Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010469.D
Acq On : 13 Apr 2020 16:12
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Apr 13 16:42:07 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	4911	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	18213	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	11547	0.40	ng		0.00
19) Phenanthrene-d10	16.98	188	25654	0.40	ng		0.00
27) Chrysene-d12	21.19	240	26557	0.40	ng		0.00
34) Perylene-d12	23.36	264	22402	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	32850	3.38	ng		0.00
5) Phenol-d6	6.79	99	43957	3.64	ng		0.00
8) Nitrobenzene-d5	8.73	82	42582	3.65	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	96838	3.33	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	19270	4.34	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	134347	3.04	ng		0.00
25) Fluoranthene-d10	19.01	212	257716	3.33	ng		0.00
29) Terphenyl-d14	19.62	244	195537	3.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	11664	2.529	ng		98
3) n-Nitrosodimethylamine	3.54	42	8309	2.132	ng	#	93
6) bis(2-Chloroethyl)ether	7.04	93	36738	3.163	ng		99
9) Naphthalene	10.42	128	144687	3.186	ng		99
10) Hexachlorobutadiene	10.72	225	34203	3.106	ng	#	99
12) 2-Methylnaphthalene	12.03	142	104744	3.327	ng		99
16) Acenaphthylene	13.95	152	168406	3.717	ng		100
17) Acenaphthene	14.29	154	106599	3.302	ng		96
18) Fluorene	15.28	166	138780	3.237	ng		100
20) 4-Bromophenyl-phenylether	16.18	248	48730	3.131	ng	#	88
21) Hexachlorobenzene	16.29	284	51859	3.244	ng		99
22) Pentachlorophenol	16.63	266	23566	4.307	ng		97
23) Phenanthrene	17.02	178	228068	3.234	ng		99
24) Anthracene	17.11	178	217402	3.606	ng		100
26) Fluoranthene	19.04	202	283507	3.281	ng		100
28) Pyrene	19.41	202	285617	3.454	ng		100
30) Benzo(a)anthracene	21.16	228	279003	3.299	ng		100
31) Chrysene	21.22	228	269109	2.967	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	144238	5.054	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	237722	2.447	ng		99
35) Benzo(b)fluoranthene	22.71	252	240064	3.154	ng	#	93
36) Benzo(k)fluoranthene	22.76	252	232649	3.004	ng	#	93
37) Benzo(a)pyrene	23.26	252	211246	3.290	ng	#	90
38) Dibenzo(a,h)anthracene	25.52	278	194135	2.796	ng		94
39) Benzo(g,h,i)perylene	26.16	276	192330	2.752	ng		97

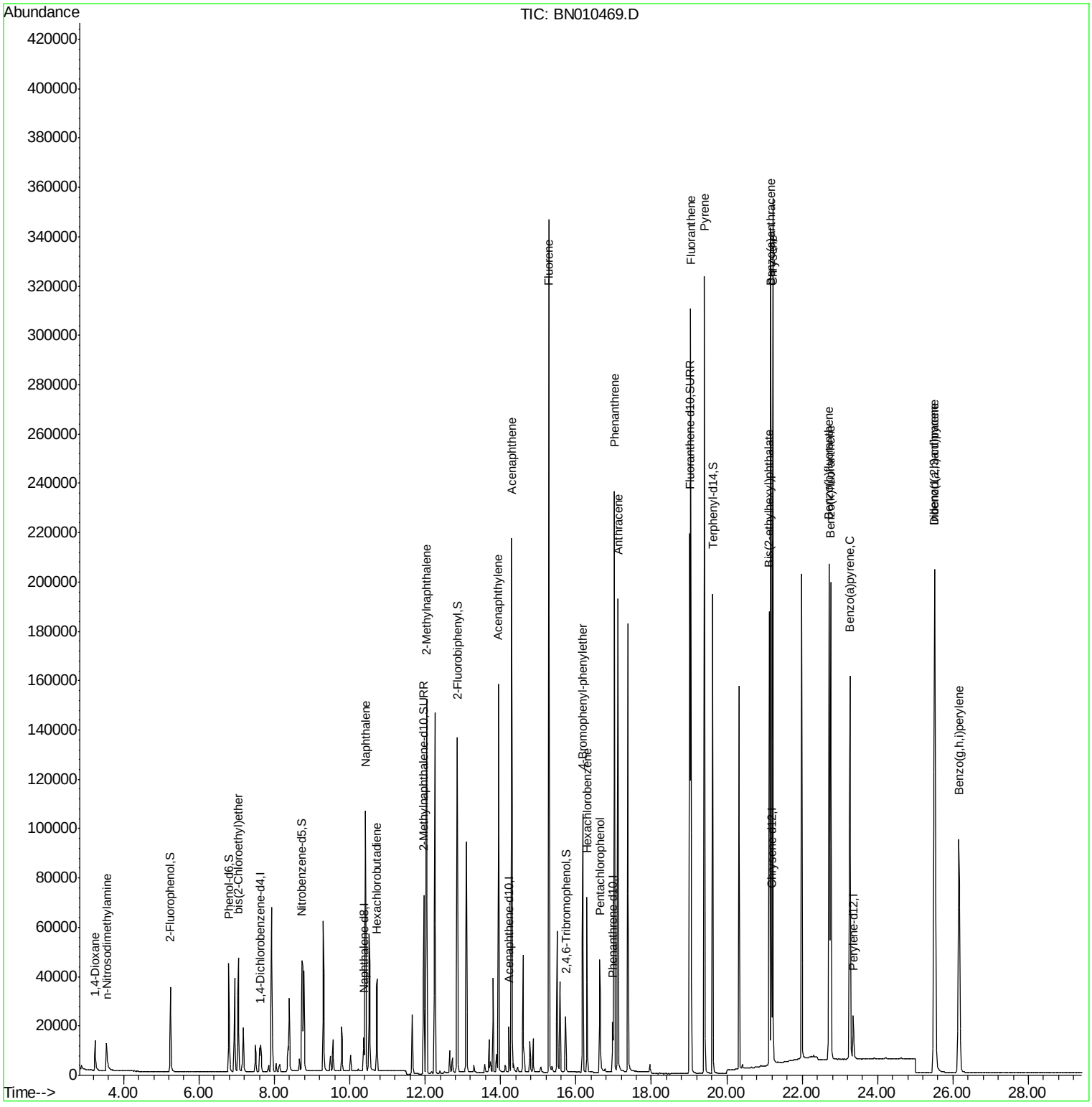
(#) = qualifier out of range (m) = manual integration (+) = signals summed

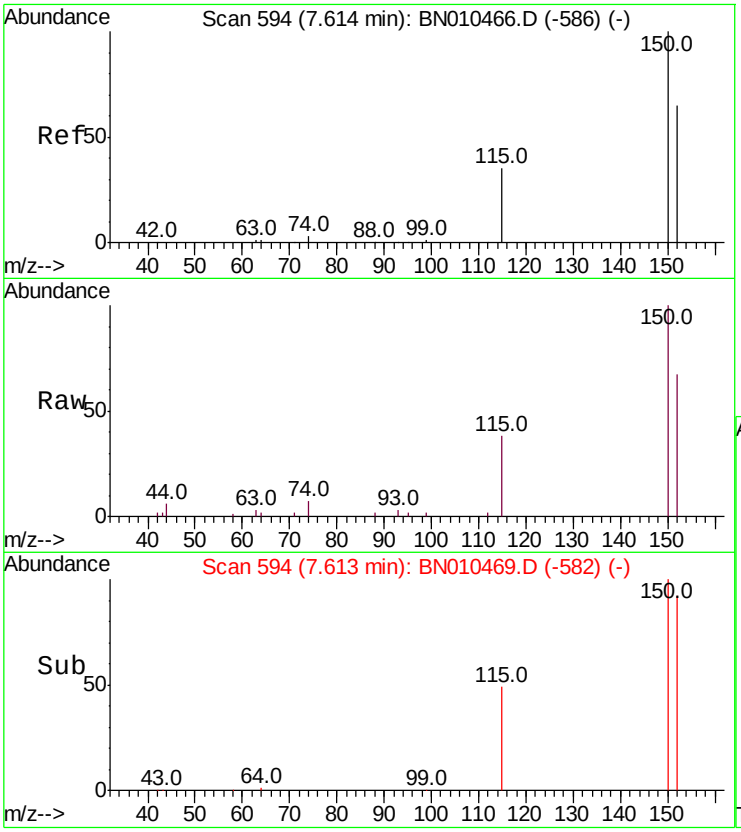
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010469.D
Acq On : 13 Apr 2020 16:12
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Apr 13 16:42:07 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



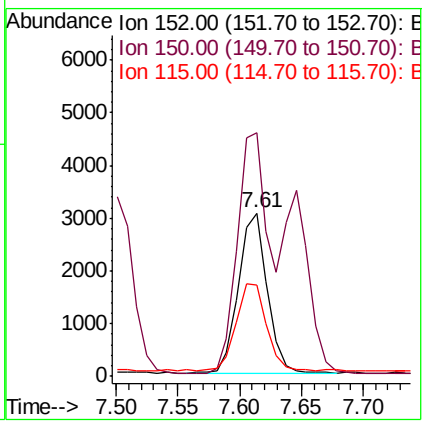


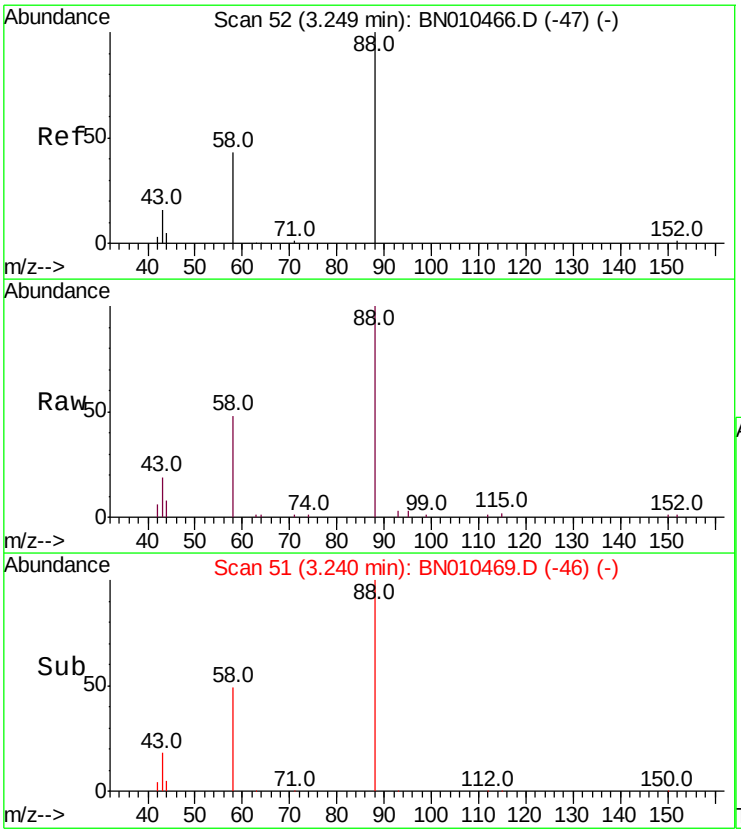
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 4911

Ion	Ratio	Lower	Upper
152	100		
150	149.1	121.8	182.6
115	56.1	45.5	68.3

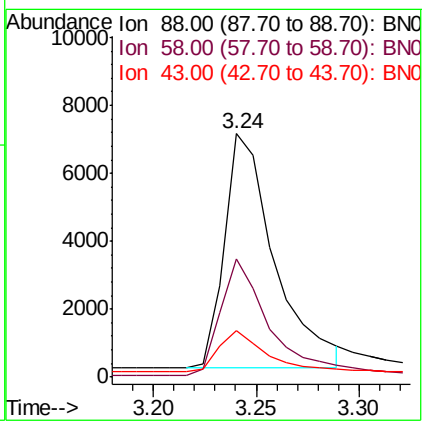


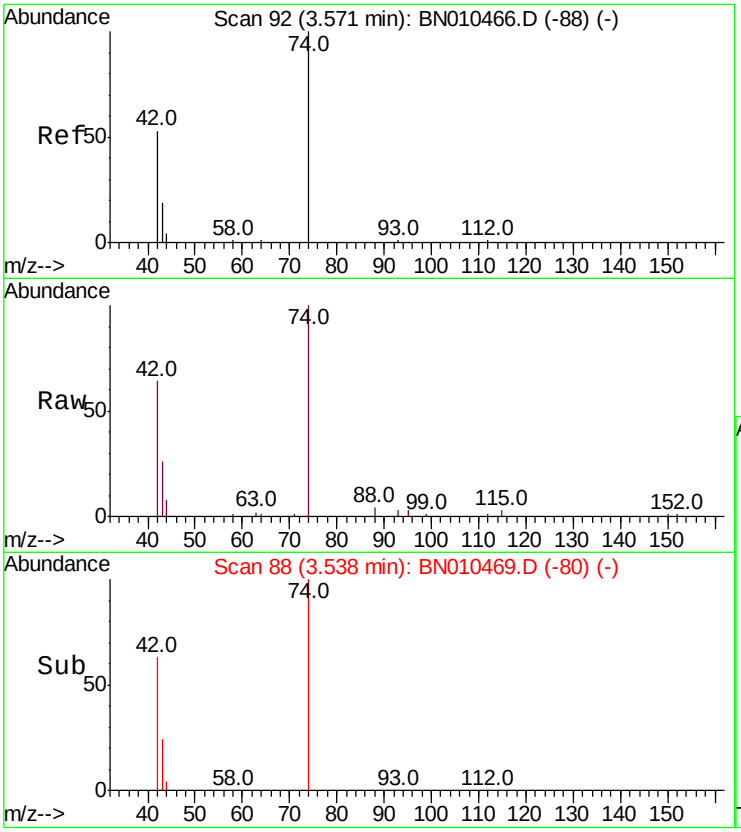


#2
1,4-Dioxane
Concen: 2.529 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion: 88 Resp: 11664

