Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010281.D
Acq On : 19 Mar 2020 01:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 02:15:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3875	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13408	0.40	ng		-0.01
13) Acenaphthene-d10	14.25	164	8055	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19406	0.40	ng		-0.01
27) Chrysene-d12	21.17	240	20041	0.40	ng		-0.02
34) Perylene-d12	23.35	264	22512	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3026	0.33	ng		-0.02
5) Phenol-d6	6.80	99	3739	0.33	ng		-0.02
8) Nitrobenzene-d5	8.76	82	3181	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	11.97	152	8459	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	15.73	330	1089	0.38	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	12780	0.45	ng		-0.01
25) Fluoranthene-d10	19.02	212	22028	0.37	ng		-0.02
29) Terphenyl-d14	19.63	244	17780	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1507	0.399	ng	#	52
3) n-Nitrosodimethylamine	3.57	42	1121	0.335	ng	#	40
6) bis(2-Chloroethyl)ether	7.06	93	3782	0.399	ng		96
9) Naphthalene	10.43	128	13309	0.396	ng		96
10) Hexachlorobutadiene	10.73	225	3331	0.431	ng	#	97
12) 2-Methylnaphthalene	12.05	142	9239	0.383	ng		94
16) Acenaphthylene	13.96	152	12024	0.323	ng		99
17) Acenaphthene	14.30	154	8957	0.397	ng		97
18) Fluorene	15.29	166	11989	0.390	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4525	0.406	ng	#	92
21) Hexachlorobenzene	16.31	284	4888	0.449	ng		99
22) Pentachlorophenol	16.65	266	1288	0.383	ng		91
23) Phenanthrene	17.03	178	20749	0.403	ng		100
24) Anthracene	17.11	178	16920	0.330	ng		99
26) Fluoranthene	19.05	202	25006	0.383	ng		99
28) Pyrene	19.41	202	24933	0.372	ng		100
30) Benzo(a)anthracene	21.16	228	23364	0.343	ng		99
31) Chrysene	21.22	228	27722	0.413	ng		97
32) Bis(2-ethylhexyl)phthalate	21.12	149	6818	0.235	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.49	276	34648	0.435	ng		99
35) Benzo(b)fluoranthene	22.70	252	27261	0.394	ng		99
36) Benzo(k)fluoranthene	22.70	252	27255	0.390	ng		98
37) Benzo(a)pyrene	23.26	252	23179	0.355	ng		98
38) Dibenzo(a,h)anthracene	25.51	278	28615	0.437	ng		99
39) Benzo(g,h,i)perylene	26.14	276	26525	0.405	ng		97

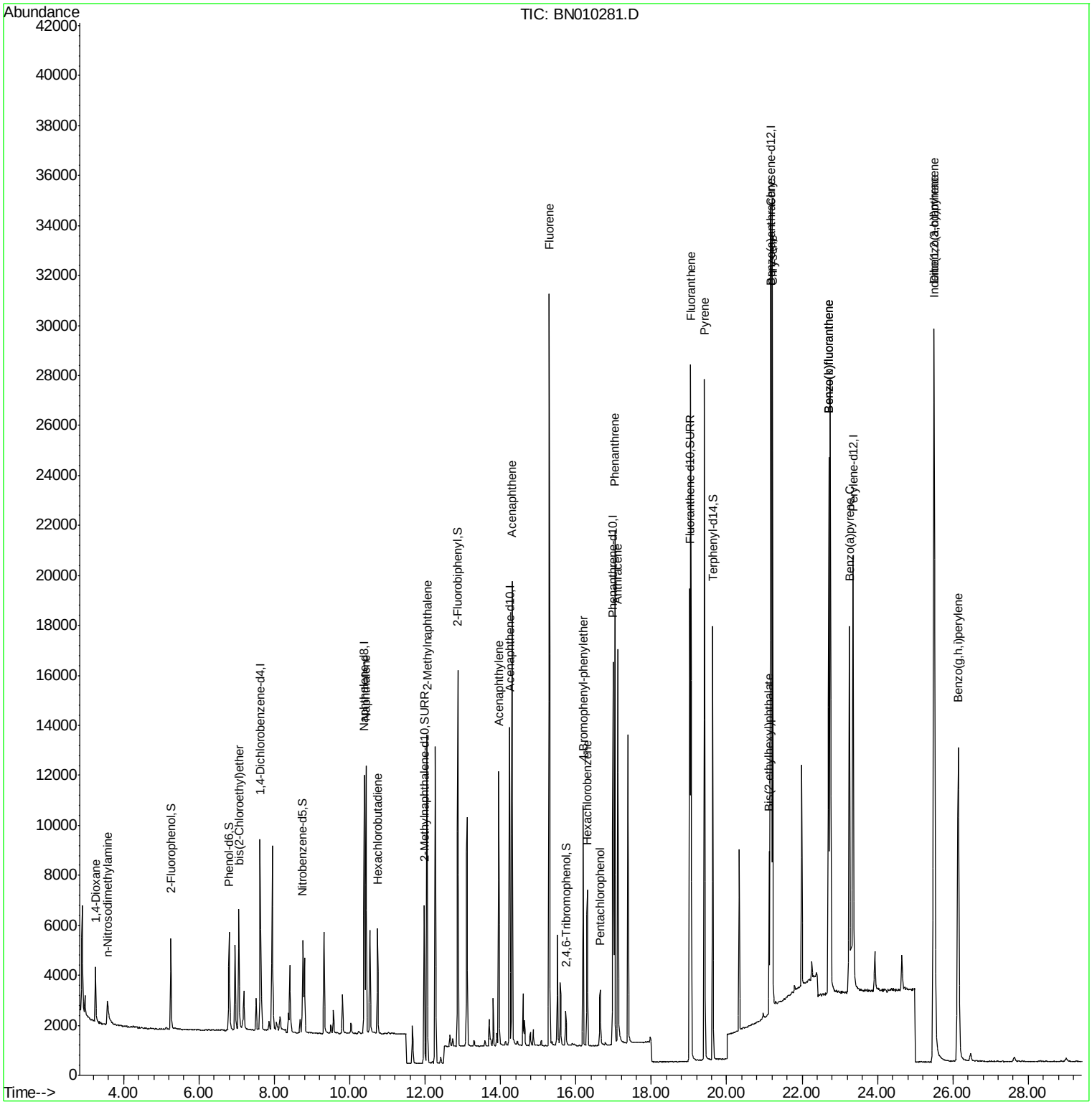
(#) = qualifier out of range (m) = manual integration (+) = signals summed

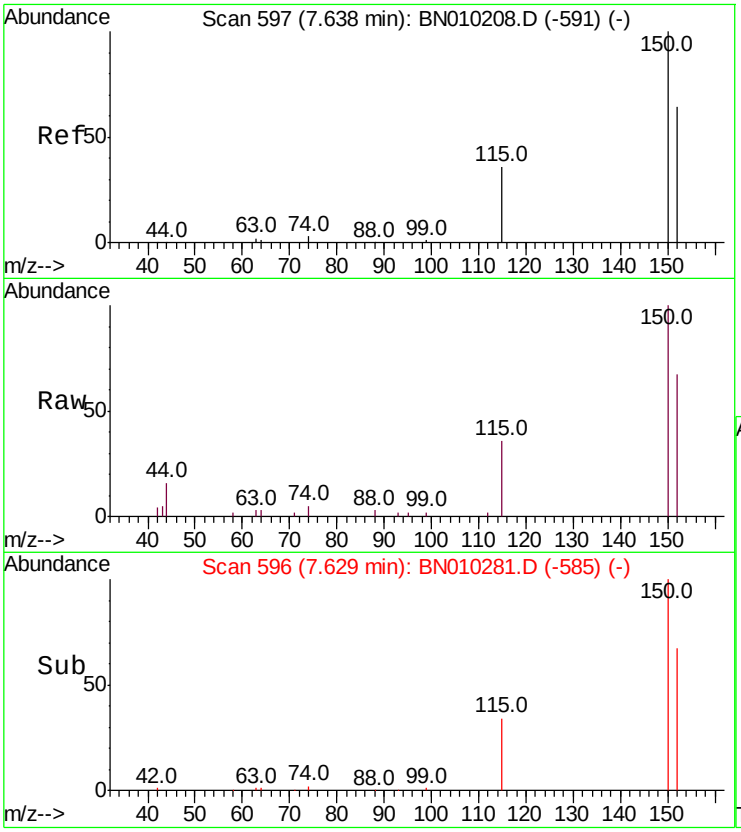
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010281.D
Acq On : 19 Mar 2020 01:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 02:15:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration



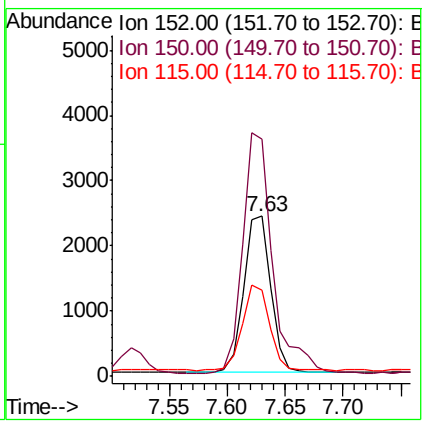


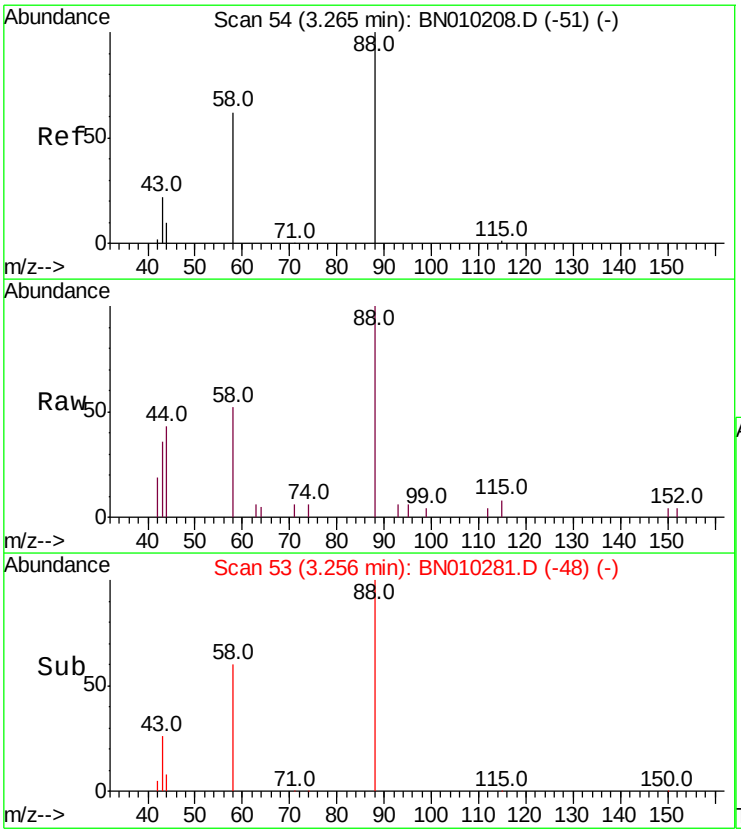
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3875

Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	53.9	50.9	76.3

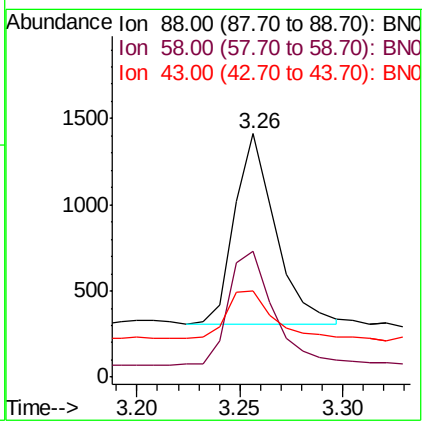


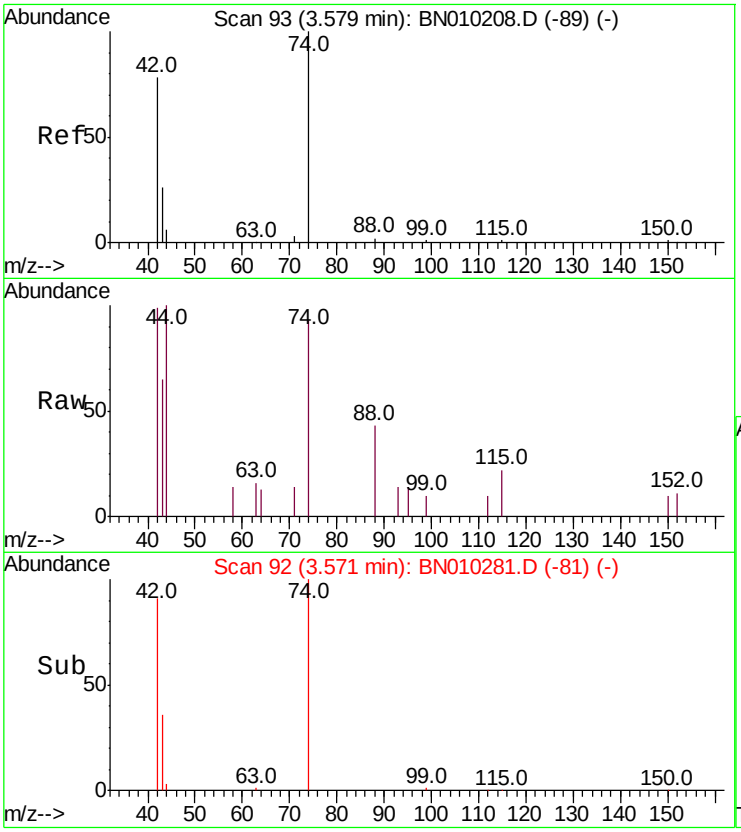


#2
1,4-Dioxane
Concen: 0.399 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion: 88 Resp: 1507

