Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010208.D
Acq On : 13 Mar 2020 19:47
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 01:40:10 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 01:33:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	2955	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	10850	0.40	ng		0.00
13) Acenaphthene-d10	14.26	164	7151	0.40	ng		0.00
19) Phenanthrene-d10	17.00	188	16800	0.40	ng		0.00
27) Chrysene-d12	21.20	240	17801	0.40	ng		0.00
34) Perylene-d12	23.38	264	19955	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	2934	0.45	ng		0.00
5) Phenol-d6	6.82	99	3740	0.47	ng		0.00
8) Nitrobenzene-d5	8.77	82	2583	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	7029	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.75	330	1008	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	10361	0.38	ng		0.00
25) Fluoranthene-d10	19.03	212	20526	0.35	ng		0.00
29) Terphenyl-d14	19.65	244	16461	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1247	0.412	ng	#	100
3) n-Nitrosodimethylamine	3.58	42	918	0.185	ng	#	100
6) bis(2-Chloroethyl)ether	7.07	93	2854	0.367	ng		95
9) Naphthalene	10.44	128	10928	0.369	ng		100
10) Hexachlorobutadiene	10.76	225	2497	0.384	ng	#	100
12) 2-Methylnaphthalene	12.06	142	7802	0.385	ng		100
16) Acenaphthylene	13.97	152	13178	0.432	ng		100
17) Acenaphthene	14.31	154	7964	0.372	ng		100
18) Fluorene	15.31	166	10892	0.385	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	3861	0.330	ng		100
21) Hexachlorobenzene	16.32	284	3793	0.363	ng		100
22) Pentachlorophenol	16.66	266	1064	0.397	ng		100
23) Phenanthrene	17.04	178	18138	0.363	ng		100
24) Anthracene	17.13	178	18149	0.429	ng		100
26) Fluoranthene	19.06	202	23004	0.384	ng		100
28) Pyrene	19.43	202	23725	0.351	ng		100
30) Benzo(a)anthracene	21.19	228	23883	0.404	ng		100
31) Chrysene	21.23	228	23727	0.347	ng		100
32) Bis(2-ethylhexyl)phthalate	21.15	149	9645	0.335	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.54	276	28556	0.401	ng	#	100
35) Benzo(b)fluoranthene	22.73	252	24458	0.335	ng		100
36) Benzo(k)fluoranthene	22.78	252	24852	0.313	ng		100
37) Benzo(a)pyrene	23.28	252	23073	0.347	ng		100
38) Dibenzo(a,h)anthracene	25.55	278	23270	0.355	ng		100
39) Benzo(g,h,i)perylene	26.19	276	23306	0.334	ng		100

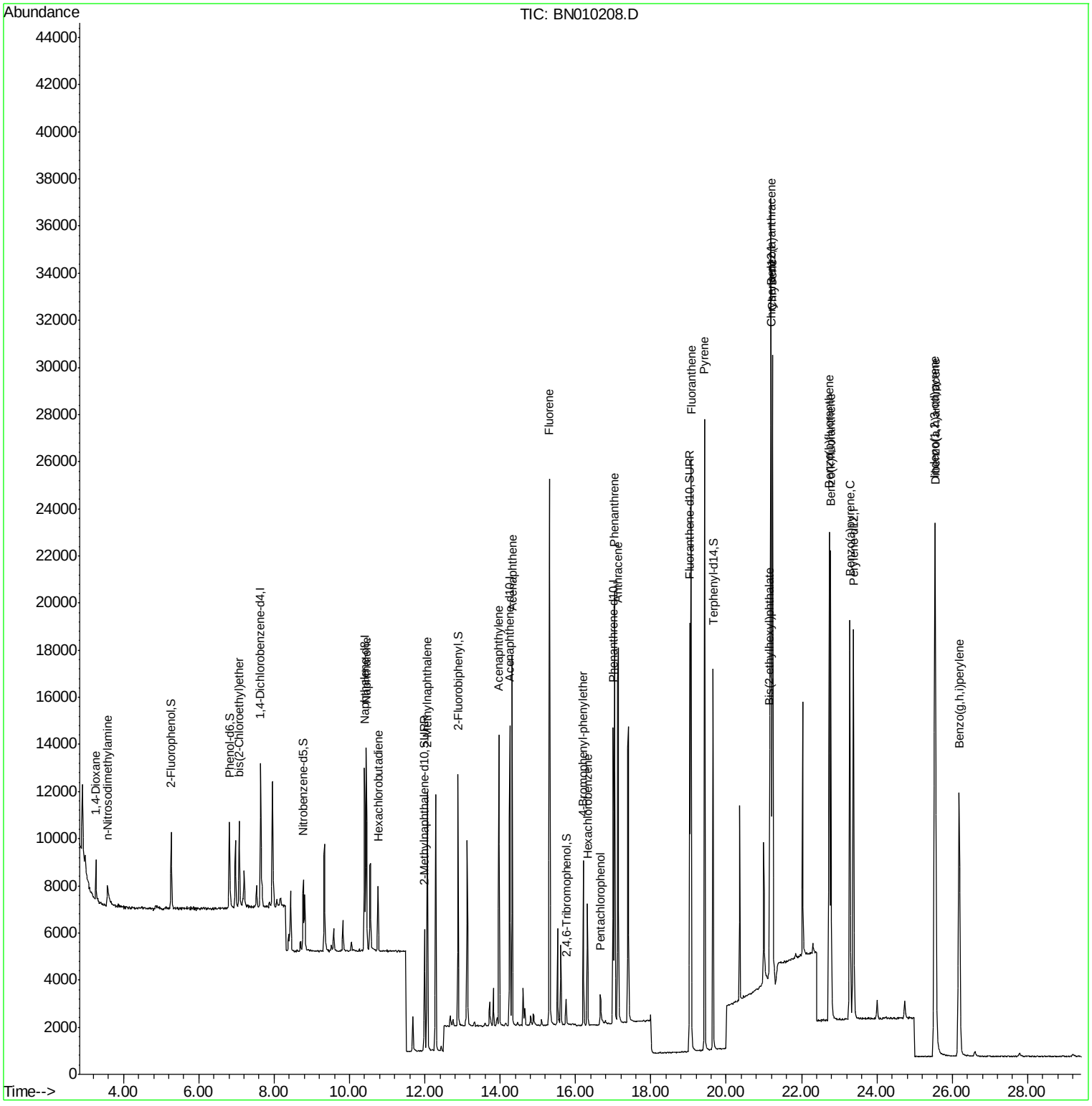
(#) = qualifier out of range (m) = manual integration (+) = signals summed

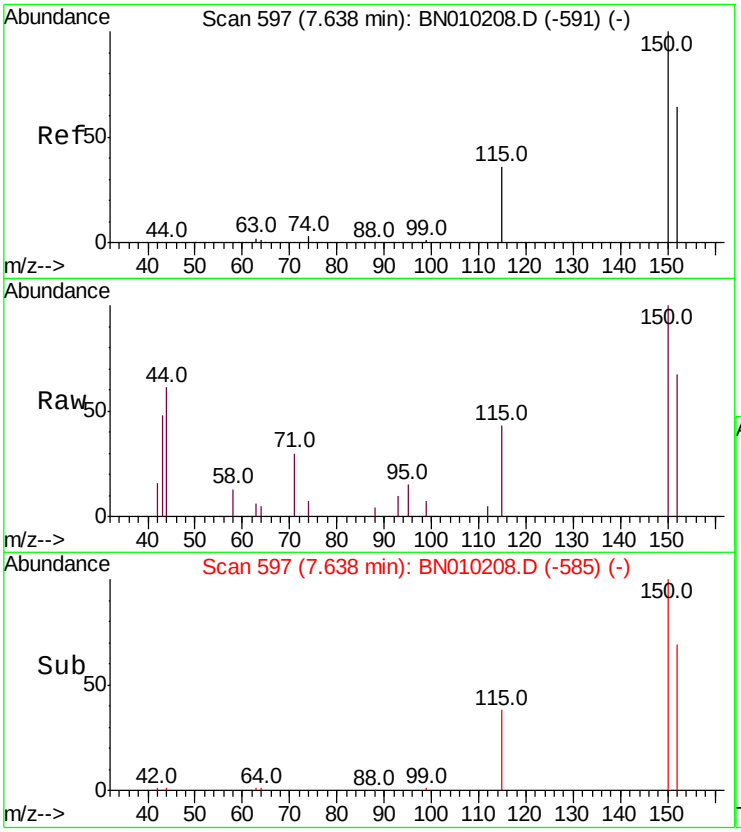
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010208.D
Acq On : 13 Mar 2020 19:47
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 01:40:10 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 01:33:56 2020
Response via : Initial Calibration



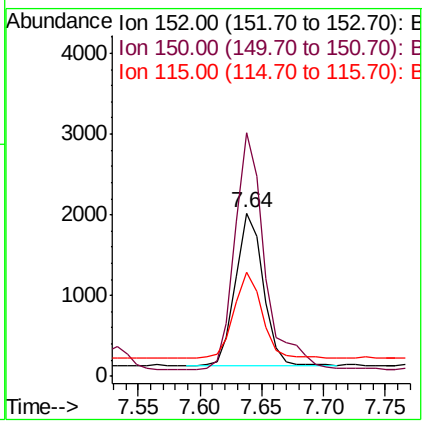


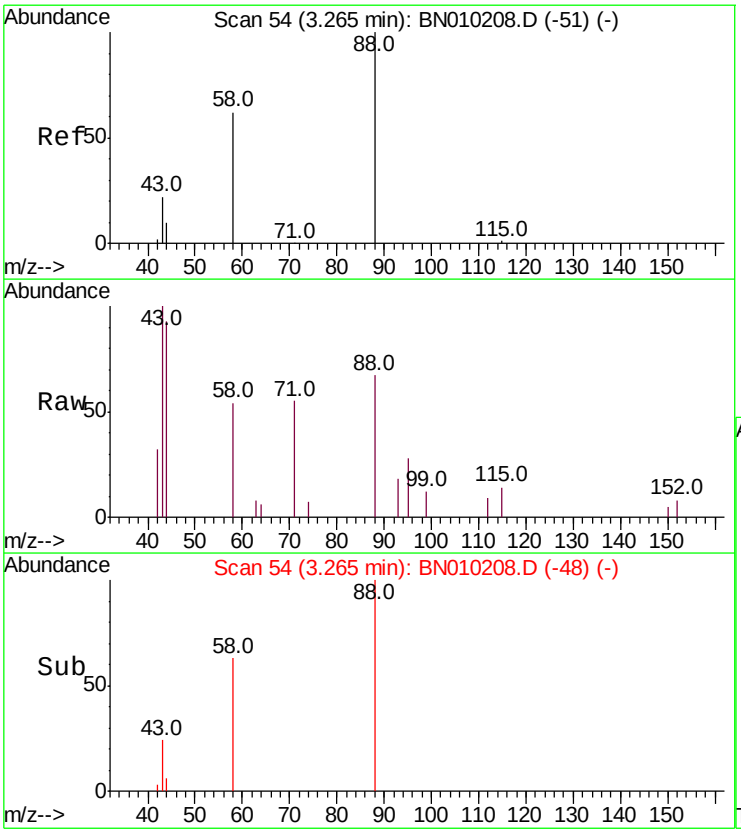
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2955

Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	63.6	50.9	76.3

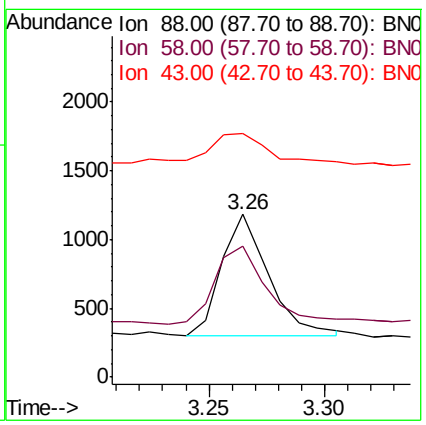


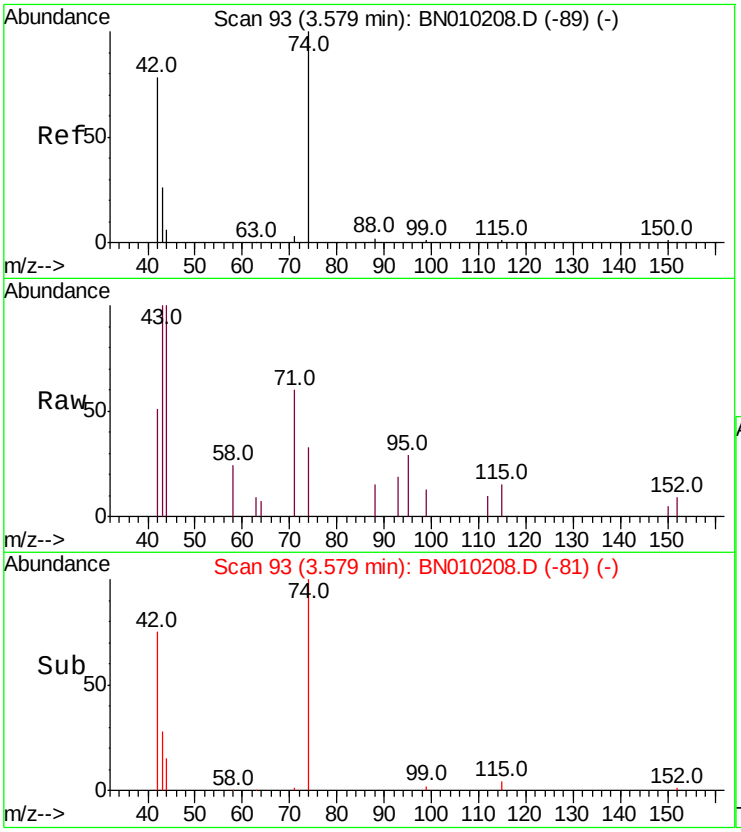


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.26 min Scan# 54
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion: 88 Resp: 1247

