Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010265.D
Acq On : 18 Mar 2020 16:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 01:12:53 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	3604	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	12547	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	7728	0.40	ng		-0.02
19) Phenanthrene-d10	16.98	188	18482	0.40	ng		-0.01
27) Chrysene-d12	21.19	240	18691	0.40	ng		0.00
34) Perylene-d12	23.36	264	20210	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2848	0.34	ng		0.00
5) Phenol-d6	6.81	99	3550	0.34	ng		0.00
8) Nitrobenzene-d5	8.76	82	3057	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7963	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.74	330	1012	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.87	172	12011	0.44	ng		0.00
25) Fluoranthene-d10	19.02	212	21269	0.37	ng		-0.01
29) Terphenyl-d14	19.63	244	16868	0.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1388	0.395	ng	#	54
3) n-Nitrosodimethylamine	3.58	42	976	0.313	ng	#	31
6) bis(2-Chloroethyl)ether	7.06	93	3533	0.400	ng		97
9) Naphthalene	10.43	128	12429	0.395	ng		97
10) Hexachlorobutadiene	10.73	225	3084	0.426	ng	#	96
12) 2-Methylnaphthalene	12.05	142	8722	0.386	ng		96
16) Acenaphthylene	13.95	152	11483	0.322	ng		99
17) Acenaphthene	14.31	154	8529	0.394	ng		98
18) Fluorene	15.30	166	11282	0.382	ng		99
20) 4-Bromophenyl-phenylether	16.20	248	4343	0.409	ng		95
21) Hexachlorobenzene	16.30	284	4687	0.452	ng		98
22) Pentachlorophenol	16.64	266	1246	0.389	ng		92
23) Phenanthrene	17.02	178	20039	0.409	ng		100
24) Anthracene	17.12	178	16301	0.334	ng		99
26) Fluoranthene	19.05	202	23977	0.386	ng		99
28) Pyrene	19.41	202	23940	0.383	ng		100
30) Benzo(a)anthracene	21.17	228	22752	0.358	ng		98
31) Chrysene	21.22	228	25589	0.409	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	5627	0.208	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.51	276	28752	0.387	ng		98
35) Benzo(b)fluoranthene	22.71	252	24588	0.396	ng		99
36) Benzo(k)fluoranthene	22.76	252	26285	0.419	ng		100
37) Benzo(a)pyrene	23.26	252	20625	0.352	ng		98
38) Dibenzo(a,h)anthracene	25.52	278	23834	0.405	ng		98
39) Benzo(g,h,i)perylene	26.15	276	23279	0.396	ng		98

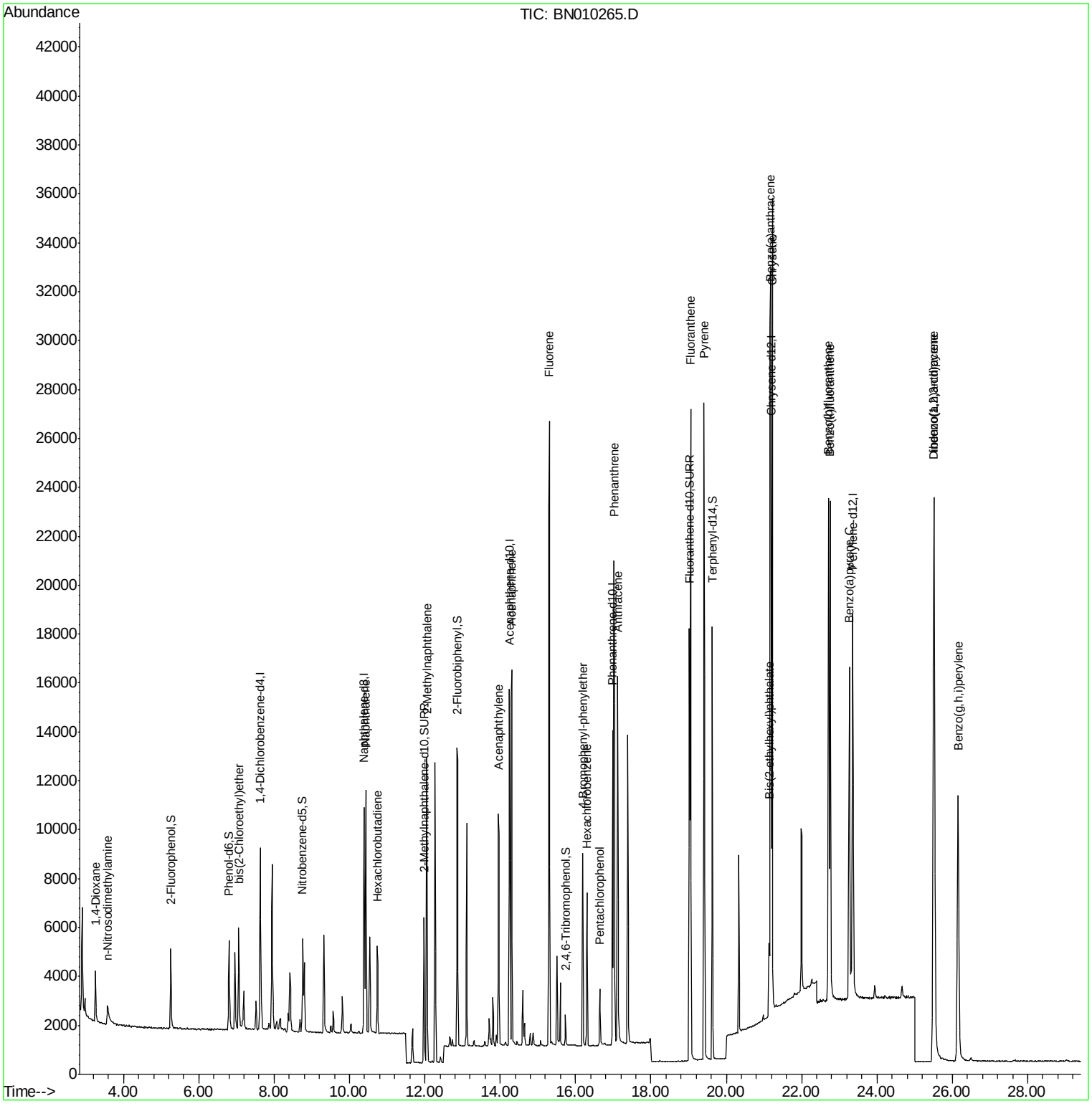
(#) = qualifier out of range (m) = manual integration (+) = signals summed

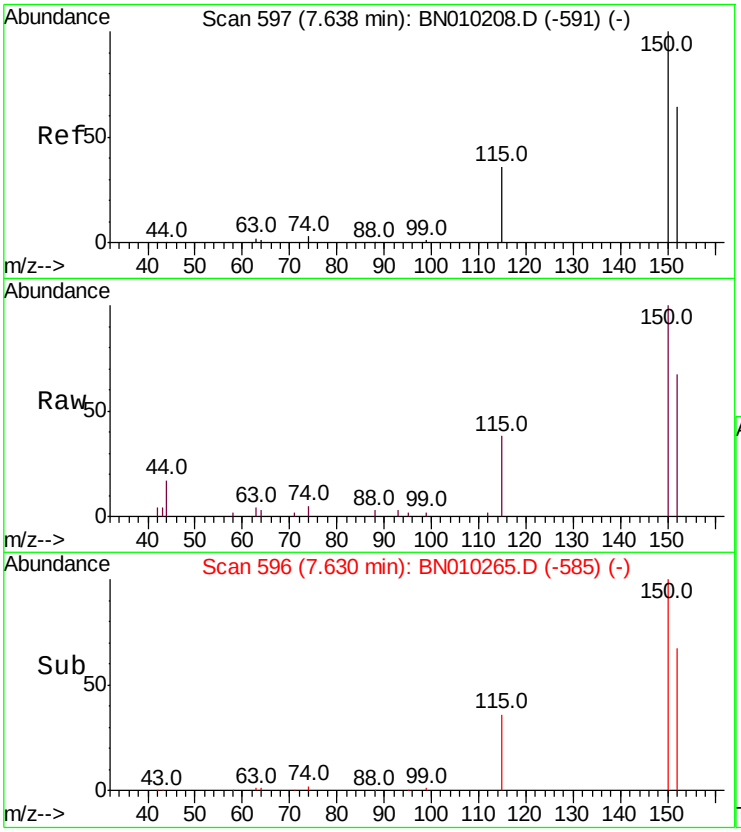
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010265.D
Acq On : 18 Mar 2020 16:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 01:12:53 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



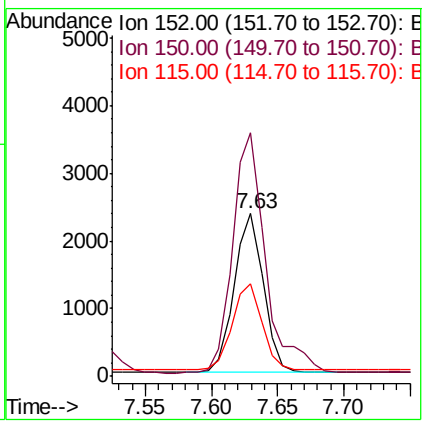


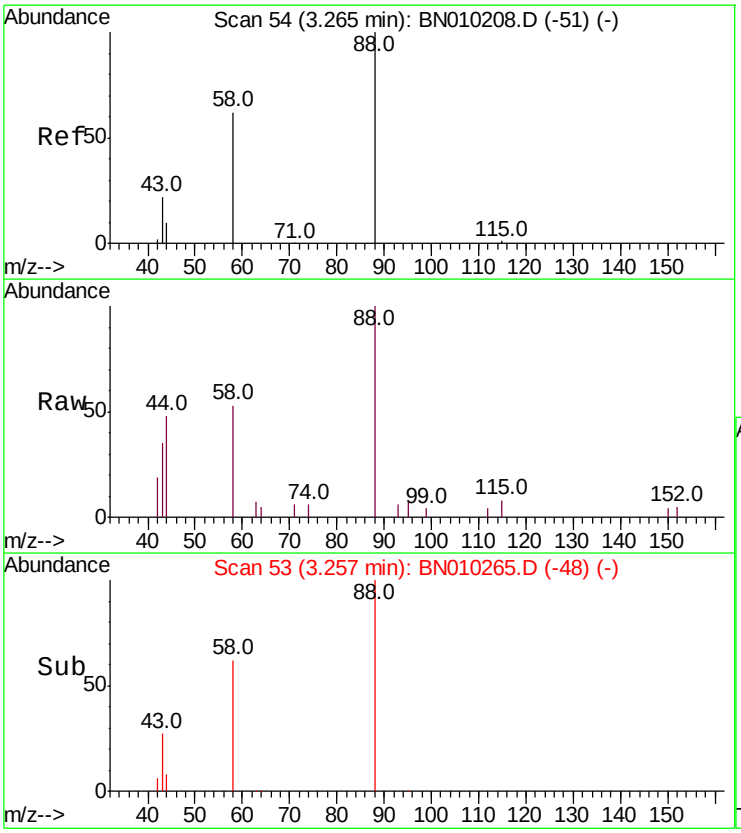
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3604

Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	56.9	50.9	76.3

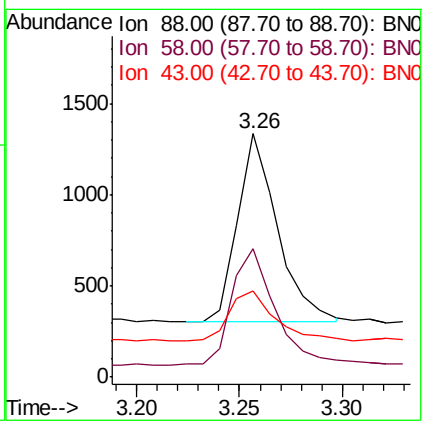


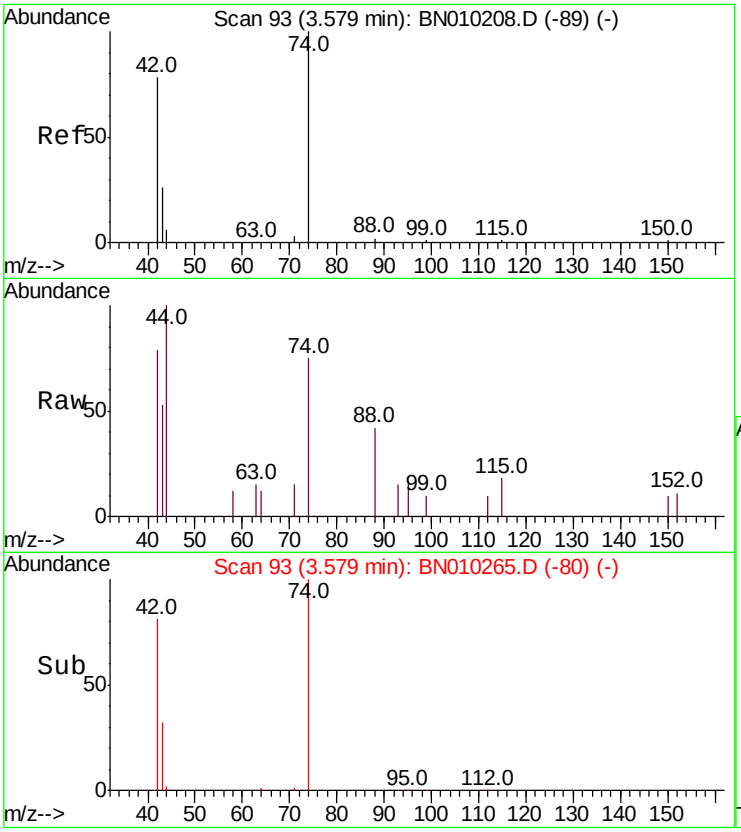


#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion: 88 Resp: 1388

Ion	Ratio	Lower	Upper
88	100		
58	65.6	97.8	146.8#
43	29.8	45.1	67.7#



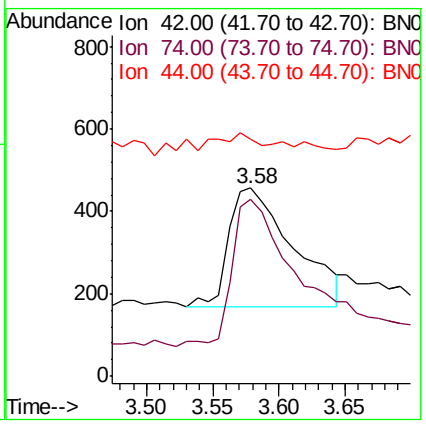


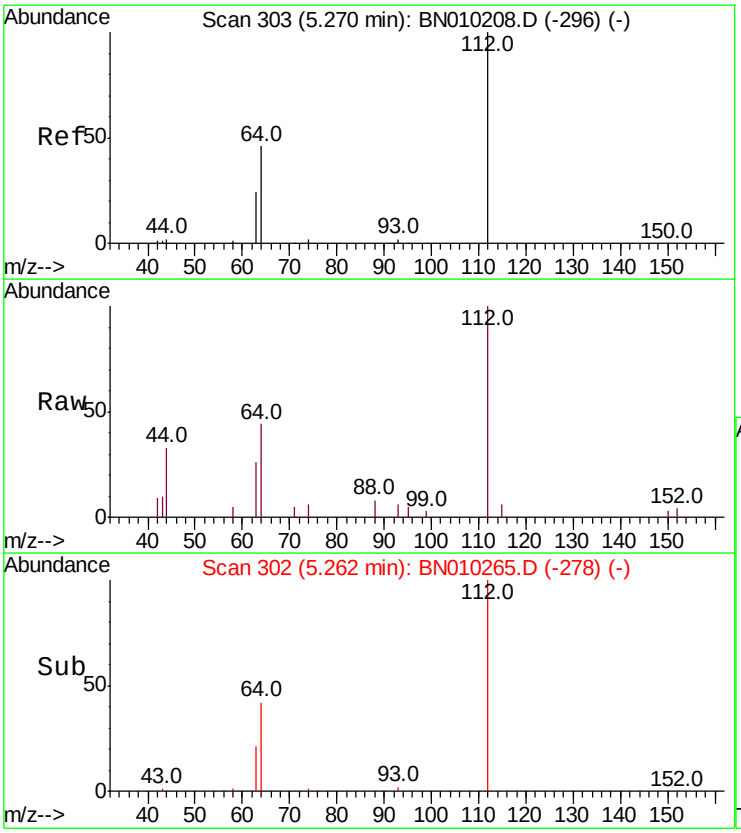
#3
n-Nitrosodimethylamine
Concen: 0.313 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.00 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 976

Ion	Ratio	Lower	Upper
42	100		
74	119.3	51.2	76.8#
44	18.5	2.6	4.0#

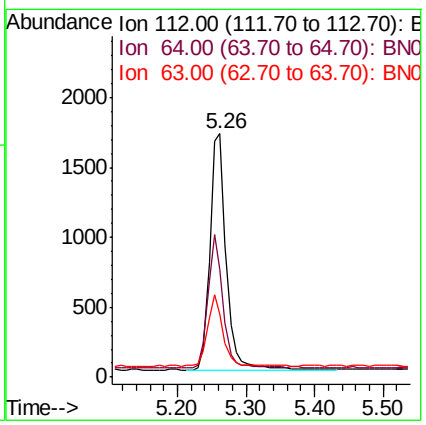


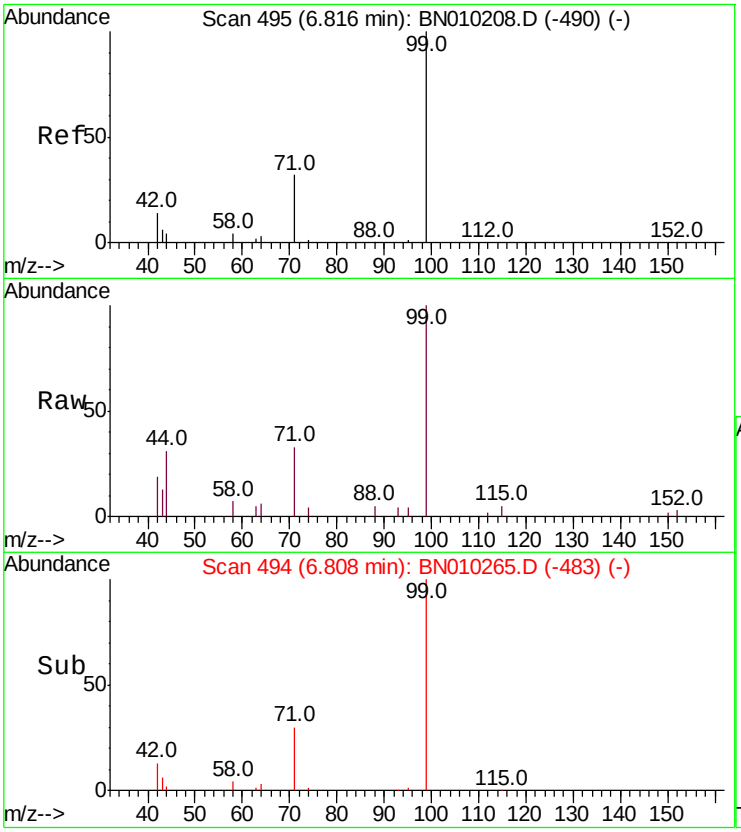


#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:112 Resp: 2848

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.6	63.8
63	30.0	23.6	35.4



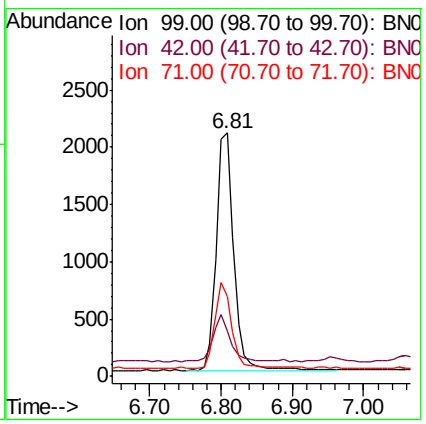


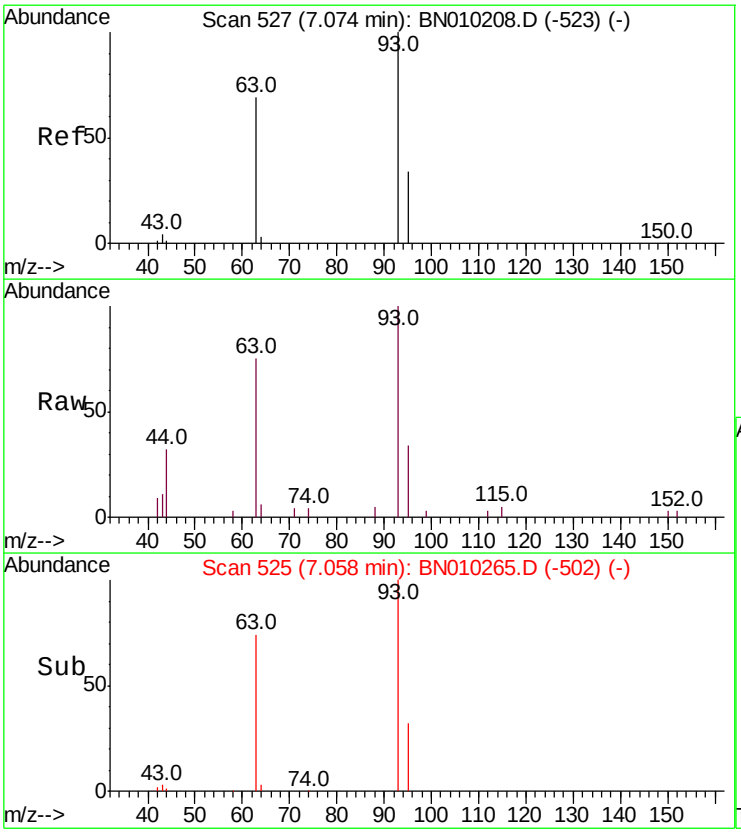
#5
Phenol-d6
Concen: 0.336 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3550

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.0	18.0#
71	33.9	22.6	33.8#

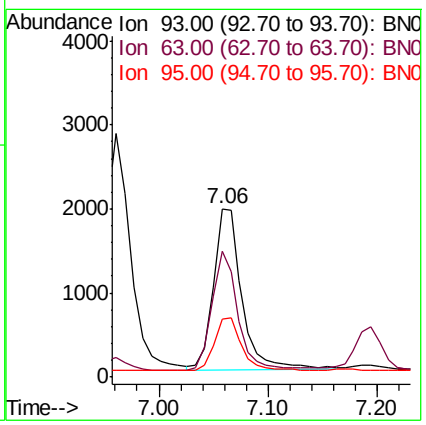


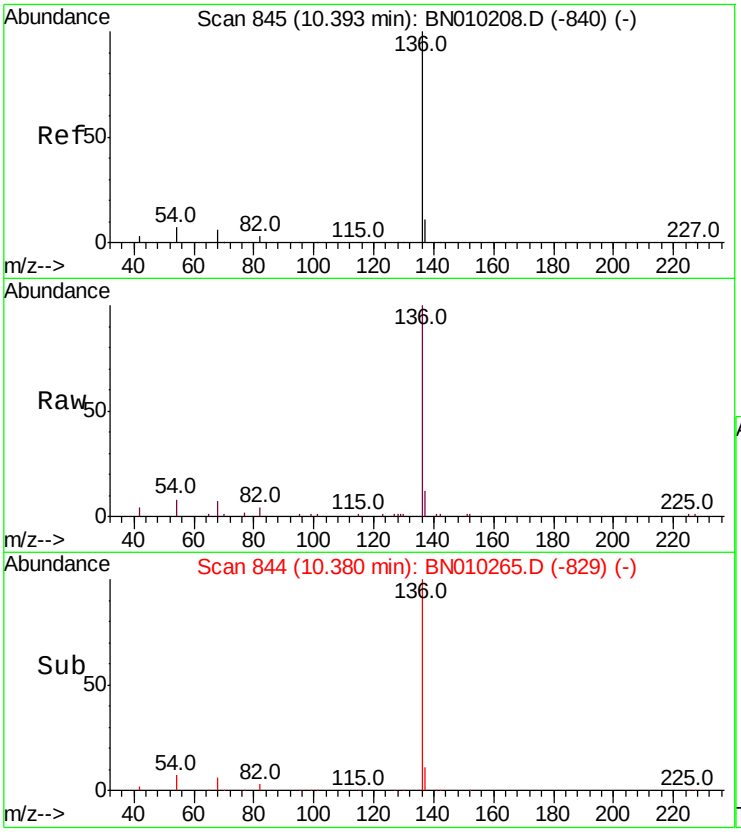


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion: 93 Resp: 3533

Ion	Ratio	Lower	Upper
93	100		
63	67.1	53.4	80.0
95	31.6	28.6	42.8



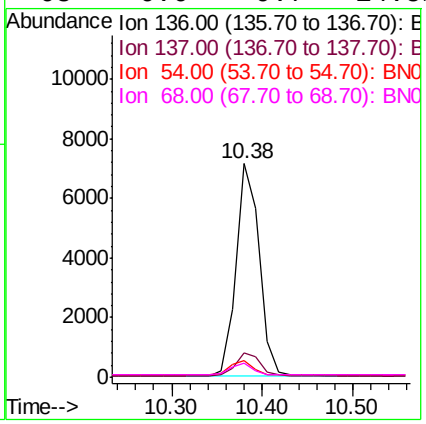


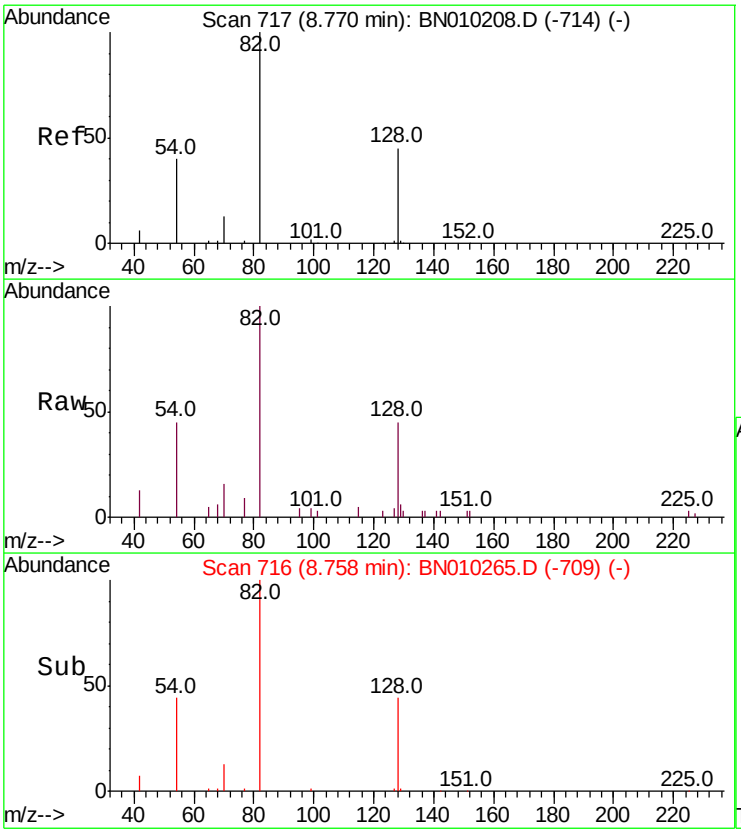
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12547

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.6	15.8
54	7.5	9.5	14.3#
68	6.6	9.7	14.5#

