Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
Data File : BN010901.D
Acq On : 16 Jun 2020 10:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 16 11:41:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2911	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	10197	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	5623	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	11359	0.40	ng		0.00
27) Chrysene-d12	21.13	240	10913	0.40	ng		0.00
34) Perylene-d12	23.28	264	11733	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2690	0.48	ng		0.00
5) Phenol-d6	6.74	99	3206	0.48	ng		0.00
8) Nitrobenzene-d5	8.68	82	3105	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	6656	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	790	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	9329	0.42	ng		0.00
25) Fluoranthene-d10	18.95	212	13361	0.43	ng		0.00
29) Terphenyl-d14	19.57	244	10587	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1168	0.410	ng		97
3) n-Nitrosodimethylamine	3.56	42	612	0.369	ng		96
6) bis(2-Chloroethyl)ether	6.99	93	3115	0.483	ng		93
9) Naphthalene	10.34	128	10814	0.422	ng		99
10) Hexachlorobutadiene	10.63	225	2506	0.396	ng	#	99
12) 2-Methylnaphthalene	11.97	142	7203	0.420	ng		99
16) Acenaphthylene	13.88	152	9586	0.416	ng		99
17) Acenaphthene	14.22	154	6554	0.417	ng		99
18) Fluorene	15.22	166	8496	0.419	ng		99
20) 4-Bromophenyl-phenylether	16.12	248	2737	0.401	ng		99
21) Hexachlorobenzene	16.23	284	2971	0.417	ng		98
22) Pentachlorophenol	16.58	266	964	0.403	ng		97
23) Phenanthrene	16.95	178	13229	0.426	ng		99
24) Anthracene	17.05	178	10865	0.419	ng		100
26) Fluoranthene	18.99	202	14941	0.424	ng	#	99
28) Pyrene	19.35	202	14991	0.415	ng		99
30) Benzo(a)anthracene	21.11	228	13977	0.436	ng		99
31) Chrysene	21.16	228	15257	0.408	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	5012	0.469	ng		97
33) Indeno(1,2,3-cd)pyrene	25.38	276	18943	0.453	ng	#	95
35) Benzo(b)fluoranthene	22.64	252	15352	0.385	ng		97
36) Benzo(k)fluoranthene	22.68	252	17197	0.405	ng		97
37) Benzo(a)pyrene	23.18	252	13571	0.397	ng		95
38) Dibenzo(a,h)anthracene	25.40	278	15249	0.391	ng		96
39) Benzo(g,h,i)perylene	26.02	276	15779	0.387	ng		98

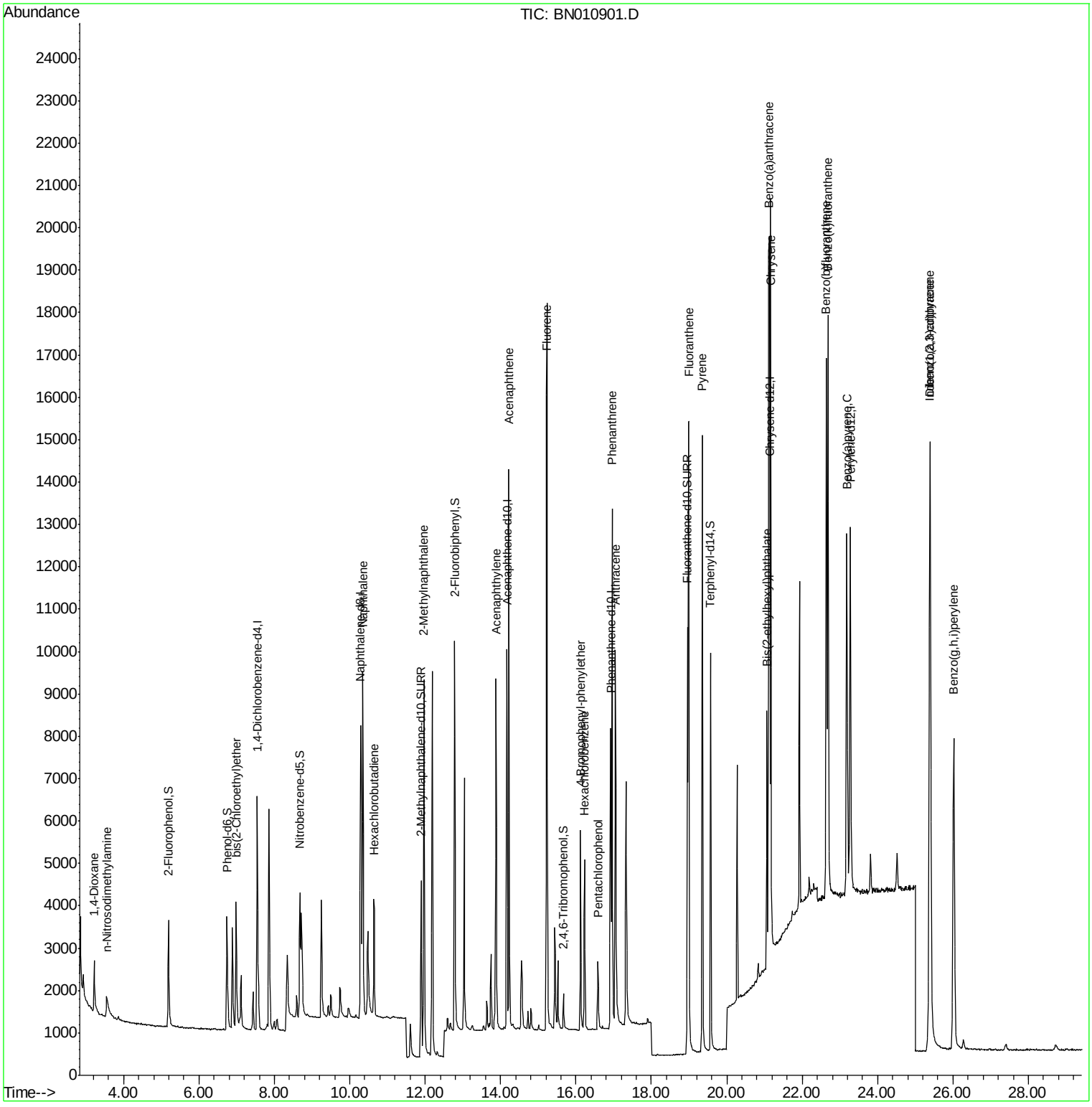
(#) = qualifier out of range (m) = manual integration (+) = signals summed

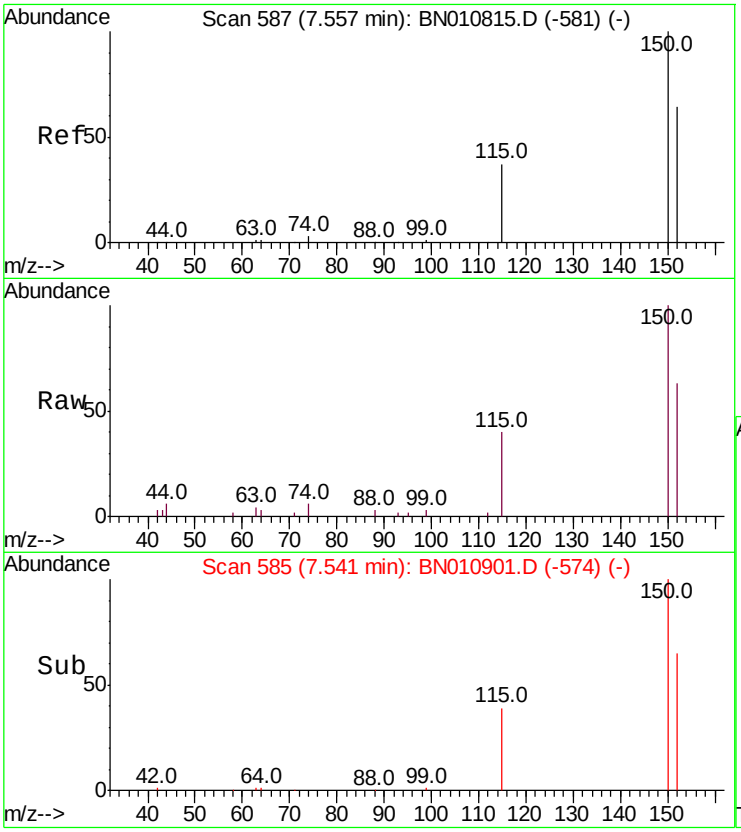
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
Data File : BN010901.D
Acq On : 16 Jun 2020 10:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 16 11:41:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration



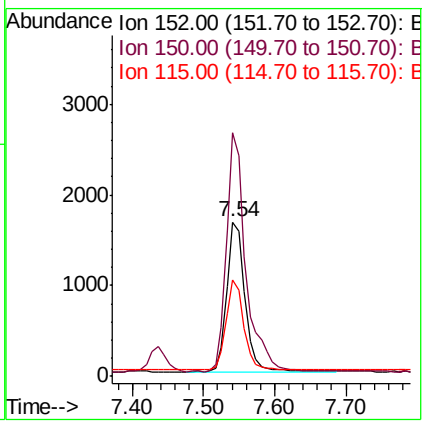


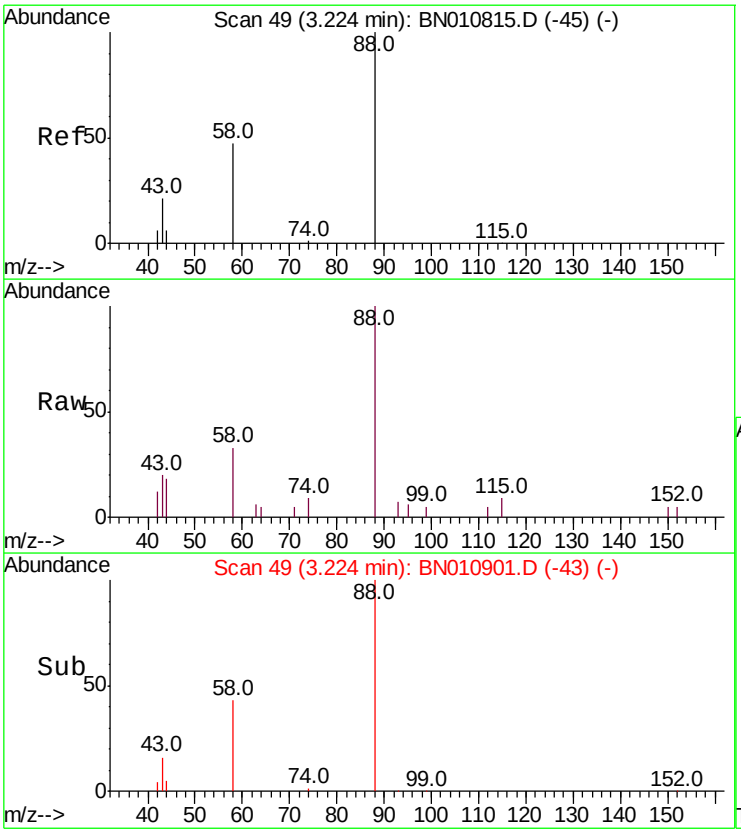
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2911

