Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
Data File : BN011518.D
Acq On : 19 Aug 2020 16:07
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN081920

Quant Time: Aug 19 16:49:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 15:54:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1120	0.40	ng		0.00
7) Naphthalene-d8	10.17	136	3801	0.40	ng		0.00
13) Acenaphthene-d10	14.07	164	2045	0.40	ng		0.00
19) Phenanthrene-d10	16.82	188	4856	0.40	ng		0.00
29) Chrysene-d12	21.05	240	5329	0.40	ng		0.00
36) Perylene-d12	23.16	264	4747	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.10	112	1013	0.39	ng		0.00
5) Phenol-d6	6.64	99	1181	0.39	ng		-0.02
8) Nitrobenzene-d5	8.58	82	1102	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	11.78	152	2193	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.57	330	301	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	3266	0.36	ng		0.00
27) Fluoranthene-d10	18.86	212	4922	0.33	ng		0.00
31) Terphenyl-d14	19.48	244	4132	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	575	0.395	ng		95
3) n-Nitrosodimethylamine	3.50	42	224	0.371	ng	#	1
6) bis(2-Chloroethyl)ether	6.89	93	1029	0.433	ng	#	84
9) Naphthalene	10.22	128	3943	0.356	ng		99
10) Hexachlorobutadiene	10.50	225	1051	0.366	ng	#	97
12) 2-Methylnaphthalene	11.85	142	2510	0.315	ng		99
16) Acenaphthylene	13.77	152	3704	0.361	ng		99
17) Acenaphthene	14.12	154	2432	0.367	ng		99
18) Fluorene	15.12	166	3157	0.370	ng		96
20) 4,6-Dinitro-2-methylphenol	15.26	198	173	0.408	ng		88
21) 4-Bromophenyl-phenylether	16.03	248	1313	0.254	ng		98
22) Hexachlorobenzene	16.13	284	1234	0.341	ng		98
23) Atrazine	16.32	200	727	0.308	ng		97
24) Pentachlorophenol	16.49	266	388	0.350	ng		92
25) Phenanthrene	16.86	178	5552	0.359	ng		99
26) Anthracene	16.96	178	4396	0.333	ng		99
28) Fluoranthene	18.89	202	6122	0.334	ng		99
30) Pyrene	19.26	202	6255	0.356	ng		99
32) Benzo(a)anthracene	21.02	228	5697	0.350	ng		99
33) Chrysene	21.08	228	6693	0.361	ng		99
34) Bis(2-ethylhexyl)phthalate	20.98	149	1992	0.344	ng		99
35) Indeno(1,2,3-cd)pyrene	25.21	276	8023	0.354	ng		99
37) Benzo(b)fluoranthene	22.54	252	6633	0.350	ng		99
38) Benzo(k)fluoranthene	22.58	252	6918	0.353	ng		98
39) Benzo(a)pyrene	23.06	252	5694	0.345	ng		99
40) Dibenzo(a,h)anthracene	25.22	278	6523	0.355	ng		97
41) Benzo(g,h,i)perylene	25.82	276	6373	0.331	ng		99

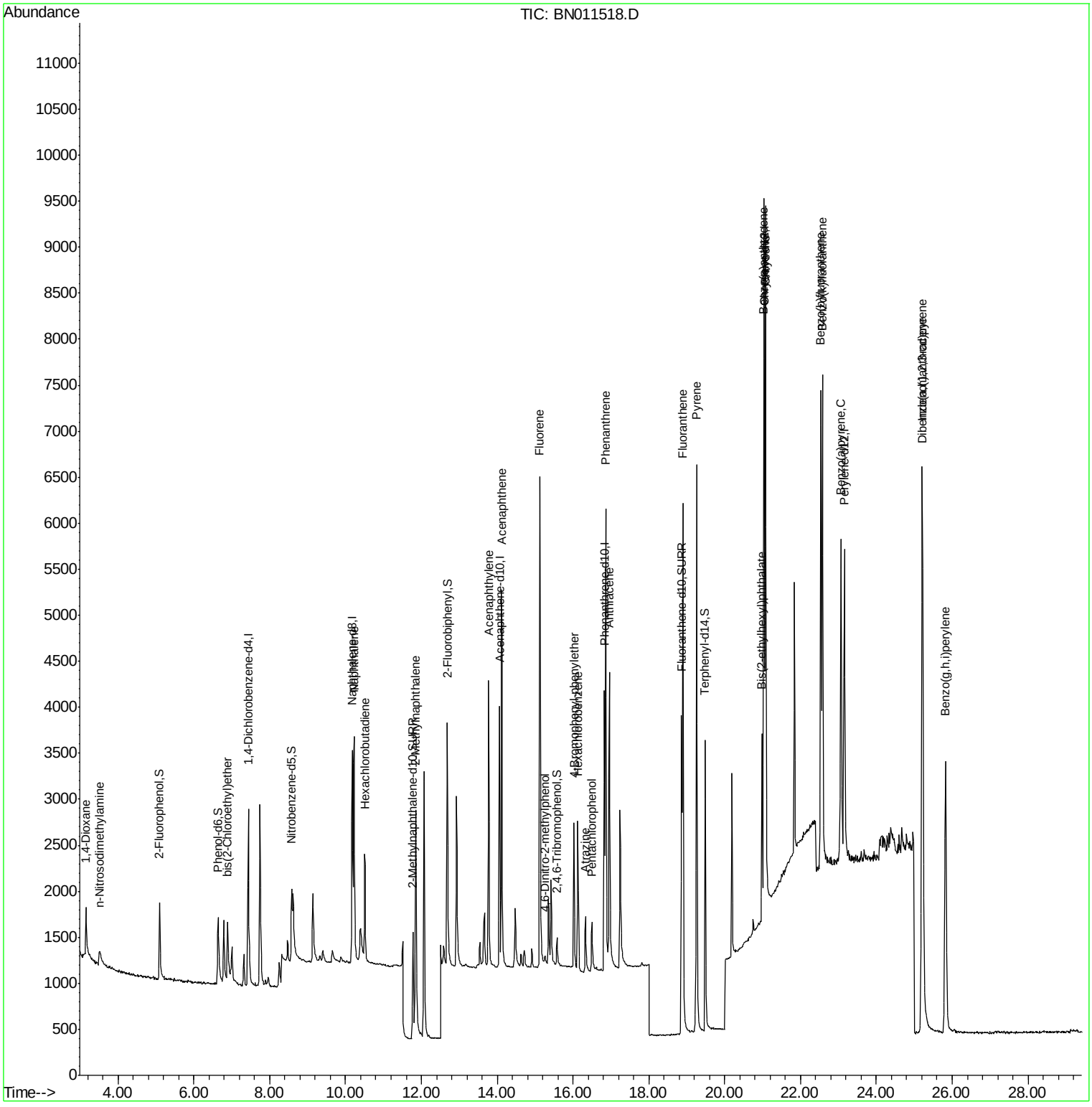
(#) = qualifier out of range (m) = manual integration (+) = signals summed

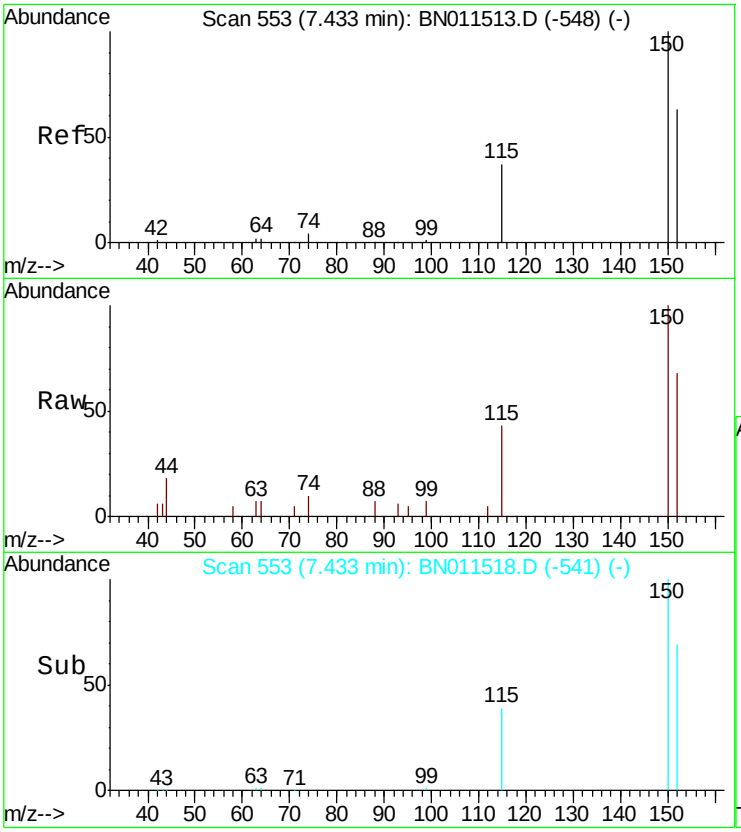
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
Data File : BN011518.D
Acq On : 19 Aug 2020 16:07
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Quant Time: Aug 19 16:49:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 15:54:57 2020
Response via : Initial Calibration



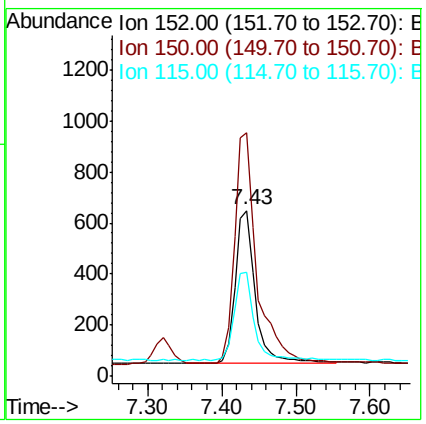


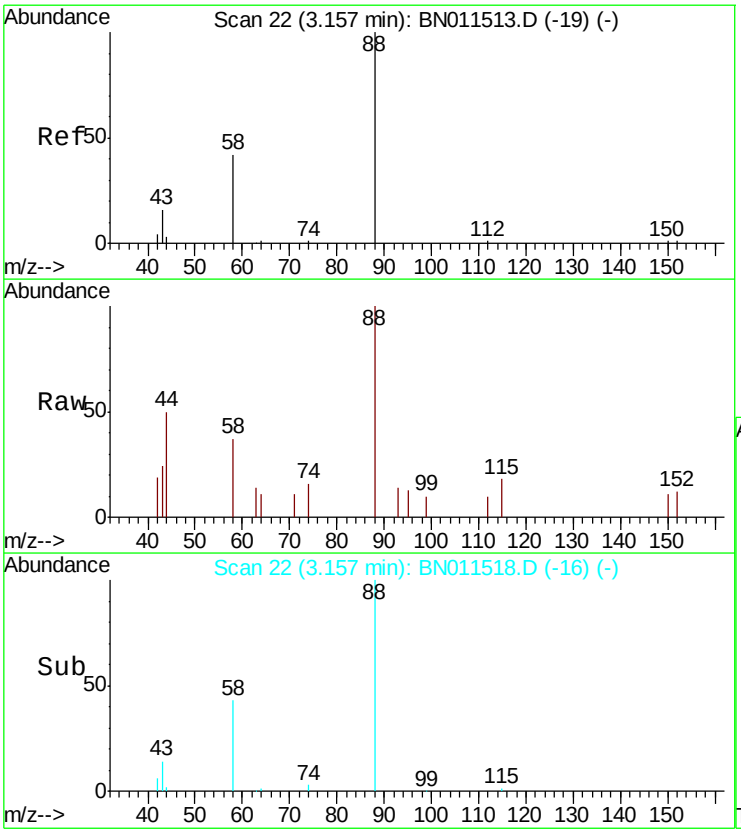
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 553
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:152 Resp: 1120

Ion	Ratio	Lower	Upper
152	100		
150	147.1	121.6	182.4
115	62.7	51.9	77.9

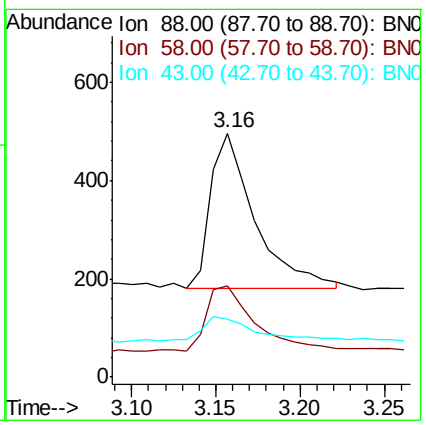


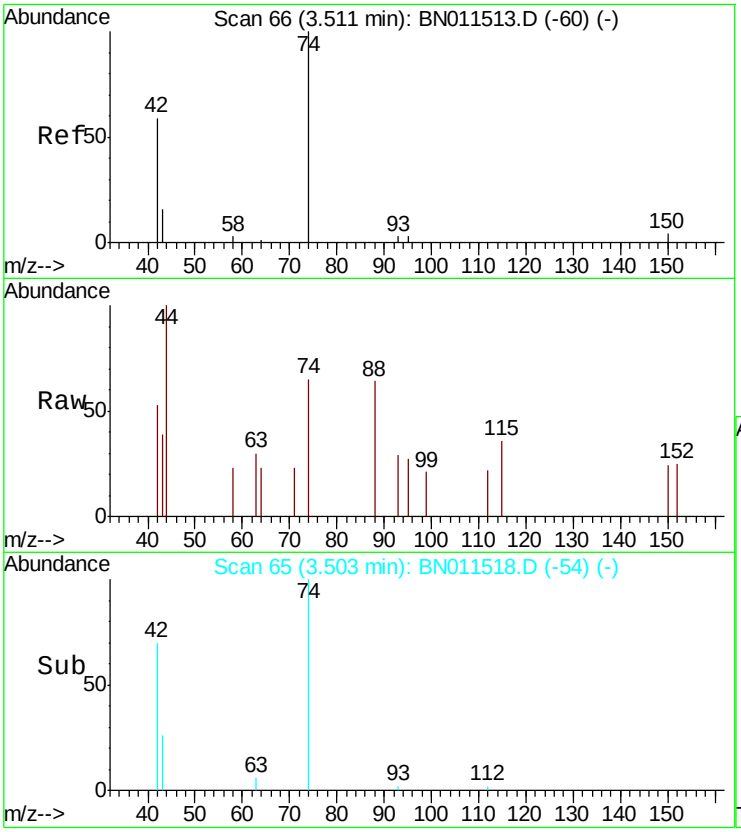


#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.16 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion: 88 Resp: 575

