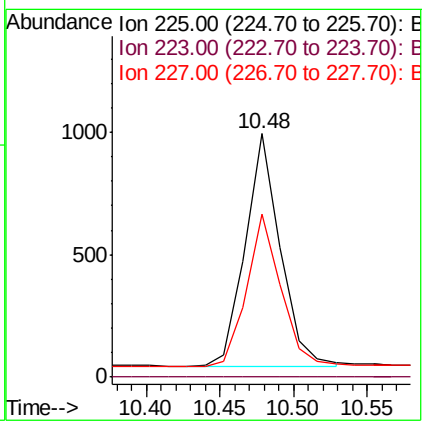


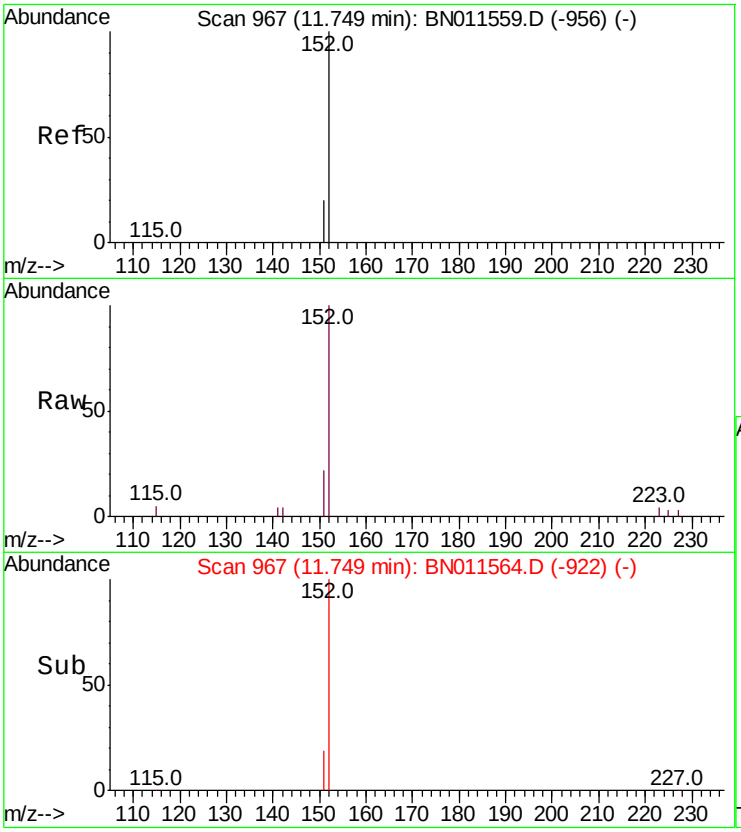


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.48 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:225 Resp: 1561

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.3	76.9



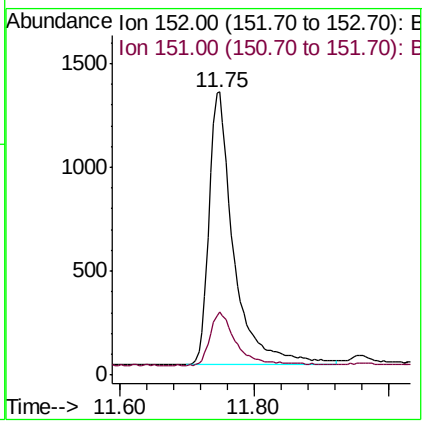


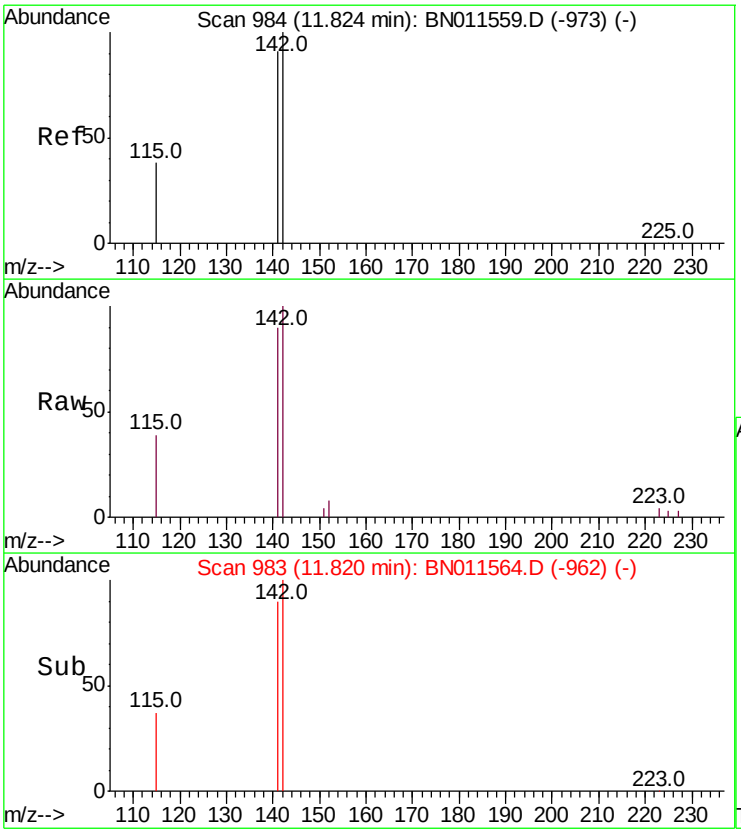
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.75 min Scan# 967
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:152 Resp: 3392

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	24.8

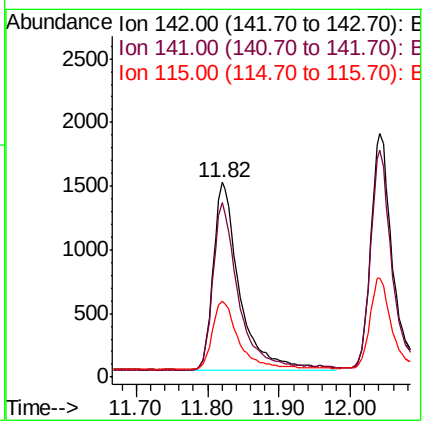


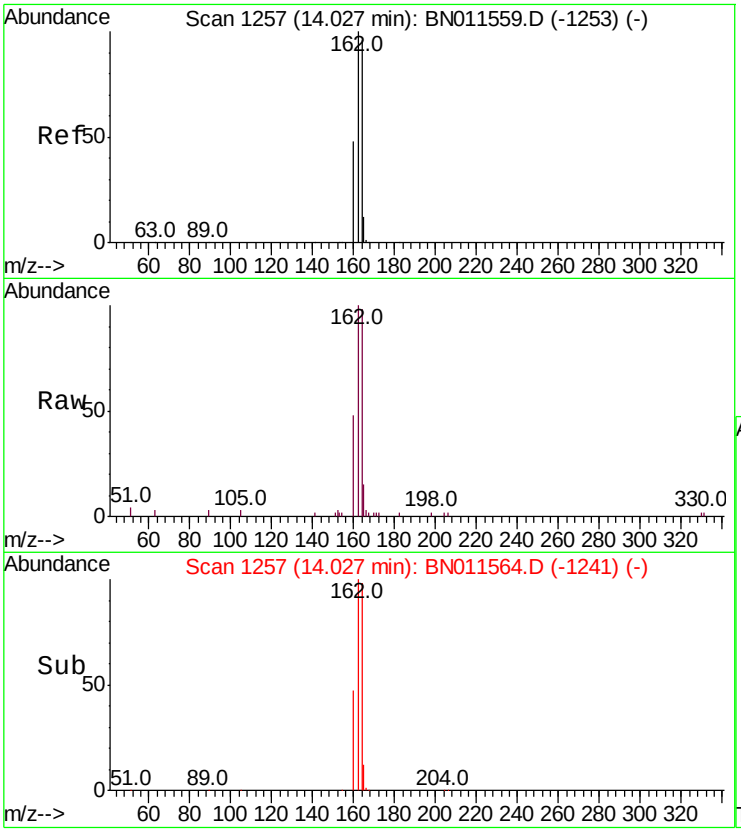


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 11.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:142 Resp: 3819

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.0	109.6
115	39.1	33.4	50.0



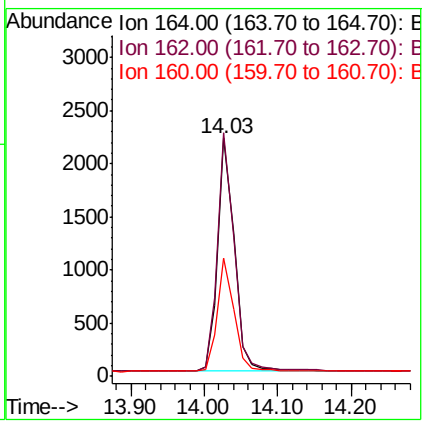


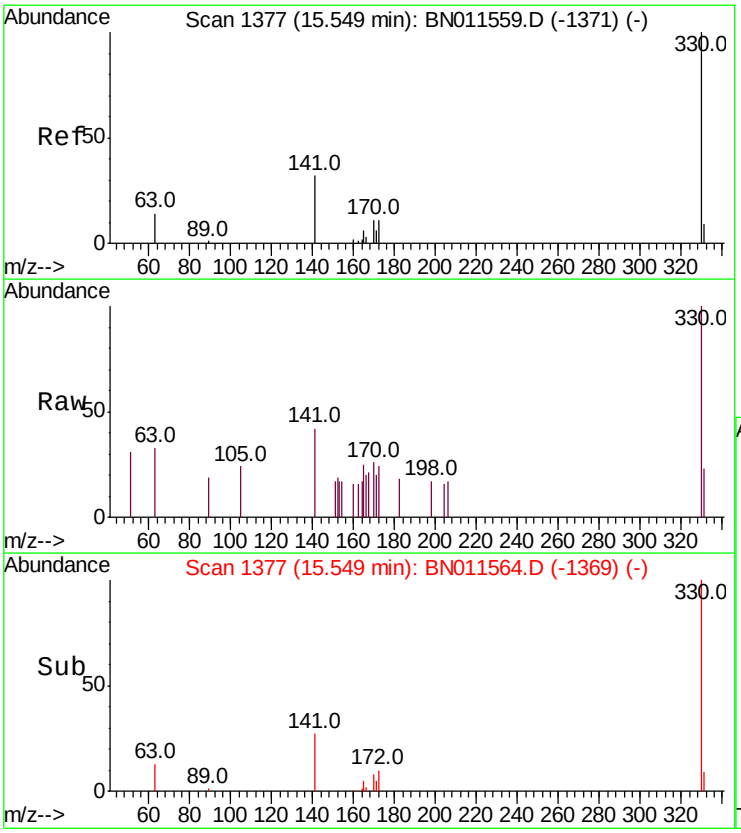
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:164 Resp: 3461