Ion	Ratio	Lower	Upper
88	100		
58	68.2	0.0	0.0#
43	24.6	0.0	0.0#



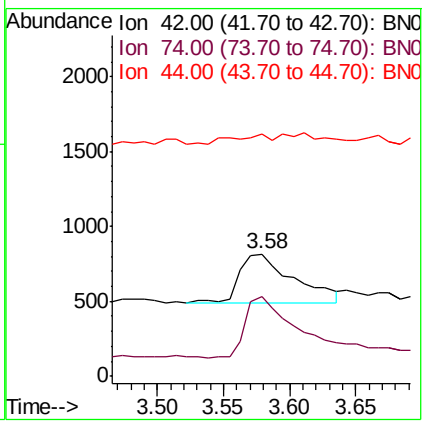


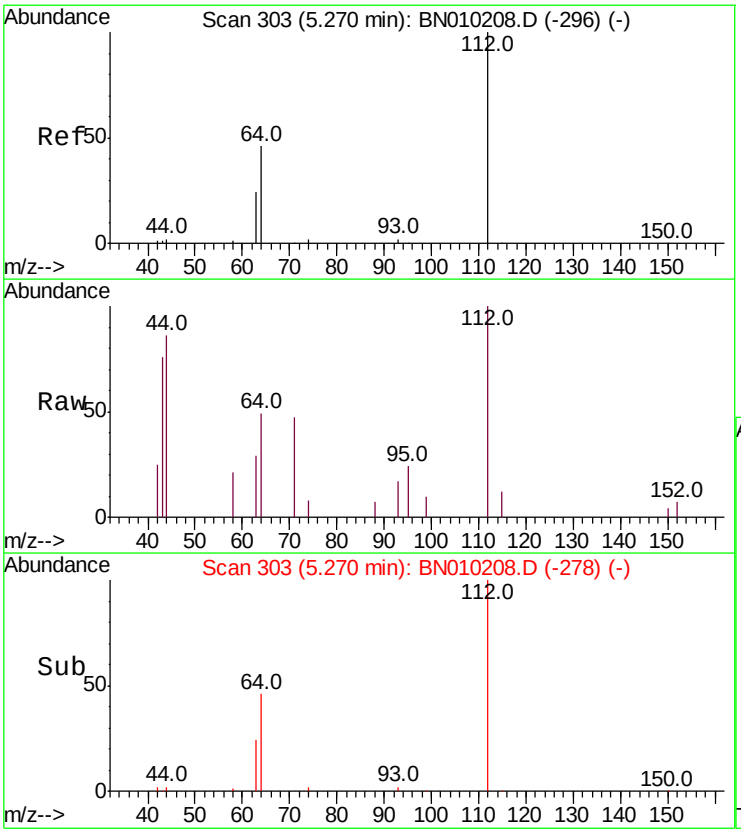
#3
n-Nitrosodimethylamine
Concen: 0.185 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 918

Ion	Ratio	Lower	Upper
42	100		
74	125.5	0.0	0.0#
44	11.8	0.0	0.0#

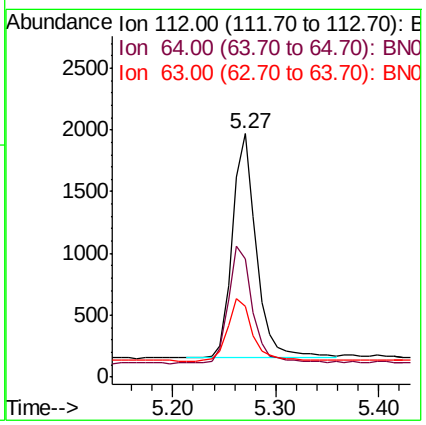


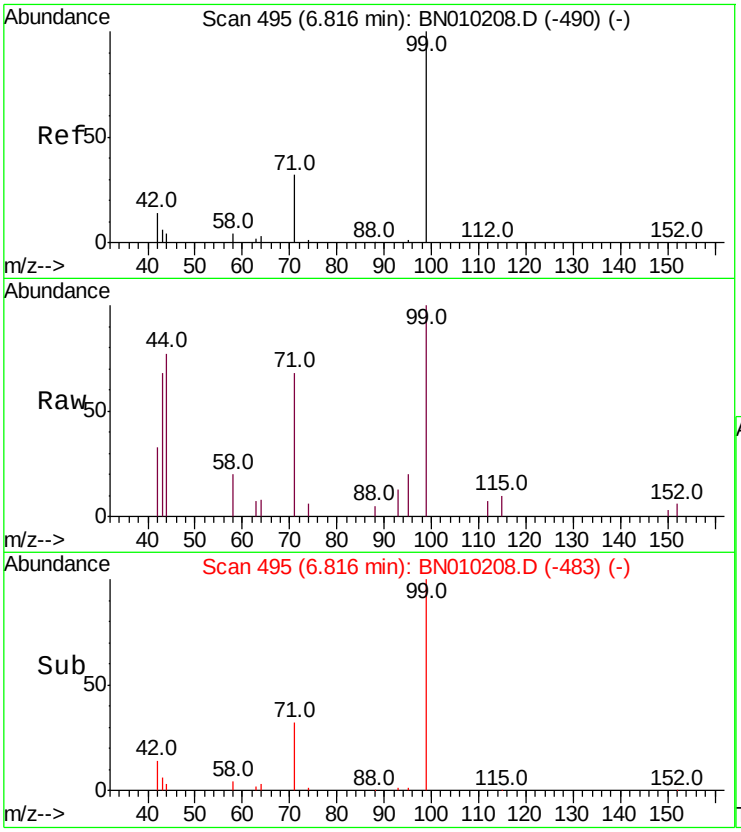


#4
2-Fluorophenol
Concen: 0.447 ng
RT: 5.27 min Scan# 303
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:112 Resp: 2934

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	63.8
63	29.5	23.6	35.4



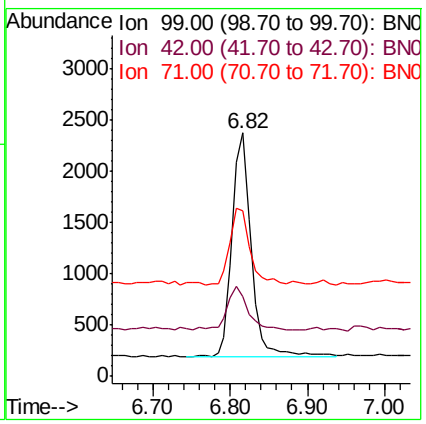


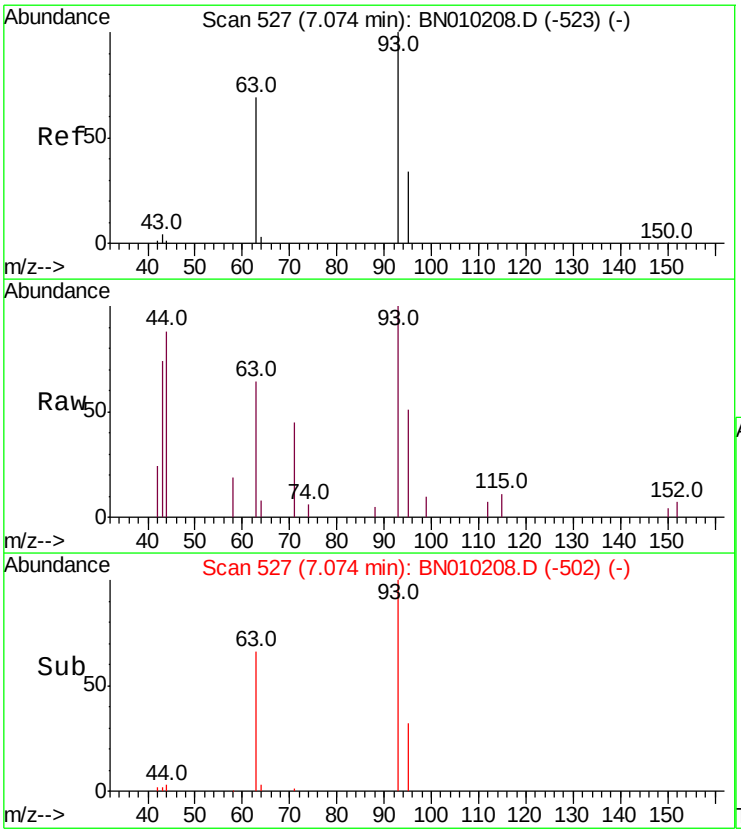
#5
Phenol-d6
Concen: 0.468 ng
RT: 6.82 min Scan# 495
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3740

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.0	18.0#
71	36.0	22.6	33.8#

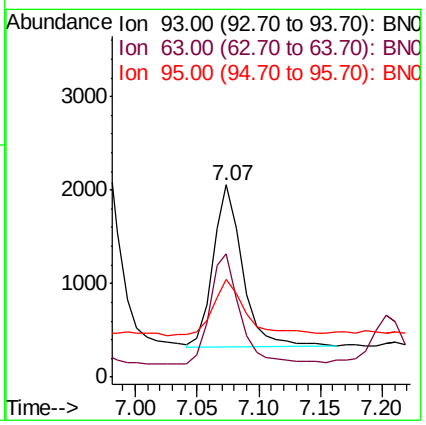


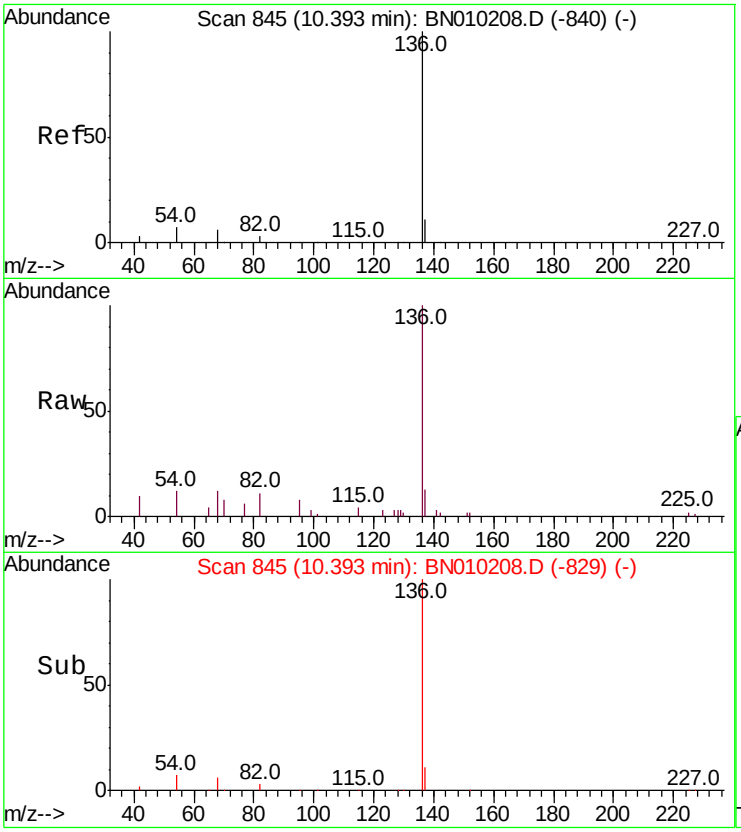


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.07 min Scan# 527
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion: 93 Resp: 2854

Ion	Ratio	Lower	Upper
93	100		
63	70.8	53.4	80.0
95	37.9	28.6	42.8



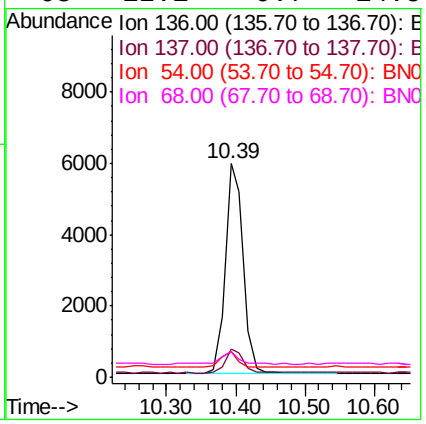


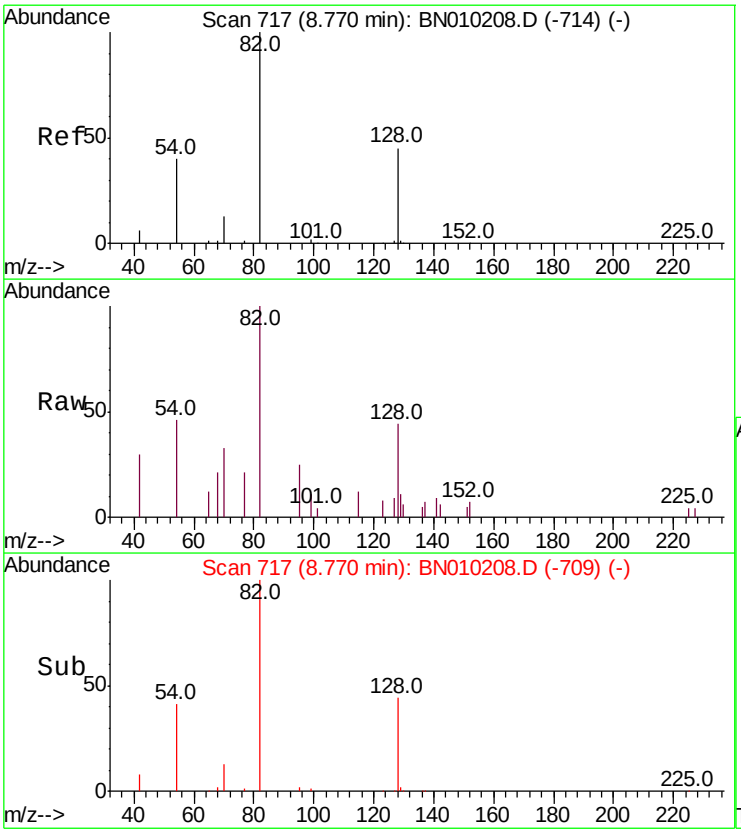
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 10850

Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.6	15.8
54	11.9	9.5	14.3
68	12.1	9.7	14.5

