Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010638.D
Acq On : 29 Apr 2020 00:16
Operator : CG/JU
Sample : L2423-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 29 02:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3649	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	15471	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	10184	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	22282	0.40	ng		0.00
27) Chrysene-d12	21.16	240	18855	0.40	ng		0.00
34) Perylene-d12	23.32	264	17133	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	1168	0.15	ng		0.00
5) Phenol-d6	6.78	99	904	0.09	ng		0.00
8) Nitrobenzene-d5	8.72	82	4126	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	8479	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1561	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	13314	0.36	ng		0.00
25) Fluoranthene-d10	18.99	212	23567	0.35	ng		0.00
29) Terphenyl-d14	19.60	244	19830	0.46	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.52	42	280	0.161	ng	#	1
9) Naphthalene	10.39	128	309355	8.051	ng		99
12) 2-Methylnaphthalene	12.01	142	45235	1.639	ng		99
16) Acenaphthylene	13.92	152	6367	0.145	ng	#	80
17) Acenaphthene	14.27	154	33333	1.179	ng		98
18) Fluorene	15.26	166	30081	0.812	ng		97
23) Phenanthrene	17.00	178	46866	0.779	ng		100
24) Anthracene	17.09	178	10028	0.182	ng	#	83
26) Fluoranthene	19.02	202	21877	0.292	ng		100
28) Pyrene	19.39	202	24176	0.381	ng	#	95
30) Benzo(a)anthracene	21.14	228	2395	0.039	ng	#	71
31) Chrysene	21.20	228	2772	0.045	ng	#	73
32) Bis(2-ethylhexyl)phthalate	21.10	149	4384	0.139	ng		98
35) Benzo(b)fluoranthene	22.68	252	1310	0.023	ng	#	1
36) Benzo(k)fluoranthene	22.68	252	1310	0.023	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Time: Apr 29 02:04:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
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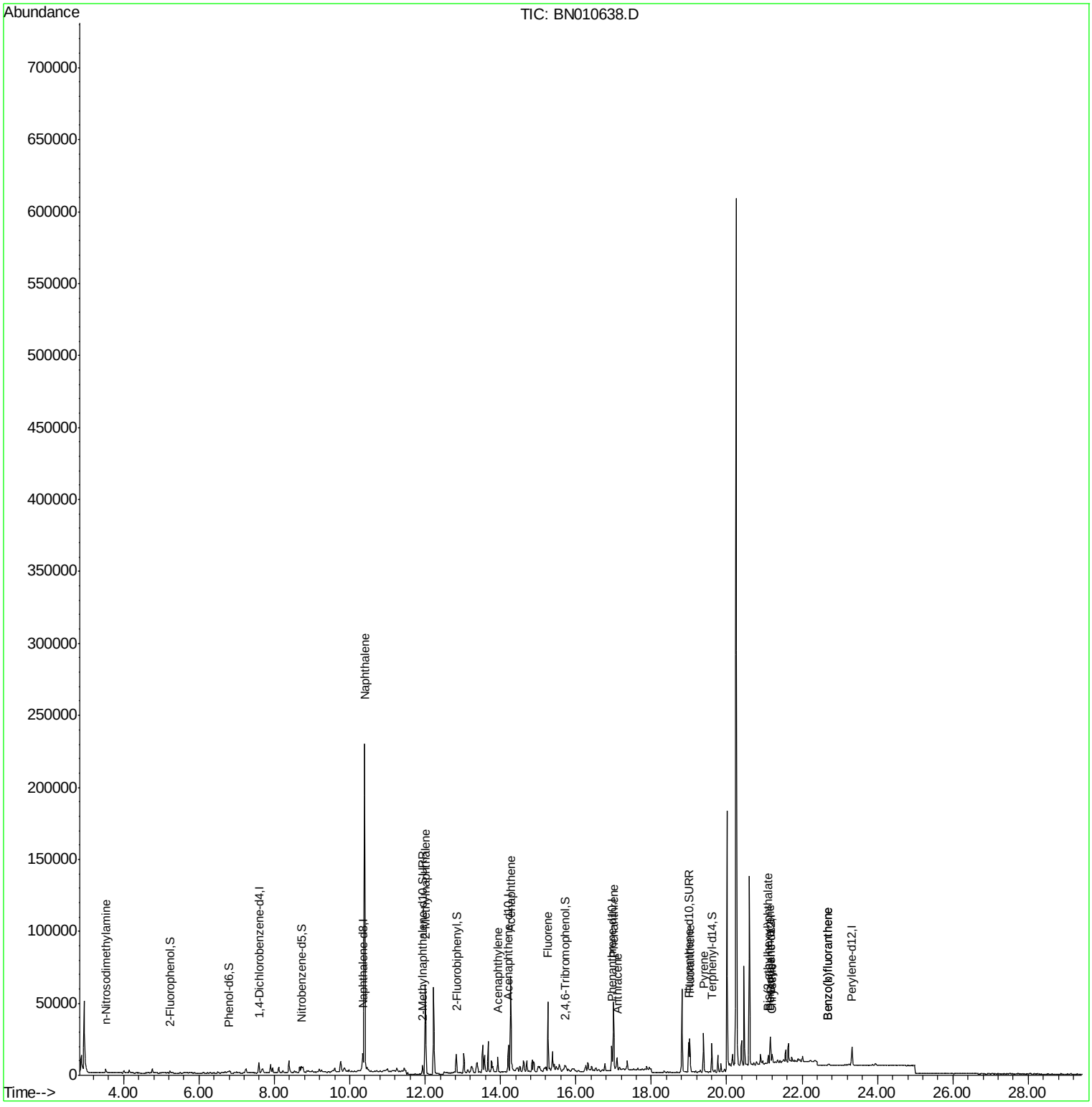
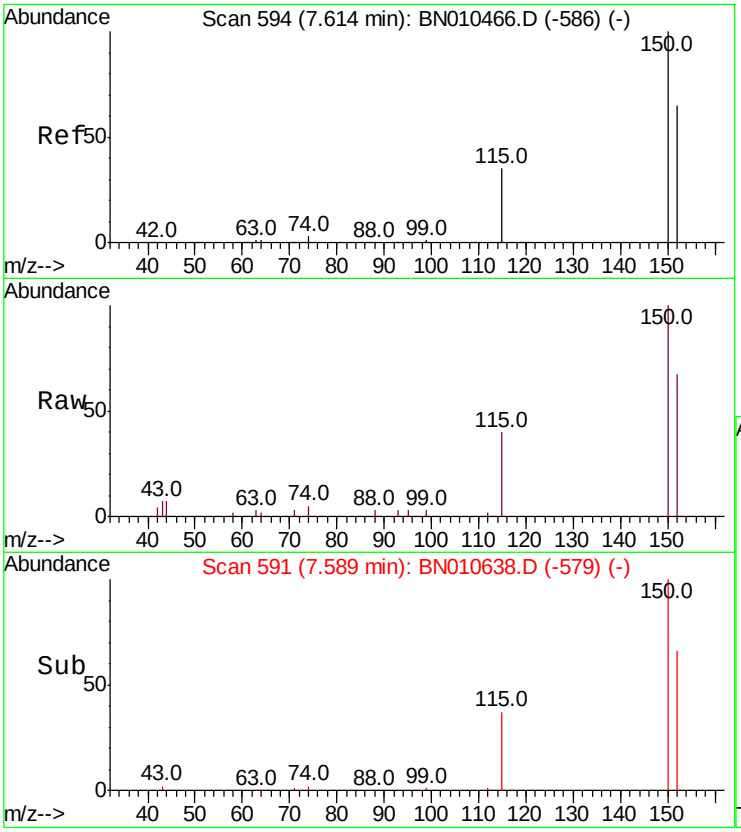


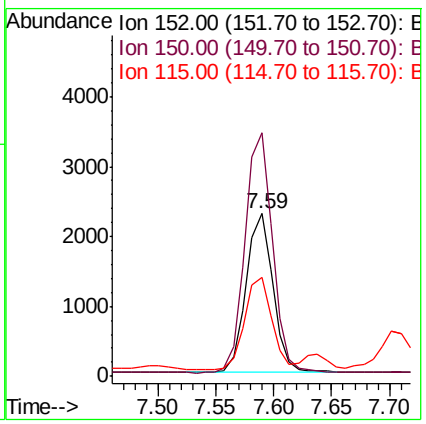


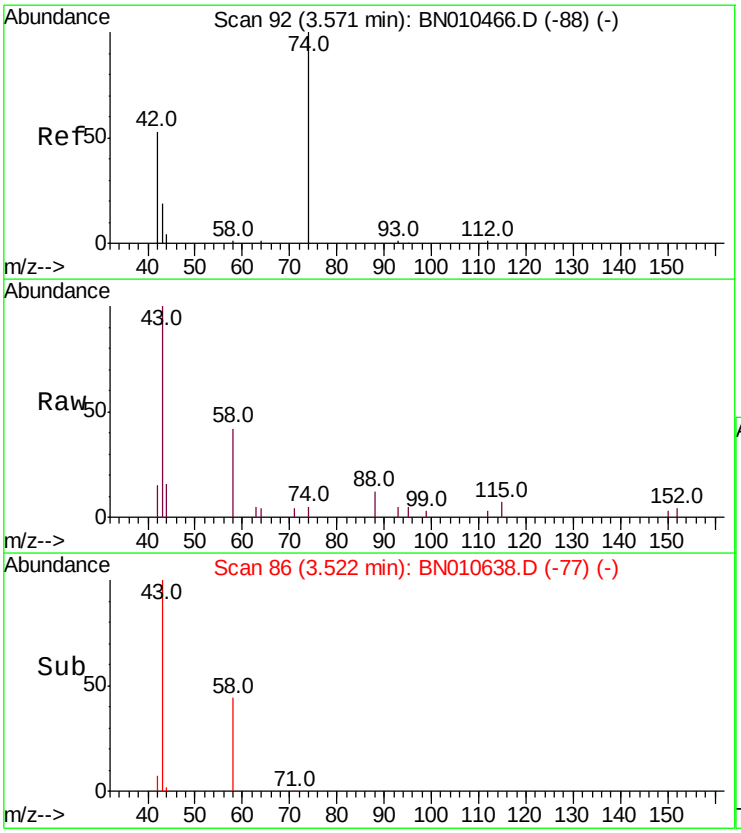
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3649