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	62.9	49.2	73.8

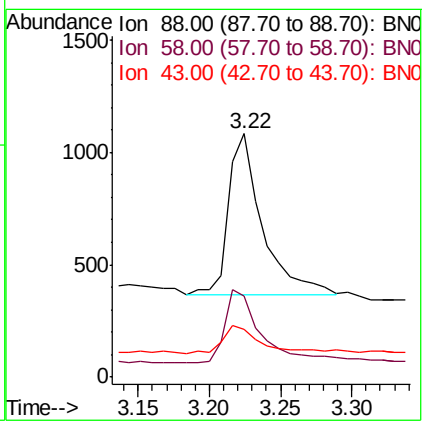


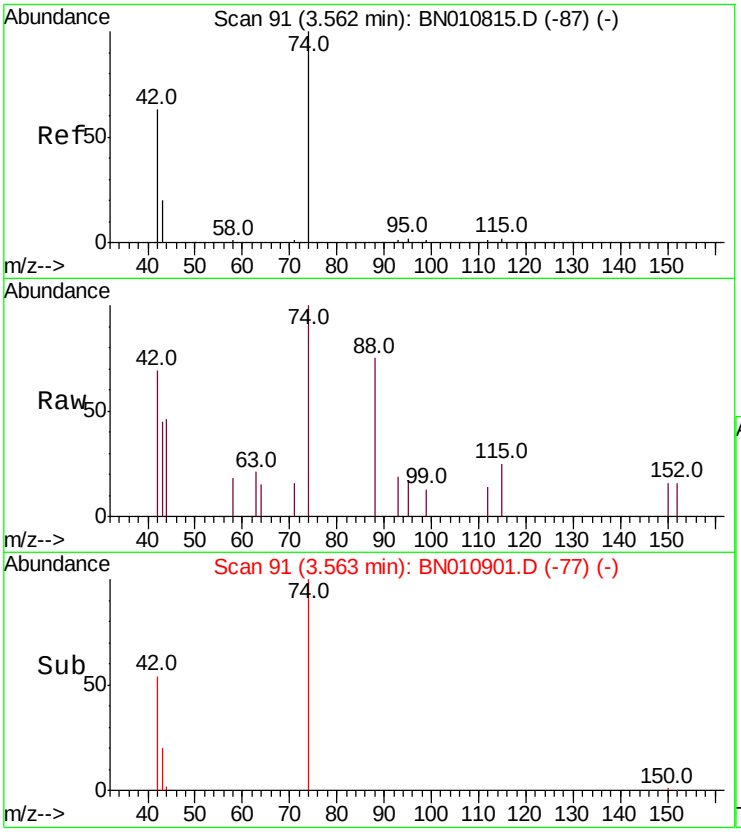


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 88 Resp: 1168

Ion	Ratio	Lower	Upper
88	100		
58	49.7	38.2	57.4
43	19.8	15.1	22.7



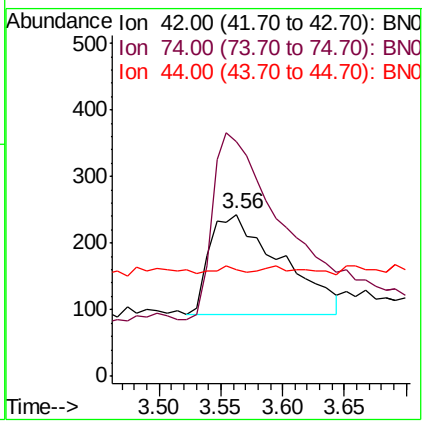


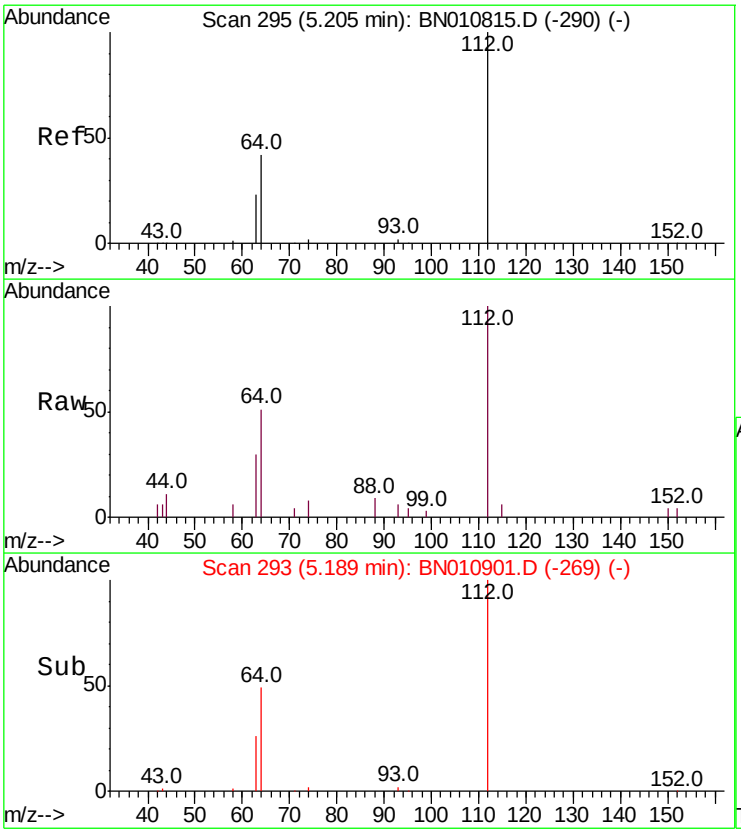
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.02 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 612

Ion	Ratio	Lower	Upper
42	100		
74	180.9	140.7	211.1
44	2.1	1.4	2.2

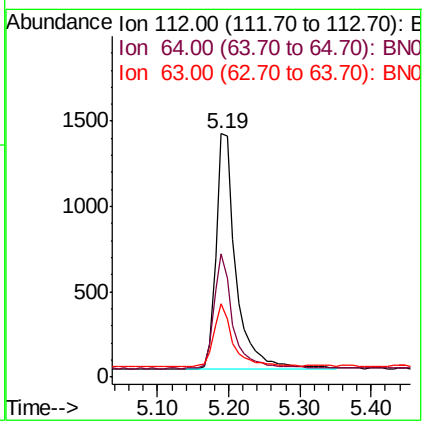


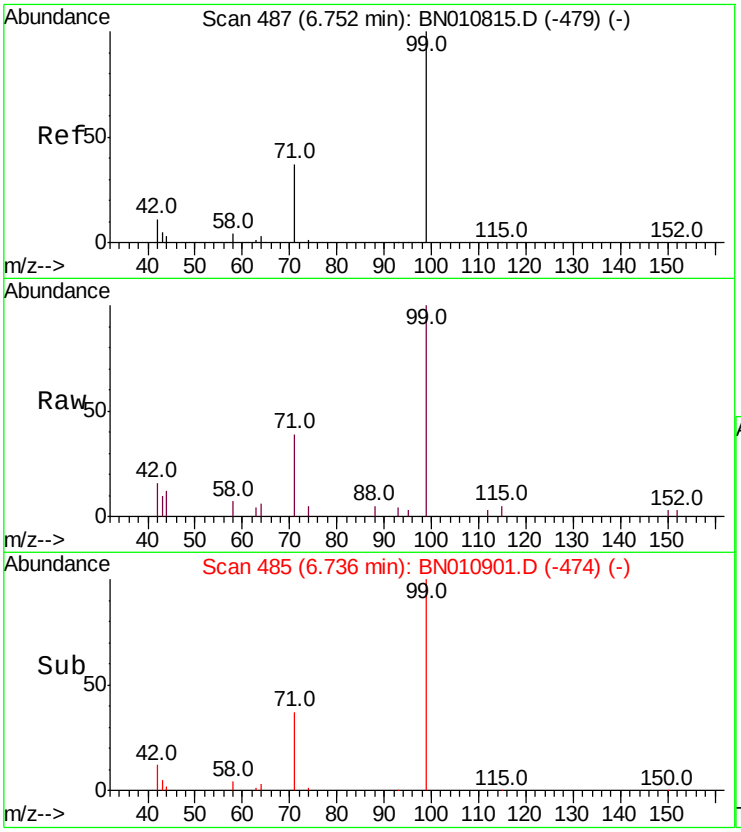


#4
2-Fluorophenol
Concen: 0.479 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:112 Resp: 2690

Ion	Ratio	Lower	Upper
112	100		
64	45.8	37.4	56.0
63	24.8	22.2	33.4



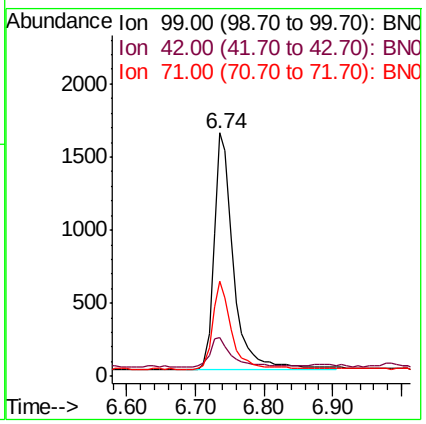


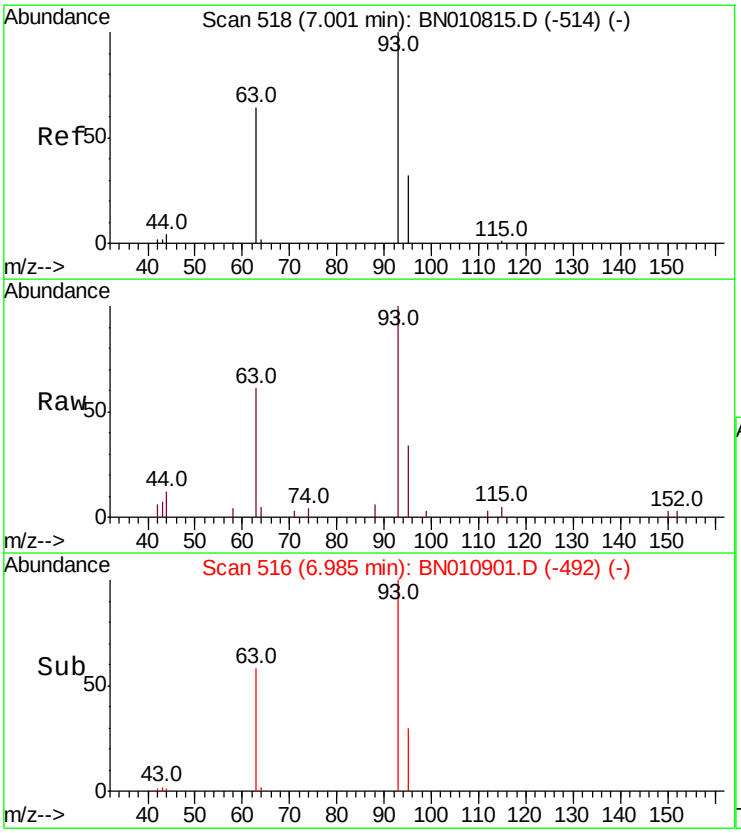
#5
Phenol-d6
Concen: 0.484 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3206

