Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010464.D
Acq On : 13 Apr 2020 13:12
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 13 18:06:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4597	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	18744	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	11802	0.40	ng		0.00
19) Phenanthrene-d10	16.98	188	26982	0.40	ng		0.00
27) Chrysene-d12	21.19	240	26583	0.40	ng		0.00
34) Perylene-d12	23.36	264	24268	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1059	0.12	ng		0.00
5) Phenol-d6	6.79	99	1310	0.12	ng		0.00
8) Nitrobenzene-d5	8.75	82	1260	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	11.96	152	2917	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	463	0.10	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	4161	0.09	ng		0.00
25) Fluoranthene-d10	19.02	212	7612	0.09	ng		0.00
29) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	321	0.074	ng		91
6) bis(2-Chloroethyl)ether	7.04	93	1200	0.110	ng		99
9) Naphthalene	10.42	128	4547	0.097	ng		96
10) Hexachlorobutadiene	10.71	225	1117	0.099	ng	#	100
12) 2-Methylnaphthalene	12.04	142	3240	0.100	ng		100
16) Acenaphthylene	13.95	152	4604	0.099	ng		99
17) Acenaphthene	14.29	154	3078	0.093	ng		98
18) Fluorene	15.28	166	4005	0.091	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	1301	0.079	ng	#	77
21) Hexachlorobenzene	16.29	284	1668	0.099	ng		98
23) Phenanthrene	17.02	178	6839	0.092	ng		99
24) Anthracene	17.11	178	5770	0.091	ng		99
26) Fluoranthene	19.05	202	8470	0.093	ng		100
28) Pyrene	19.41	202	8865	0.107	ng		100
30) Benzo(a)anthracene	21.17	228	8432	0.100	ng		98
31) Chrysene	21.22	228	8986	0.099	ng		98
32) Bis(2-ethylhexyl)phthalate	21.12	149	4640	0.162	ng		98
33) Indeno(1,2,3-cd)pyrene	25.51	276	7726	0.079	ng		96
35) Benzo(b)fluoranthene	22.72	252	7678	0.093	ng	#	80
36) Benzo(k)fluoranthene	22.76	252	8122	0.097	ng	#	76
37) Benzo(a)pyrene	23.27	252	6952	0.100	ng	#	75
38) Dibenzo(a,h)anthracene	25.53	278	6119	0.081	ng	#	84
39) Benzo(g,h,i)perylene	26.17	276	6325	0.084	ng	#	91

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

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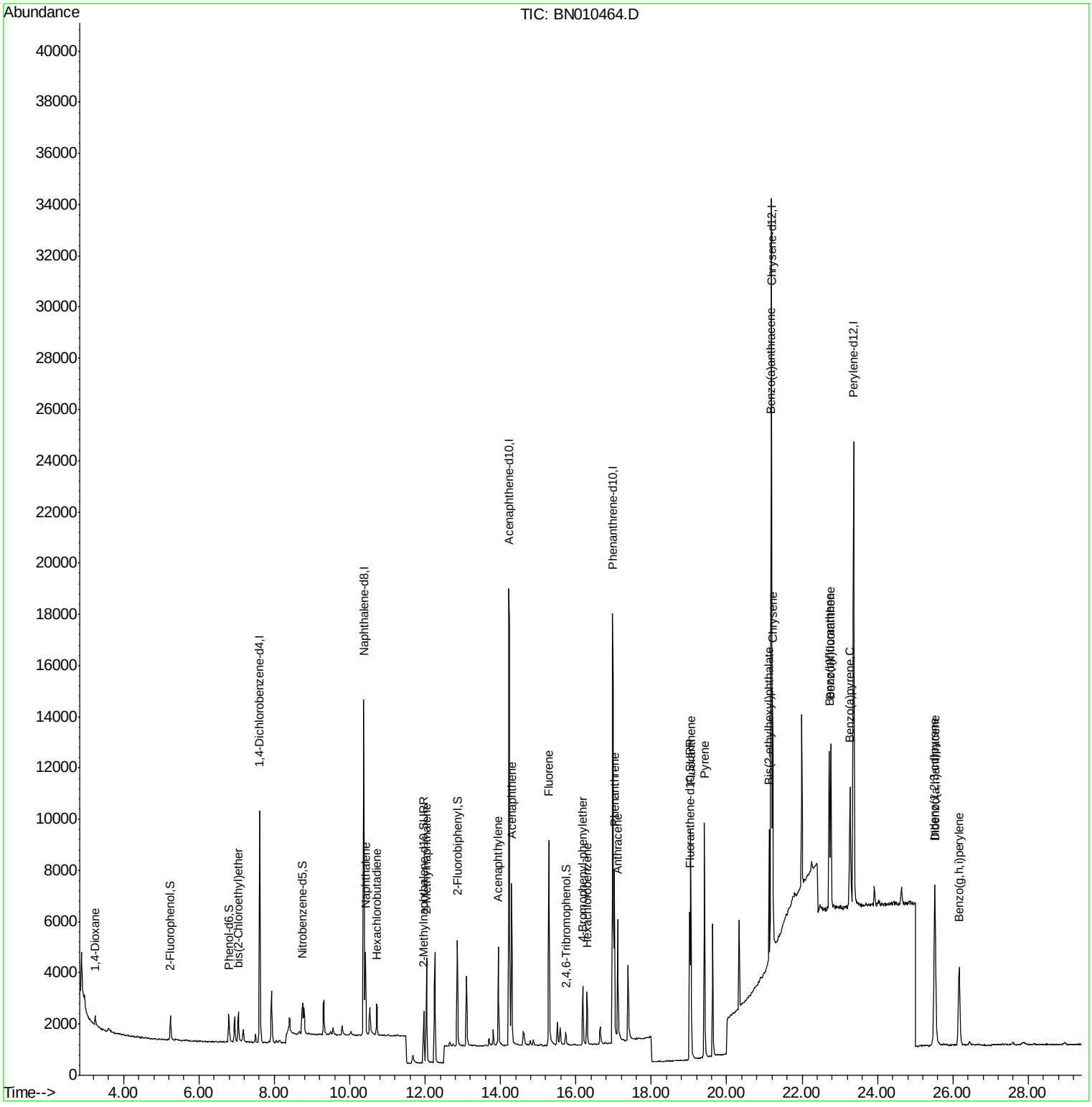
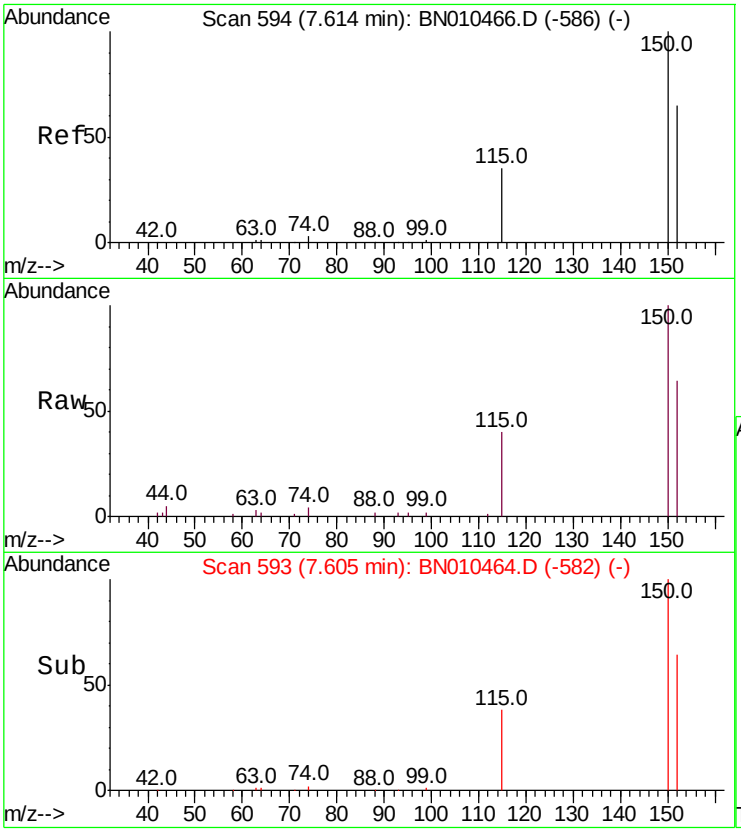
Data File : BN010464.D
Acq On : 13 Apr 2020 13:12
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 13 18:06:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration



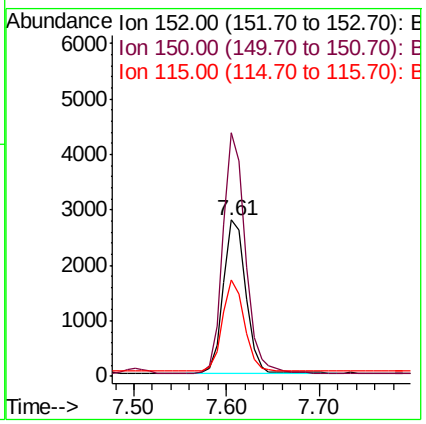


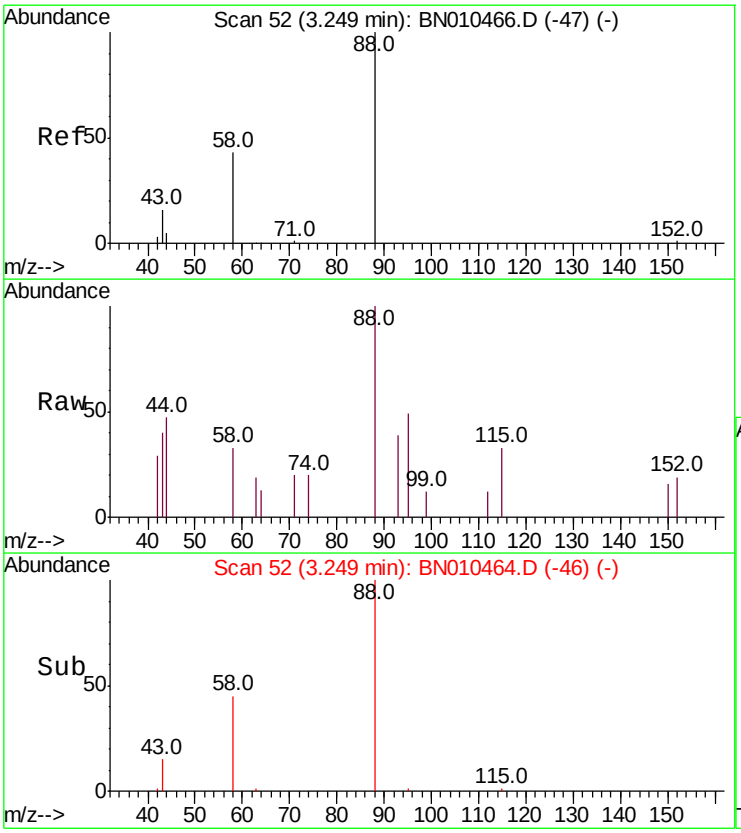
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4597

Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.8	182.6
115	61.8	45.5	68.3

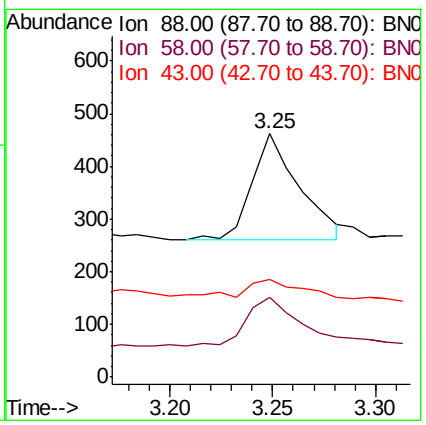


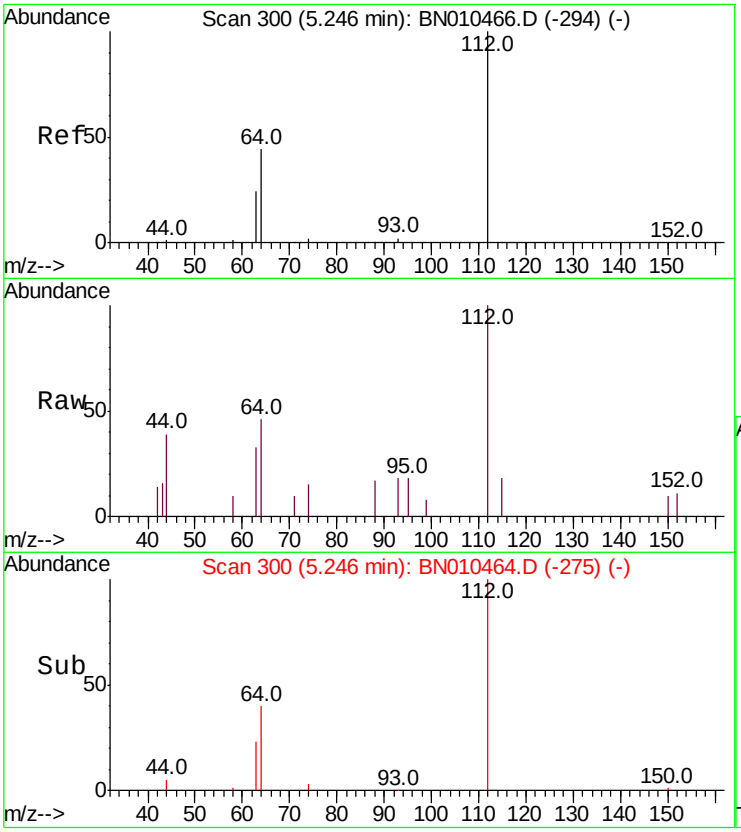


#2
1,4-Dioxane
Concen: 0.074 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion: 88 Resp: 321

