Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010238.D
Acq On : 17 Mar 2020 14:11
Operator : CG/JU
Sample : PB127524BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 17 16:29:32 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	3074	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	10450	0.40	ng		0.00
13) Acenaphthene-d10	14.25	164	6261	0.40	ng		-0.01
19) Phenanthrene-d10	17.00	188	14531	0.40	ng		0.00
27) Chrysene-d12	21.19	240	14951	0.40	ng		-0.01
34) Perylene-d12	23.36	264	15678	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2319	0.32	ng		0.00
5) Phenol-d6	6.81	99	2909	0.32	ng		0.00
8) Nitrobenzene-d5	8.76	82	2446	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6541	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	750	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	9713	0.44	ng		0.00
25) Fluoranthene-d10	19.03	212	16775	0.37	ng		0.00
29) Terphenyl-d14	19.64	244	13321	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1166	0.389	ng	#	56
3) n-Nitrosodimethylamine	3.58	42	802	0.302	ng	#	32
6) bis(2-Chloroethyl)ether	7.07	93	2865	0.381	ng		95
9) Naphthalene	10.44	128	10382	0.397	ng		96
10) Hexachlorobutadiene	10.75	225	2540	0.421	ng	#	99
12) 2-Methylnaphthalene	12.06	142	7087	0.377	ng		95
16) Acenaphthylene	13.97	152	9654	0.334	ng		99
17) Acenaphthene	14.31	154	6699	0.382	ng		97
18) Fluorene	15.31	166	9071	0.379	ng		99
20) 4-Bromophenyl-phenylether	16.20	248	3372	0.404	ng		97
21) Hexachlorobenzene	16.31	284	3732	0.458	ng		99
22) Pentachlorophenol	16.66	266	799	0.318	ng		92
23) Phenanthrene	17.03	178	15692	0.407	ng		100
24) Anthracene	17.12	178	13058	0.340	ng		100
26) Fluoranthene	19.06	202	19007	0.389	ng		99
28) Pyrene	19.42	202	18820	0.377	ng		99
30) Benzo(a)anthracene	21.17	228	17412	0.343	ng		99
31) Chrysene	21.23	228	20672	0.413	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	4287	0.198	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.52	276	21553	0.363	ng		98
35) Benzo(b)fluoranthene	22.72	252	19751	0.410	ng		98
36) Benzo(k)fluoranthene	22.76	252	19860	0.408	ng		99
37) Benzo(a)pyrene	23.27	252	16485	0.362	ng		99
38) Dibenzo(a,h)anthracene	25.54	278	17905	0.392	ng		98
39) Benzo(g,h,i)perylene	26.16	276	18322	0.402	ng		98

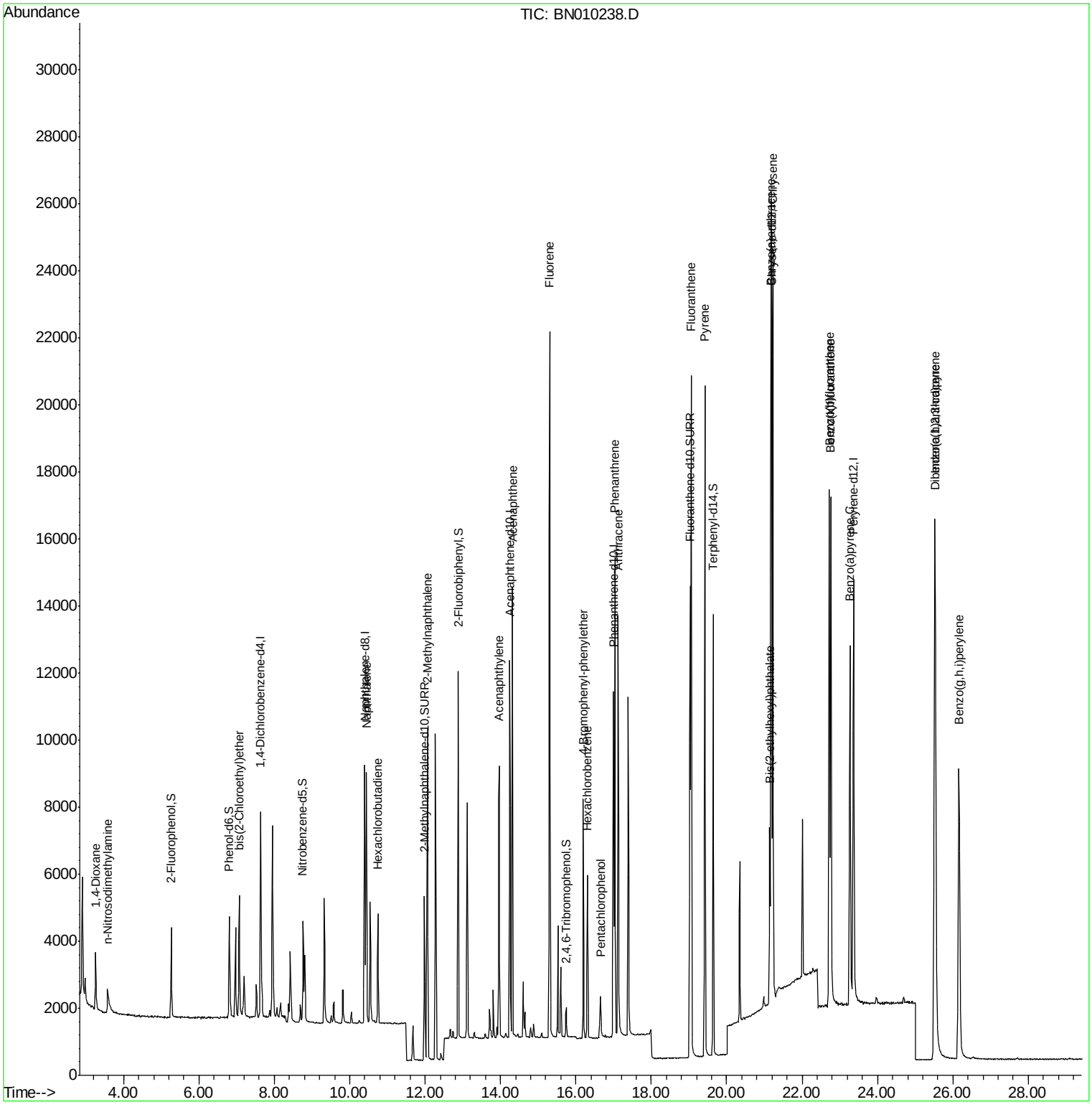
(#) = qualifier out of range (m) = manual integration (+) = signals summed

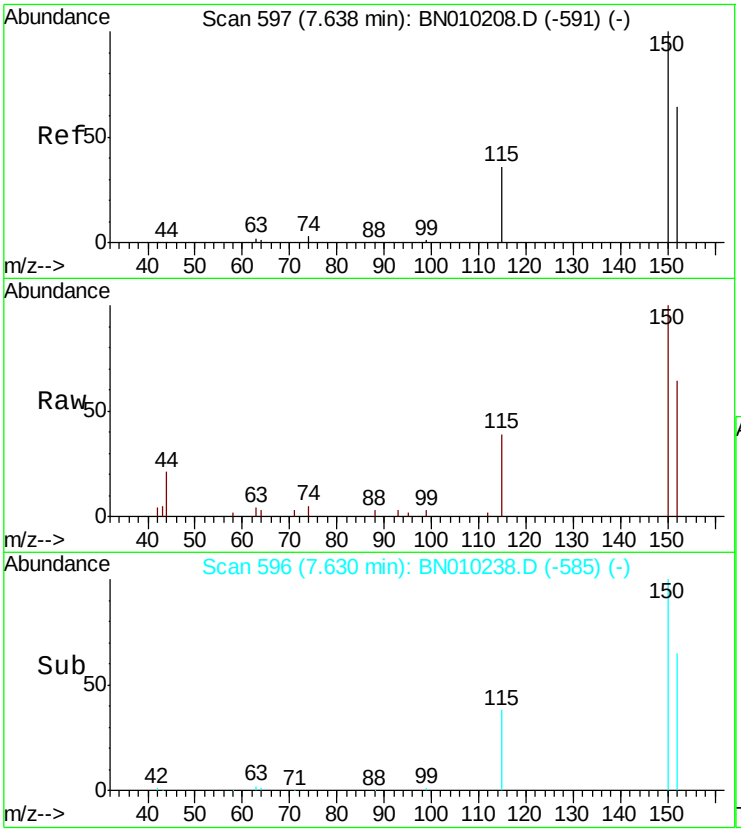
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010238.D
Acq On : 17 Mar 2020 14:11
Operator : CG/JU
Sample : PB127524BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 17 16:29:32 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



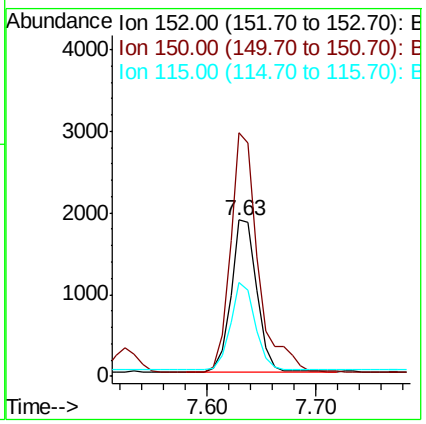


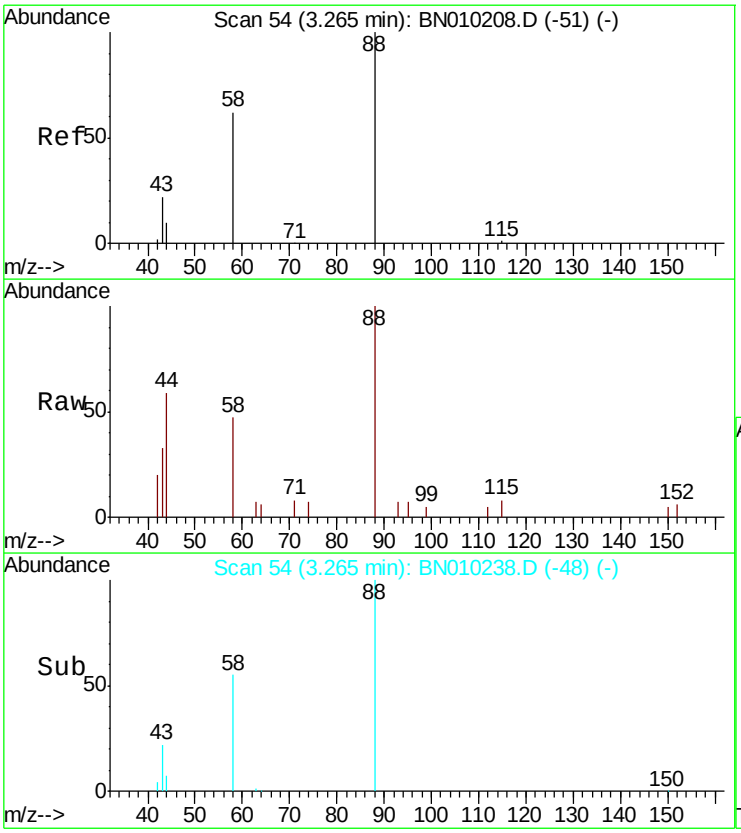
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3074

Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	60.4	50.9	76.3

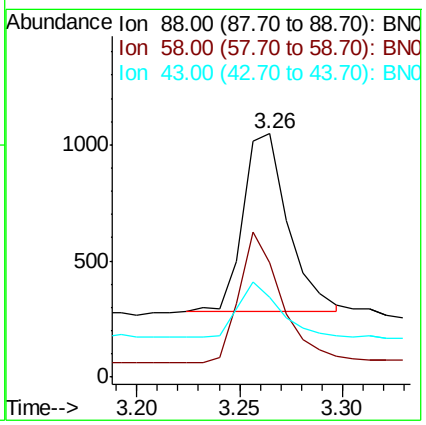


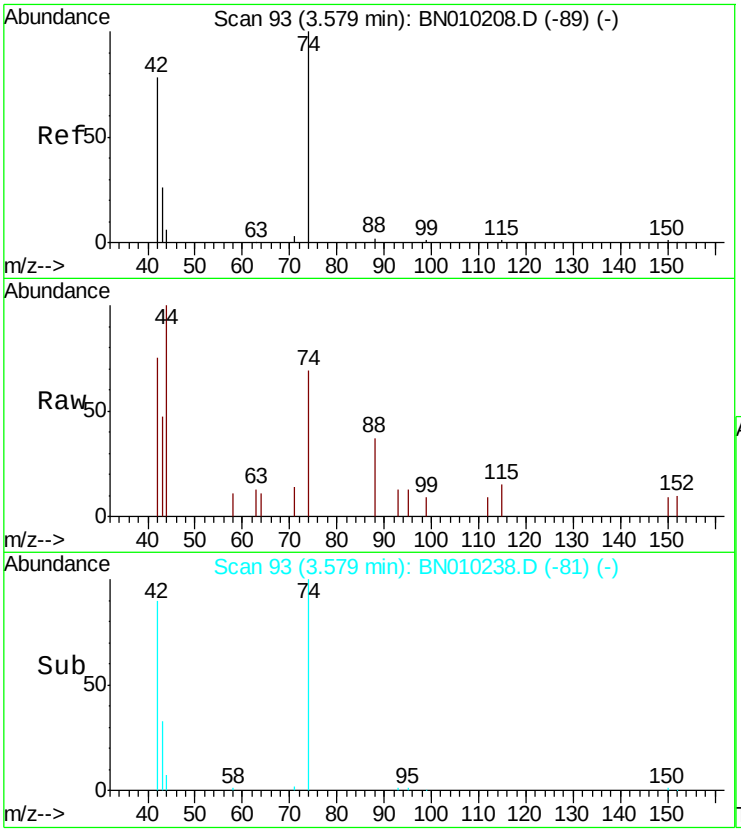


#2
1,4-Dioxane
Concen: 0.389 ng
RT: 3.26 min Scan# 54
Delta R.T. 0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion: 88 Resp: 1166