Ion	Ratio	Lower	Upper
88	100		
58	64.9	97.8	146.8#
43	27.1	45.1	67.7#



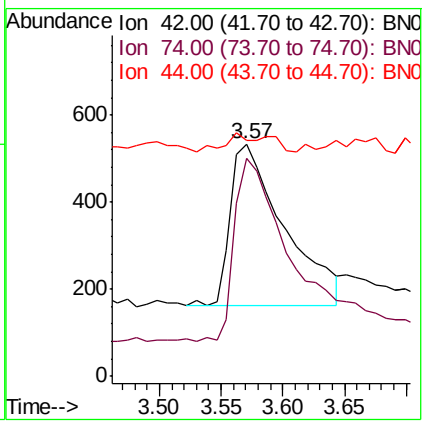


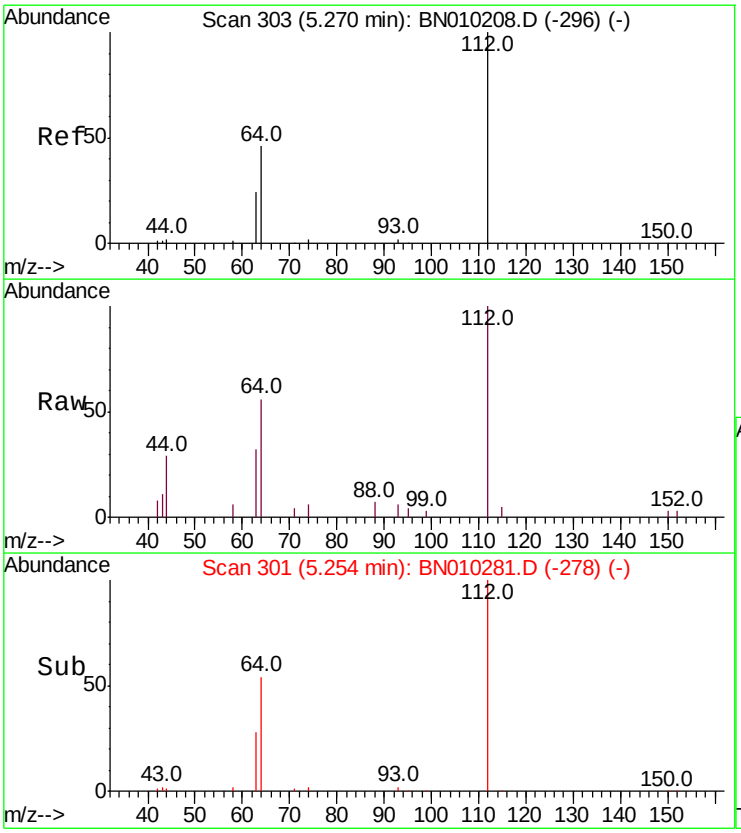
#3
n-Nitrosodimethylamine
Concen: 0.335 ng
RT: 3.57 min Scan# 92
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1121

Ion	Ratio	Lower	Upper
42	100		
74	113.4	51.2	76.8#
44	6.2	2.6	4.0#

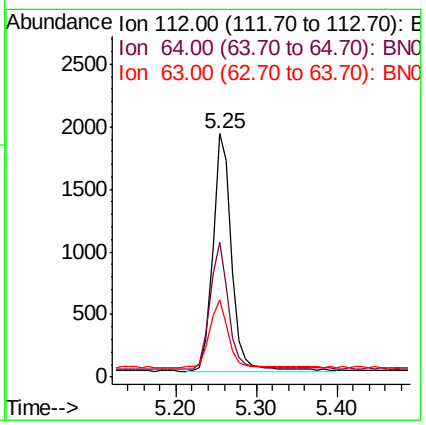


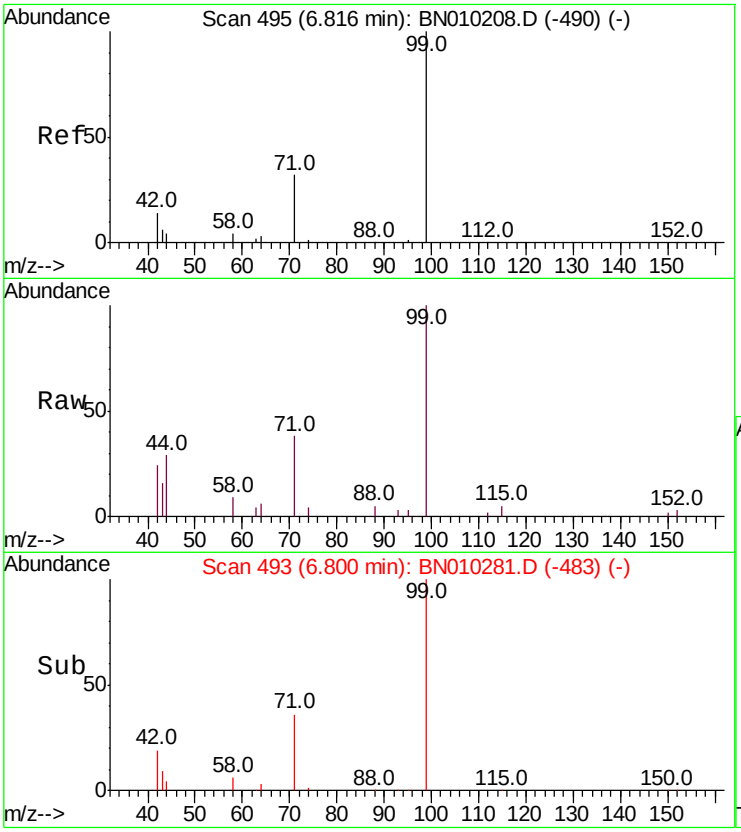


#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:112 Resp: 3026

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.6	63.8
63	27.9	23.6	35.4



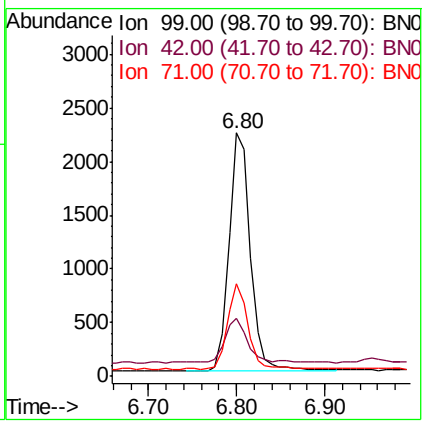


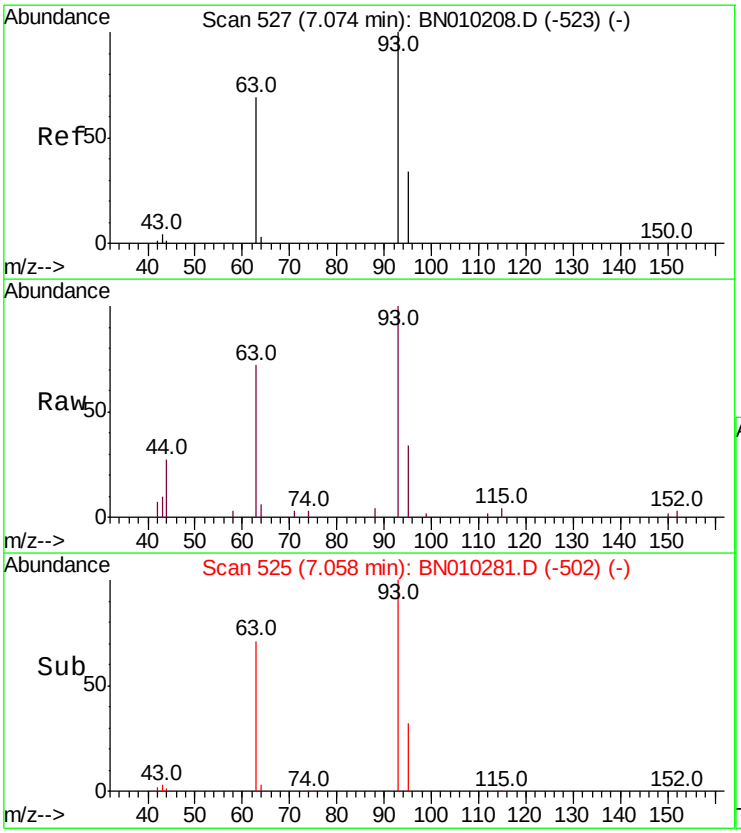
#5
Phenol-d6
Concen: 0.329 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3739

Ion	Ratio	Lower	Upper
99	100		
42	19.1	12.0	18.0#
71	35.5	22.6	33.8#

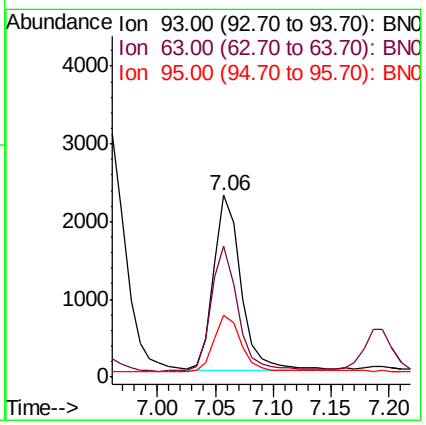


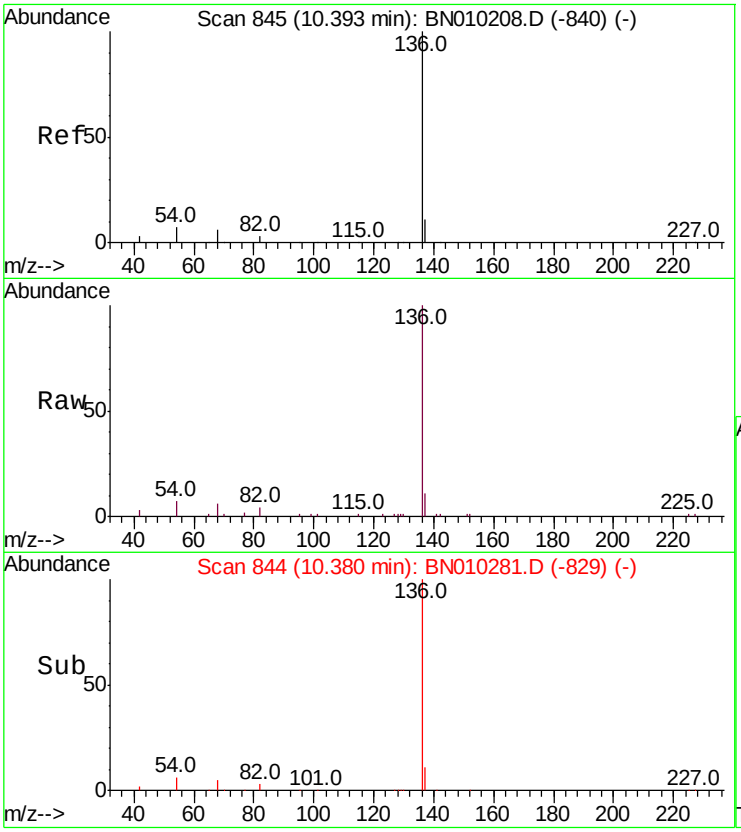


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion: 93 Resp: 3782

Ion	Ratio	Lower	Upper
93	100		
63	68.7	53.4	80.0
95	32.5	28.6	42.8



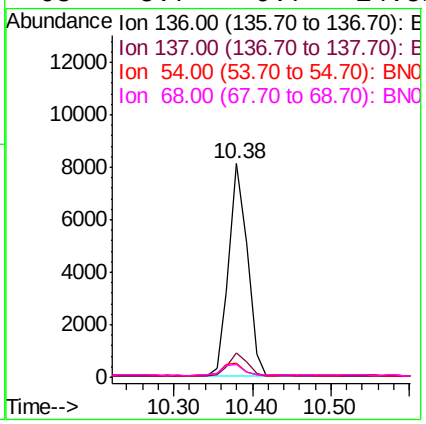


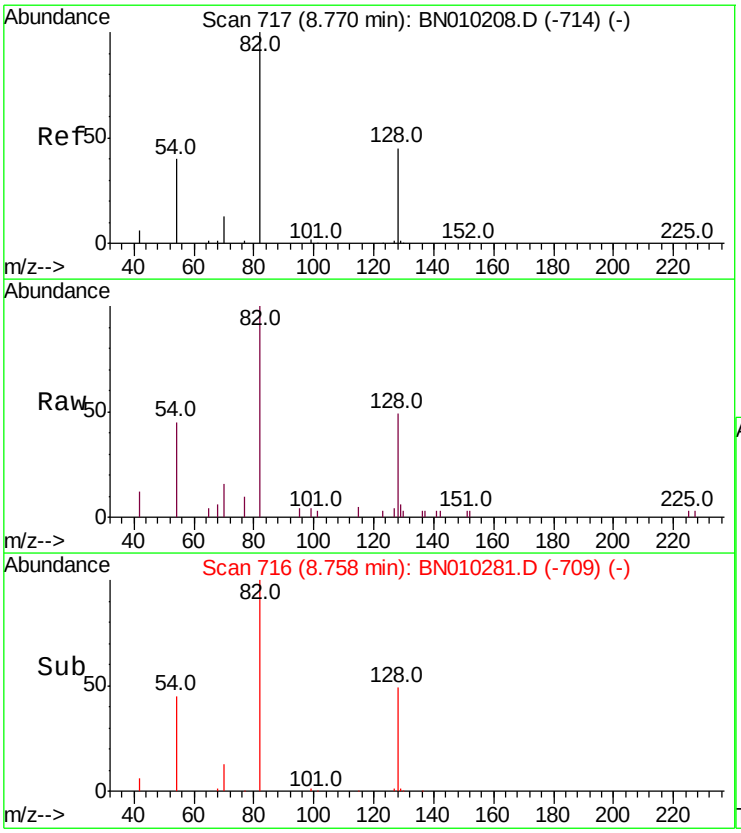
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13408

Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.6	15.8
54	6.7	9.5	14.3#
68	5.7	9.7	14.5#

