Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
Data File : BN010678.D
Acq On : 30 Apr 2020 17:26
Operator : CG/JU
Sample : L2445-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B-1511-B

Quant Time: Apr 30 17:58:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 11:18:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3366	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	13833	0.40	ng		0.01
13) Acenaphthene-d10	14.20	164	8393	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	18788	0.40	ng		0.00
27) Chrysene-d12	21.16	240	17503	0.40	ng		0.00
34) Perylene-d12	23.33	264	16562	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	1170	0.16	ng		0.00
5) Phenol-d6	6.78	99	858	0.09	ng		0.00
8) Nitrobenzene-d5	8.72	82	3512	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	7545	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.70	330	1230	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	11915	0.39	ng		0.00
25) Fluoranthene-d10	18.99	212	20663	0.36	ng		0.00
29) Terphenyl-d14	19.60	244	20124	0.50	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.55	42	41	0.026	ng	#	1
16) Acenaphthylene	13.92	152	1998	0.055	ng		97
20) 4-Bromophenyl-phenylether	16.15	248	300	0.029	ng	#	69
21) Hexachlorobenzene	16.27	284	342	0.029	ng		96
22) Pentachlorophenol	16.62	266	207	0.044	ng	#	85
23) Phenanthrene	17.09	178	16094	0.317	ng		99
24) Anthracene	17.09	178	15836	0.341	ng		99
26) Fluoranthene	19.02	202	2893	0.046	ng		98
28) Pyrene	19.38	202	2907	0.049	ng		93
30) Benzo(a)anthracene	21.14	228	2681	0.047	ng	#	70
31) Chrysene	21.20	228	2264	0.040	ng	#	67
32) Bis(2-ethylhexyl)phthalate	21.10	149	6407	0.219	ng		98
33) Indeno(1,2,3-cd)pyrene	25.45	276	2438	0.048	ng		97
35) Benzo(b)fluoranthene	22.69	252	2526	0.046	ng	#	1
36) Benzo(k)fluoranthene	22.73	252	2252	0.041	ng	#	1
37) Benzo(a)pyrene	23.23	252	1757	0.036	ng	#	1
38) Dibenzo(a,h)anthracene	25.47	278	1739	0.039	ng	#	1
39) Benzo(g,h,i)perylene	26.11	276	2211	0.050	ng	#	42

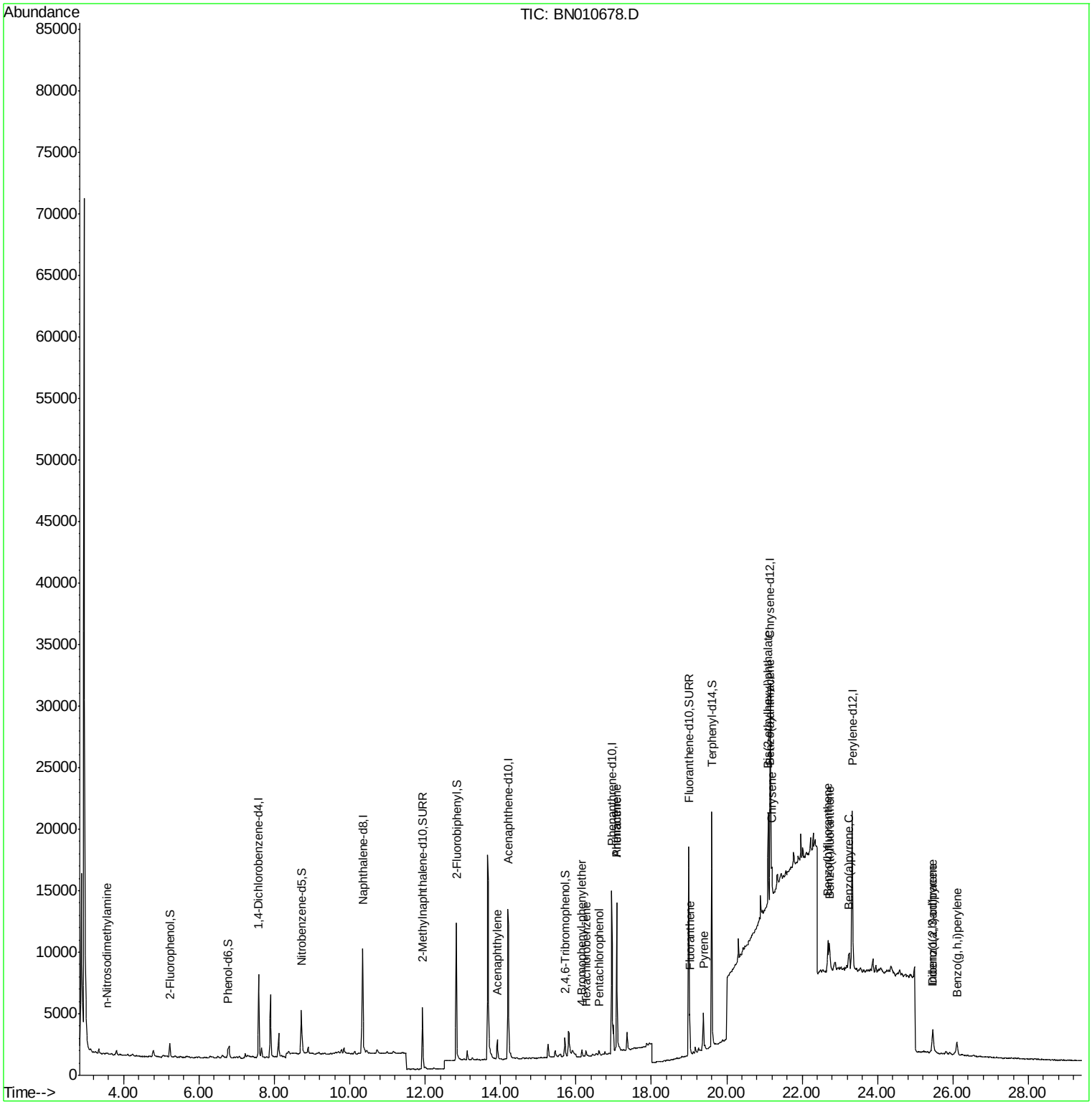
(#) = qualifier out of range (m) = manual integration (+) = signals summed

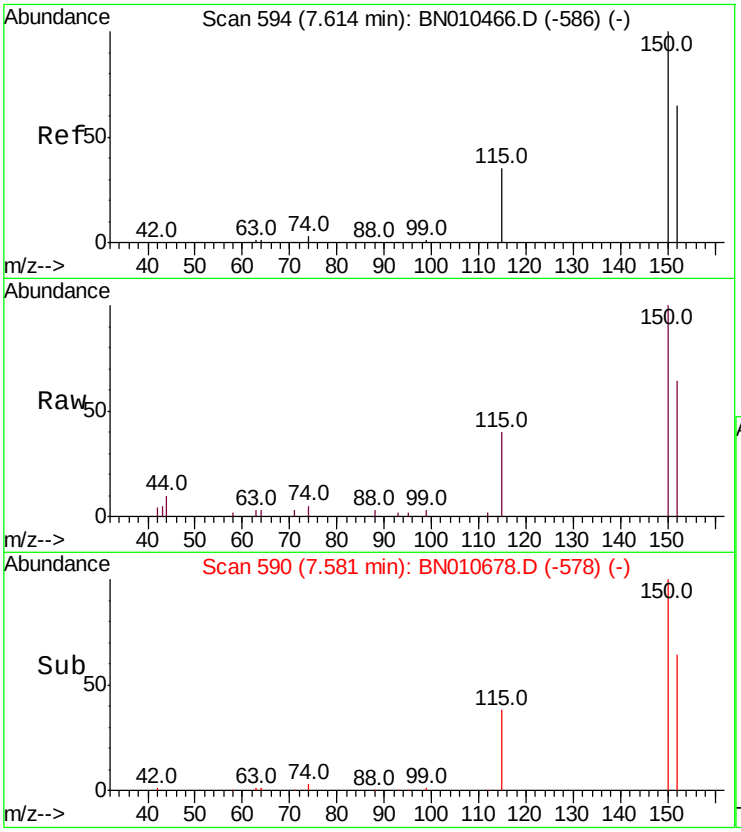
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
Data File : BN010678.D
Acq On : 30 Apr 2020 17:26
Operator : CG/JU
Sample : L2445-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : B-1511-B

Quant Time: Apr 30 17:58:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 11:18:31 2020
Response via : Initial Calibration



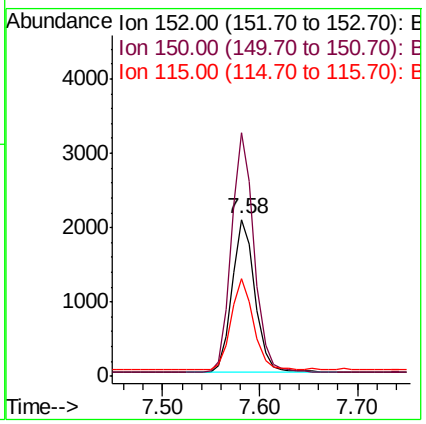


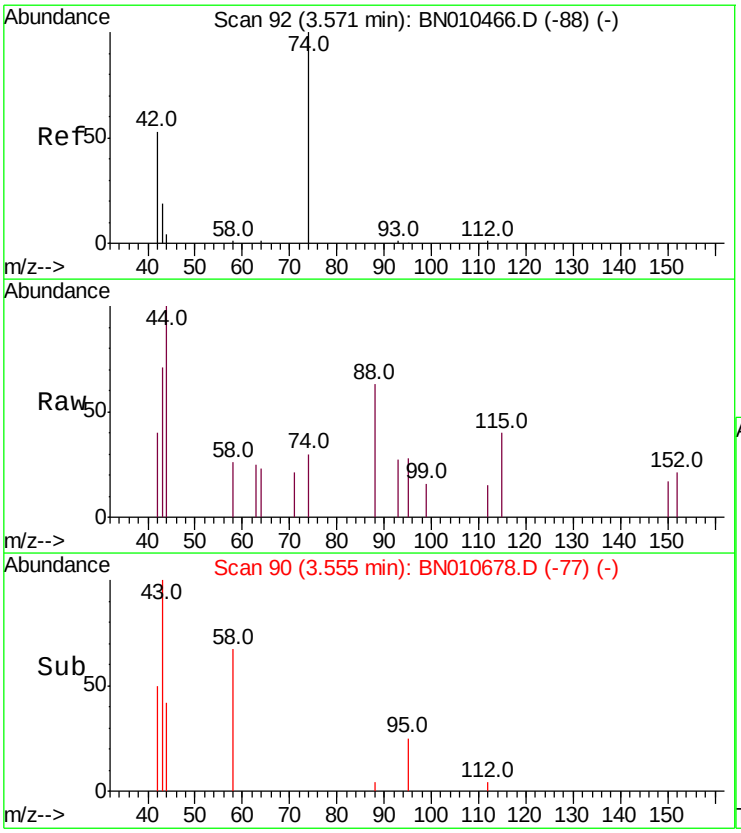
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:152 Resp: 3366