Ion	Ratio	Lower	Upper
88	100		
58	46.8	36.5	54.7
43	16.9	13.2	19.8



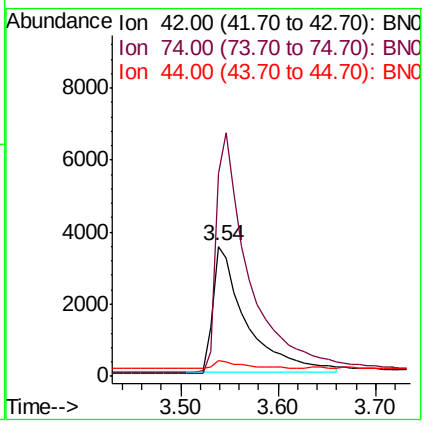


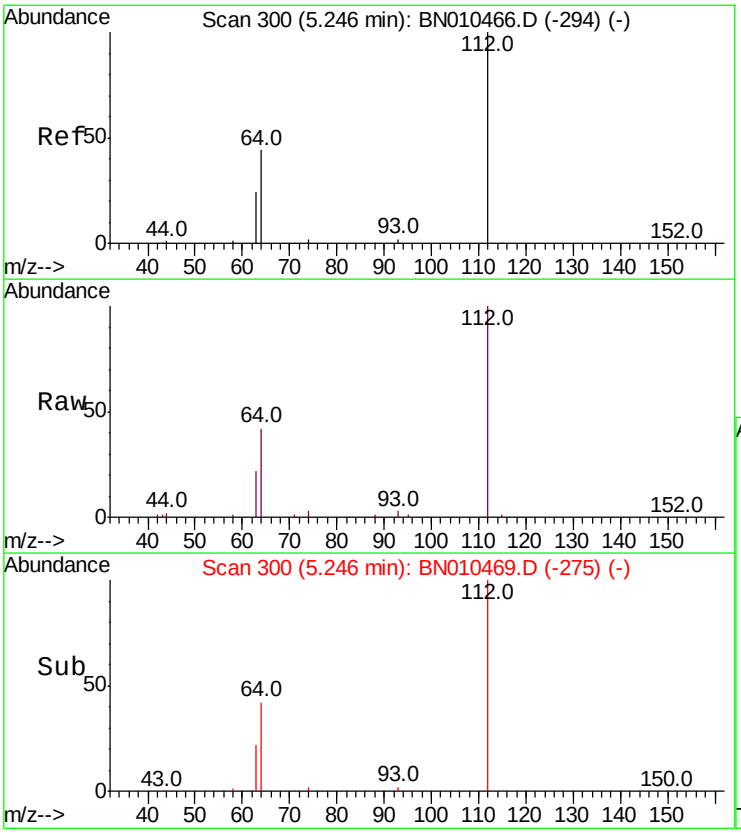
#3
n-Nitrosodimethylamine
Concen: 2.132 ng
RT: 3.54 min Scan# 88
Delta R.T. -0.03 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 8309

Ion	Ratio	Lower	Upper
42	100		
74	192.6	162.2	243.4
44	5.6	2.4	3.6#

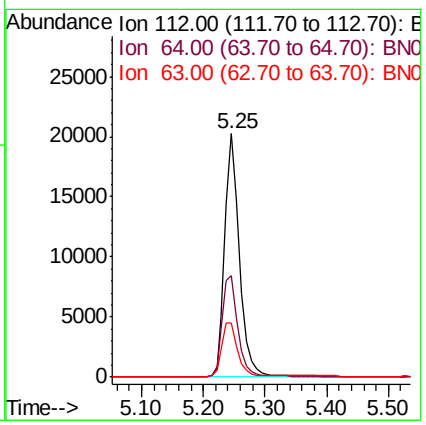


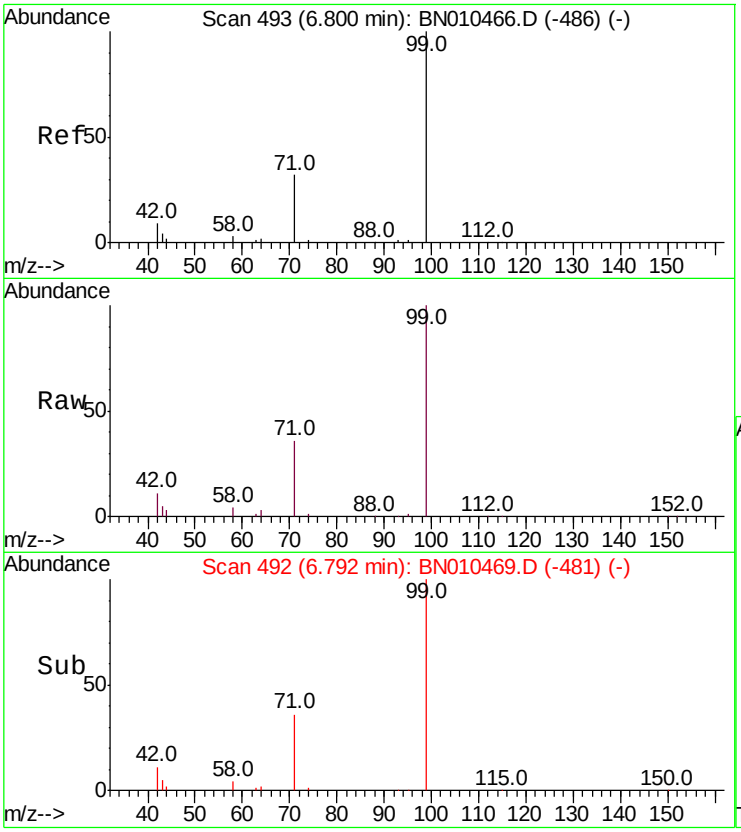


#4
2-Fluorophenol
Concen: 3.380 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:112 Resp: 32850

Ion	Ratio	Lower	Upper
112	100		
64	44.5	35.8	53.8
63	23.8	19.9	29.9



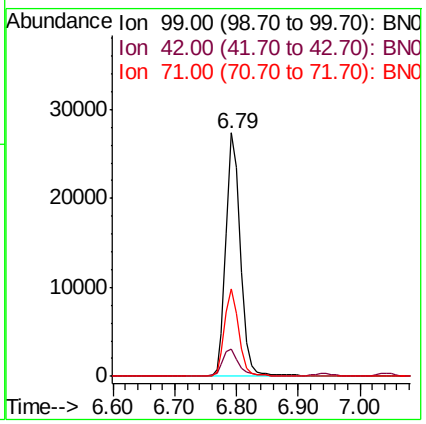


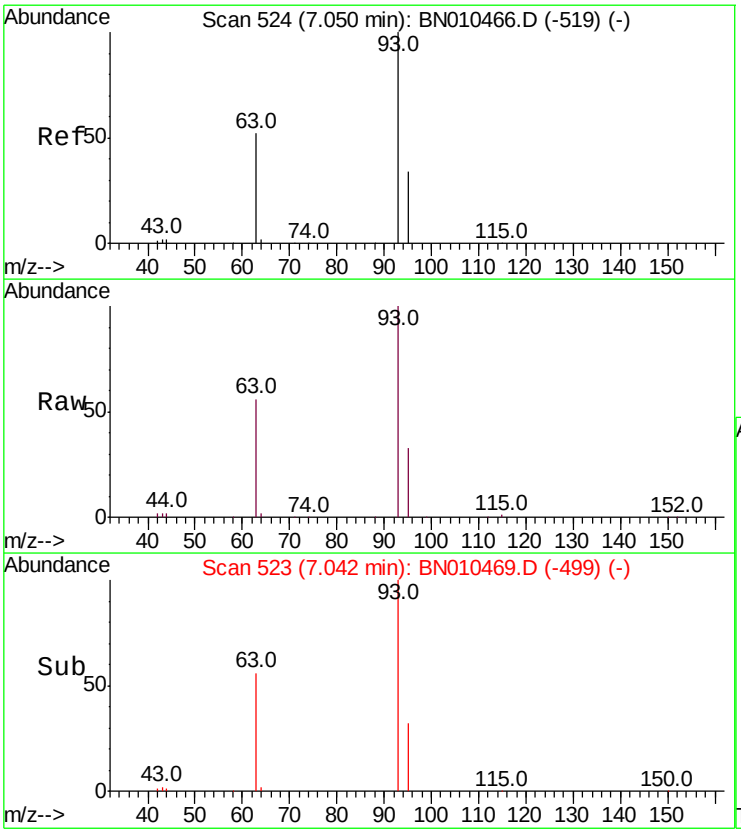
#5
Phenol-d6
Concen: 3.636 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 43957

Ion	Ratio	Lower	Upper
99	100		
42	11.8	9.8	14.6
71	35.0	27.8	41.8

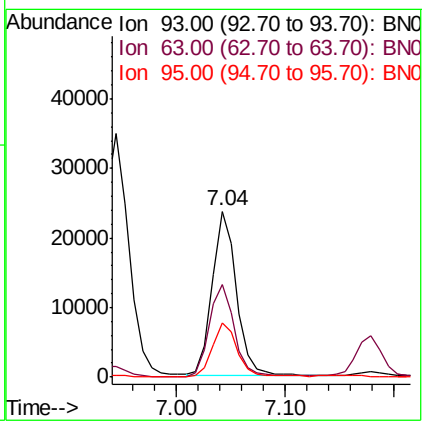


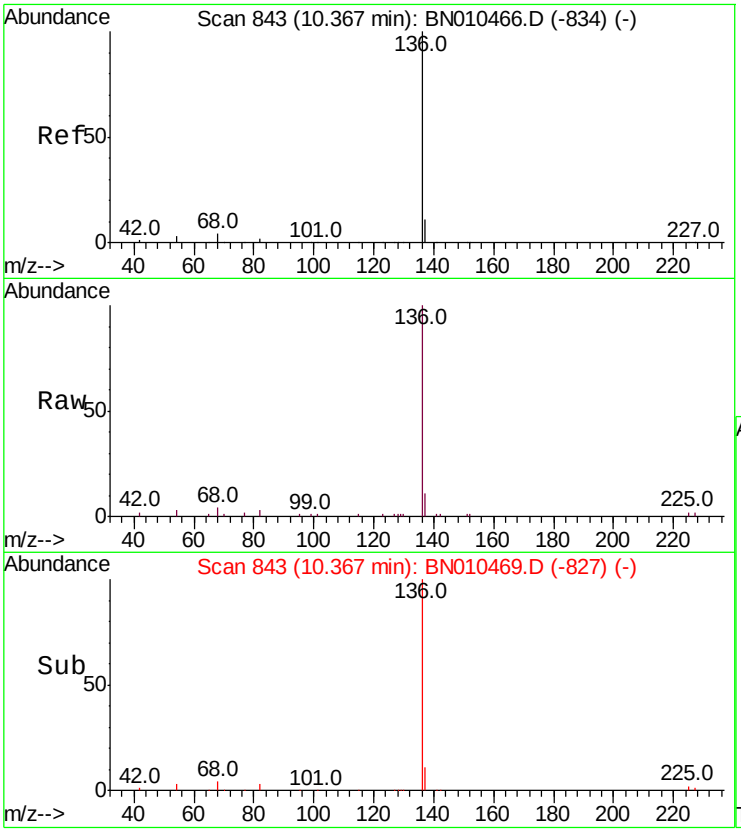


#6
bis(2-Chloroethyl)ether
Concen: 3.163 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion: 93 Resp: 36738

Ion	Ratio	Lower	Upper
93	100		
63	57.0	44.6	66.8
95	32.9	26.5	39.7



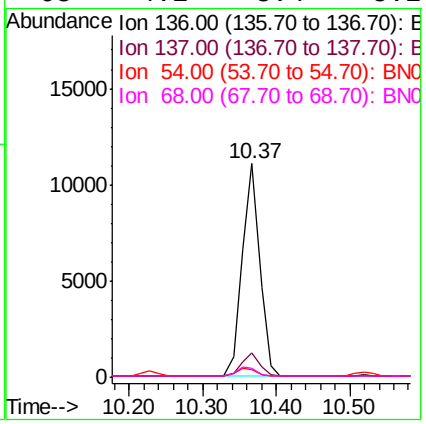


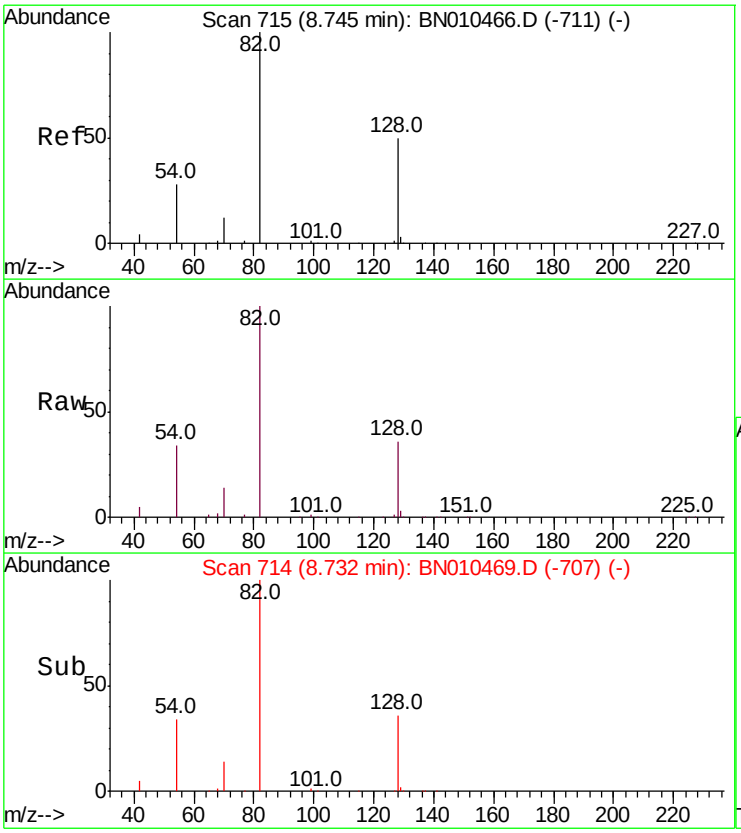
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 18213

