Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011042.D
Acq On : 24 Jun 2020 11:26
Operator : CG/JU
Sample : PB129663BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129663BS

Quant Time: Jun 24 12:40:09 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	2021	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	6878	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	3602	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	7190	0.40	ng		0.00
29) Chrysene-d12	21.11	240	6773	0.40	ng		0.00
36) Perylene-d12	23.25	264	6448	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2283	0.40	ng		0.00
5) Phenol-d6	6.73	99	2757	0.41	ng		0.02
8) Nitrobenzene-d5	8.66	82	2062	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	4675	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	533	0.34	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	6951	0.41	ng		0.00
27) Fluoranthene-d10	18.94	212	8820	0.39	ng		0.00
31) Terphenyl-d14	19.56	244	7423	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1134	0.417	ng		97
3) n-Nitrosodimethylamine	3.57	42	519	0.342	ng	#	86
6) bis(2-Chloroethyl)ether	6.98	93	2142	0.368	ng		94
9) Naphthalene	10.32	128	8186	0.392	ng		99
10) Hexachlorobutadiene	10.61	225	2019	0.401	ng	#	97
12) 2-Methylnaphthalene	11.94	142	5374	0.384	ng		99
16) Acenaphthylene	13.85	152	7376	0.406	ng		100
17) Acenaphthene	14.21	154	4987	0.409	ng		99
18) Fluorene	15.20	166	6274	0.403	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	276	0.229	ng	#	68
21) 4-Bromophenyl-phenylether	16.11	248	1937	0.390	ng	#	75
22) Hexachlorobenzene	16.22	284	2359	0.429	ng		99
23) Atrazine	16.39	200	1124	0.306	ng		96
24) Pentachlorophenol	16.57	266	570	0.328	ng		95
25) Phenanthrene	16.93	178	9631	0.397	ng		100
26) Anthracene	17.03	178	7910	0.393	ng		99
28) Fluoranthene	18.97	202	10579	0.382	ng		100
30) Pyrene	19.33	202	10524	0.404	ng		99
32) Benzo(a)anthracene	21.09	228	9073	0.387	ng		99
33) Chrysene	21.14	228	10555	0.413	ng		99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3086	0.327	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	11763	0.413	ng		100
37) Benzo(b)fluoranthene	22.62	252	10336	0.405	ng		99
38) Benzo(k)fluoranthene	22.67	252	10725	0.404	ng		99
39) Benzo(a)pyrene	23.16	252	8994	0.397	ng		96
40) Dibenzo(a,h)anthracene	25.37	278	9496	0.389	ng		99
41) Benzo(g,h,i)perylene	25.99	276	10168	0.402	ng		99

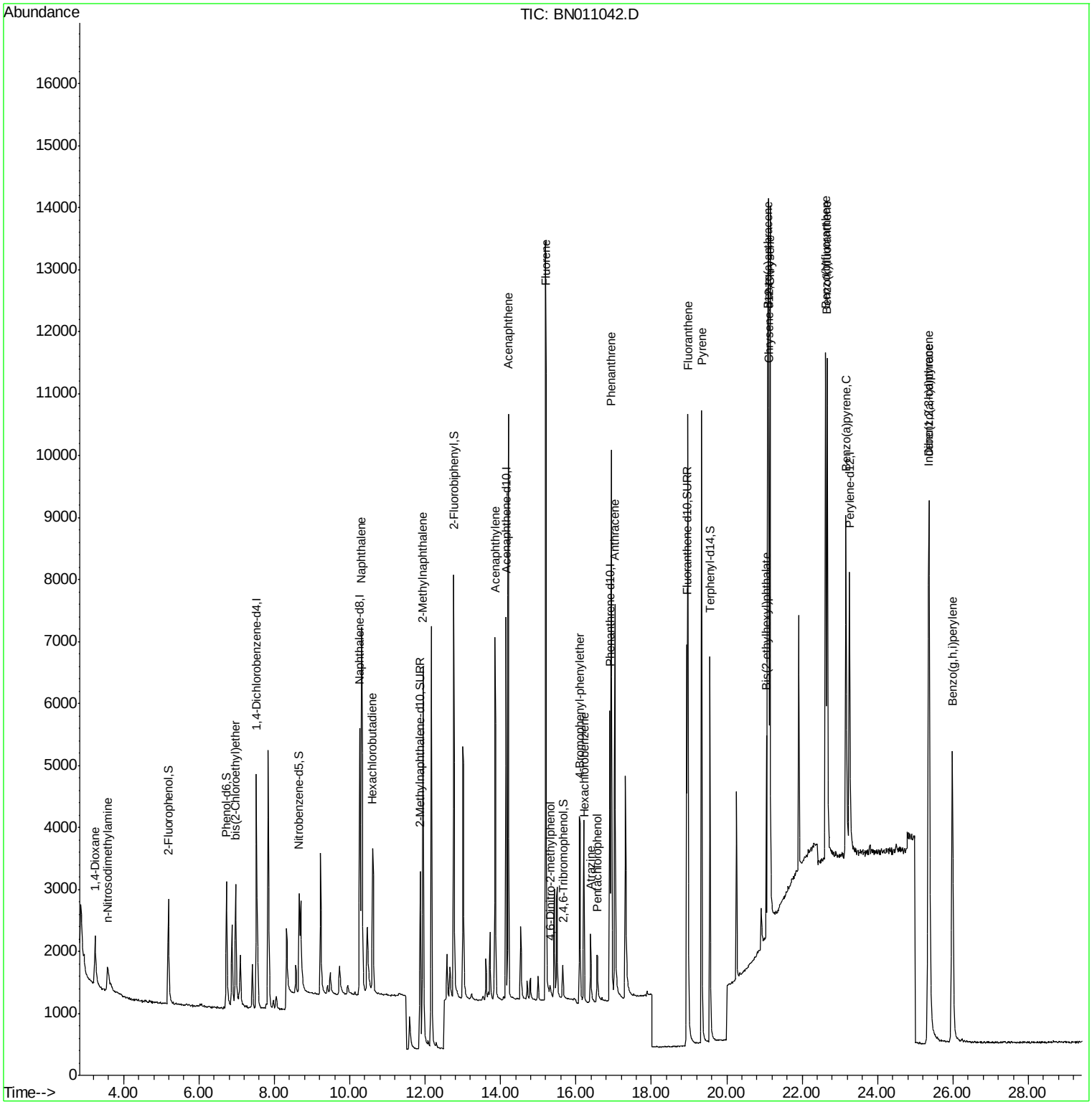
(#) = qualifier out of range (m) = manual integration (+) = signals summed

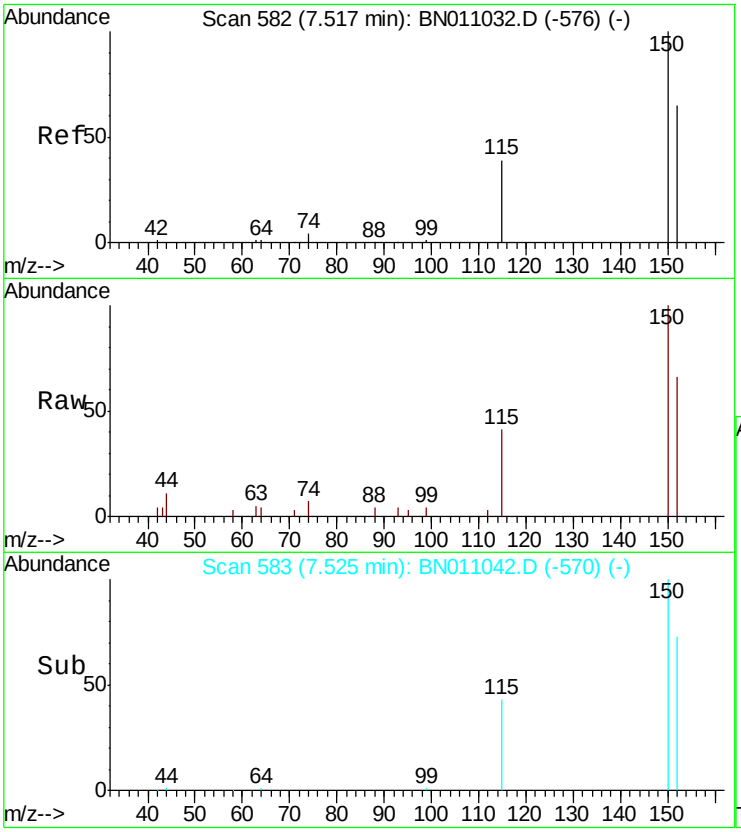
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011042.D
Acq On : 24 Jun 2020 11:26
Operator : CG/JU
Sample : PB129663BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Quant Time: Jun 24 12:40:09 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



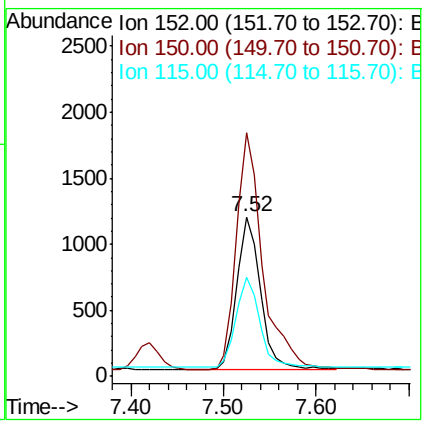


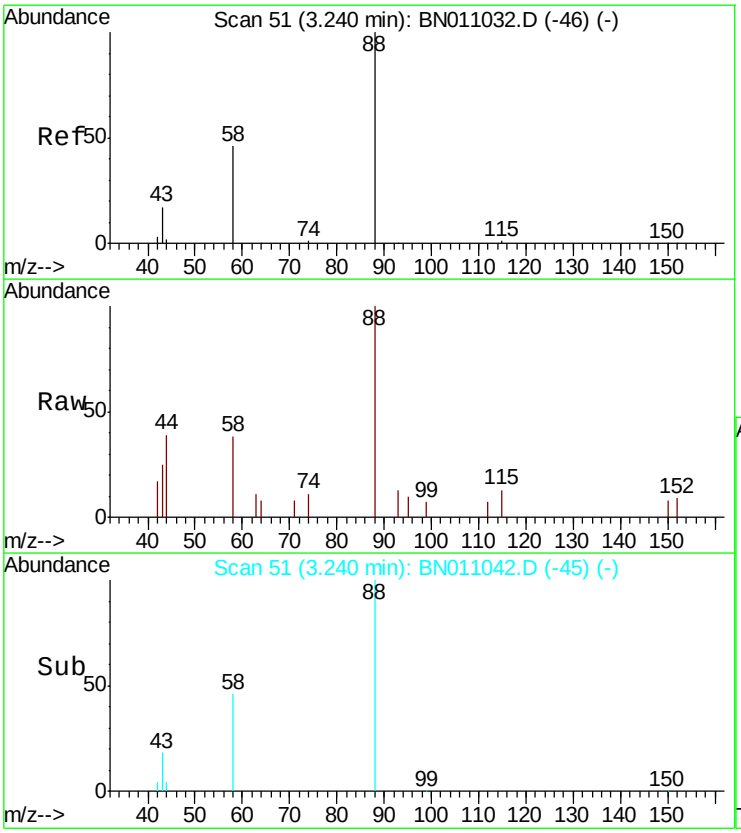
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:152 Resp: 2021

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.8	182.8
115	62.0	50.2	75.2

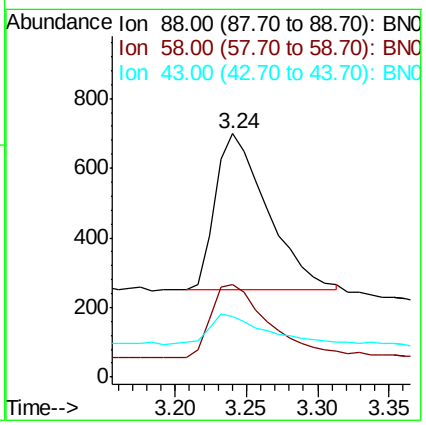


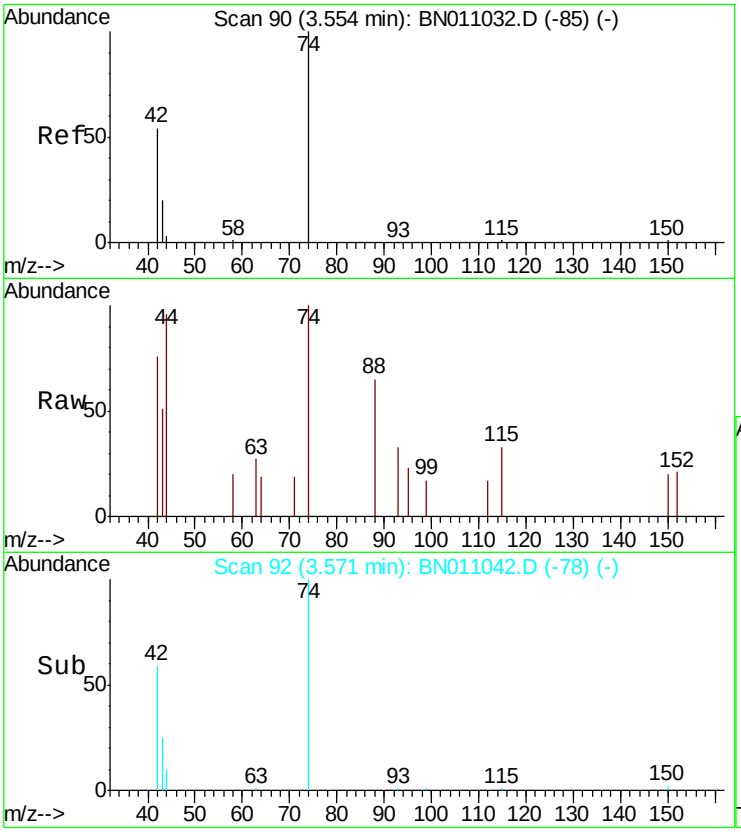


#2
1,4-Dioxane
Concen: 0.417 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion: 88 Resp: 1134