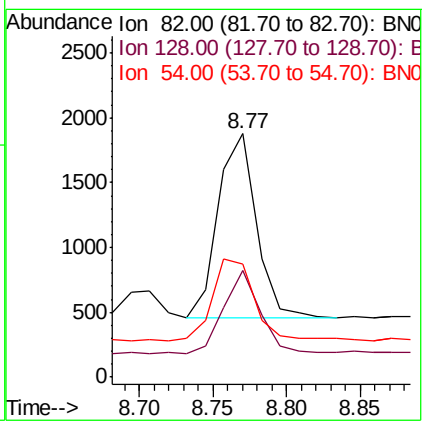


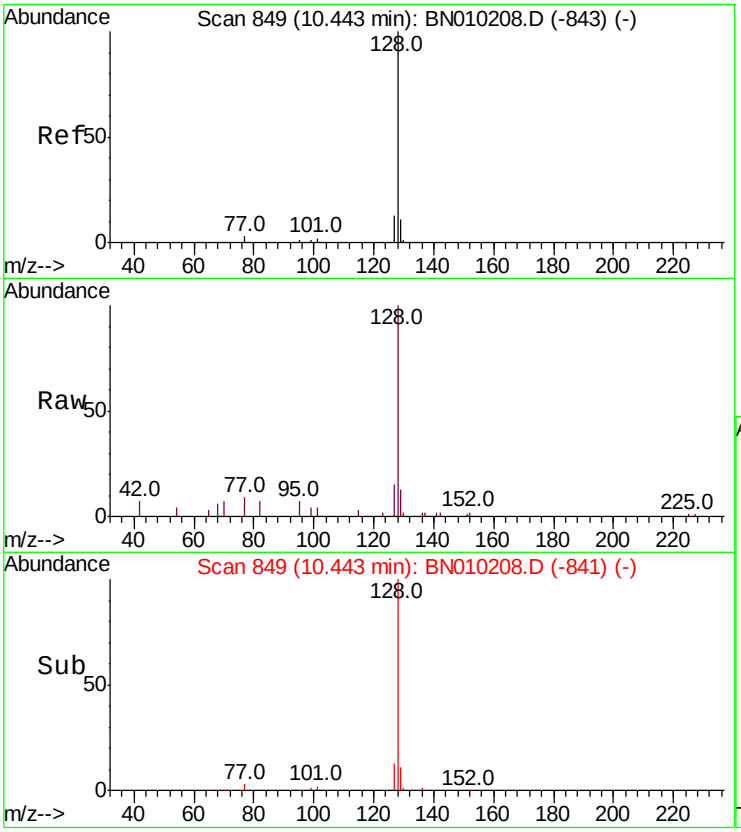


#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.77 min Scan# 717
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion: 82 Resp: 2583

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.0	52.6
54	46.2	37.0	55.4



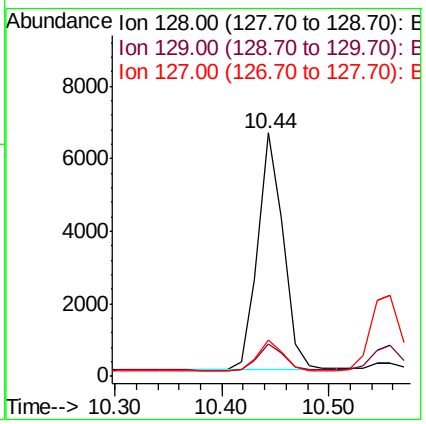


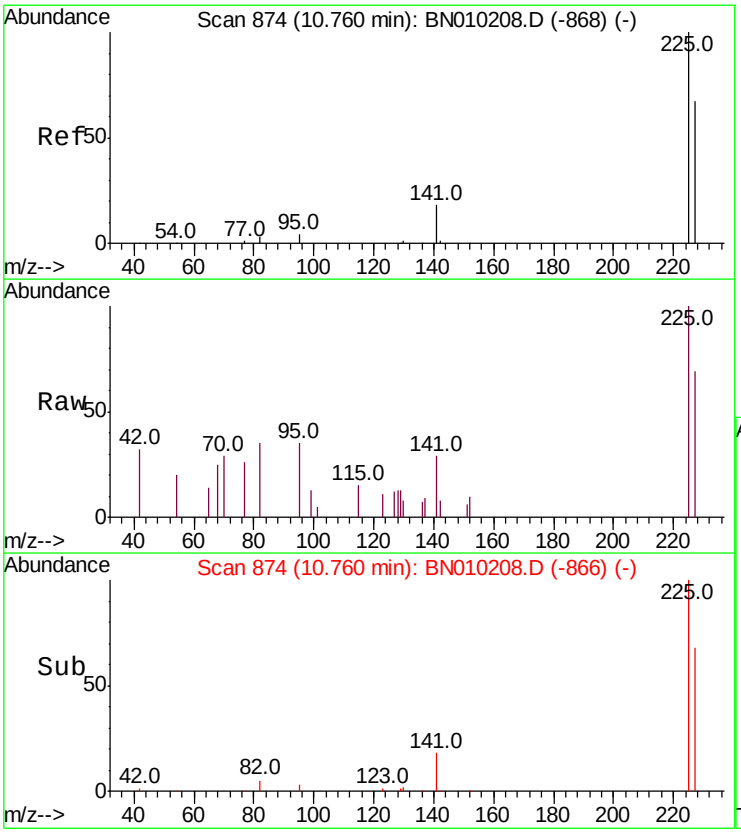
#9
Naphthalene
Concen: 0.369 ng
RT: 10.44 min Scan# 849
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 10928

Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.5	15.7
127	15.1	12.1	18.1

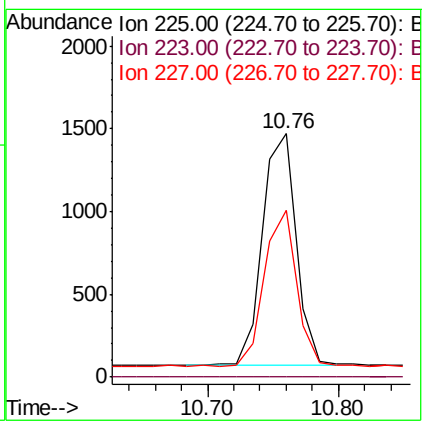


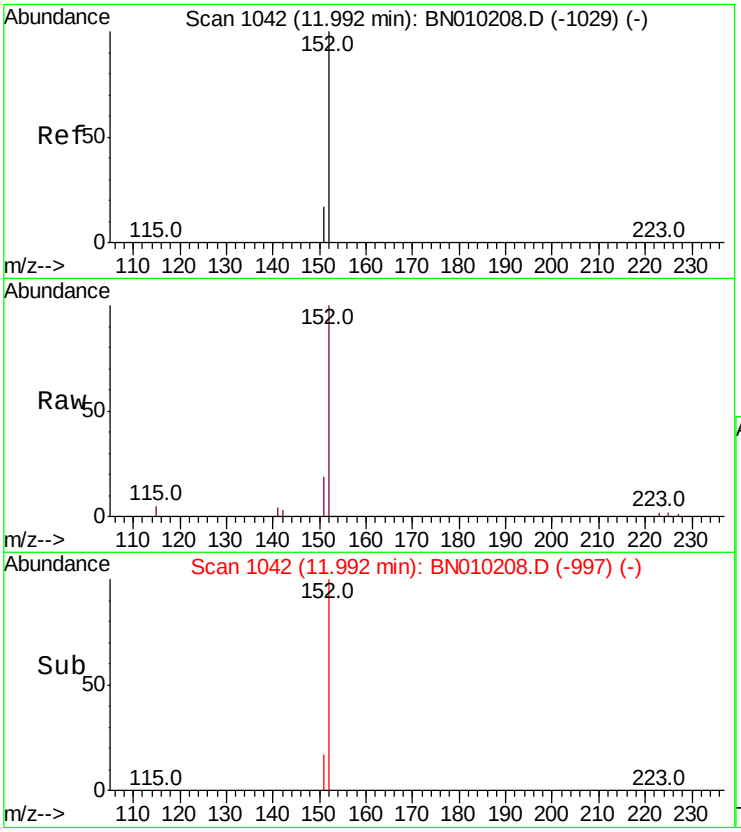


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.76 min Scan# 874
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:225 Resp: 2497

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	0.0	0.0#



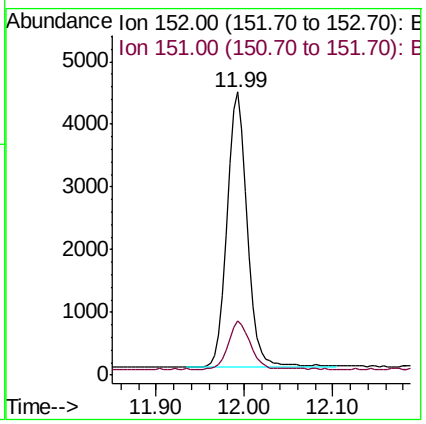


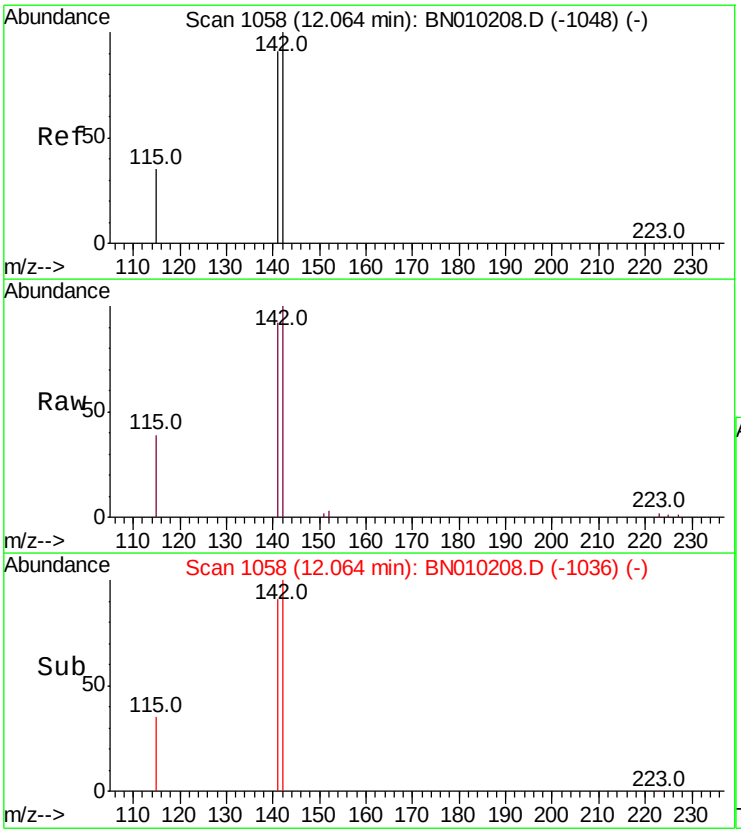
#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 11.99 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7029

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.6

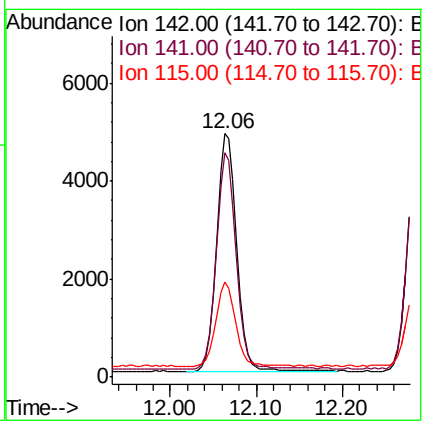


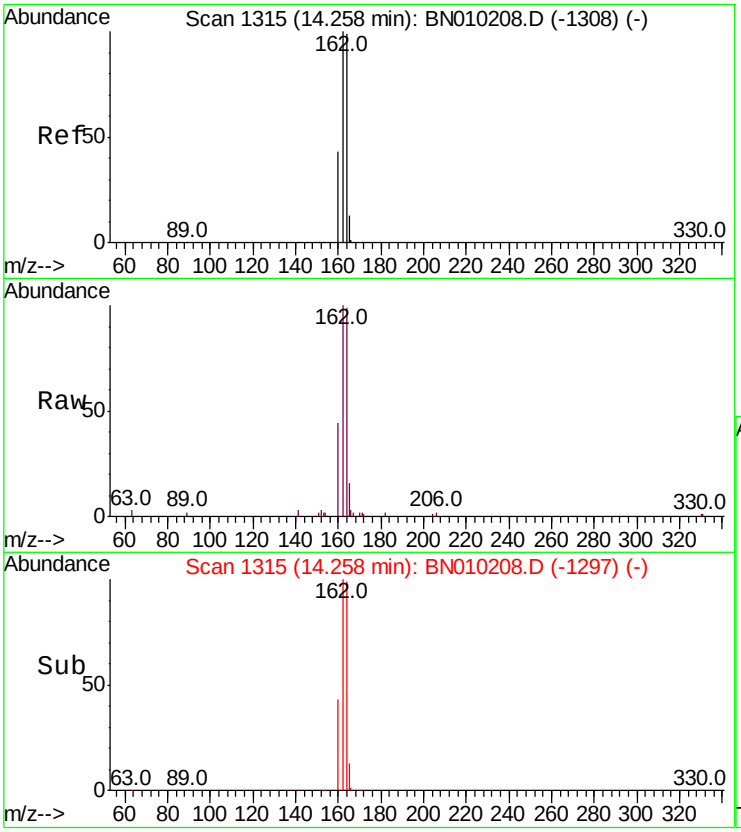


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.06 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:142 Resp: 7802