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.8	182.6
115	62.6	45.5	68.3

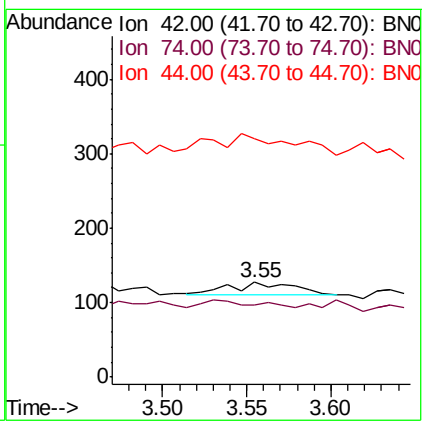


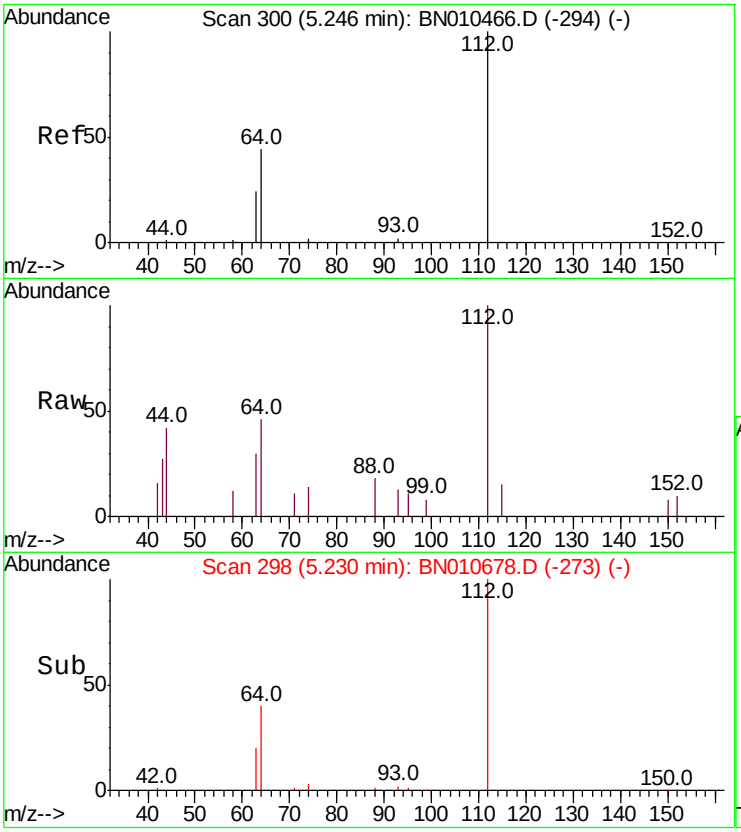


#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion: 42 Resp: 41

Ion	Ratio	Lower	Upper
42	100		
74	0.0	162.2	243.4#
44	156.1	2.4	3.6#



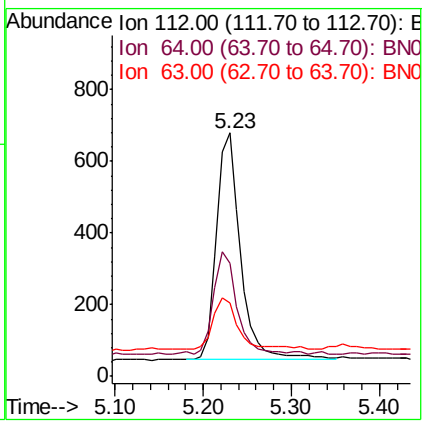


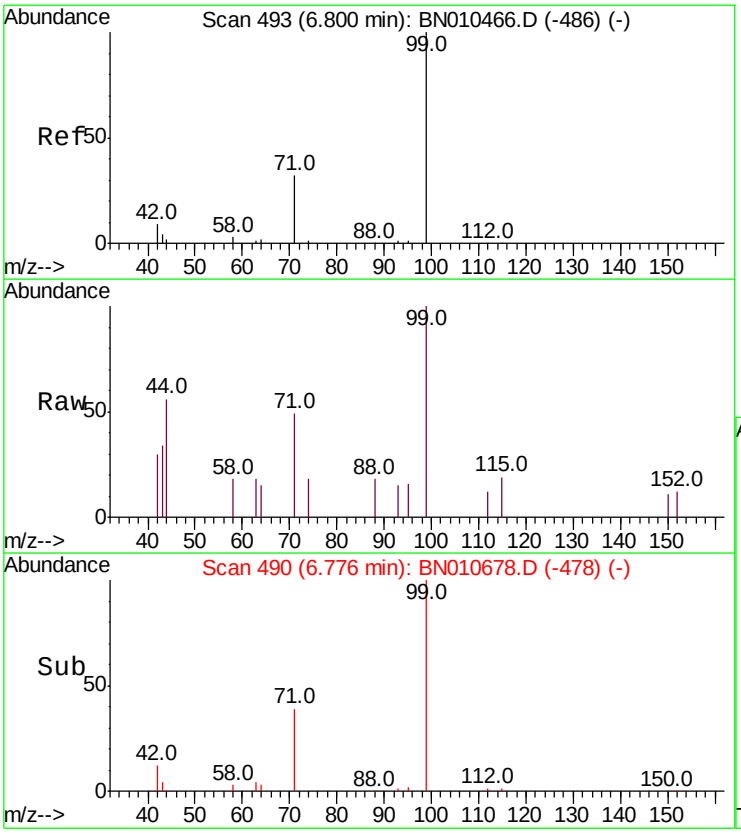
#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:112 Resp: 1170

Ion	Ratio	Lower	Upper
112	100		
64	47.1	35.8	53.8
63	25.6	19.9	29.9

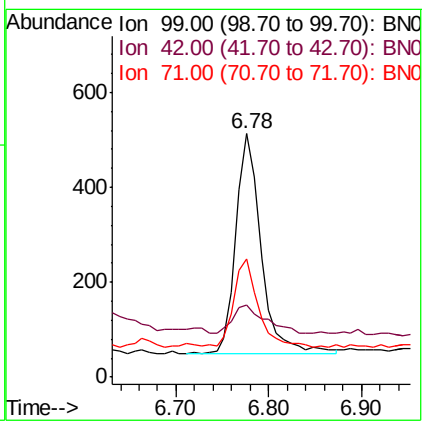


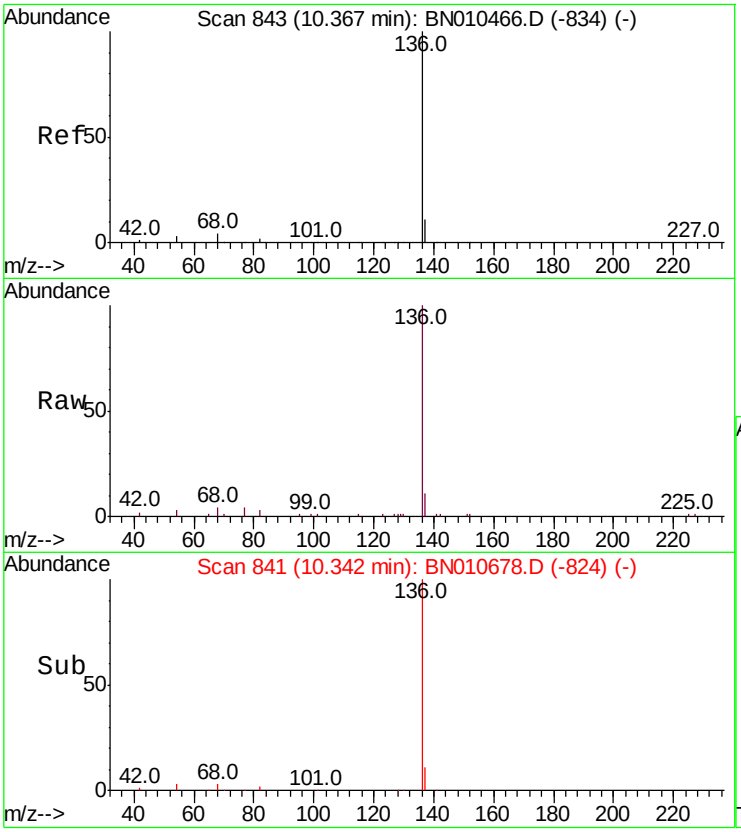


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion: 99 Resp: 858

Ion	Ratio	Lower	Upper
99	100		
42	18.1	9.8	14.6#
71	40.0	27.8	41.8



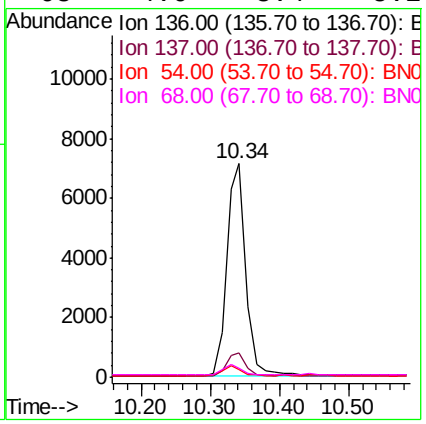


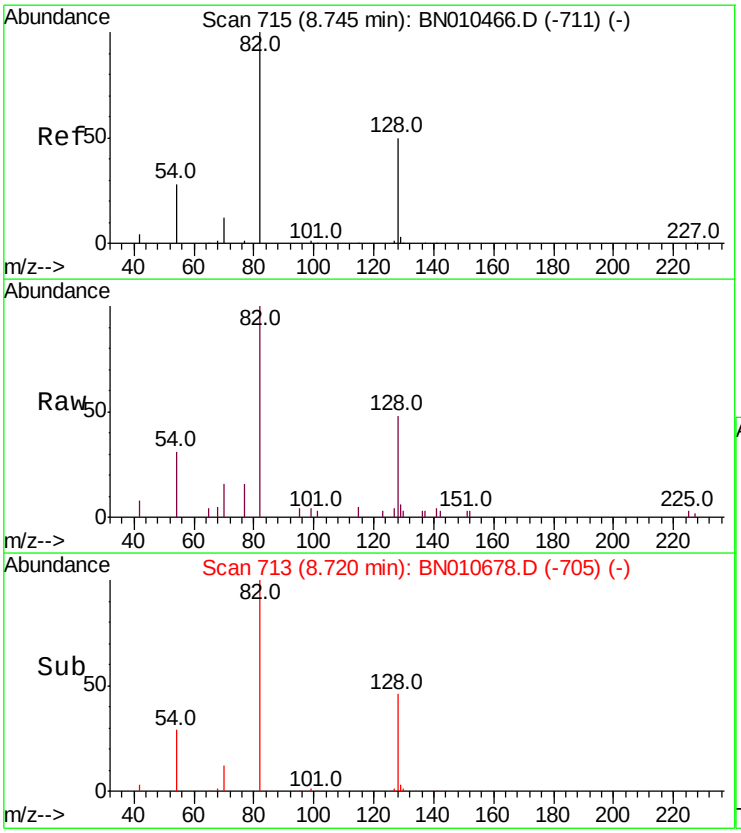
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:136 Resp: 13833