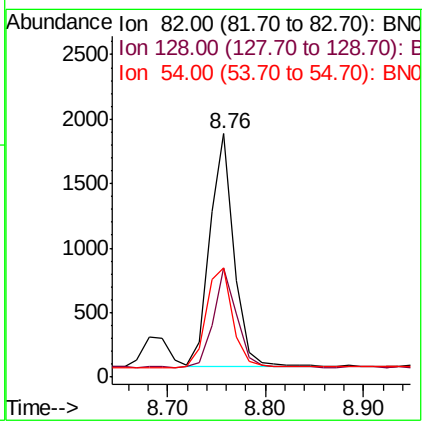


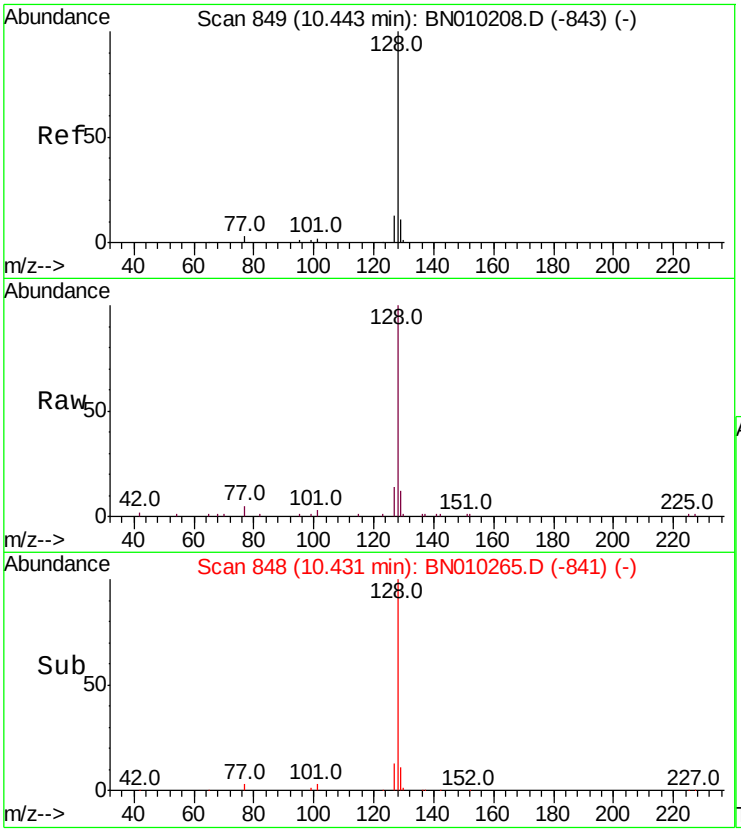


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion: 82 Resp: 3057

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.0	52.6
54	44.9	37.0	55.4



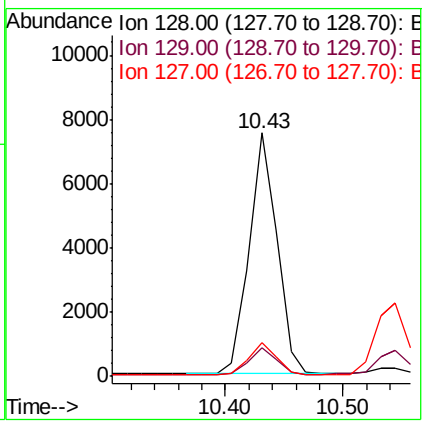


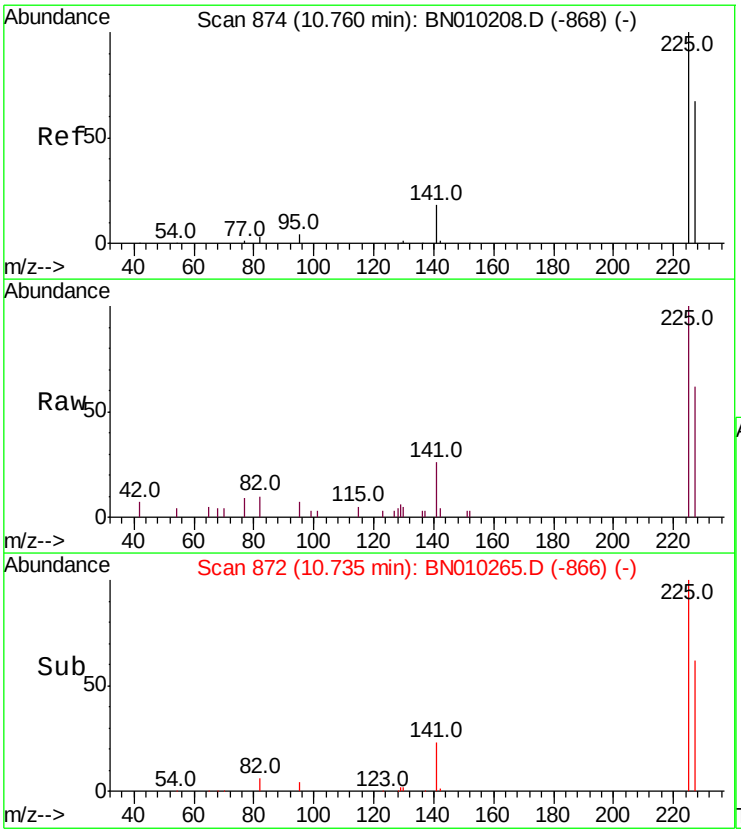
#9
Naphthalene
Concen: 0.395 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 12429

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.5	15.7
127	13.6	12.1	18.1

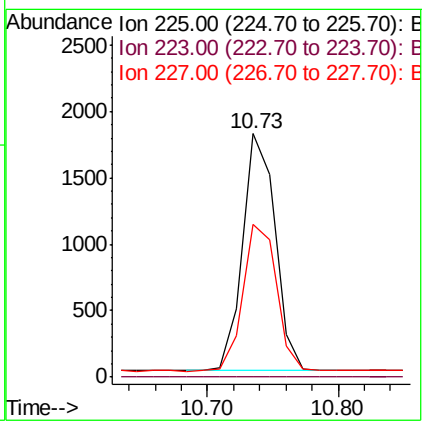


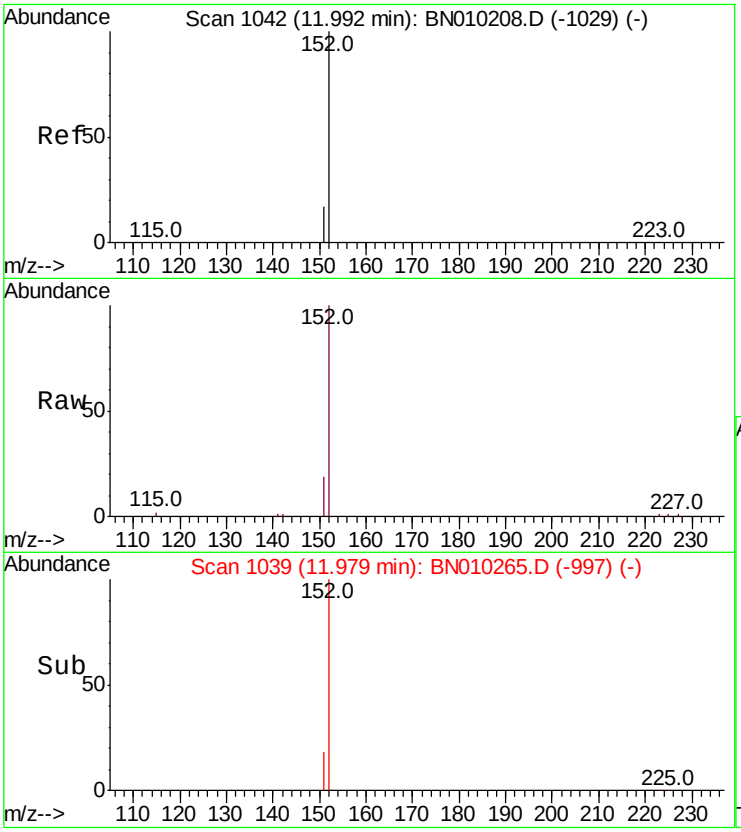


#10
Hexachlorobutadiene
Concen: 0.426 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.03 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:225 Resp: 3084

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	53.4	80.2



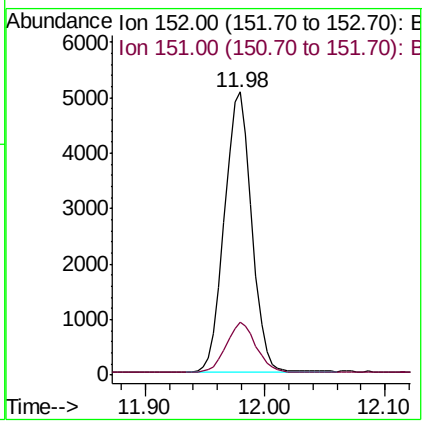


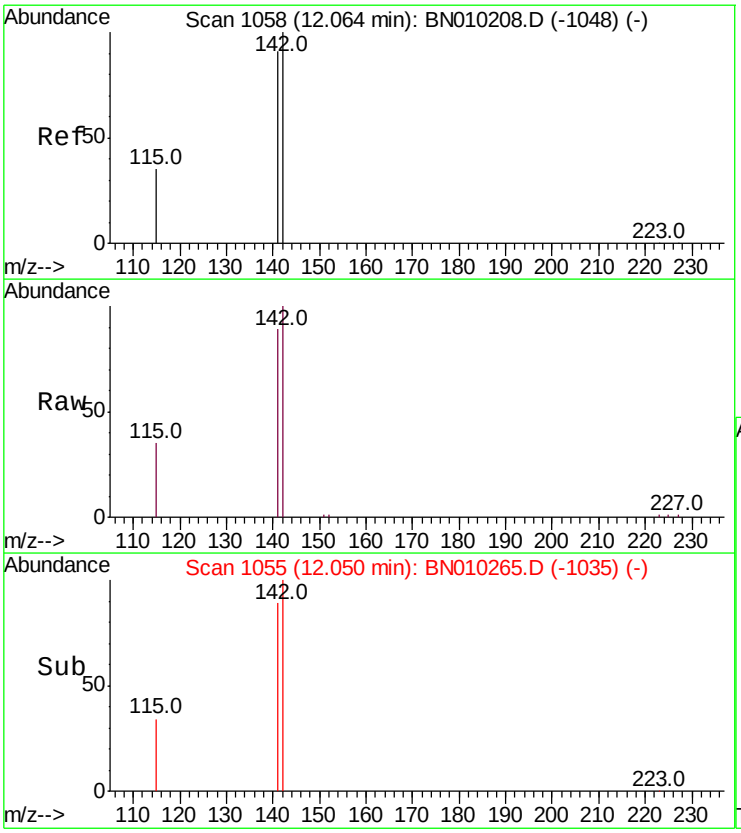
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7963

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6

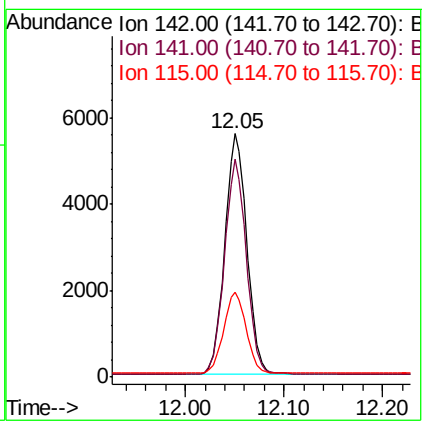


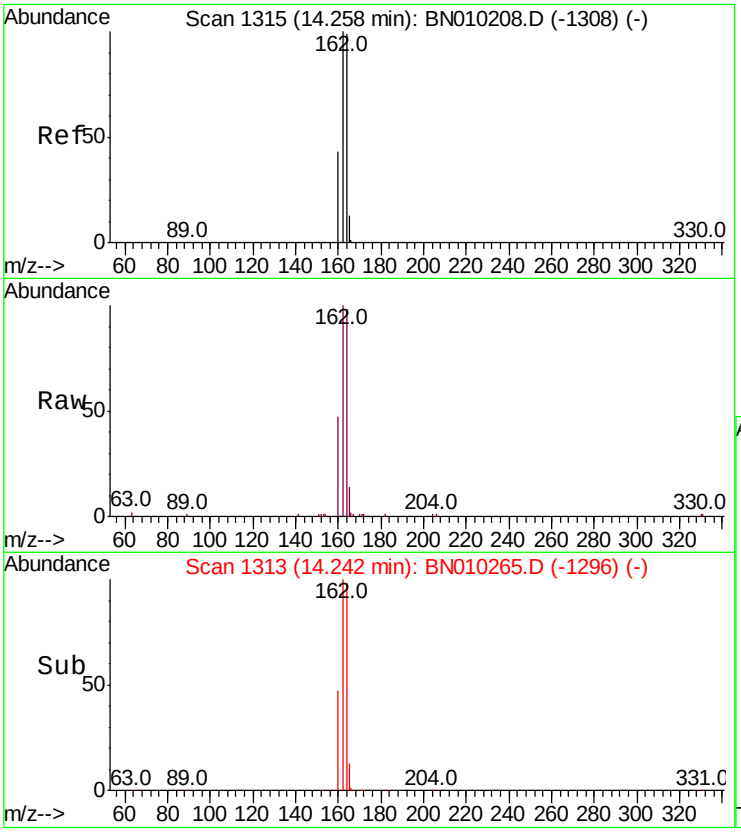


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:142 Resp: 8722

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.7	110.5
115	34.8	31.2	46.8



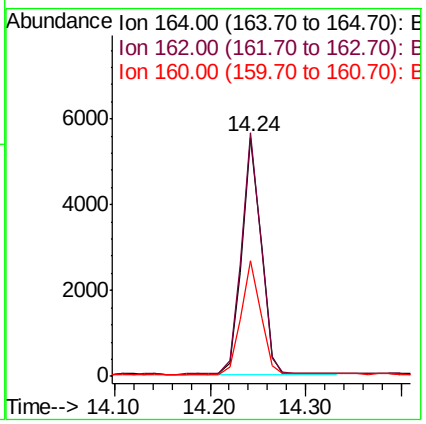


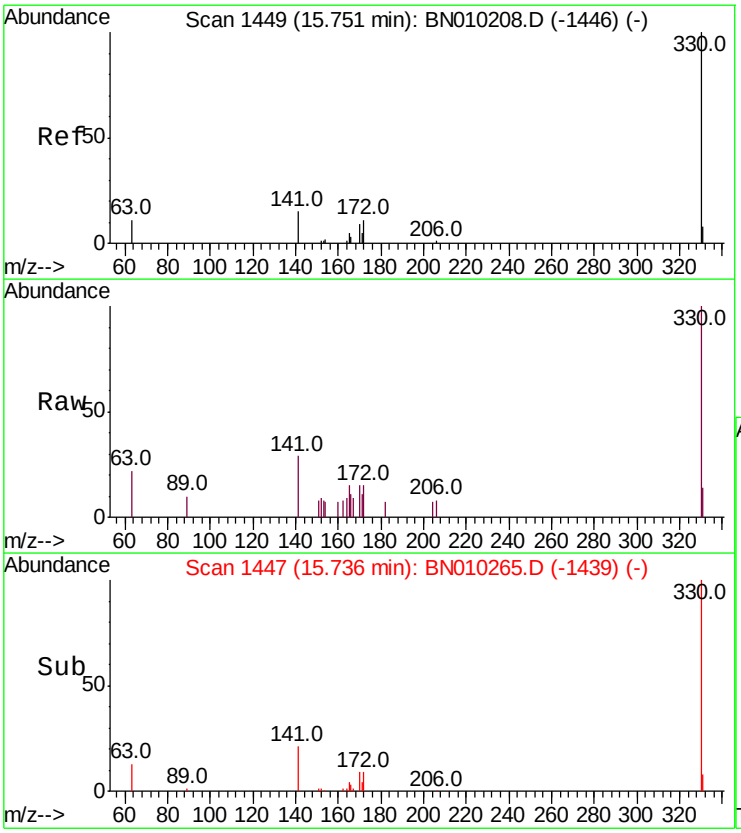
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7728