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	3.4	2.6	4.0
68	4.2	3.4	5.2

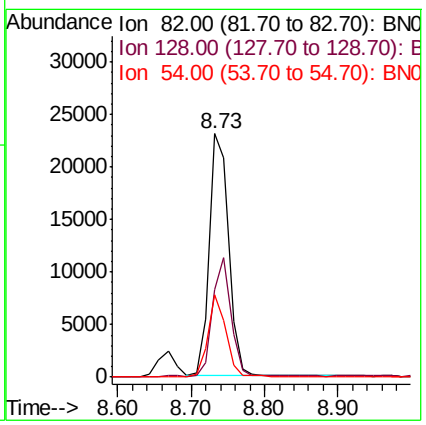


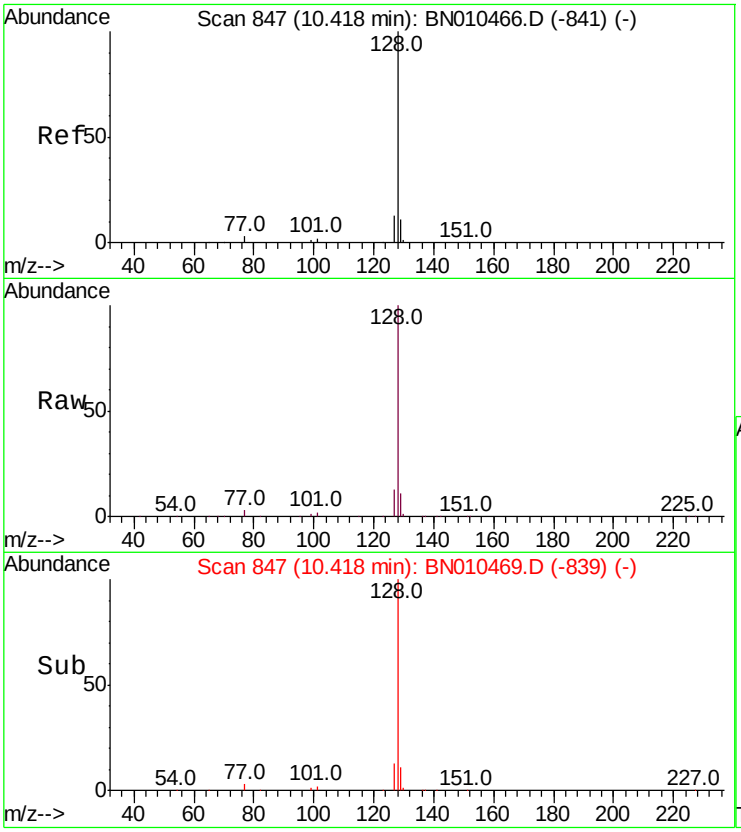


#8
Nitrobenzene-d5
Concen: 3.648 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion: 82 Resp: 42582

Ion	Ratio	Lower	Upper
82	100		
128	35.8	41.3	61.9#
54	34.0	23.4	35.0



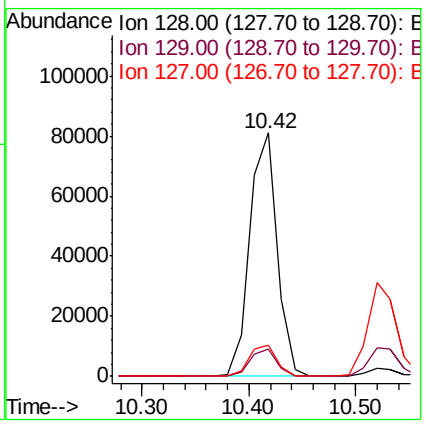


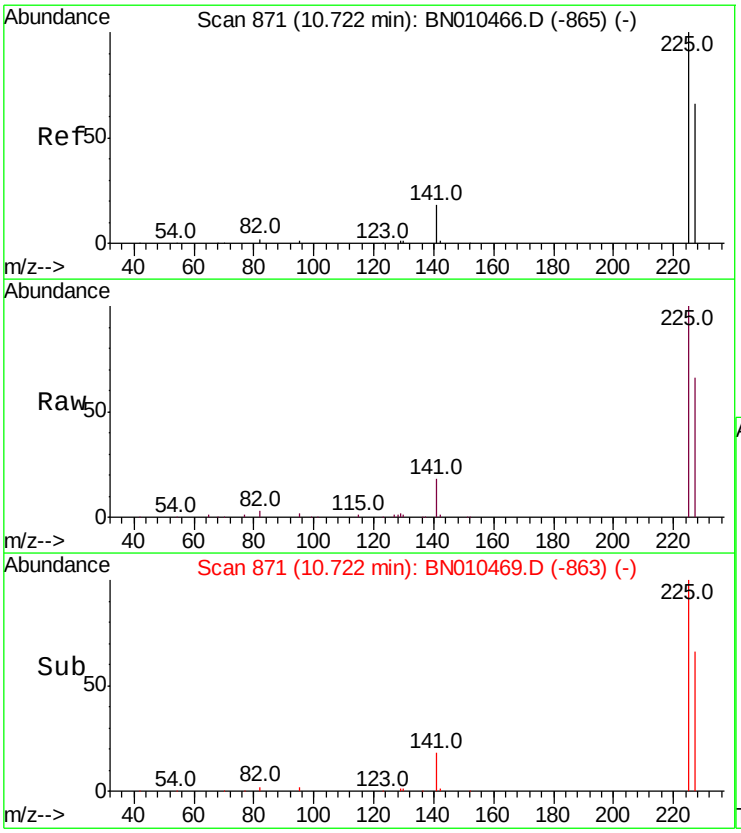
#9
Naphthalene
Concen: 3.186 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 144687

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.9	10.5	15.7

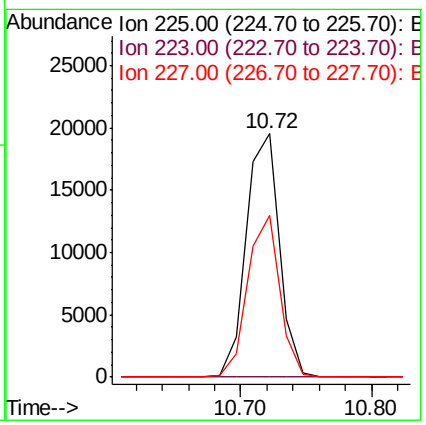


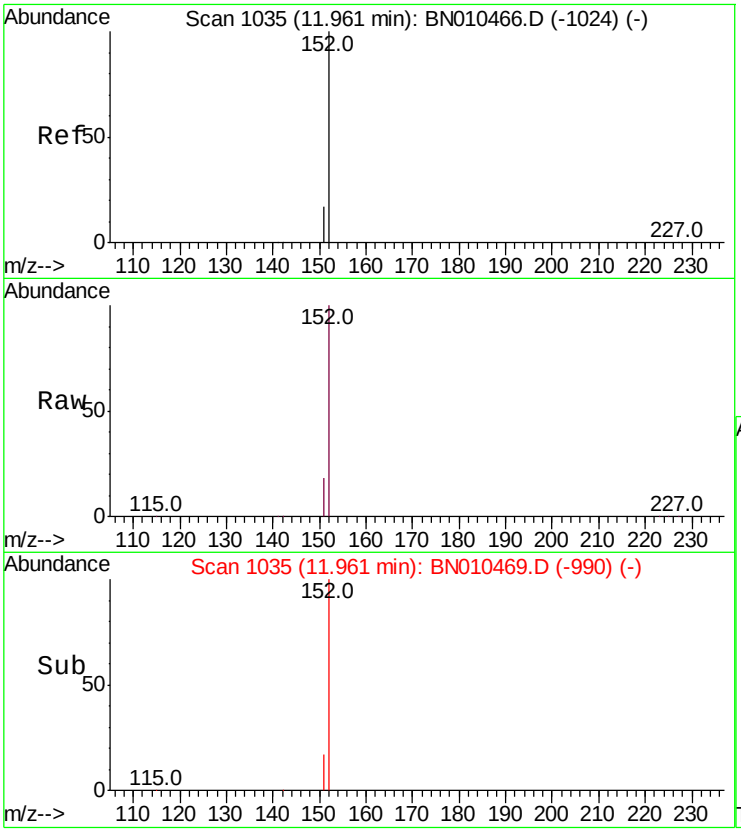


#10
Hexachlorobutadiene
Concen: 3.106 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:225 Resp: 34203

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.6	76.0



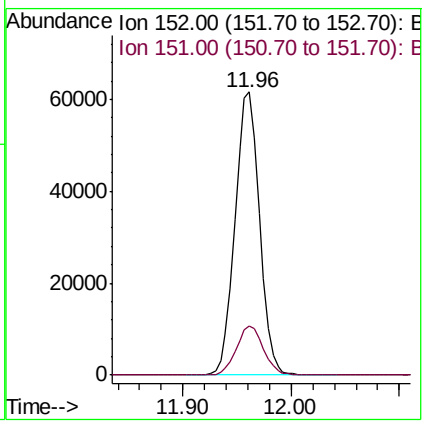


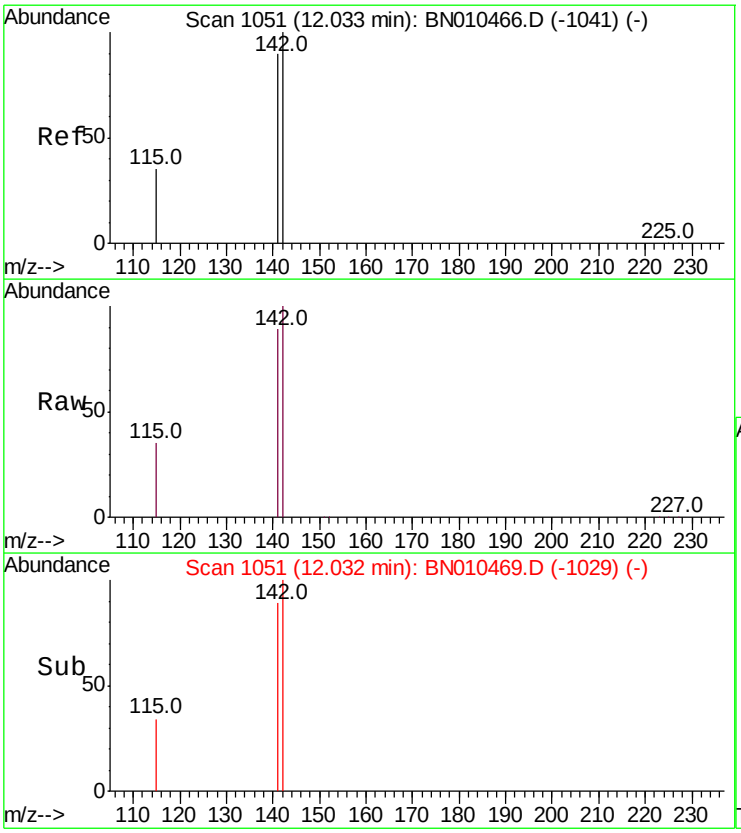
#11
2-Methylnaphthalene-d10
Concen: 3.331 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 96838

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

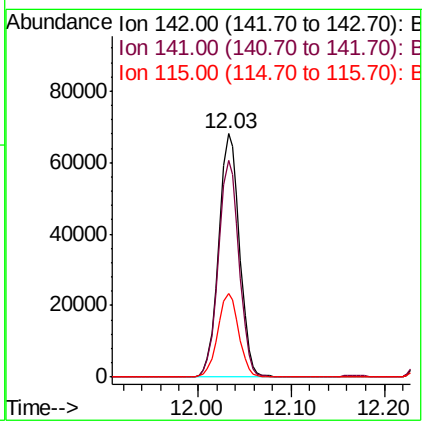


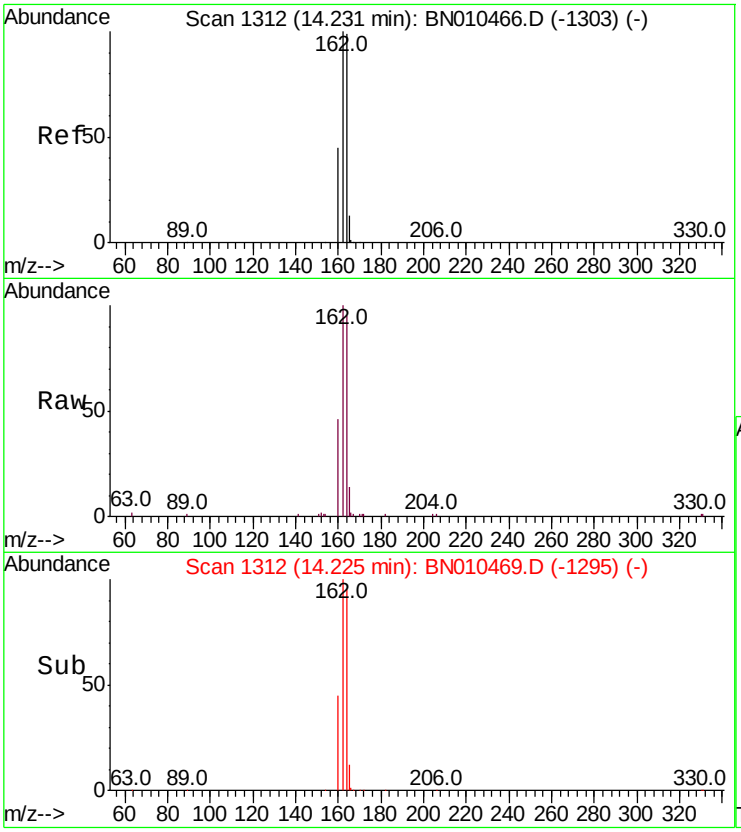


#12
2-Methylnaphthalene
Concen: 3.327 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:142 Resp: 104744