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	3.4	2.6	4.0
68	4.0	3.4	5.2

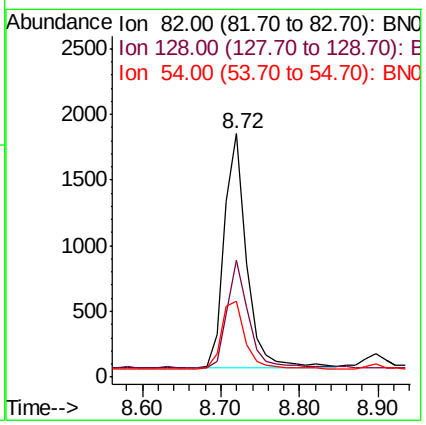


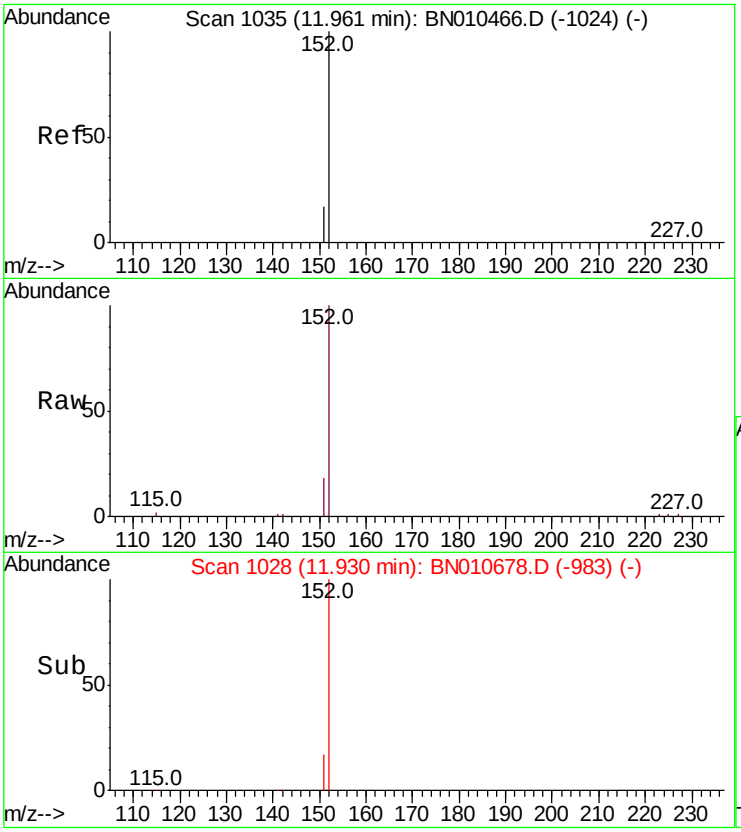


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion: 82 Resp: 3512

Ion	Ratio	Lower	Upper
82	100		
128	47.8	41.3	61.9
54	31.2	23.4	35.0



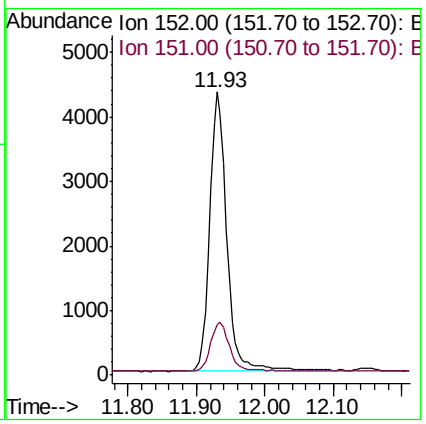


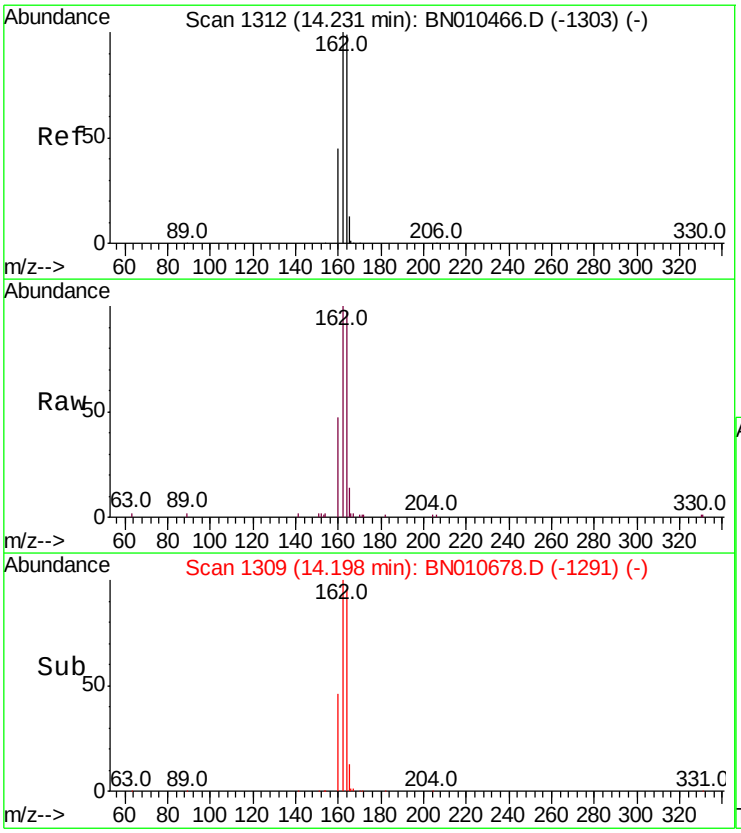
#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:152 Resp: 7545

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9

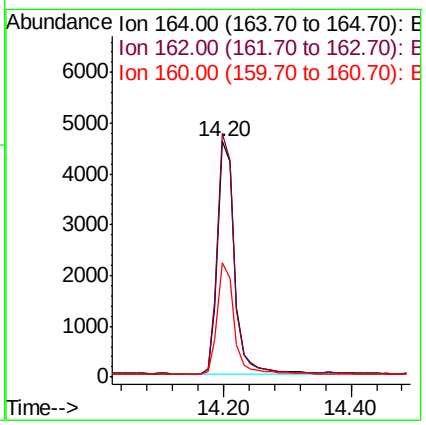


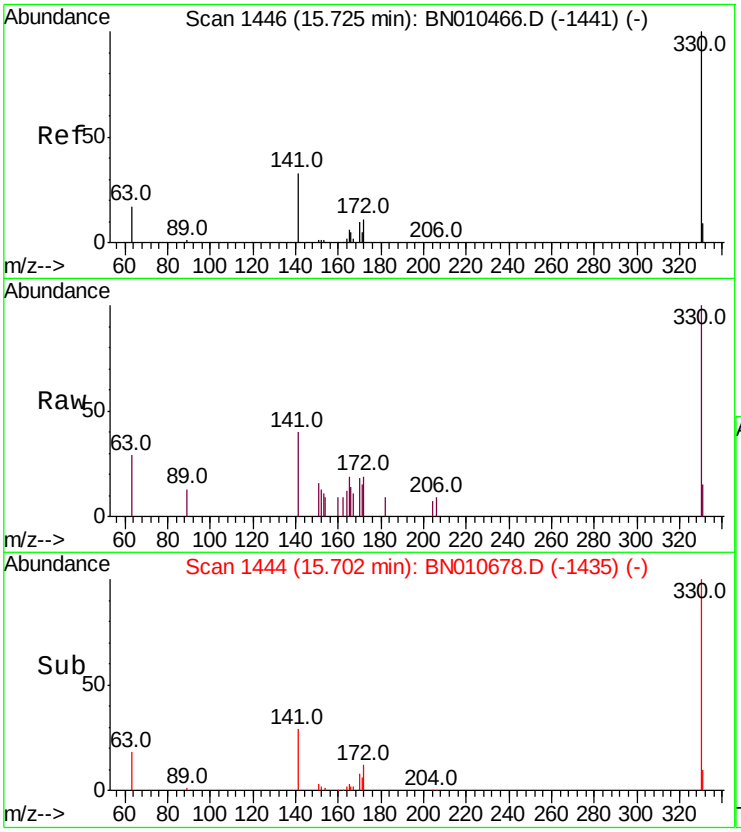


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:164 Resp: 8393

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	121.0
160	48.7	36.5	54.7



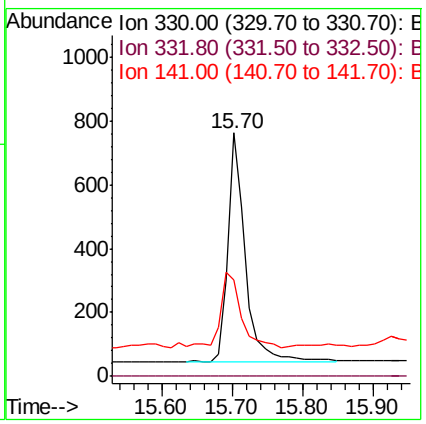


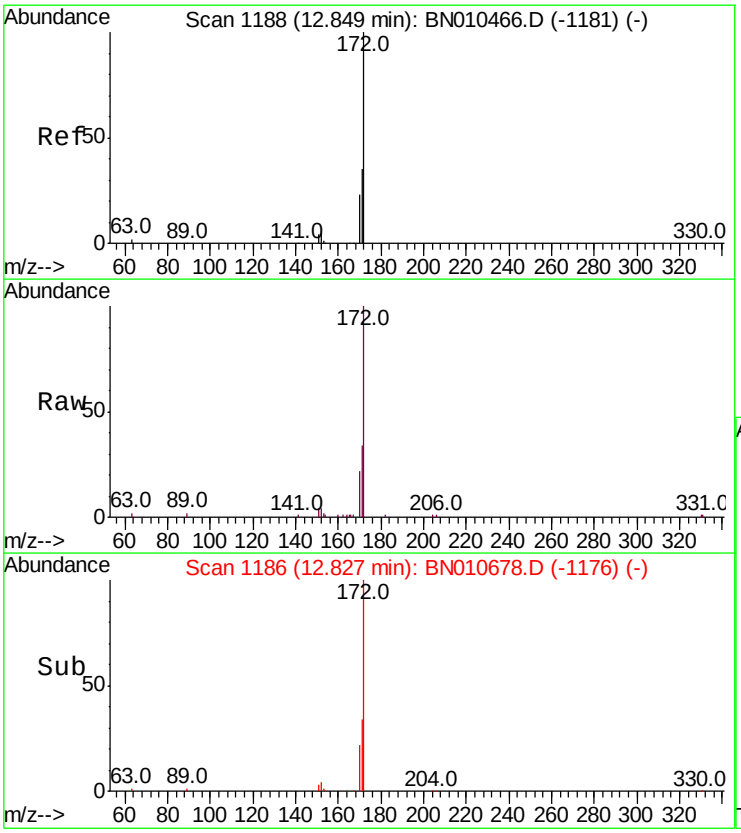
#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.70 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:330 Resp: 1230

