Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011052.D
Acq On : 24 Jun 2020 17:26
Operator : CG/JU
Sample : L3033-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : Z1-DUP-0572-200616

Quant Time: Jun 24 19:03:33 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	40056	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	46895	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	7396	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	13446	0.40	ng		0.00
29) Chrysene-d12	21.11	240	12195	0.40	ng		0.00
36) Perylene-d12	23.25	264	12386	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3436	0.03	ng		0.03
5) Phenol-d6	6.77	99	4122	0.03	ng		0.06
8) Nitrobenzene-d5	8.72	82	47337	1.11	ng		0.08
11) 2-Methylnaphthalene-d10	11.87	152	7524	0.09	ng		0.01
14) 2,4,6-Tribromophenol	15.65	330	1631	0.50	ng		0.01
15) 2-Fluorobiphenyl	12.77	172	12160	0.35	ng		0.01
27) Fluoranthene-d10	18.94	212	14389	0.34	ng		0.00
31) Terphenyl-d14	19.55	244	14407	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	10837365	201.252	ng		99
3) n-Nitrosodimethylamine	3.52	42	730607	24.319	ng	#	1
6) bis(2-Chloroethyl)ether	6.99	93	3377049	29.242	ng		96
9) Naphthalene	10.33	128	1441287	10.119	ng		98
12) 2-Methylnaphthalene	11.95	142	135228	1.418	ng	#	93
16) Acenaphthylene	13.84	152	976	0.026	ng	#	1
17) Acenaphthene	14.21	154	1454	0.058	ng	#	18
18) Fluorene	15.21	166	2877	0.090	ng	#	57
20) 4,6-Dinitro-2-methylphenol	15.36	198	1096	0.487	ng	#	1
23) Atrazine	16.36	200	3446	0.501	ng	#	52
25) Phenanthrene	16.93	178	2374	0.052	ng	#	60
26) Anthracene	17.03	178	1519	0.040	ng	#	1
28) Fluoranthene	18.97	202	1137	0.022	ng	#	89
32) Benzo(a)anthracene	21.12	228	1066	0.025	ng	#	1
34) Bis(2-ethylhexyl)phthalate	21.05	149	8472	0.499	ng	#	86

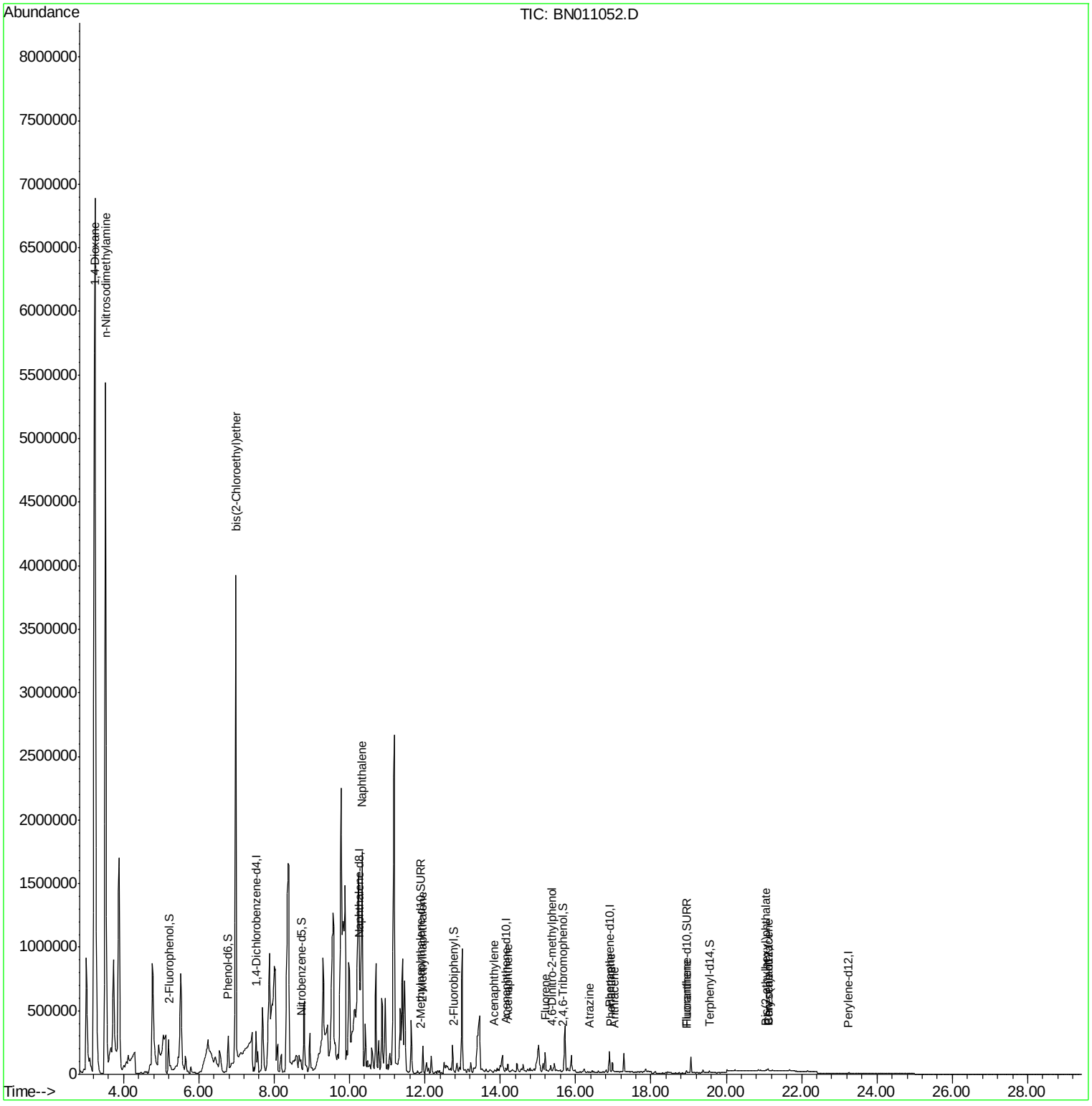
(#) = qualifier out of range (m) = manual integration (+) = signals summed

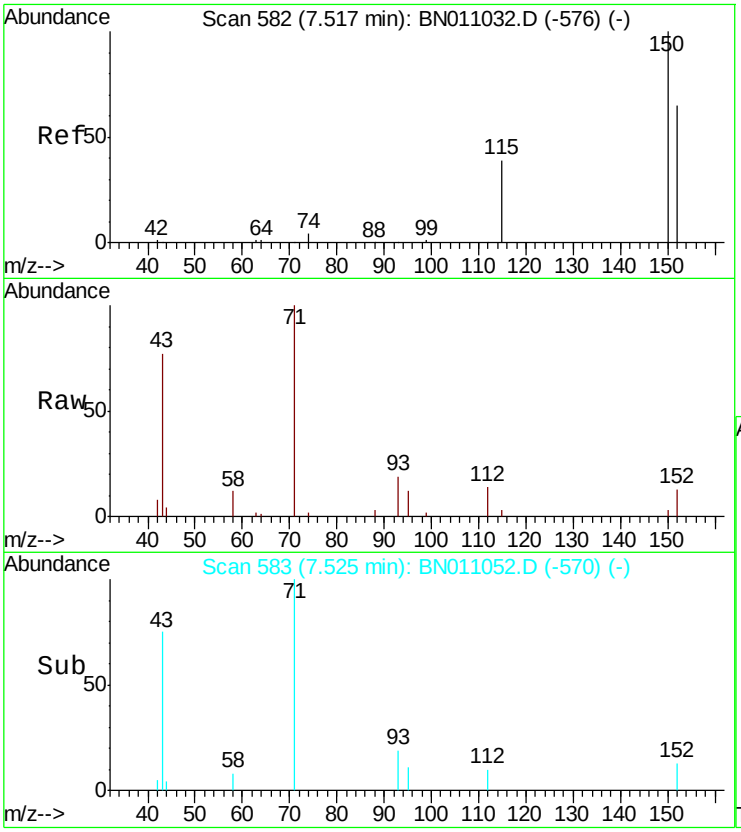
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011052.D
Acq On : 24 Jun 2020 17:26
Operator : CG/JU
Sample : L3033-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Quant Time: Jun 24 19:03:33 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



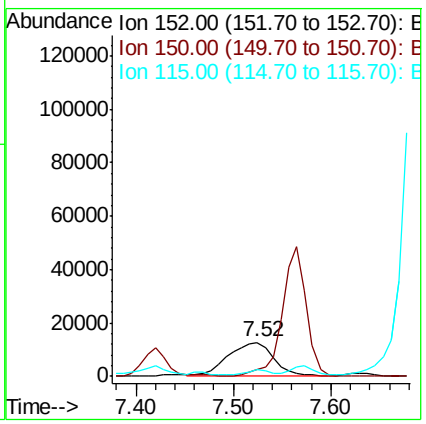


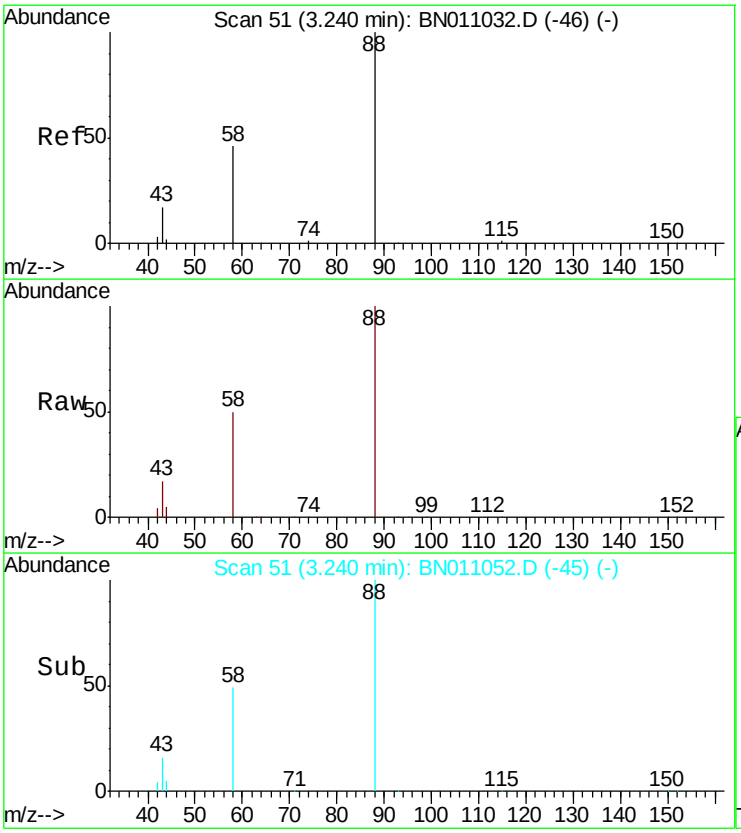
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:152 Resp: 40056