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	34.6	28.8	43.2



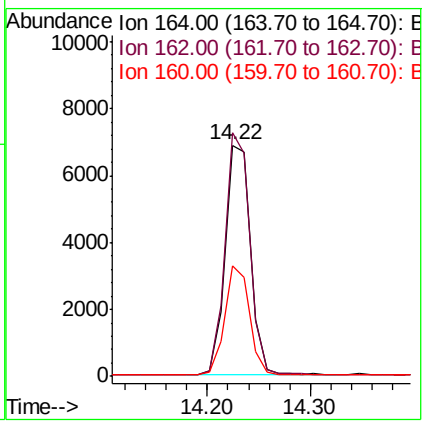


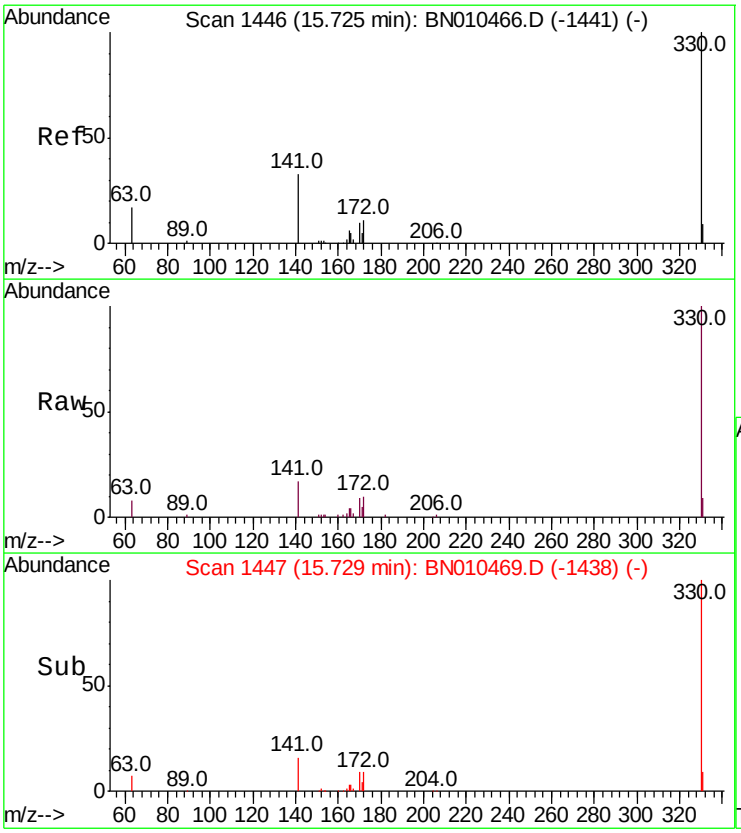
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 11547

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.6	121.0
160	48.1	36.5	54.7

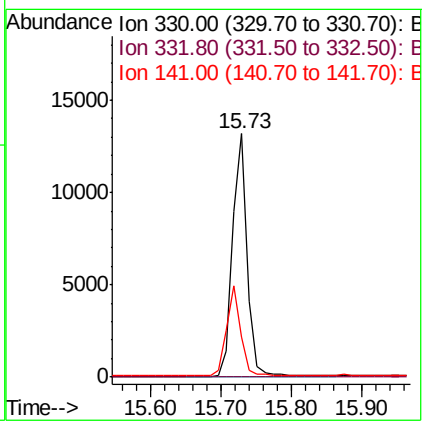


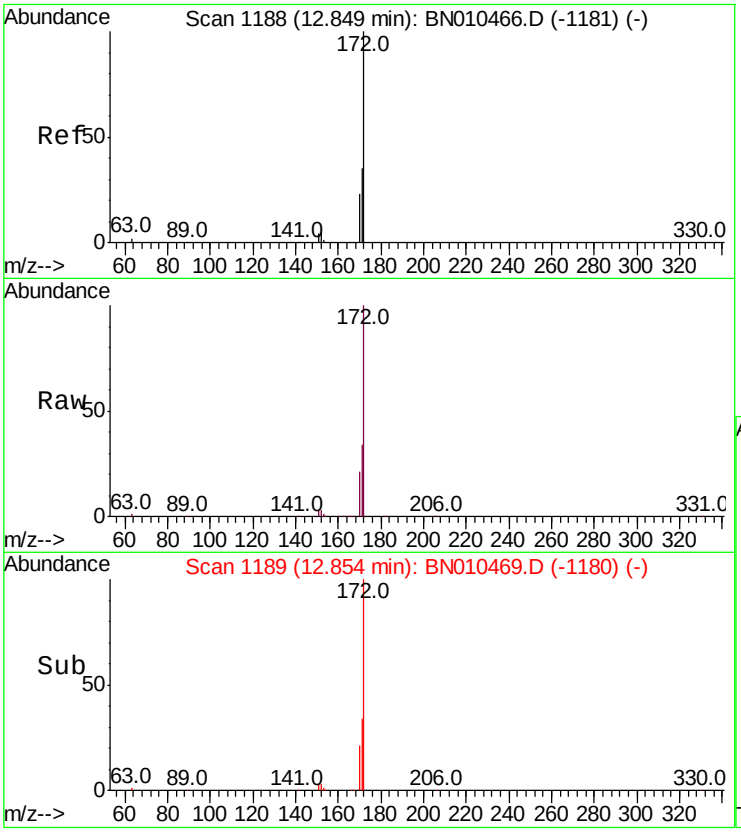


#14
2,4,6-Tribromophenol
Concen: 4.342 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:330 Resp: 19270

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.6	28.1	42.1



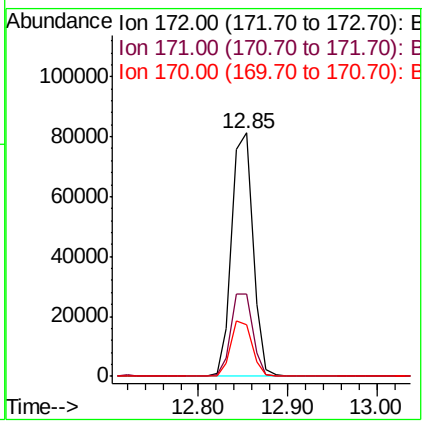


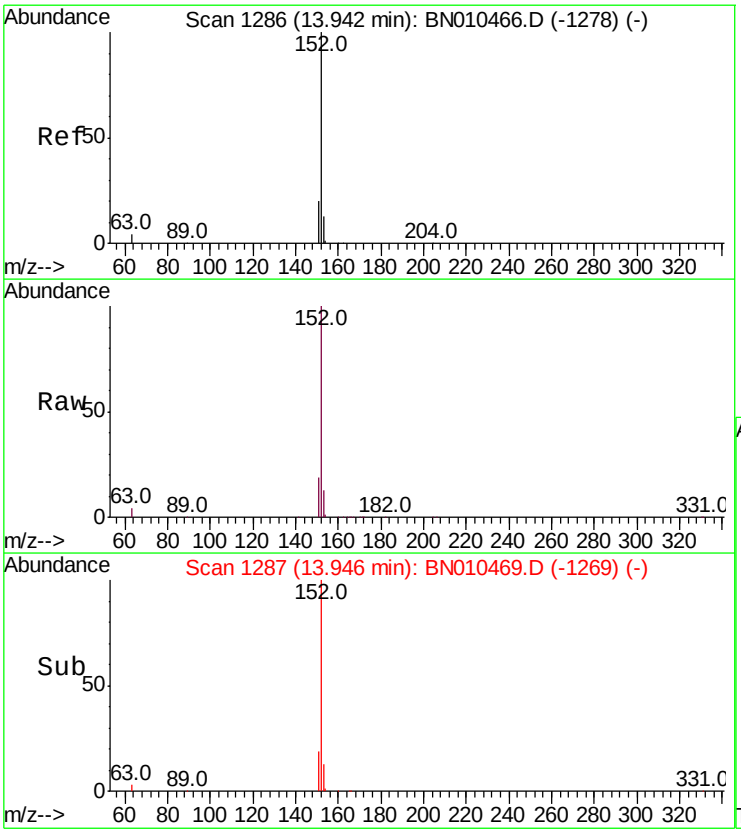
#15
2-Fluorobiphenyl
Concen: 3.040 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 134347

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.2	42.2
170	21.4	18.4	27.6

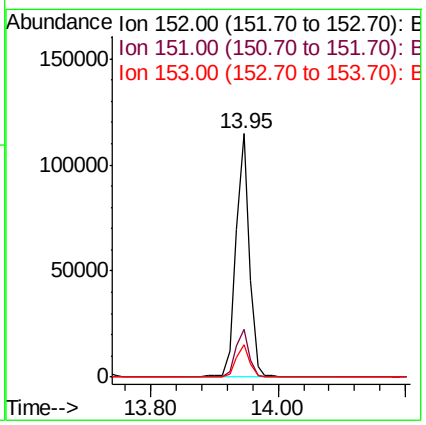


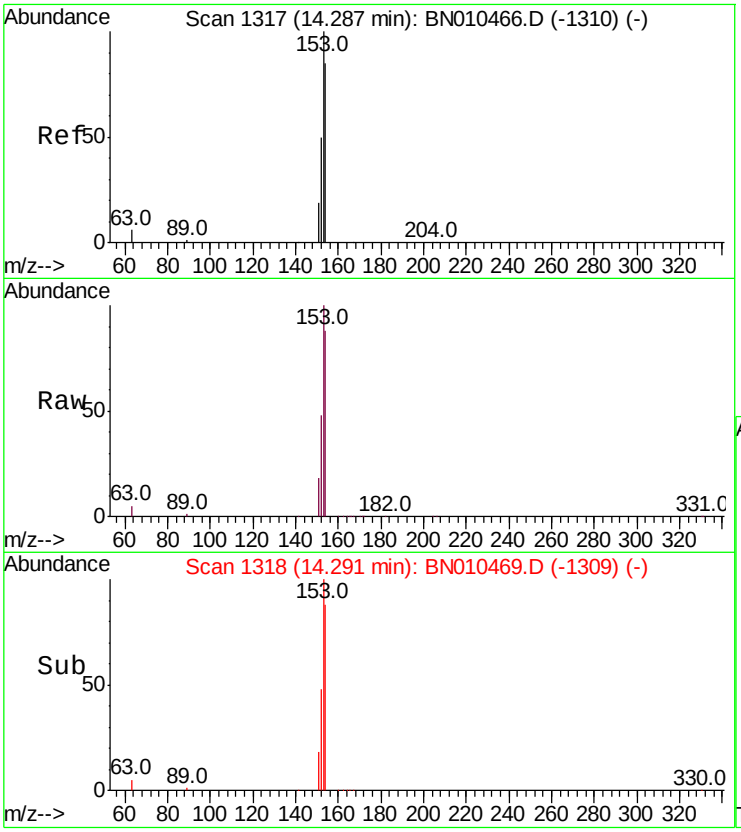


#16
Acenaphthylene
Concen: 3.717 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:152 Resp: 168406

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.6	15.8



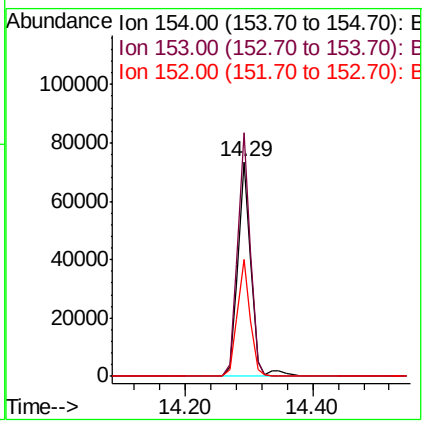


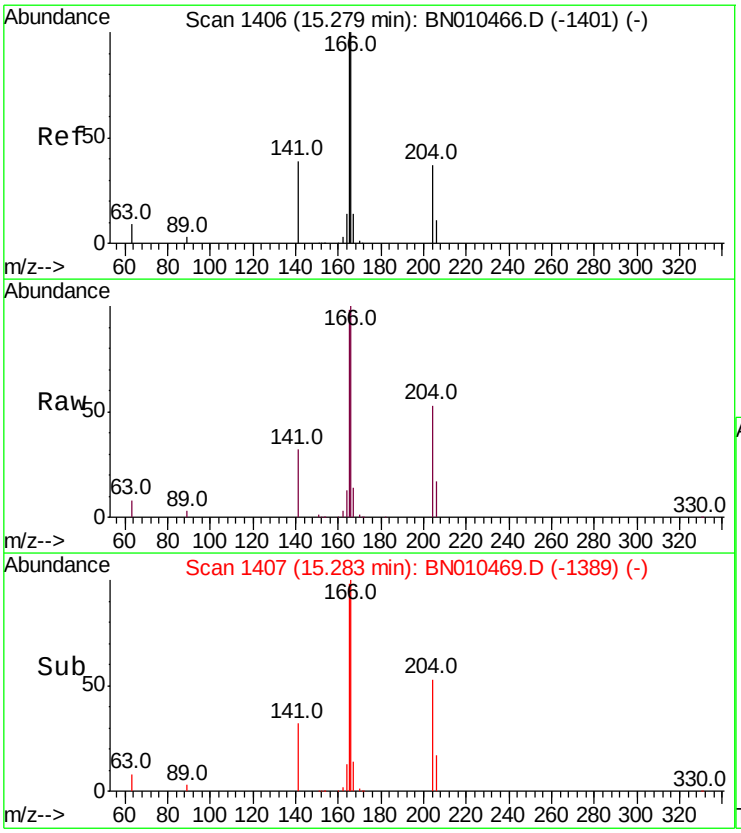
#17
Acenaphthene
Concen: 3.302 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 106599