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.9	28.1	42.1

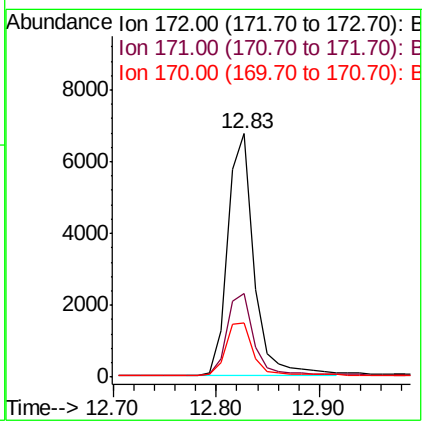


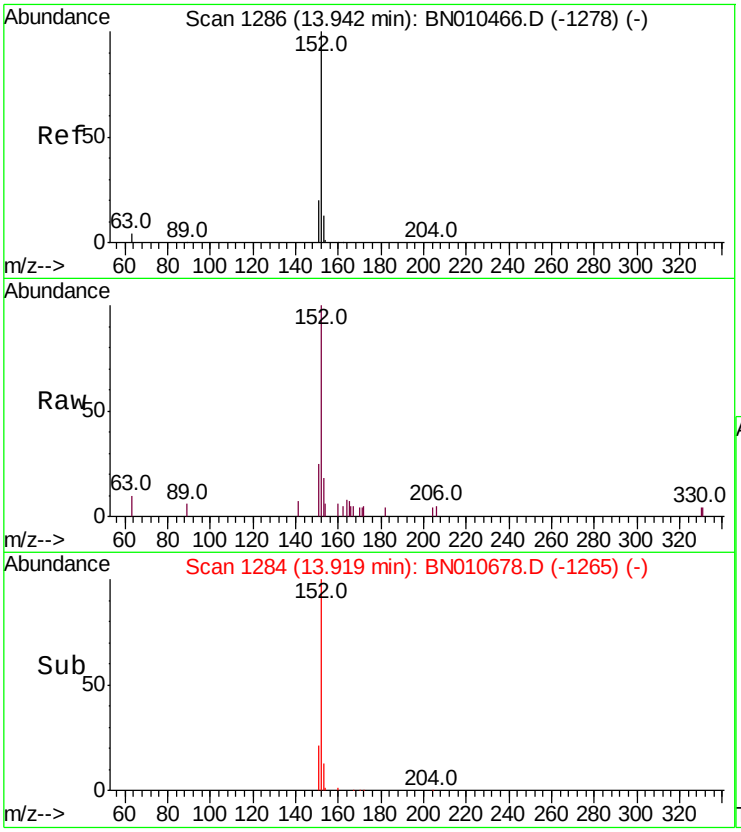


#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:172 Resp: 11915

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.1	18.4	27.6



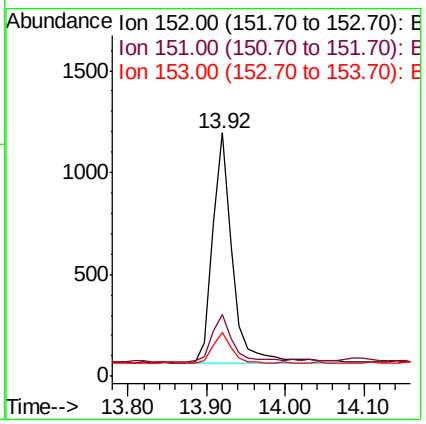


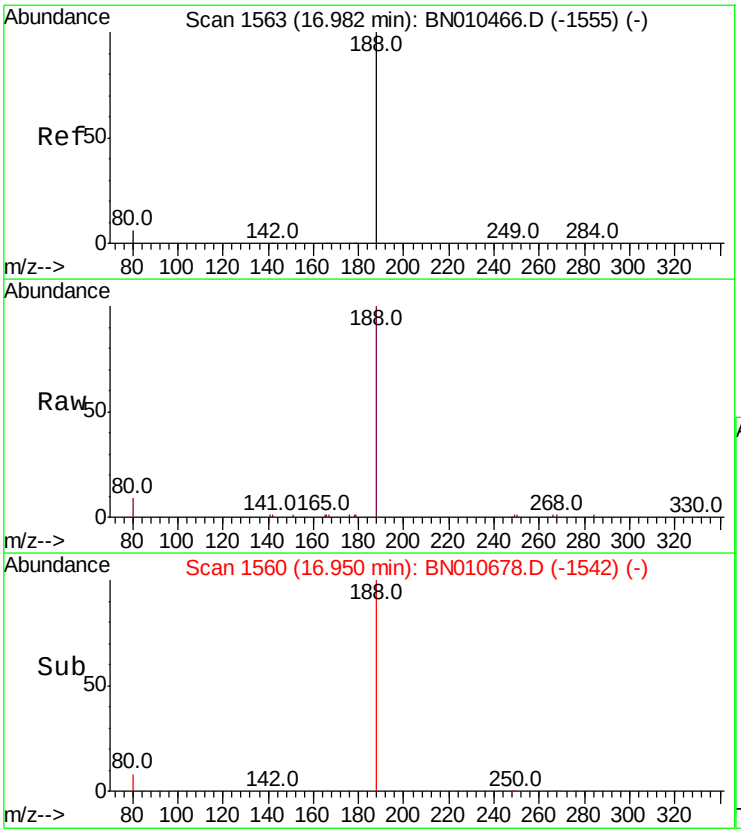
#16
Acenaphthylene
Concen: 0.055 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:152 Resp: 1998

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.7	23.5
153	12.5	10.6	15.8

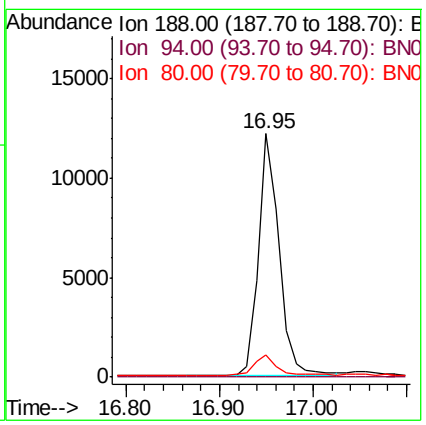


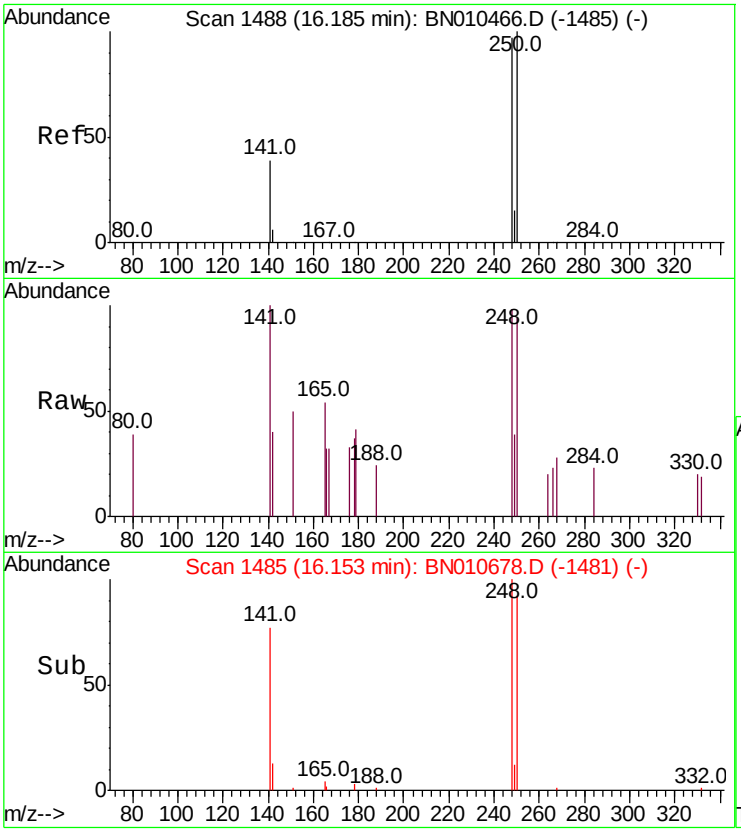


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:188 Resp: 18788

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	5.0	7.6#



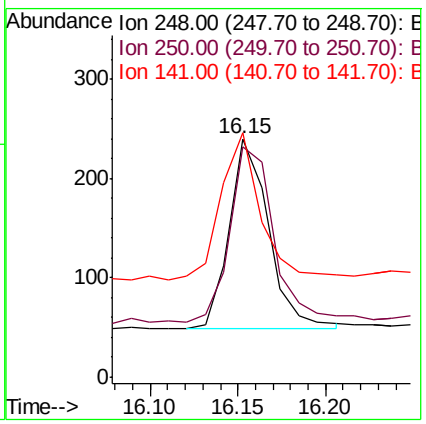


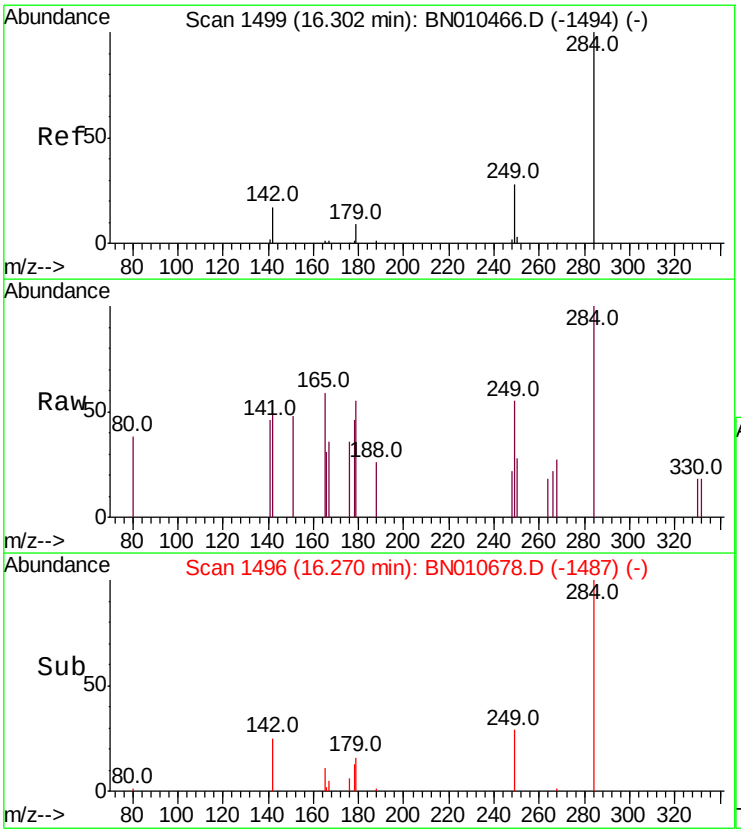
#20
4-Bromophenyl-phenylether
Concen: 0.029 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:248 Resp: 300

Ion	Ratio	Lower	Upper
248	100		
250	96.7	82.3	123.5
141	102.5	35.2	52.8#

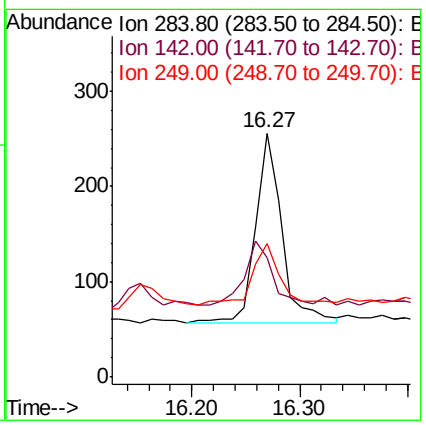


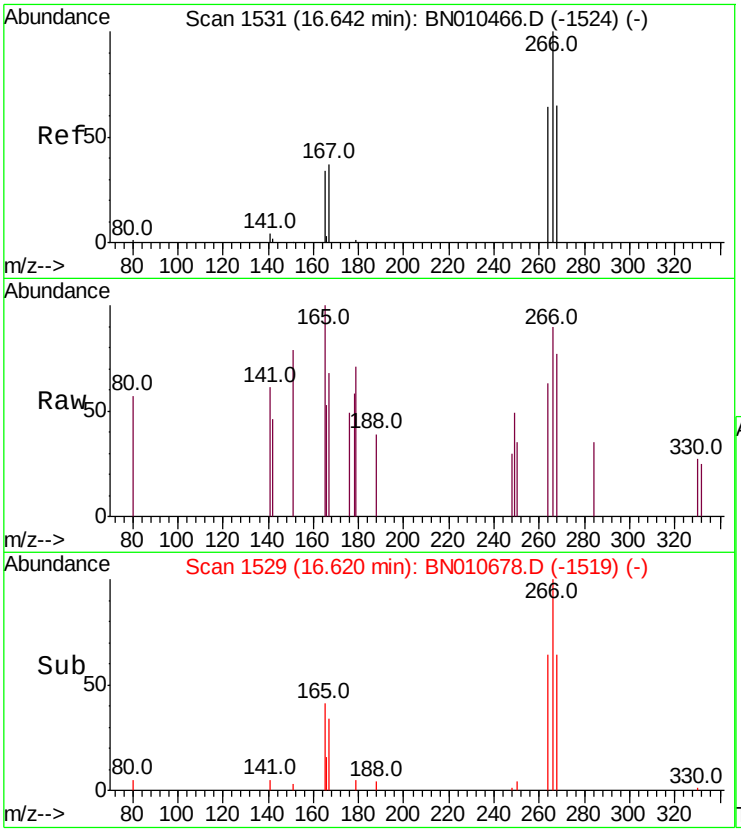


#21
Hexachlorobenzene
Concen: 0.029 ng
RT: 16.27 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:284 Resp: 342