Ion	Ratio	Lower	Upper
88	100		
58	69.1	97.8	146.8#
43	28.6	45.1	67.7#



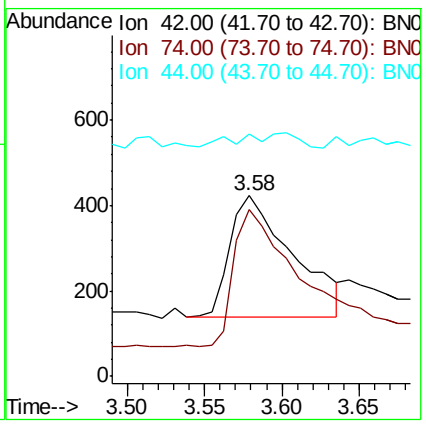


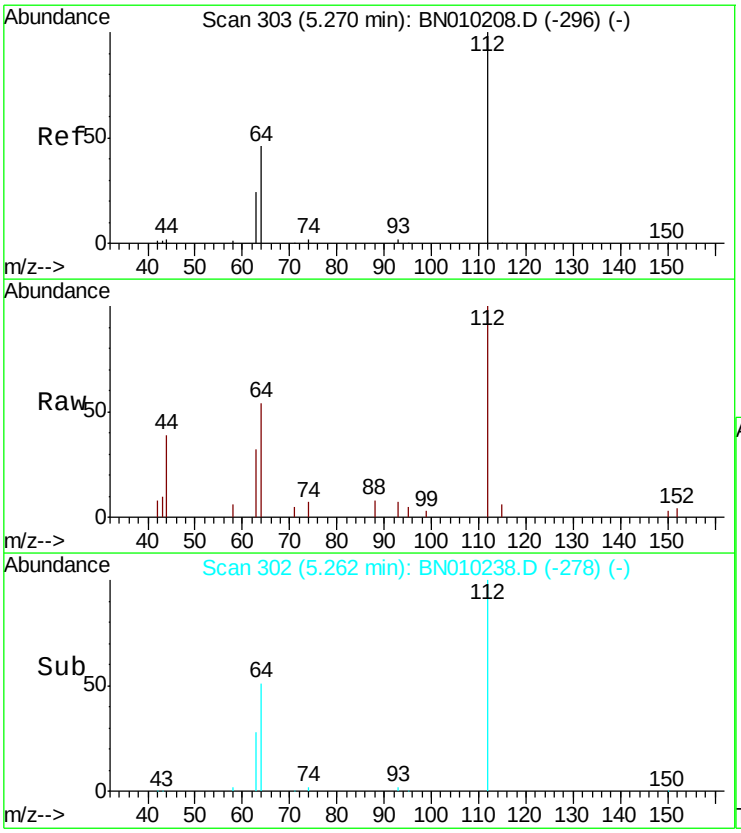
#3
n-Nitrosodimethylamine
Concen: 0.302 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 802

Ion	Ratio	Lower	Upper
42	100		
74	119.7	51.2	76.8#
44	3.1	2.6	4.0

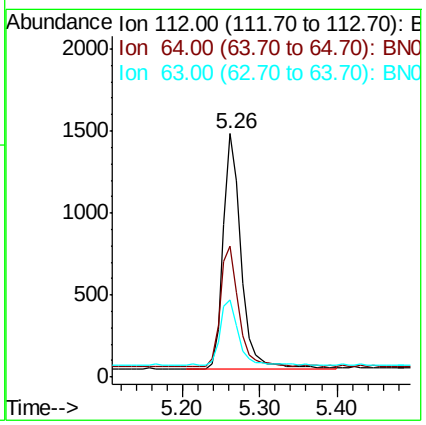


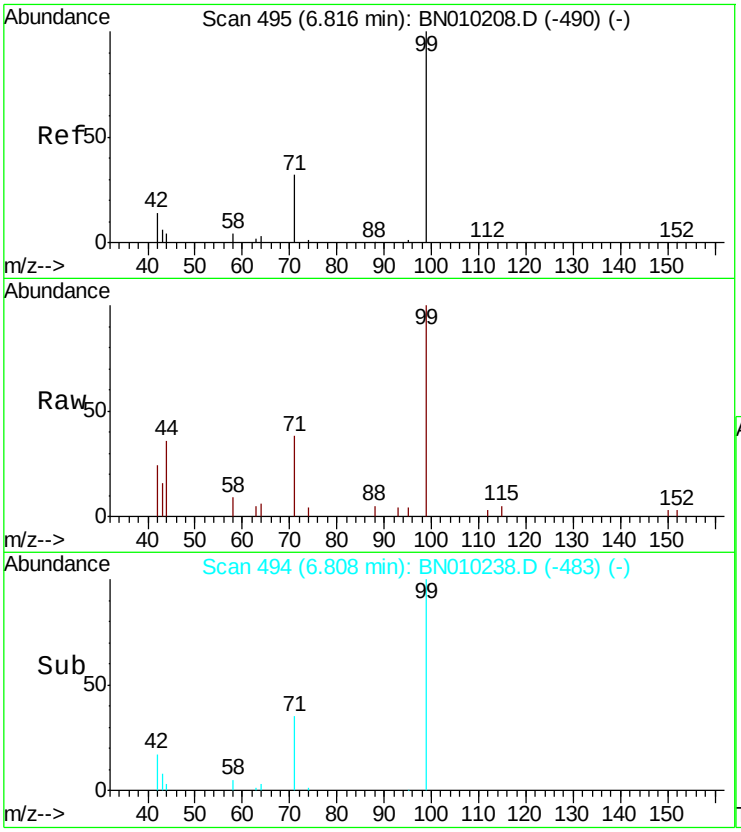


#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:112 Resp: 2319

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	63.8
63	29.5	23.6	35.4



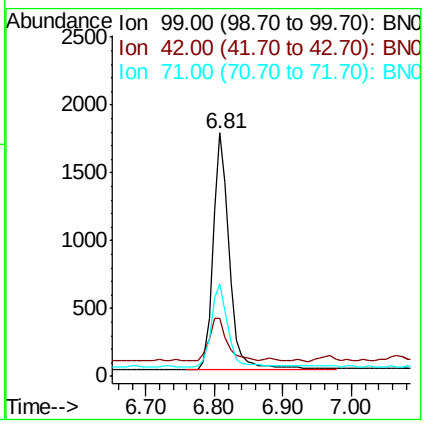


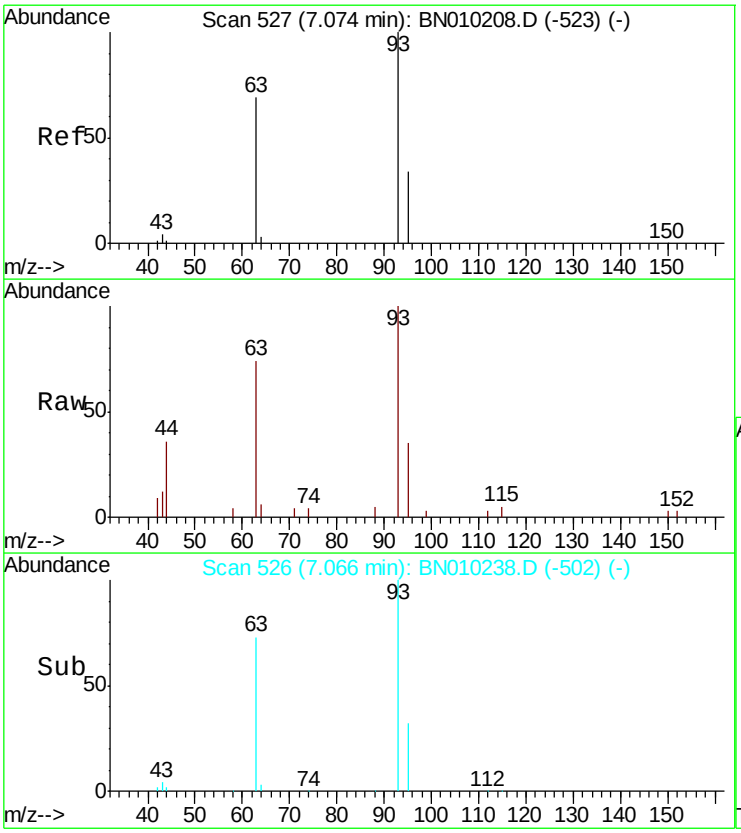
#5
Phenol-d6
Concen: 0.323 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2909

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.0	18.0#
71	35.5	22.6	33.8#

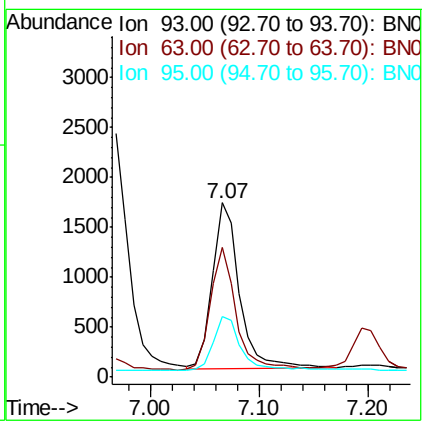


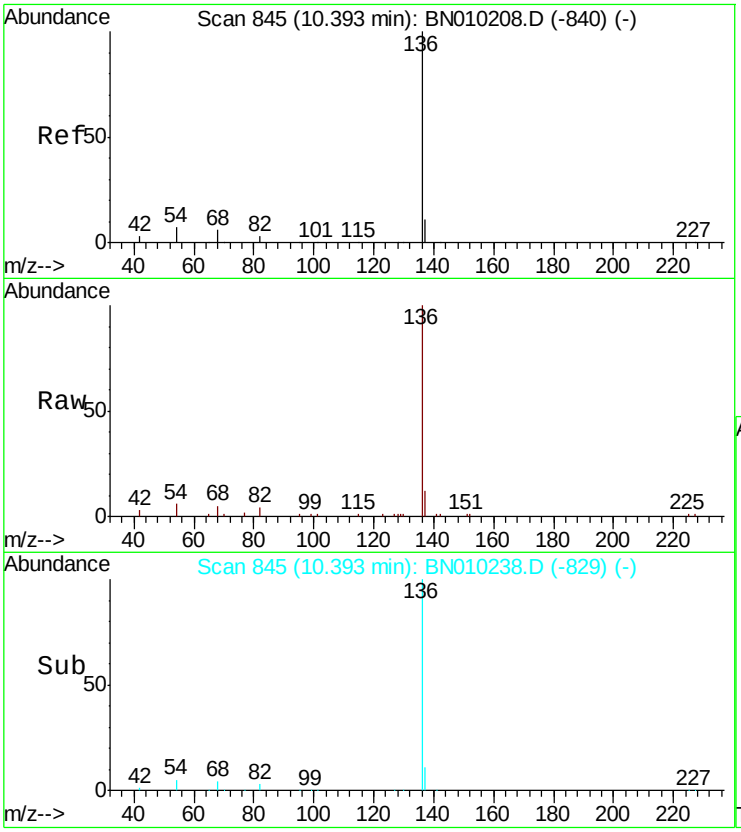


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.07 min Scan# 526
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion: 93 Resp: 2865

Ion	Ratio	Lower	Upper
93	100		
63	71.5	53.4	80.0
95	33.4	28.6	42.8



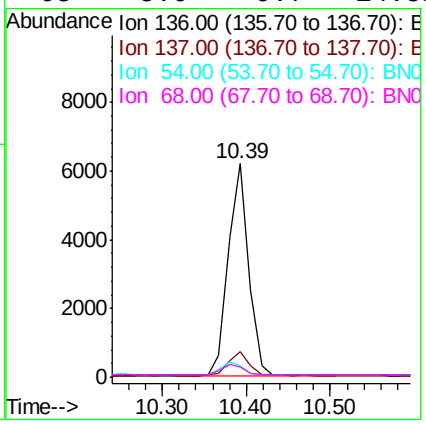


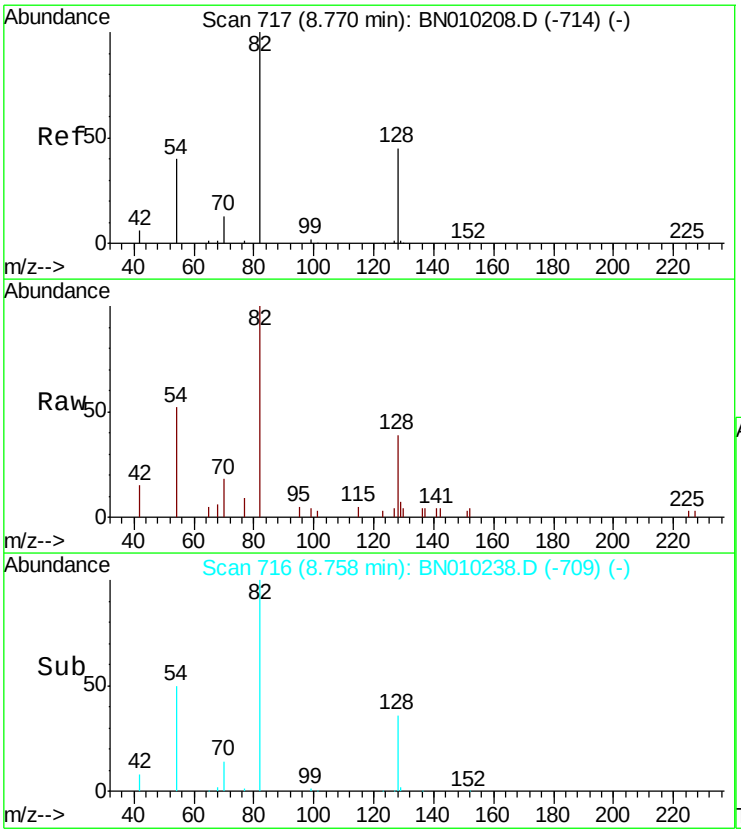
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 10450

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.6	15.8
54	5.6	9.5	14.3#
68	5.0	9.7	14.5#