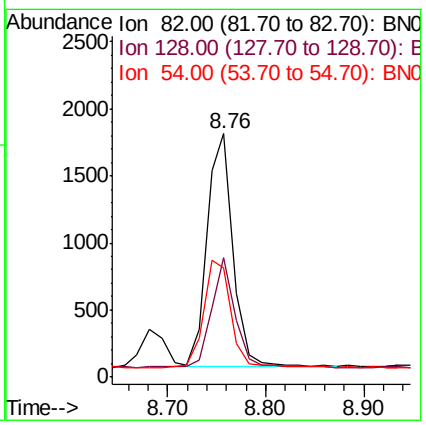


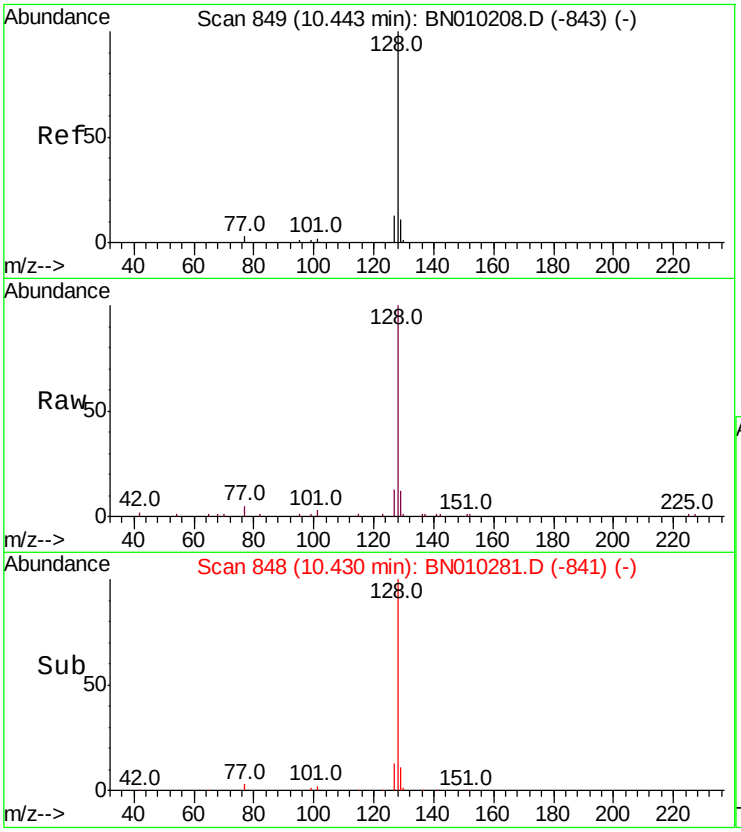


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion: 82 Resp: 3181

Ion	Ratio	Lower	Upper
82	100		
128	48.9	35.0	52.6
54	44.7	37.0	55.4



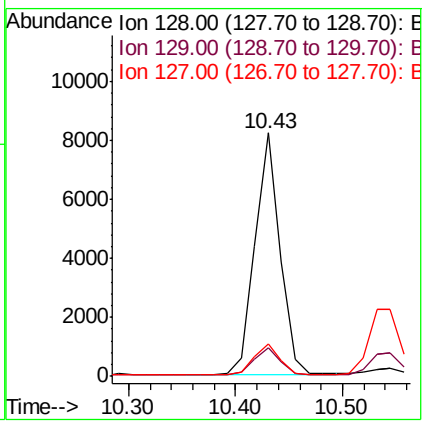


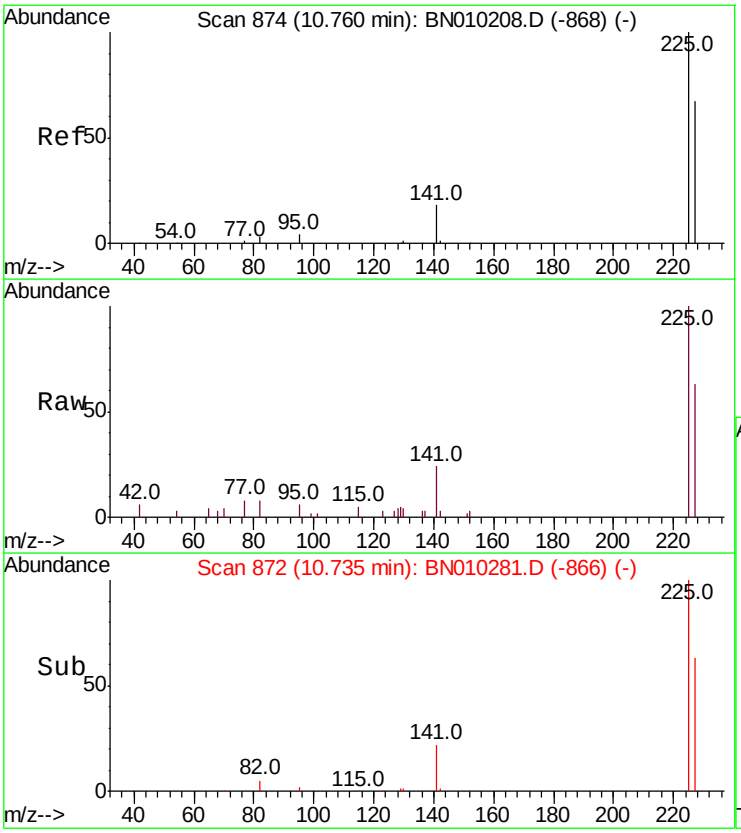
#9
Naphthalene
Concen: 0.396 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13309

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.5	15.7
127	13.4	12.1	18.1

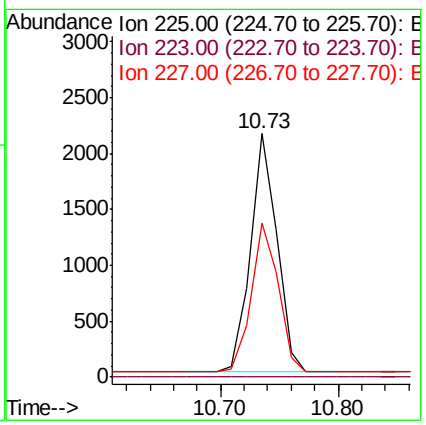


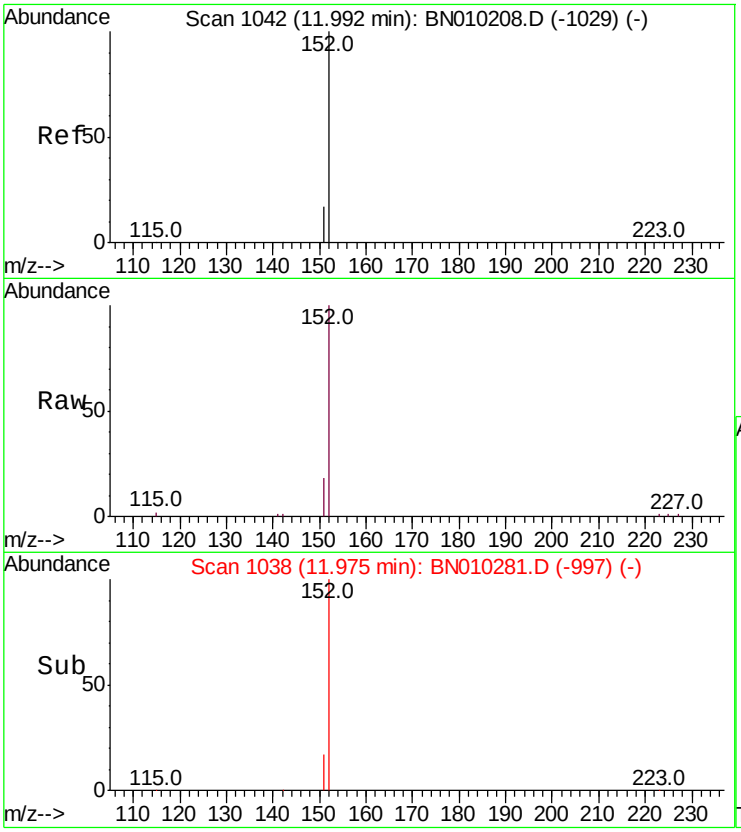


#10
Hexachlorobutadiene
Concen: 0.431 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.03 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:225 Resp: 3331

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	53.4	80.2



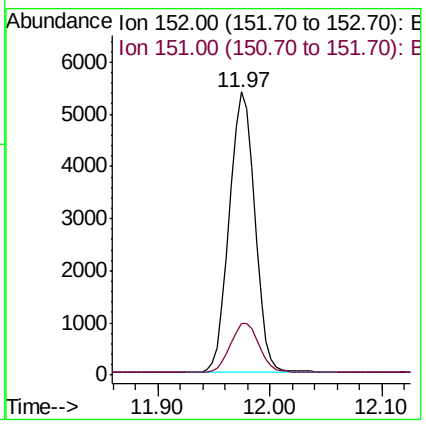


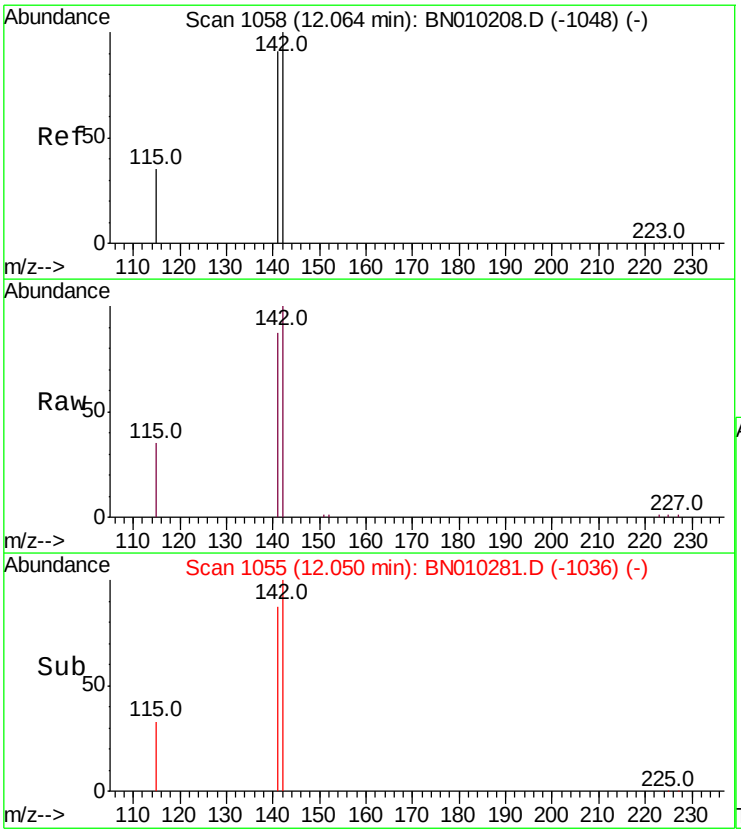
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8459

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.0	22.6

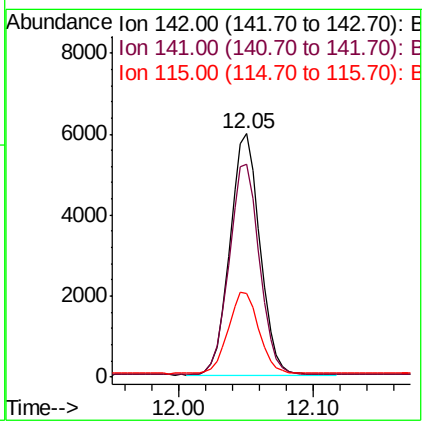


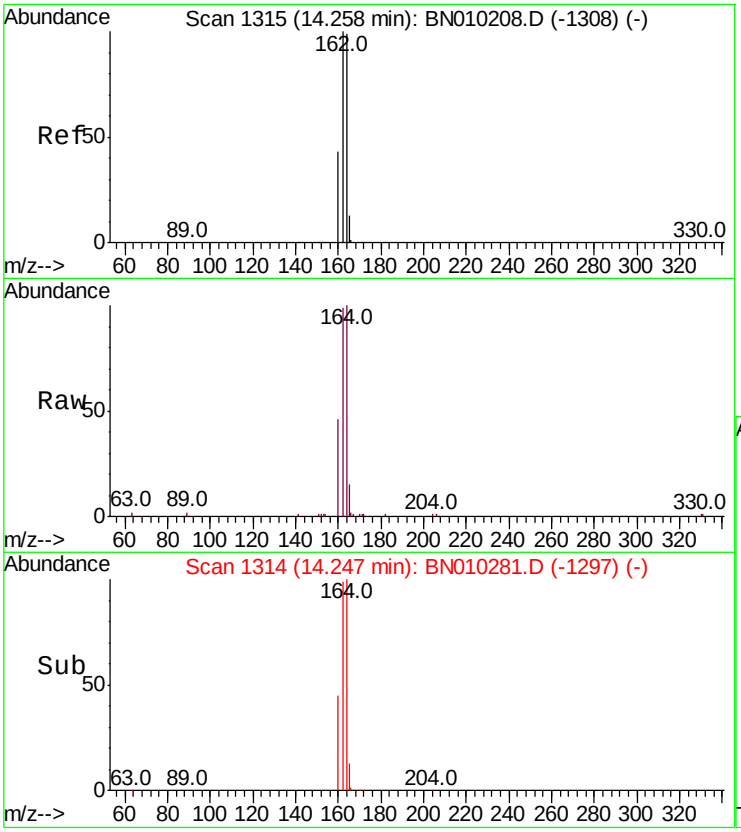


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:142 Resp: 9239

Ion	Ratio	Lower	Upper
142	100		
141	87.4	73.7	110.5
115	34.5	31.2	46.8



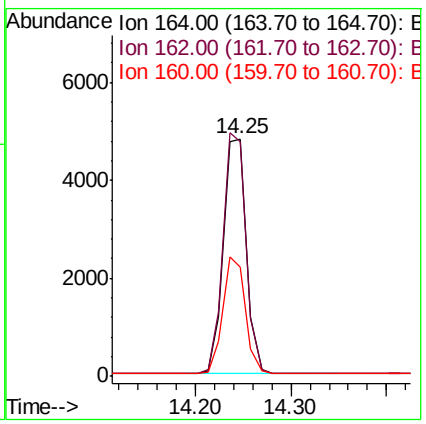


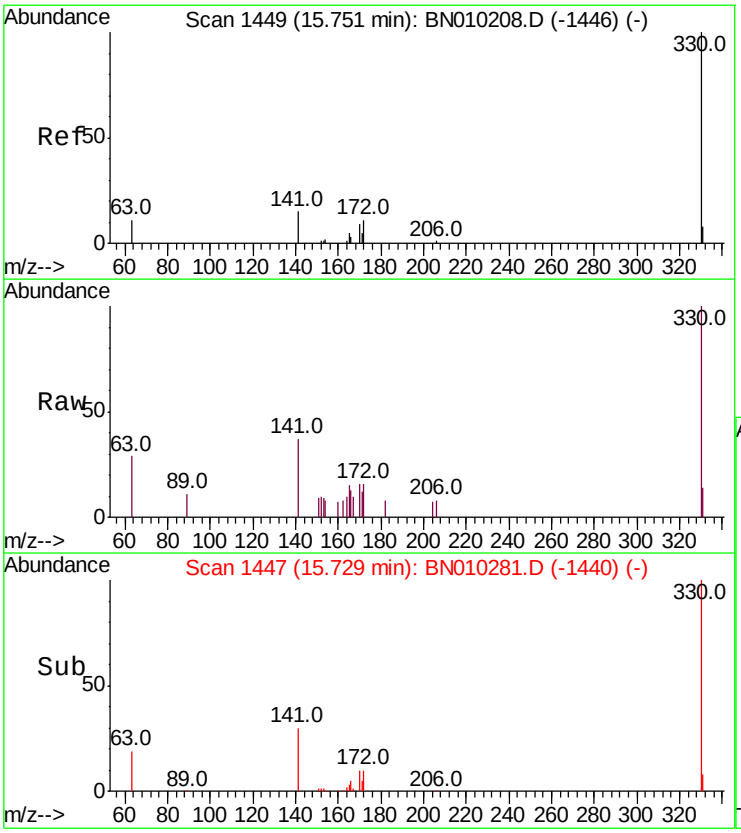
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8055