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.7	125.5
160	49.4	41.1	61.7

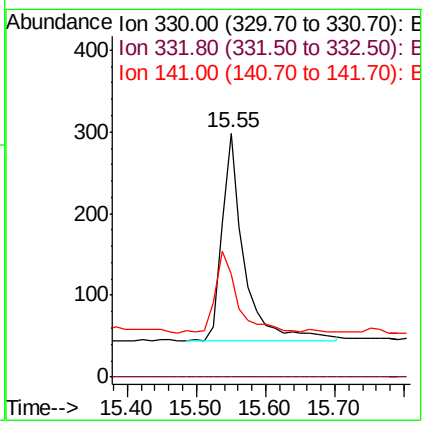


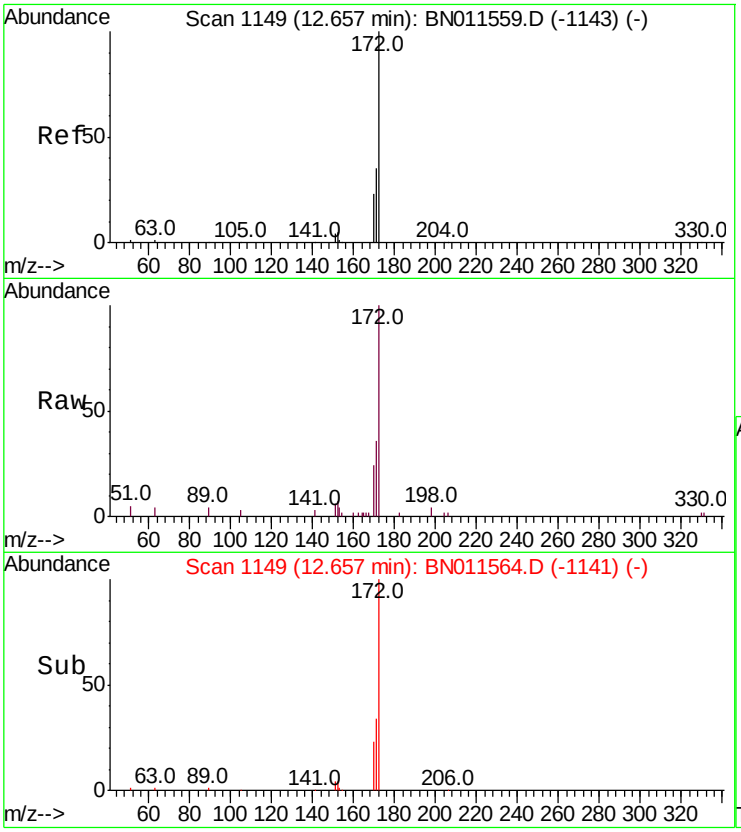


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.55 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:330 Resp: 561

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.1	34.6	52.0



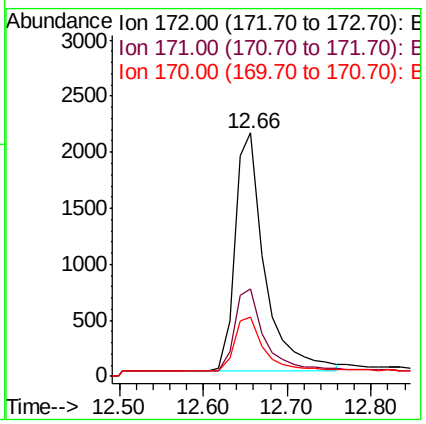


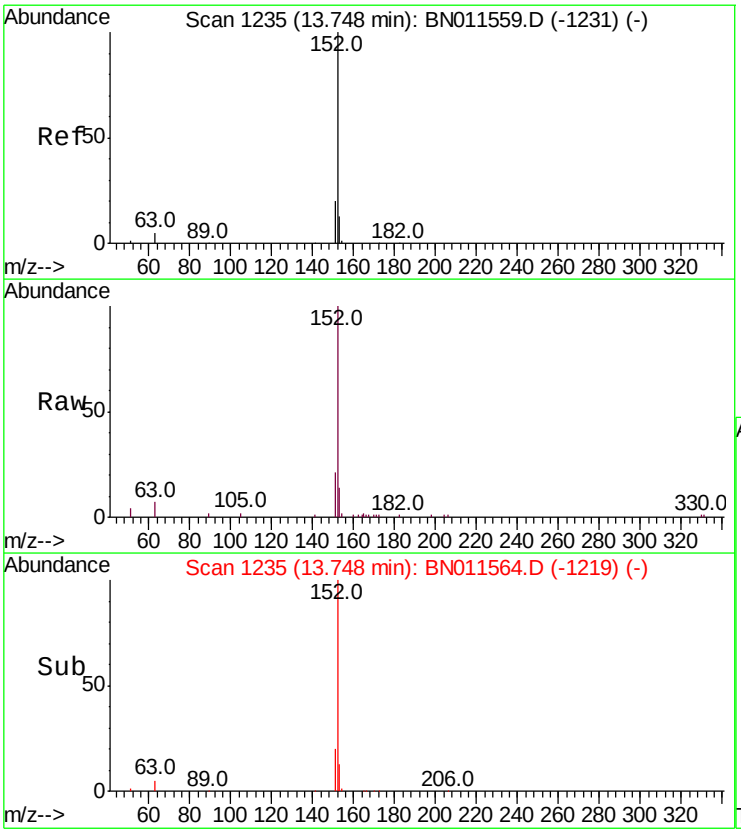
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.66 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument : BNA_N
ClientSampleId : ICVBN082120

Tgt Ion:172 Resp: 5218

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.3	20.1	30.1

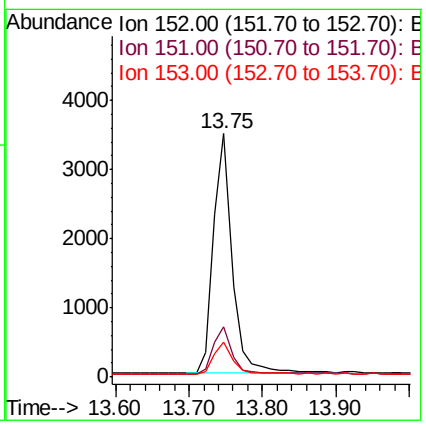


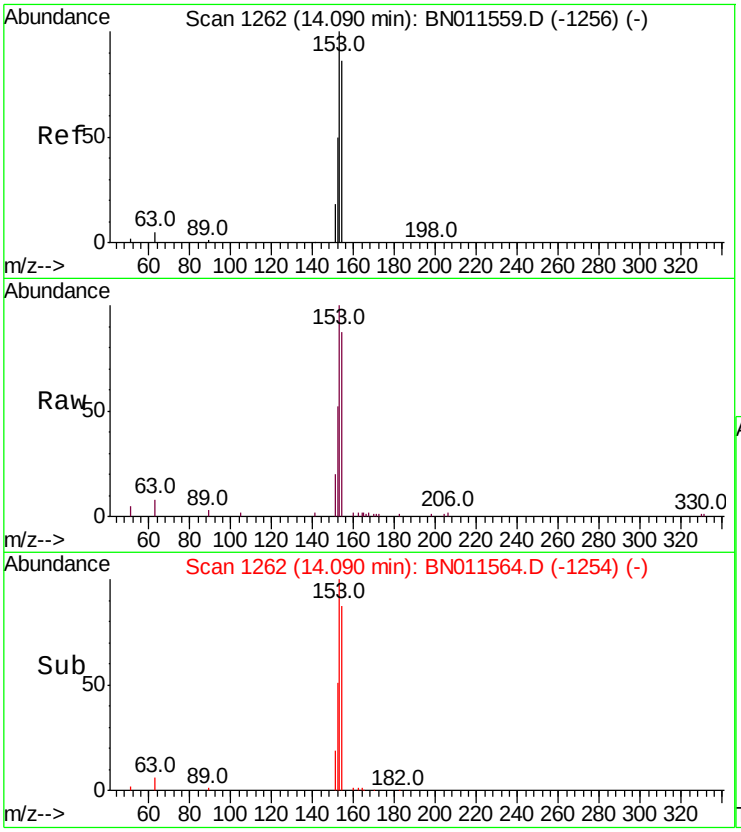


#16
Acenaphthylene
Concen: 0.354 ng
RT: 13.75 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:152 Resp: 6231

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.2	10.6	16.0



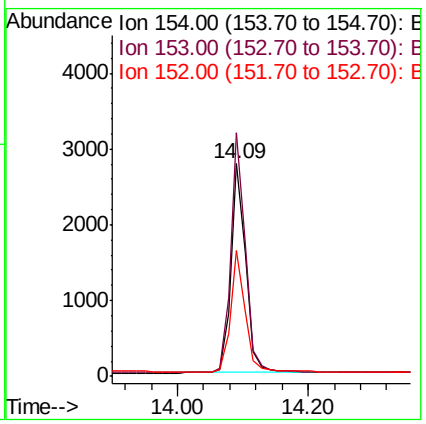


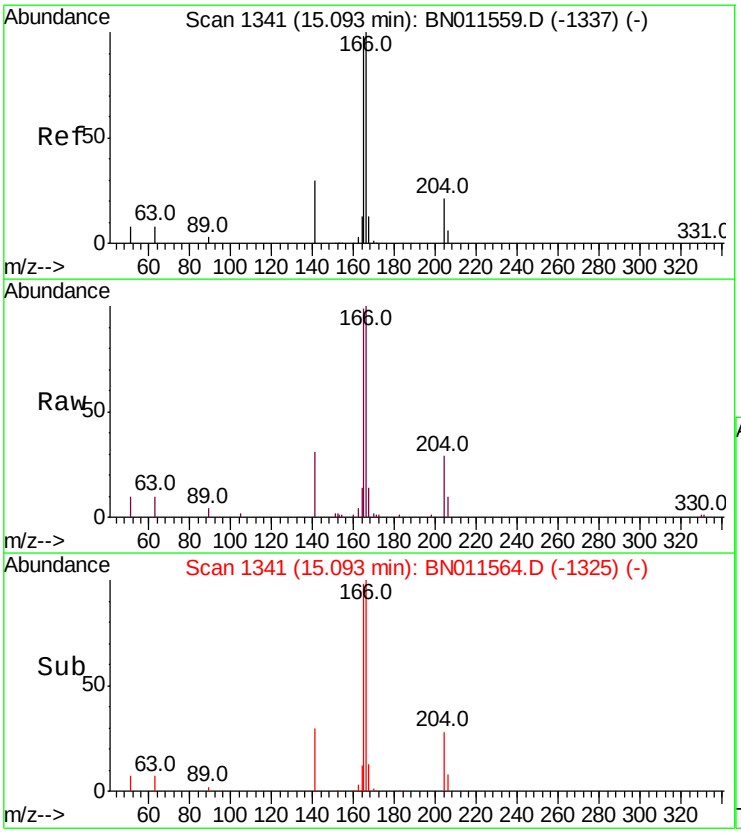
#17
Acenaphthene
Concen: 0.371 ng
RT: 14.09 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:154 Resp: 4288