Ion	Ratio	Lower	Upper
152	100		
150	21.7	121.8	182.8#
115	21.3	50.2	75.2#

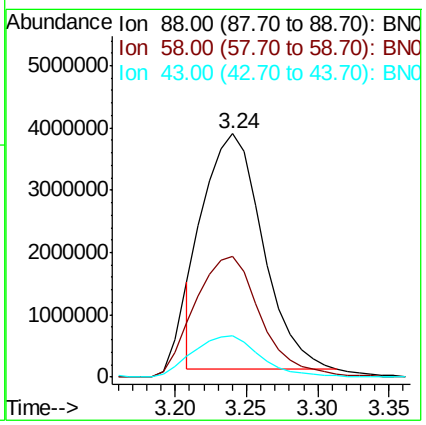


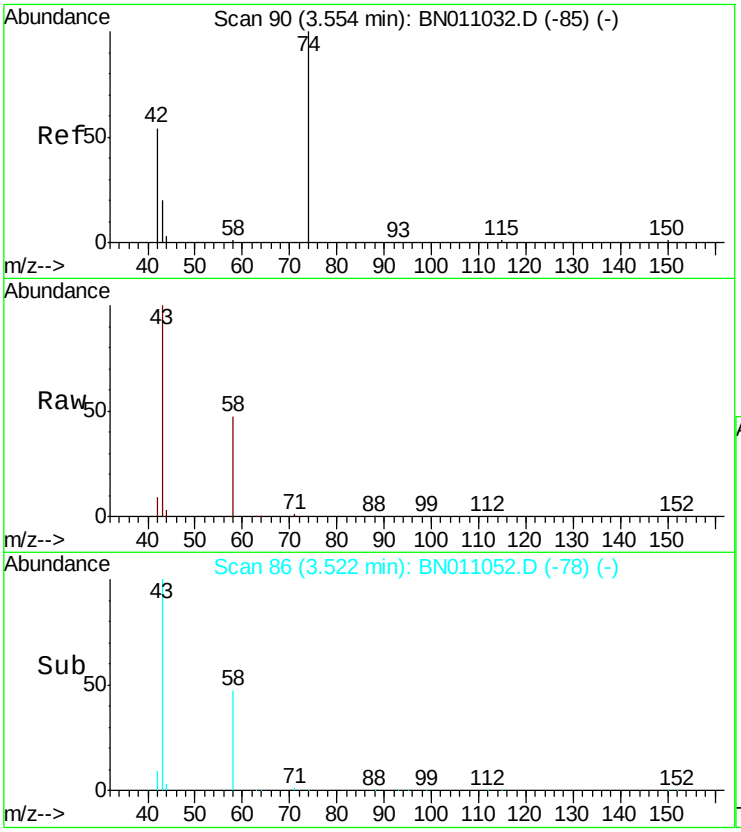


#2
1,4-Dioxane
Concen: 201.252 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion: 88 Resp:10837365

Ion	Ratio	Lower	Upper
88	100		
58	48.1	38.4	57.6
43	16.6	14.2	21.4



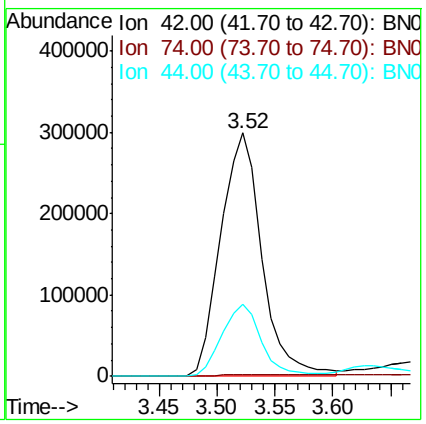


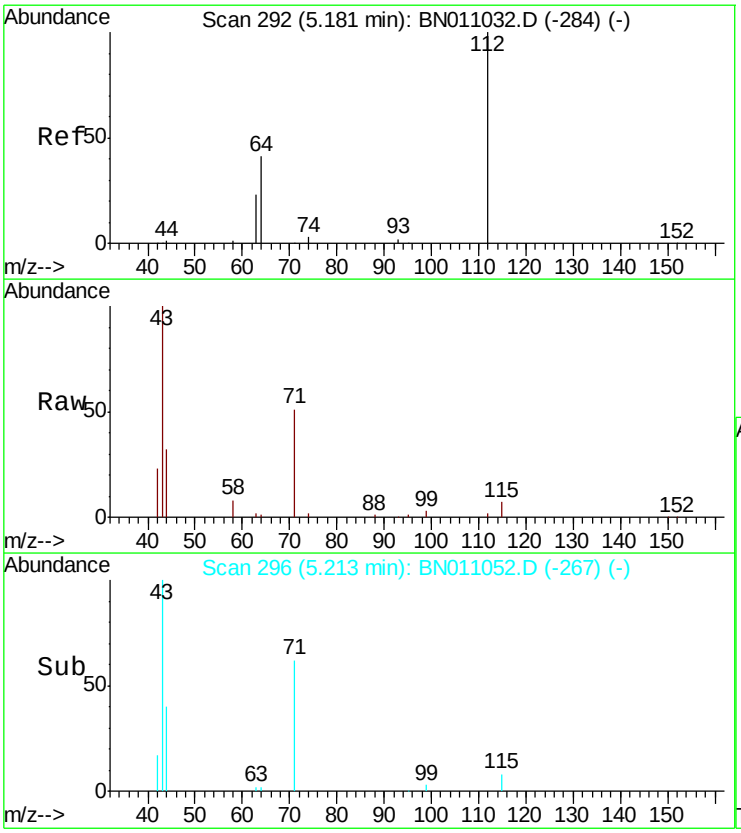
#3
n-Nitrosodimethylamine
Concen: 24.319 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.03 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion: 42 Resp: 730607

Ion	Ratio	Lower	Upper
42	100		
74	1.3	154.8	232.2#
44	28.2	4.8	7.2#

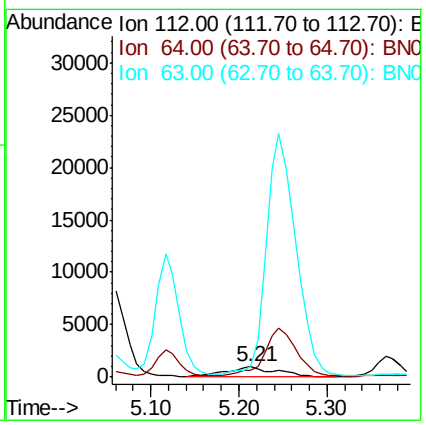


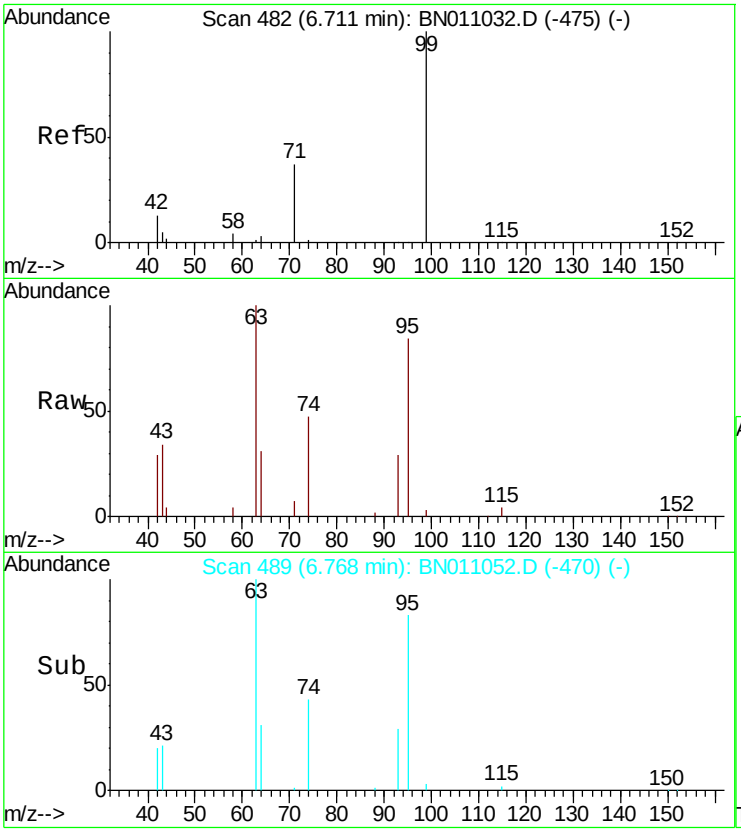


#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.21 min Scan# 296
Delta R.T. 0.03 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:112 Resp: 3436

Ion	Ratio	Lower	Upper
112	100		
64	0.0	37.3	55.9#
63	0.0	20.4	30.6#



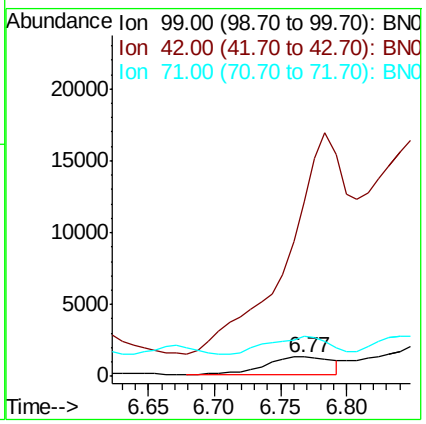


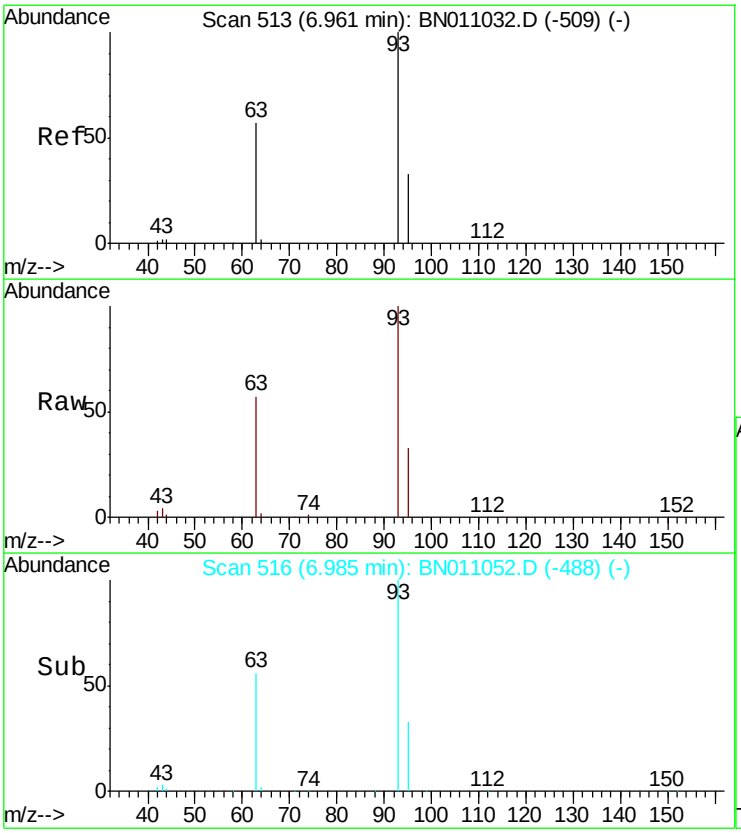
#5
Phenol-d6
Concen: 0.031 ng
RT: 6.77 min Scan# 489
Delta R.T. 0.06 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion: 99 Resp: 4122

