Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011039.D
Acq On : 24 Jun 2020 09:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 24 10:58:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2746	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	9831	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	5355	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	9957	0.40	ng		0.00
29) Chrysene-d12	21.11	240	9940	0.40	ng		0.00
36) Perylene-d12	23.26	264	8720	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	3268	0.42	ng		0.00
5) Phenol-d6	6.73	99	3571	0.39	ng		0.02
8) Nitrobenzene-d5	8.66	82	3585	0.40	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	6429	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	920	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	10105	0.40	ng		0.00
27) Fluoranthene-d10	18.94	212	12340	0.39	ng		0.00
31) Terphenyl-d14	19.55	244	10529	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1606	0.435	ng		95
3) n-Nitrosodimethylamine	3.58	42	813	0.395	ng	#	87
6) bis(2-Chloroethyl)ether	6.98	93	3297	0.416	ng		99
9) Naphthalene	10.32	128	11454	0.384	ng		99
10) Hexachlorobutadiene	10.61	225	2726	0.379	ng	#	99
12) 2-Methylnaphthalene	11.94	142	7407	0.370	ng		98
16) Acenaphthylene	13.85	152	10395	0.385	ng		99
17) Acenaphthene	14.21	154	7281	0.402	ng		100
18) Fluorene	15.20	166	8942	0.387	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	569	0.341	ng		94
21) 4-Bromophenyl-phenylether	16.09	248	2887	0.419	ng		92
22) Hexachlorobenzene	16.20	284	3265	0.429	ng		100
23) Atrazine	16.39	200	2024	0.398	ng		95
24) Pentachlorophenol	16.56	266	929	0.386	ng		93
25) Phenanthrene	16.93	178	14343	0.427	ng		100
26) Anthracene	17.03	178	11147	0.400	ng		99
28) Fluoranthene	18.97	202	14873	0.388	ng		100
30) Pyrene	19.33	202	14805	0.387	ng		100
32) Benzo(a)anthracene	21.09	228	13672	0.397	ng		99
33) Chrysene	21.14	228	17611	0.469	ng		99
34) Bis(2-ethylhexyl)phthalate	21.06	149	5135	0.371	ng		99
35) Indeno(1,2,3-cd)pyrene	25.36	276	16526	0.396	ng		99
37) Benzo(b)fluoranthene	22.62	252	14381	0.417	ng		99
38) Benzo(k)fluoranthene	22.67	252	15112	0.421	ng		99
39) Benzo(a)pyrene	23.17	252	12513	0.408	ng		100
40) Dibenzo(a,h)anthracene	25.37	278	13502	0.409	ng		100
41) Benzo(g,h,i)perylene	25.99	276	14348	0.419	ng		99

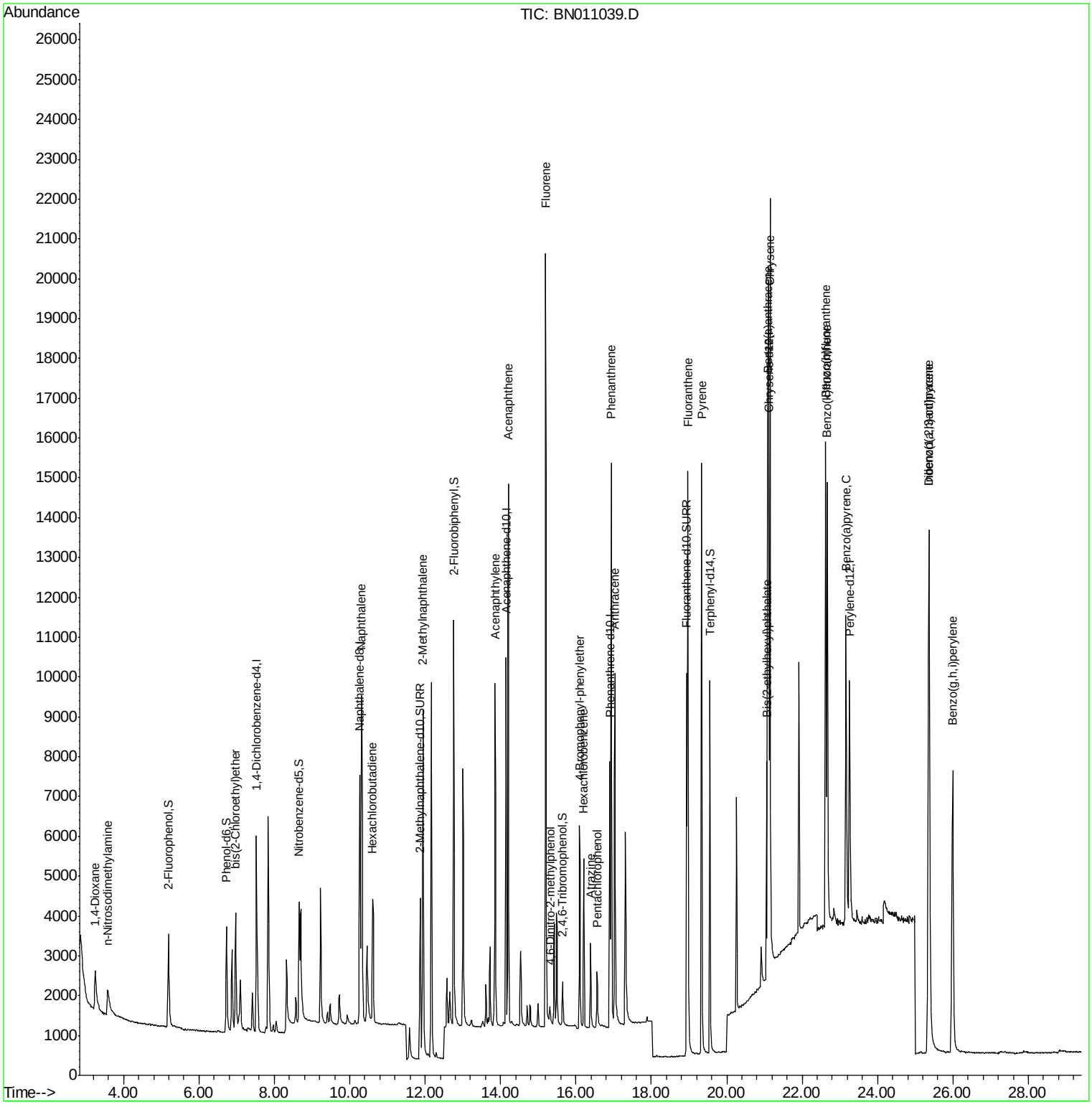
(#) = qualifier out of range (m) = manual integration (+) = signals summed

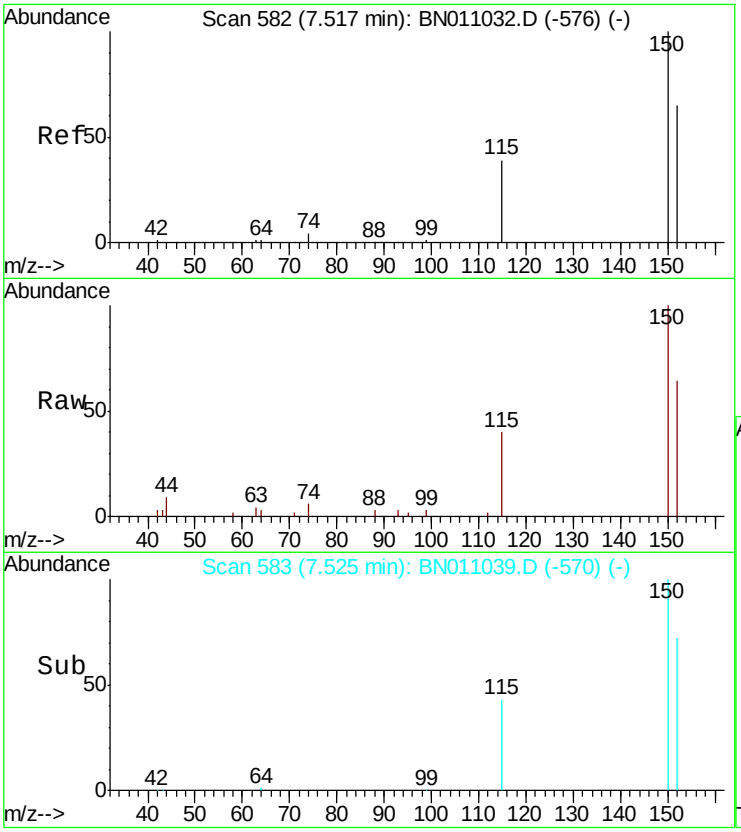
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011039.D
Acq On : 24 Jun 2020 09:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 24 10:58:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration



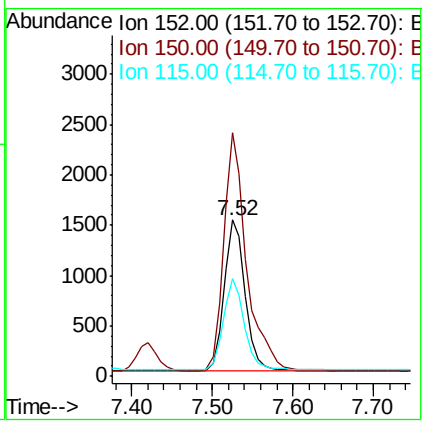


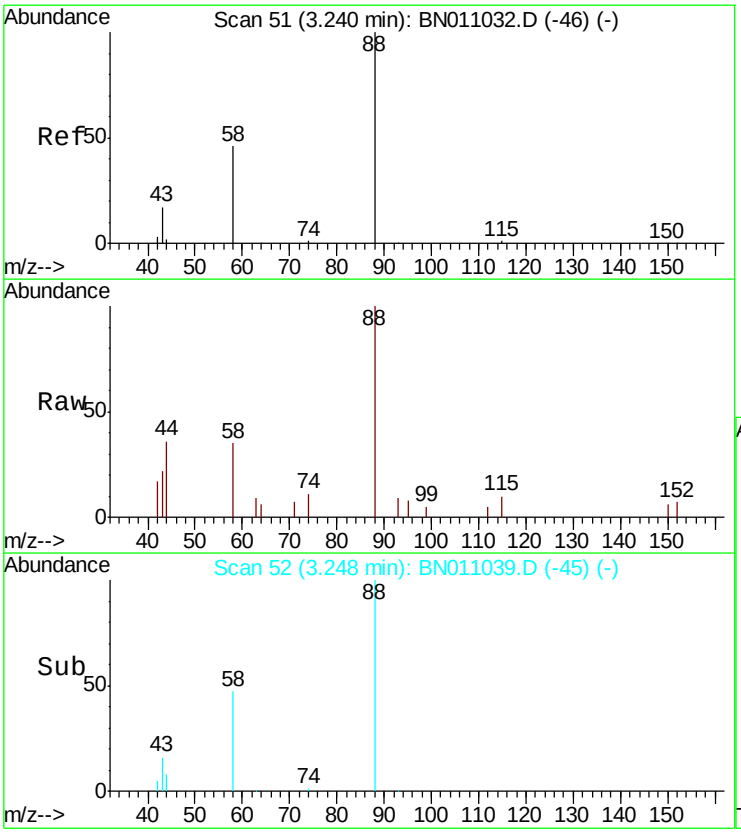
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 2746

Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.8	182.8
115	62.3	50.2	75.2

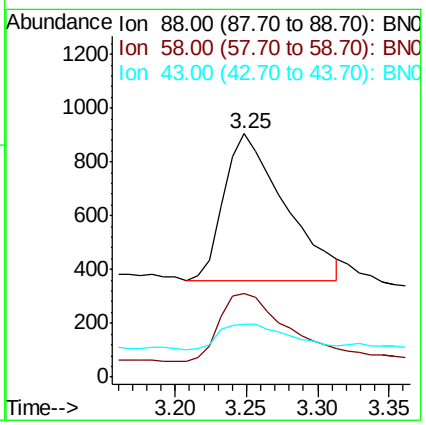


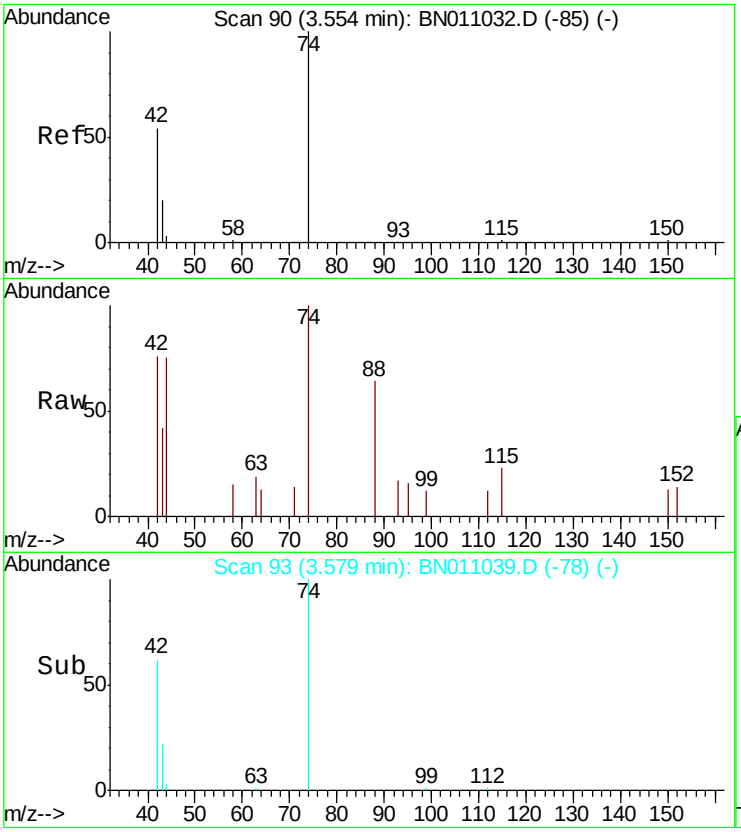


#2
1,4-Dioxane
Concen: 0.435 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion: 88 Resp: 1606

