Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062620\
Data File : BN011058.D
Acq On : 26 Jun 2020 14:18
Operator : CG/JU
Sample : PB129798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129798BS

Quant Time: Jun 26 15:41:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2423	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	8047	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4248	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	8738	0.40	ng		0.00
29) Chrysene-d12	21.11	240	8058	0.40	ng		0.00
36) Perylene-d12	23.25	264	7500	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2707	0.40	ng		0.00
5) Phenol-d6	6.73	99	3178	0.39	ng		0.00
8) Nitrobenzene-d5	8.66	82	2836	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	5612	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	710	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	8053	0.41	ng		0.00
27) Fluoranthene-d10	18.94	212	11018	0.40	ng		0.00
31) Terphenyl-d14	19.55	244	9177	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1244	0.382	ng		96
3) n-Nitrosodimethylamine	3.57	42	647	0.356	ng	#	93
6) bis(2-Chloroethyl)ether	6.97	93	2912	0.417	ng		100
9) Naphthalene	10.32	128	9741	0.399	ng		99
10) Hexachlorobutadiene	10.61	225	2360	0.401	ng	#	100
12) 2-Methylnaphthalene	11.94	142	6272	0.383	ng		99
16) Acenaphthylene	13.85	152	8600	0.402	ng		99
17) Acenaphthene	14.20	154	5848	0.407	ng		100
18) Fluorene	15.20	166	7224	0.394	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	137	0.094	ng	#	31
21) 4-Bromophenyl-phenylether	16.09	248	2343	0.388	ng		96
22) Hexachlorobenzene	16.20	284	2626	0.393	ng		99
23) Atrazine	16.39	200	1640	0.367	ng		98
24) Pentachlorophenol	16.56	266	658	0.311	ng		90
25) Phenanthrene	16.93	178	11980	0.407	ng		100
26) Anthracene	17.03	178	9590	0.392	ng		99
28) Fluoranthene	18.97	202	12920	0.384	ng		100
30) Pyrene	19.33	202	12833	0.414	ng		100
32) Benzo(a)anthracene	21.10	228	10928	0.391	ng		99
33) Chrysene	21.14	228	12616	0.415	ng		98
34) Bis(2-ethylhexyl)phthalate	21.06	149	4502	0.401	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	13933	0.412	ng		100
37) Benzo(b)fluoranthene	22.63	252	13602	0.459	ng		98
38) Benzo(k)fluoranthene	22.67	252	13339	0.433	ng		98
39) Benzo(a)pyrene	23.16	252	10788	0.409	ng		97
40) Dibenzo(a,h)anthracene	25.37	278	11475	0.404	ng		98
41) Benzo(g,h,i)perylene	25.99	276	11475	0.390	ng		100

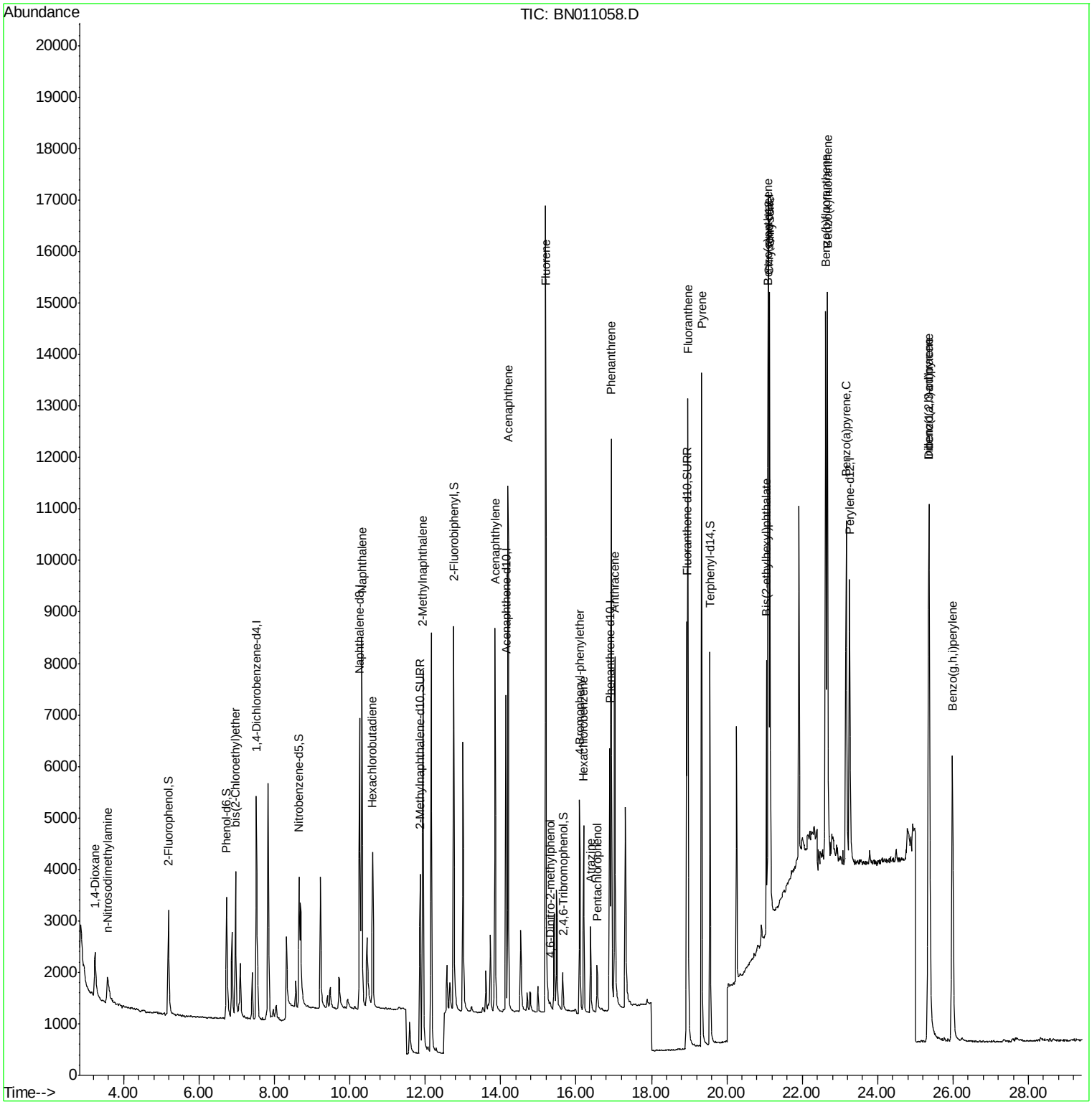
(#) = qualifier out of range (m) = manual integration (+) = signals summed

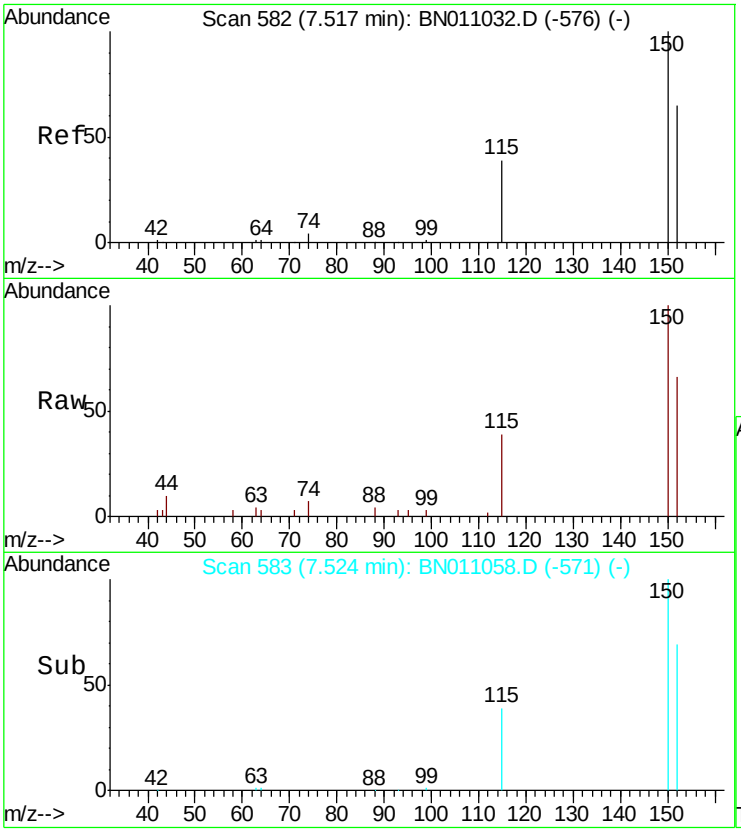
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062620\
Data File : BN011058.D
Acq On : 26 Jun 2020 14:18
Operator : CG/JU
Sample : PB129798BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Quant Time: Jun 26 15:41:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 11:59:47 2020
Response via : Initial Calibration



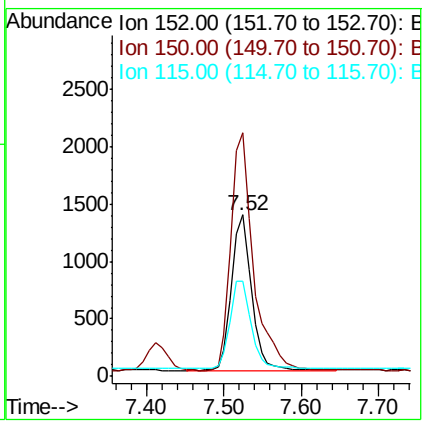


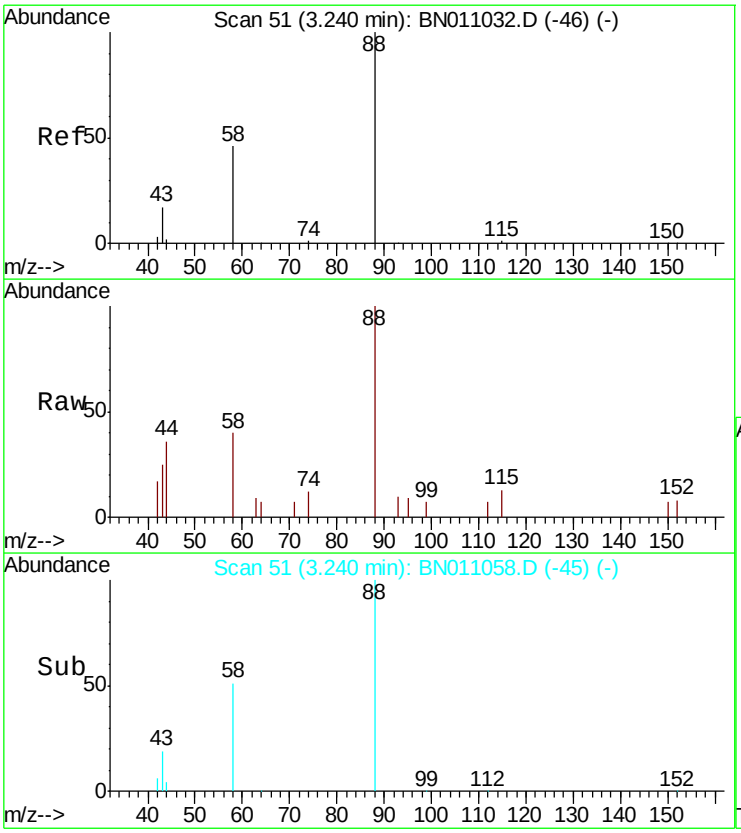
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:152 Resp: 2423

Ion	Ratio	Lower	Upper
152	100		
150	151.1	121.8	182.8
115	58.7	50.2	75.2

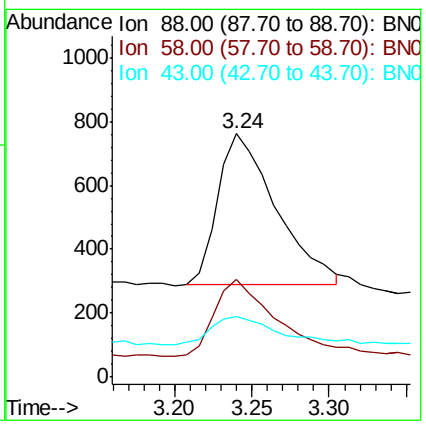


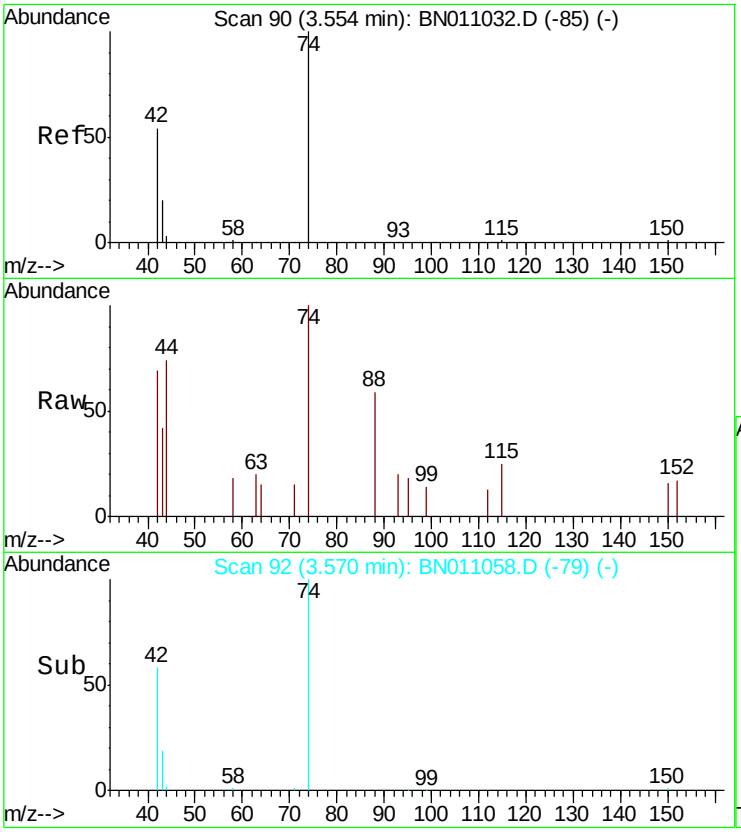


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion: 88 Resp: 1244

Ion	Ratio	Lower	Upper
88	100		
58	51.0	38.4	57.6
43	16.5	14.2	21.4



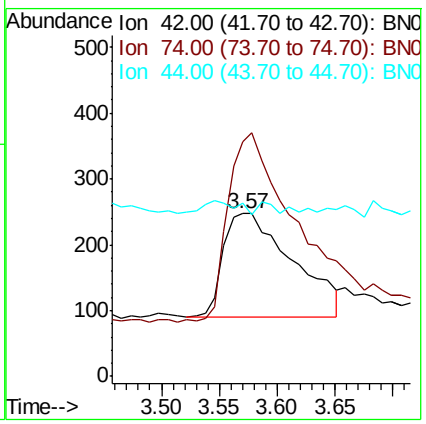


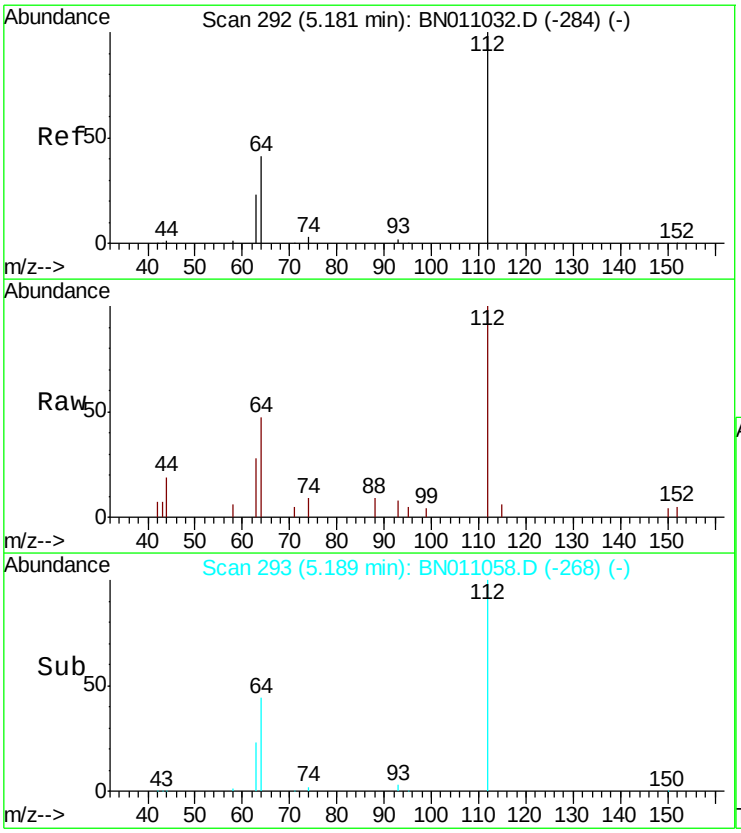
#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.01 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion: 42 Resp: 647