Ion	Ratio	Lower	Upper
88	100		
58	50.8	38.4	57.6
43	17.0	14.2	21.4



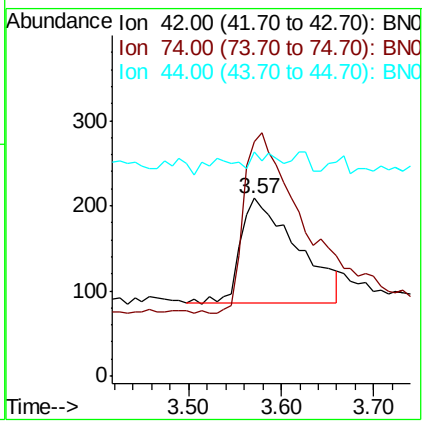


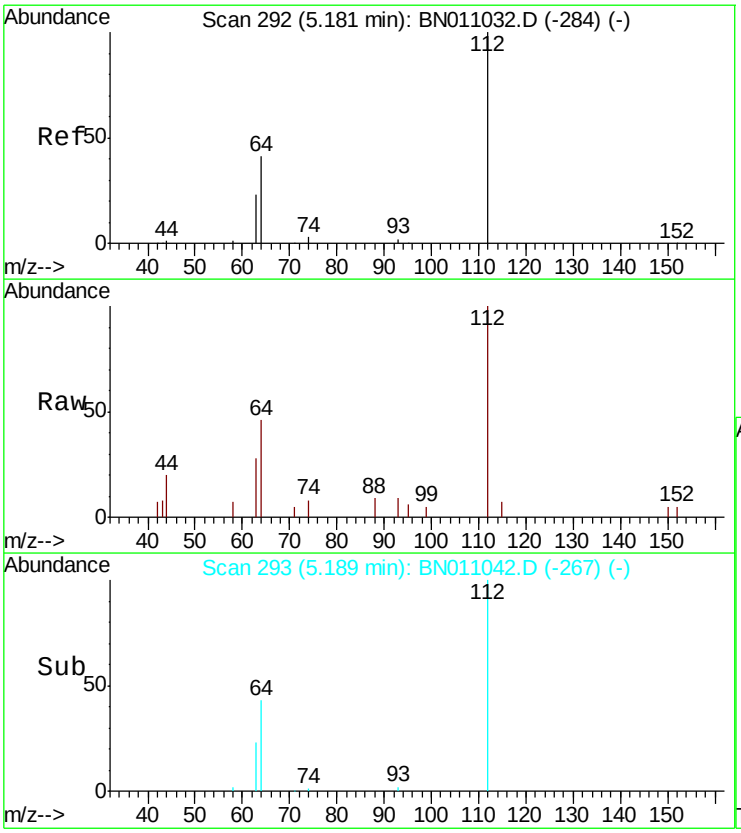
#3
n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.02 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion: 42 Resp: 519

Ion	Ratio	Lower	Upper
42	100		
74	172.6	154.8	232.2
44	7.9	4.8	7.2#

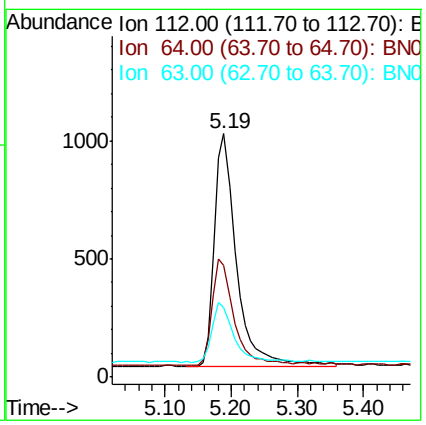


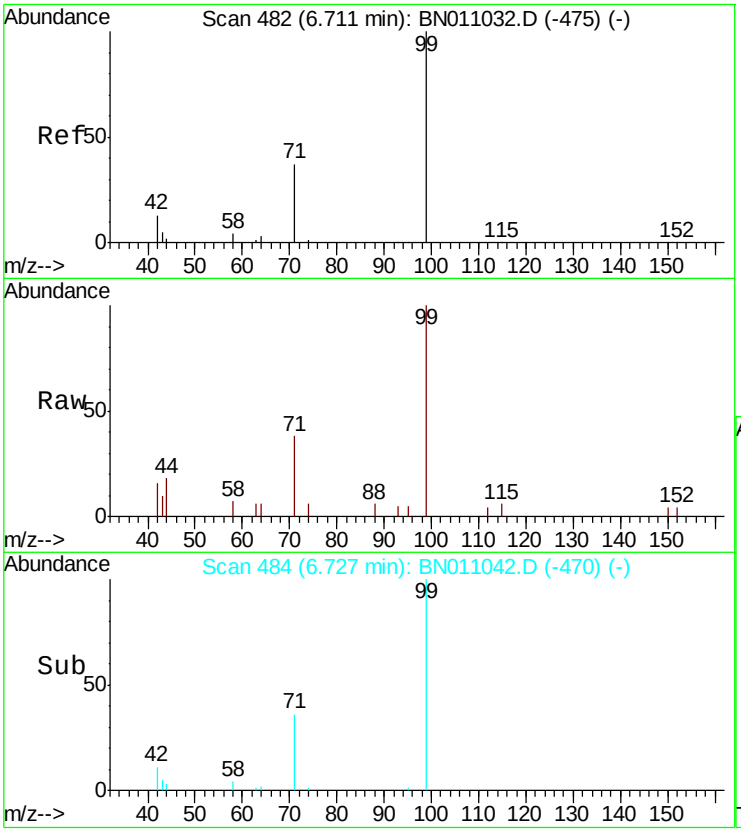


#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:112 Resp: 2283

Ion	Ratio	Lower	Upper
112	100		
64	45.5	37.3	55.9
63	25.5	20.4	30.6



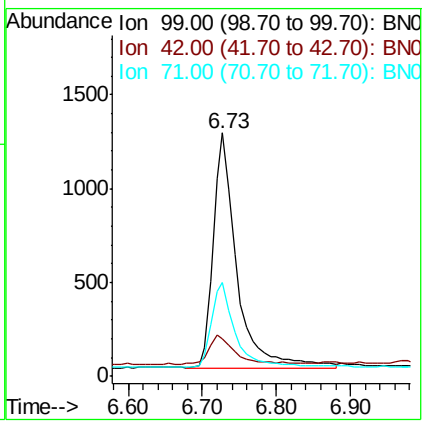


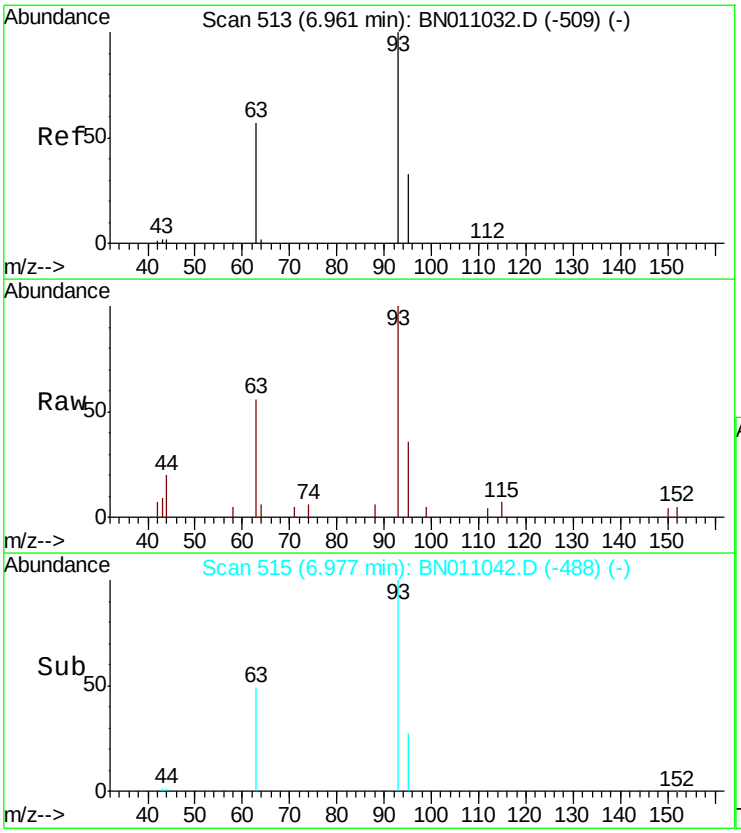
#5
Phenol-d6
Concen: 0.409 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.02 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion: 99 Resp: 2757

Ion	Ratio	Lower	Upper
99	100		
42	14.5	10.6	16.0
71	35.7	28.7	43.1

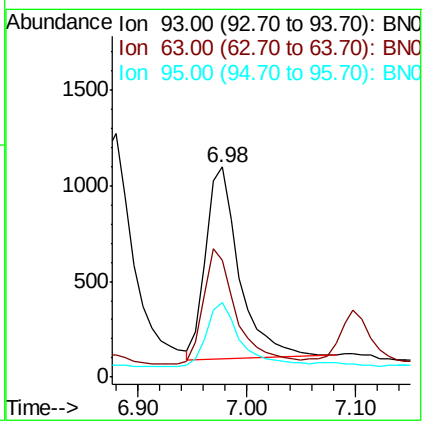


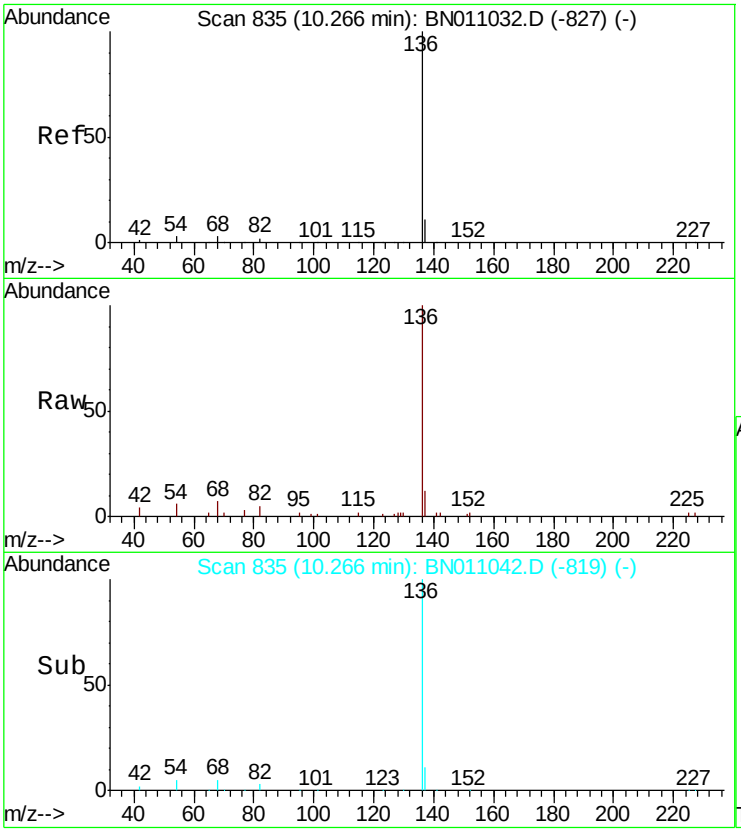


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 6.98 min Scan# 515
Delta R.T. 0.02 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion: 93 Resp: 2142

Ion	Ratio	Lower	Upper
93	100		
63	59.7	43.7	65.5
95	34.5	25.3	37.9



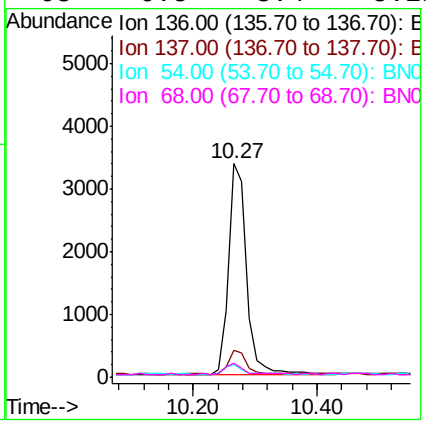


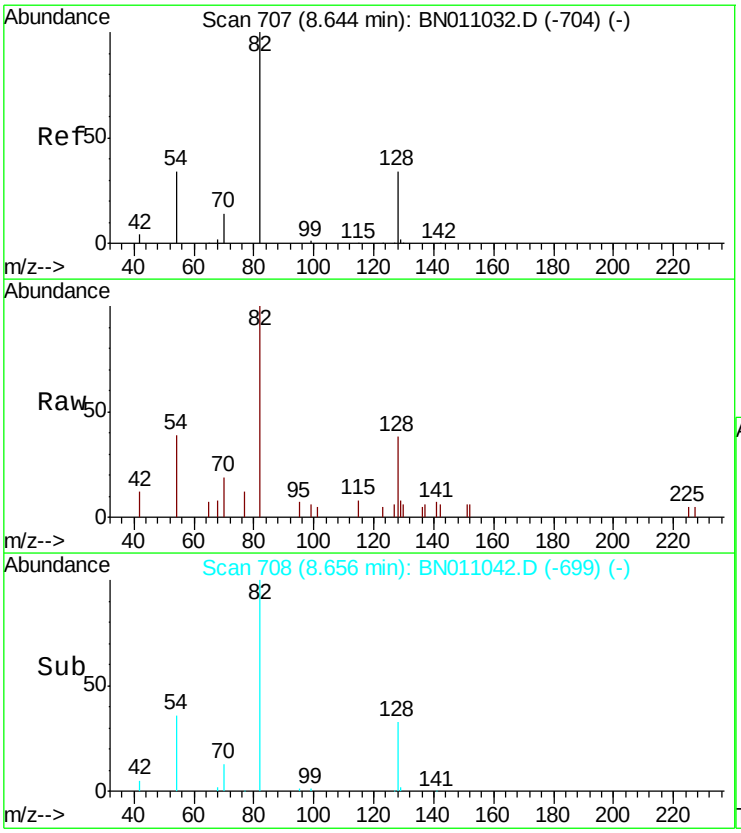
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:136 Resp: 6878

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	6.2	3.0	4.4#
68	6.5	3.4	5.2#