Ion	Ratio	Lower	Upper
88	100		
58	45.9	38.6	57.8
43	16.0	15.8	23.6



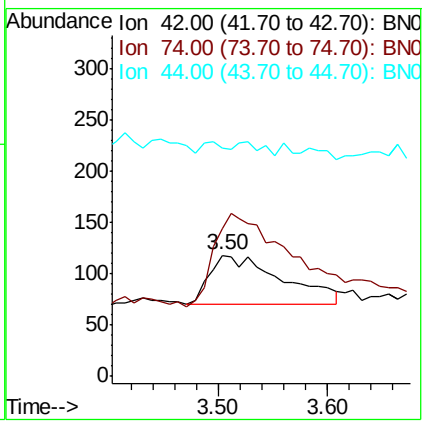


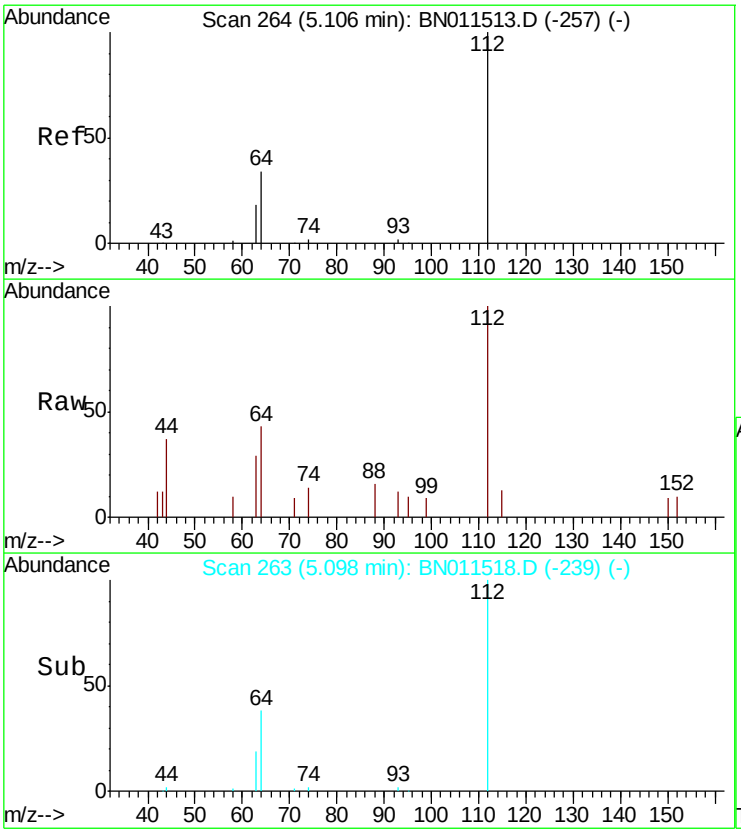
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 3.50 min Scan# 65
Delta R.T. -0.01 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion: 42 Resp: 224

Ion	Ratio	Lower	Upper
42	100		
74	0.0	150.4	225.6#
44	8.5	0.0	0.0#

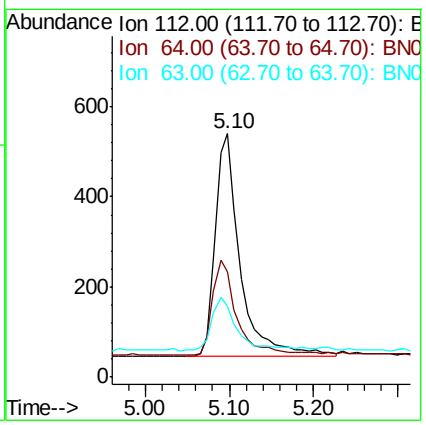


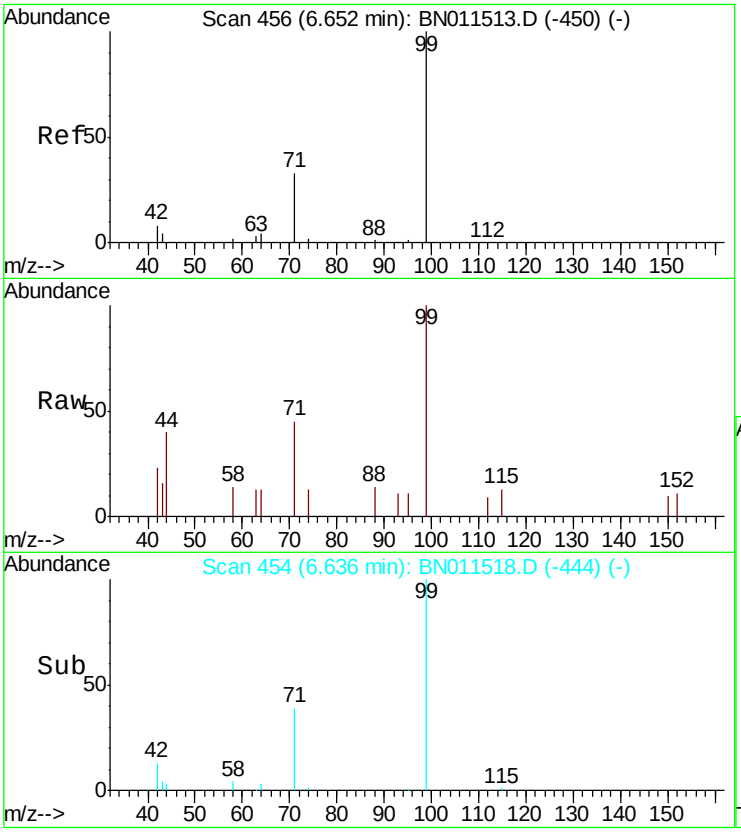


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.10 min Scan# 263
Delta R.T. -0.01 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:112 Resp: 1013

Ion	Ratio	Lower	Upper
112	100		
64	43.5	33.8	50.6
63	24.1	19.5	29.3



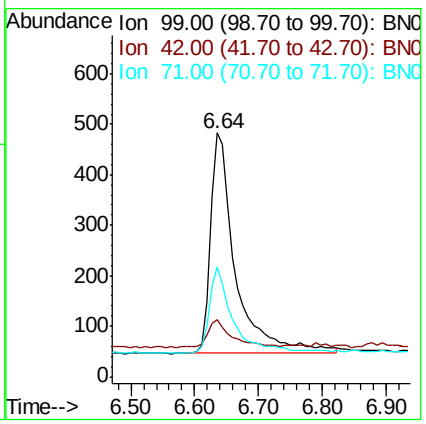


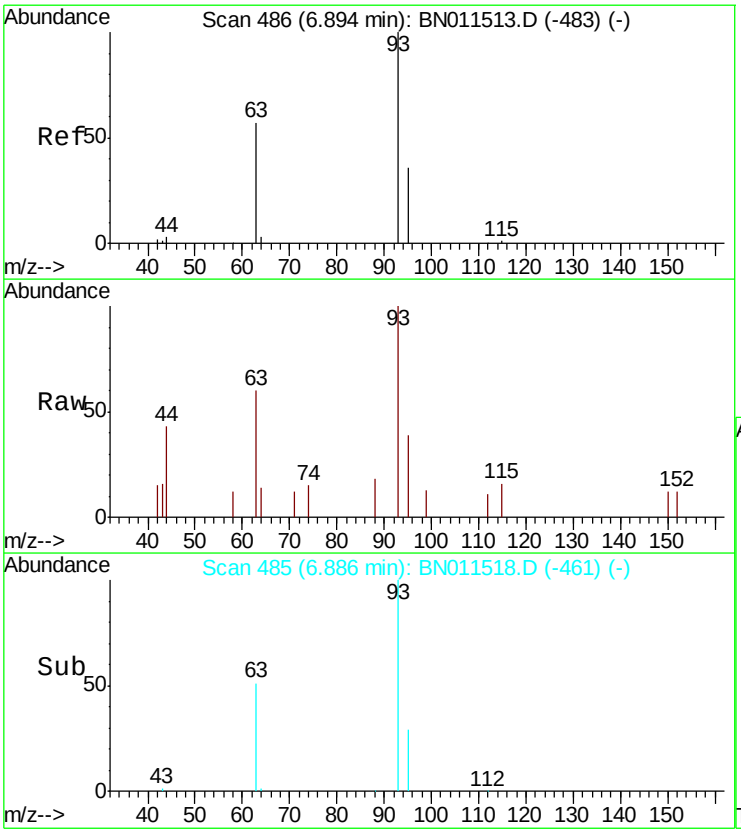
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.64 min Scan# 454
Delta R.T. -0.02 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion: 99 Resp: 1181

Ion	Ratio	Lower	Upper
99	100		
42	11.9	10.0	15.0
71	36.6	31.0	46.4

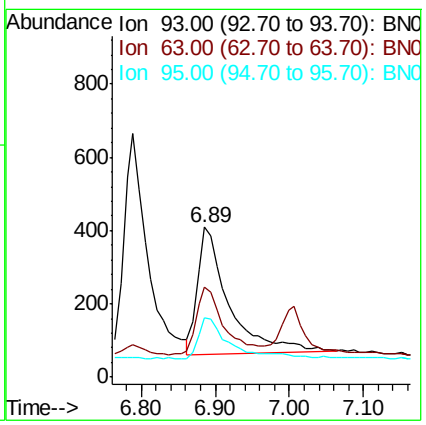


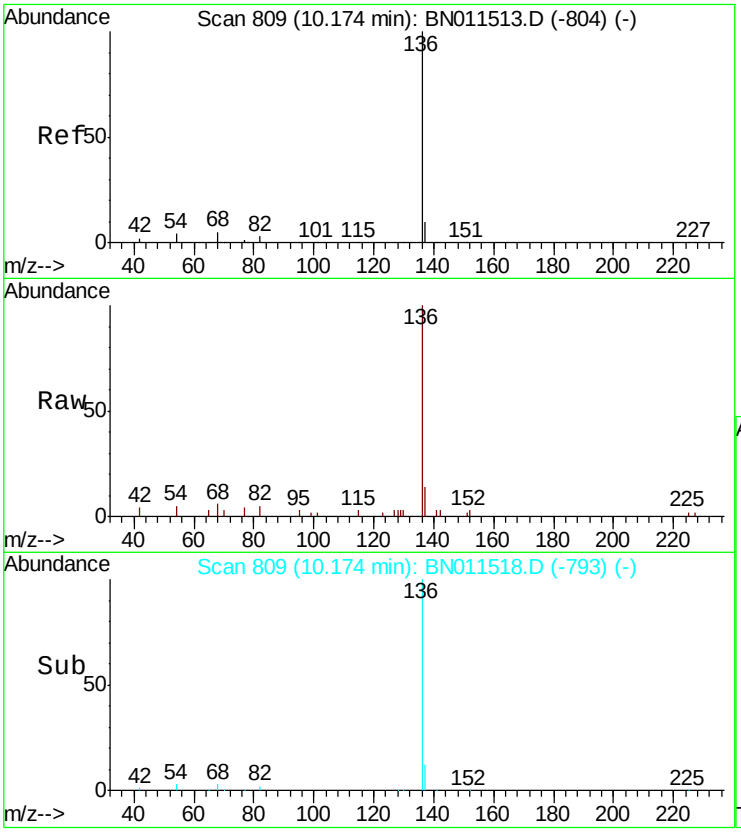


#6
bis(2-Chloroethyl)ether
Concen: 0.433 ng
RT: 6.89 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion: 93 Resp: 1029

Ion	Ratio	Lower	Upper
93	100		
63	46.6	45.4	68.2
95	28.1	31.8	47.8#



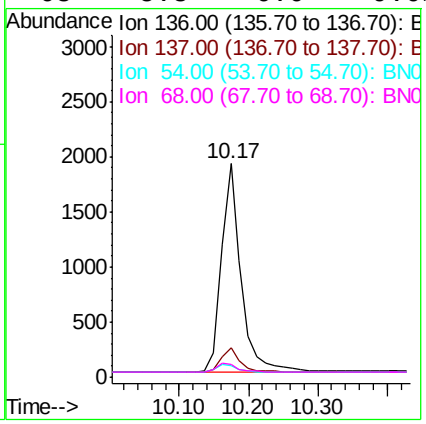


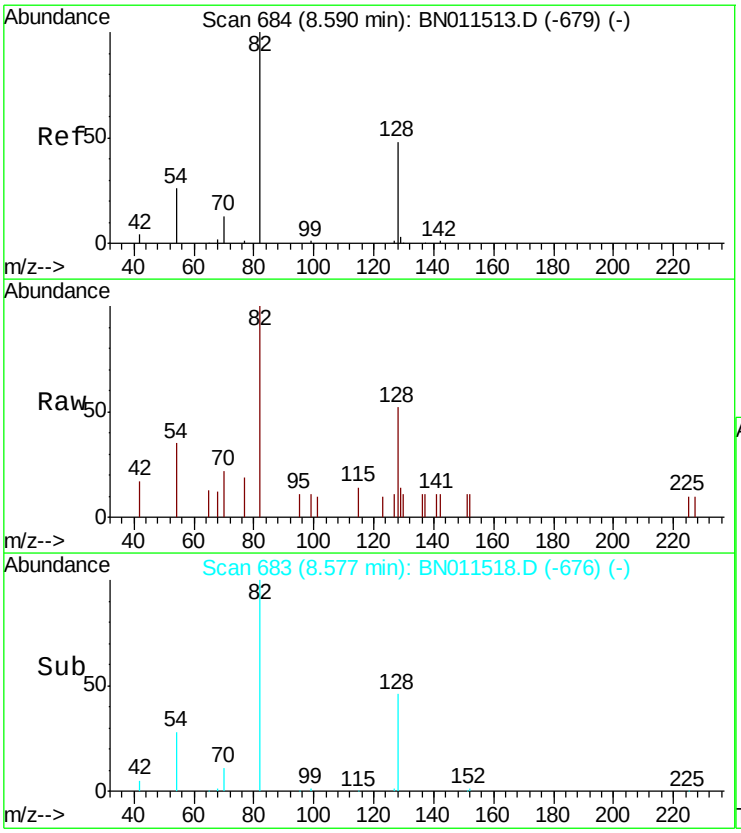
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 809
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:136 Resp: 3801

Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.3	15.5
54	5.4	5.7	8.5#
68	5.8	6.0	9.0#