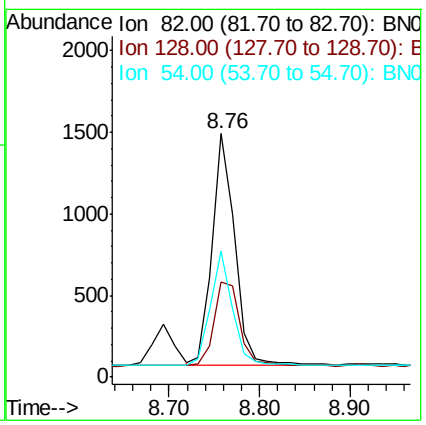


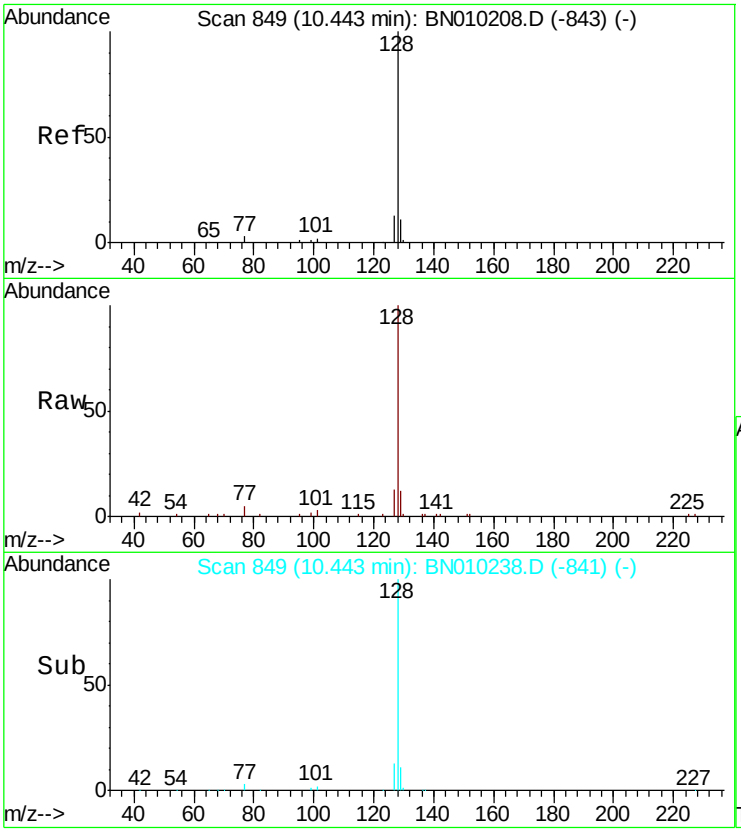


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion: 82 Resp: 2446

Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.0	52.6
54	51.6	37.0	55.4



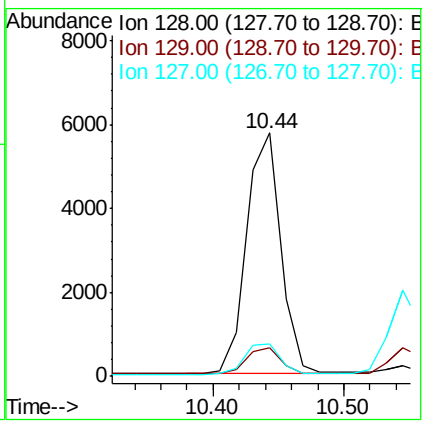


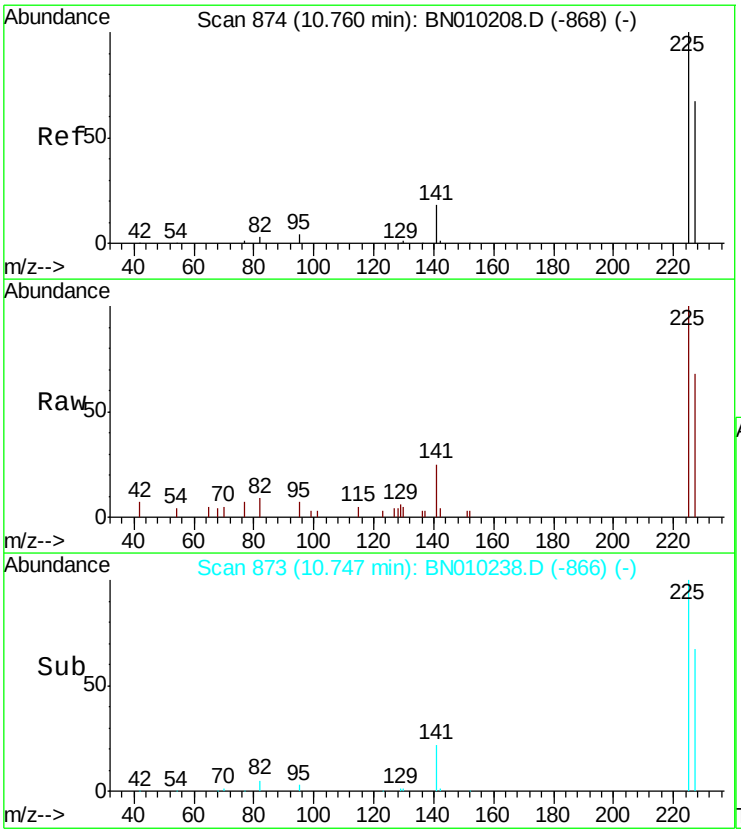
#9
Naphthalene
Concen: 0.397 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 10382

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.5	15.7
127	13.4	12.1	18.1

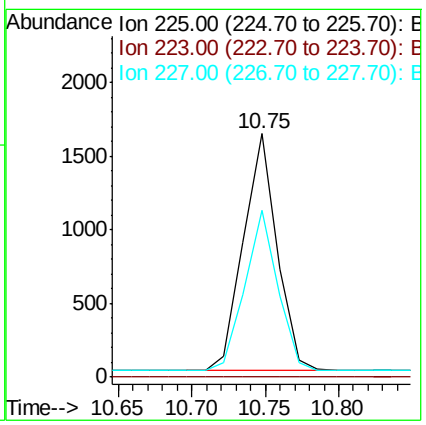


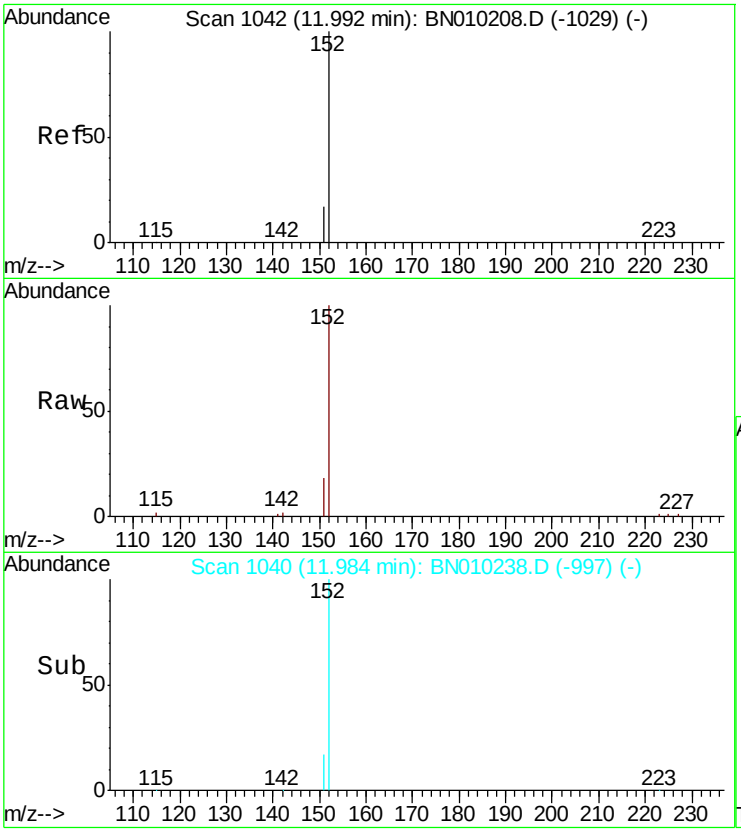


#10
Hexachlorobutadiene
Concen: 0.421 ng
RT: 10.75 min Scan# 873
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:225 Resp: 2540

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.2	53.4	80.2



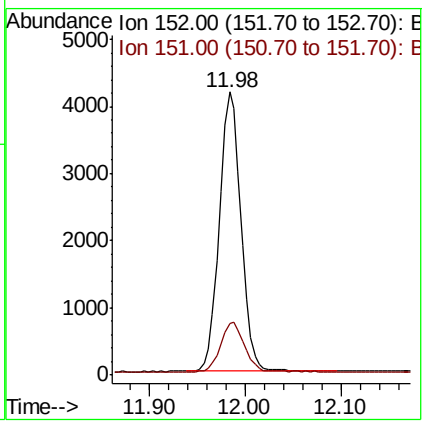


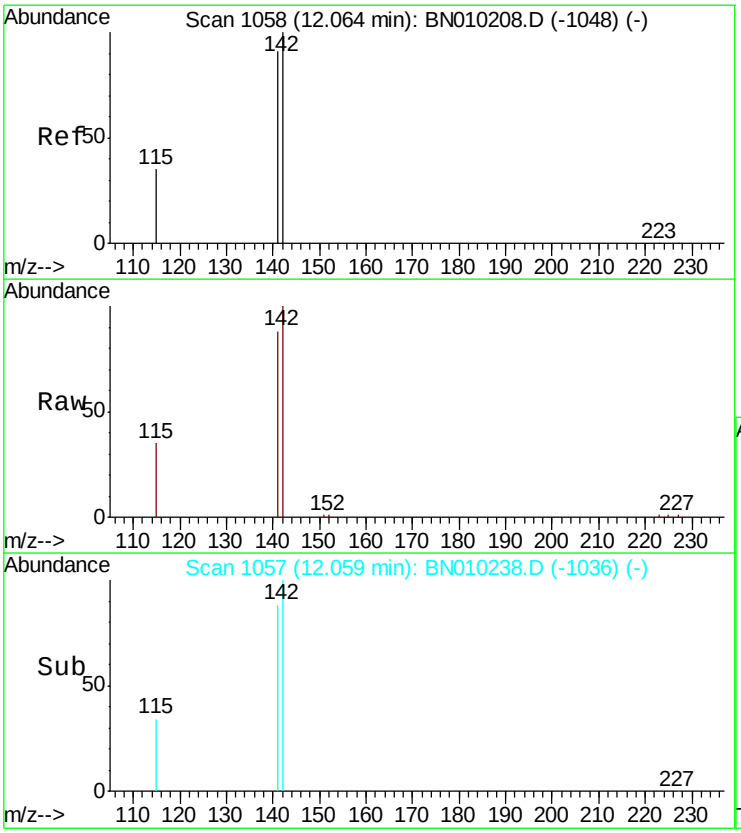
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6541

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6

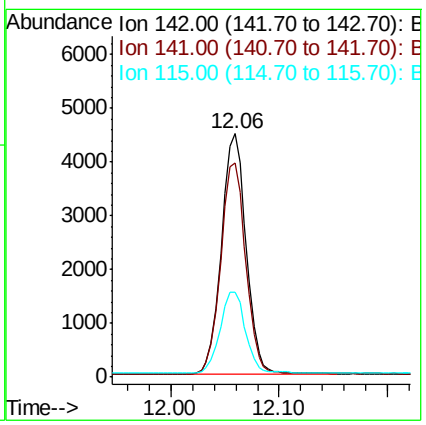


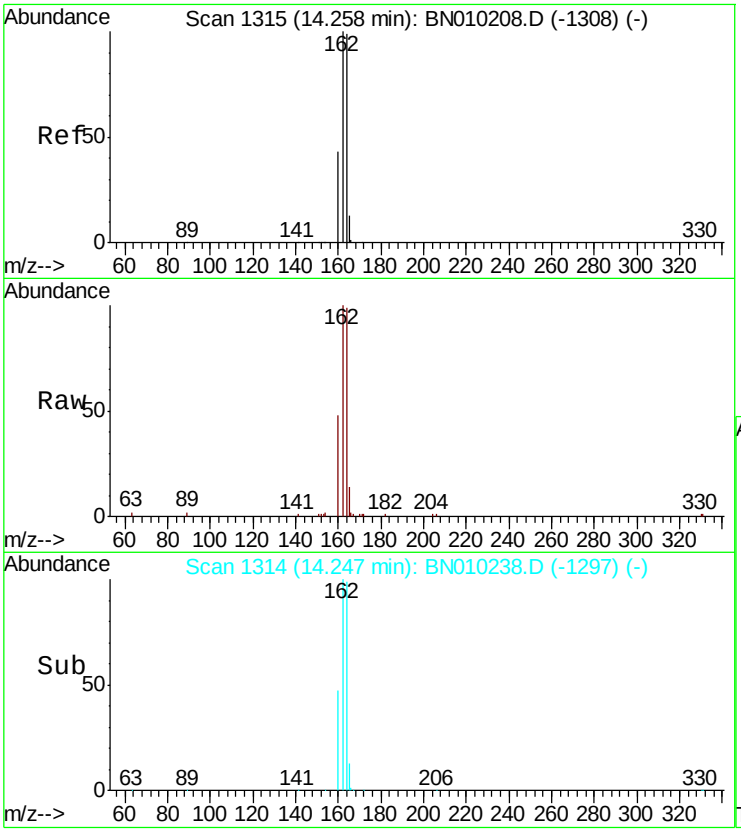


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.06 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:142 Resp: 7087

Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.7	110.5
115	35.1	31.2	46.8



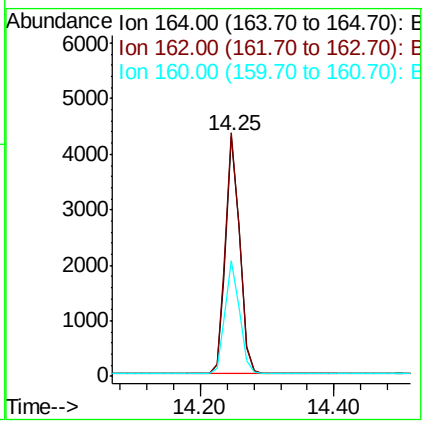


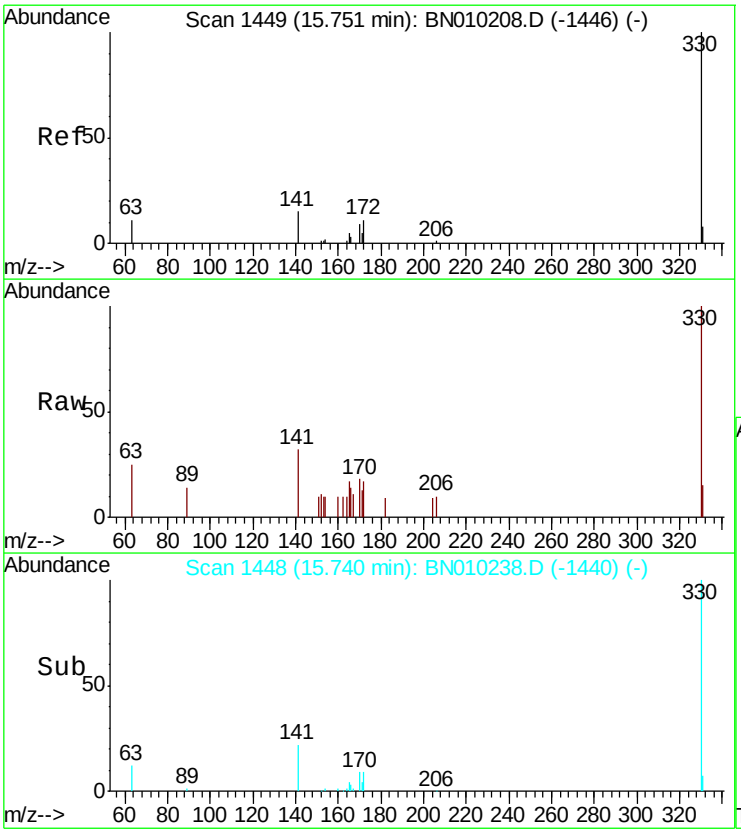
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6261

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.0	121.4
160	48.2	35.6	53.4

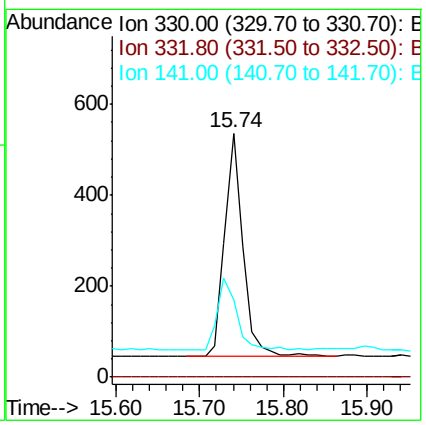


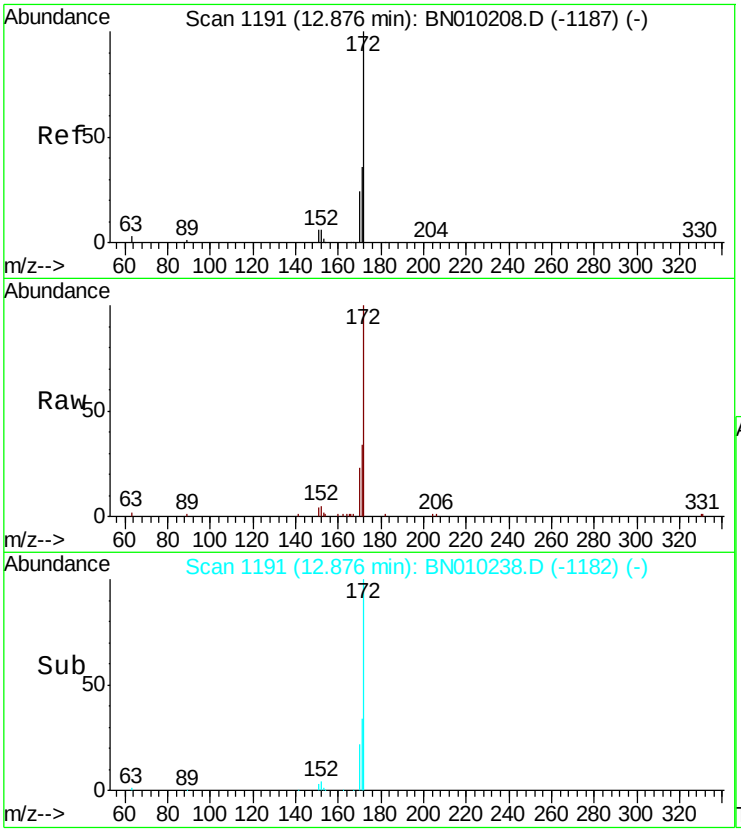


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.74 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:330 Resp: 750

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	25.1	37.7



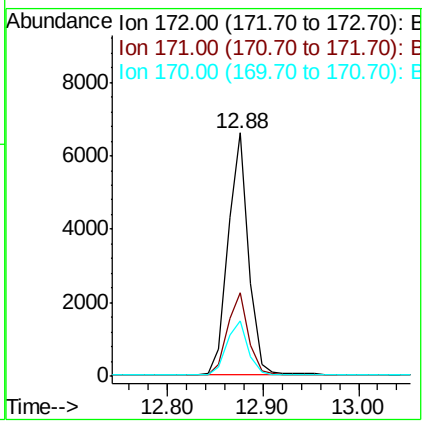


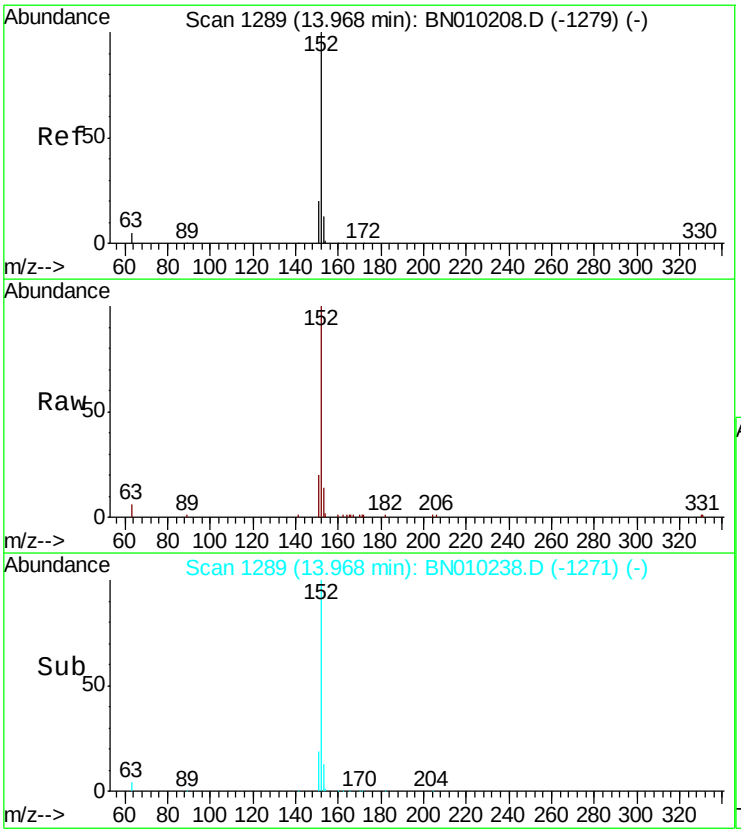
#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9713

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.4	44.2
170	22.7	20.2	30.4

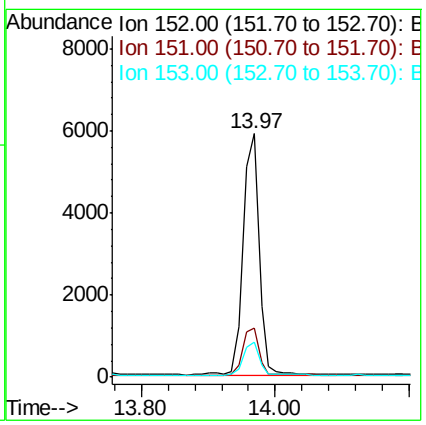


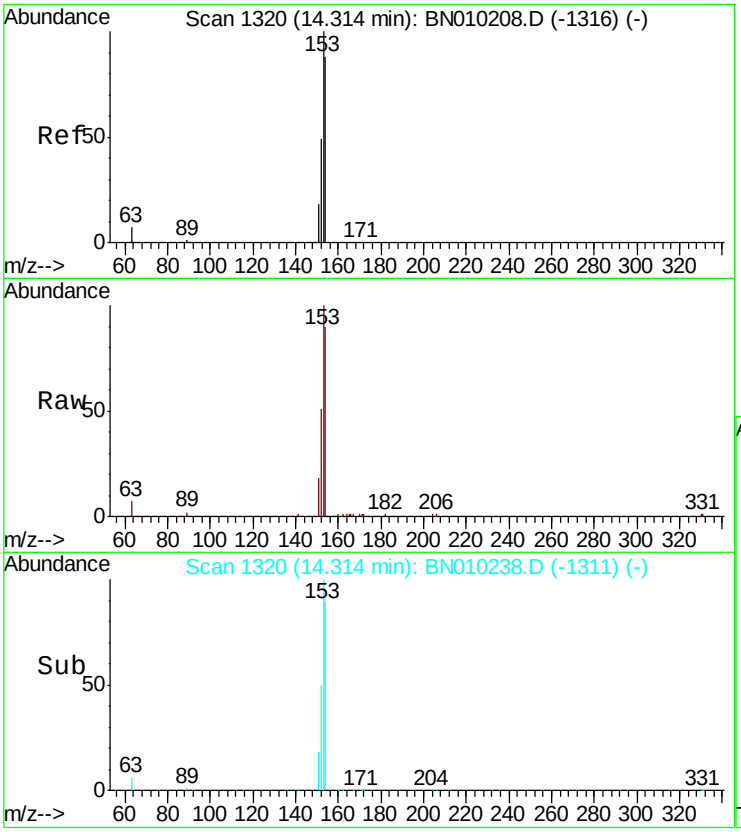


#16
Acenaphthylene
Concen: 0.334 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:152 Resp: 9654

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.2	10.6	16.0



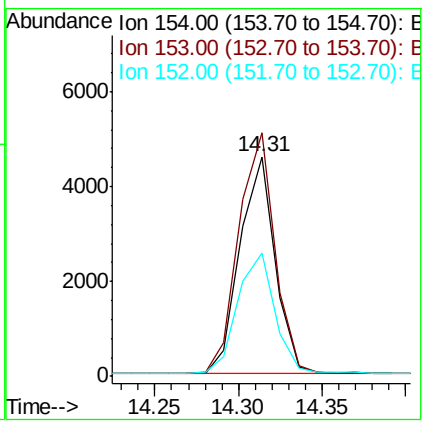


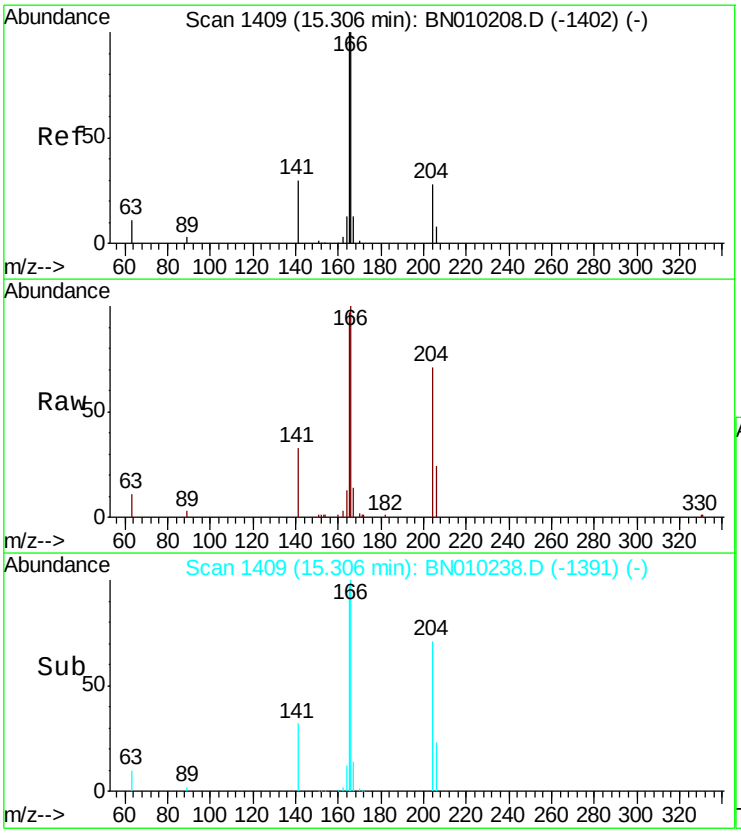
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6699

