Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011148.D
Acq On : 10 Jul 2020 14:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN071120

Quant Time: Jul 10 15:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 14:35:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1758	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5404	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2819	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	5744	0.40	ng		0.00
29) Chrysene-d12	21.10	240	5864	0.40	ng		0.00
36) Perylene-d12	23.25	264	5282	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	1642	0.38	ng		0.00
5) Phenol-d6	6.72	99	1926	0.39	ng		0.00
8) Nitrobenzene-d5	8.66	82	1935	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.85	152	3864	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	499	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	5374	0.41	ng		0.00
27) Fluoranthene-d10	18.93	212	6993	0.39	ng		0.00
31) Terphenyl-d14	19.55	244	5833	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1019	0.405	ng		95
3) n-Nitrosodimethylamine	3.57	42	470	0.372	ng	#	95
6) bis(2-Chloroethyl)ether	6.96	93	1635	0.364	ng		98
9) Naphthalene	10.30	128	6486	0.403	ng		100
10) Hexachlorobutadiene	10.60	225	1690	0.424	ng	#	99
12) 2-Methylnaphthalene	11.93	142	4391	0.434	ng		97
16) Acenaphthylene	13.84	152	5654	0.394	ng		99
17) Acenaphthene	14.20	154	3870	0.405	ng		99
18) Fluorene	15.19	166	4874	0.397	ng		98
20) 4,6-Dinitro-2-methylphenol	15.31	198	270	0.385	ng		97
21) 4-Bromophenyl-phenylether	16.10	248	1516	0.388	ng		98
22) Hexachlorobenzene	16.19	284	1836	0.404	ng		99
23) Atrazine	16.39	200	1084	0.396	ng		98
24) Pentachlorophenol	16.56	266	469	0.348	ng		93
25) Phenanthrene	16.92	178	7327	0.397	ng		100
26) Anthracene	17.02	178	6002	0.392	ng		99
28) Fluoranthene	18.96	202	8426	0.381	ng		100
30) Pyrene	19.32	202	8439	0.377	ng		99
32) Benzo(a)anthracene	21.09	228	7426	0.391	ng		98
33) Chrysene	21.14	228	10167	0.438	ng		99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3266	0.417	ng		99
35) Indeno(1,2,3-cd)pyrene	25.34	276	10217	0.426	ng		99
37) Benzo(b)fluoranthene	22.61	252	7874	0.371	ng		99
38) Benzo(k)fluoranthene	22.66	252	10169	0.424	ng		98
39) Benzo(a)pyrene	23.15	252	7650	0.400	ng		99
40) Dibenzo(a,h)anthracene	25.36	278	8228	0.406	ng		98
41) Benzo(g,h,i)perylene	25.97	276	8553	0.385	ng		100

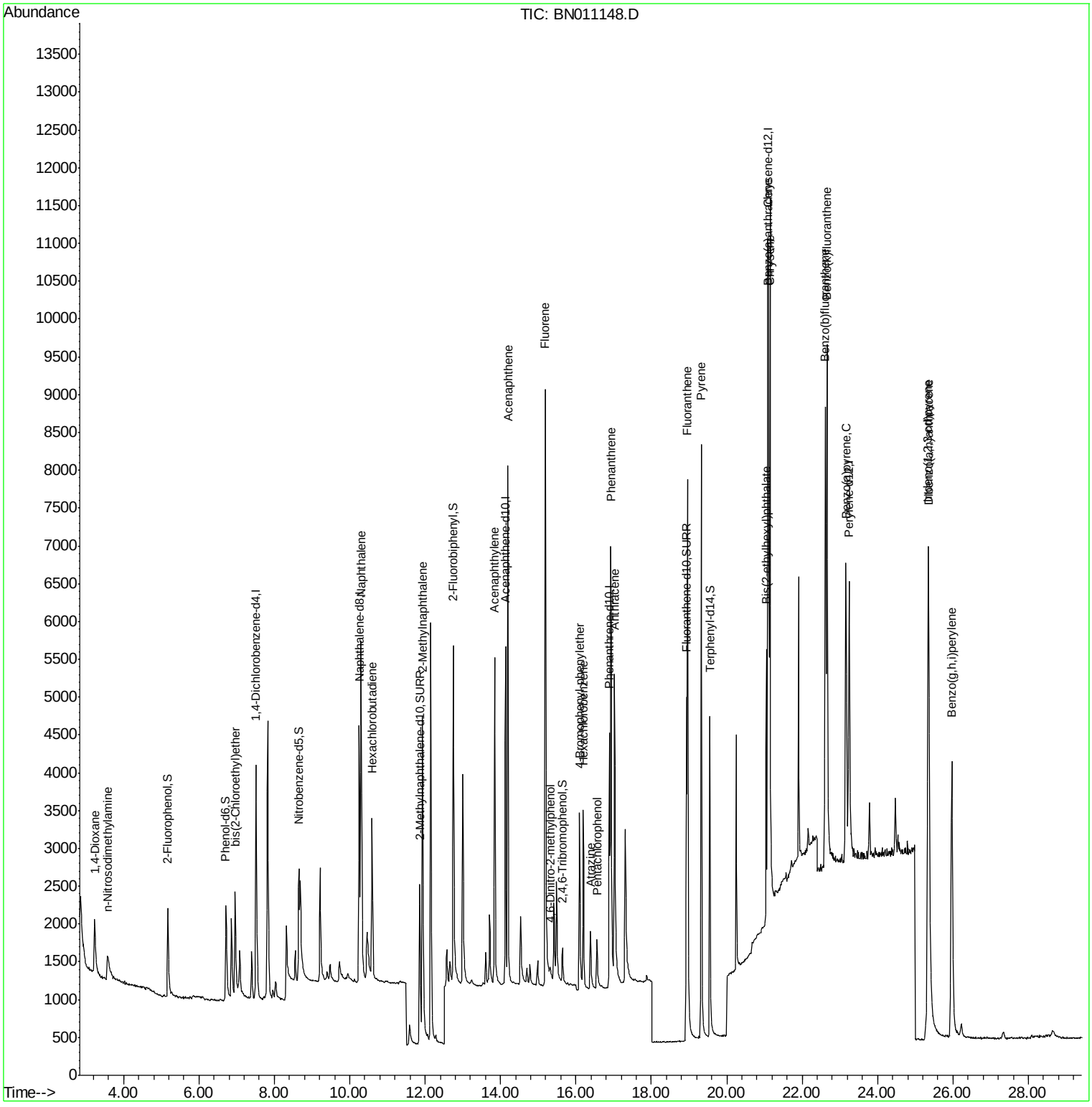
(#) = qualifier out of range (m) = manual integration (+) = signals summed

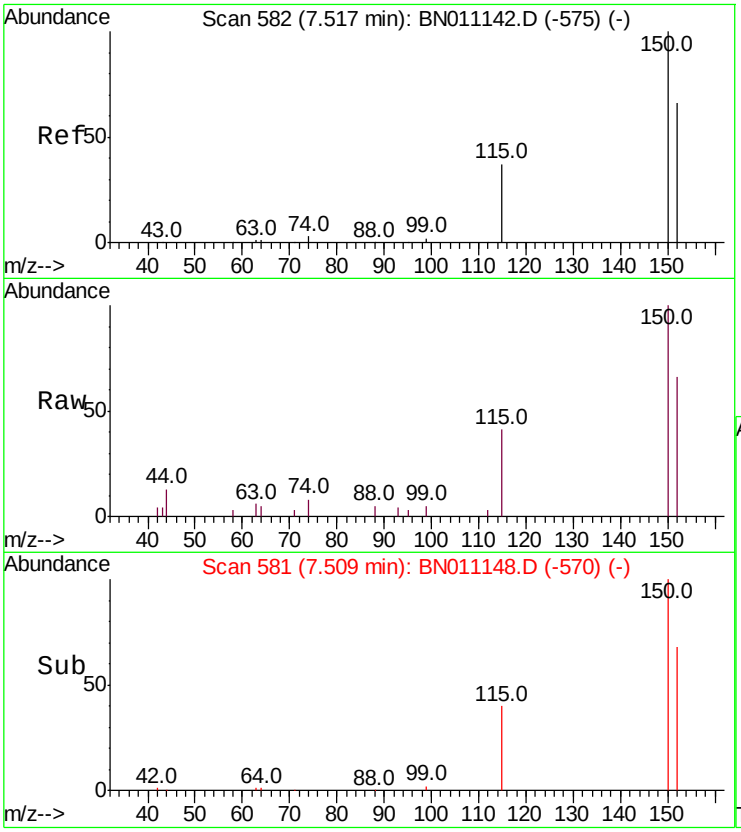
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011148.D
Acq On : 10 Jul 2020 14:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Quant Time: Jul 10 15:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 14:35:44 2020
Response via : Initial Calibration



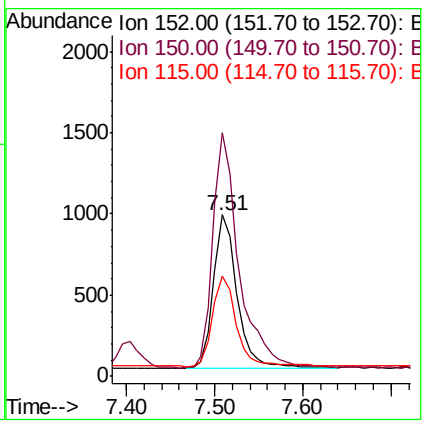


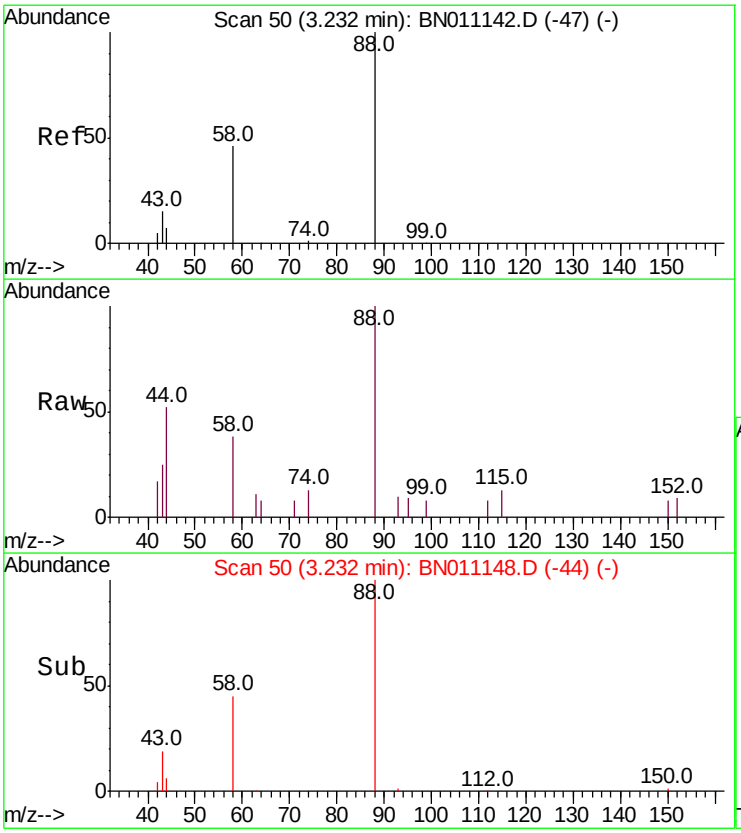
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:152 Resp: 1758

Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.4	179.0
115	62.1	48.3	72.5

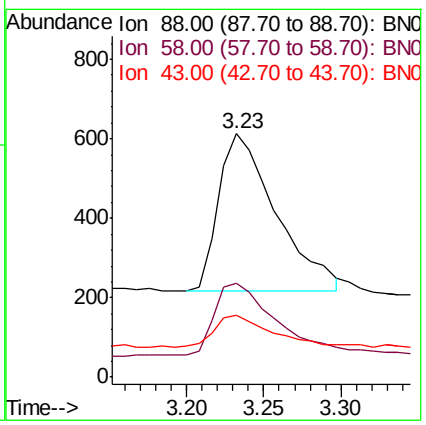


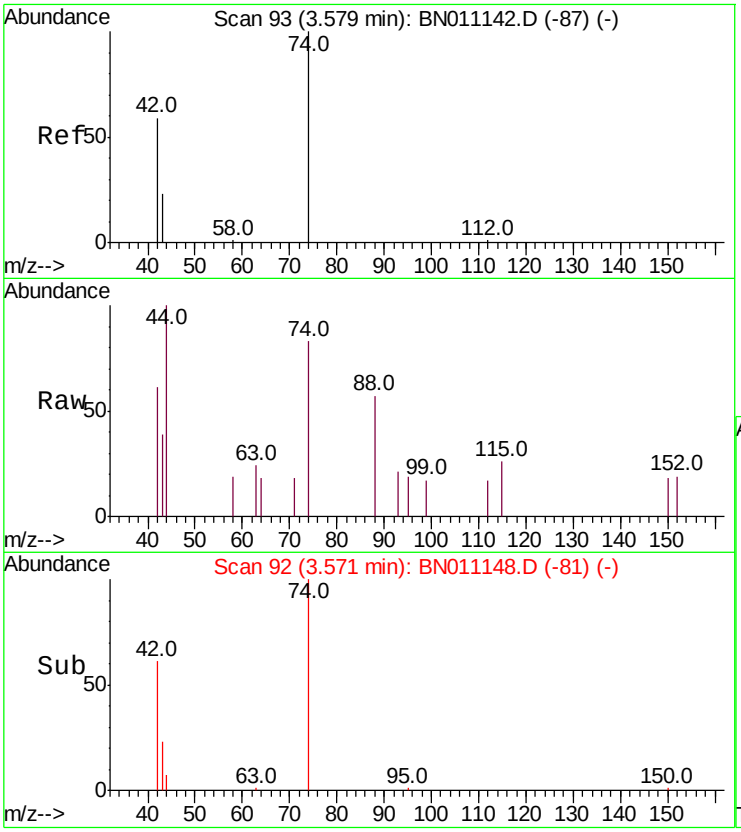


#2
1,4-Dioxane
Concen: 0.405 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion: 88 Resp: 1019