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.4
160	48.2	35.6	53.4

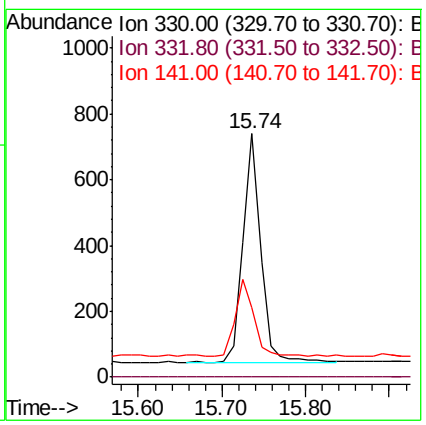


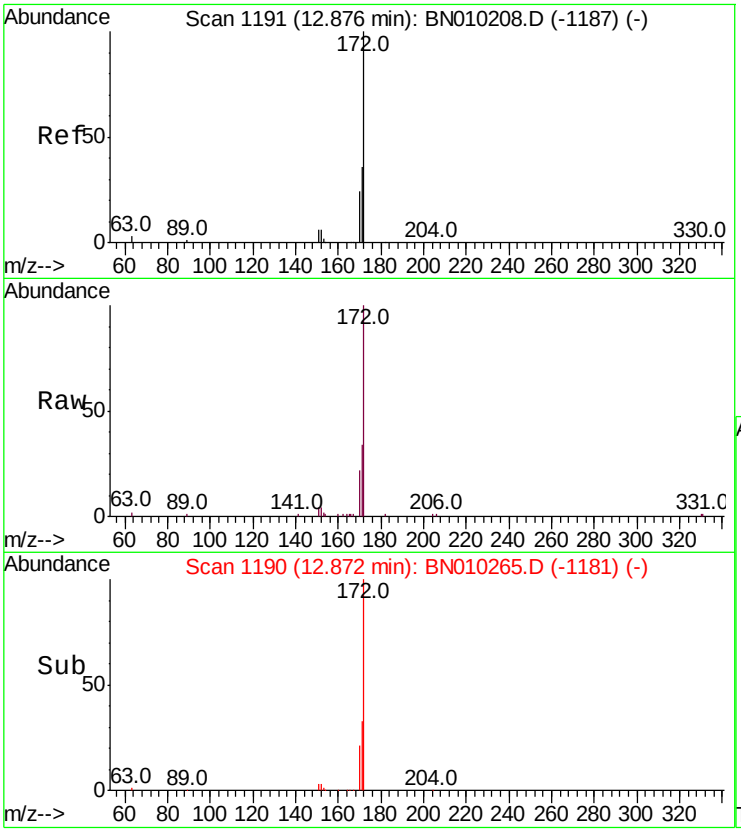


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.74 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:330 Resp: 1012

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	25.1	37.7



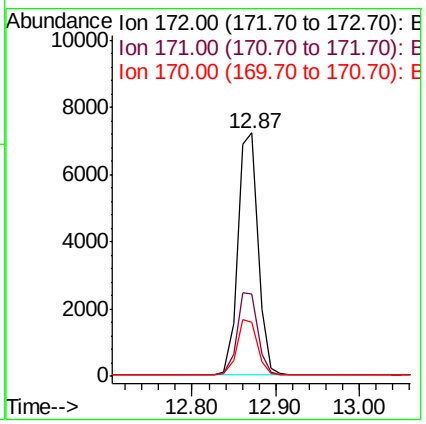


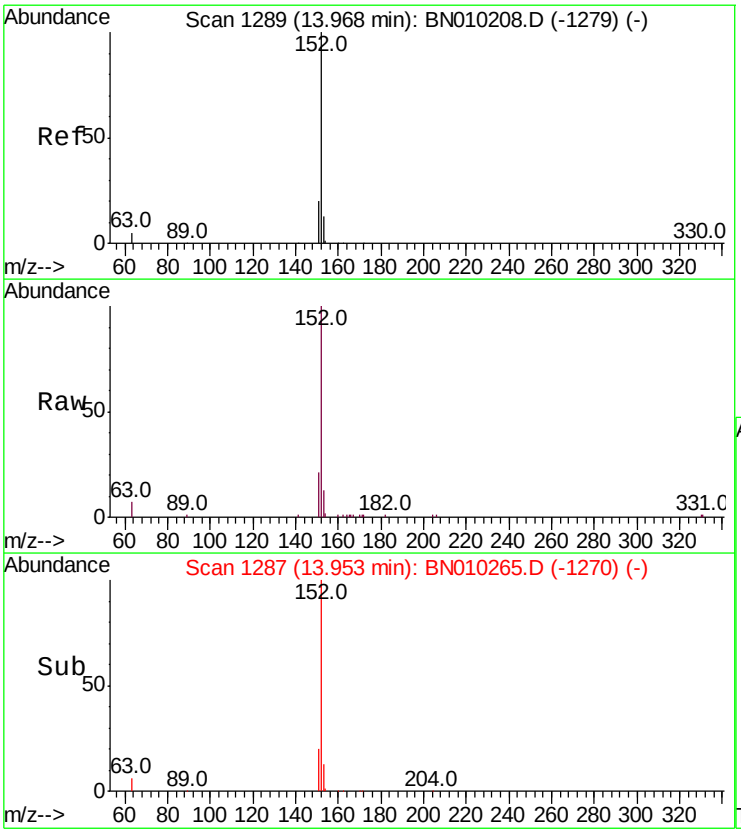
#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12011

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.4	44.2
170	22.0	20.2	30.4

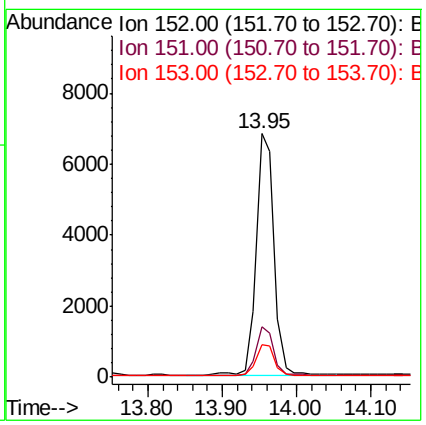


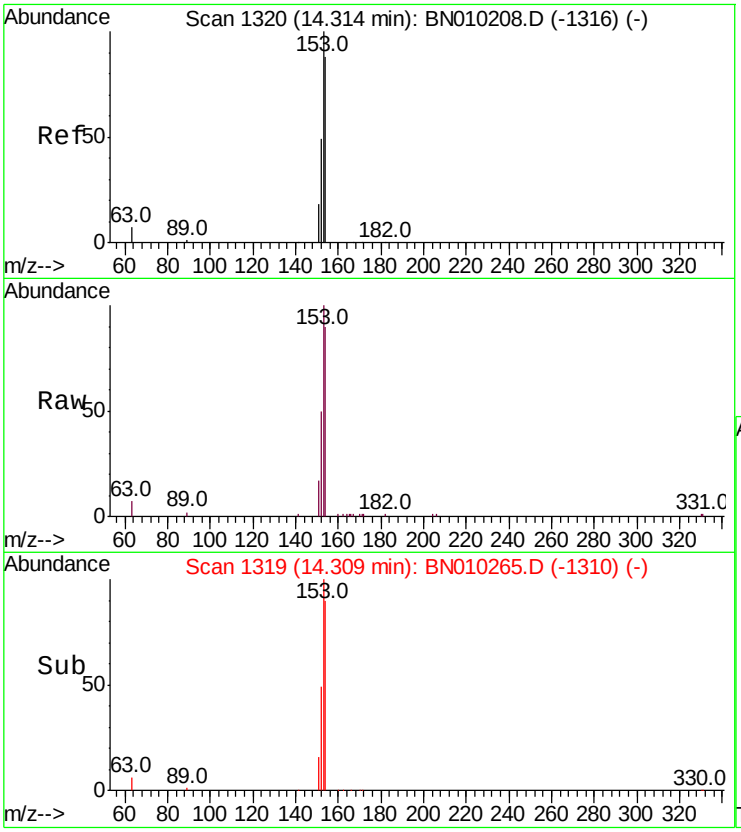


#16
Acenaphthylene
Concen: 0.322 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:152 Resp: 11483

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.8	10.6	16.0



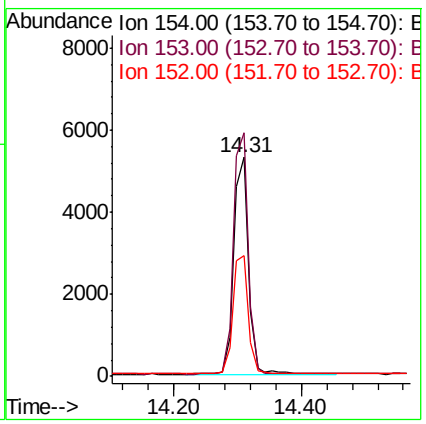


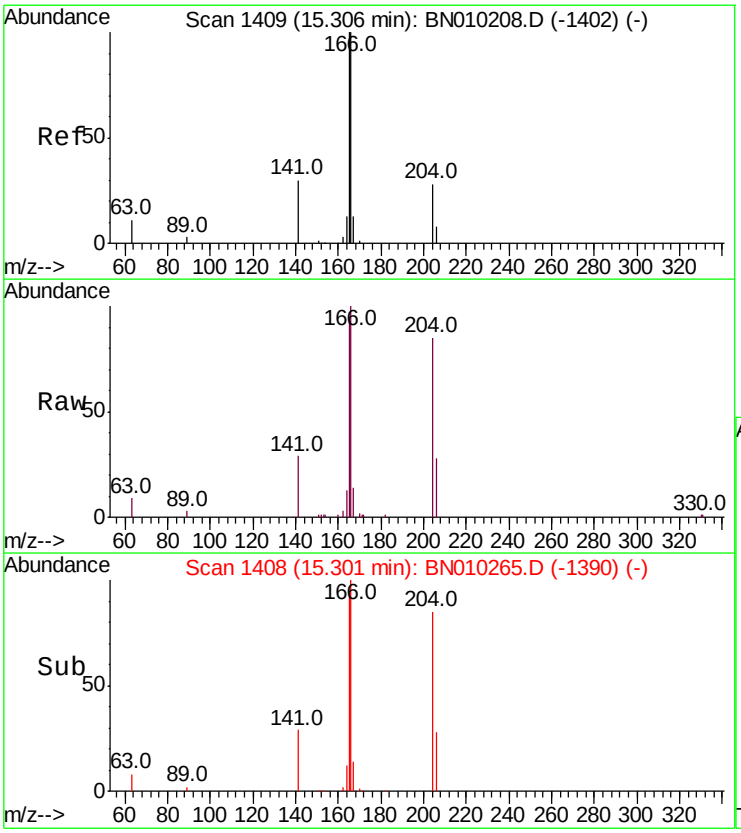
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8529

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.3	135.5
152	57.0	42.9	64.3

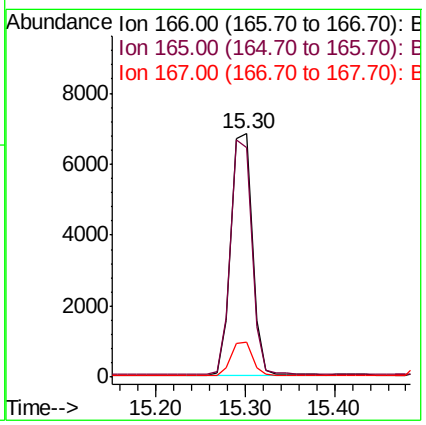


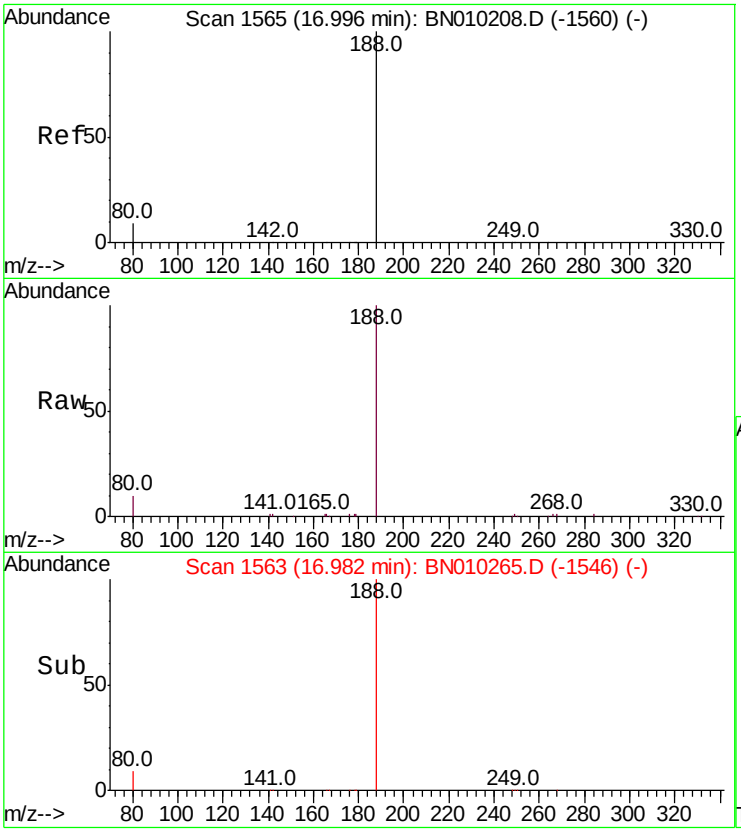


#18
Fluorene
Concen: 0.382 ng
RT: 15.30 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:166 Resp: 11282