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.3	135.5
152	59.2	42.9	64.3

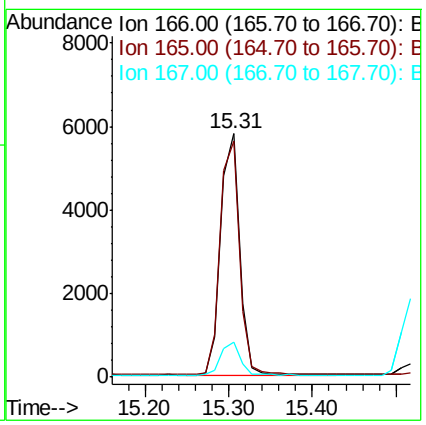


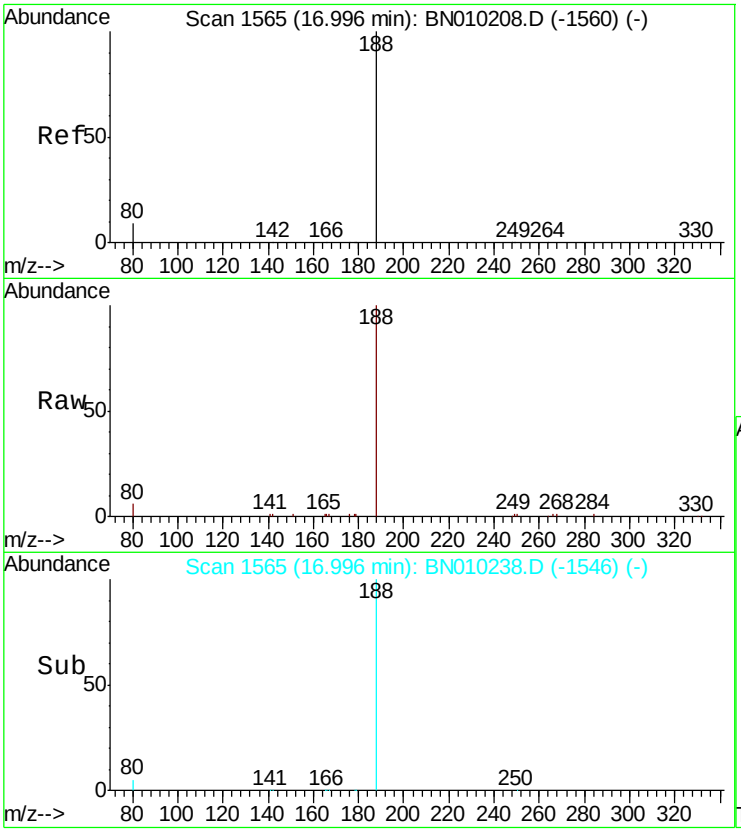


#18
Fluorene
Concen: 0.379 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:166 Resp: 9071

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.3	117.5
167	13.8	10.7	16.1



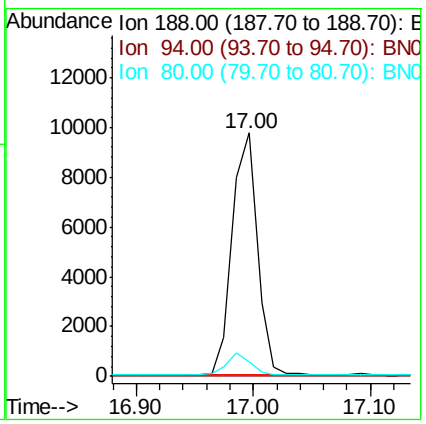


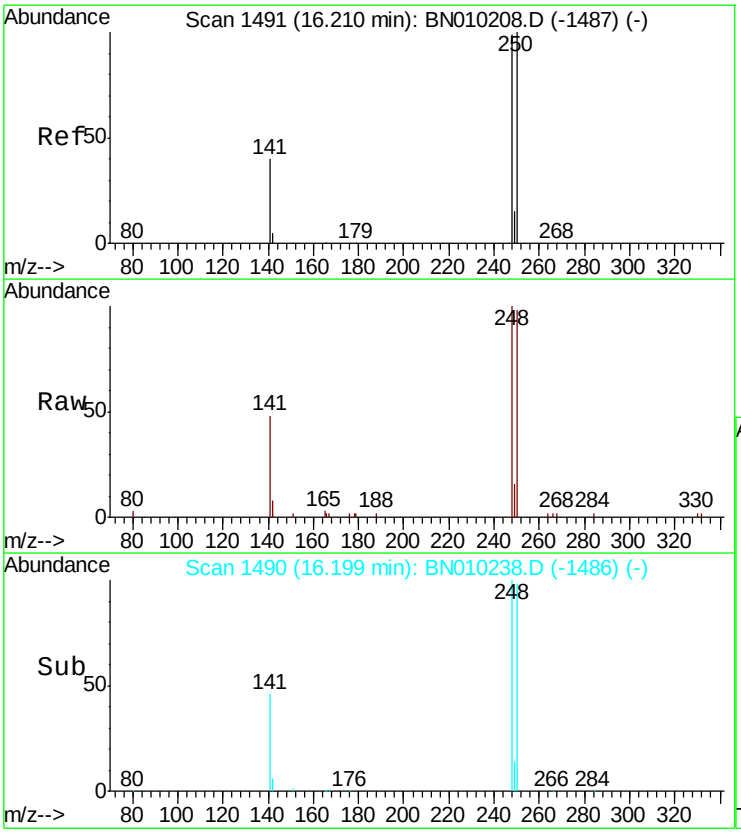
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 14531

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	8.6	12.8#

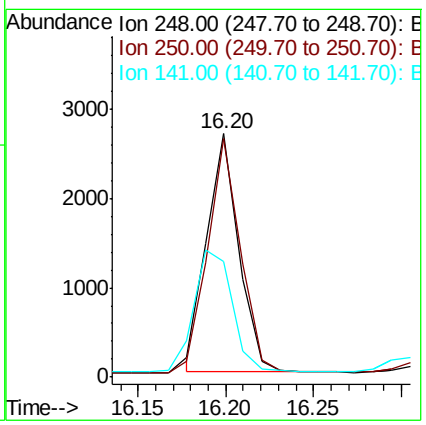


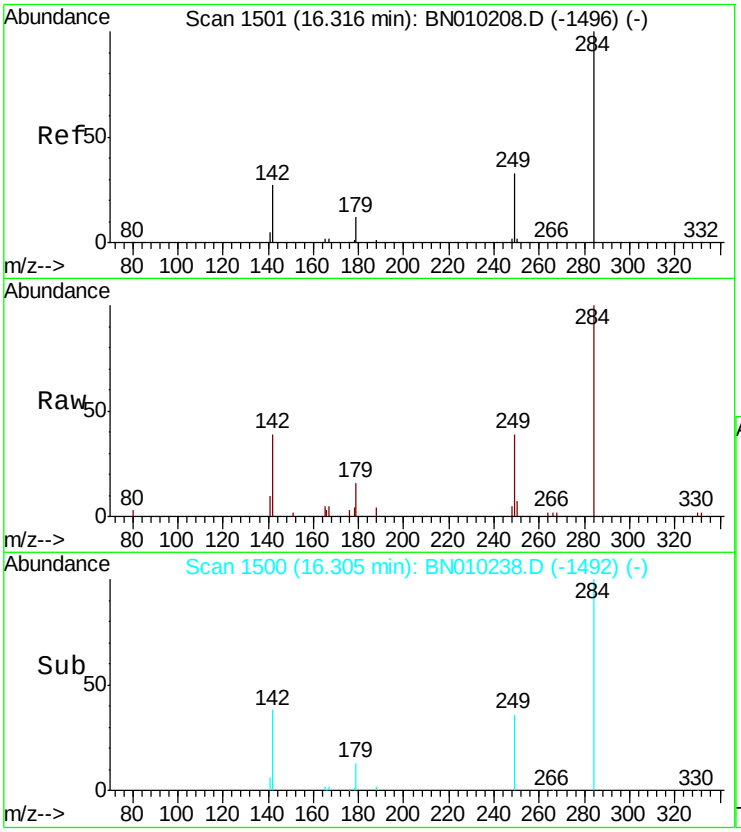


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.20 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:248 Resp: 3372

Ion	Ratio	Lower	Upper
248	100		
250	98.2	81.2	121.8
141	47.7	36.7	55.1



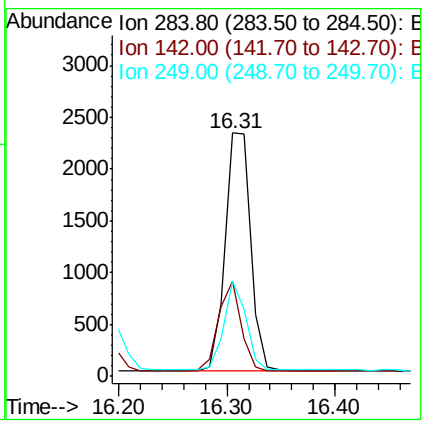


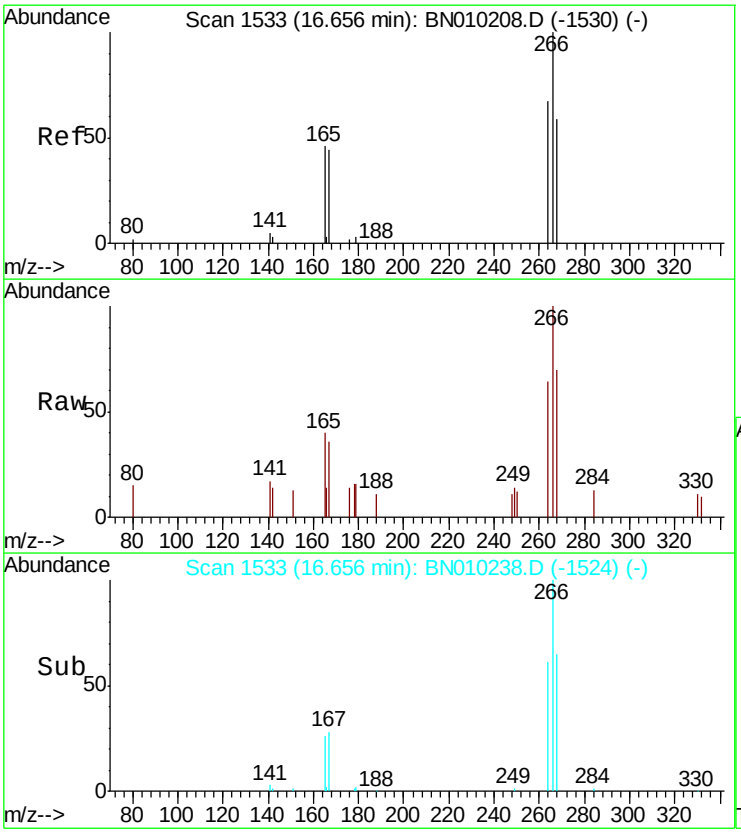
#21
Hexachlorobenzene
Concen: 0.458 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 3732

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.8	41.6
249	32.6	26.6	39.8

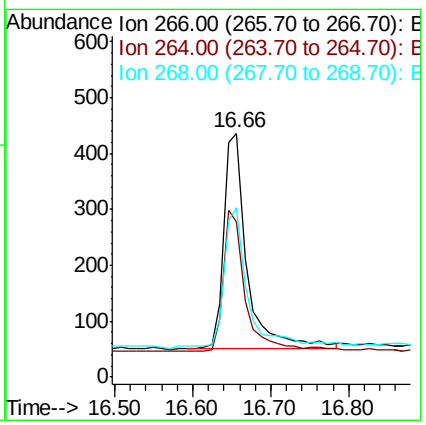


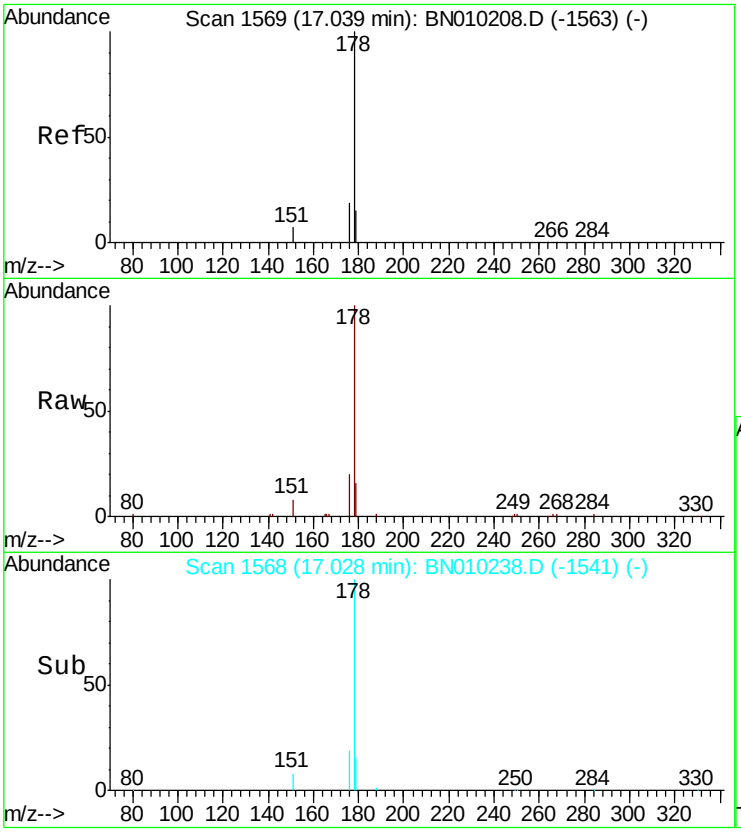


#22
Pentachlorophenol
Concen: 0.318 ng
RT: 16.66 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:266 Resp: 799

Ion	Ratio	Lower	Upper
266	100		
264	64.0	56.2	84.2
268	69.7	61.4	92.2



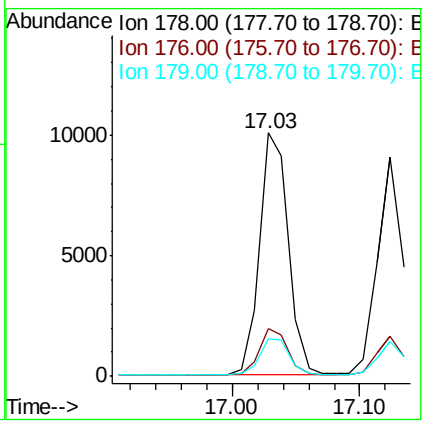


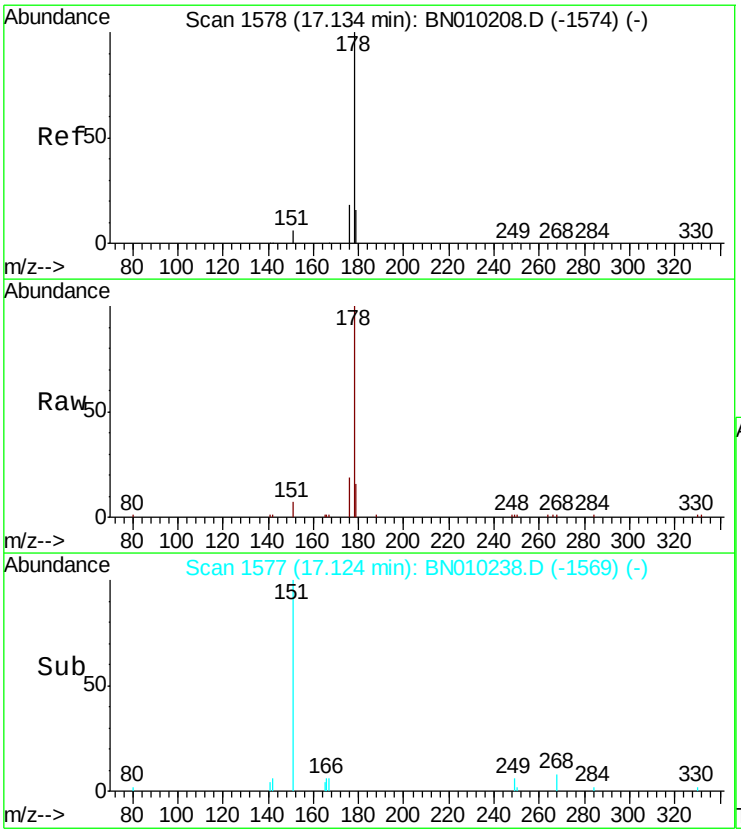
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15692