Ion	Ratio	Lower	Upper
88	100		
58	48.1	36.5	54.7
43	20.7	14.3	21.5



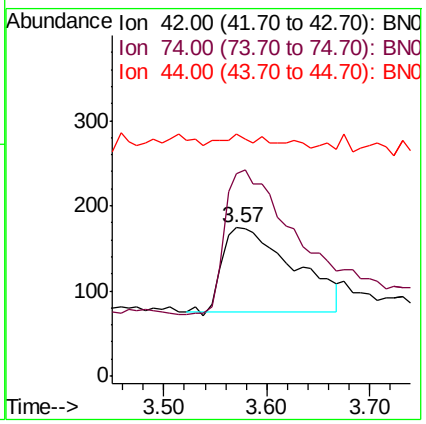


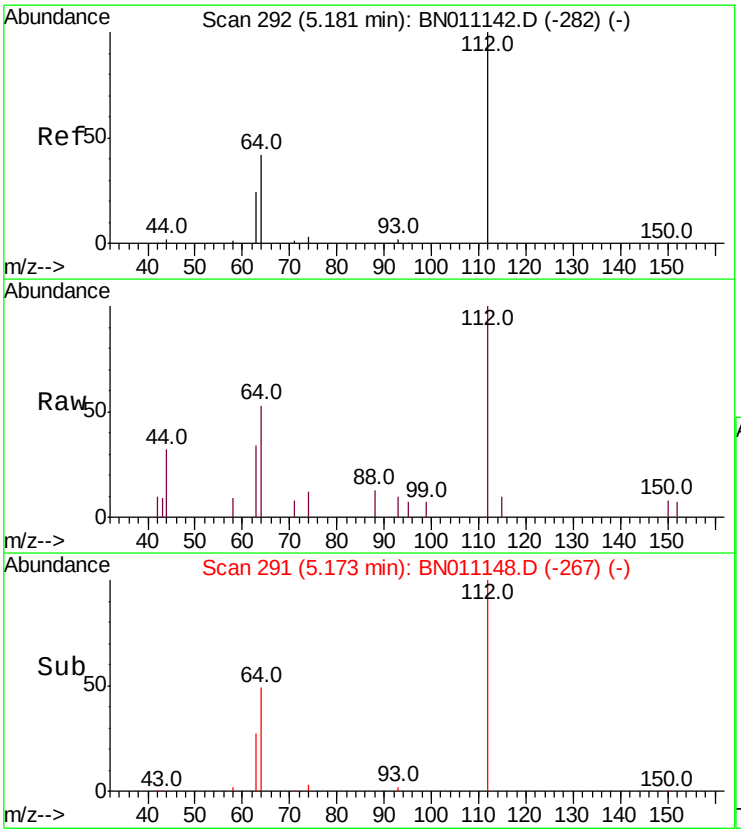
#3
n-Nitrosodimethylamine
Concen: 0.372 ng
RT: 3.57 min Scan# 92
Delta R.T. -0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion: 42 Resp: 470

Ion	Ratio	Lower	Upper
42	100		
74	170.2	140.9	211.3
44	2.3	7.6	11.4#

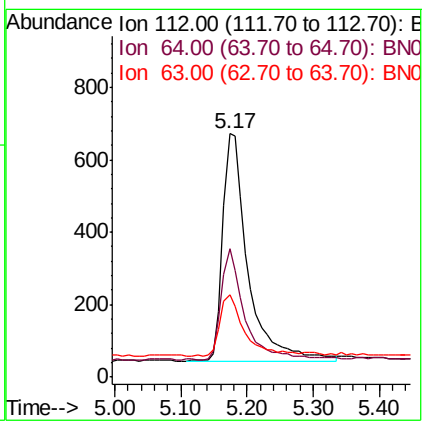


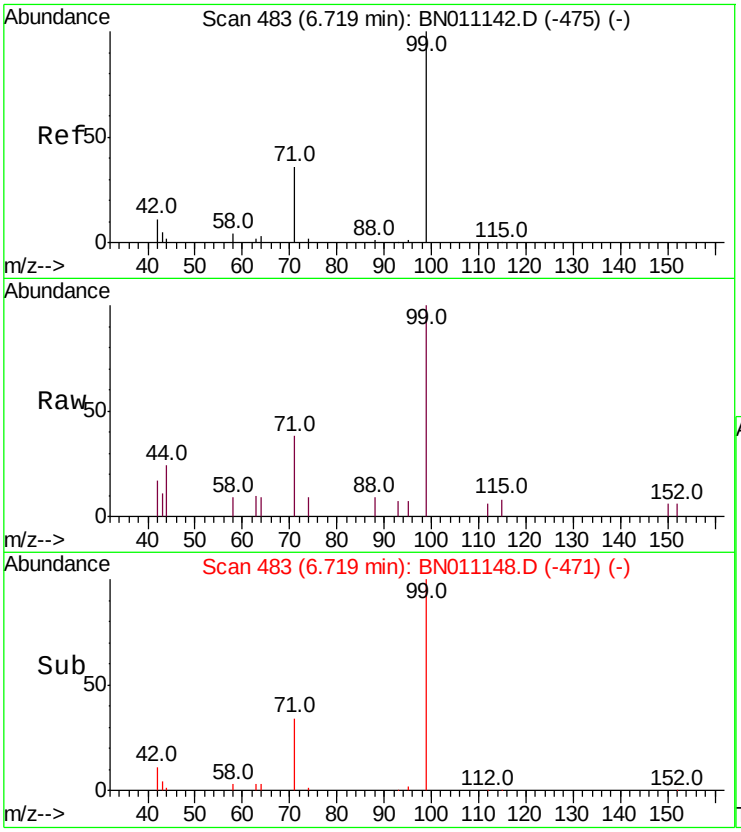


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.17 min Scan# 291
Delta R.T. -0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:112 Resp: 1642

Ion	Ratio	Lower	Upper
112	100		
64	45.9	36.7	55.1
63	26.5	20.4	30.6



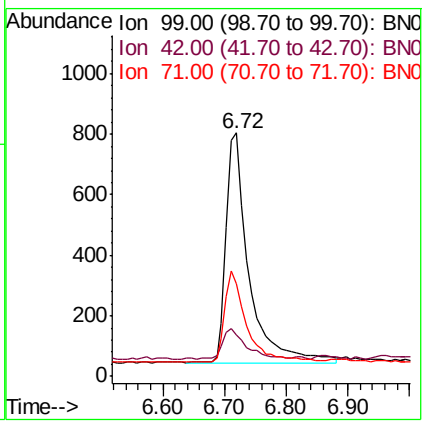


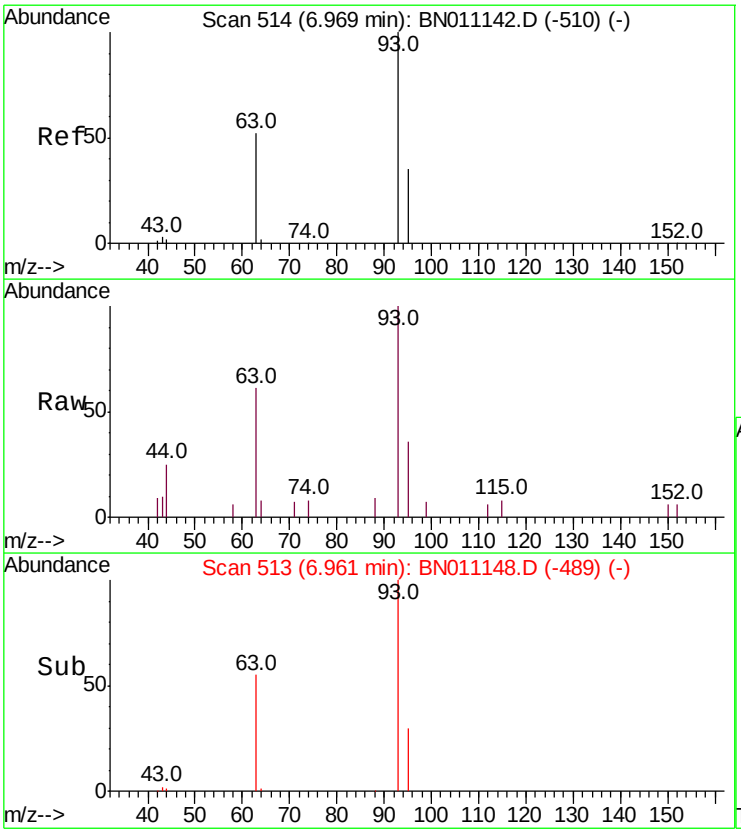
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.72 min Scan# 483
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion: 99 Resp: 1926

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.8	16.2
71	38.9	31.3	46.9

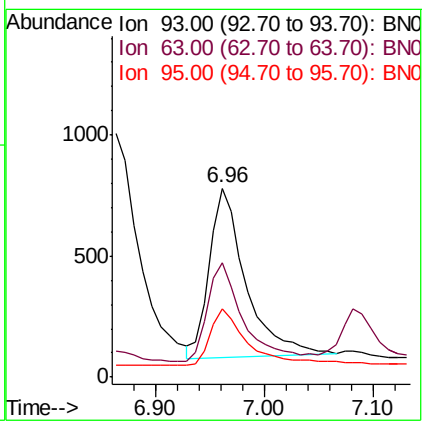


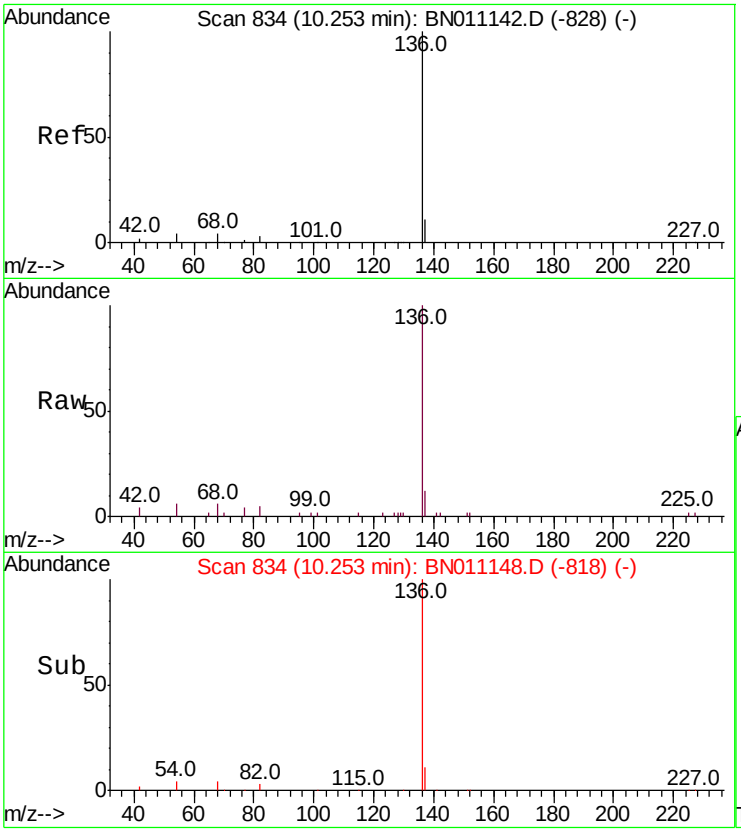


#6
bis(2-Chloroethyl)ether
Concen: 0.364 ng
RT: 6.96 min Scan# 513
Delta R.T. -0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion: 93 Resp: 1635

Ion	Ratio	Lower	Upper
93	100		
63	58.7	47.4	71.0
95	37.0	28.1	42.1



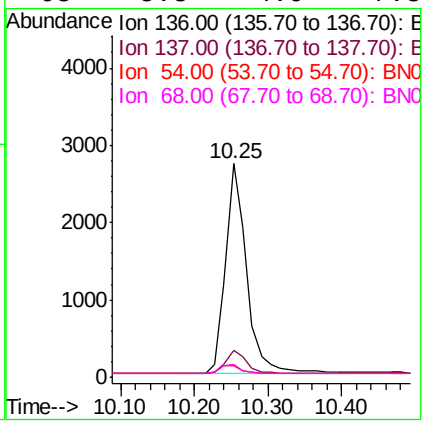


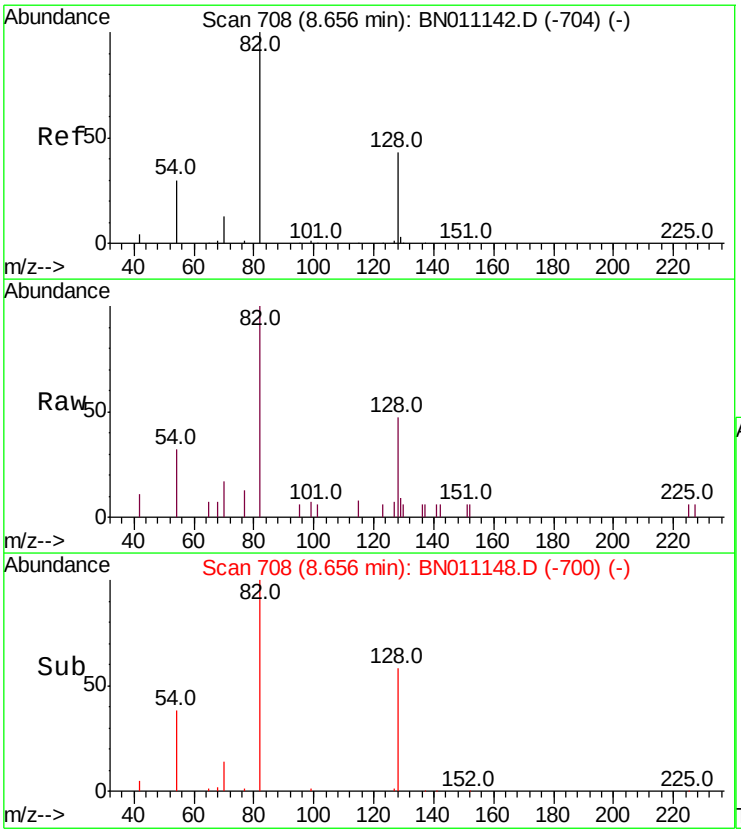
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.25 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:136 Resp: 5404

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.3	15.5
54	5.6	4.9	7.3
68	5.8	4.9	7.3