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.3	117.5
167	13.6	10.7	16.1



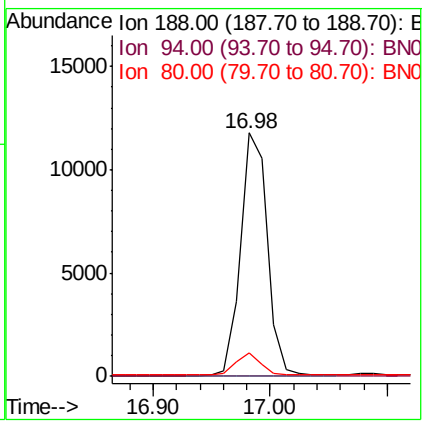


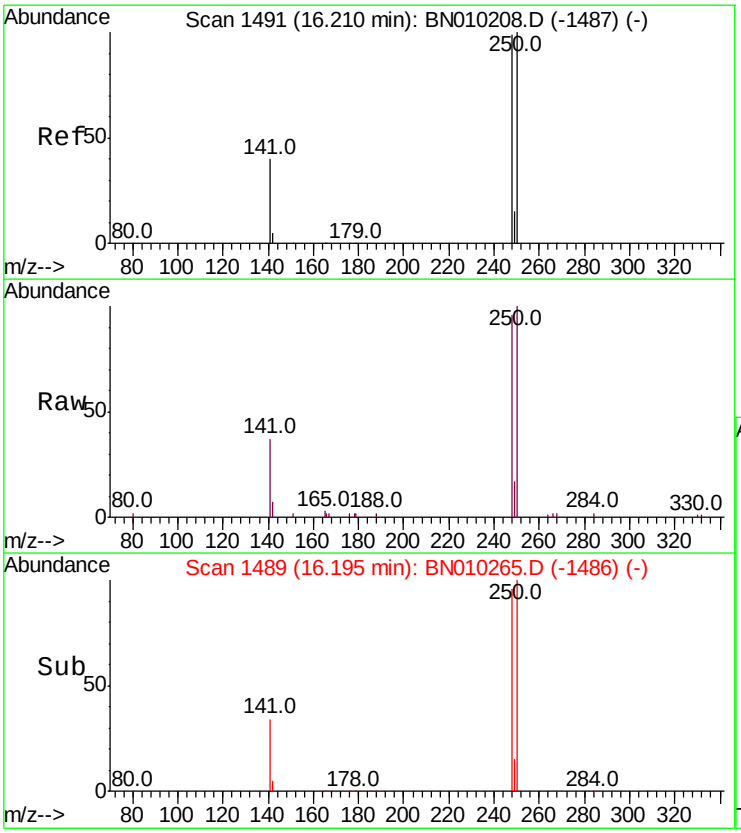
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18482

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	8.6	12.8

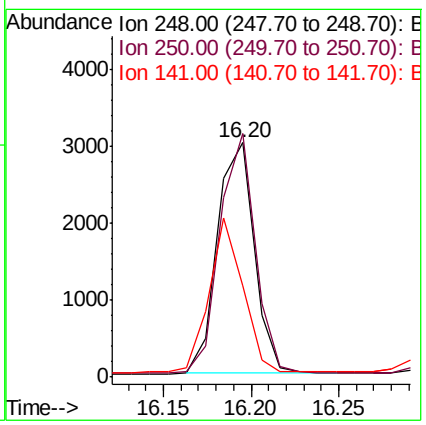


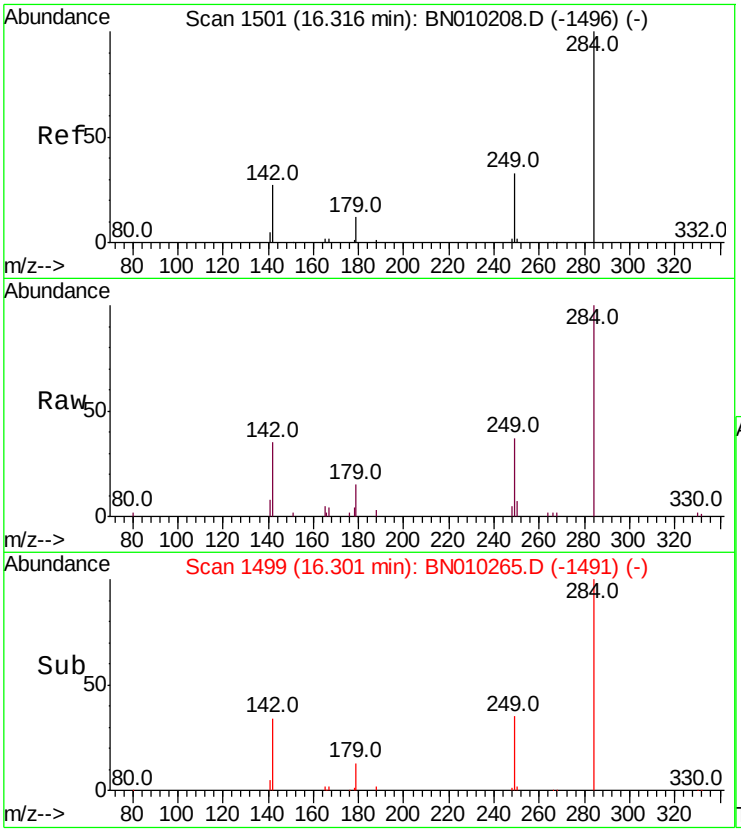


#20
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.20 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:248 Resp: 4343

Ion	Ratio	Lower	Upper
248	100		
250	104.0	81.2	121.8
141	39.0	36.7	55.1



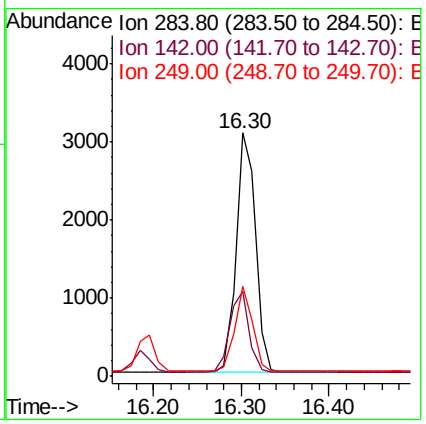


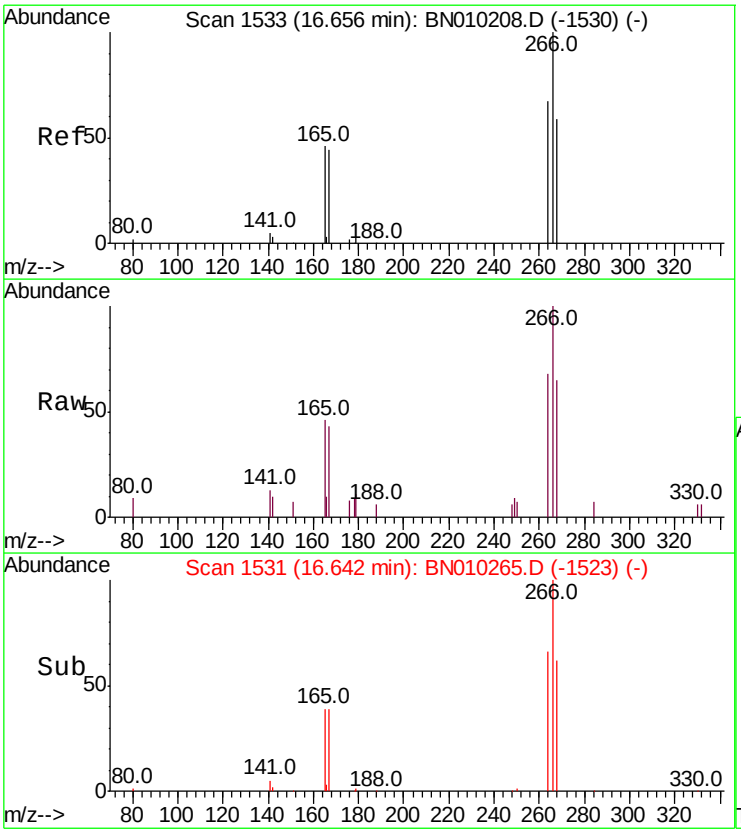
#21
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4687

Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.8	41.6
249	32.4	26.6	39.8

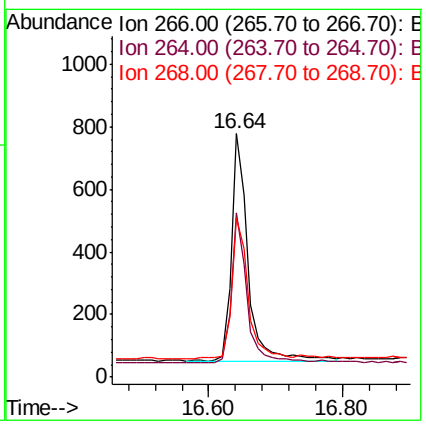


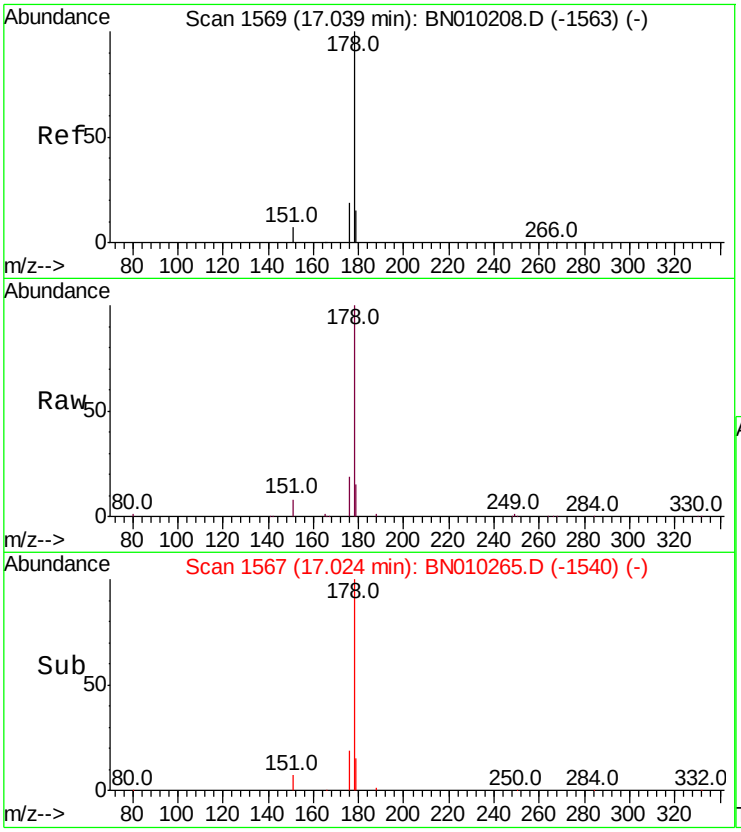


#22
Pentachlorophenol
Concen: 0.389 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:266 Resp: 1246

Ion	Ratio	Lower	Upper
266	100		
264	67.6	56.2	84.2
268	65.4	61.4	92.2



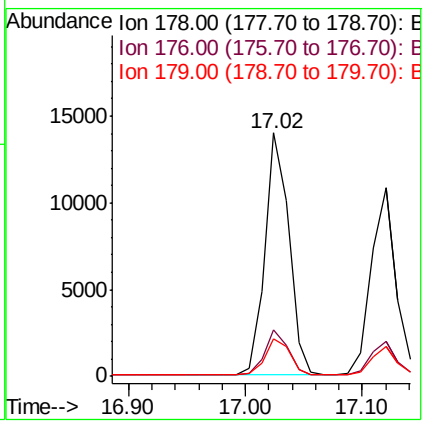


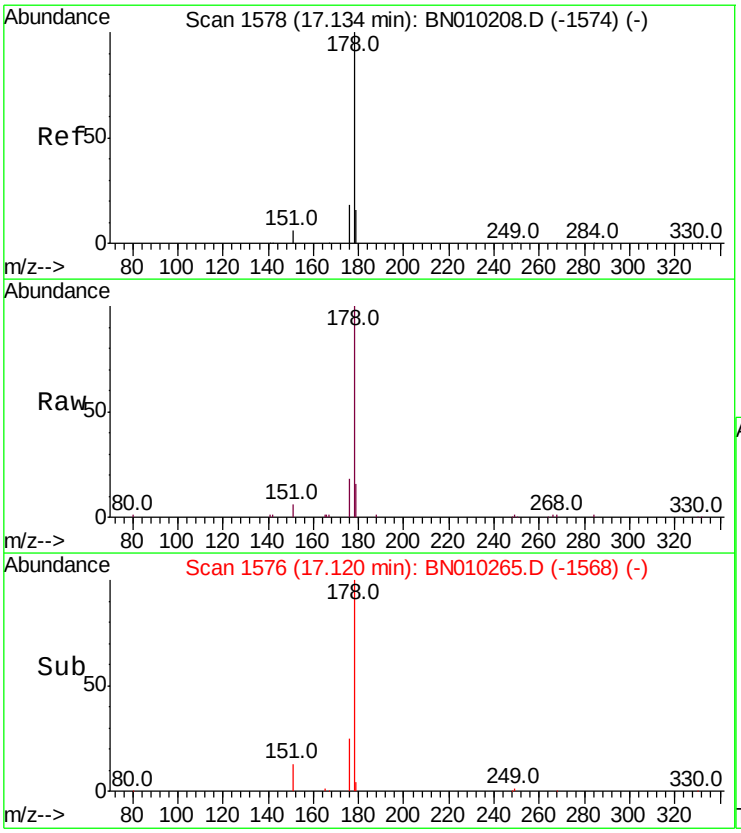
#23
Phenanthrene
Concen: 0.409 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 20039

