Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010211.D
Acq On : 13 Mar 2020 21:34
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 16 01:40:37 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	3274	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	11203	0.40	ng		0.00
13) Acenaphthene-d10	14.26	164	7448	0.40	ng		0.00
19) Phenanthrene-d10	17.00	188	17502	0.40	ng		0.00
27) Chrysene-d12	21.20	240	18094	0.40	ng		0.00
34) Perylene-d12	23.38	264	19528	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	22719	3.12	ng		0.00
5) Phenol-d6	6.82	99	29016	3.28	ng		0.00
8) Nitrobenzene-d5	8.77	82	22176	2.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	60313	2.78	ng		0.00
14) 2,4,6-Tribromophenol	15.75	330	8986	3.13	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	85367	3.04	ng		0.00
25) Fluoranthene-d10	19.03	212	172138	2.84	ng		0.00
29) Terphenyl-d14	19.65	244	129991	3.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	10018	2.988	ng	#	100
3) n-Nitrosodimethylamine	3.55	42	9626	1.748	ng	#	100
6) bis(2-Chloroethyl)ether	7.07	93	24877	2.888	ng		96
9) Naphthalene	10.44	128	89758	2.938	ng		95
10) Hexachlorobutadiene	10.76	225	20412	3.037	ng	#	100
12) 2-Methylnaphthalene	12.06	142	65235	3.114	ng		96
16) Acenaphthylene	13.97	152	110885	3.492	ng		100
17) Acenaphthene	14.31	154	67845	3.039	ng		98
18) Fluorene	15.31	166	91516	3.106	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	32560	2.671	ng		95
21) Hexachlorobenzene	16.32	284	32003	2.937	ng		98
22) Pentachlorophenol	16.66	266	10553	3.779	ng		88
23) Phenanthrene	17.04	178	148642	2.854	ng		100
24) Anthracene	17.13	178	149313	3.391	ng		100
26) Fluoranthene	19.06	202	186471	2.990	ng		100
28) Pyrene	19.43	202	191654	2.789	ng		100
30) Benzo(a)anthracene	21.19	228	196064	3.265	ng		99
31) Chrysene	21.23	228	191495	2.757	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	88184	3.010	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.53	276	224846	3.108	ng	#	100
35) Benzo(b)fluoranthene	22.73	252	194672	2.727	ng		96
36) Benzo(k)fluoranthene	22.78	252	196452	2.527	ng	#	96
37) Benzo(a)pyrene	23.28	252	183396	2.815	ng	#	95
38) Dibenzo(a,h)anthracene	25.56	278	183183	2.856	ng		96
39) Benzo(g,h,i)perylene	26.19	276	182202	2.667	ng		98

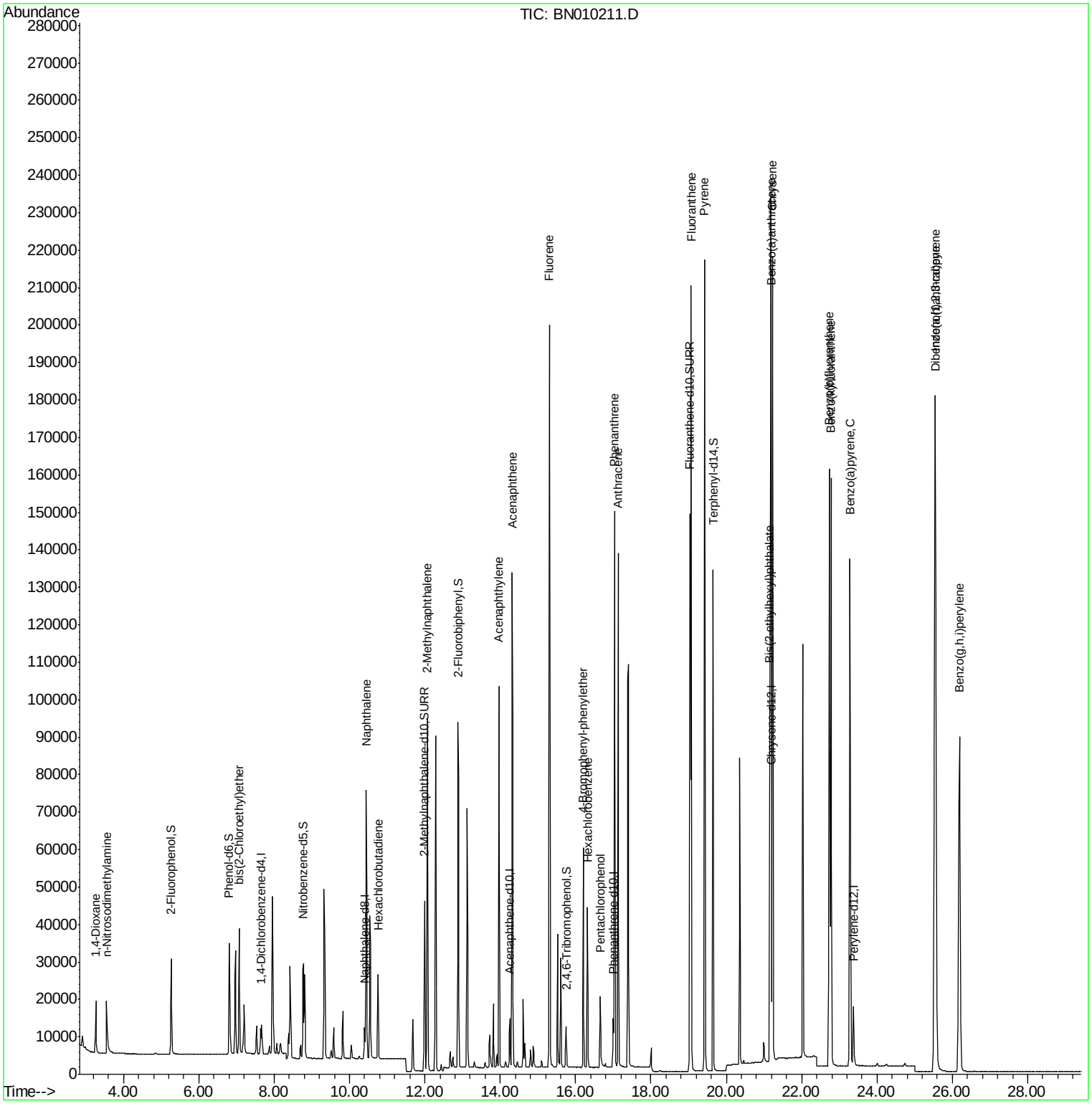
(#) = qualifier out of range (m) = manual integration (+) = signals summed

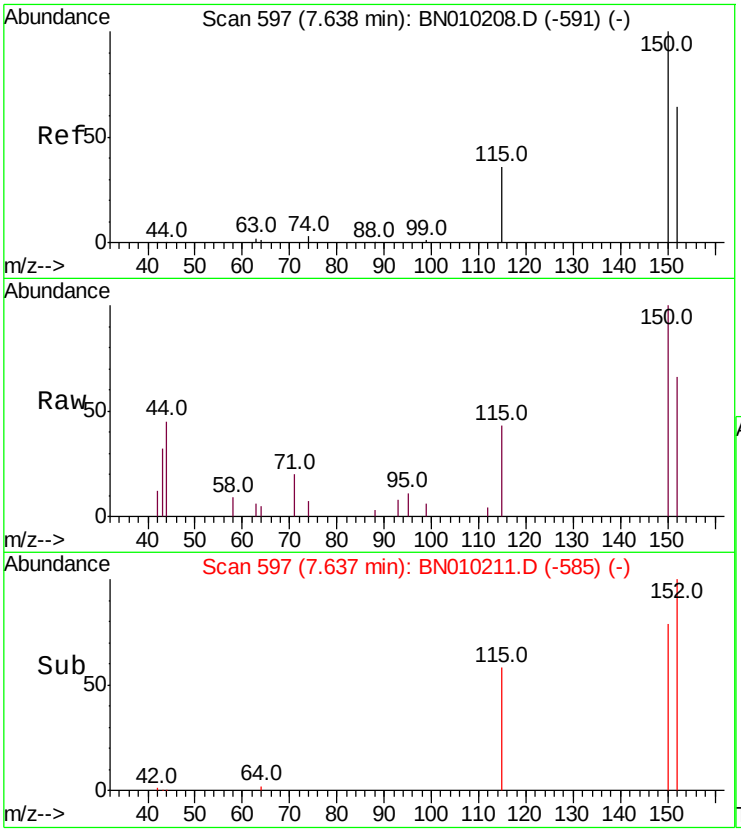
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010211.D
Acq On : 13 Mar 2020 21:34
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 16 01:40:37 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



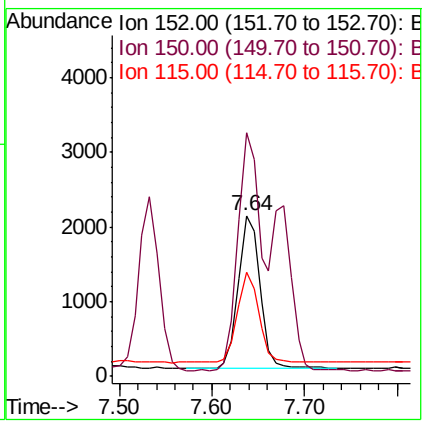


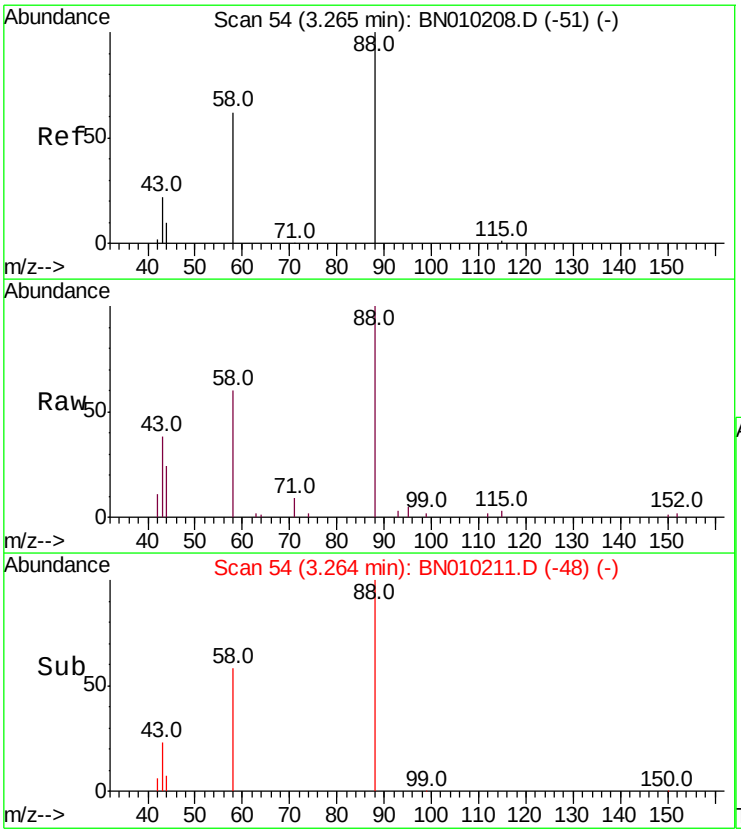
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3274

Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	64.5	50.9	76.3

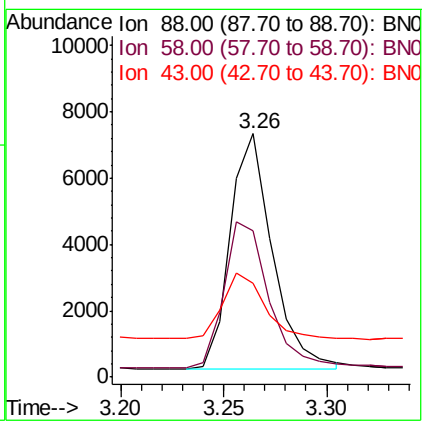


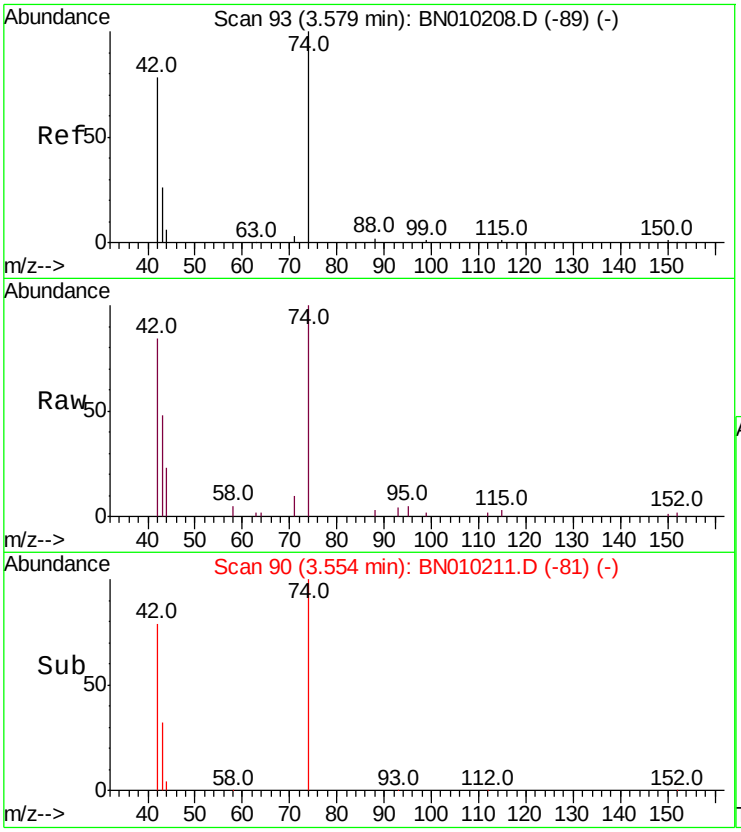


#2
1,4-Dioxane
Concen: 2.988 ng
RT: 3.26 min Scan# 54
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion: 88 Resp: 10018