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.5	18.7

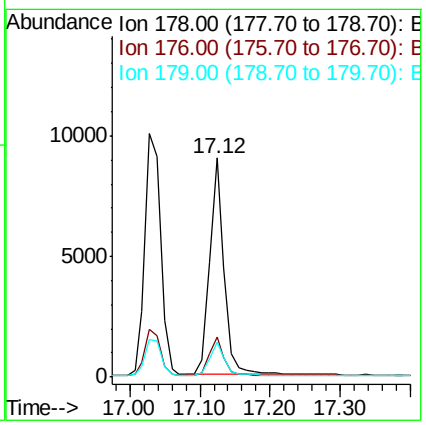


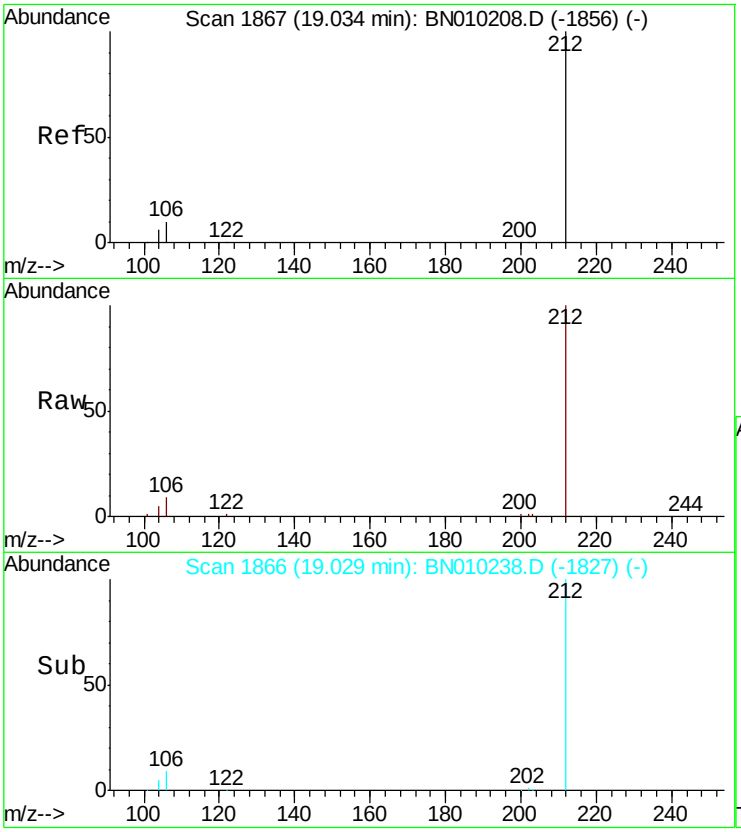


#24
Anthracene
Concen: 0.340 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:178 Resp: 13058

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.5	12.5	18.7



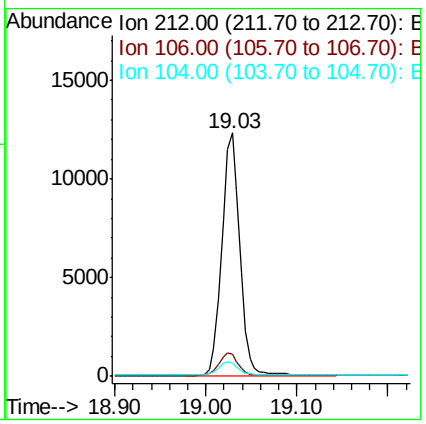


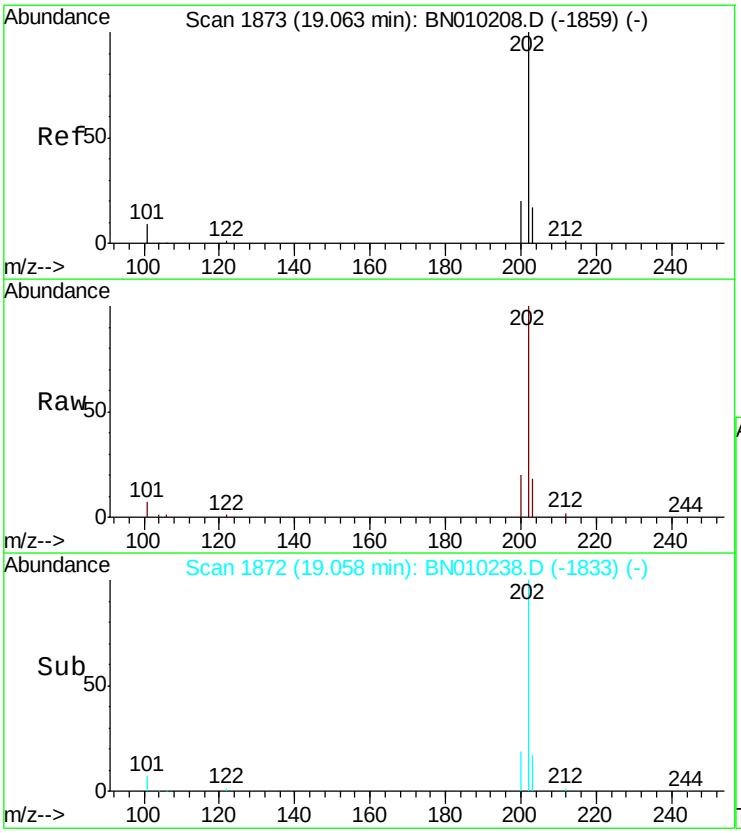
#25
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.03 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 16775

Ion	Ratio	Lower	Upper
212	100		
106	9.4	8.1	12.1
104	5.4	4.7	7.1

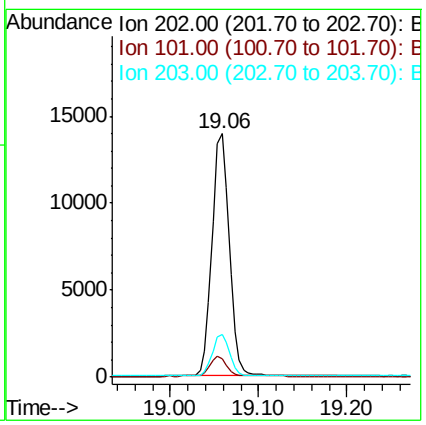


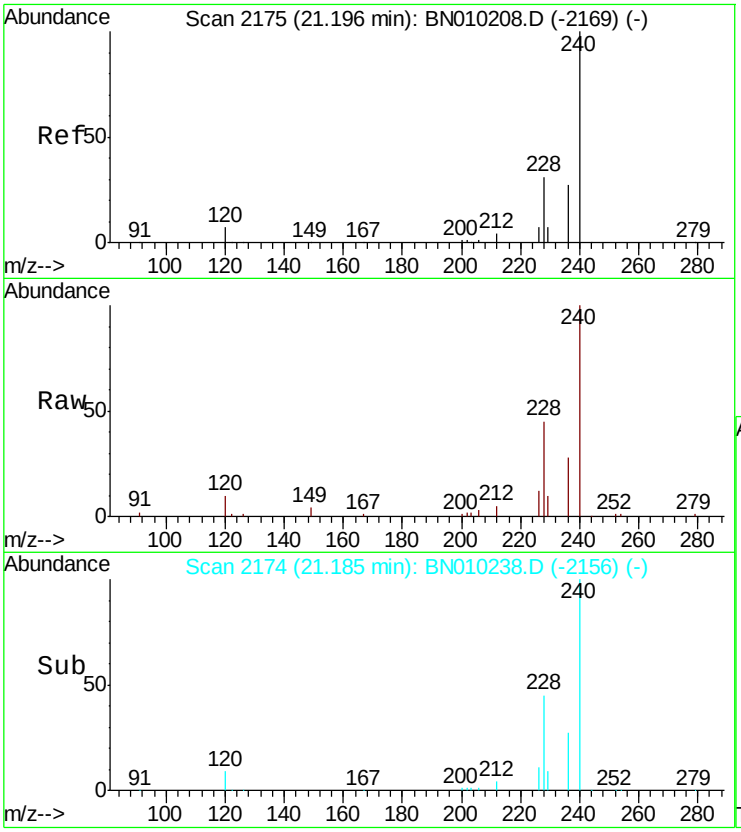


#26
Fluoranthene
Concen: 0.389 ng
RT: 19.06 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:202 Resp: 19007

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.6
203	17.0	13.9	20.9



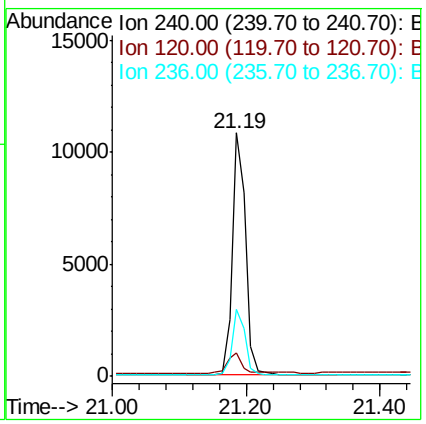


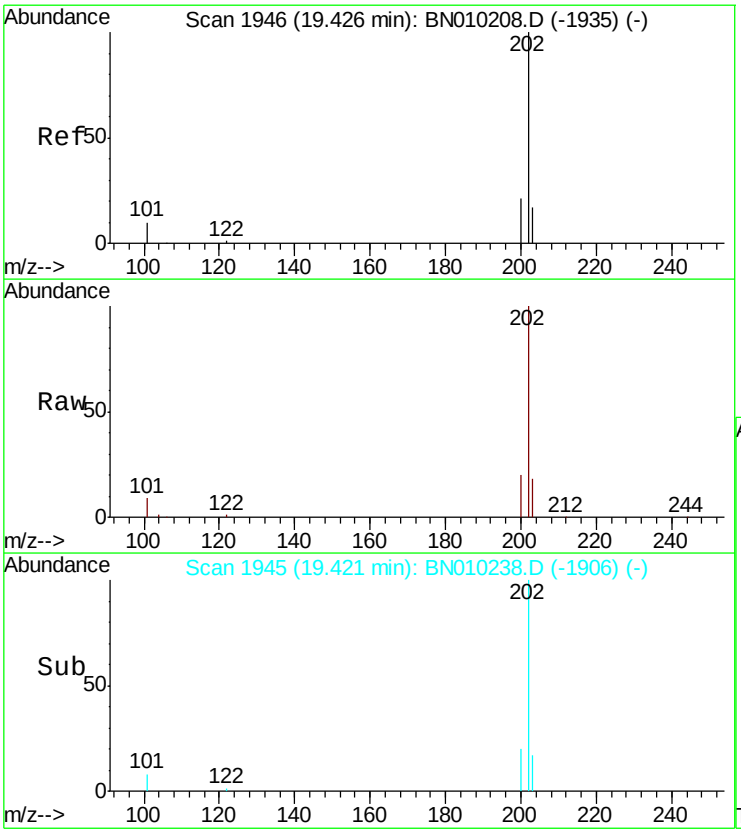
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 14951

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.7	11.5
236	27.7	21.8	32.6

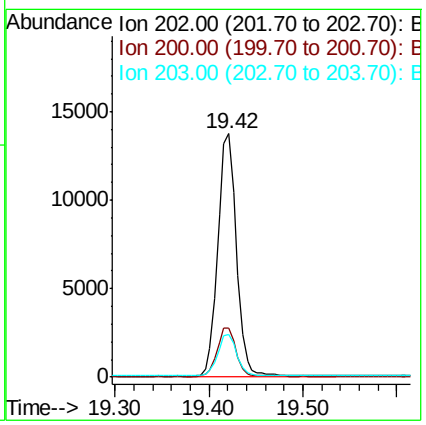


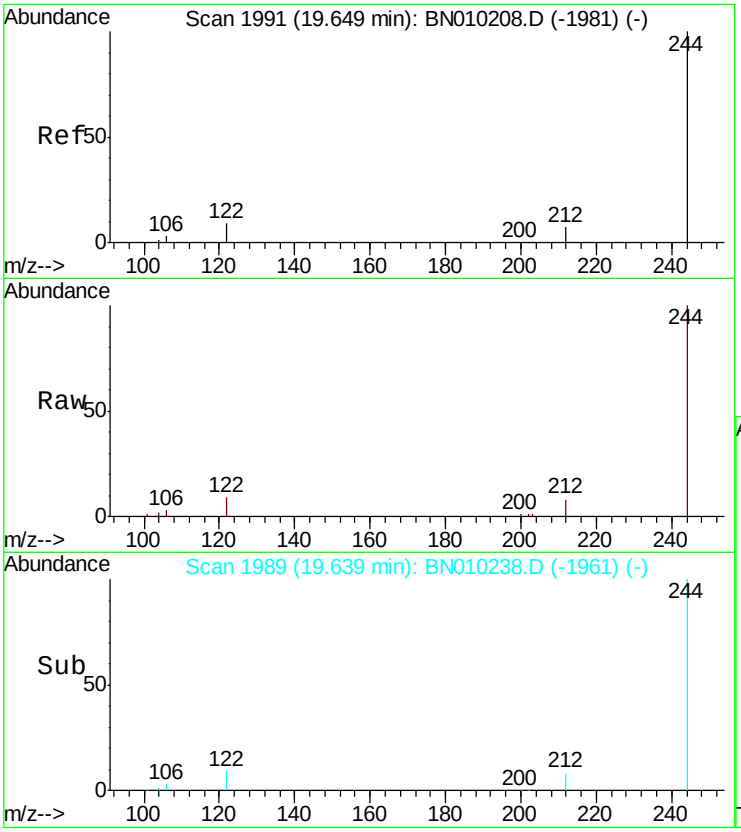


#28
Pyrene
Concen: 0.377 ng
RT: 19.42 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:202 Resp: 18820