Ion	Ratio	Lower	Upper
154	100		
153	109.5	91.0	136.4
152	52.6	44.6	67.0

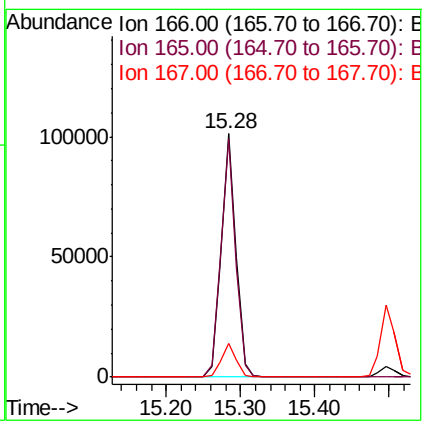


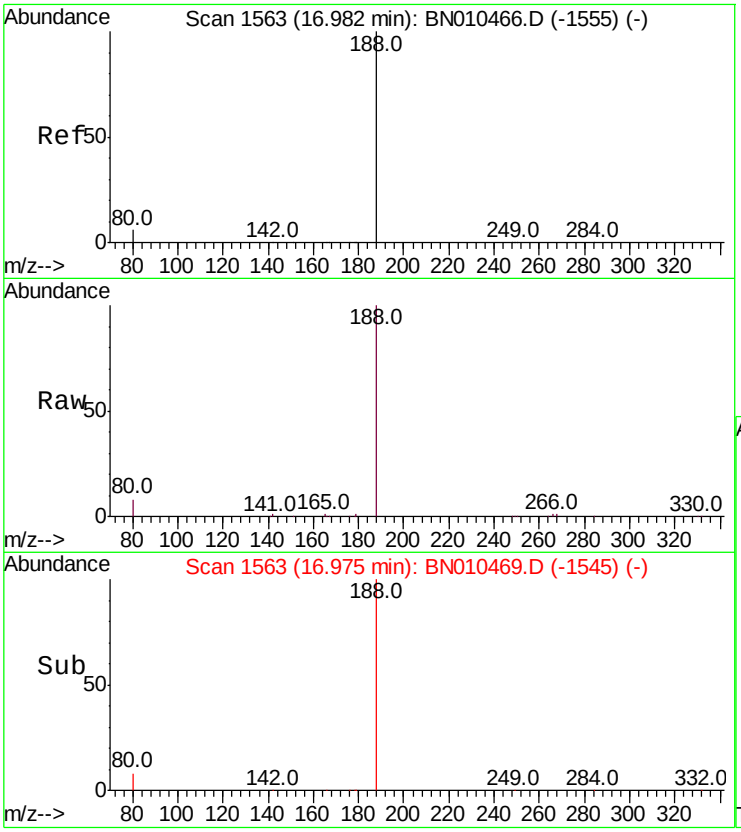


#18
Fluorene
Concen: 3.237 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:166 Resp: 138780

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.5	10.9	16.3



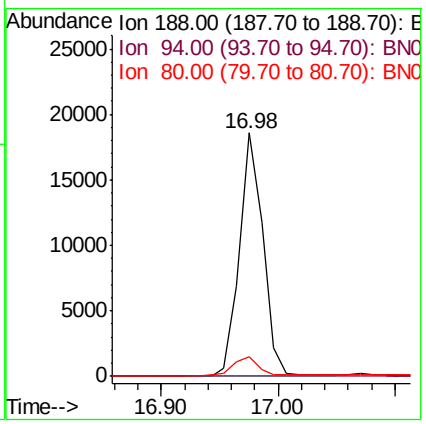


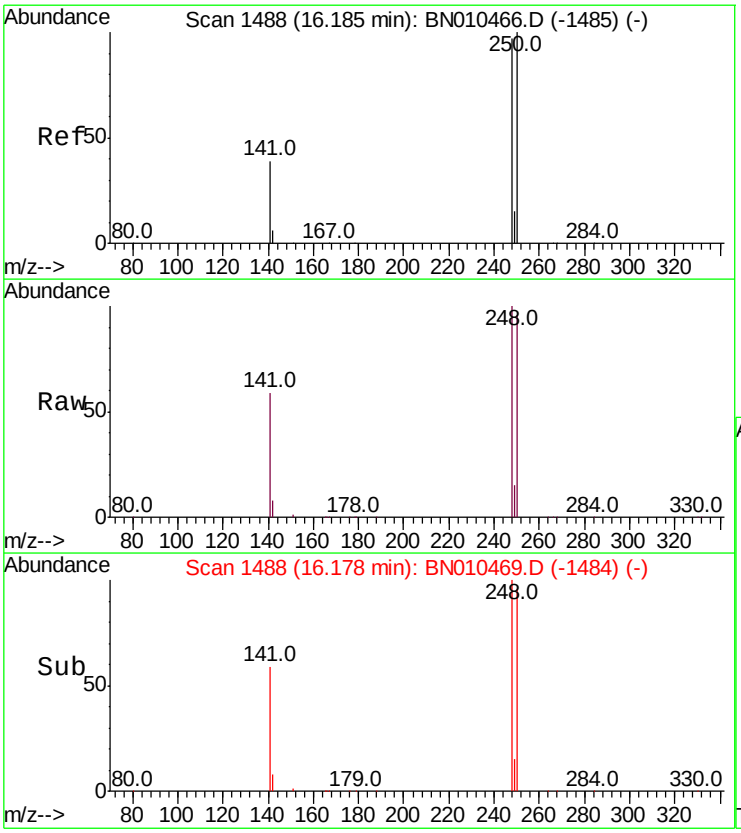
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 25654

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	5.0	7.6#

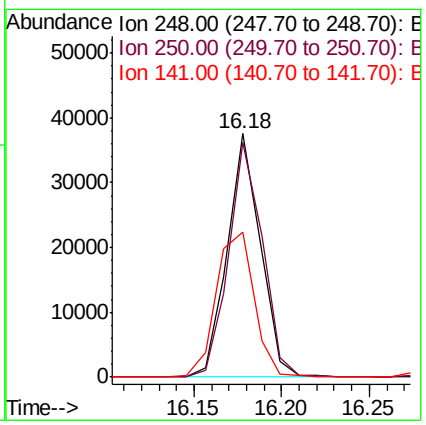


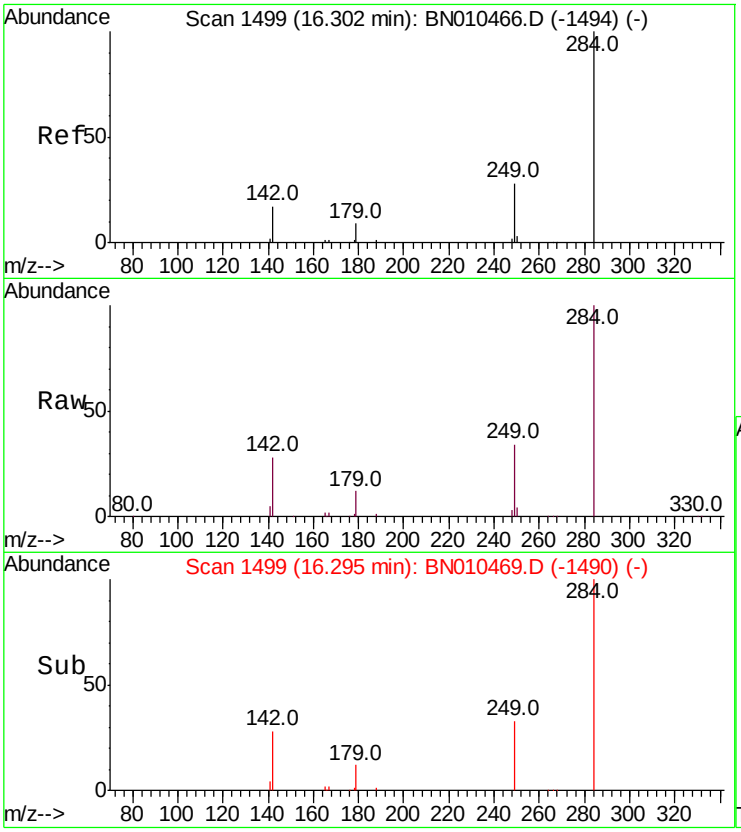


#20
4-Bromophenyl-phenylether
Concen: 3.131 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:248 Resp: 48730

Ion	Ratio	Lower	Upper
248	100		
250	96.5	82.3	123.5
141	59.3	35.2	52.8#



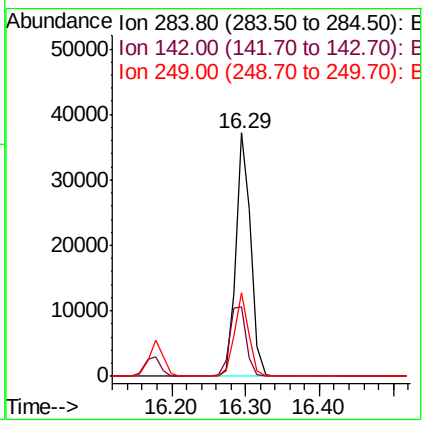


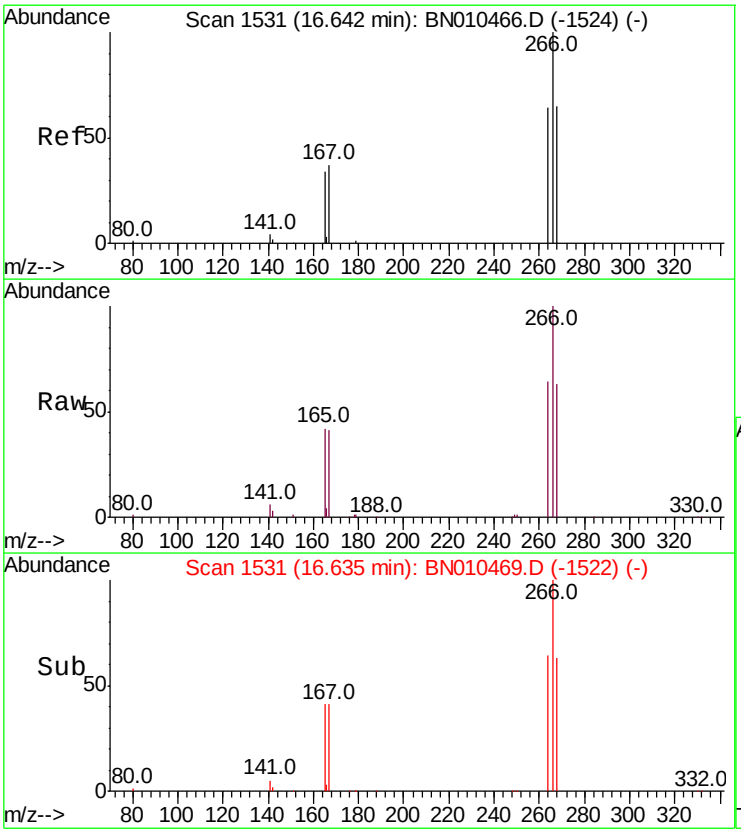
#21
Hexachlorobenzene
Concen: 3.244 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 51859

Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.5	38.3
249	32.7	25.8	38.6

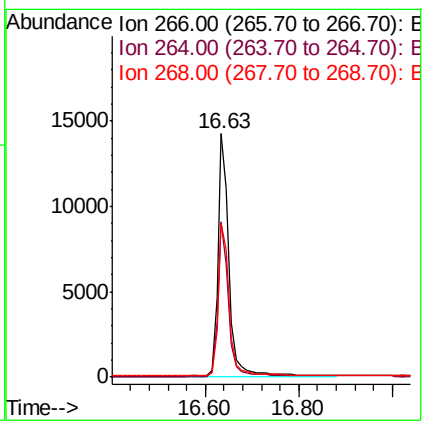


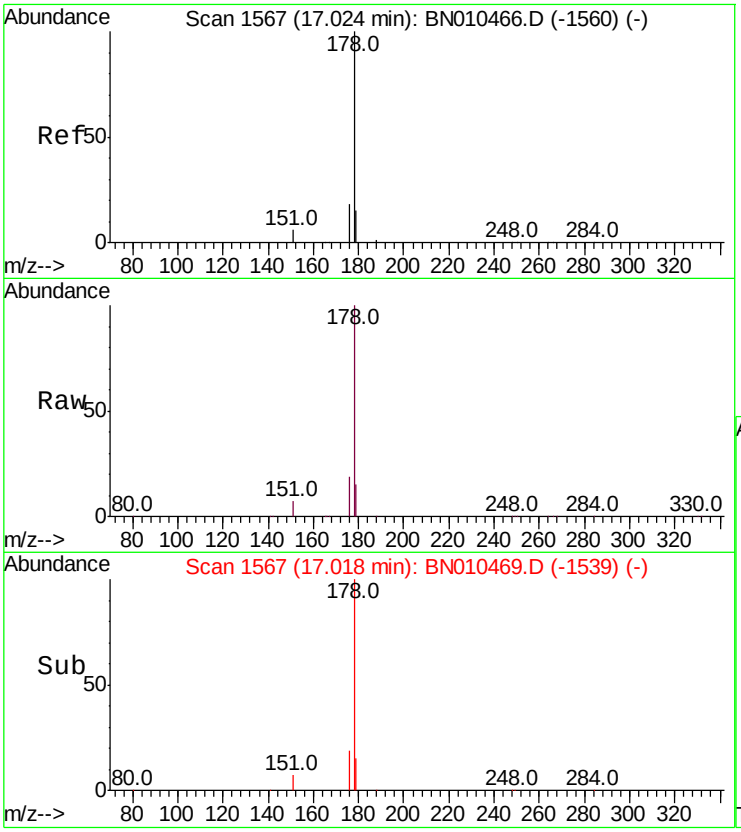


#22
Pentachlorophenol
Concen: 4.307 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:266 Resp: 23566

Ion	Ratio	Lower	Upper
266	100		
264	63.8	51.8	77.6
268	63.2	53.7	80.5



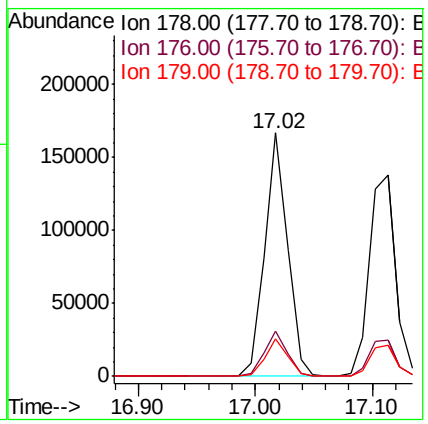


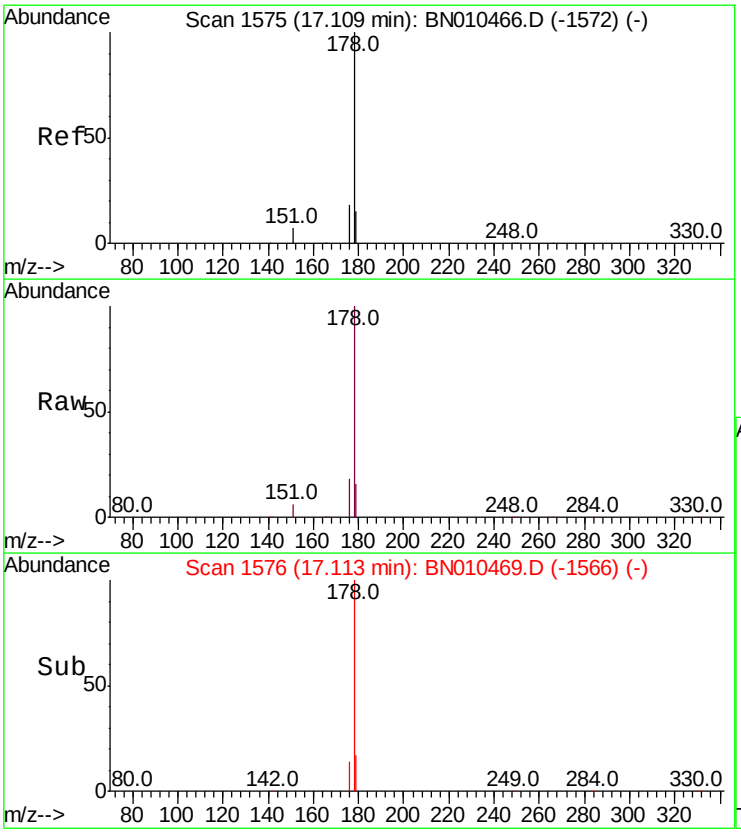
#23
Phenanthrene
Concen: 3.234 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 228068