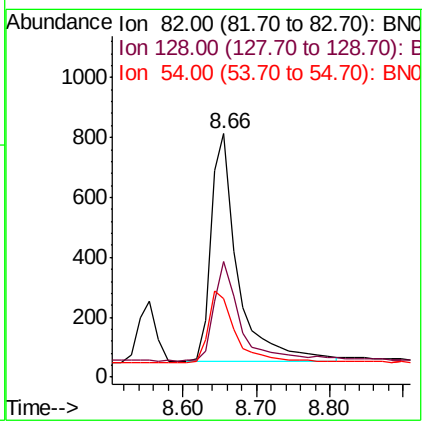


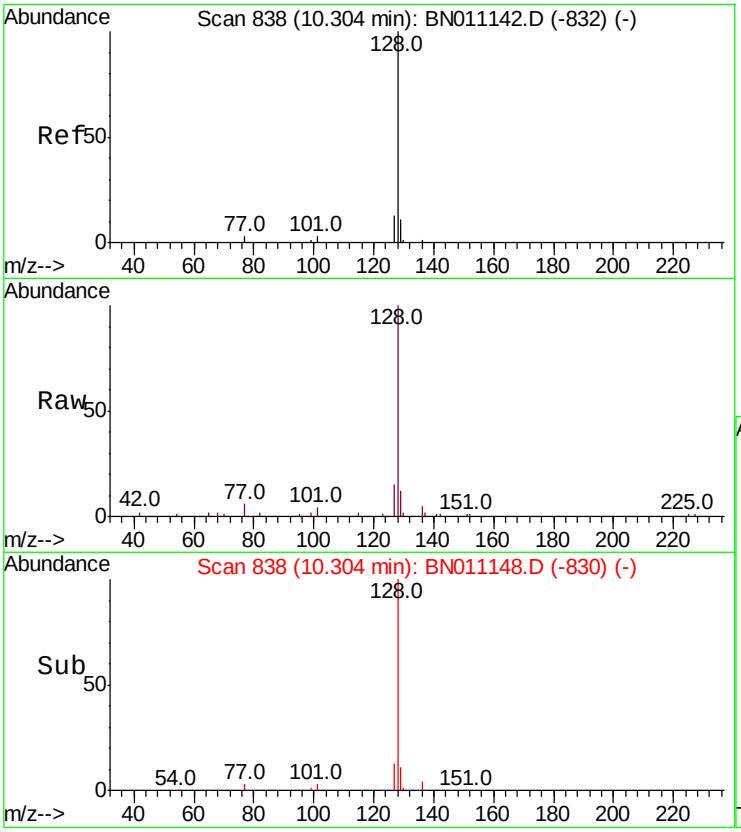


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion: 82 Resp: 1935

Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.1	57.1
54	32.3	27.1	40.7



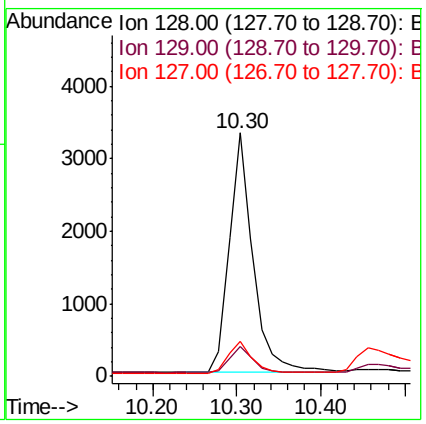


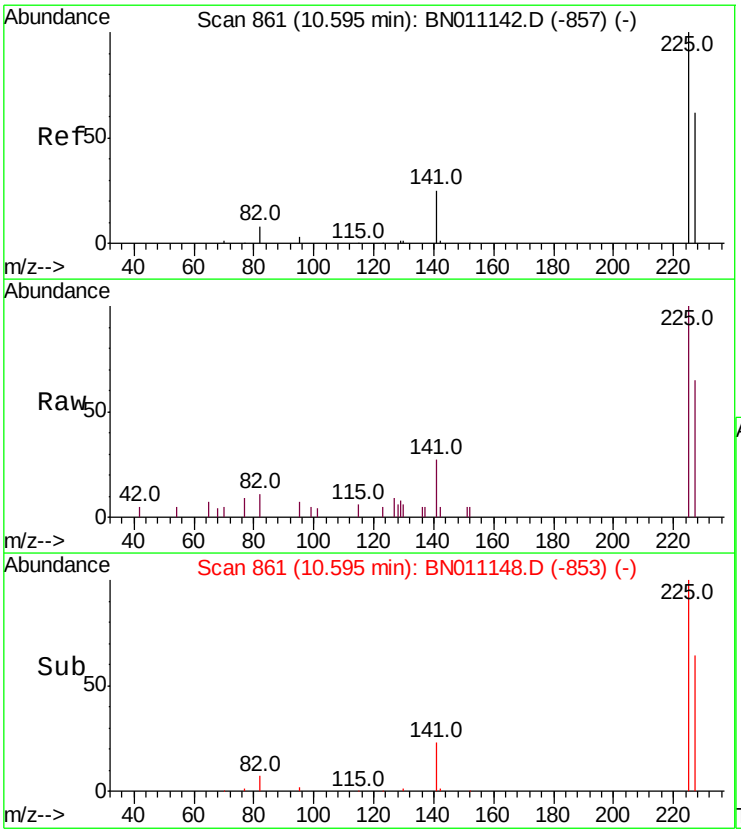
#9
Naphthalene
Concen: 0.403 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:128 Resp: 6486

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	14.6	11.8	17.6

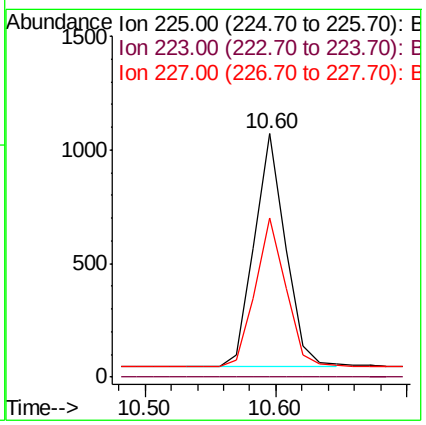


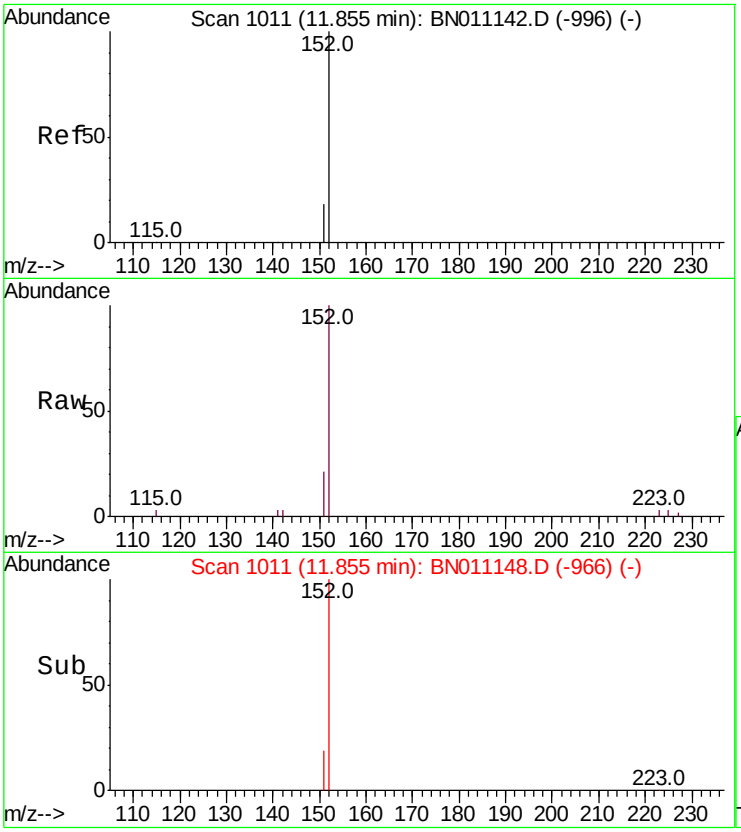


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.60 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:225 Resp: 1690

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.2	76.8



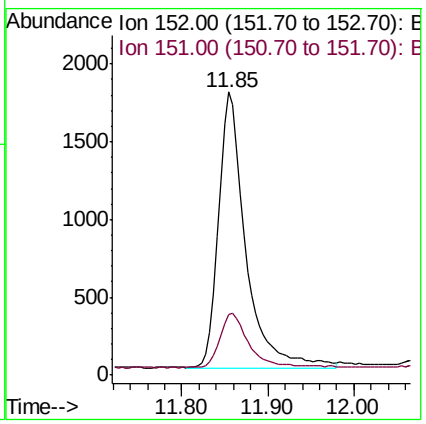


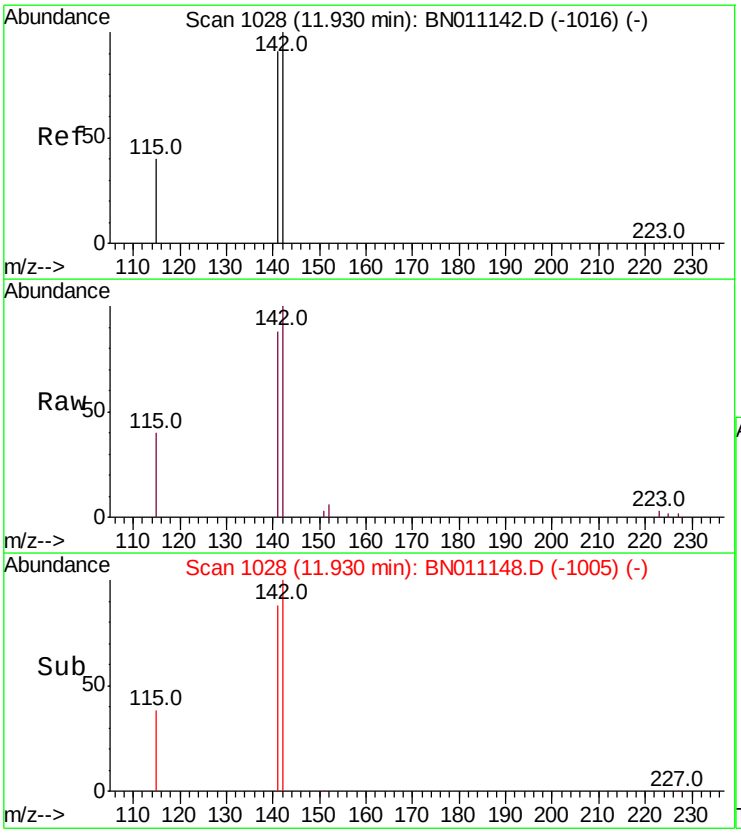
#11
2-Methylnaphthalene-d10
Concen: 0.441 ng
RT: 11.85 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:152 Resp: 3864

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7

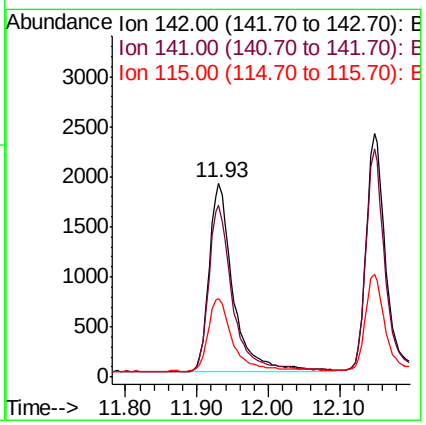


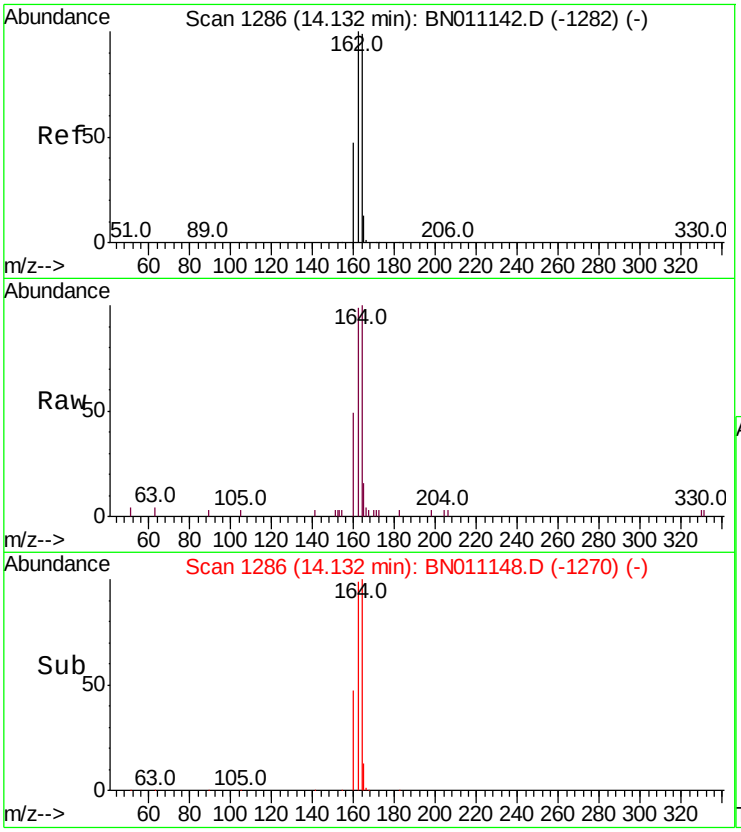


#12
2-Methylnaphthalene
Concen: 0.434 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:142 Resp: 4391

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.7	109.1
115	40.2	33.8	50.6



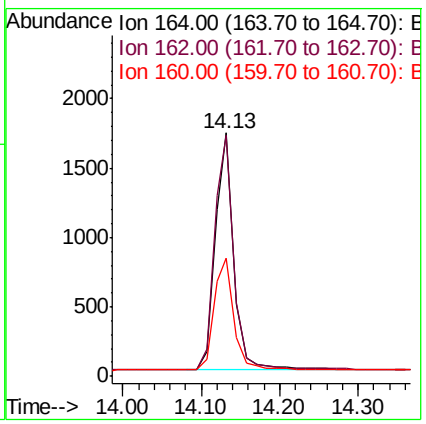


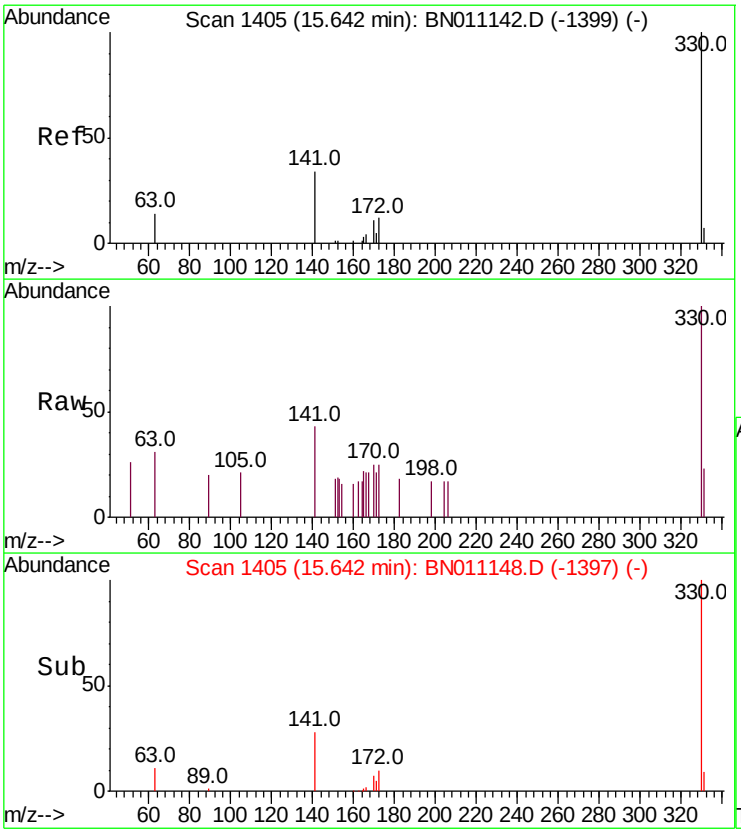
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:164 Resp: 2819