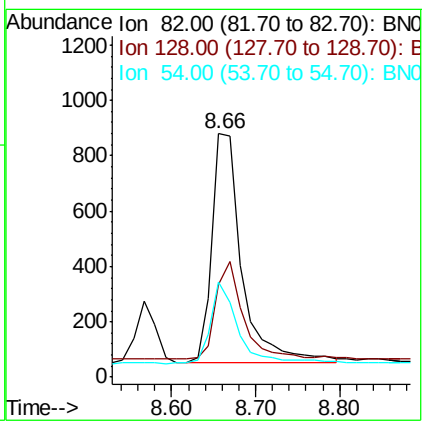


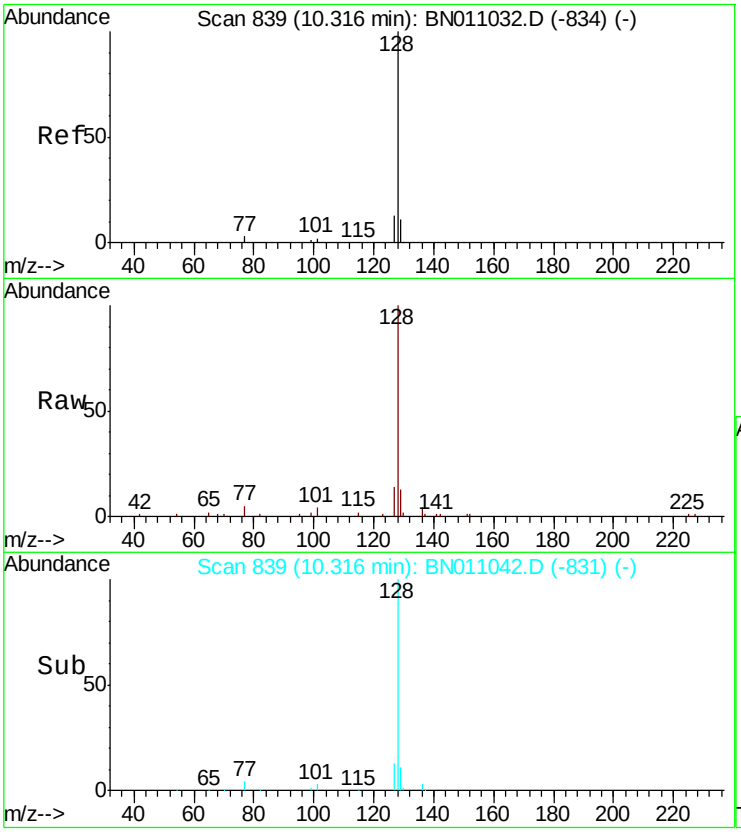


#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion: 82 Resp: 2062

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	38.9	28.8	43.2



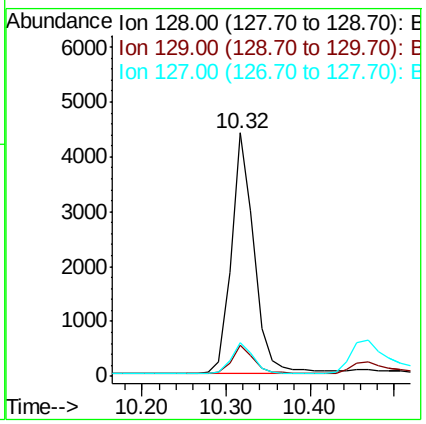


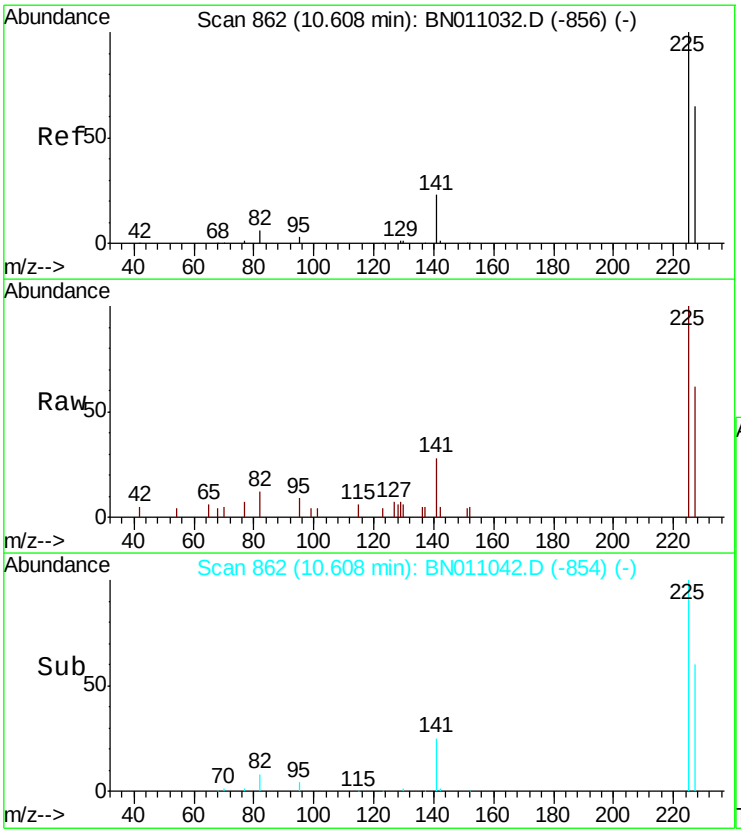
#9
Naphthalene
Concen: 0.392 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:128 Resp: 8186

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	14.1	10.9	16.3

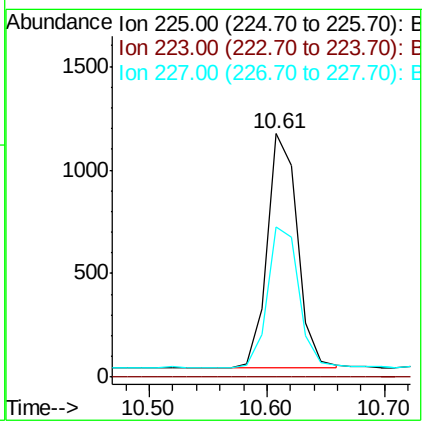


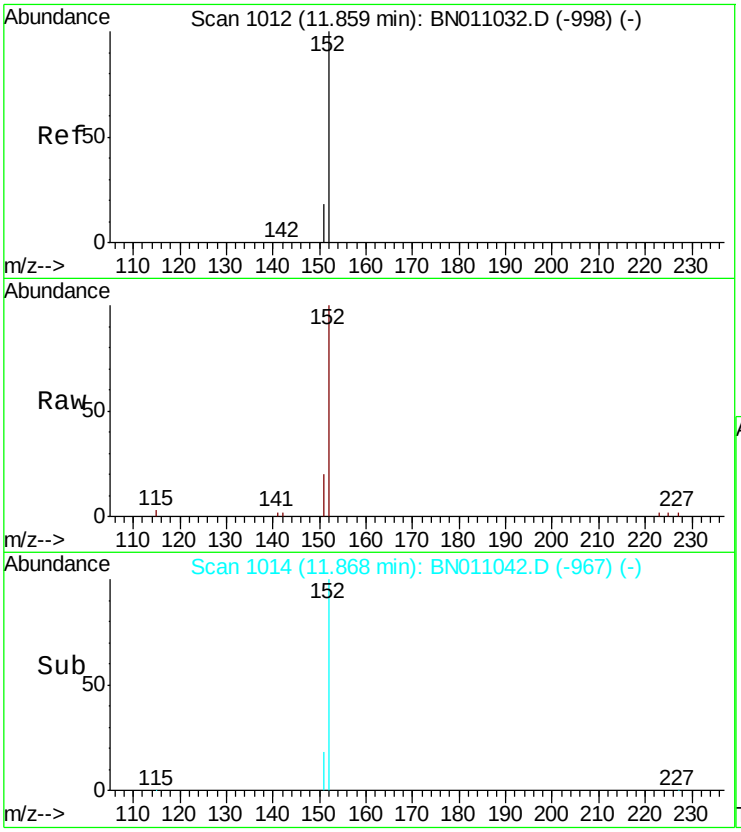


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.61 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:225 Resp: 2019

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.5	51.7	77.5



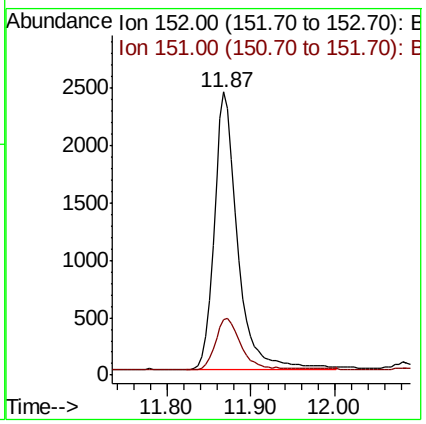


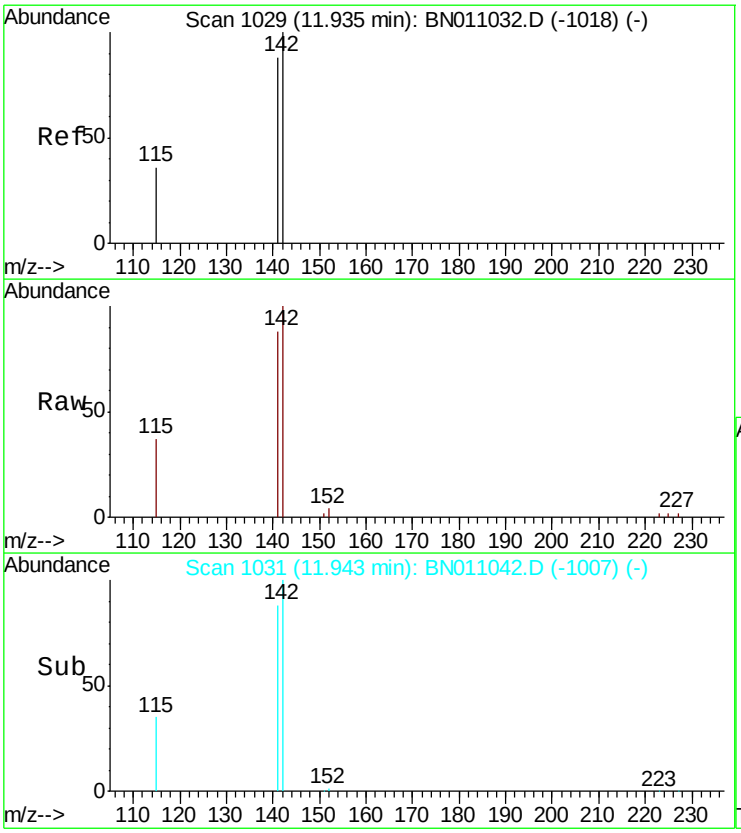
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.87 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:152 Resp: 4675

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

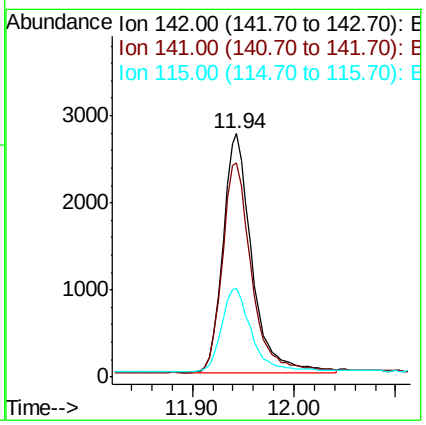


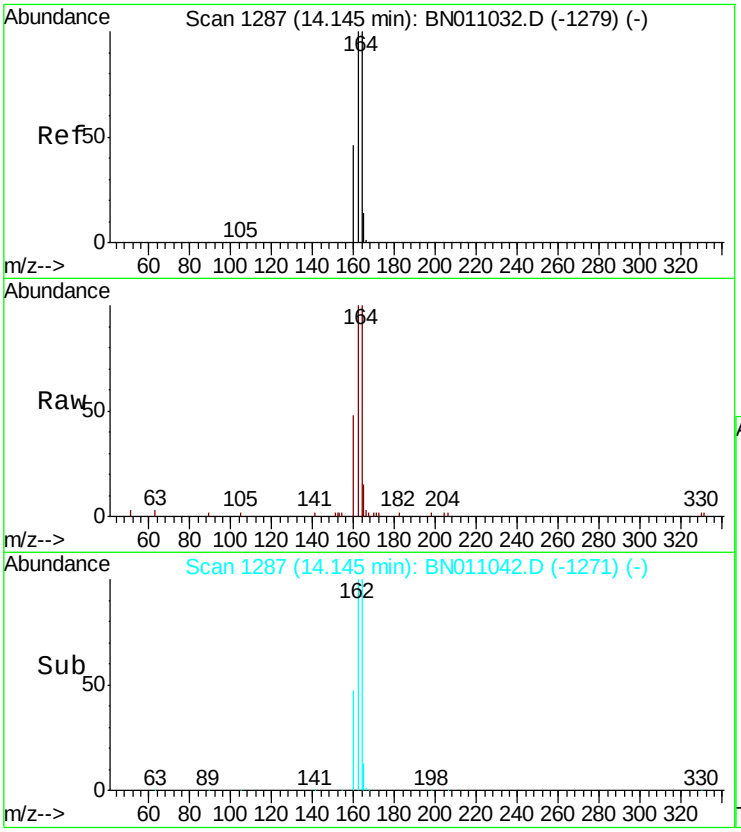


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 11.94 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:142 Resp: 5374

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	106.0
115	36.6	30.2	45.2



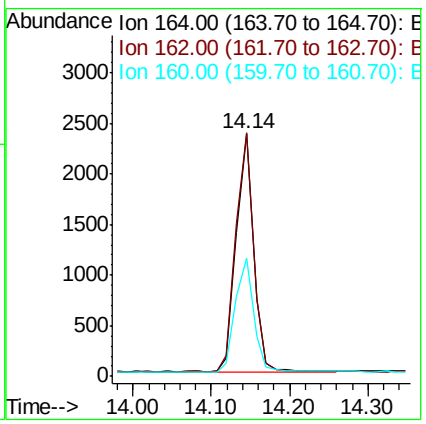


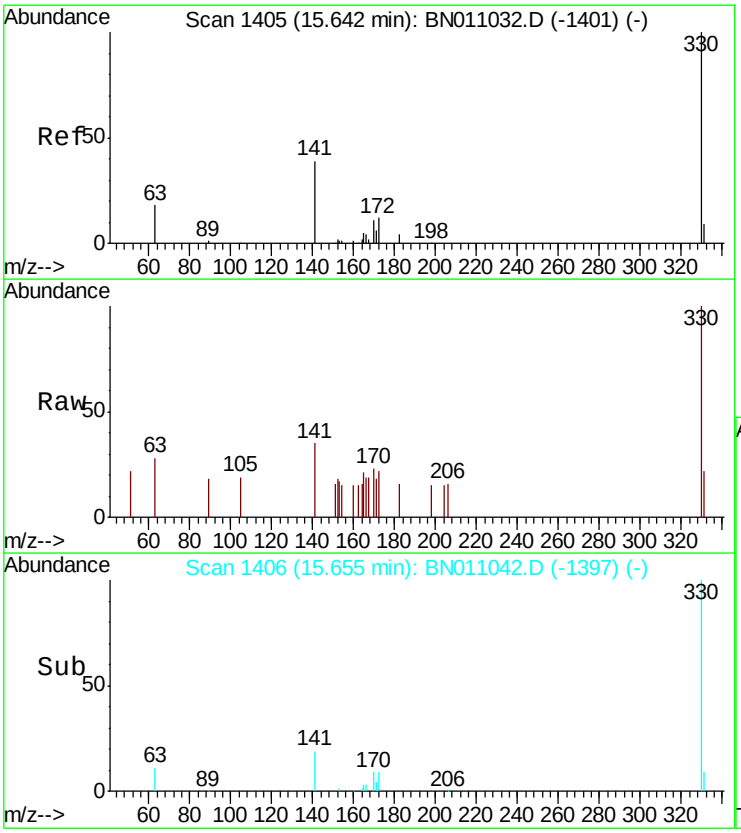
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:164 Resp: 3602