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.0	121.4
160	45.9	35.6	53.4

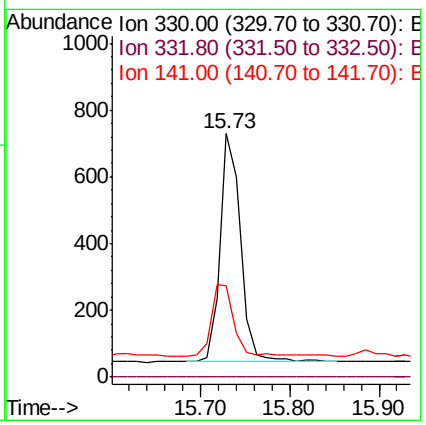


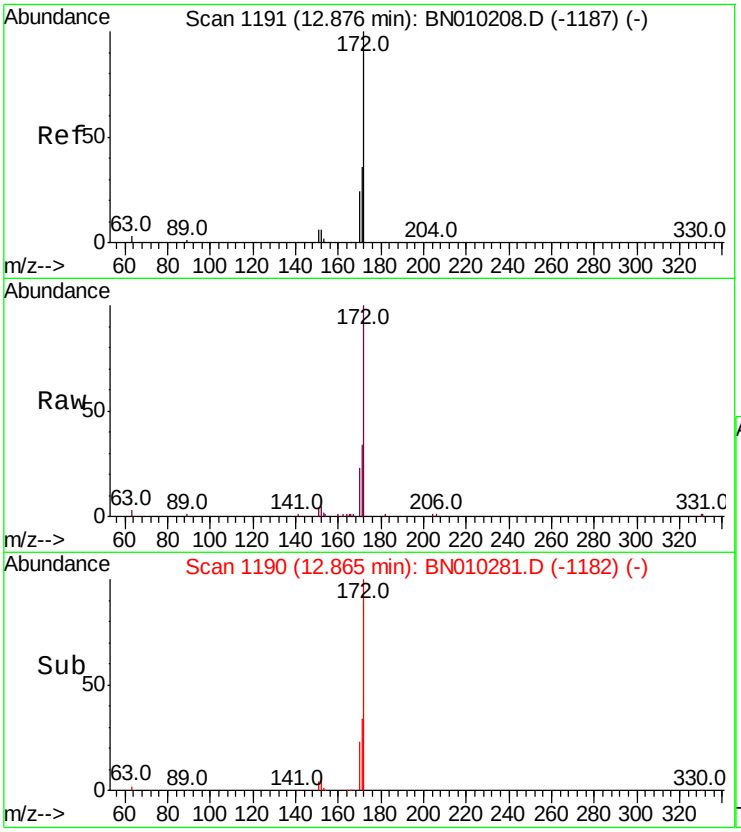


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:330 Resp: 1089

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.7	25.1	37.7



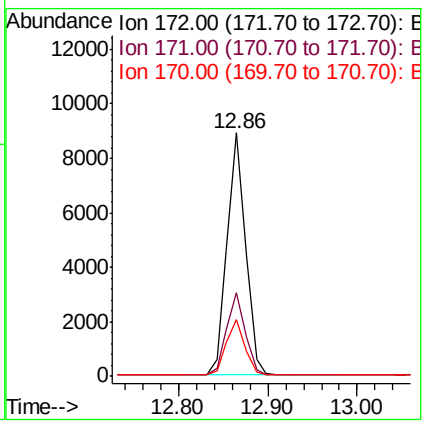


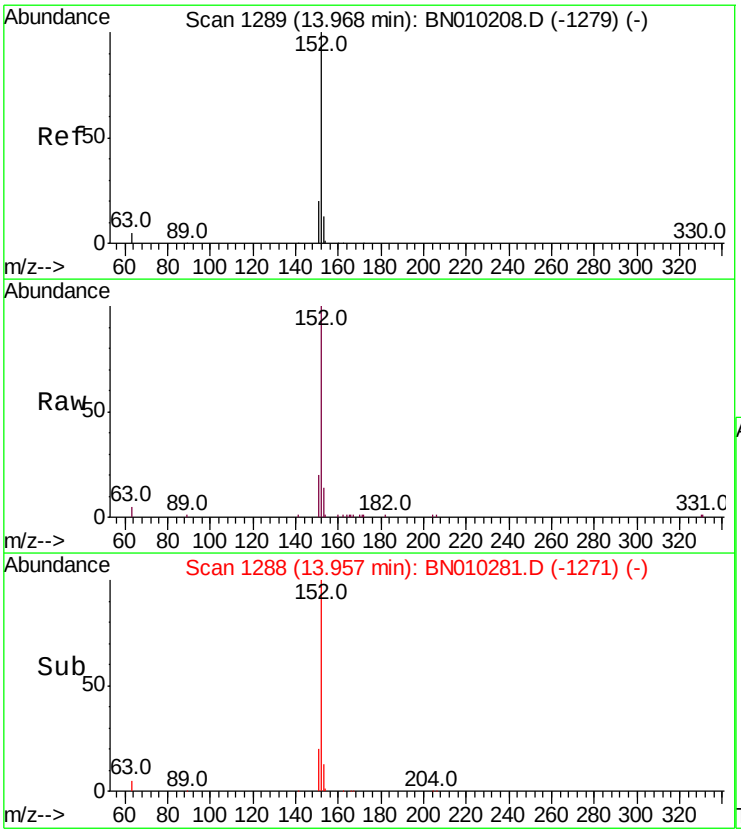
#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12780

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.4	44.2
170	23.1	20.2	30.4

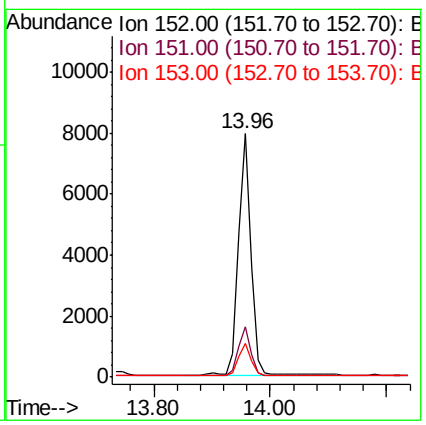


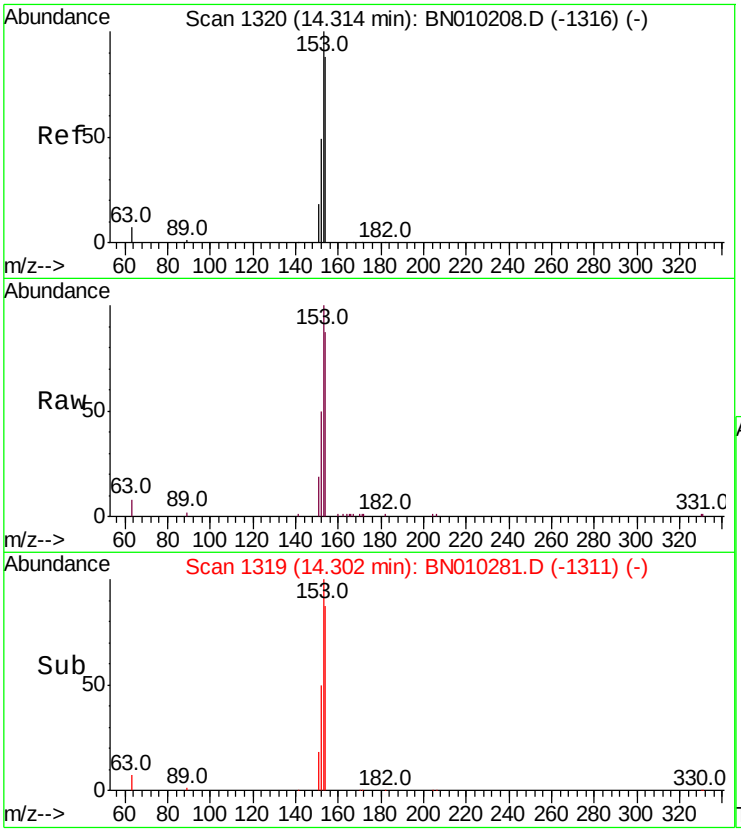


#16
Acenaphthylene
Concen: 0.323 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:152 Resp: 12024

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.0	10.6	16.0



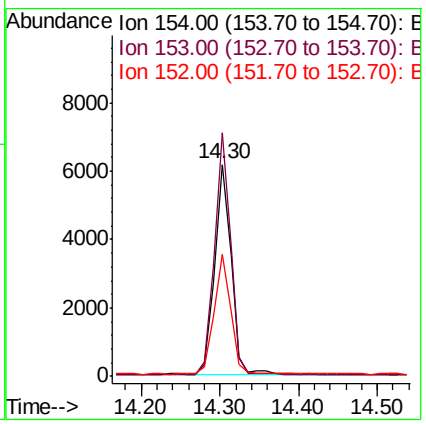


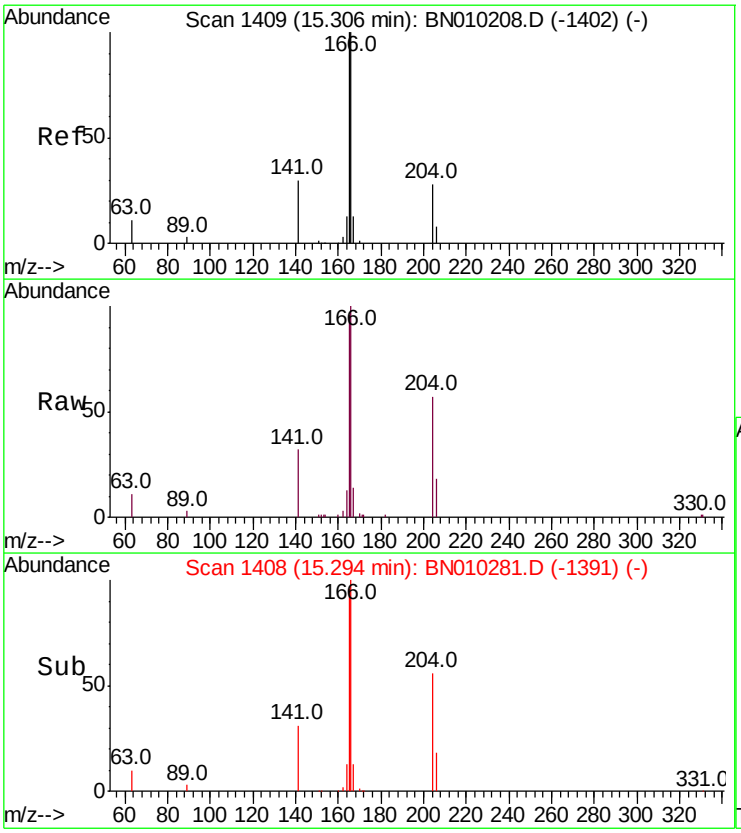
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8957