Ion	Ratio	Lower	Upper
284	100		
142	35.4	25.5	38.3
249	33.3	25.8	38.6



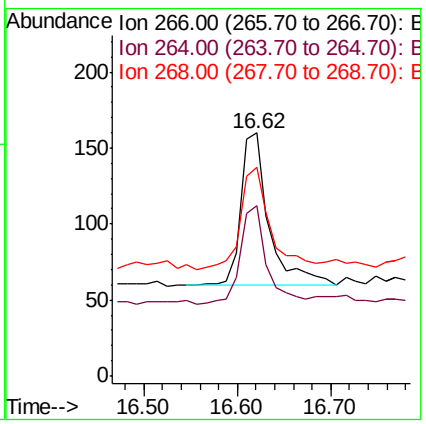


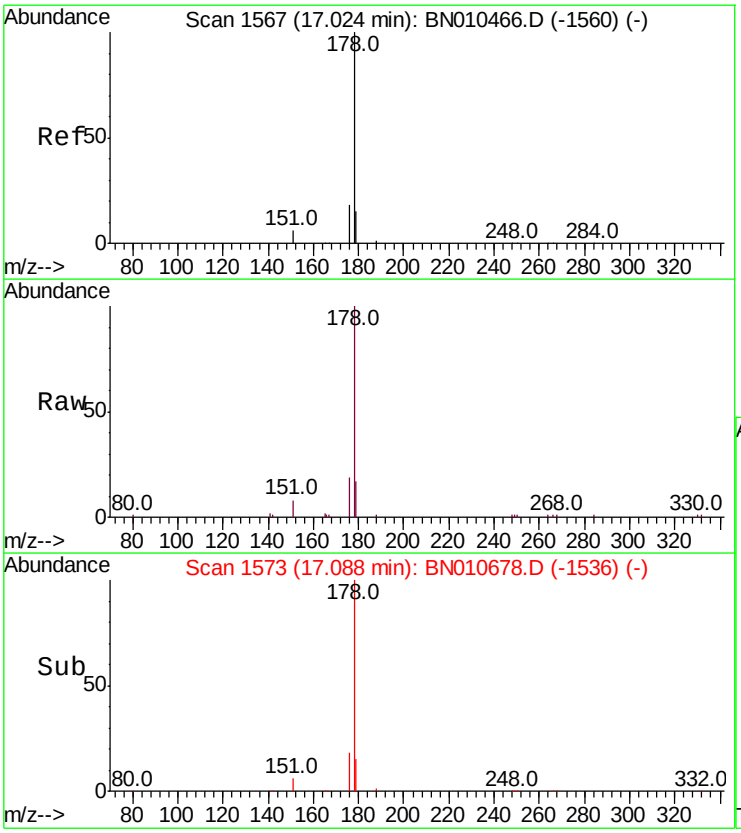
#22
Pentachlorophenol
Concen: 0.044 ng
RT: 16.62 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:266 Resp: 207

Ion	Ratio	Lower	Upper
266	100		
264	70.0	51.8	77.6
268	85.6	53.7	80.5#

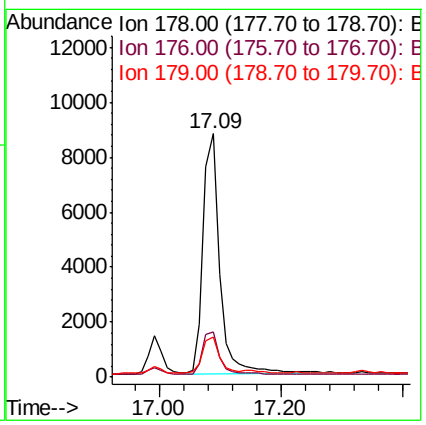


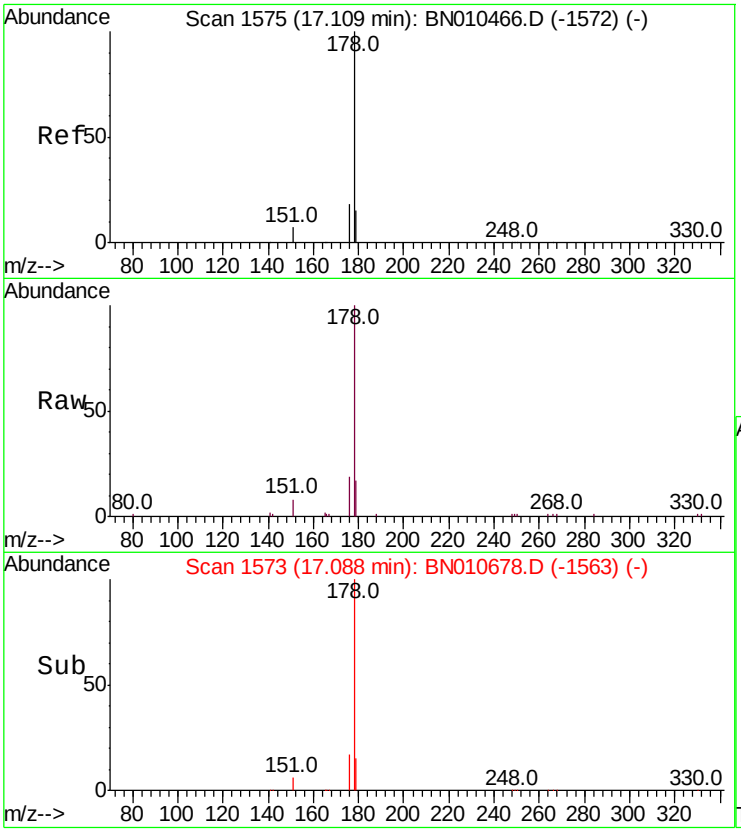


#23
Phenanthrene
Concen: 0.317 ng
RT: 17.09 min Scan# 1573
Delta R.T. 0.09 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:178 Resp: 16094

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	14.7	12.6	18.8



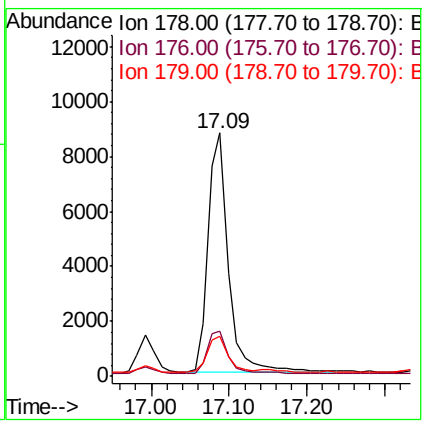


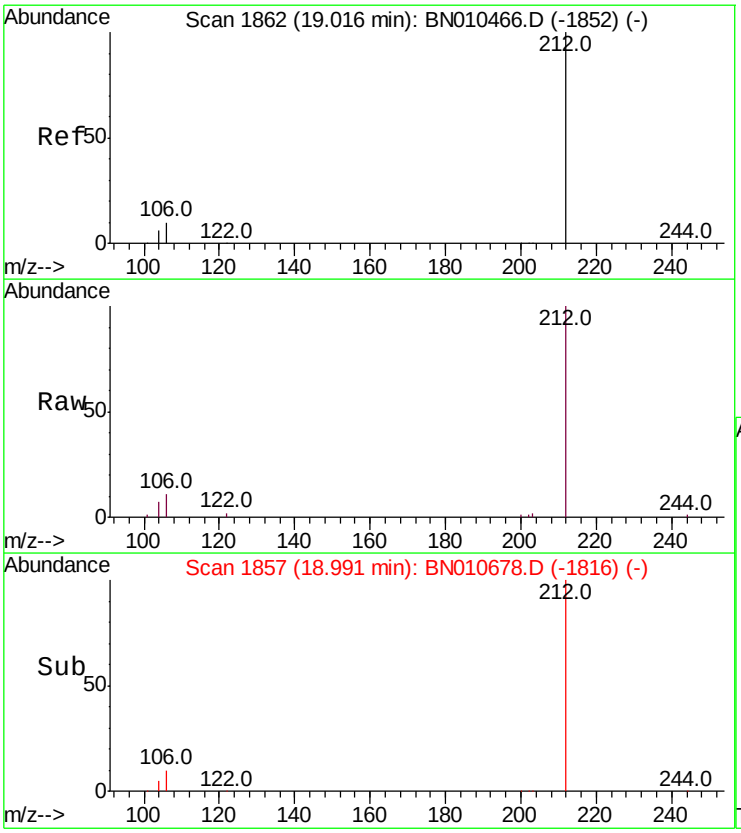
#24
Anthracene
Concen: 0.341 ng
RT: 17.09 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:178 Resp: 15836

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.0	12.2	18.2

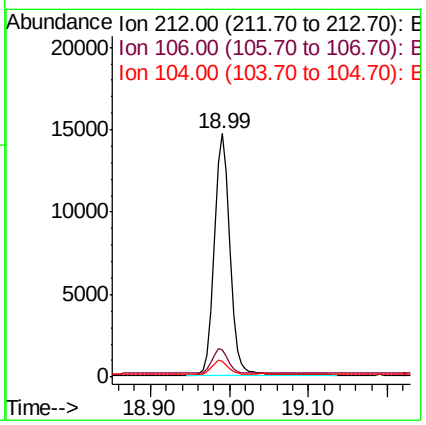


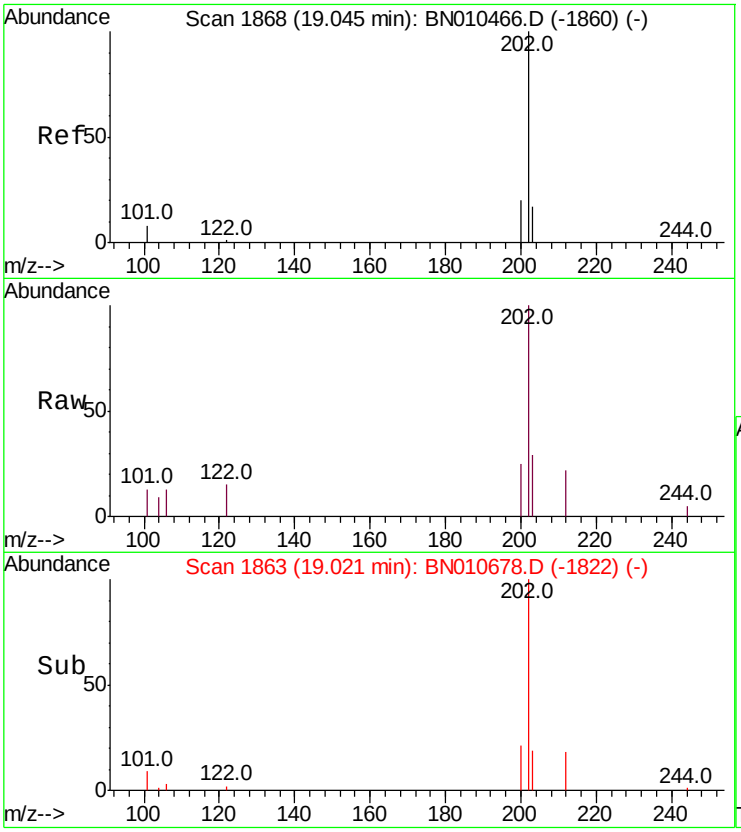


#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 18.99 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:212 Resp: 20663

Ion	Ratio	Lower	Upper
212	100		
106	10.7	7.8	11.6
104	6.1	4.5	6.7



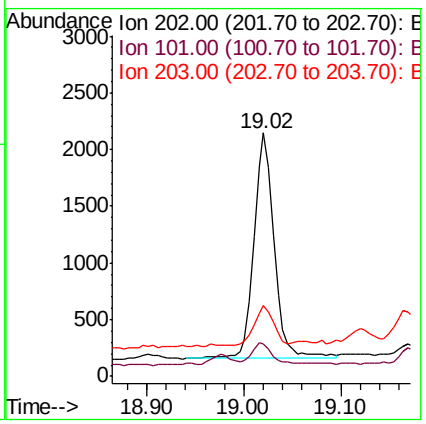


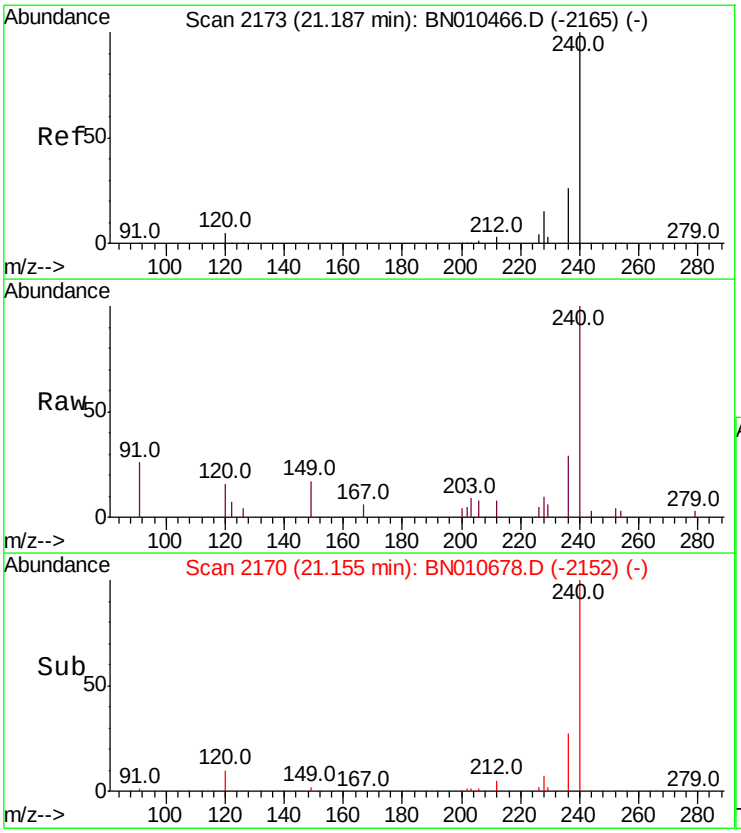
#26
Fluoranthene
Concen: 0.046 ng
RT: 19.02 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:202 Resp: 2893