Ion	Ratio	Lower	Upper
42	100		
74	182.7	154.8	232.2
44	2.8	4.8	7.2#

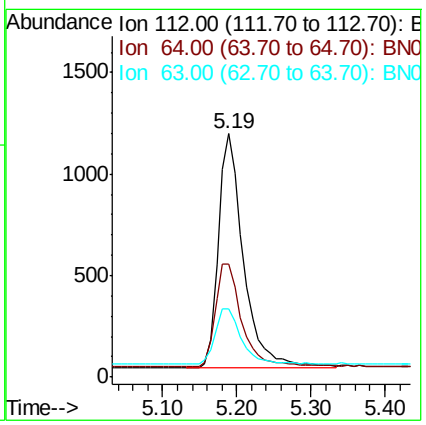


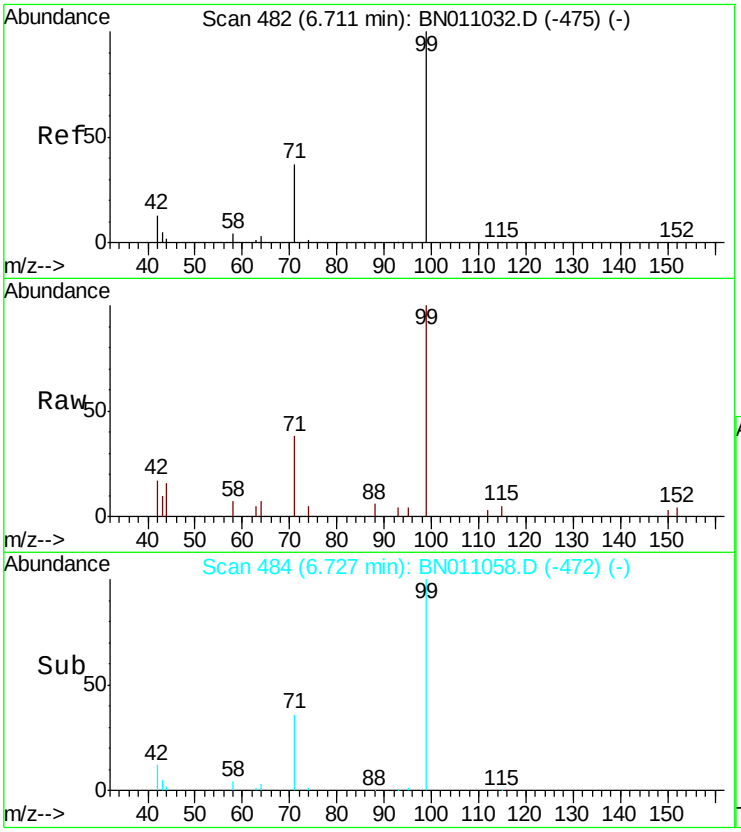


#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:112 Resp: 2707

Ion	Ratio	Lower	Upper
112	100		
64	46.0	37.3	55.9
63	24.9	20.4	30.6



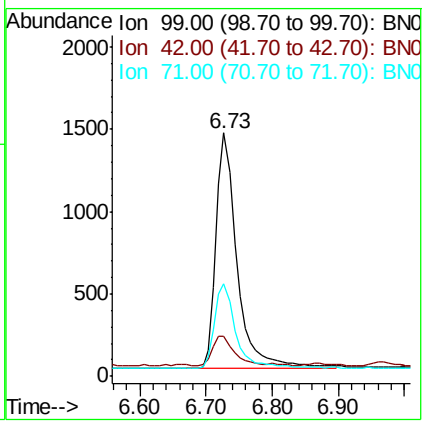


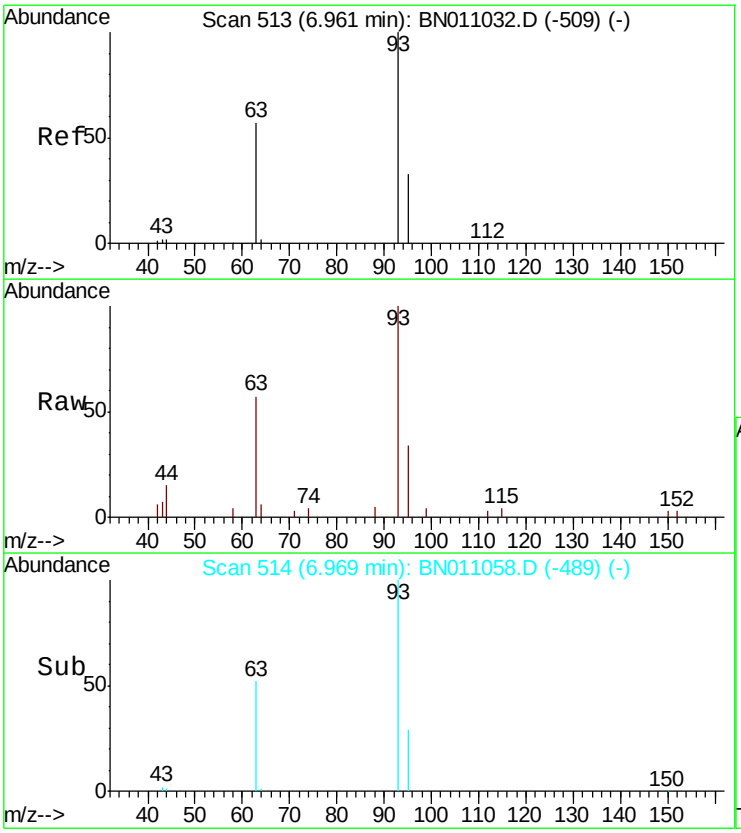
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.73 min Scan# 484
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion: 99 Resp: 3178

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	36.3	28.7	43.1

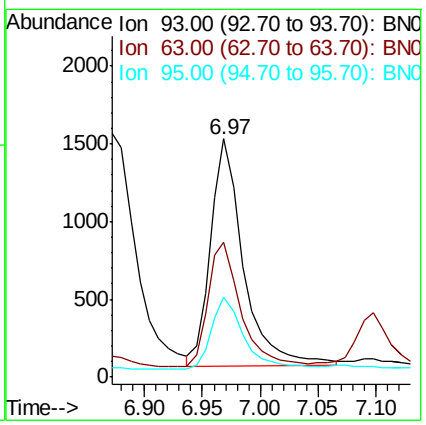


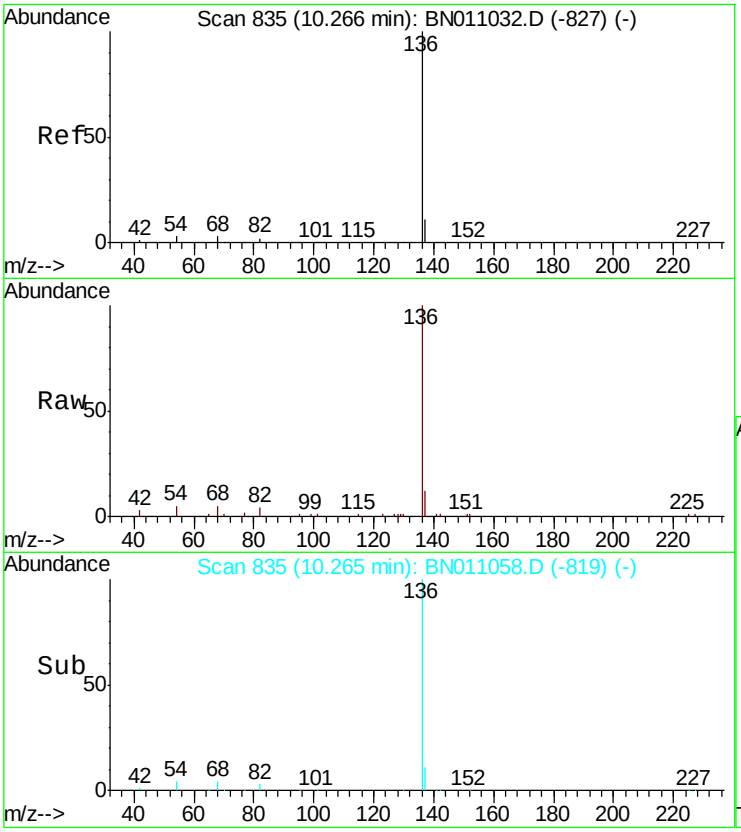


#6
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 6.97 min Scan# 514
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion: 93 Resp: 2912

Ion	Ratio	Lower	Upper
93	100		
63	54.6	43.7	65.5
95	30.9	25.3	37.9



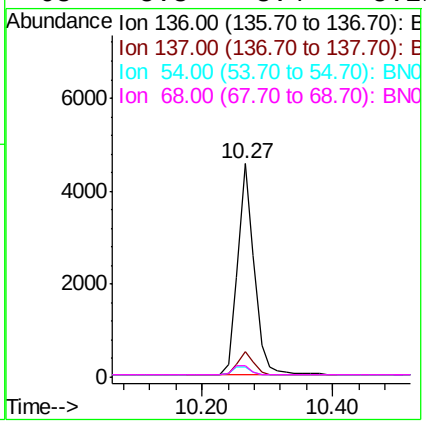


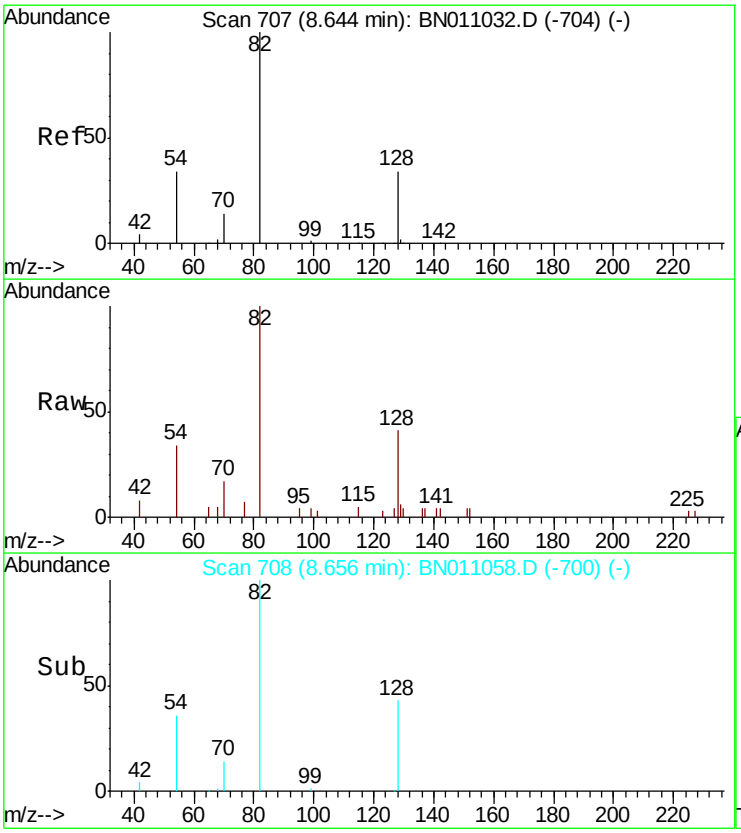
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:136 Resp: 8047

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	4.8	3.0	4.4#
68	5.3	3.4	5.2#

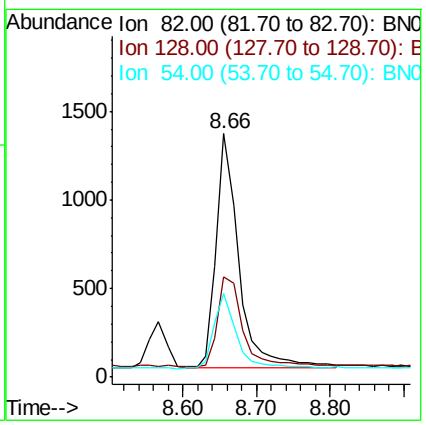


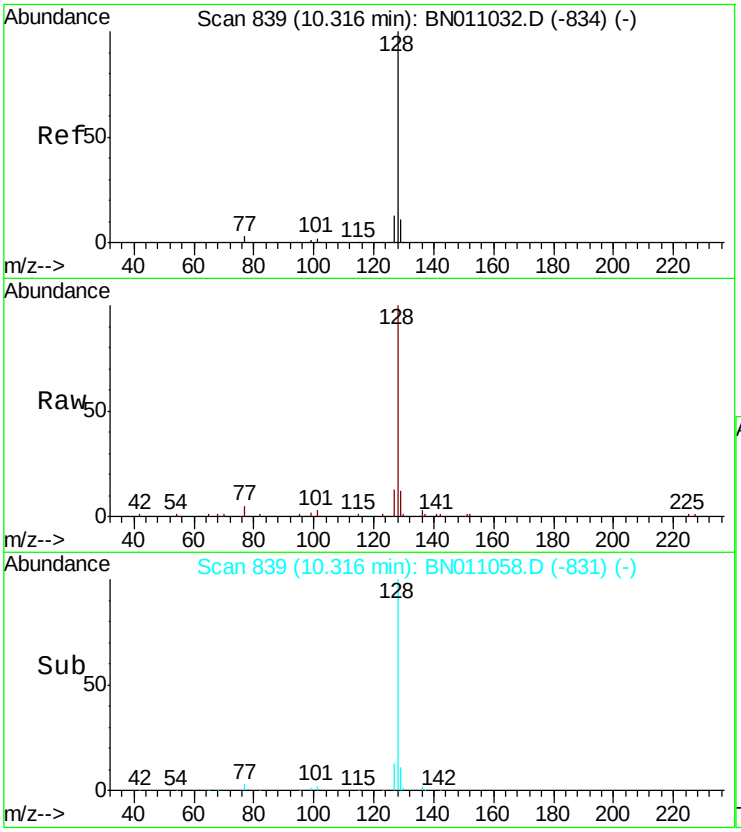


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.66 min Scan# 708
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion: 82 Resp: 2836

Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.4	44.2
54	34.3	28.8	43.2



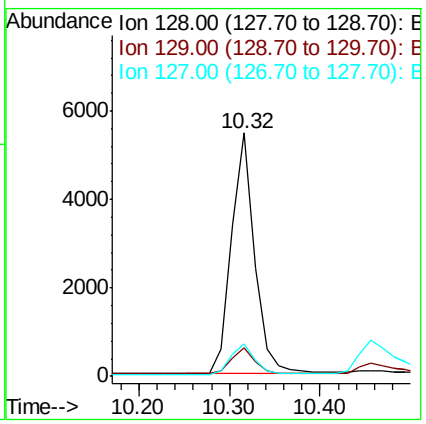


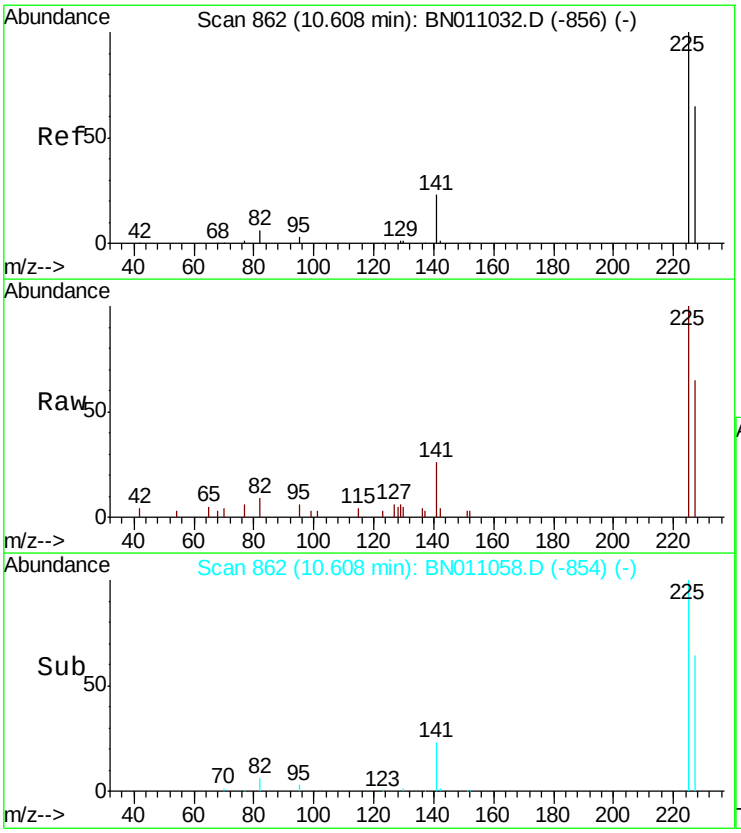
#9
Naphthalene
Concen: 0.399 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:128 Resp: 9741

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.5	10.9	16.3

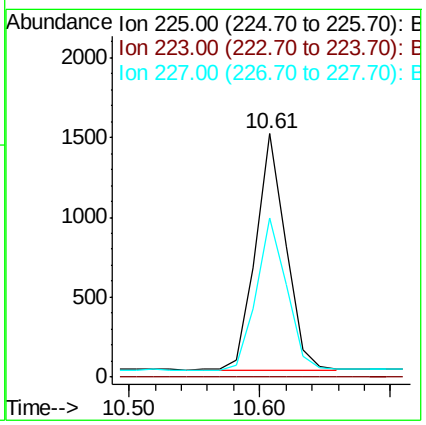


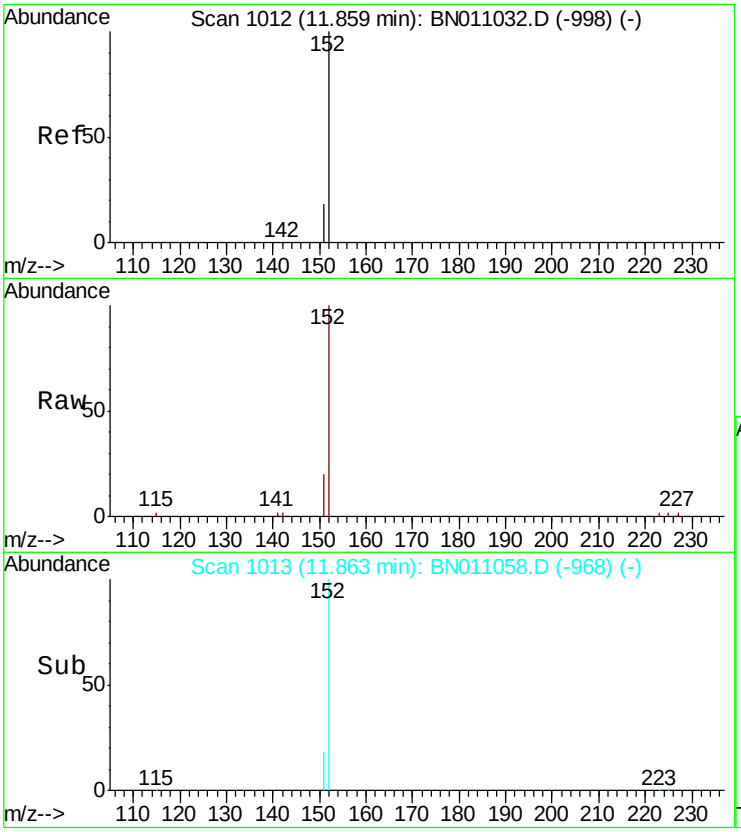


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.61 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:225 Resp: 2360

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.7	77.5



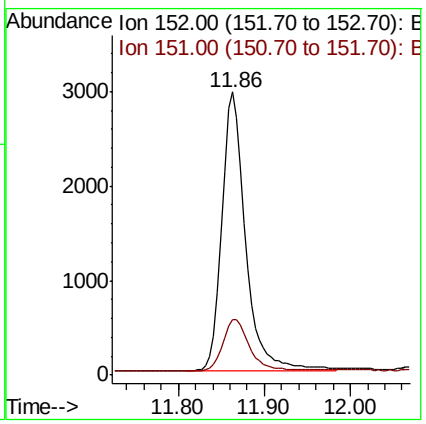


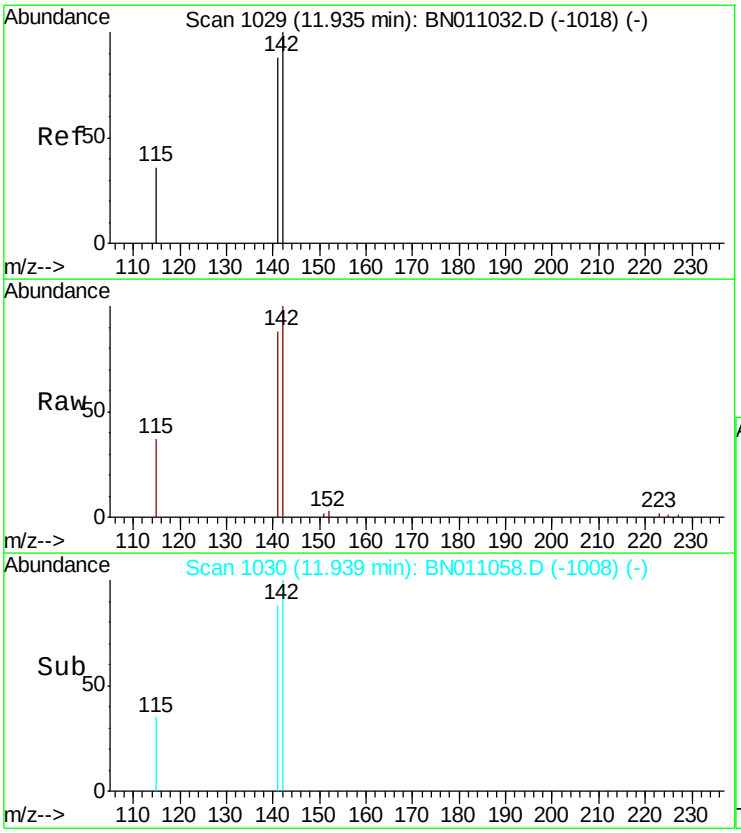
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.86 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:152 Resp: 5612

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4

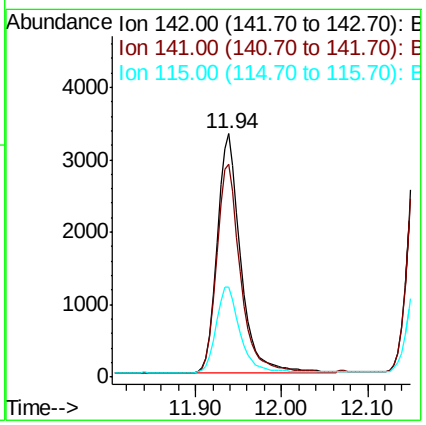


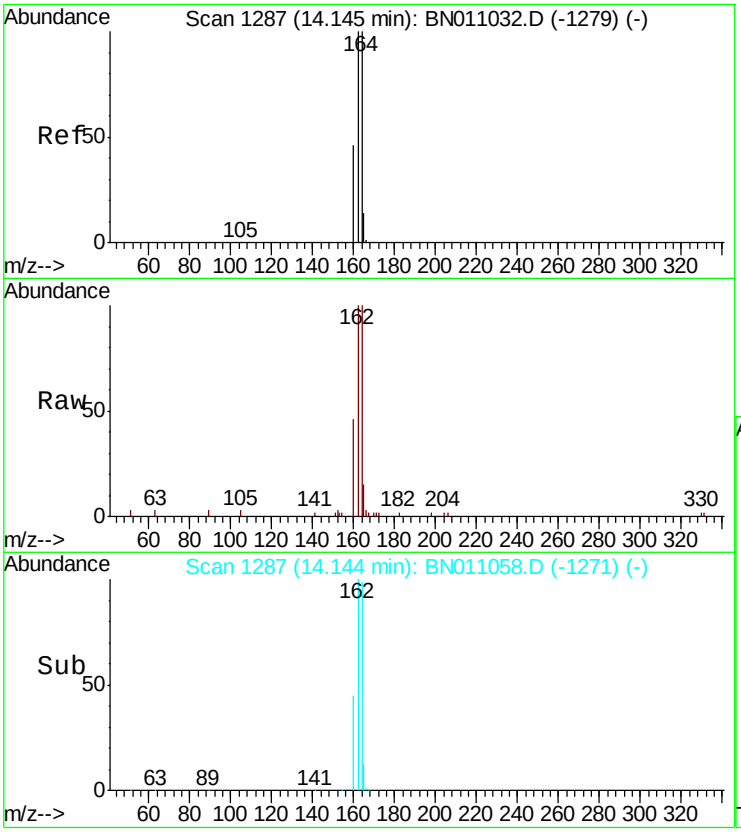


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 11.94 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:142 Resp: 6272

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	106.0
115	36.9	30.2	45.2



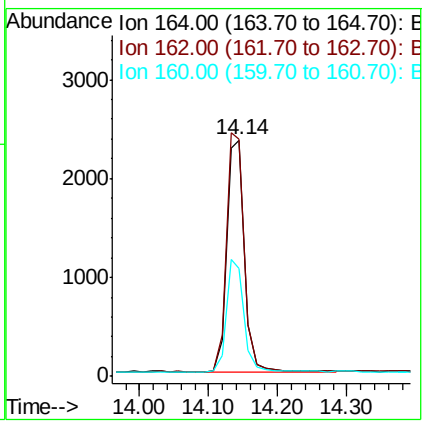


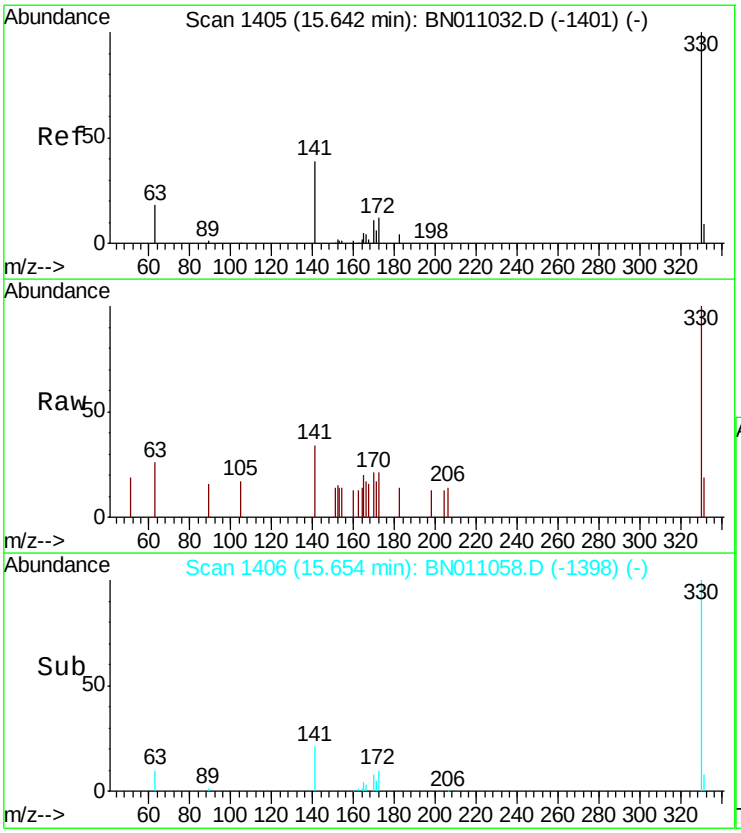
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:164 Resp: 4248