Ion	Ratio	Lower	Upper
88	100		
58	51.6	38.4	57.6
43	20.2	14.2	21.4



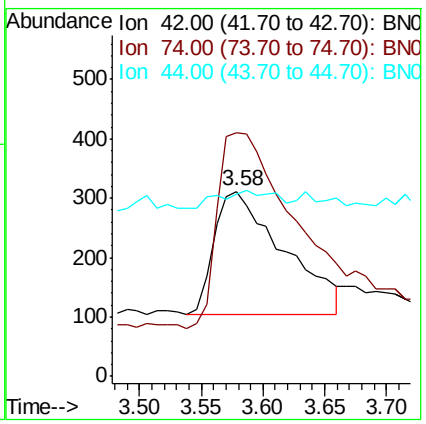


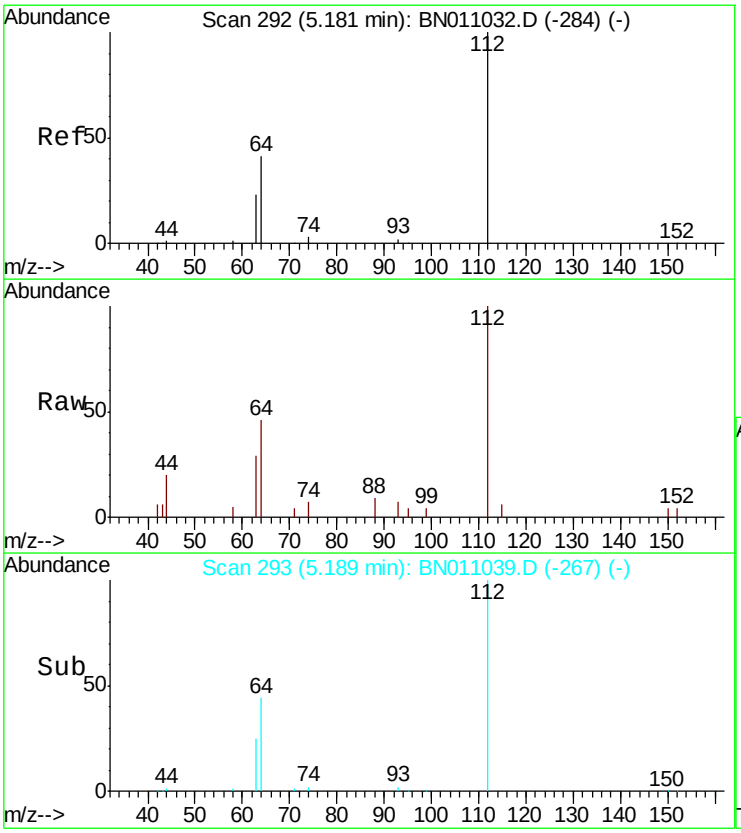
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.02 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 813

Ion	Ratio	Lower	Upper
42	100		
74	174.9	154.8	232.2
44	10.7	4.8	7.2#

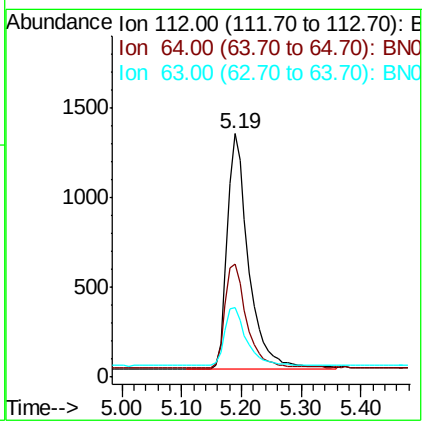


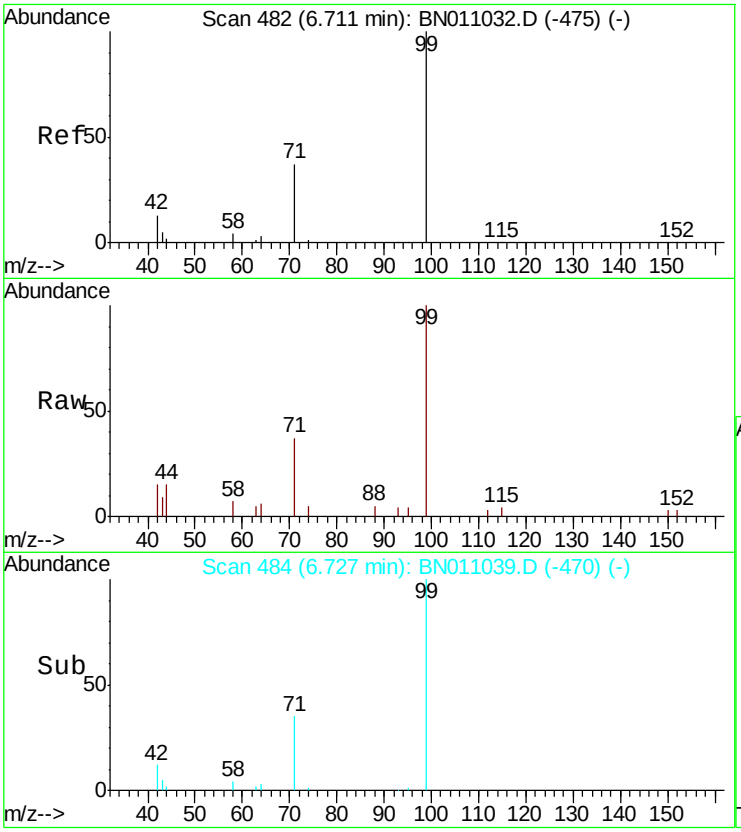


#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:112 Resp: 3268

Ion	Ratio	Lower	Upper
112	100		
64	45.8	37.3	55.9
63	25.2	20.4	30.6



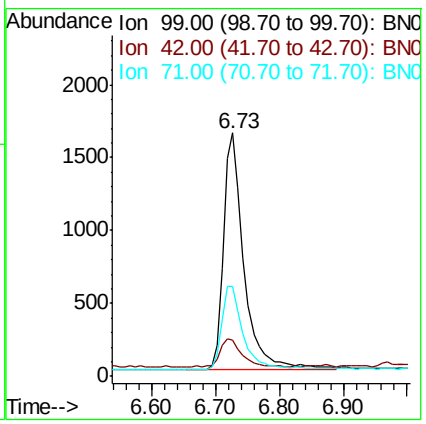


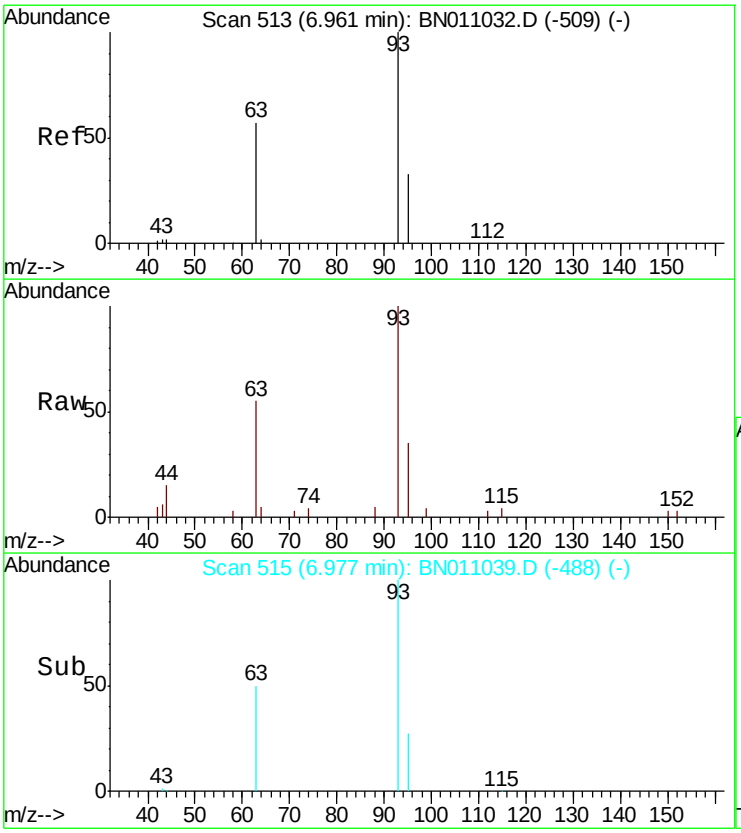
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.02 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 3571

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	36.6	28.7	43.1

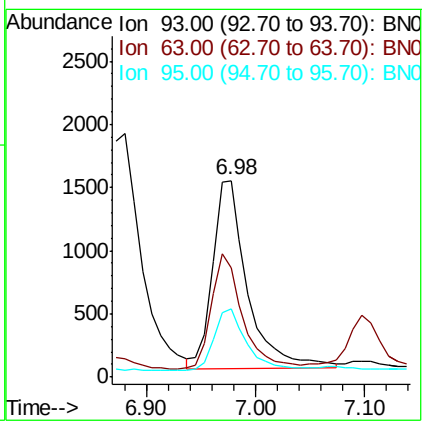


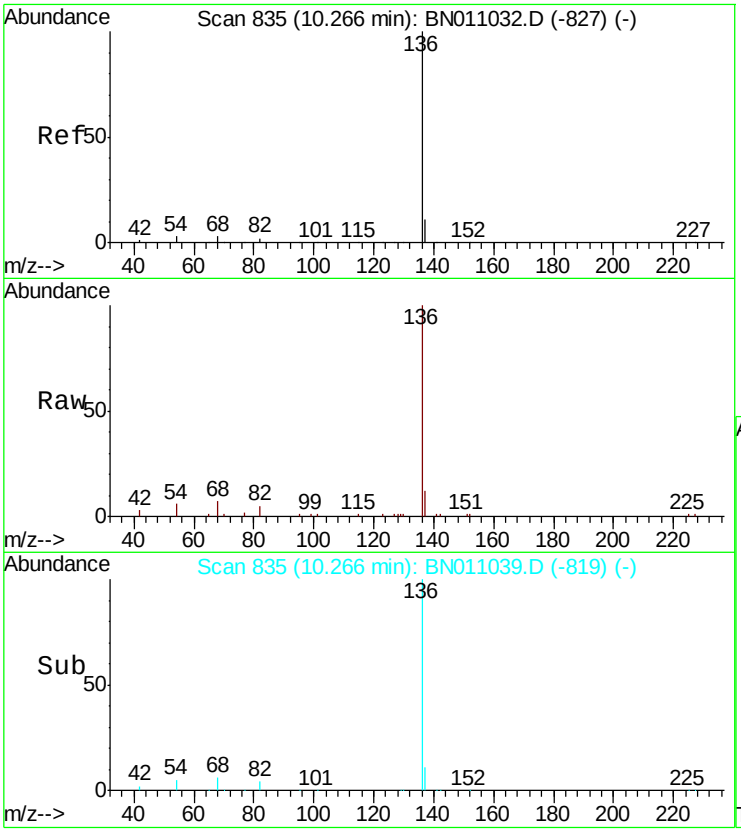


#6
bis(2-Chloroethyl)ether
Concen: 0.416 ng
RT: 6.98 min Scan# 515
Delta R.T. 0.02 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion: 93 Resp: 3297

Ion	Ratio	Lower	Upper
93	100		
63	54.9	43.7	65.5
95	30.6	25.3	37.9



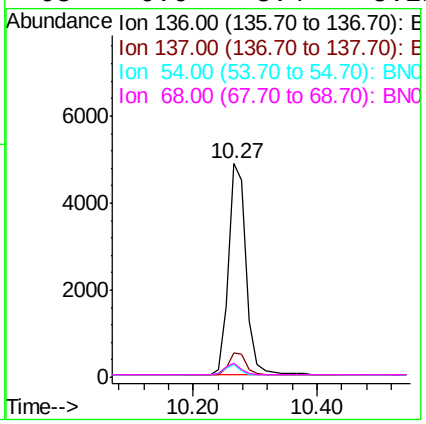


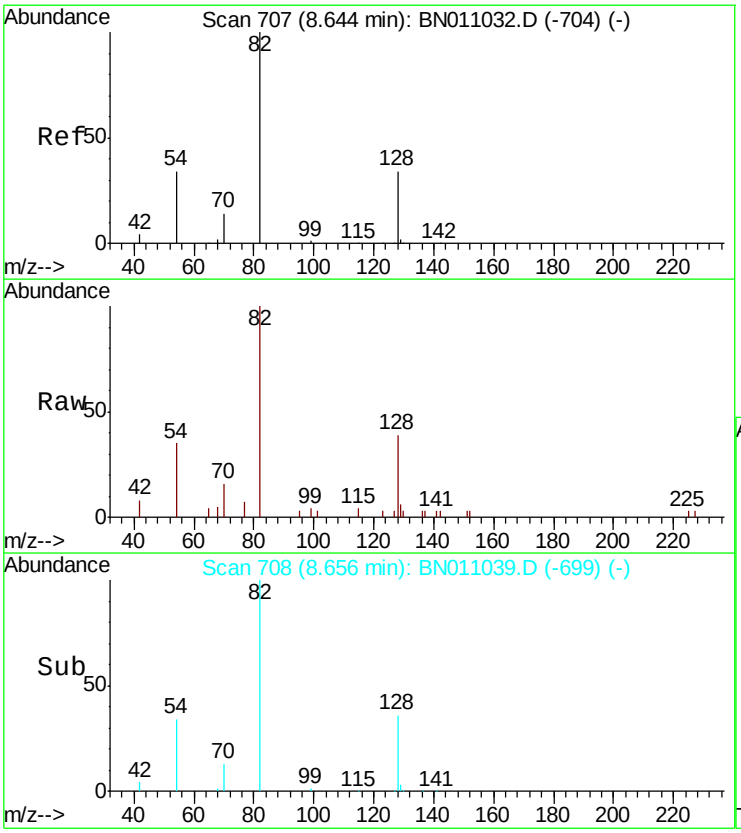
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 9831

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	5.9	3.0	4.4#
68	6.6	3.4	5.2#