Ion	Ratio	Lower	Upper
99	100		
42	1251.4	10.6	16.0#
71	95.0	28.7	43.1#

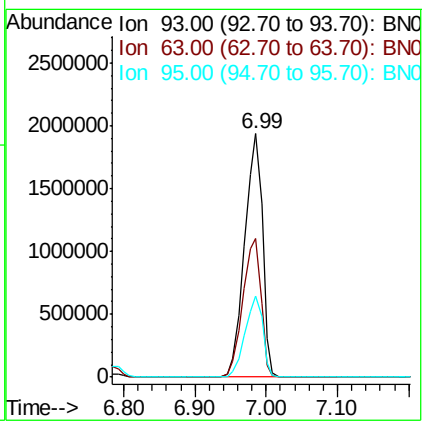


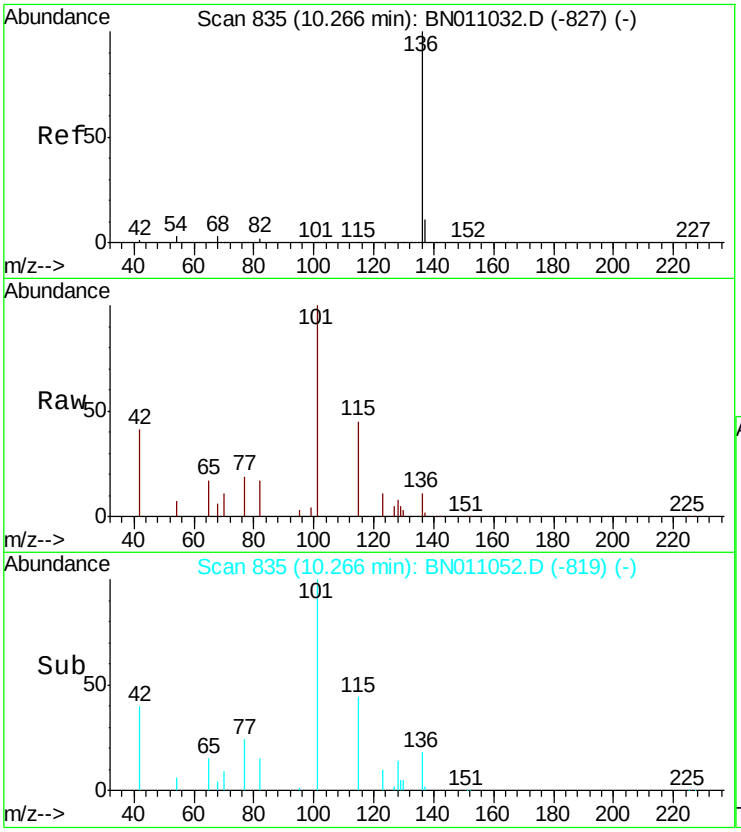


#6
bis(2-Chloroethyl)ether
Concen: 29.242 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.02 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion: 93 Resp: 3377049

Ion	Ratio	Lower	Upper
93	100		
63	58.0	43.7	65.5
95	33.1	25.3	37.9



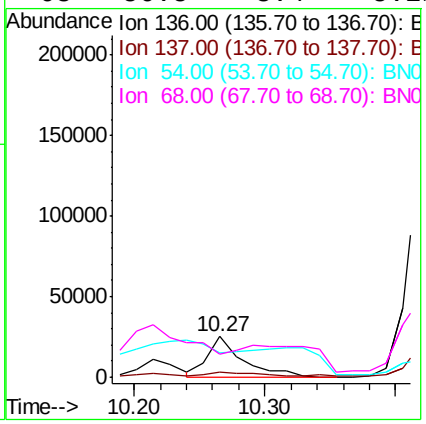


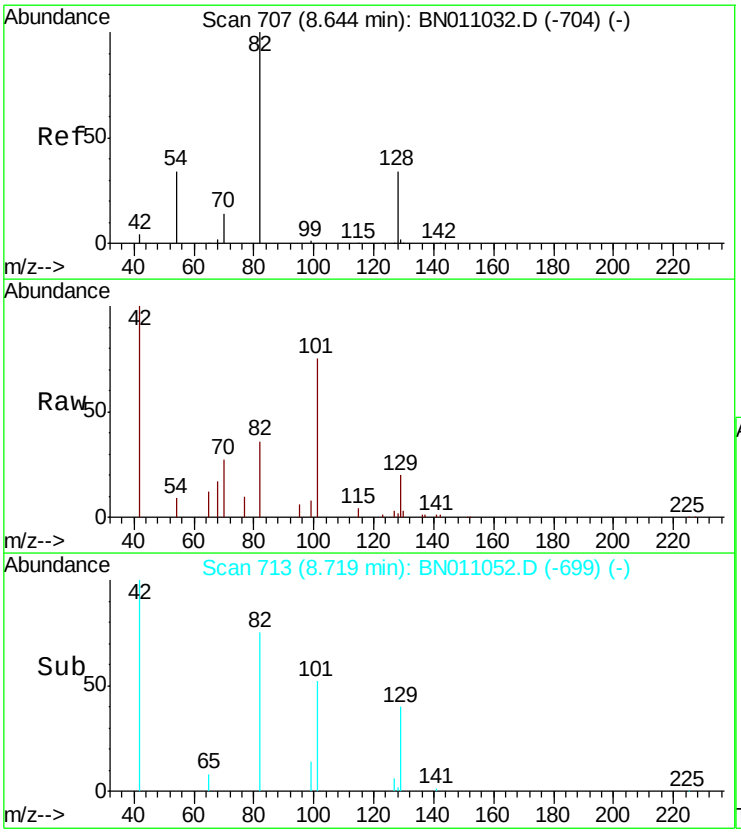
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:136 Resp: 46895

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.6	14.4
54	60.4	3.0	4.4#
68	56.5	3.4	5.2#

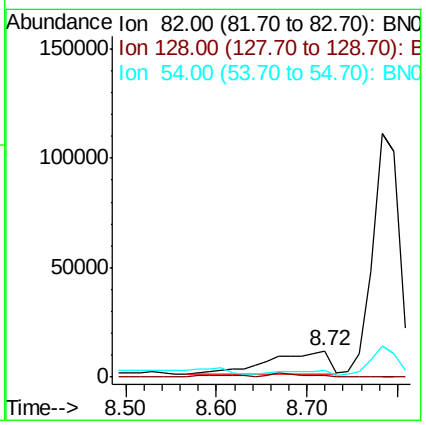


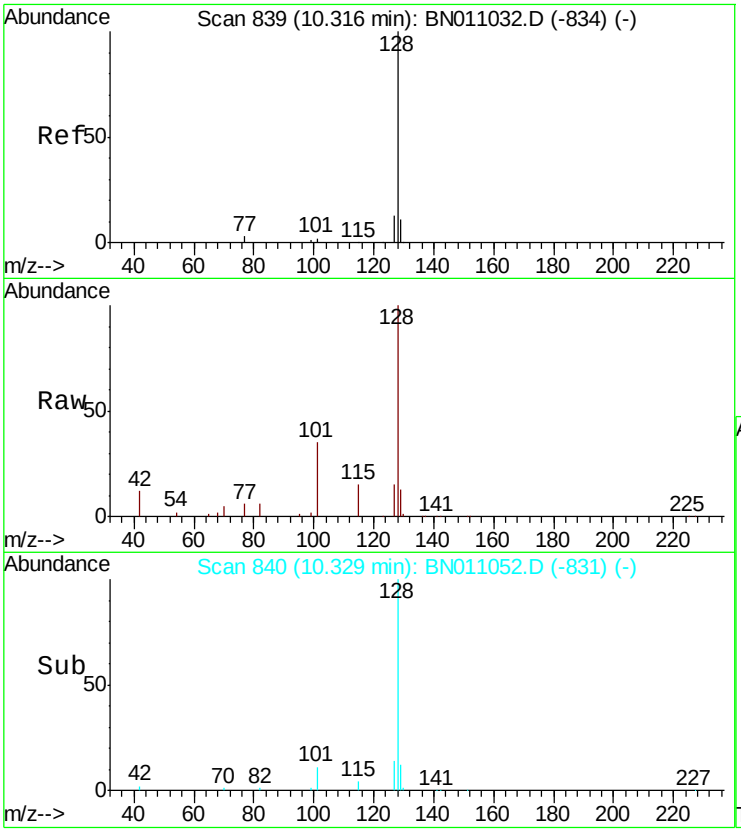


#8
Nitrobenzene-d5
Concen: 1.108 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.08 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion: 82 Resp: 47337

Ion	Ratio	Lower	Upper
82	100		
128	4.5	29.4	44.2#
54	24.5	28.8	43.2#



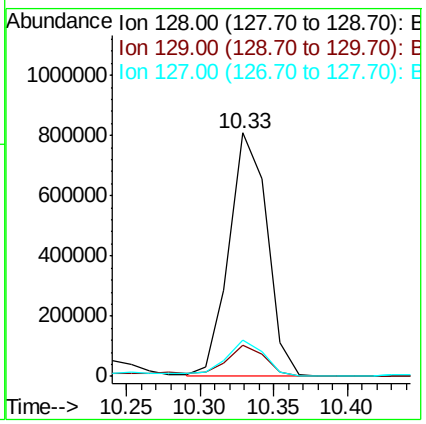


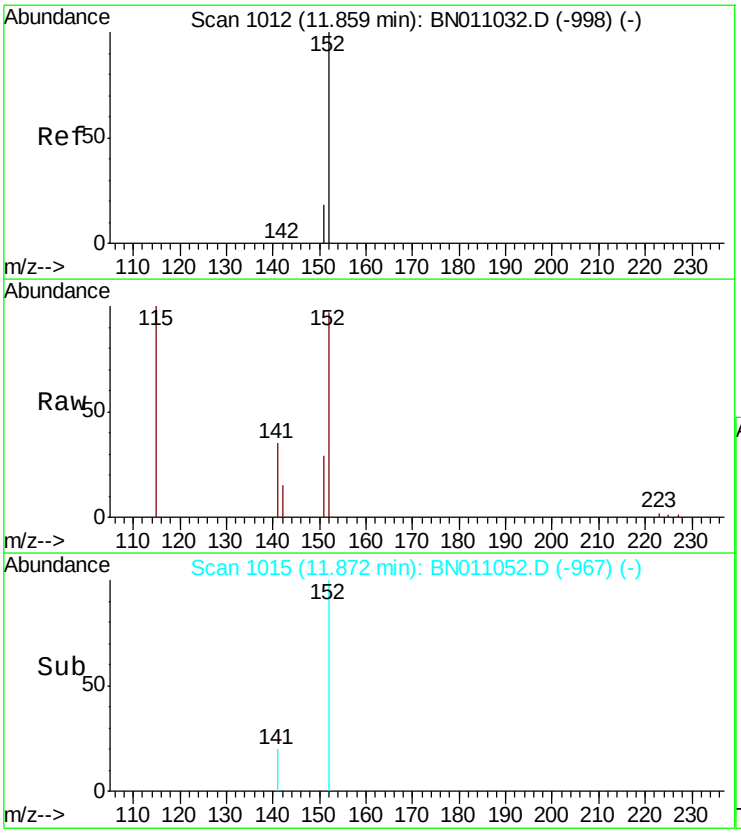
#9
Naphthalene
Concen: 10.119 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:128 Resp: 1441287