Ion	Ratio	Lower	Upper
152	100		
150	149.4	121.8	182.6
115	60.5	45.5	68.3

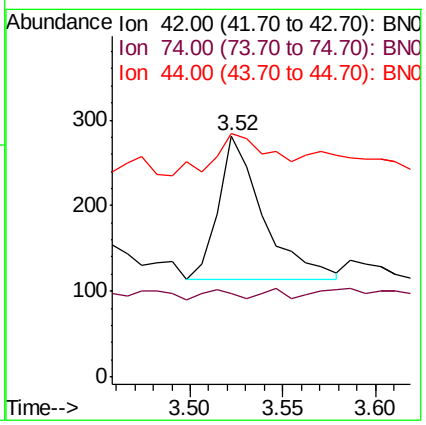


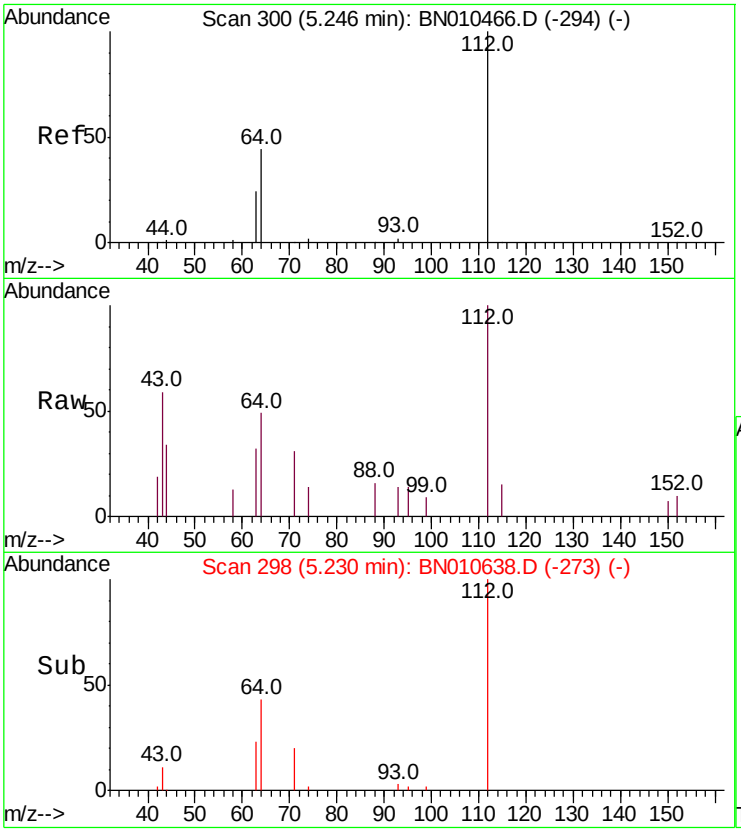


#3
n-Nitrosodimethylamine
Concen: 0.161 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.02 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion: 42 Resp: 280

Ion	Ratio	Lower	Upper
42	100		
74	5.0	162.2	243.4#
44	36.1	2.4	3.6#



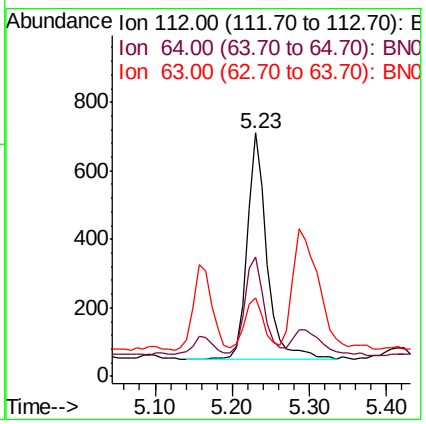


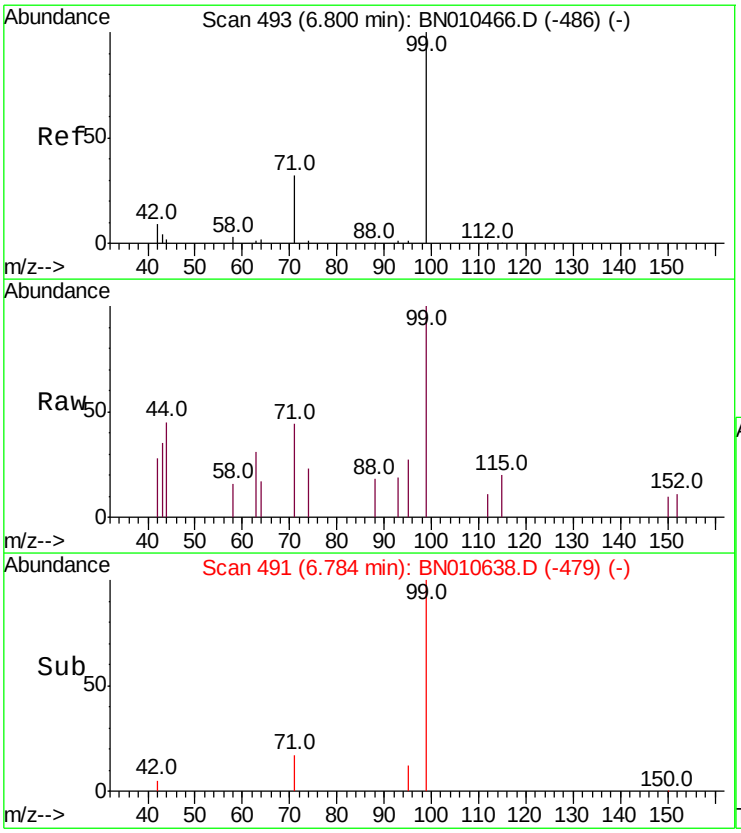
#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1168

Ion	Ratio	Lower	Upper
112	100		
64	42.8	35.8	53.8
63	22.2	19.9	29.9

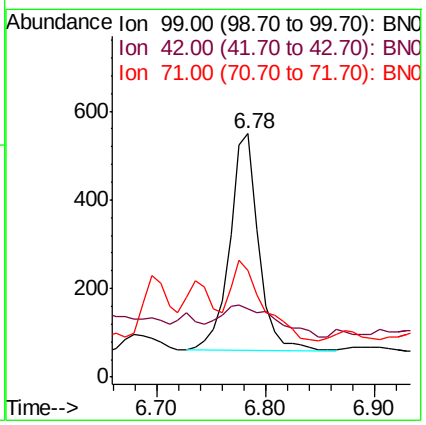


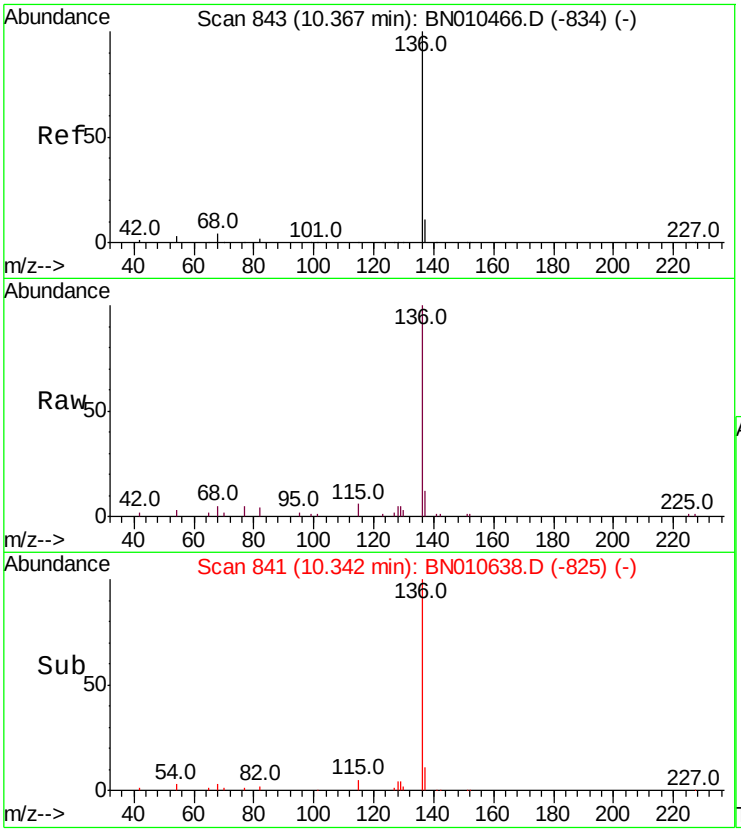


#5
Phenol-d6
Concen: 0.087 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion: 99 Resp: 904

Ion	Ratio	Lower	Upper
99	100		
42	27.9	9.8	14.6#
71	41.6	27.8	41.8



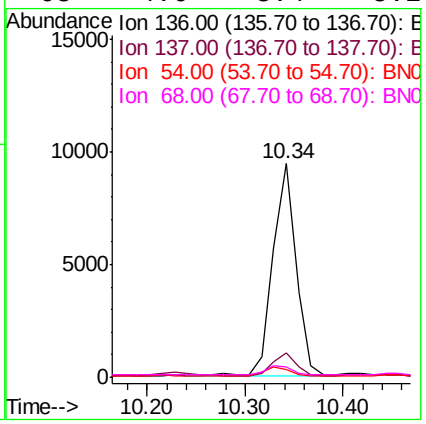


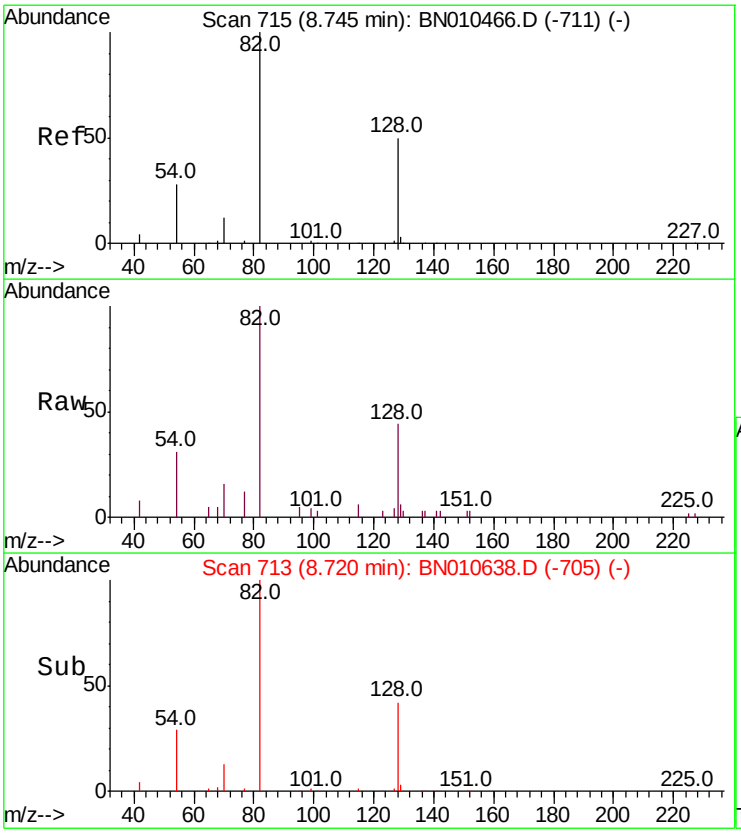
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15471