Ion	Ratio	Lower	Upper
88	100		
58	52.3	36.5	54.7
43	18.7	13.2	19.8



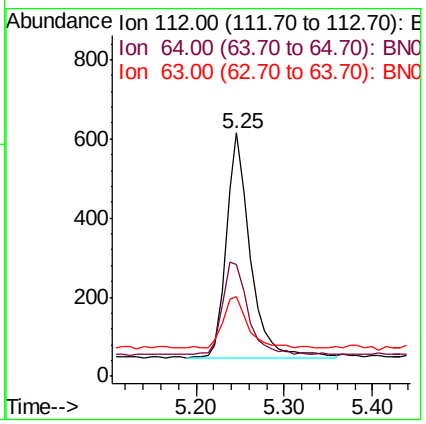


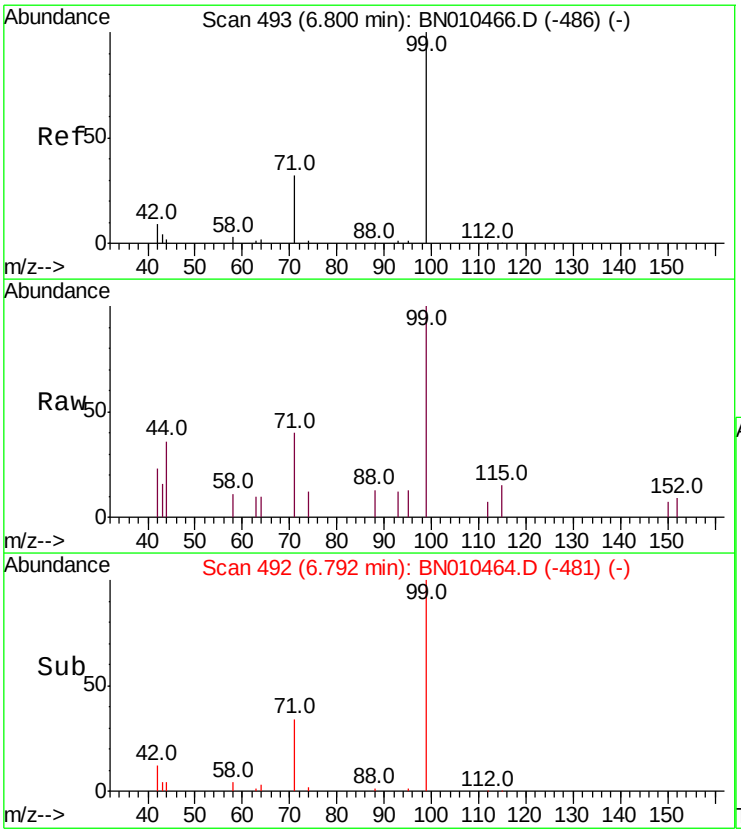
#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:112 Resp: 1059

Ion	Ratio	Lower	Upper
112	100		
64	43.4	35.8	53.8
63	25.5	19.9	29.9

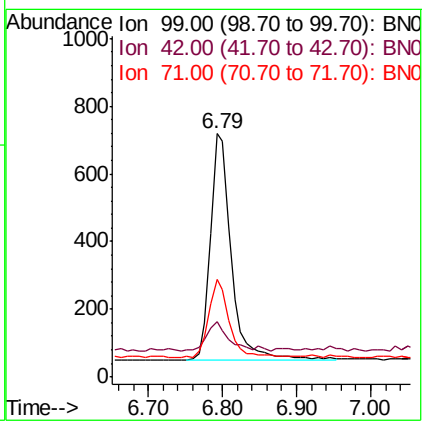


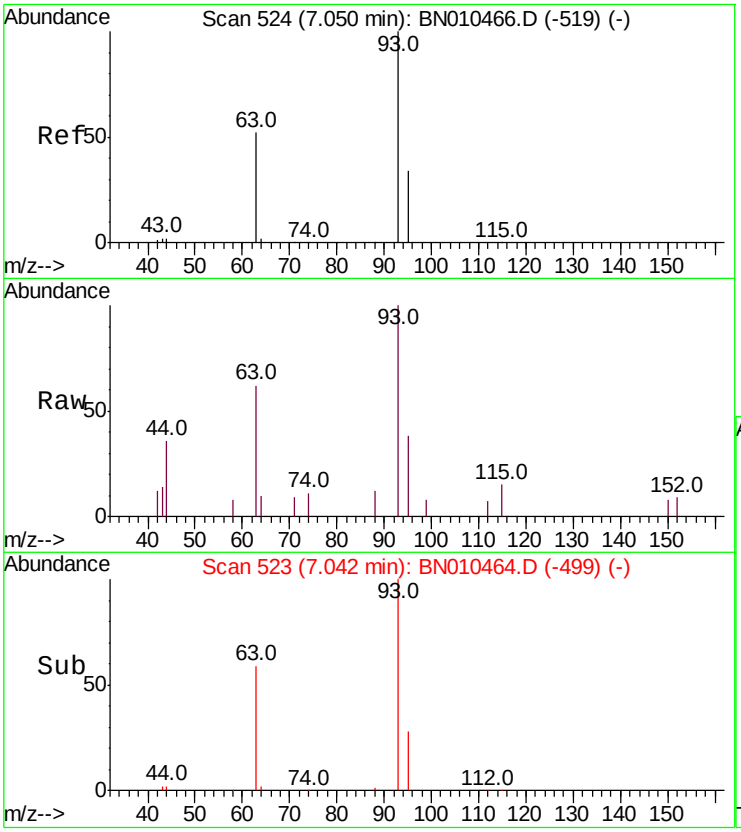


#5
Phenol-d6
Concen: 0.116 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion: 99 Resp: 1310

Ion	Ratio	Lower	Upper
99	100		
42	12.4	9.8	14.6
71	34.7	27.8	41.8



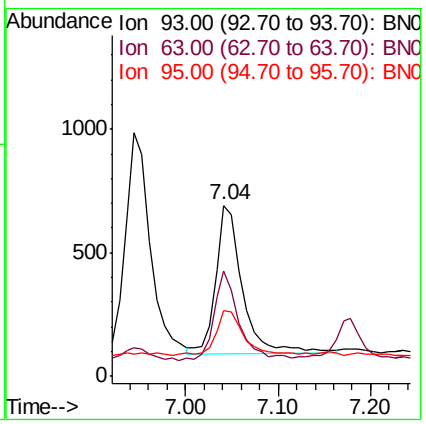


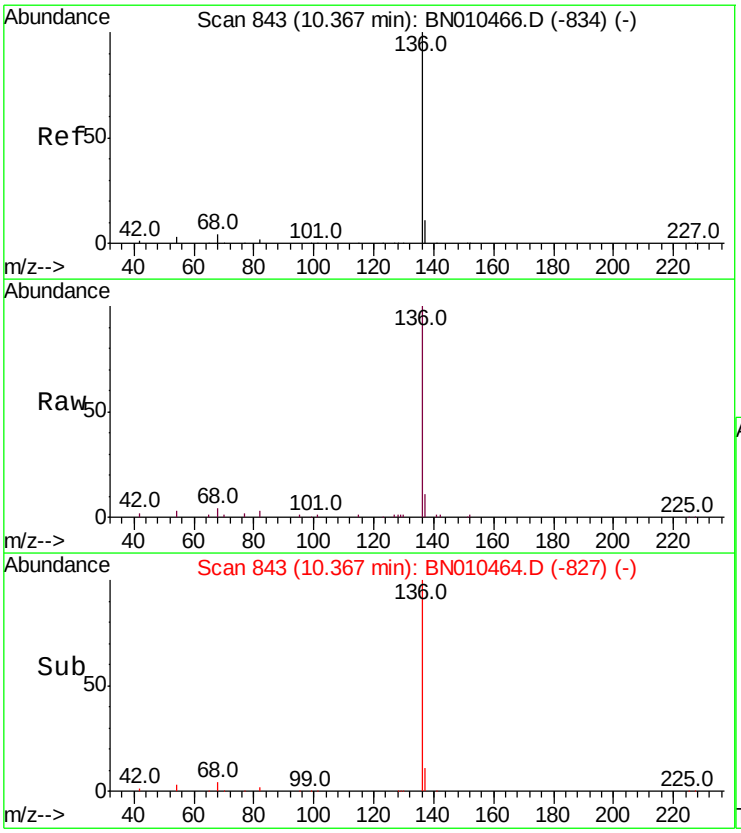
#6
bis(2-Chloroethyl)ether
Concen: 0.110 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 93 Resp: 1200

Ion	Ratio	Lower	Upper
93	100		
63	55.8	44.6	66.8
95	32.5	26.5	39.7

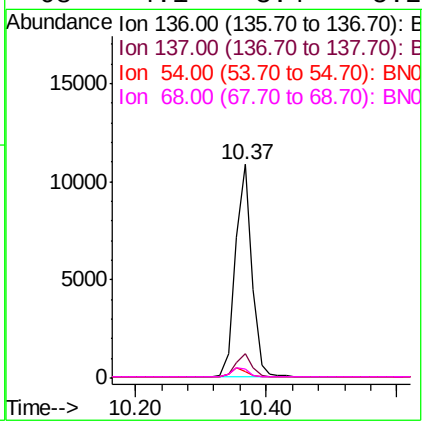


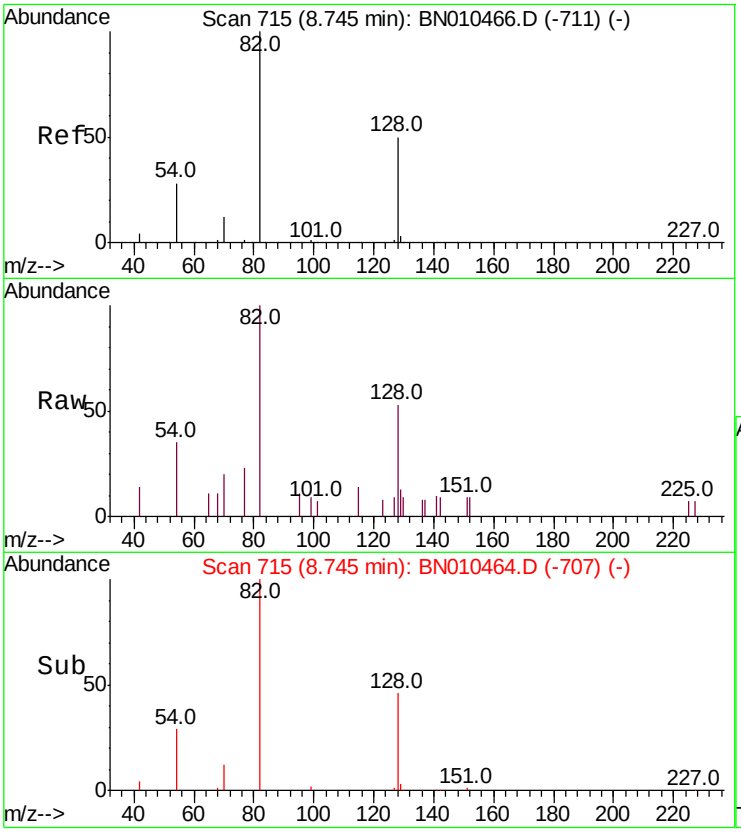


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:136 Resp: 18744

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	3.2	2.6	4.0
68	4.1	3.4	5.2



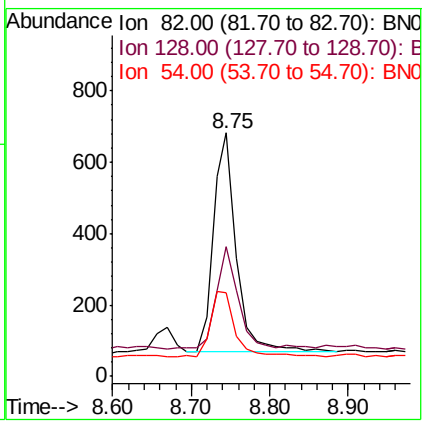


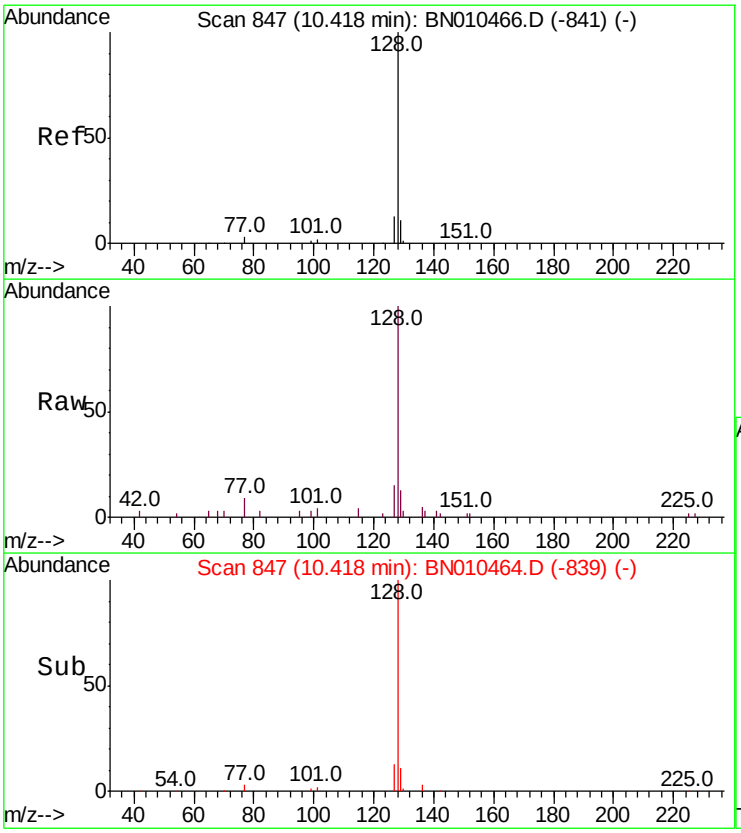
#8
Nitrobenzene-d5
Concen: 0.105 ng
RT: 8.75 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1260