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.1	16.7
71	36.0	31.4	47.2

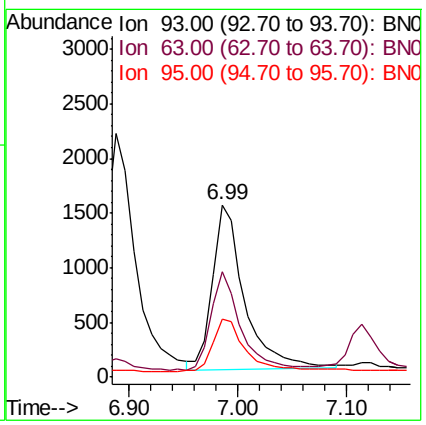


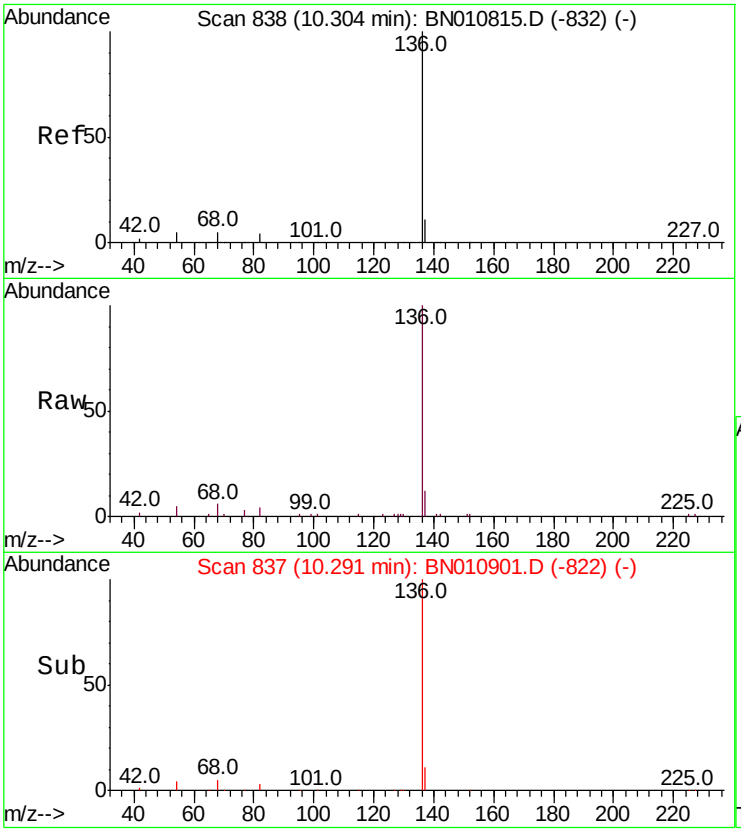


#6
bis(2-Chloroethyl)ether
Concen: 0.483 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 93 Resp: 3115

Ion	Ratio	Lower	Upper
93	100		
63	54.4	49.4	74.2
95	32.1	26.7	40.1



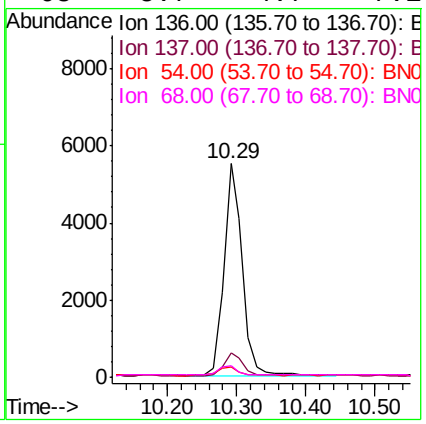


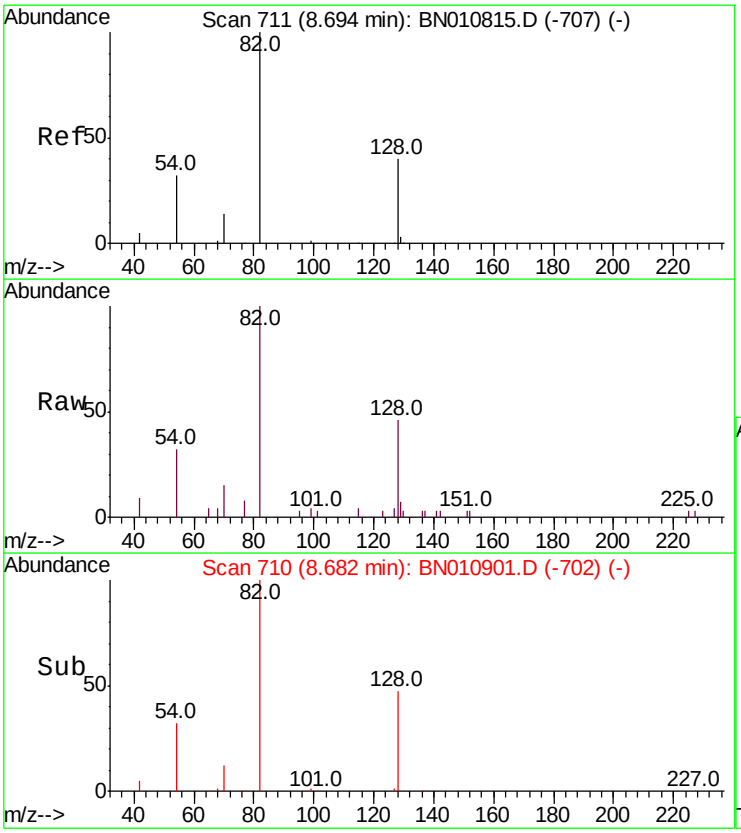
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 10197

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	4.8	4.9	7.3#
68	5.7	4.7	7.1

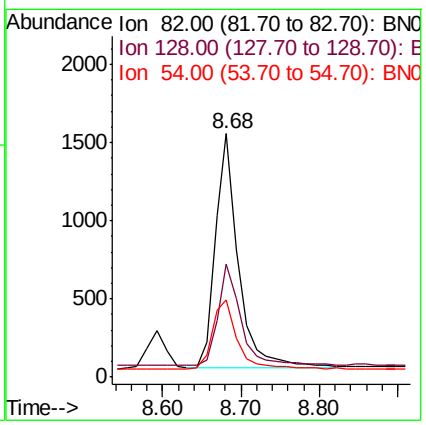


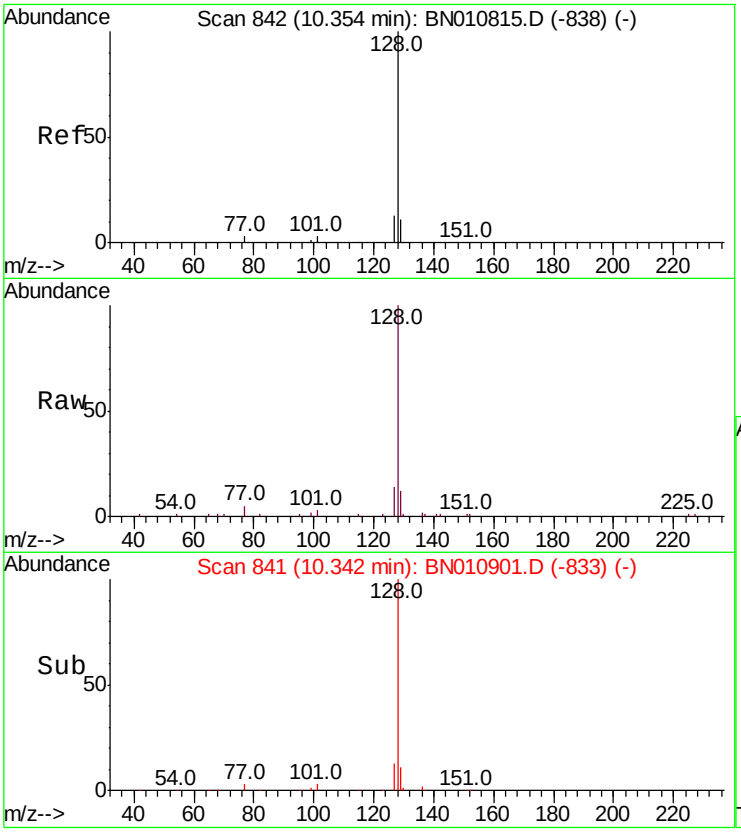


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion: 82 Resp: 3105

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.4	53.0
54	31.7	28.2	42.4



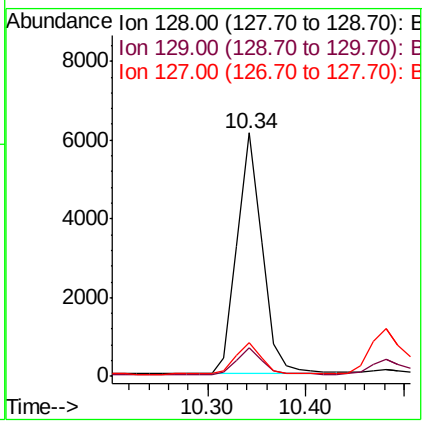


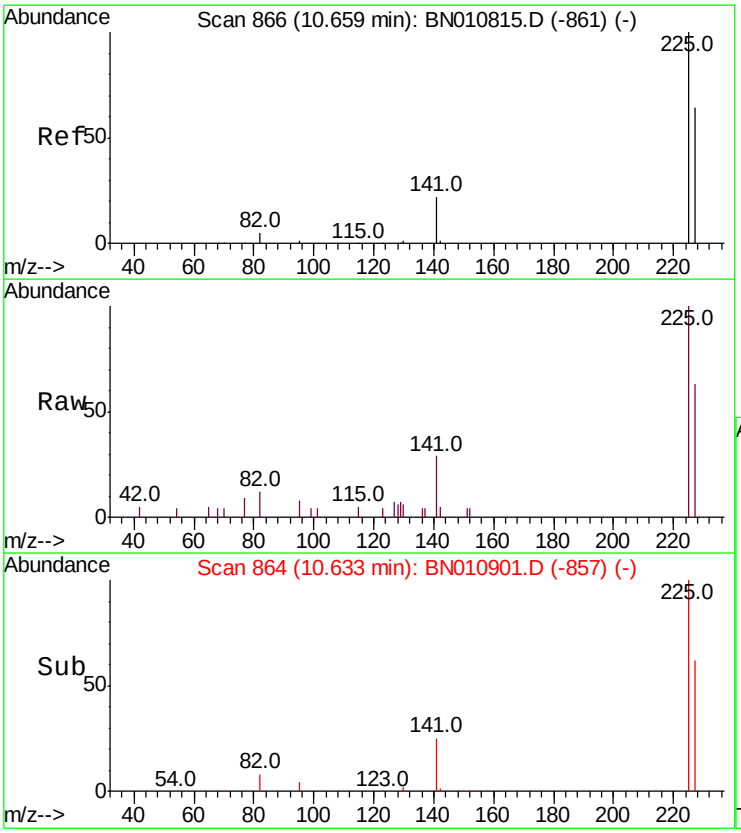
#9
Naphthalene
Concen: 0.422 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 10814