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.8	137.8
152	56.8	46.3	69.5

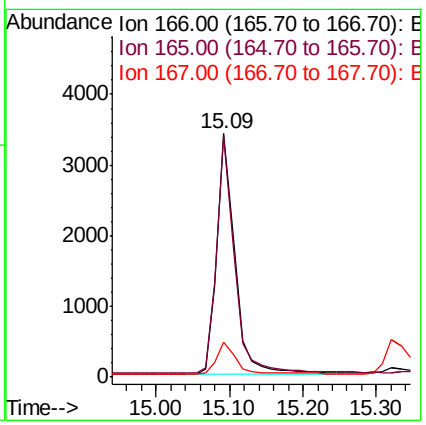


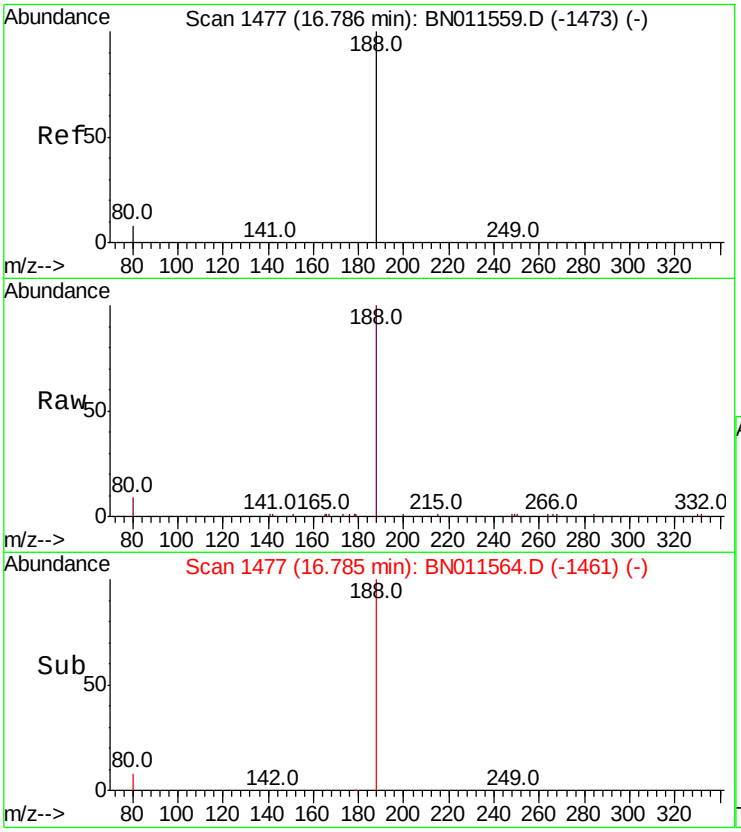


#18
Fluorene
Concen: 0.378 ng
RT: 15.09 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:166 Resp: 5782

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.2
167	13.5	10.7	16.1



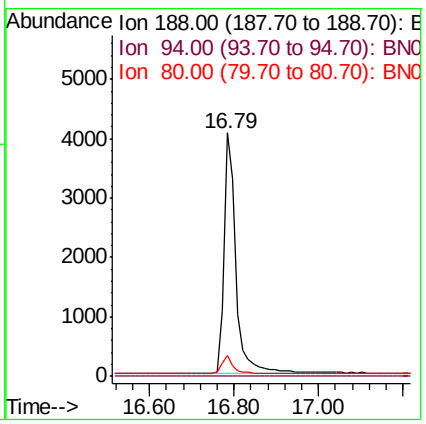


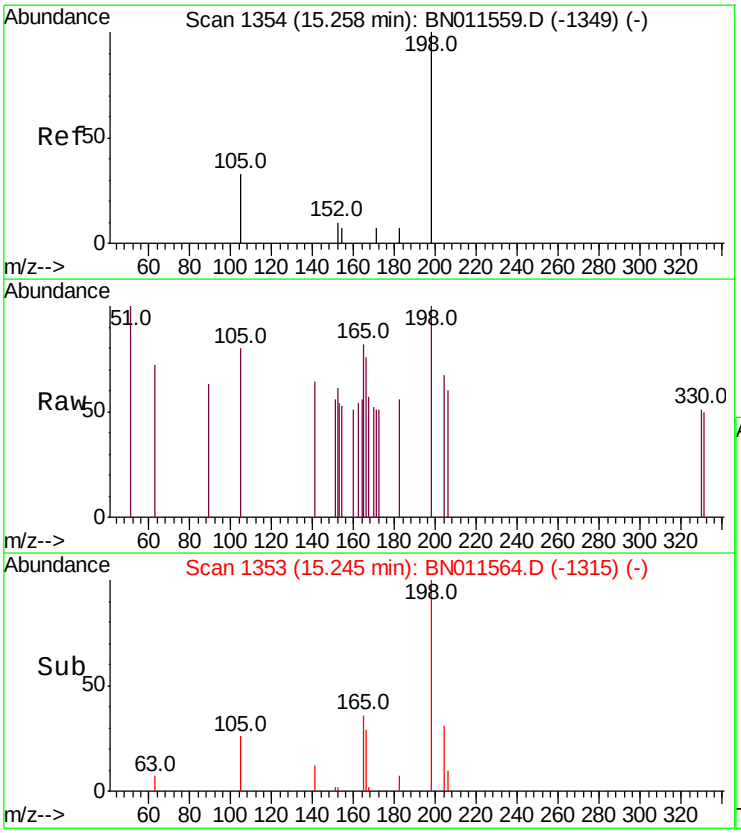
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:188 Resp: 7975

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.6	11.4

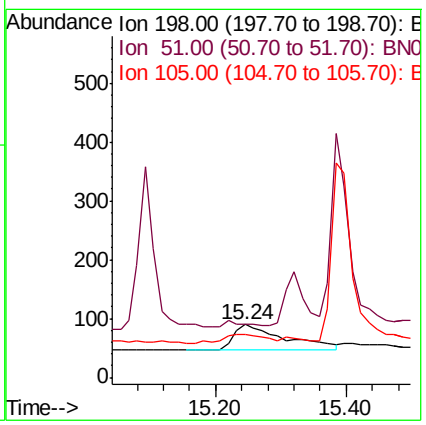


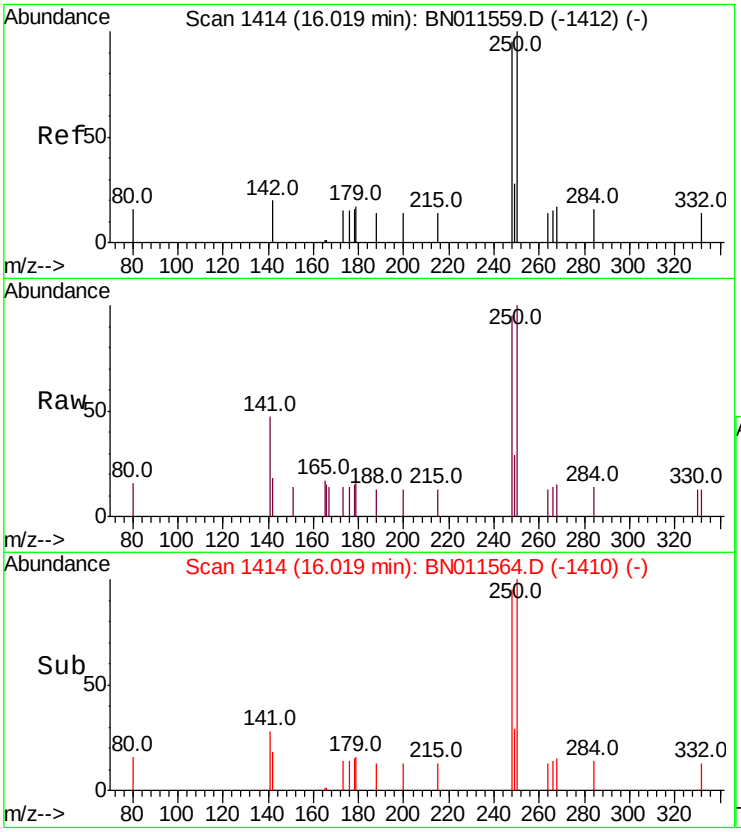


#20
4,6-Dinitro-2-methylphenol
Concen: 0.330 ng
RT: 15.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:198 Resp: 246

Ion	Ratio	Lower	Upper
198	100		
51	100.0	89.4	134.2
105	80.0	70.6	105.8



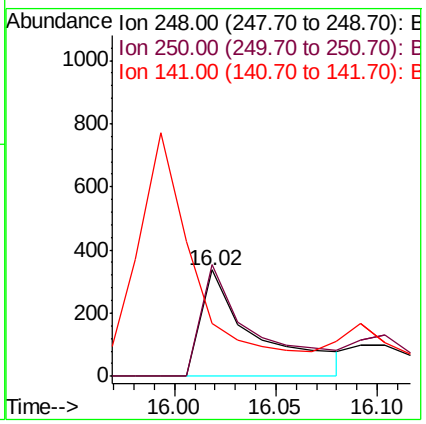


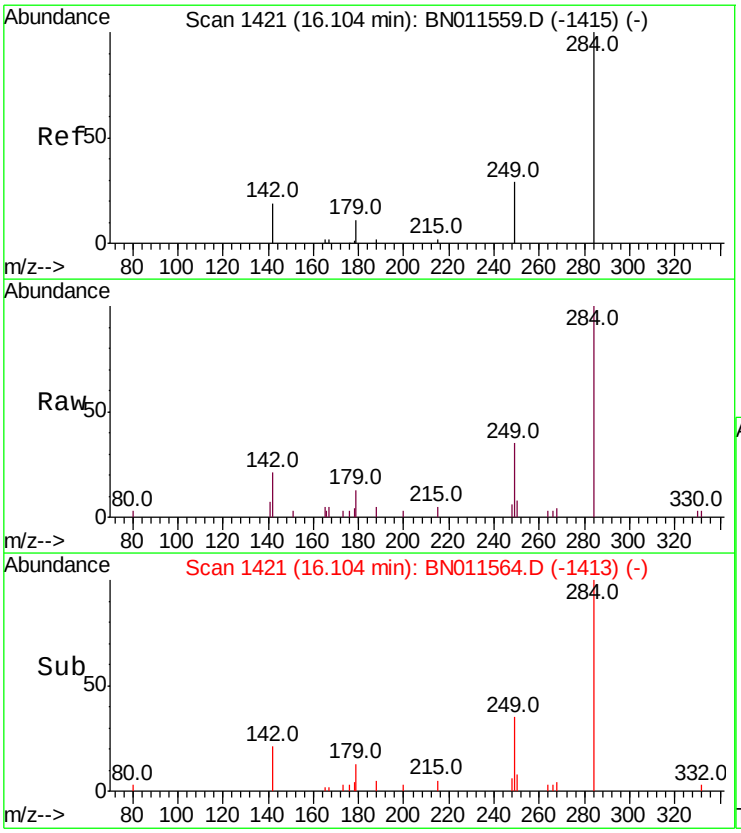
#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:248 Resp: 640