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	45.8	37.7	56.5

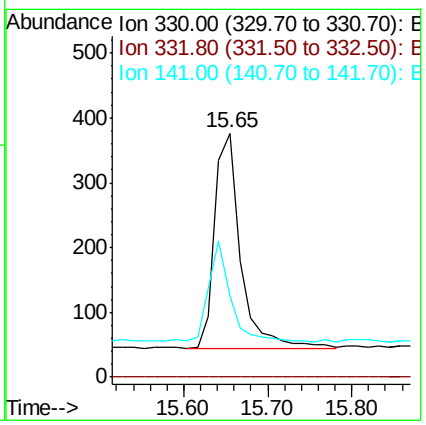


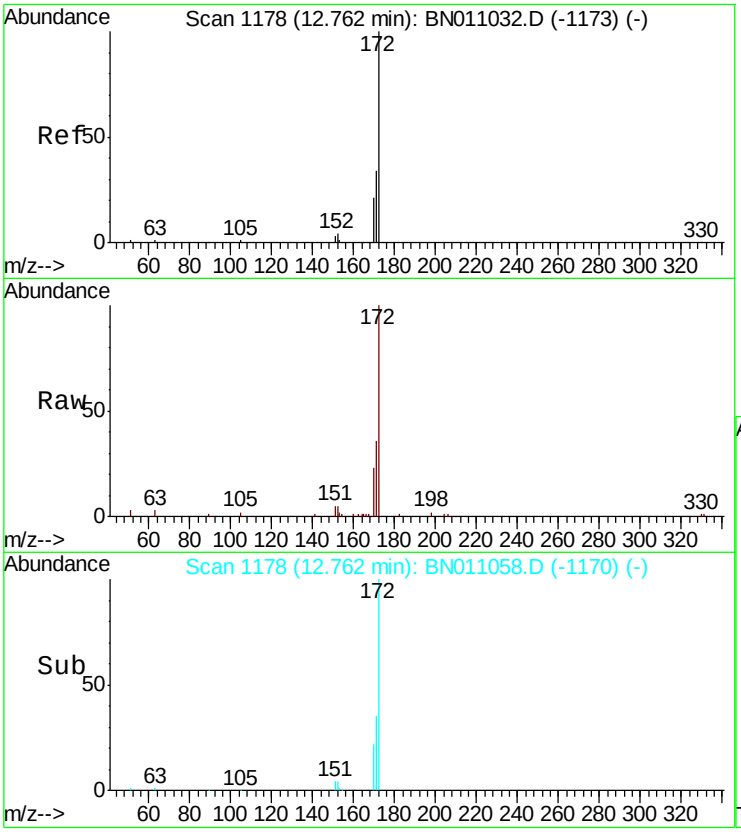


#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.65 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:330 Resp: 710

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.0	34.5	51.7



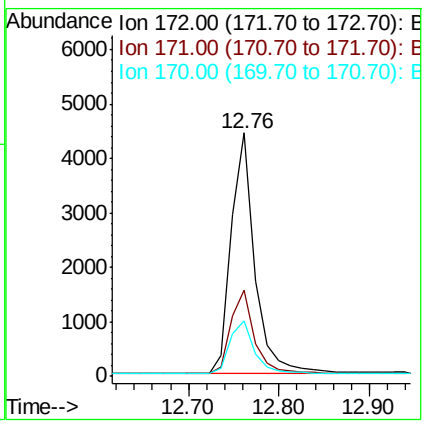


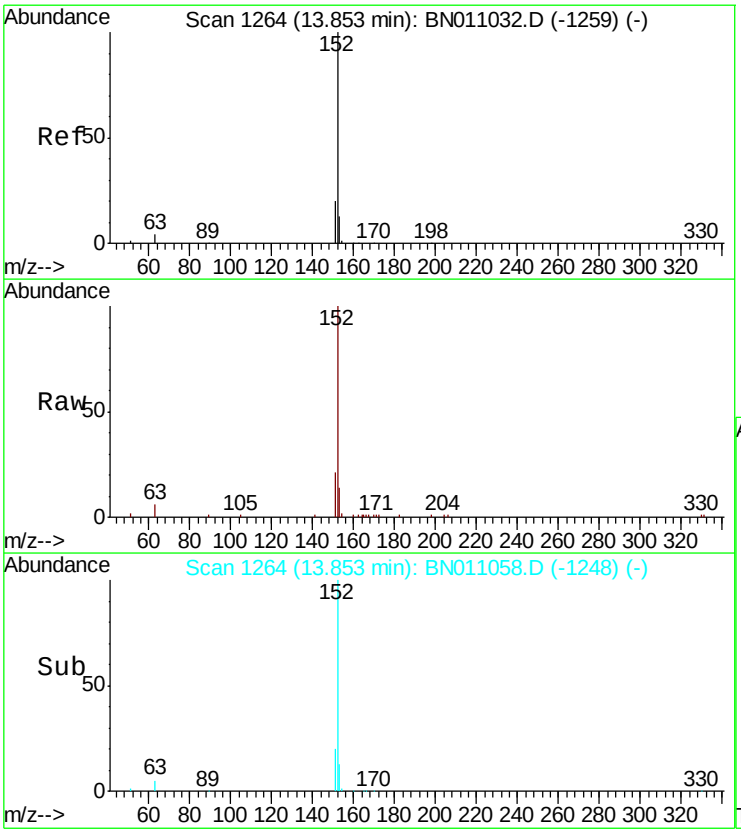
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:172 Resp: 8053

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.4	41.2
170	22.9	17.5	26.3

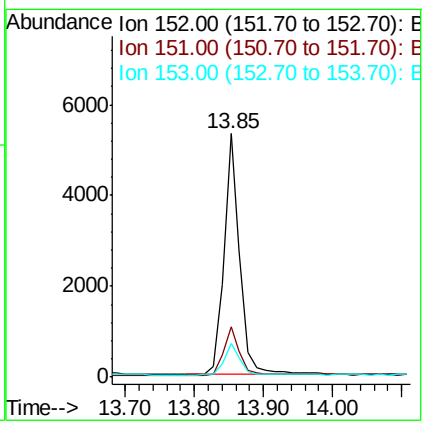


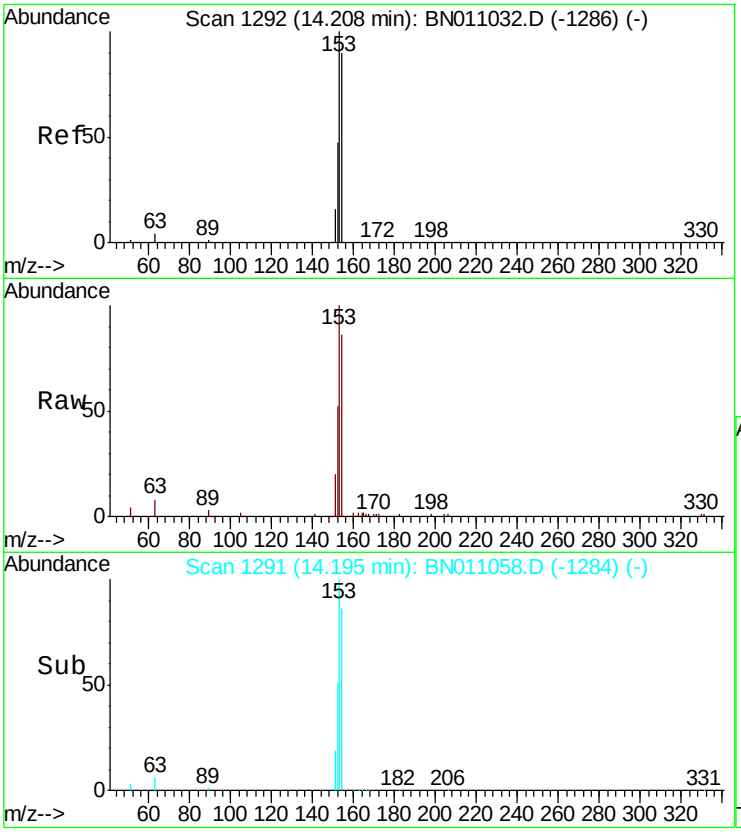


#16
Acenaphthylene
Concen: 0.402 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:152 Resp: 8600

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.3	10.2	15.2



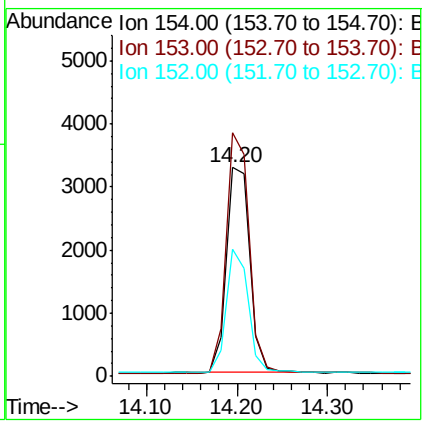


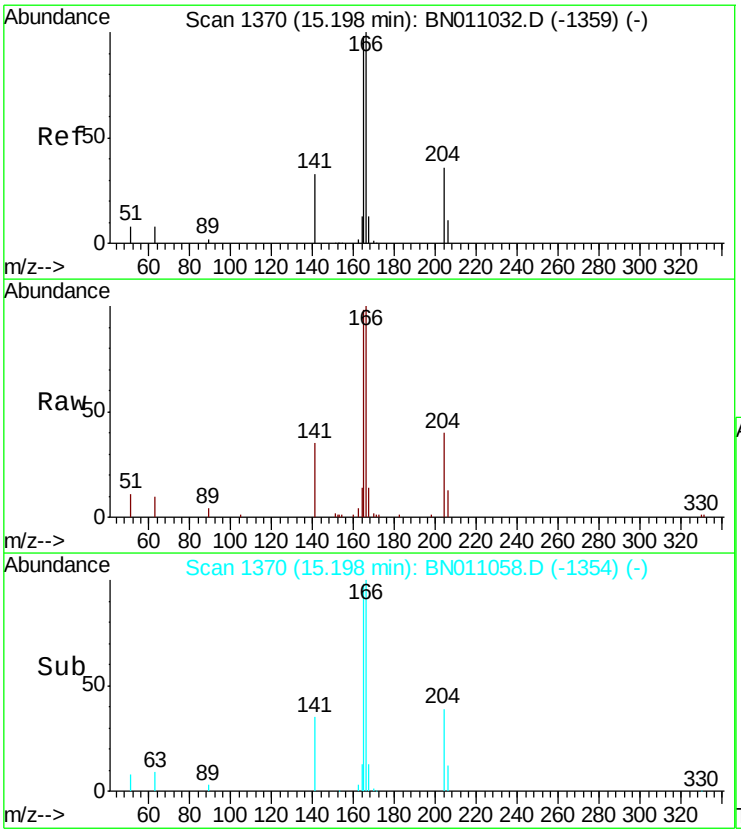
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.20 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:154 Resp: 5848

Ion	Ratio	Lower	Upper
154	100		
153	115.7	92.3	138.5
152	57.6	45.5	68.3

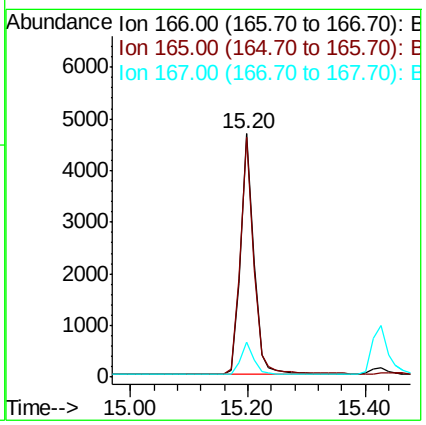


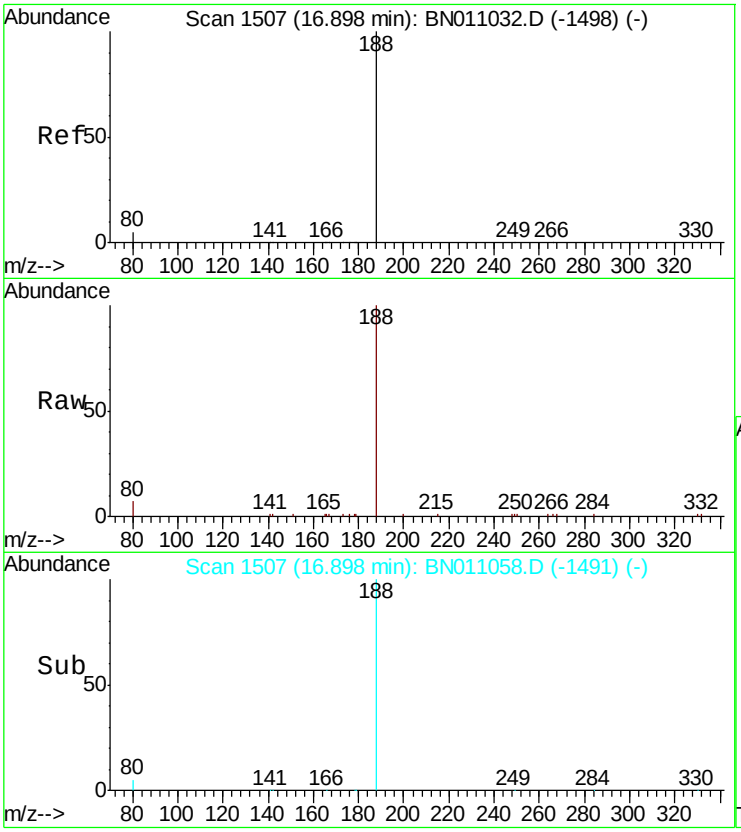


#18
Fluorene
Concen: 0.394 ng
RT: 15.20 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:166 Resp: 7224

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	13.3	10.8	16.2



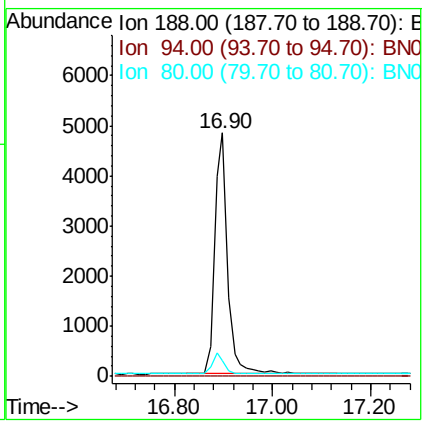


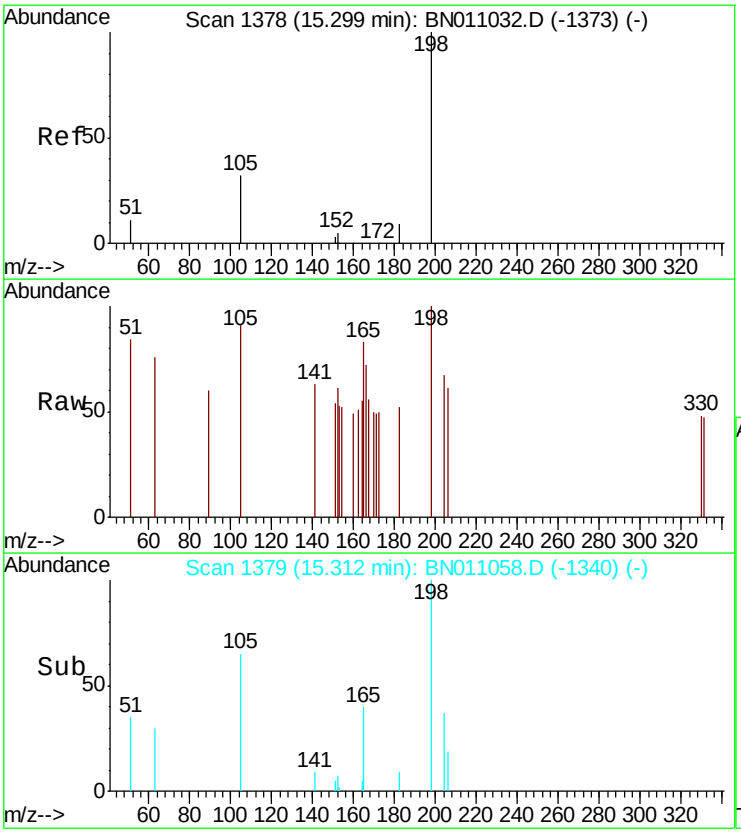
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:188 Resp: 8738