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	3.5	2.6	4.0
68	4.6	3.4	5.2

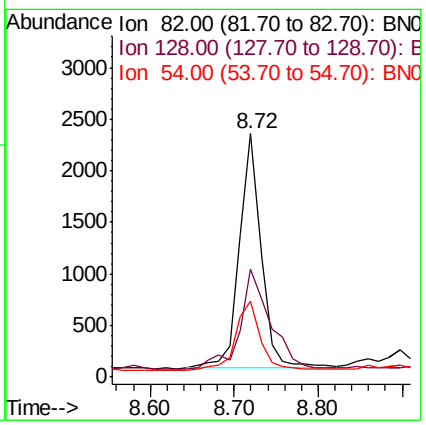


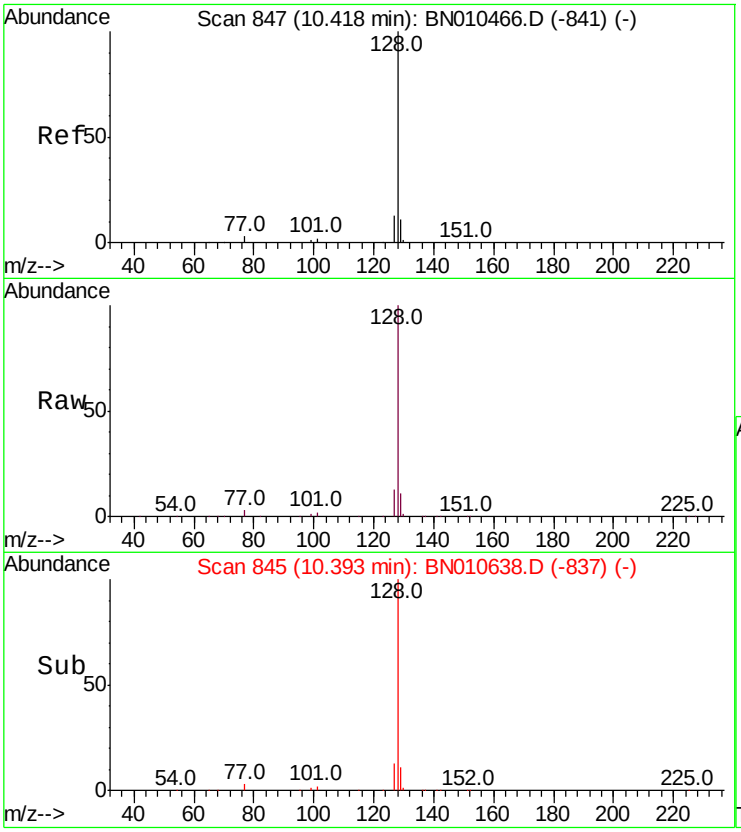


#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion: 82 Resp: 4126

Ion	Ratio	Lower	Upper
82	100		
128	44.1	41.3	61.9
54	30.9	23.4	35.0



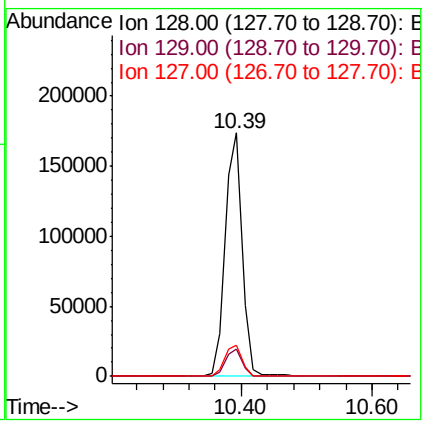


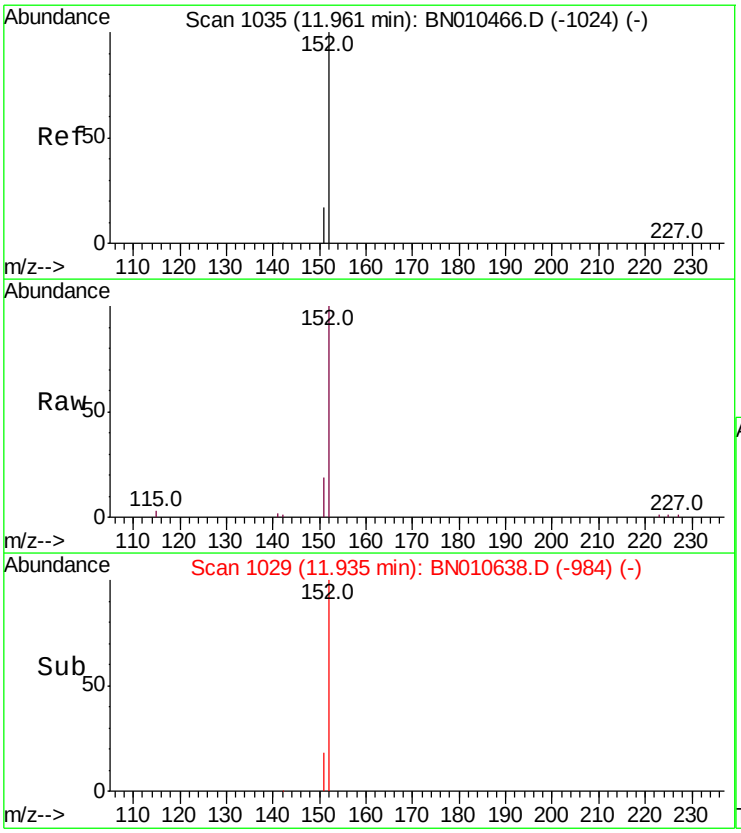
#9
Naphthalene
Concen: 8.051 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 309355

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.0	10.5	15.7

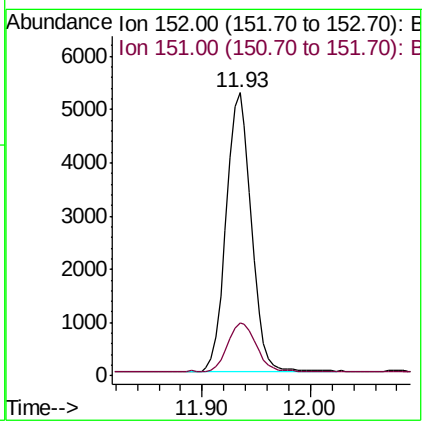


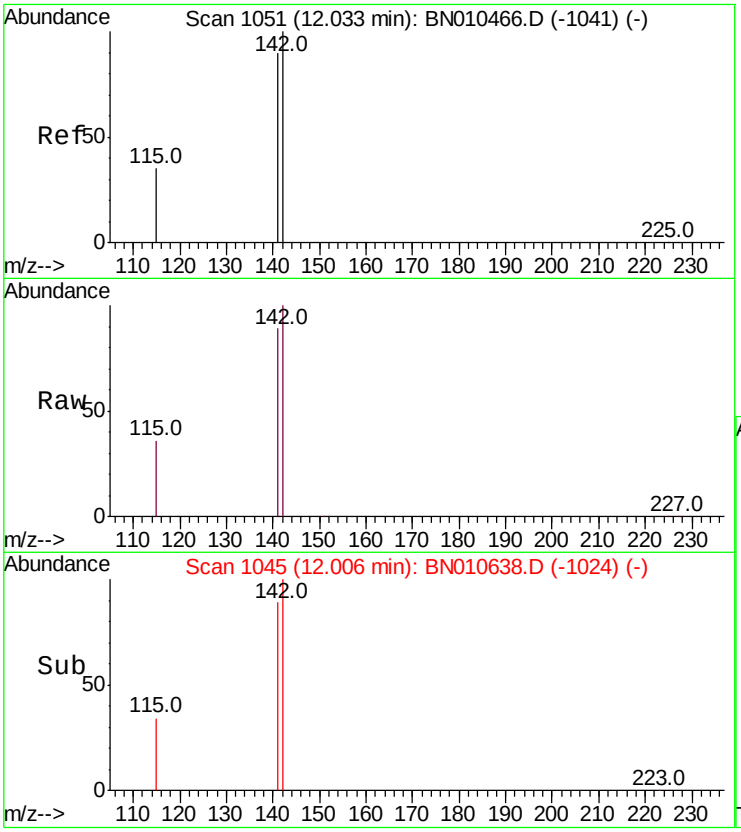


#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:152 Resp: 8479

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.3	22.9



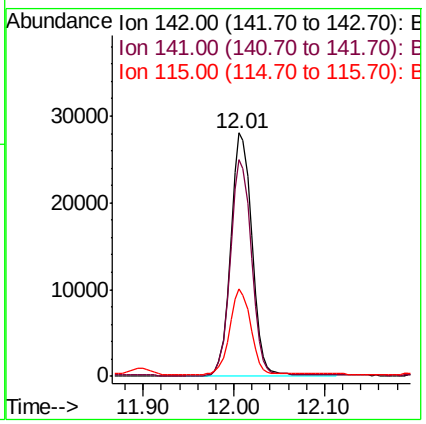


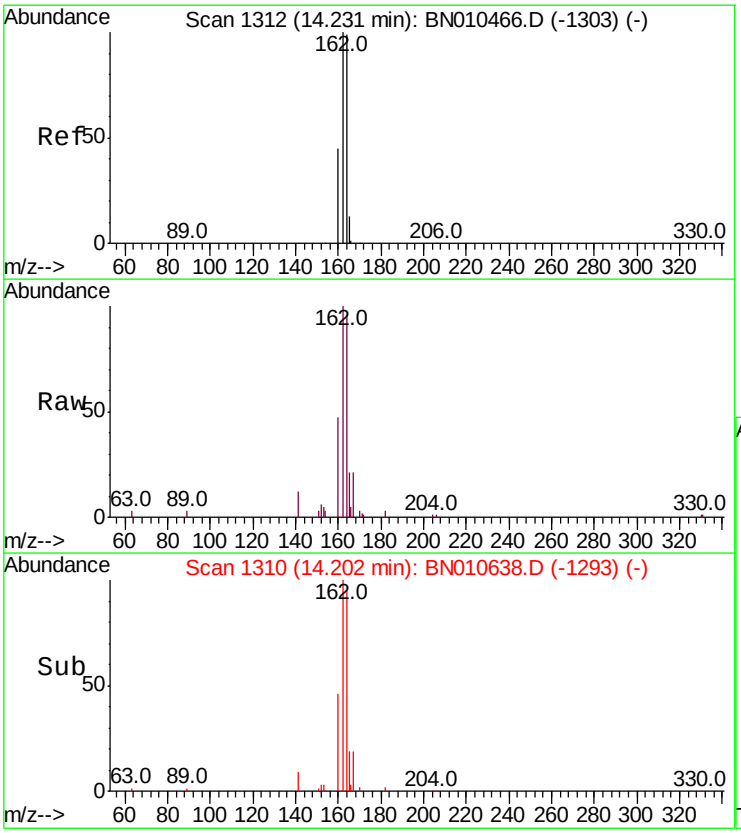
#12
2-Methylnaphthalene
Concen: 1.639 ng
RT: 12.01 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 45235