Ion	Ratio	Lower	Upper
88	100		
58	65.2	0.0	0.0#
43	27.3	0.0	0.0#



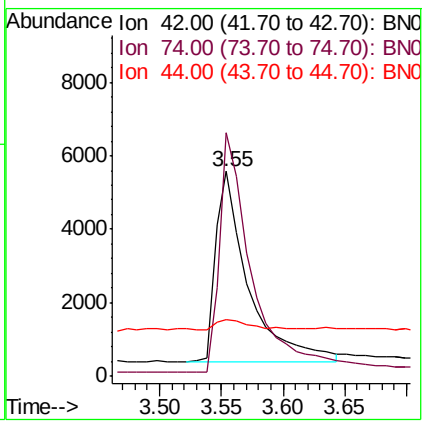


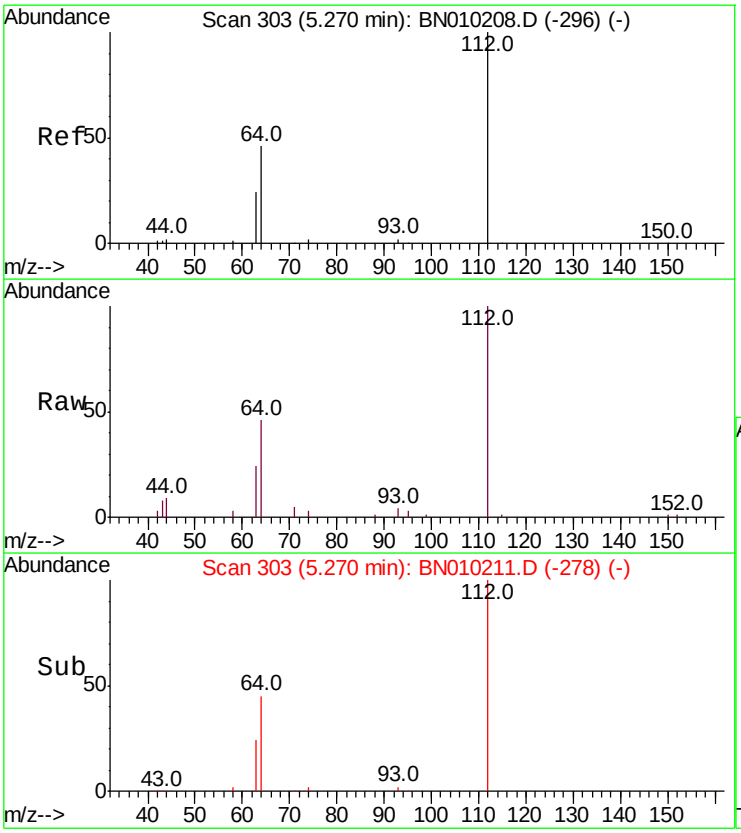
#3
n-Nitrosodimethylamine
Concen: 1.748 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 9626

Ion	Ratio	Lower	Upper
42	100		
74	123.8	0.0	0.0#
44	5.8	0.0	0.0#

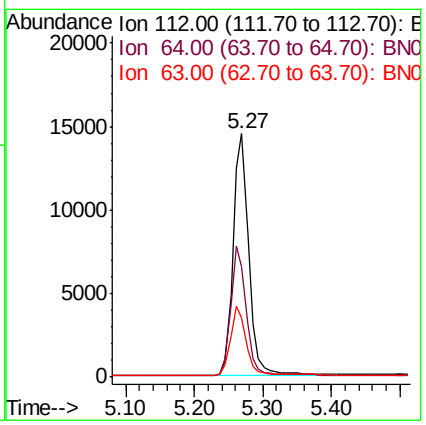


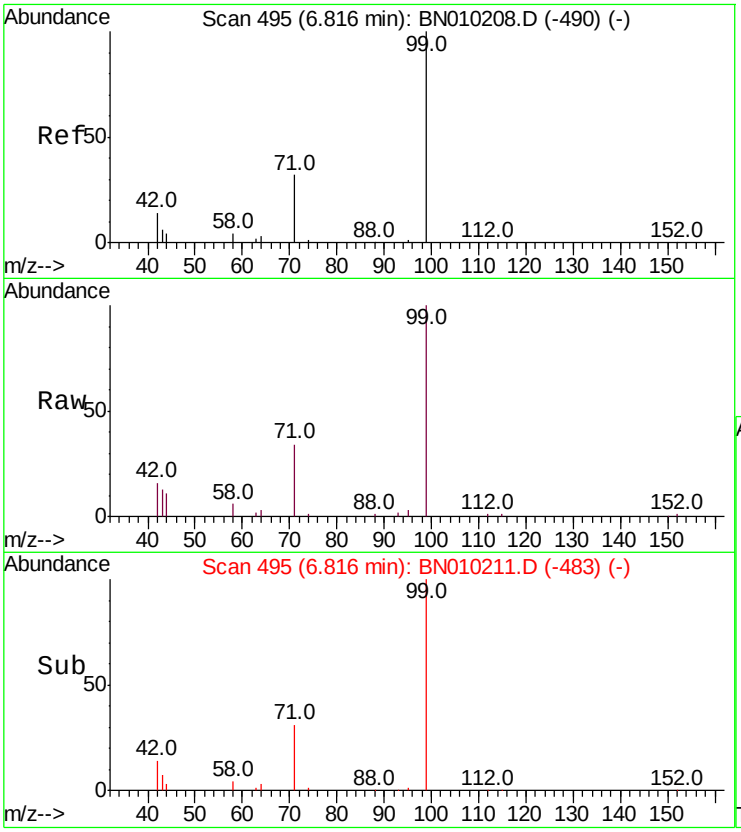


#4
2-Fluorophenol
Concen: 3.121 ng
RT: 5.27 min Scan# 303
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:112 Resp: 22719

Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.6	63.8
63	28.4	23.6	35.4



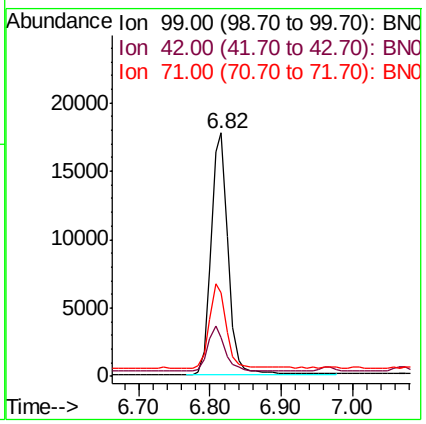


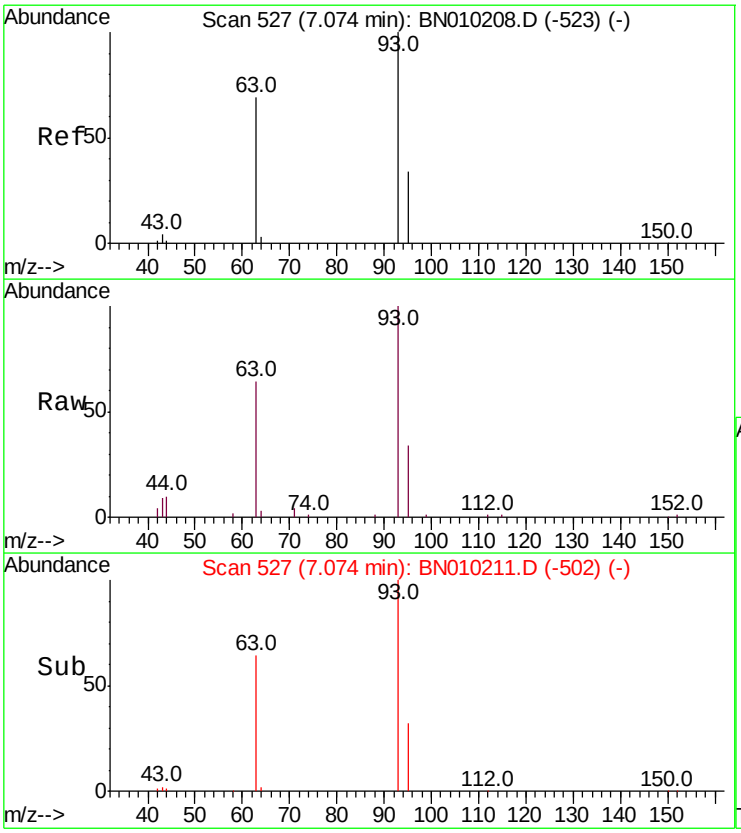
#5
Phenol-d6
Concen: 3.276 ng
RT: 6.82 min Scan# 495
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 29016

Ion	Ratio	Lower	Upper
99	100		
42	19.1	12.0	18.0#
71	34.3	22.6	33.8#

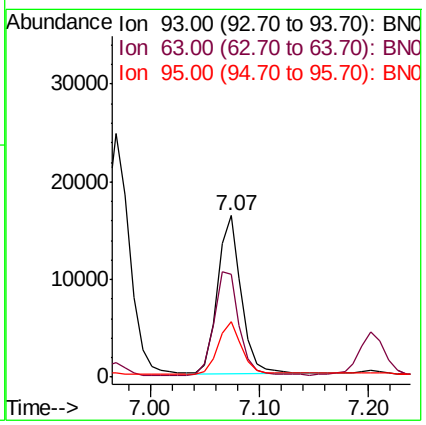


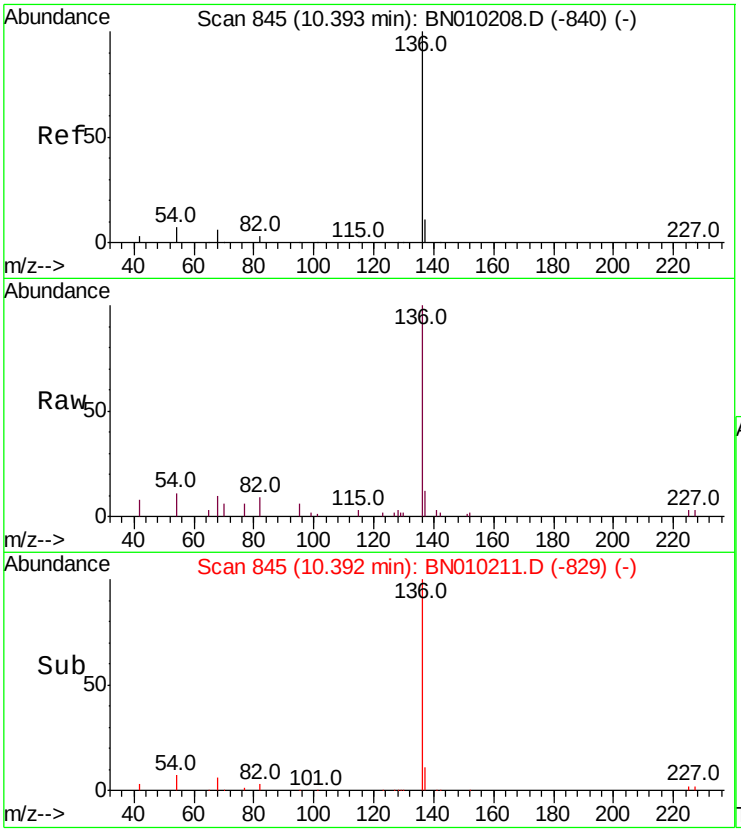


#6
bis(2-Chloroethyl)ether
Concen: 2.888 ng
RT: 7.07 min Scan# 527
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion: 93 Resp: 24877

Ion	Ratio	Lower	Upper
93	100		
63	69.9	53.4	80.0
95	33.2	28.6	42.8



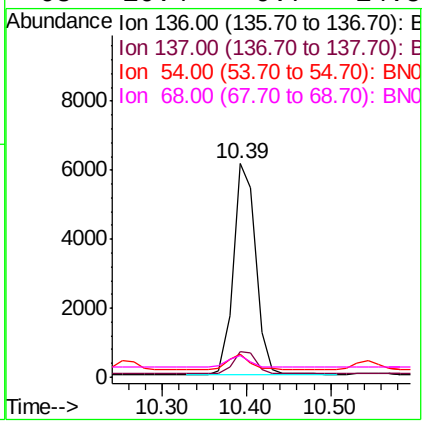


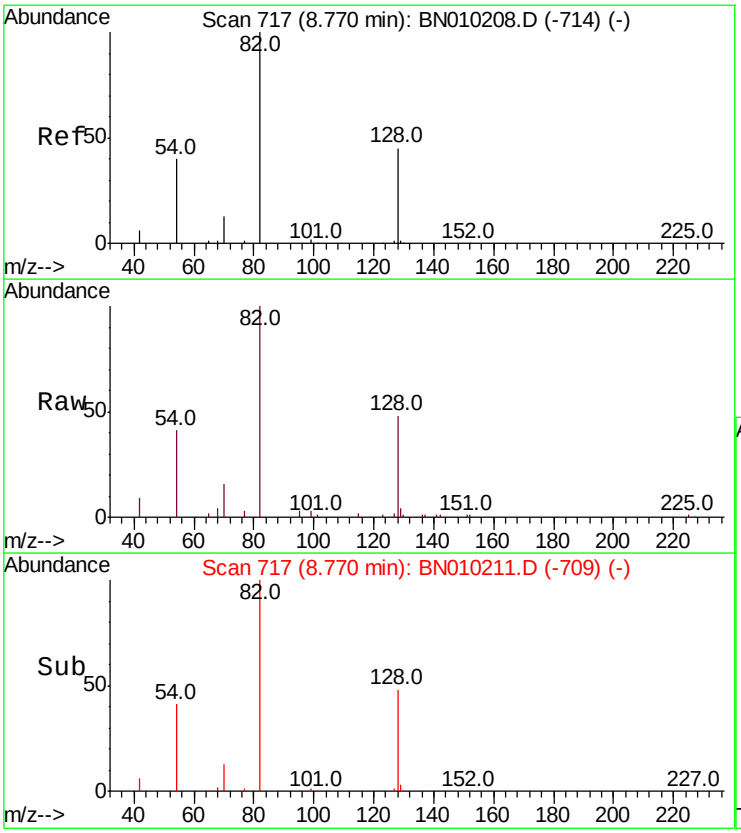
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11203

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.6	15.8
54	11.0	9.5	14.3
68	10.4	9.7	14.5