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

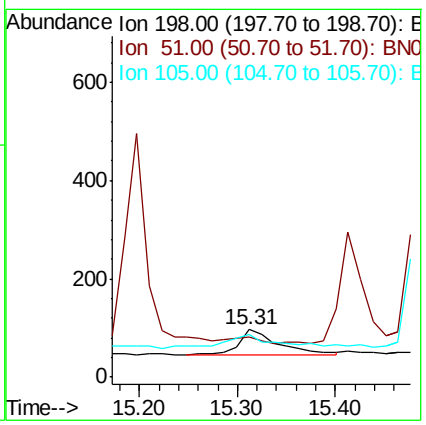


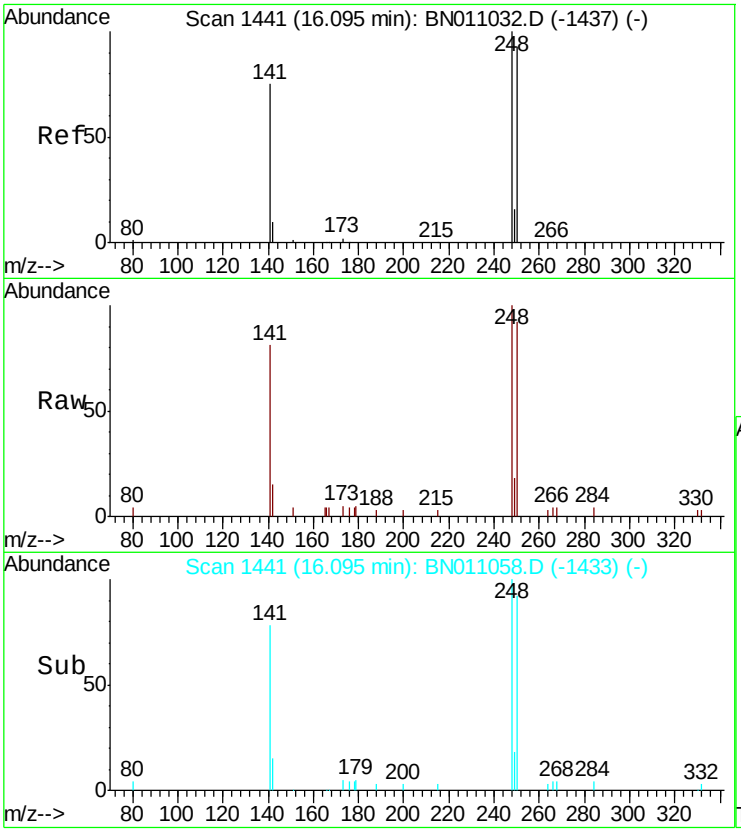


#20
4,6-Dinitro-2-methylphenol
Concen: 0.094 ng
RT: 15.31 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:198 Resp: 137

Ion	Ratio	Lower	Upper
198	100		
51	84.4	29.5	44.3#
105	90.6	39.2	58.8#



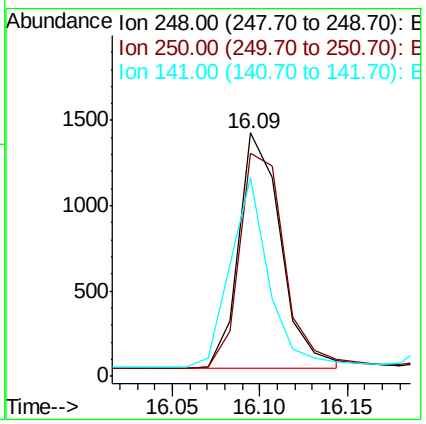


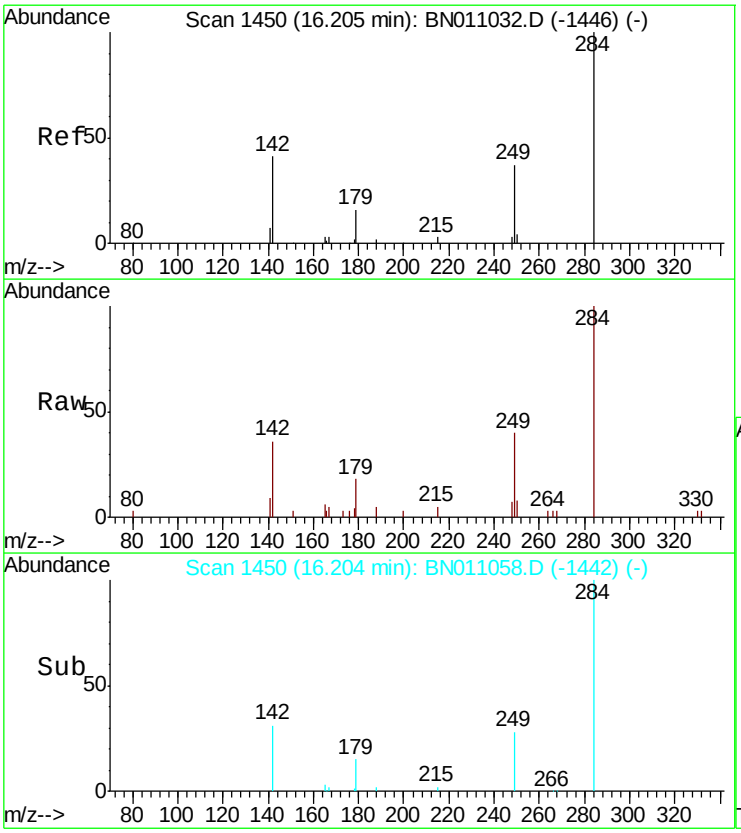
#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.09 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:248 Resp: 2343

Ion	Ratio	Lower	Upper
248	100		
250	91.8	74.6	111.8
141	81.4	60.9	91.3

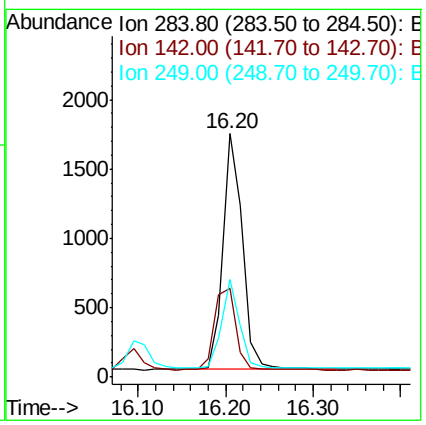


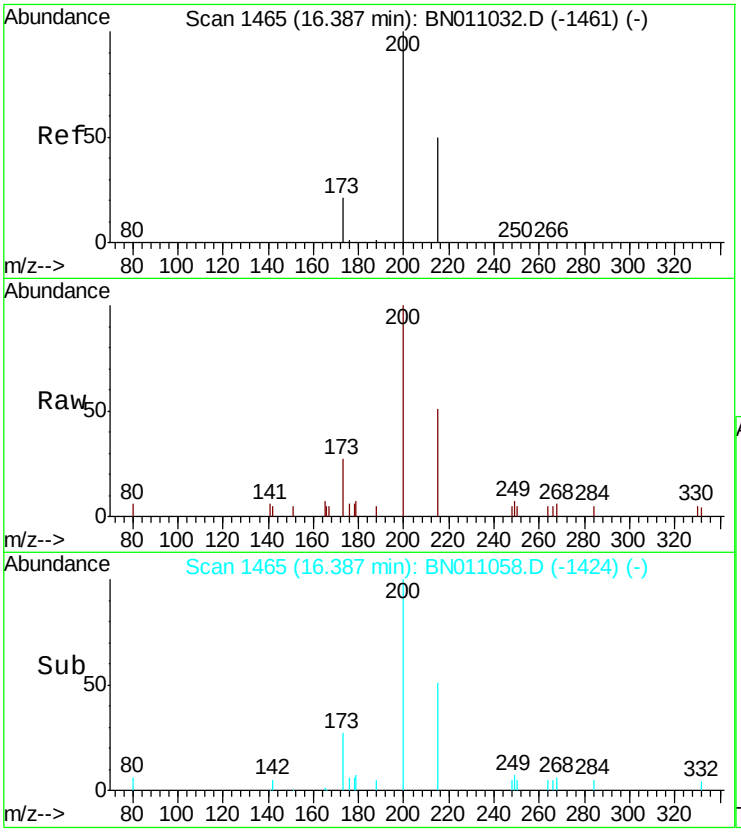


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:284 Resp: 2626

Ion	Ratio	Lower	Upper
284	100		
142	39.1	30.4	45.6
249	34.3	27.0	40.4



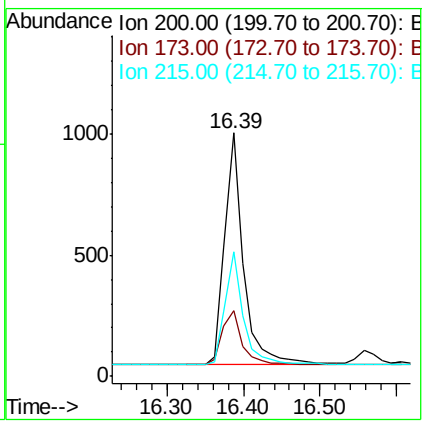


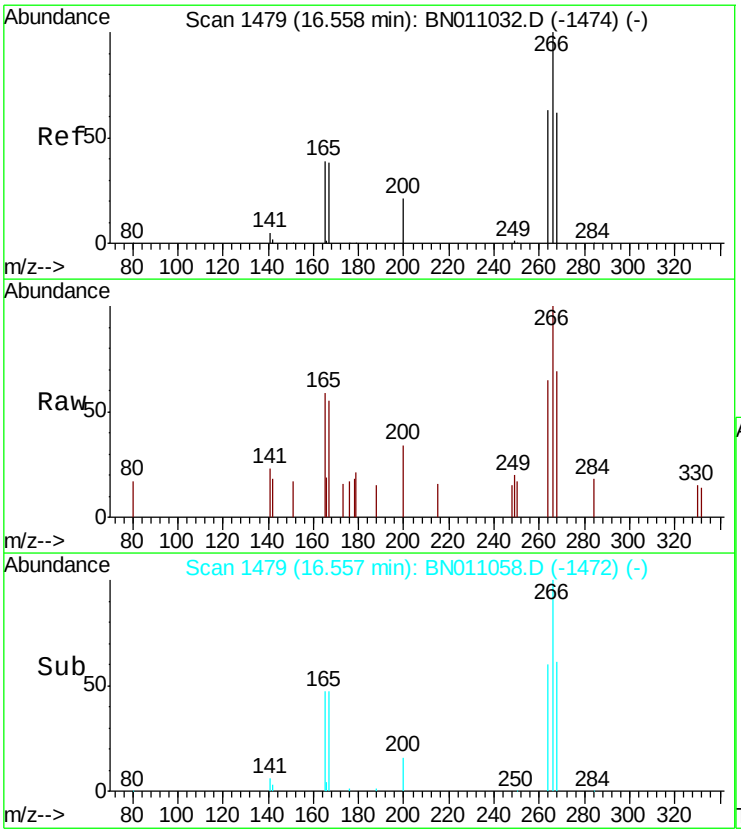
#23
Atrazine
Concen: 0.367 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:200 Resp: 1640

Ion	Ratio	Lower	Upper
200	100		
173	26.9	19.4	29.2
215	51.0	41.5	62.3

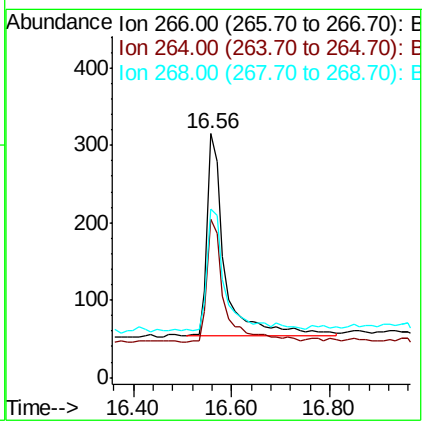


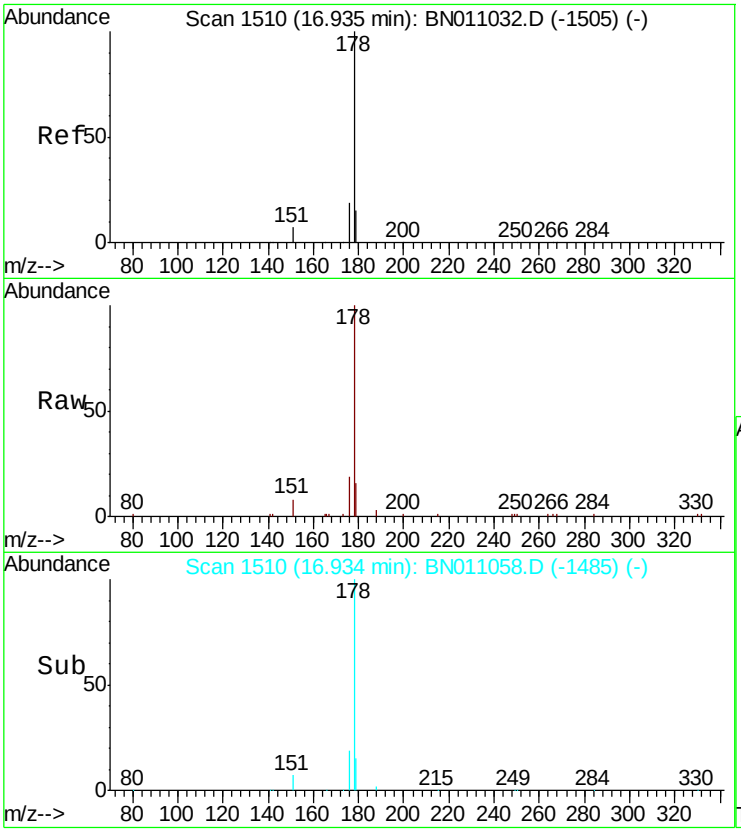


#24
Pentachlorophenol
Concen: 0.311 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:266 Resp: 658