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.6	18.8

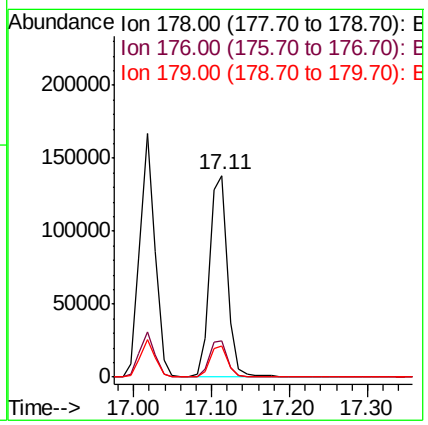


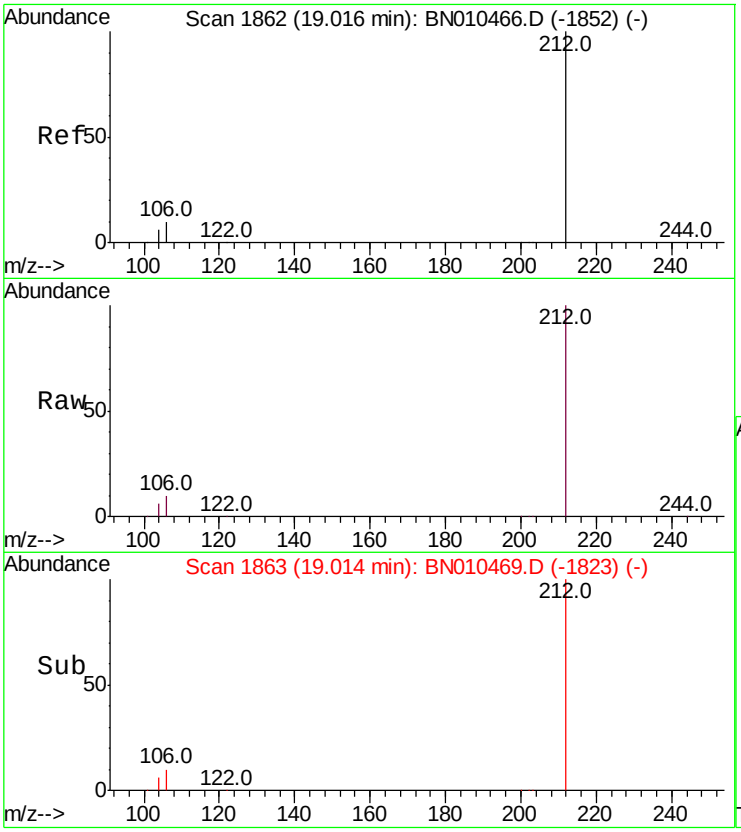


#24
Anthracene
Concen: 3.606 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:178 Resp: 217402

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.3	12.2	18.2



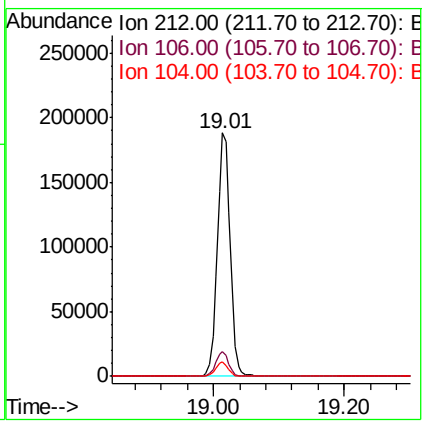


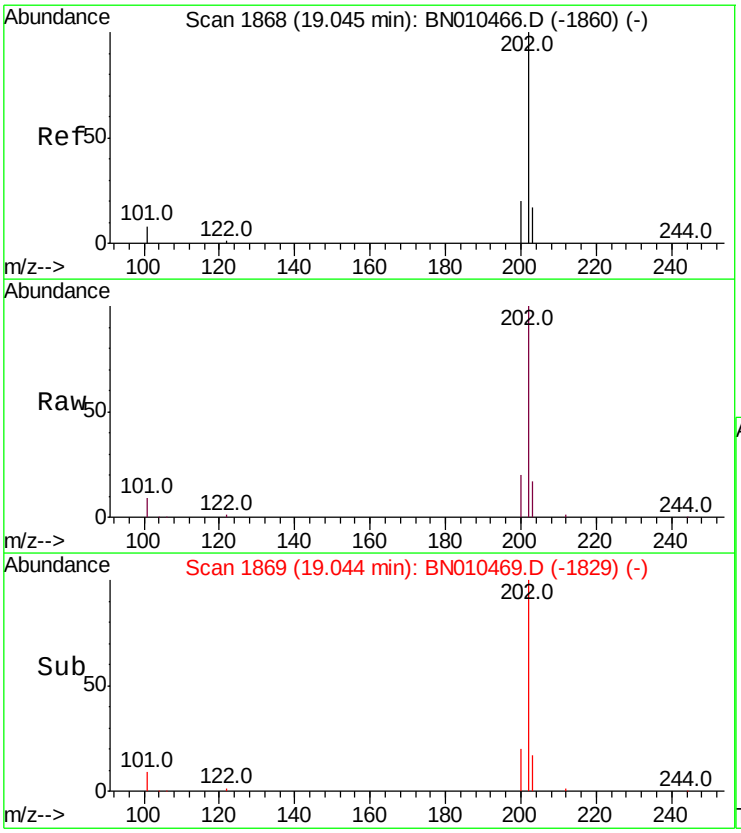
#25
Fluoranthene-d10
Concen: 3.331 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 257716

Ion	Ratio	Lower	Upper
212	100		
106	10.0	7.8	11.6
104	5.7	4.5	6.7

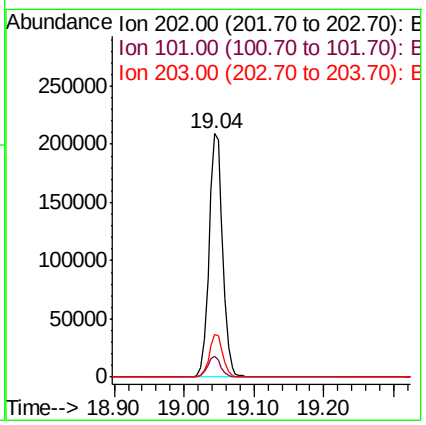


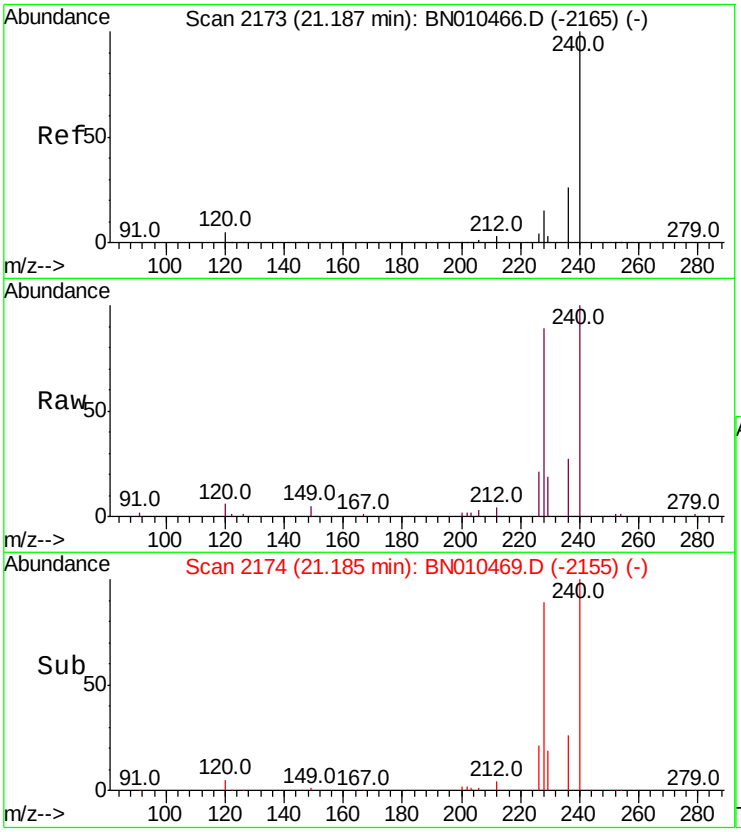


#26
Fluoranthene
Concen: 3.281 ng
RT: 19.04 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:202 Resp: 283507

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
203	17.4	13.9	20.9



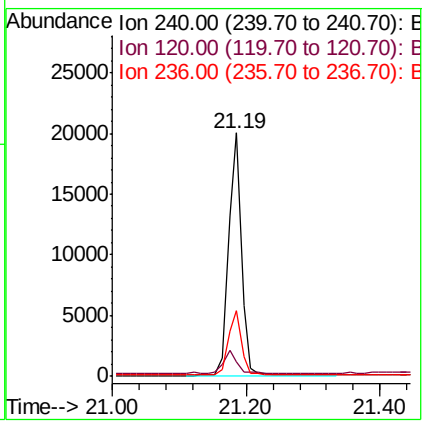


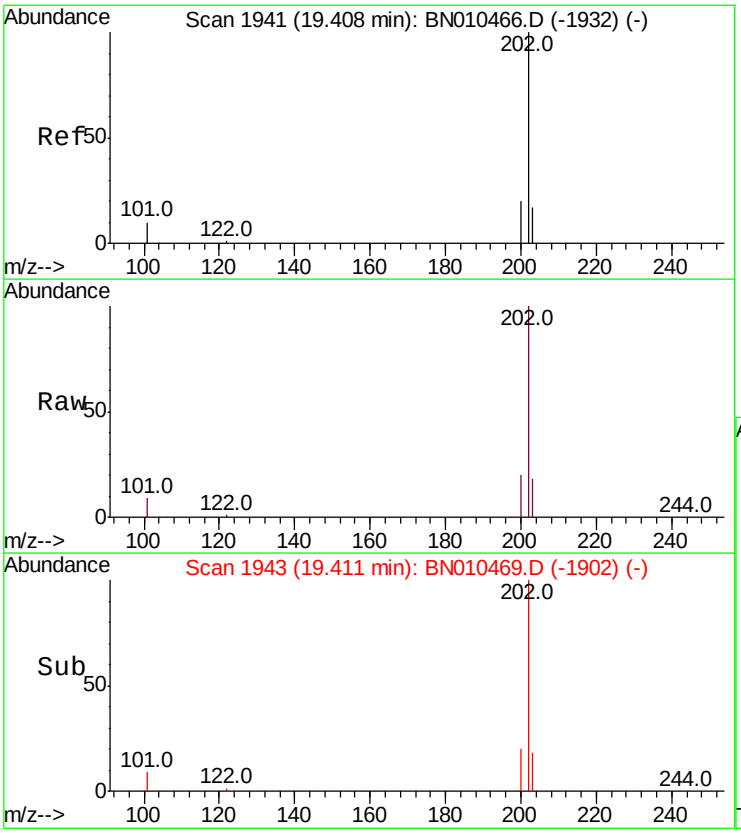
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 26557

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.8	7.2
236	26.8	21.4	32.0

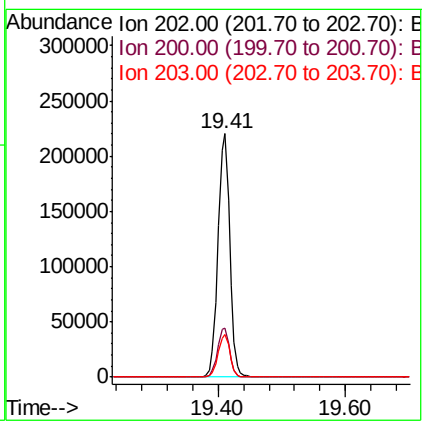


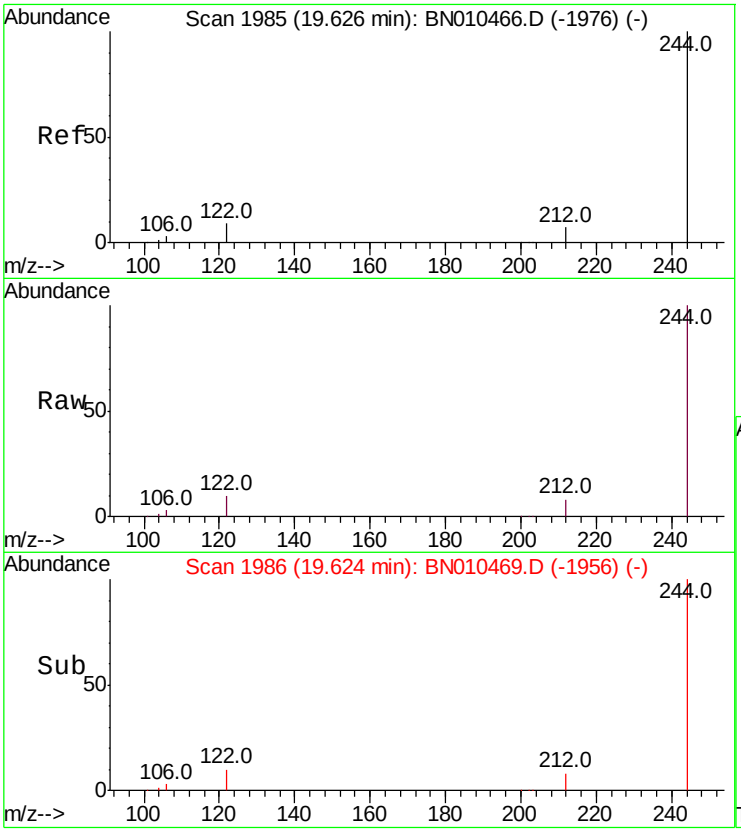


#28
Pyrene
Concen: 3.454 ng
RT: 19.41 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:202 Resp: 285617