Ion	Ratio	Lower	Upper
82	100		
128	53.4	41.3	61.9
54	34.6	23.4	35.0

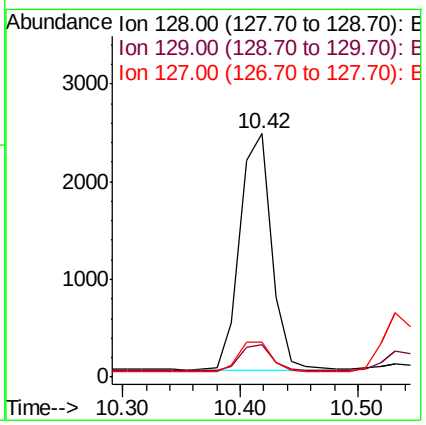


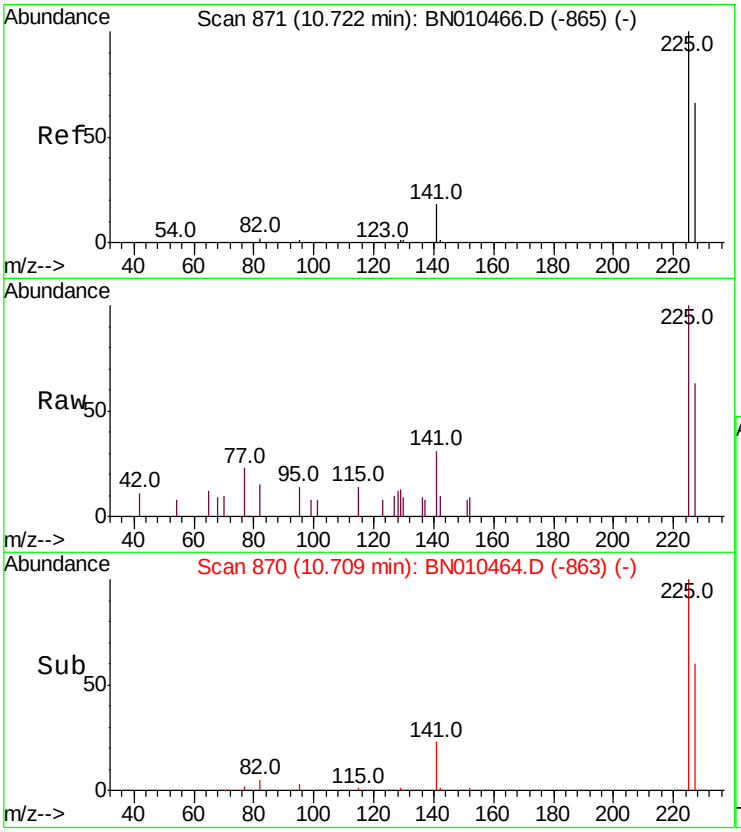


#9
Naphthalene
Concen: 0.097 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:128 Resp: 4547

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.3	13.9
127	14.5	10.5	15.7



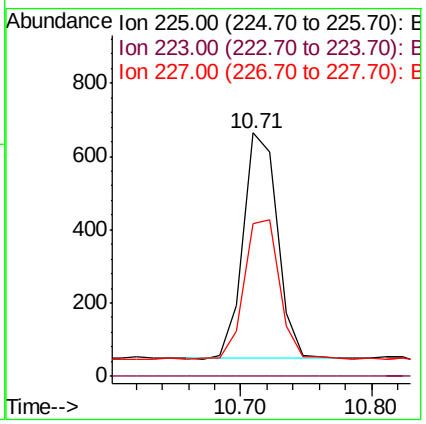


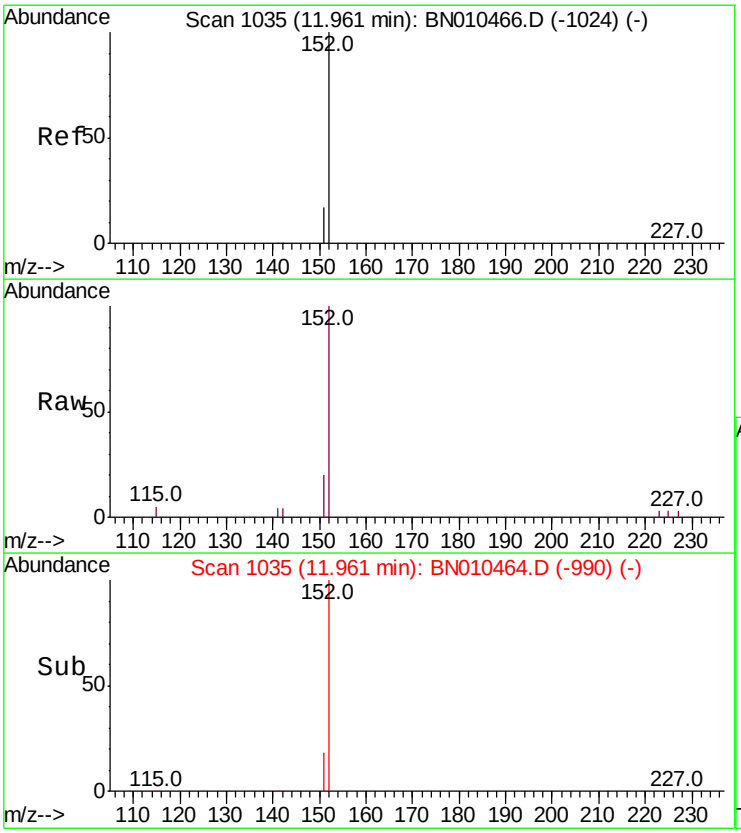
#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 1117

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	50.6	76.0

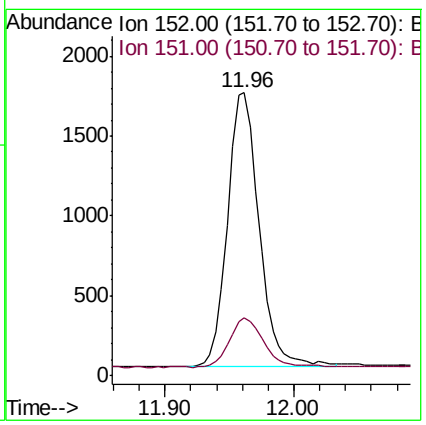


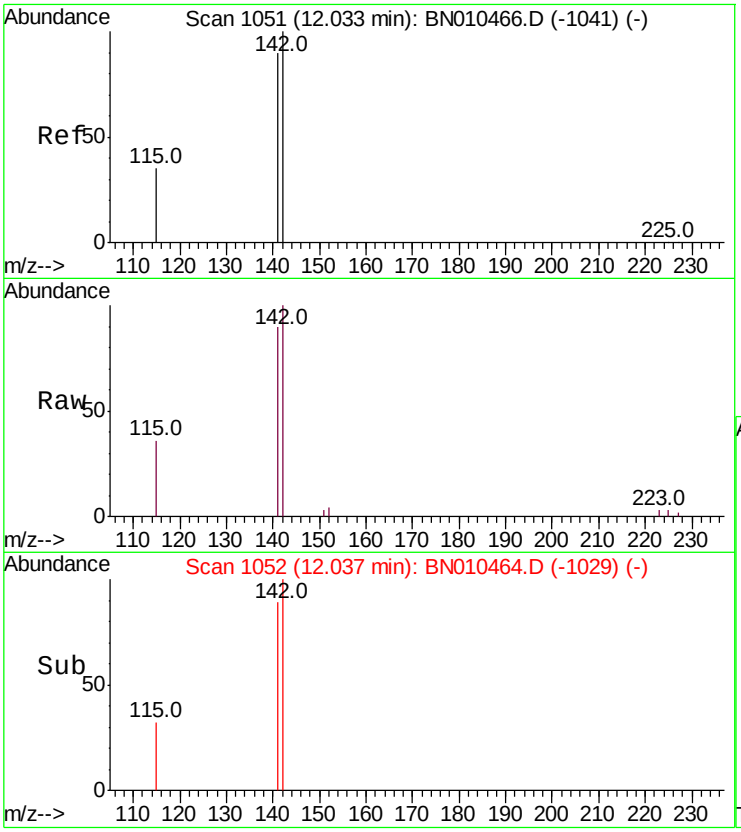


#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:152 Resp: 2917

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9



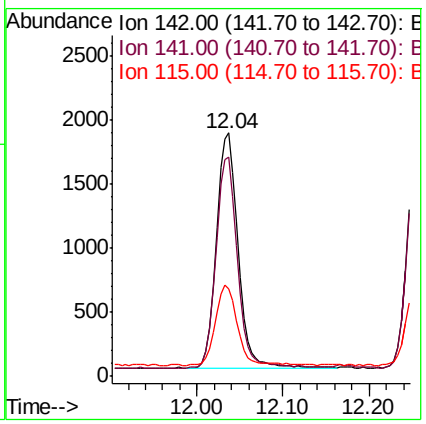


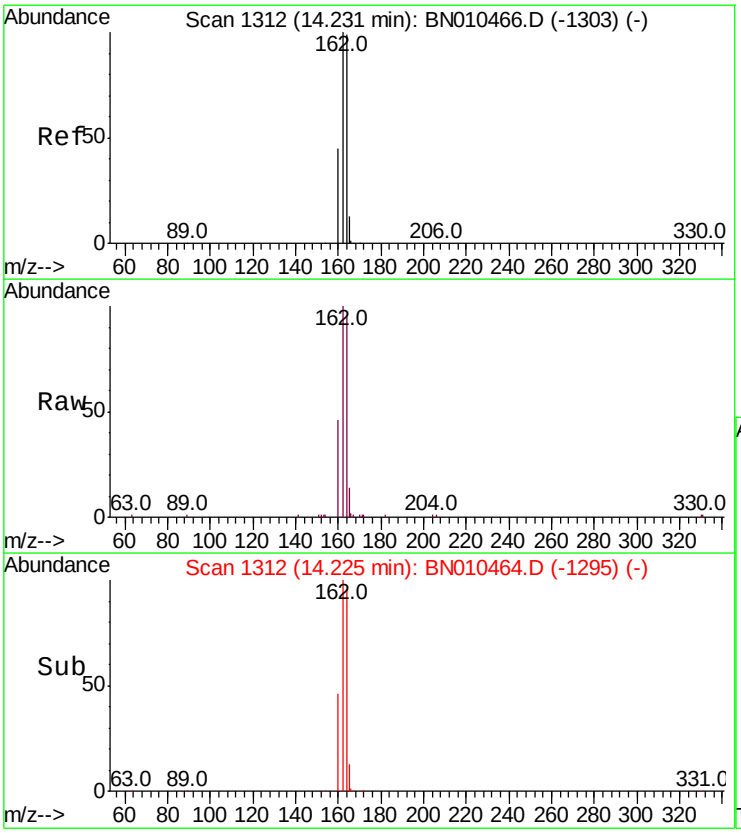
#12
2-Methylnaphthalene
Concen: 0.100 ng
RT: 12.04 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 3240