Ion	Ratio	Lower	Upper
266	100		
264	59.6	51.4	77.0
268	58.1	54.9	82.3



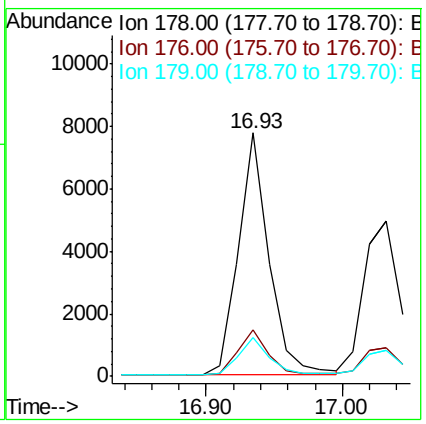


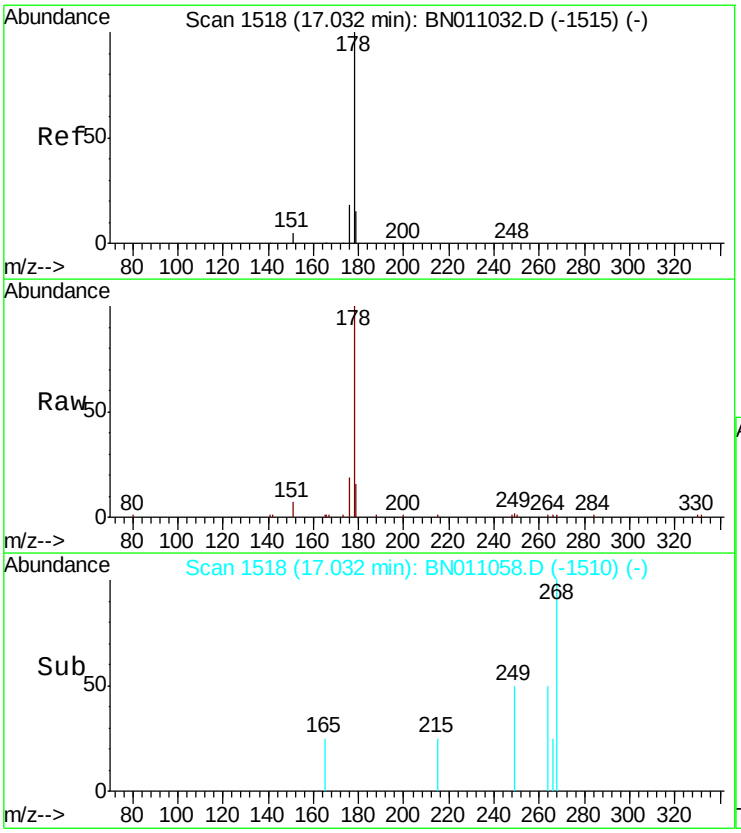
#25
Phenanthrene
Concen: 0.407 ng
RT: 16.93 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:178 Resp: 11980

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5

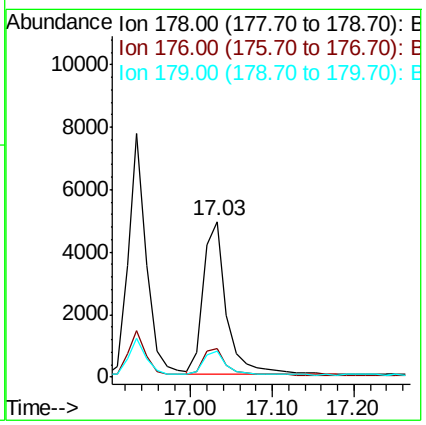


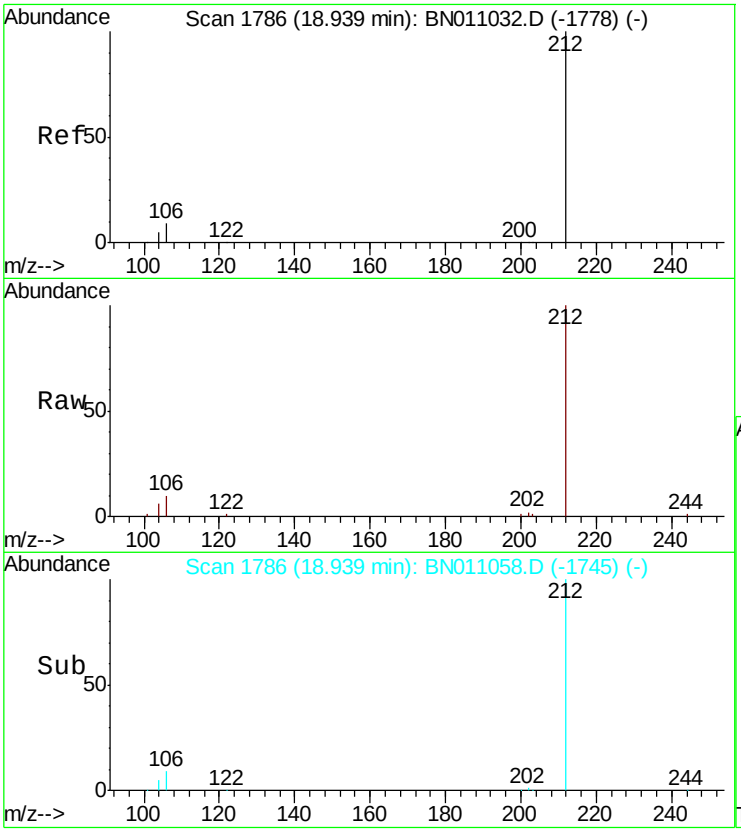


#26
Anthracene
Concen: 0.392 ng
RT: 17.03 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:178 Resp: 9590

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.7	12.2	18.4



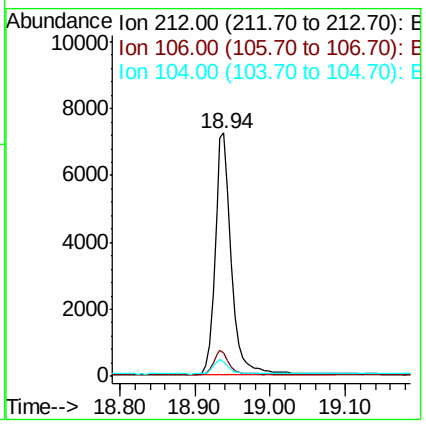


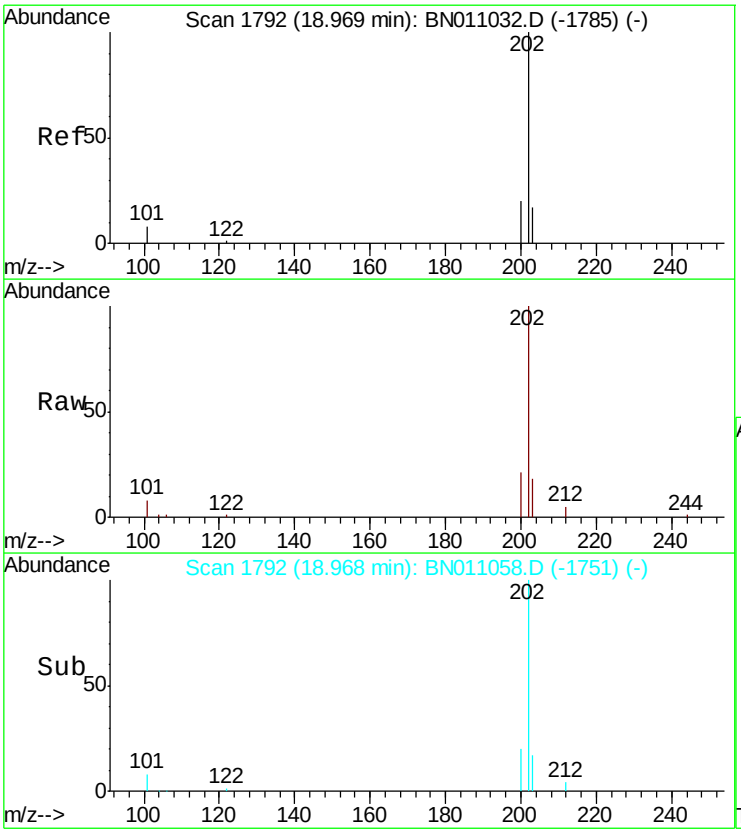
#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.94 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:212 Resp: 11018

Ion	Ratio	Lower	Upper
212	100		
106	9.5	7.7	11.5
104	5.8	4.6	6.8

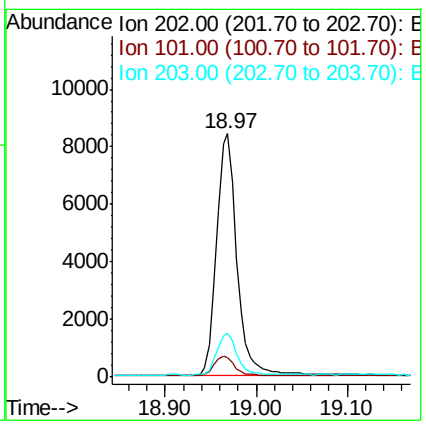


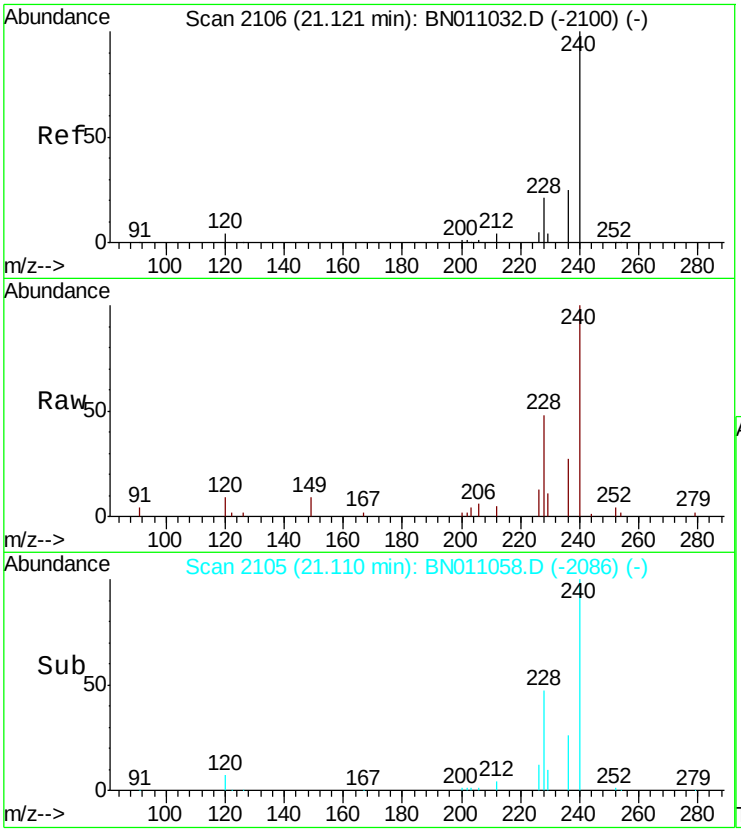


#28
Fluoranthene
Concen: 0.384 ng
RT: 18.97 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:202 Resp: 12920

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	10.0
203	17.1	13.8	20.6



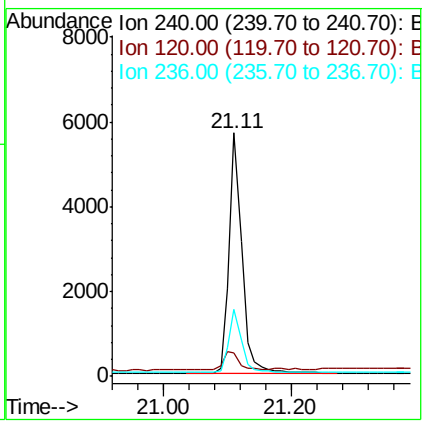


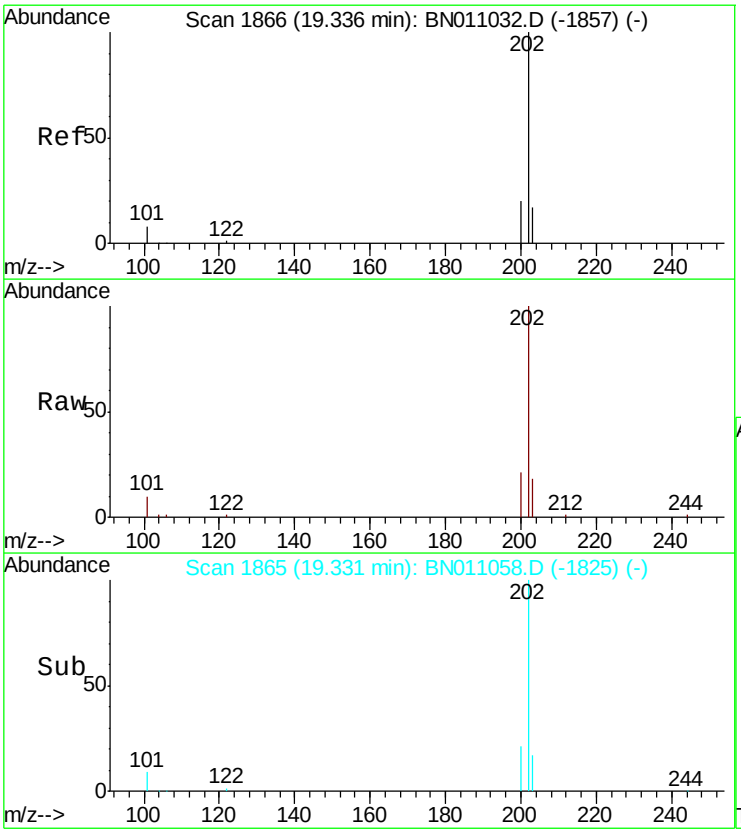
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:240 Resp: 8058

Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.4	8.0#
236	27.5	21.4	32.2

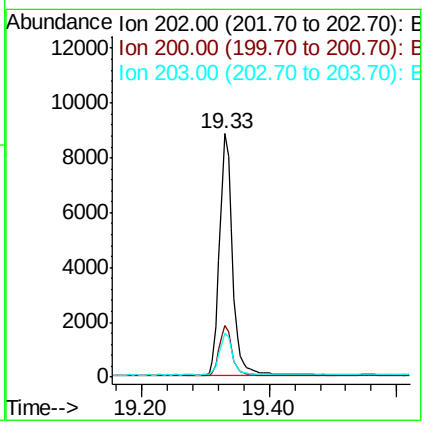


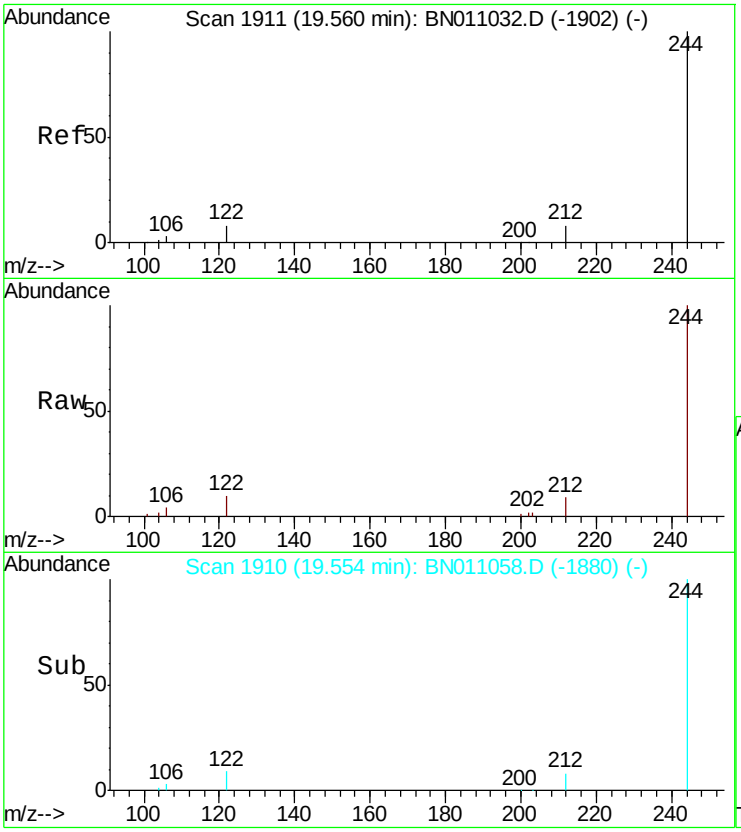


#30
Pyrene
Concen: 0.414 ng
RT: 19.33 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:202 Resp: 12833

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.6	14.2	21.2



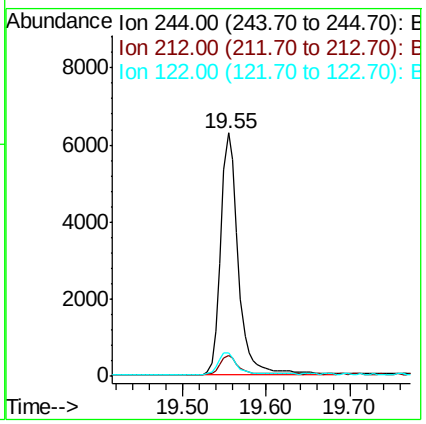


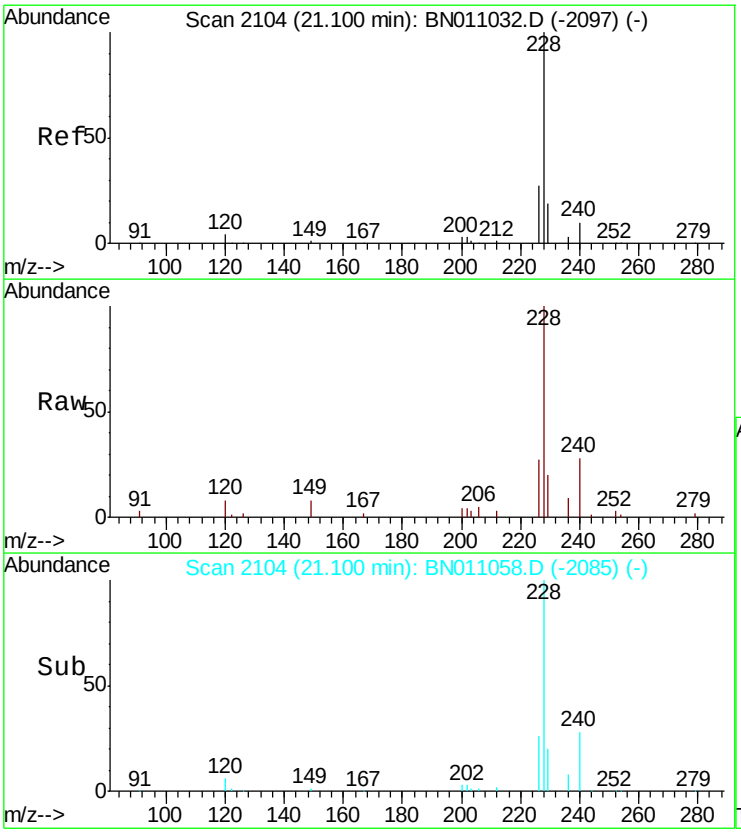
#31
Terphenyl-d14
Concen: 0.424 ng
RT: 19.55 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:244 Resp: 9177

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	9.9	7.4	11.0

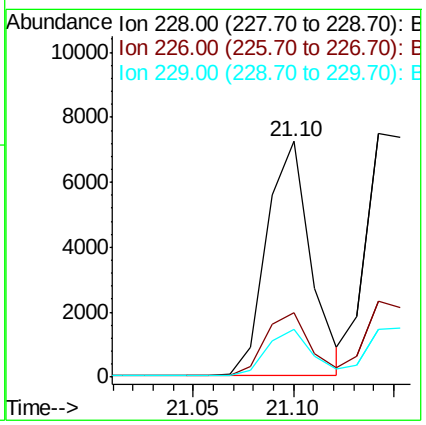


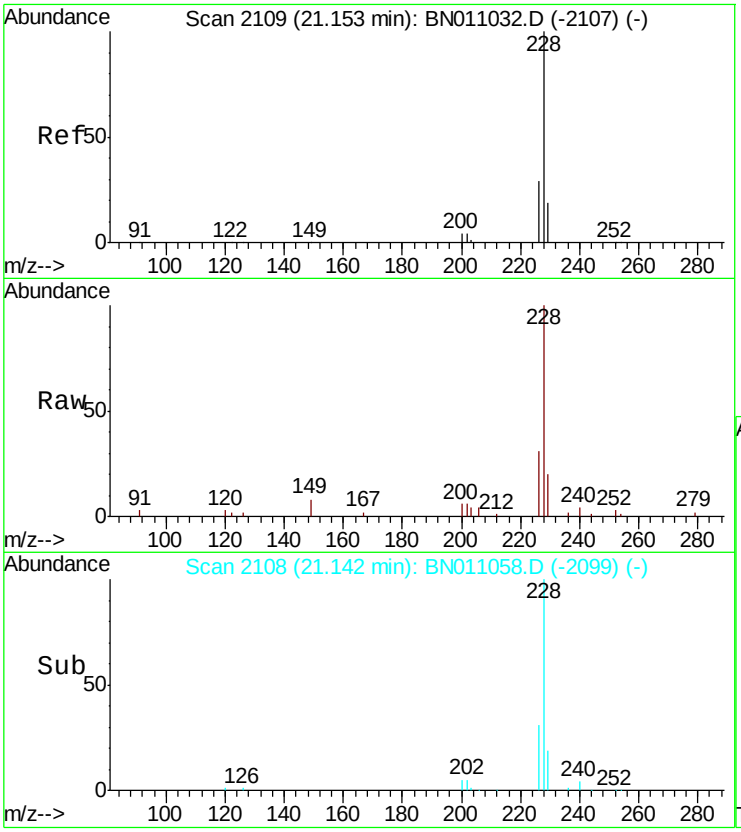


#32
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.10 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:228 Resp: 10928

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	20.4	15.9	23.9



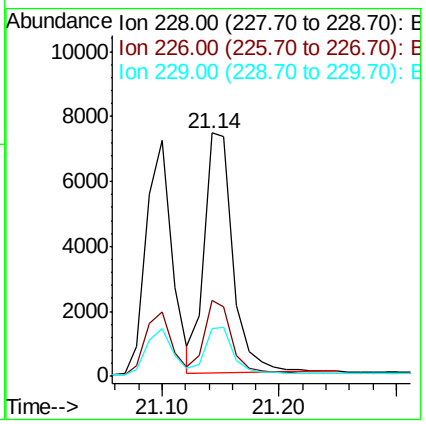


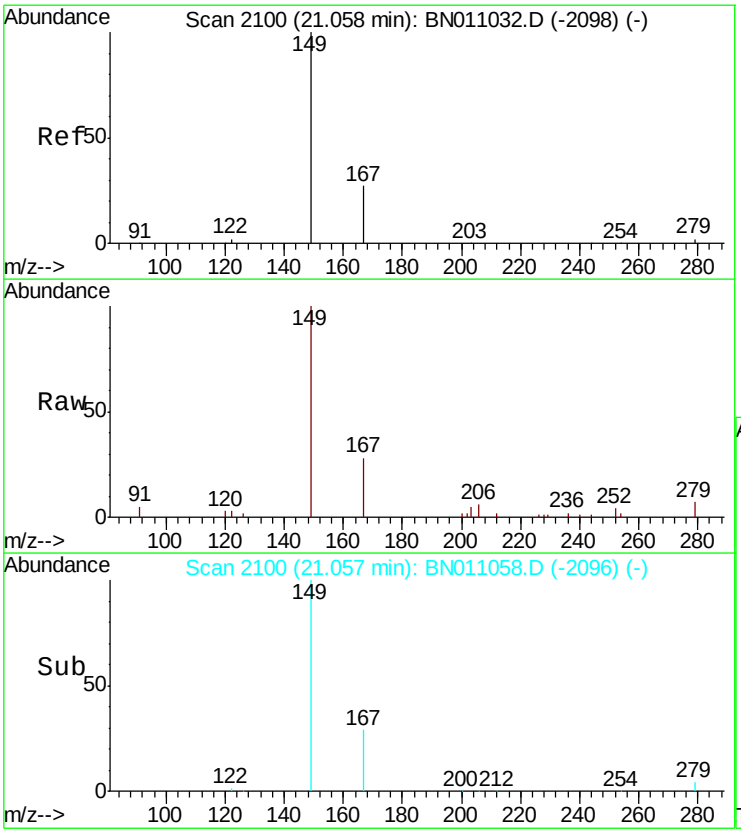
#33
Chrysene
Concen: 0.415 ng
RT: 21.14 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:228 Resp: 12616

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	19.7	15.8	23.6

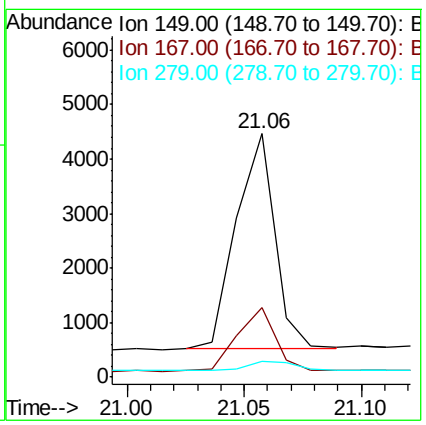


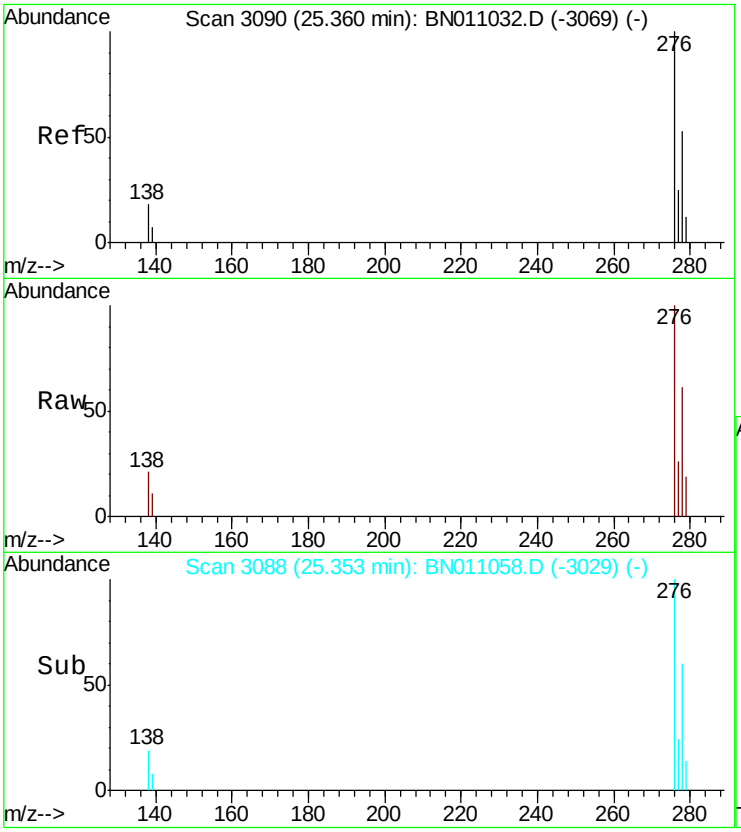


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.401 ng
RT: 21.06 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:149 Resp: 4502

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	4.9	3.9	5.9



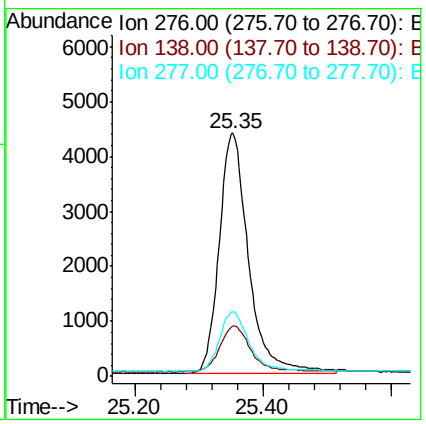


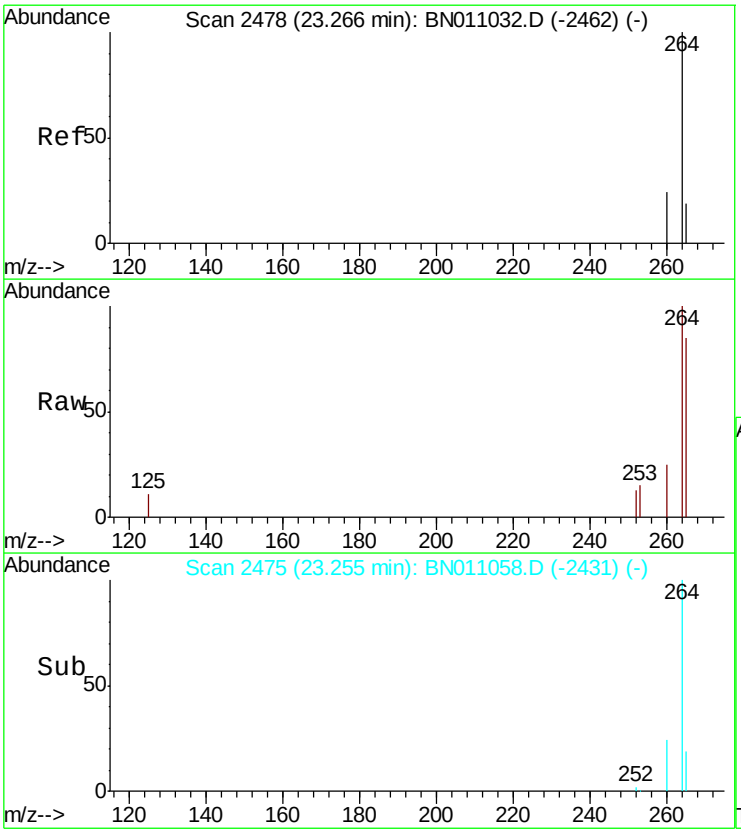
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 25.35 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:276 Resp: 13933