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.3	135.5
152	56.9	42.9	64.3

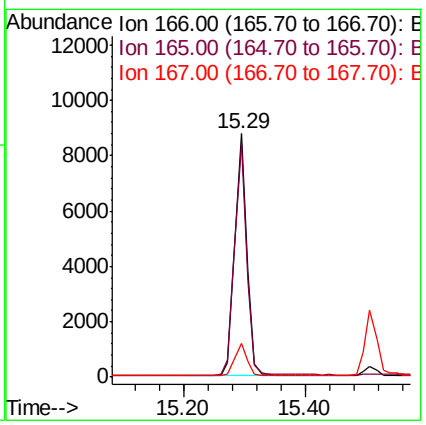


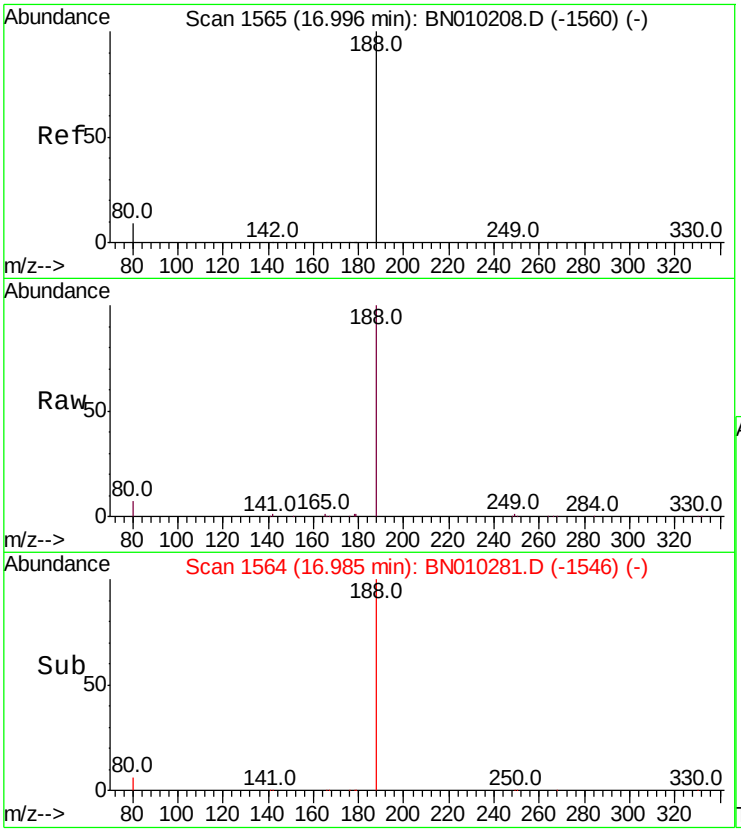


#18
Fluorene
Concen: 0.390 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:166 Resp: 11989

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.3	117.5
167	13.3	10.7	16.1



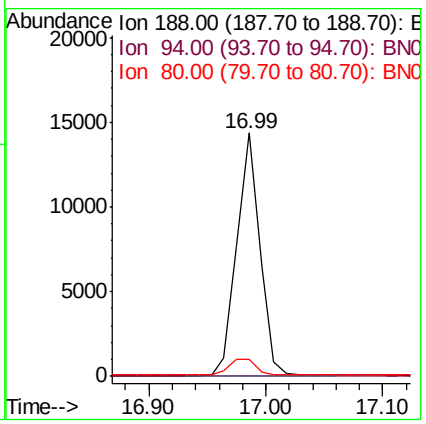


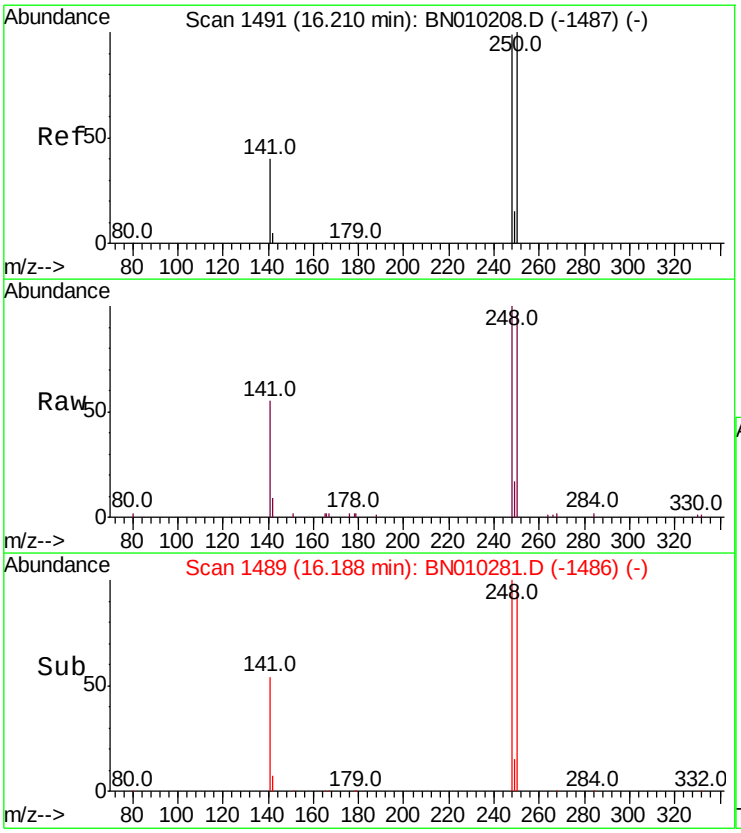
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19406

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	8.6	12.8#

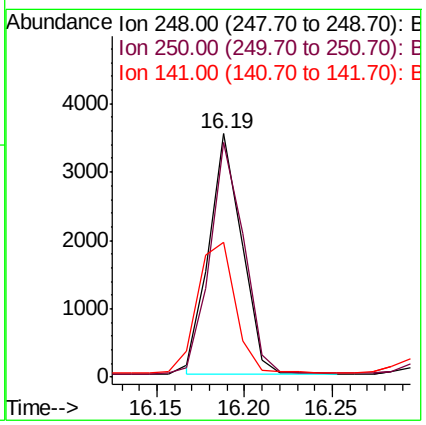


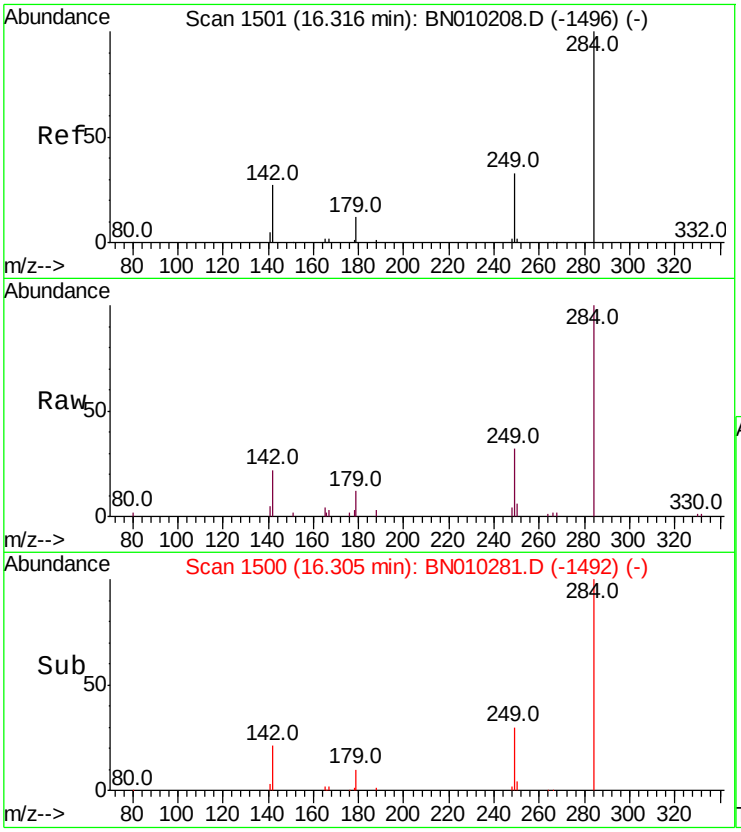


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:248 Resp: 4525

Ion	Ratio	Lower	Upper
248	100		
250	96.2	81.2	121.8
141	55.3	36.7	55.1#



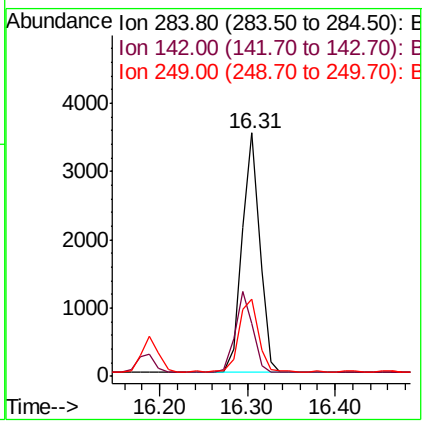


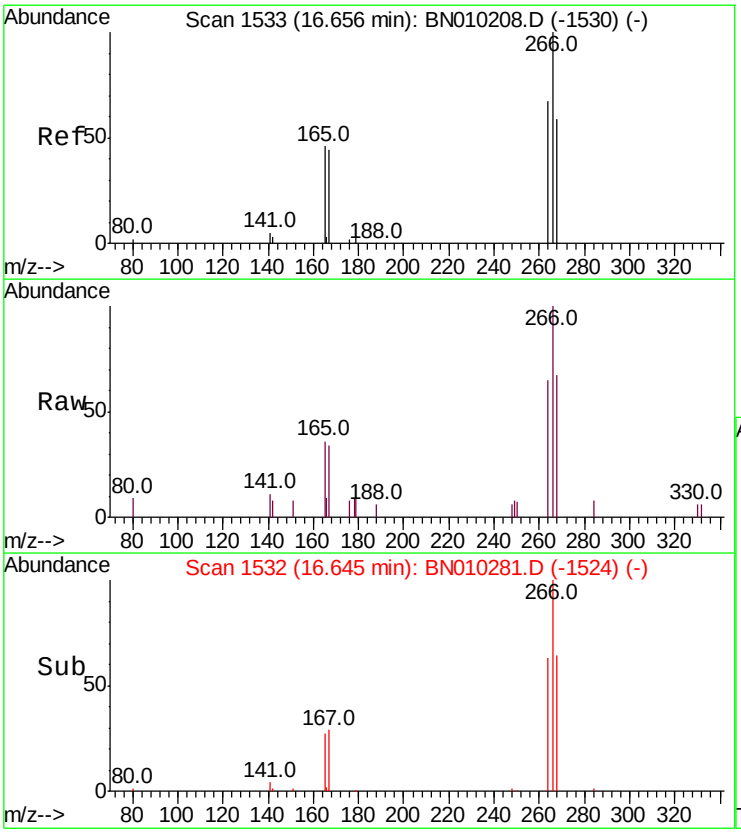
#21
Hexachlorobenzene
Concen: 0.449 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4888

Ion	Ratio	Lower	Upper
284	100		
142	33.6	27.8	41.6
249	33.3	26.6	39.8

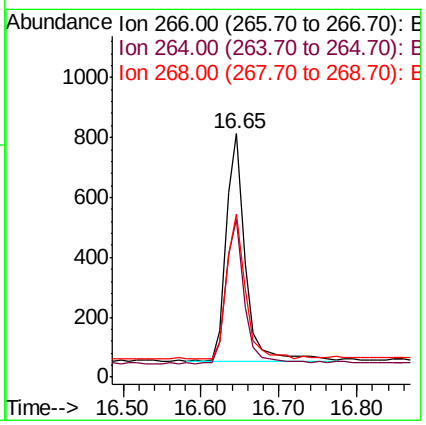


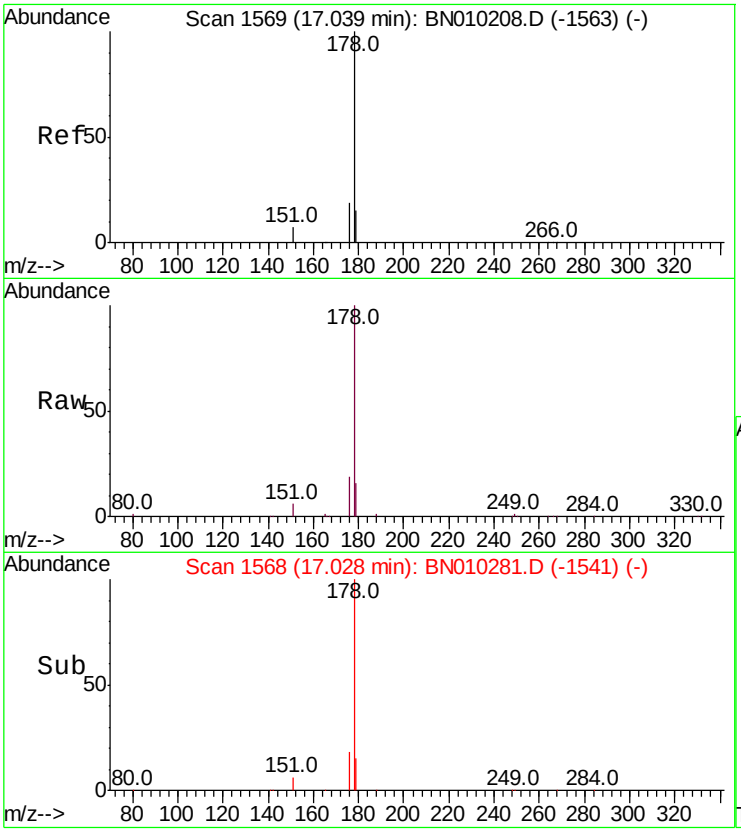


#22
Pentachlorophenol
Concen: 0.383 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:266 Resp: 1288

Ion	Ratio	Lower	Upper
266	100		
264	64.7	56.2	84.2
268	67.2	61.4	92.2



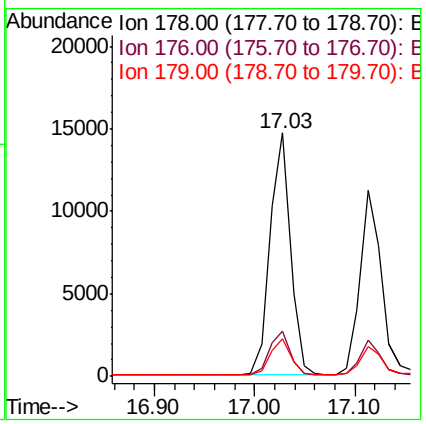


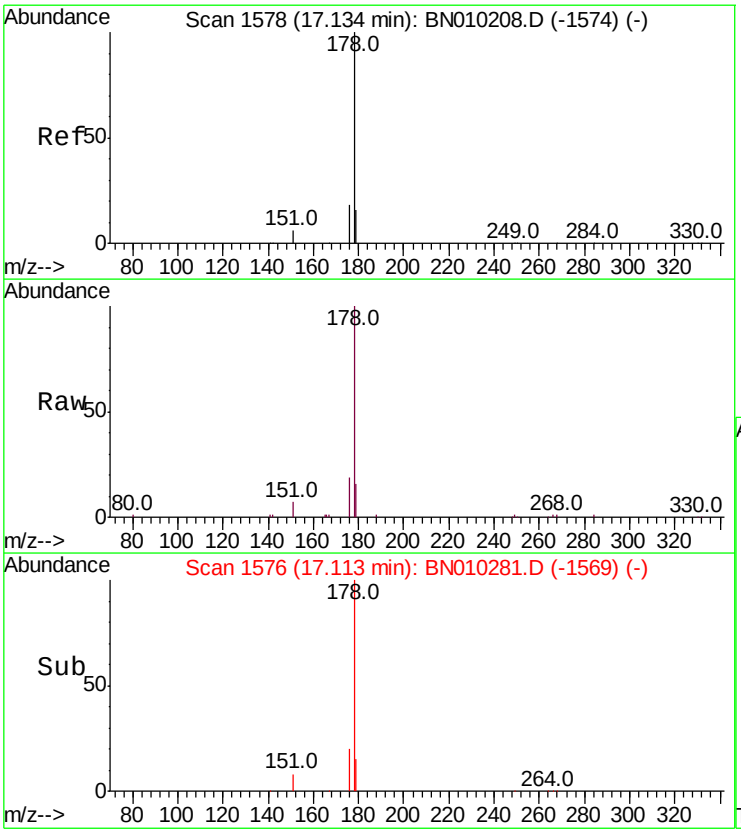
#23
Phenanthrene
Concen: 0.403 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 20749