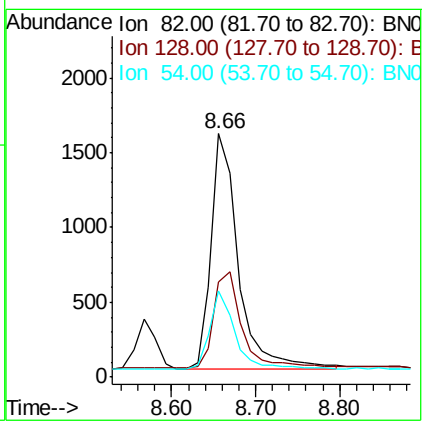


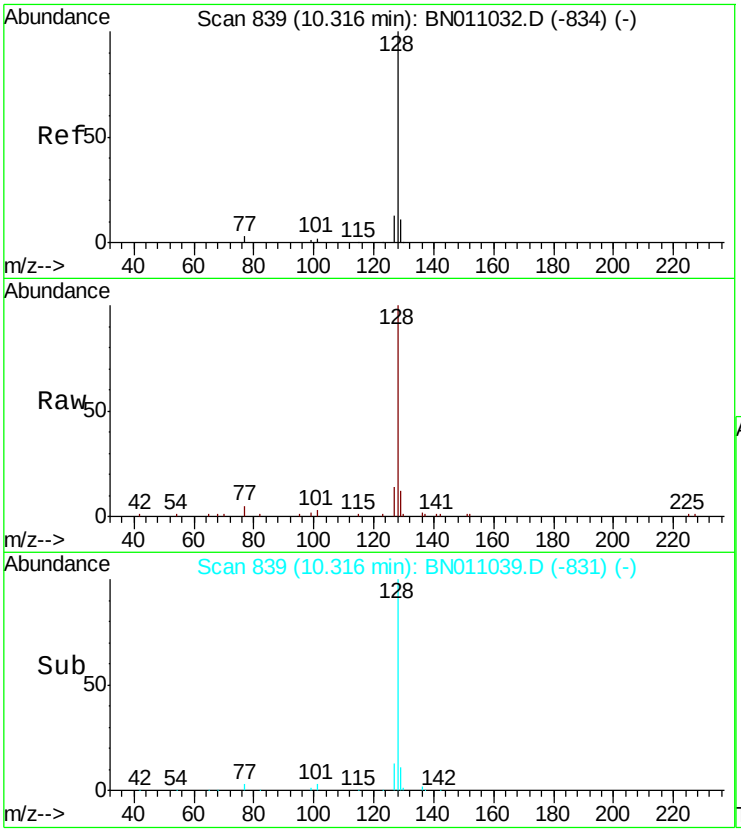


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion: 82 Resp: 3585

Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	35.4	28.8	43.2



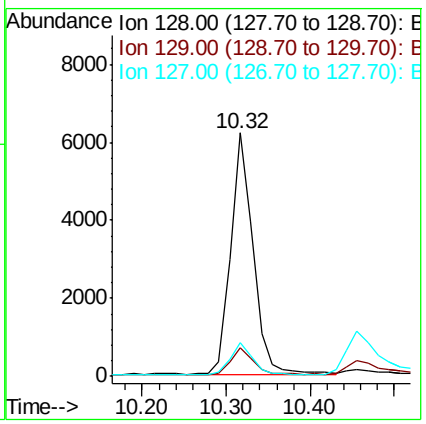


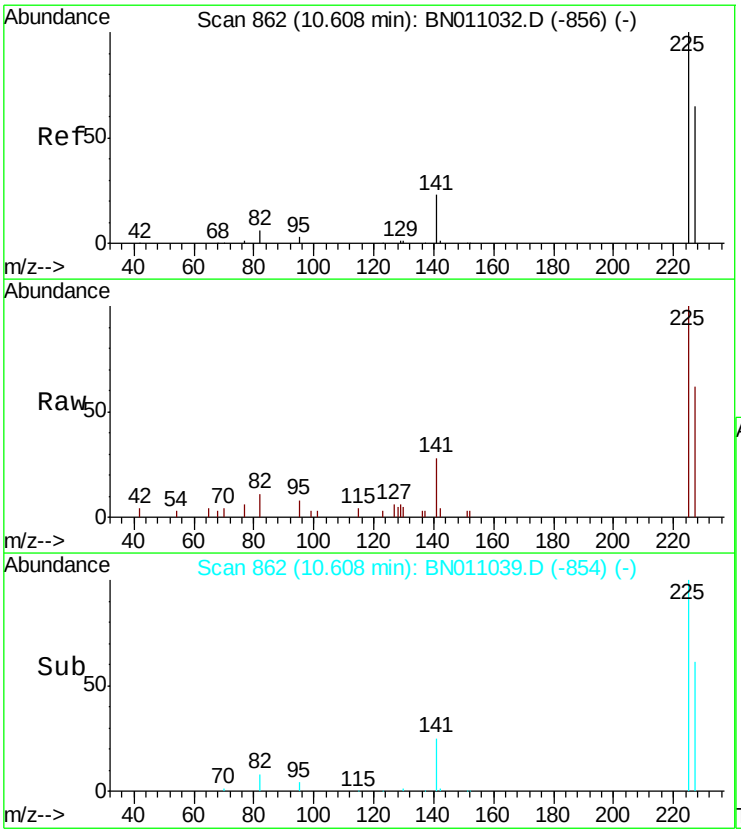
#9
Naphthalene
Concen: 0.384 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 11454

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.9	10.9	16.3

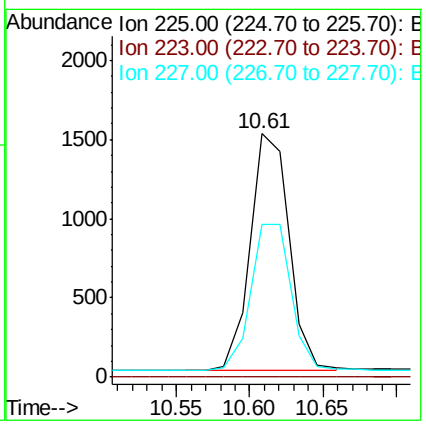


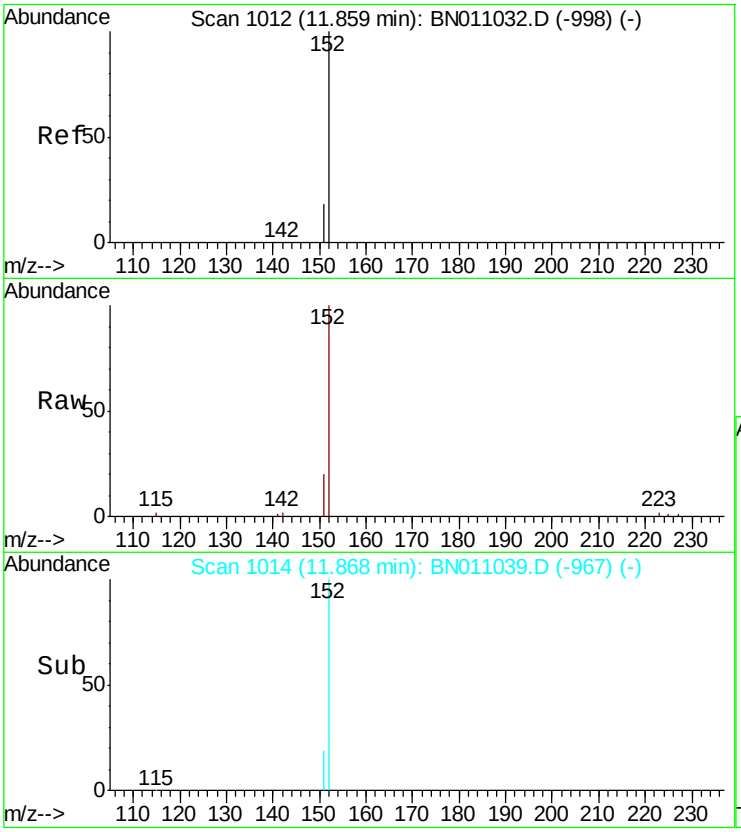


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.61 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:225 Resp: 2726

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.7	77.5



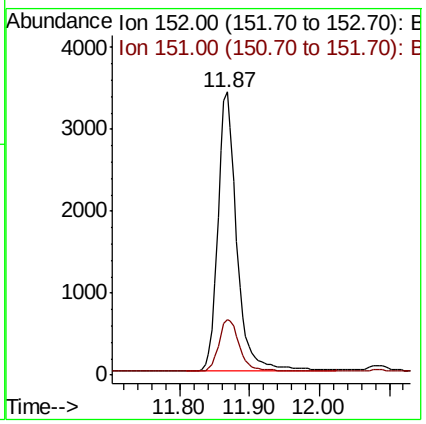


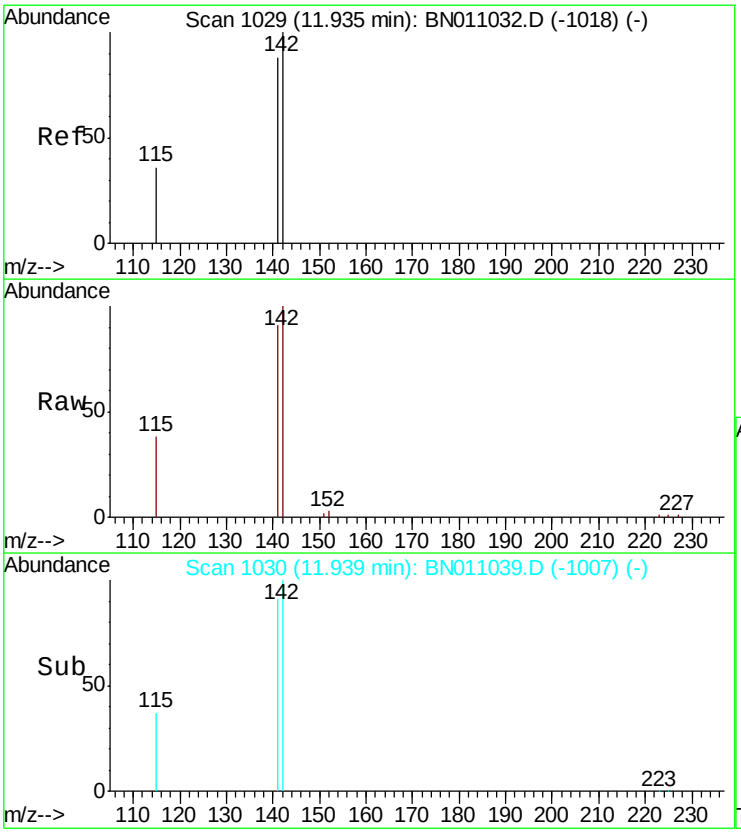
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 11.87 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 6429

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

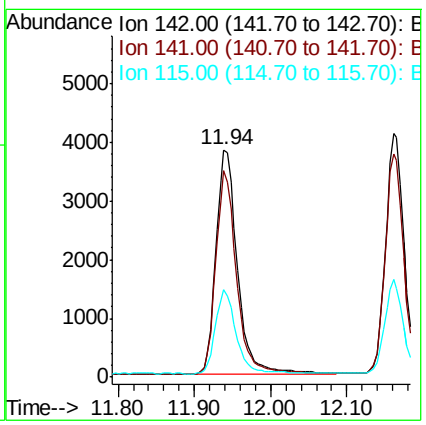


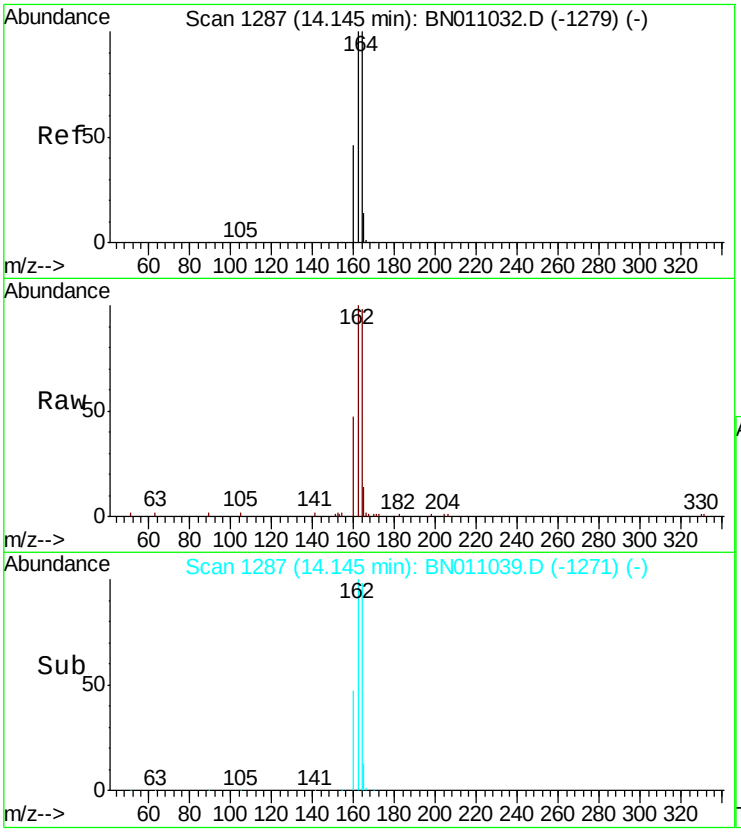


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:142 Resp: 7407

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.6	106.0
115	38.3	30.2	45.2



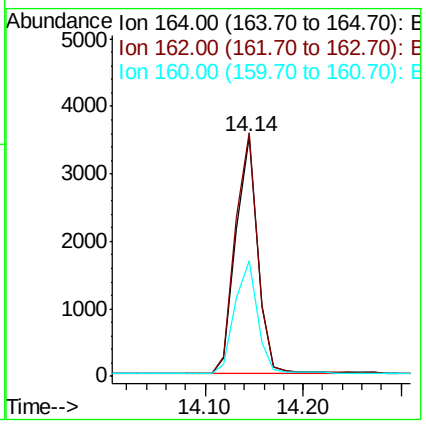


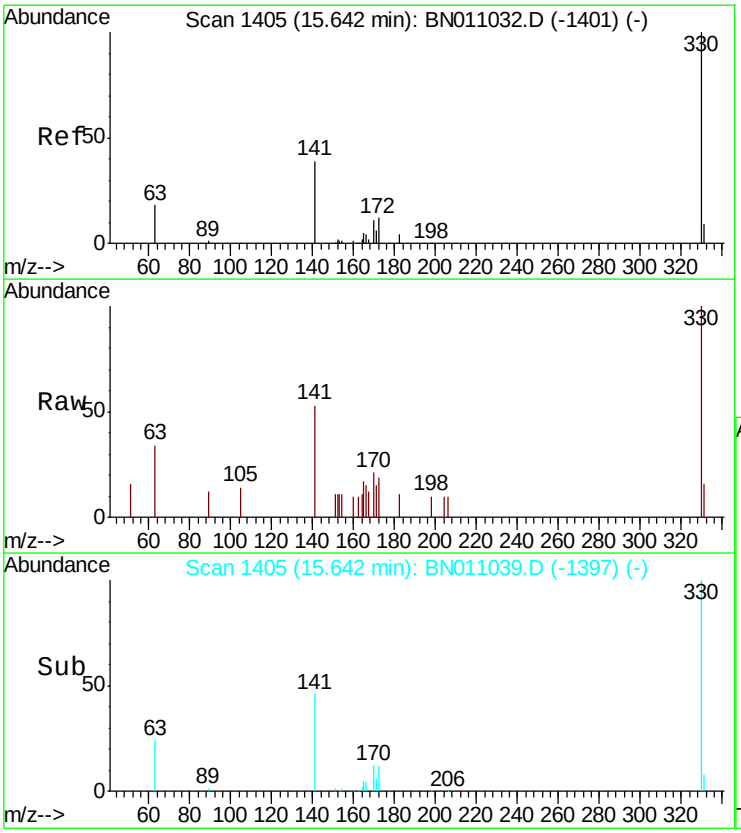
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 5355