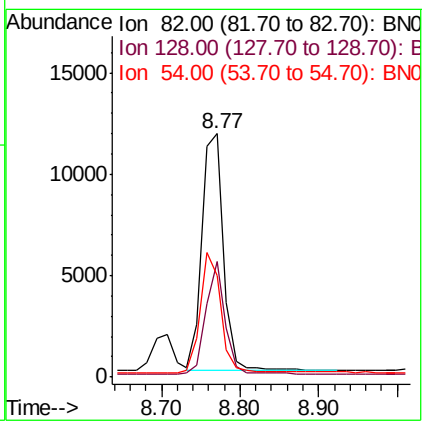


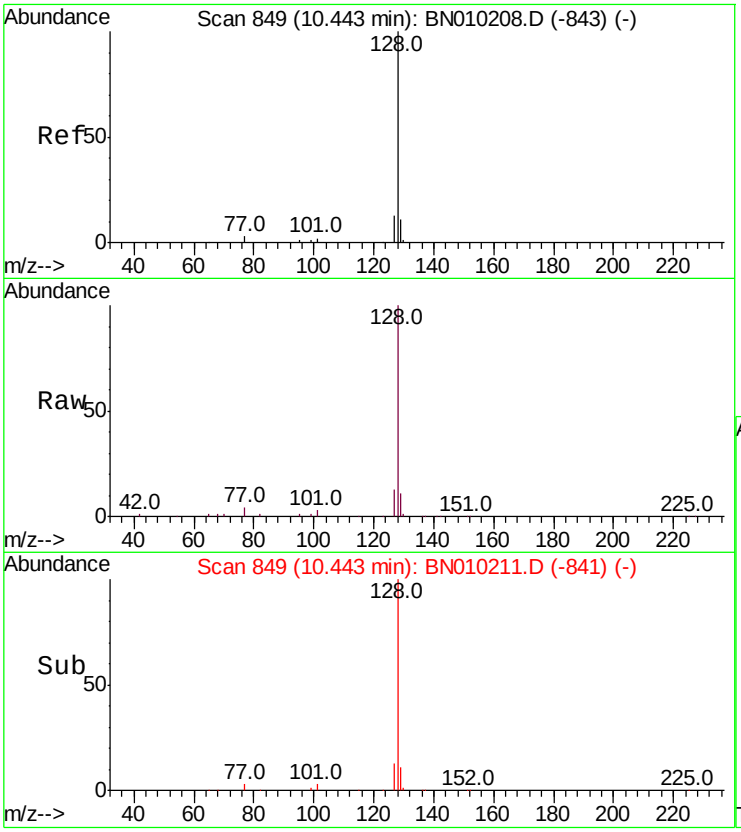


#8
Nitrobenzene-d5
Concen: 2.379 ng
RT: 8.77 min Scan# 717
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion: 82 Resp: 22176

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.0	52.6
54	41.5	37.0	55.4

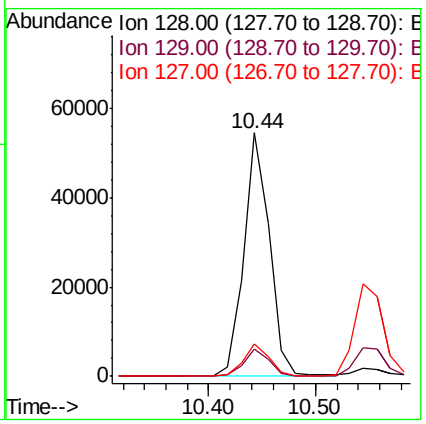




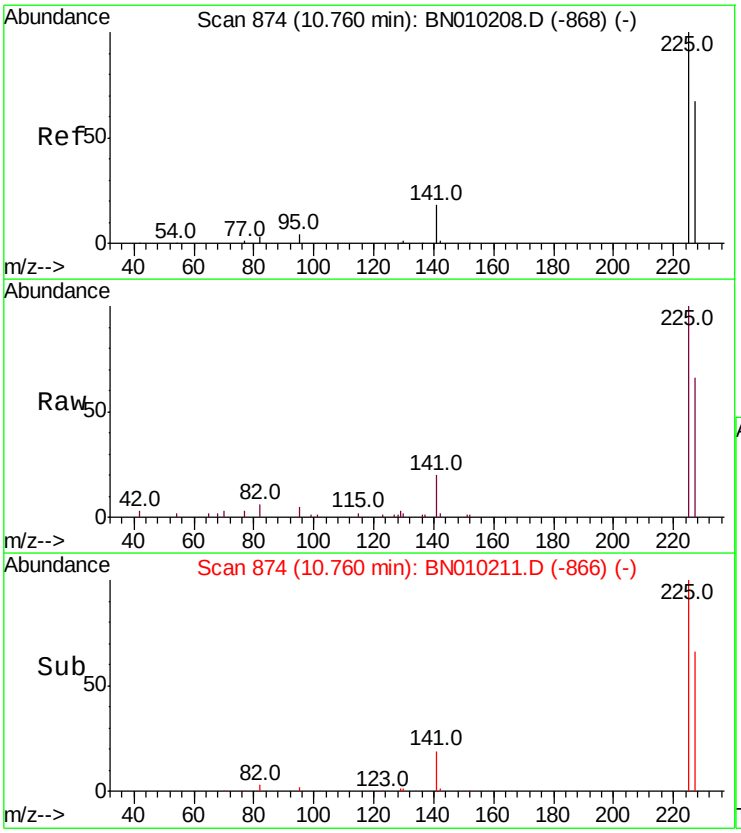
#9
Naphthalene
Concen: 2.938 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:128 Resp: 89758

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.5	15.7
127	13.3	12.1	18.1



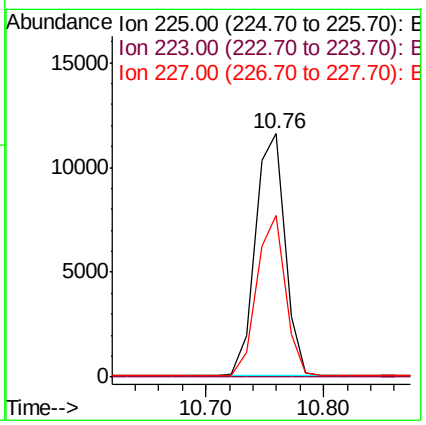
Instrument :
BNA_N
ClientSampleId :

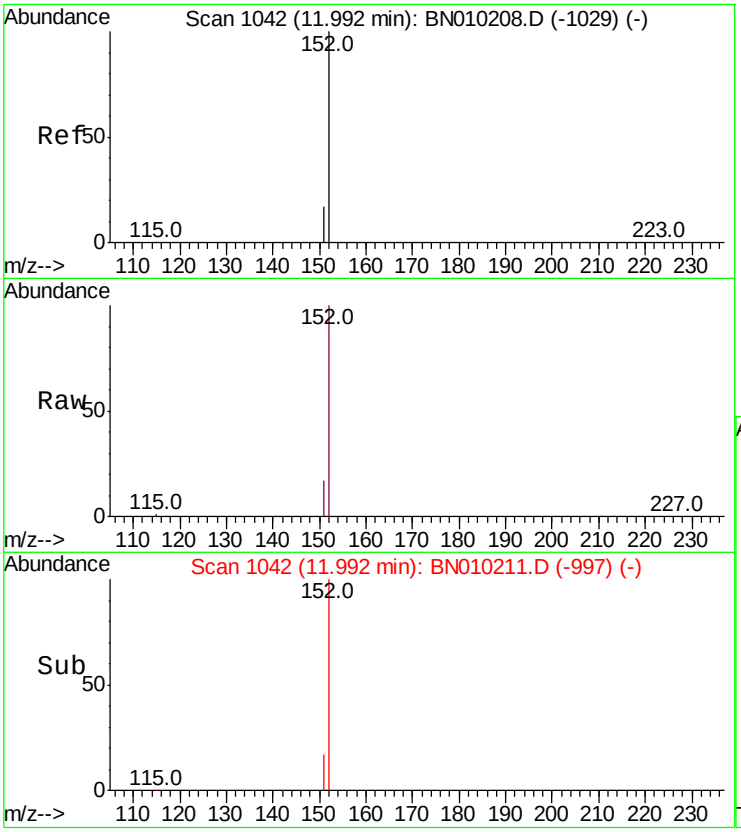


#10
Hexachlorobutadiene
Concen: 3.037 ng
RT: 10.76 min Scan# 874
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:225 Resp: 20412

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	0.0	0.0#



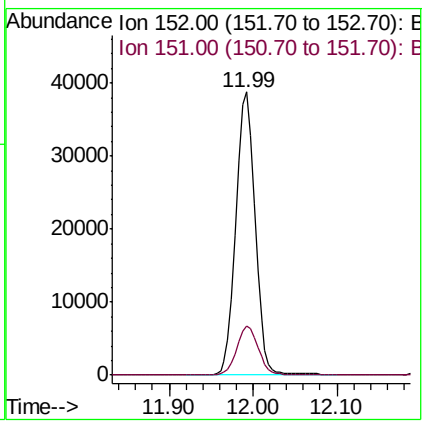


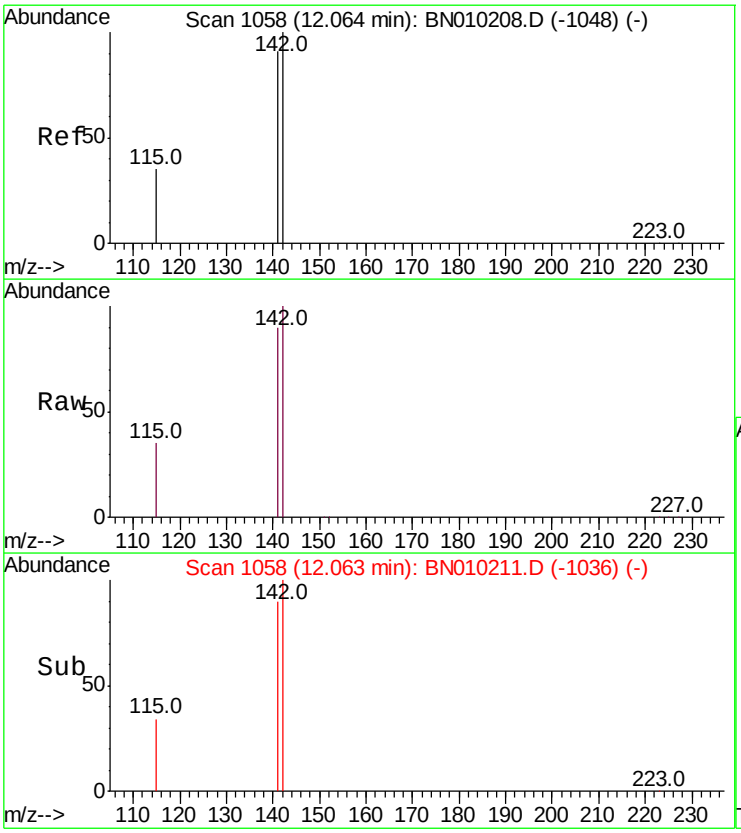
#11
2-Methylnaphthalene-d10
Concen: 2.782 ng
RT: 11.99 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 60313

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

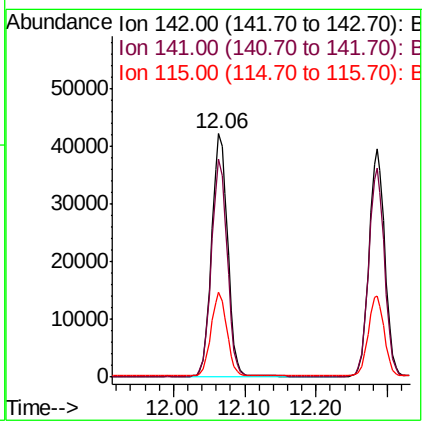


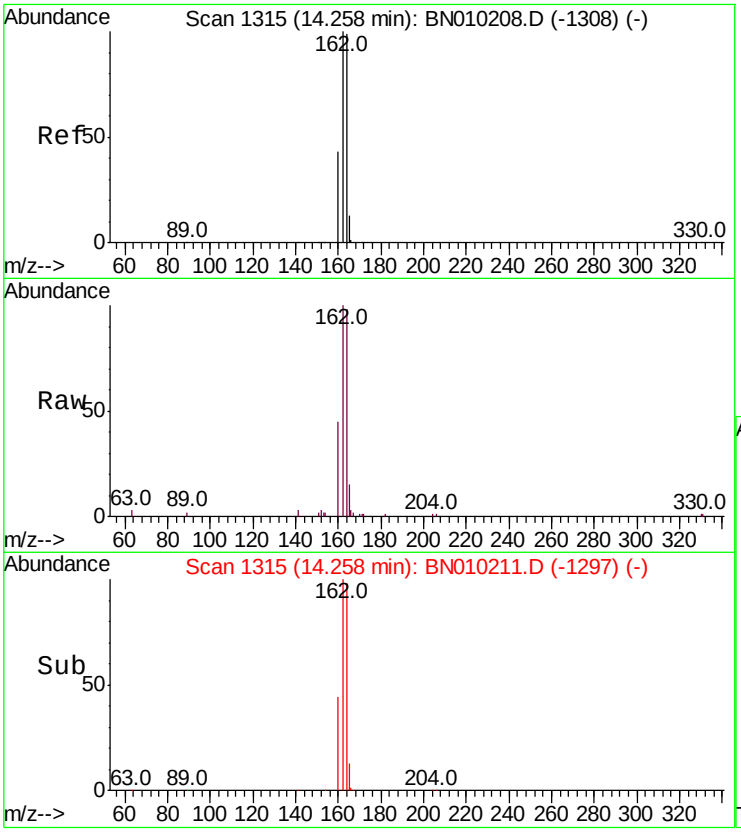


#12
2-Methylnaphthalene
Concen: 3.114 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:142 Resp: 65235