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.5	18.7

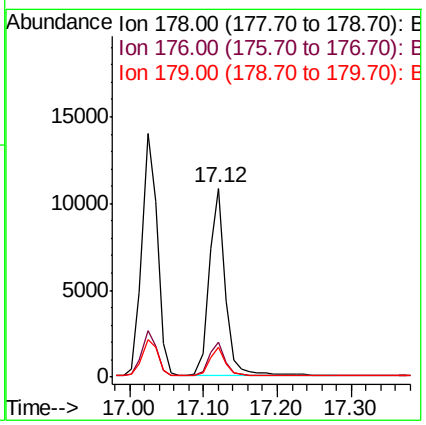


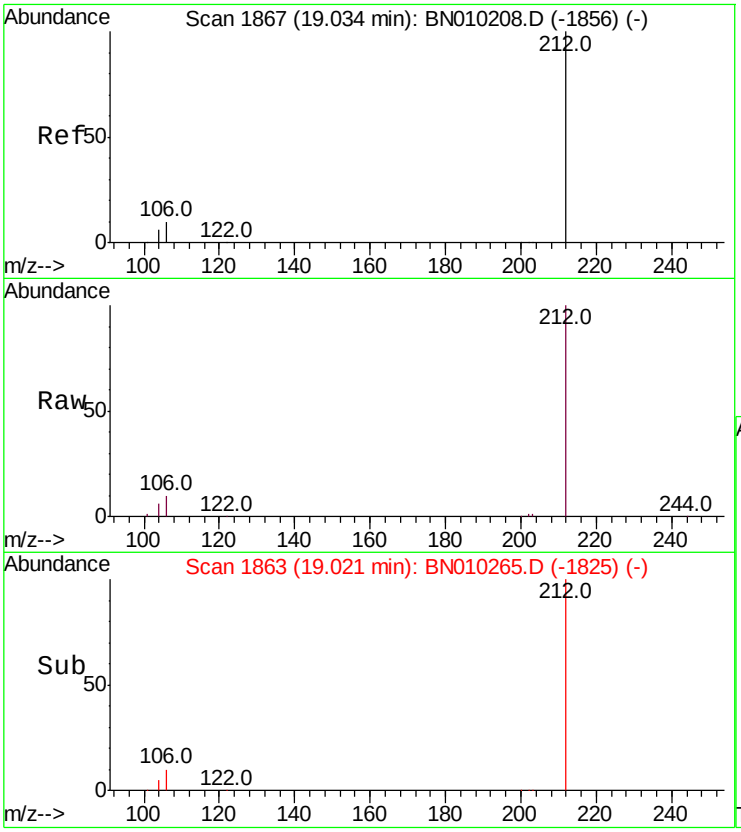


#24
Anthracene
Concen: 0.334 ng
RT: 17.12 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:178 Resp: 16301

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.2	12.5	18.7



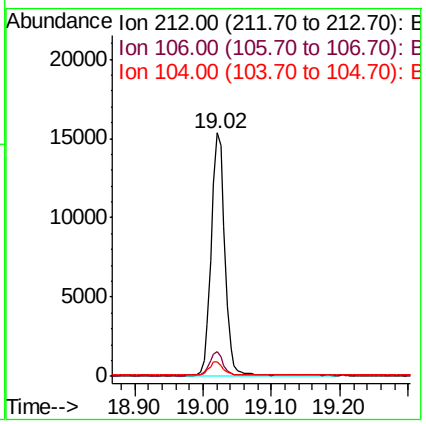


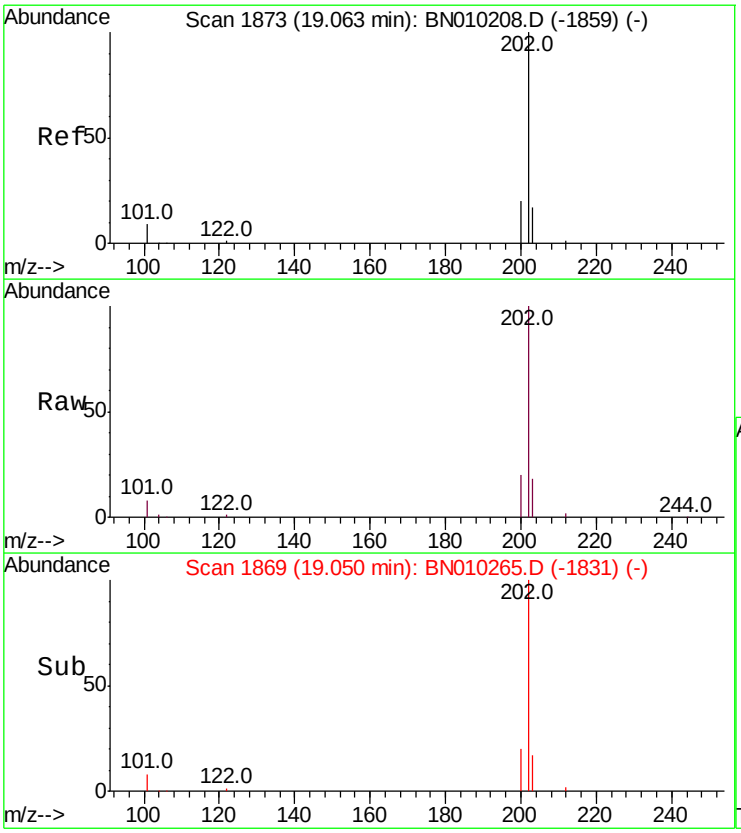
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.02 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 21269

Ion	Ratio	Lower	Upper
212	100		
106	9.5	8.1	12.1
104	5.4	4.7	7.1

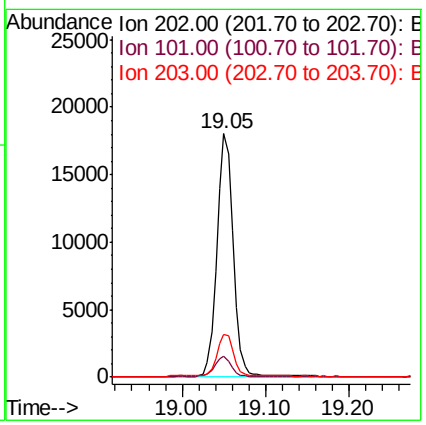


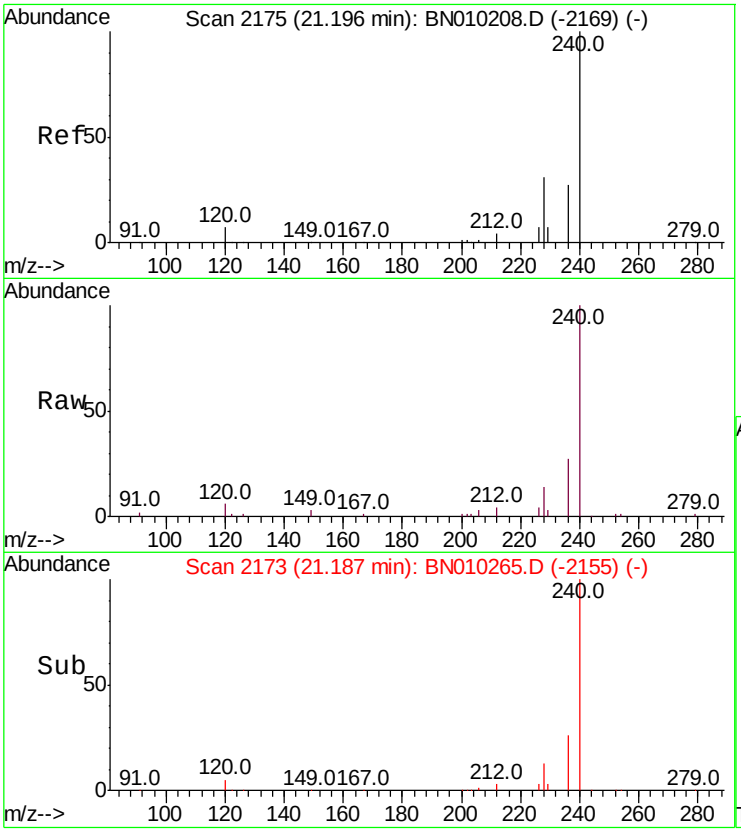


#26
Fluoranthene
Concen: 0.386 ng
RT: 19.05 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:202 Resp: 23977

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.6
203	17.3	13.9	20.9



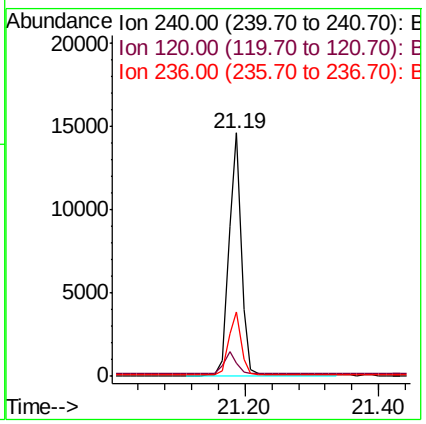


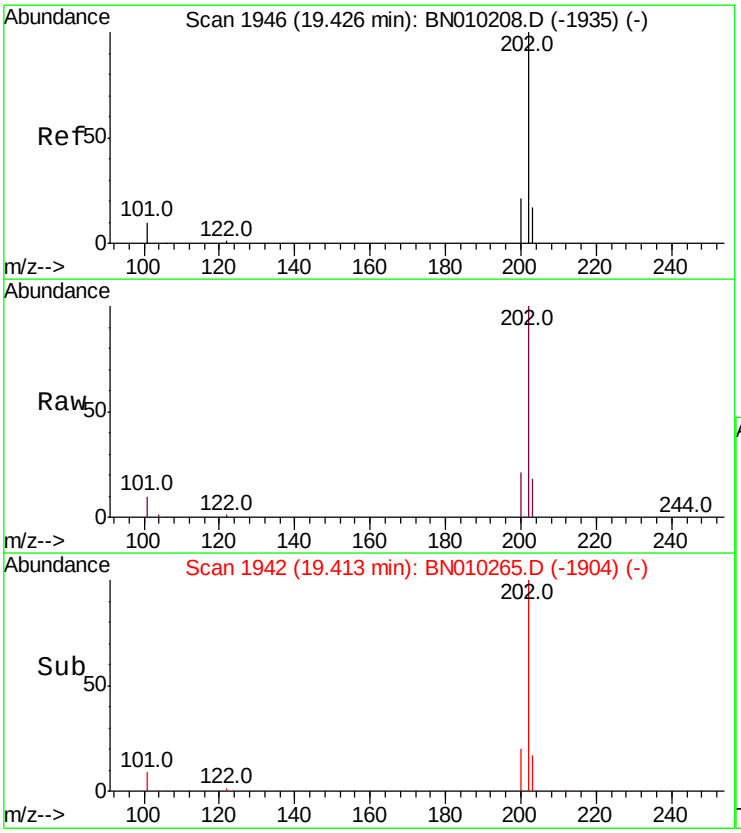
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18691

Ion	Ratio	Lower	Upper
240	100		
120	5.6	7.7	11.5#
236	26.7	21.8	32.6

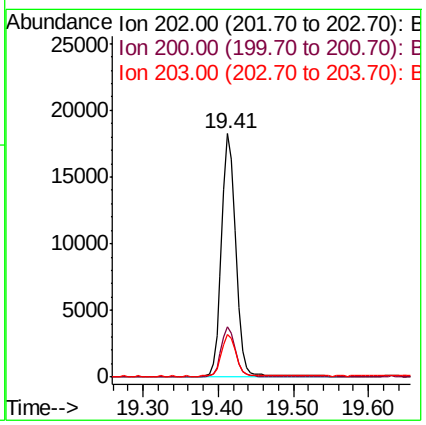


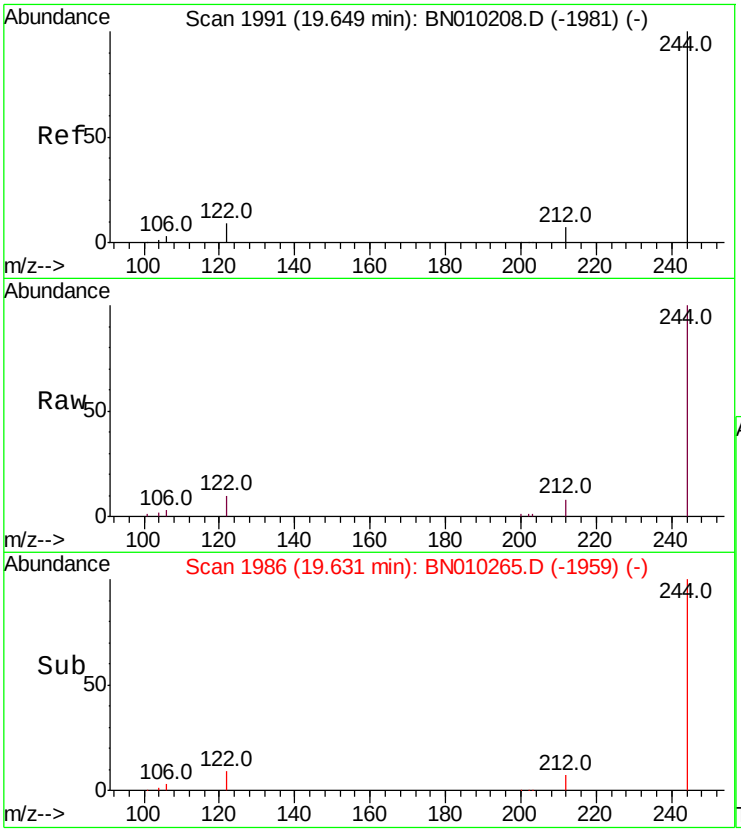


#28
Pyrene
Concen: 0.383 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:202 Resp: 23940