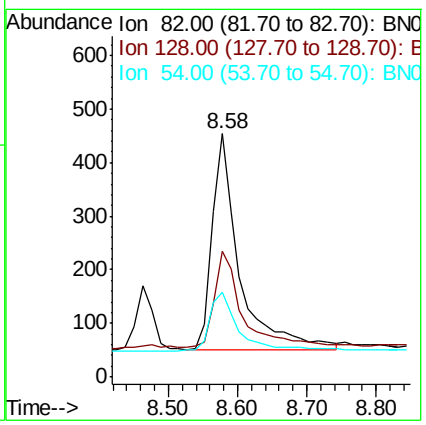


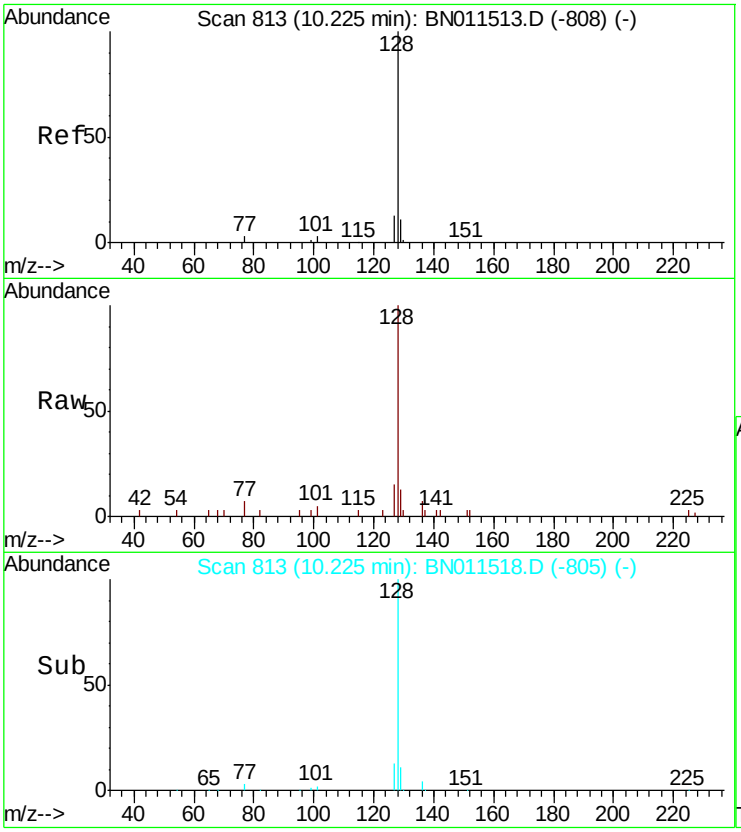


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.58 min Scan# 683
Delta R.T. -0.01 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion: 82 Resp: 1102

Ion	Ratio	Lower	Upper
82	100		
128	51.5	44.6	66.8
54	34.6	27.6	41.4

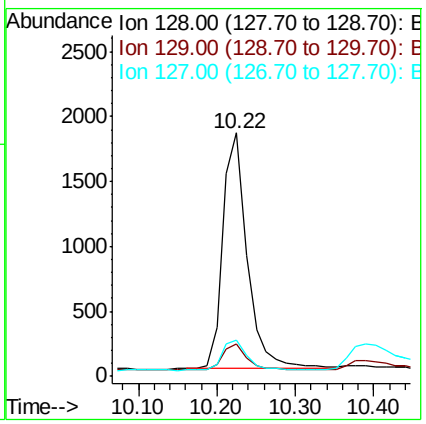




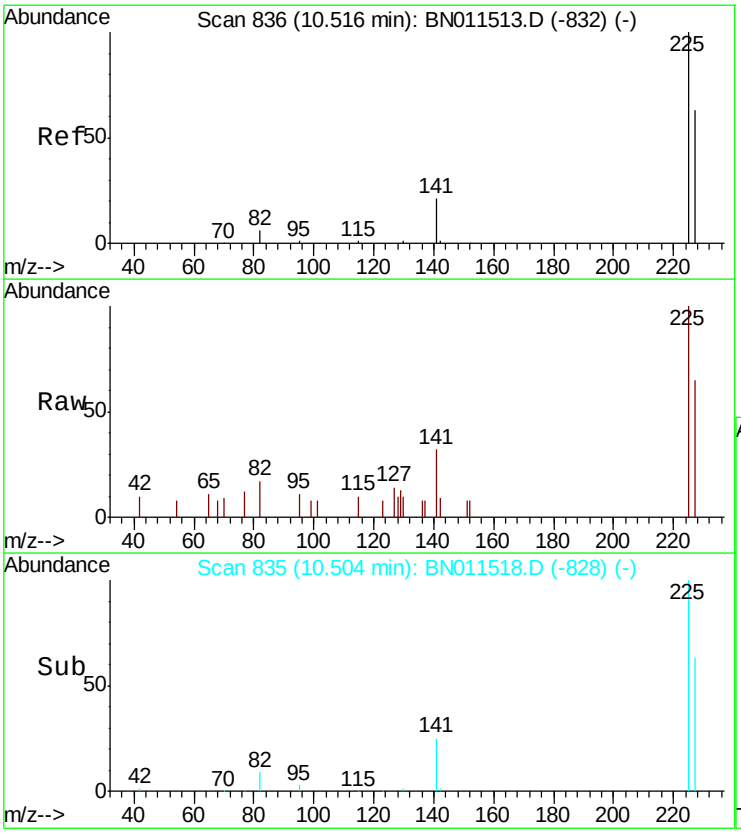
#9
Naphthalene
Concen: 0.356 ng
RT: 10.22 min Scan# 813
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:128 Resp: 3943

Ion	Ratio	Lower	Upper
128	100		
129	13.3	11.1	16.7
127	14.9	12.2	18.4



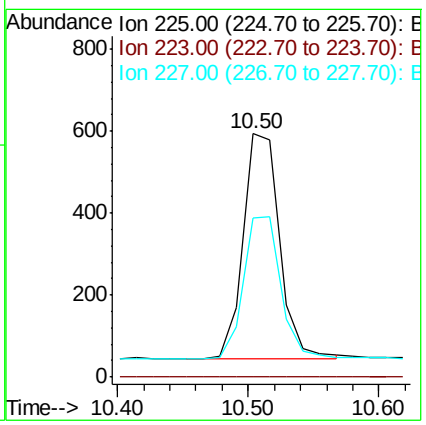
Instrument :
BNA_N
ClientSampleId :
ICVBN081920

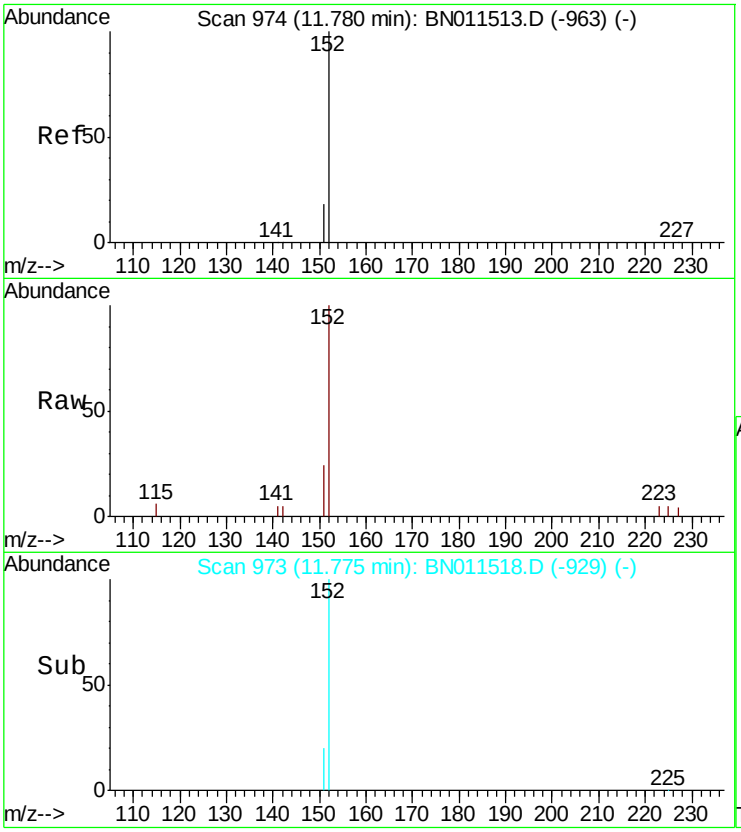


#10
Hexachlorobutadiene
Concen: 0.366 ng
RT: 10.50 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:225 Resp: 1051

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.1	75.1



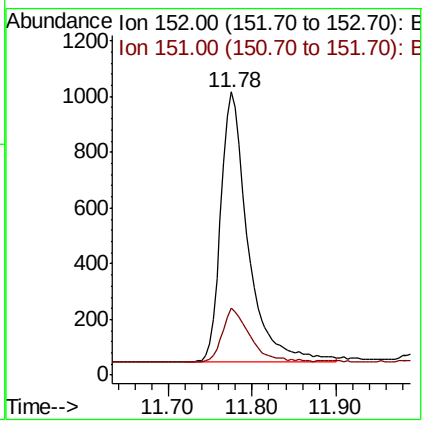


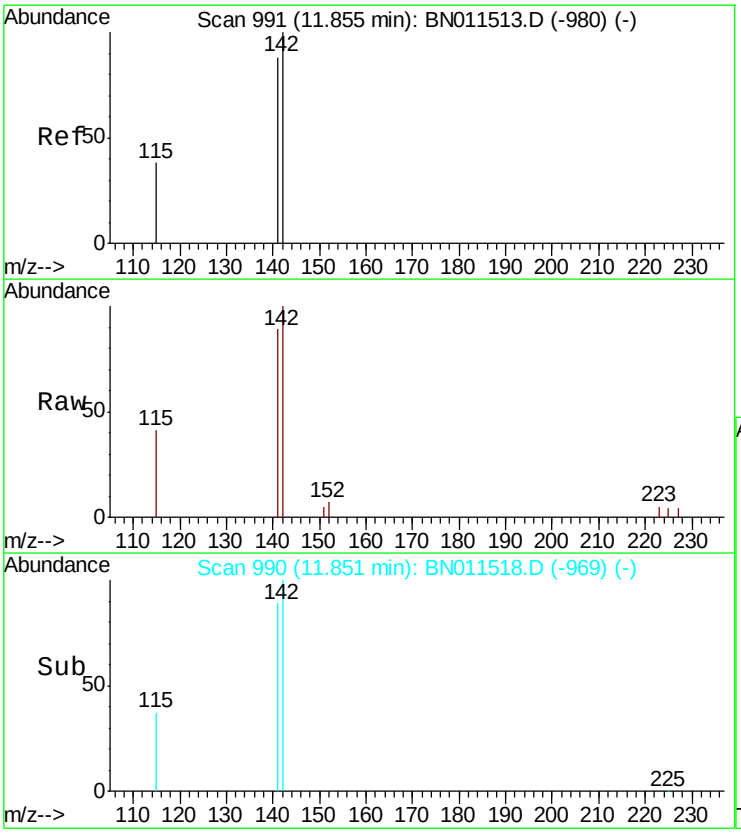
#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 11.78 min Scan# 973
Delta R.T. -0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:152 Resp: 2193

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

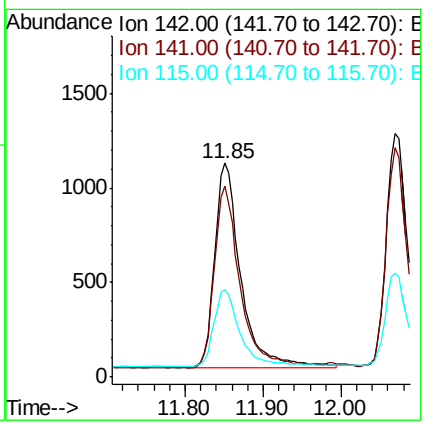


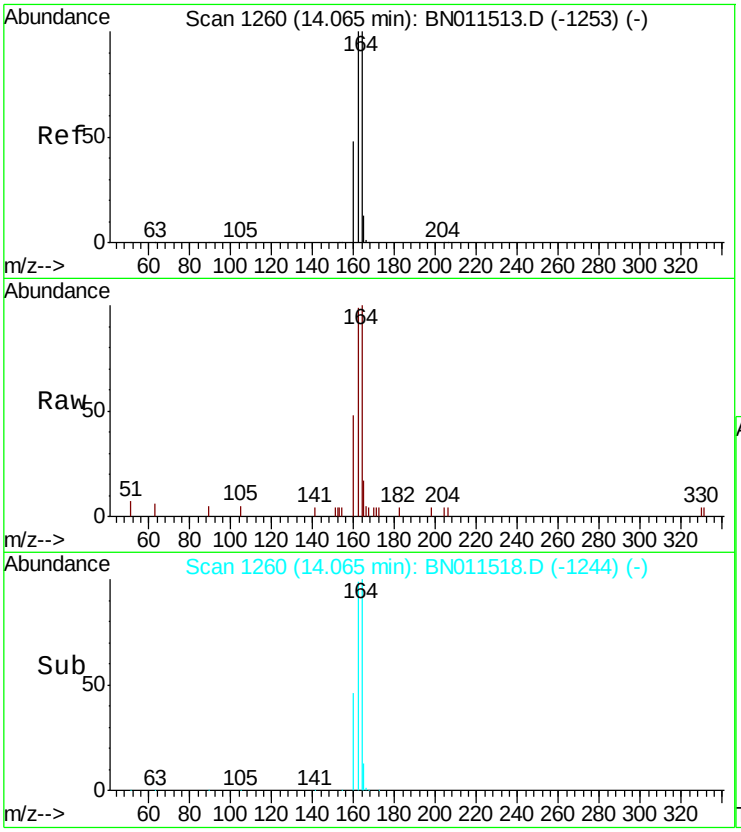


#12
2-Methylnaphthalene
Concen: 0.315 ng
RT: 11.85 min Scan# 990
Delta R.T. -0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:142 Resp: 2510

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.9	106.3
115	40.8	33.2	49.8



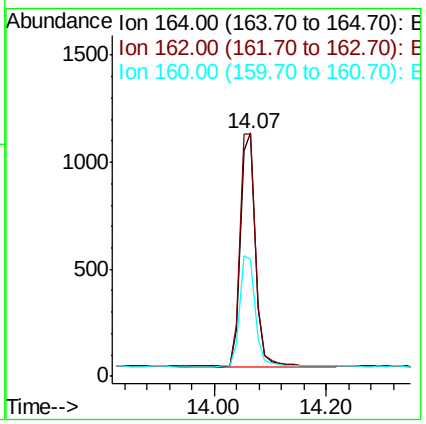


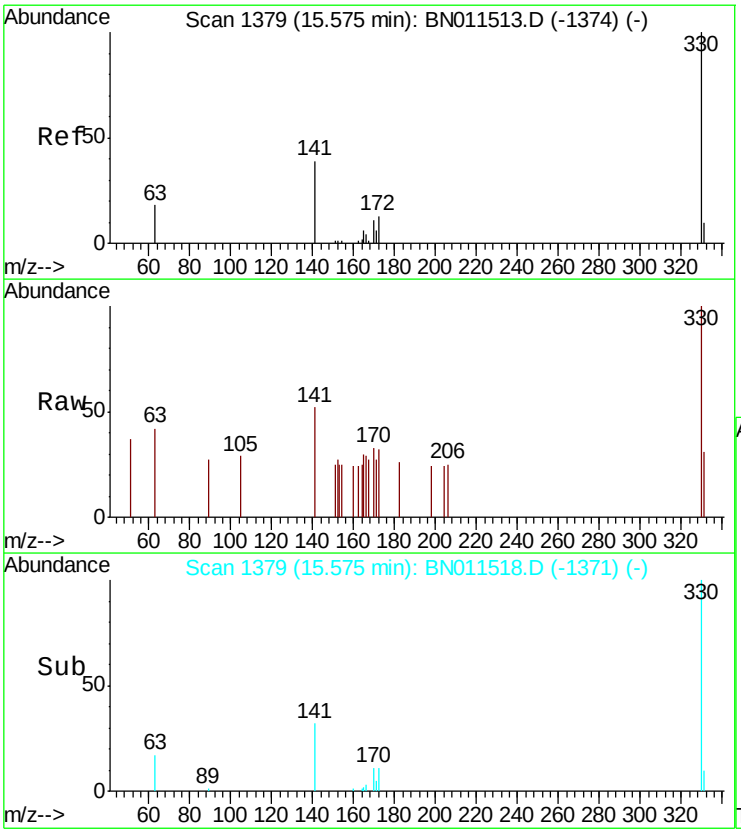
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.07 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:164 Resp: 2045