Ion	Ratio	Lower	Upper
248	100		
250	105.1	83.8	125.8
141	49.7	41.0	61.6

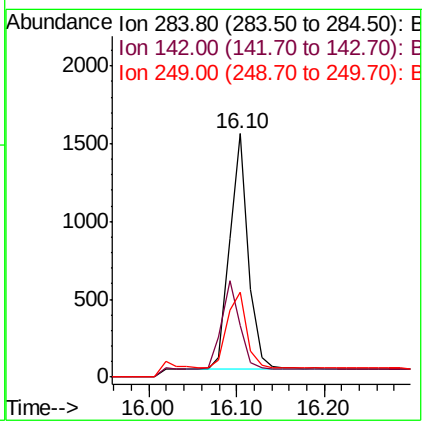


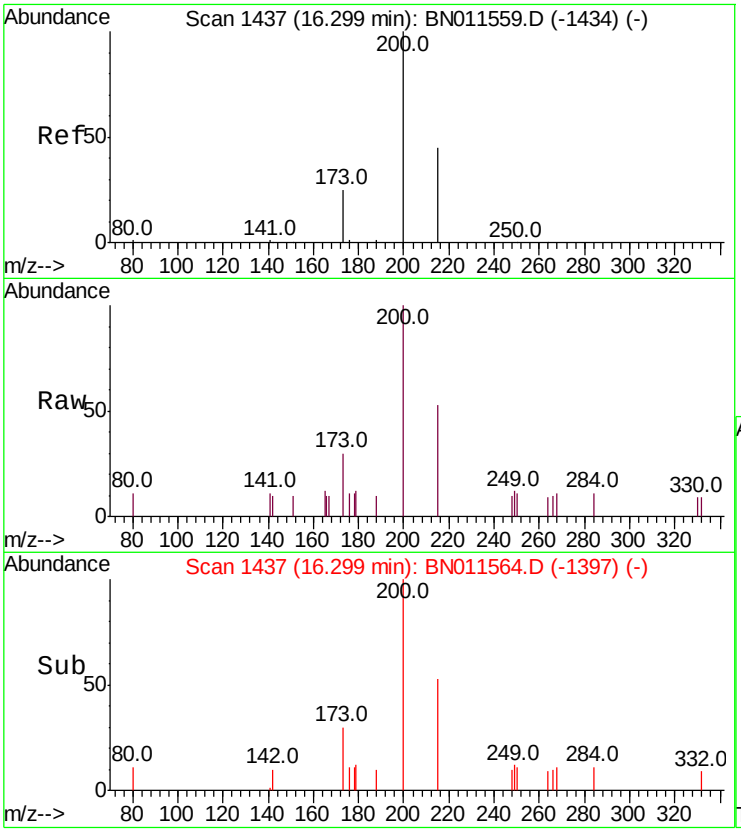


#22
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.10 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:284 Resp: 2242

Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.7	44.5
249	34.1	26.8	40.2



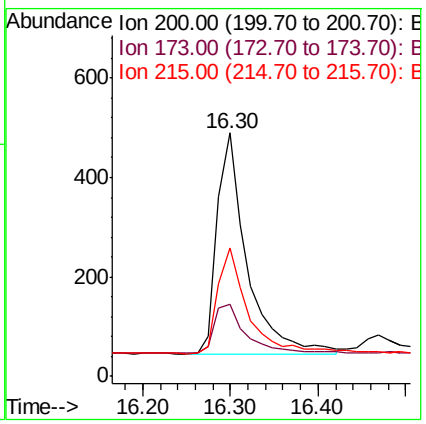


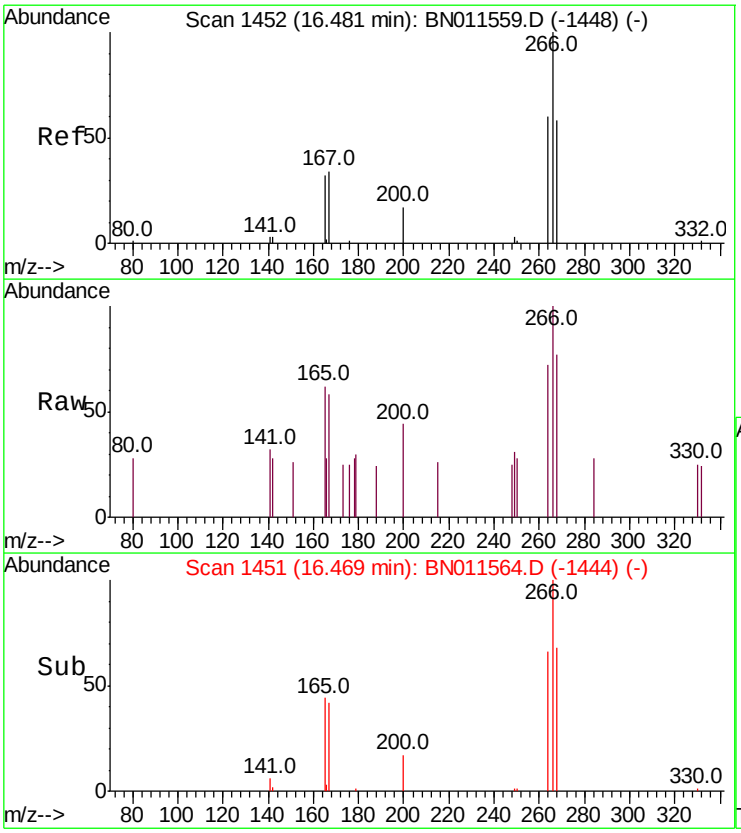
#23
Atrazine
Concen: 0.253 ng
RT: 16.30 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:200 Resp: 1049

Ion	Ratio	Lower	Upper
200	100		
173	29.8	27.7	41.5
215	52.7	41.5	62.3

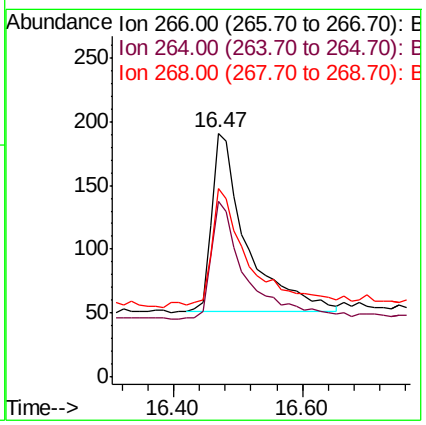


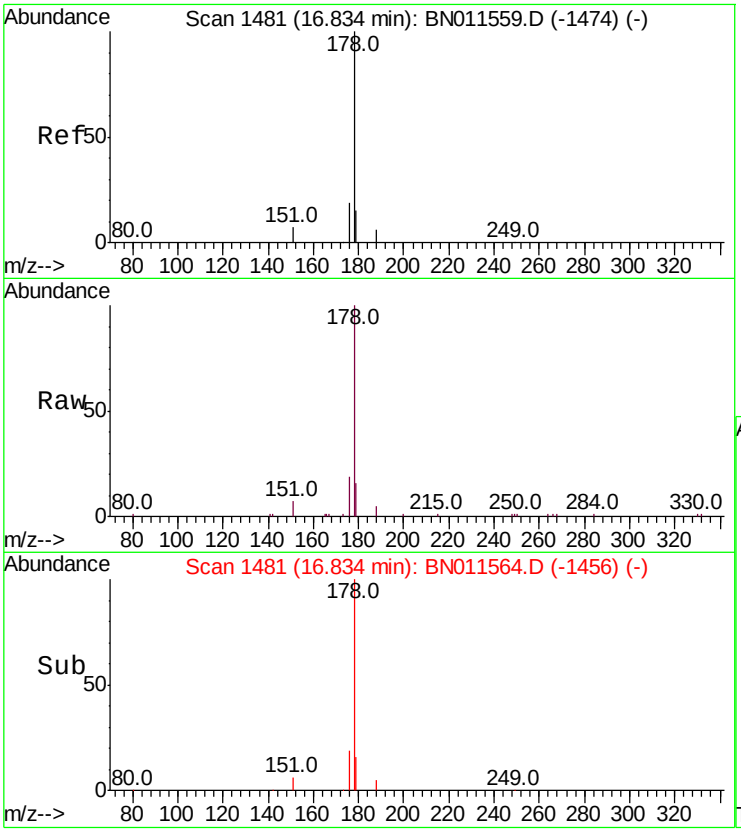


#24
Pentachlorophenol
Concen: 0.277 ng
RT: 16.47 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:266 Resp: 530

Ion	Ratio	Lower	Upper
266	100		
264	66.6	48.7	73.1
268	67.7	51.0	76.6



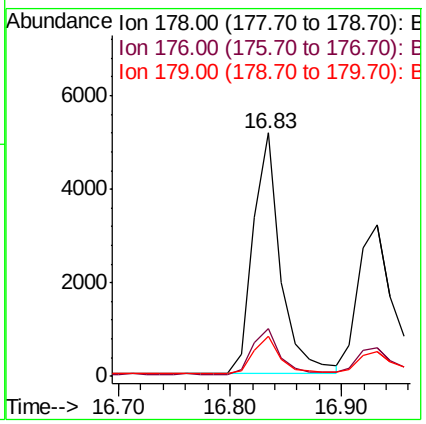


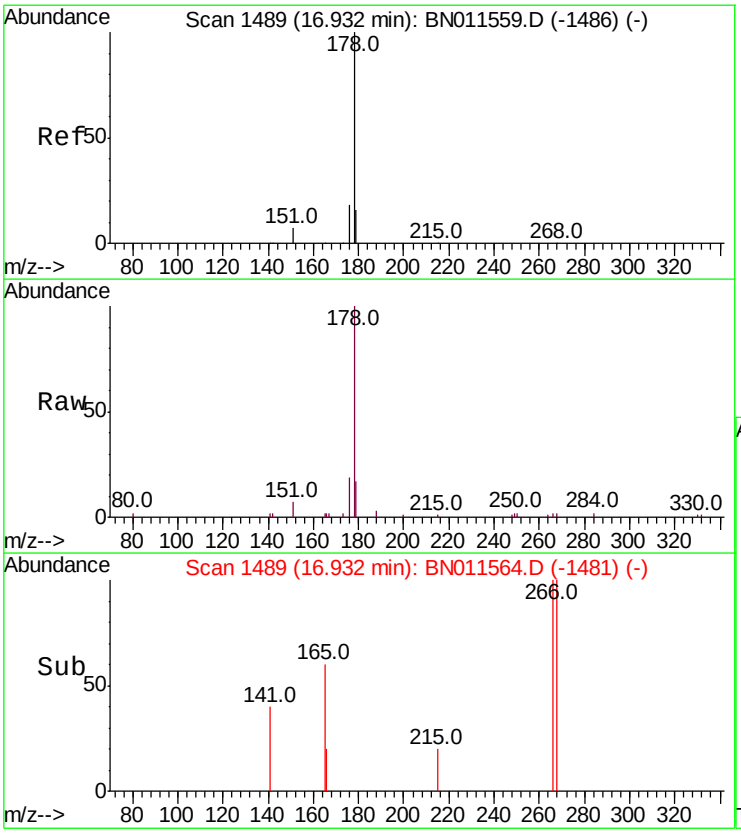
#25
Phenanthrene
Concen: 0.356 ng
RT: 16.83 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:178 Resp: 8928