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.2	24.2
277	24.7	19.9	29.9

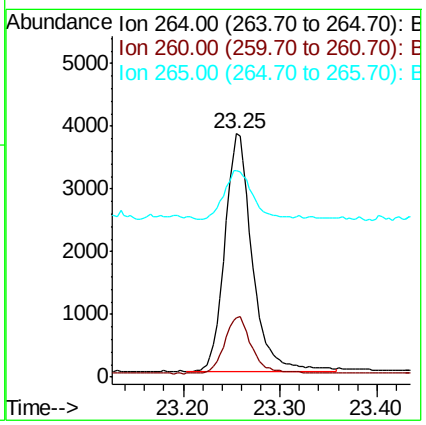


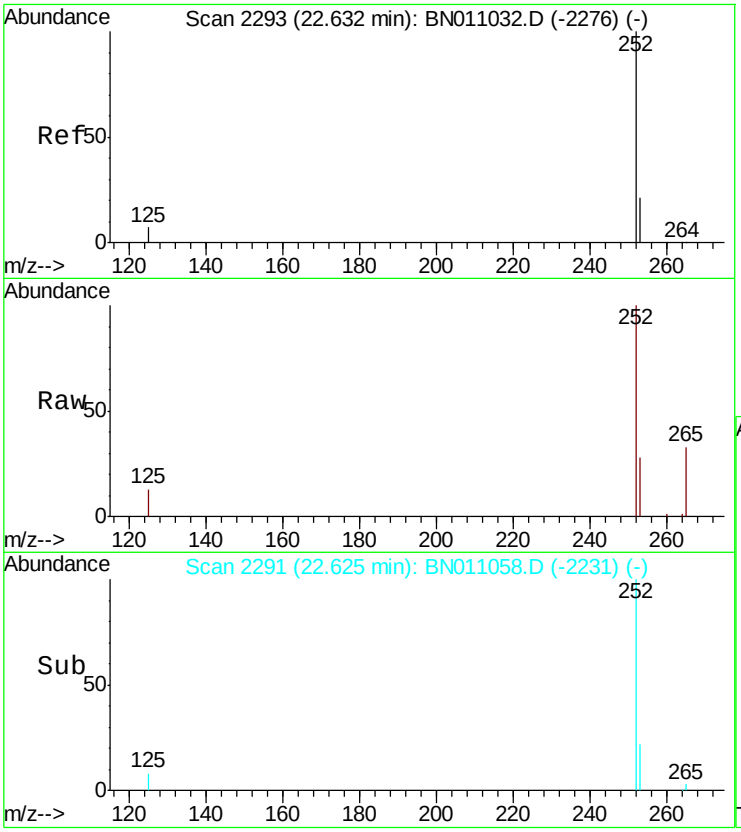


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:264 Resp: 7500

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	85.0	64.9	97.3



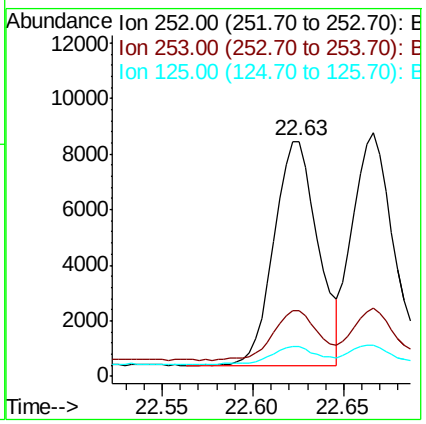


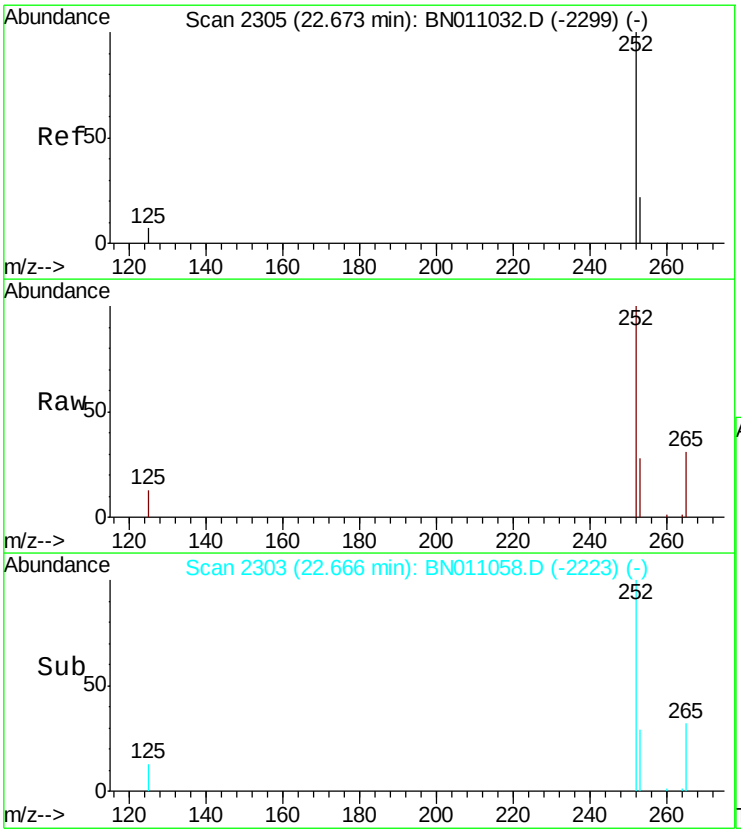
#37
Benzo(b)fluoranthene
Concen: 0.459 ng
RT: 22.63 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:252 Resp: 13602

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.4	32.0
125	12.7	9.3	13.9

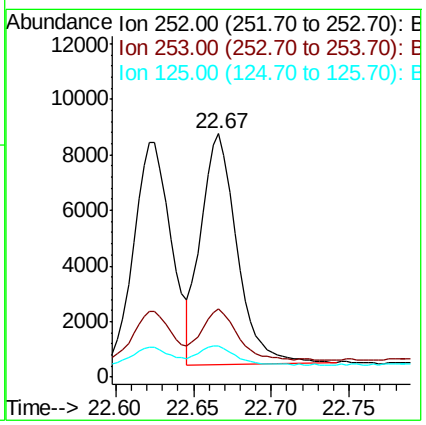


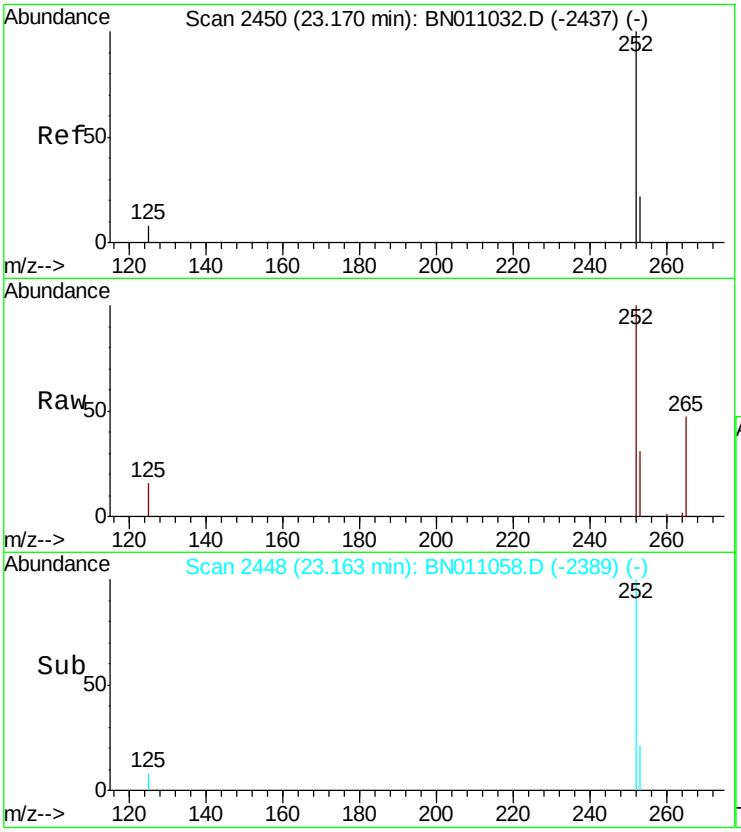


#38
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.67 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:252 Resp: 13339

Ion	Ratio	Lower	Upper
252	100		
253	28.0	21.8	32.6
125	12.9	9.8	14.6



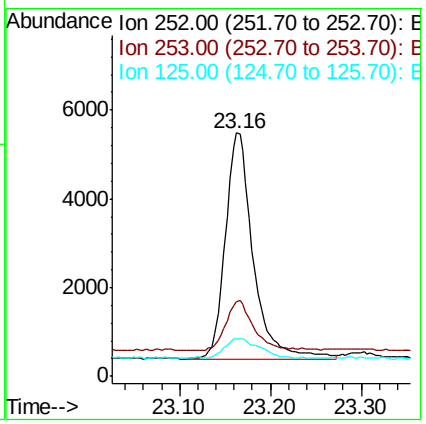


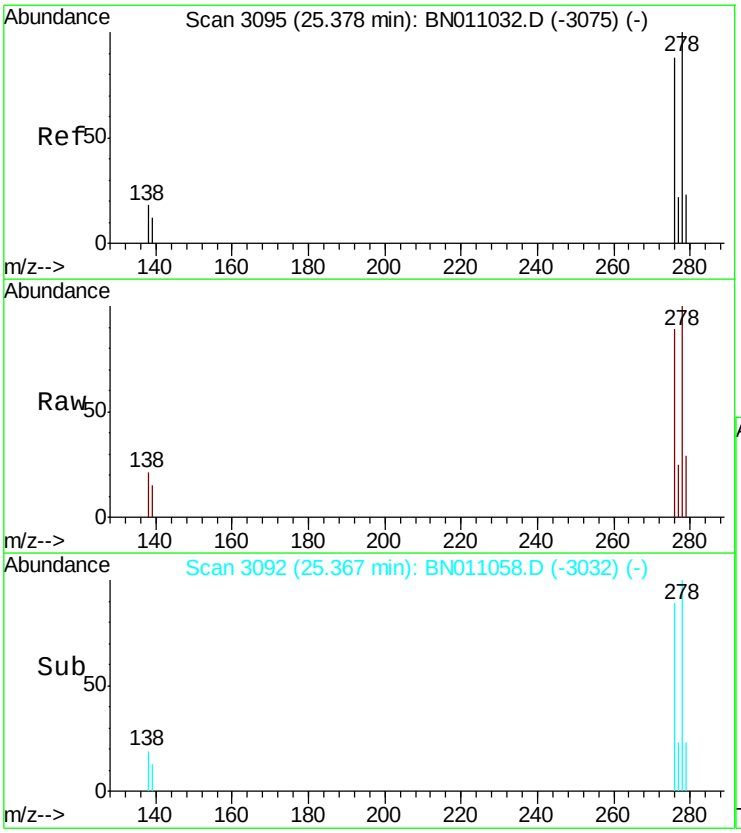
#39
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.16 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:252 Resp: 10788

Ion	Ratio	Lower	Upper
252	100		
253	30.6	23.1	34.7
125	15.6	11.2	16.8

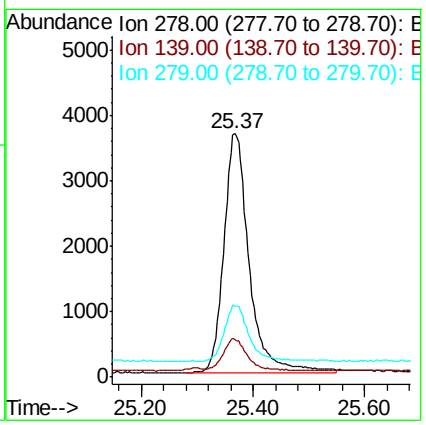


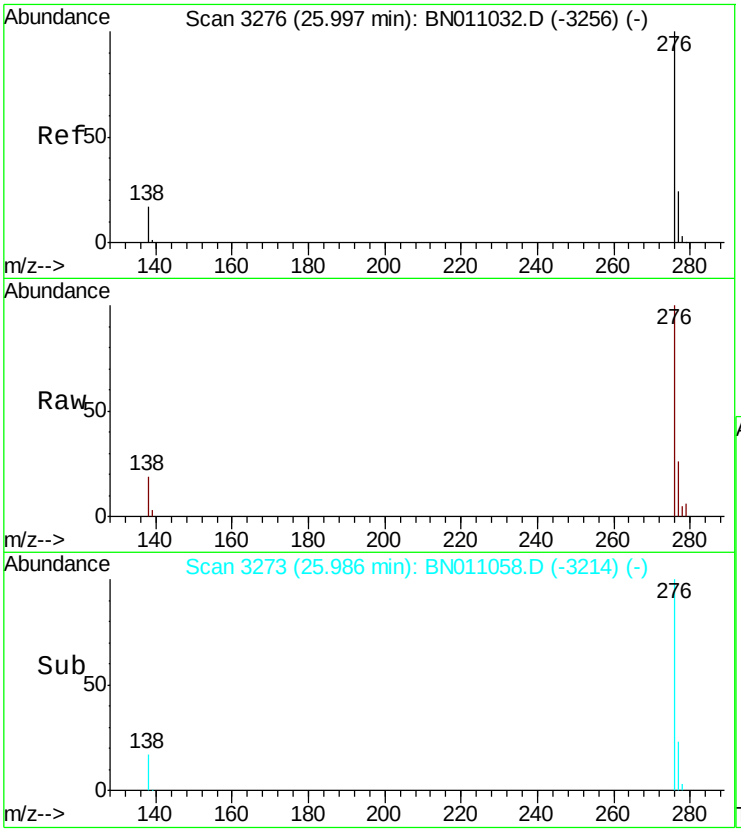


#40
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 25.37 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Tgt Ion:278 Resp: 11475

Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.2	16.8
279	29.2	22.6	34.0





#41
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 25.99 min Scan# 3273
Delta R.T. 0.00 min
Lab File: BN011058.D
Acq: 26 Jun 2020 14:18

Instrument :
BNA_N
ClientSampleId :
PB129798BS

Tgt Ion:276 Resp: 11475

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.4	30.6
138	18.8	15.1	22.7