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.5	18.7

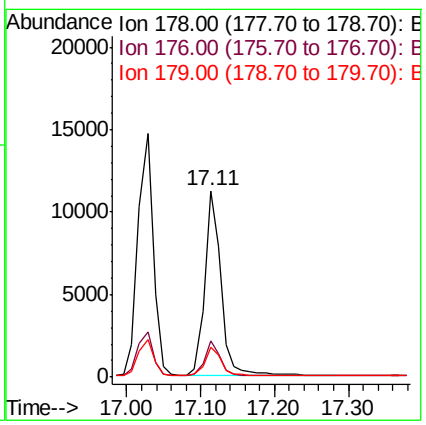


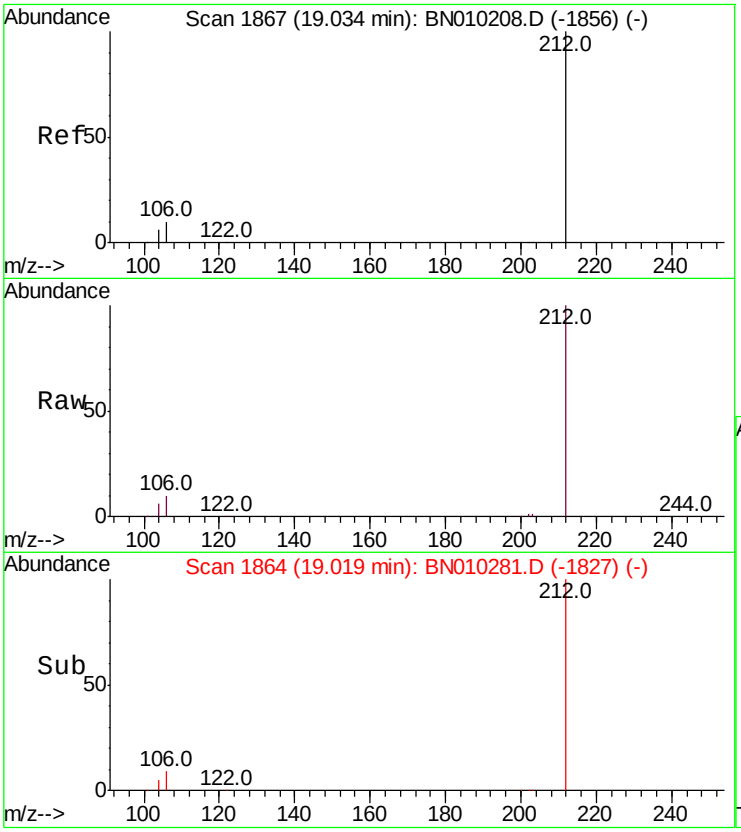


#24
Anthracene
Concen: 0.330 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:178 Resp: 16920

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.8	12.5	18.7



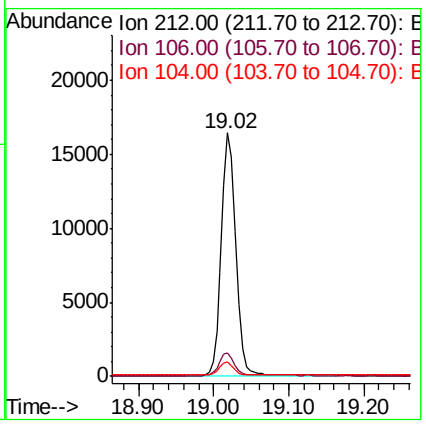


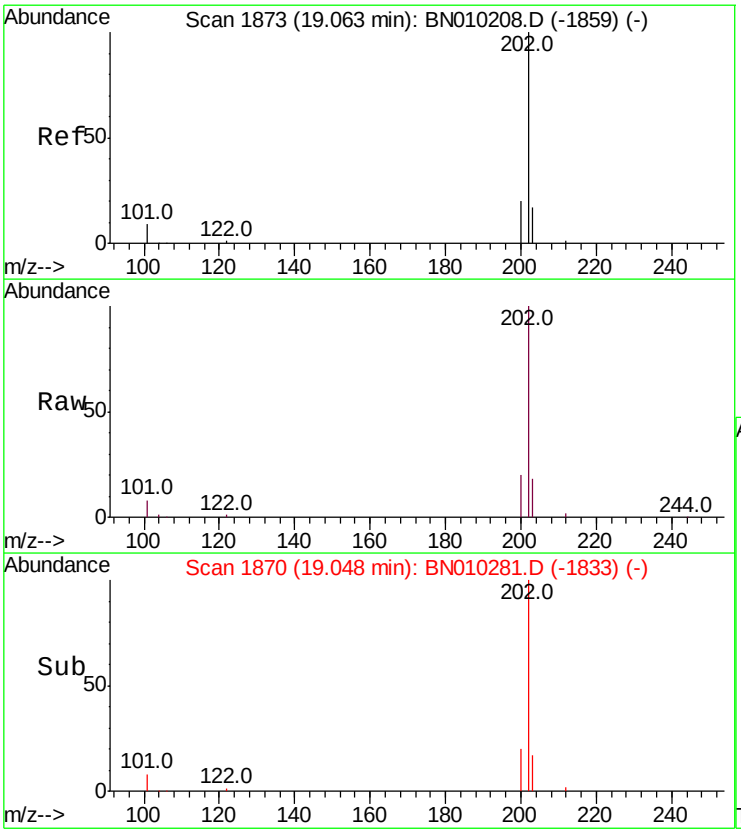
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 22028

Ion	Ratio	Lower	Upper
212	100		
106	9.4	8.1	12.1
104	5.3	4.7	7.1

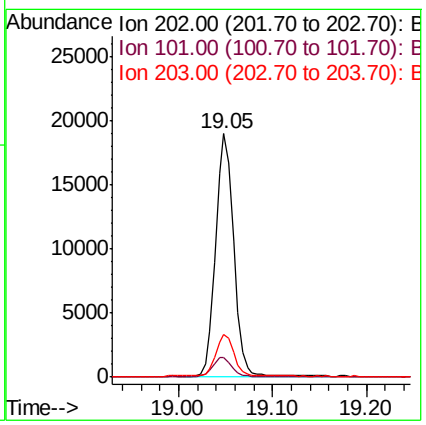


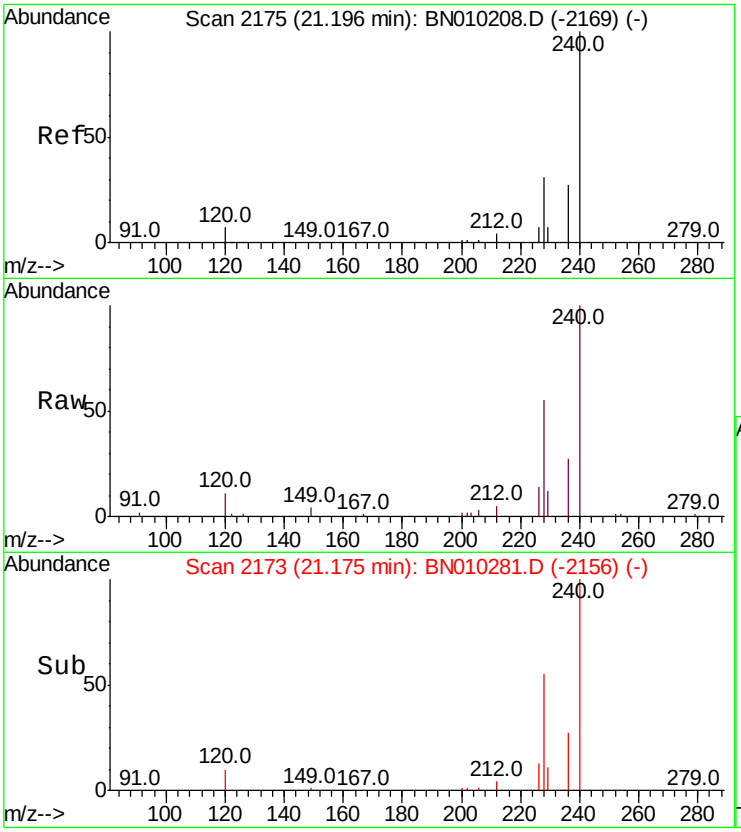


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:202 Resp: 25006

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.6
203	17.2	13.9	20.9



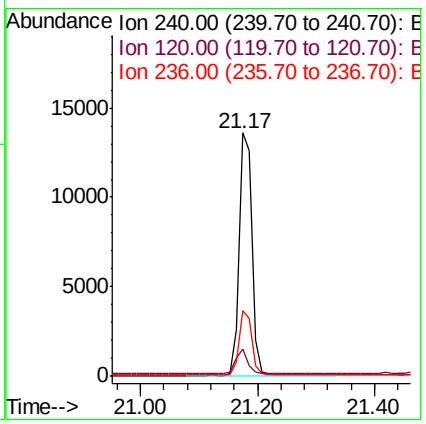


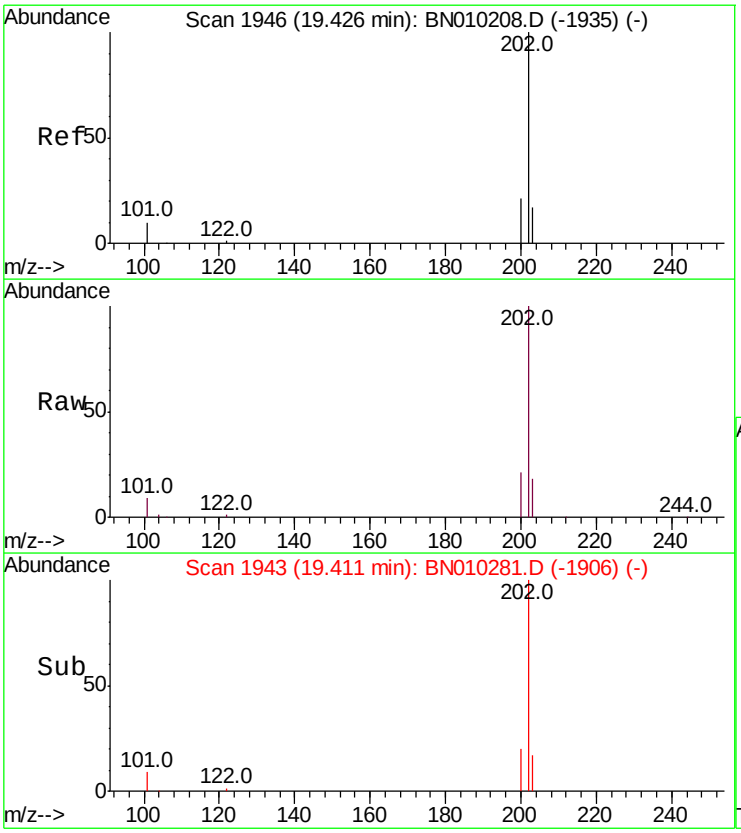
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 20041

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.7	11.5
236	27.2	21.8	32.6

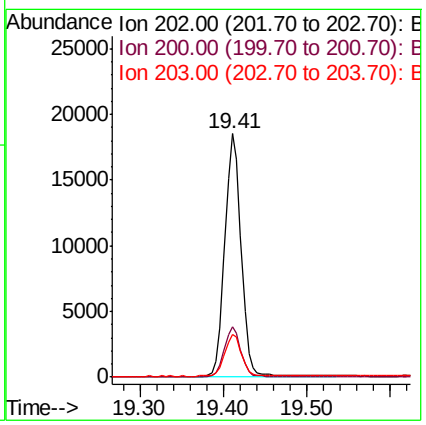


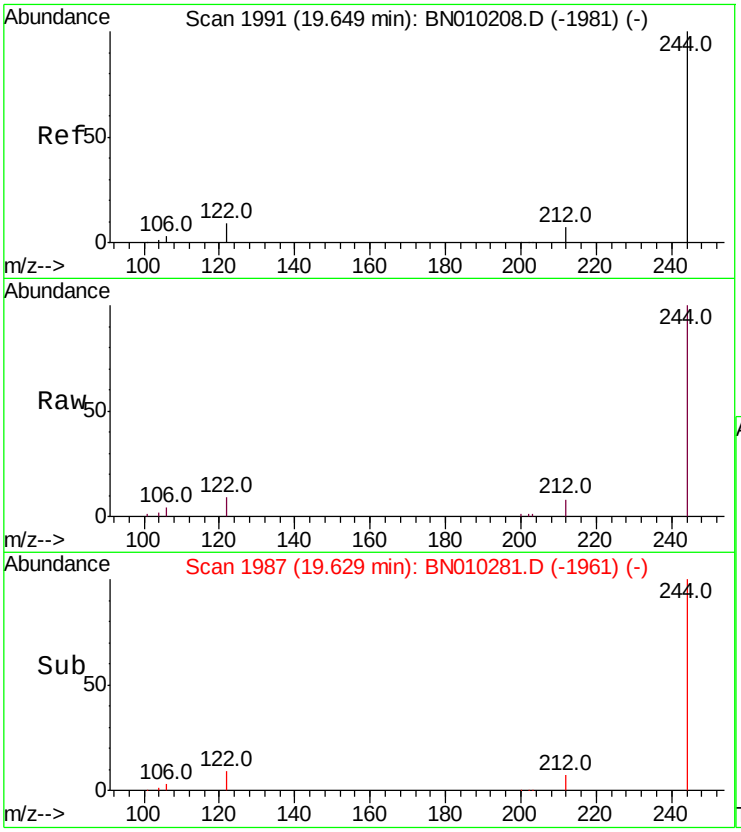


#28
Pyrene
Concen: 0.372 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:202 Resp: 24933