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	35.8	28.8	43.2

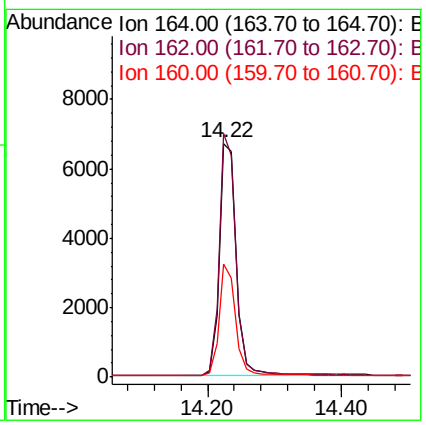


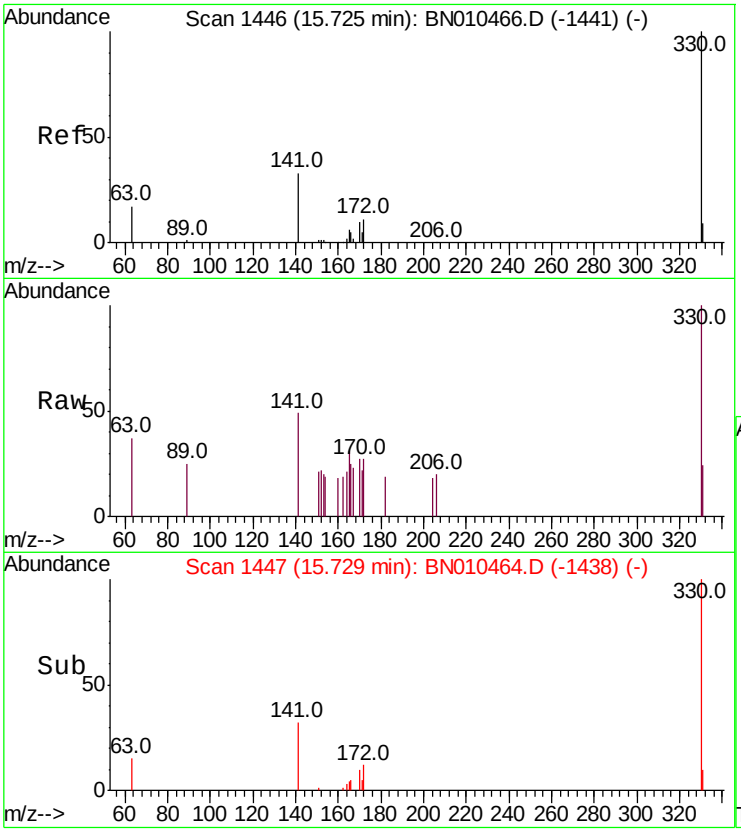


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:164 Resp: 11802

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	121.0
160	48.1	36.5	54.7



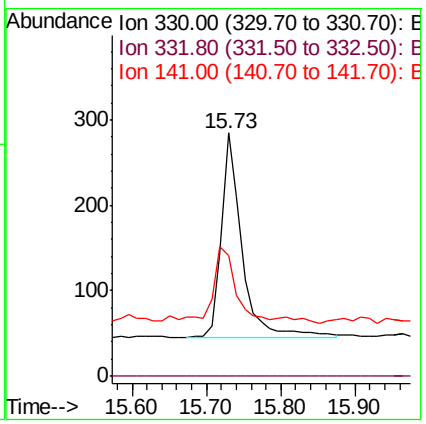


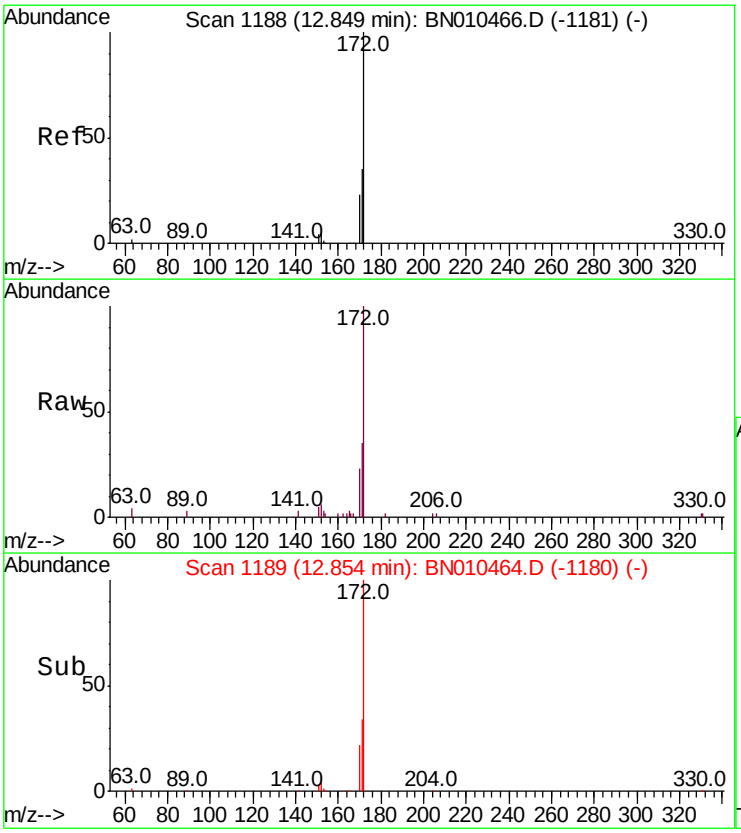
#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 463

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.8	28.1	42.1

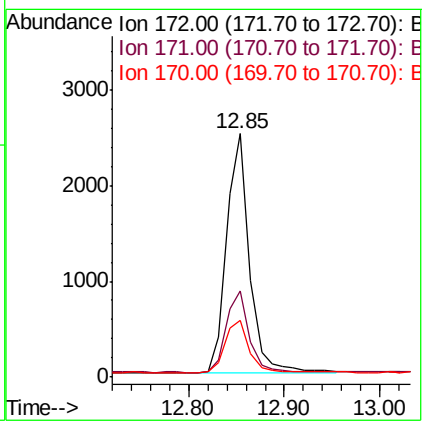


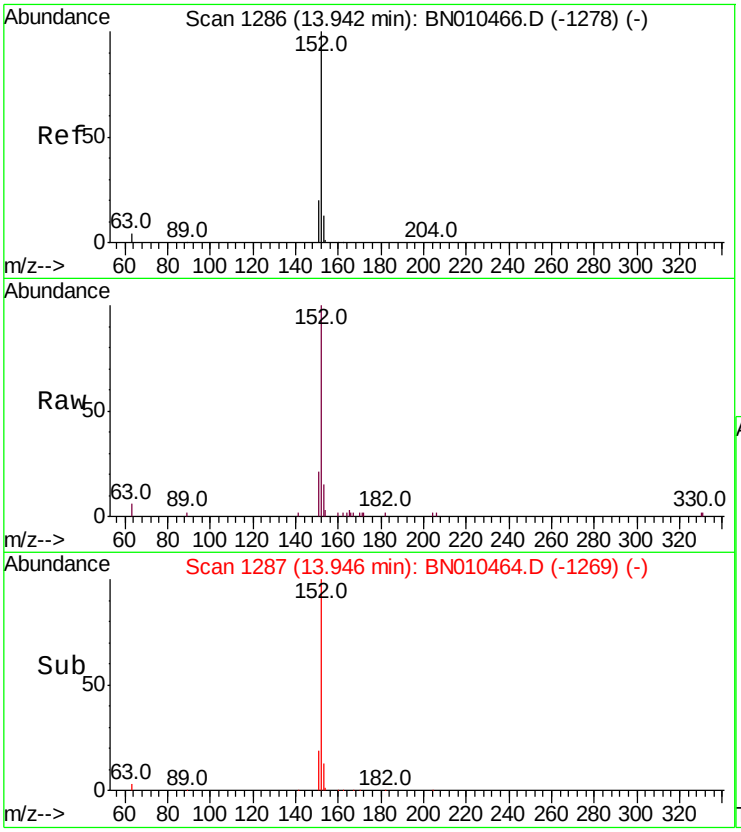


#15
2-Fluorobiphenyl
Concen: 0.092 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:172 Resp: 4161

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.4	18.4	27.6



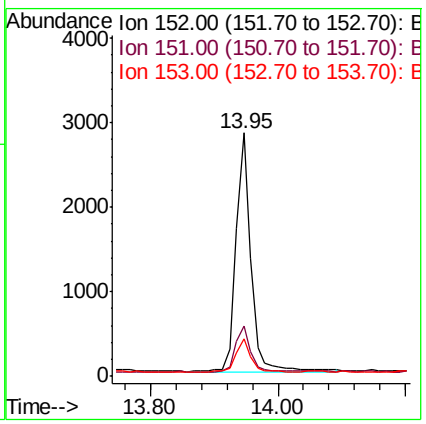


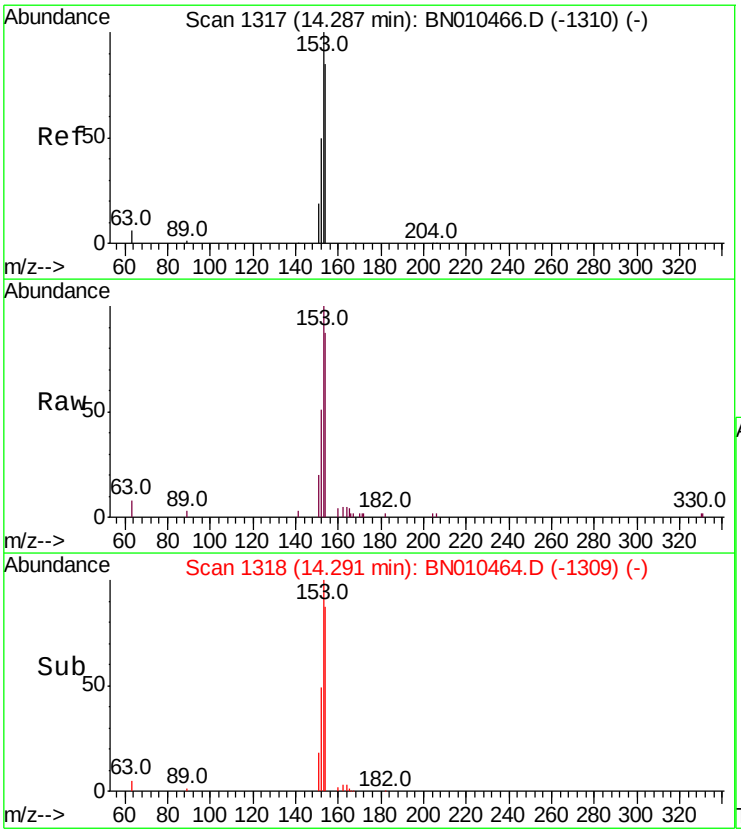
#16
Acenaphthylene
Concen: 0.099 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 4604

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.5	10.6	15.8

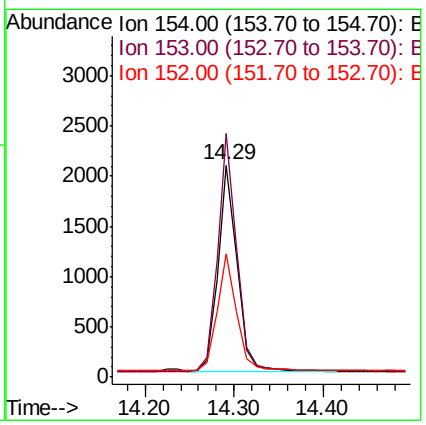


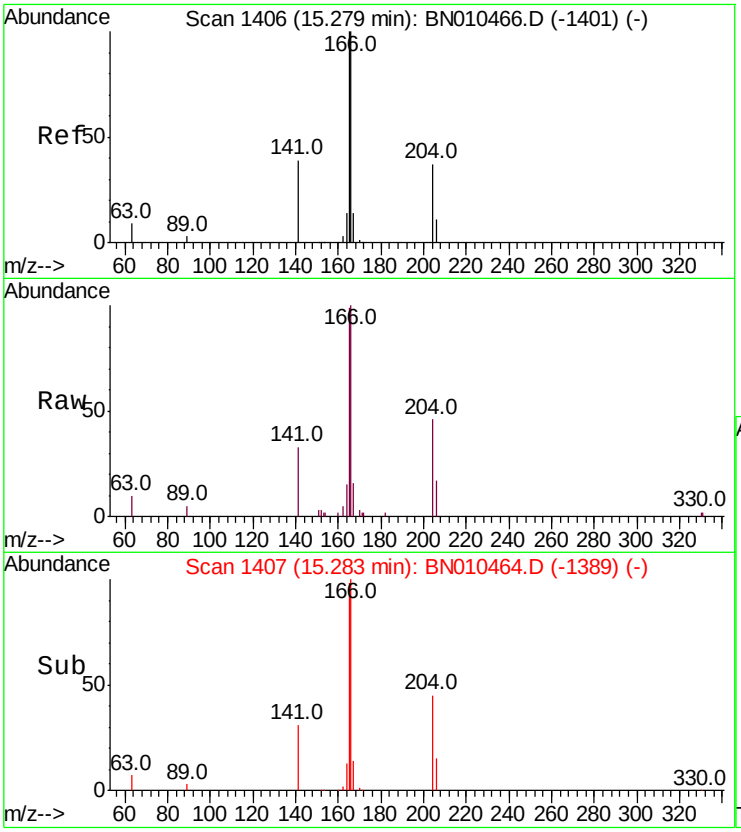


#17
Acenaphthene
Concen: 0.093 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:154 Resp: 3078