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.3	18.5

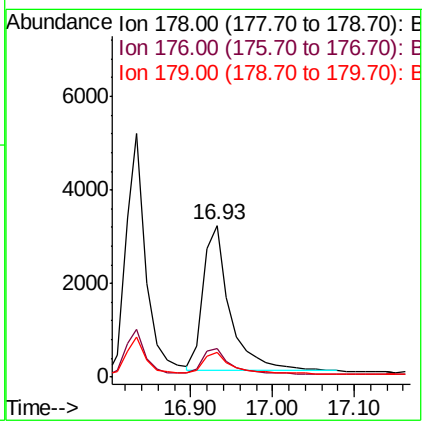


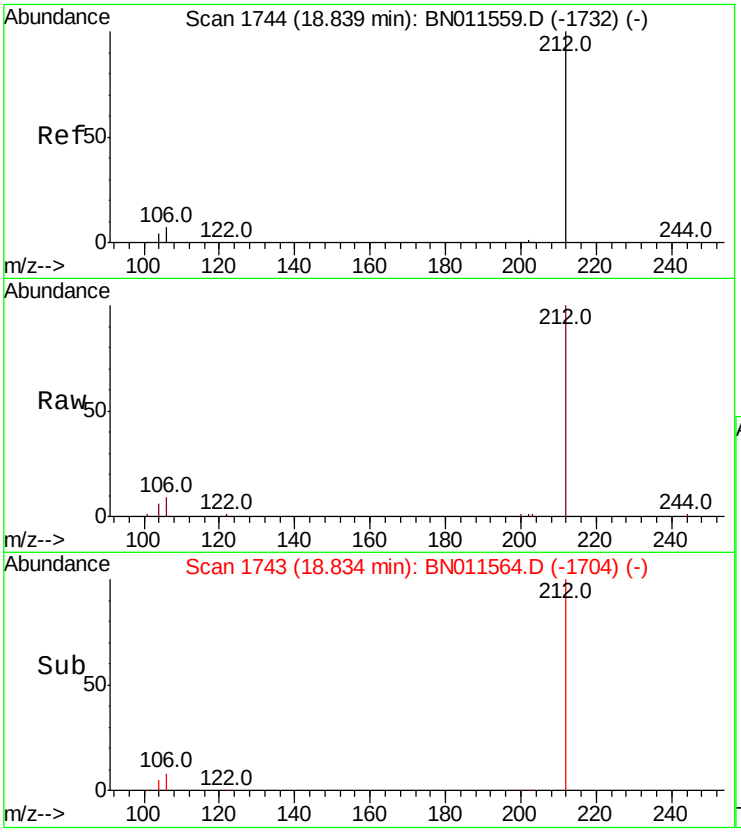


#26
Anthracene
Concen: 0.341 ng
RT: 16.93 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:178 Resp: 7145

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.4	21.6
179	15.3	12.9	19.3



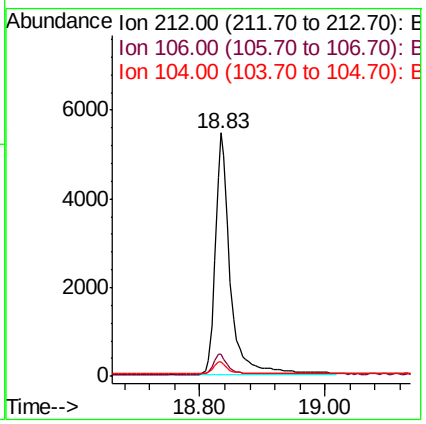


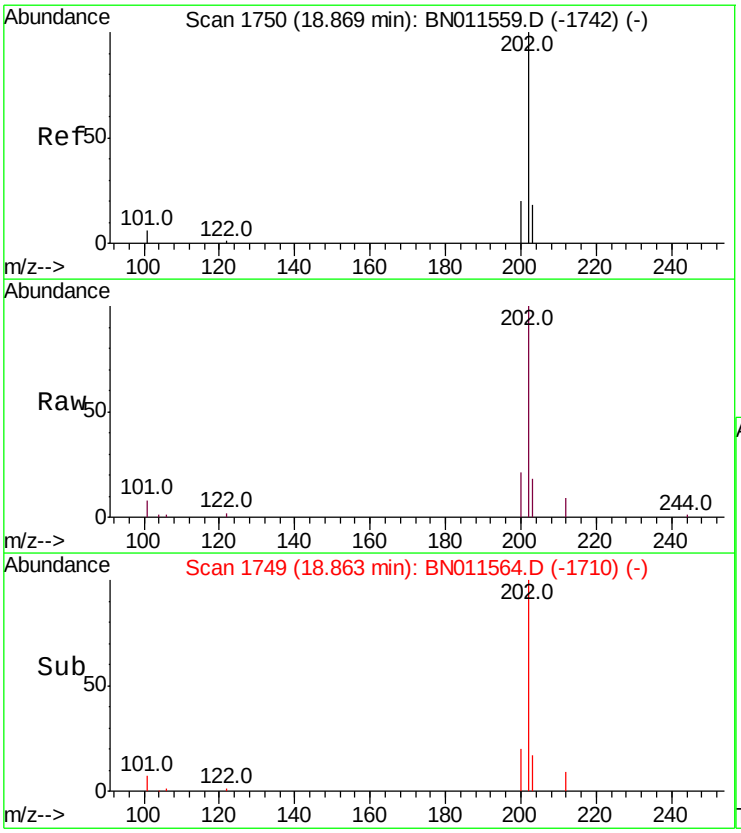
#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 18.83 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:212 Resp: 9020

Ion	Ratio	Lower	Upper
212	100		
106	8.3	6.2	9.2
104	4.7	3.8	5.6

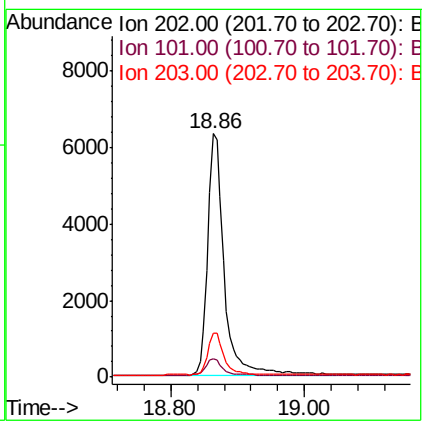


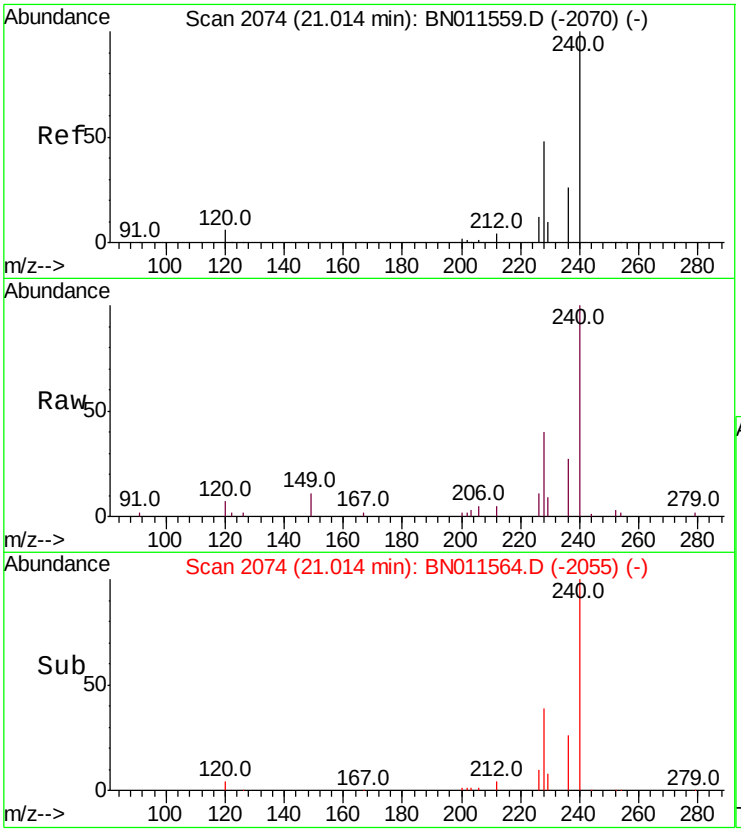


#28
Fluoranthene
Concen: 0.336 ng
RT: 18.86 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:202 Resp: 10839

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.2	7.8
203	16.7	13.6	20.4



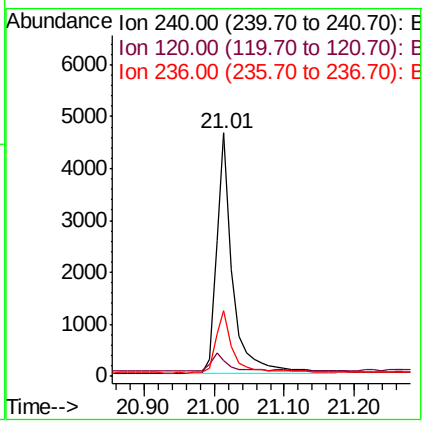


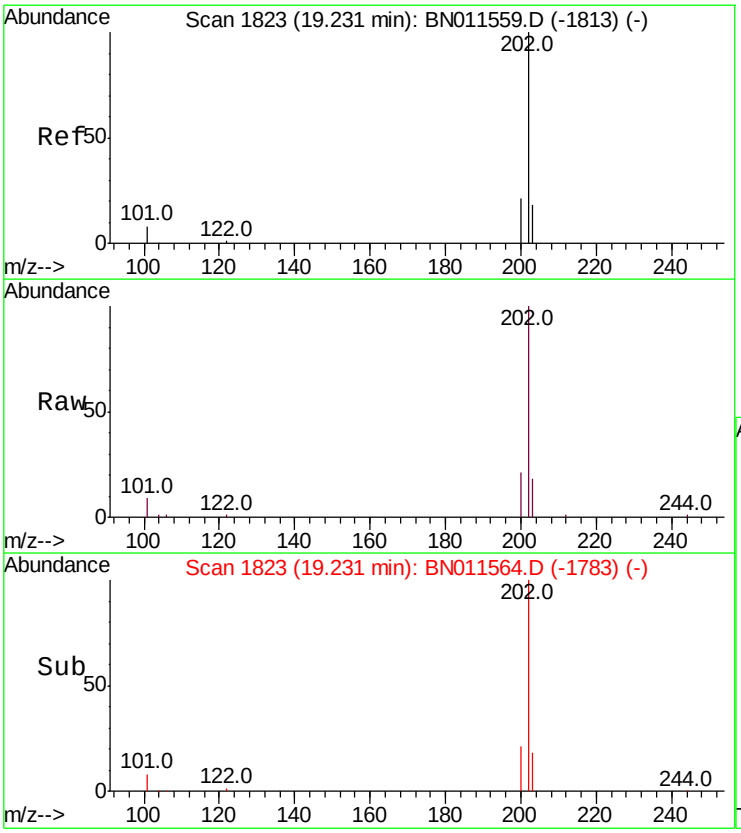
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:240 Resp: 7639

Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.4	11.0#
236	27.1	22.3	33.5

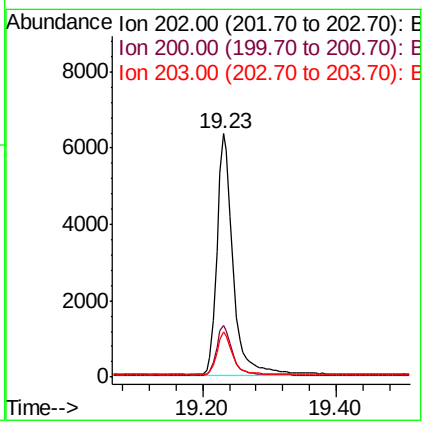


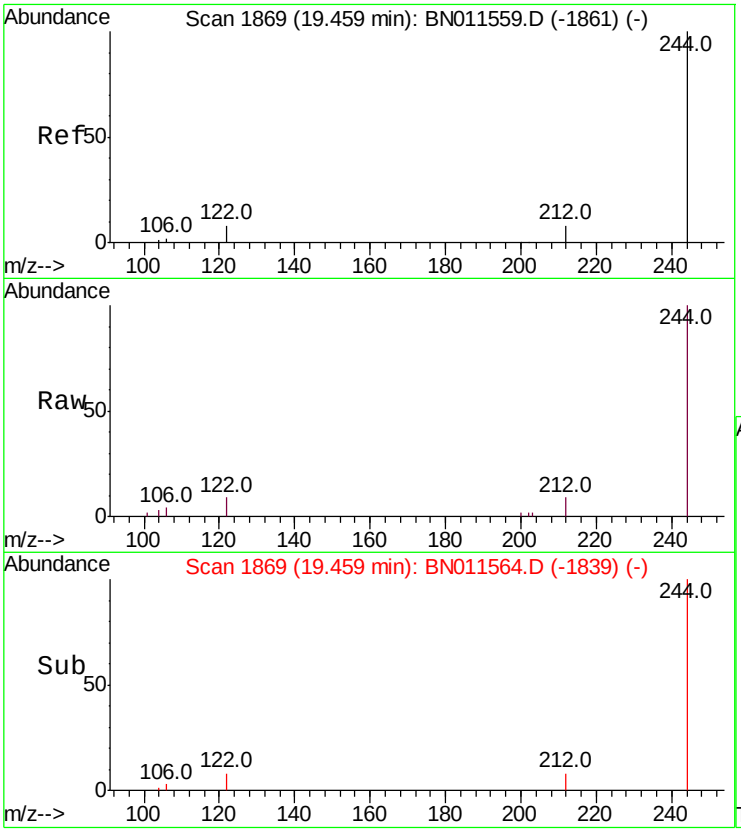


#30
Pyrene
Concen: 0.347 ng
RT: 19.23 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:202 Resp: 10548

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.0	14.2	21.2



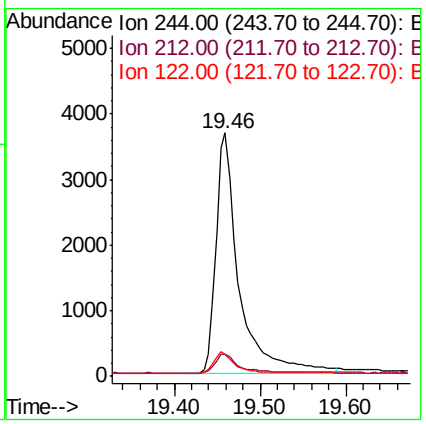


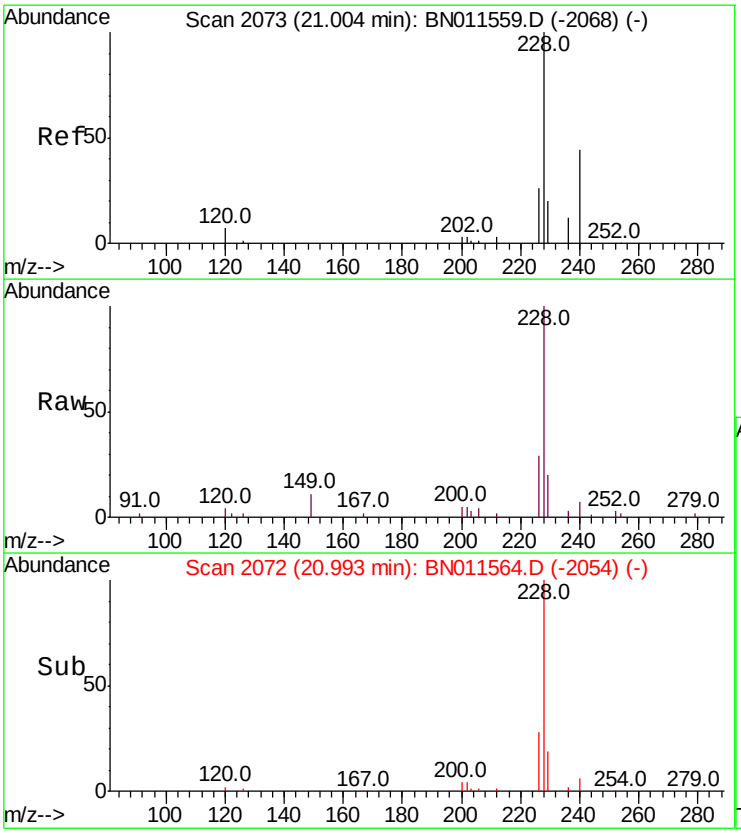
#31
Terphenyl-d14
Concen: 0.345 ng
RT: 19.46 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:244 Resp: 6867

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.2	12.4
122	9.0	8.0	12.0

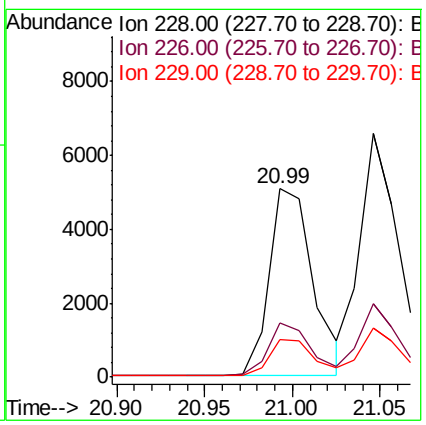


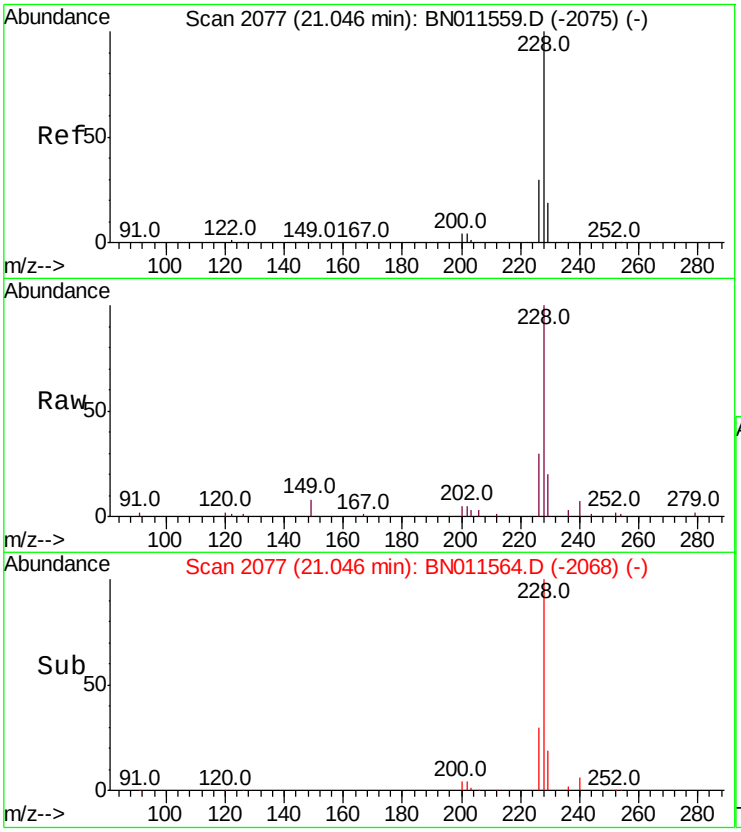


#32
Benzo(a)anthracene
Concen: 0.350 ng
RT: 20.99 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:228 Resp: 8793