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.4
160	48.3	37.7	56.5

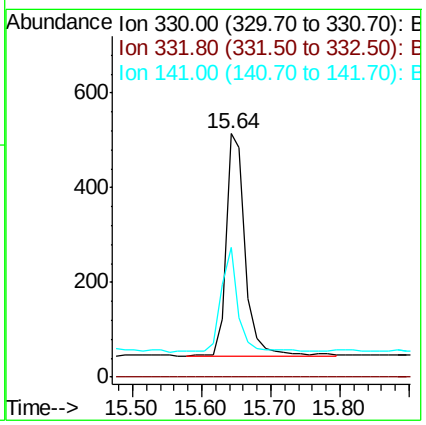


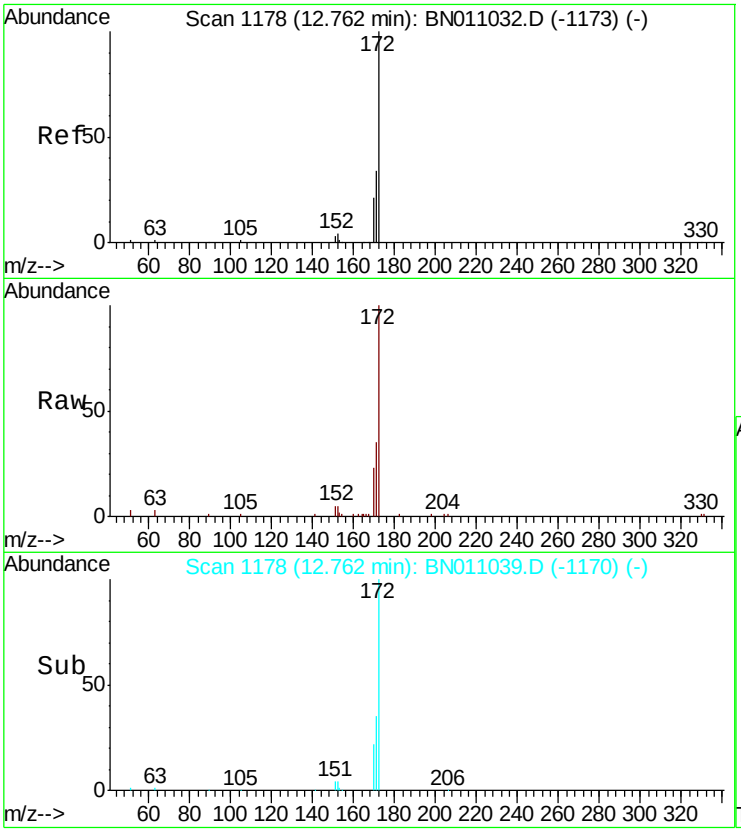


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.64 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:330 Resp: 920

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.2	34.5	51.7



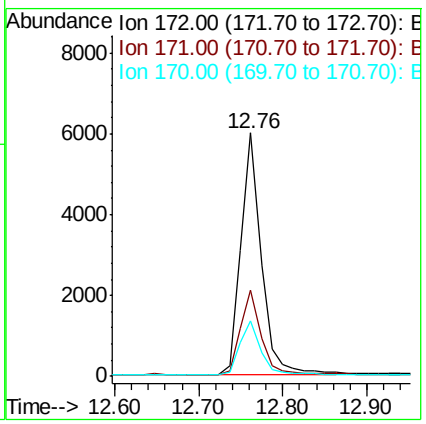


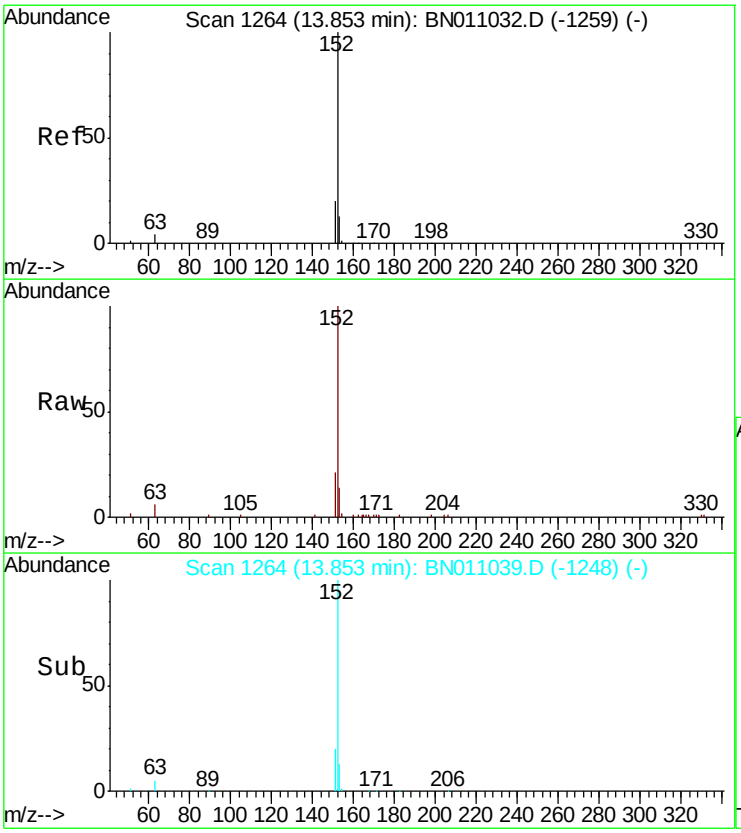
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 10105

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.2
170	23.0	17.5	26.3

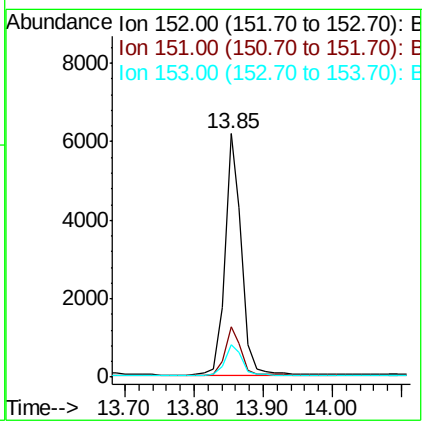


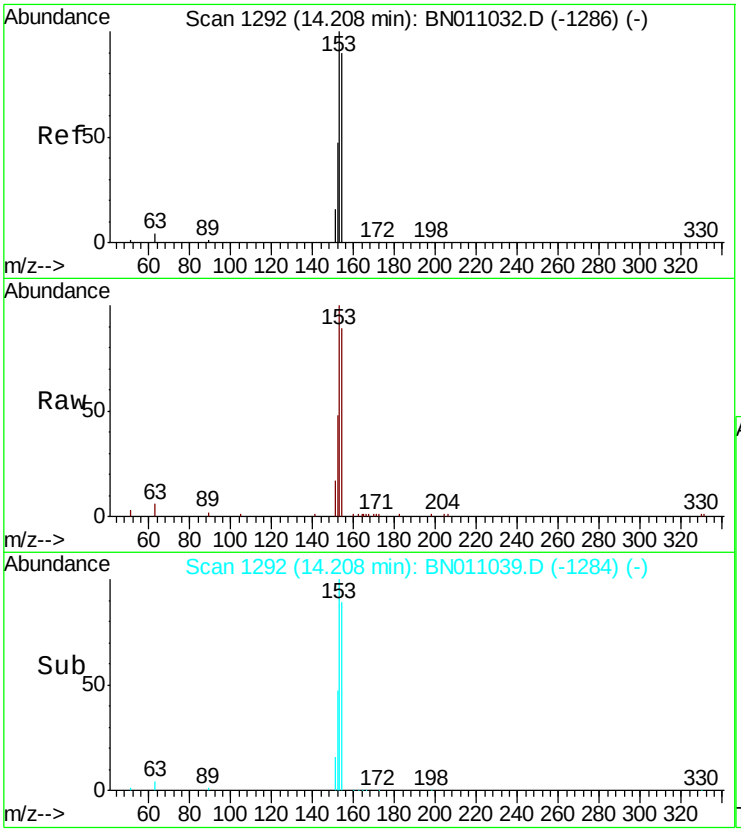


#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:152 Resp: 10395

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.0	10.2	15.2



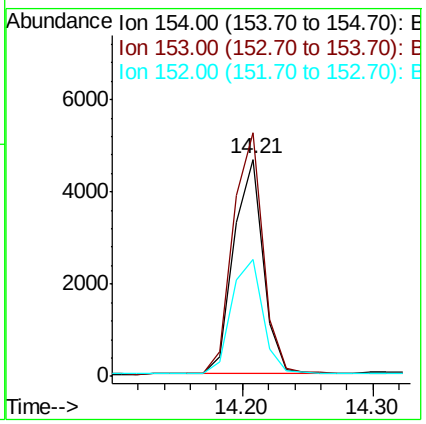


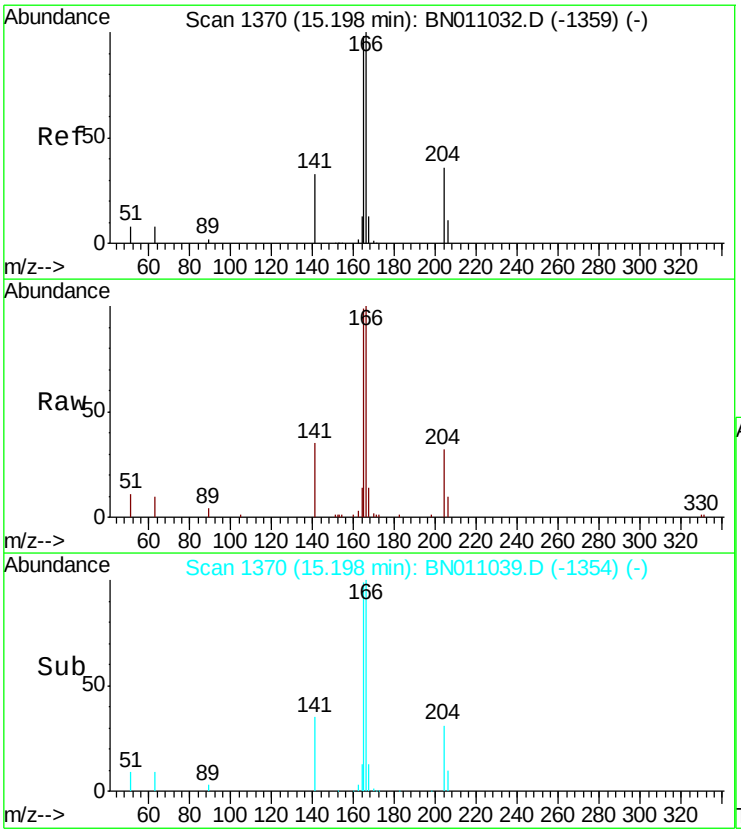
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.21 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 7281

Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.3	138.5
152	57.2	45.5	68.3

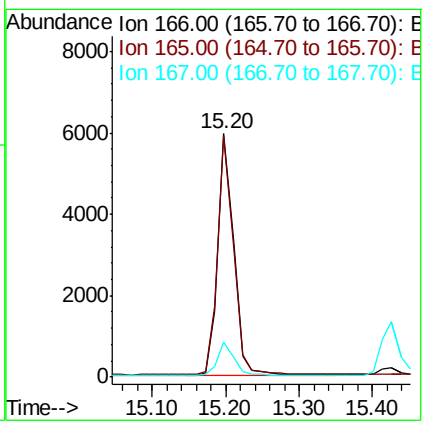


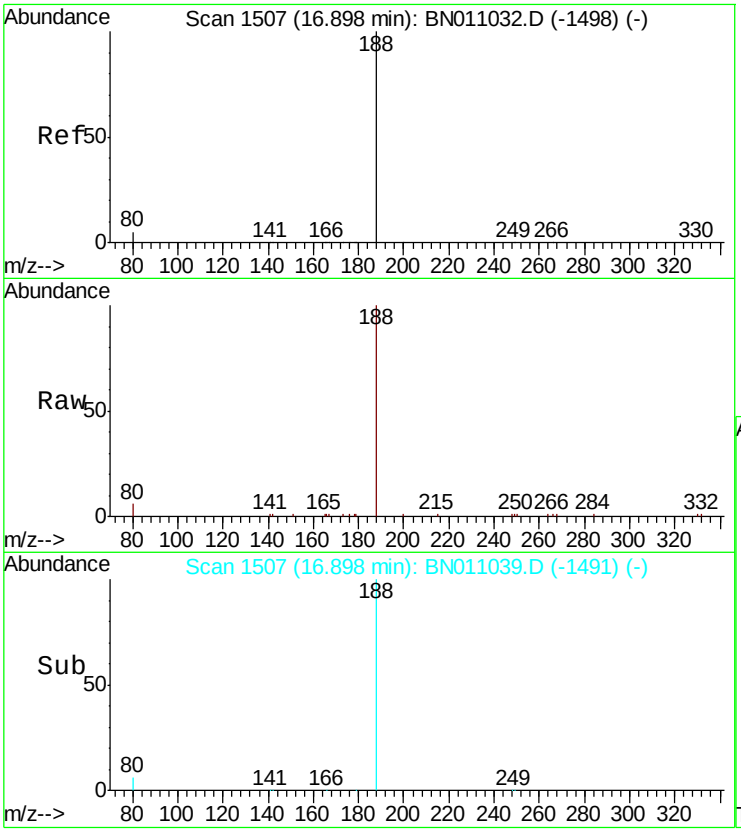


#18
Fluorene
Concen: 0.387 ng
RT: 15.20 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:166 Resp: 8942

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.6	10.8	16.2



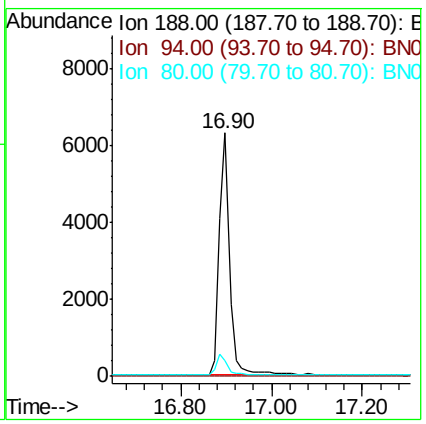


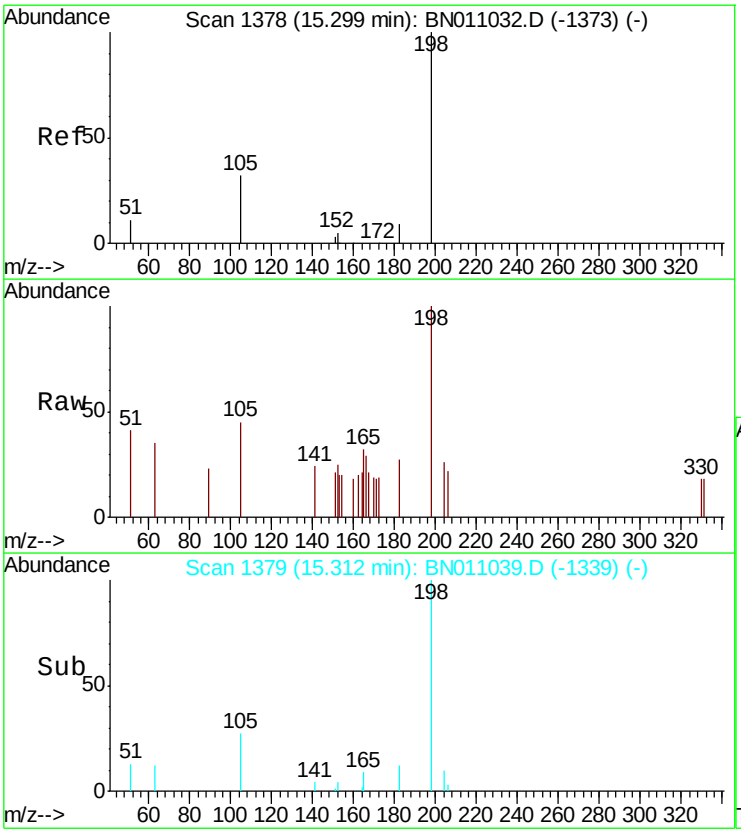
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 9957