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	35.9	28.8	43.2

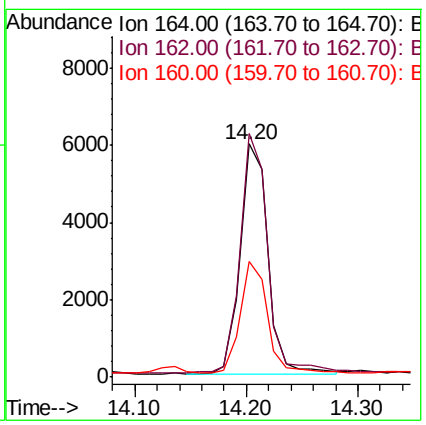


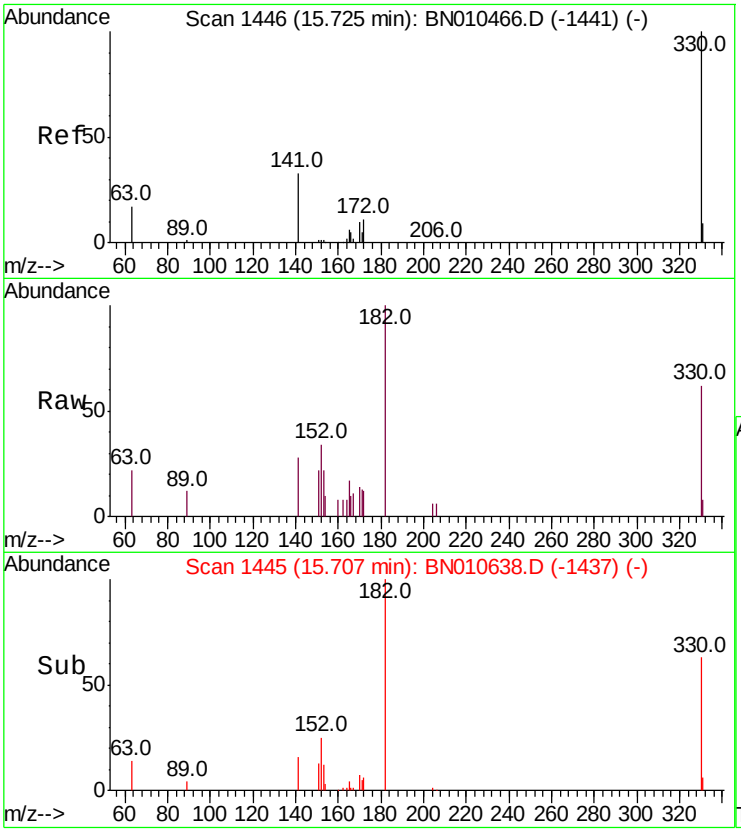


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:164 Resp: 10184

Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.6	121.0
160	49.5	36.5	54.7



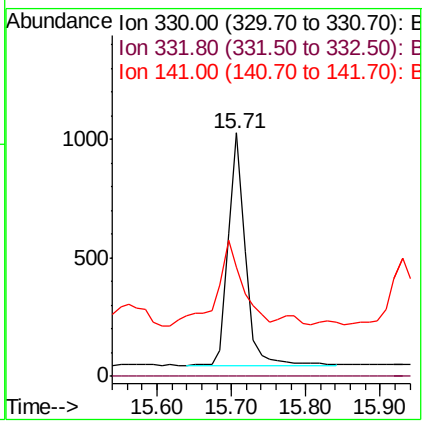


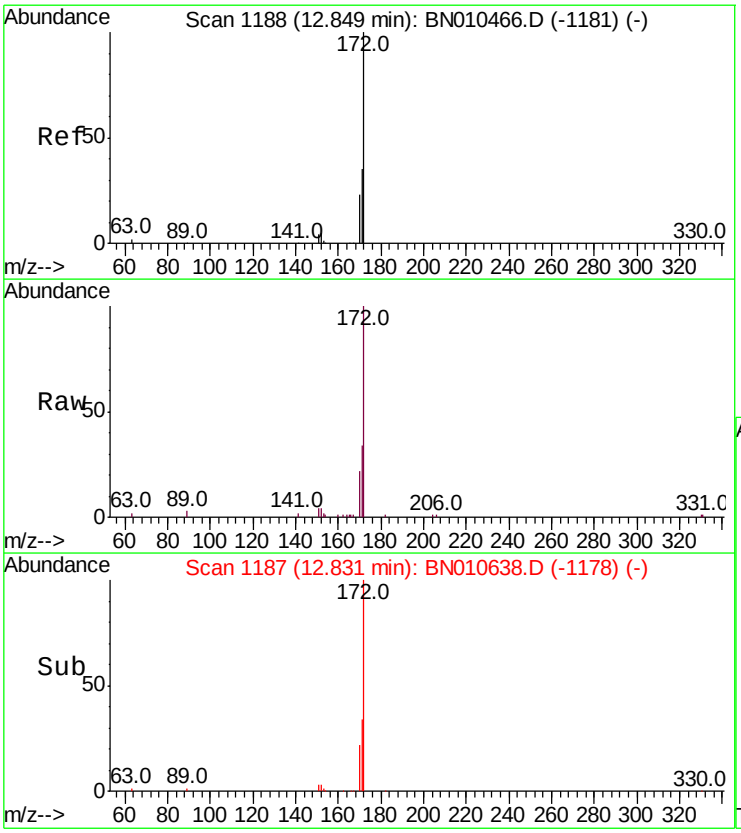
#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1561

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.5	28.1	42.1#

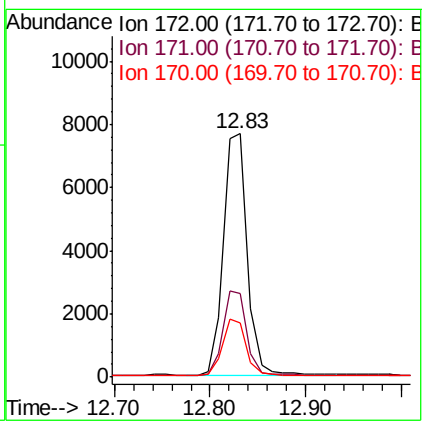


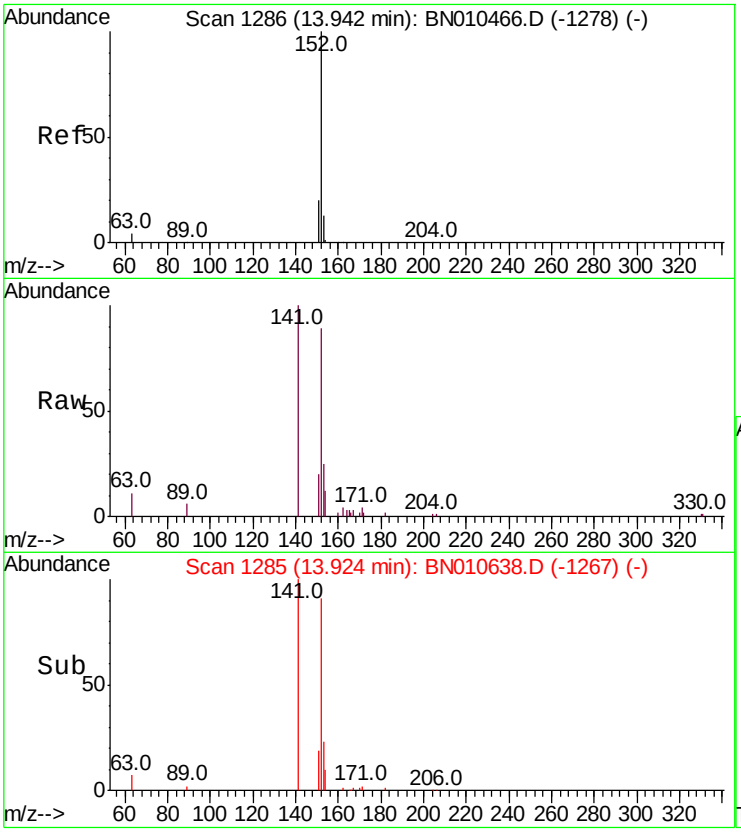


#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:172 Resp: 13314

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	22.0	18.4	27.6



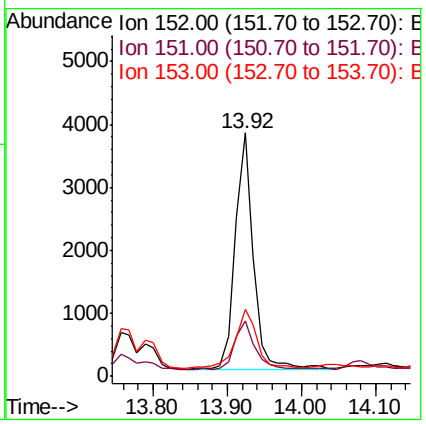


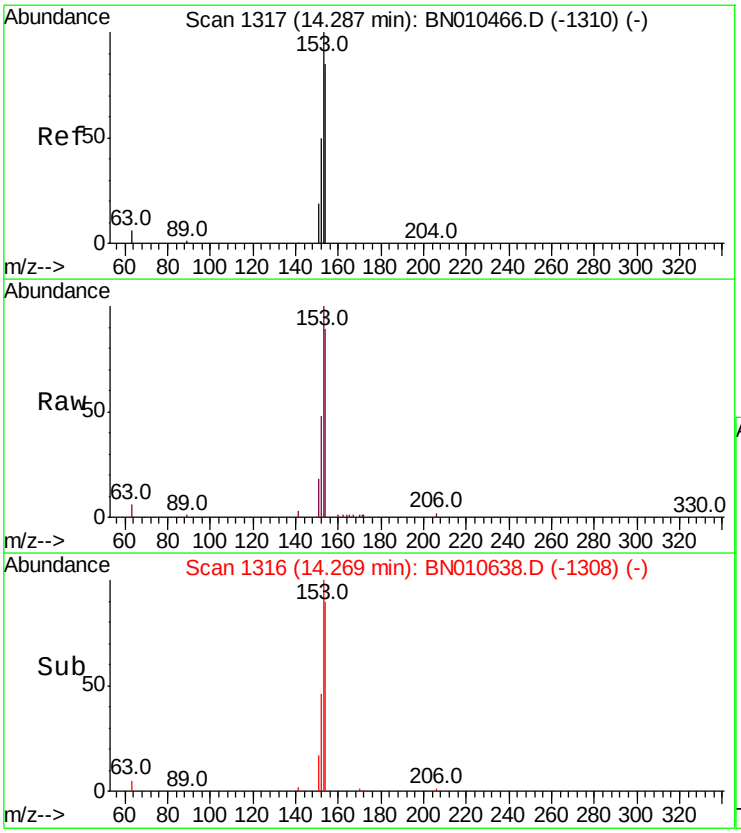
#16
Acenaphthylene
Concen: 0.145 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6367