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	48.5	37.7	56.5

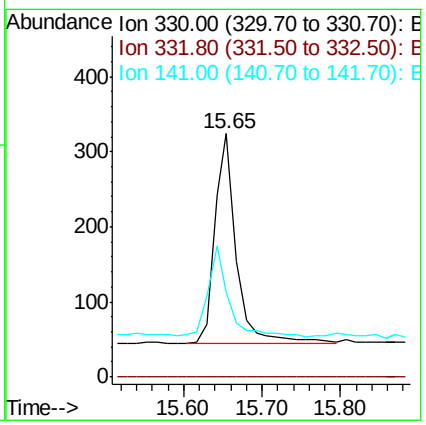


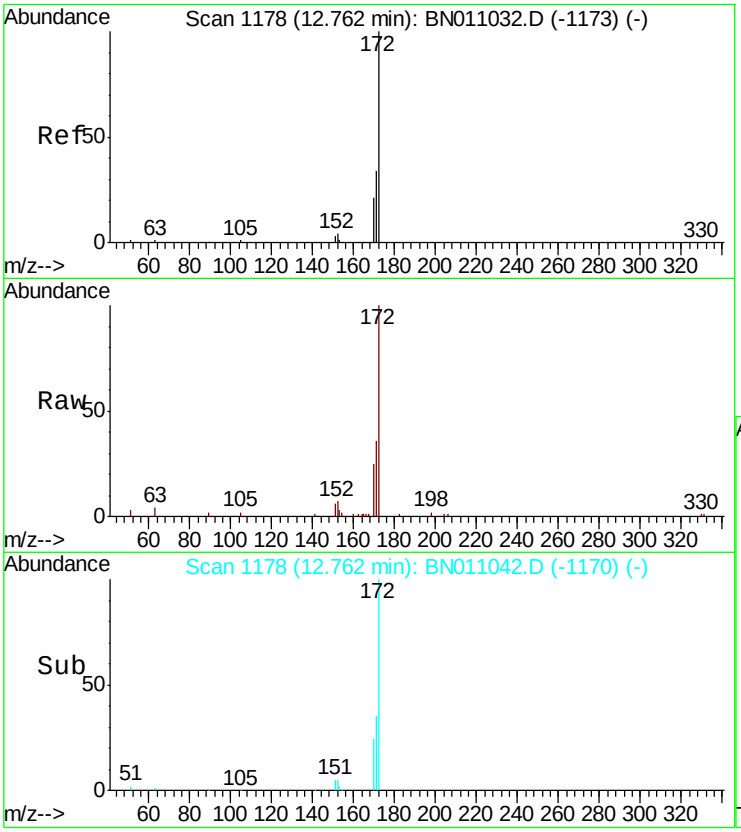


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.65 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:330 Resp: 533

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.7	34.5	51.7



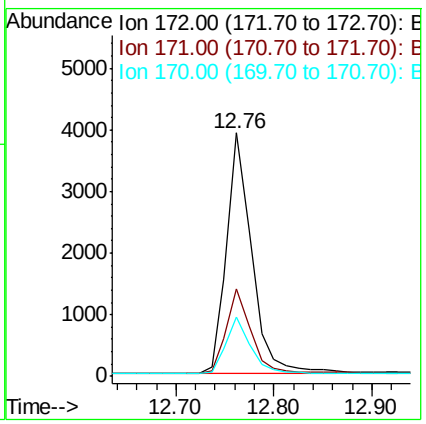


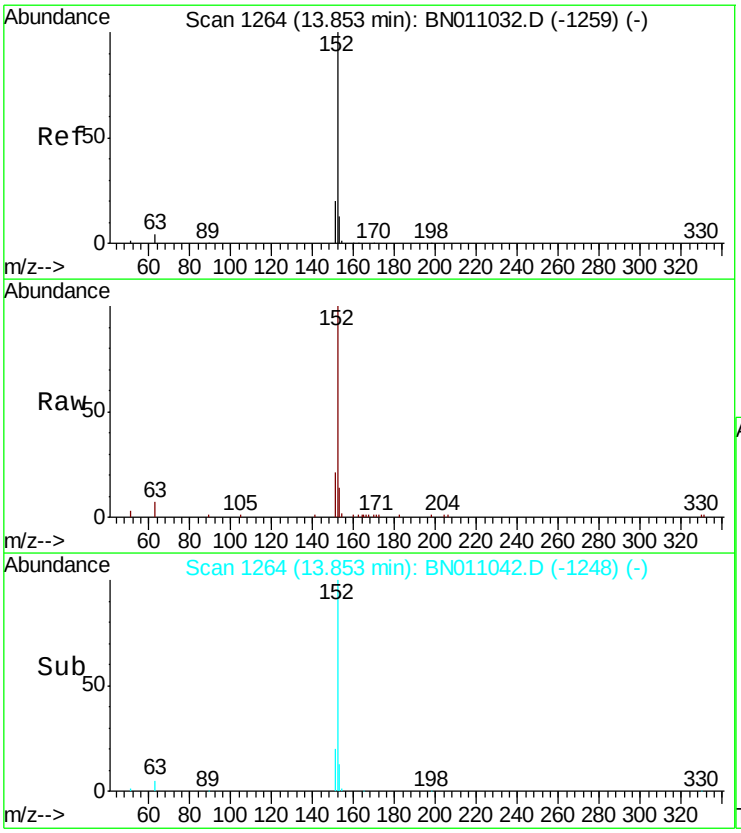
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:172 Resp: 6951

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.4	41.2
170	24.6	17.5	26.3

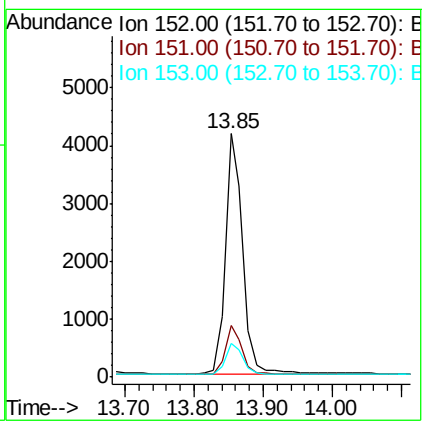


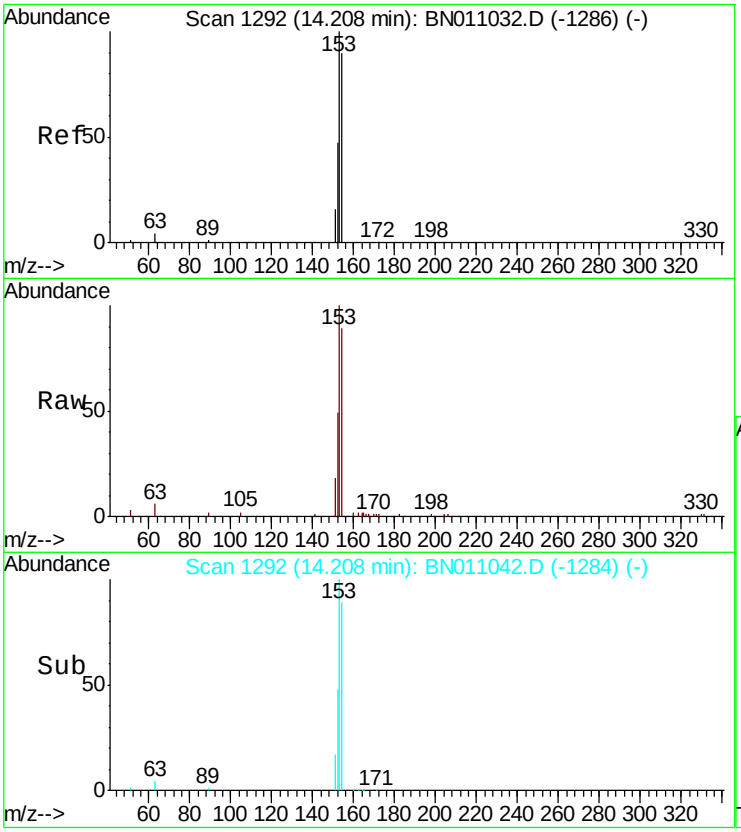


#16
Acenaphthylene
Concen: 0.406 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:152 Resp: 7376

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.2	15.2



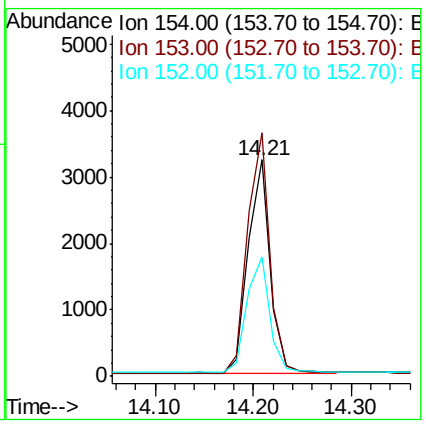


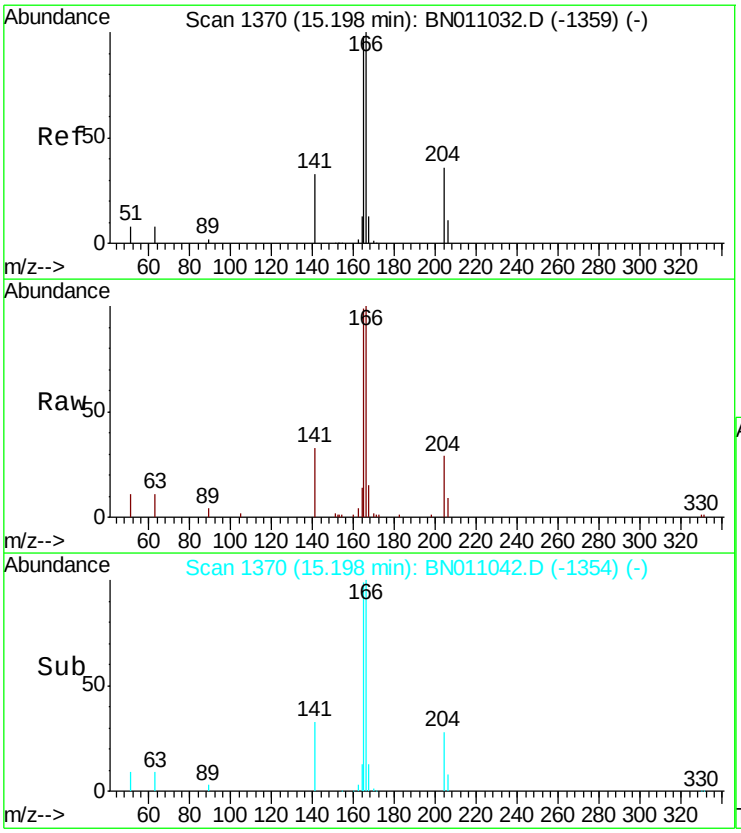
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.21 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:154 Resp: 4987

Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.3	138.5
152	58.1	45.5	68.3

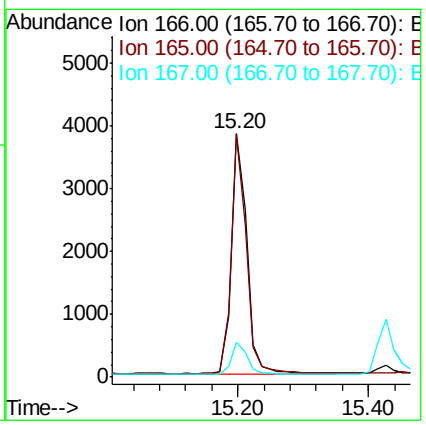


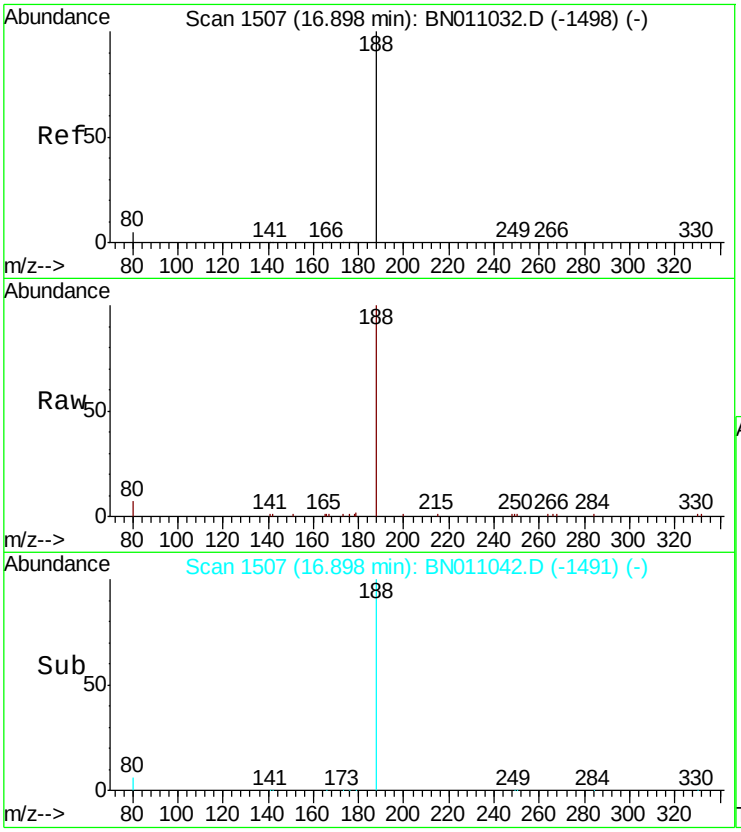


#18
Fluorene
Concen: 0.403 ng
RT: 15.20 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:166 Resp: 6274

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.8	116.8
167	13.3	10.8	16.2



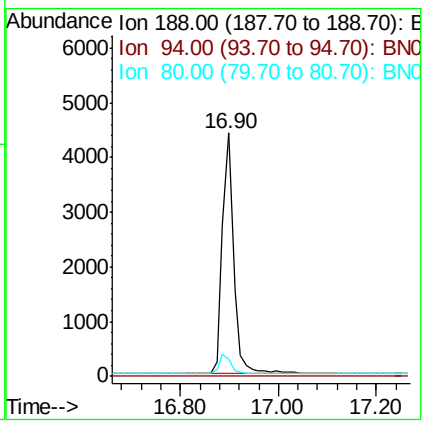


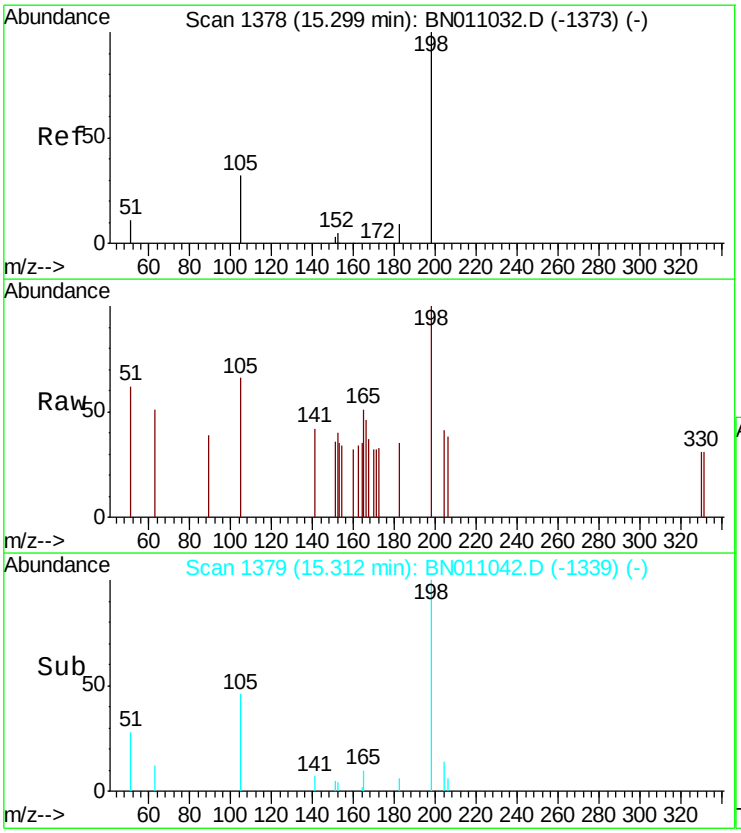
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:188 Resp: 7190