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.8	119.8
160	48.2	39.6	59.4

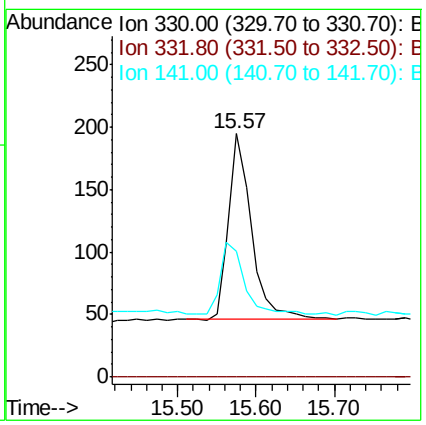


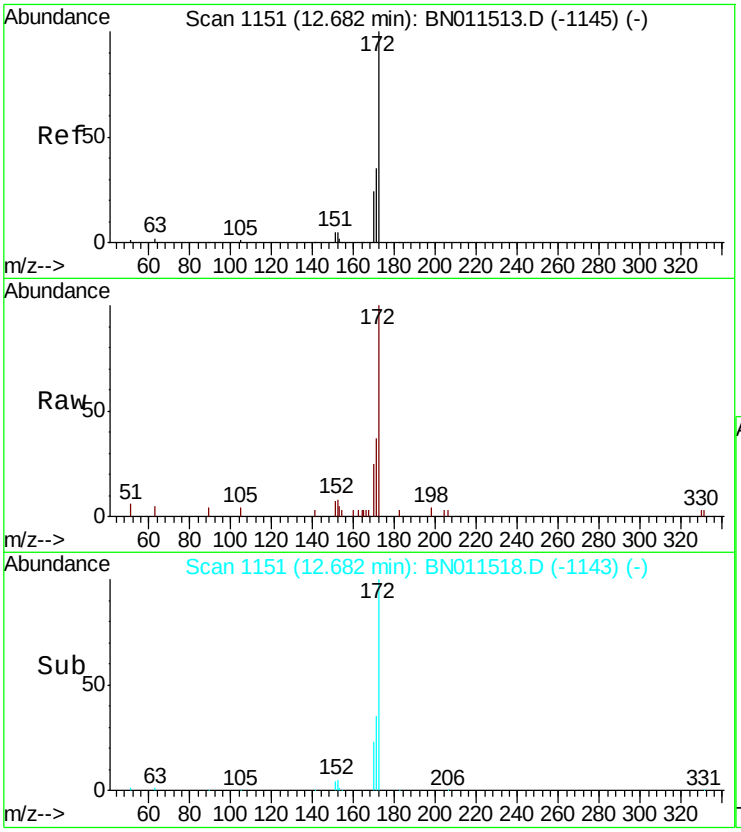


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.57 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:330 Resp: 301

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.2	35.8	53.6



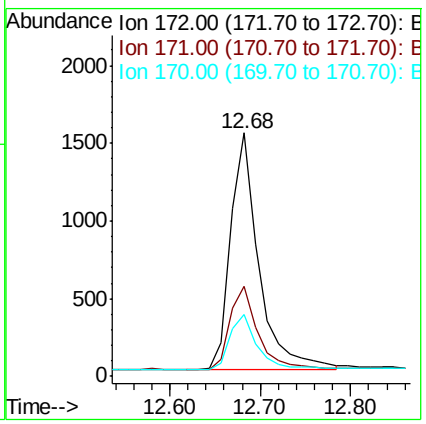


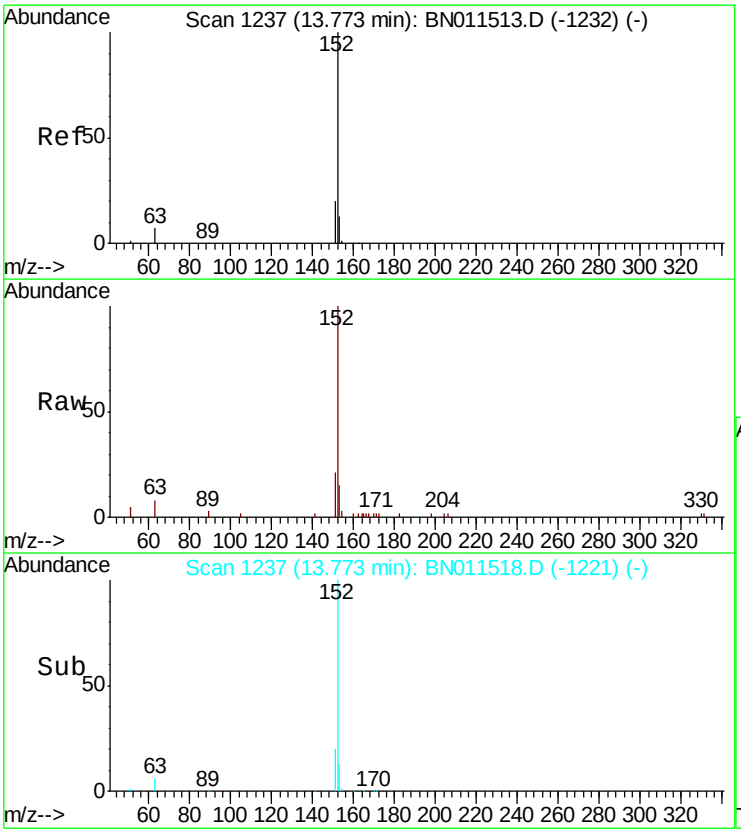
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.68 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:172 Resp: 3266

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	25.3	20.9	31.3

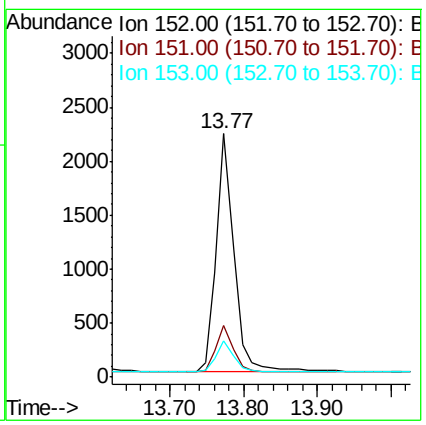


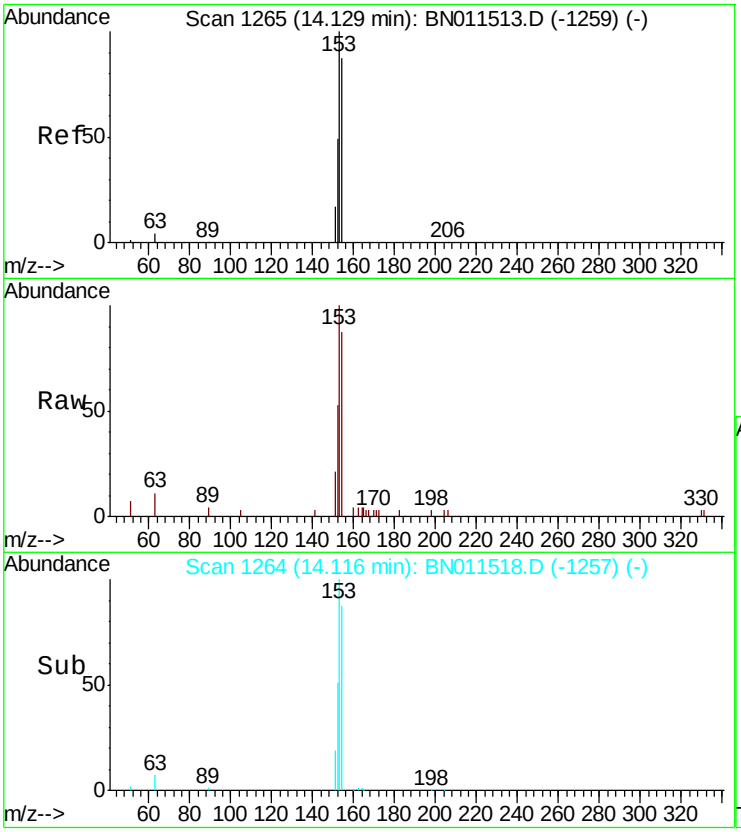


#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.77 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:152 Resp: 3704

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.5	10.1	15.1



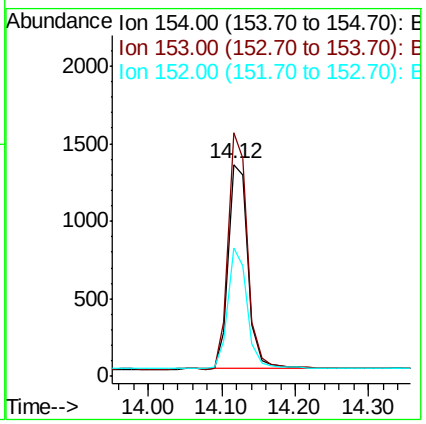


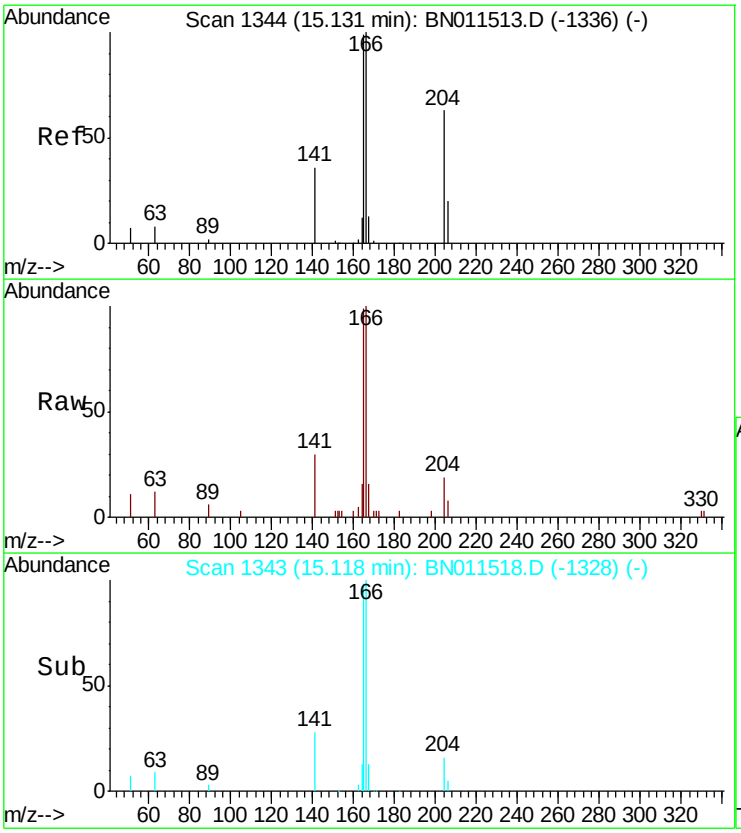
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.12 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:154 Resp: 2432

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.1	138.1
152	58.5	46.4	69.6

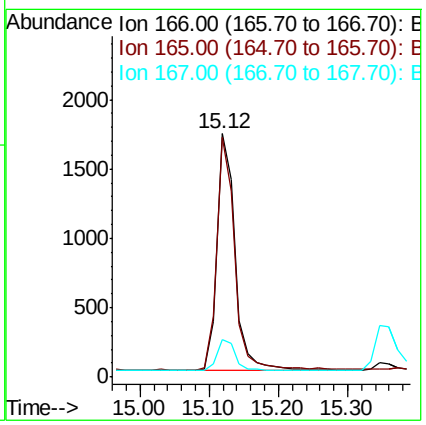


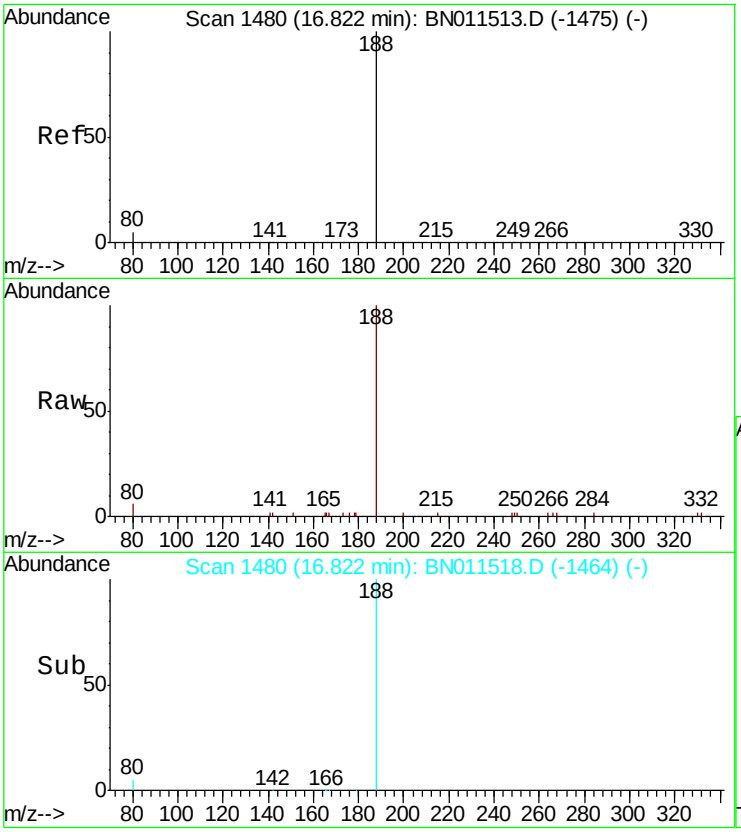


#18
Fluorene
Concen: 0.370 ng
RT: 15.12 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:166 Resp: 3157