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	14.7	10.9	16.3

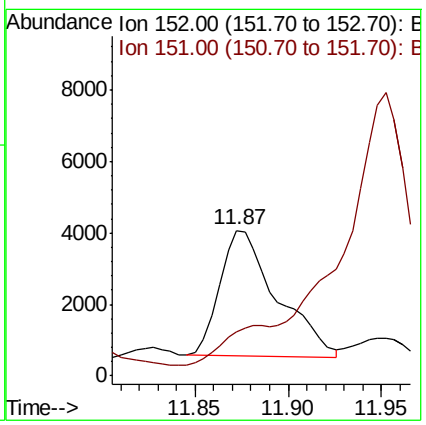


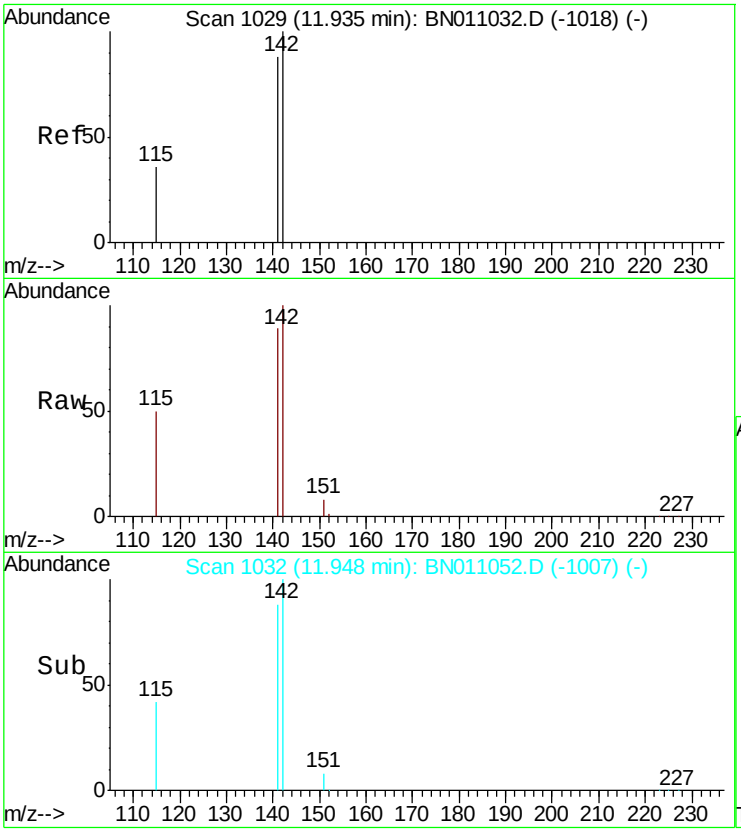


#11
2-Methylnaphthalene-d10
Concen: 0.091 ng
RT: 11.87 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:152 Resp: 7524

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.2	24.4#



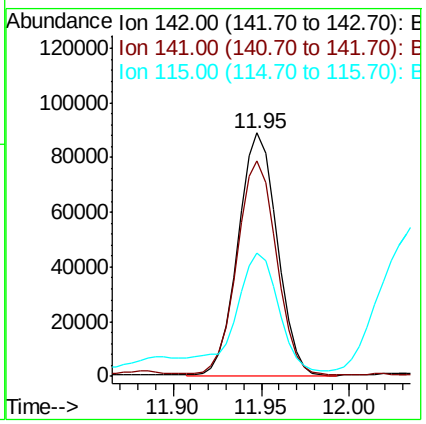


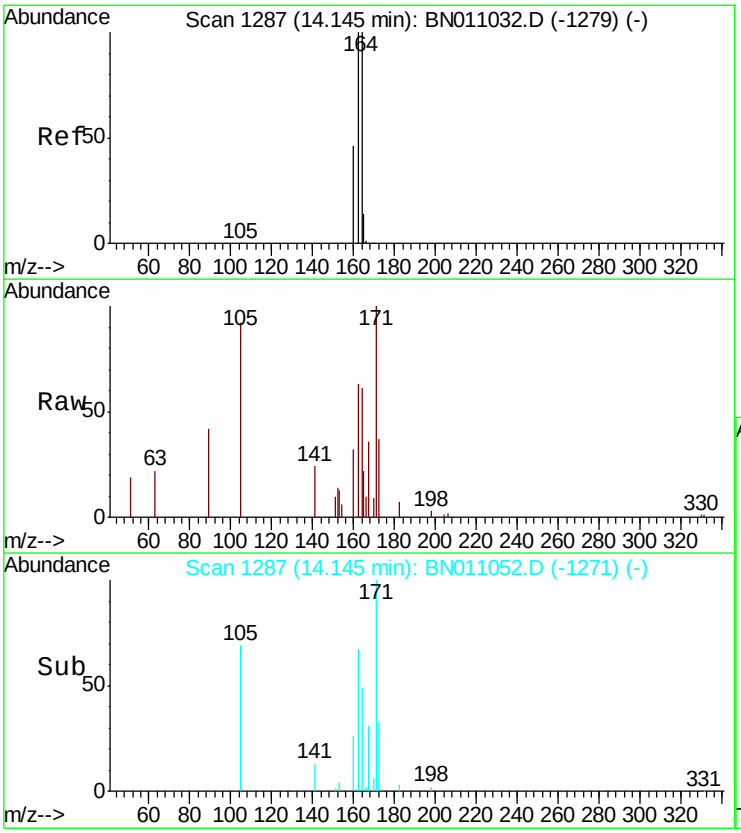
#12
2-Methylnaphthalene
Concen: 1.418 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:142 Resp: 135228

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	50.5	30.2	45.2#

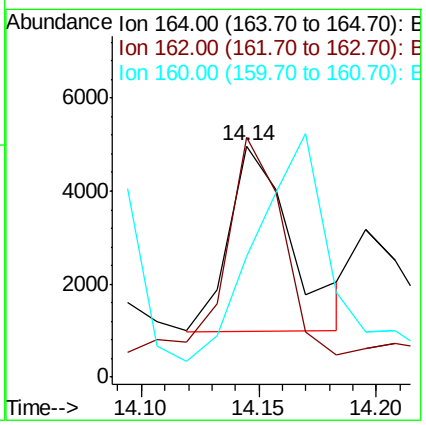


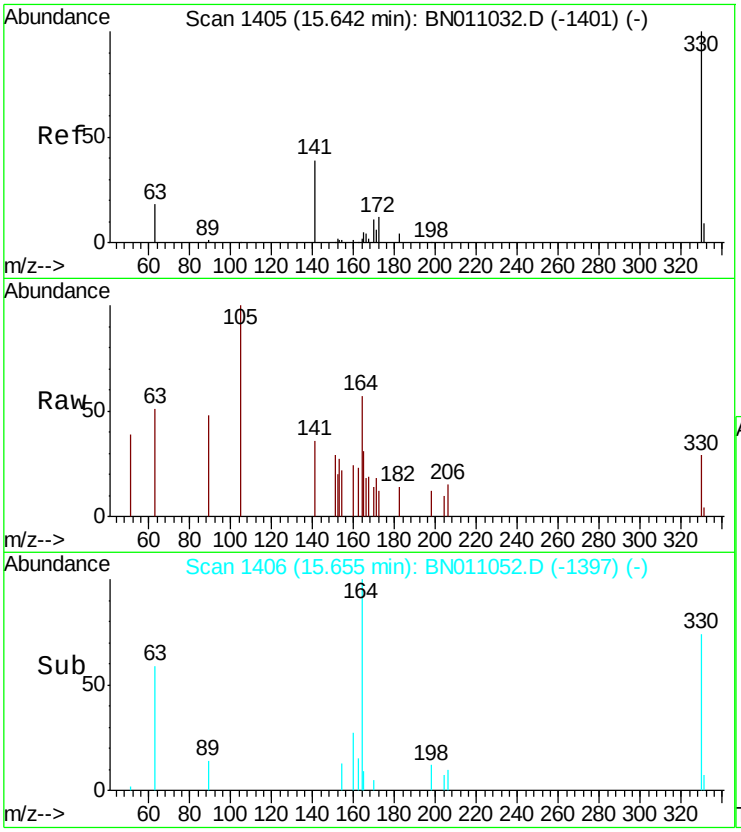


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:164 Resp: 7396

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.4
160	52.3	37.7	56.5



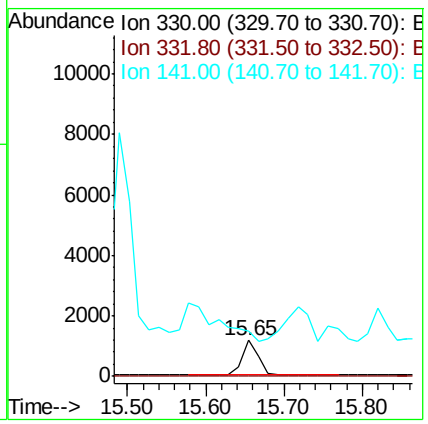


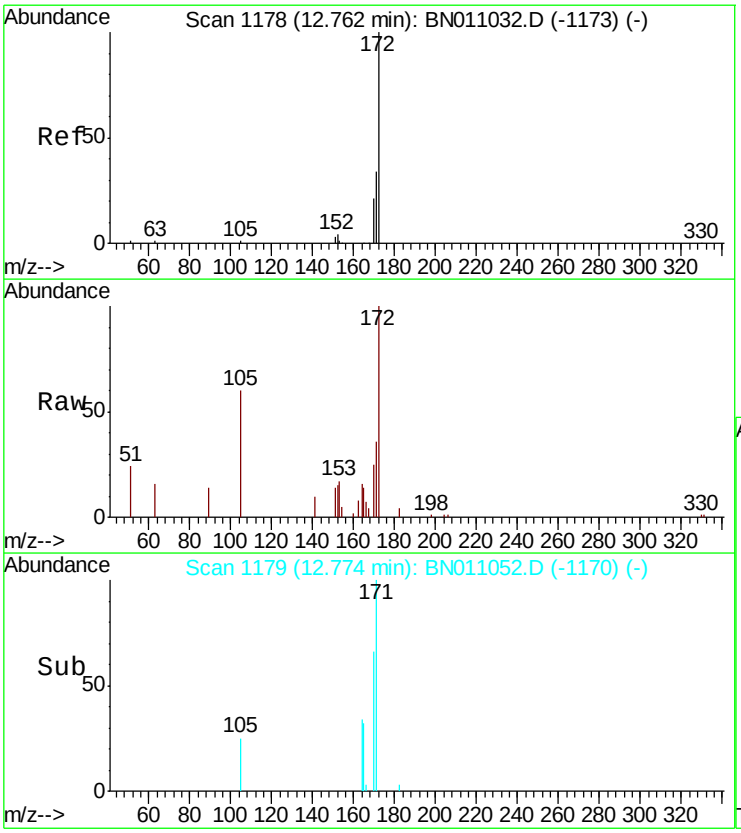
#14
2,4,6-Tribromophenol
Concen: 0.502 ng
RT: 15.65 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:330 Resp: 1631