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	4.6	7.0#

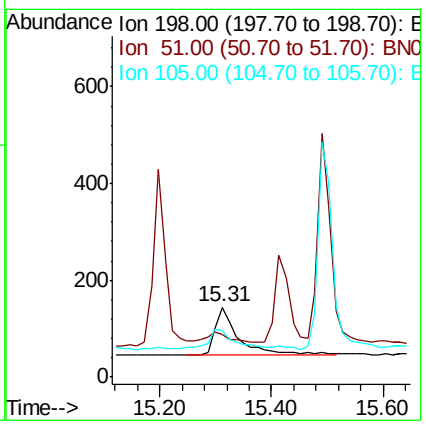


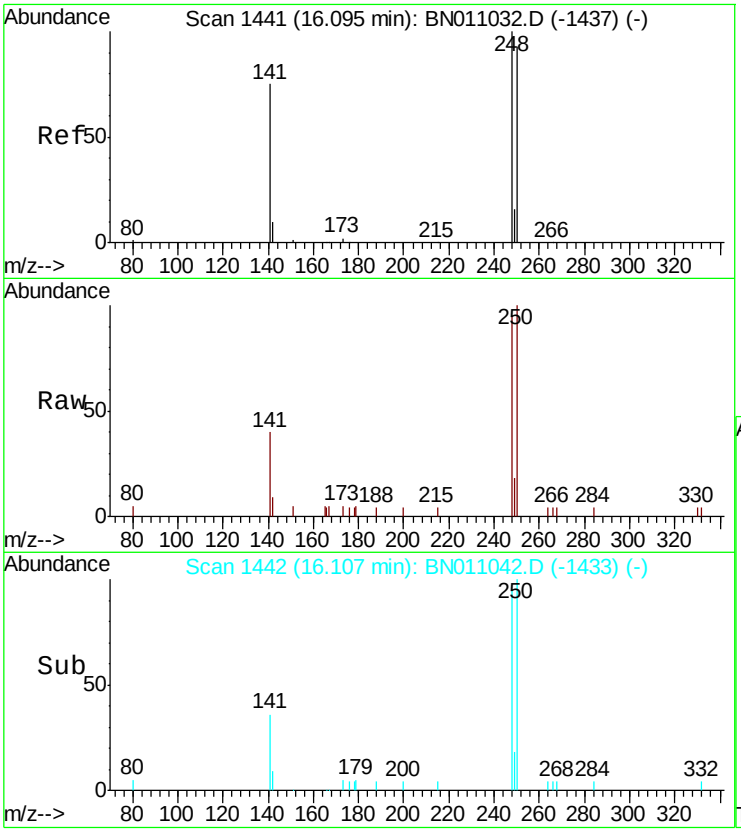


#20
4,6-Dinitro-2-methylphenol
Concen: 0.229 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:198 Resp: 276

Ion	Ratio	Lower	Upper
198	100		
51	61.8	29.5	44.3#
105	66.0	39.2	58.8#



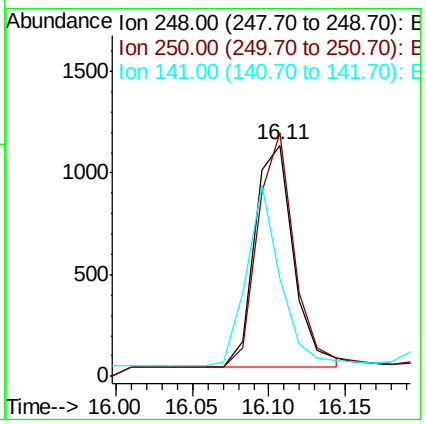


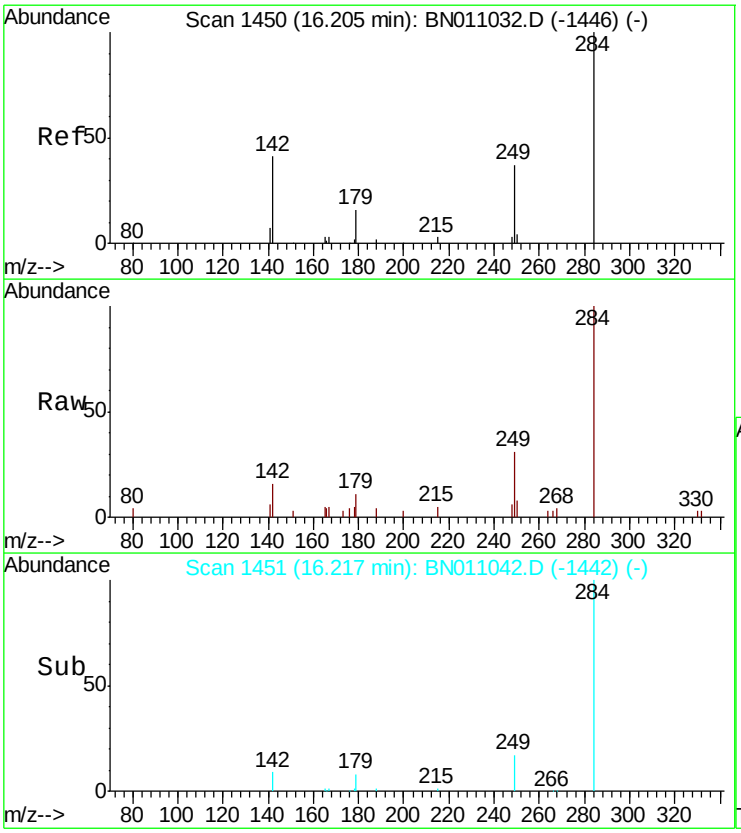
#21
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:248 Resp: 1937

Ion	Ratio	Lower	Upper
248	100		
250	105.3	74.6	111.8
141	42.3	60.9	91.3#

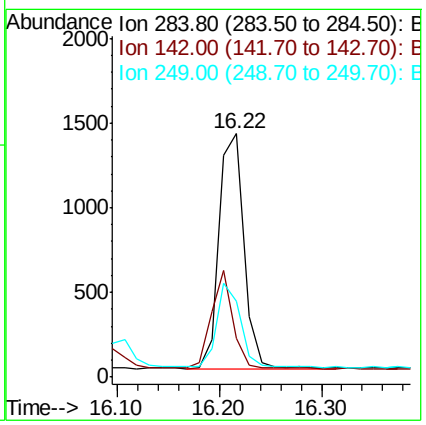


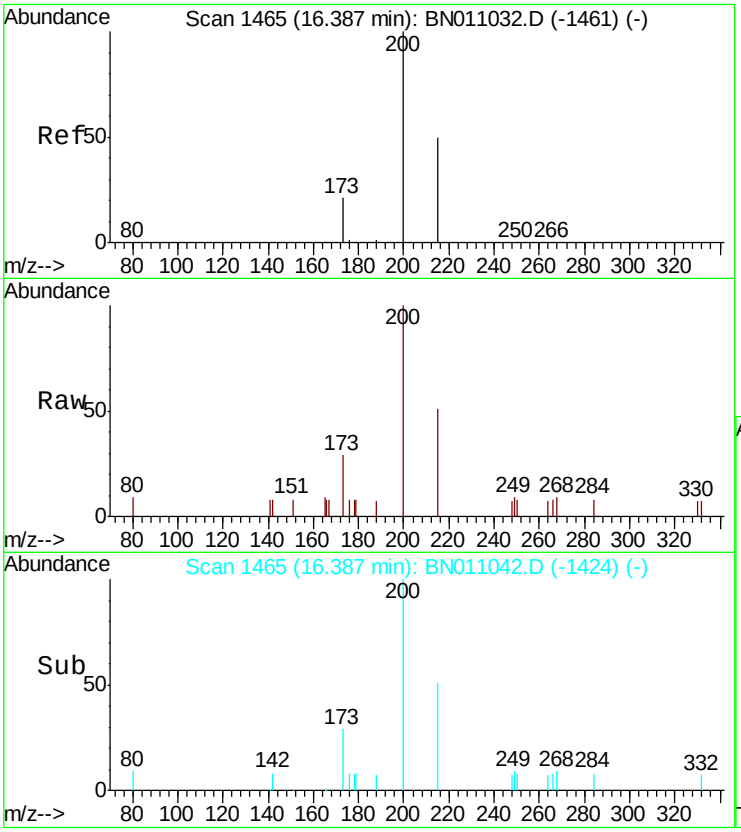


#22
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:284 Resp: 2359

Ion	Ratio	Lower	Upper
284	100		
142	37.3	30.4	45.6
249	33.9	27.0	40.4



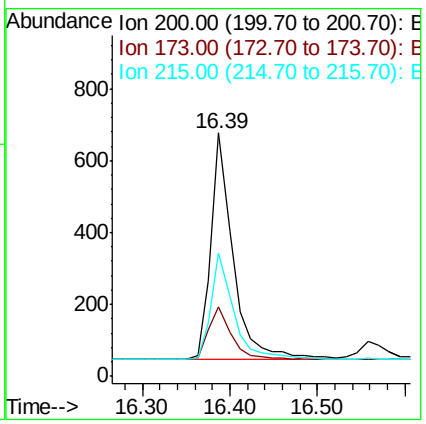


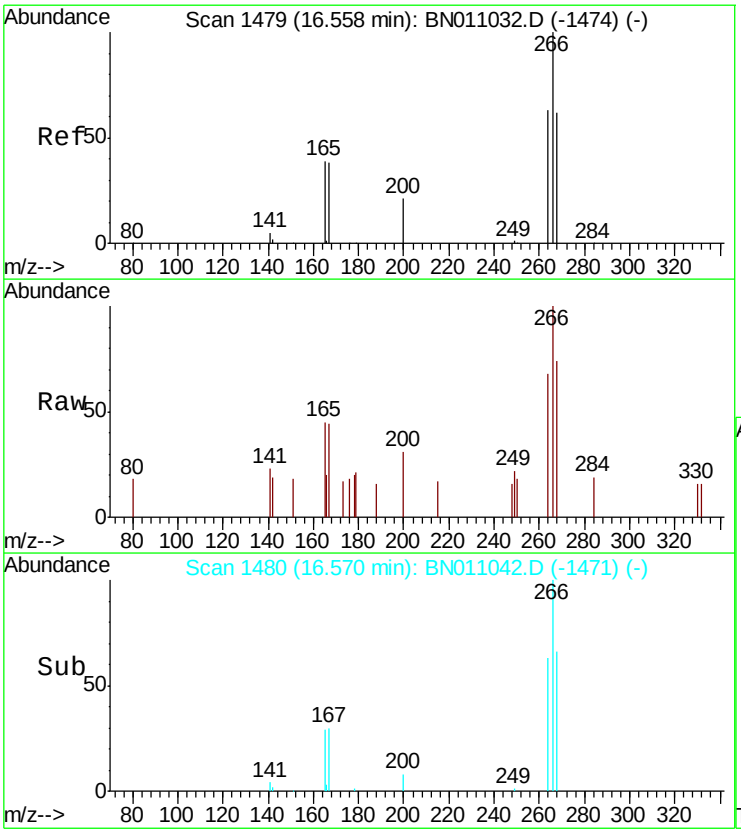
#23
Atrazine
Concen: 0.306 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:200 Resp: 1124

Ion	Ratio	Lower	Upper
200	100		
173	28.8	19.4	29.2
215	50.8	41.5	62.3

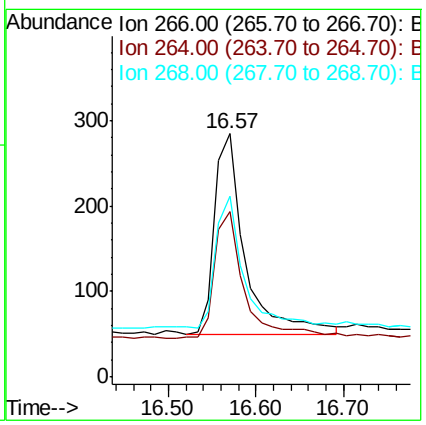


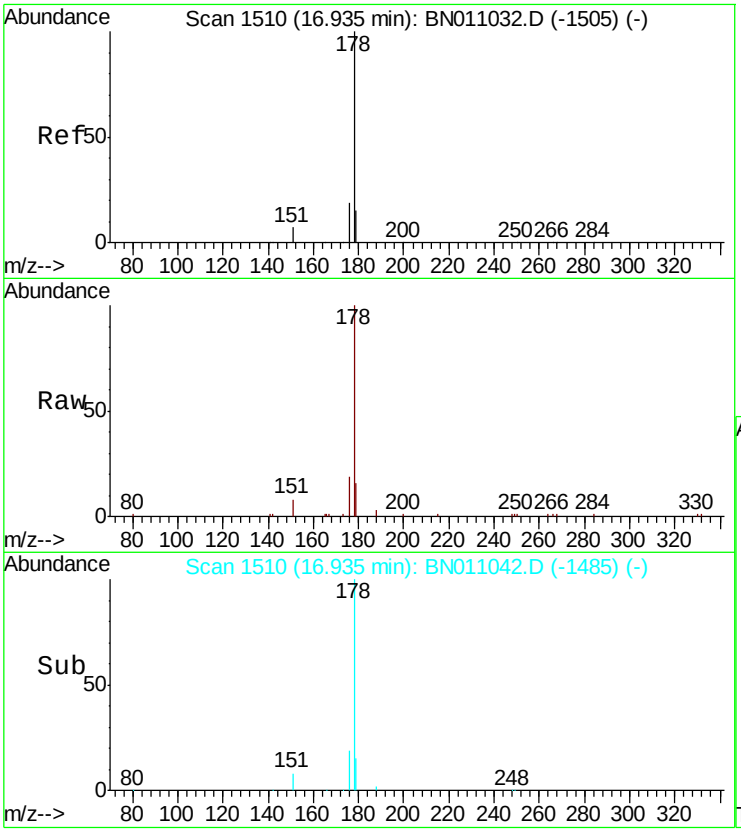


#24
Pentachlorophenol
Concen: 0.328 ng
RT: 16.57 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:266 Resp: 570