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.8	14.1	21.1



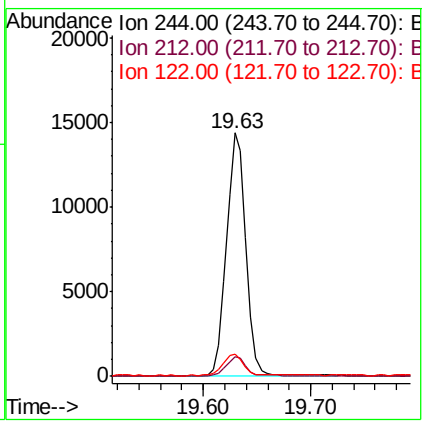


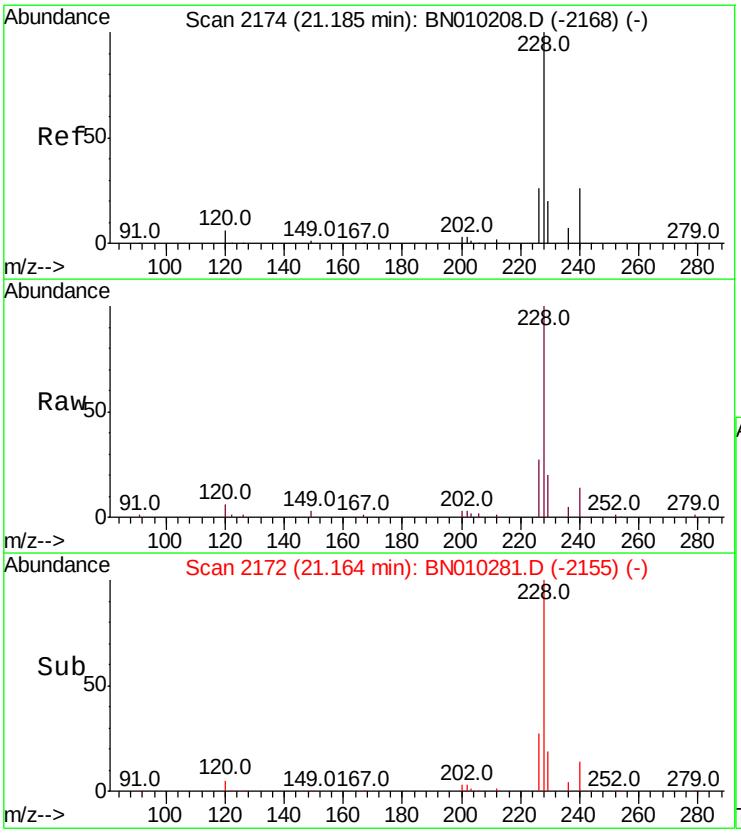
#29
Terphenyl-d14
Concen: 0.389 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17780

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	9.4	8.1	12.1

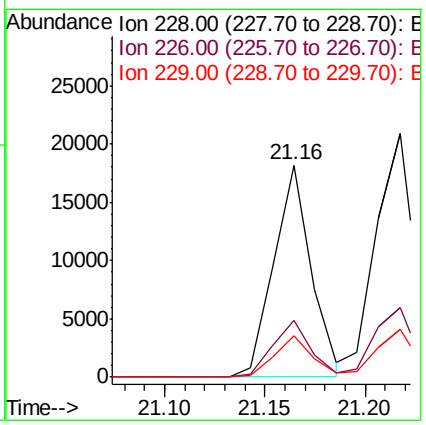


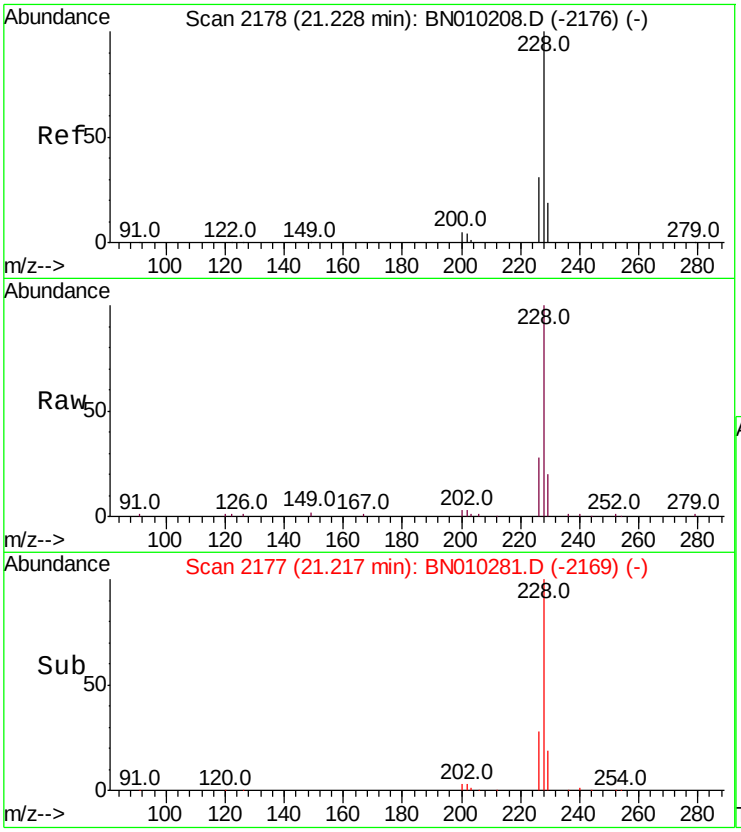


#30
Benzo(a)anthracene
Concen: 0.343 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:228 Resp: 23364

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.1	31.7
229	19.7	16.2	24.4



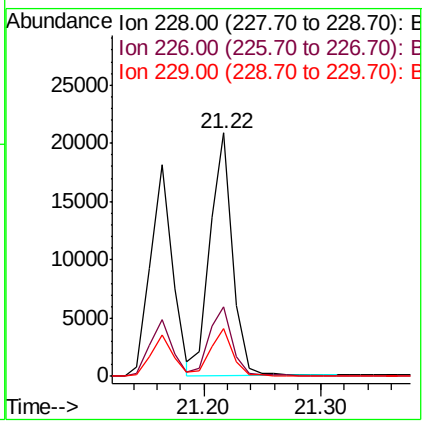


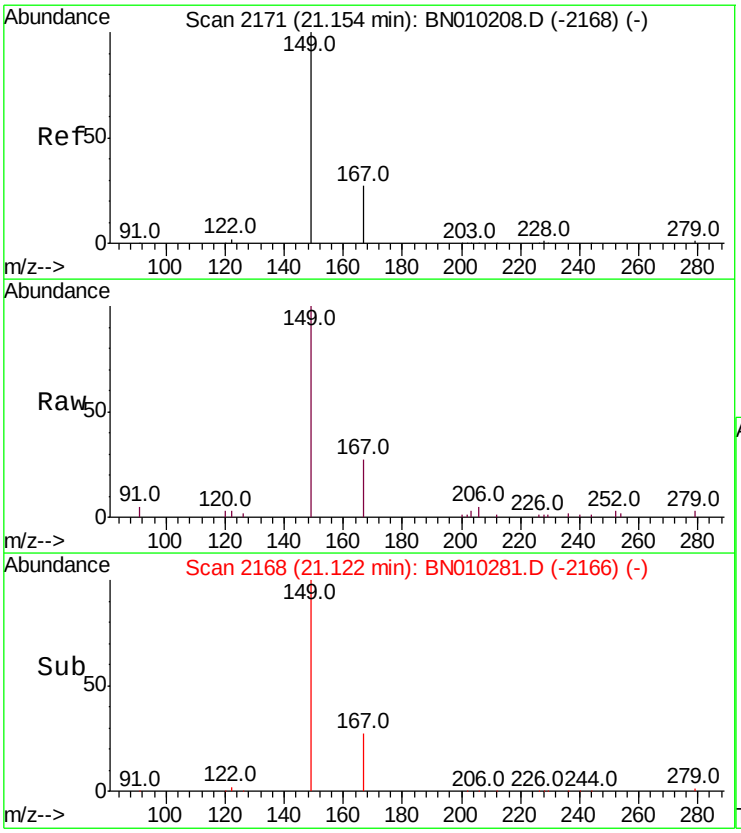
#31
Chrysene
Concen: 0.413 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 27722

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.4
229	19.7	15.7	23.5

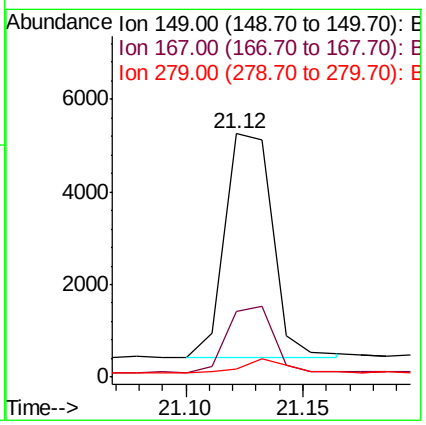


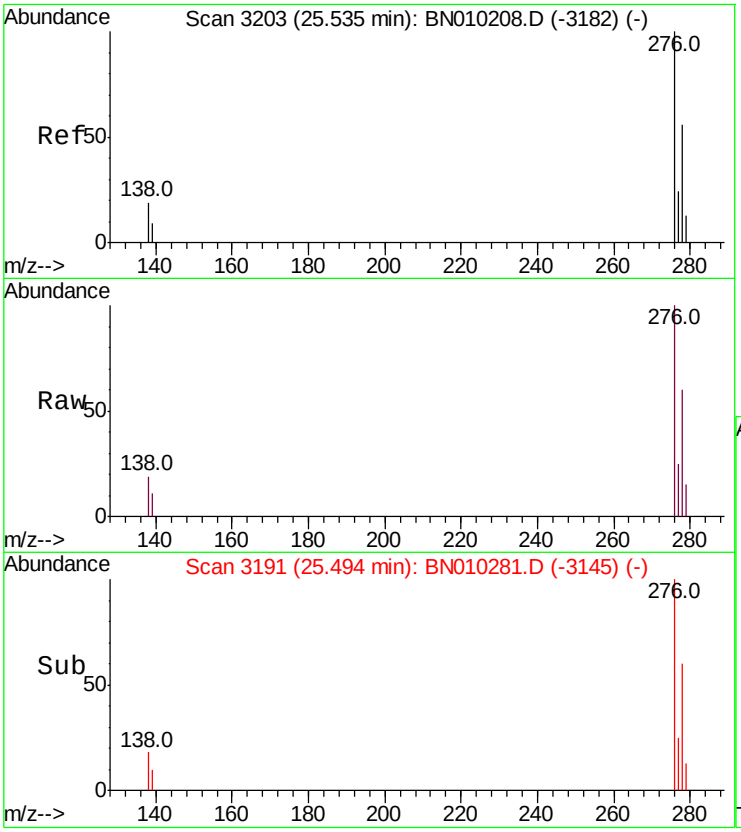


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.235 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:149 Resp: 6818

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.0	31.4
279	5.0	3.1	4.7#



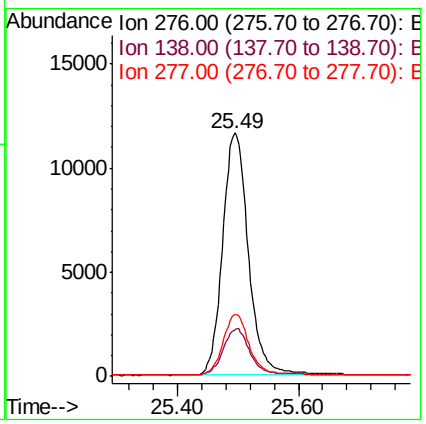


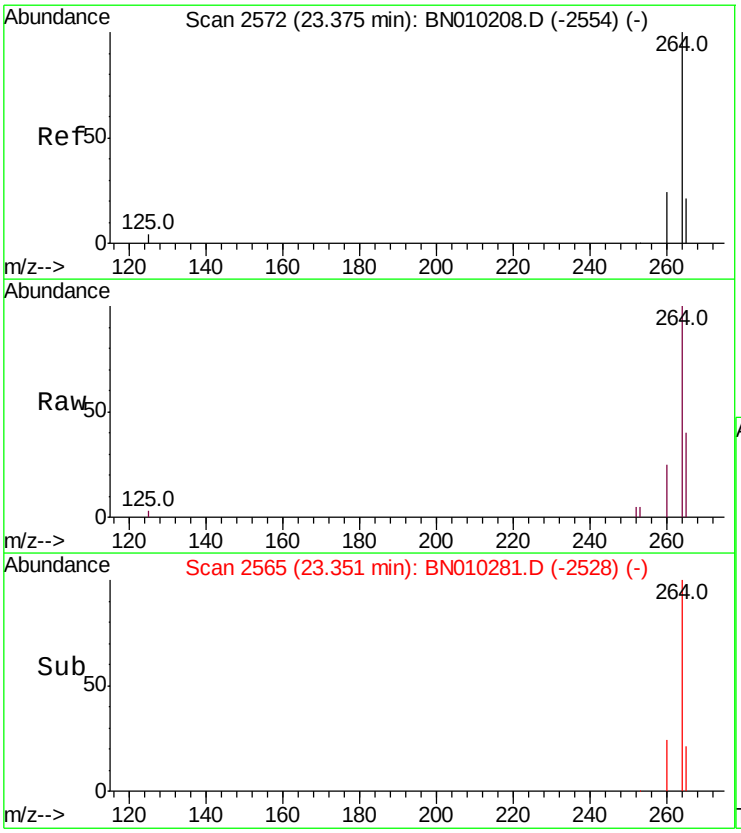
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 25.49 min Scan# 3191
Delta R.T. -0.04 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 34648