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.7	110.5
115	34.8	31.2	46.8



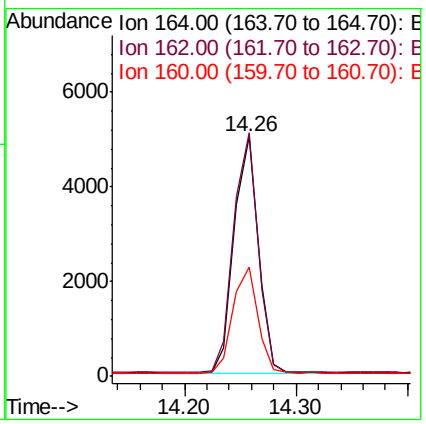


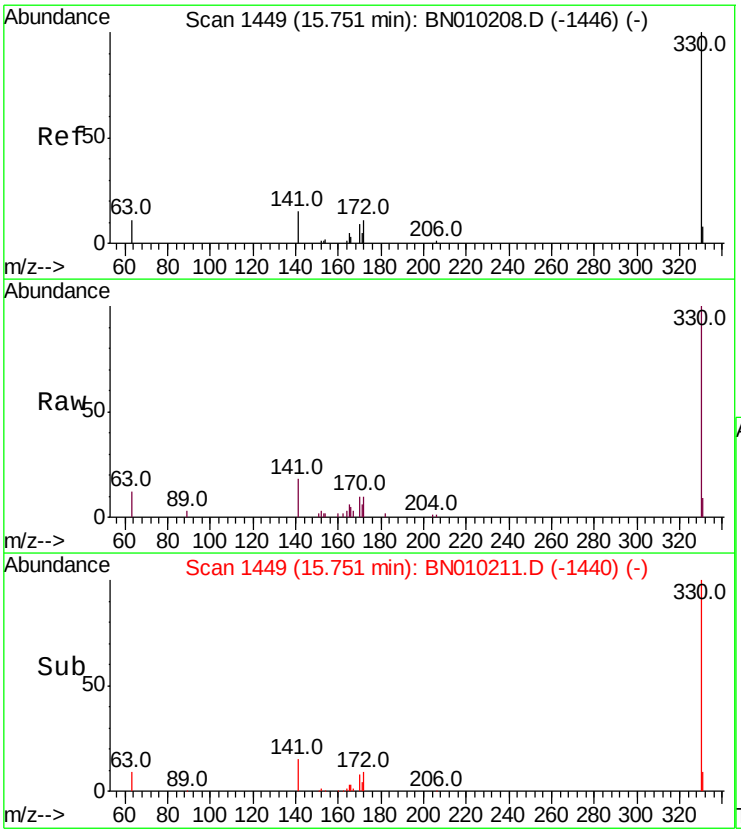
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.26 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7448

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.0	121.4
160	45.5	35.6	53.4

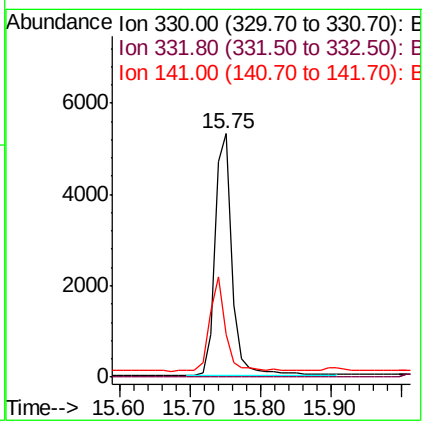


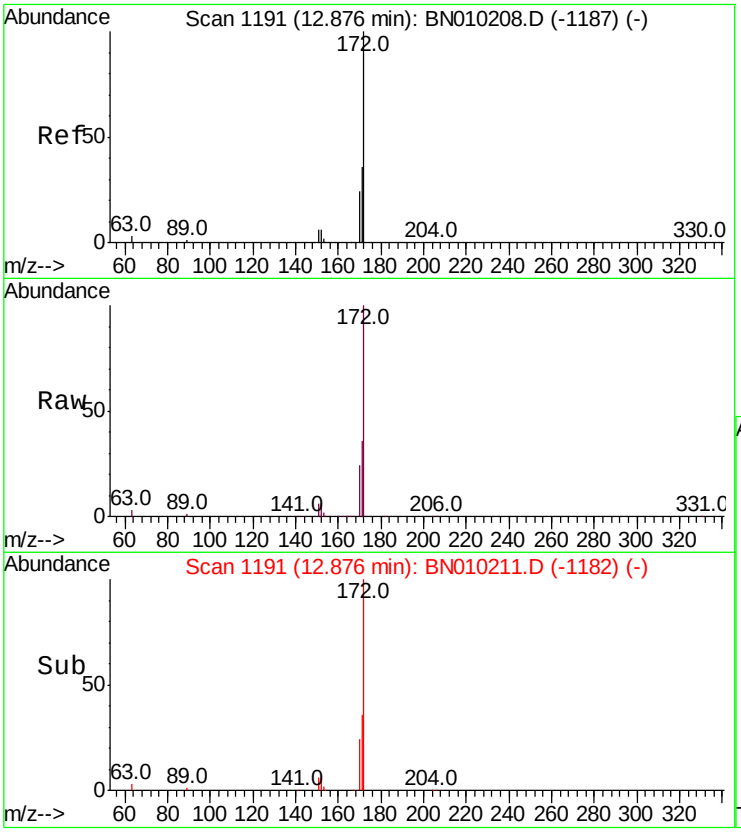


#14
2,4,6-Tribromophenol
Concen: 3.132 ng
RT: 15.75 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:330 Resp: 8986

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	25.1	37.7



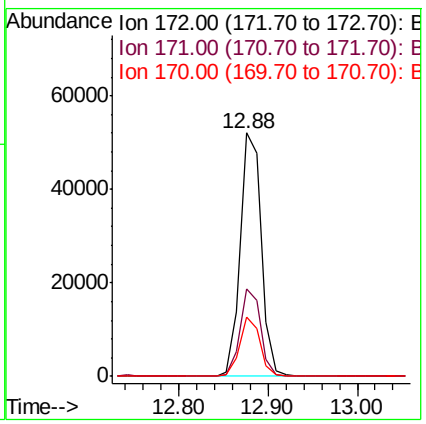


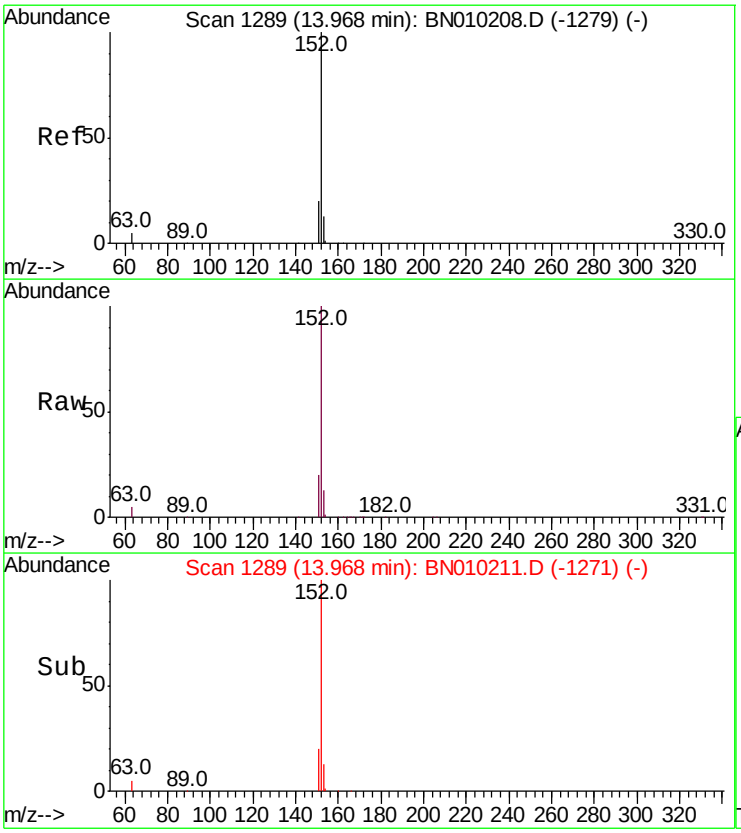
#15
2-Fluorobiphenyl
Concen: 3.037 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 85367

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	24.2	20.2	30.4

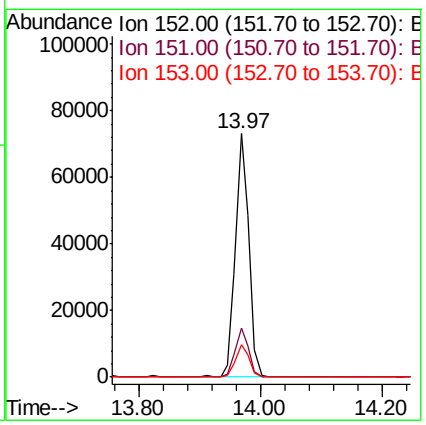


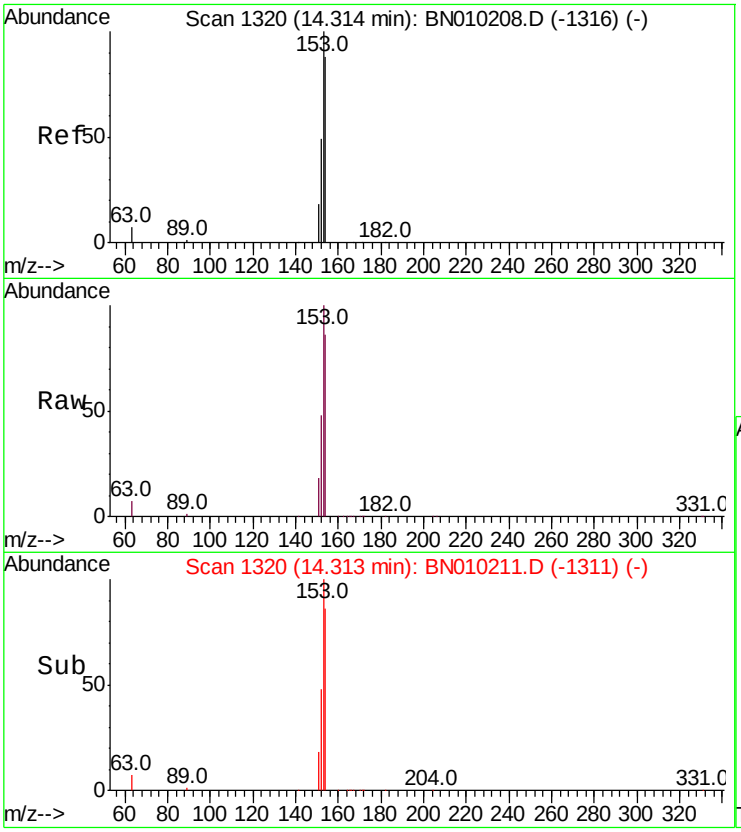


#16
Acenaphthylene
Concen: 3.492 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:152 Resp: 110885

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.1	10.6	16.0



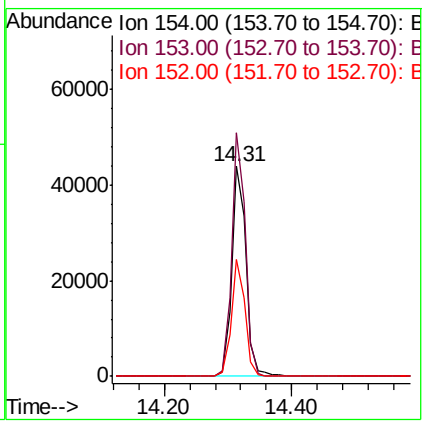


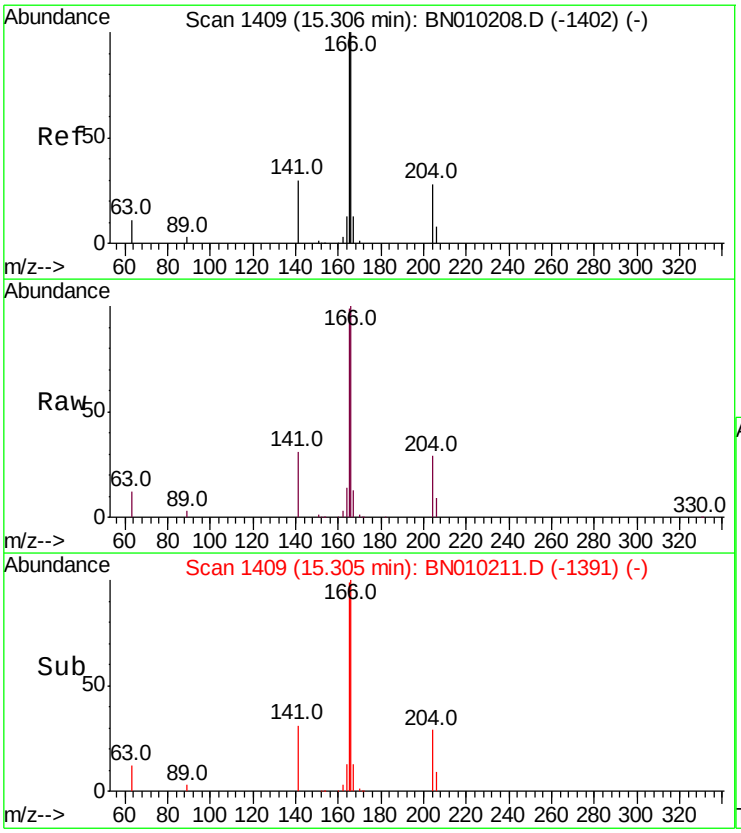
#17
Acenaphthene
Concen: 3.039 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 67845