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.2
229	19.7	16.9	25.3



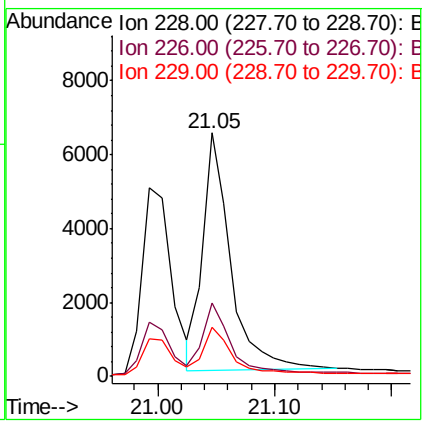


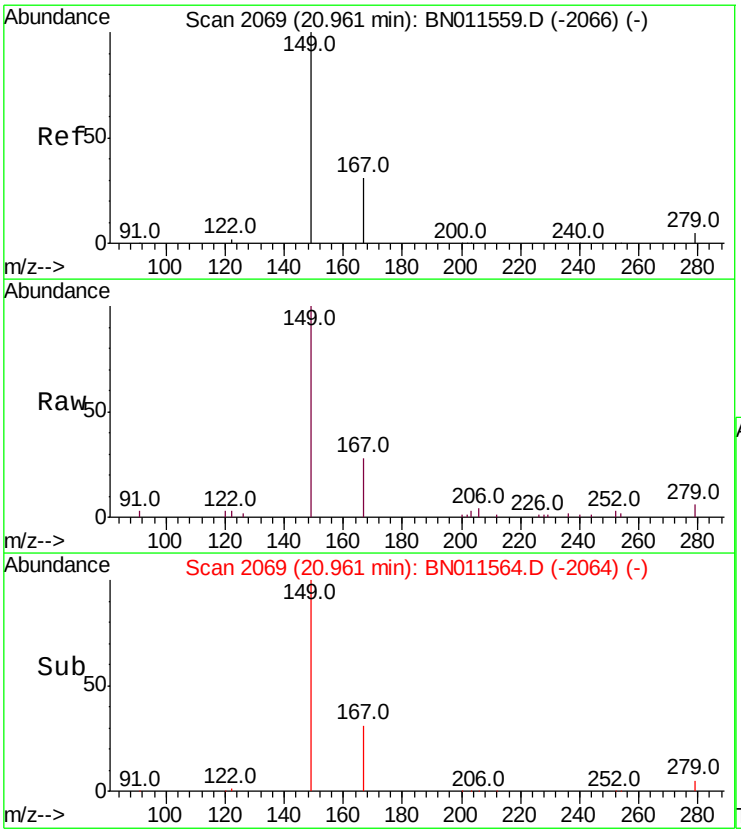
#33
Chrysene
Concen: 0.377 ng
RT: 21.05 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:228 Resp: 10772

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	20.1	16.2	24.2

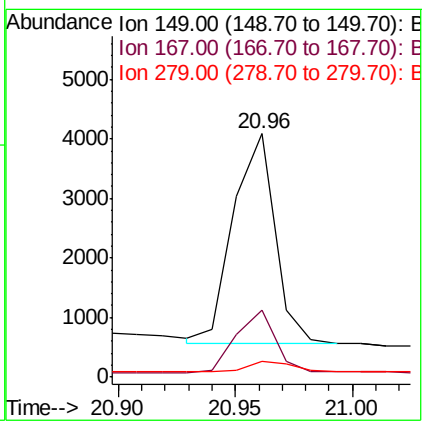


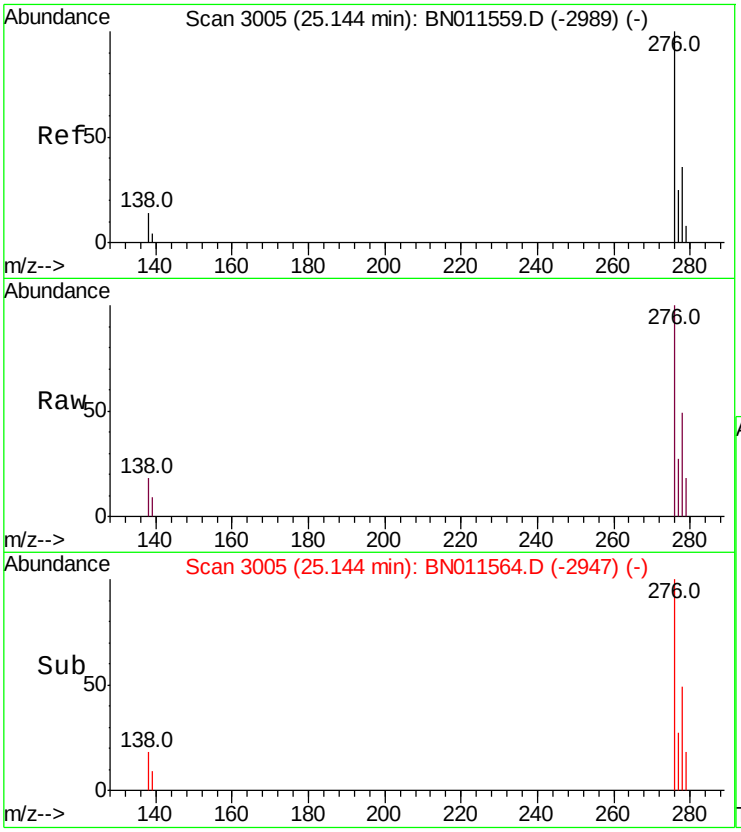


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.382 ng
RT: 20.96 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:149 Resp: 4347

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.0	4.2	6.2



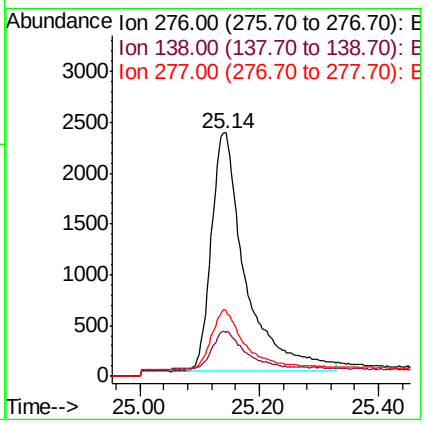


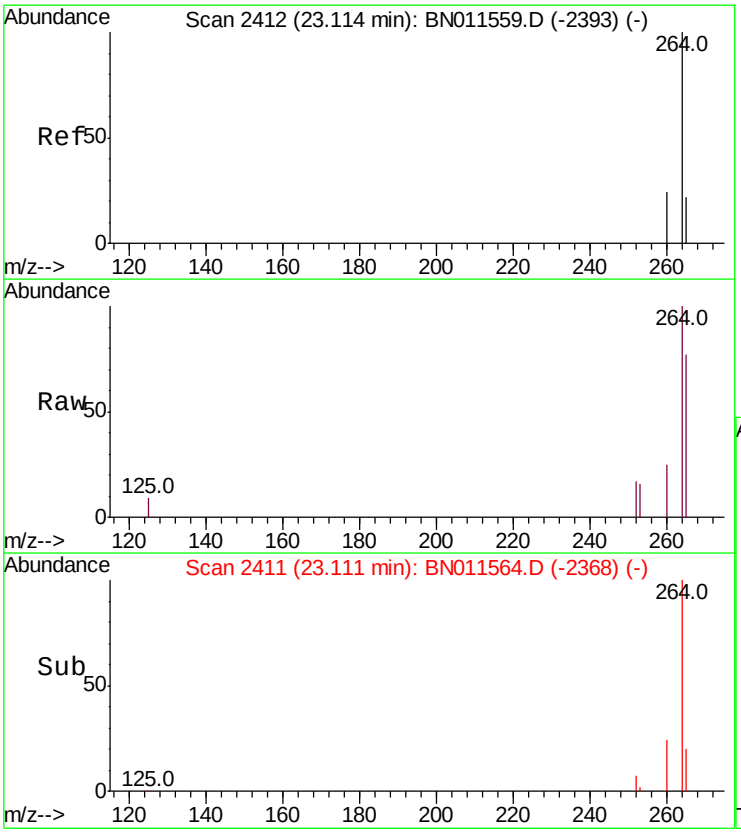
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.14 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:276 Resp: 9256

Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.6	17.4
277	22.8	18.2	27.4

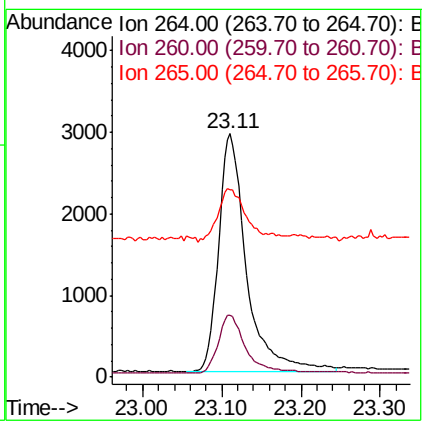


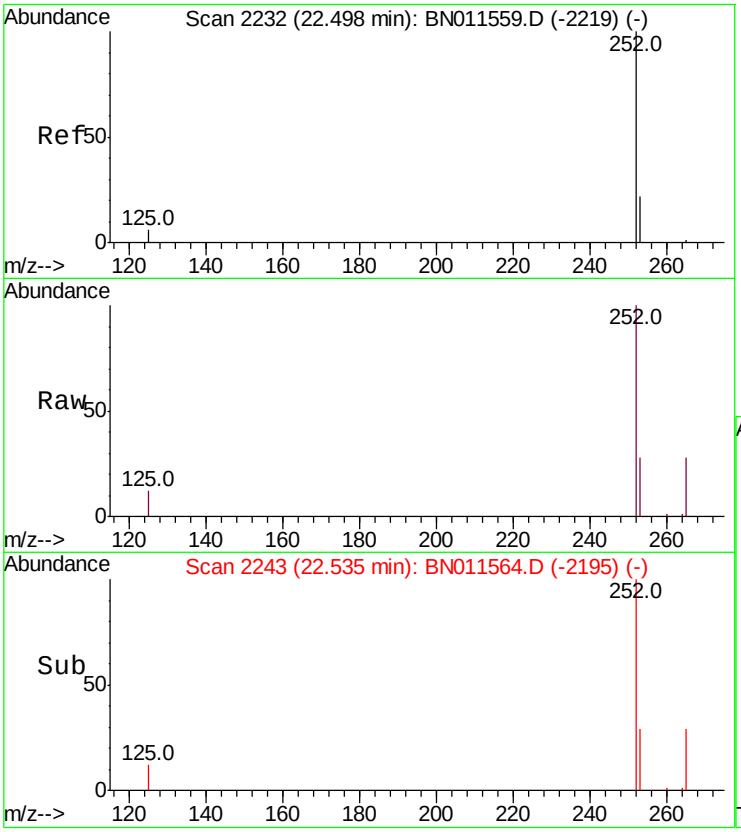


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:264 Resp: 7093

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.3	30.5
265	76.8	96.1	144.1#