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.8	23.6
277	24.7	19.3	28.9

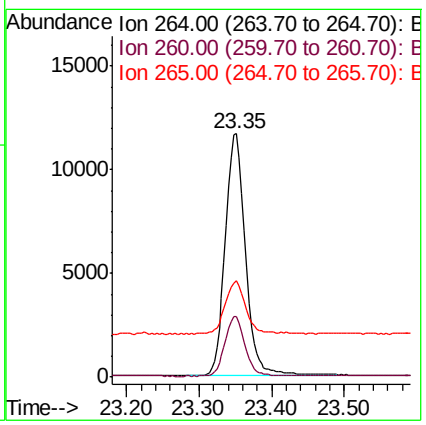


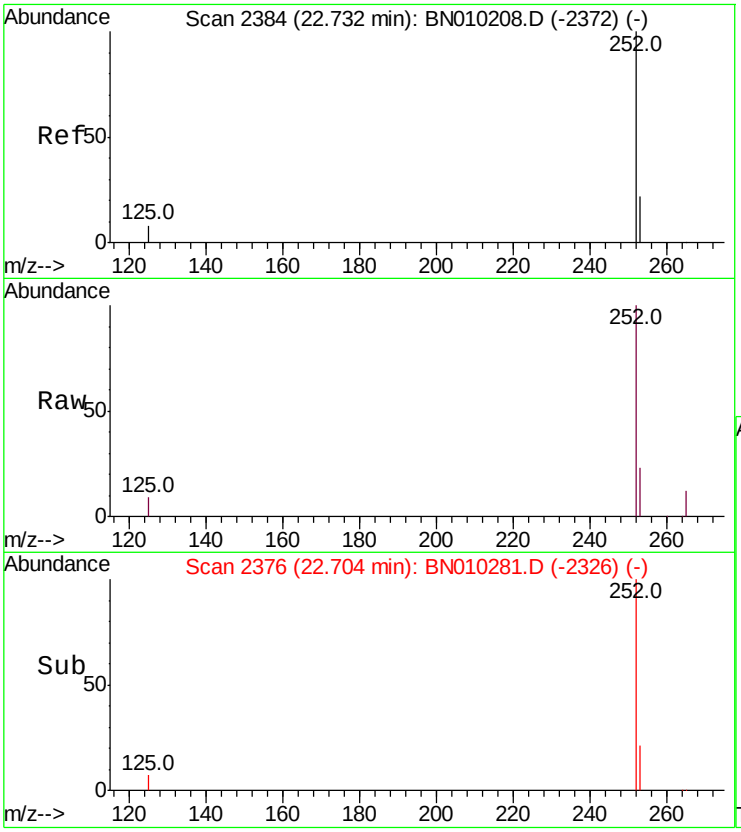


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:264 Resp: 22512

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	39.5	25.8	38.6#



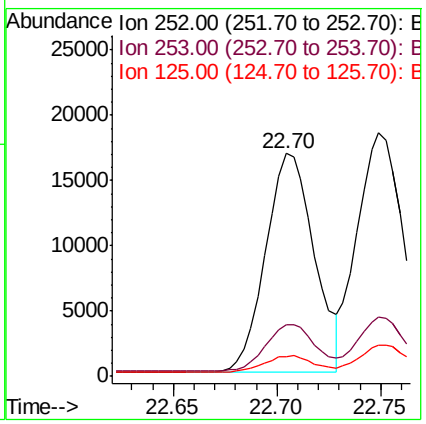


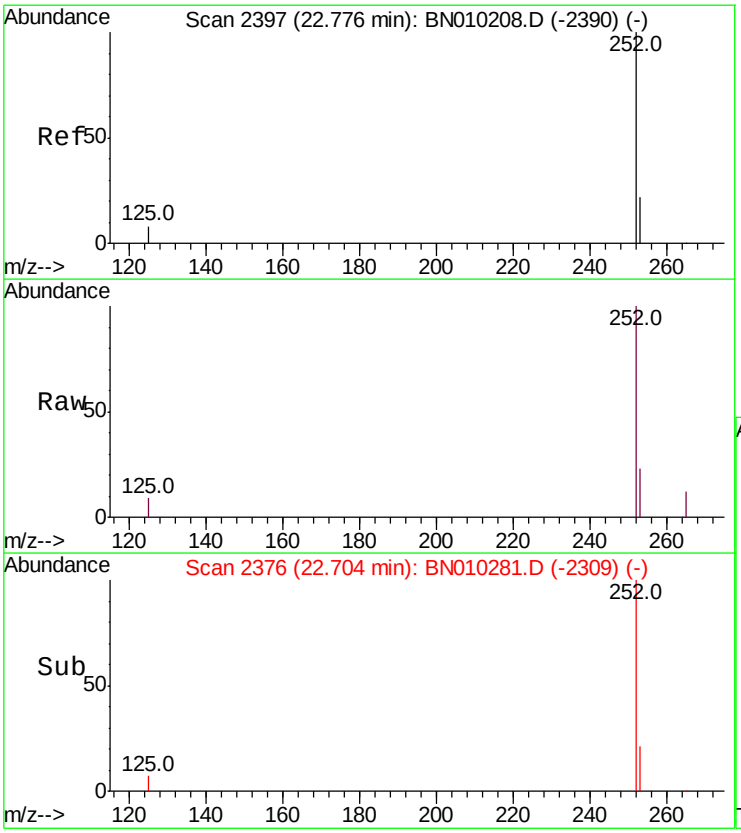
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.70 min Scan# 2376
Delta R.T. -0.03 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 27261

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	8.6	7.9	11.9

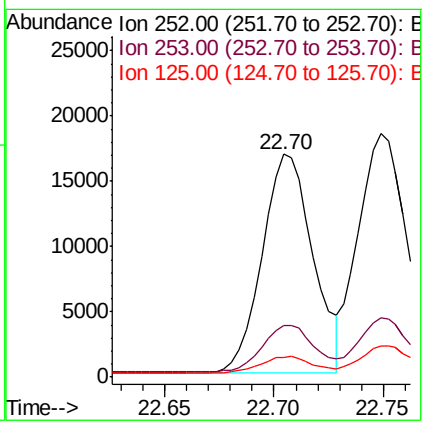


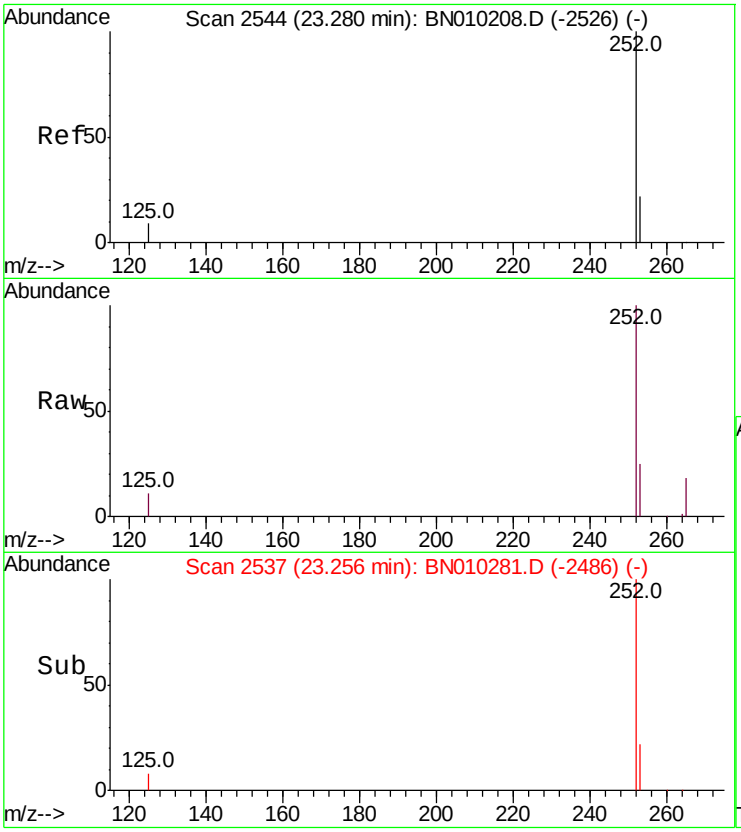


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.70 min Scan# 2376
Delta R.T. -0.07 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:252 Resp: 27255

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	8.6	8.2	12.4



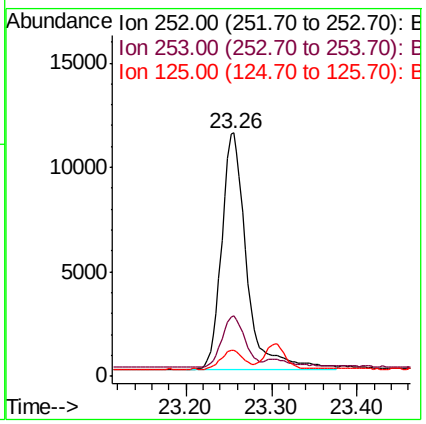


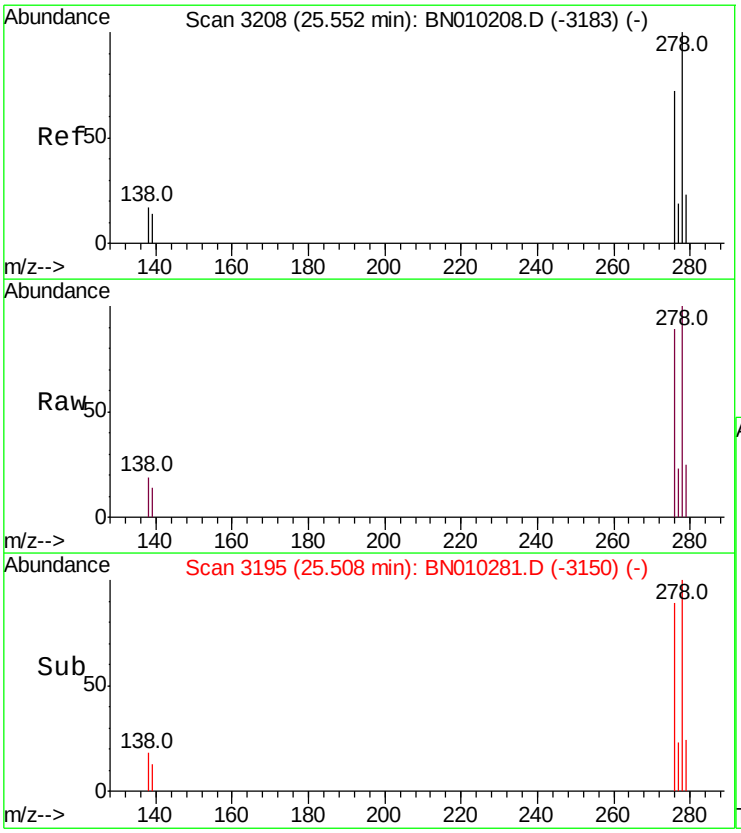
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 23179

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.1	28.7
125	10.6	9.2	13.8

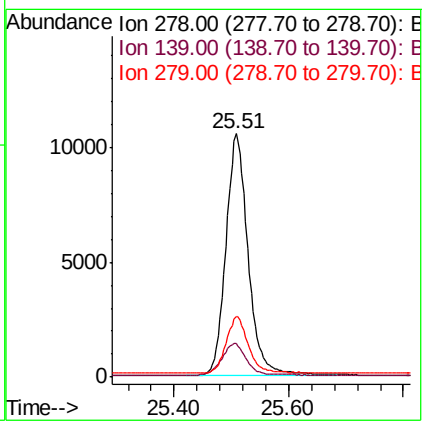


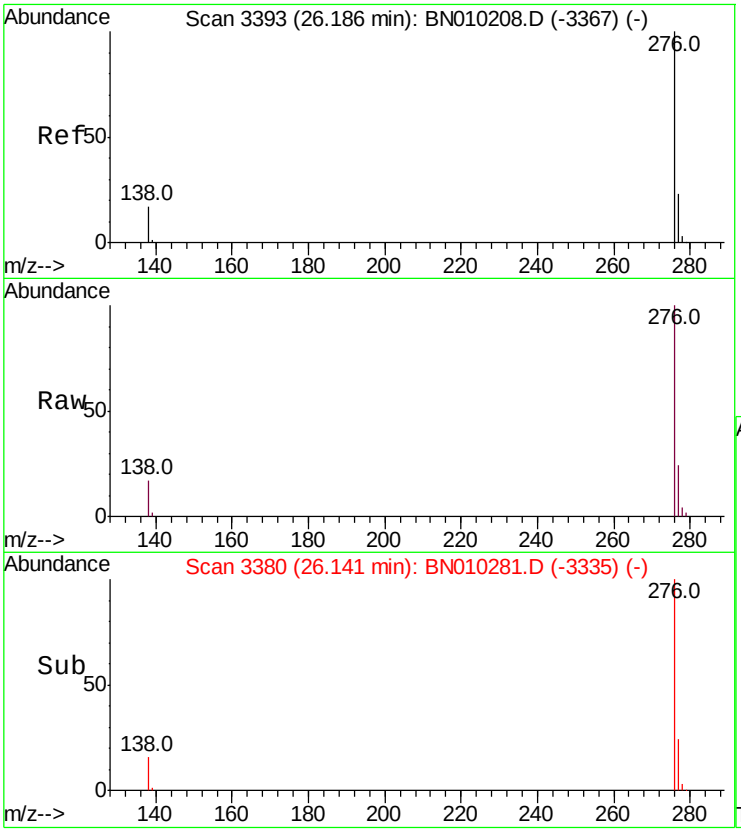


#38
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.04 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:278 Resp: 28615

Ion	Ratio	Lower	Upper
278	100		
139	13.9	12.4	18.6
279	25.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.14 min Scan# 3380
Delta R.T. -0.04 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 26525

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	16.5	15.4	23.2