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.0	136.4
152	58.1	44.6	67.0



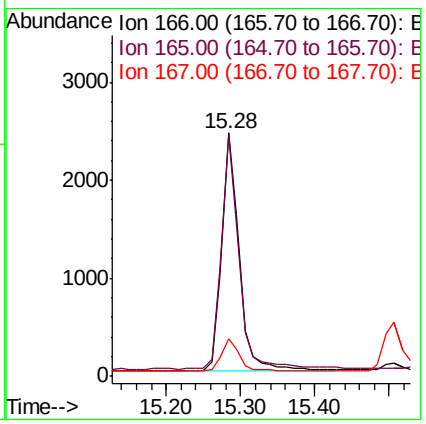


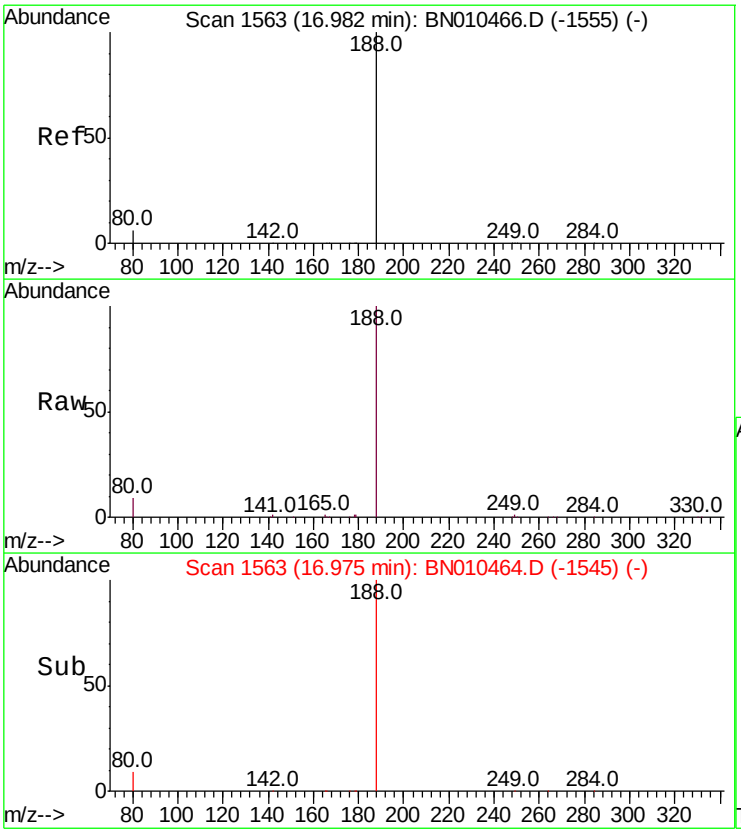
#18
Fluorene
Concen: 0.091 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 4005

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.4	117.6
167	13.4	10.9	16.3

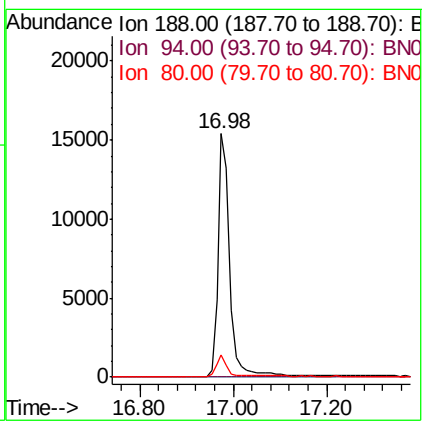


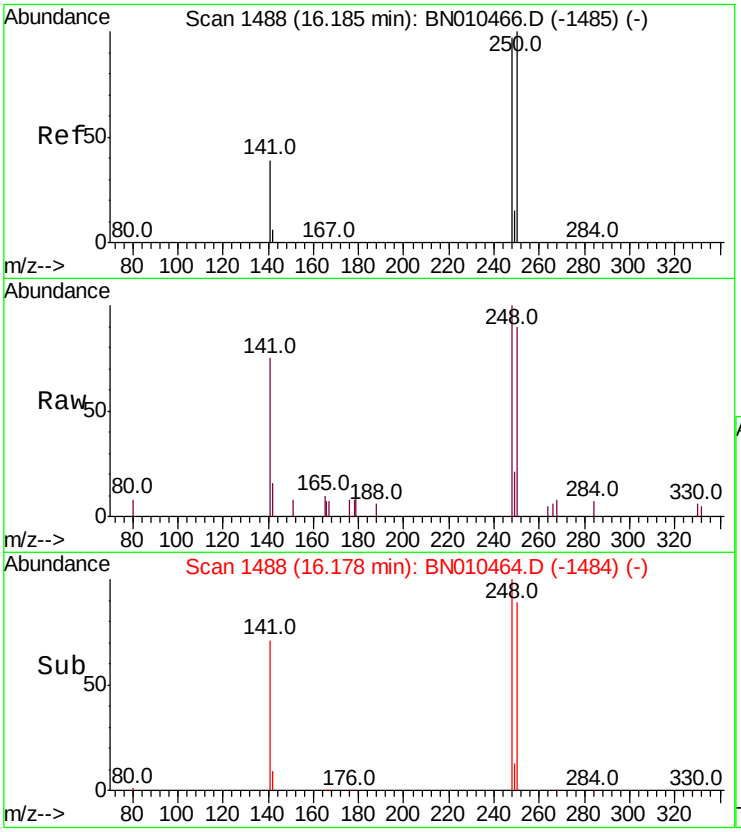


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:188 Resp: 26982

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



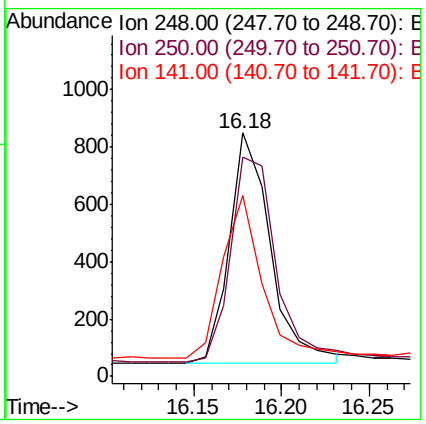


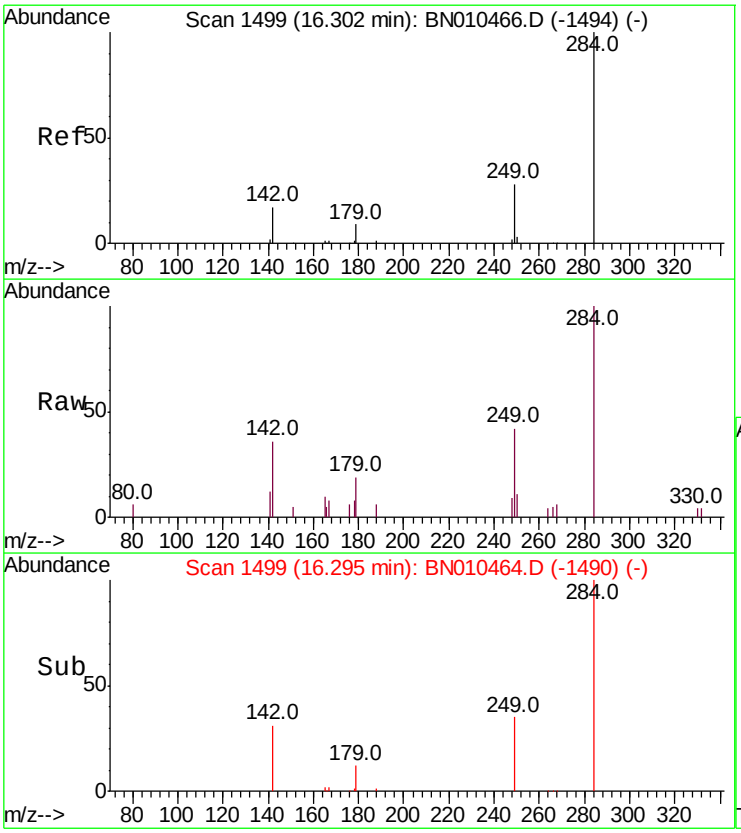
#20
4-Bromophenyl-phenylether
Concen: 0.079 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1301

Ion	Ratio	Lower	Upper
248	100		
250	90.1	82.3	123.5
141	74.6	35.2	52.8#

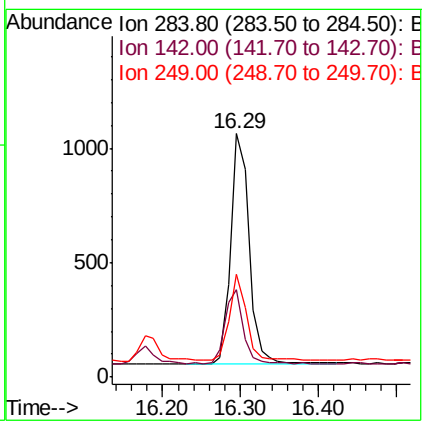


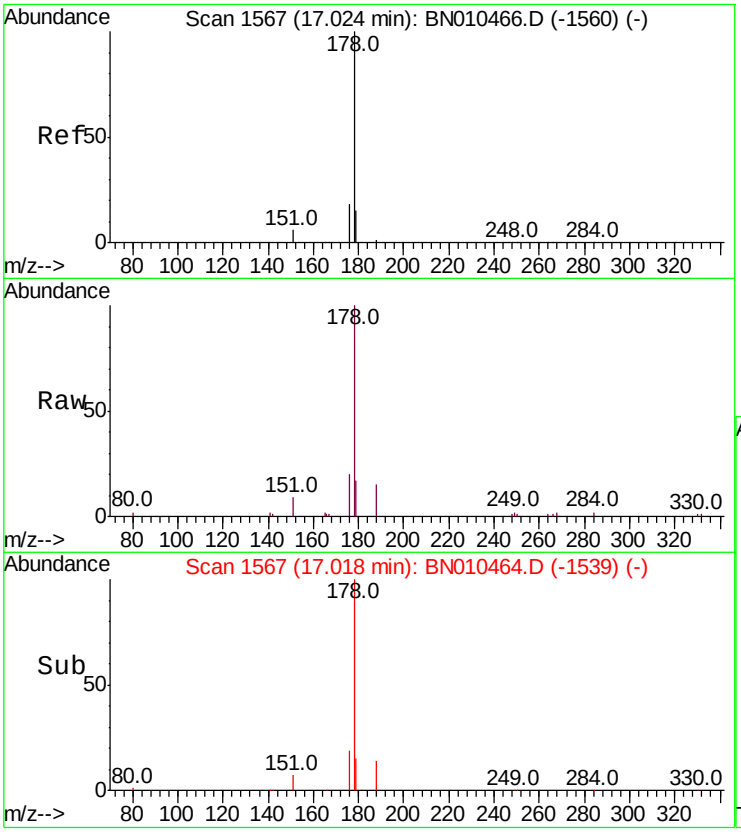


#21
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:284 Resp: 1668

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.5	38.3
249	34.4	25.8	38.6



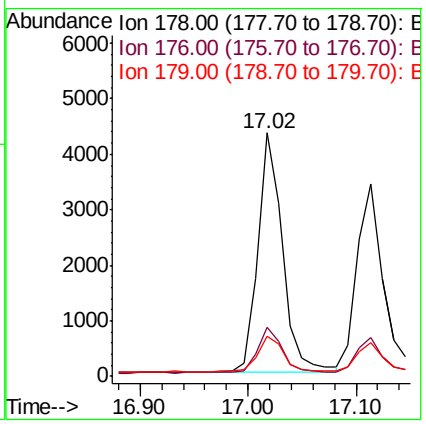


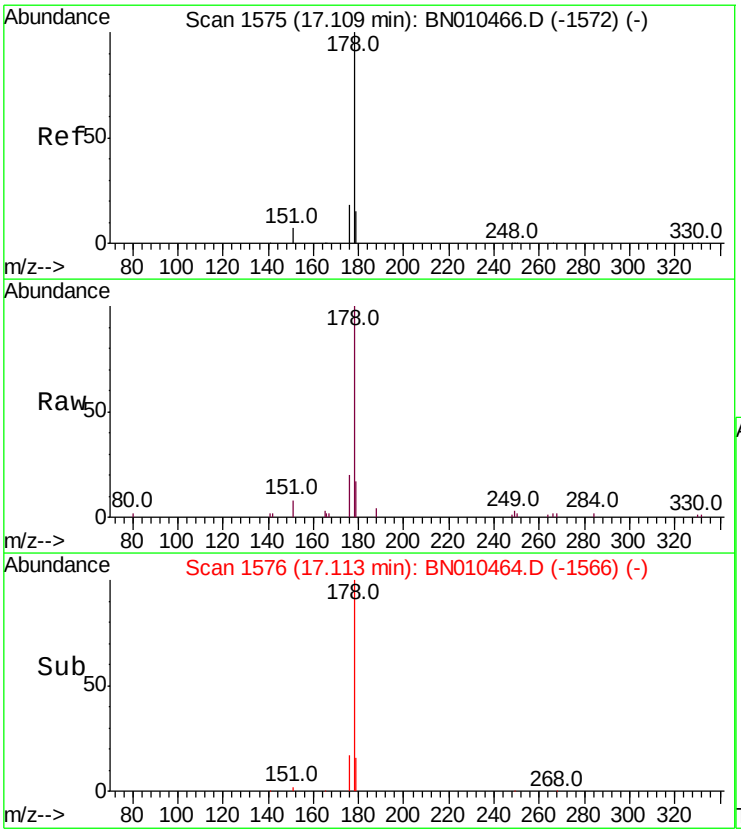
#23
Phenanthrene
Concen: 0.092 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6839