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	4.6	7.0

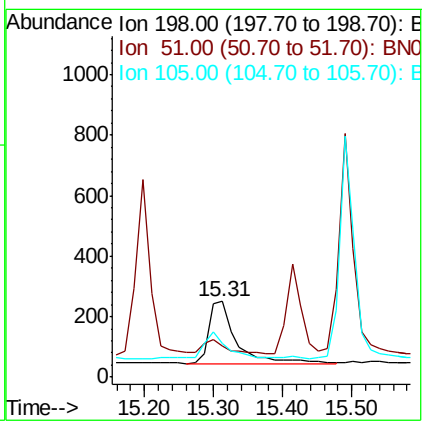


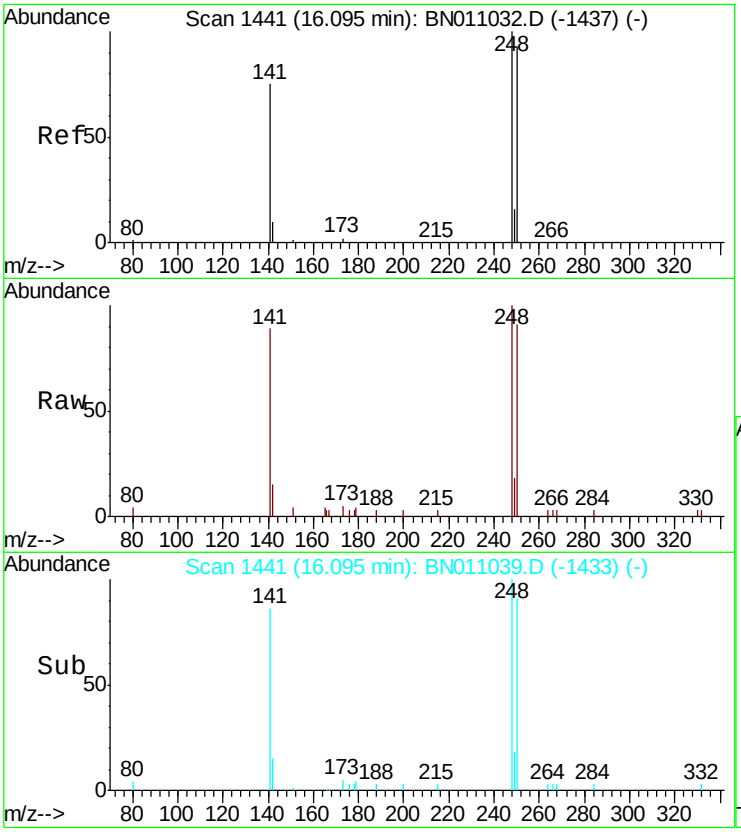


#20
4,6-Dinitro-2-methylphenol
Concen: 0.341 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:198 Resp: 569

Ion	Ratio	Lower	Upper
198	100		
51	40.6	29.5	44.3
105	45.0	39.2	58.8



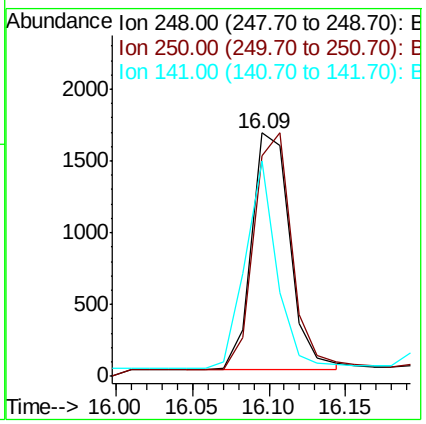


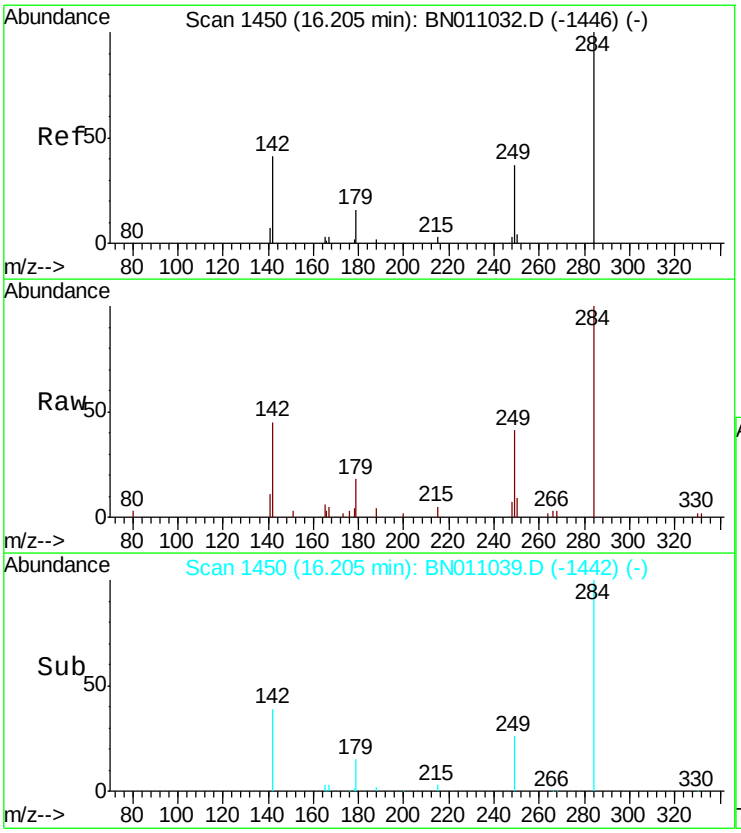
#21
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.09 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 2887

Ion	Ratio	Lower	Upper
248	100		
250	90.6	74.6	111.8
141	88.7	60.9	91.3

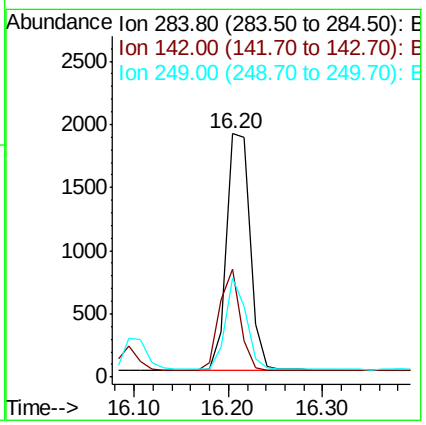


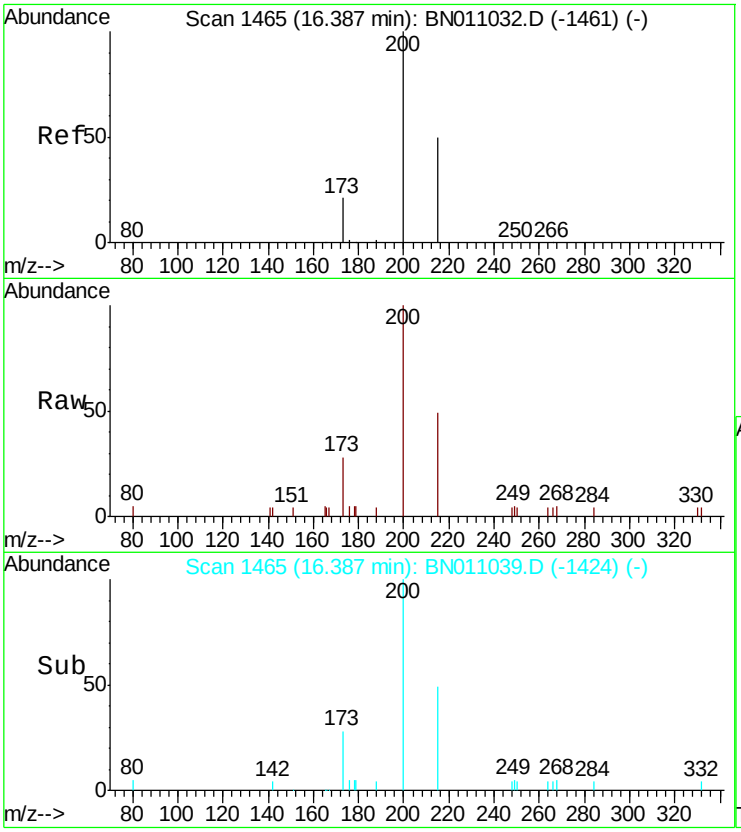


#22
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:284 Resp: 3265

Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.4	45.6
249	33.4	27.0	40.4



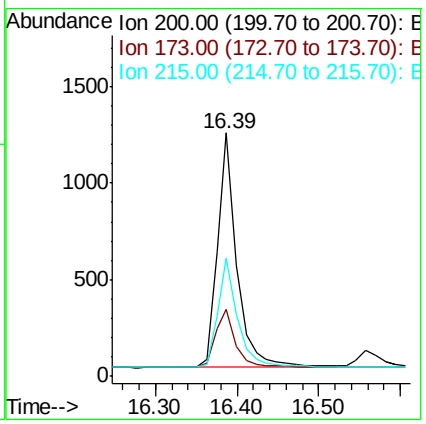


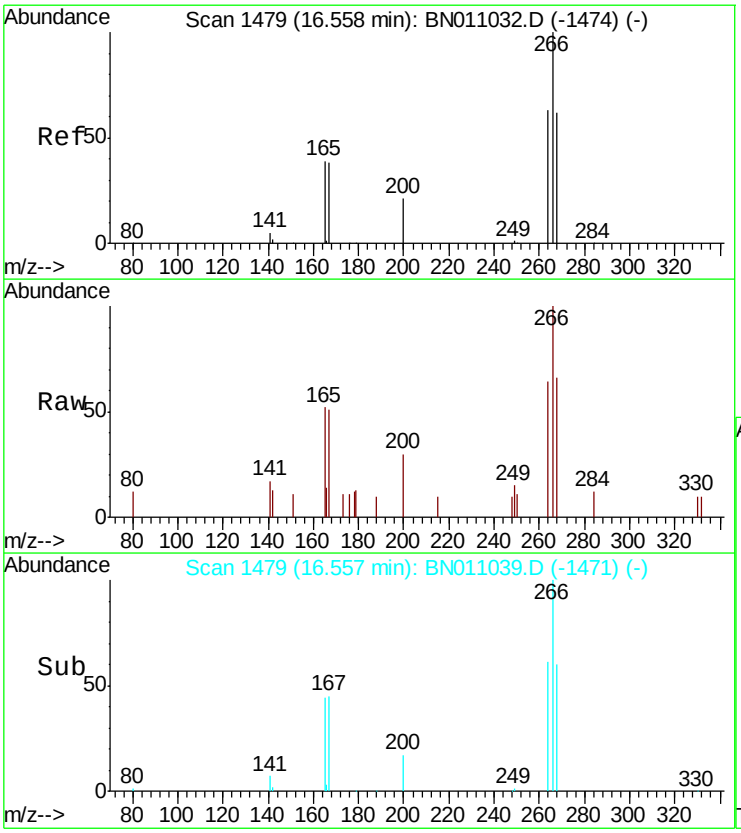
#23
Atrazine
Concen: 0.398 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 2024

Ion	Ratio	Lower	Upper
200	100		
173	27.6	19.4	29.2
215	48.7	41.5	62.3

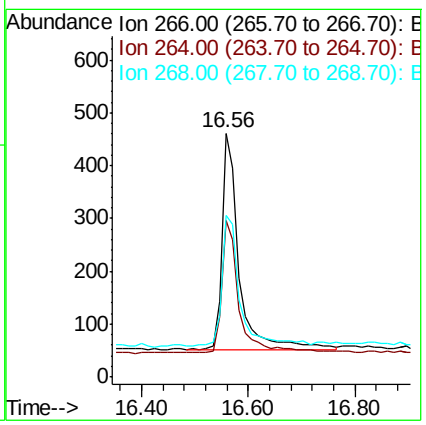


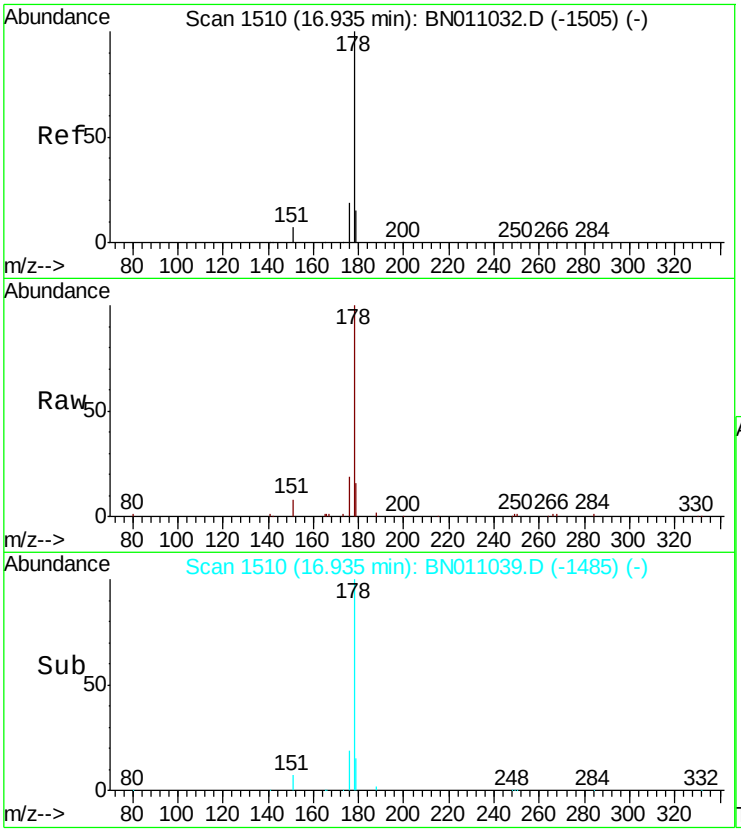


#24
Pentachlorophenol
Concen: 0.386 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:266 Resp: 929