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
115	39.0	31.2	46.8



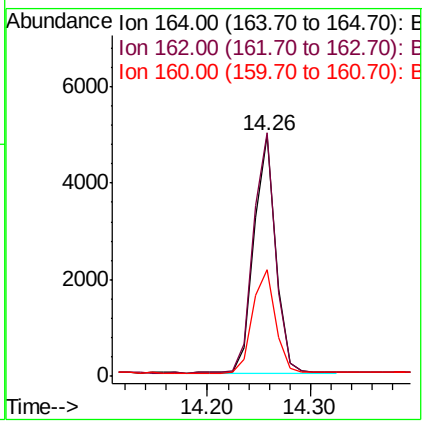


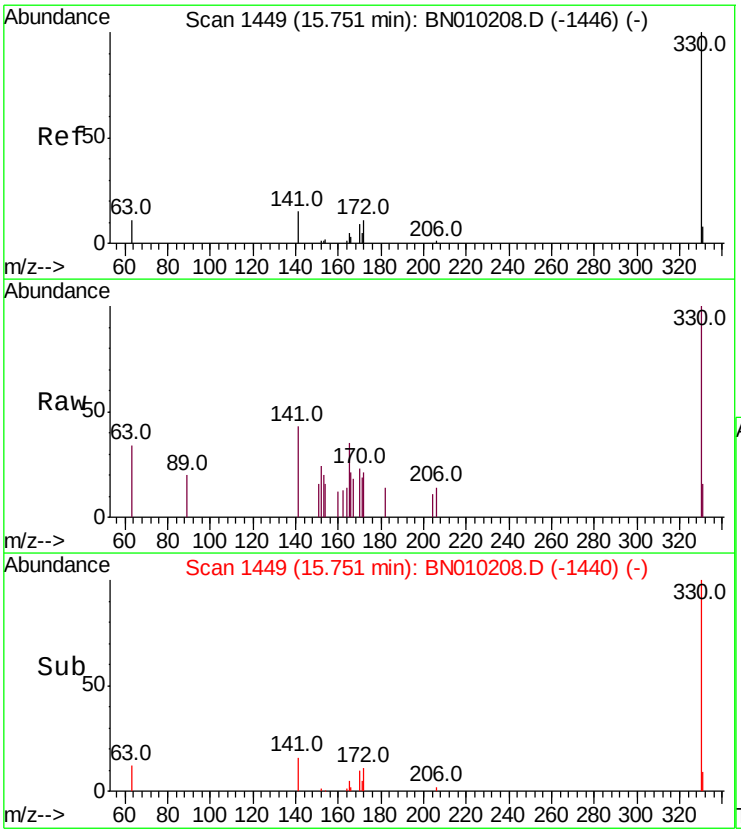
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.26 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7151

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.0	121.4
160	44.5	35.6	53.4

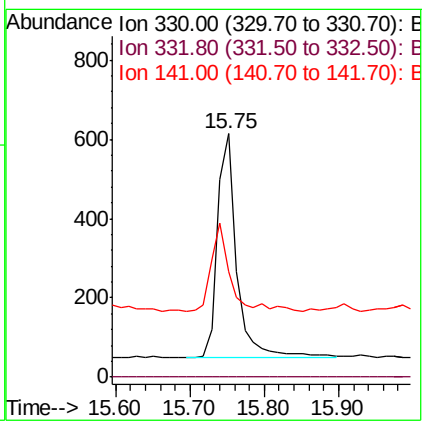


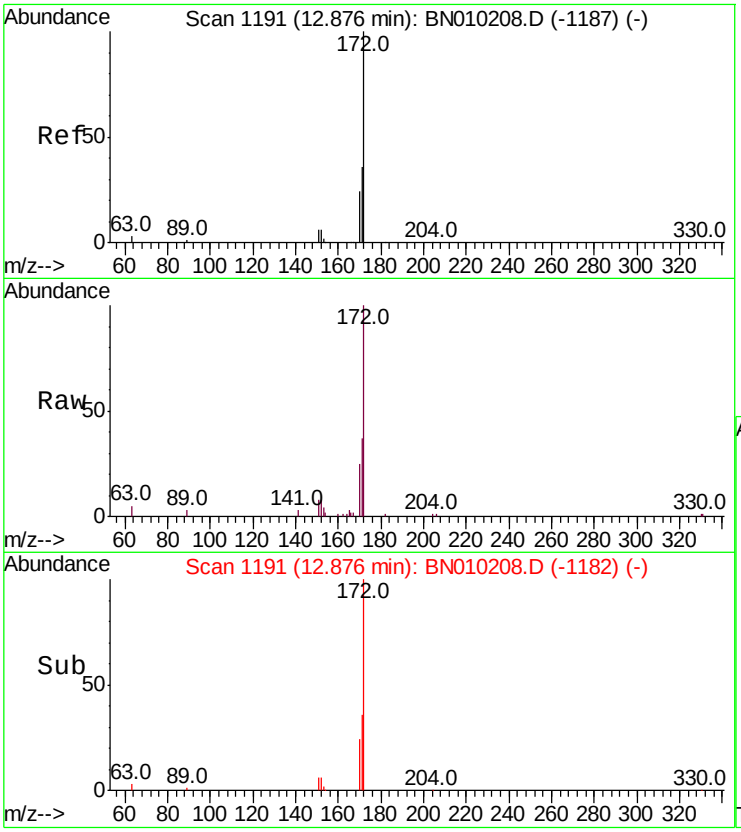


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.75 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:330 Resp: 1008

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.5	25.1	37.7



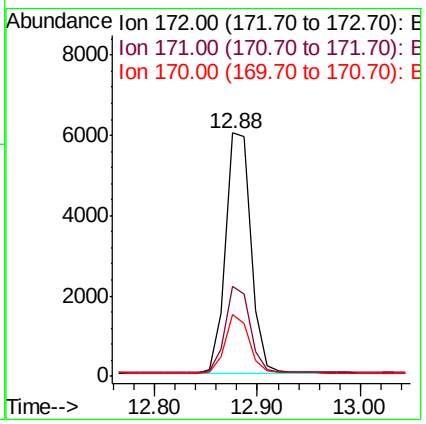


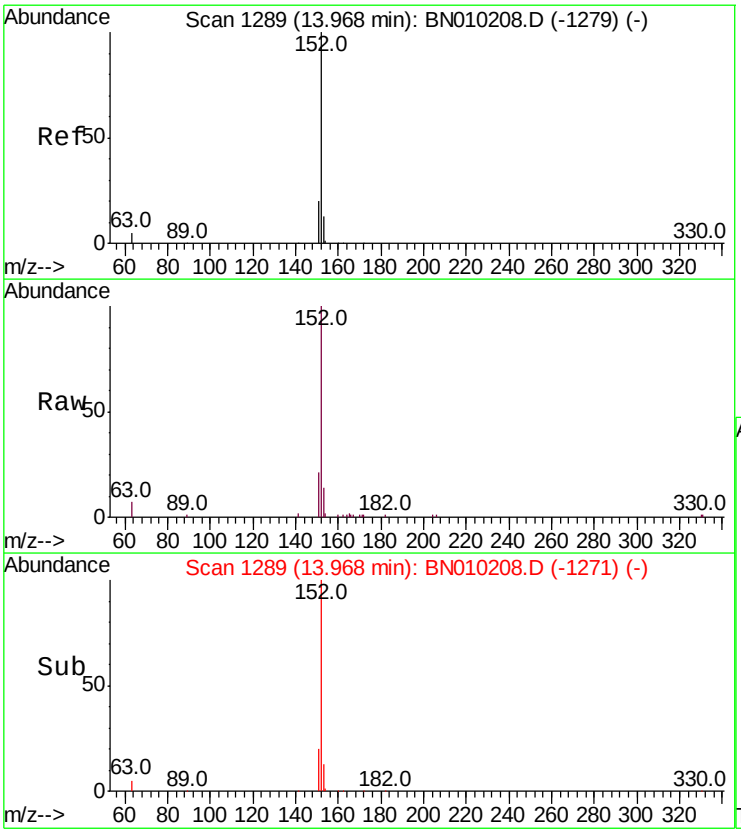
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.88 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10361

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	25.3	20.2	30.4

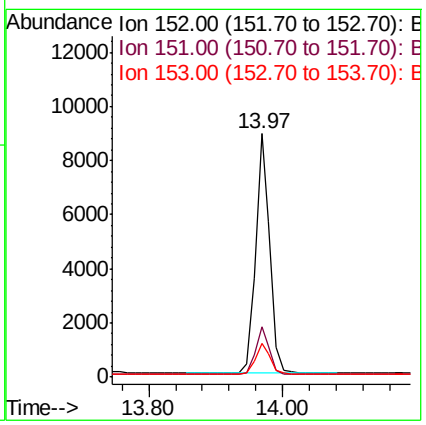


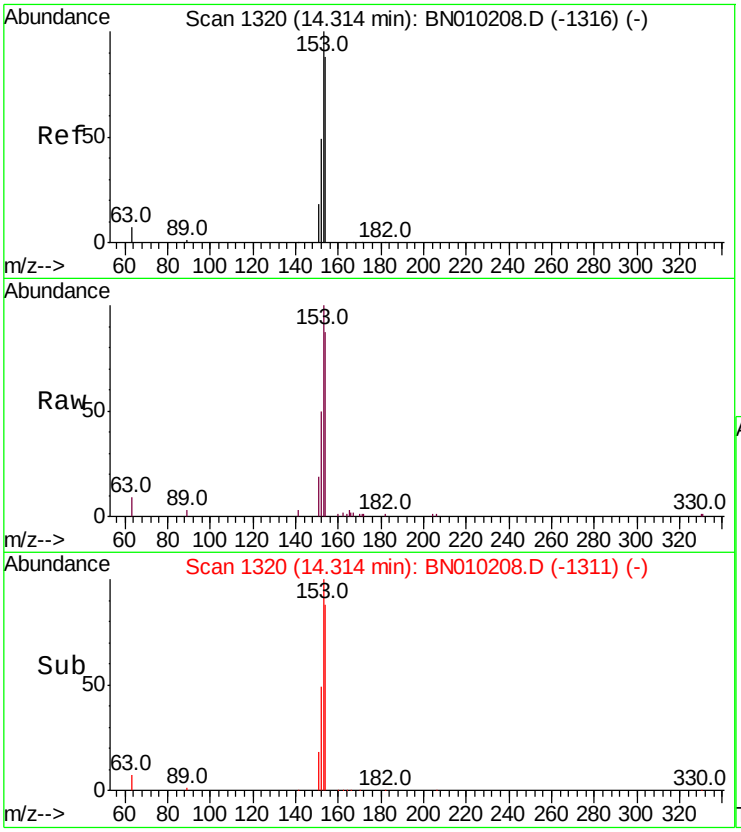


#16
Acenaphthylene
Concen: 0.432 ng
RT: 13.97 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:152 Resp: 13178

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.3	10.6	16.0



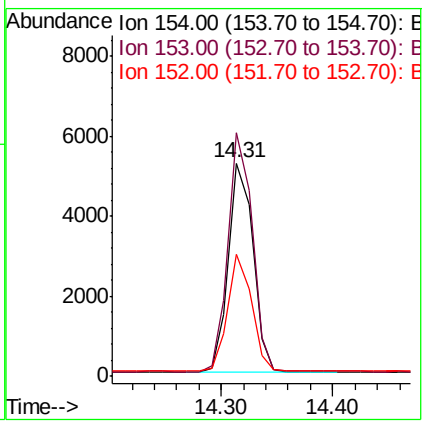


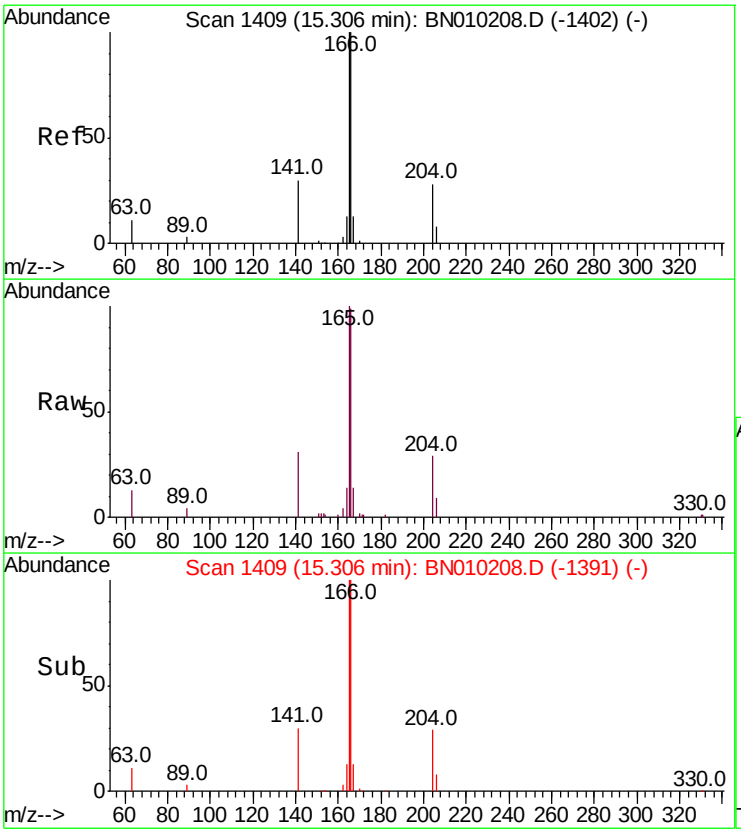
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.31 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 7964