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.3	135.5
152	52.7	42.9	64.3

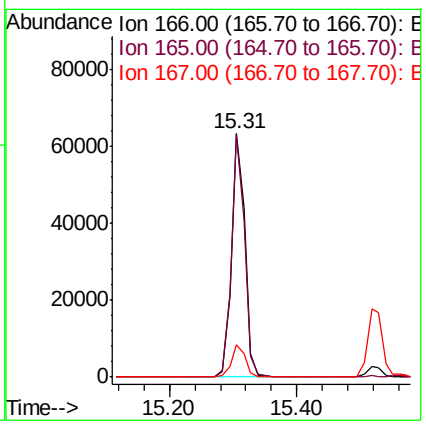


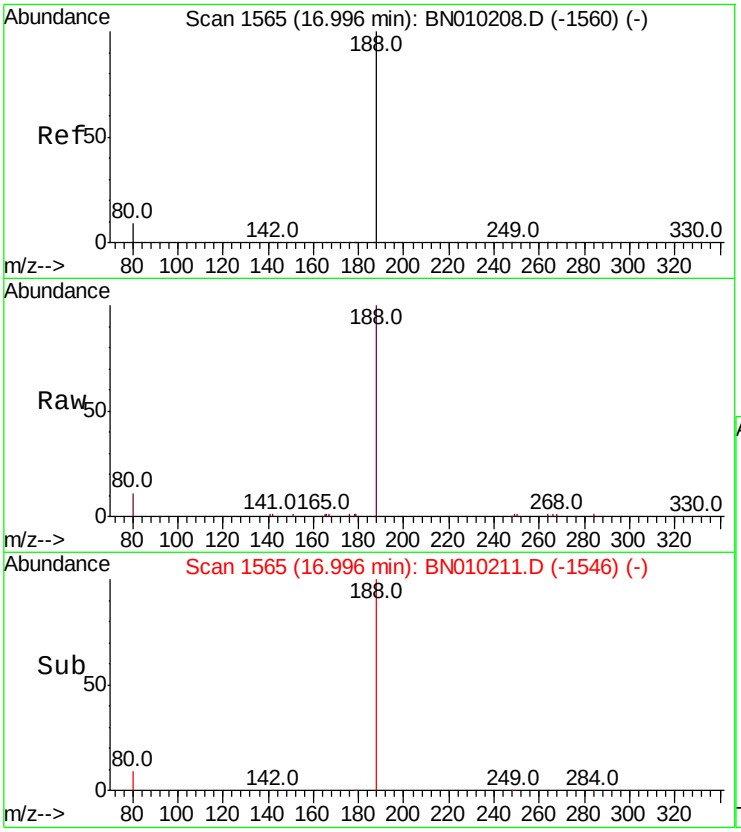


#18
Fluorene
Concen: 3.106 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:166 Resp: 91516

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.3	117.5
167	13.4	10.7	16.1



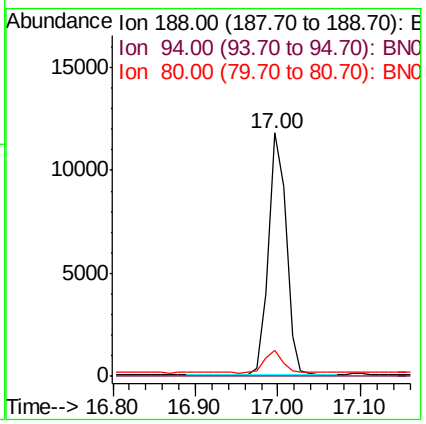


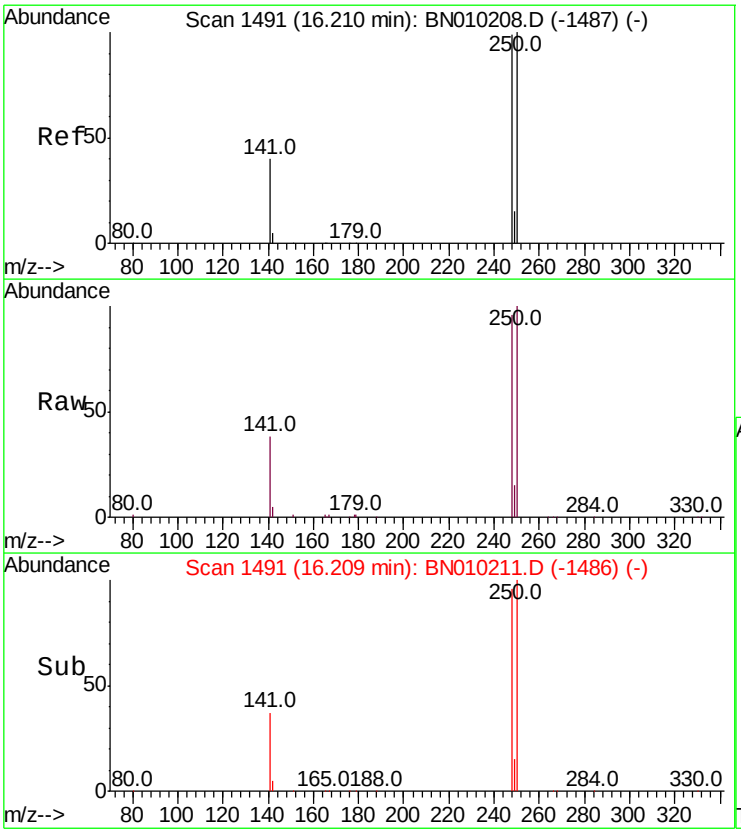
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 17502

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	8.6	12.8

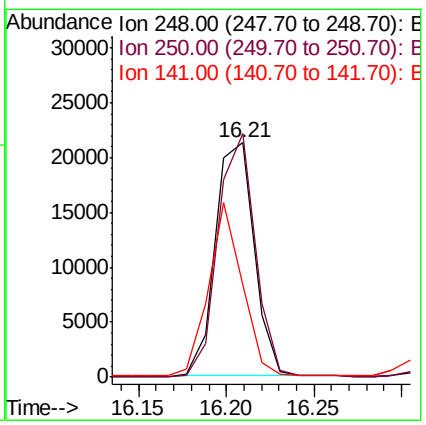


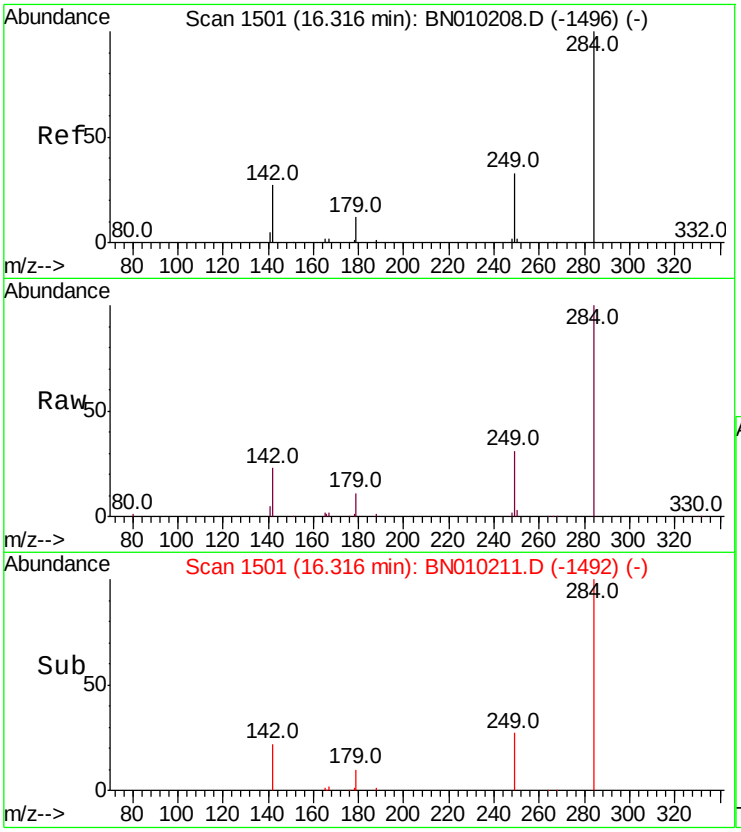


#20
4-Bromophenyl-phenylether
Concen: 2.671 ng
RT: 16.21 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:248 Resp: 32560

Ion	Ratio	Lower	Upper
248	100		
250	103.9	81.2	121.8
141	39.4	36.7	55.1



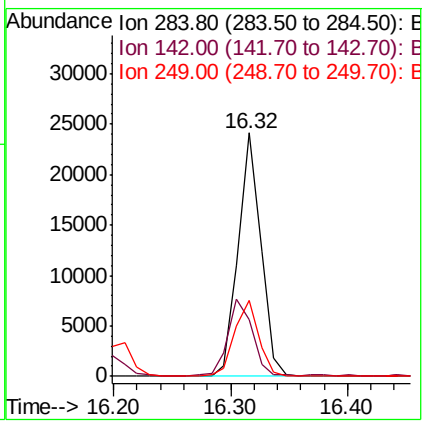


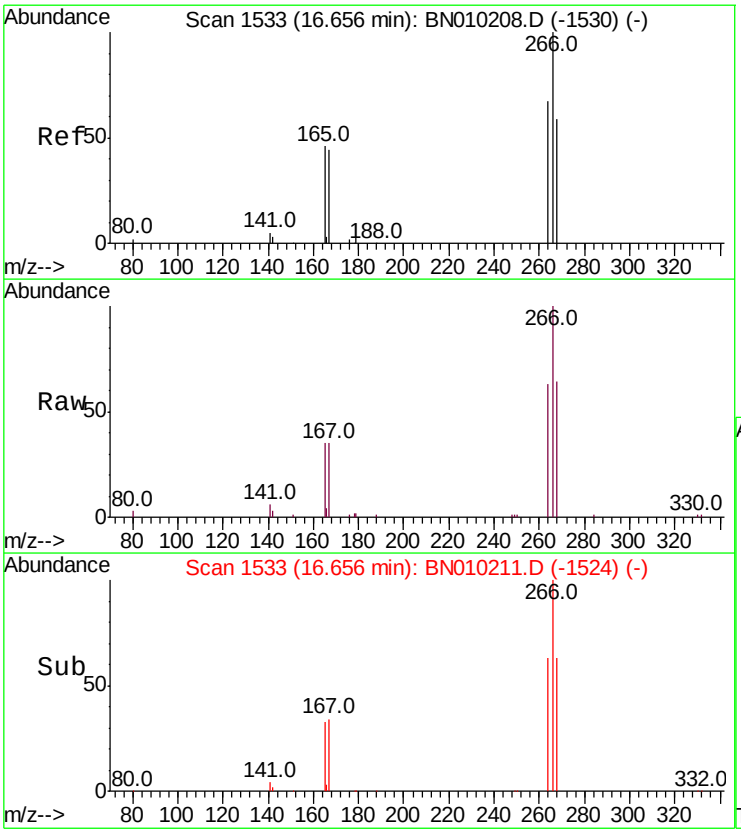
#21
Hexachlorobenzene
Concen: 2.937 ng
RT: 16.32 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 32003

Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.8	41.6
249	32.1	26.6	39.8

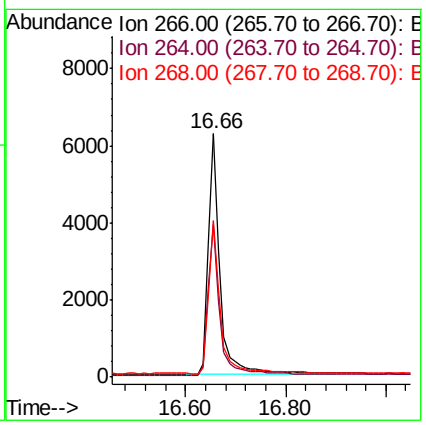


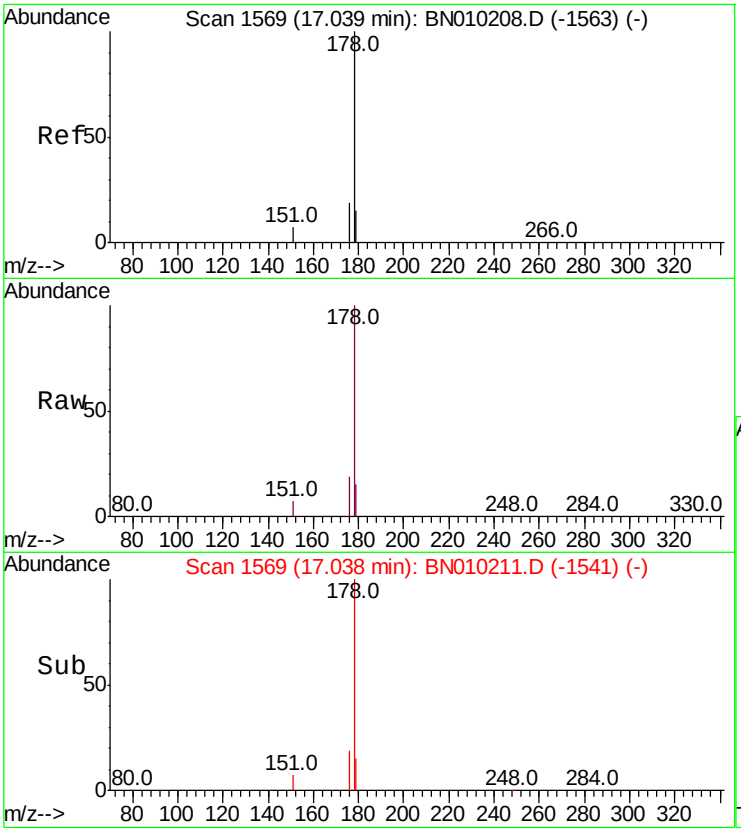


#22
Pentachlorophenol
Concen: 3.779 ng
RT: 16.66 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:266 Resp: 10553

Ion	Ratio	Lower	Upper
266	100		
264	62.8	56.2	84.2
268	64.2	61.4	92.2



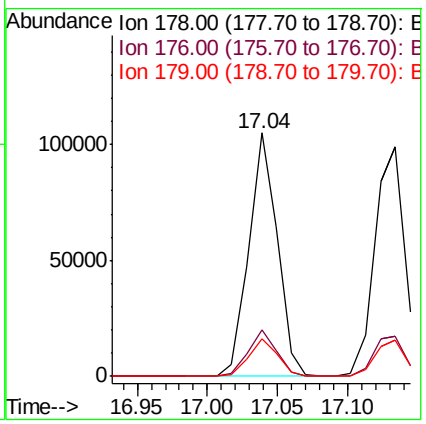


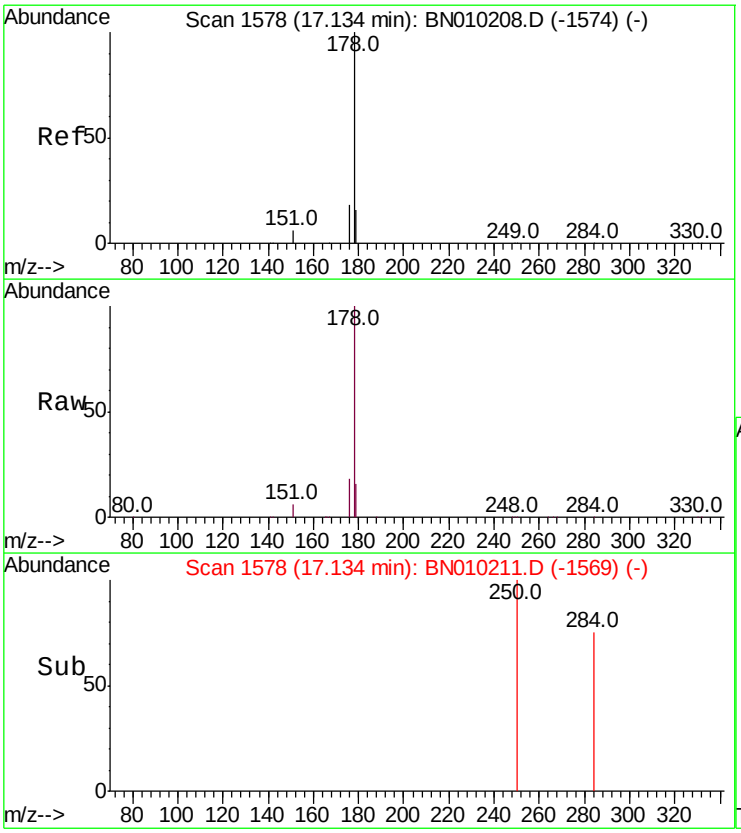
#23
Phenanthrene
Concen: 2.854 ng
RT: 17.04 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 148642