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.0	11.4	17.2

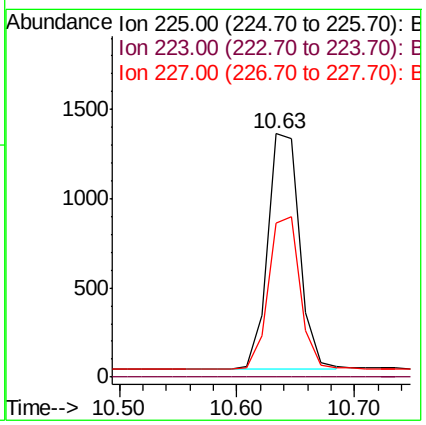


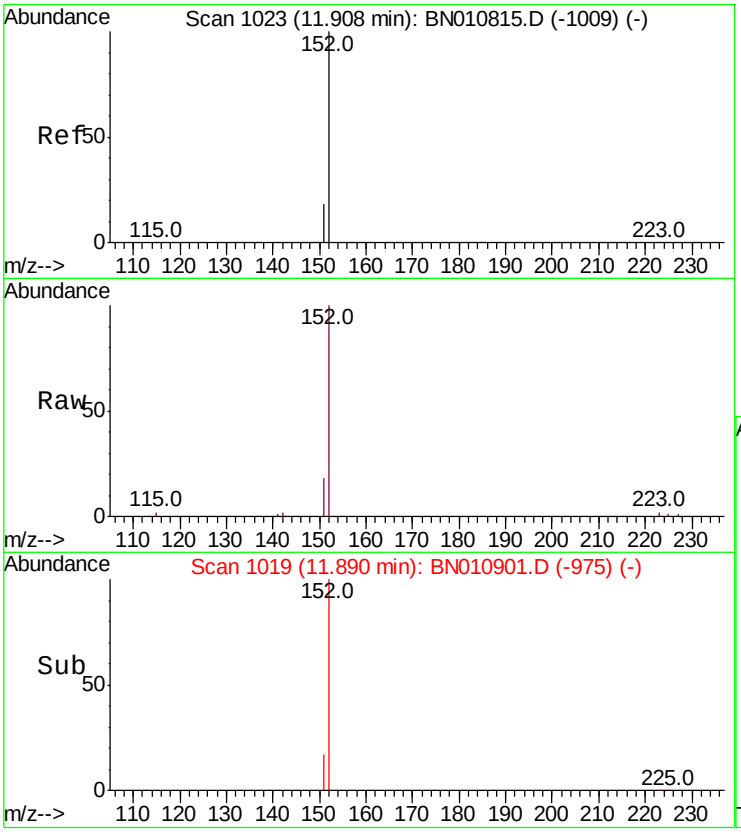


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:225 Resp: 2506

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.5	75.7



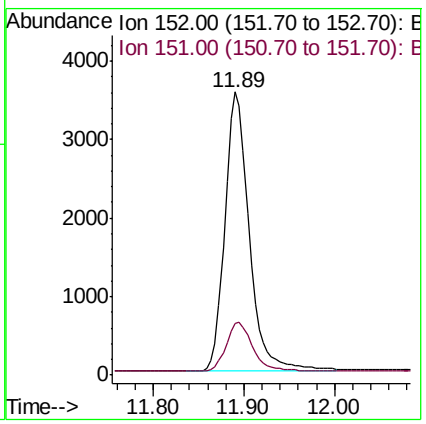


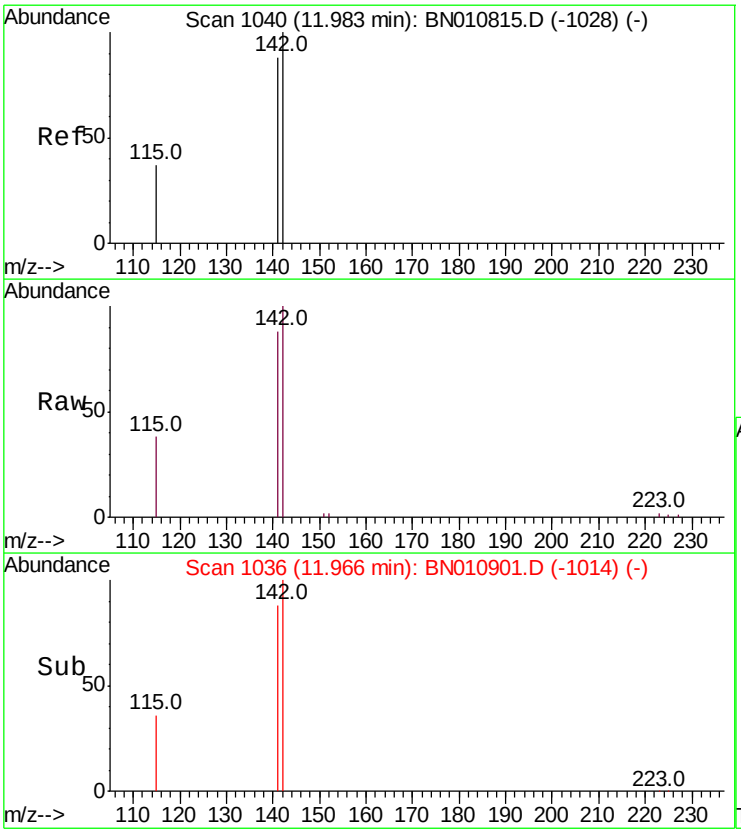
#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6656

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

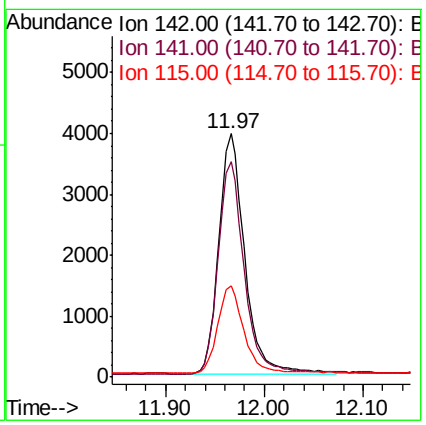


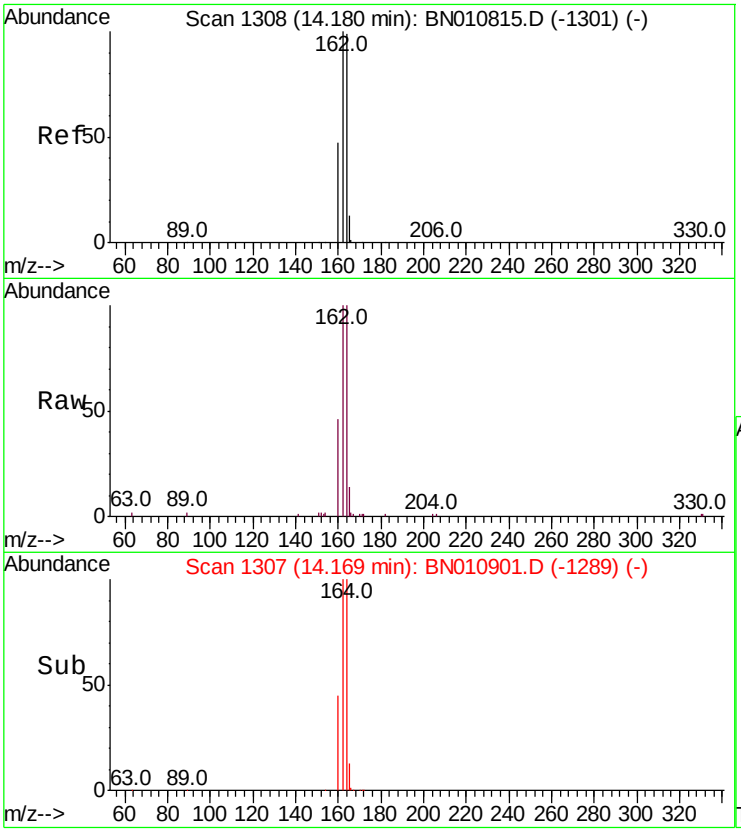


#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:142 Resp: 7203

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	37.5	31.5	47.3



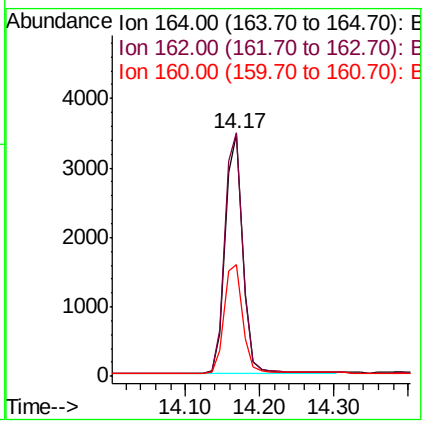


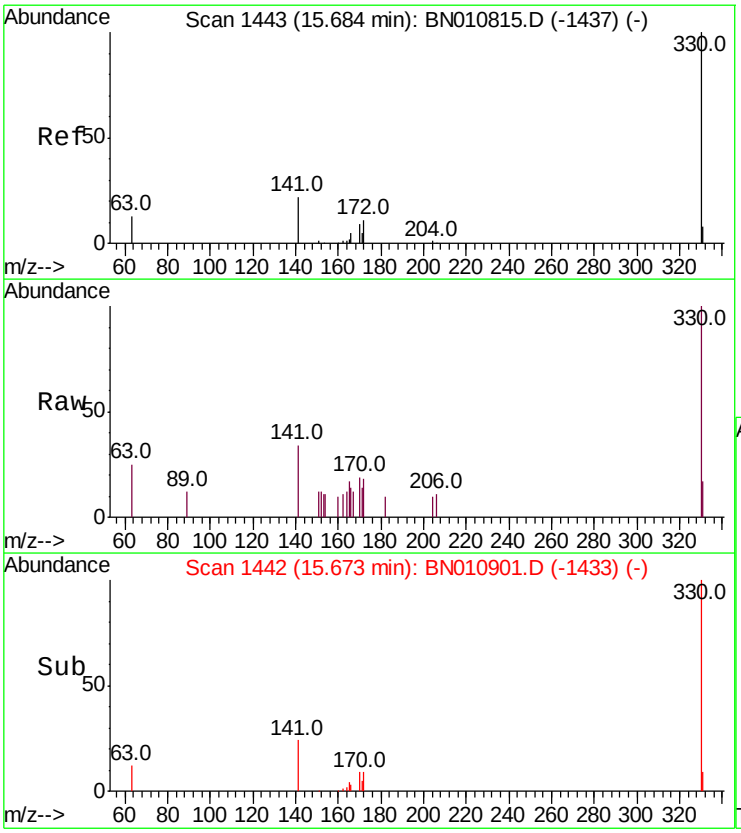
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5623