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.0	121.4
160	48.6	39.0	58.6

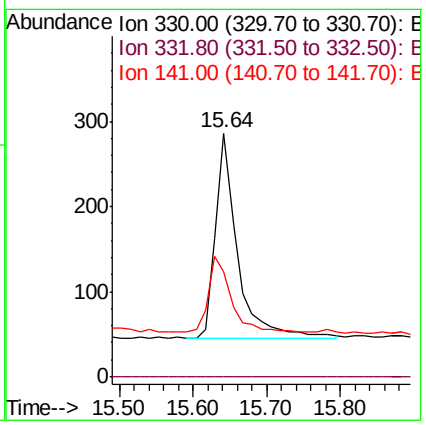


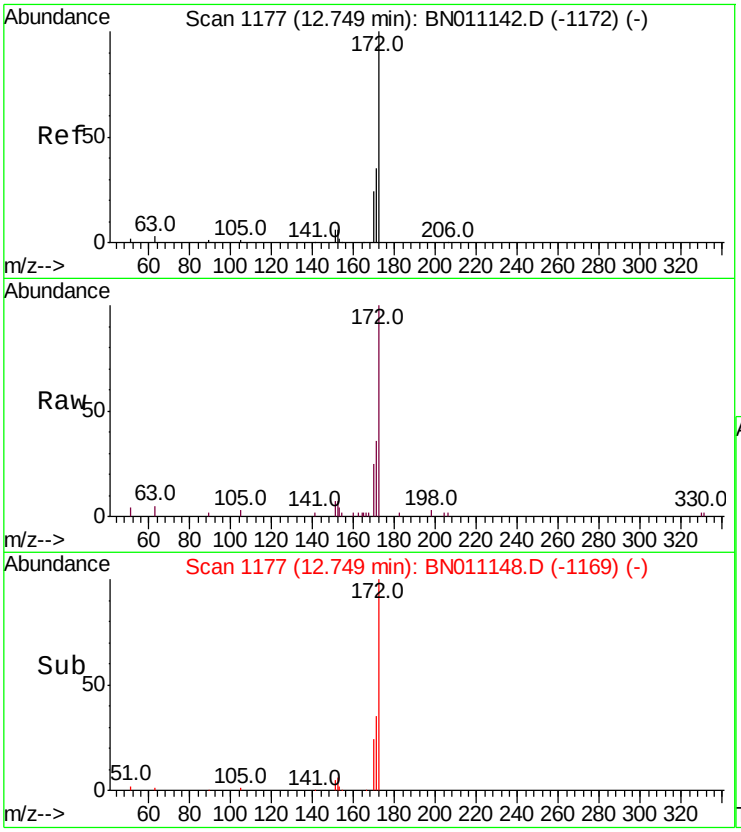


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.64 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:330 Resp: 499

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.5	31.5	47.3



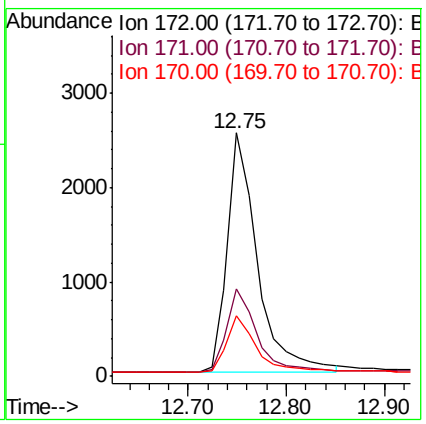


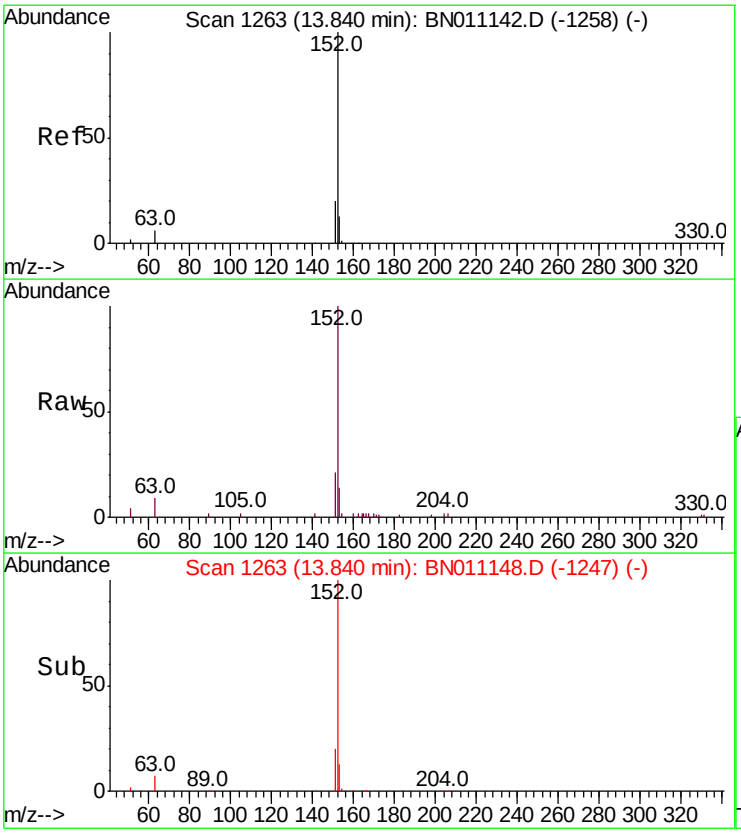
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:172 Resp: 5374

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	25.1	20.3	30.5

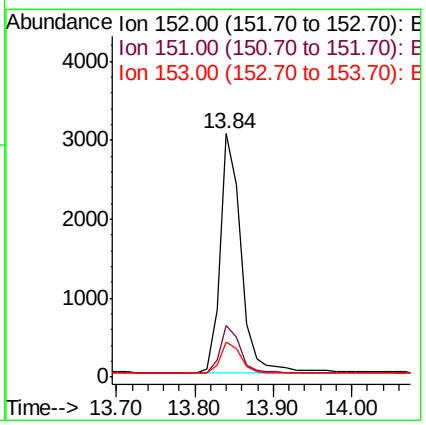


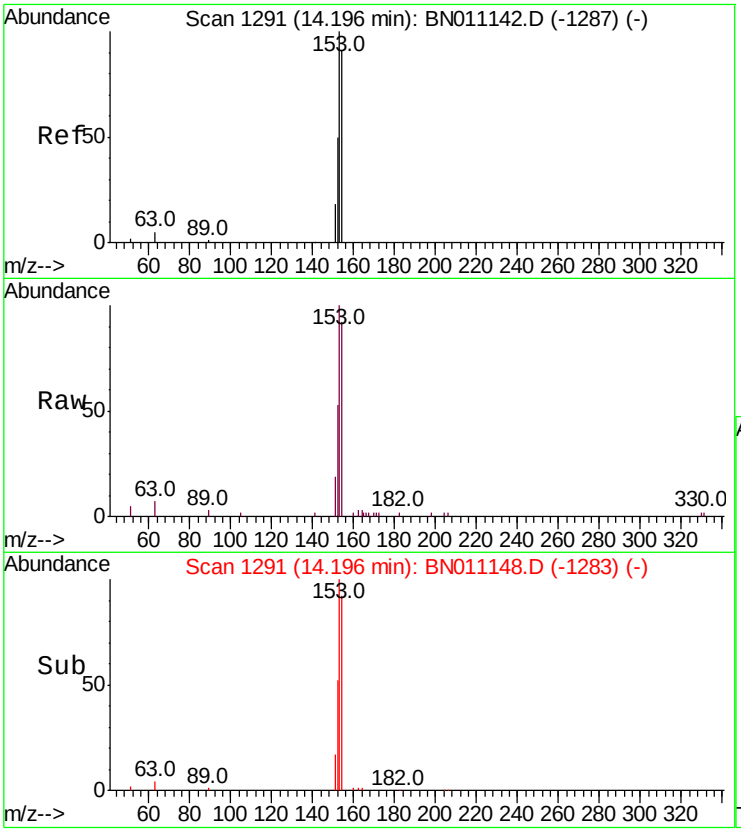


#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:152 Resp: 5654

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.5	10.6	15.8



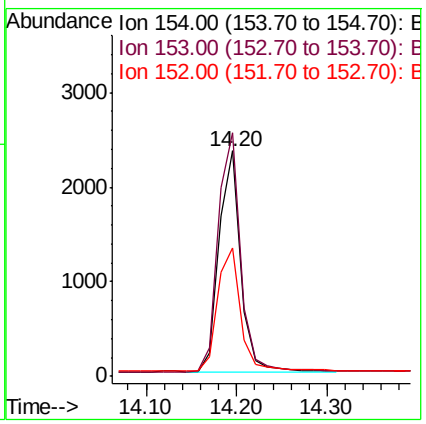


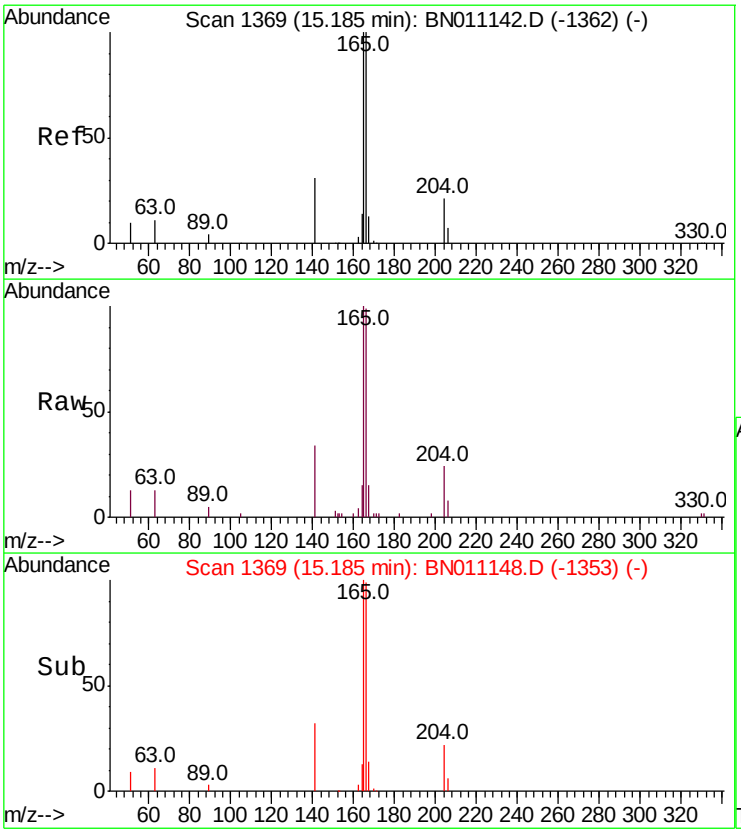
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.20 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:154 Resp: 3870

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.3	136.9
152	59.6	46.6	69.8

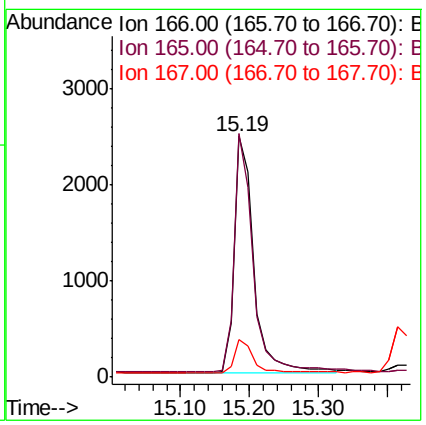


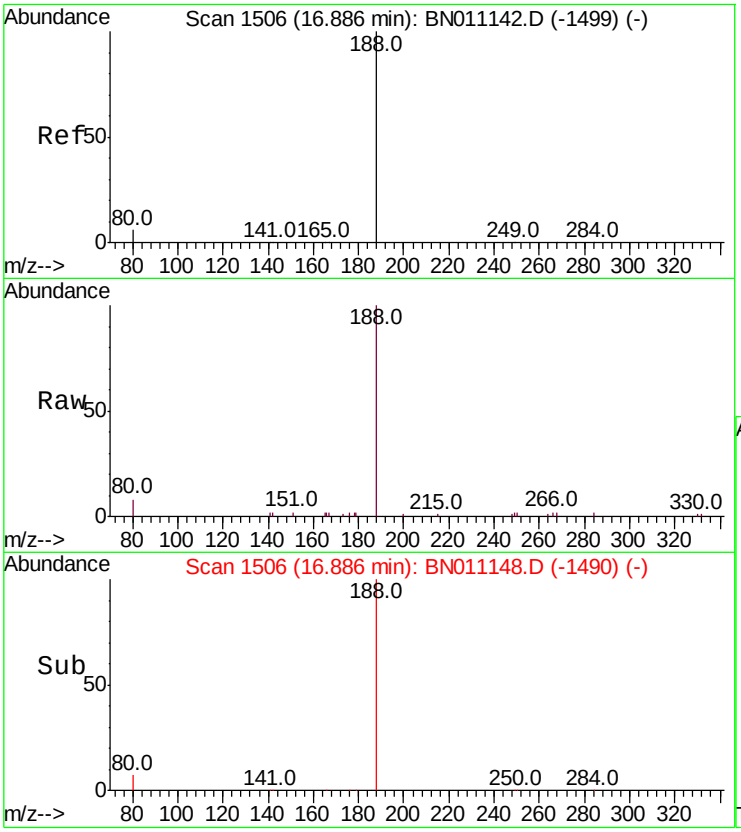


#18
Fluorene
Concen: 0.397 ng
RT: 15.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:166 Resp: 4874