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.3	135.5
152	53.6	42.9	64.3

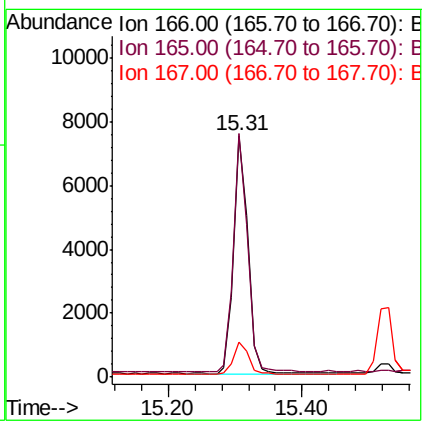


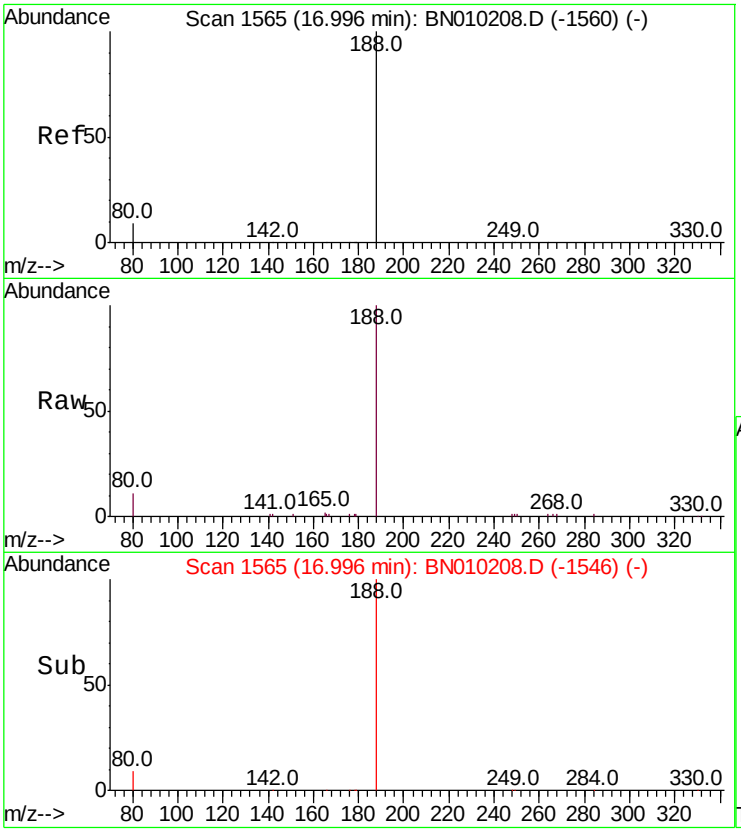


#18
Fluorene
Concen: 0.385 ng
RT: 15.31 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:166 Resp: 10892

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.3	117.5
167	13.4	10.7	16.1



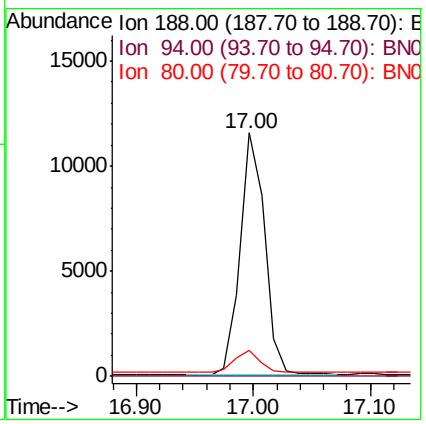


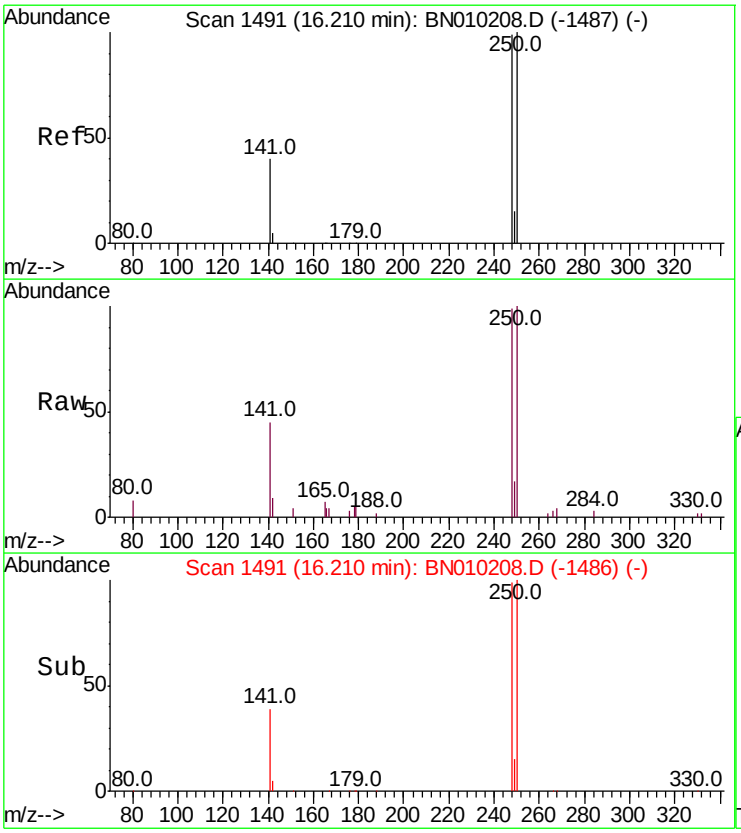
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 16800

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.6	12.8

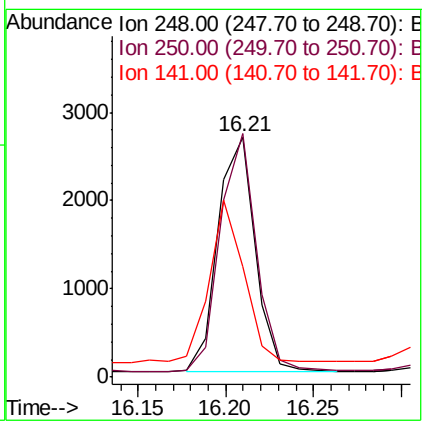


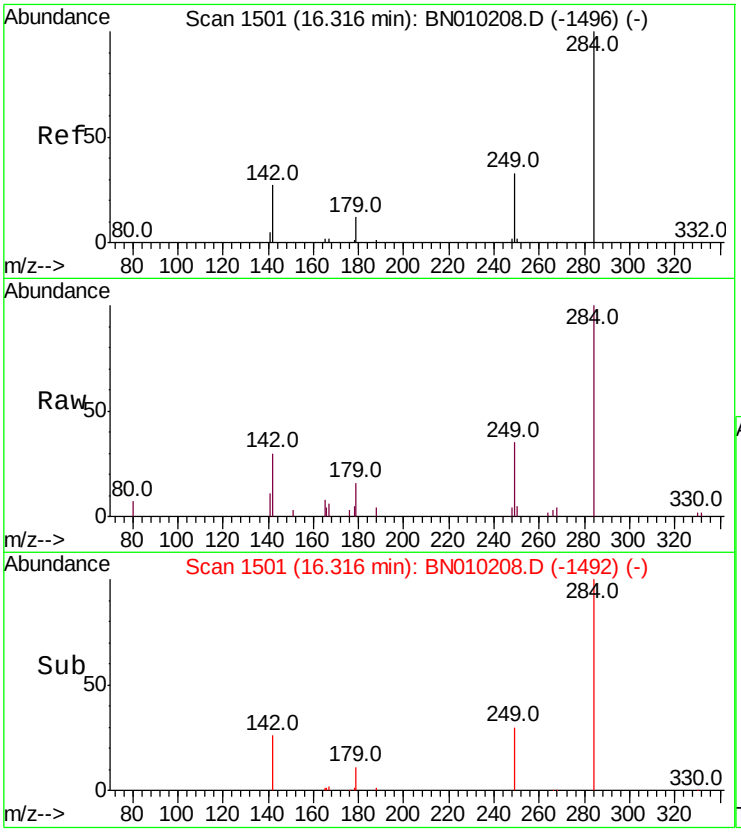


#20
4-Bromophenyl-phenylether
Concen: 0.330 ng
RT: 16.21 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:248 Resp: 3861

Ion	Ratio	Lower	Upper
248	100		
250	101.5	81.2	121.8
141	45.9	36.7	55.1



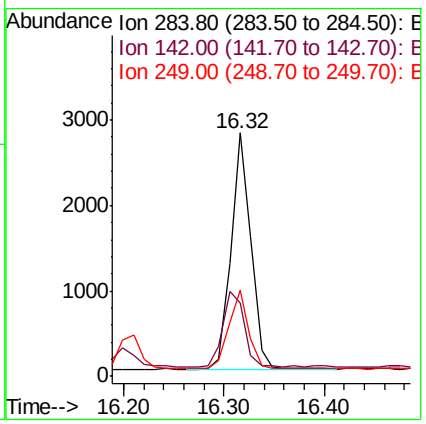


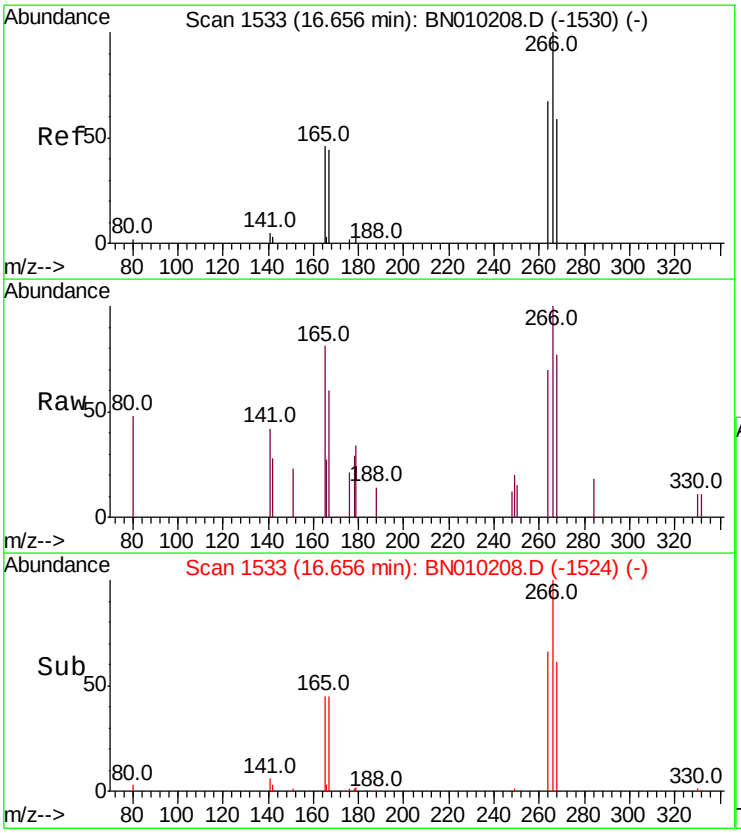
#21
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.32 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 3793

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.8	41.6
249	33.2	26.6	39.8

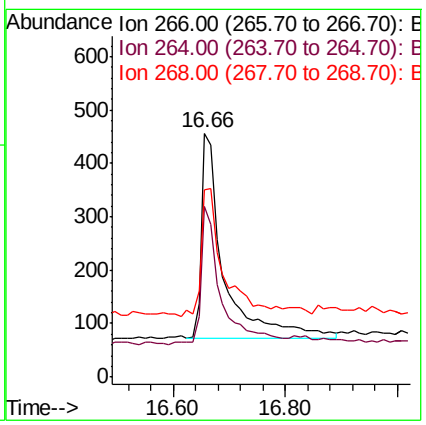


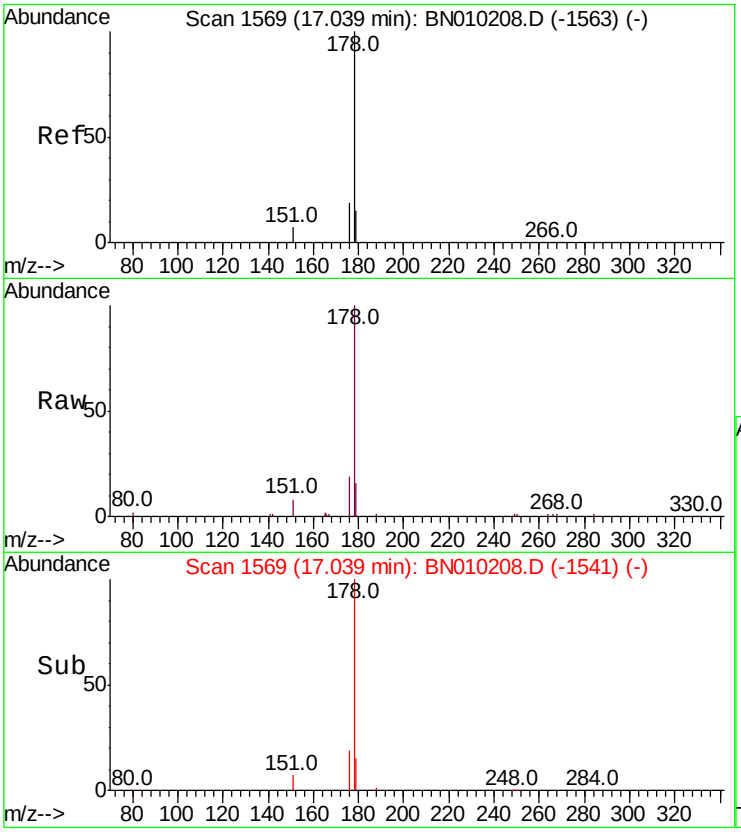


#22
Pentachlorophenol
Concen: 0.397 ng
RT: 16.66 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:266 Resp: 1064

Ion	Ratio	Lower	Upper
266	100		
264	70.2	56.2	84.2
268	76.8	61.4	92.2



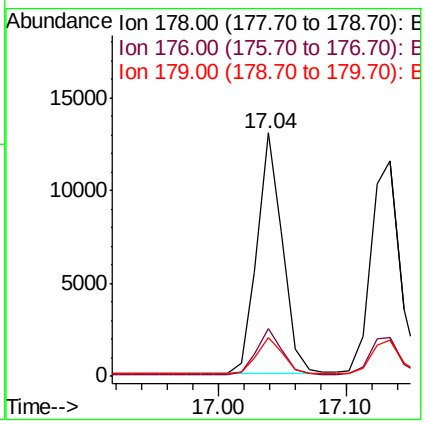


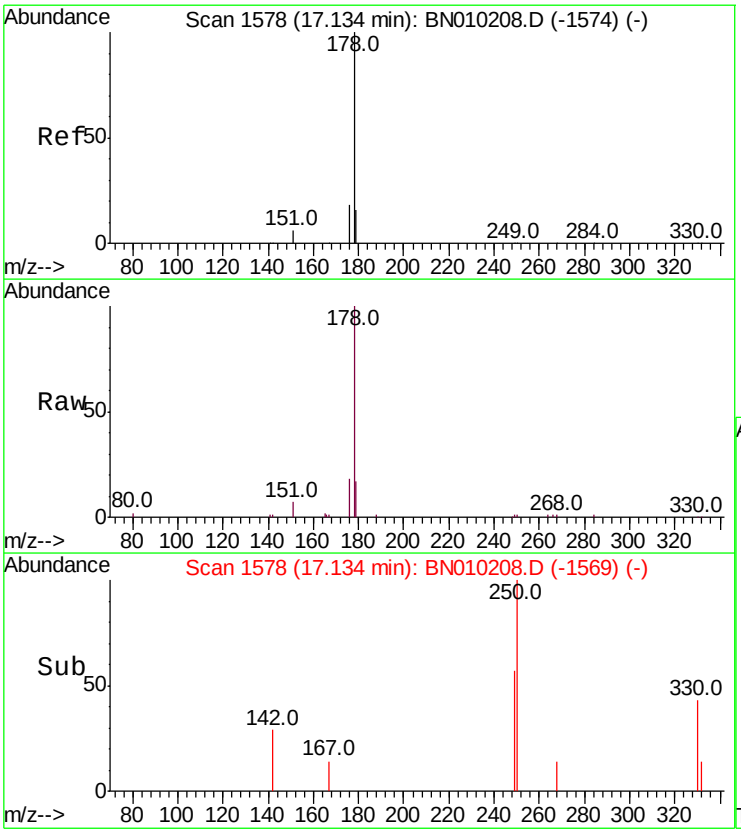
#23
Phenanthrene
Concen: 0.363 ng
RT: 17.04 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 18138