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	46.2	38.9	58.3

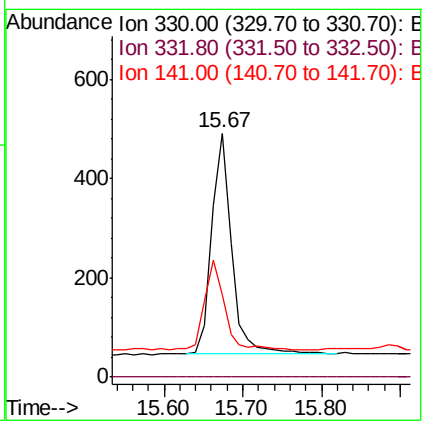


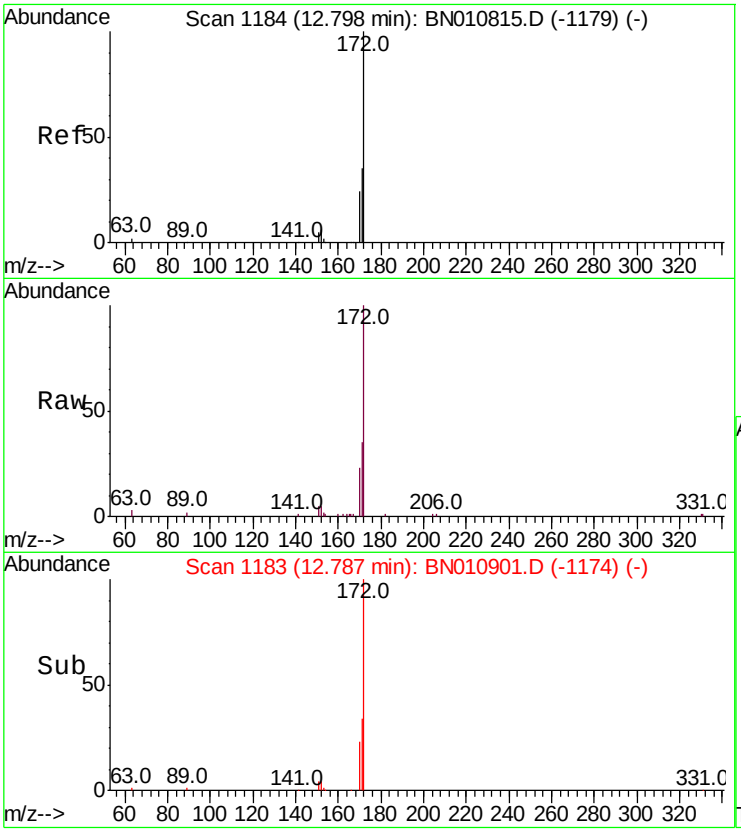


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:330 Resp: 790

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.9	33.2	49.8



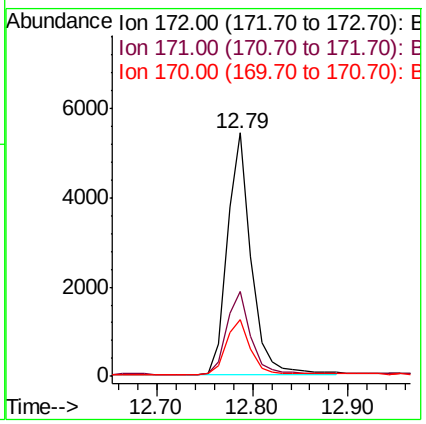


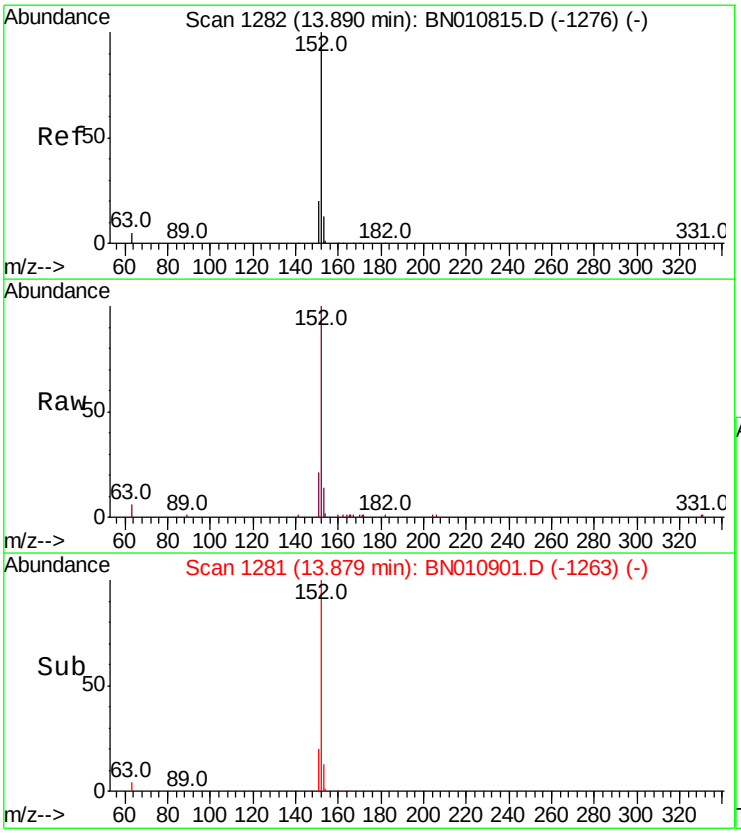
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9329

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.4	19.7	29.5

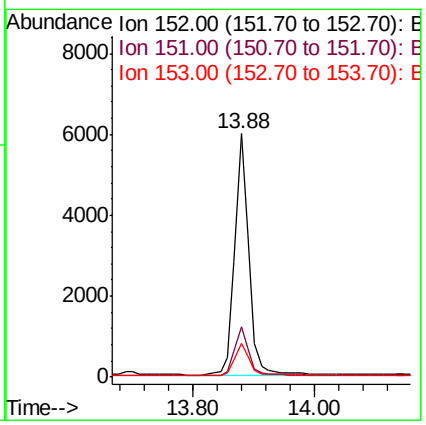


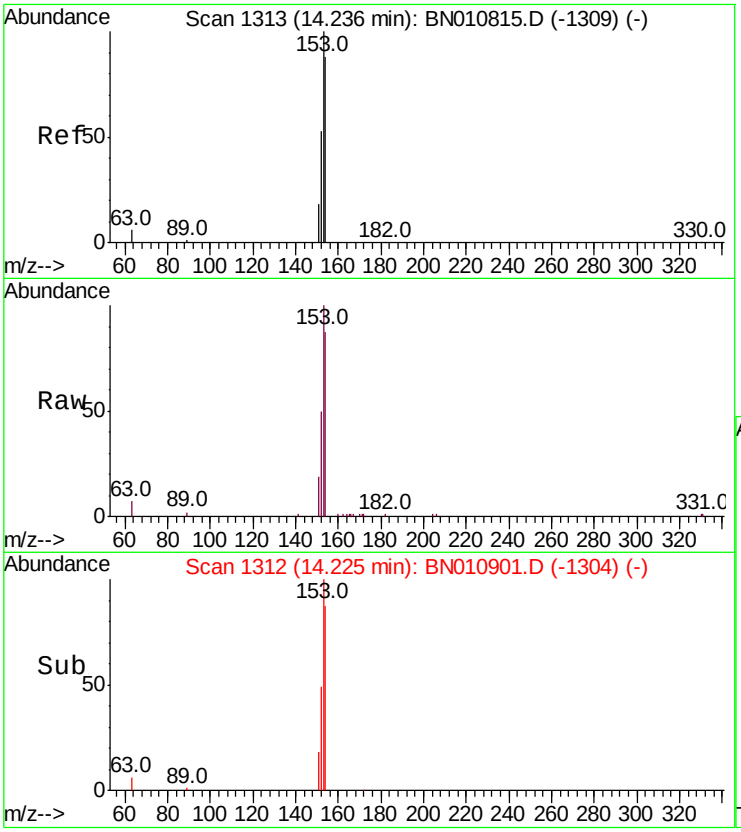


#16
Acenaphthylene
Concen: 0.416 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:152 Resp: 9586

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.0	10.6	16.0



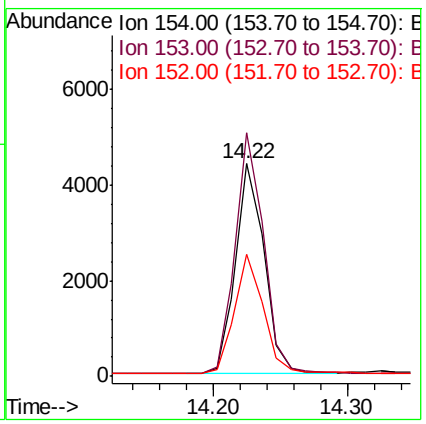


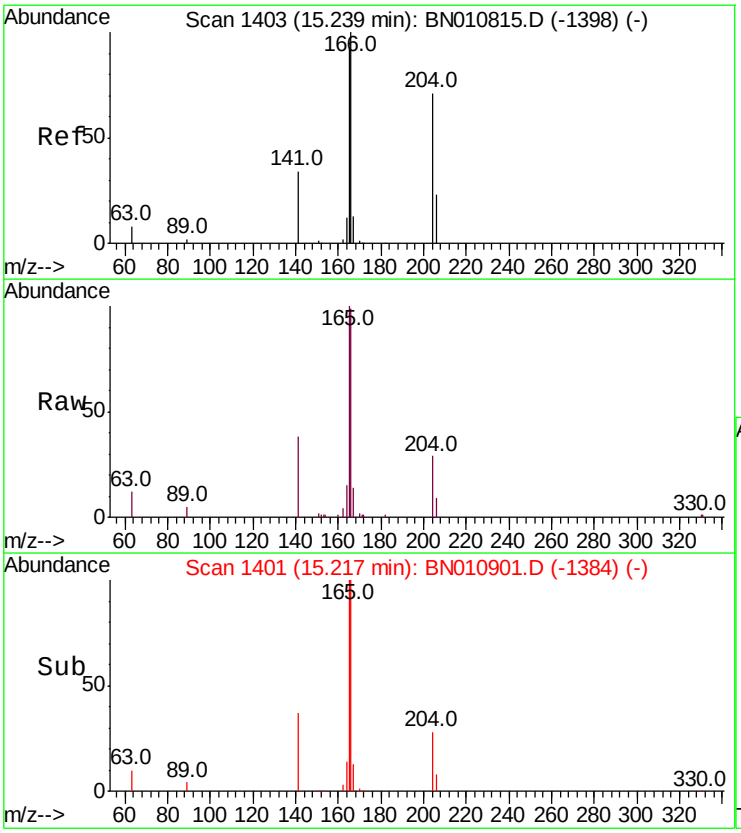
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 6554

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.8	137.6
152	58.0	47.6	71.4

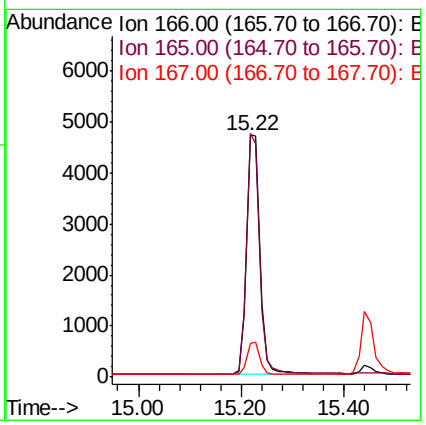


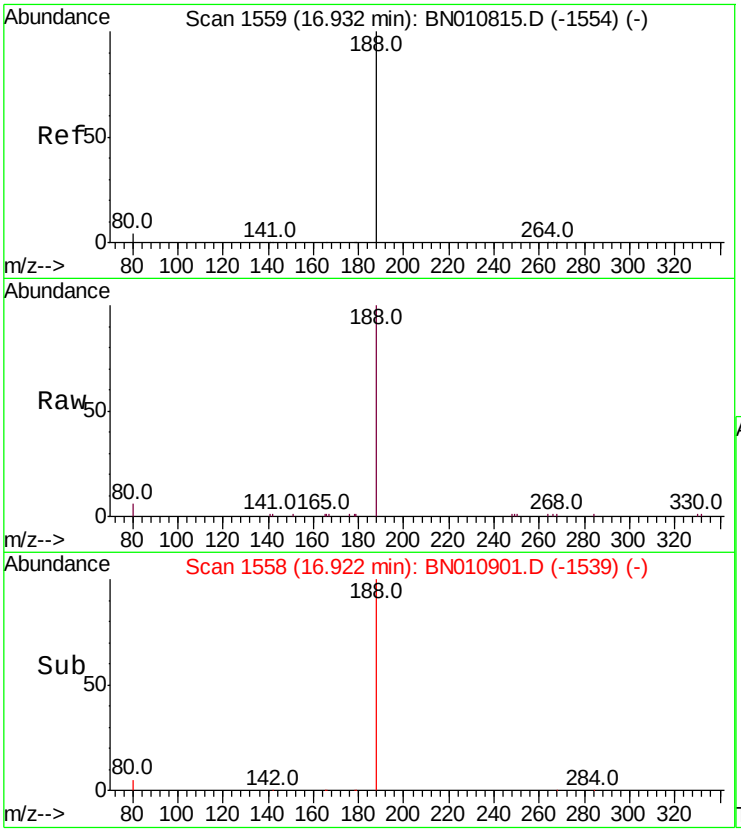


#18
Fluorene
Concen: 0.419 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:166 Resp: 8496