Ion	Ratio	Lower	Upper
166	100		
165	96.1	80.4	120.6
167	13.7	10.7	16.1



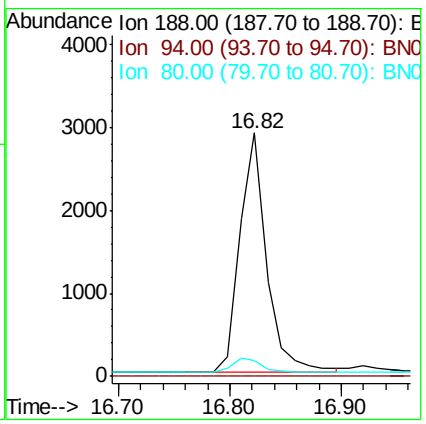


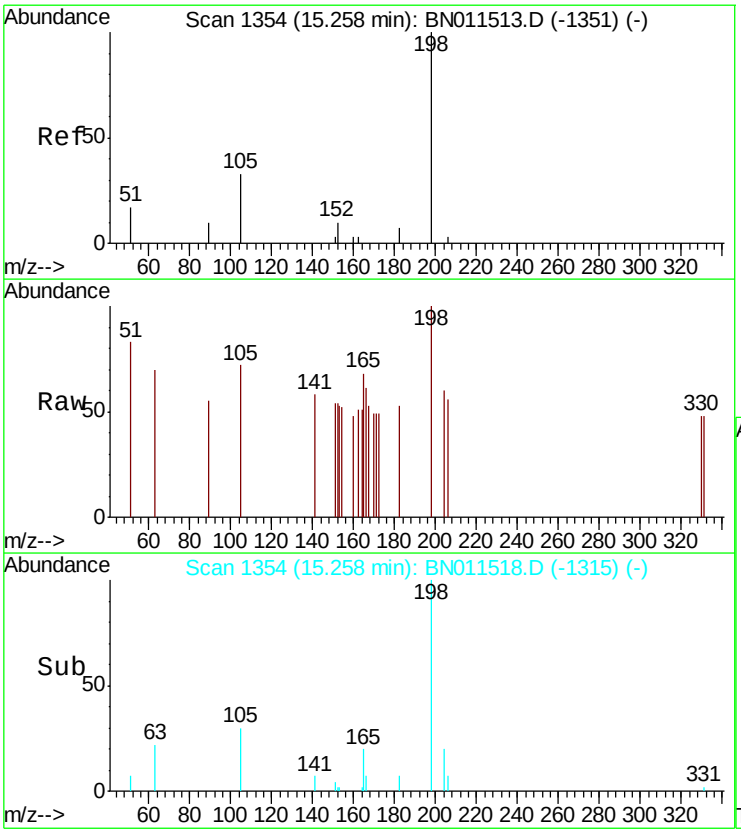
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:188 Resp: 4856

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	5.4	8.2

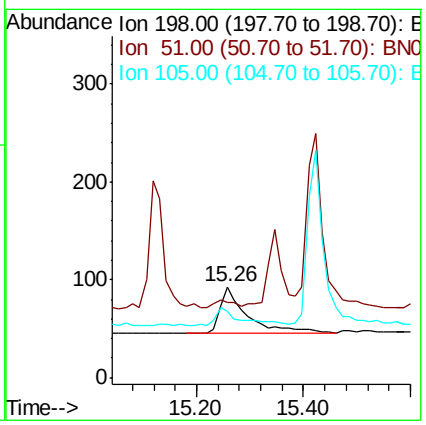


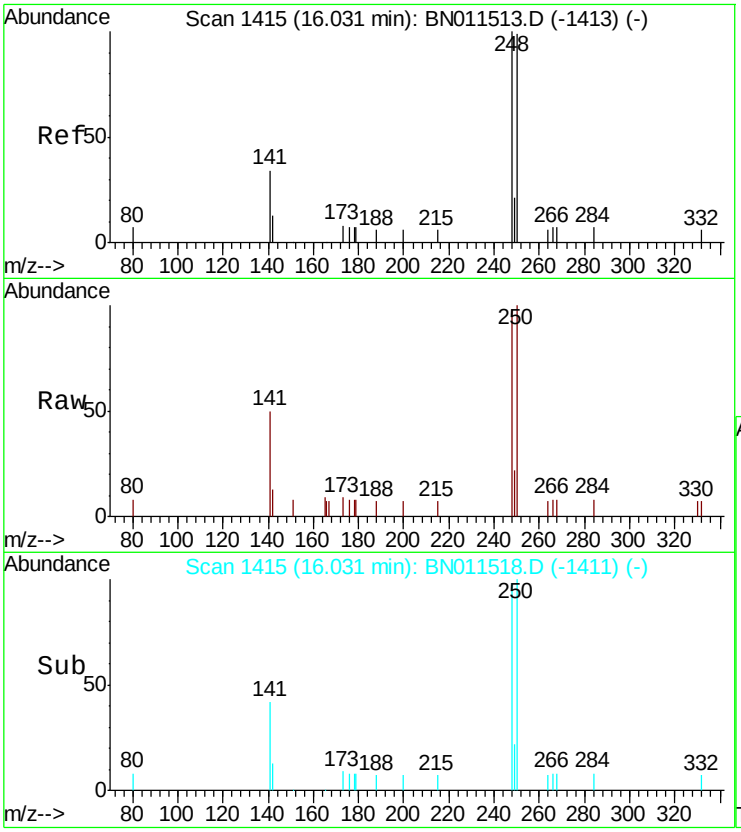


#20
4,6-Dinitro-2-methylphenol
Concen: 0.408 ng
RT: 15.26 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:198 Resp: 173

Ion	Ratio	Lower	Upper
198	100		
51	82.8	75.8	113.6
105	72.0	65.3	97.9



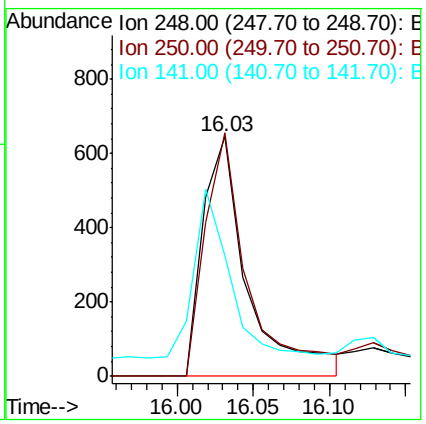


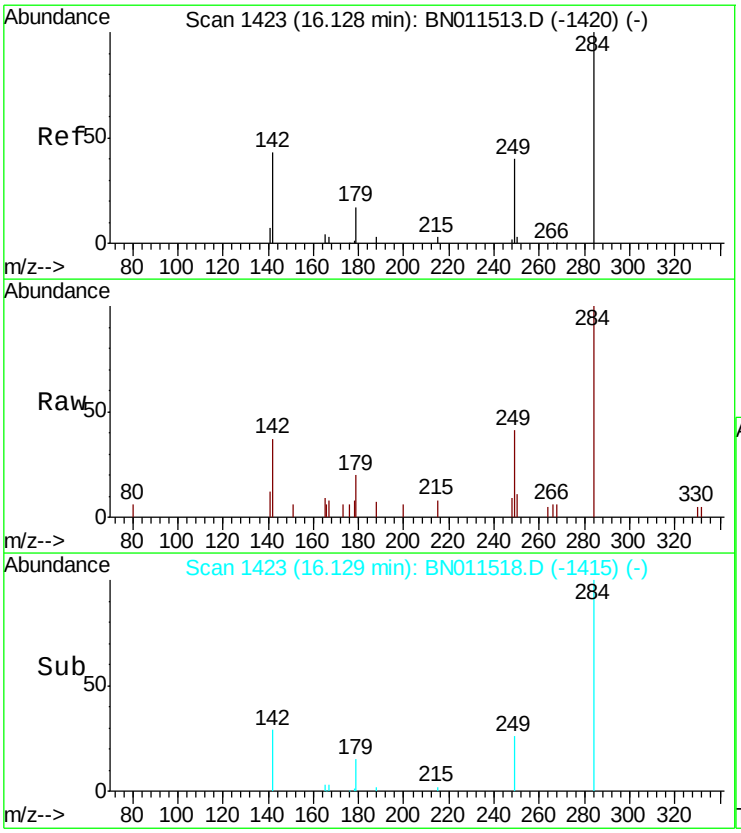
#21
4-Bromophenyl-phenylether
Concen: 0.254 ng
RT: 16.03 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:248 Resp: 1313

Ion	Ratio	Lower	Upper
248	100		
250	101.9	79.4	119.0
141	50.6	40.8	61.2

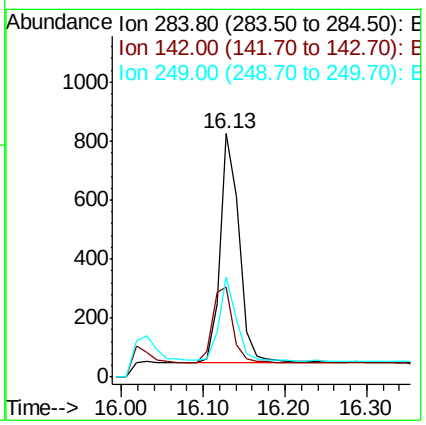


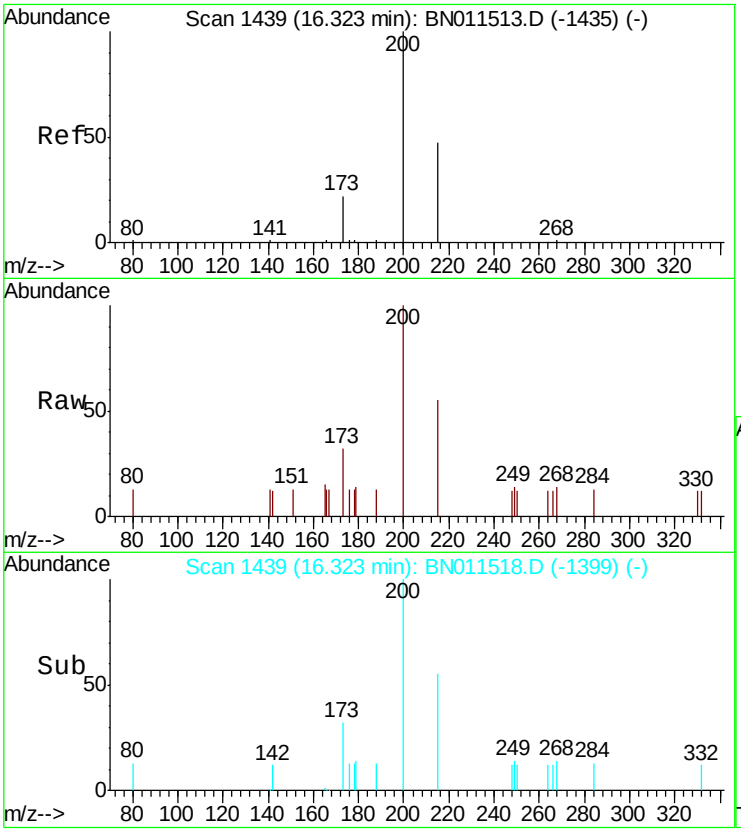


#22
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.13 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:284 Resp: 1234

Ion	Ratio	Lower	Upper
284	100		
142	37.4	31.7	47.5
249	34.4	27.4	41.2



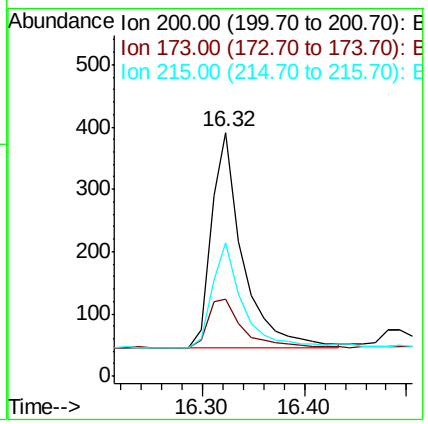


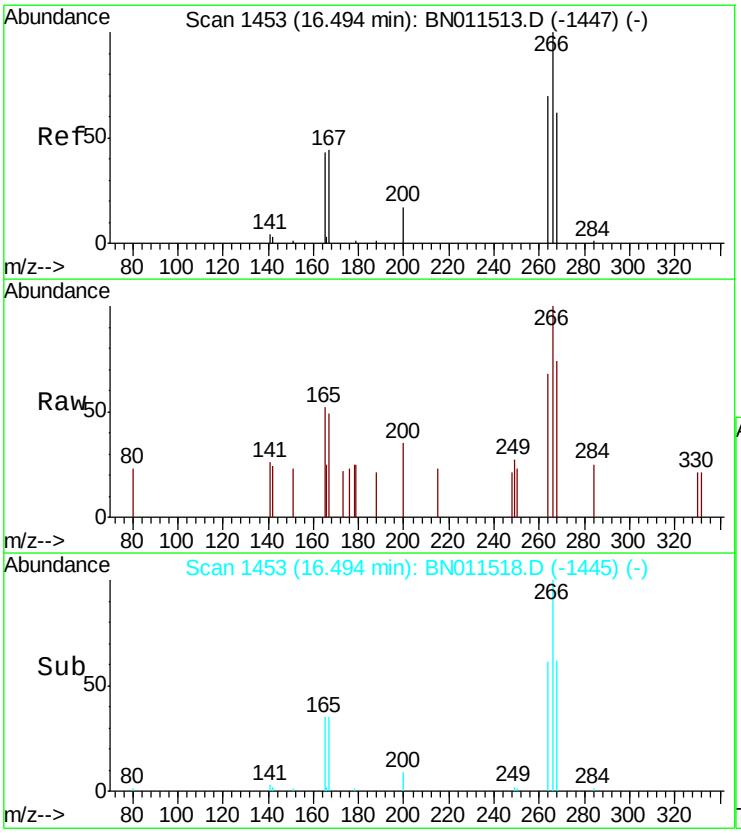
#23
Atrazine
Concen: 0.308 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:200 Resp: 727

Ion	Ratio	Lower	Upper
200	100		
173	31.7	24.0	36.0
215	55.0	42.2	63.4

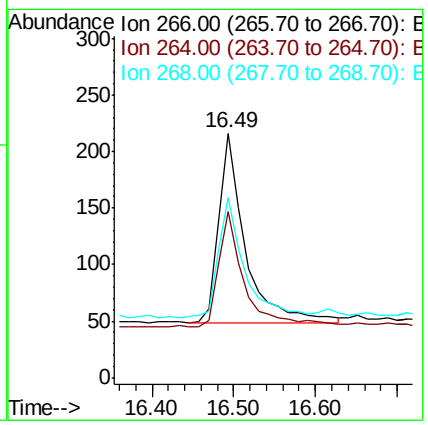


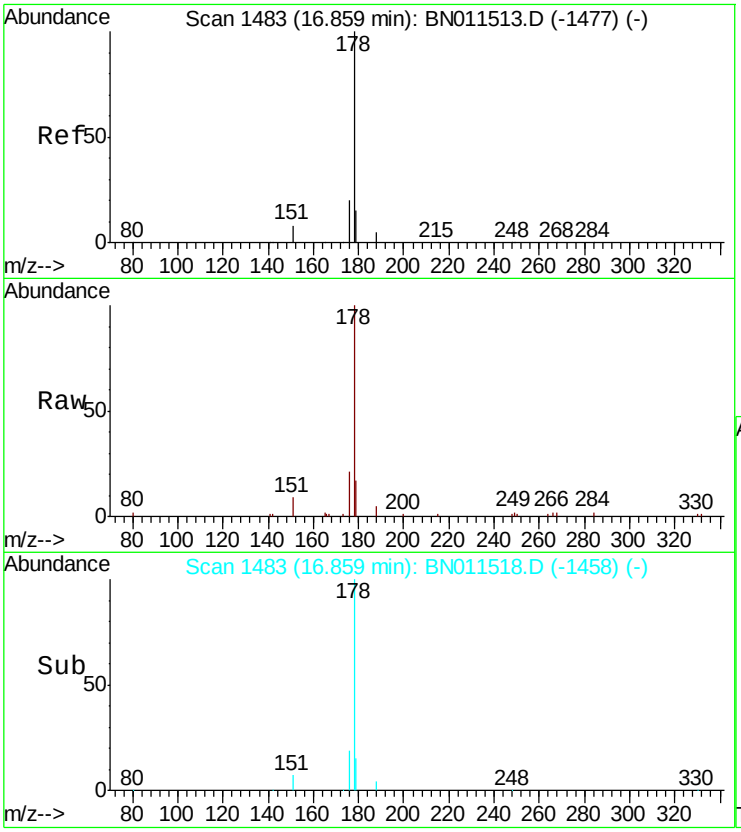


#24
Pentachlorophenol
Concen: 0.350 ng
RT: 16.49 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:266 Resp: 388