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
203	16.4	13.9	20.9

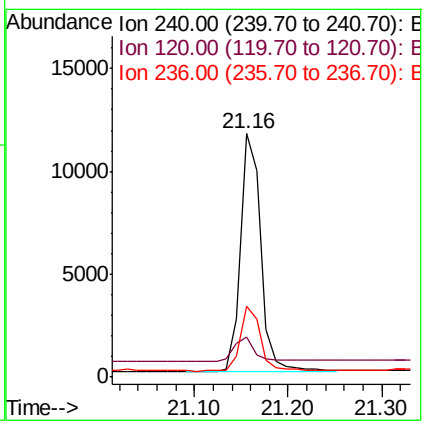


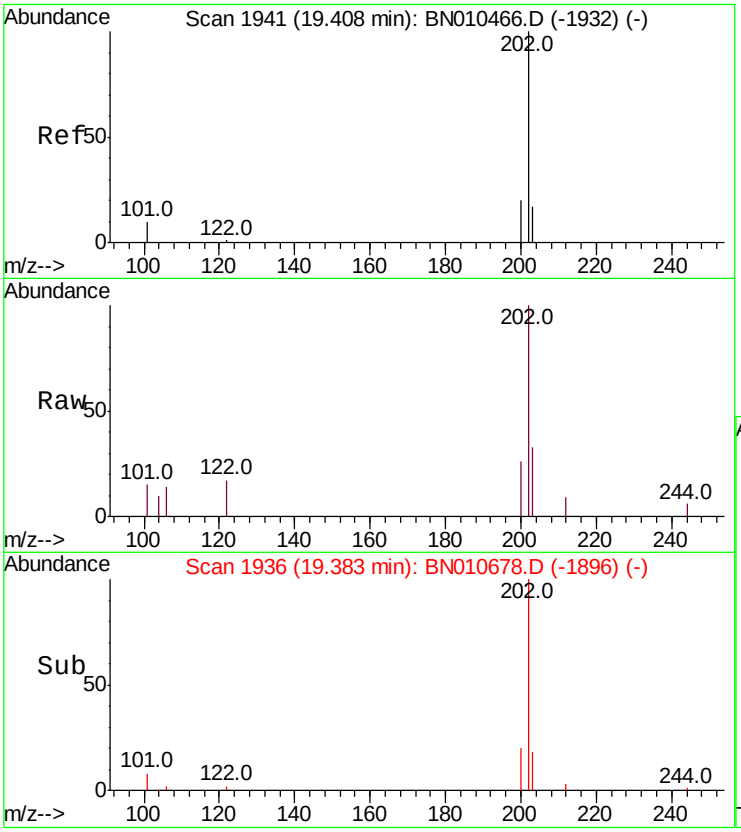


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:240 Resp: 17503

Ion	Ratio	Lower	Upper
240	100		
120	16.2	4.8	7.2#
236	29.0	21.4	32.0



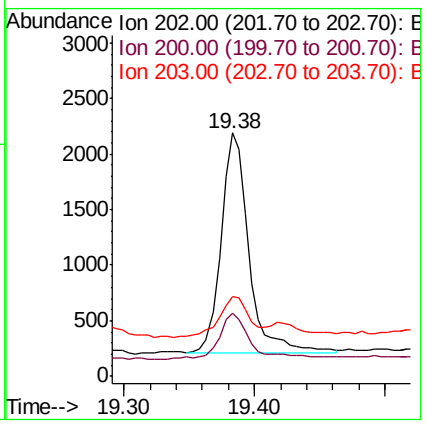


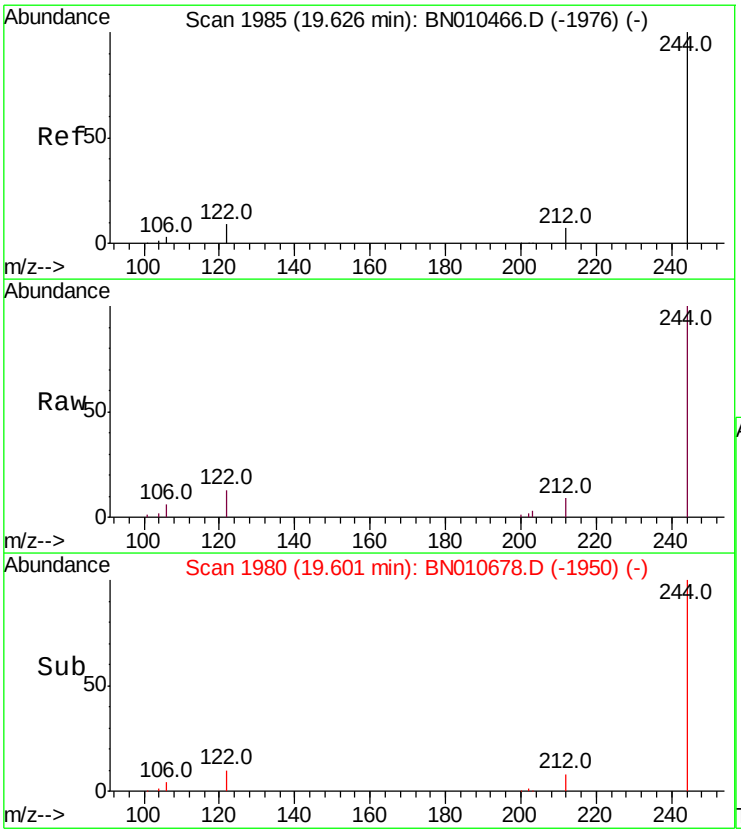
#28
Pyrene
Concen: 0.049 ng
RT: 19.38 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:202 Resp: 2907

Ion	Ratio	Lower	Upper
202	100		
200	23.9	16.3	24.5
203	20.3	14.0	21.0

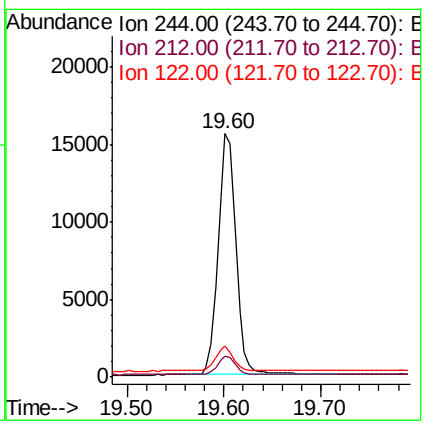


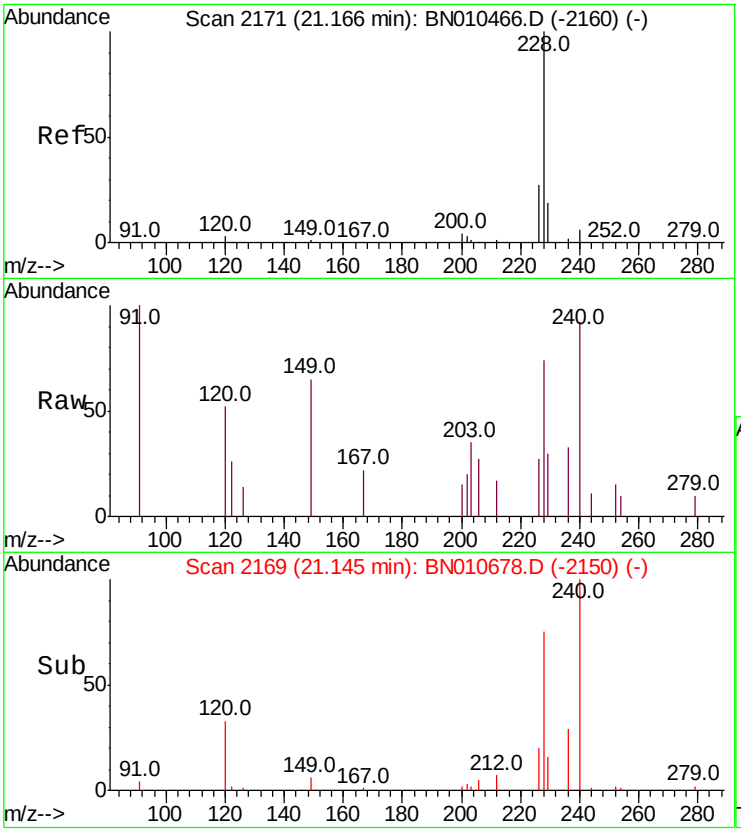


#29
Terphenyl-d14
Concen: 0.502 ng
RT: 19.60 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:244 Resp: 20124

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	12.7	7.8	11.8#



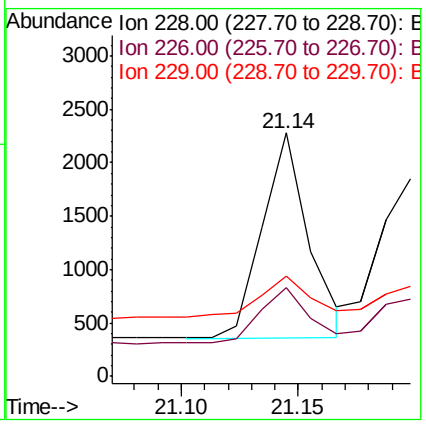


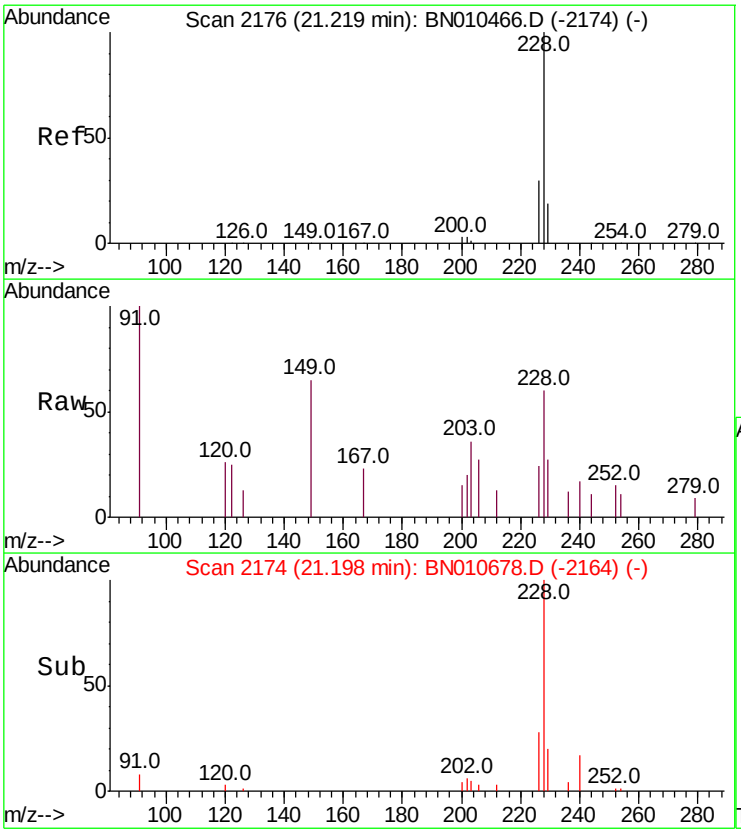
#30
Benzo(a)anthracene
Concen: 0.047 ng
RT: 21.14 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:228 Resp: 2681