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.4	77.0
268	60.7	54.9	82.3



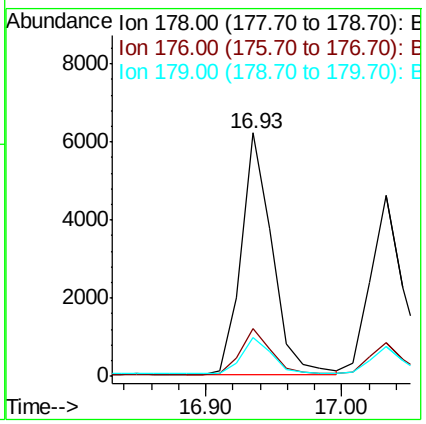


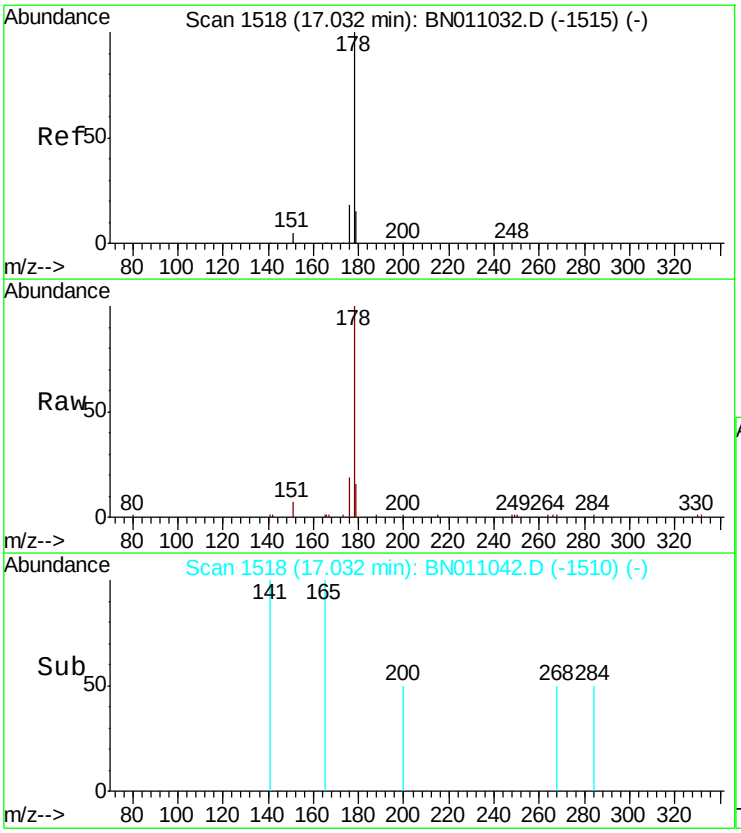
#25
Phenanthrene
Concen: 0.397 ng
RT: 16.93 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:178 Resp: 9631

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.1	12.3	18.5

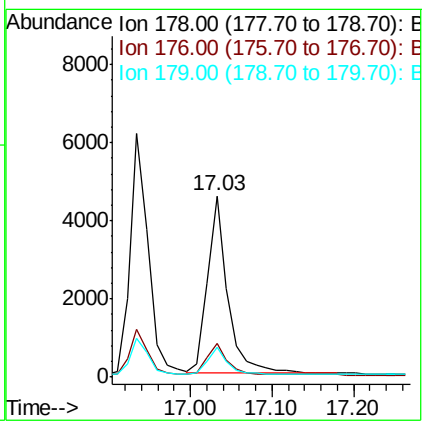


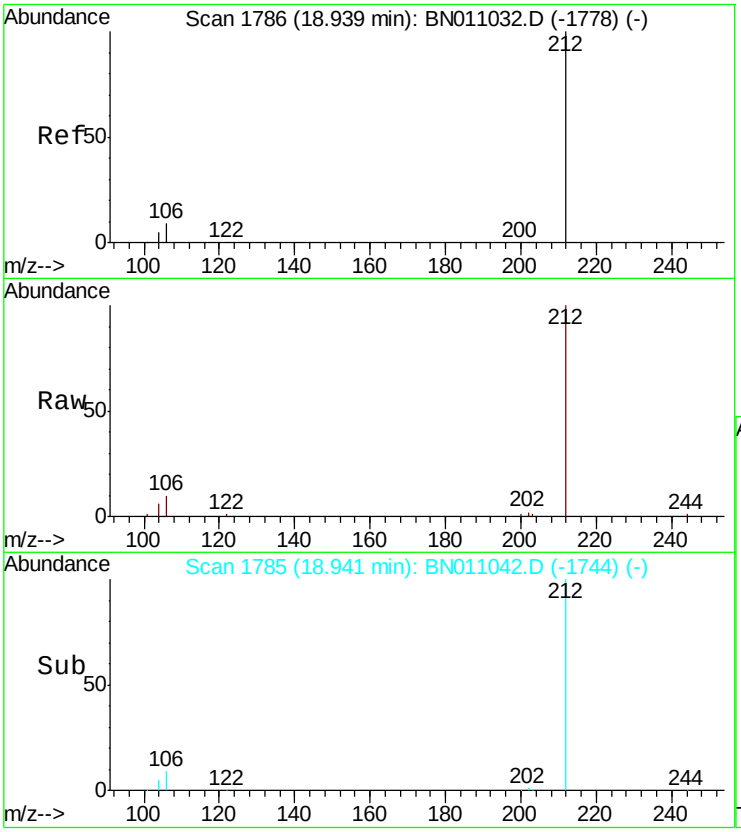


#26
Anthracene
Concen: 0.393 ng
RT: 17.03 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:178 Resp: 7910

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.1	12.2	18.4



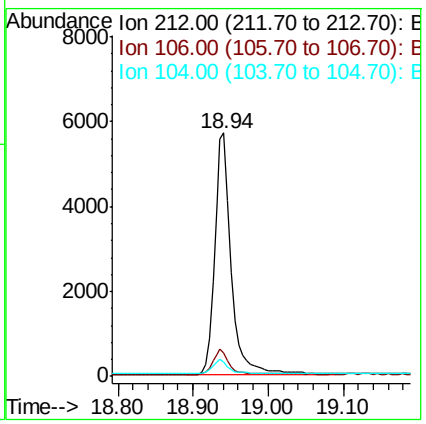


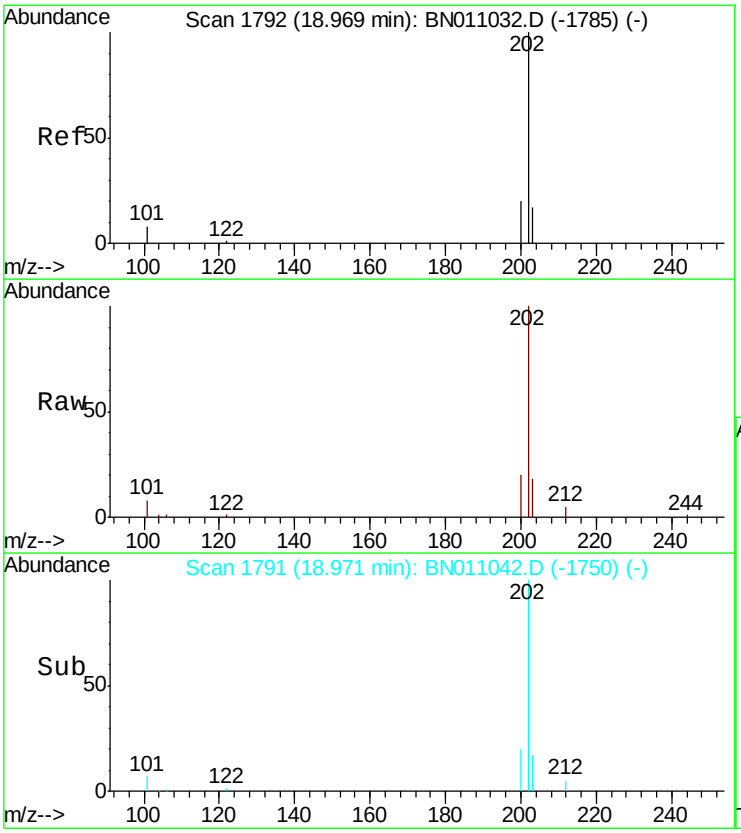
#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 18.94 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:212 Resp: 8820

Ion	Ratio	Lower	Upper
212	100		
106	9.8	7.7	11.5
104	5.6	4.6	6.8

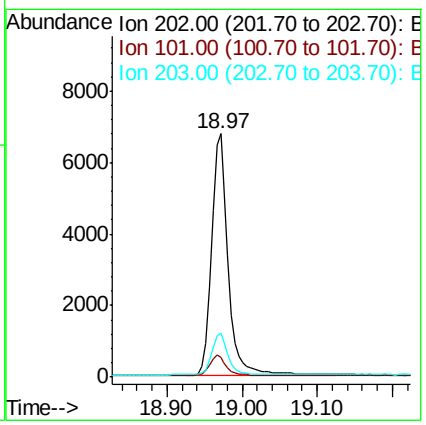


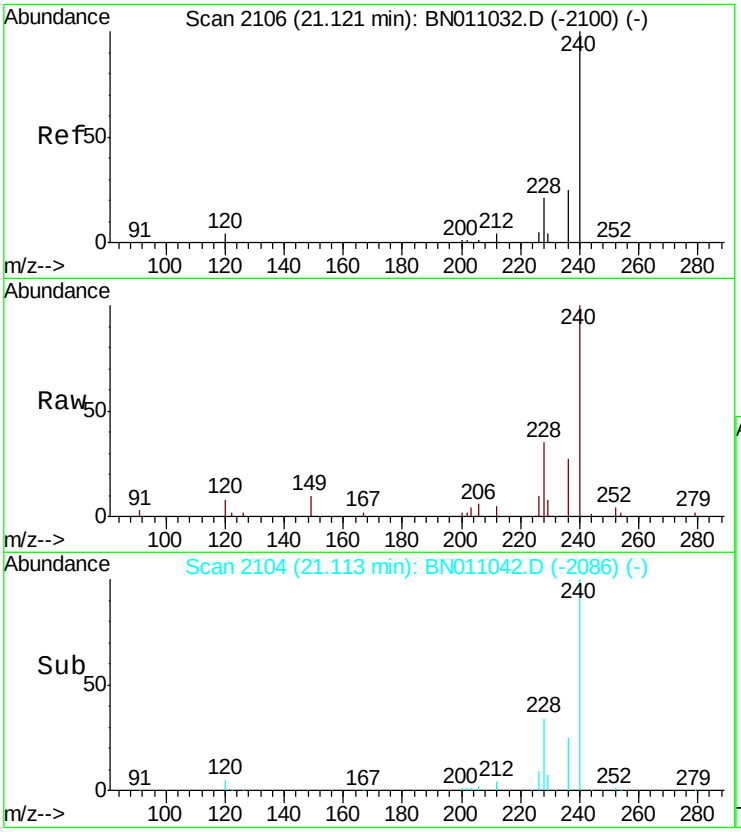


#28
Fluoranthene
Concen: 0.382 ng
RT: 18.97 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:202 Resp: 10579

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.6	10.0
203	17.0	13.8	20.6



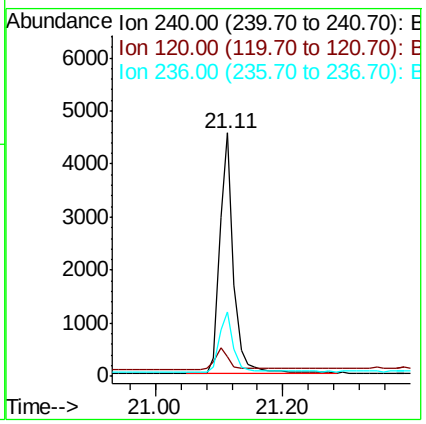


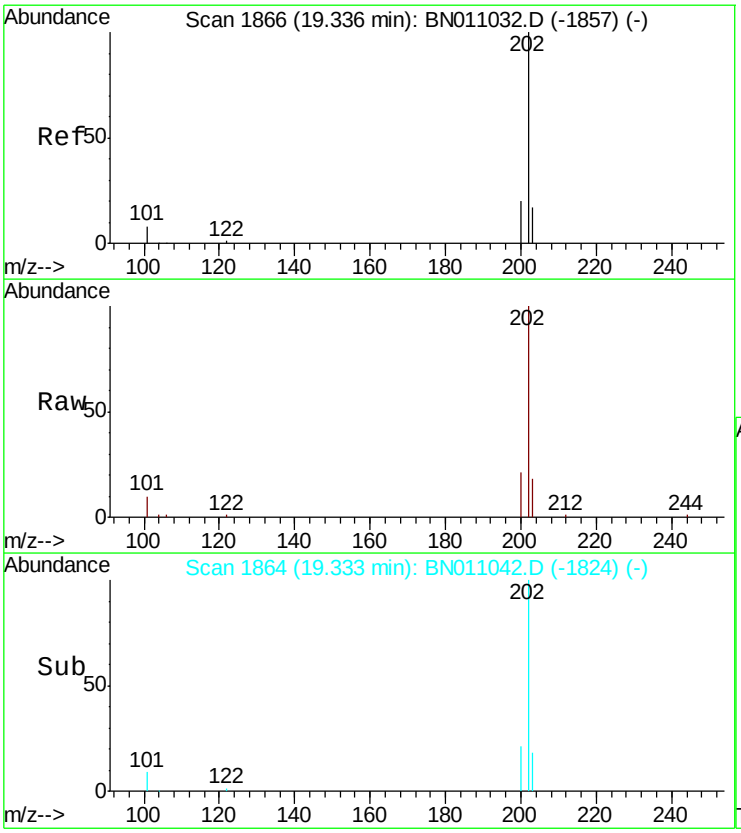
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:240 Resp: 6773