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.4	14.1	21.1



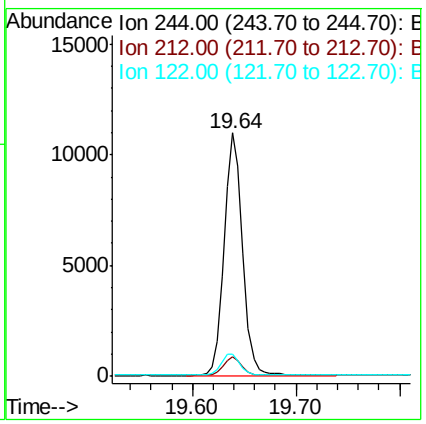


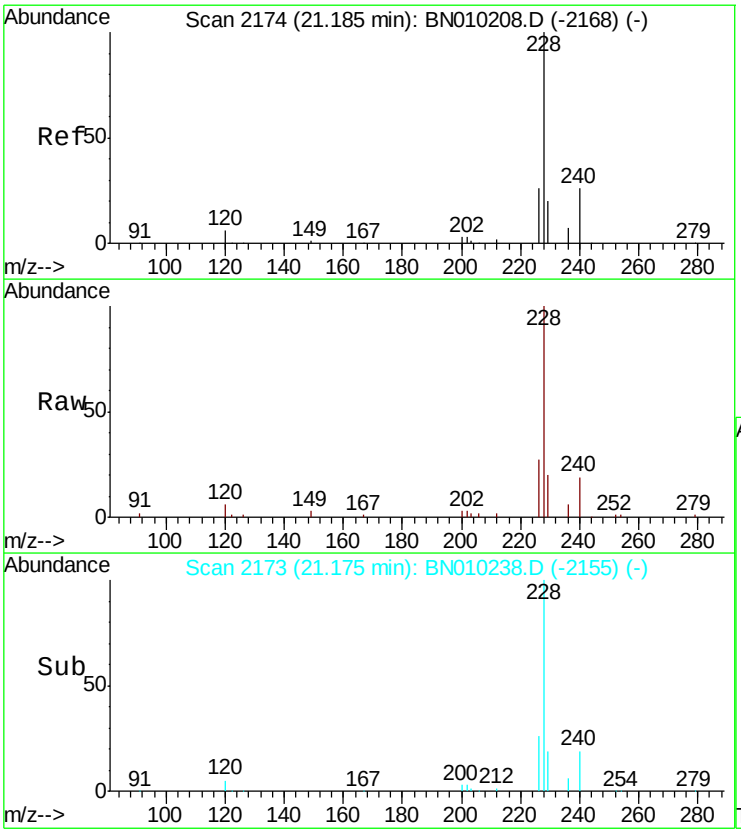
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.64 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 13321

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	9.0	8.1	12.1

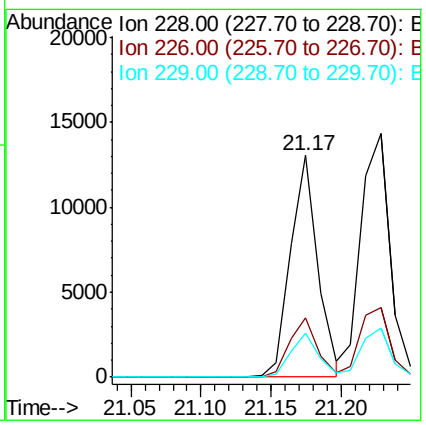


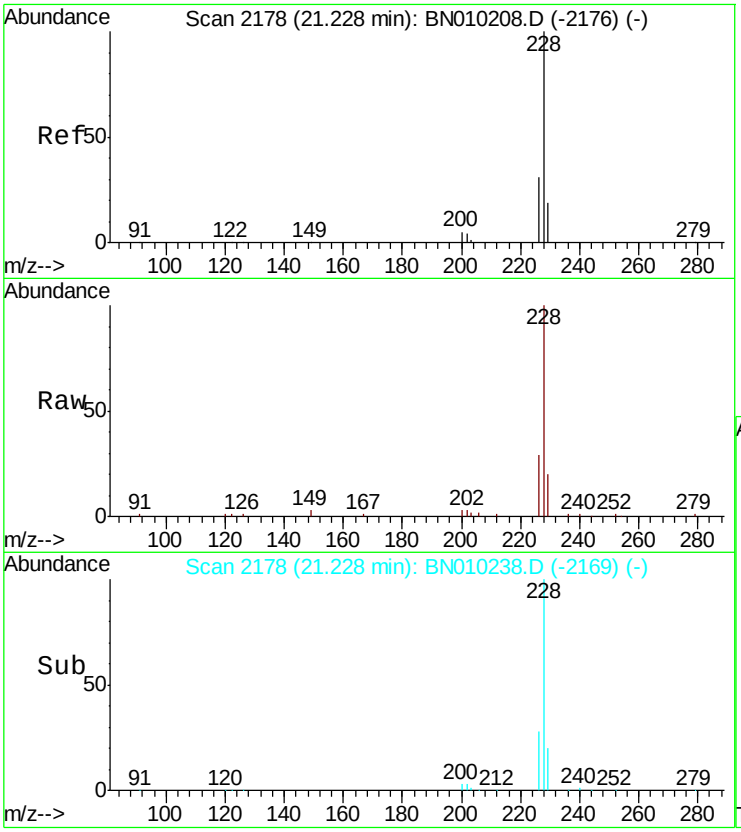


#30
Benzo(a)anthracene
Concen: 0.343 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:228 Resp: 17412

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.1	31.7
229	19.7	16.2	24.4



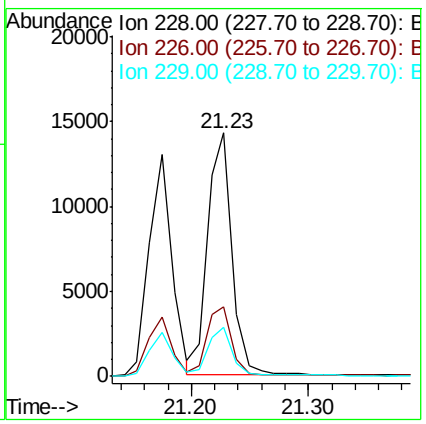


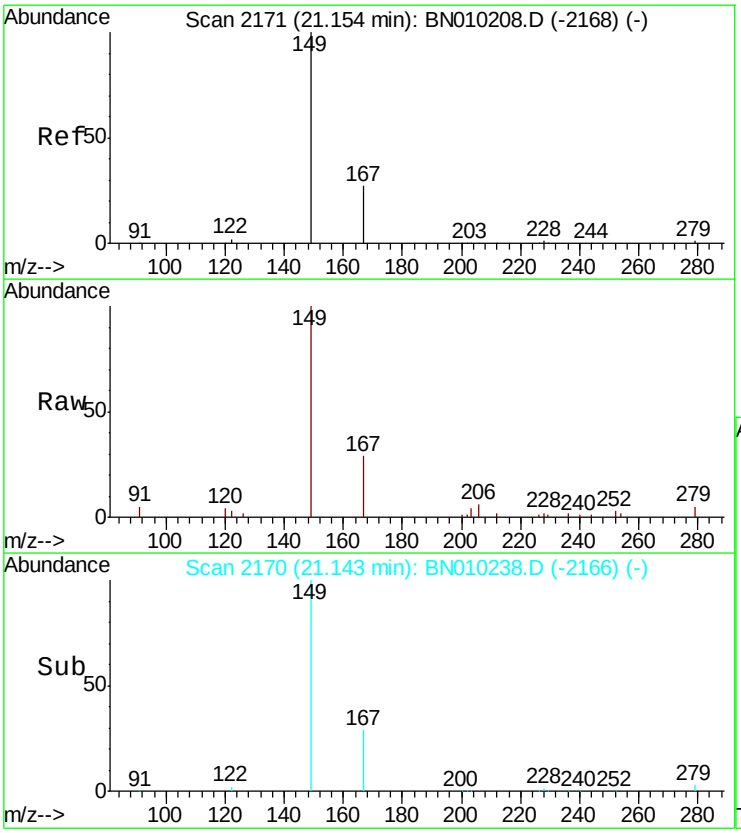
#31
Chrysene
Concen: 0.413 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 20672

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.4
229	20.4	15.7	23.5

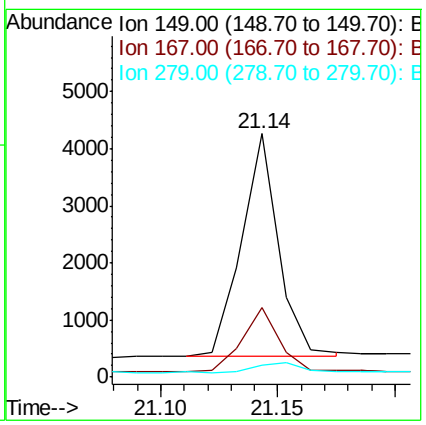


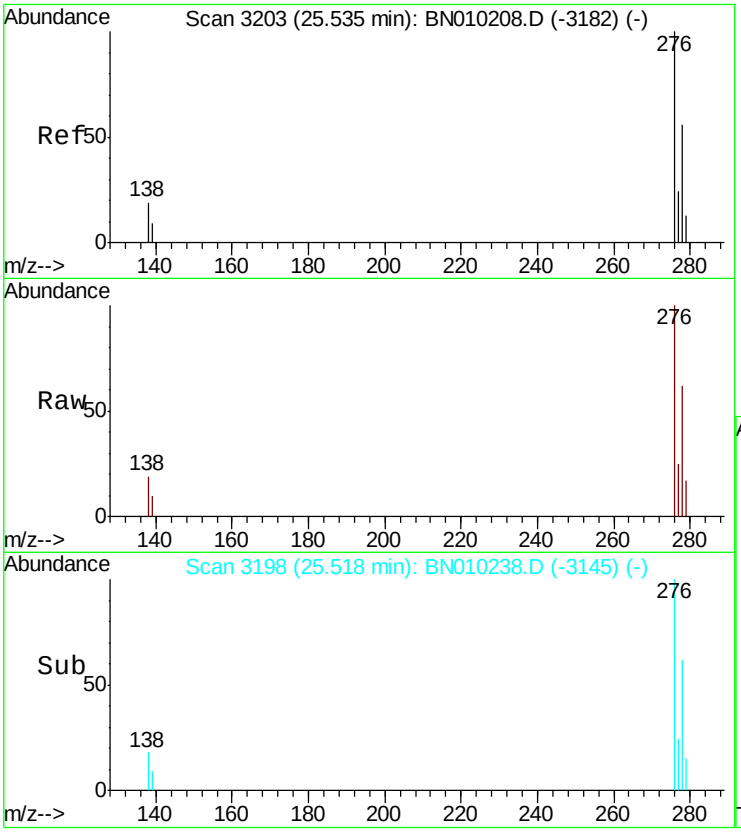


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.198 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:149 Resp: 4287

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.0	31.4
279	4.9	3.1	4.7#



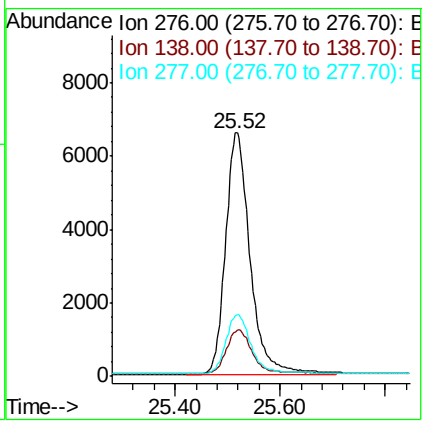


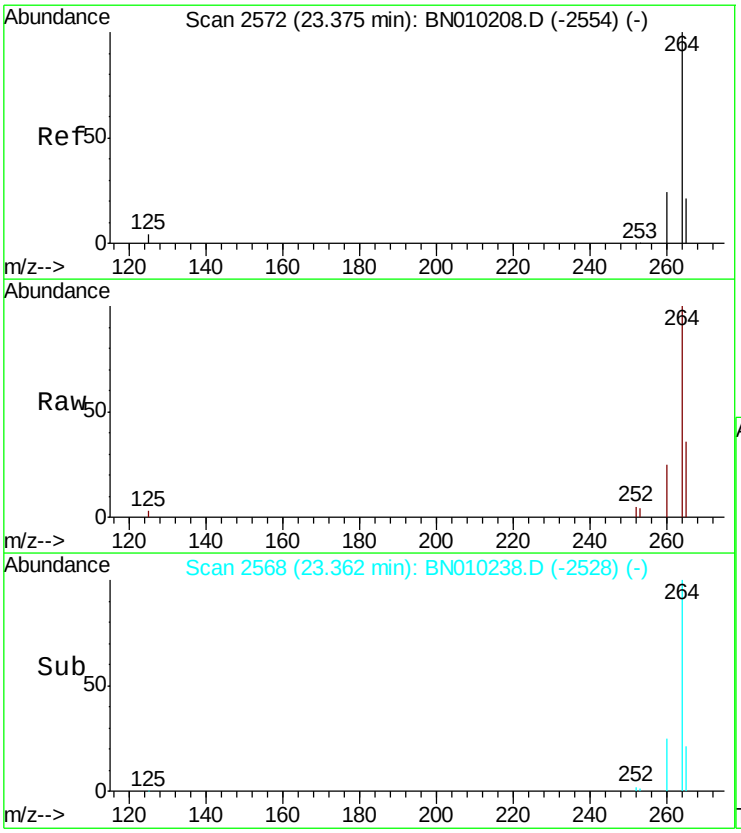
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 21553