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.1	118.7
167	13.8	10.5	15.7



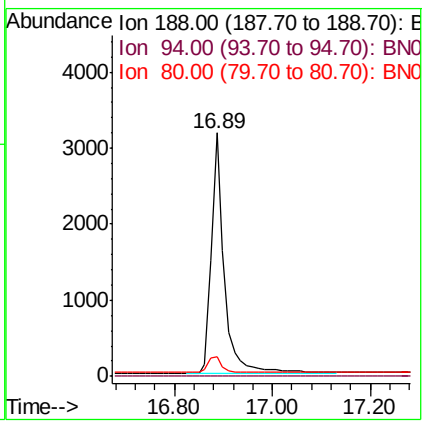


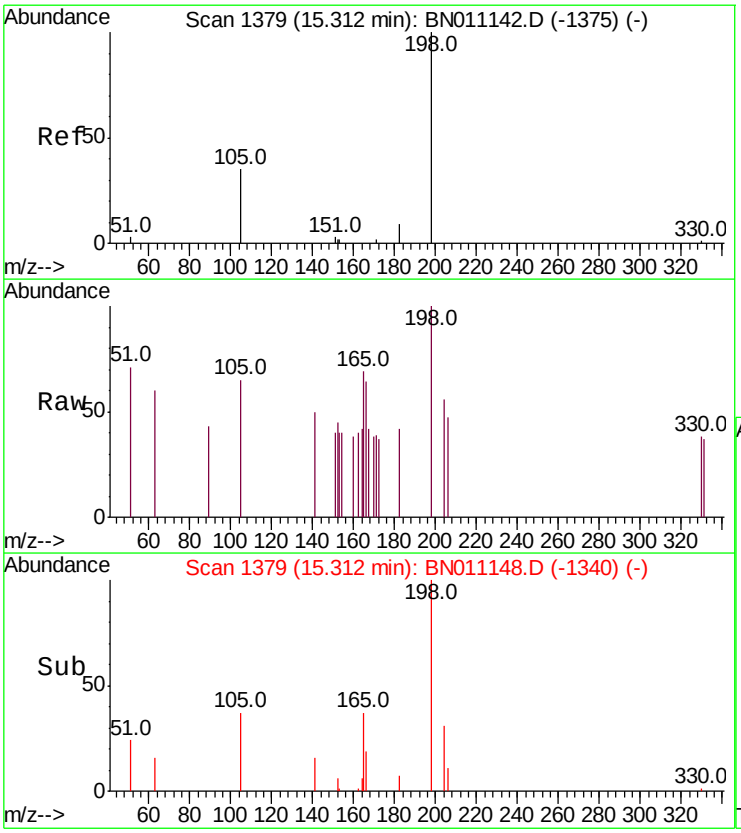
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:188 Resp: 5744

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.3	9.5

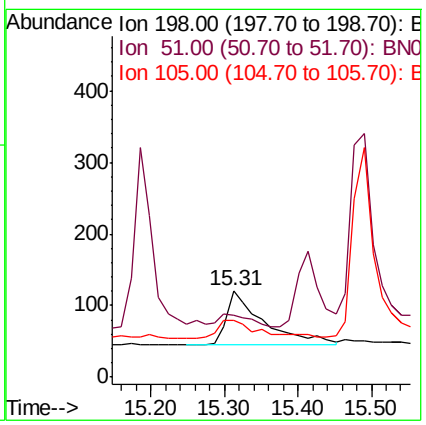


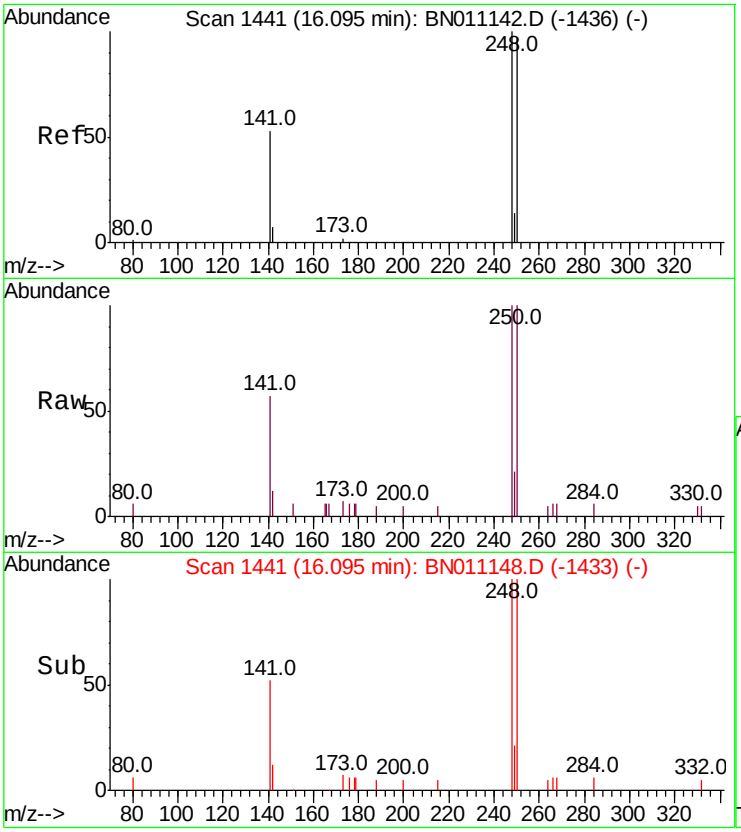


#20
4,6-Dinitro-2-methylphenol
Concen: 0.385 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:198 Resp: 270

Ion	Ratio	Lower	Upper
198	100		
51	71.1	53.1	79.7
105	65.3	51.9	77.9



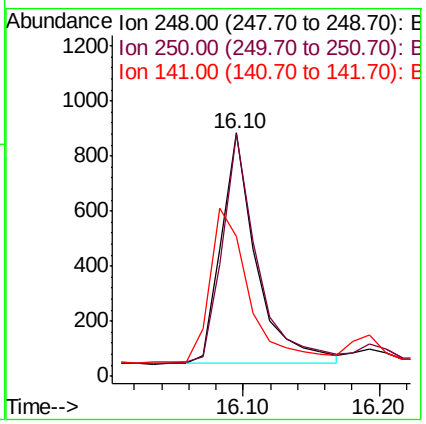


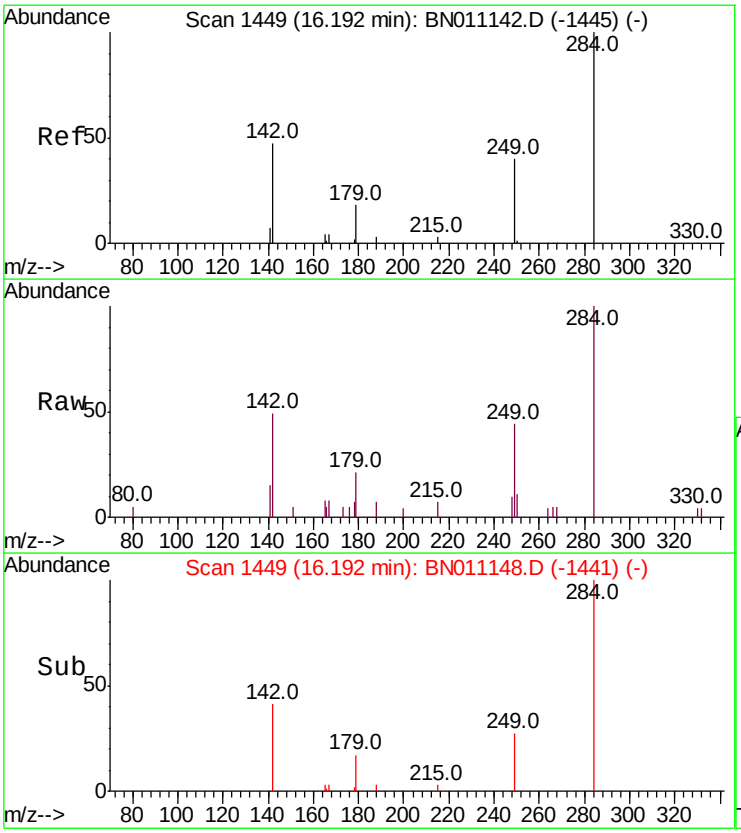
#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:248 Resp: 1516

Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.4	117.6
141	57.5	45.1	67.7

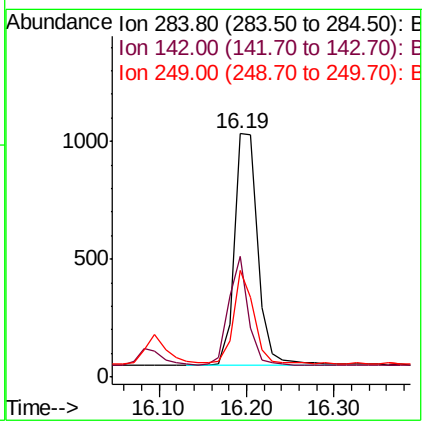


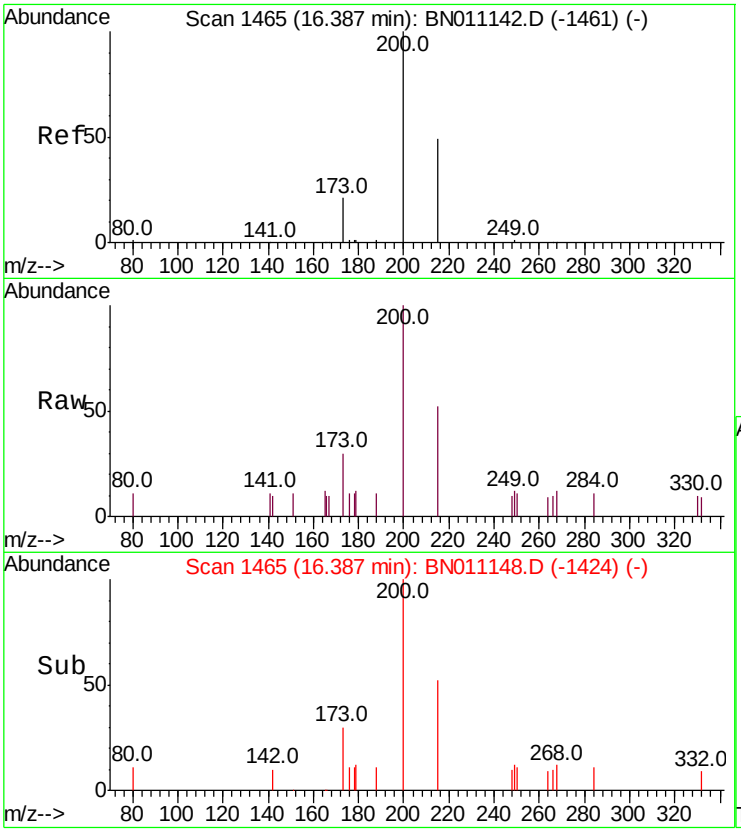


#22
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:284 Resp: 1836

Ion	Ratio	Lower	Upper
284	100		
142	39.9	32.6	48.8
249	34.6	28.4	42.6



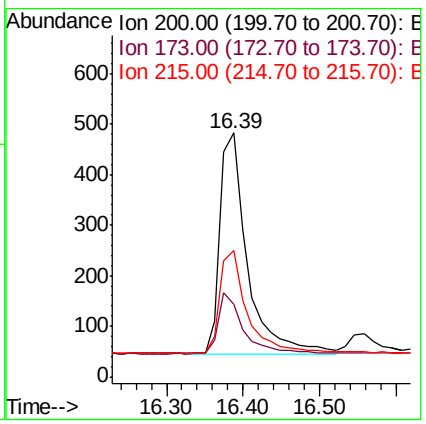


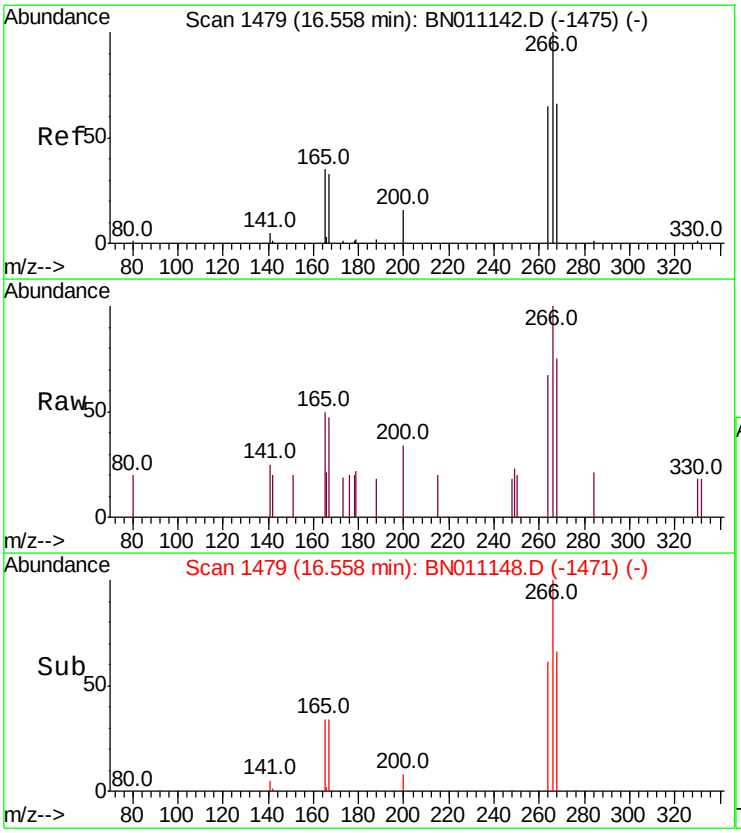
#23
Atrazine
Concen: 0.396 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:200 Resp: 1084

Ion	Ratio	Lower	Upper
200	100		
173	29.8	23.0	34.4
215	51.8	42.6	63.8

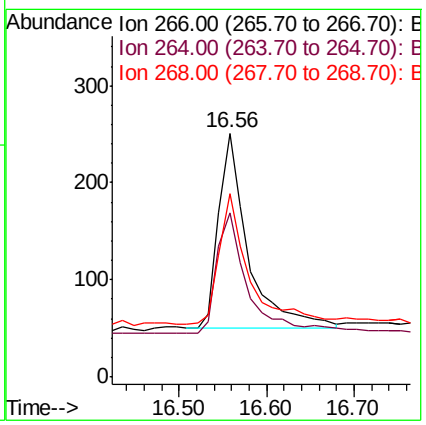


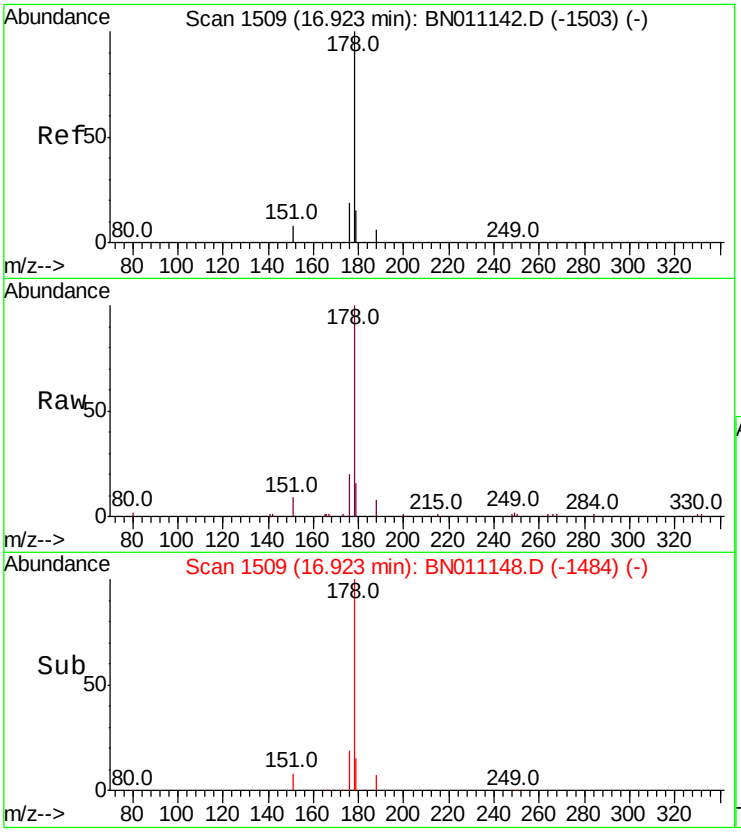


#24
Pentachlorophenol
Concen: 0.348 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:266 Resp: 469