Ion	Ratio	Lower	Upper
228	100		
226	36.5	21.7	32.5#
229	41.1	15.6	23.4#

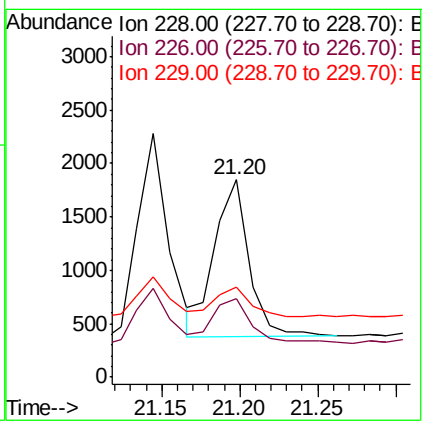


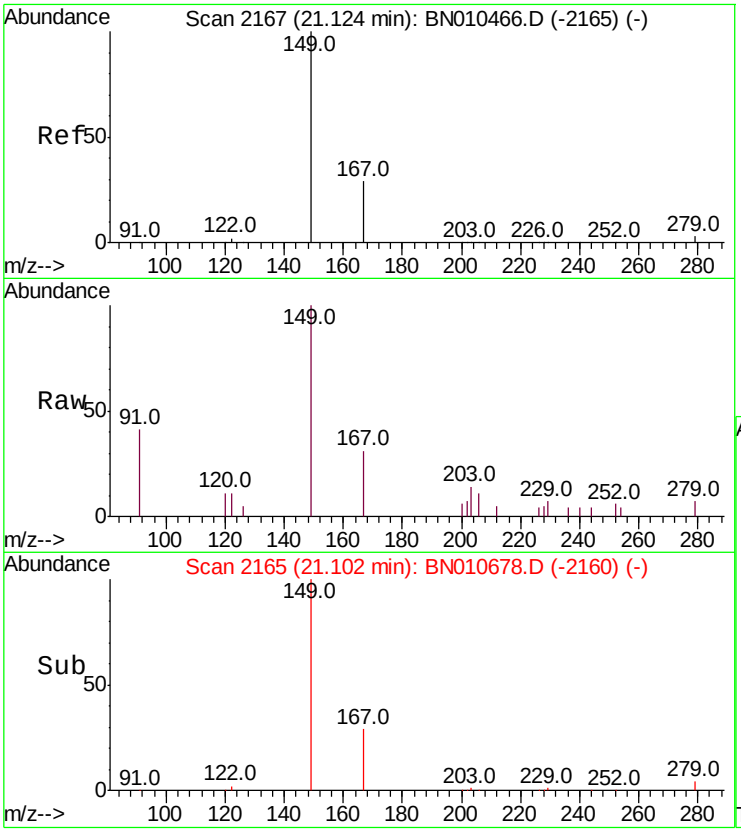


#31
Chrysene
Concen: 0.040 ng
RT: 21.20 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:228 Resp: 2264

Ion	Ratio	Lower	Upper
228	100		
226	39.5	24.0	36.0#
229	45.9	15.8	23.6#



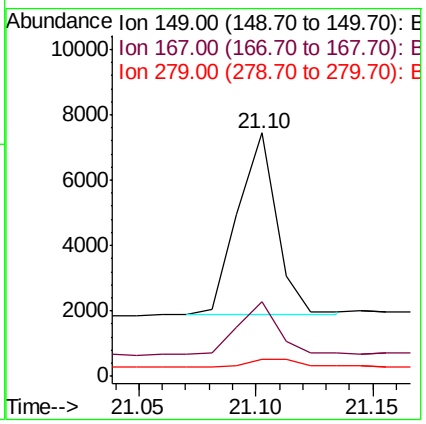


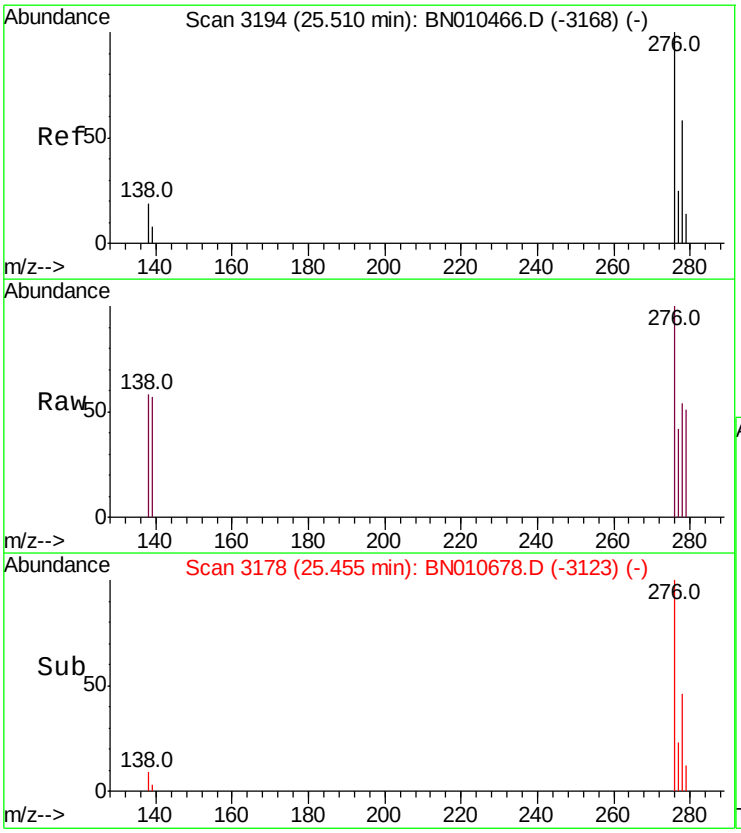
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.219 ng
RT: 21.10 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:149 Resp: 6407

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	5.9	4.0	6.0

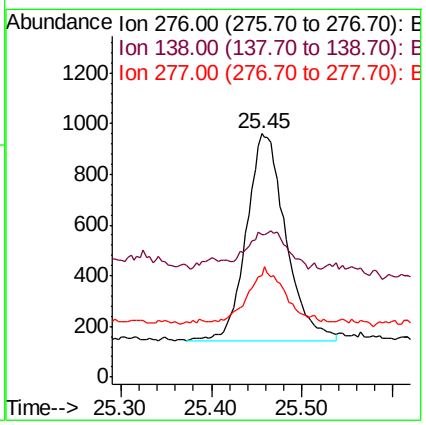


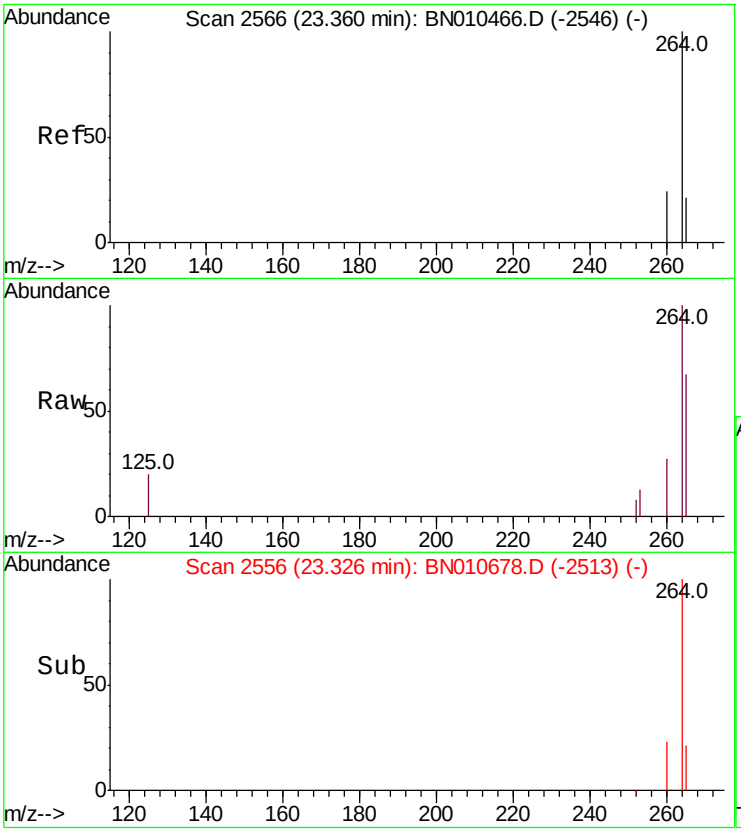


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng
RT: 25.45 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:276 Resp: 2438

Ion	Ratio	Lower	Upper
276	100		
138	17.9	16.4	24.6
277	24.2	19.8	29.6



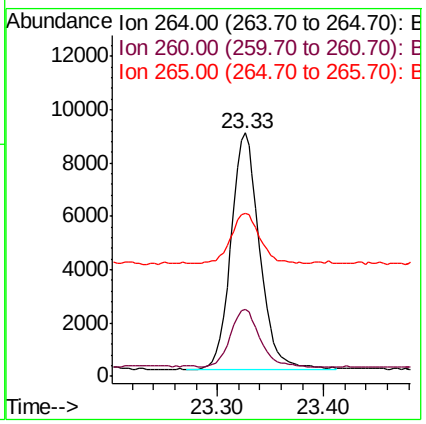


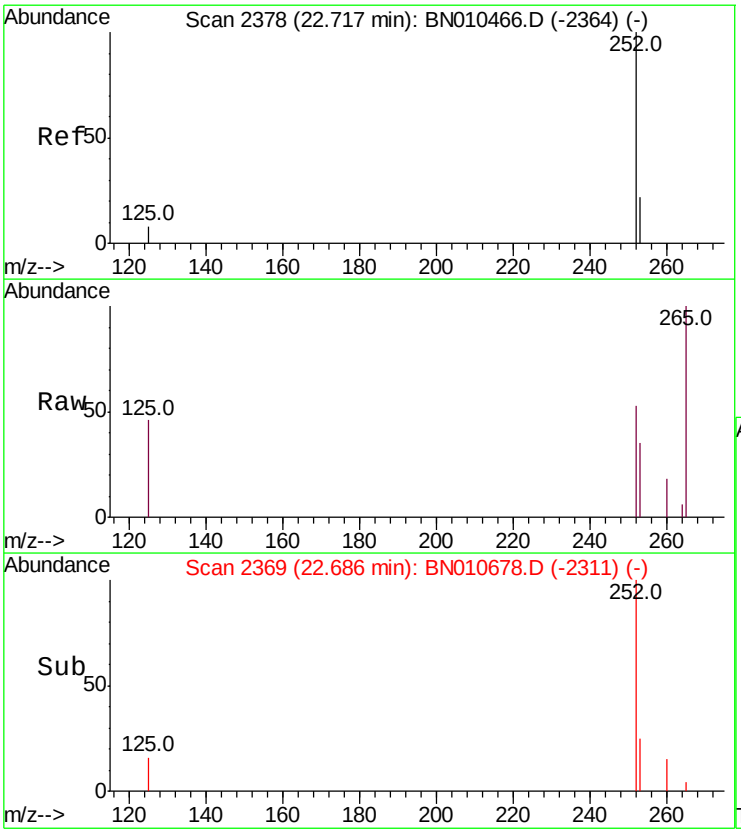
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:264 Resp: 16562

Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.8	29.8
265	67.1	42.3	63.5#

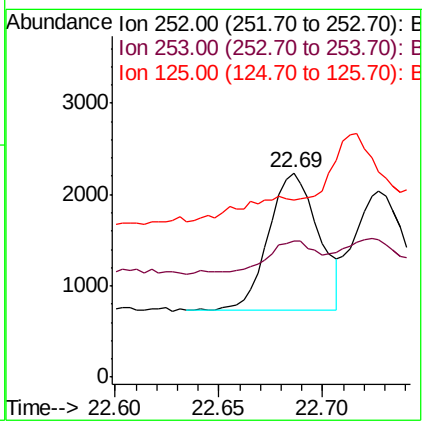


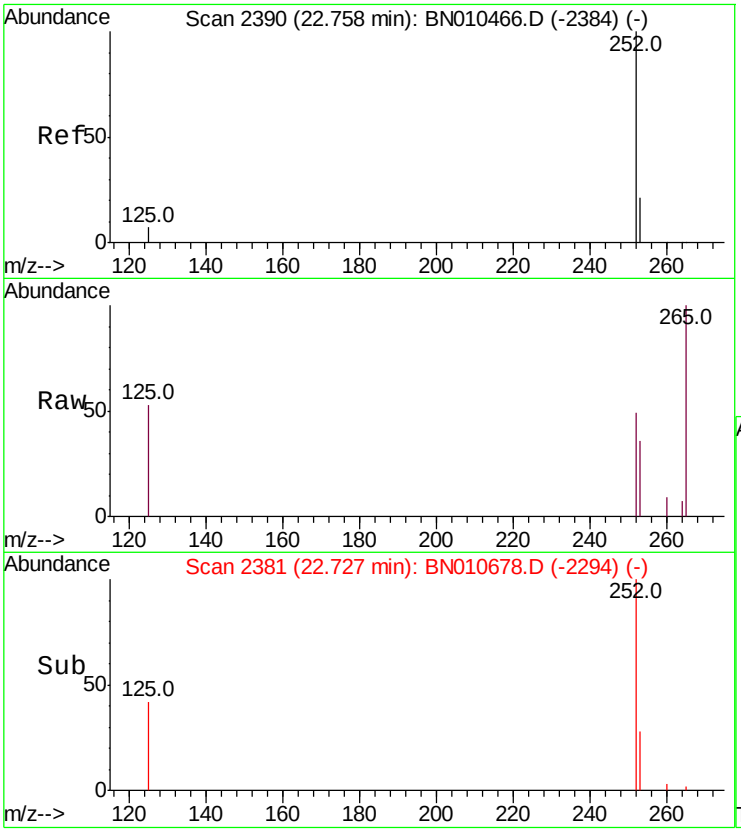


#35
Benzo(b)fluoranthene
Concen: 0.046 ng
RT: 22.69 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:252 Resp: 2526

Ion	Ratio	Lower	Upper
252	100		
253	66.9	20.2	30.4#
125	86.8	9.2	13.8#



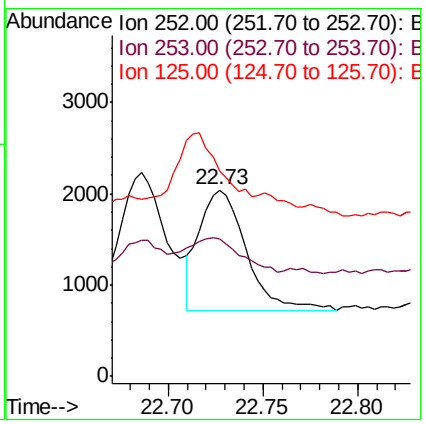


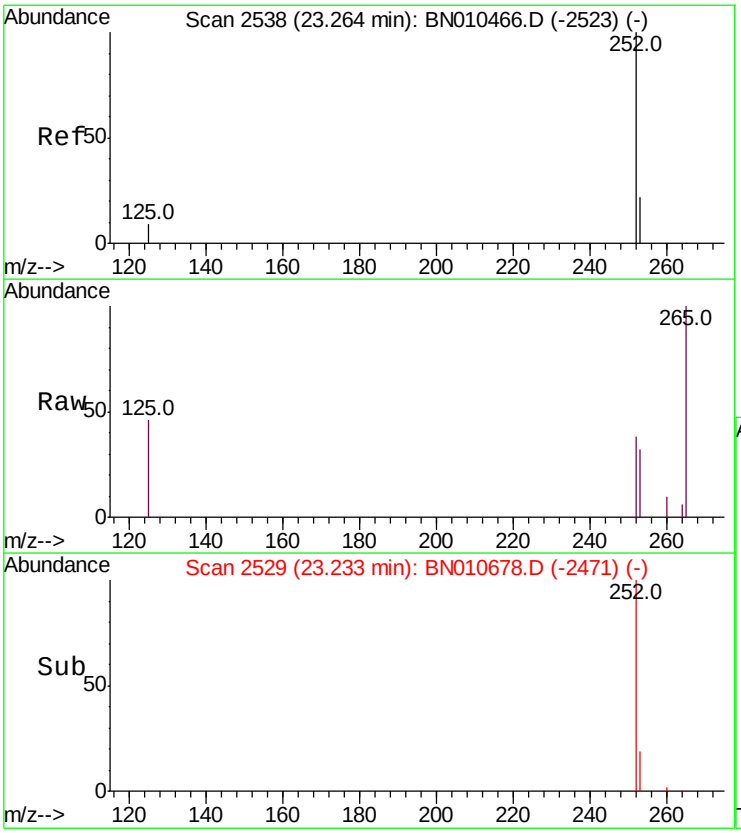
#36
Benzo(k)fluoranthene
Concen: 0.041 ng
RT: 22.73 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:252 Resp: 2252

Ion	Ratio	Lower	Upper
252	100		
253	73.7	20.1	30.1#
125	110.2	9.6	14.4#

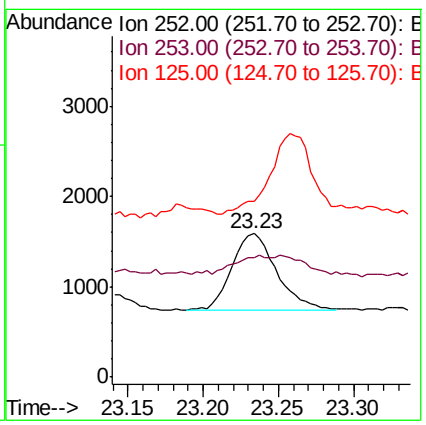


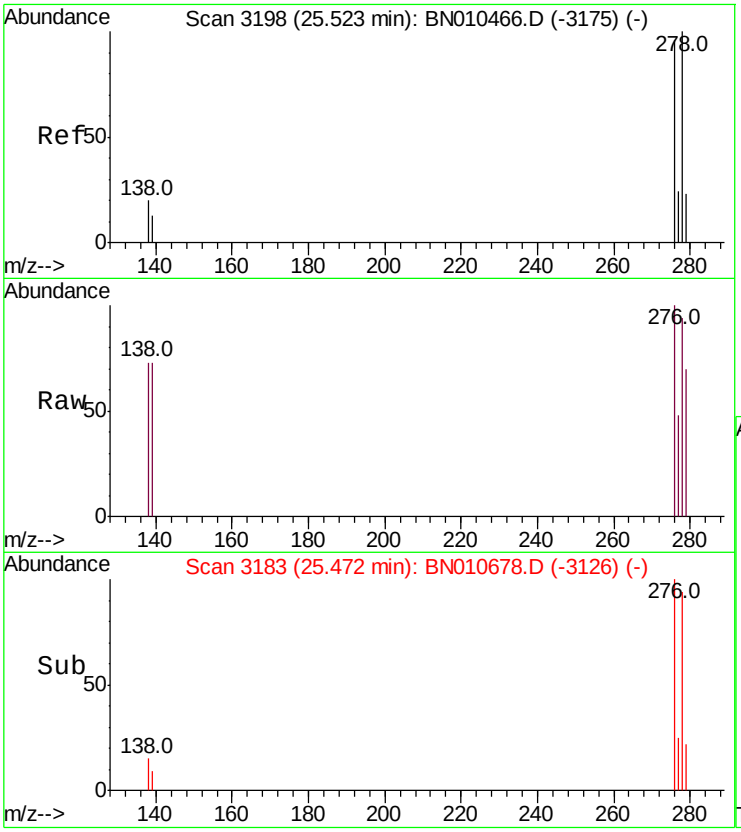


#37
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.23 min Scan# 2529
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:252 Resp: 1757

Ion	Ratio	Lower	Upper
252	100		
253	83.8	21.8	32.8#
125	122.3	11.0	16.6#



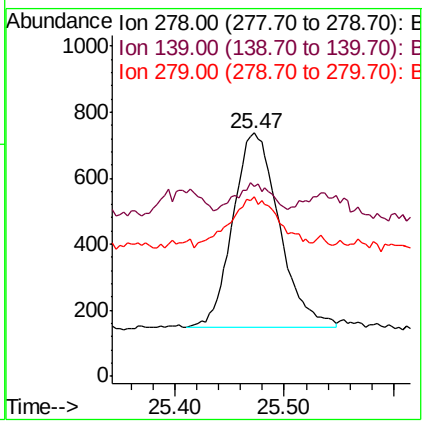


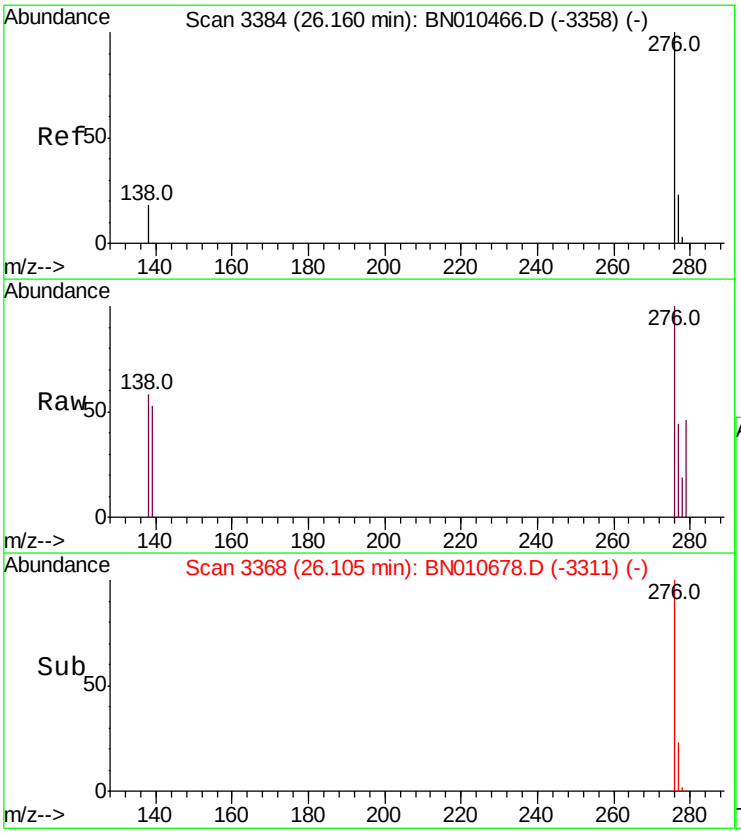
#38
Dibenzo(a,h)anthracene
Concen: 0.039 ng
RT: 25.47 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Instrument :
BNA_N
ClientSampleId :
B-1511-B

Tgt Ion:278 Resp: 1739

Ion	Ratio	Lower	Upper
278	100		
139	77.7	12.3	18.5#
279	73.9	21.9	32.9#





#39
Benzo(g,h,i)perylene
Concen: 0.050 ng
RT: 26.11 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN010678.D
Acq: 30 Apr 2020 17:26

Tgt Ion:276 Resp: 2211

Ion	Ratio	Lower	Upper
276	100		
277	44.1	20.2	30.2#
138	57.8	15.4	23.2#