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

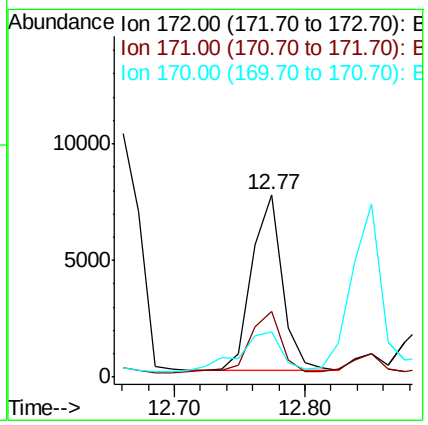


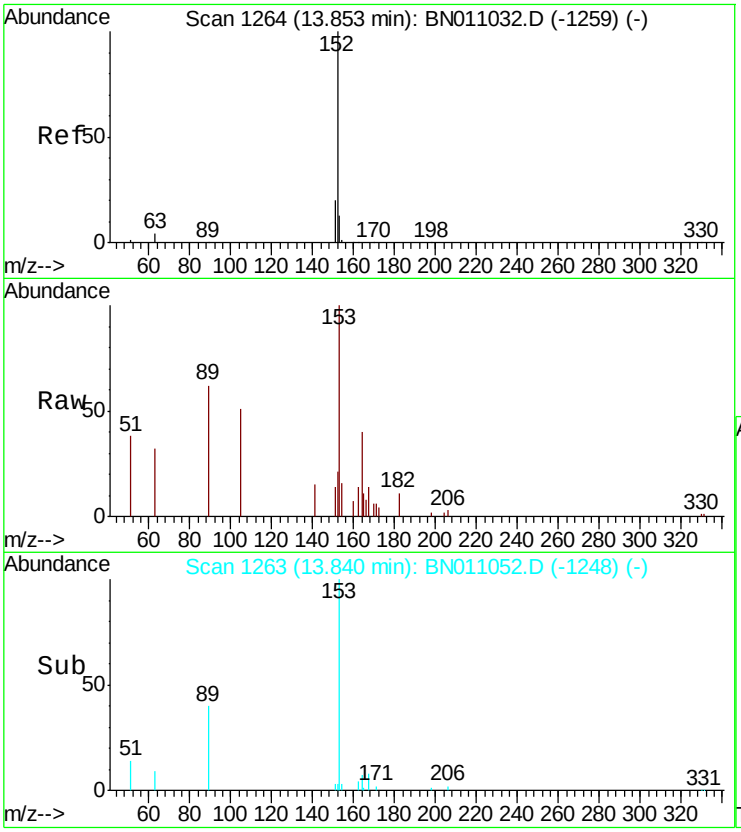


#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:172 Resp: 12160

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.4	41.2
170	25.0	17.5	26.3



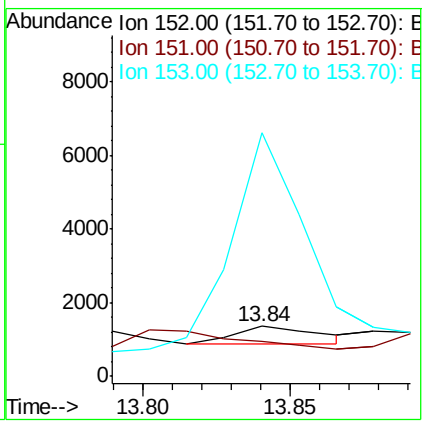


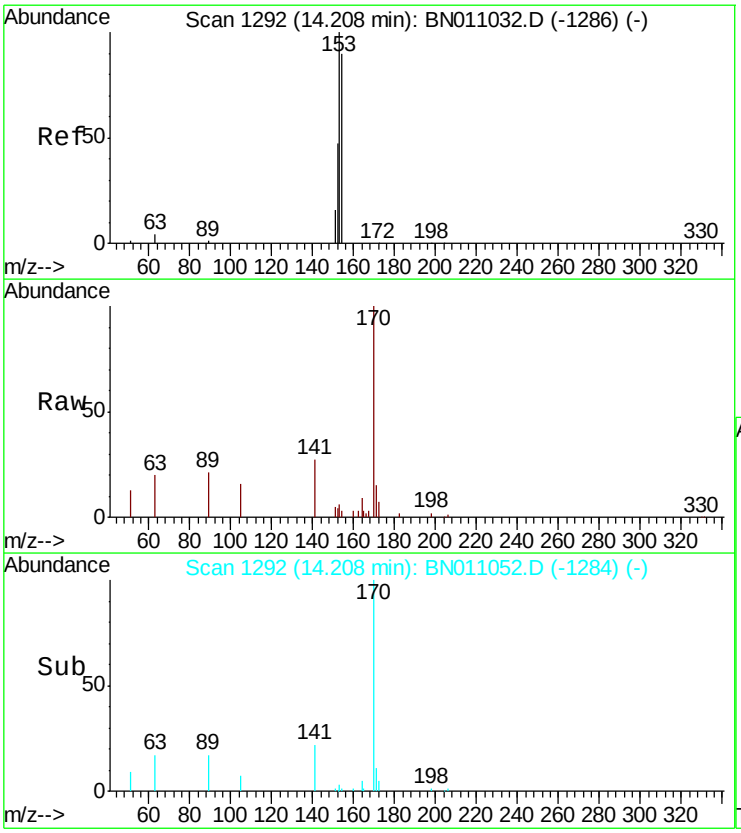
#16
Acenaphthylene
Concen: 0.026 ng
RT: 13.84 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:152 Resp: 976

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.6	23.4#
153	1214.8	10.2	15.2#

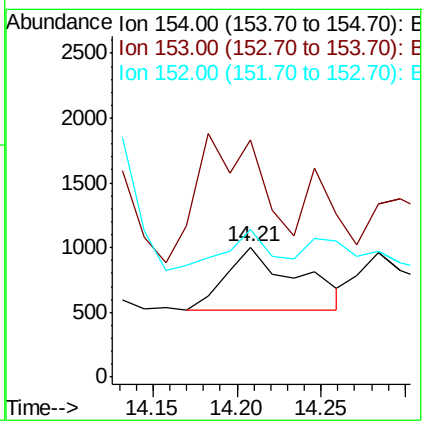


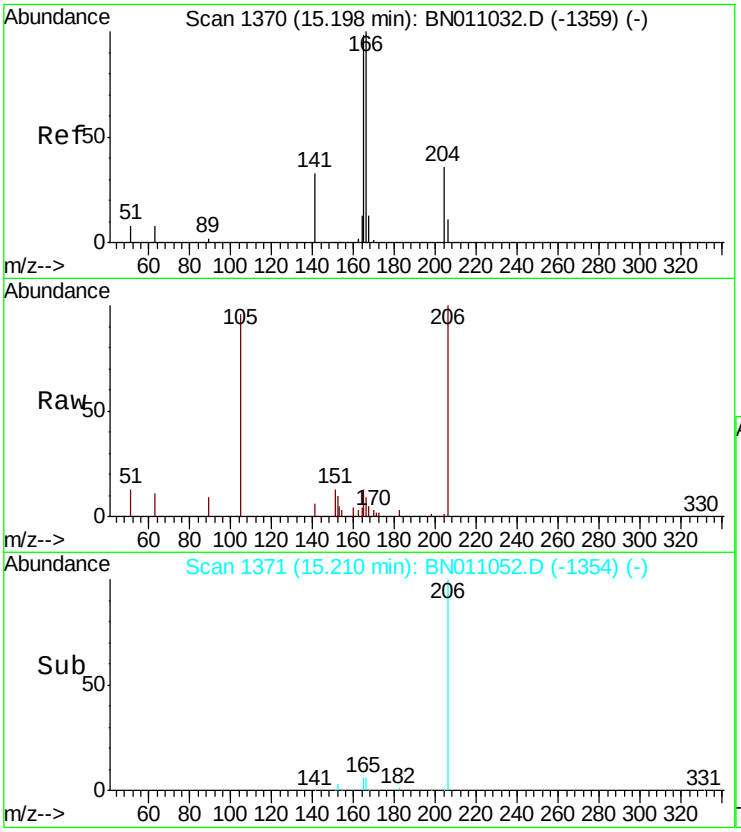


#17
Acenaphthene
Concen: 0.058 ng
RT: 14.21 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:154 Resp: 1454

Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.3	138.5#
152	32.7	45.5	68.3#



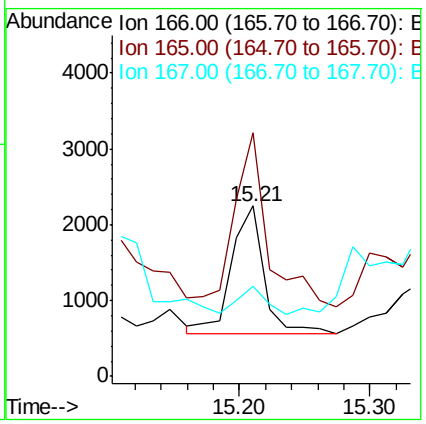


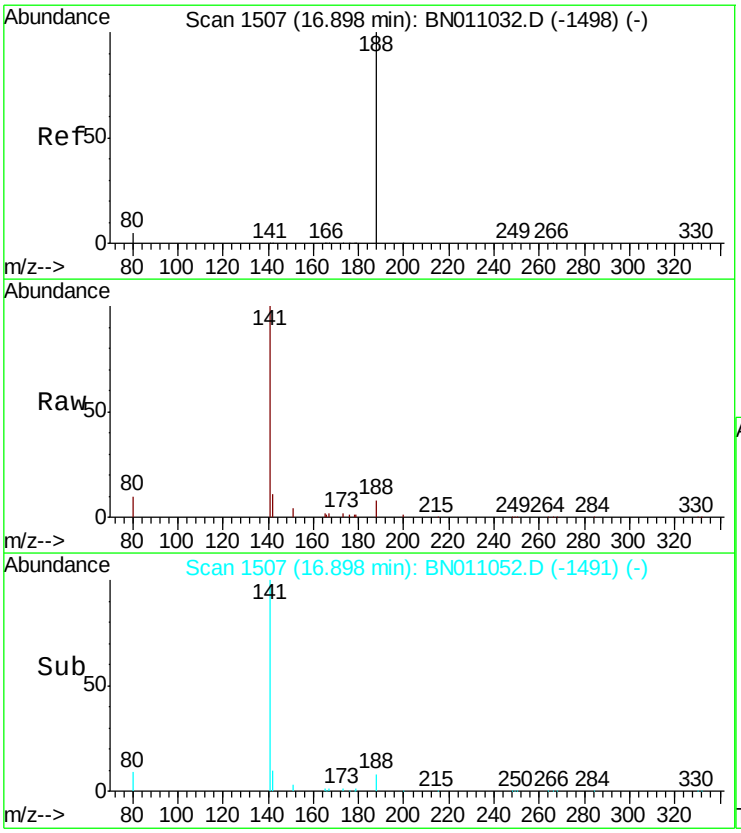
#18
Fluorene
Concen: 0.090 ng
RT: 15.21 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:166 Resp: 2877