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.0	21.0



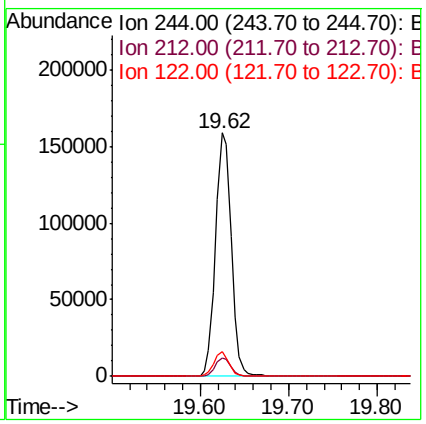


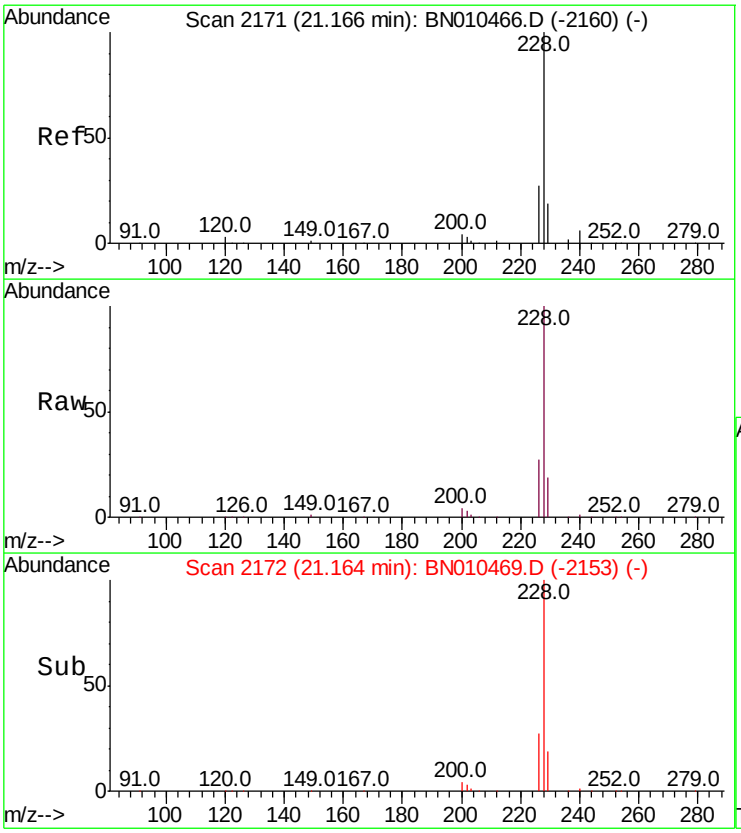
#29
Terphenyl-d14
Concen: 3.408 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 195537

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.9	7.8	11.8

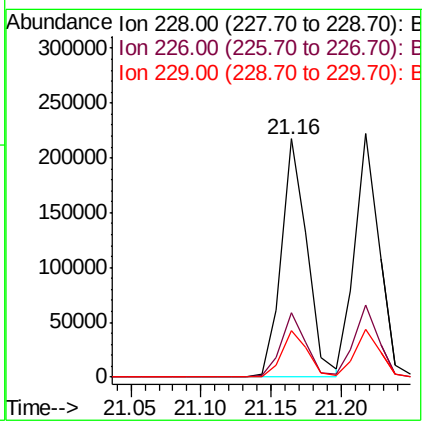


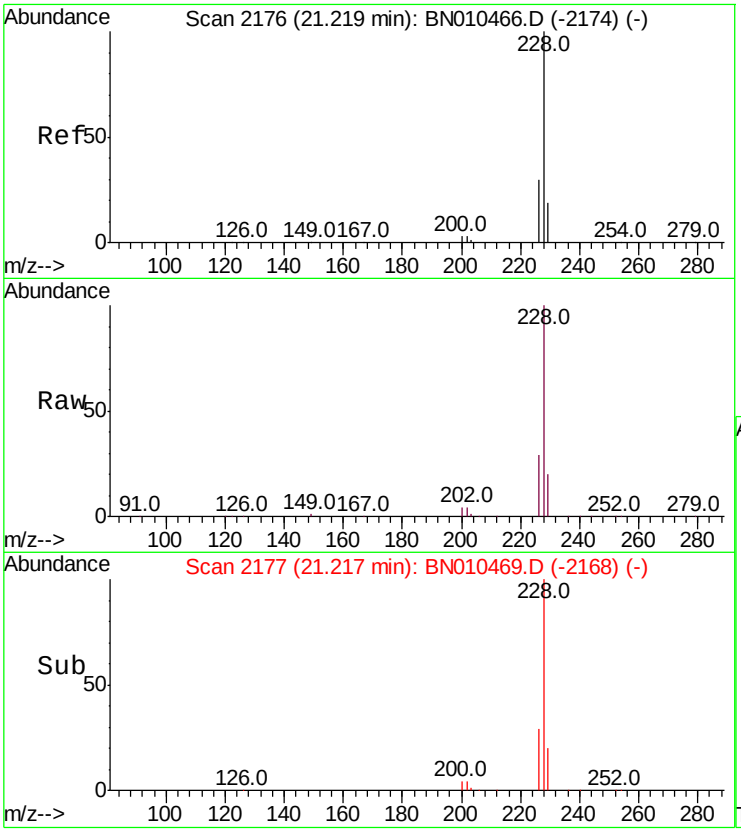


#30
Benzo(a)anthracene
Concen: 3.299 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:228 Resp: 279003

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.4	15.6	23.4



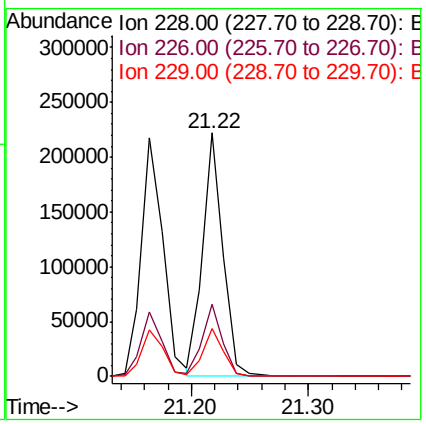


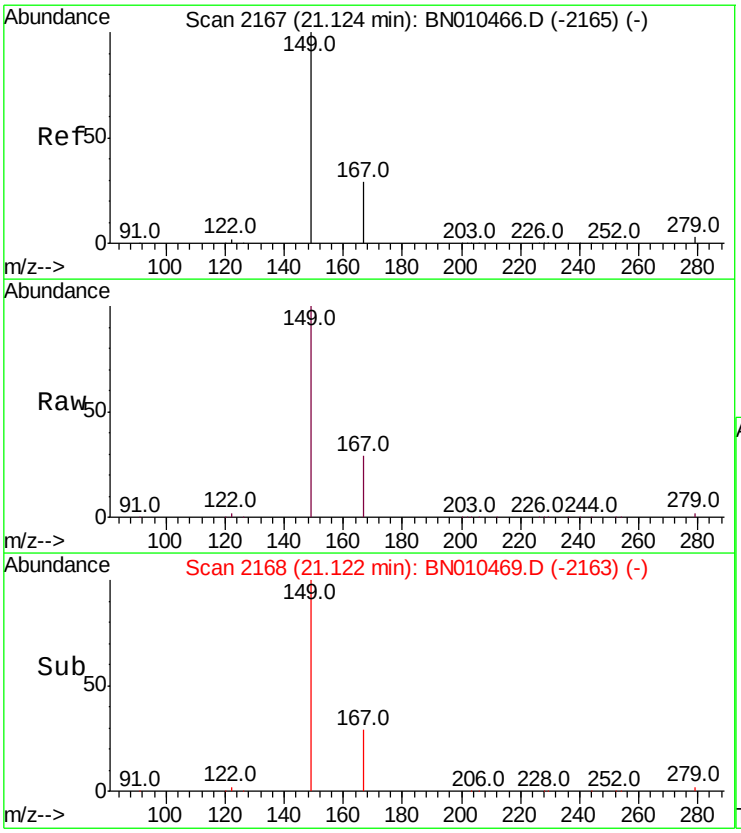
#31
Chrysene
Concen: 2.967 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 269109

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	19.6	15.8	23.6

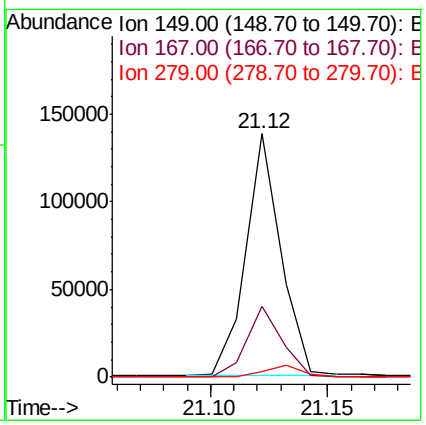


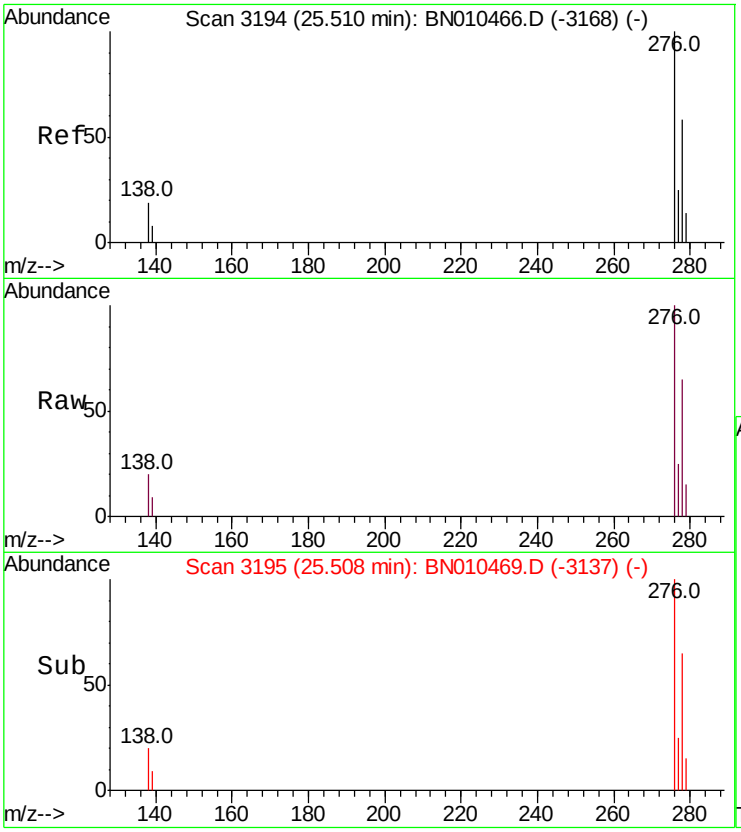


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:149 Resp: 144238

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	4.8	4.0	6.0



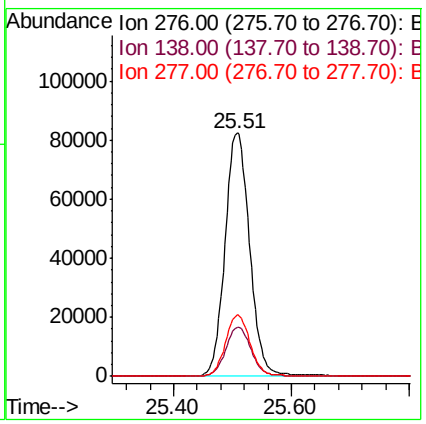


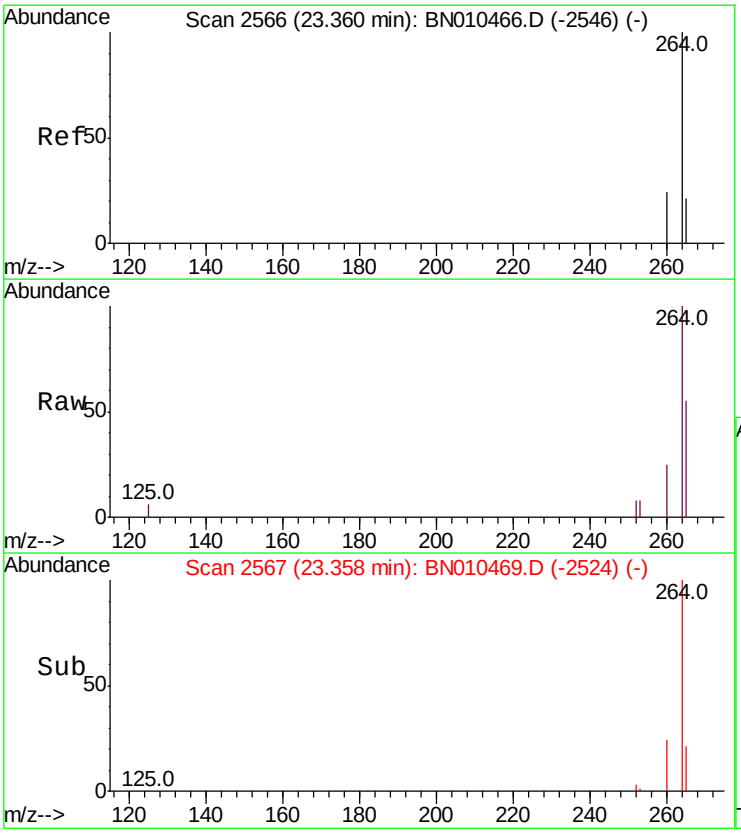
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.447 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 237722