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.2	115.8
167	13.3	10.7	16.1



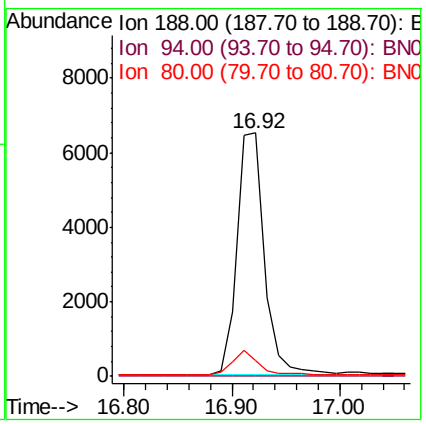


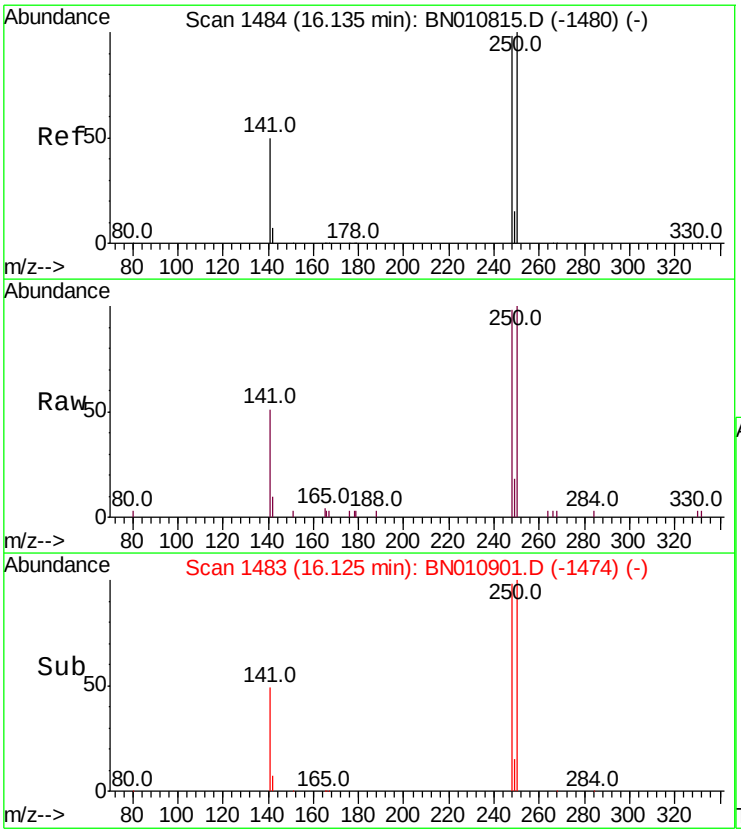
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 11359

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	4.5	6.7

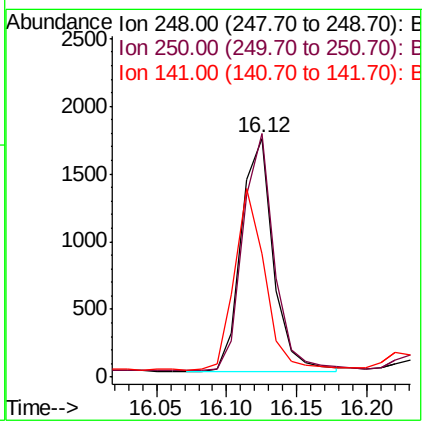


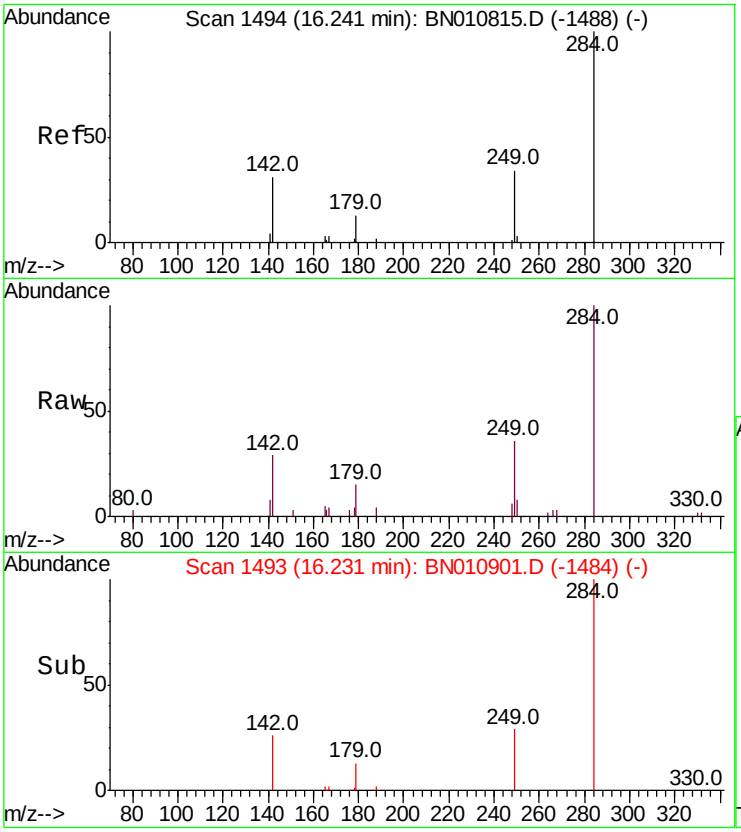


#20
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:248 Resp: 2737

Ion	Ratio	Lower	Upper
248	100		
250	102.0	81.8	122.8
141	51.6	42.6	64.0



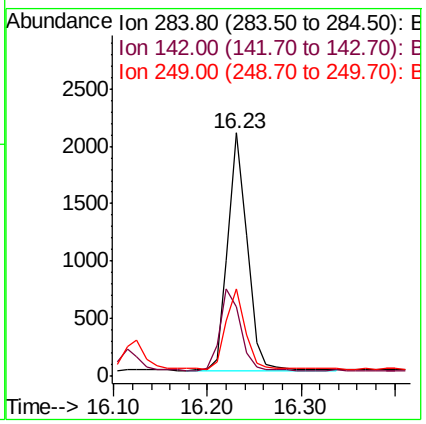


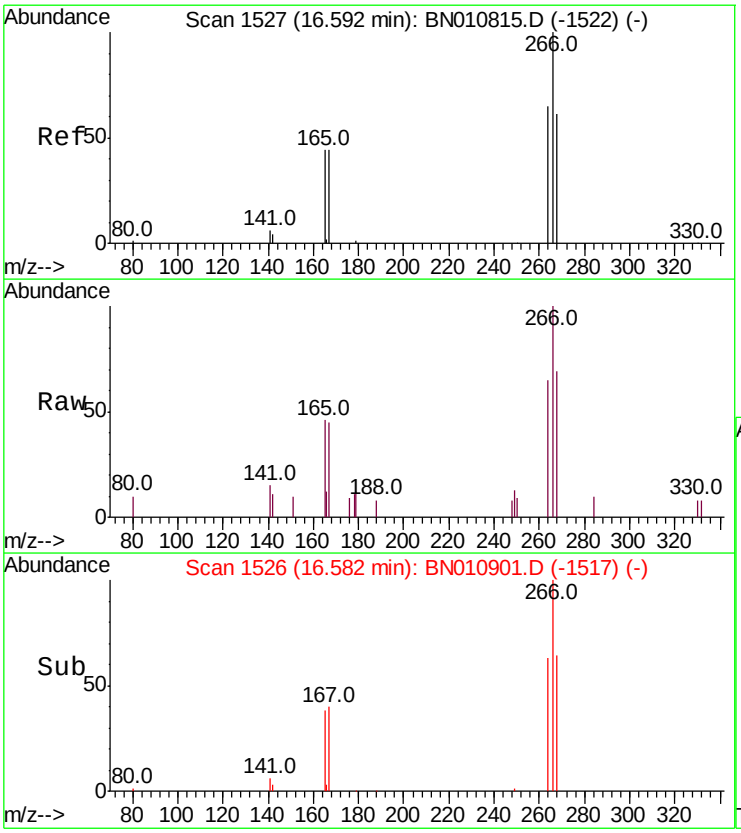
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.23 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2971

Ion	Ratio	Lower	Upper
284	100		
142	36.4	31.0	46.4
249	33.9	27.1	40.7

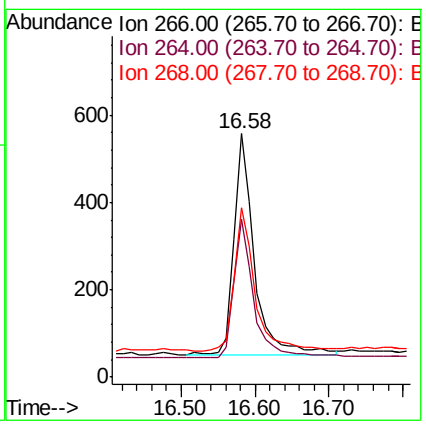


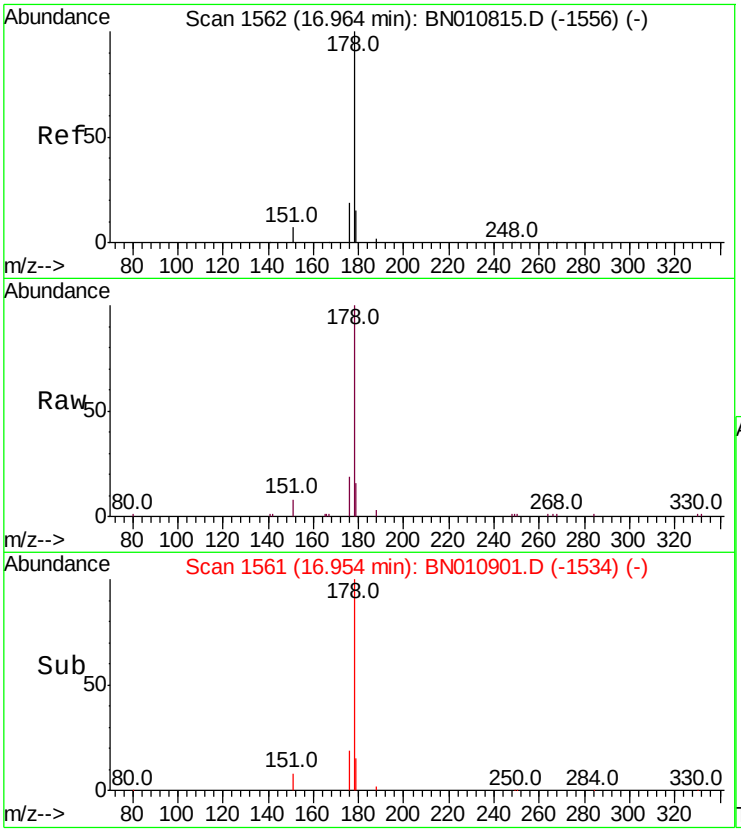


#22
Pentachlorophenol
Concen: 0.403 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:266 Resp: 964