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.4	12.6	18.8

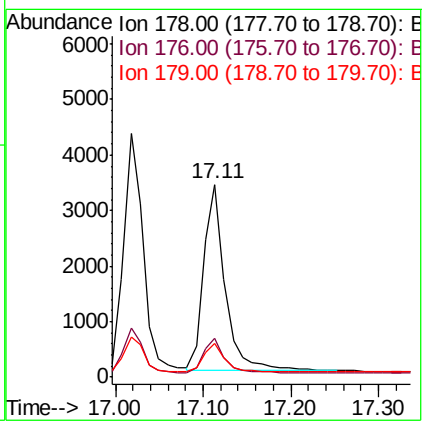


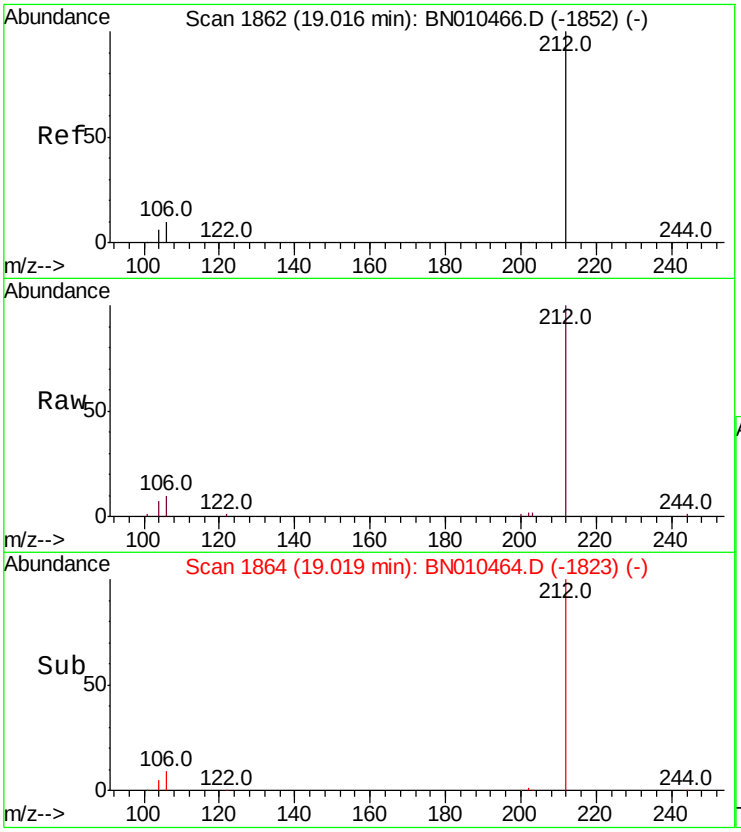


#24
Anthracene
Concen: 0.091 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:178 Resp: 5770

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.0	12.2	18.2



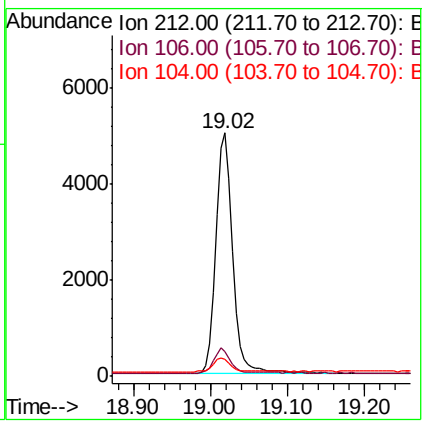


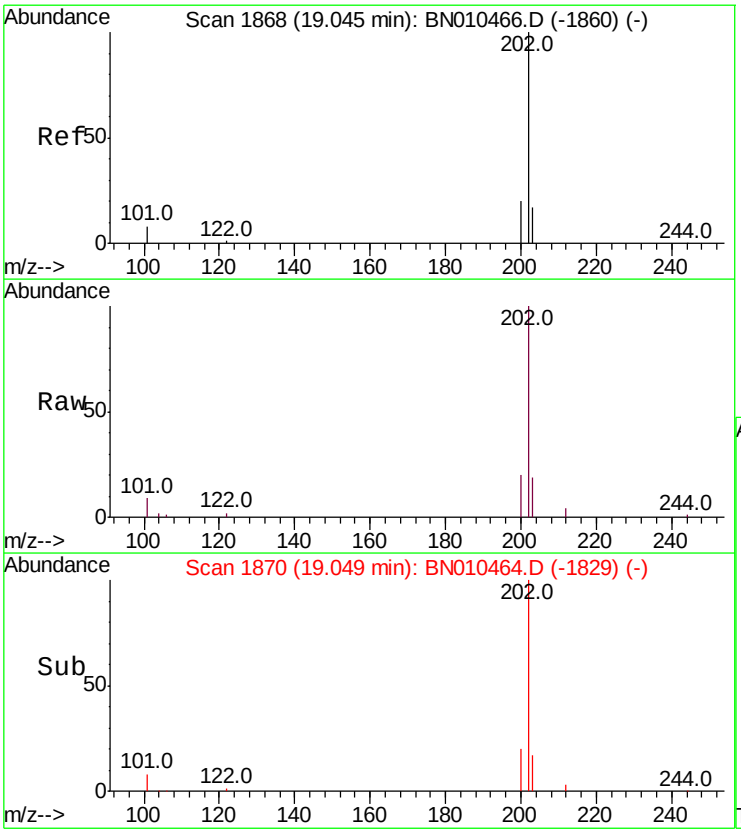
#25
Fluoranthene-d10
Concen: 0.094 ng
RT: 19.02 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 7612

Ion	Ratio	Lower	Upper
212	100		
106	9.8	7.8	11.6
104	5.9	4.5	6.7

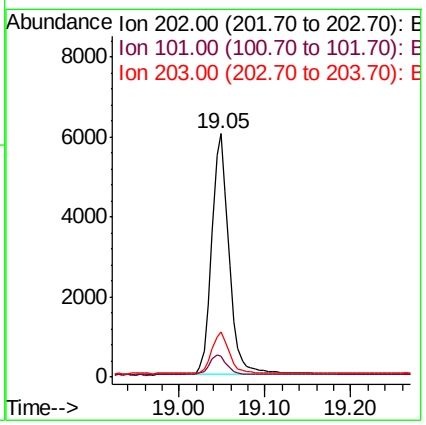


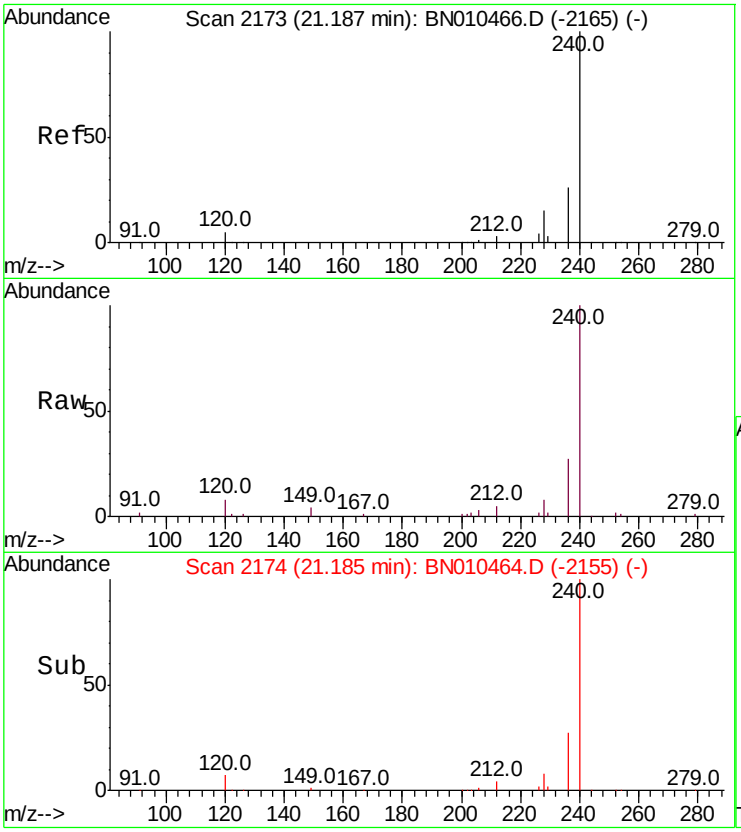


#26
Fluoranthene
Concen: 0.093 ng
RT: 19.05 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:202 Resp: 8470

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
203	17.3	13.9	20.9



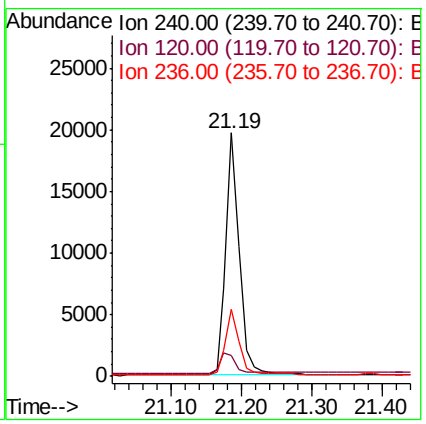


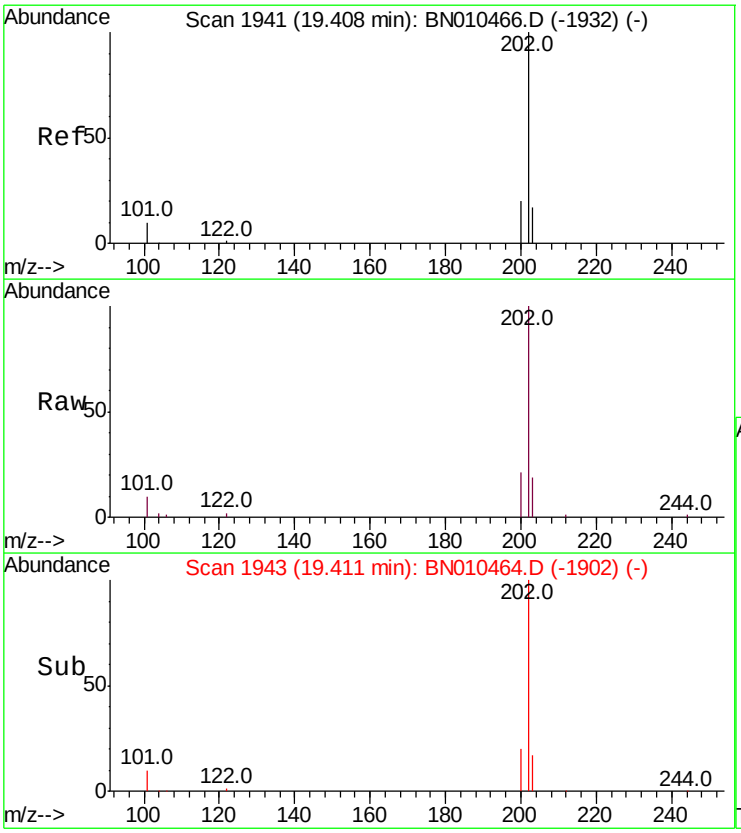
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 26583

Ion	Ratio	Lower	Upper
240	100		
120	8.3	4.8	7.2#
236	27.3	21.4	32.0

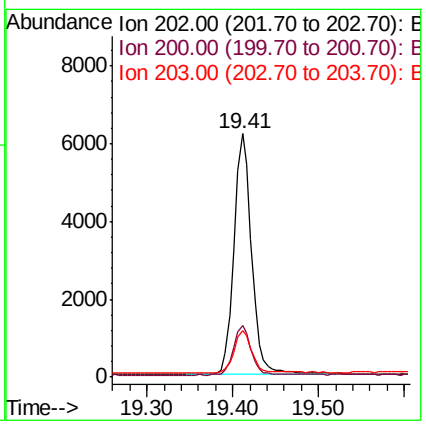


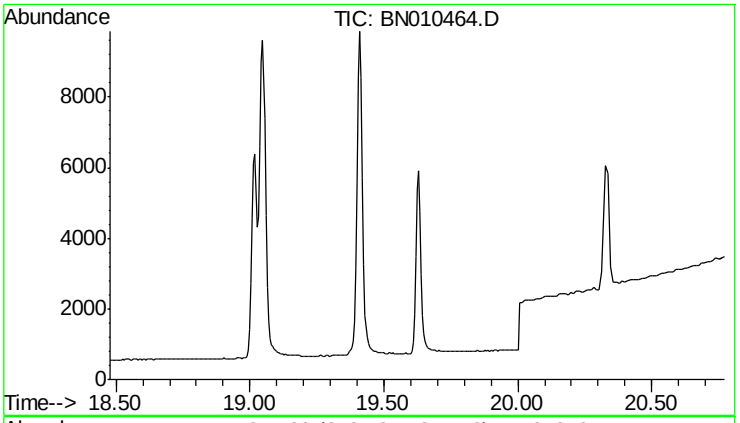


#28
Pyrene
Concen: 0.107 ng
RT: 19.41 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:202 Resp: 8865

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.6	14.0	21.0





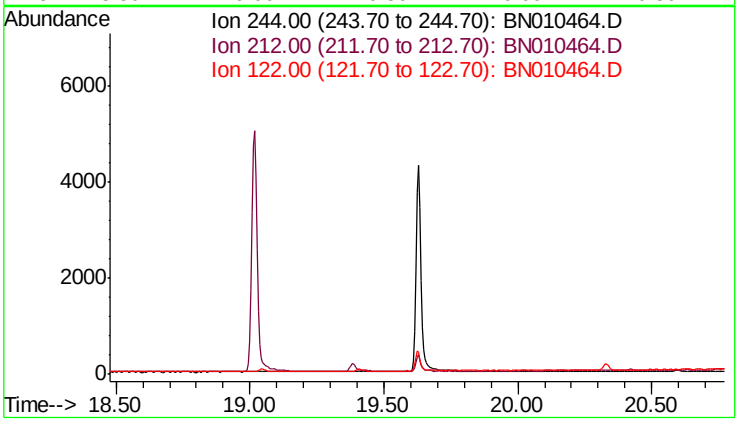
#29
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.63 min