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.5	18.7

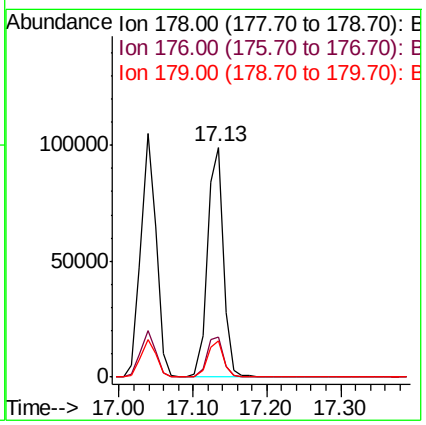


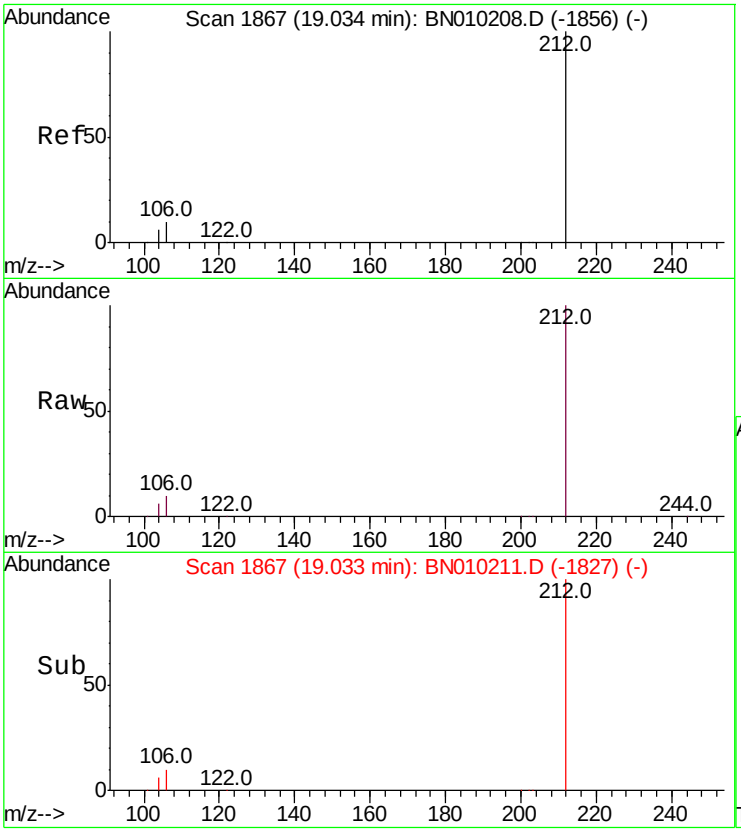


#24
Anthracene
Concen: 3.391 ng
RT: 17.13 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:178 Resp: 149313

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.5	18.7



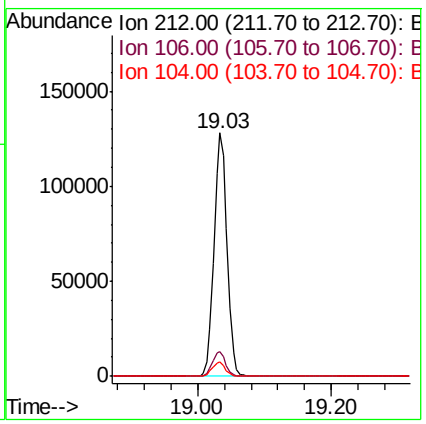


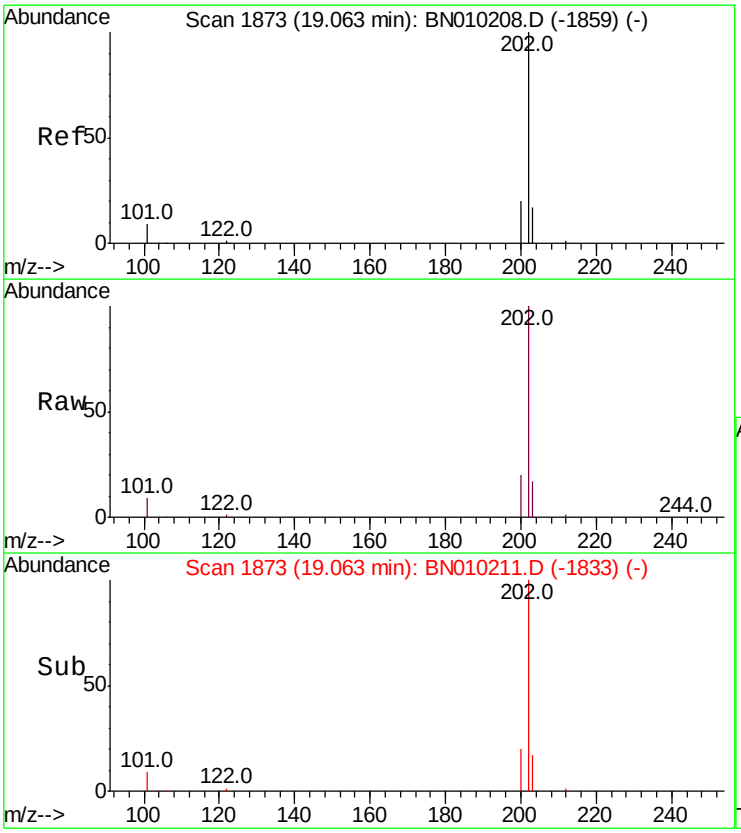
#25
Fluoranthene-d10
Concen: 2.843 ng
RT: 19.03 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 172138

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.1	12.1
104	5.7	4.7	7.1

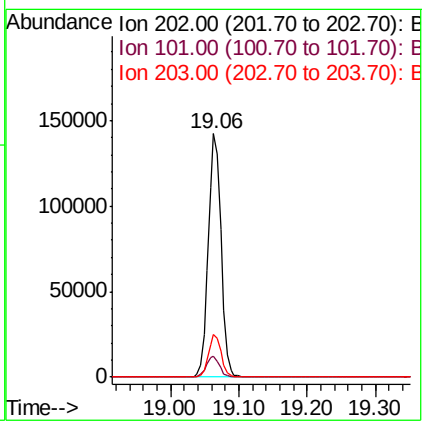


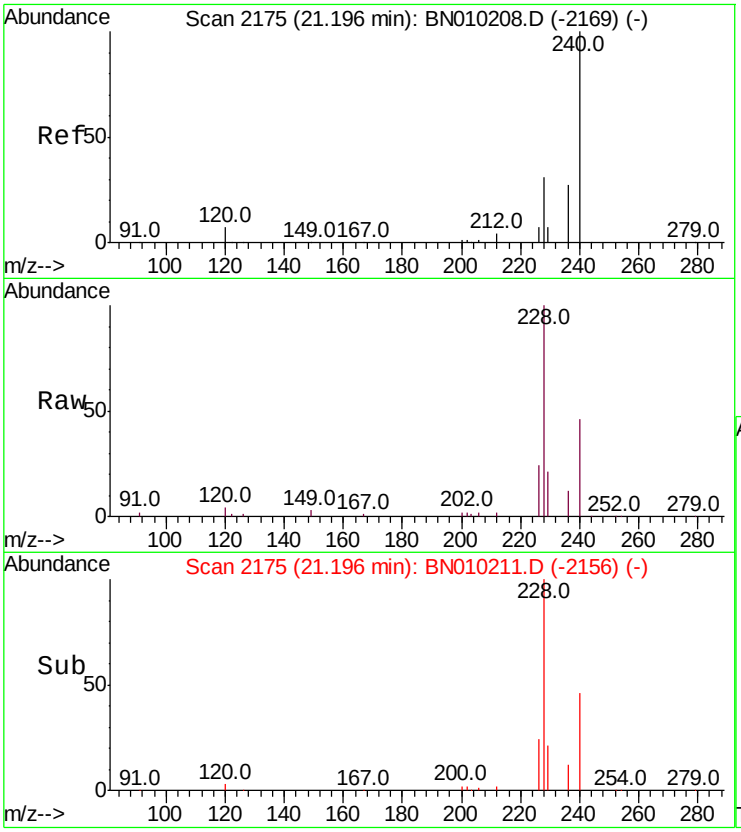


#26
Fluoranthene
Concen: 2.990 ng
RT: 19.06 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:202 Resp: 186471

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
203	17.3	13.9	20.9



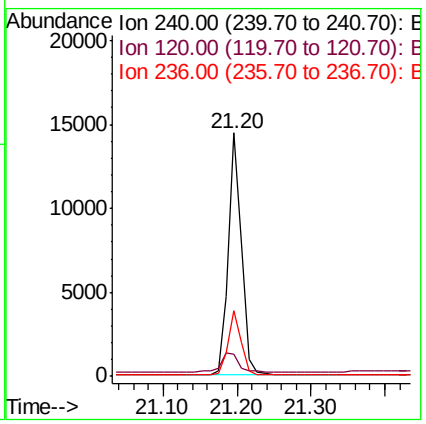


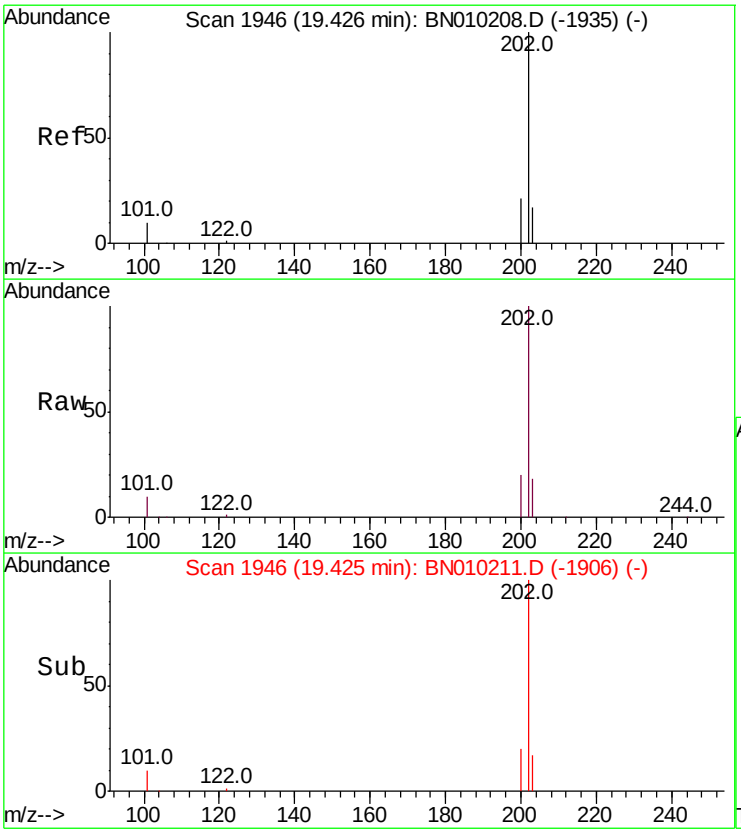
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18094

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.7	11.5
236	27.1	21.8	32.6

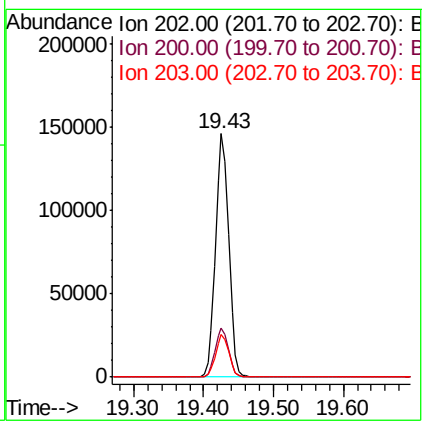


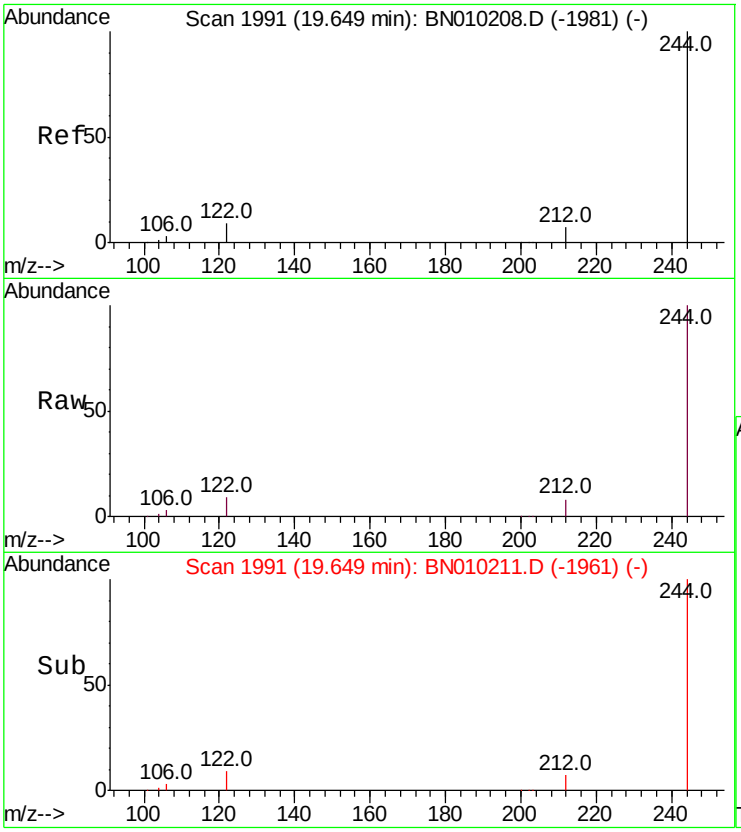


#28
Pyrene
Concen: 2.789 ng
RT: 19.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:202 Resp: 191654