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.7	23.5
153	30.1	10.6	15.8#

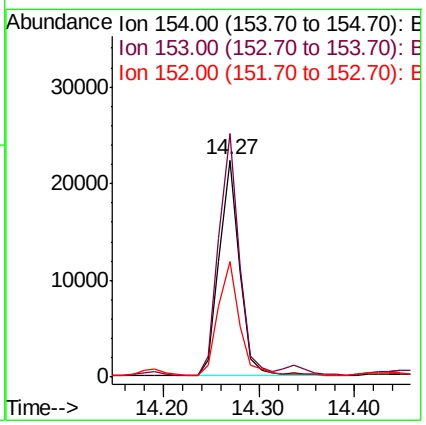


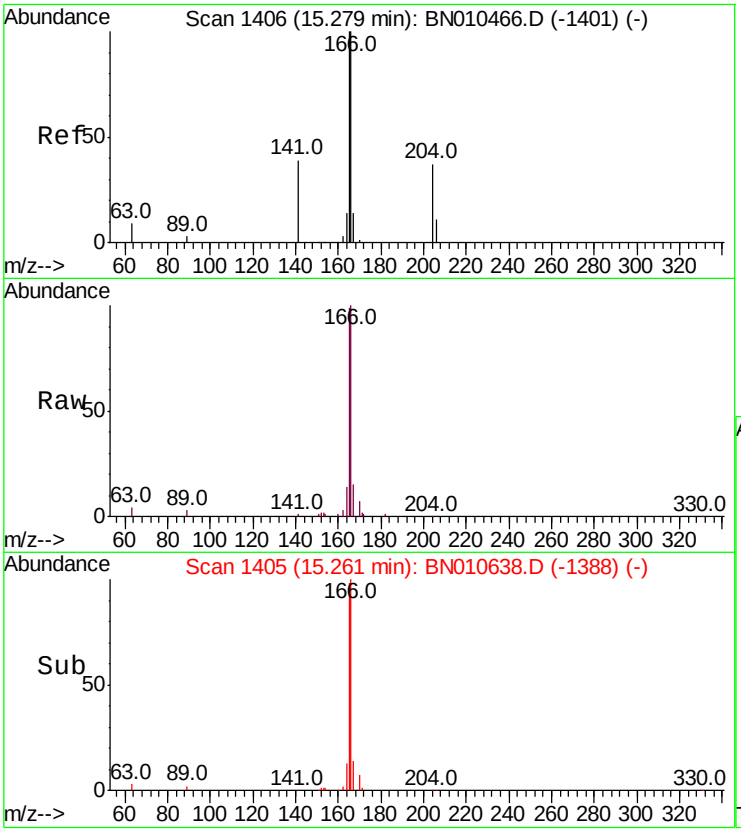


#17
Acenaphthene
Concen: 1.179 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:154 Resp: 33333

Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.0	136.4
152	55.2	44.6	67.0



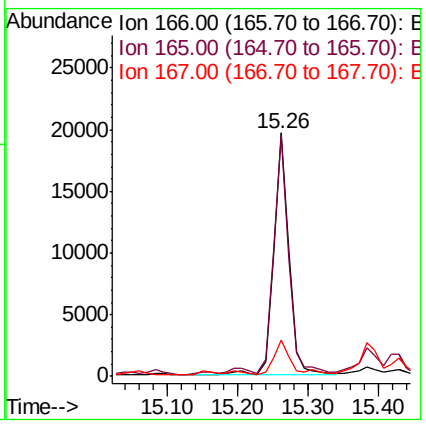


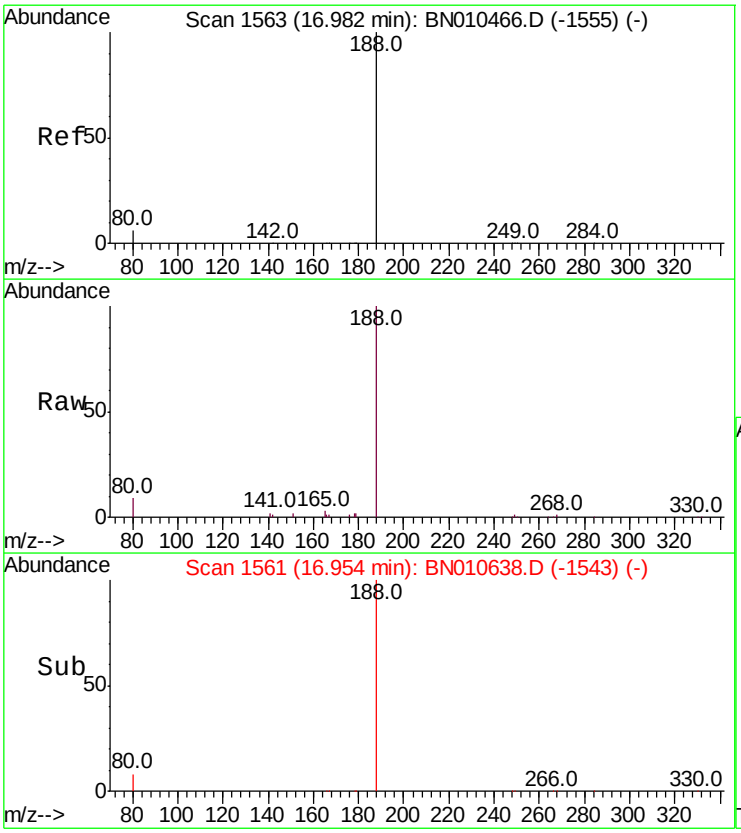
#18
Fluorene
Concen: 0.812 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 30081

Ion	Ratio	Lower	Upper
166	100		
165	94.8	78.4	117.6
167	14.0	10.9	16.3

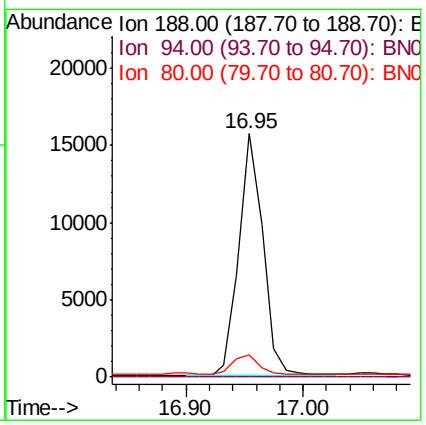


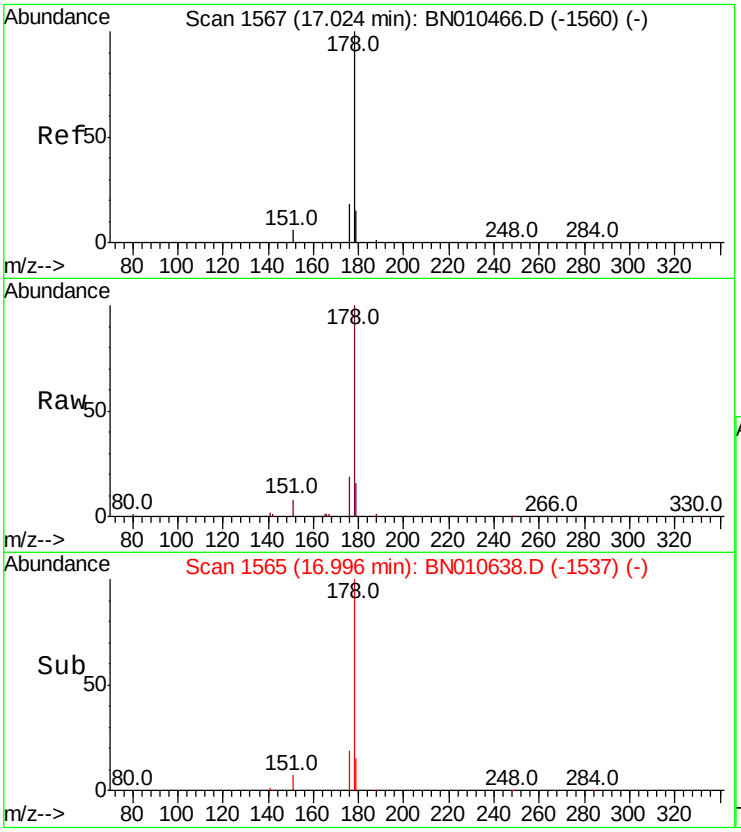


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:188 Resp: 22282

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	5.0	7.6#



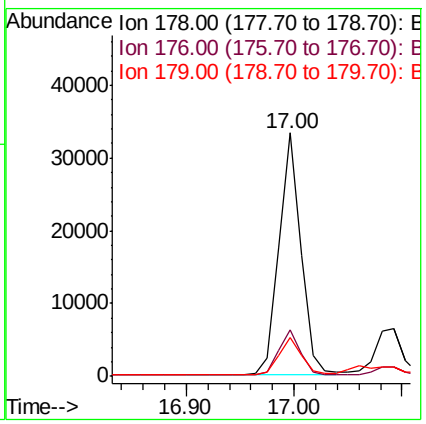


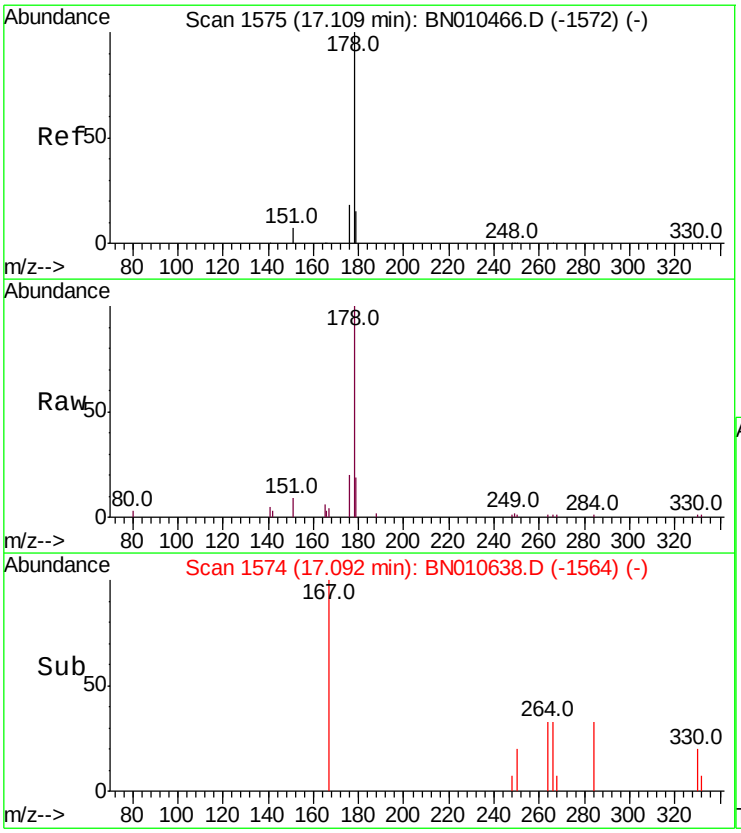
#23
Phenanthrene
Concen: 0.779 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 46866