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7

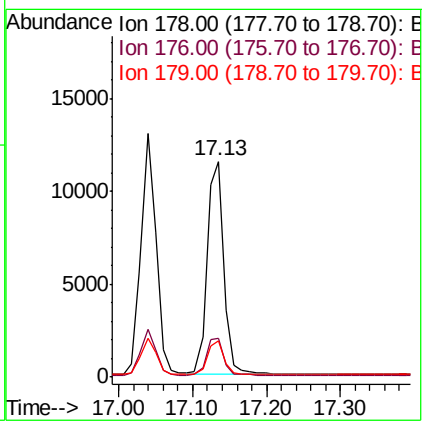


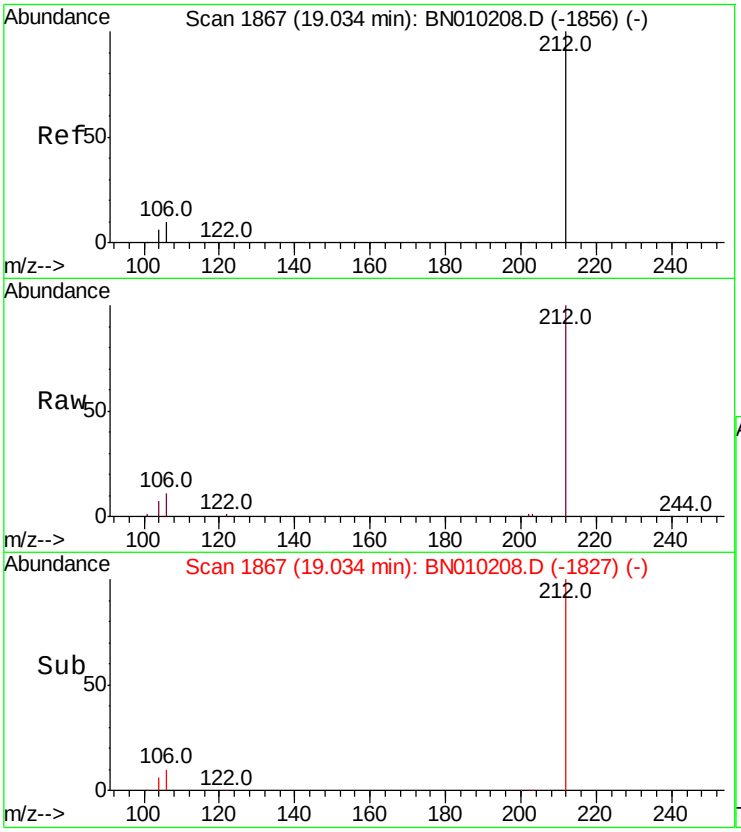


#24
Anthracene
Concen: 0.429 ng
RT: 17.13 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:178 Resp: 18149

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.6	12.5	18.7



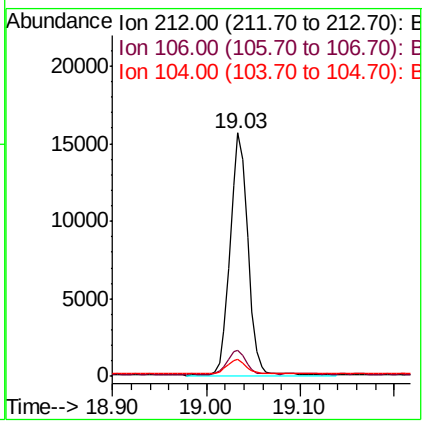


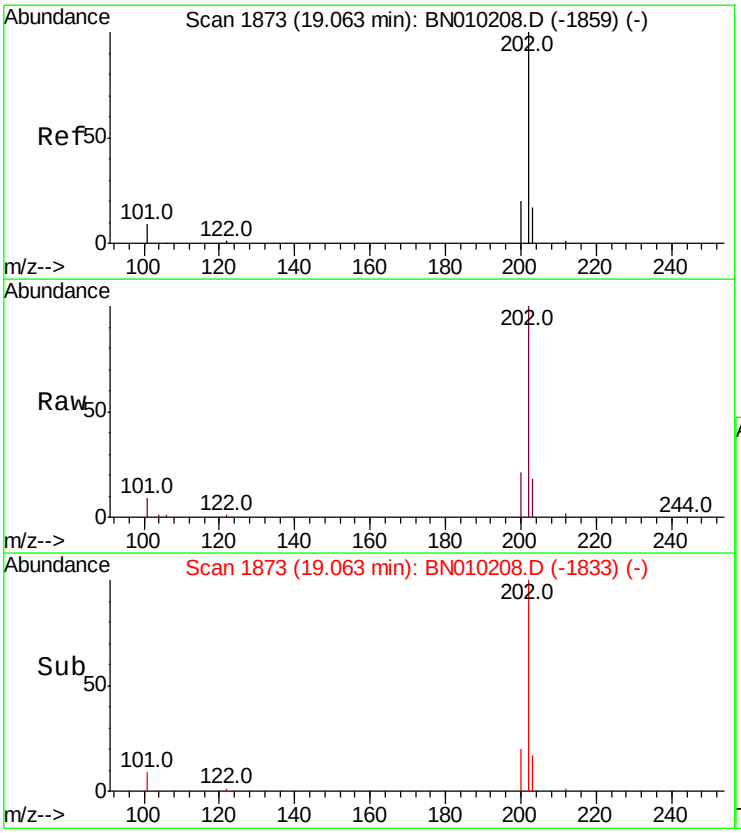
#25
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.03 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 20526

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.1	12.1
104	5.9	4.7	7.1

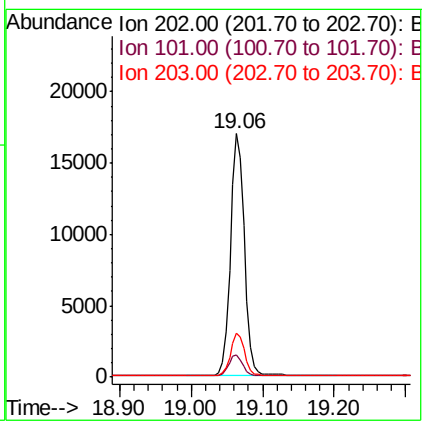


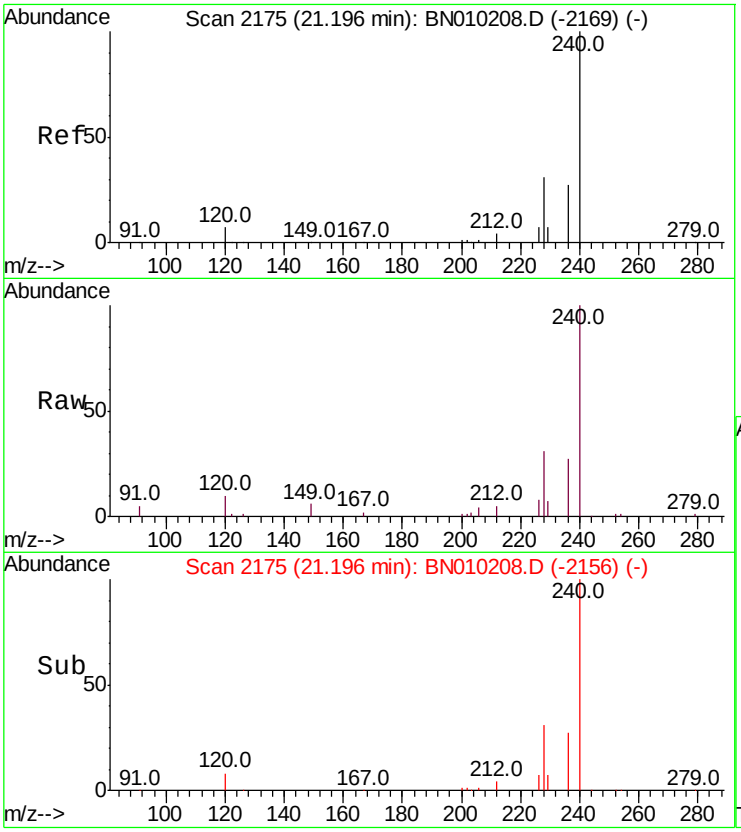


#26
Fluoranthene
Concen: 0.384 ng
RT: 19.06 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:202 Resp: 23004

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
203	17.4	13.9	20.9



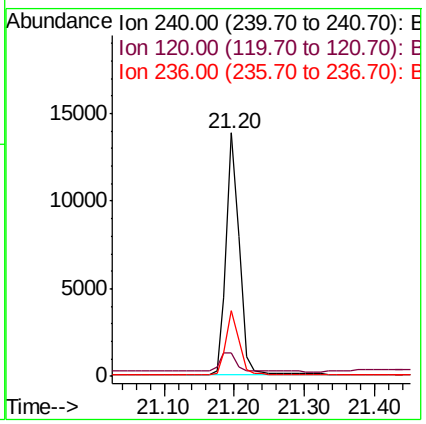


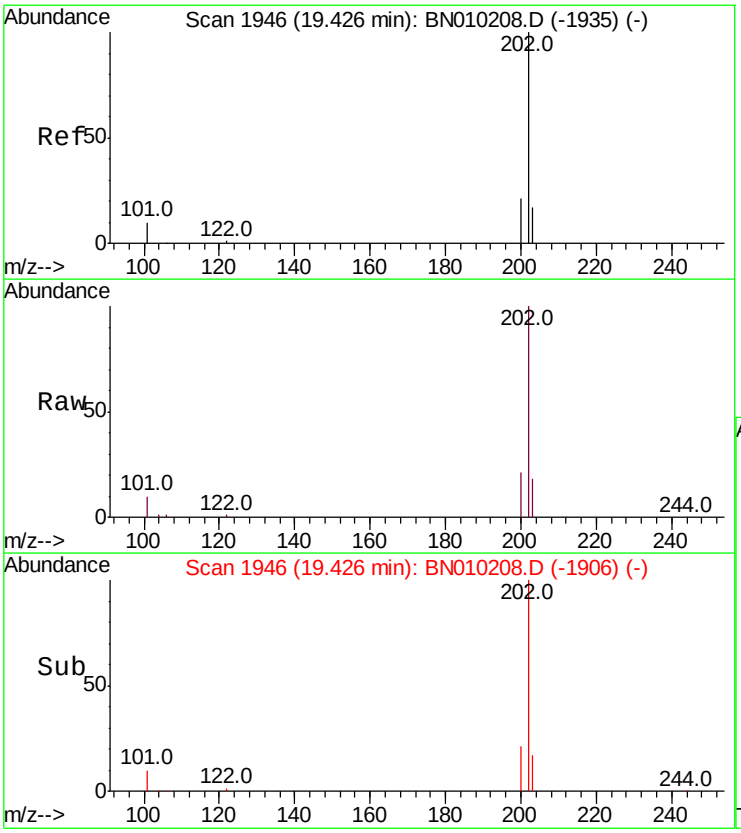
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 17801

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.7	11.5
236	27.2	21.8	32.6

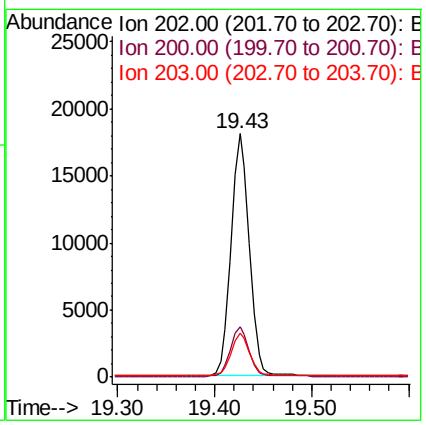


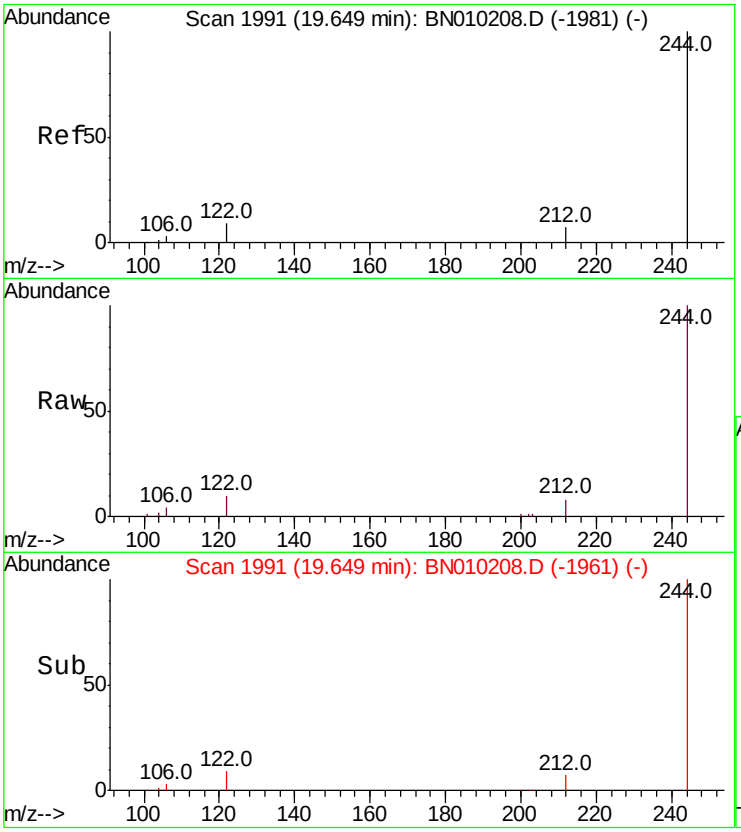


#28
Pyrene
Concen: 0.351 ng
RT: 19.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:202 Resp: 23725