Ion	Ratio	Lower	Upper
266	100		
264	58.8	53.7	80.5
268	61.1	53.0	79.4



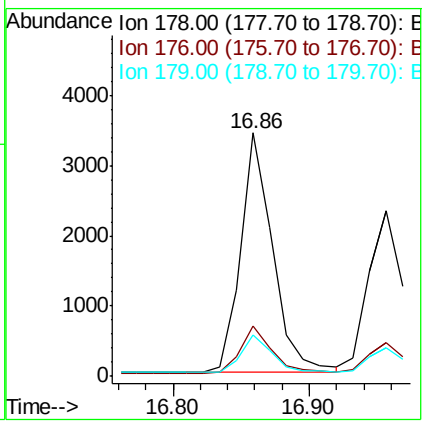


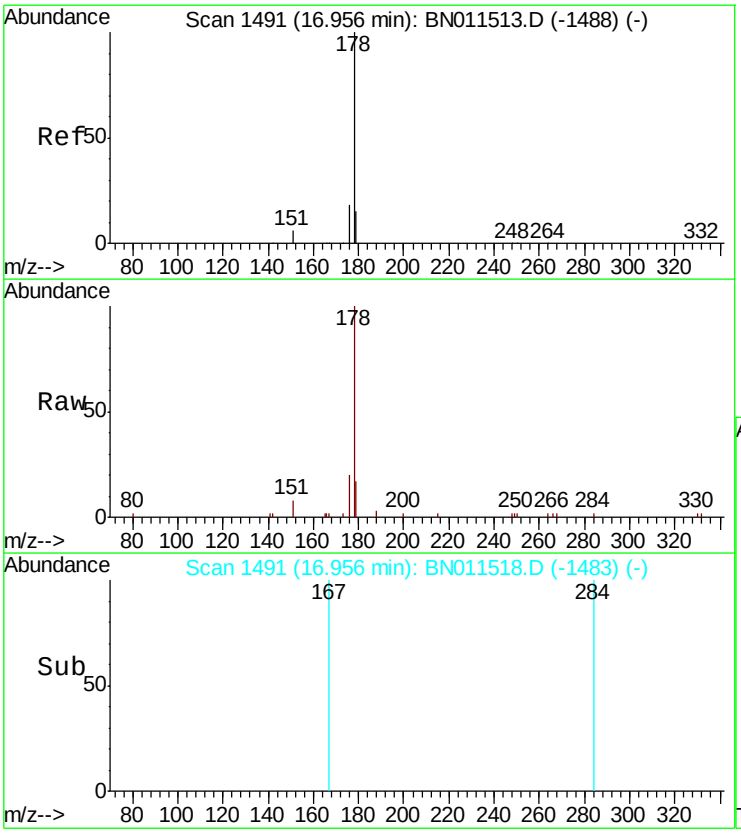
#25
Phenanthrene
Concen: 0.359 ng
RT: 16.86 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:178 Resp: 5552

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.3	18.5

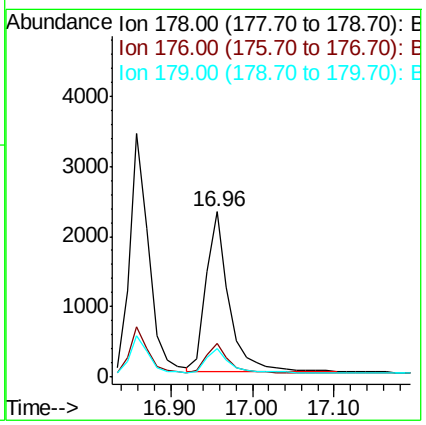


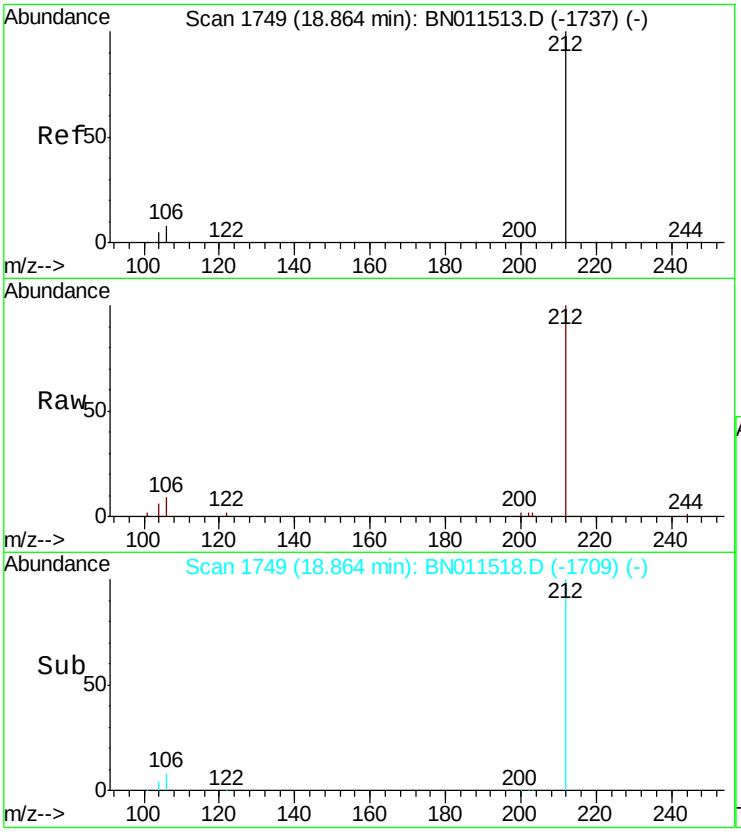


#26
Anthracene
Concen: 0.333 ng
RT: 16.96 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:178 Resp: 4396

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.4	21.6
179	15.3	12.2	18.2



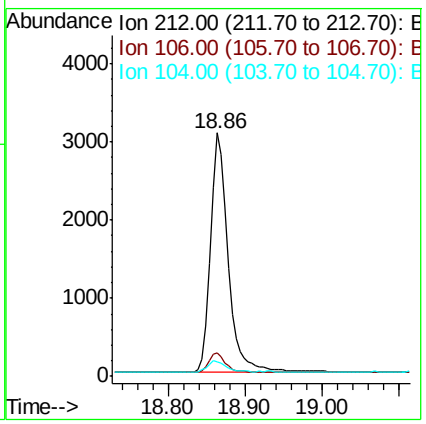


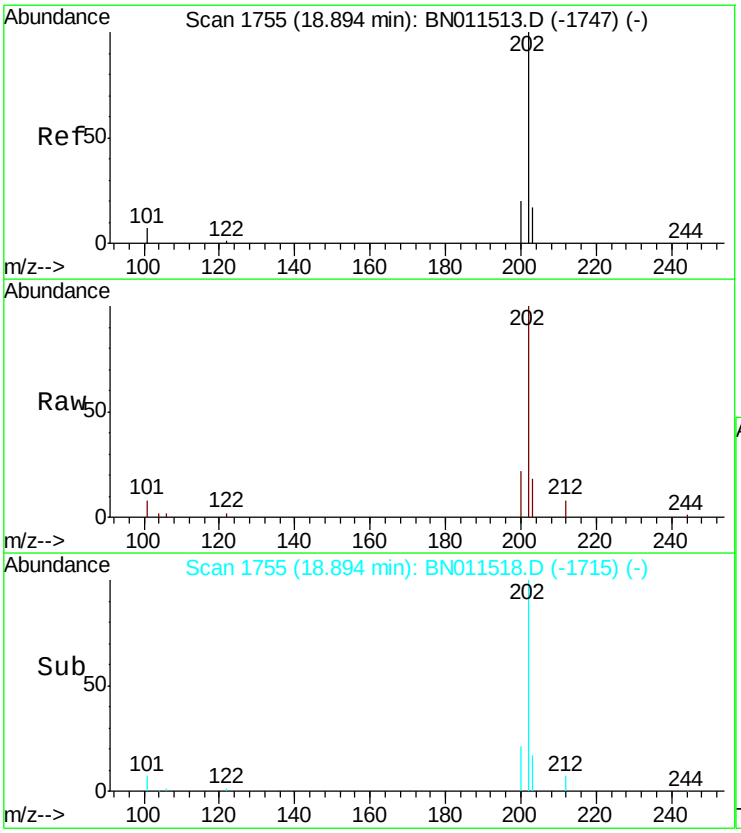
#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 18.86 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:212 Resp: 4922

Ion	Ratio	Lower	Upper
212	100		
106	8.2	6.0	9.0
104	4.6	3.7	5.5

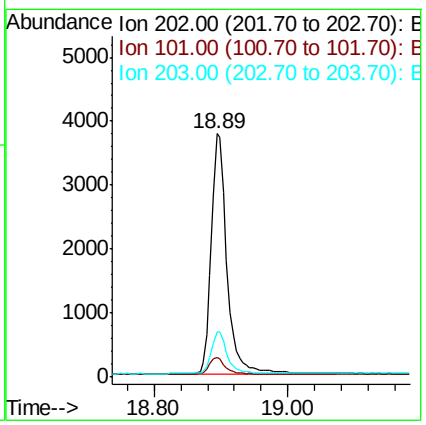


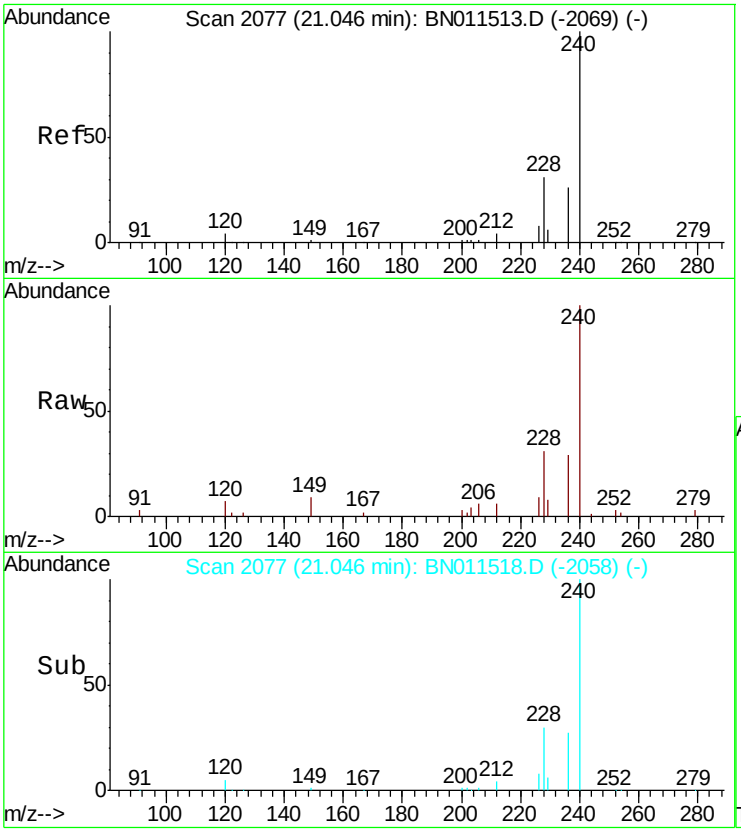


#28
Fluoranthene
Concen: 0.334 ng
RT: 18.89 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:202 Resp: 6122

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.1	7.7
203	16.8	13.8	20.6



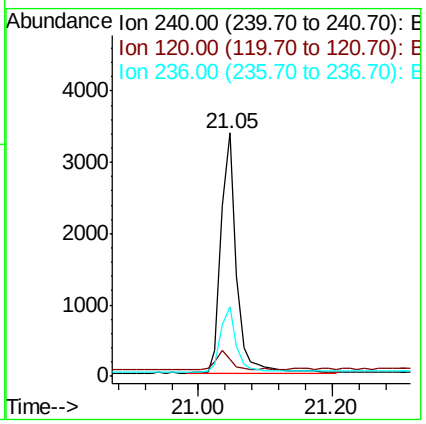


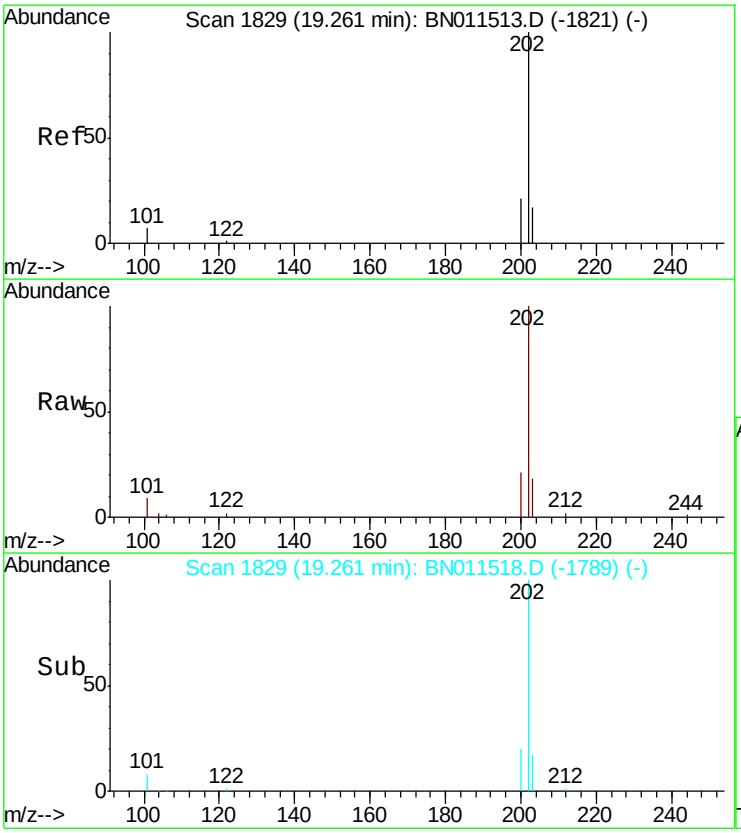
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:240 Resp: 5329