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.9	12.6	18.8

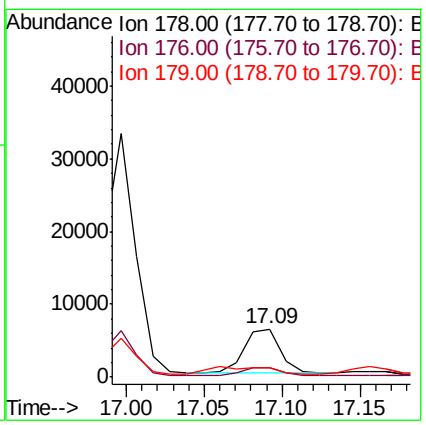


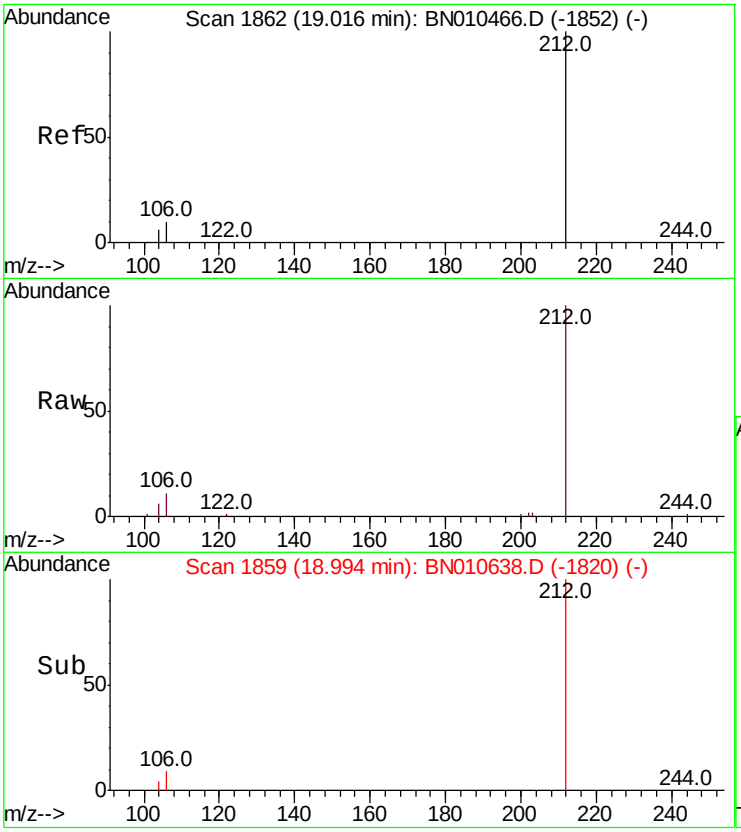


#24
Anthracene
Concen: 0.182 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:178 Resp: 10028

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	0.0	12.2	18.2#



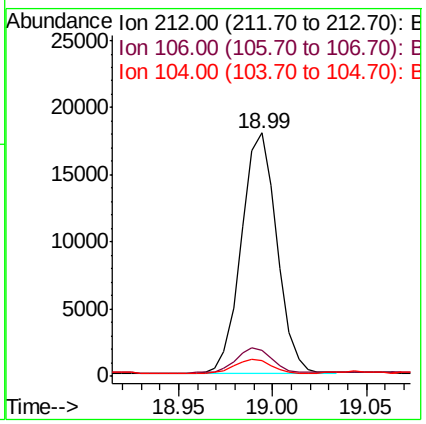


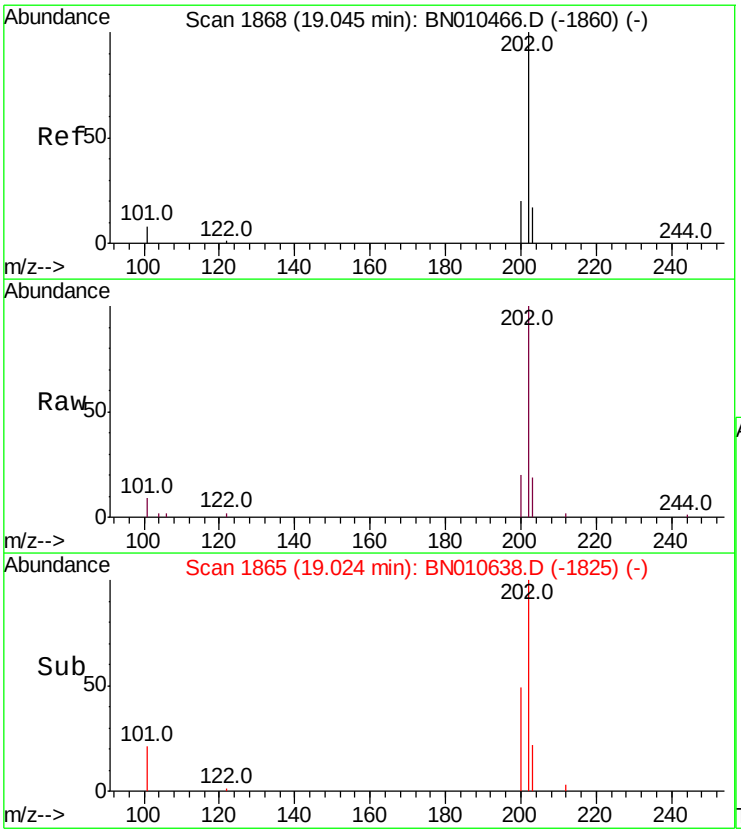
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 23567

Ion	Ratio	Lower	Upper
212	100		
106	10.8	7.8	11.6
104	5.9	4.5	6.7

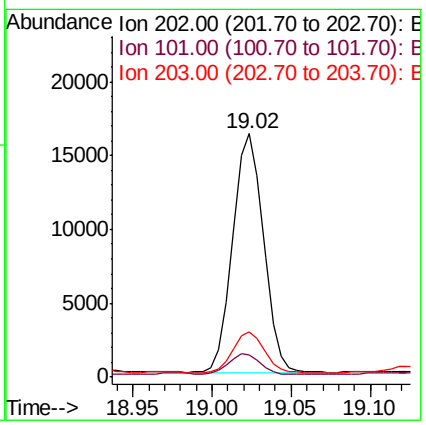


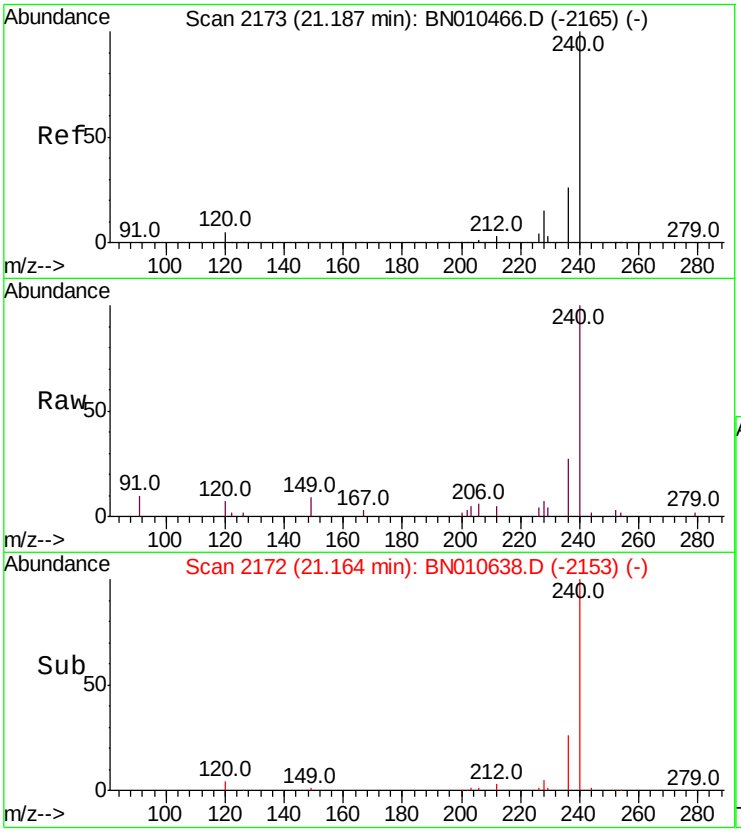


#26
Fluoranthene
Concen: 0.292 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:202 Resp: 21877