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.5	14.1	21.1



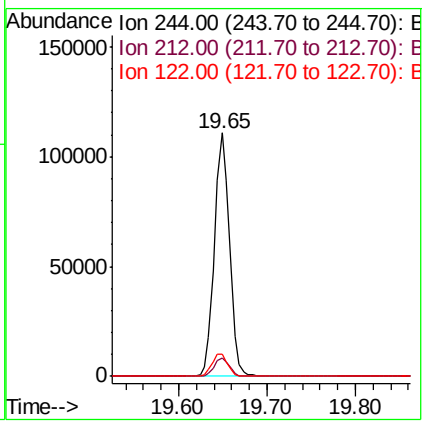


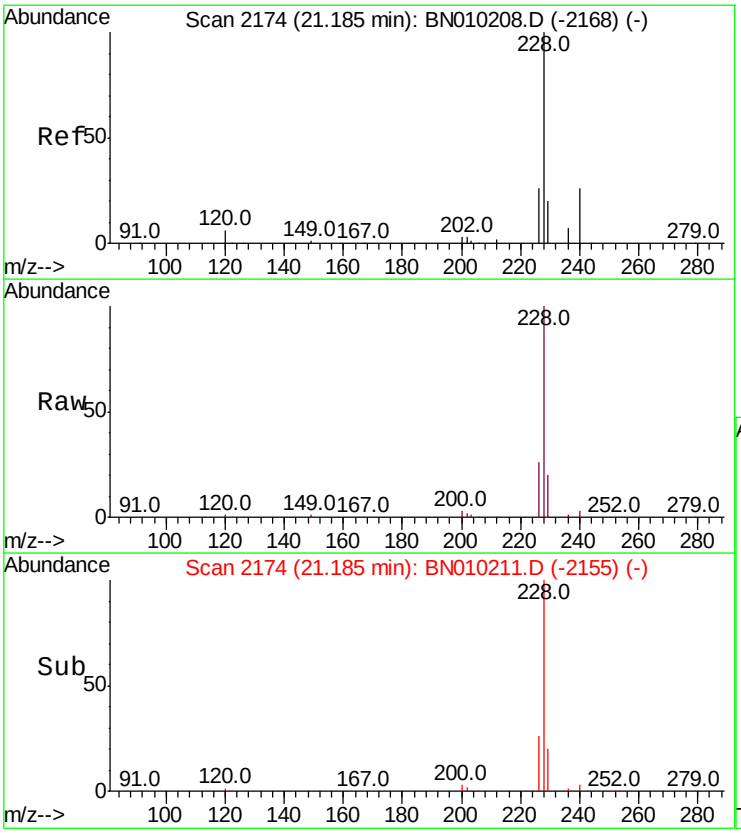
#29
Terphenyl-d14
Concen: 3.007 ng
RT: 19.65 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 129991

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	9.1	8.1	12.1

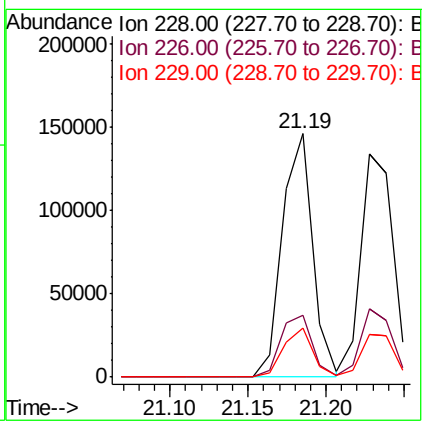


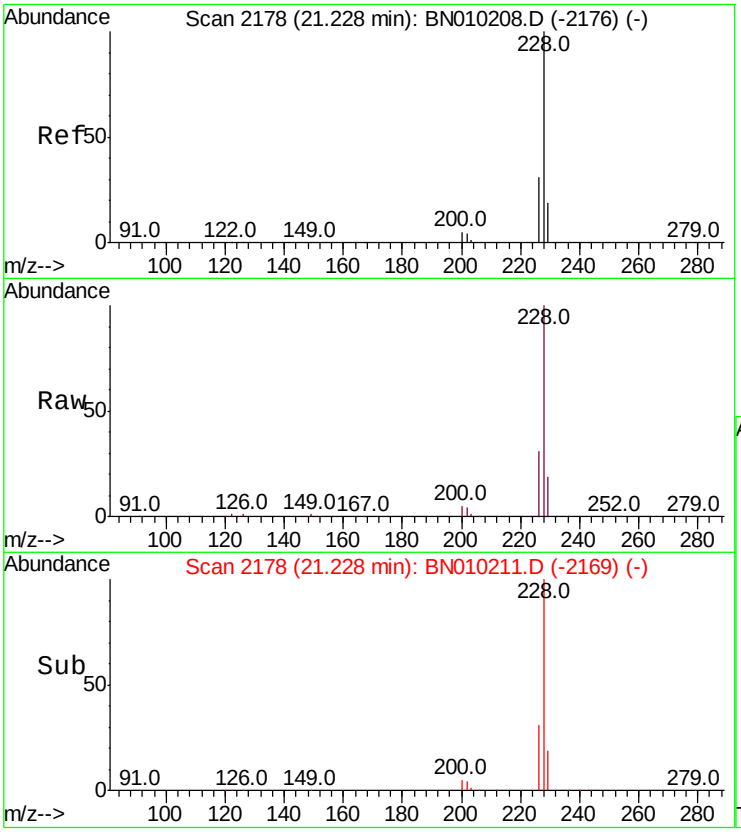


#30
Benzo(a)anthracene
Concen: 3.265 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:228 Resp: 196064

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.1	31.7
229	20.1	16.2	24.4



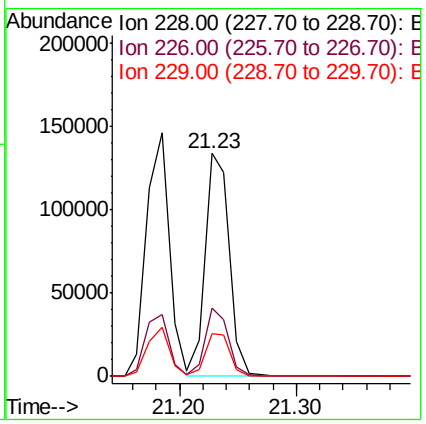


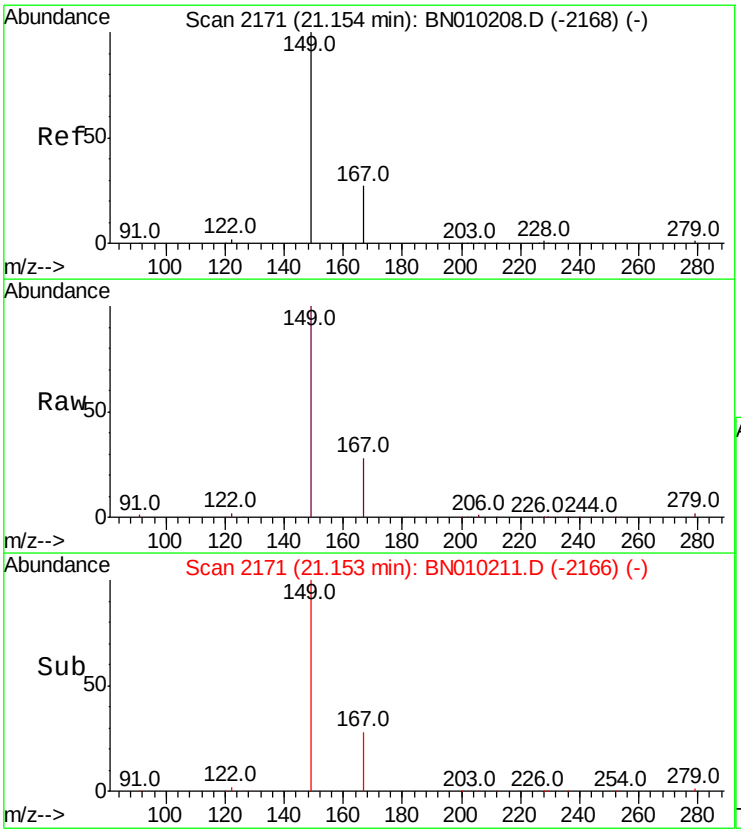
#31
Chrysene
Concen: 2.757 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 191495

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	19.1	15.7	23.5

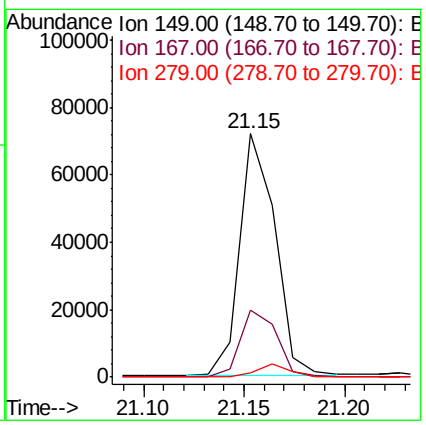


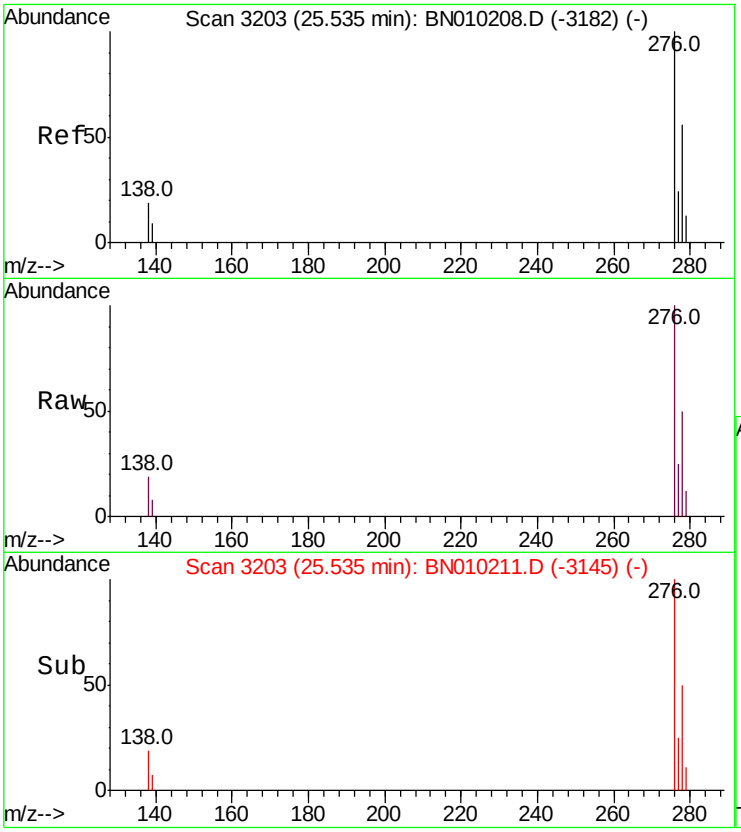


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.010 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:149 Resp: 88184

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.0	31.4
279	4.7	0.0	0.0#



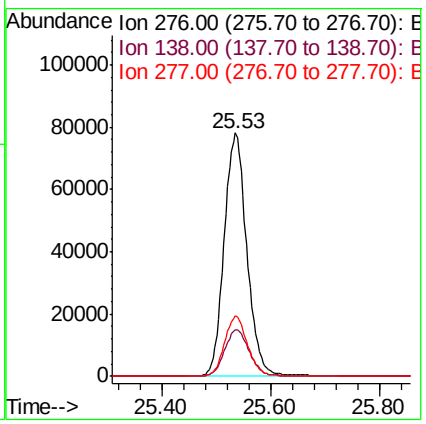


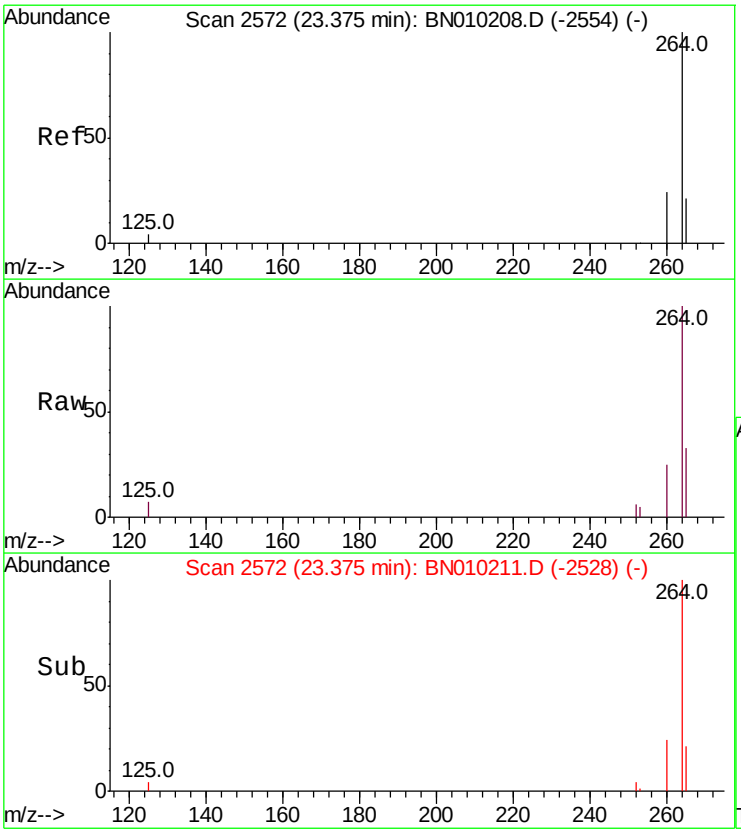
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.108 ng
RT: 25.53 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 224846