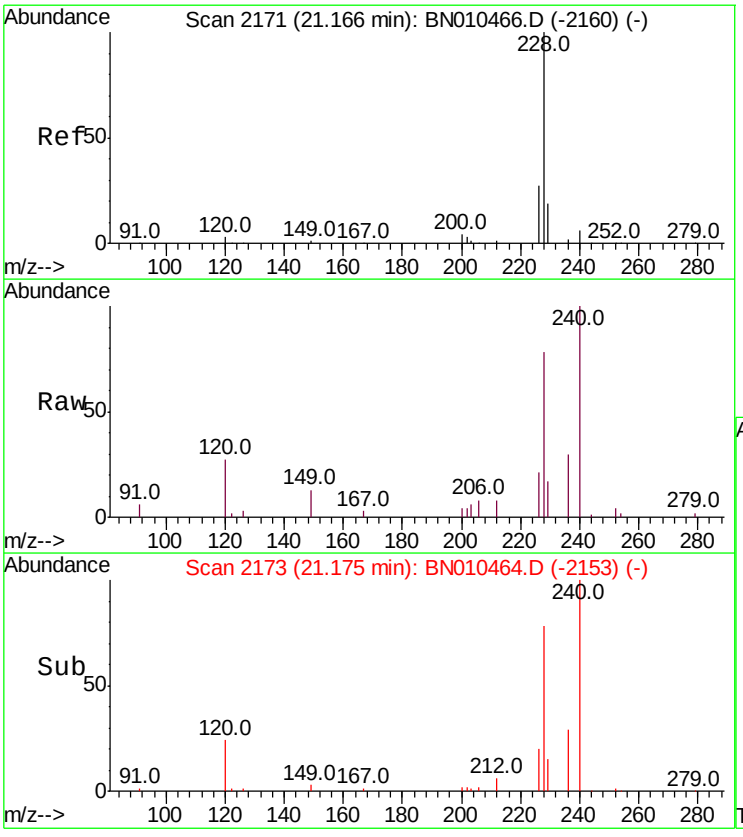
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.8
122	9.8

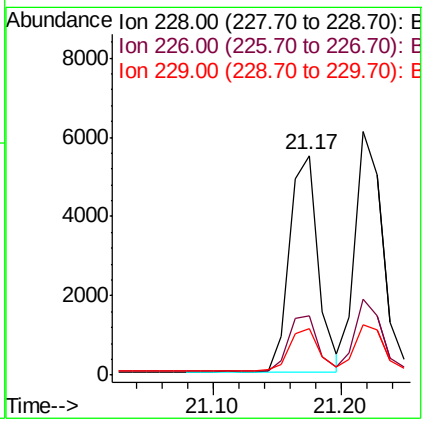


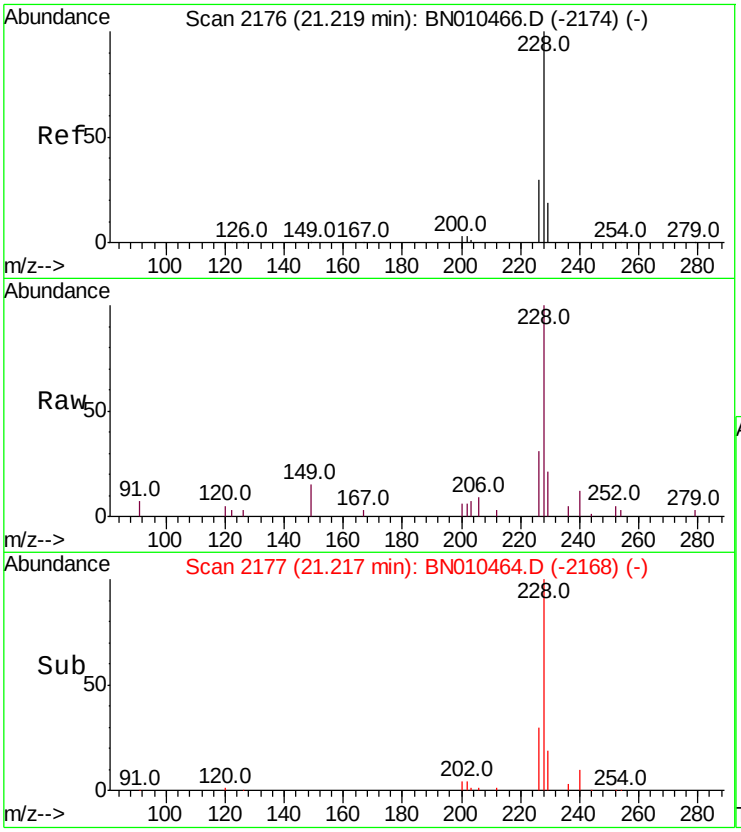


#30
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:228 Resp: 8432

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	21.4	15.6	23.4



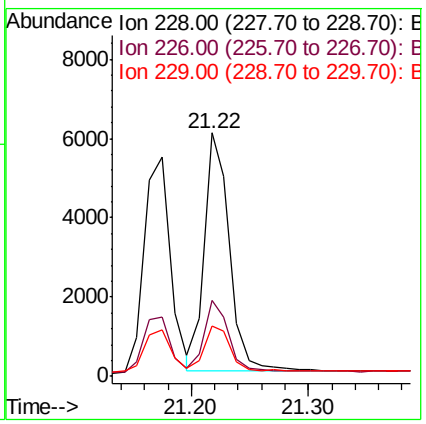


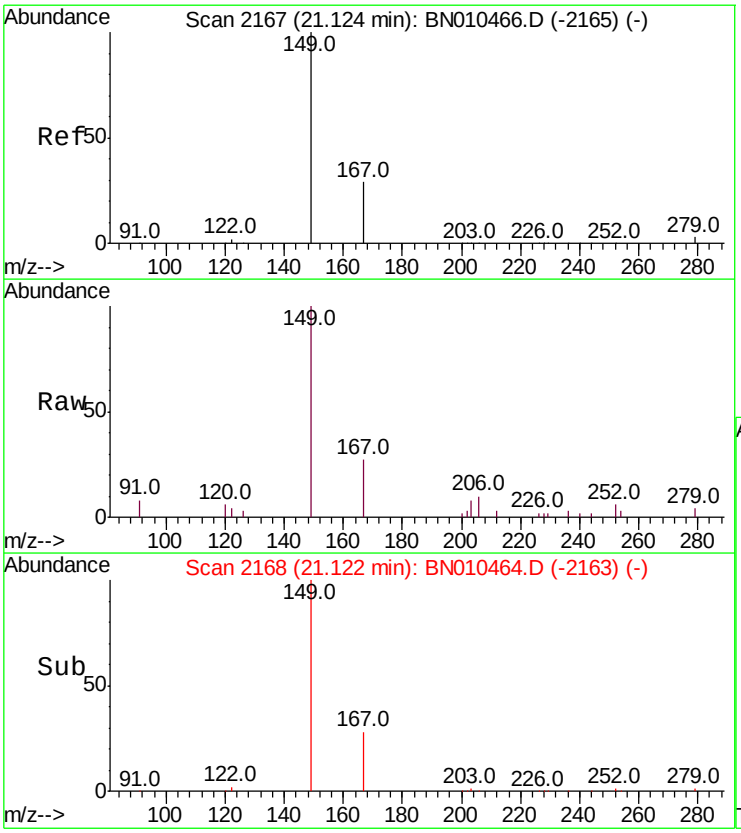
#31
Chrysene
Concen: 0.099 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8986

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	20.7	15.8	23.6

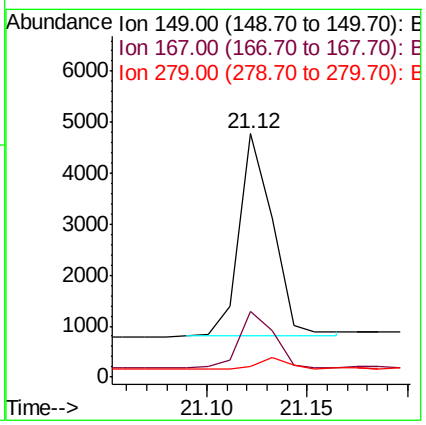


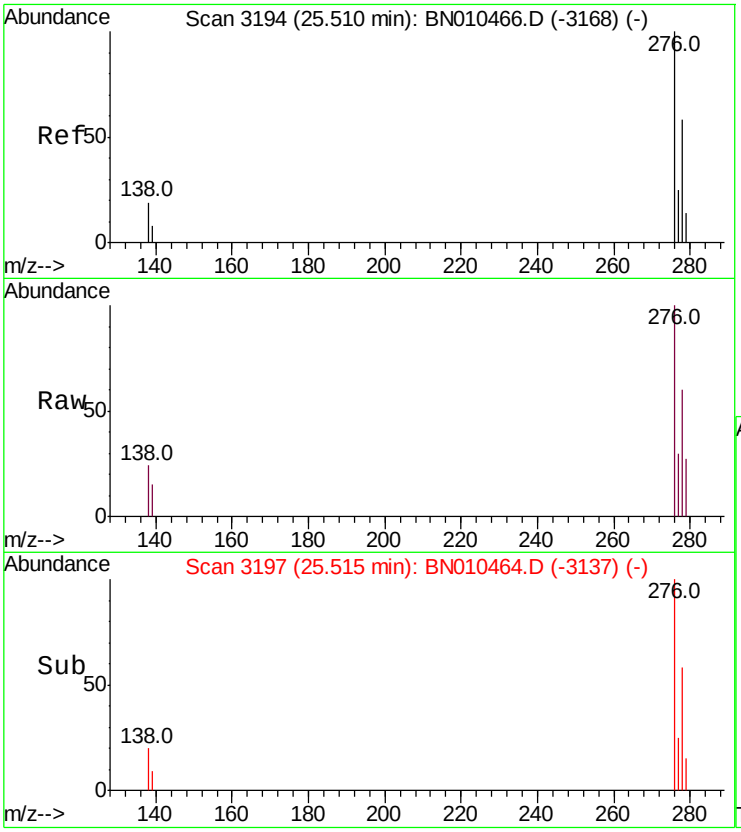


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:149 Resp: 4640

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.4	35.0
279	4.6	4.0	6.0



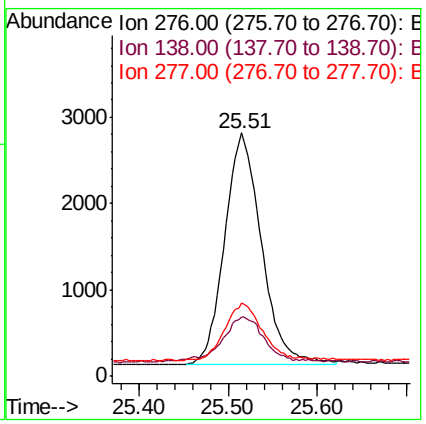


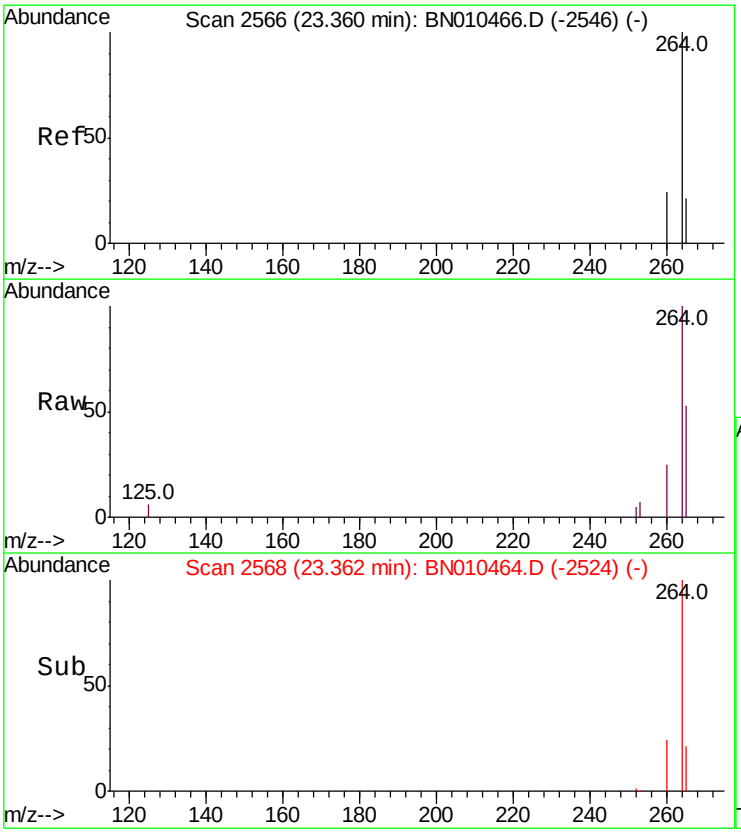
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng
RT: 25.51 min Scan# 3197
Delta R.T. 0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 7726

Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.4	24.6
277	25.9	19.8	29.6

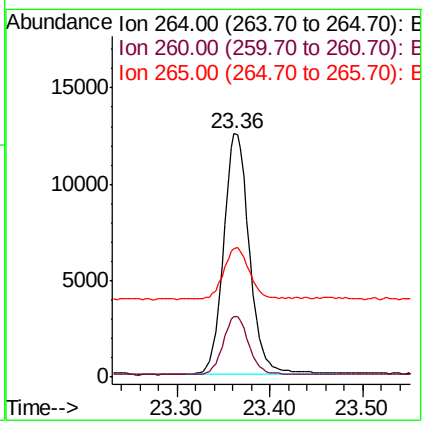


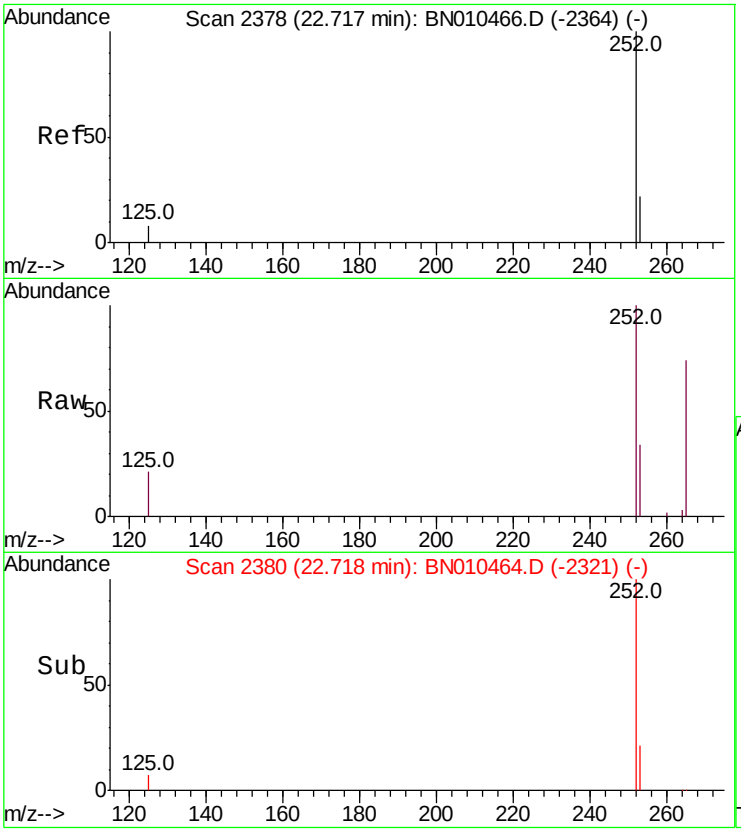


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:264 Resp: 24268

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	52.5	42.3	63.5



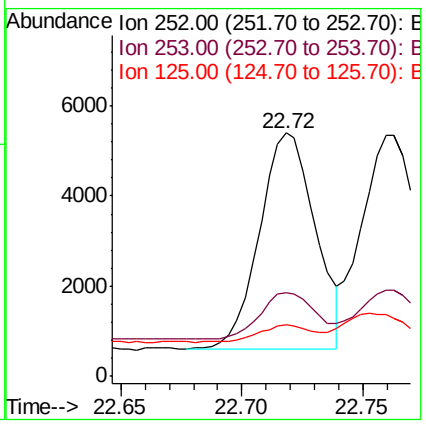


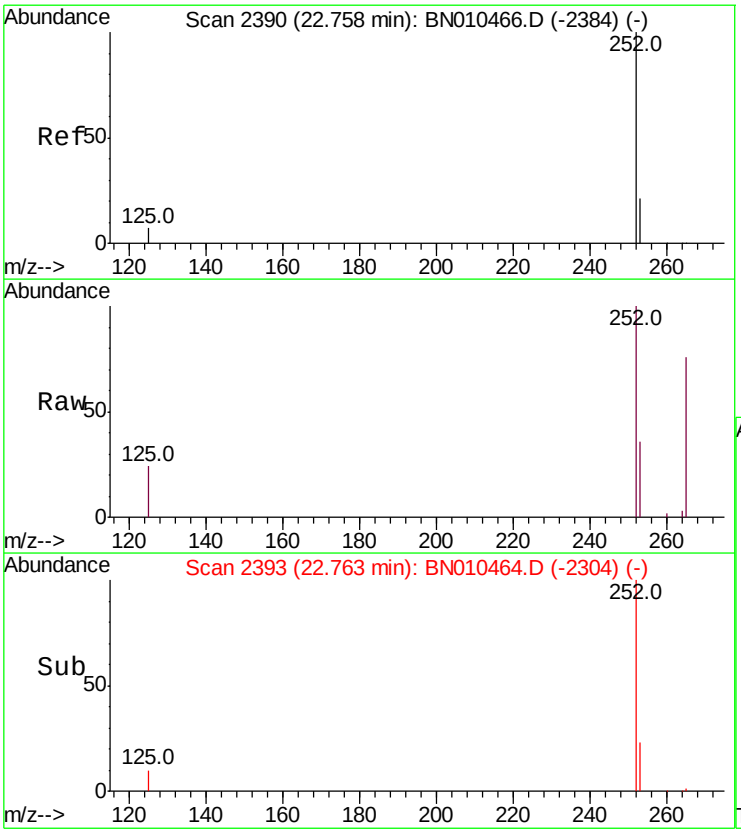
#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 22.72 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7678

Ion	Ratio	Lower	Upper
252	100		
253	34.2	20.2	30.4#
125	20.9	9.2	13.8#

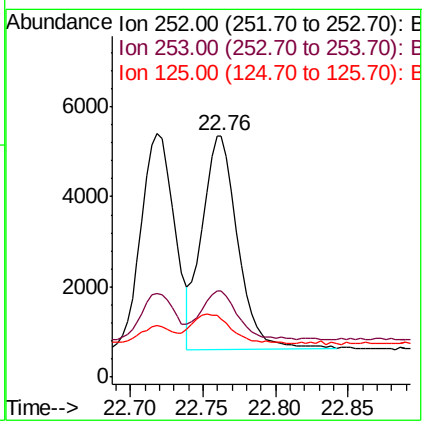


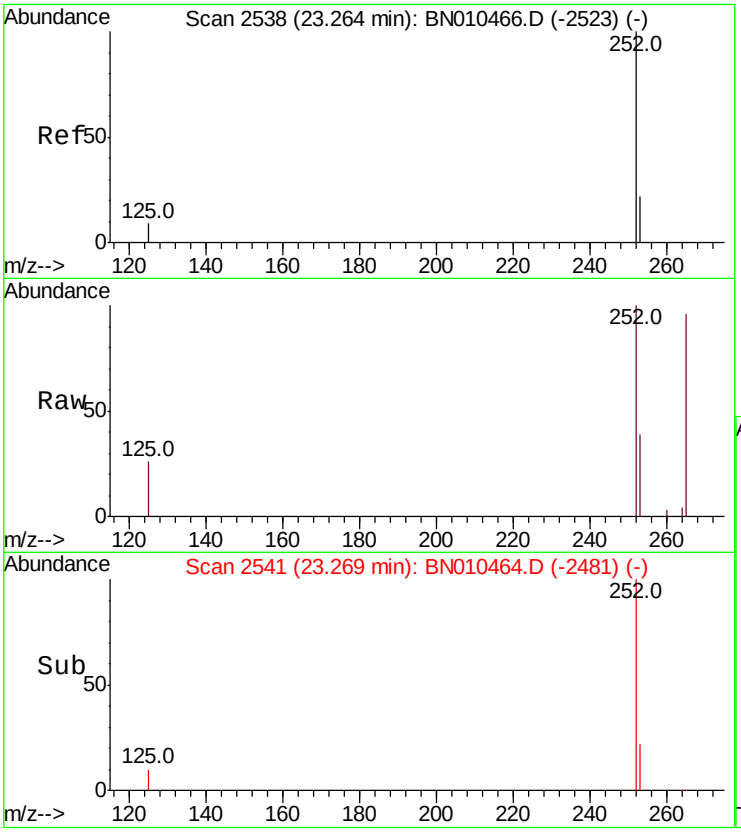


#36
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 22.76 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:252 Resp: 8122

Ion	Ratio	Lower	Upper
252	100		
253	35.9	20.1	30.1#
125	23.9	9.6	14.4#



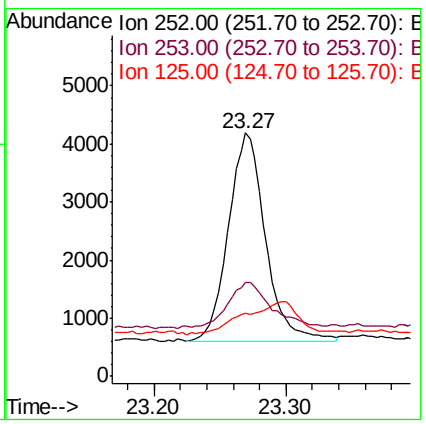


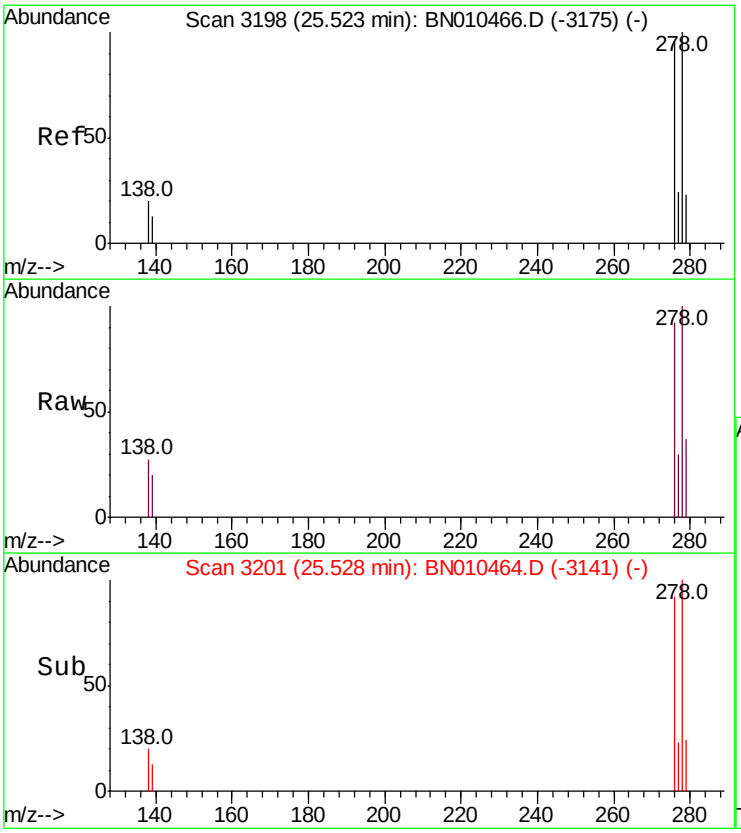
#37
Benzo(a)pyrene
Concen: 0.100 ng
RT: 23.27 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 6952

Ion	Ratio	Lower	Upper
252	100		
253	38.8	21.8	32.8#
125	26.1	11.0	16.6#

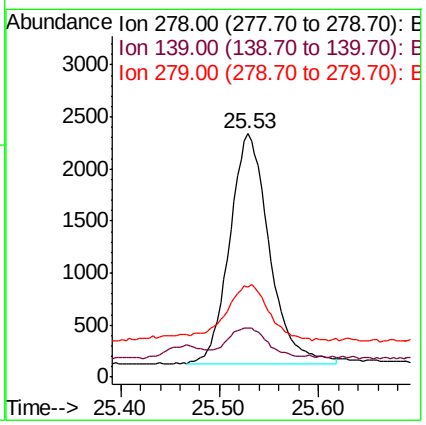


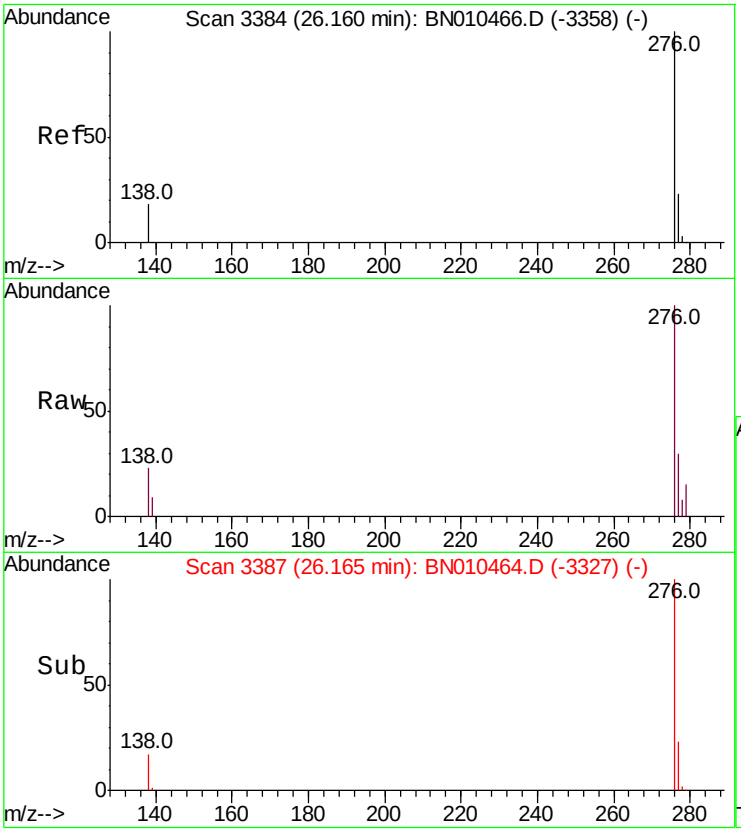


#38
Dibenzo(a,h)anthracene
Concen: 0.081 ng
RT: 25.53 min Scan# 3201
Delta R.T. 0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:278 Resp: 6119

Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.3	18.5#
279	37.1	21.9	32.9#





#39
Benzo(g,h,i)perylene
Concen: 0.084 ng
RT: 26.17 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 6325

Ion	Ratio	Lower	Upper
276	100		
277	29.5	20.2	30.2
138	23.5	15.4	23.2#