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.8	23.6
277	24.7	19.3	28.9

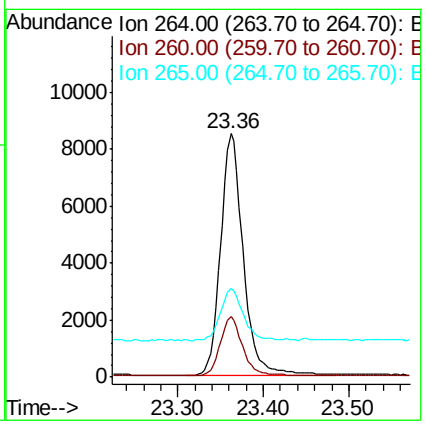


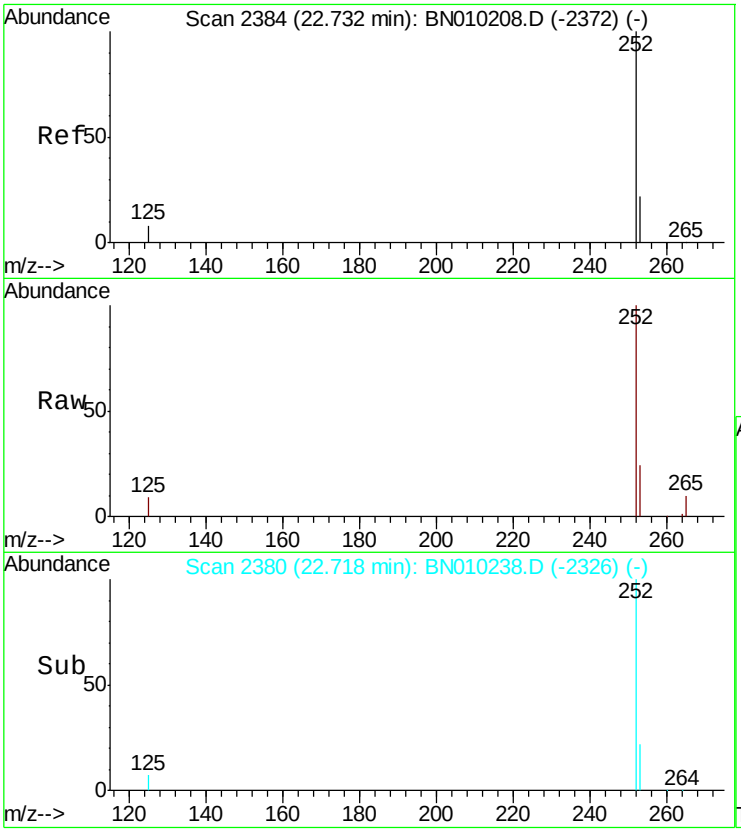


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:264 Resp: 15678

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	36.2	25.8	38.6



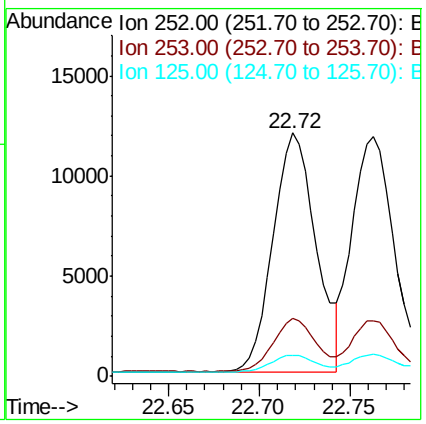


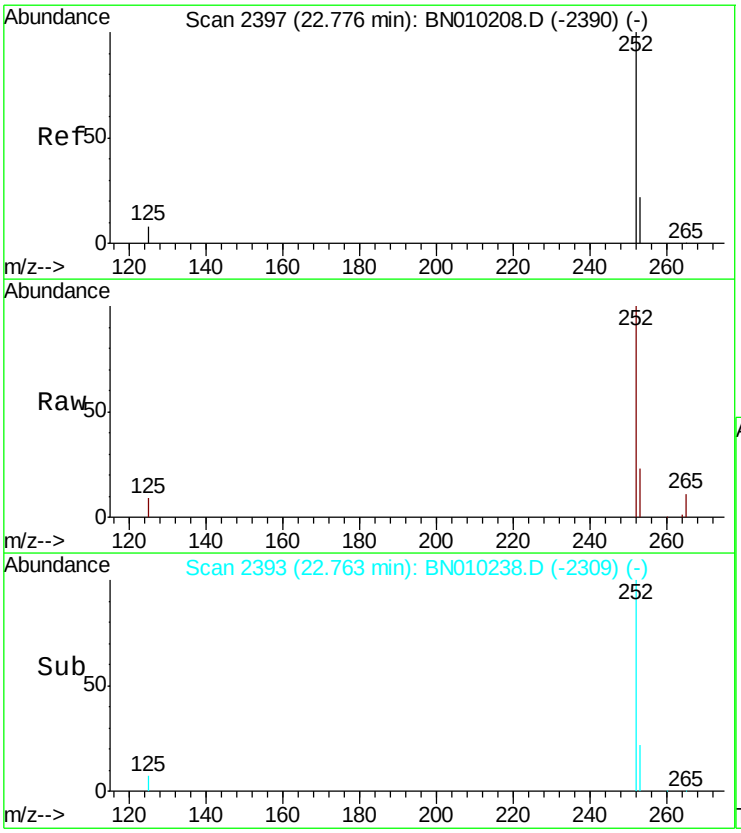
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19751

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	28.0
125	8.6	7.9	11.9

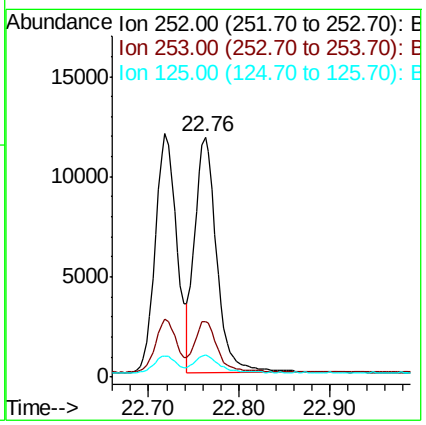


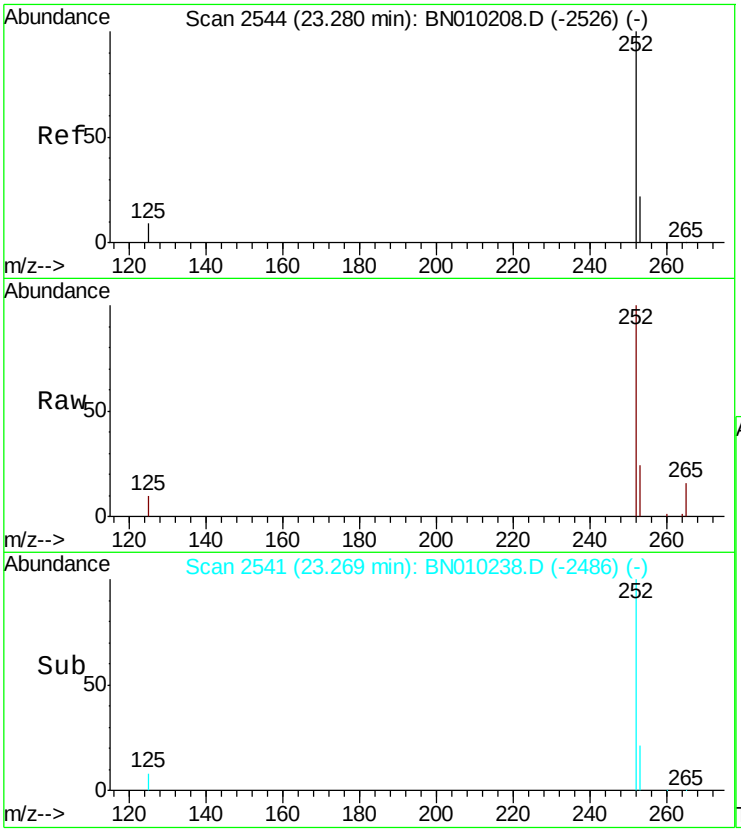


#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.76 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:252 Resp: 19860

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	9.1	8.2	12.4



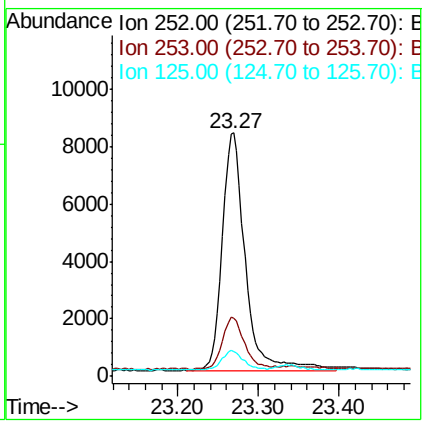


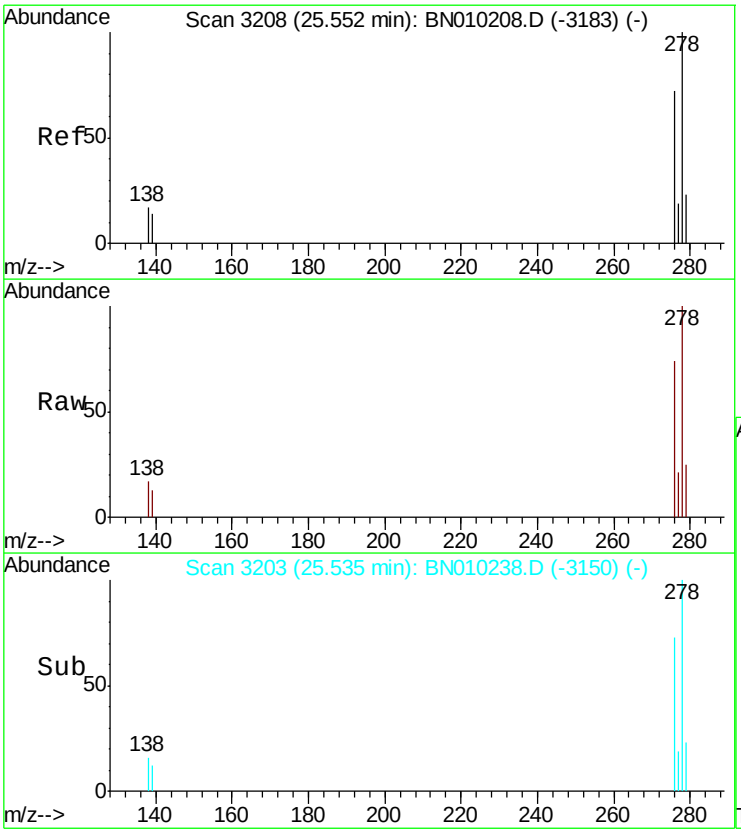
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 16485

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.1	28.7
125	10.3	9.2	13.8

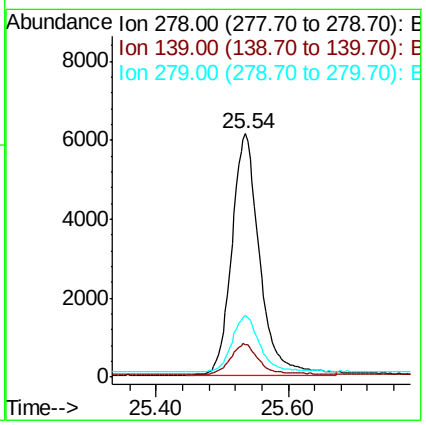


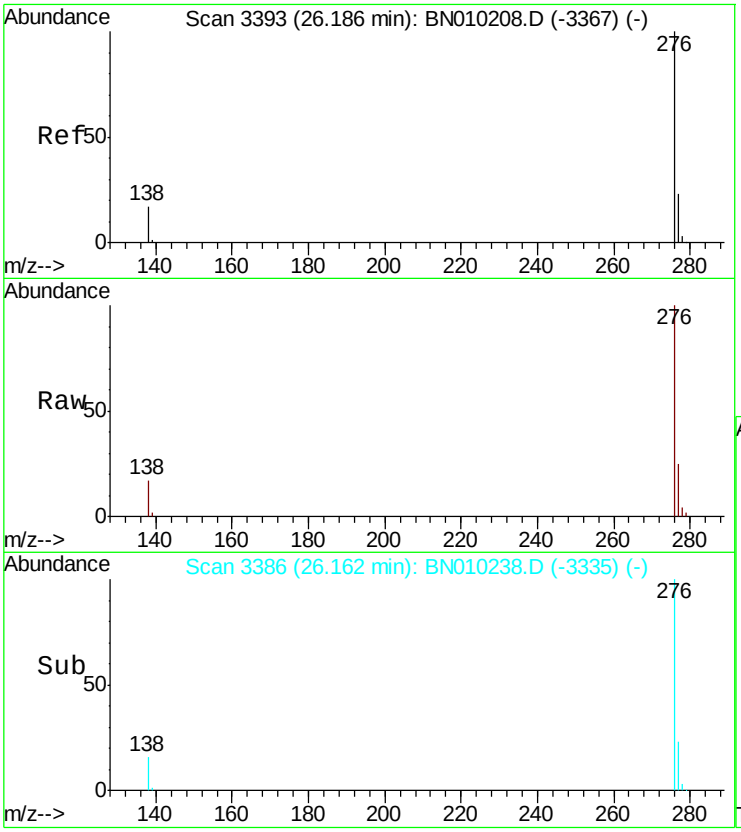


#38
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 25.54 min Scan# 3203
Delta R.T. -0.02 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Tgt Ion:278 Resp: 17905

Ion	Ratio	Lower	Upper
278	100		
139	13.3	12.4	18.6
279	25.3	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.16 min Scan# 3386
Delta R.T. -0.02 min
Lab File: BN010238.D
Acq: 17 Mar 2020 14:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 18322

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	17.1	15.4	23.2