Ion	Ratio	Lower	Upper
276	100		
138	20.6	0.0	0.0#
277	25.1	0.0	0.0#

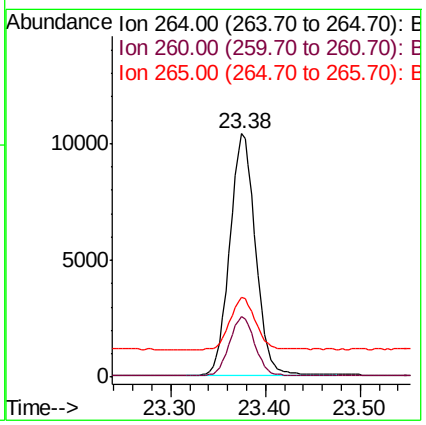


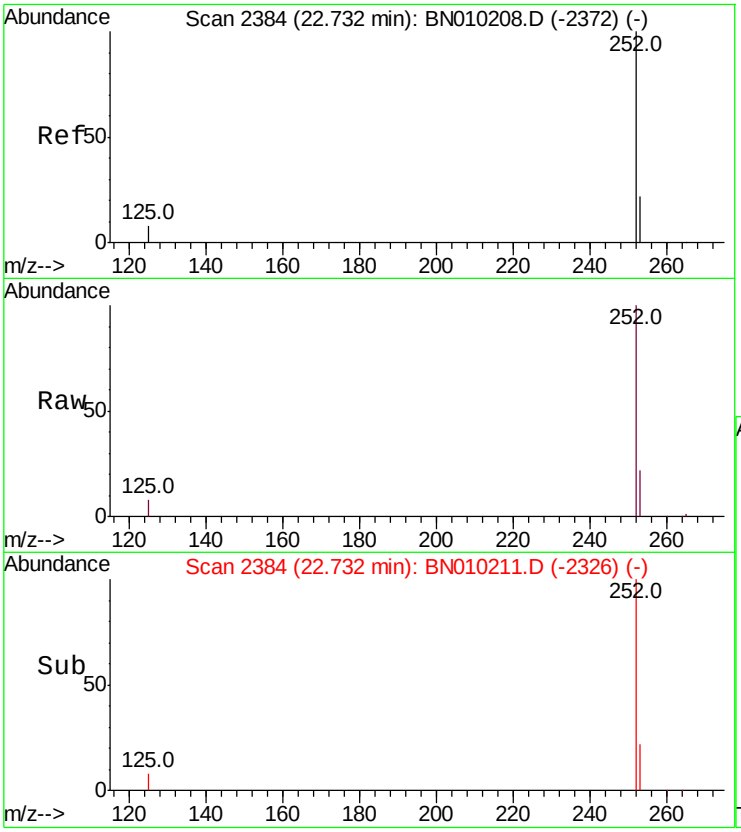


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:264 Resp: 19528

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	32.6	25.8	38.6



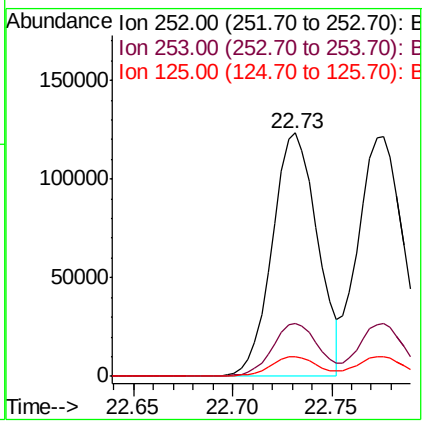


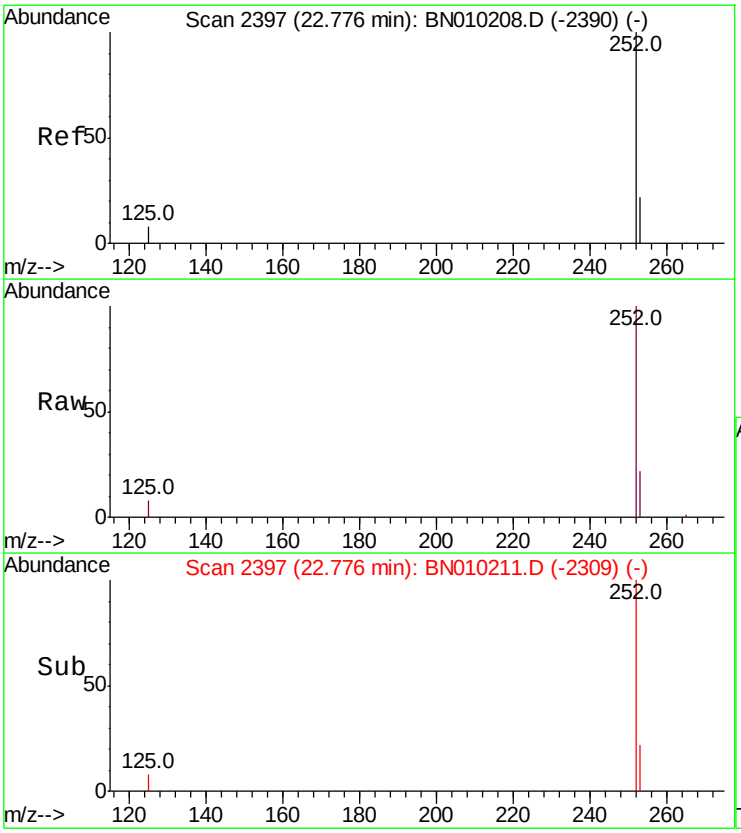
#35
Benzo(b)fluoranthene
Concen: 2.727 ng
RT: 22.73 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 194672

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	28.0
125	8.1	7.9	11.9

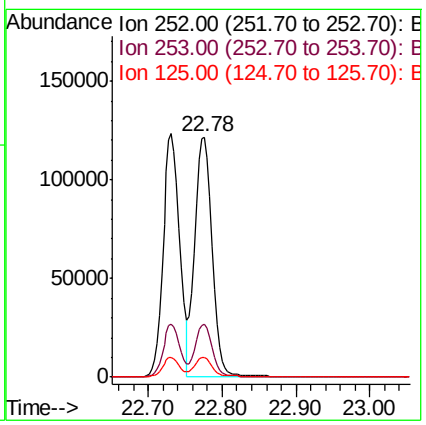


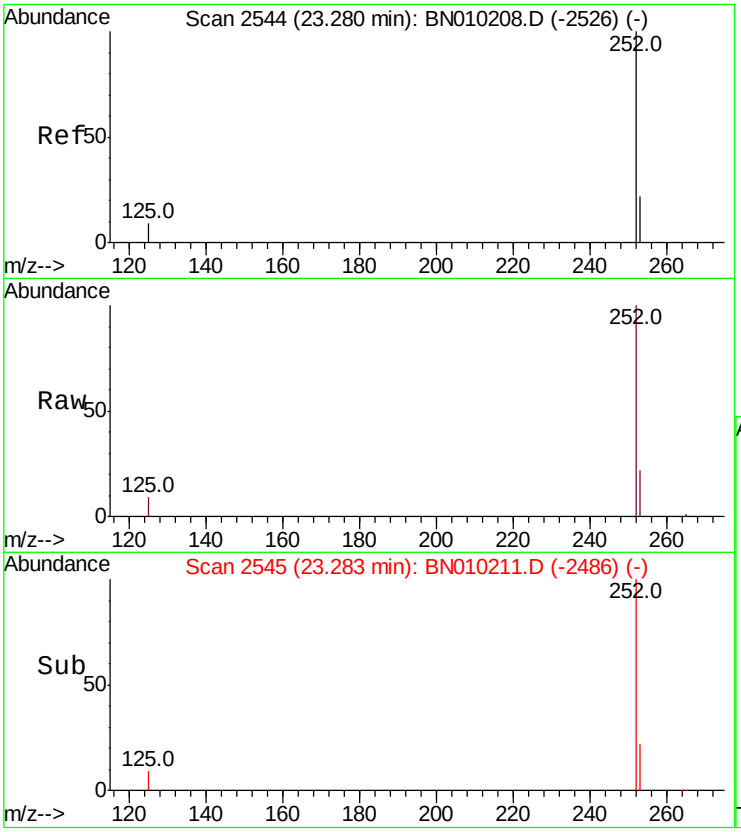


#36
Benzo(k)fluoranthene
Concen: 2.527 ng
RT: 22.78 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:252 Resp: 196452

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.8	28.2
125	8.1	8.2	12.4#



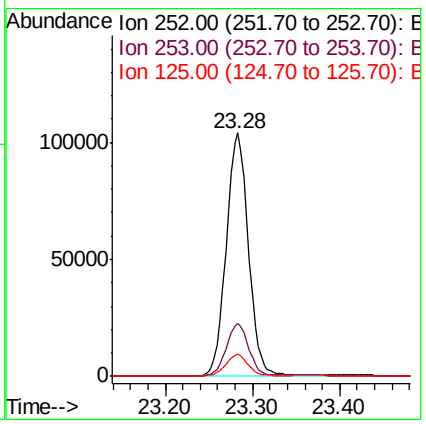


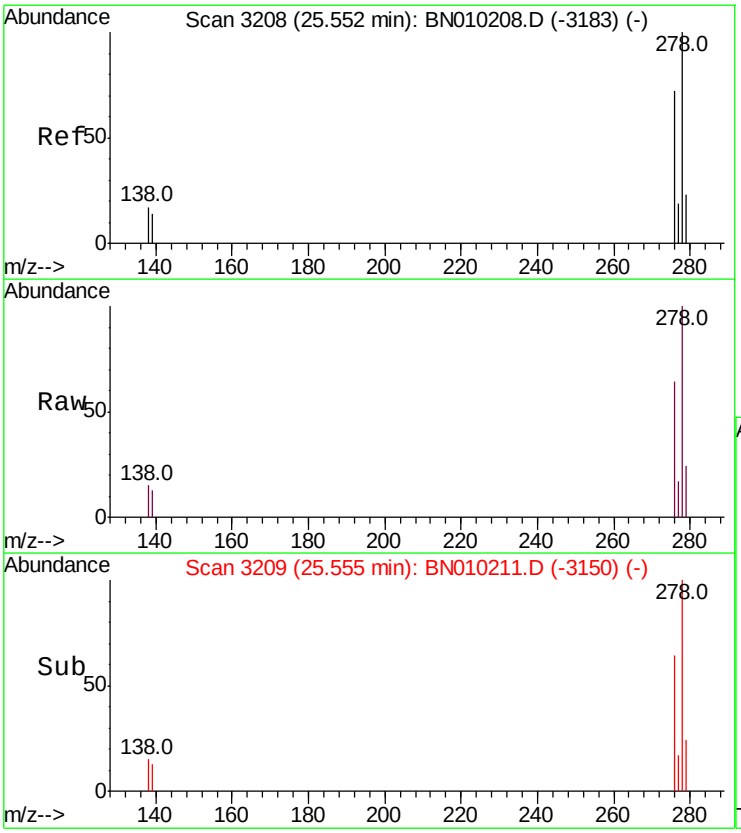
#37
Benzo(a)pyrene
Concen: 2.815 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 183396

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.1	28.7
125	9.0	9.2	13.8#

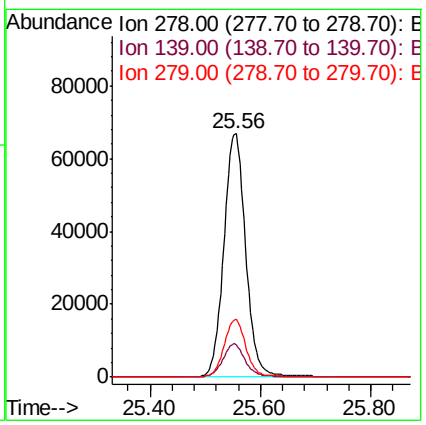


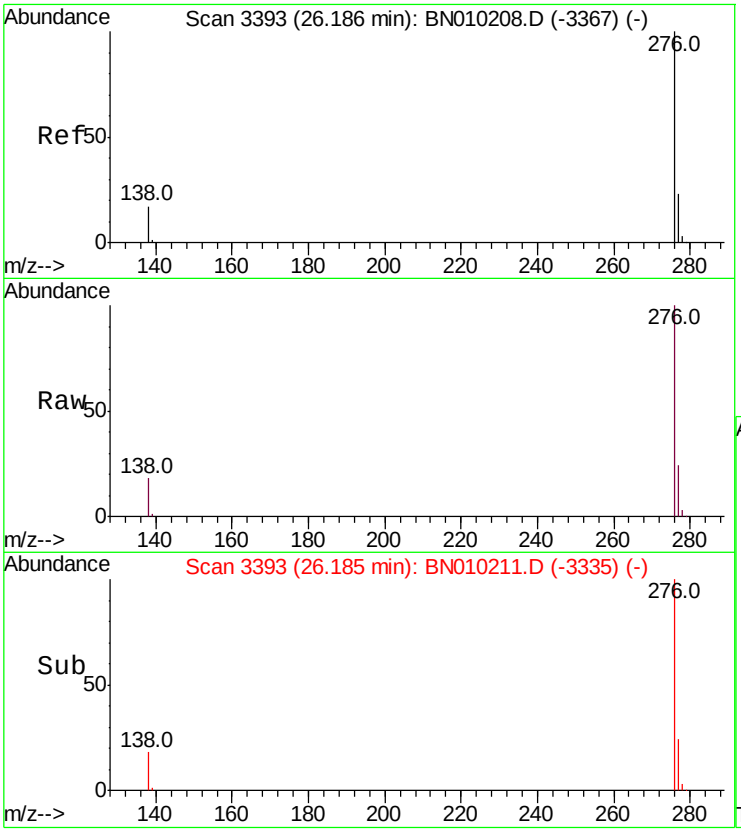


#38
Dibenzo(a,h)anthracene
Concen: 2.856 ng
RT: 25.56 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:278 Resp: 183183

Ion	Ratio	Lower	Upper
278	100		
139	13.2	12.4	18.6
279	23.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 2.667 ng
RT: 26.19 min Scan# 3393
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 182202

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	17.8	15.4	23.2