Ion	Ratio	Lower	Upper
266	100		
264	68.9	52.5	78.7
268	68.2	48.9	73.3



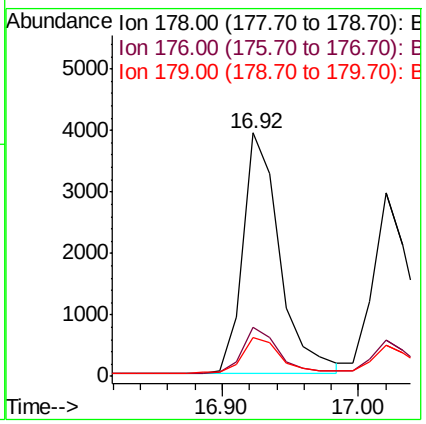


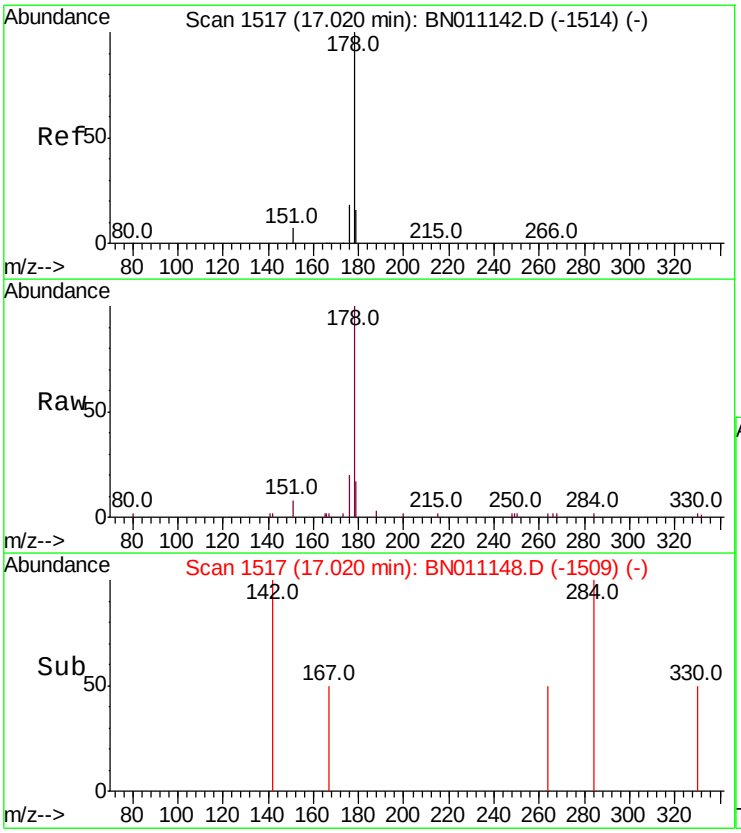
#25
Phenanthrene
Concen: 0.397 ng
RT: 16.92 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:178 Resp: 7327

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.6	18.8

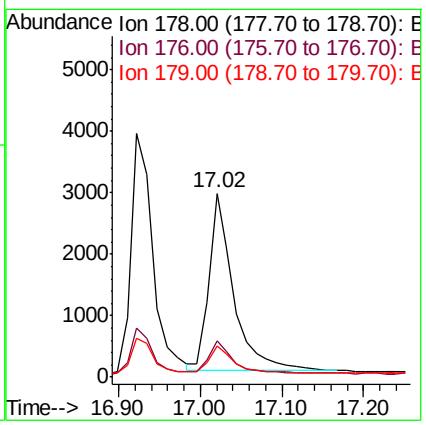


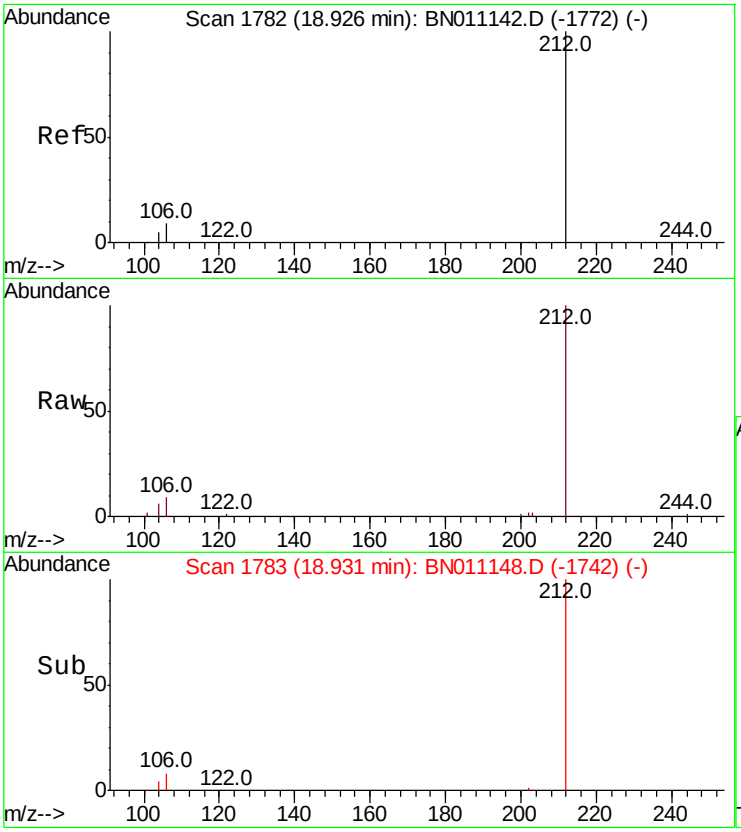


#26
Anthracene
Concen: 0.392 ng
RT: 17.02 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:178 Resp: 6002

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.5	21.7
179	15.1	12.0	18.0



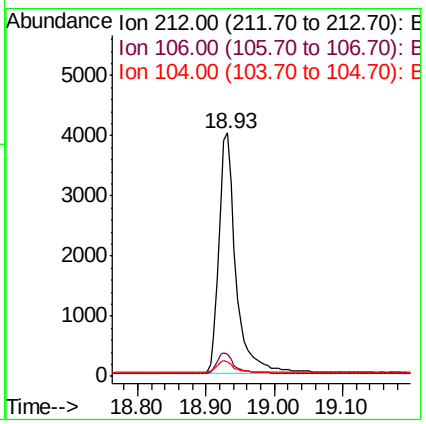


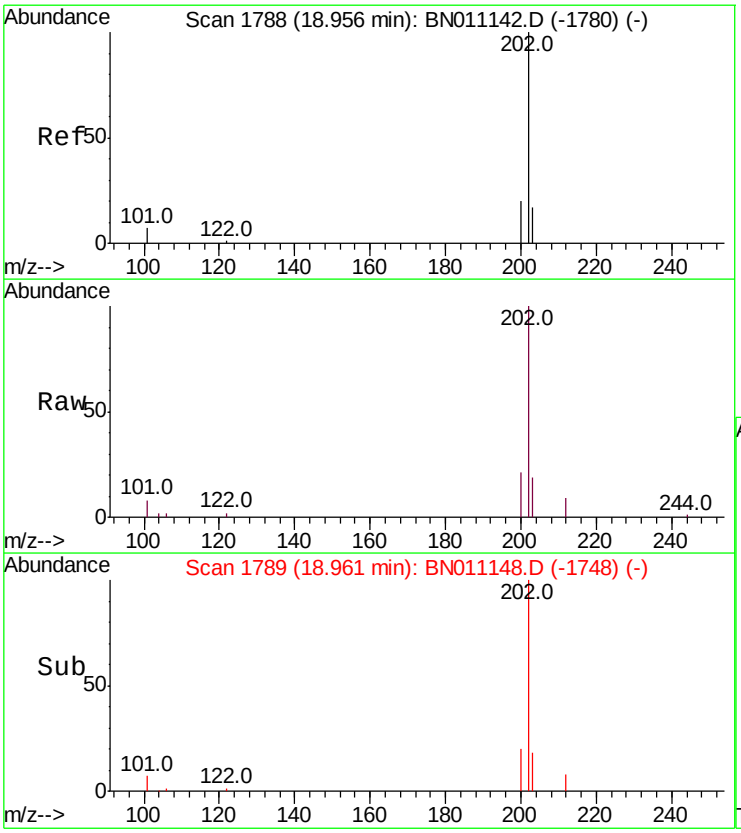
#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 18.93 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:212 Resp: 6993

Ion	Ratio	Lower	Upper
212	100		
106	8.6	7.0	10.6
104	5.1	4.2	6.4

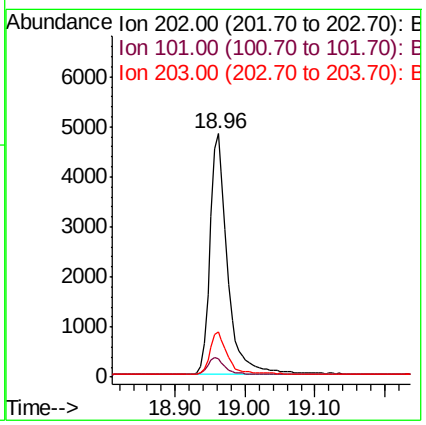


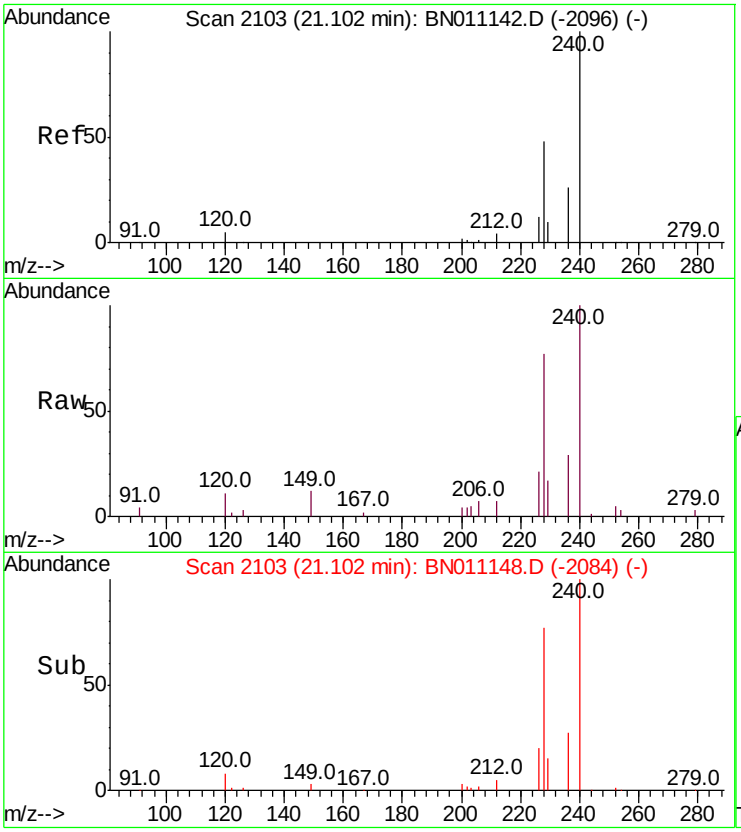


#28
Fluoranthene
Concen: 0.381 ng
RT: 18.96 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:202 Resp: 8426

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.9	8.9
203	17.2	13.6	20.4



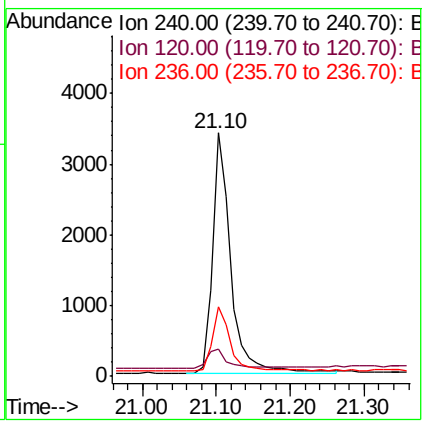


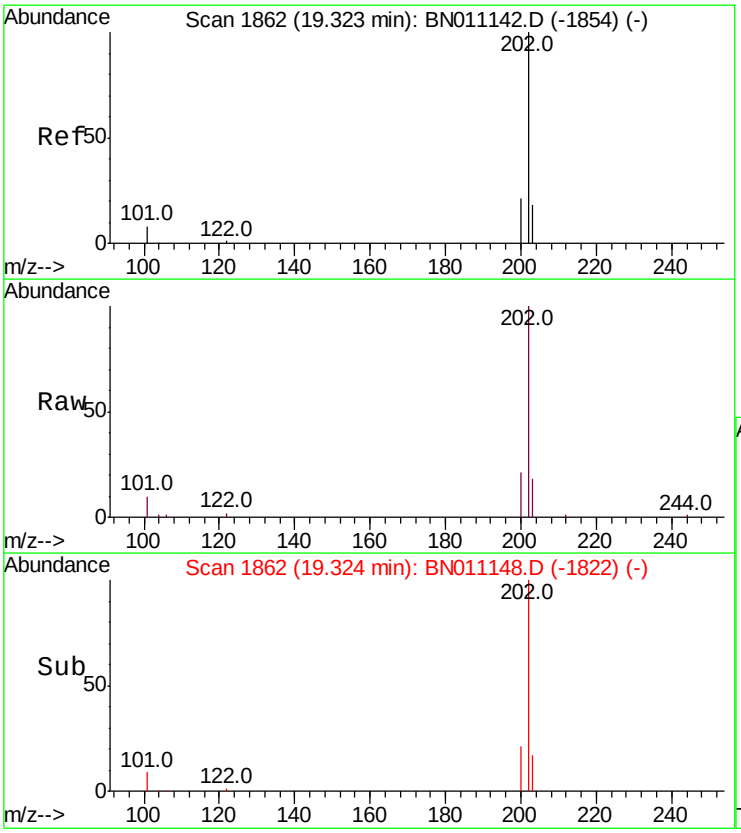
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:240 Resp: 5864