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.4	8.0
236	26.6	21.4	32.2

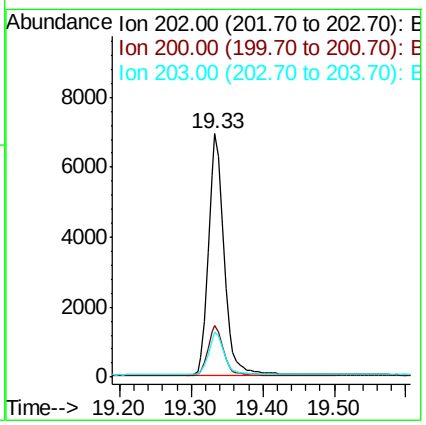


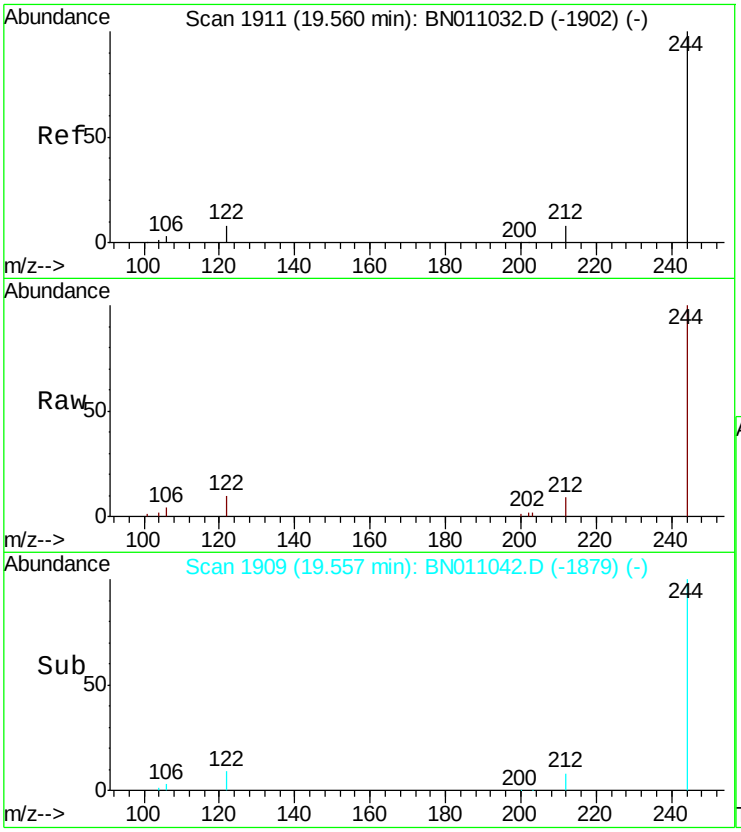


#30
Pyrene
Concen: 0.404 ng
RT: 19.33 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:202 Resp: 10524

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.3	14.2	21.2



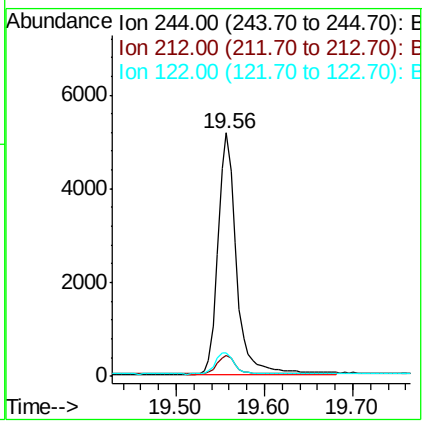


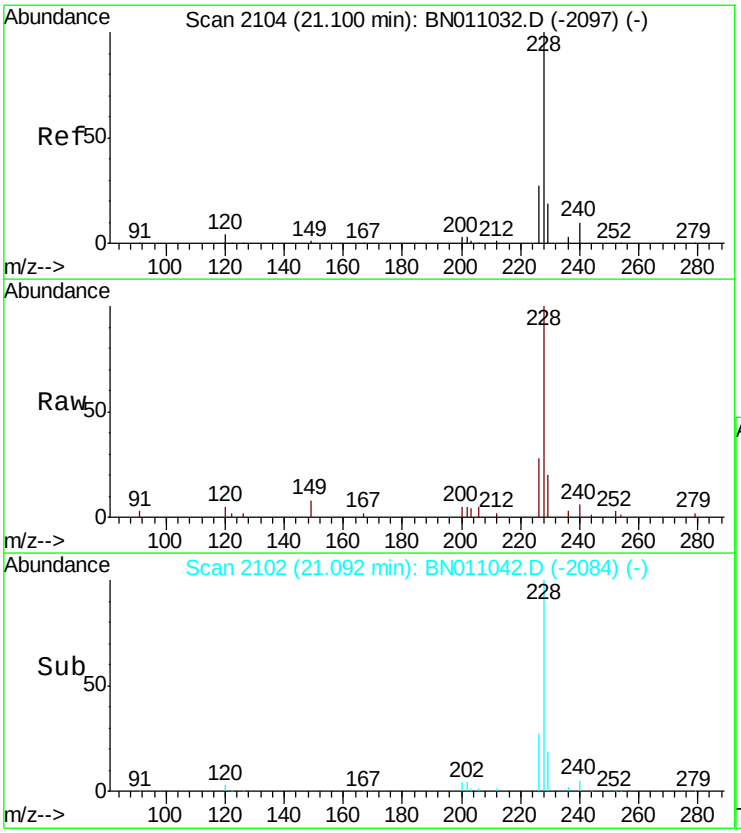
#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.56 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:244 Resp: 7423

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.6	7.4	11.0

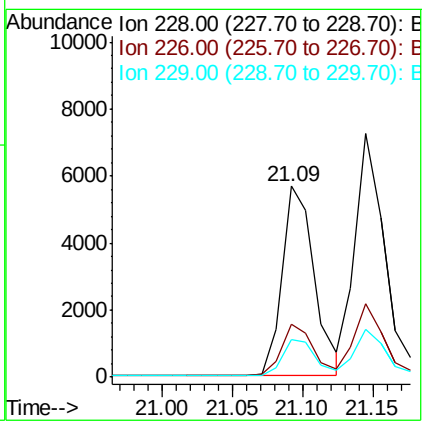


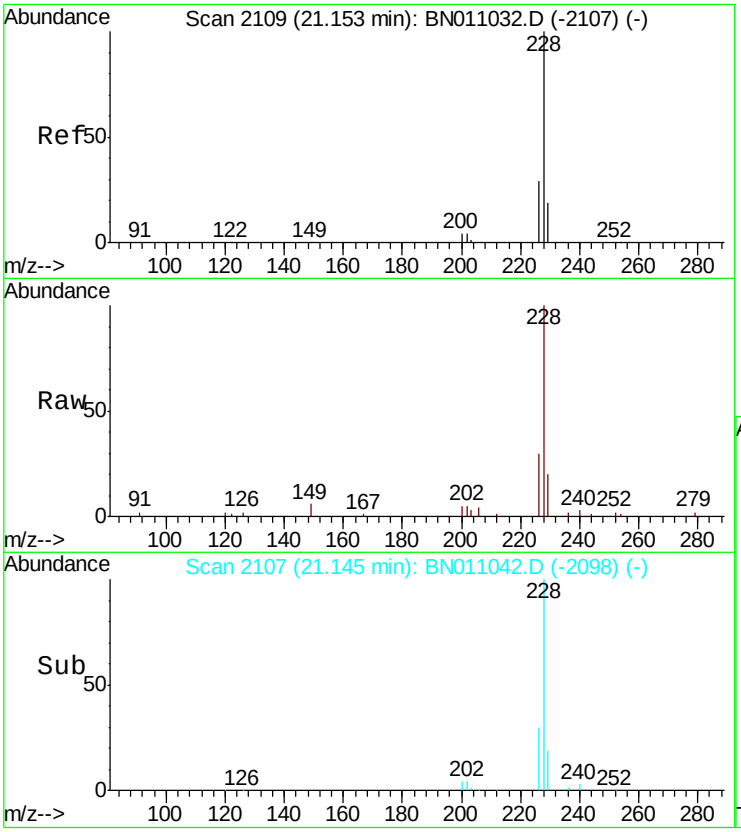


#32
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.09 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:228 Resp: 9073

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	19.8	15.9	23.9



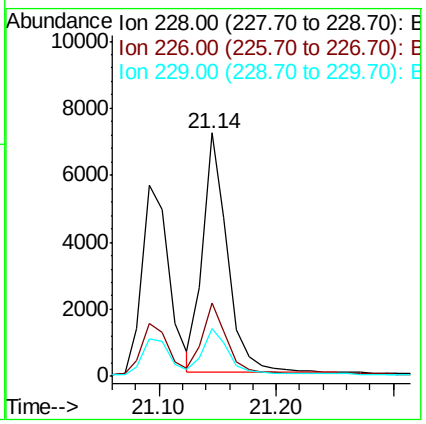


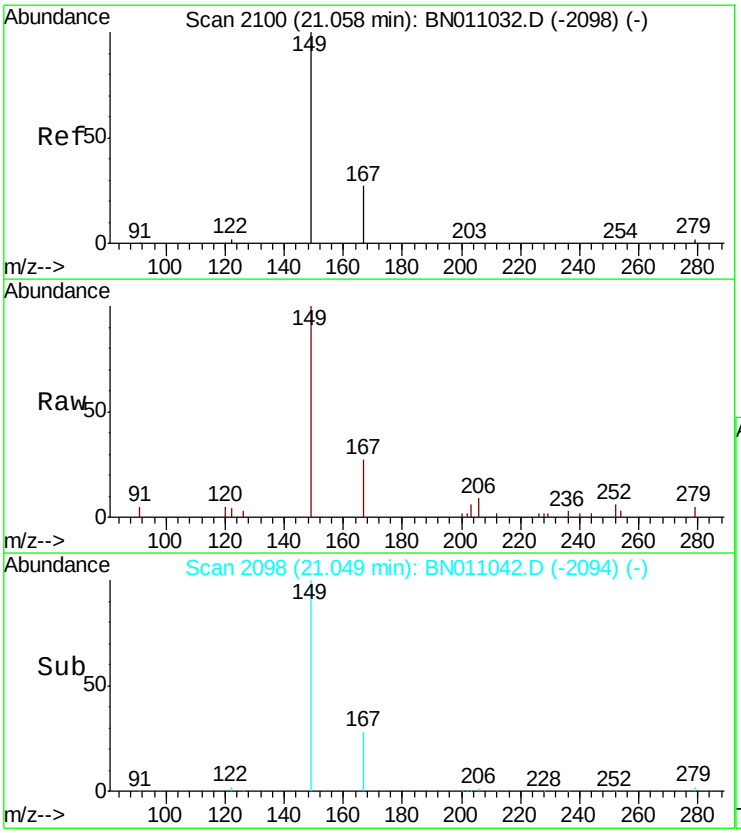
#33
Chrysene
Concen: 0.413 ng
RT: 21.14 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:228 Resp: 10555

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	19.9	15.8	23.6

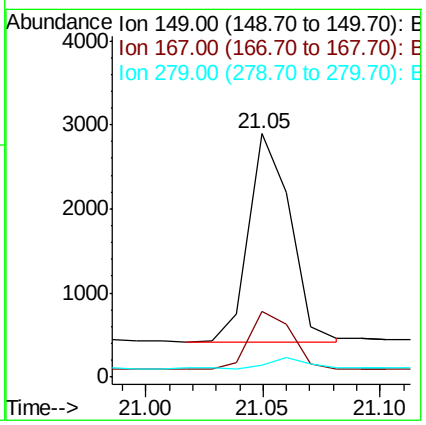


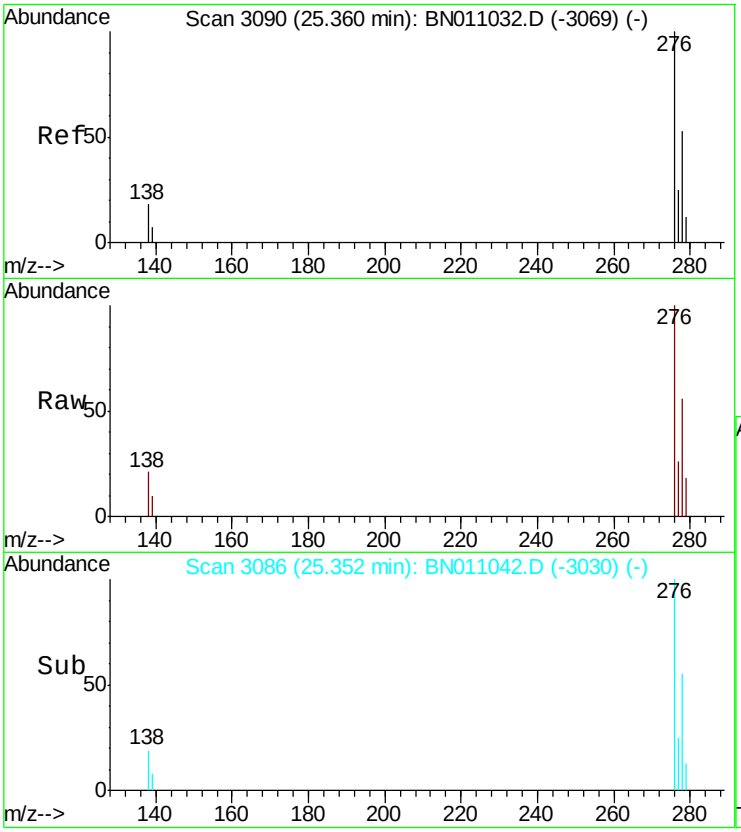


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.05 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:149 Resp: 3086

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.2
279	4.9	3.9	5.9



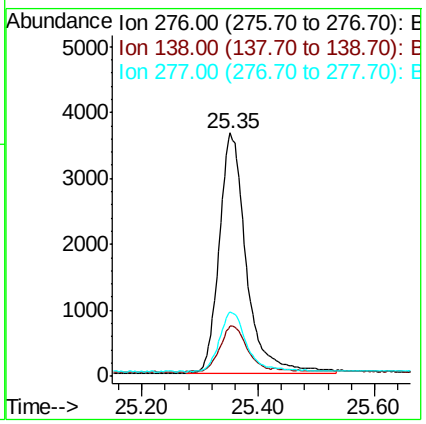


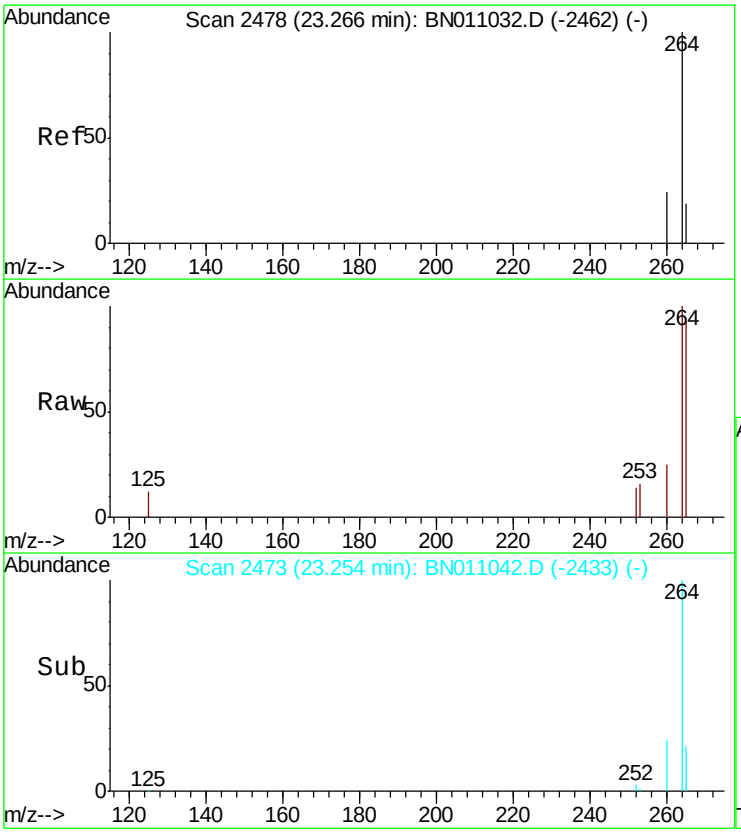
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 25.35 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:276 Resp: 11763