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.1	21.1



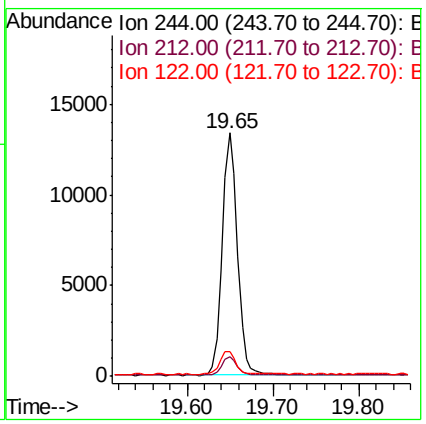


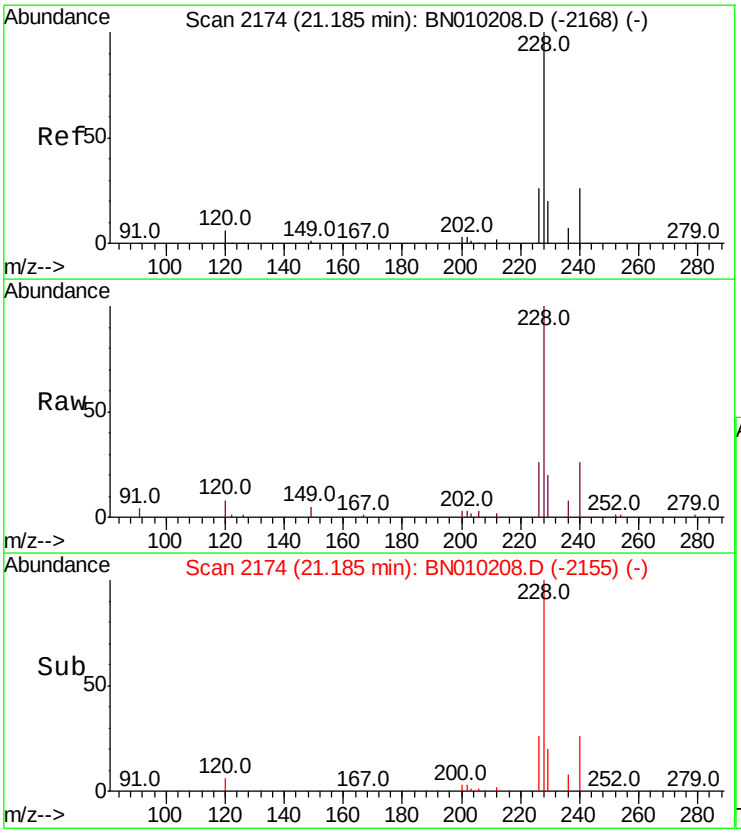
#29
Terphenyl-d14
Concen: 0.387 ng
RT: 19.65 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 16461

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	10.1	8.1	12.1

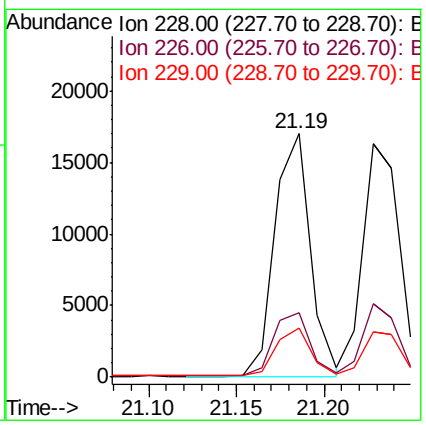


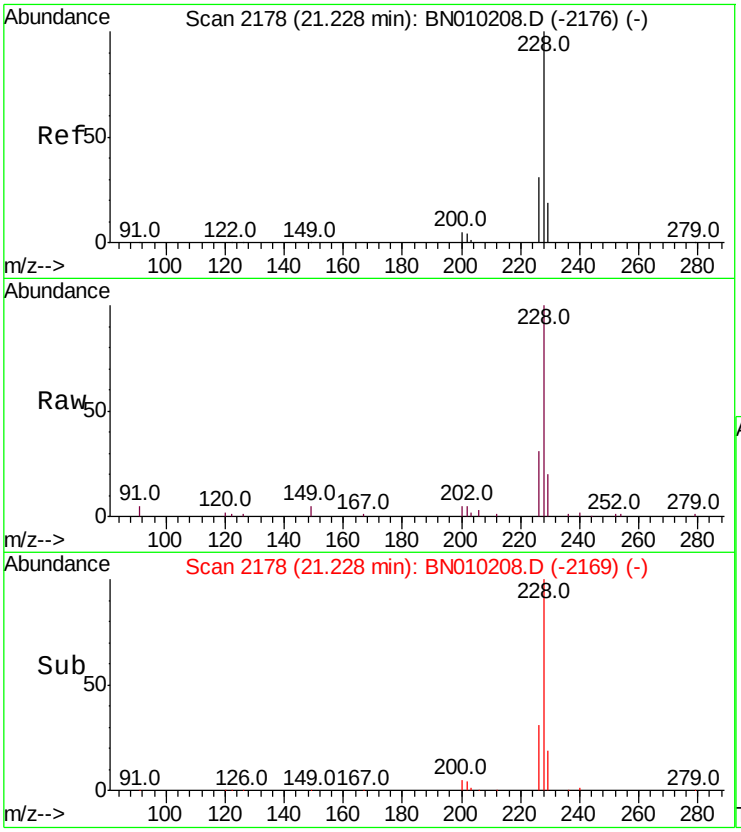


#30
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:228 Resp: 23883

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.1	31.7
229	20.3	16.2	24.4



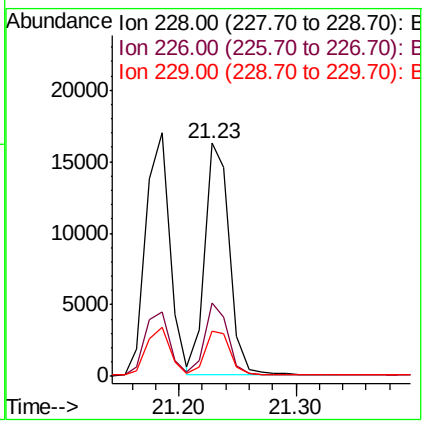


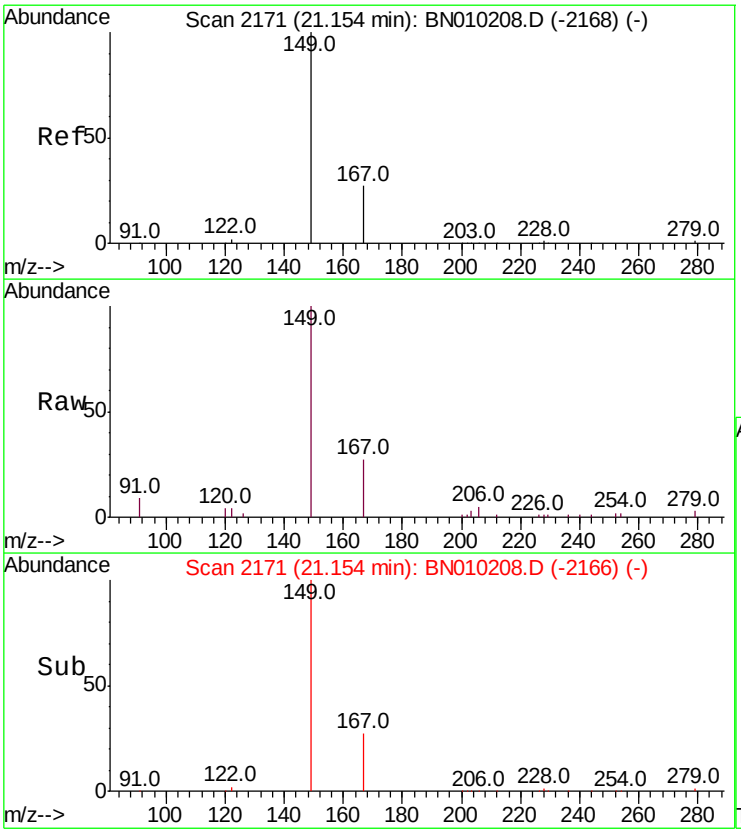
#31
Chrysene
Concen: 0.347 ng
RT: 21.23 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 23727

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.4
229	19.6	15.7	23.5

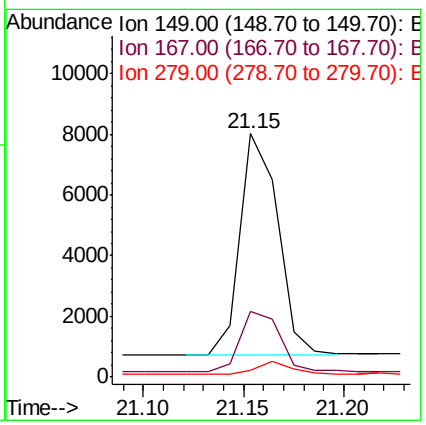


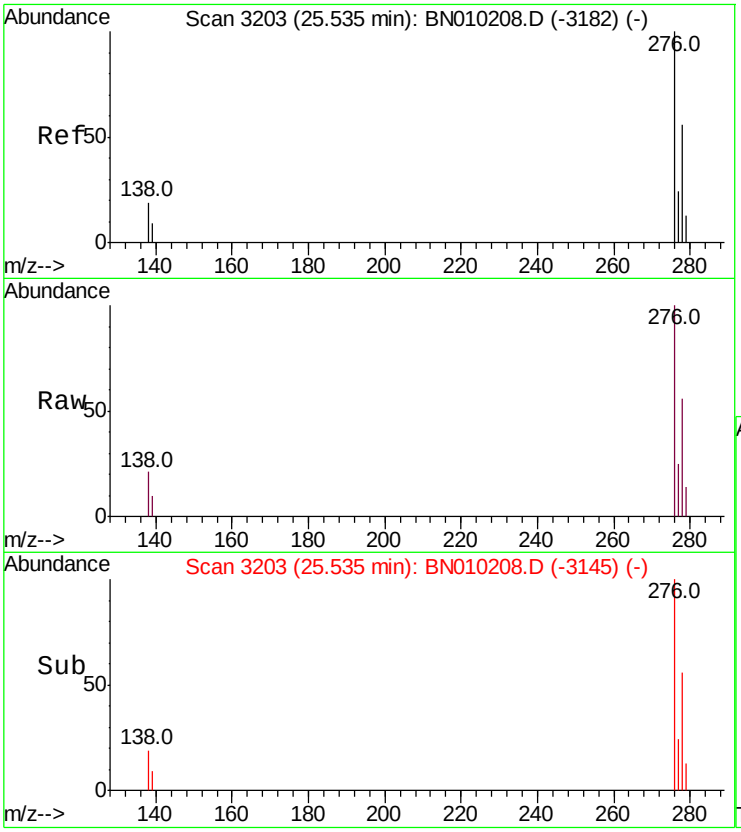


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:149 Resp: 9645

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.0	31.4
279	5.0	0.0	0.0#



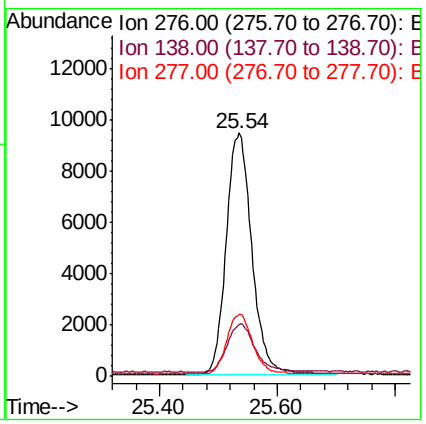


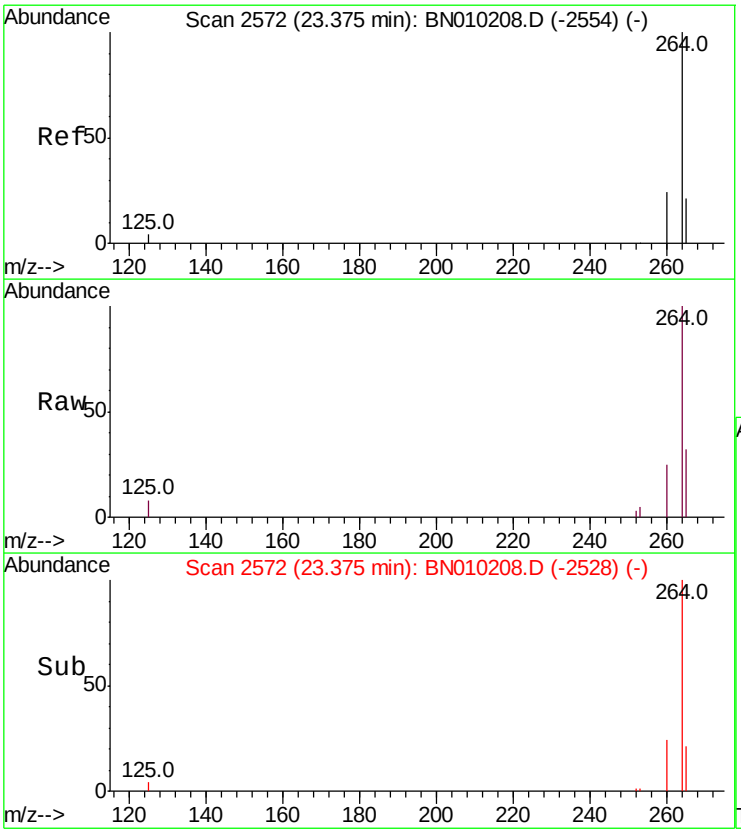
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 25.54 min Scan# 3203
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 28556