Ion	Ratio	Lower	Upper
266	100		
264	59.8	51.4	77.0
268	62.0	54.9	82.3



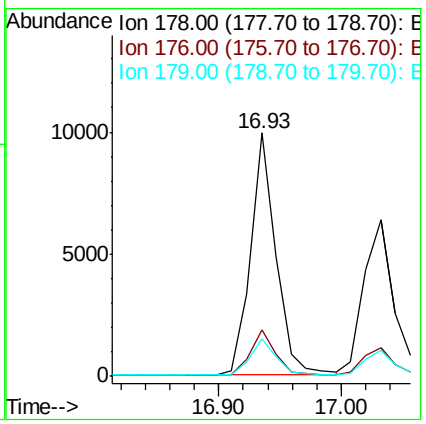


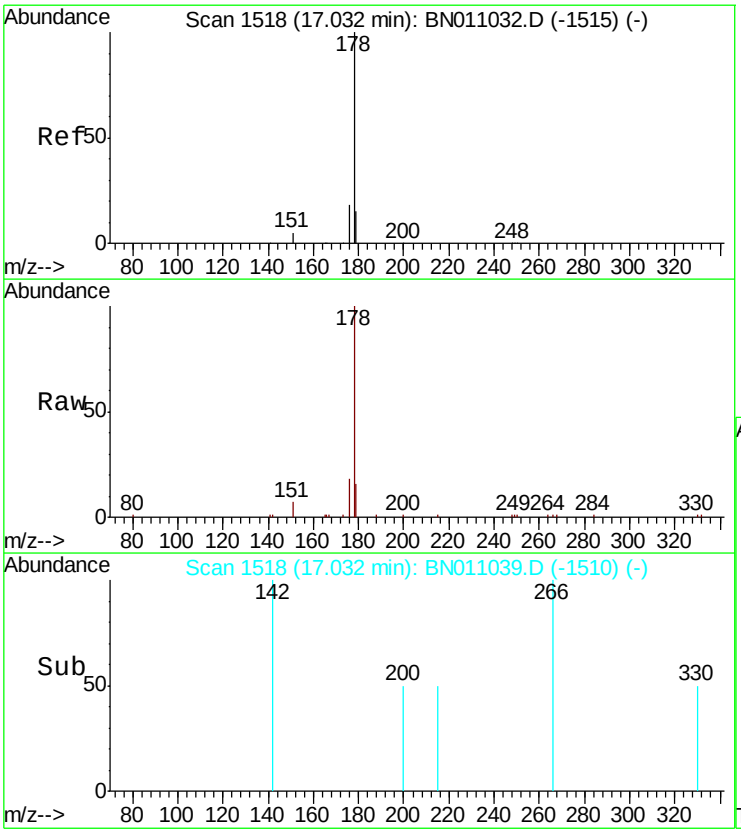
#25
Phenanthrene
Concen: 0.427 ng
RT: 16.93 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 14343

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.5	12.3	18.5

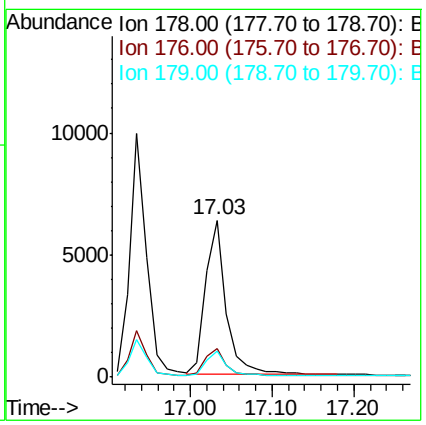


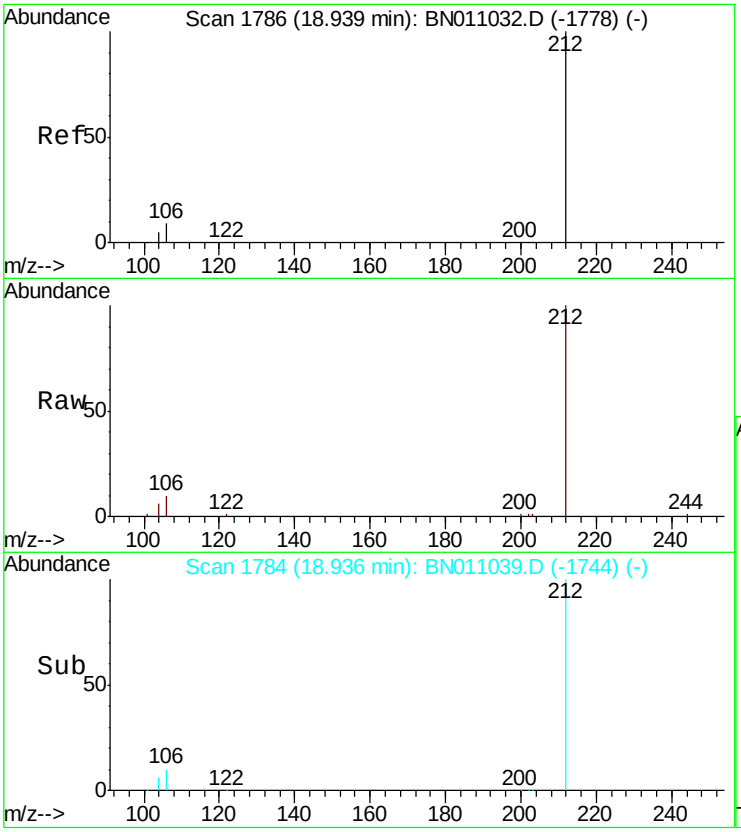


#26
Anthracene
Concen: 0.400 ng
RT: 17.03 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:178 Resp: 11147

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.3	12.2	18.4



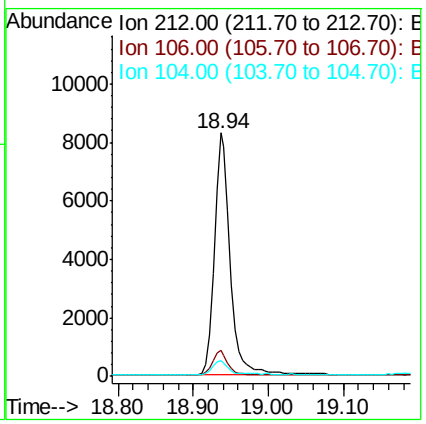


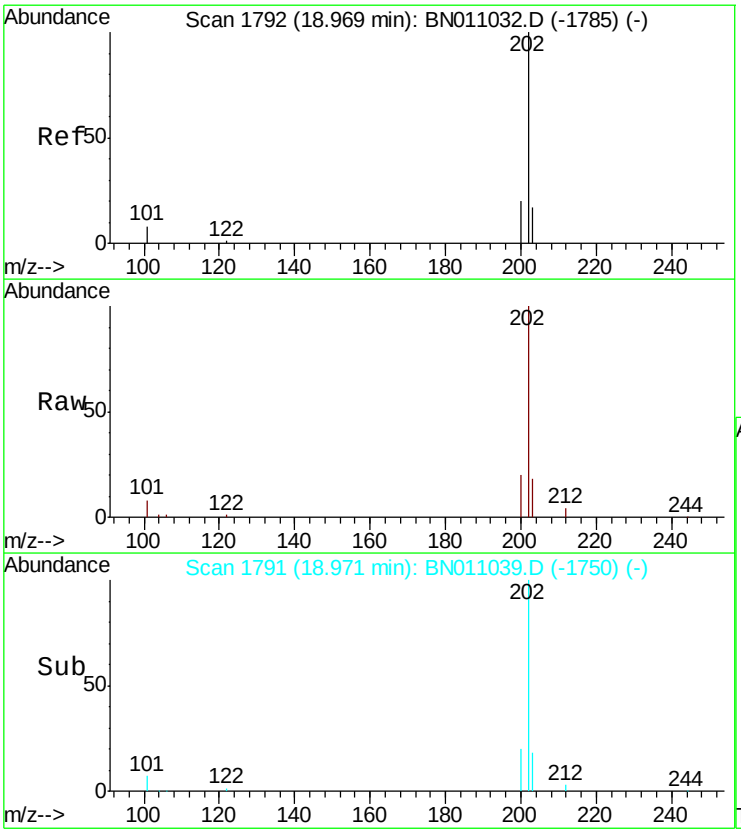
#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 18.94 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:212 Resp: 12340

Ion	Ratio	Lower	Upper
212	100		
106	9.7	7.7	11.5
104	5.8	4.6	6.8

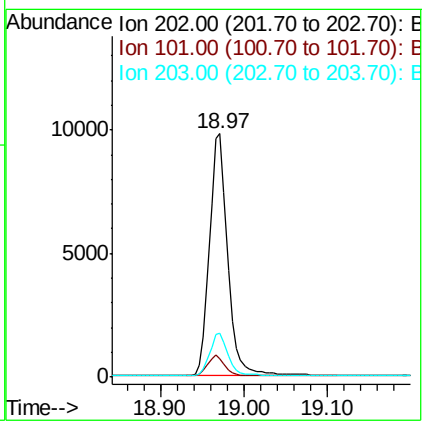


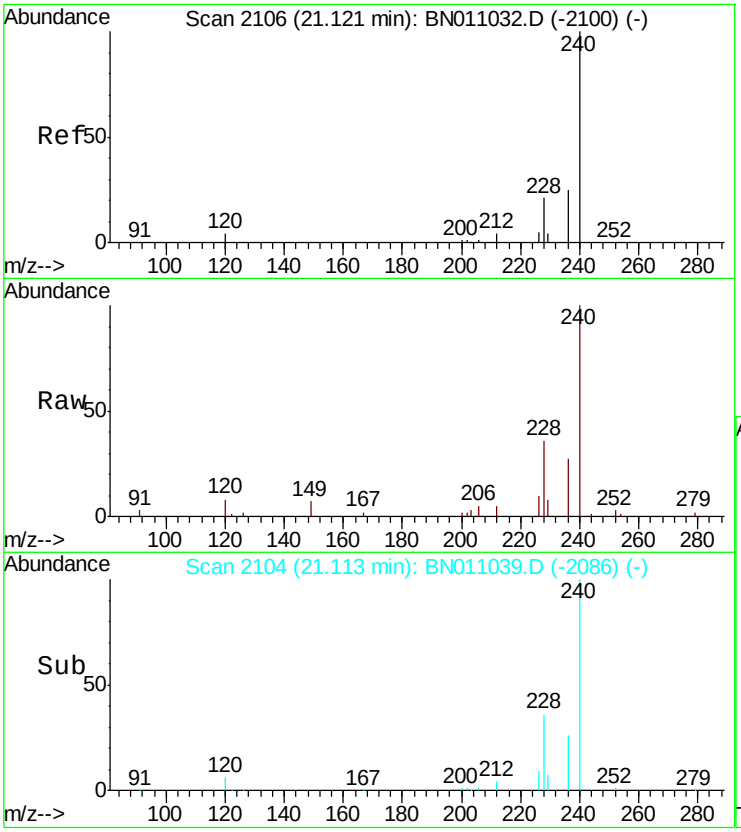


#28
Fluoranthene
Concen: 0.388 ng
RT: 18.97 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:202 Resp: 14873

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.6	10.0
203	16.9	13.8	20.6



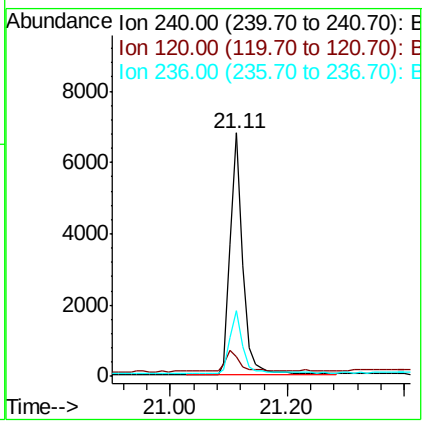


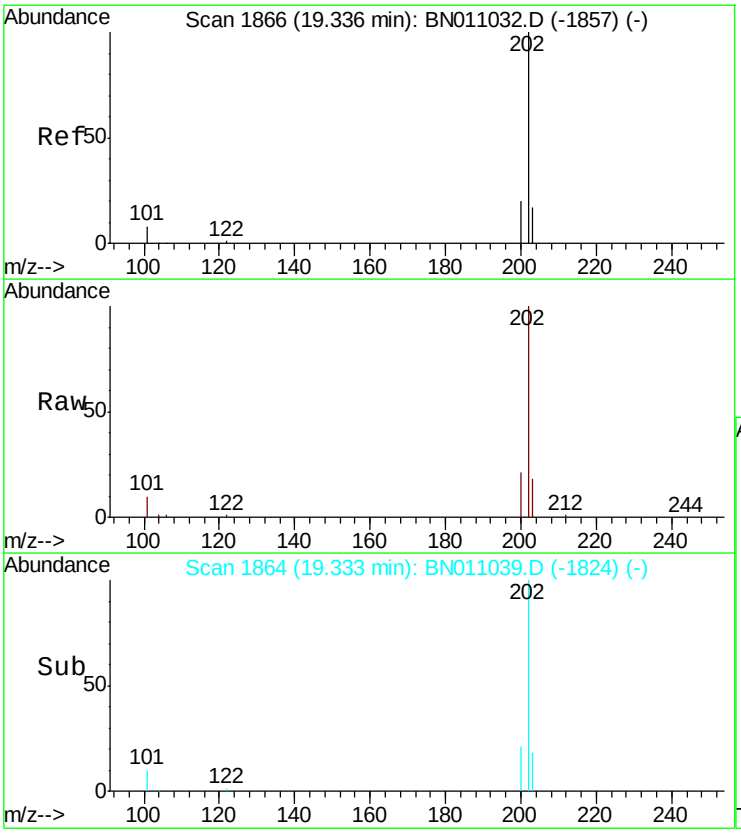
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 9940