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.6	14.1	21.1



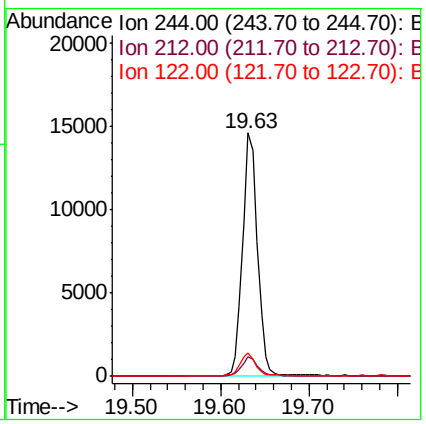


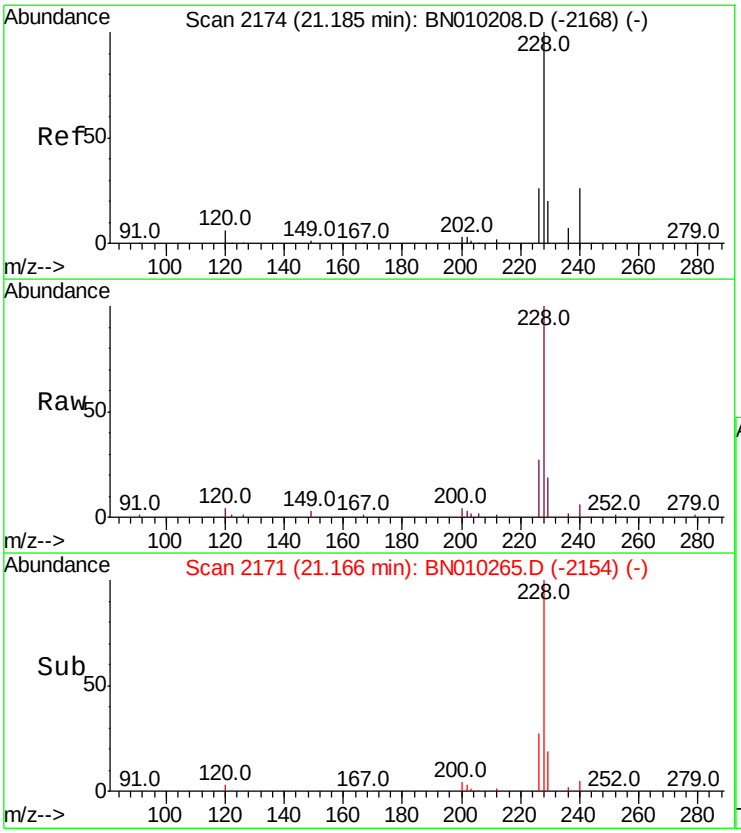
#29
Terphenyl-d14
Concen: 0.396 ng
RT: 19.63 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 16868

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	9.7	8.1	12.1

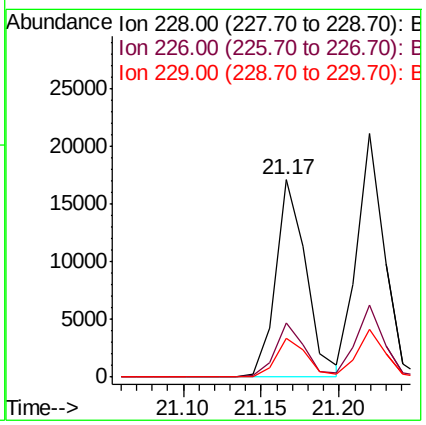


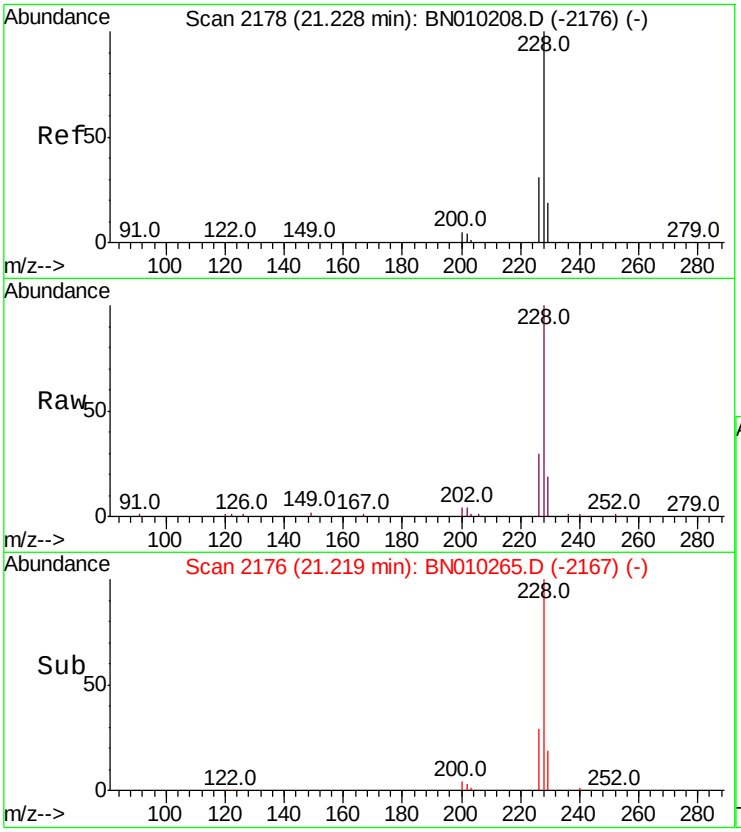


#30
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:228 Resp: 22752

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.1	31.7
229	19.4	16.2	24.4



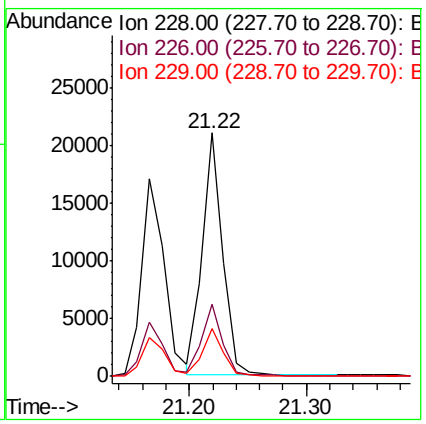


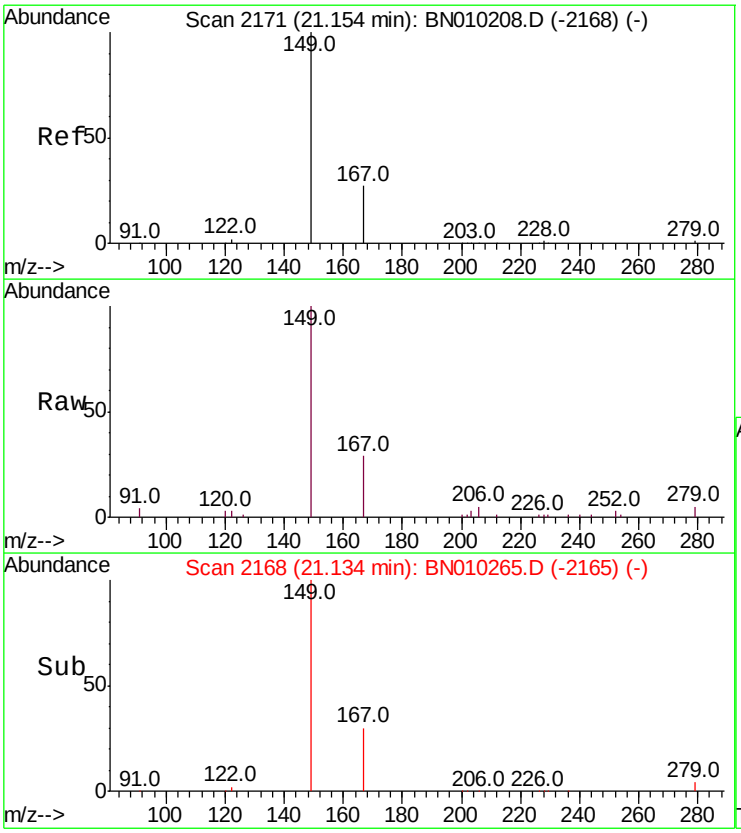
#31
Chrysene
Concen: 0.409 ng
RT: 21.22 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 25589

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.4
229	19.4	15.7	23.5

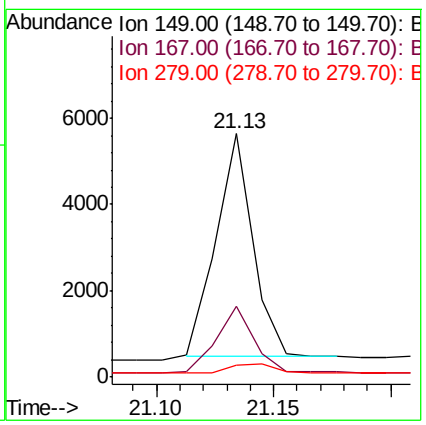


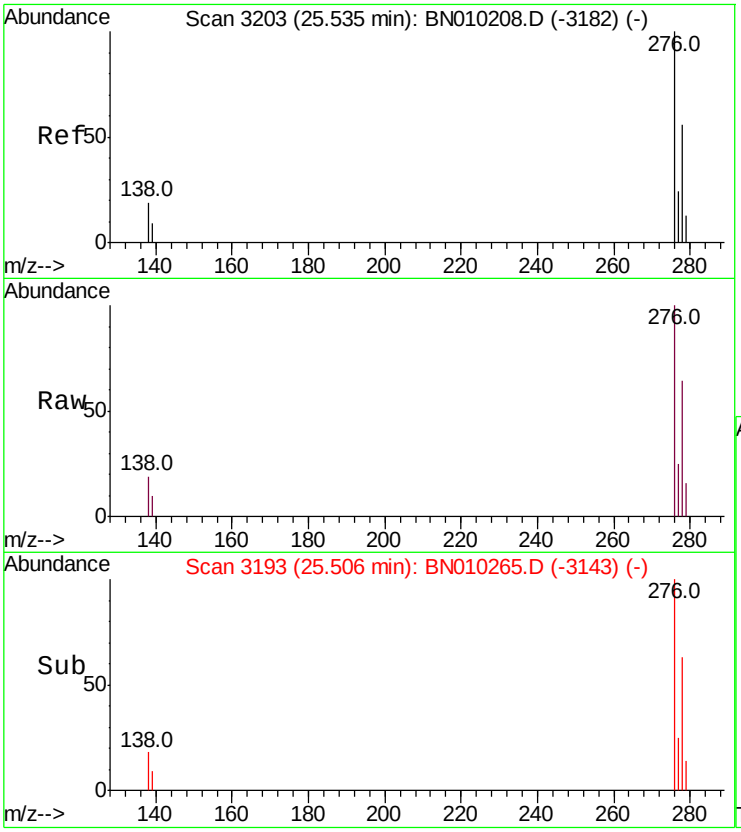


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.208 ng
RT: 21.13 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:149 Resp: 5627

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.0	31.4
279	5.1	3.1	4.7#



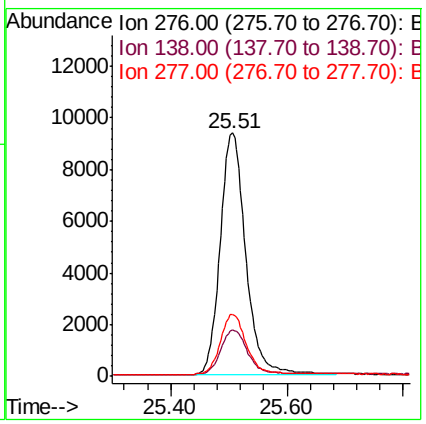


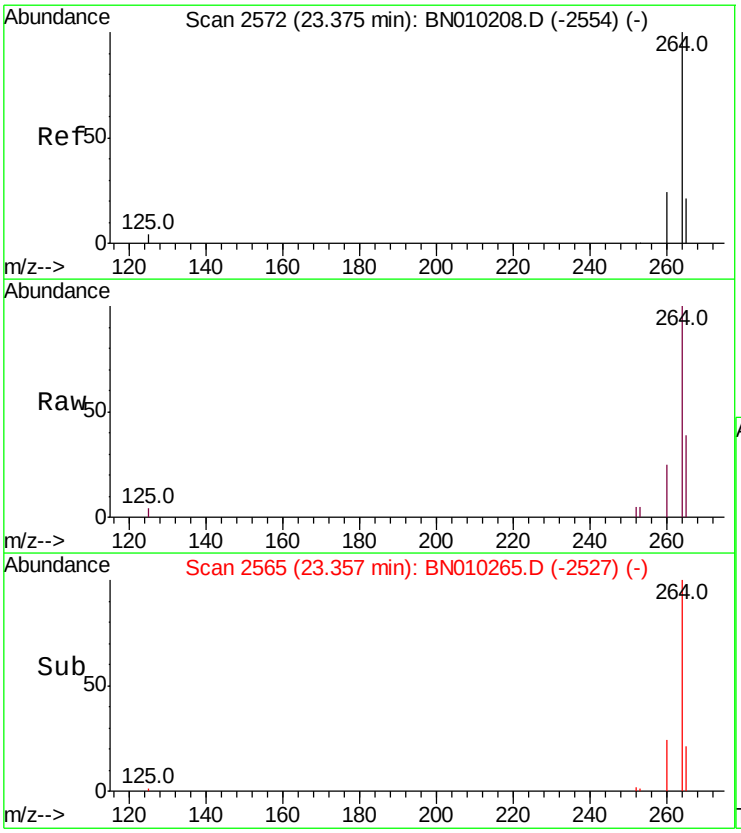
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 25.51 min Scan# 3193
Delta R.T. -0.03 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 28752