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
203	17.5	13.9	20.9



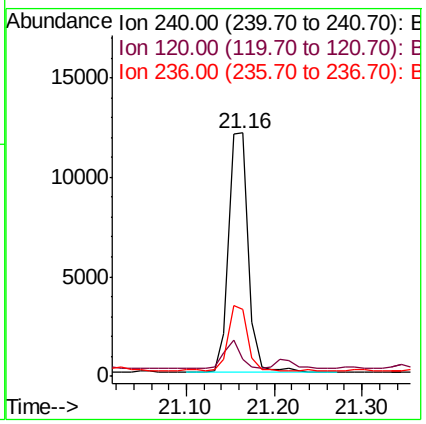


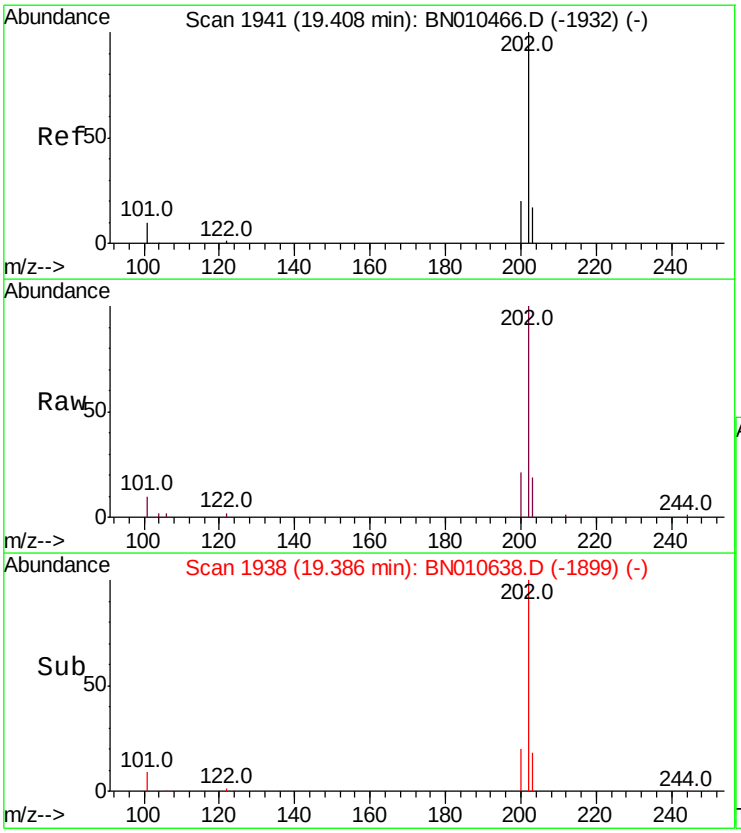
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18855

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.8	7.2
236	27.4	21.4	32.0

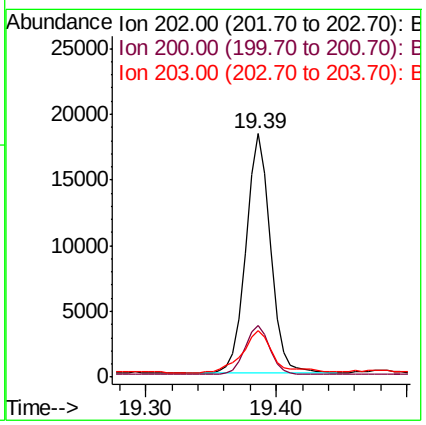


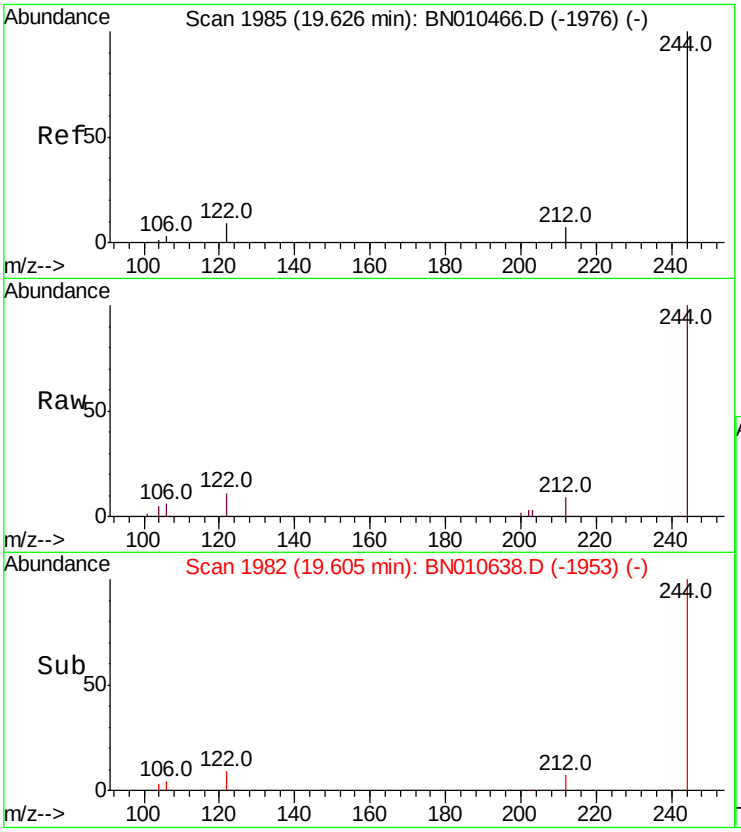


#28
Pyrene
Concen: 0.381 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:202 Resp: 24176

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	22.0	14.0	21.0#



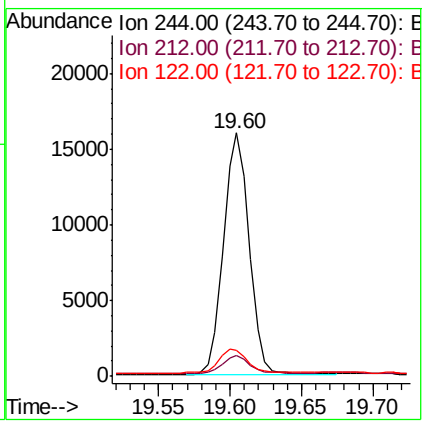


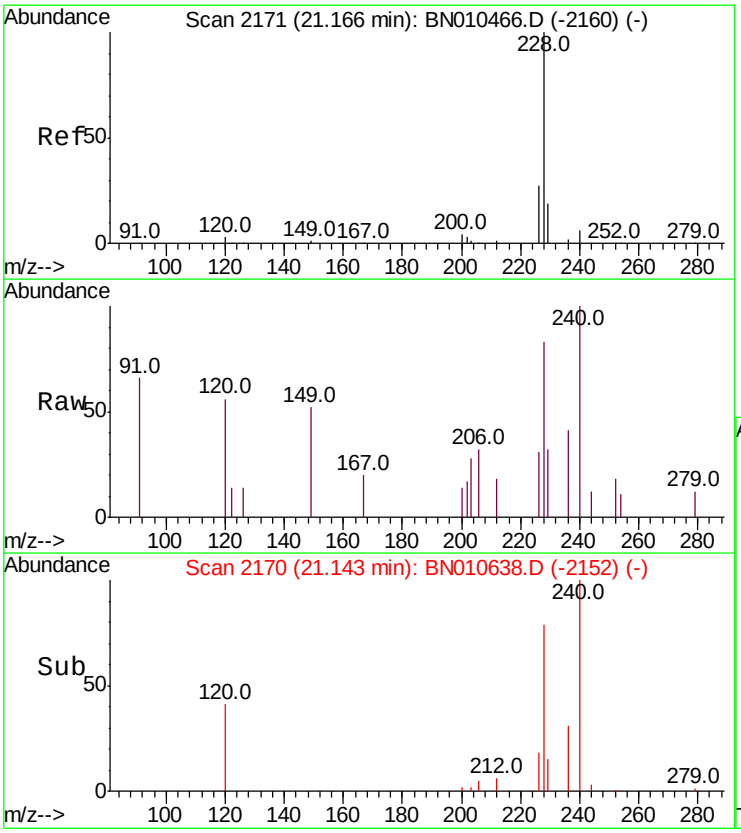
#29
Terphenyl-d14
Concen: 0.460 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19830