Ion	Ratio	Lower	Upper
166	100		
165	144.0	77.8	116.8#
167	18.6	10.8	16.2#

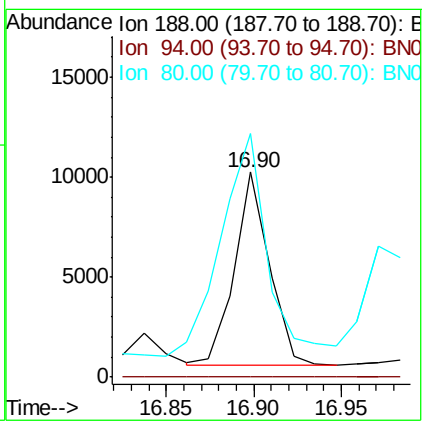


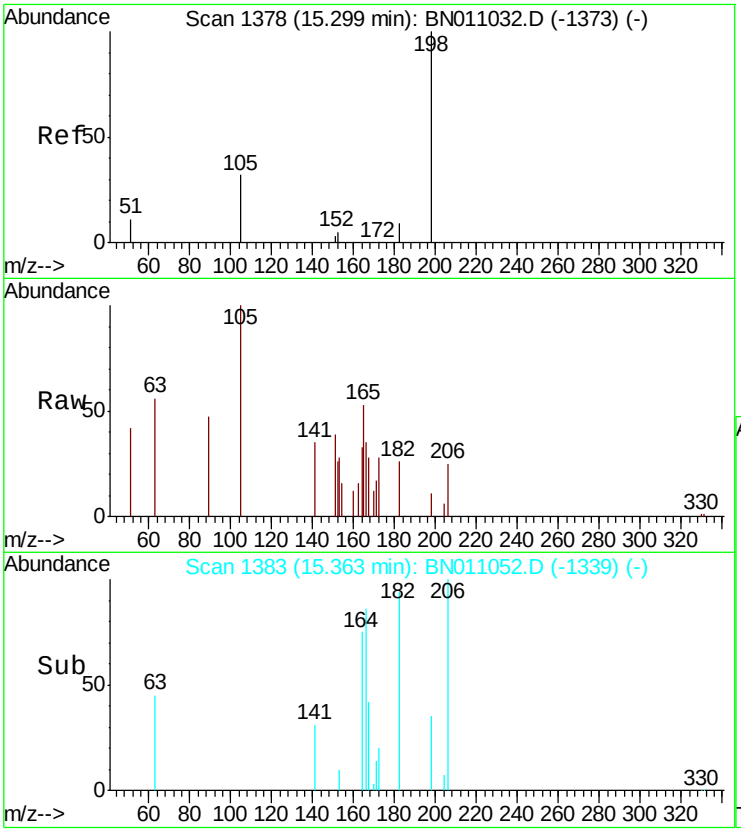


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:188 Resp: 13446

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	118.8	4.6	7.0#



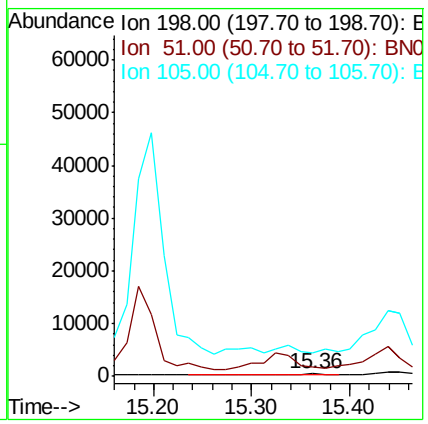


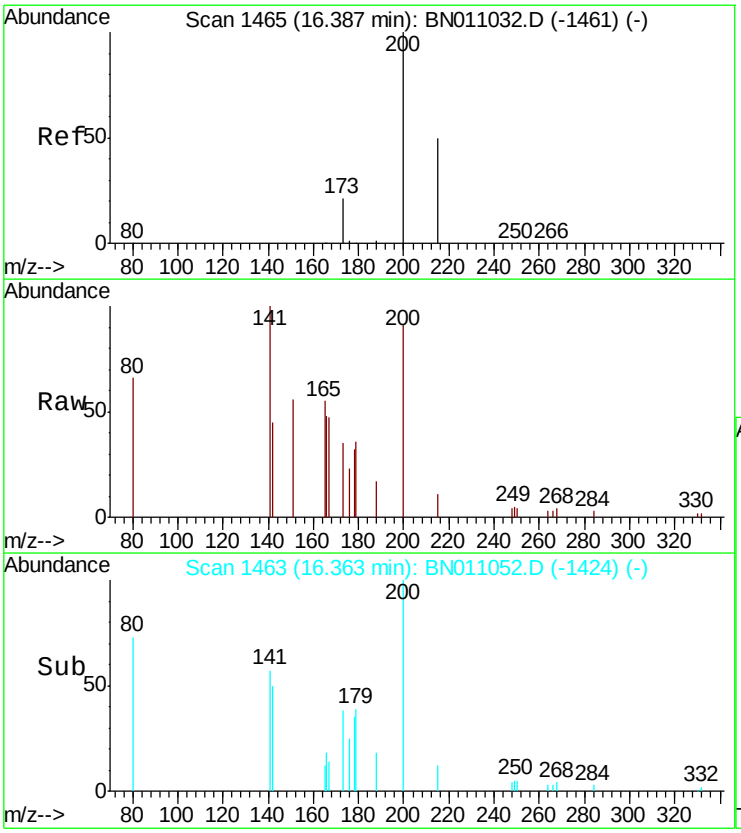
#20
4,6-Dinitro-2-methylphenol
Concen: 0.487 ng
RT: 15.36 min Scan# 1383
Delta R.T. 0.06 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:198 Resp: 1096

Ion	Ratio	Lower	Upper
198	100		
51	377.9	29.5	44.3#
105	910.6	39.2	58.8#

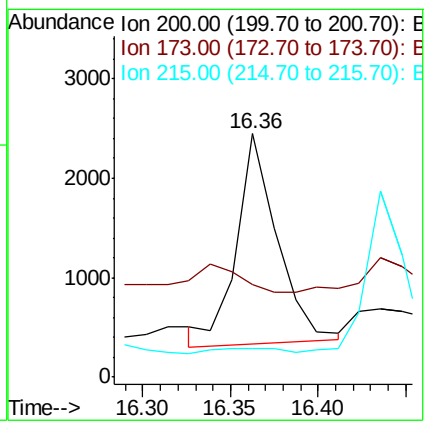


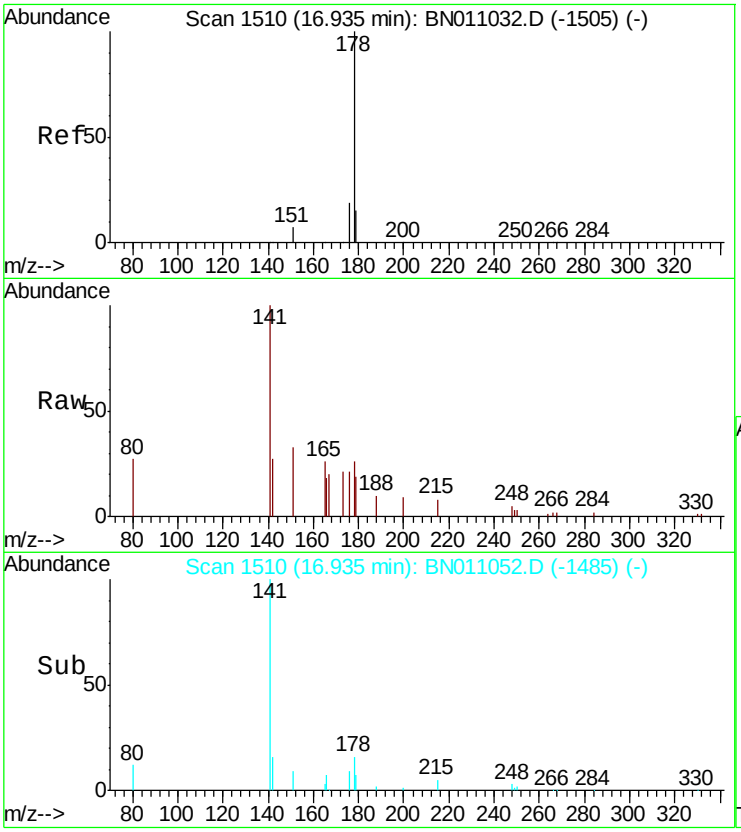


#23
Atrazine
Concen: 0.501 ng
RT: 16.36 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:200 Resp: 3446