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.0	9.0
236	28.5	22.6	33.8

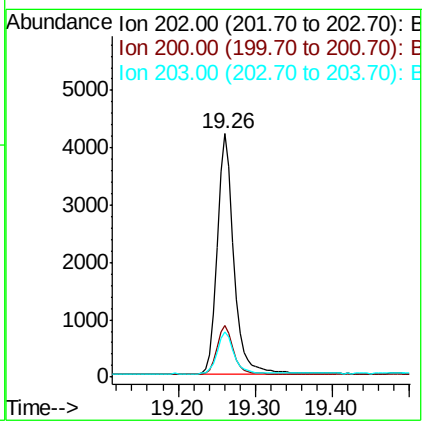


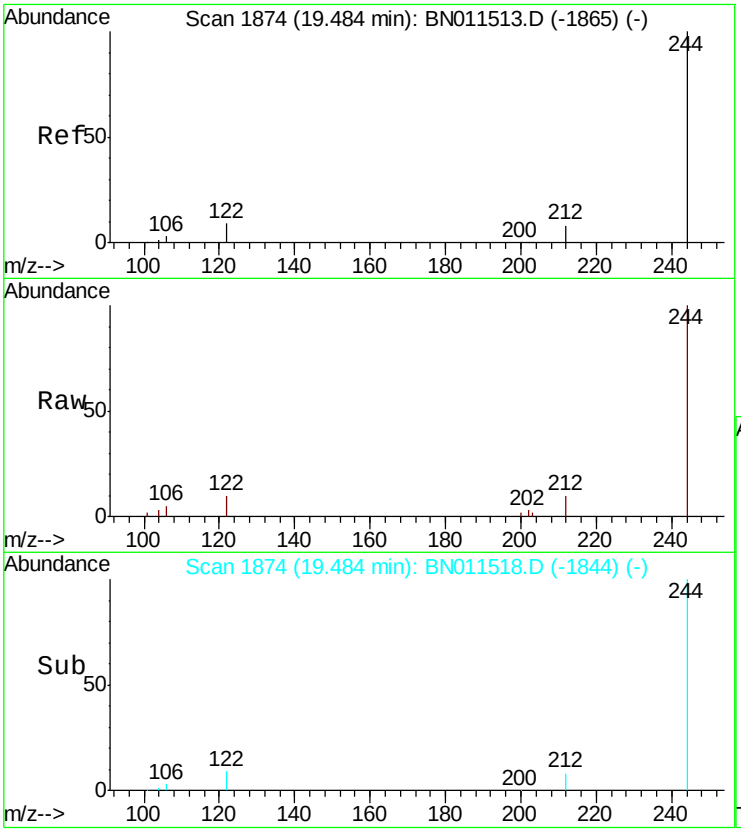


#30
Pyrene
Concen: 0.356 ng
RT: 19.26 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:202 Resp: 6255

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.7	13.9	20.9



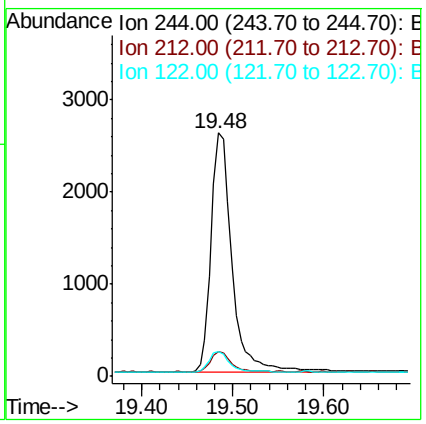


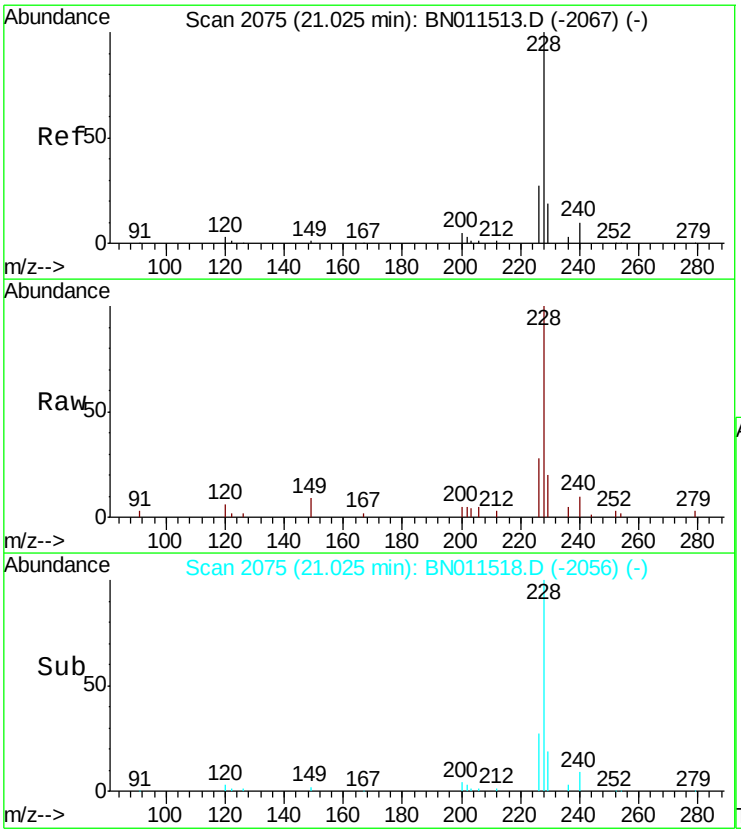
#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.48 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:244 Resp: 4132

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.2	12.4
122	10.3	8.4	12.6

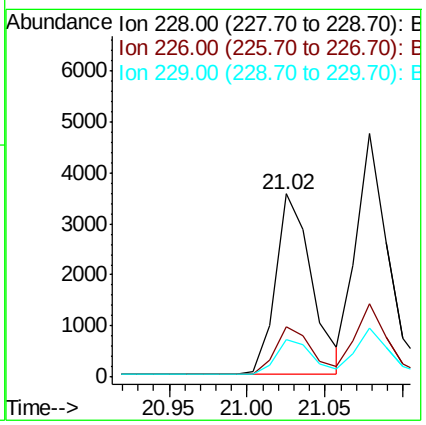


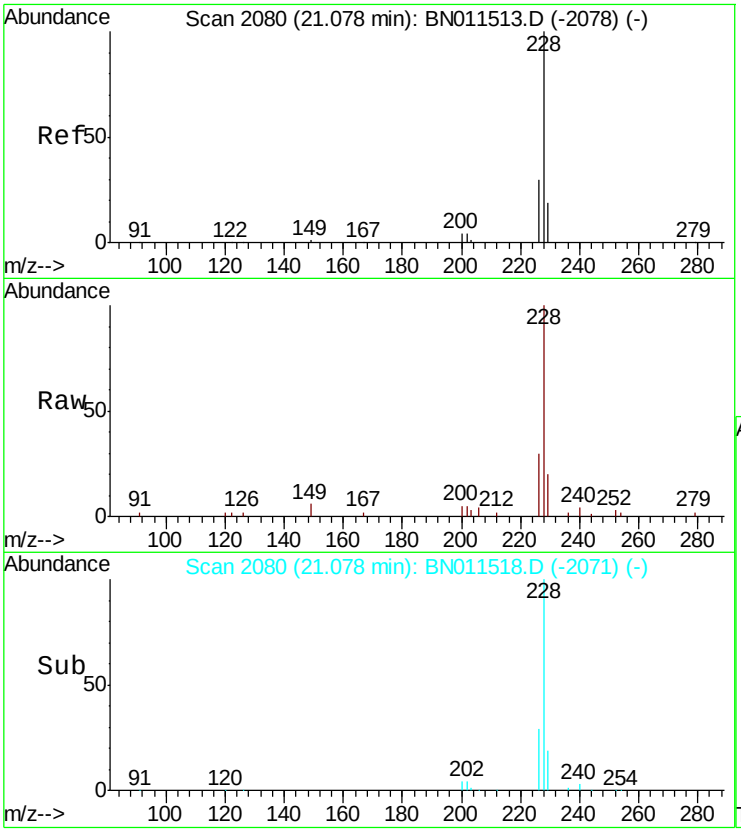


#32
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.02 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:228 Resp: 5697

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.2	16.2	24.2



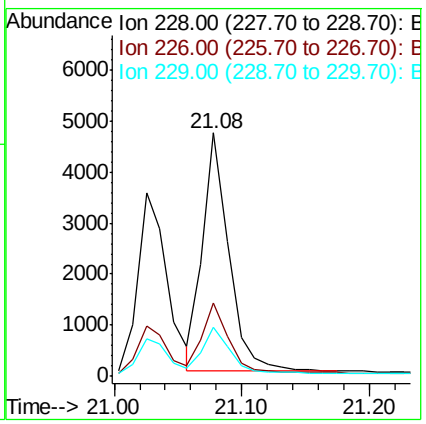


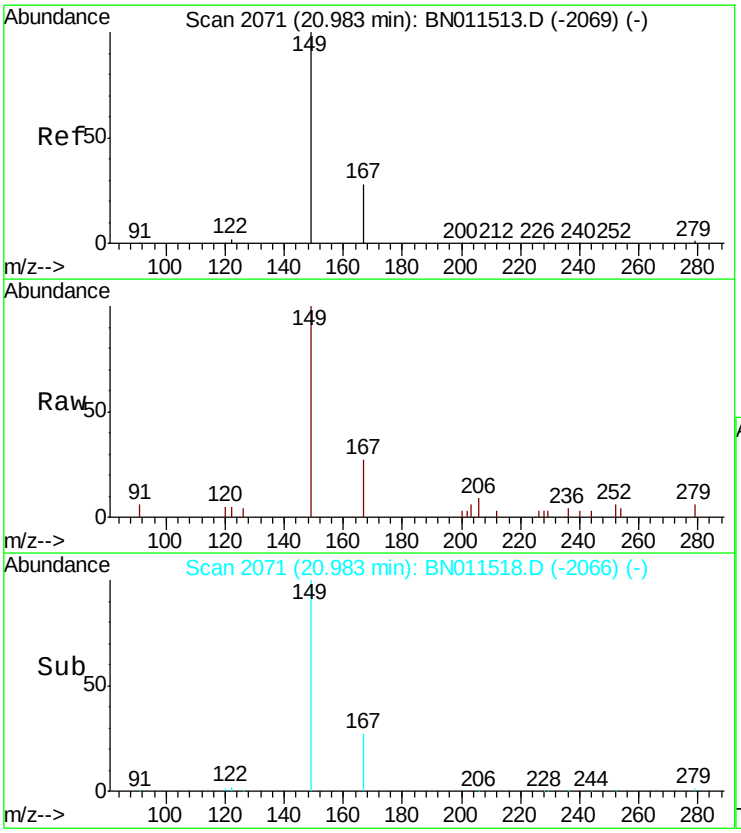
#33
Chrysene
Concen: 0.361 ng
RT: 21.08 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:228 Resp: 6693

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	20.1	15.9	23.9

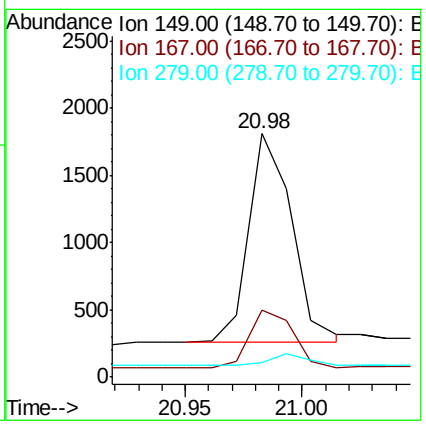


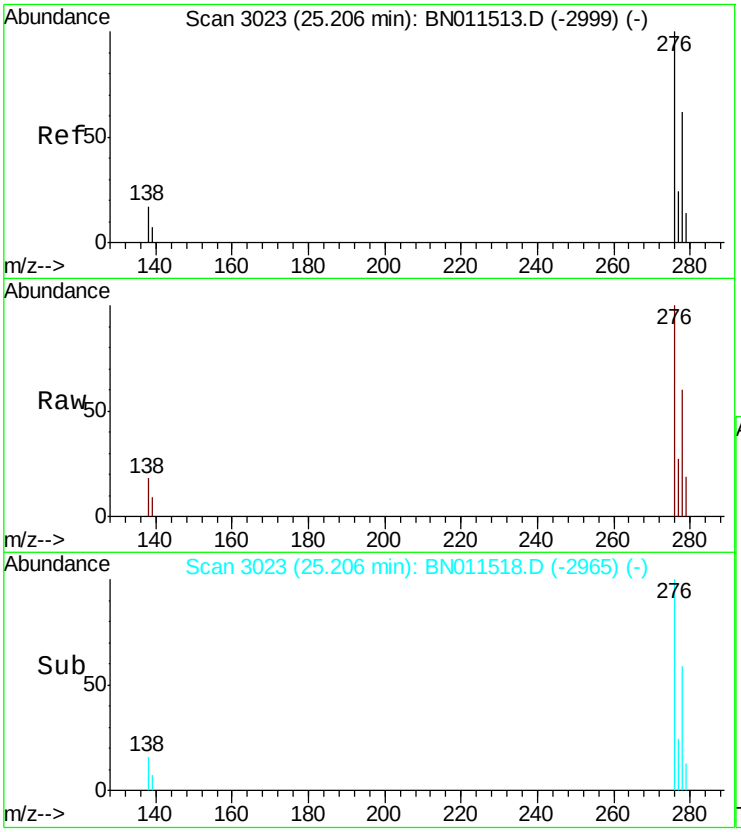


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.344 ng
RT: 20.98 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:149 Resp: 1992

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	5.4	4.1	6.1



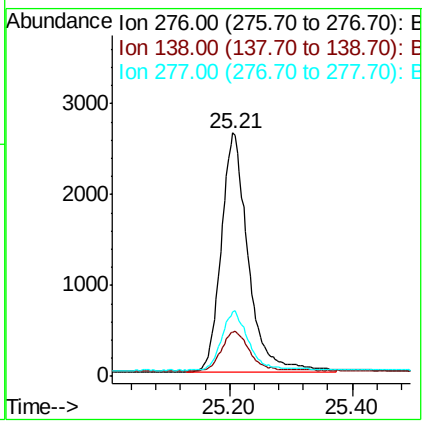


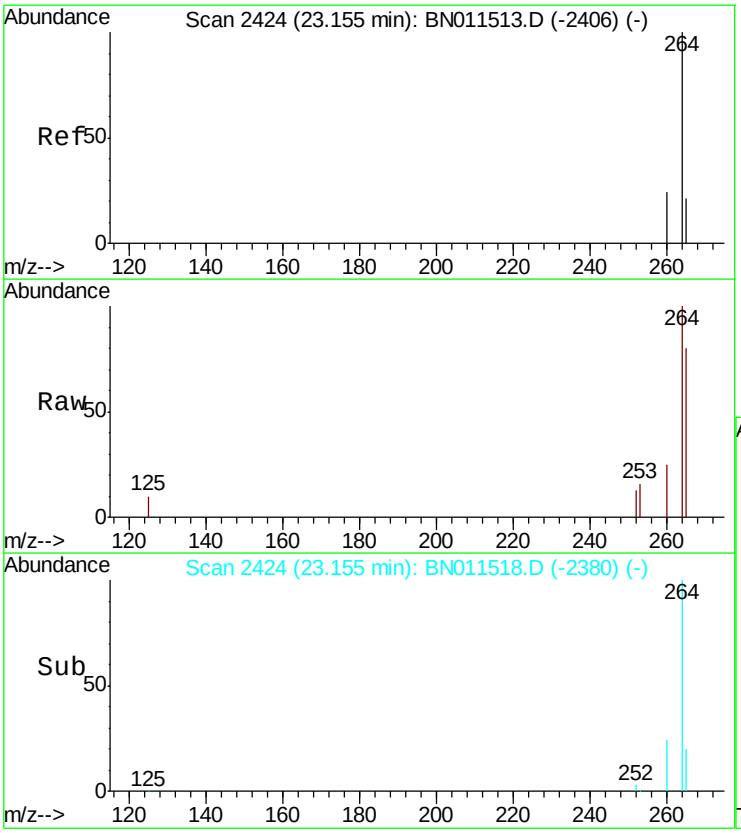
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 25.21 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:276 Resp: 8023