Ion	Ratio	Lower	Upper
240	100		
120	11.1	6.5	9.7#
236	28.6	21.9	32.9

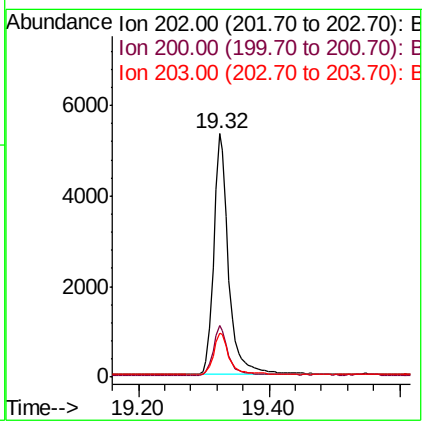


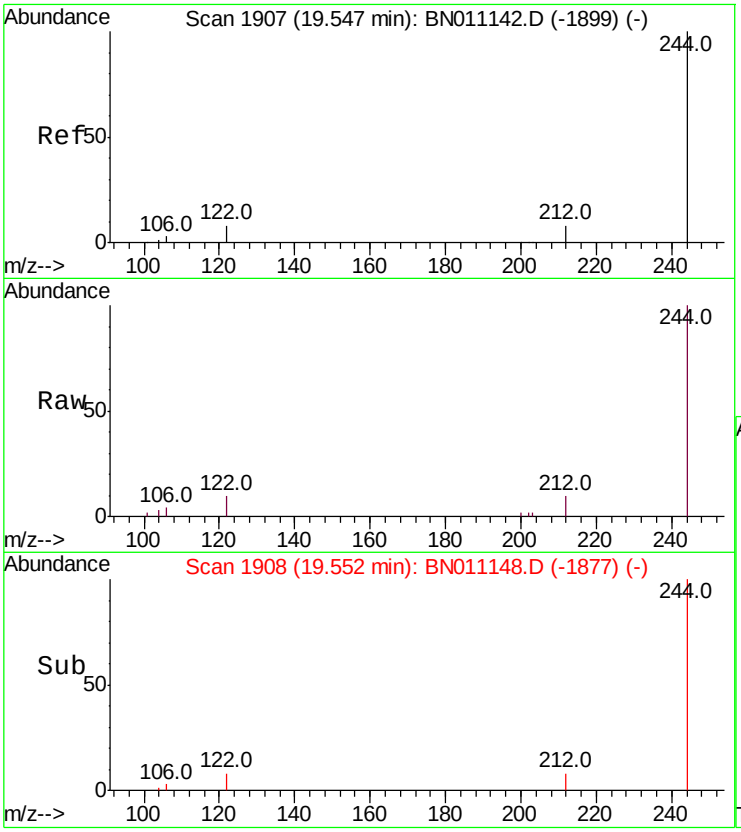


#30
Pyrene
Concen: 0.377 ng
RT: 19.32 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:202 Resp: 8439

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.5	24.7
203	17.5	14.2	21.4



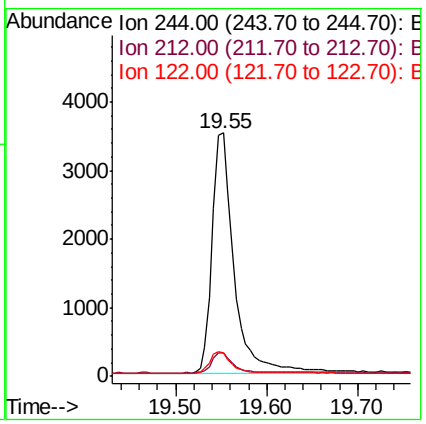


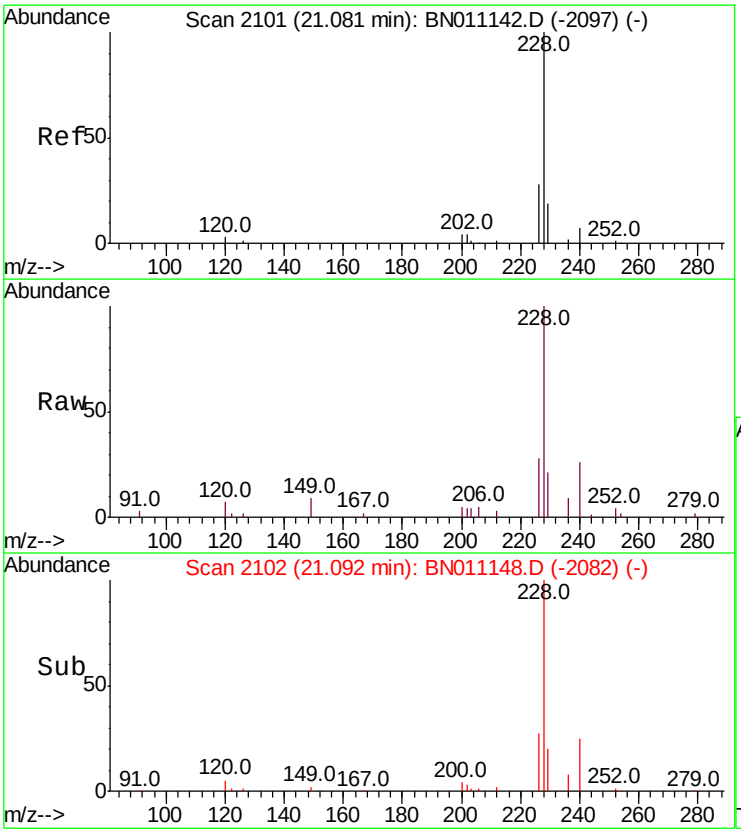
#31
Terphenyl-d14
Concen: 0.382 ng
RT: 19.55 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:244 Resp: 5833

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	9.6	7.4	11.0

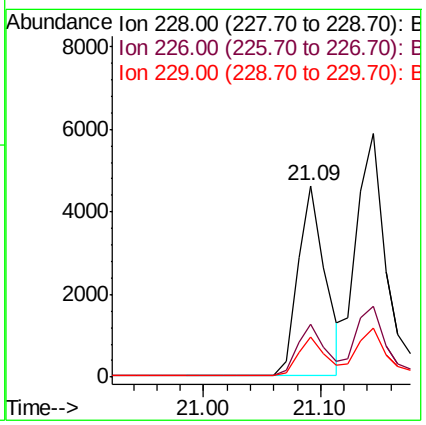


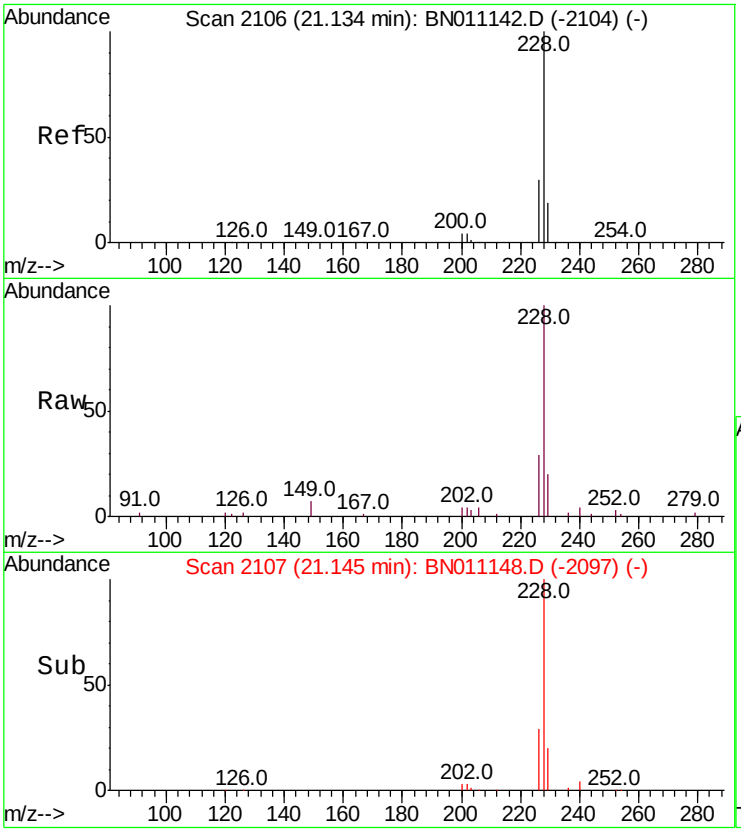


#32
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.09 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:228 Resp: 7426

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.2	34.8
229	20.9	16.2	24.4



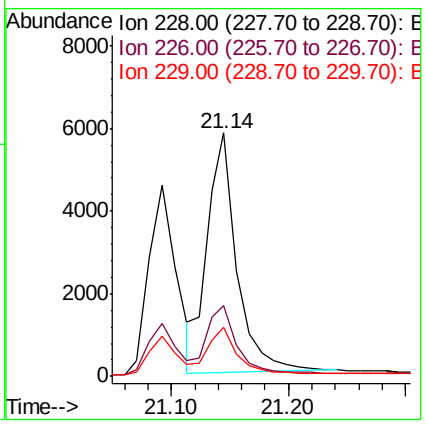


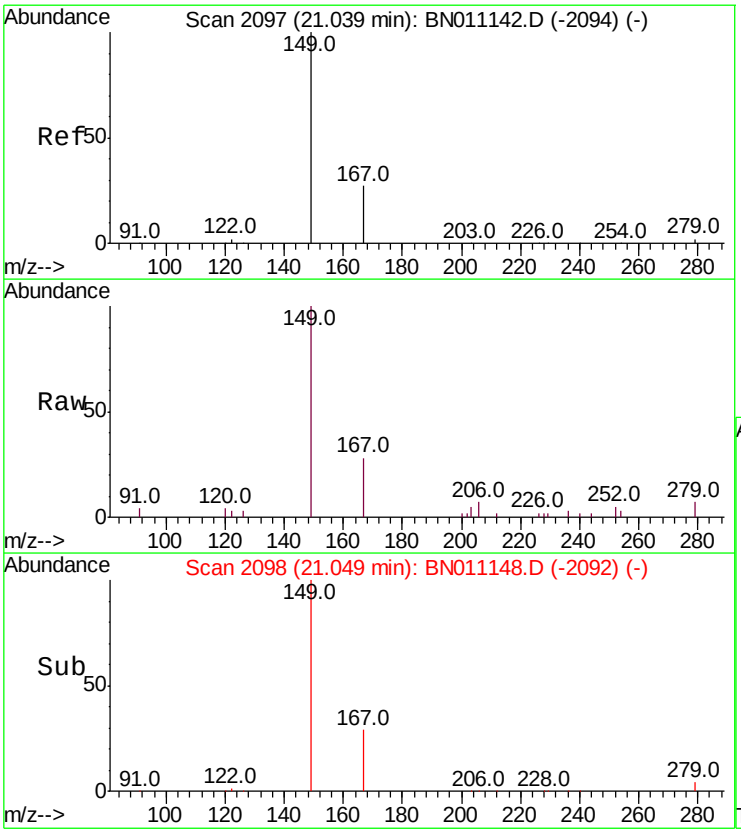
#33
Chrysene
Concen: 0.438 ng
RT: 21.14 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:228 Resp: 10167

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.2	16.2	24.4

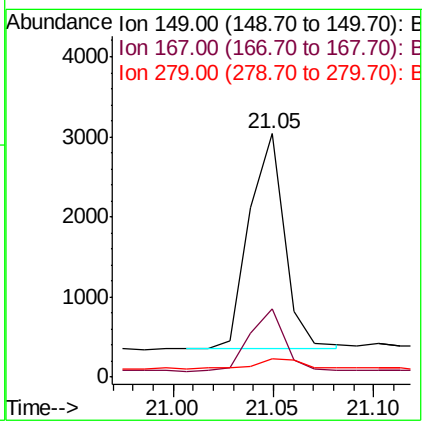


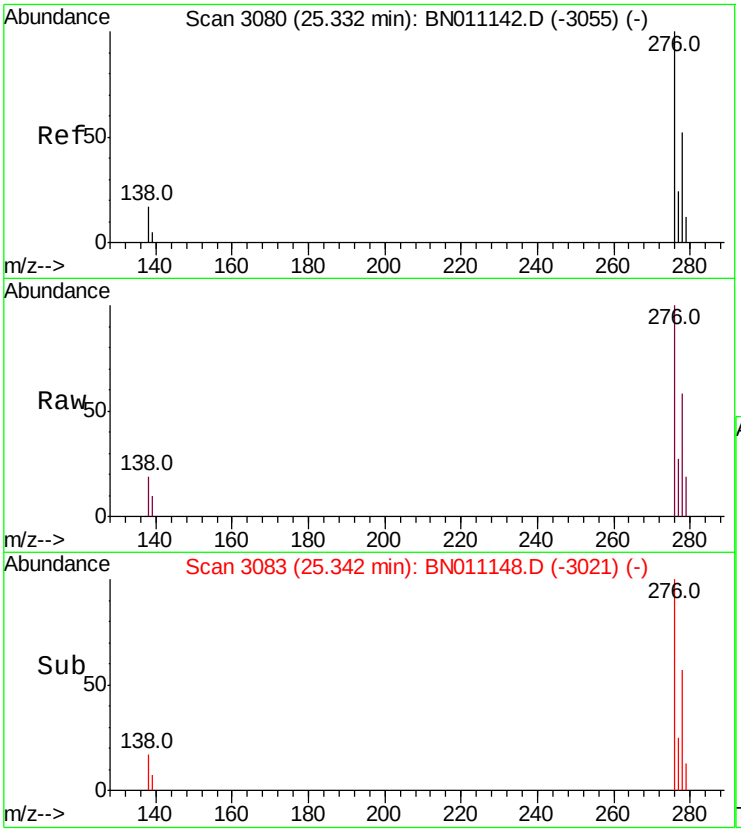


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.417 ng
RT: 21.05 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:149 Resp: 3266

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.4	35.0
279	5.3	4.5	6.7



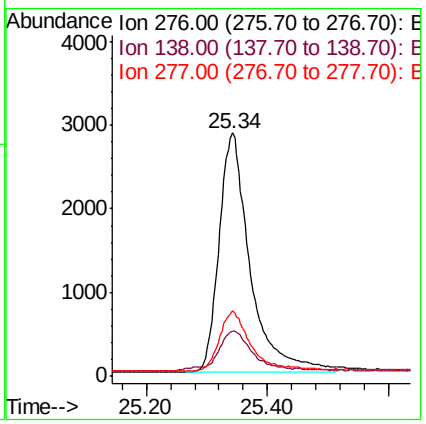


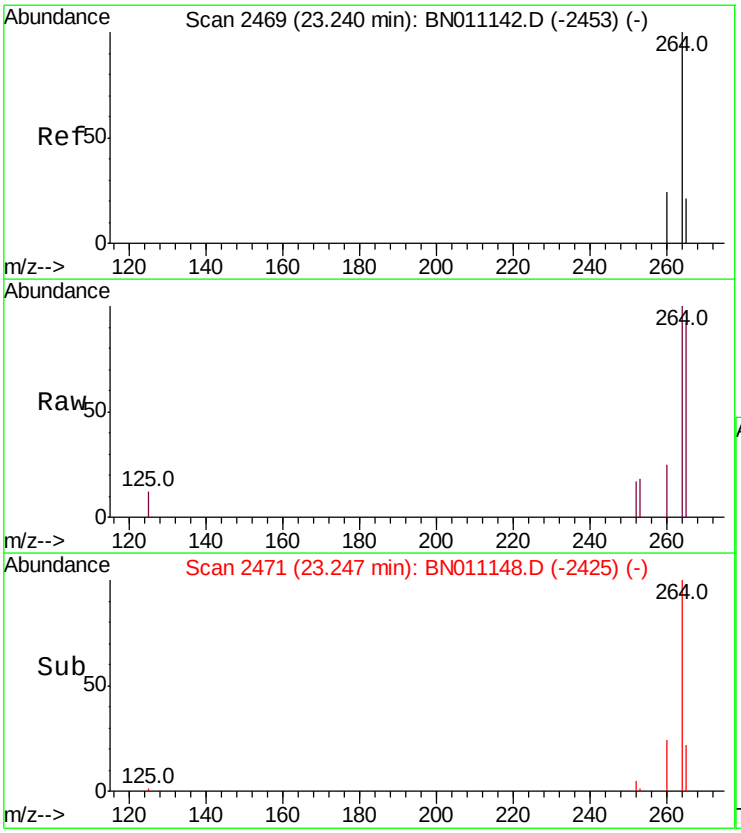
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng
RT: 25.34 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:276 Resp: 10217

Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.0	19.6
277	25.0	19.7	29.5

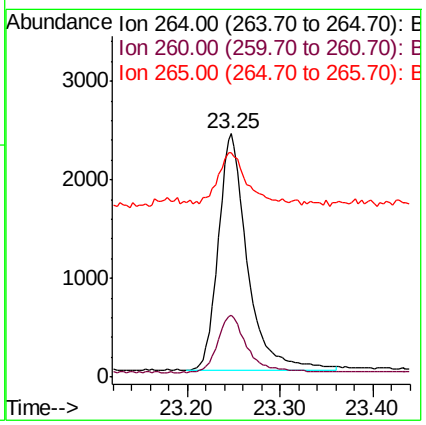


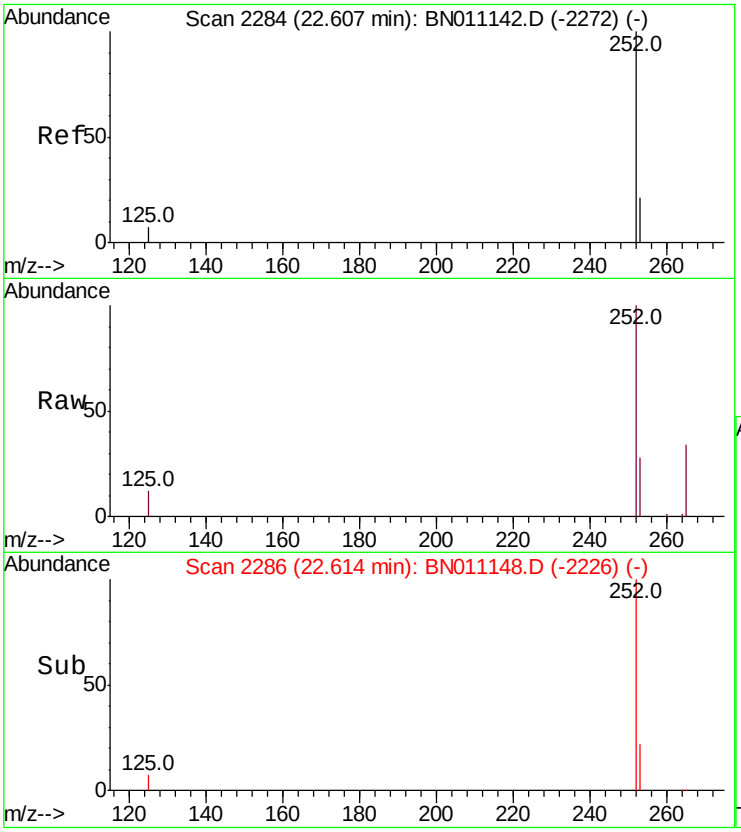


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:264 Resp: 5282

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	92.3	76.6	115.0



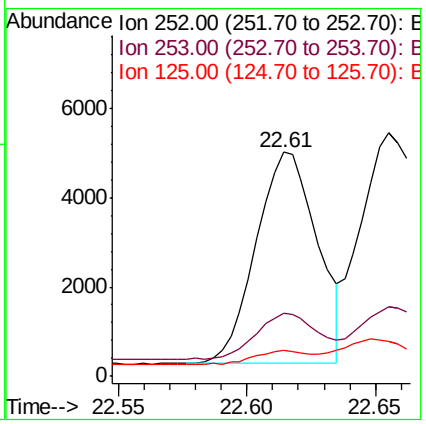


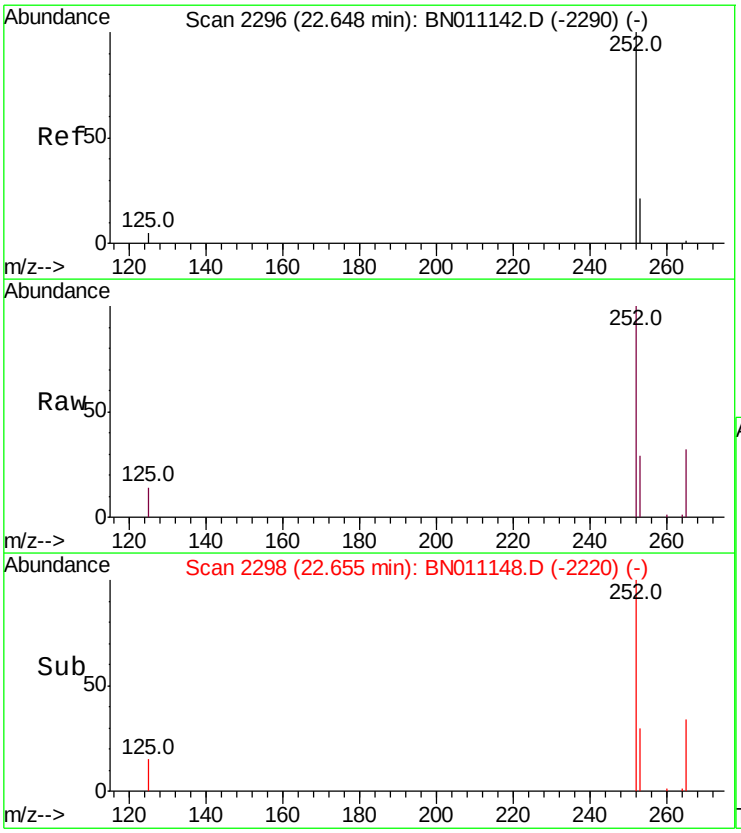
#37
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.61 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:252 Resp: 7874

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.6	34.0
125	11.9	9.6	14.4

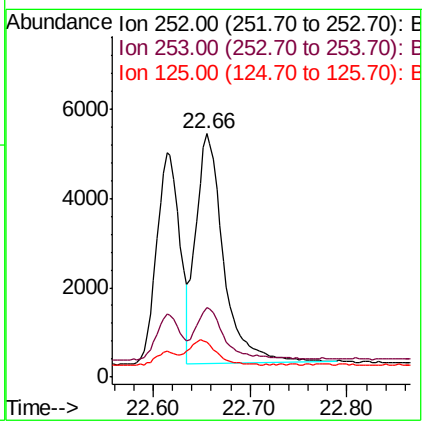


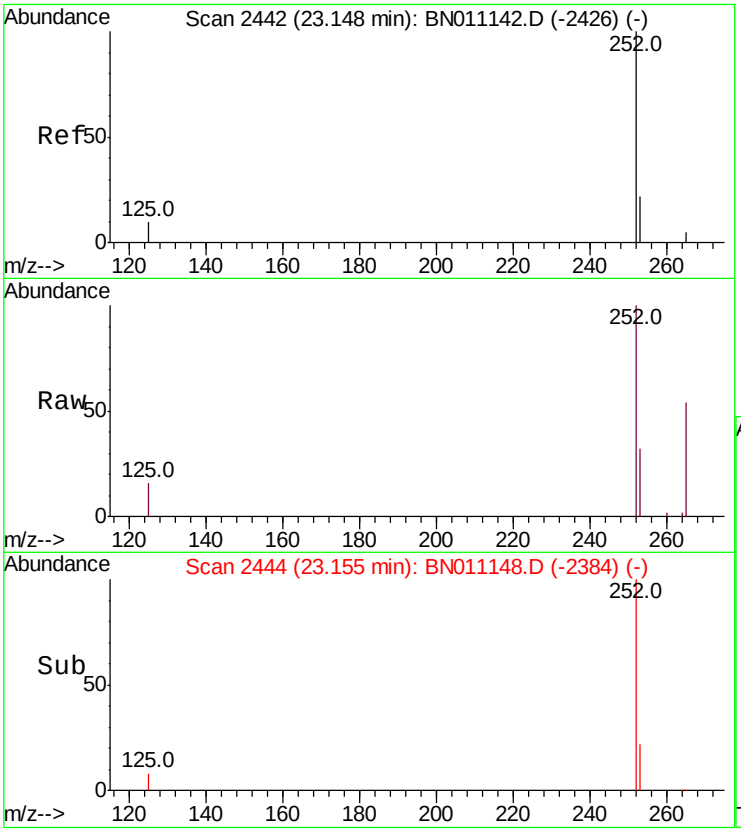


#38
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 22.66 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:252 Resp: 10169

Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.2	33.4
125	14.3	11.0	16.4



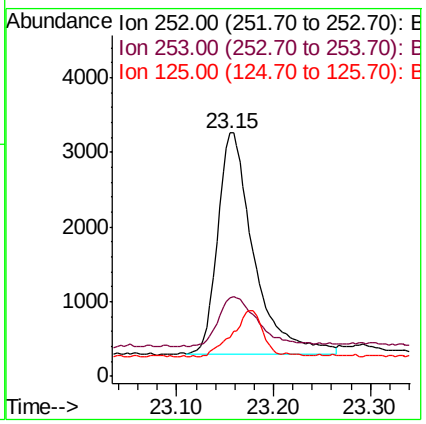


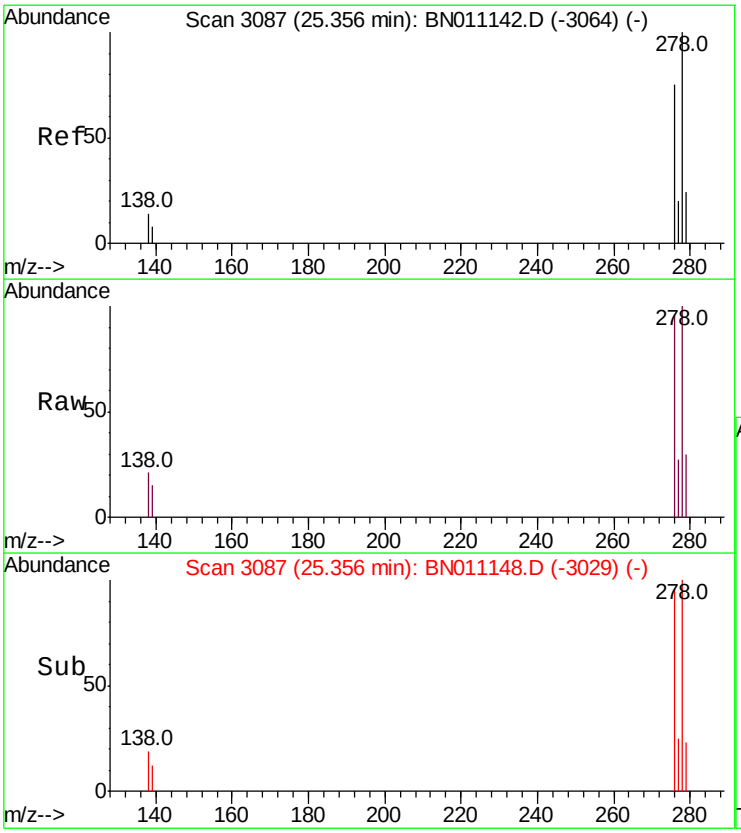
#39
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.15 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:252 Resp: 7650

Ion	Ratio	Lower	Upper
252	100		
253	32.0	25.8	38.6
125	16.0	13.4	20.0

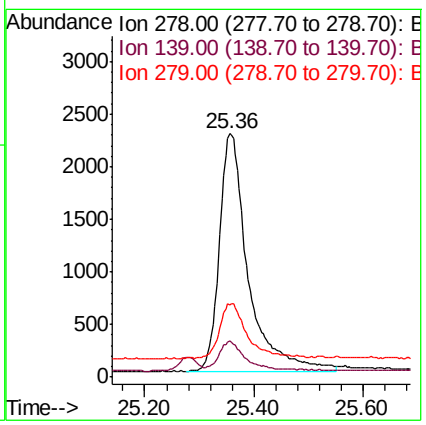


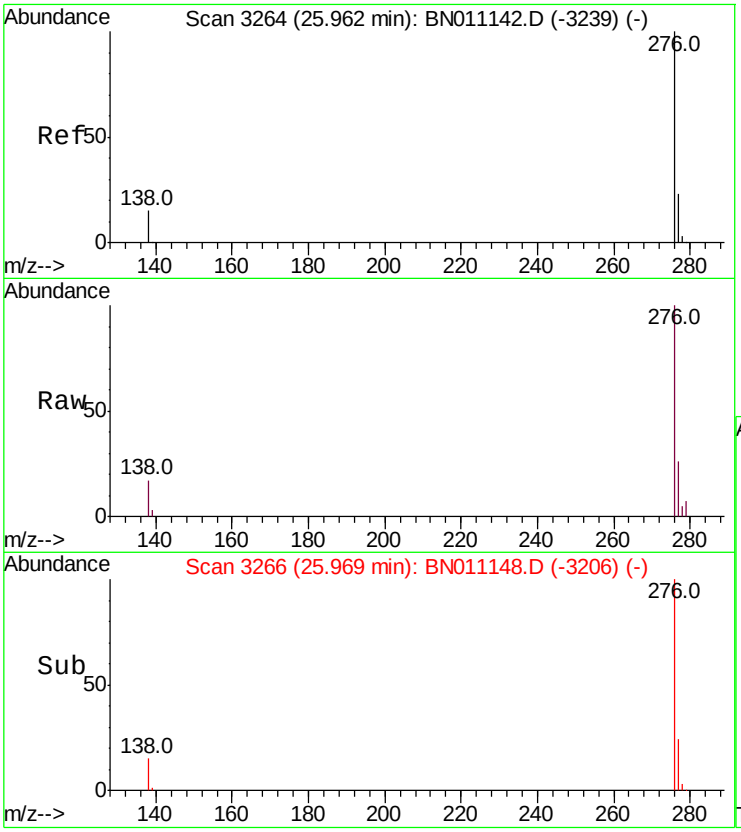


#40
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.36 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:278 Resp: 8228

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	29.5	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 25.97 min Scan# 3266
Delta R.T. 0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tgt Ion:276 Resp: 8553

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.5	30.7
138	17.3	13.8	20.6