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.4	8.0
236	26.9	21.4	32.2

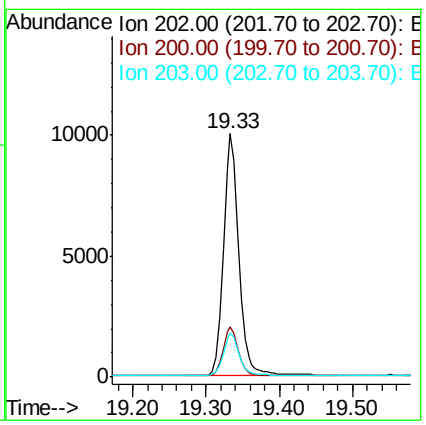


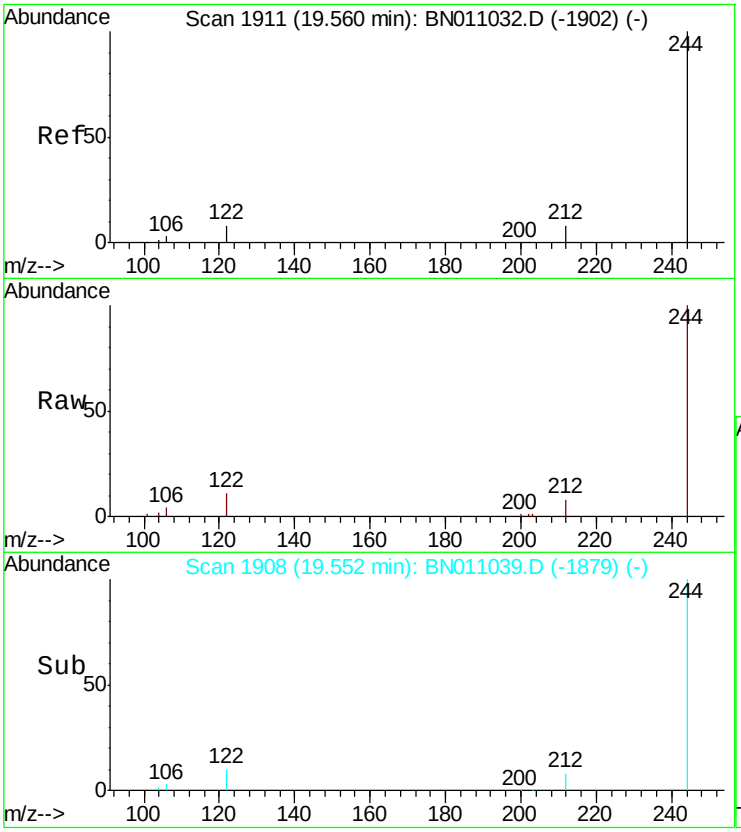


#30
Pyrene
Concen: 0.387 ng
RT: 19.33 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:202 Resp: 14805

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.5	14.2	21.2



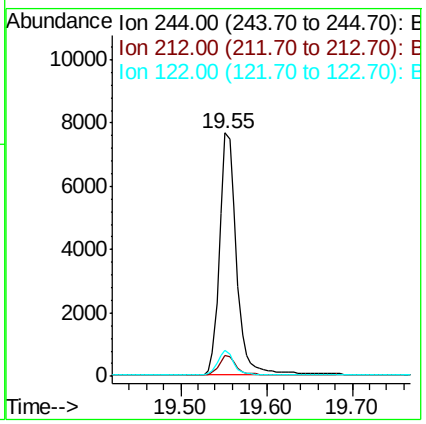


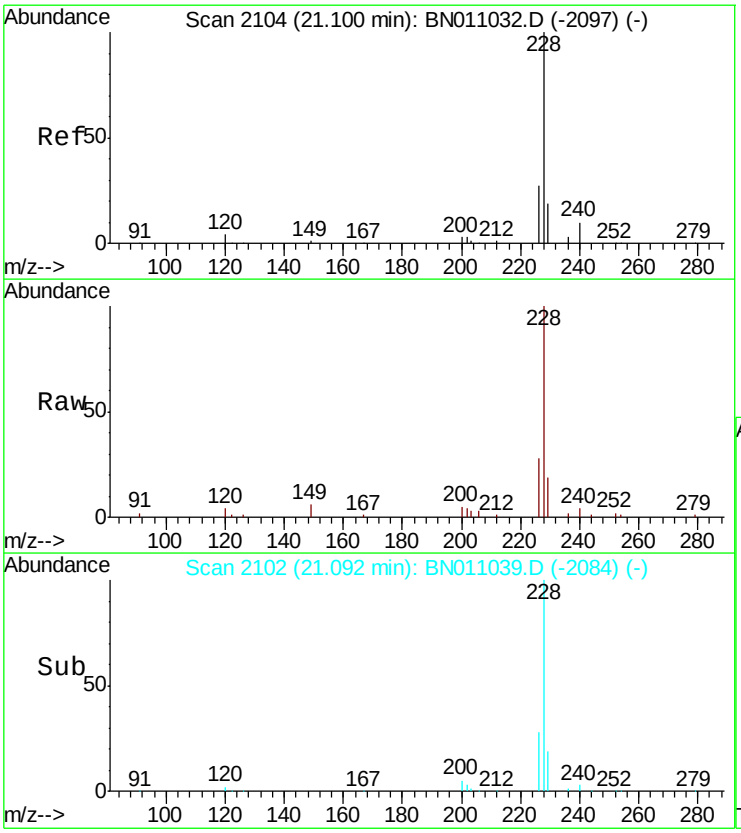
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.55 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 10529

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	10.6	7.4	11.0

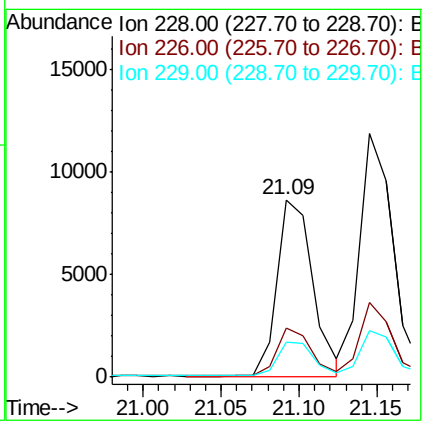


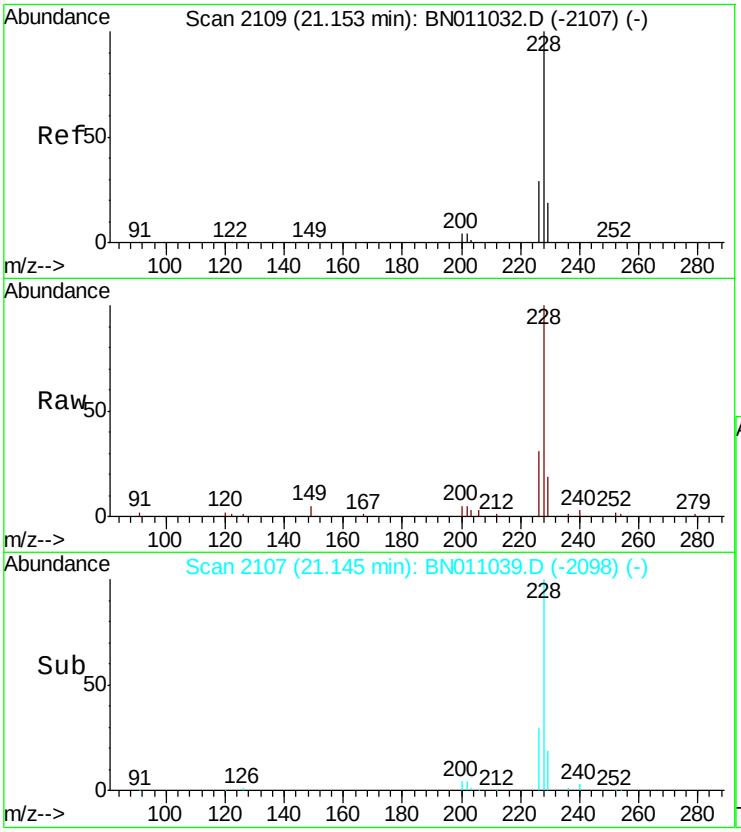


#32
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.09 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:228 Resp: 13672

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	19.4	15.9	23.9



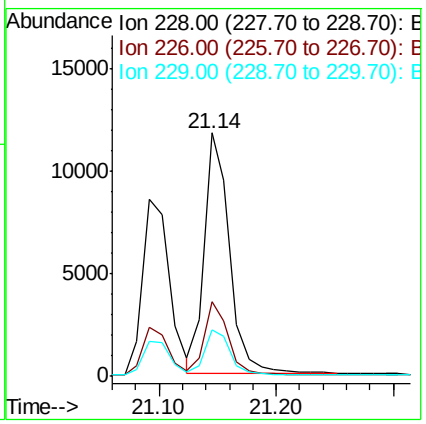


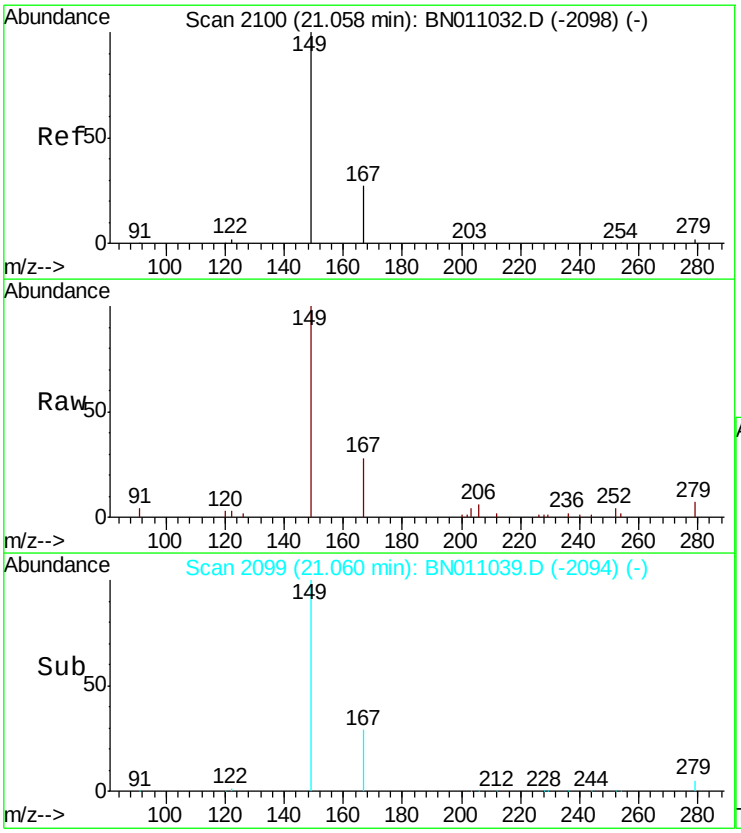
#33
Chrysene
Concen: 0.469 ng
RT: 21.14 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 17611

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	19.3	15.8	23.6

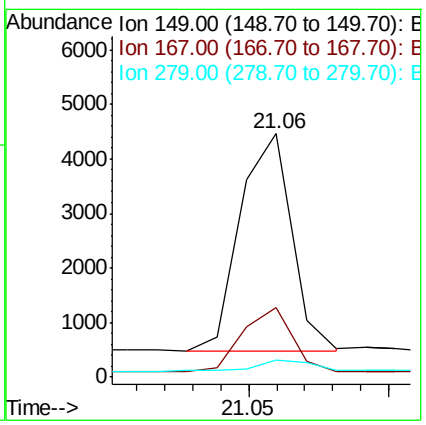


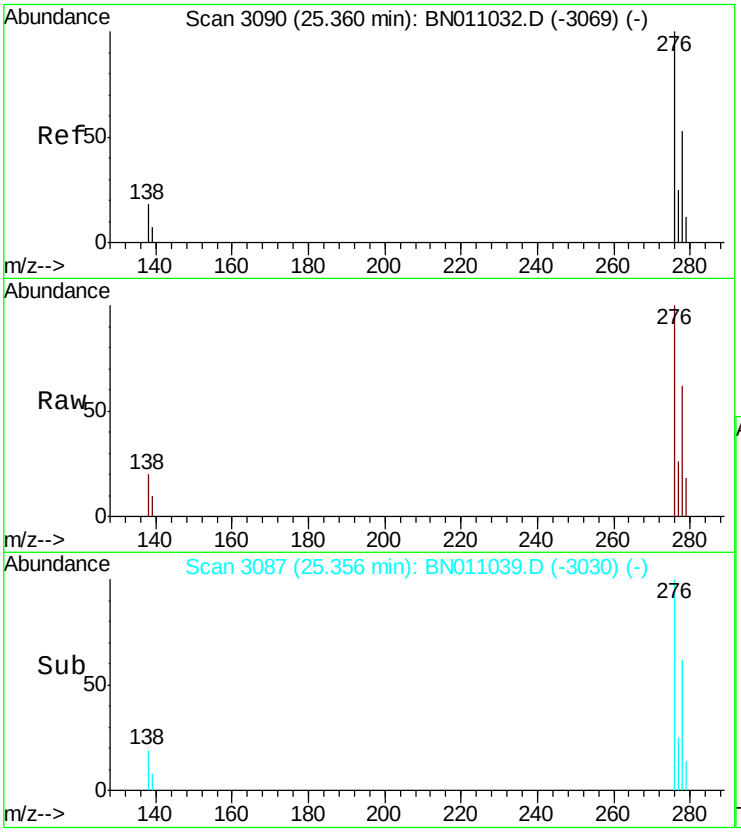


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.06 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:149 Resp: 5135

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	5.8	3.9	5.9



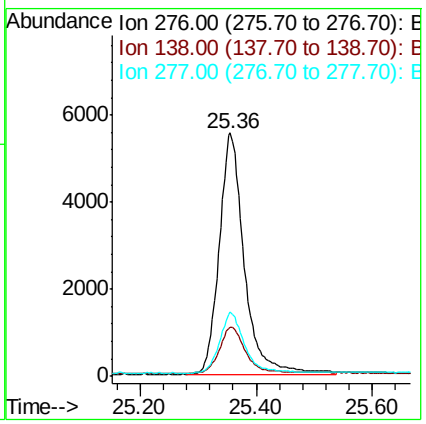


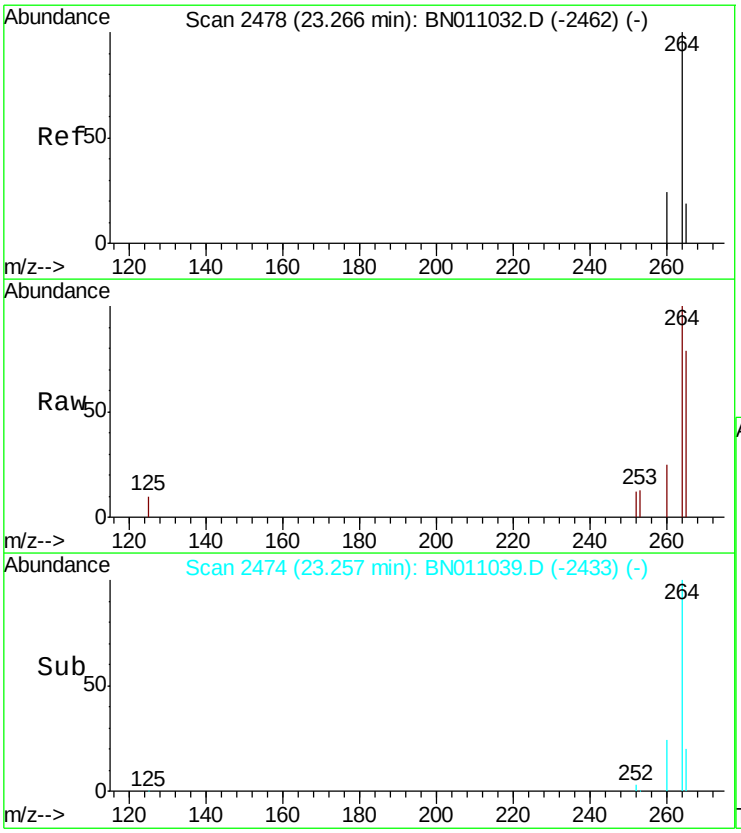
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.36 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 16526