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.4	24.6
277	25.1	19.8	29.6

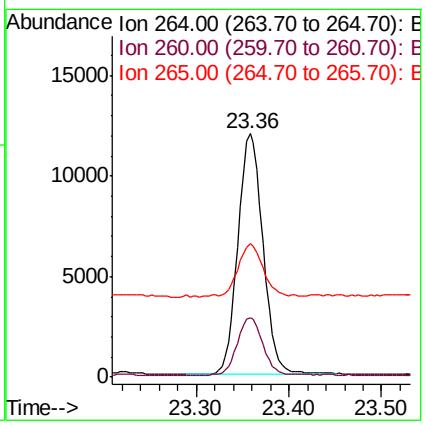


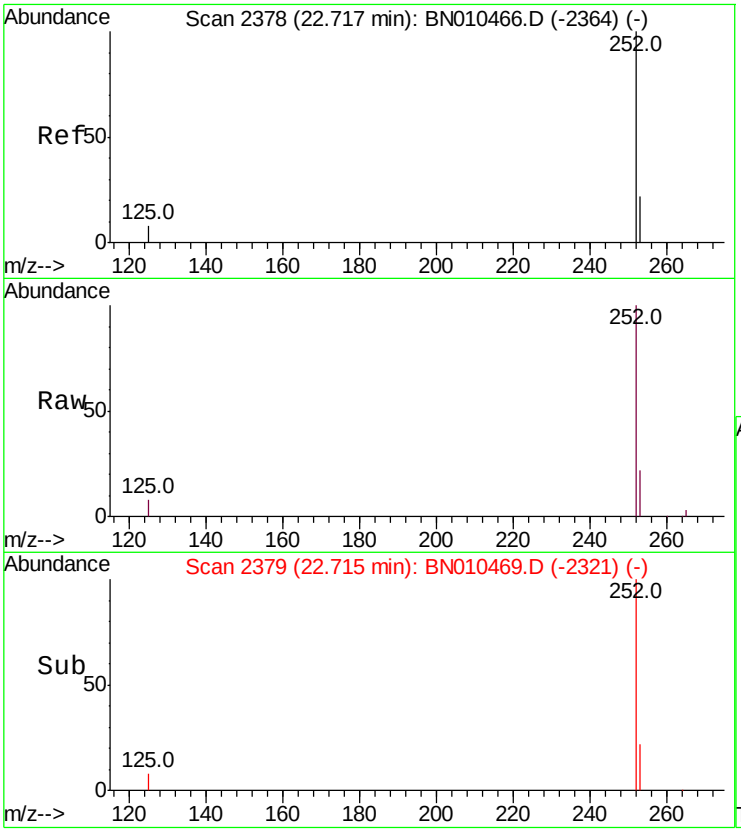


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:264 Resp: 22402

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	54.6	42.3	63.5



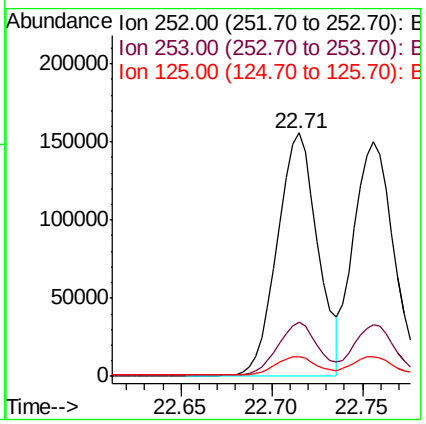


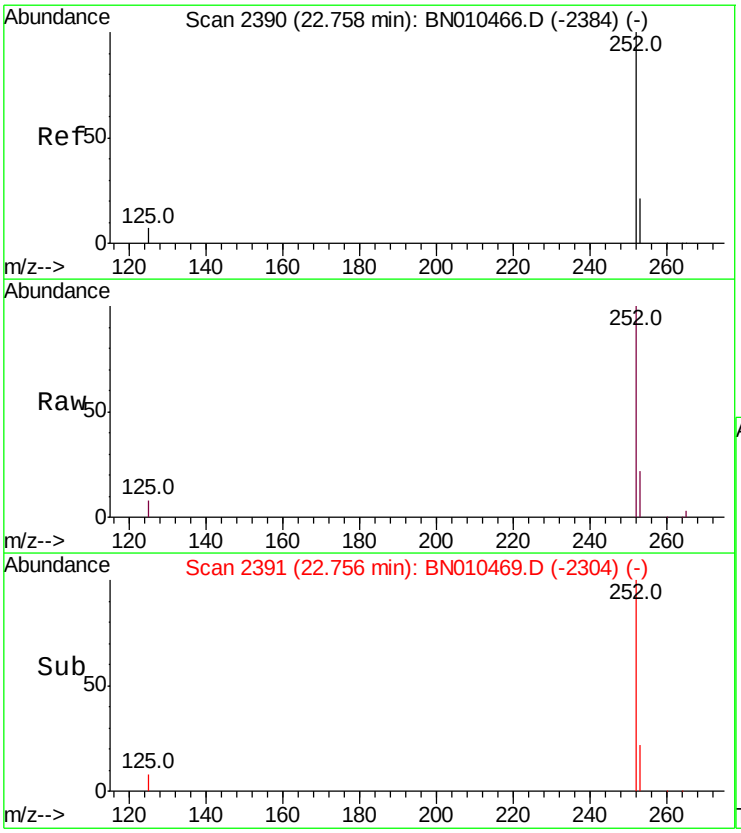
#35
Benzo(b)fluoranthene
Concen: 3.154 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 240064

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.2	30.4
125	8.3	9.2	13.8#

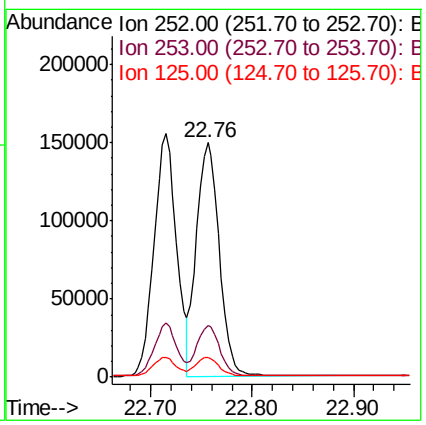


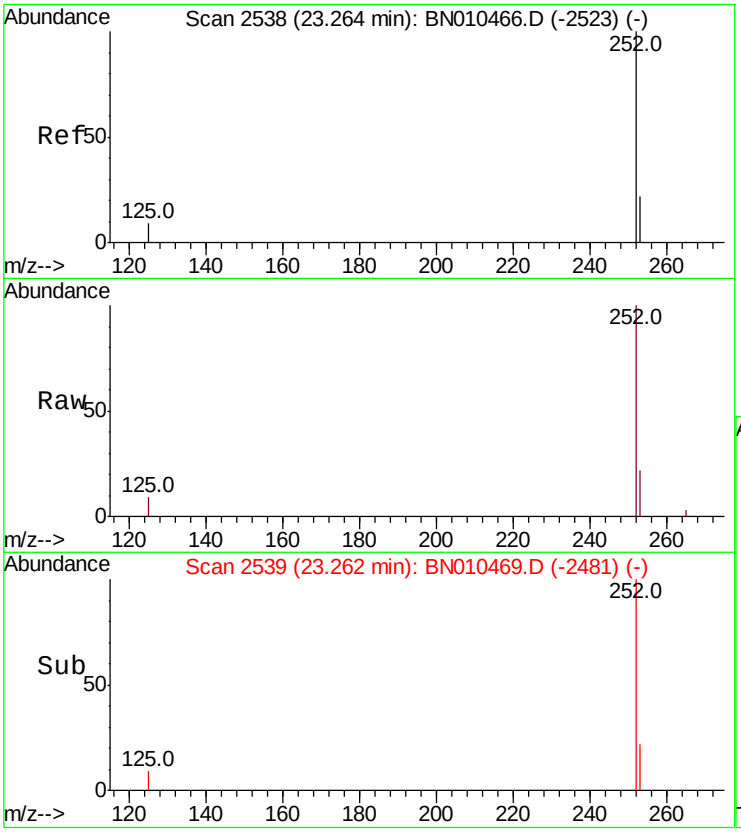


#36
Benzo(k)fluoranthene
Concen: 3.004 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:252 Resp: 232649

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.1	30.1
125	8.4	9.6	14.4#



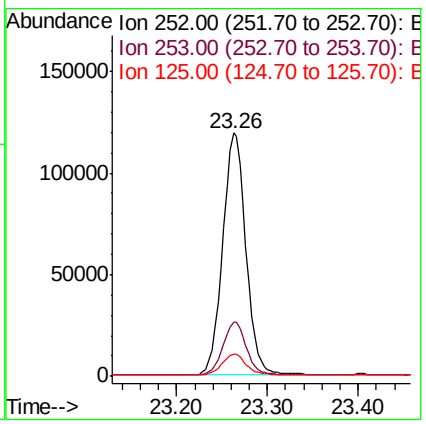


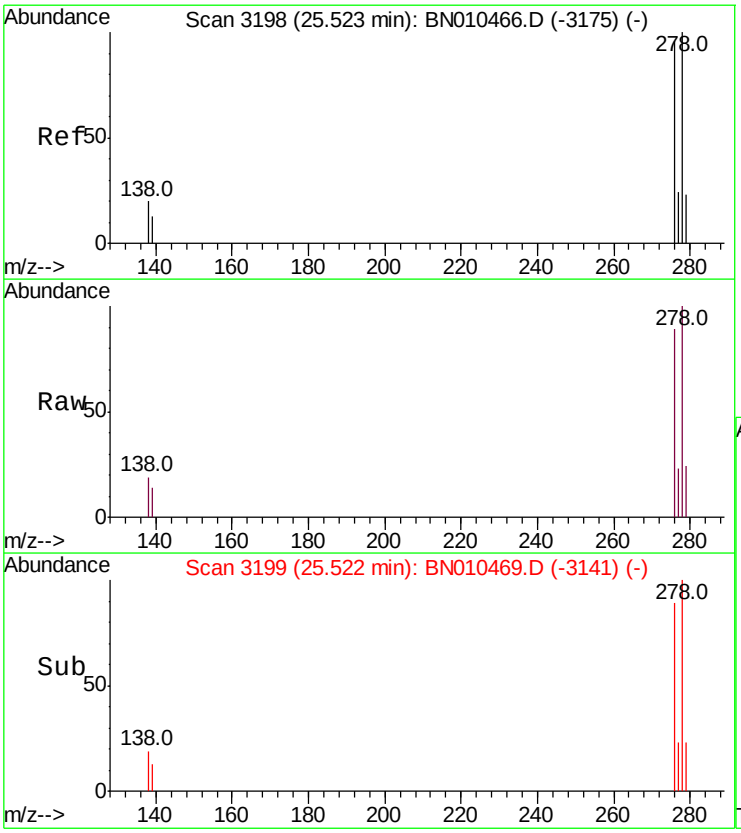
#37
Benzo(a)pyrene
Concen: 3.290 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 211246

Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.8	32.8
125	9.4	11.0	16.6#

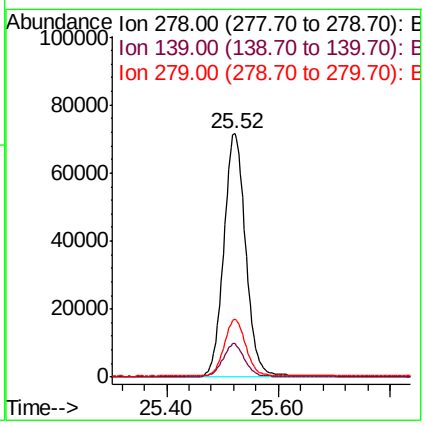


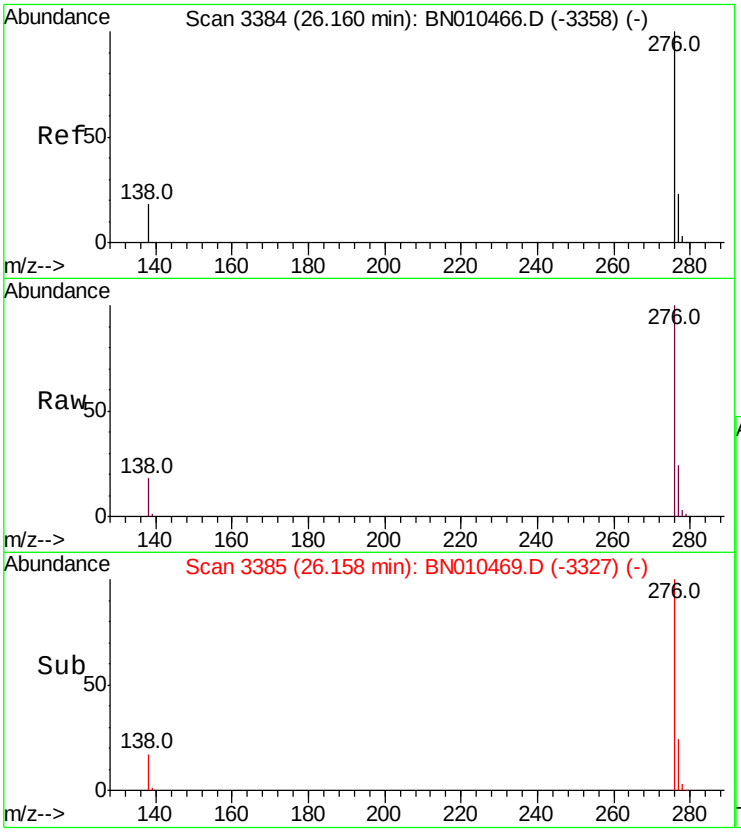


#38
Dibenzo(a,h)anthracene
Concen: 2.796 ng
RT: 25.52 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Tgt Ion:278 Resp: 194135

Ion	Ratio	Lower	Upper
278	100		
139	13.6	12.3	18.5
279	23.7	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 2.752 ng
RT: 26.16 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BN010469.D
Acq: 13 Apr 2020 16:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 192330

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.2	30.2
138	17.6	15.4	23.2