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	10.6	7.8	11.8

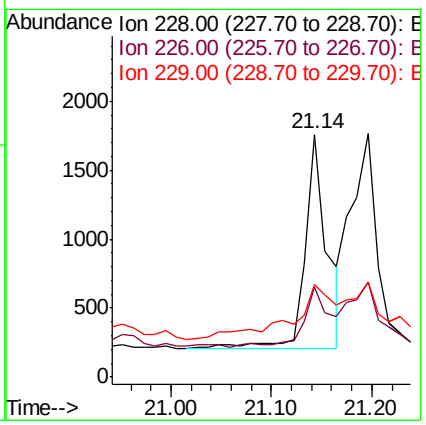


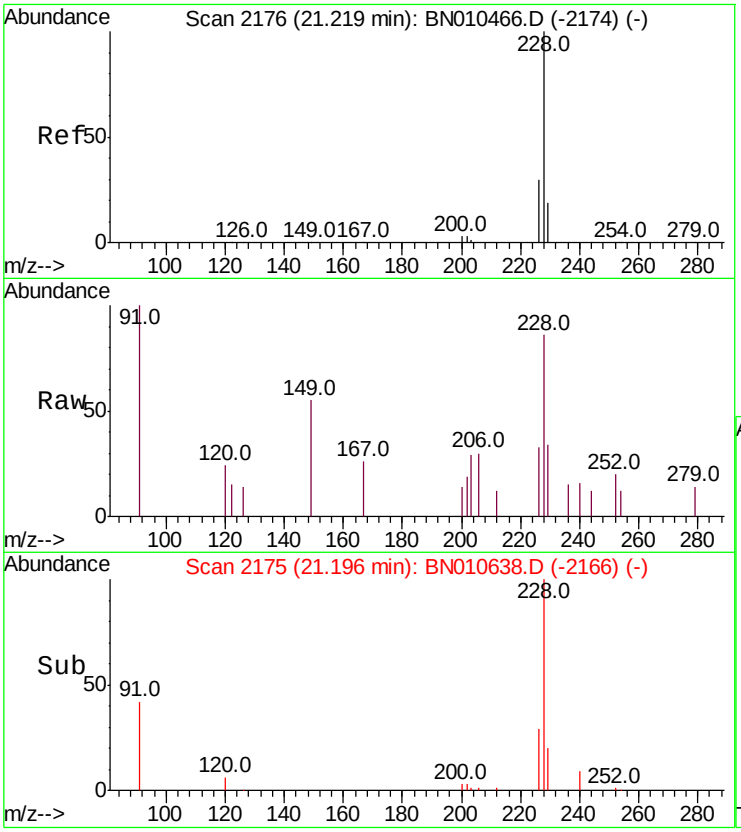


#30
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:228 Resp: 2395

Ion	Ratio	Lower	Upper
228	100		
226	37.1	21.7	32.5#
229	38.3	15.6	23.4#



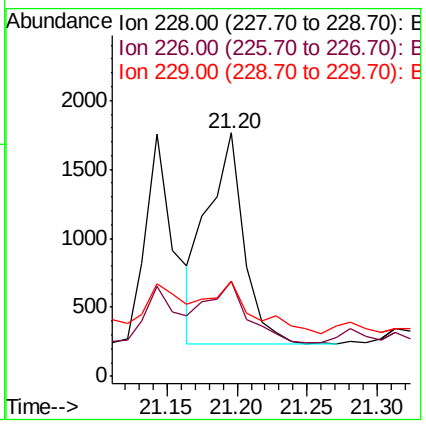


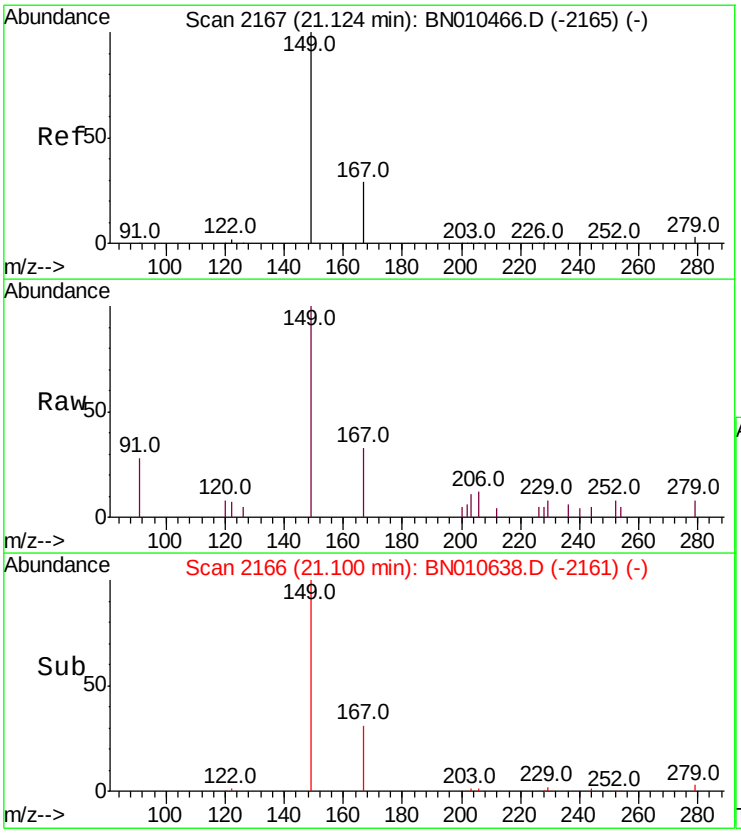
#31
Chrysene
Concen: 0.045 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2772

Ion	Ratio	Lower	Upper
228	100		
226	38.9	24.0	36.0#
229	39.2	15.8	23.6#

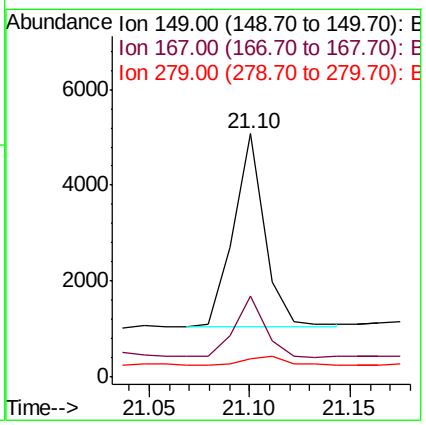


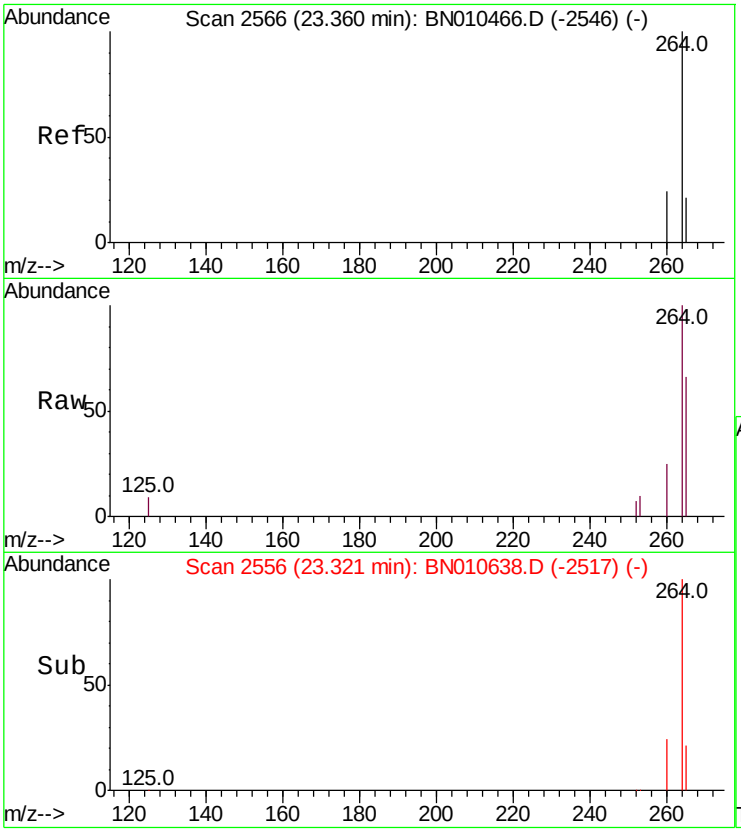


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.139 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:149 Resp: 4384

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.4	35.0
279	5.7	4.0	6.0



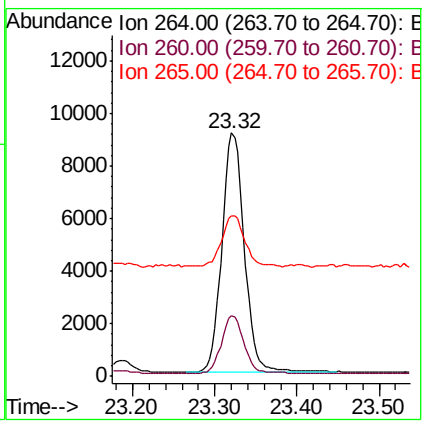


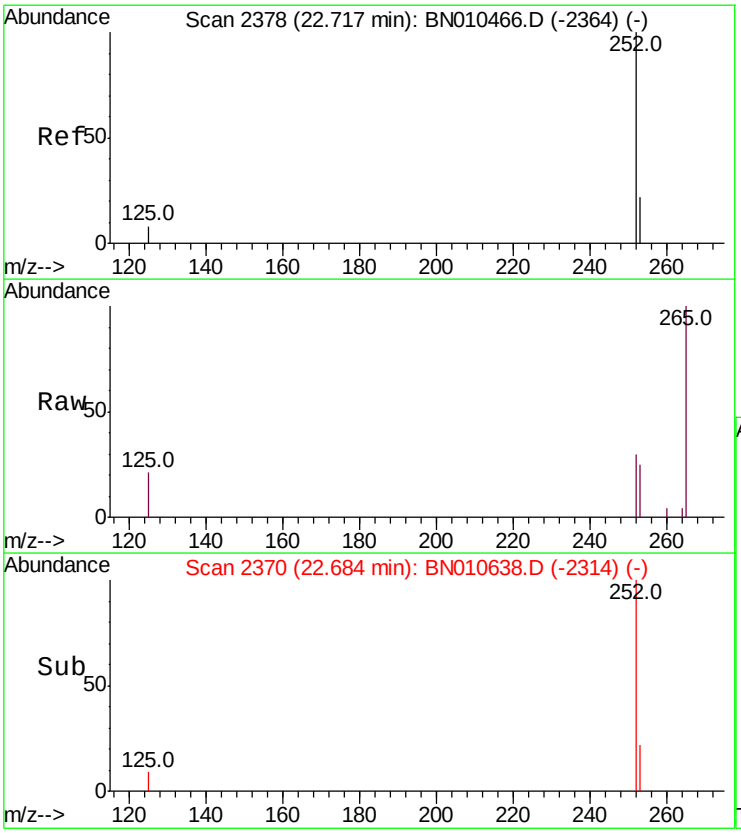
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 17133

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	65.7	42.3	63.5#

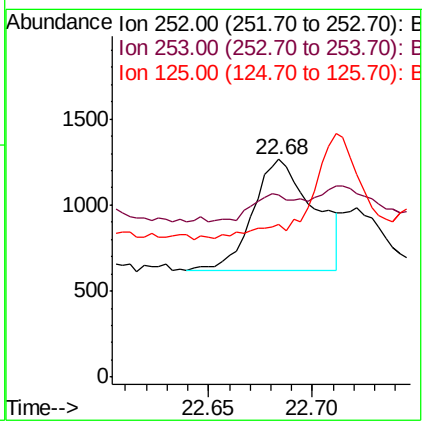


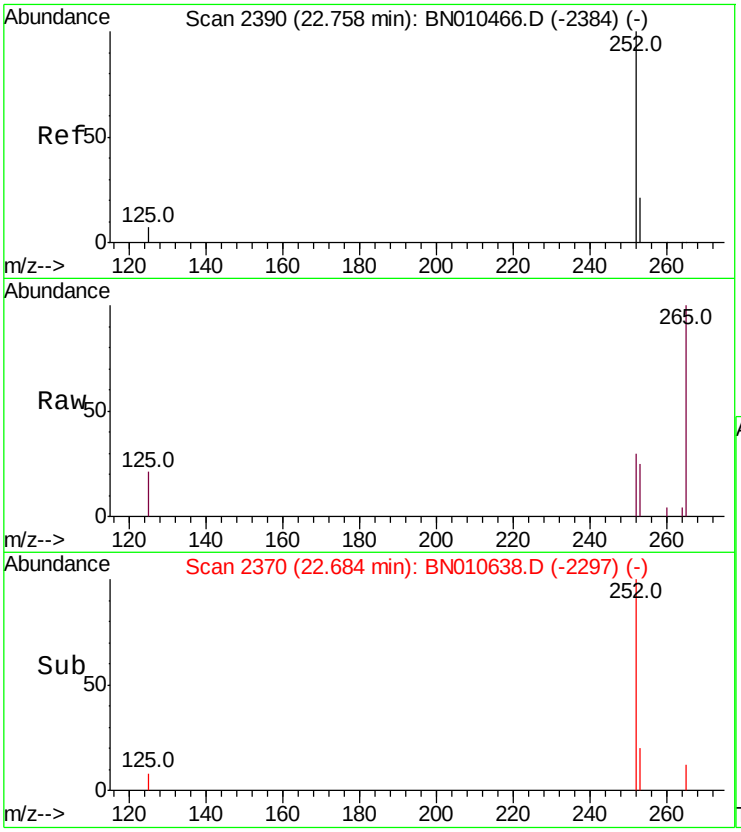


#35
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 22.68 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Tgt Ion:252 Resp: 1310

Ion	Ratio	Lower	Upper
252	100		
253	83.7	20.2	30.4#
125	70.0	9.2	13.8#





#36
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.68 min Scan# 2370
Delta R.T. -0.05 min
Lab File: BN010638.D
Acq: 29 Apr 2020 00:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1310

Ion	Ratio	Lower	Upper
252	100		
253	83.7	20.1	30.1#
125	70.0	9.6	14.4#