Ion	Ratio	Lower	Upper
200	100		
173	38.0	19.4	29.2#
215	11.8	41.5	62.3#



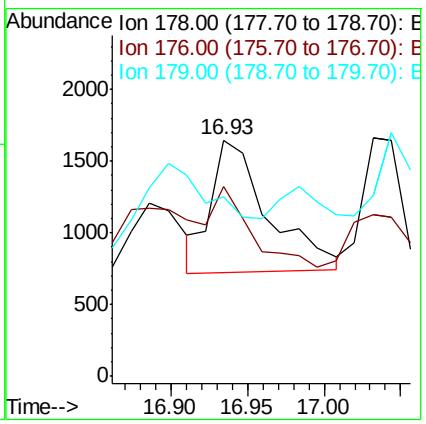


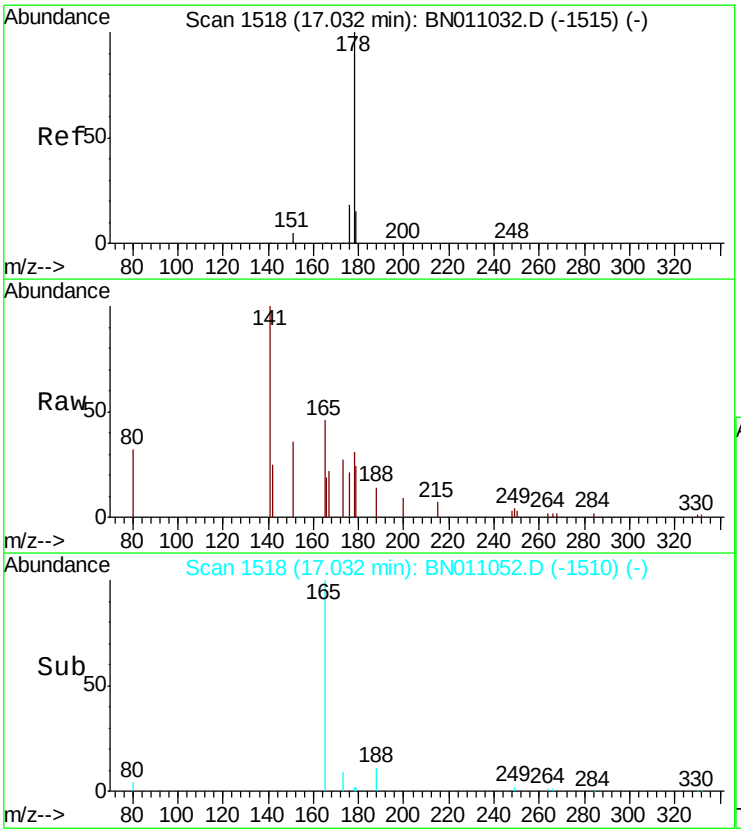
#25
Phenanthrene
Concen: 0.052 ng
RT: 16.93 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:178 Resp: 2374

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.6#
179	0.0	12.3	18.5#

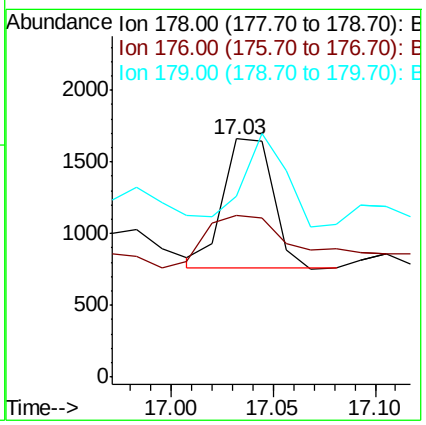


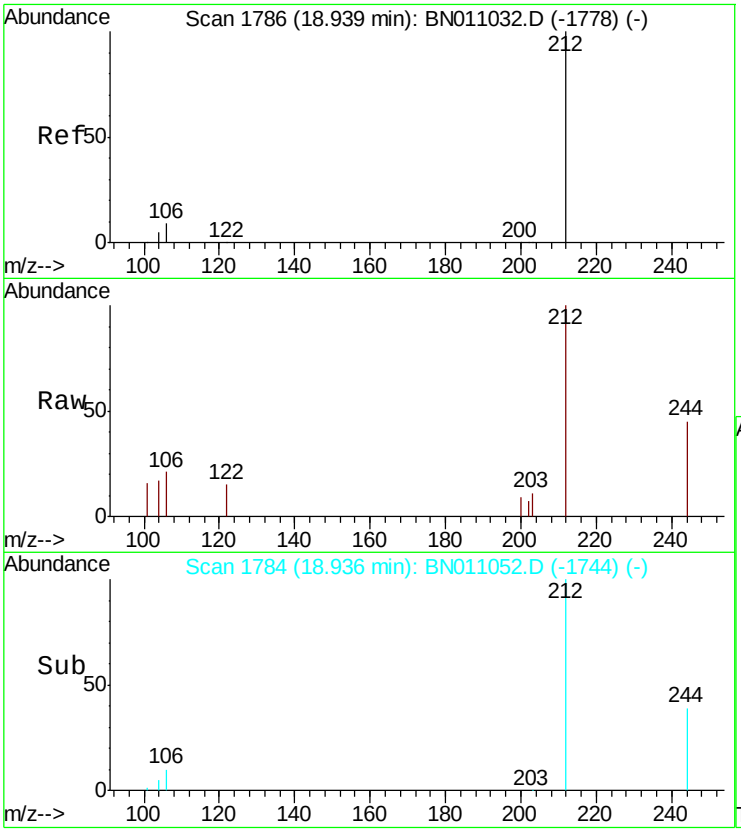


#26
Anthracene
Concen: 0.040 ng
RT: 17.03 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:178 Resp: 1519

Ion	Ratio	Lower	Upper
178	100		
176	84.3	14.7	22.1#
179	60.1	12.2	18.4#



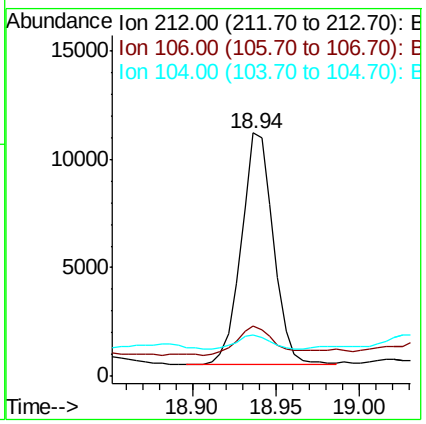


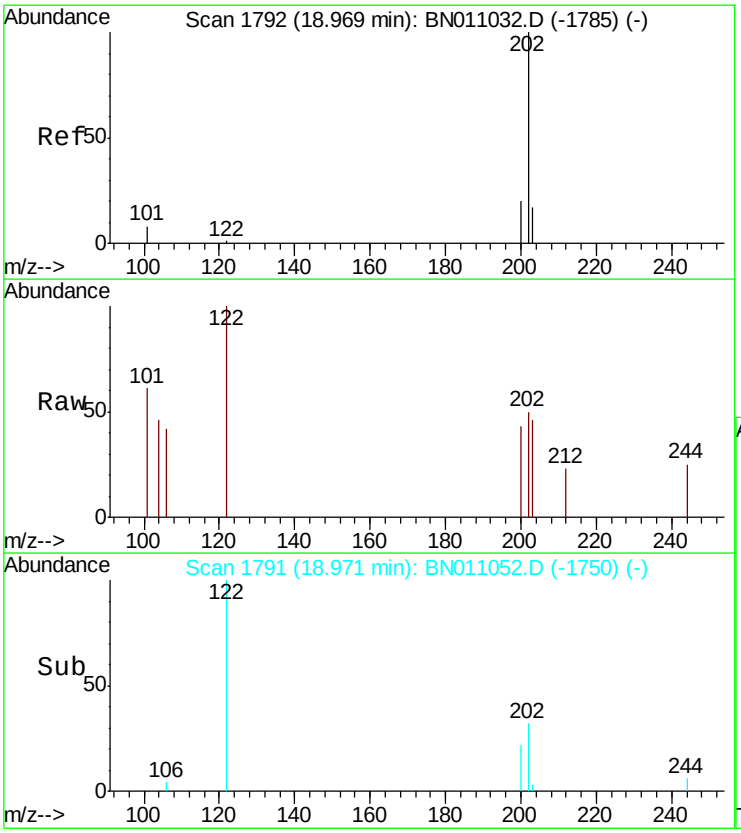
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 18.94 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:212 Resp: 14389

Ion	Ratio	Lower	Upper
212	100		
106	14.1	7.7	11.5#
104	5.7	4.6	6.8

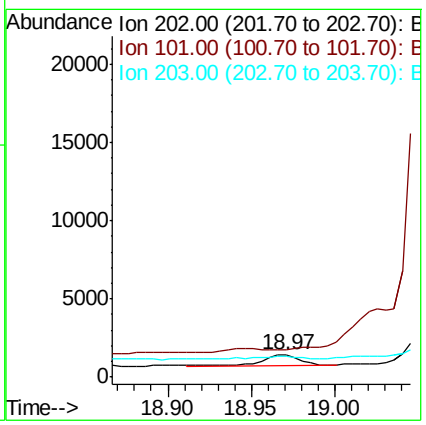


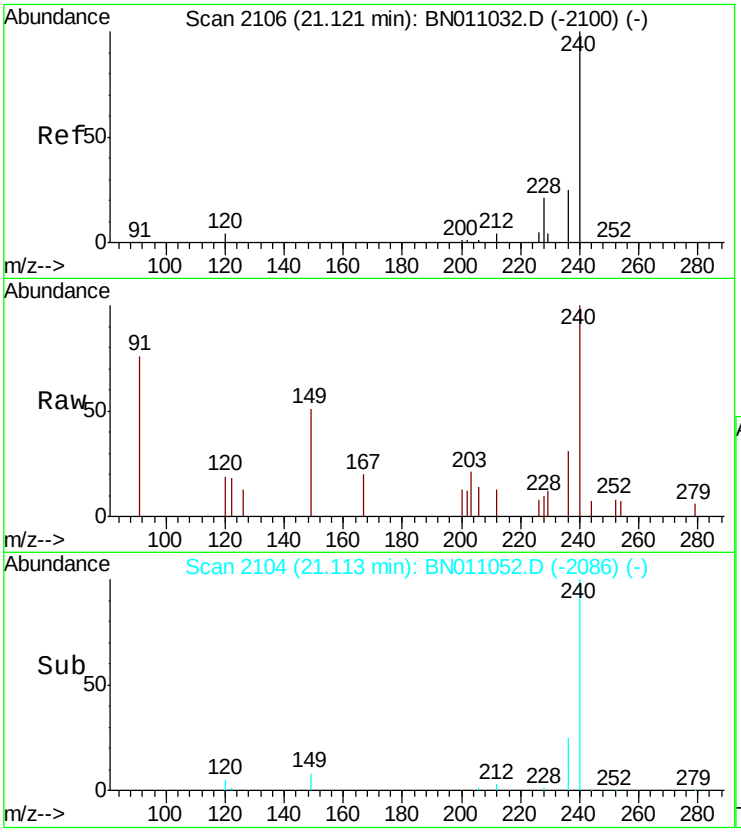


#28
Fluoranthene
Concen: 0.022 ng
RT: 18.97 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:202 Resp: 1137

Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.6	10.0#
203	14.8	13.8	20.6



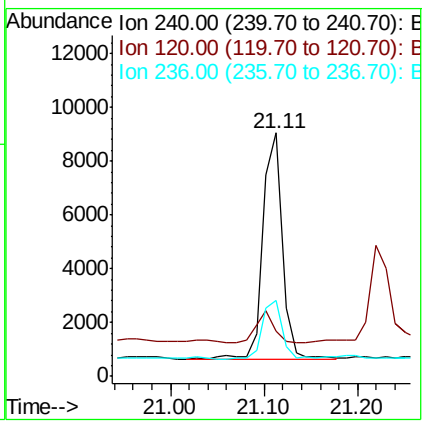


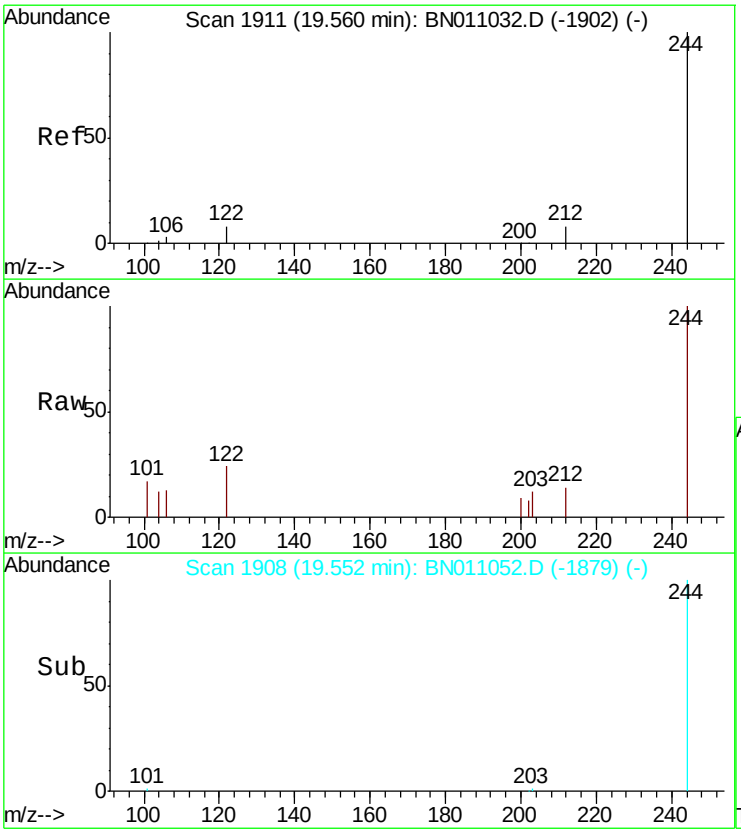
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:240 Resp: 12195

Ion	Ratio	Lower	Upper
240	100		
120	18.8	5.4	8.0#
236	31.0	21.4	32.2

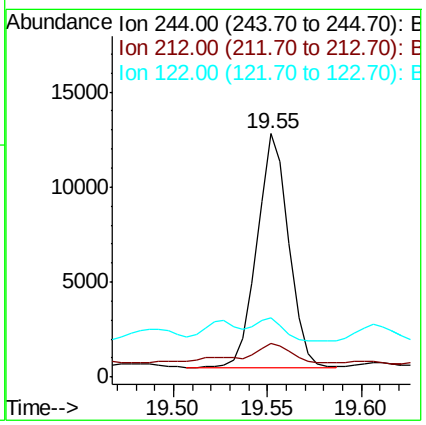


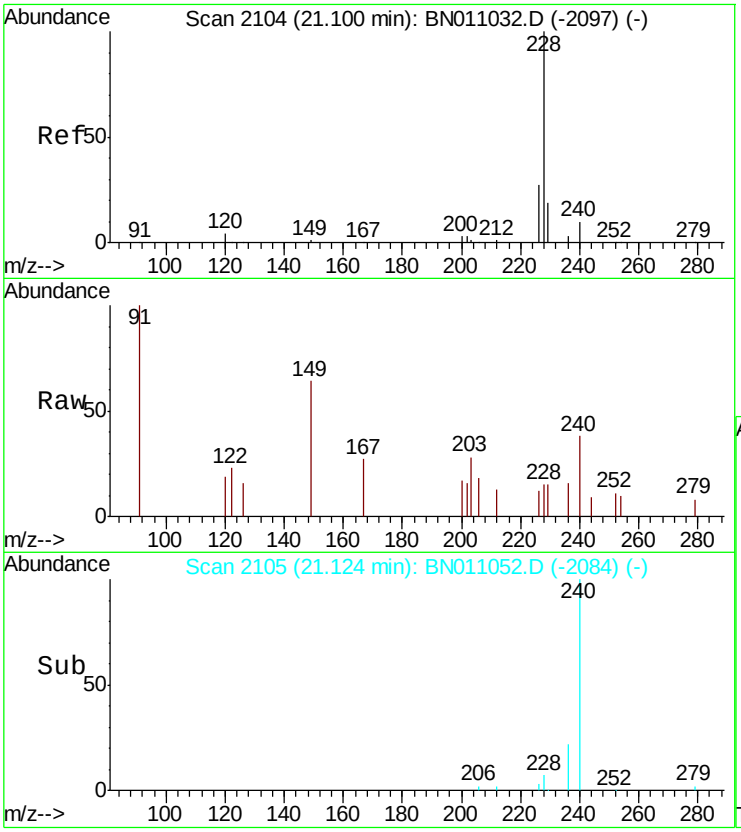


#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.55 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:244 Resp: 14407

Ion	Ratio	Lower	Upper
244	100		
212	14.0	6.9	10.3#
122	24.5	7.4	11.0#



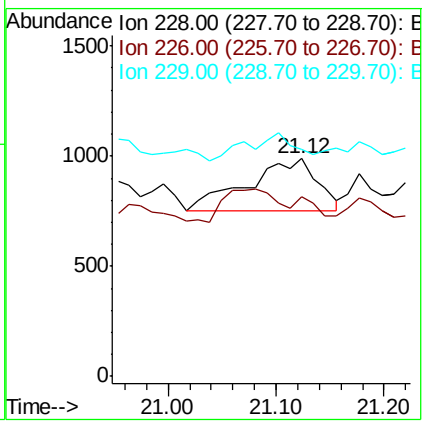


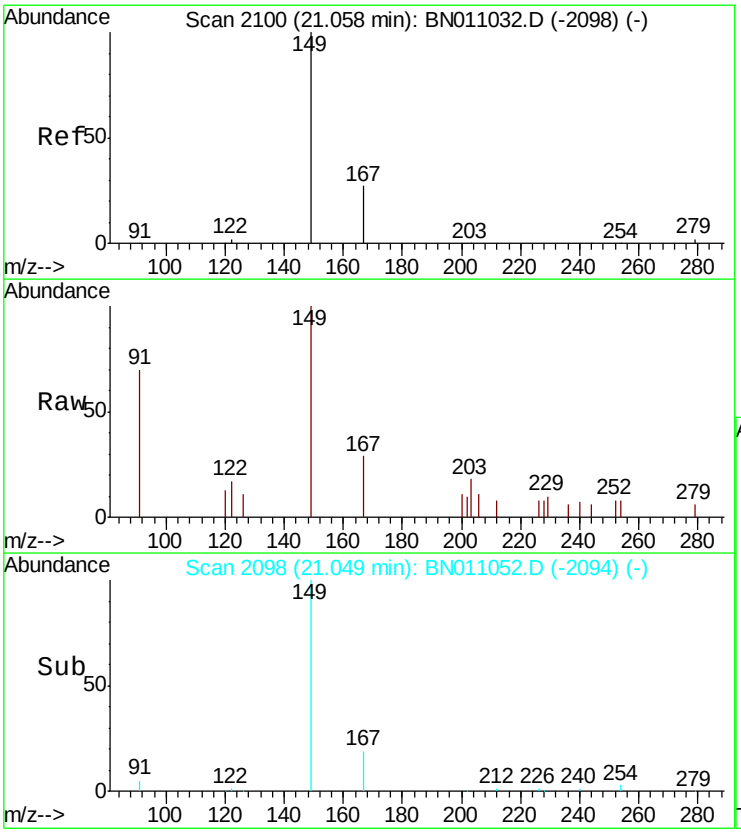
#32
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.12 min Scan# 2105
Delta R.T. 0.02 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:228 Resp: 1066

Ion	Ratio	Lower	Upper
228	100		
226	82.6	22.0	33.0#
229	104.4	15.9	23.9#

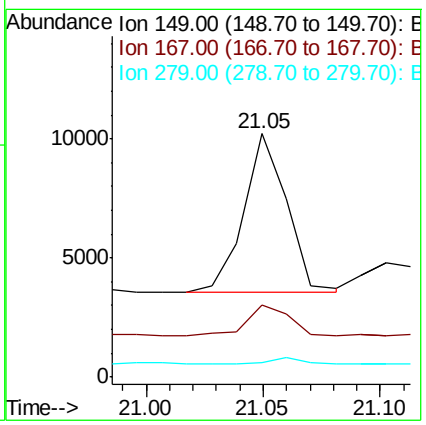


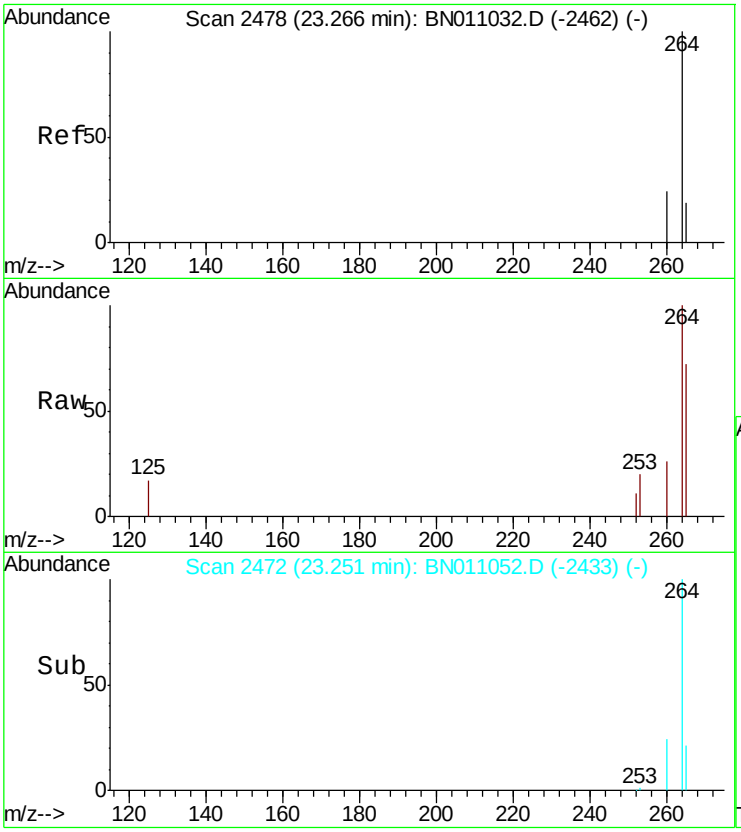


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.499 ng
RT: 21.05 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Tgt Ion:149 Resp: 8472

Ion	Ratio	Lower	Upper
149	100		
167	19.6	22.2	33.2#
279	3.5	3.9	5.9#





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BN011052.D
Acq: 24 Jun 2020 17:26

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:264 Resp: 12386

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.0	30.0
265	71.6	64.9	97.3