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.8	23.6
277	25.1	19.3	28.9

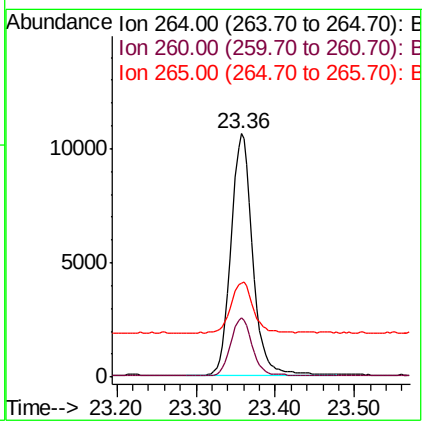


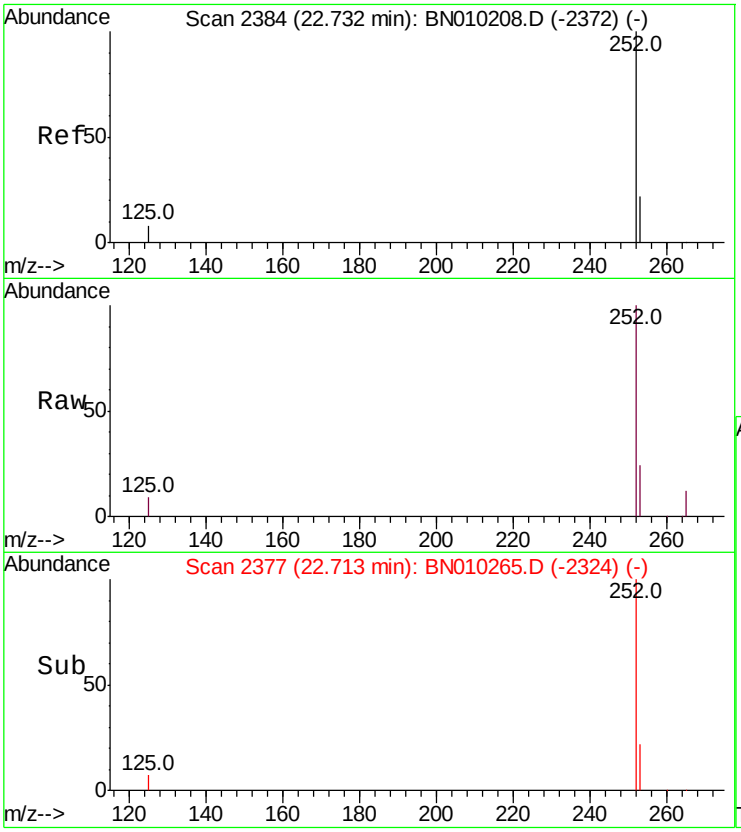


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:264 Resp: 20210

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	38.8	25.8	38.6#



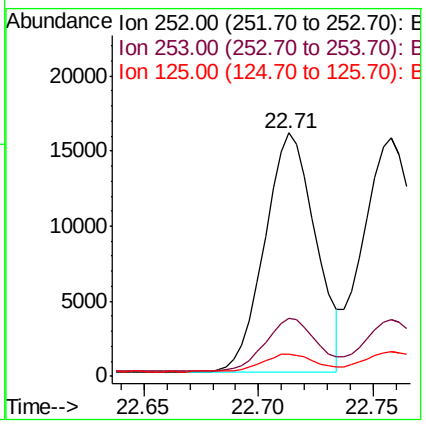


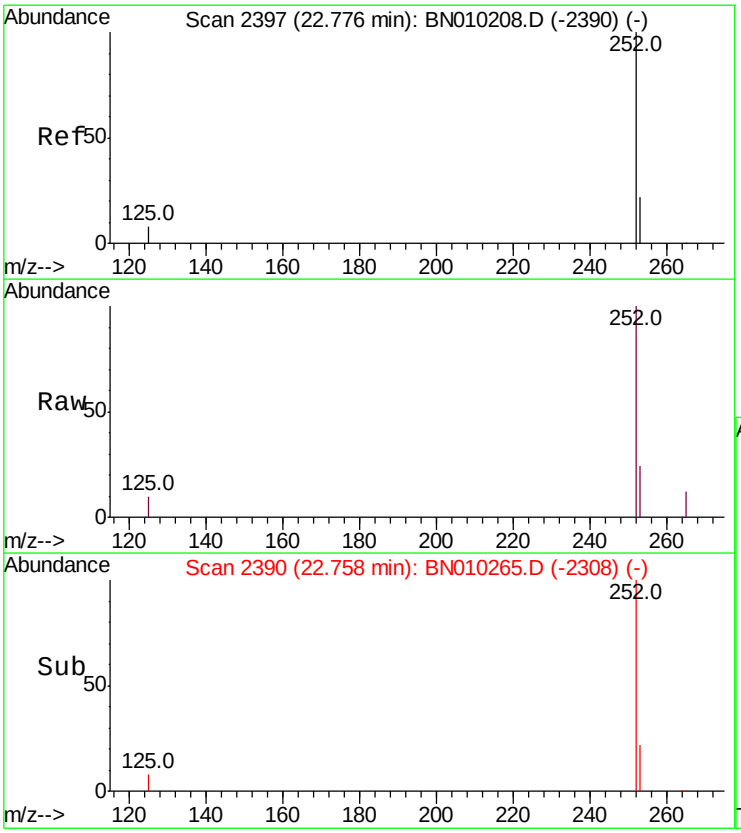
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24588

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	8.9	7.9	11.9

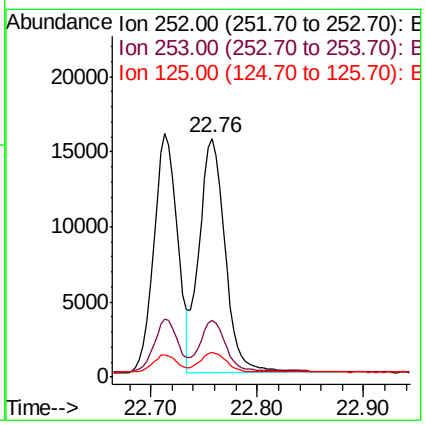


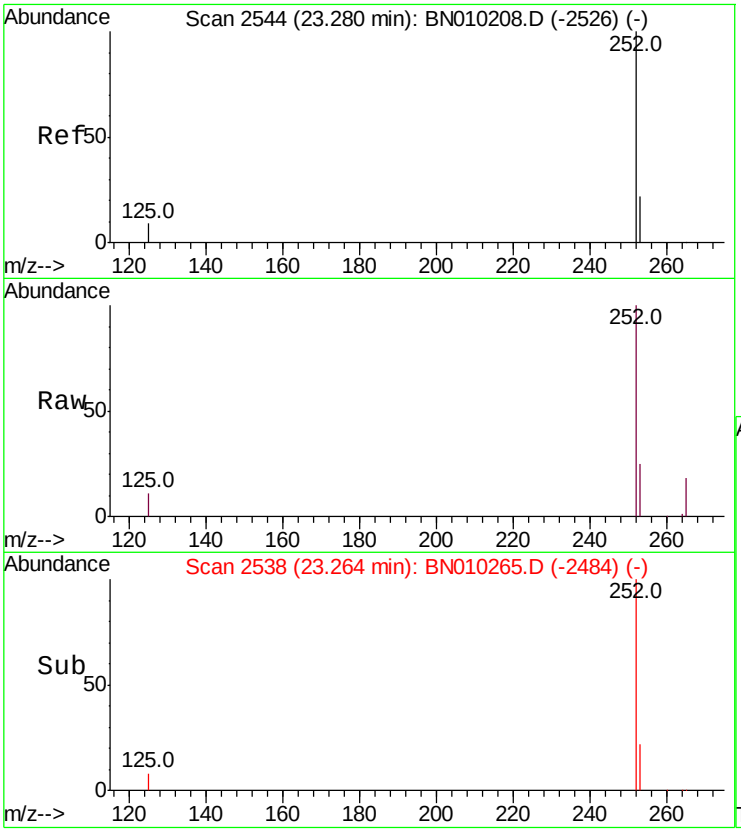


#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 22.76 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:252 Resp: 26285

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.8	28.2
125	10.4	8.2	12.4



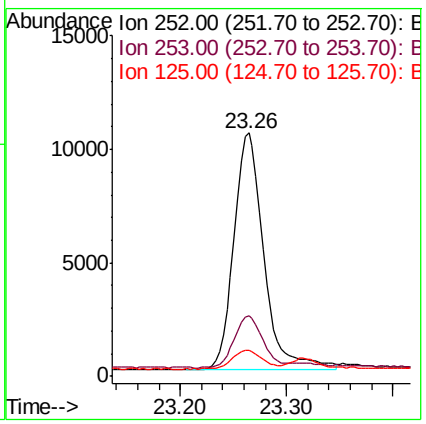


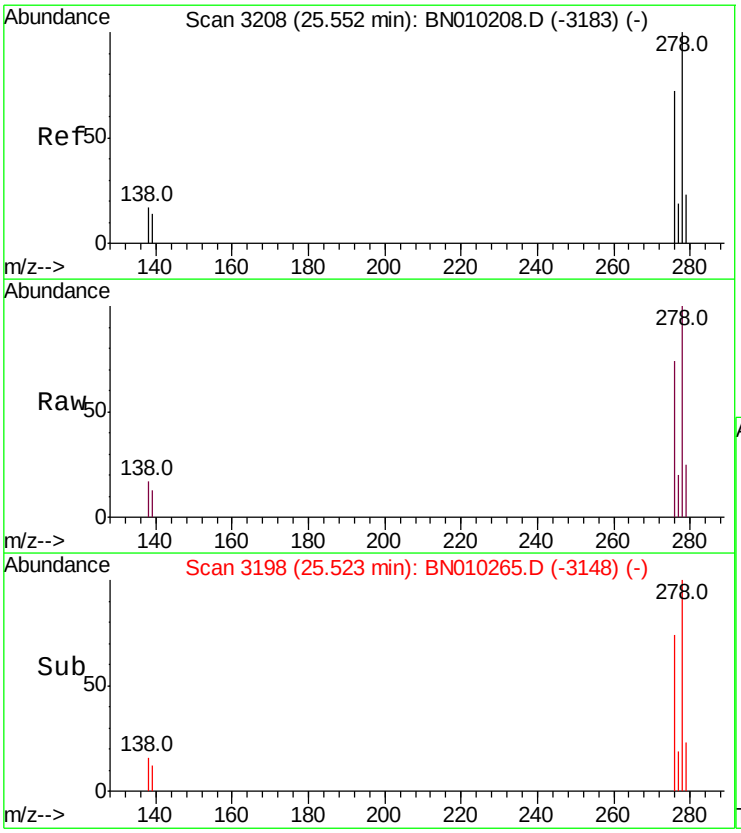
#37
Benzo(a)pyrene
Concen: 0.352 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 20625

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.1	28.7
125	10.8	9.2	13.8

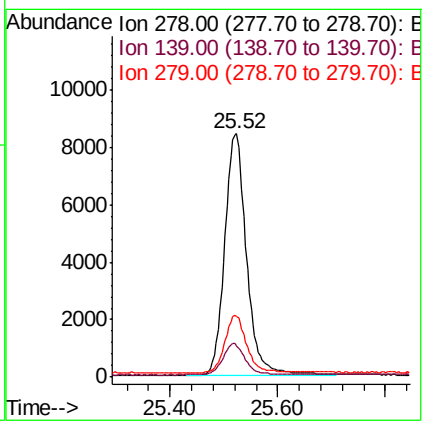


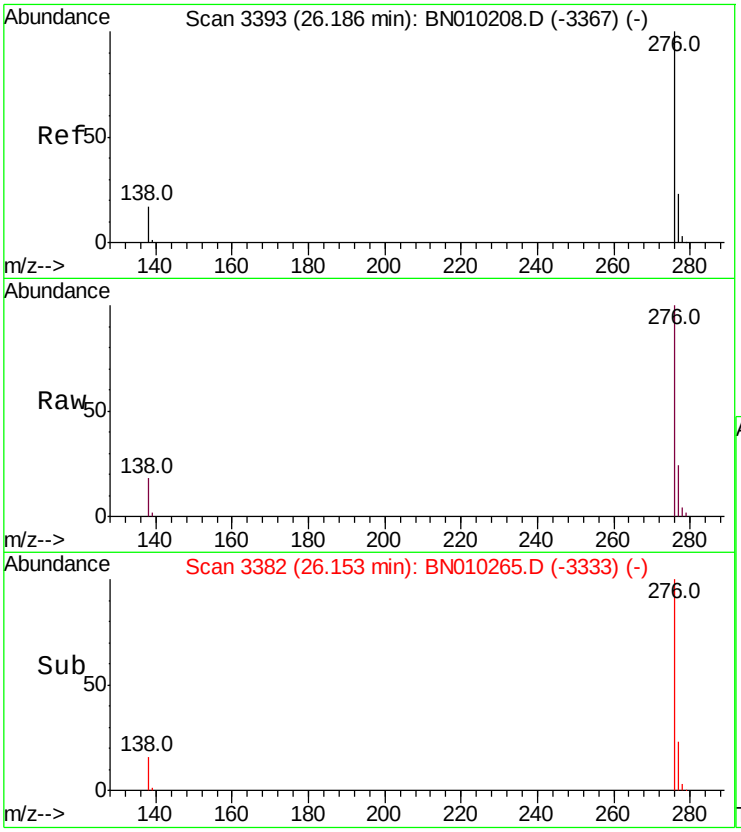


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.03 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:278 Resp: 23834

Ion	Ratio	Lower	Upper
278	100		
139	13.0	12.4	18.6
279	25.0	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 26.15 min Scan# 3382
Delta R.T. -0.03 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 23279

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	17.5	15.4	23.2