Ion	Ratio	Lower	Upper
276	100		
138	21.2	0.0	0.0#
277	24.9	0.0	0.0#

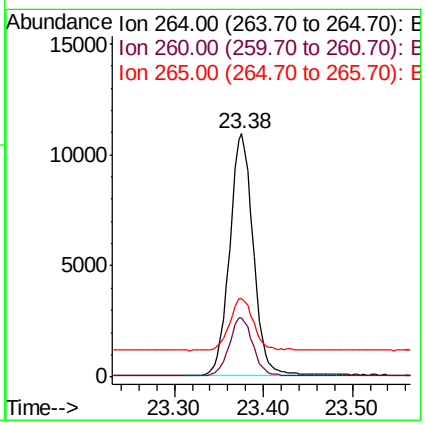


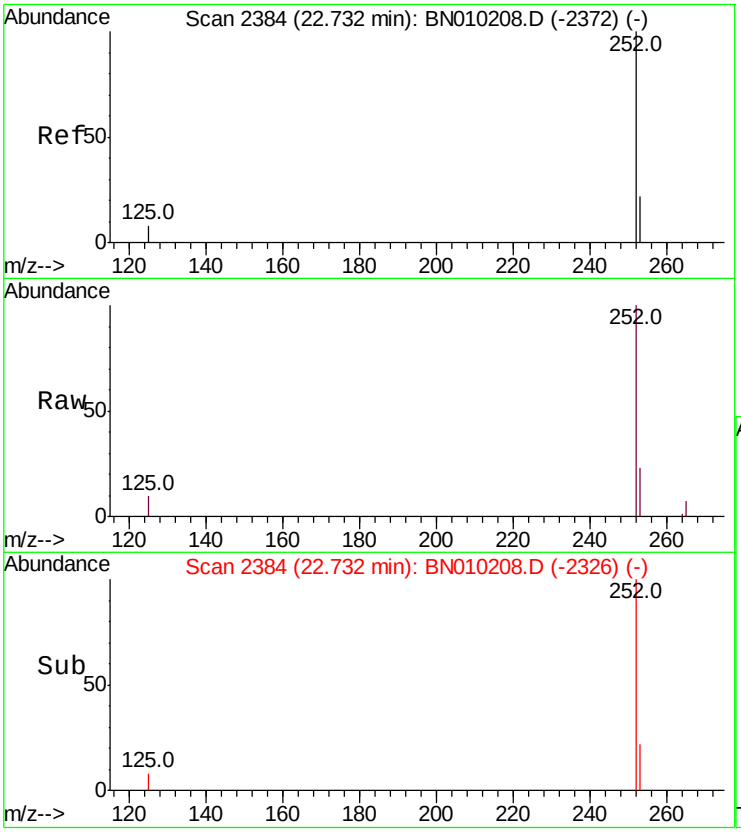


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.38 min Scan# 2572
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:264 Resp: 19955

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	32.2	25.8	38.6



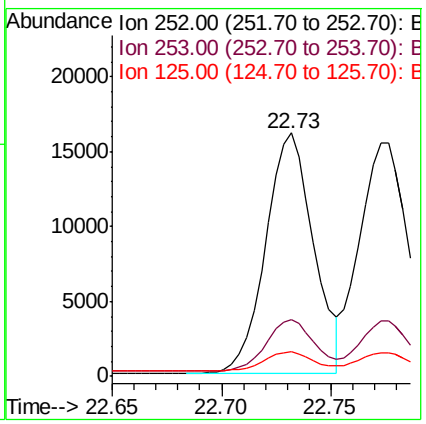


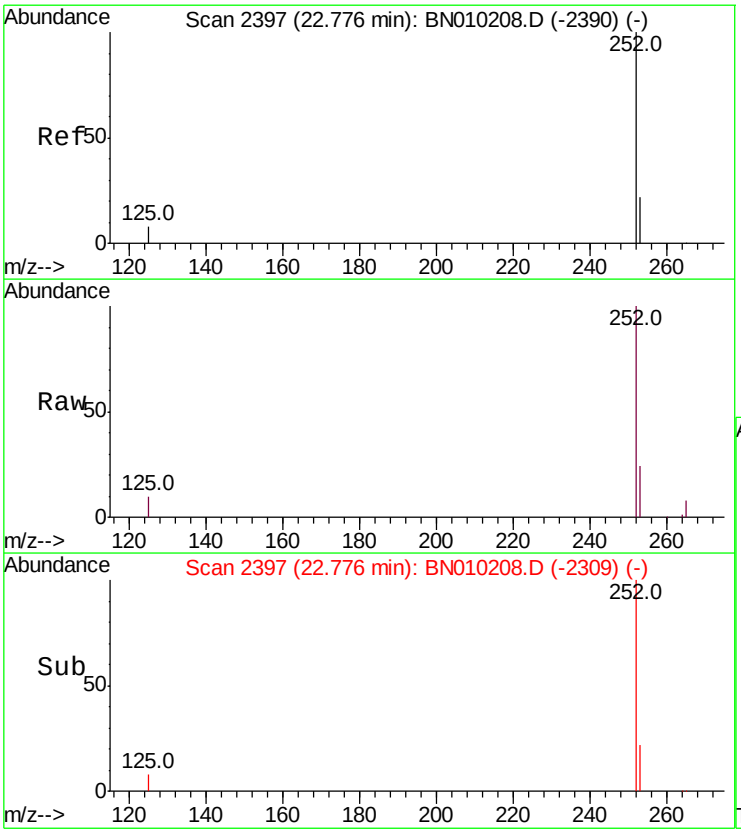
#35
Benzo(b)fluoranthene
Concen: 0.335 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24458

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	9.9	7.9	11.9

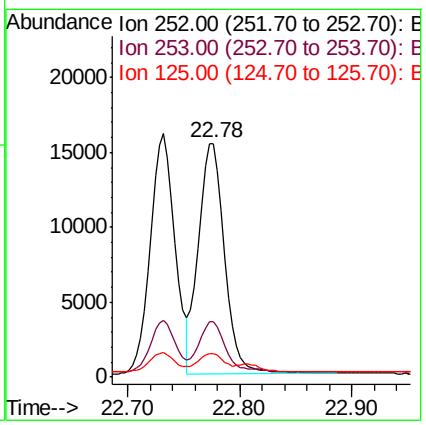


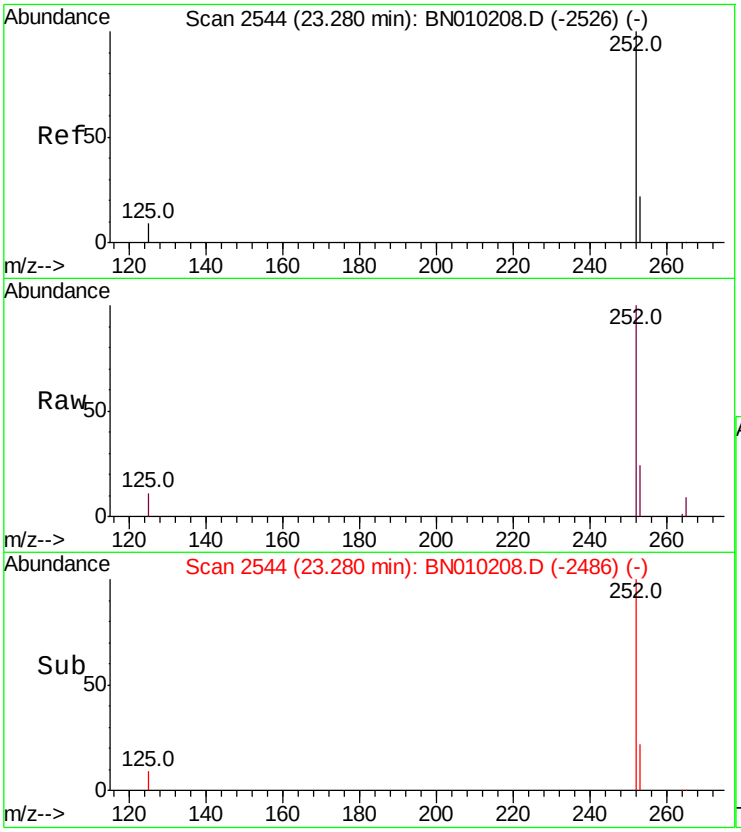


#36
Benzo(k)fluoranthene
Concen: 0.313 ng
RT: 22.78 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:252 Resp: 24852

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	10.3	8.2	12.4



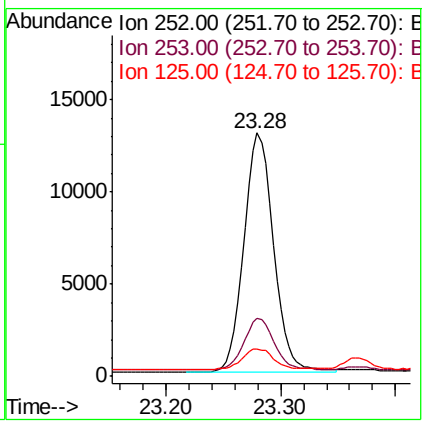


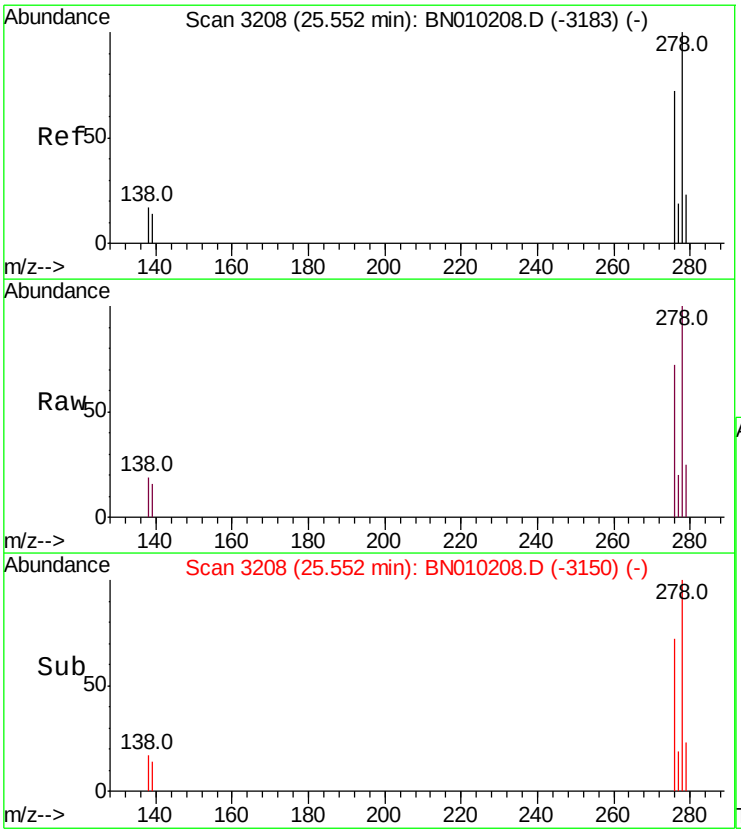
#37
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.28 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 23073

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	11.5	9.2	13.8

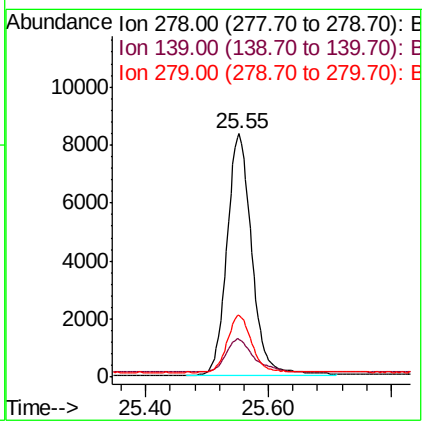


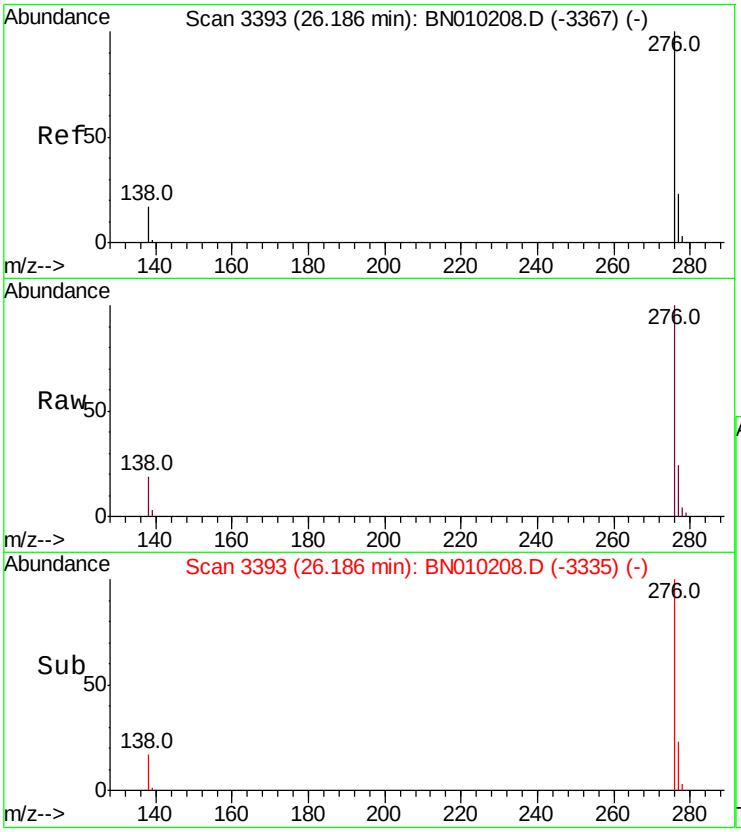


#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 25.55 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:278 Resp: 23270

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.4	18.6
279	25.2	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 26.19 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 23306

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	19.3	15.4	23.2