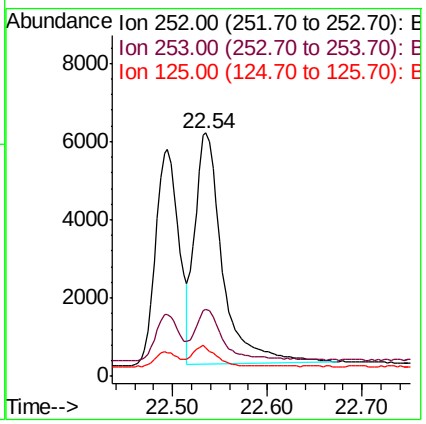


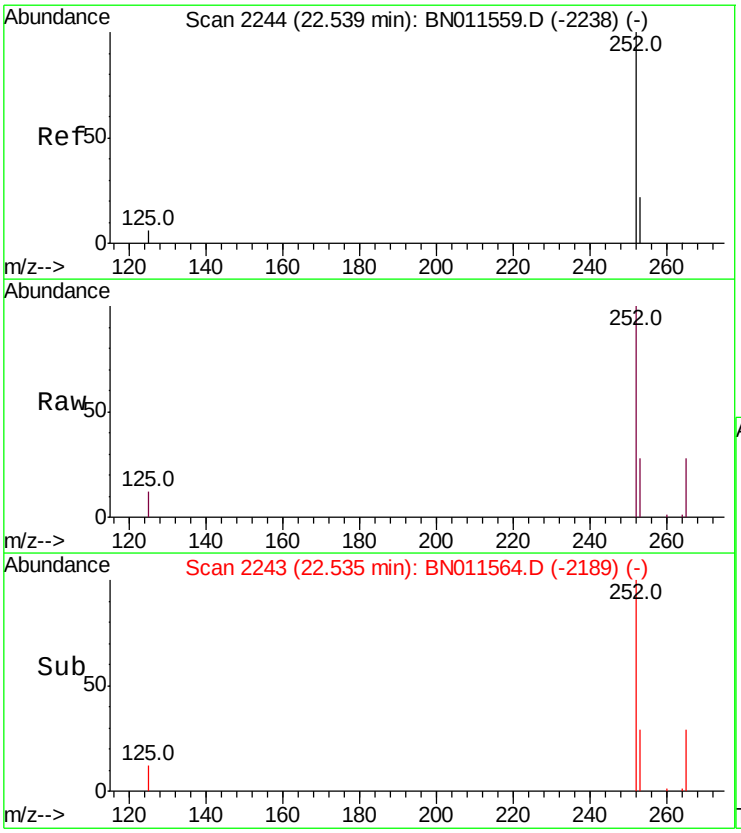
#37
Benzo(b)fluoranthene
Concen: 0.453 ng
RT: 22.54 min Scan# 2243
Delta R.T. 0.04 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:252 Resp: 11885

Ion	Ratio	Lower	Upper
252	100		
253	27.6	25.5	38.3
125	11.7	10.2	15.4

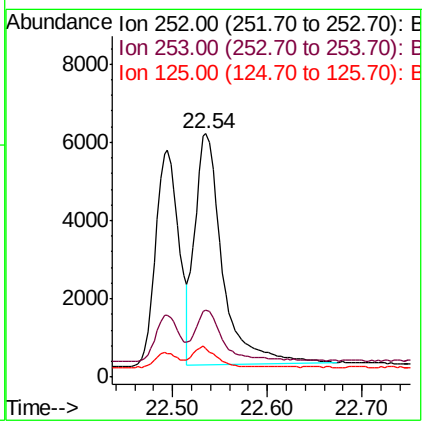


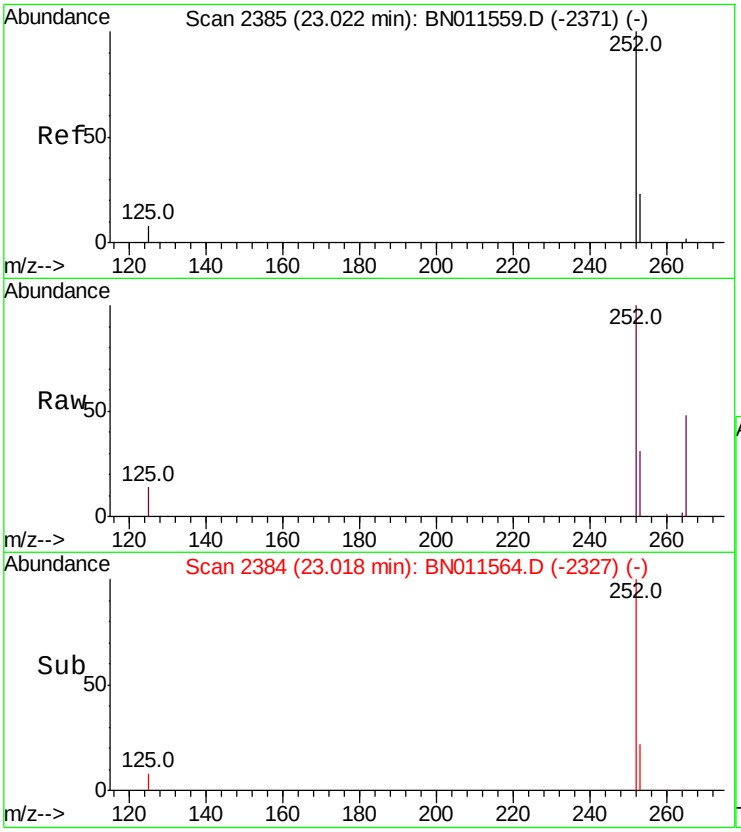


#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.54 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:252 Resp: 11885

Ion	Ratio	Lower	Upper
252	100		
253	27.6	25.8	38.6
125	11.7	10.8	16.2



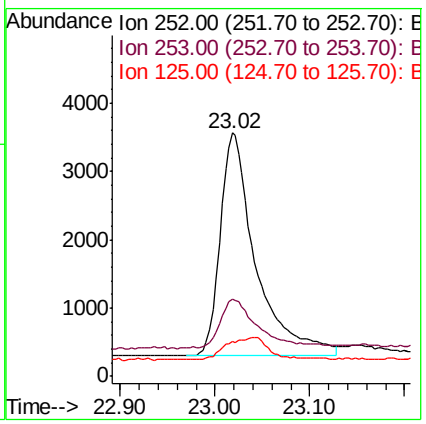


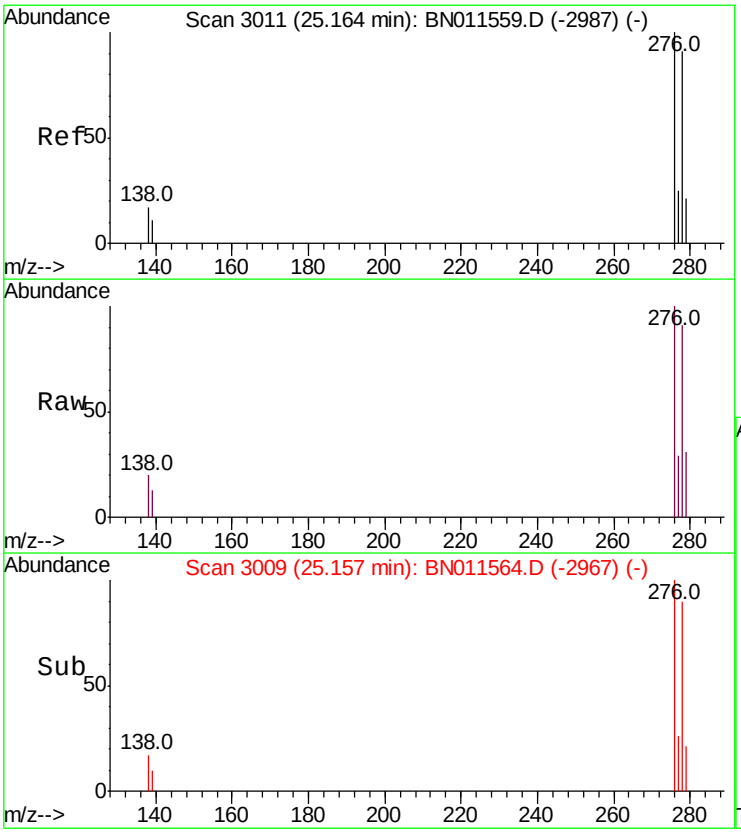
#39
Benzo(a)pyrene
Concen: 0.353 ng
RT: 23.02 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:252 Resp: 8575

Ion	Ratio	Lower	Upper
252	100		
253	31.5	31.8	47.8#
125	14.1	15.4	23.0#

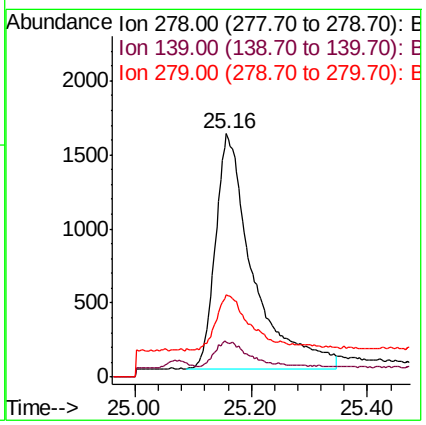


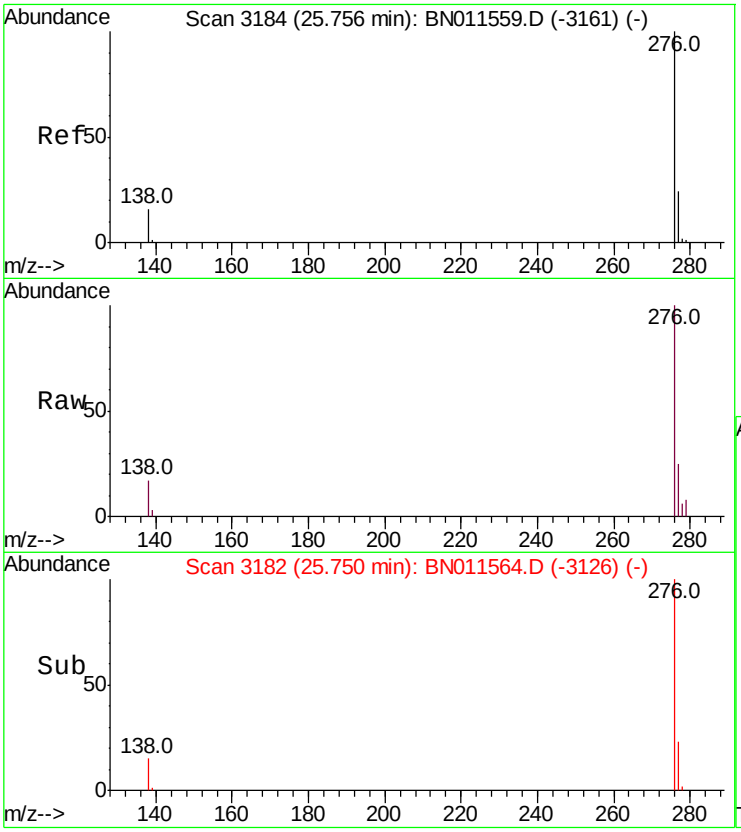


#40
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 25.16 min Scan# 3009
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:278 Resp: 7066

Ion	Ratio	Lower	Upper
278	100		
139	14.4	14.0	21.0
279	33.8	32.4	48.6





#41
Benzo(g,h,i)perylene
Concen: 0.335 ng
RT: 25.75 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tgt Ion:276 Resp: 8106

Ion	Ratio	Lower	Upper
276	100		
277	25.3	22.1	33.1
138	17.3	15.4	23.2