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.6	20.4
277	24.1	19.8	29.8

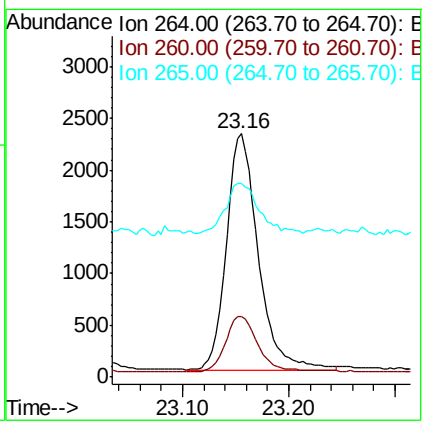


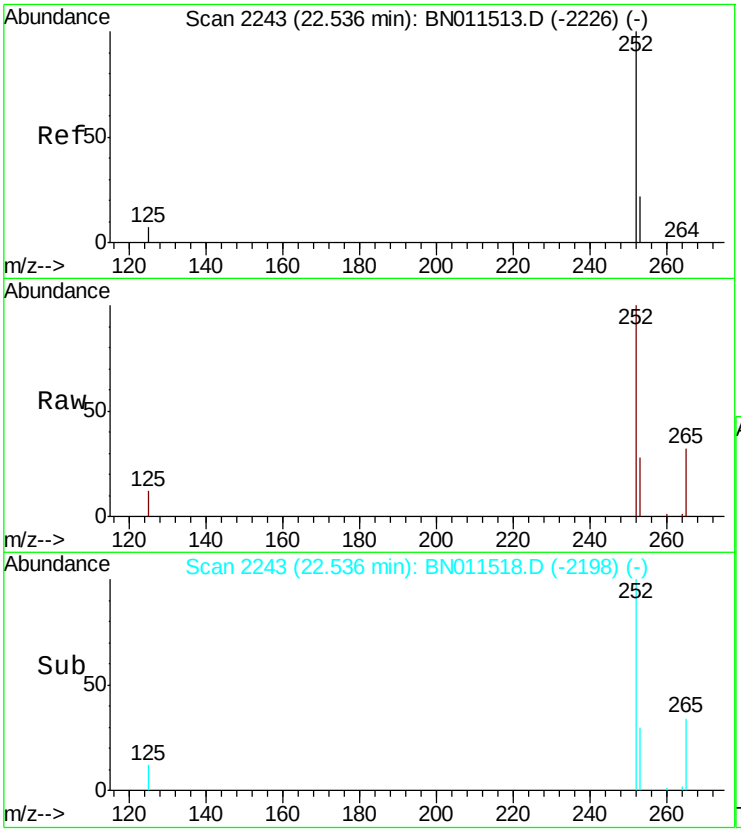


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:264 Resp: 4747

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	79.6	62.6	94.0



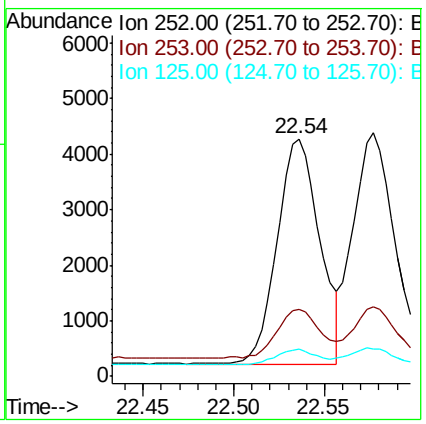


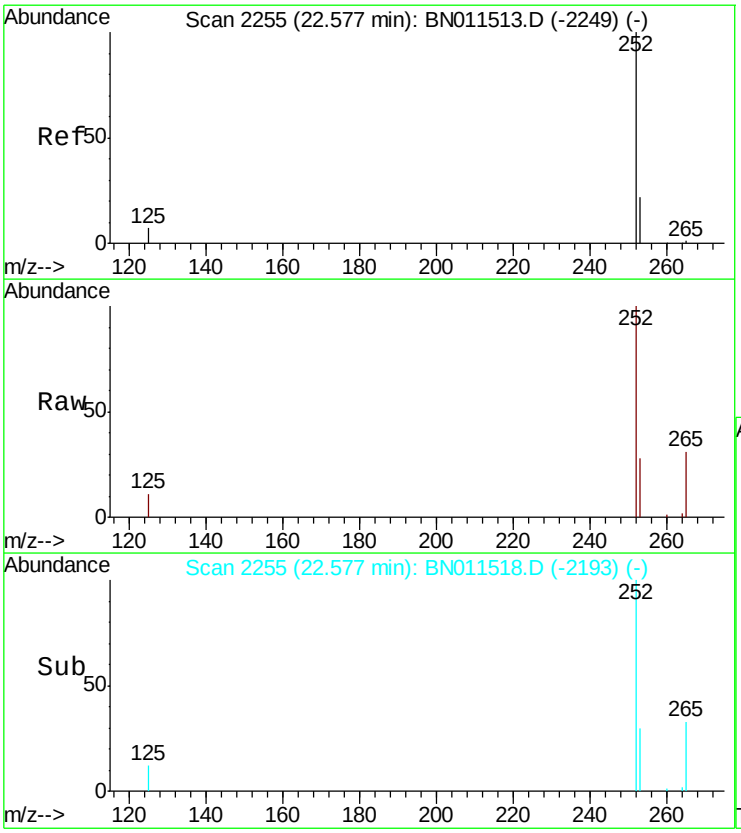
#37
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 22.54 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:252 Resp: 6633

Ion	Ratio	Lower	Upper
252	100		
253	28.1	23.0	34.6
125	11.5	9.0	13.4

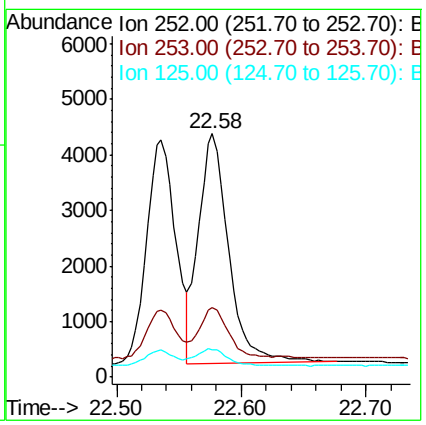


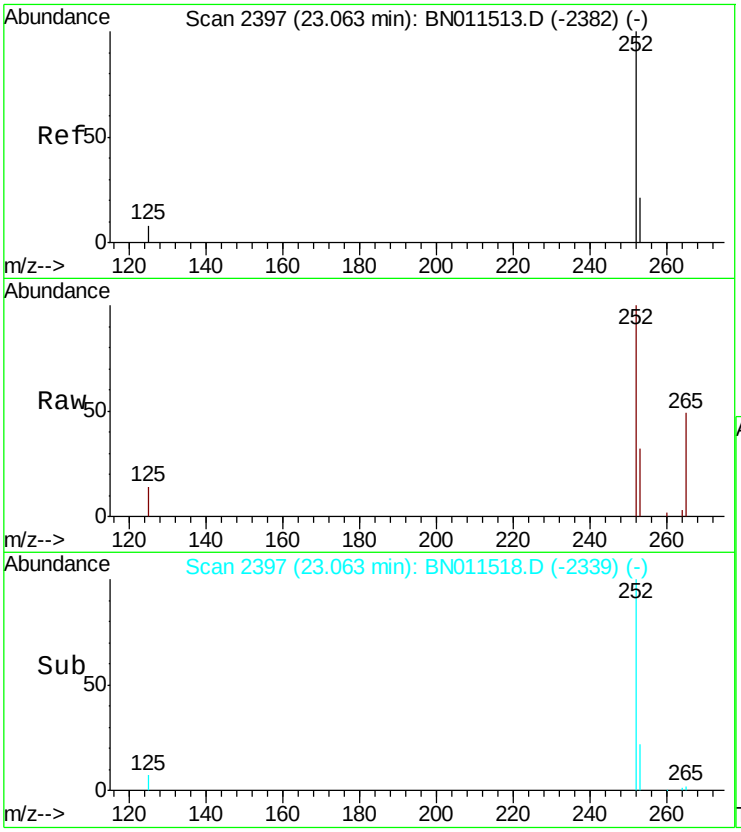


#38
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.58 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:252 Resp: 6918

Ion	Ratio	Lower	Upper
252	100		
253	28.4	23.4	35.0
125	11.2	9.7	14.5



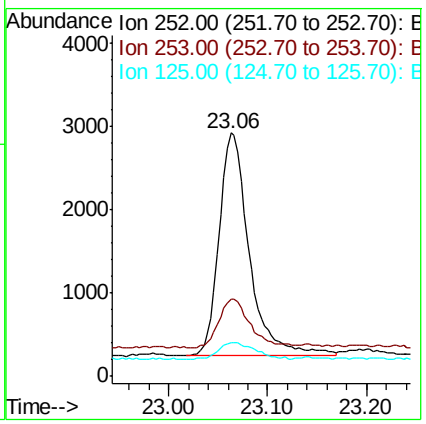


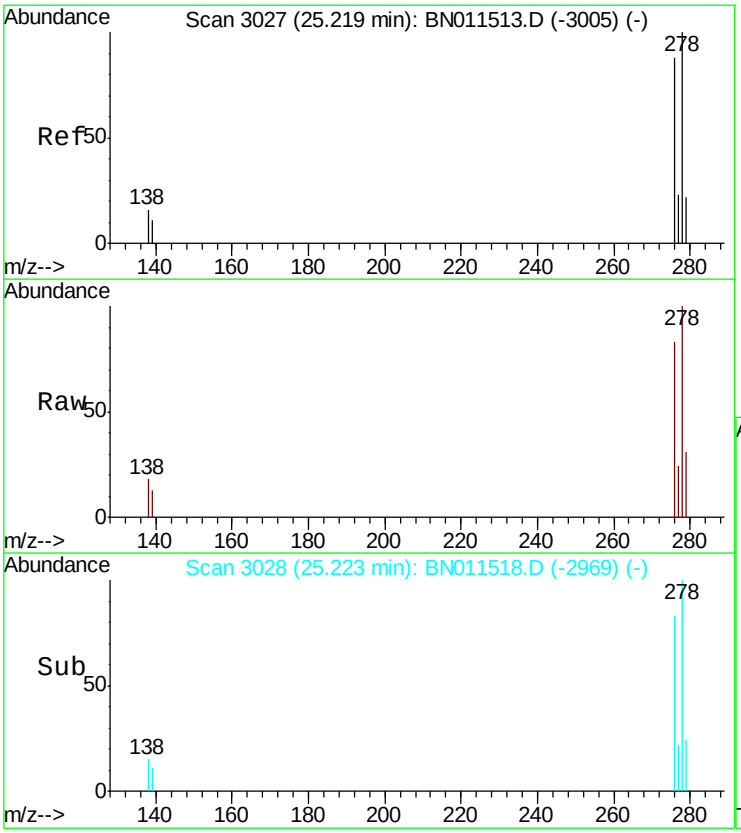
#39
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.06 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:252 Resp: 5694

Ion	Ratio	Lower	Upper
252	100		
253	31.9	25.4	38.0
125	14.0	11.6	17.4

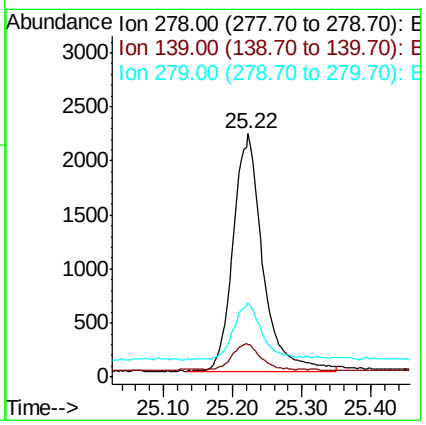


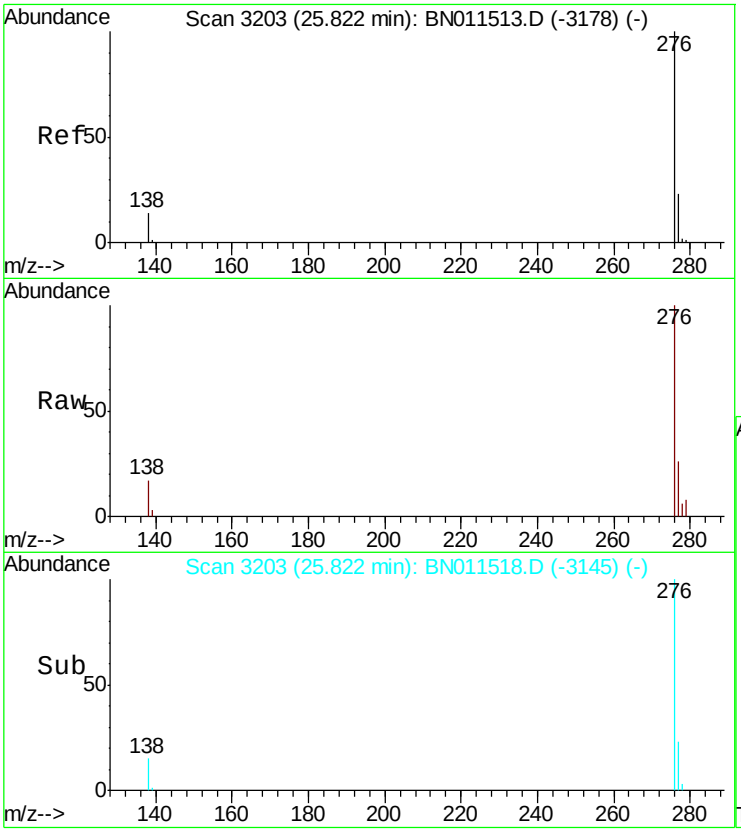


#40
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.22 min Scan# 3028
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Tgt Ion:278 Resp: 6523

Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.1	16.7
279	30.8	23.3	34.9





#41
Benzo(g,h,i)perylene
Concen: 0.331 ng
RT: 25.82 min Scan# 3203
Delta R.T. 0.00 min
Lab File: BN011518.D
Acq: 19 Aug 2020 16:07

Instrument :
BNA_N
ClientSampleId :
ICVBN081920

Tgt Ion:276 Resp: 6373

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.5	30.7
138	17.4	13.2	19.8