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.2	24.2
277	24.9	19.9	29.9

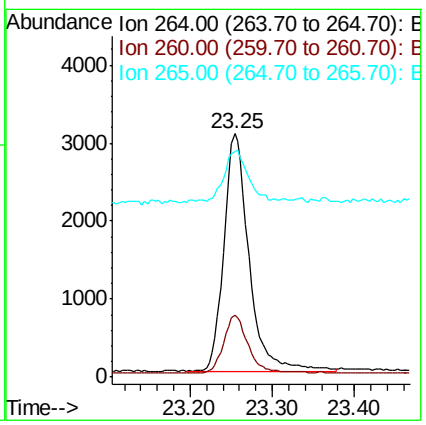


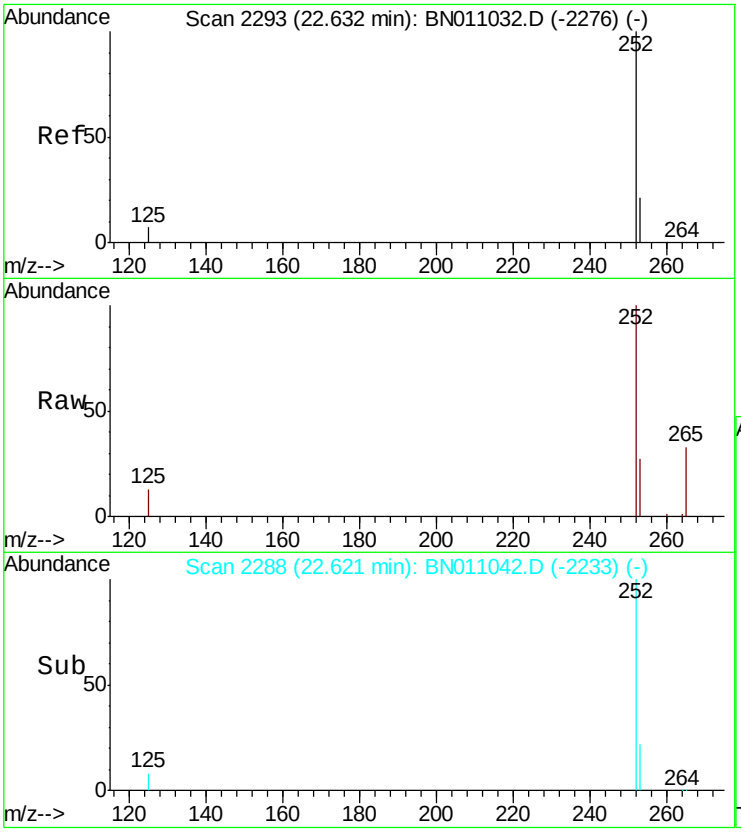


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:264 Resp: 6448

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	92.5	64.9	97.3



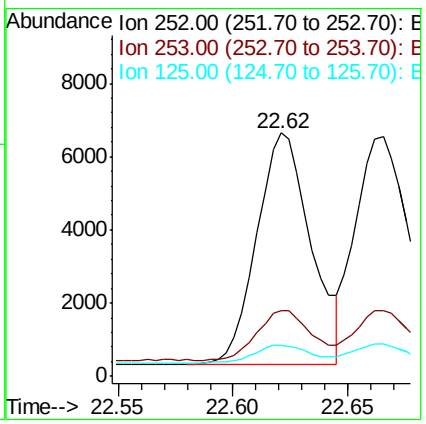


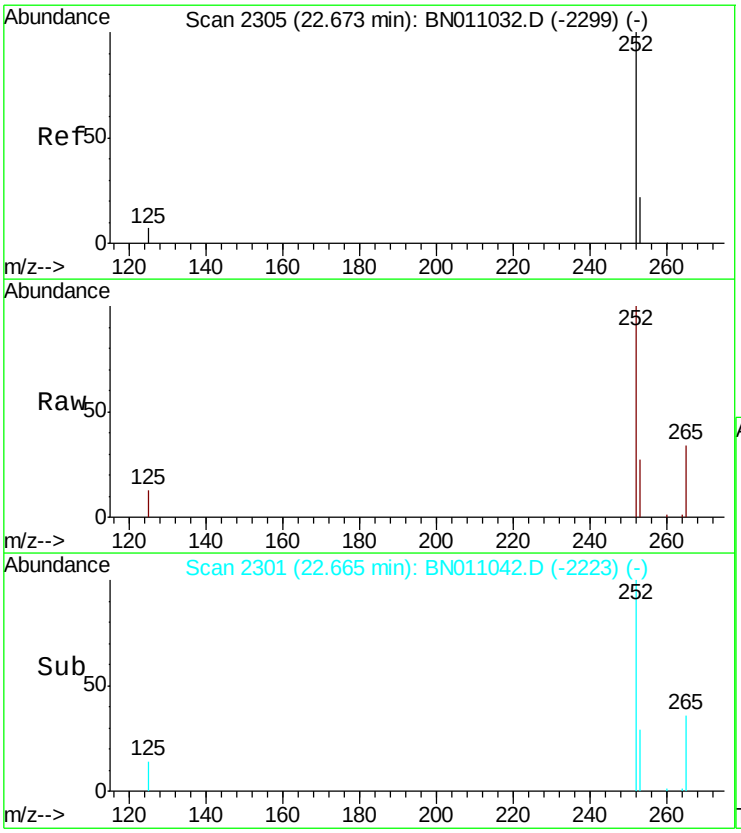
#37
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.62 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:252 Resp: 10336

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.4	32.0
125	12.7	9.3	13.9

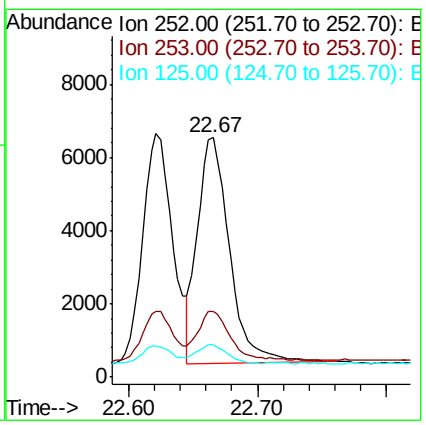


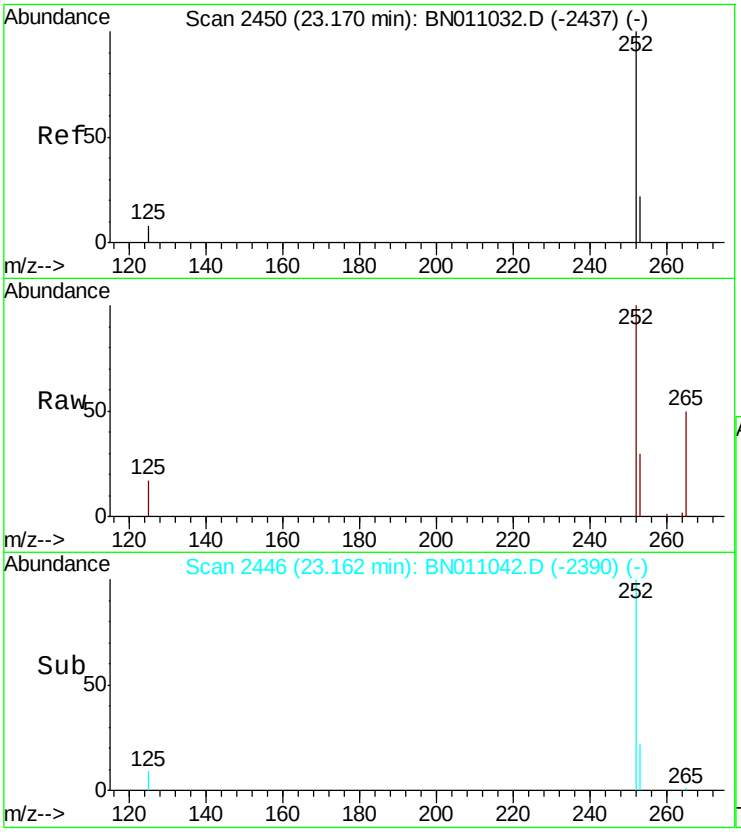


#38
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.67 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:252 Resp: 10725

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.6
125	13.3	9.8	14.6



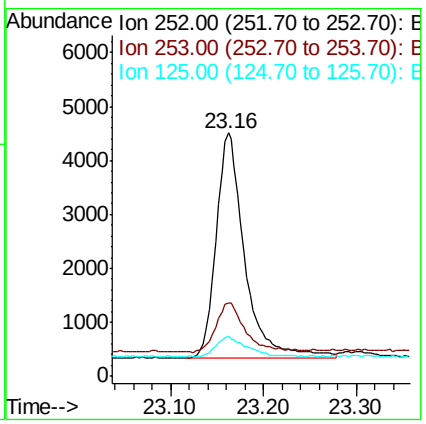


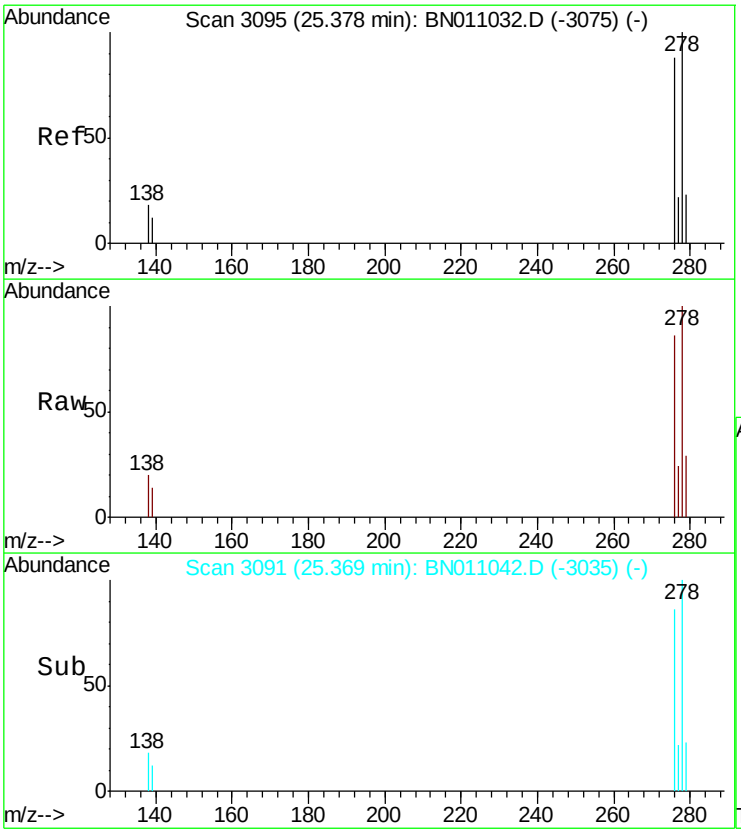
#39
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.16 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:252 Resp: 8994

Ion	Ratio	Lower	Upper
252	100		
253	30.3	23.1	34.7
125	16.6	11.2	16.8

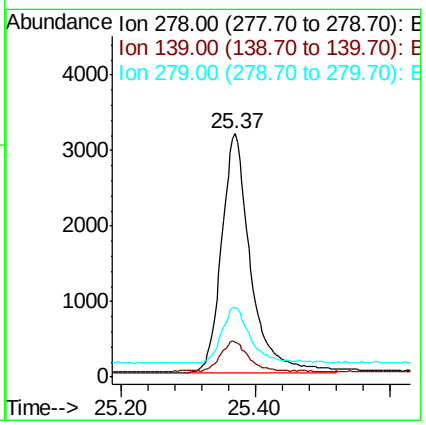


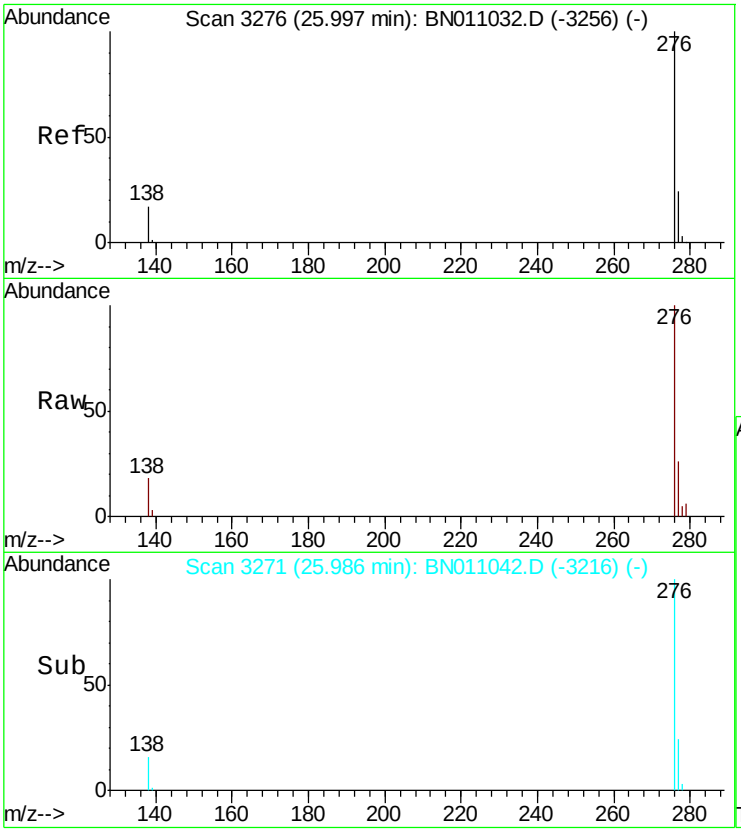


#40
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 25.37 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Tgt Ion:278 Resp: 9496

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.2	16.8
279	28.5	22.6	34.0





#41
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 25.99 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN011042.D
Acq: 24 Jun 2020 11:26

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tgt Ion:276 Resp: 10168

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.4	30.6
138	18.0	15.1	22.7