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.2	24.2
277	24.9	19.9	29.9

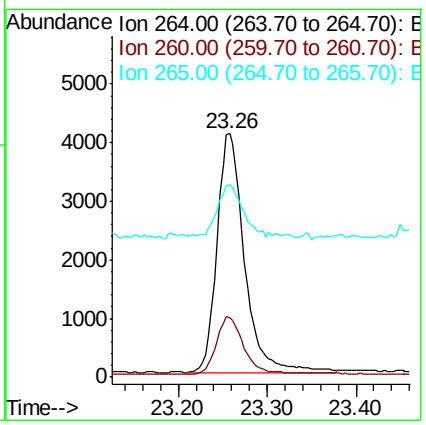


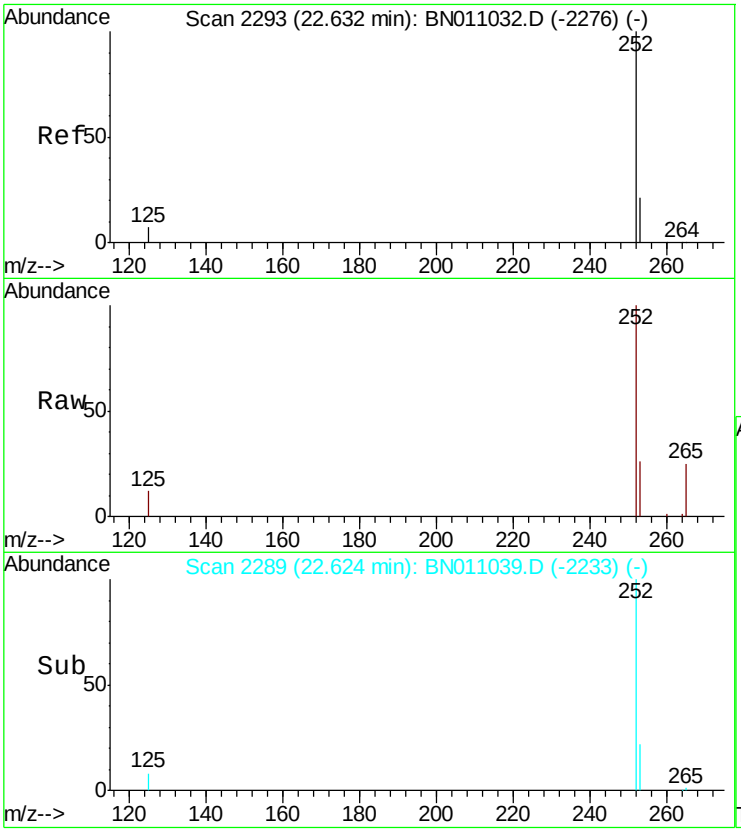


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:264 Resp: 8720

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	78.9	64.9	97.3



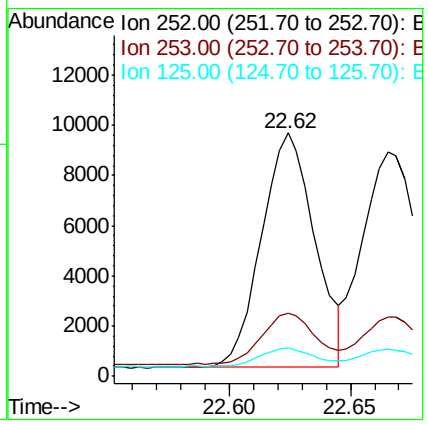


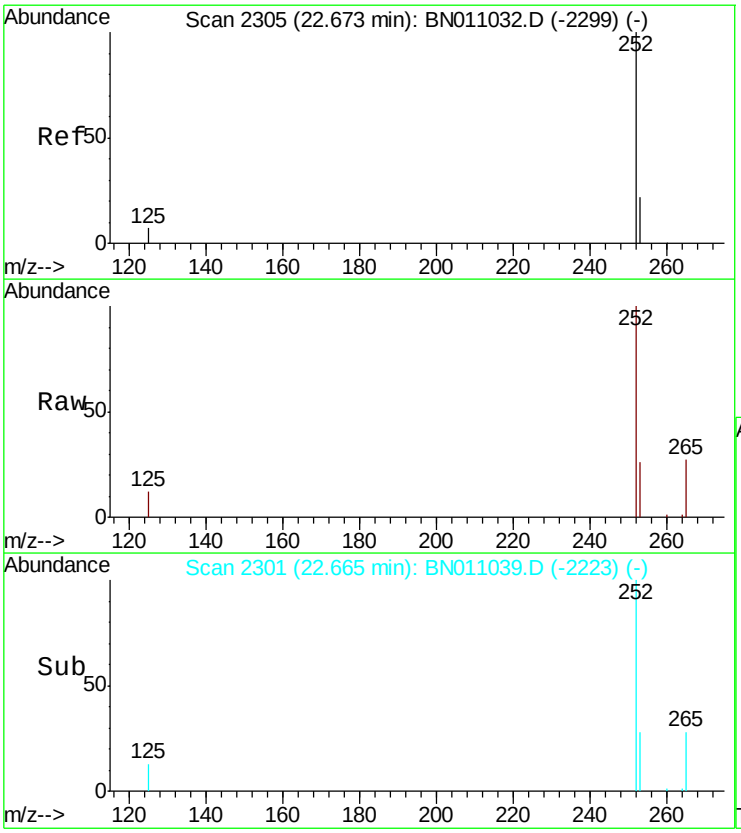
#37
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 22.62 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 14381

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.4	32.0
125	11.7	9.3	13.9

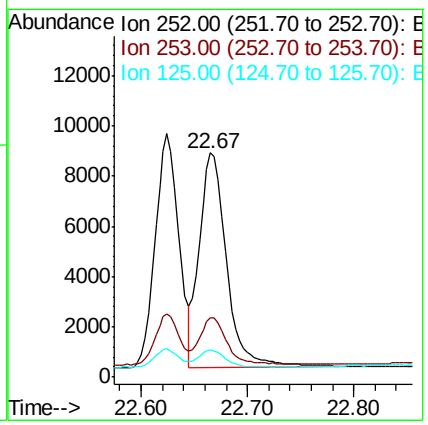


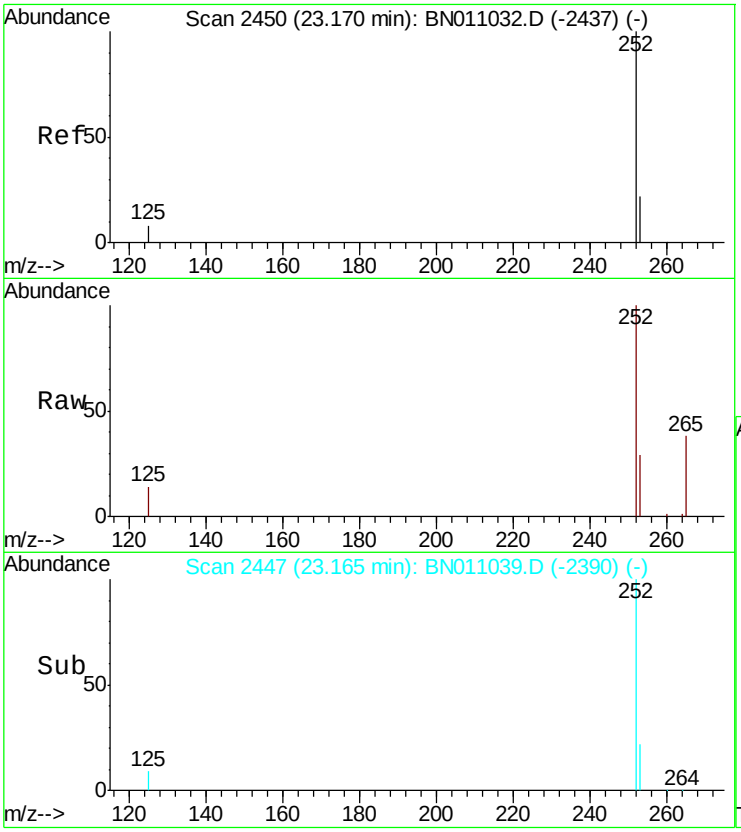


#38
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 22.67 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:252 Resp: 15112

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.8	32.6
125	12.5	9.8	14.6



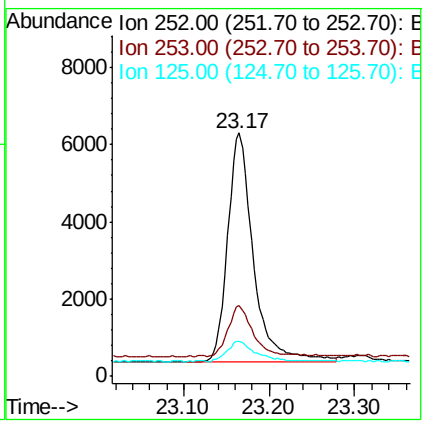


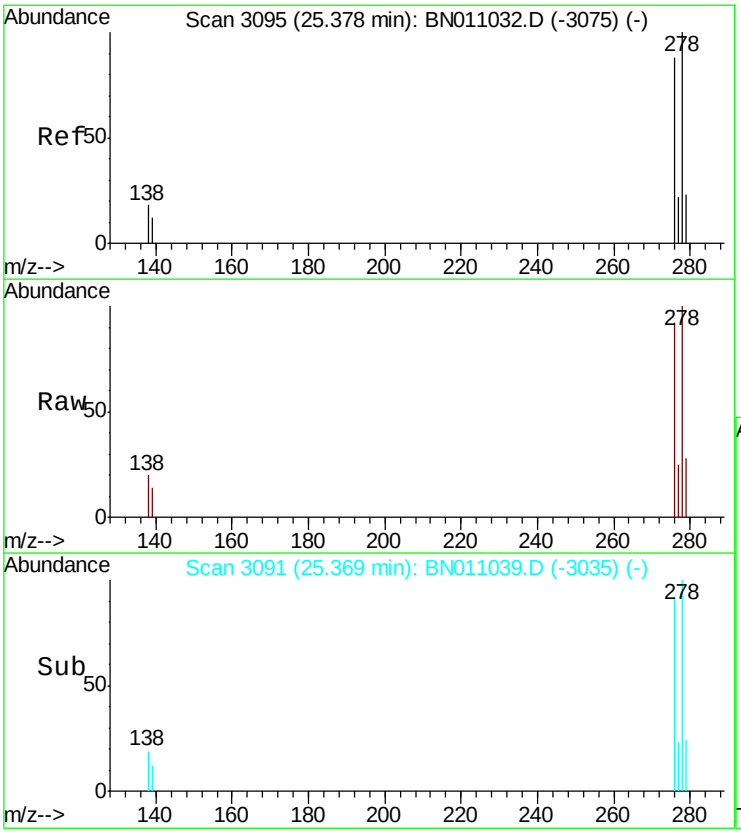
#39
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.17 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 12513

Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.1	34.7
125	14.1	11.2	16.8

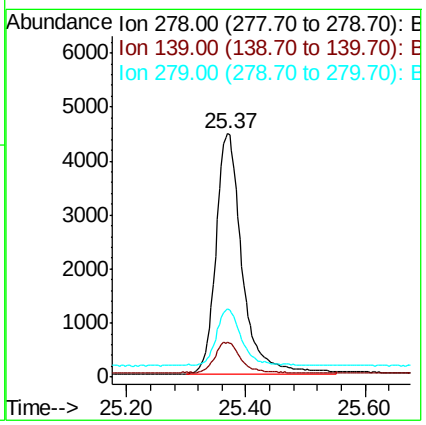


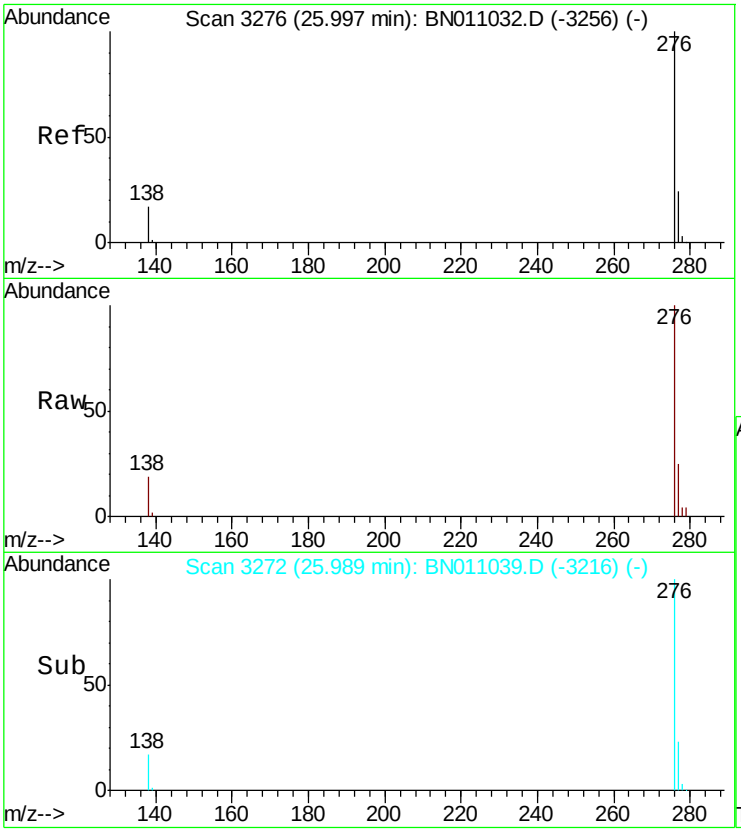


#40
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 25.37 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:278 Resp: 13502

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.2	16.8
279	28.2	22.6	34.0





#41
Benzo(g,h,i)perylene
Concen: 0.419 ng
RT: 25.99 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 14348

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.4	30.6
138	18.6	15.1	22.7