Ion	Ratio	Lower	Upper
266	100		
264	64.9	54.8	82.2
268	69.4	55.9	83.9



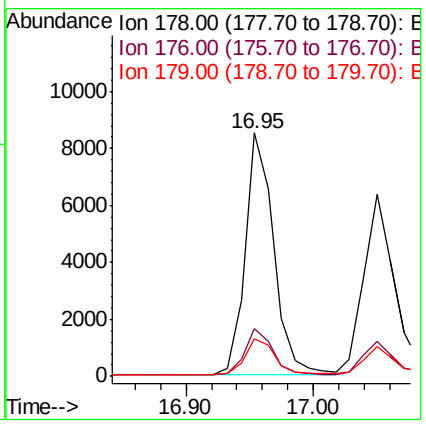


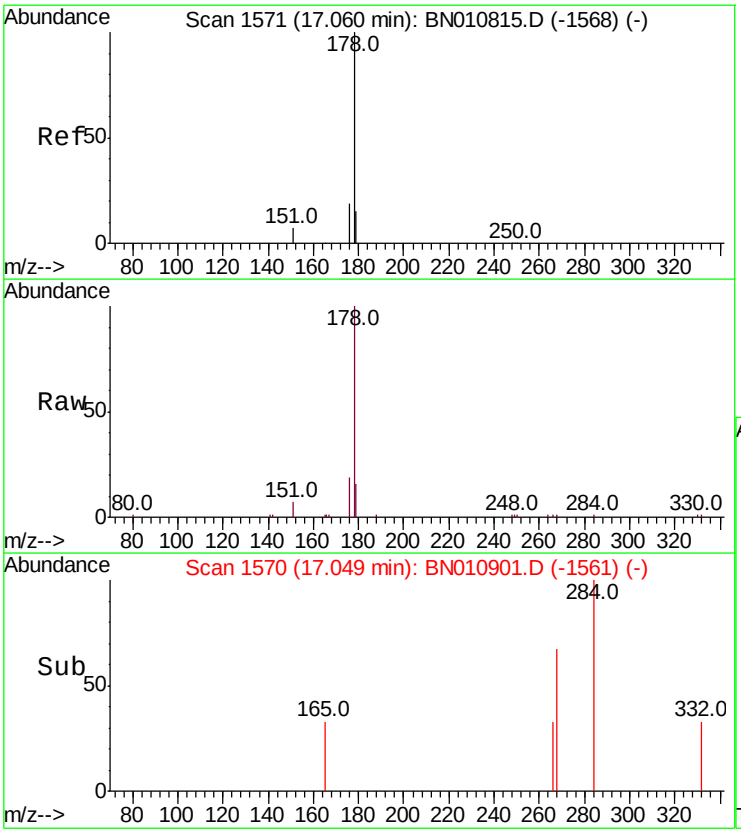
#23
Phenanthrene
Concen: 0.426 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 13229

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	19.0

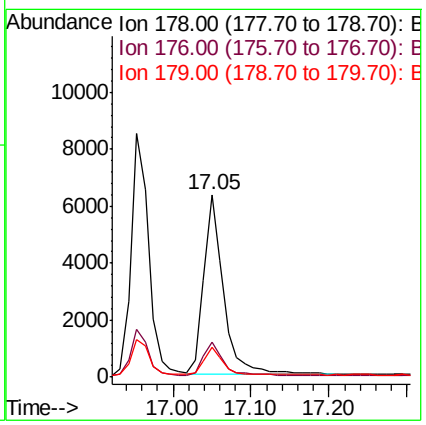


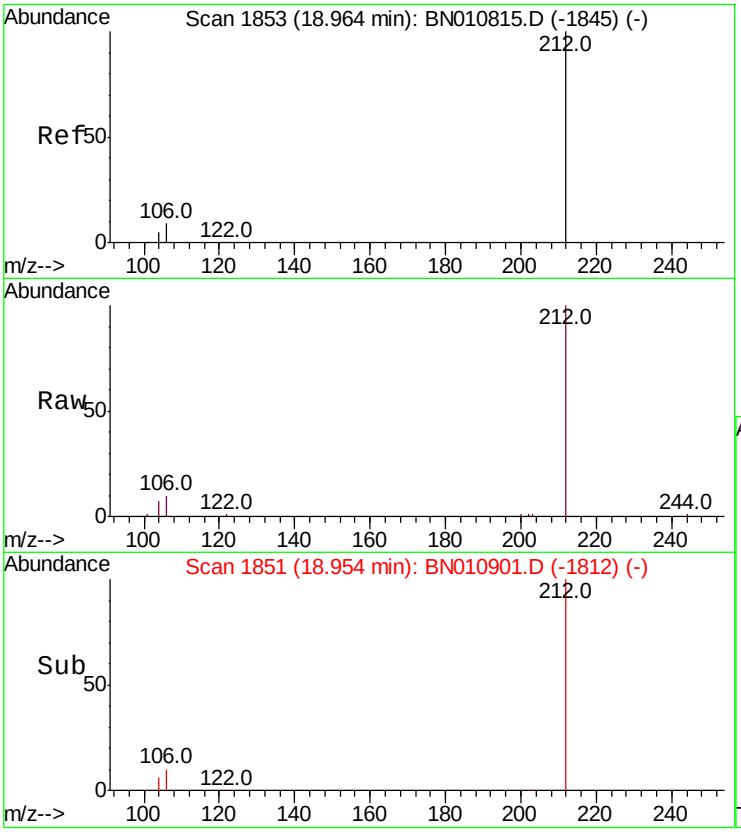


#24
Anthracene
Concen: 0.419 ng
RT: 17.05 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:178 Resp: 10865

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.4	12.3	18.5



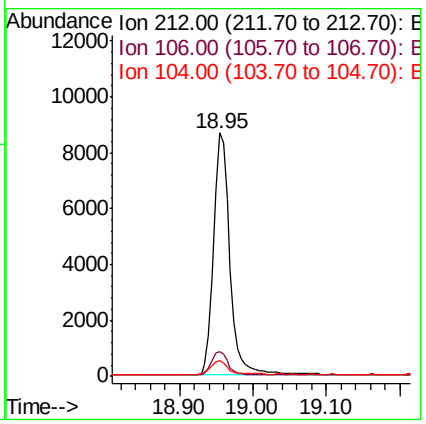


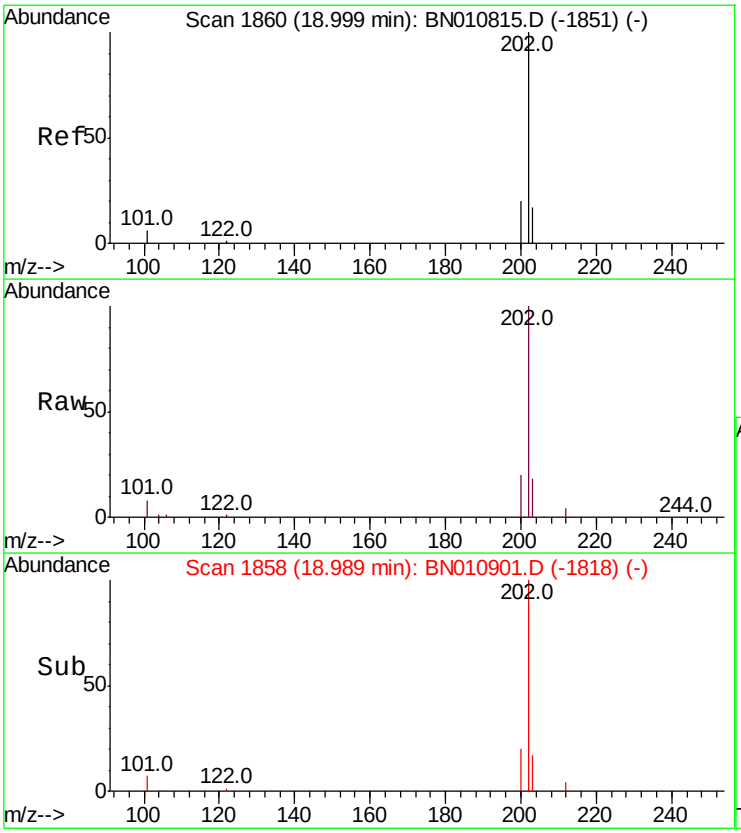
#25
Fluoranthene-d10
Concen: 0.426 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 13361

Ion	Ratio	Lower	Upper
212	100		
106	9.9	6.6	10.0
104	5.6	4.0	6.0

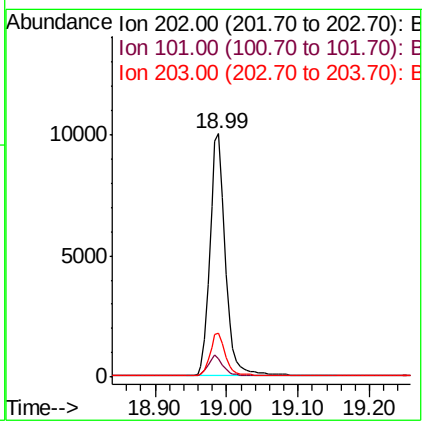


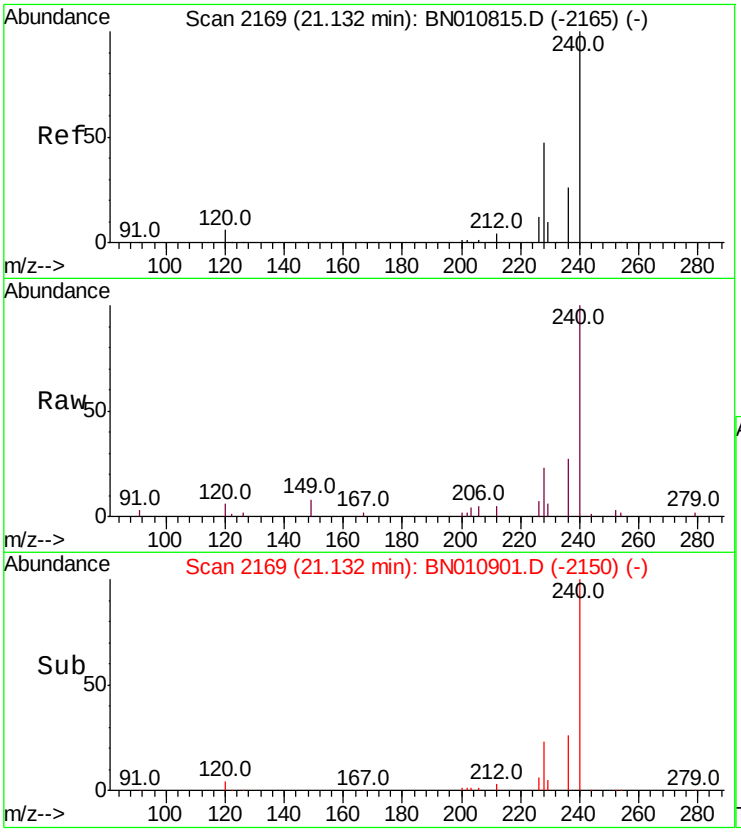


#26
Fluoranthene
Concen: 0.424 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:202 Resp: 14941

Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.8	8.6#
203	17.1	13.7	20.5



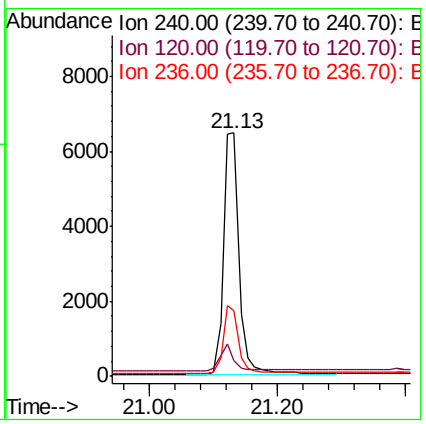


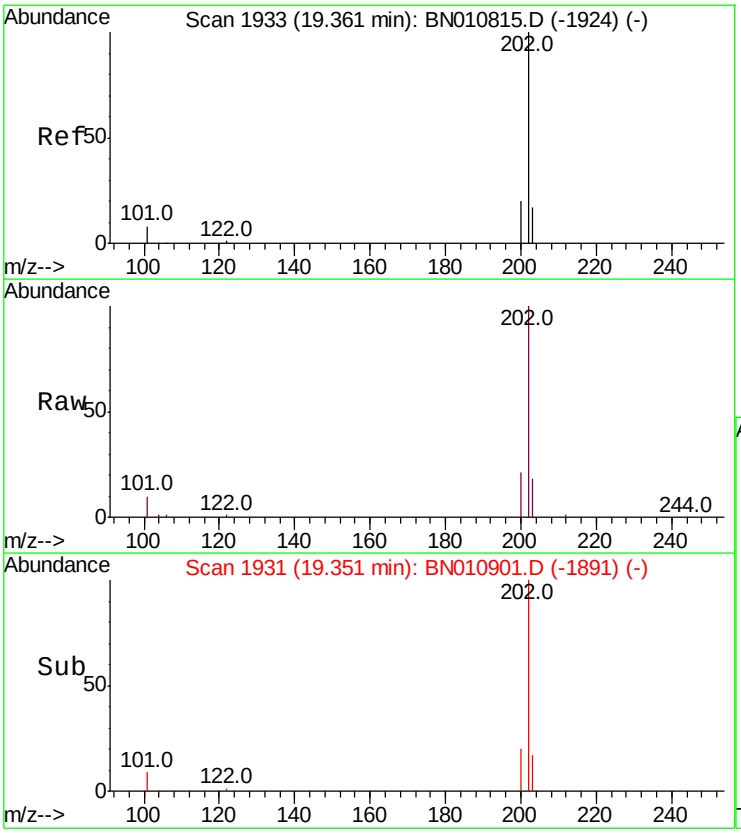
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10913

Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.5	11.3#
236	26.8	22.3	33.5

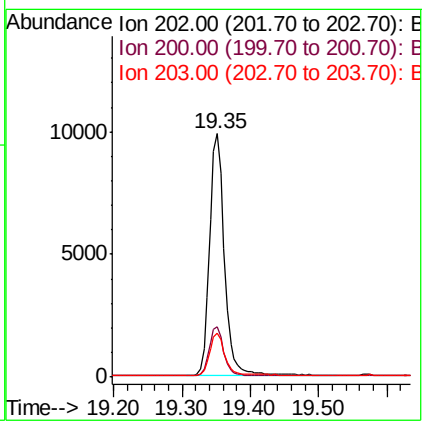


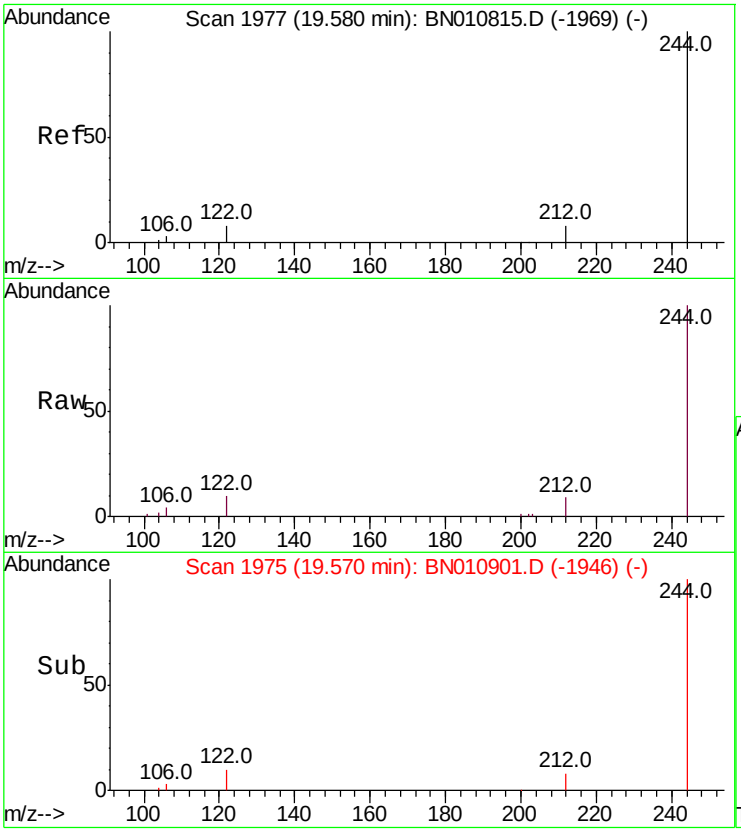


#28
Pyrene
Concen: 0.415 ng
RT: 19.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:202 Resp: 14991

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.4	24.6
203	17.3	14.2	21.4



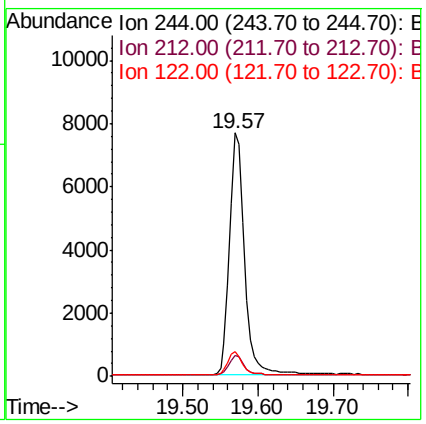


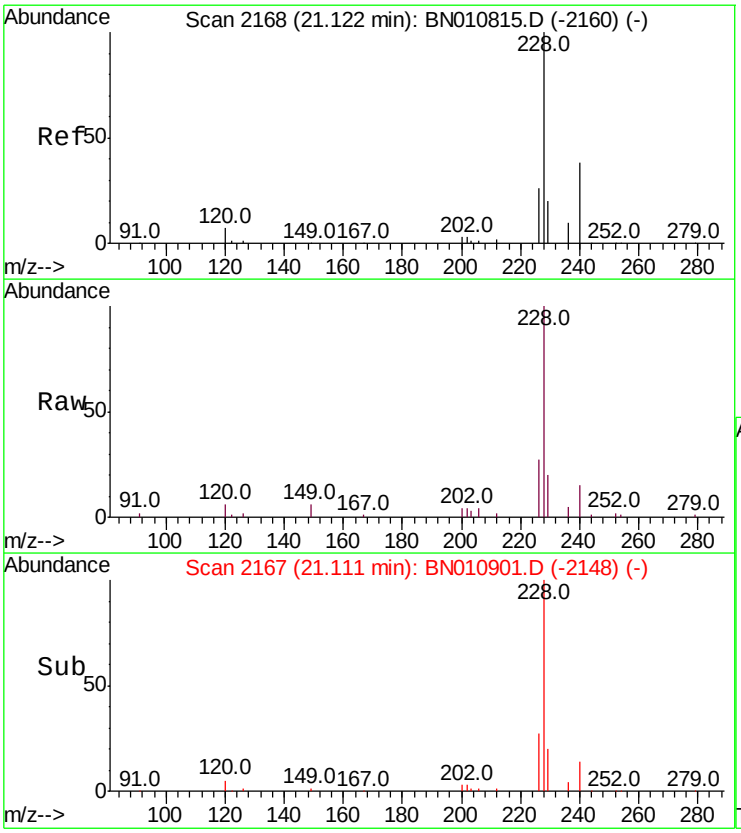
#29
Terphenyl-d14
Concen: 0.414 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10587

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	10.3	7.5	11.3

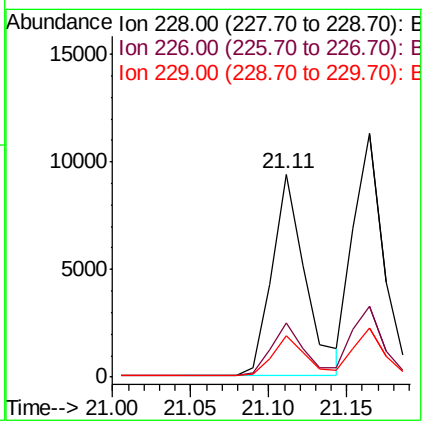


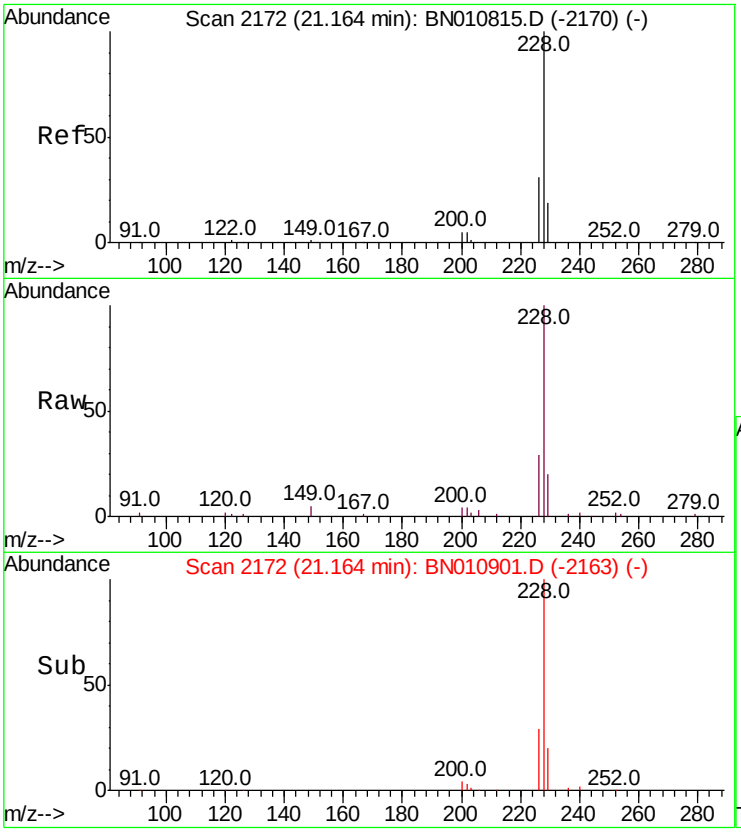


#30
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:228 Resp: 13977

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	20.2	16.6	24.8



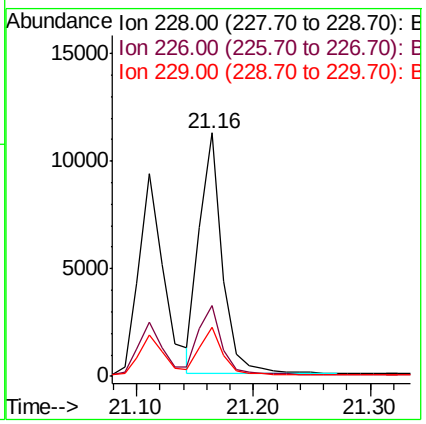


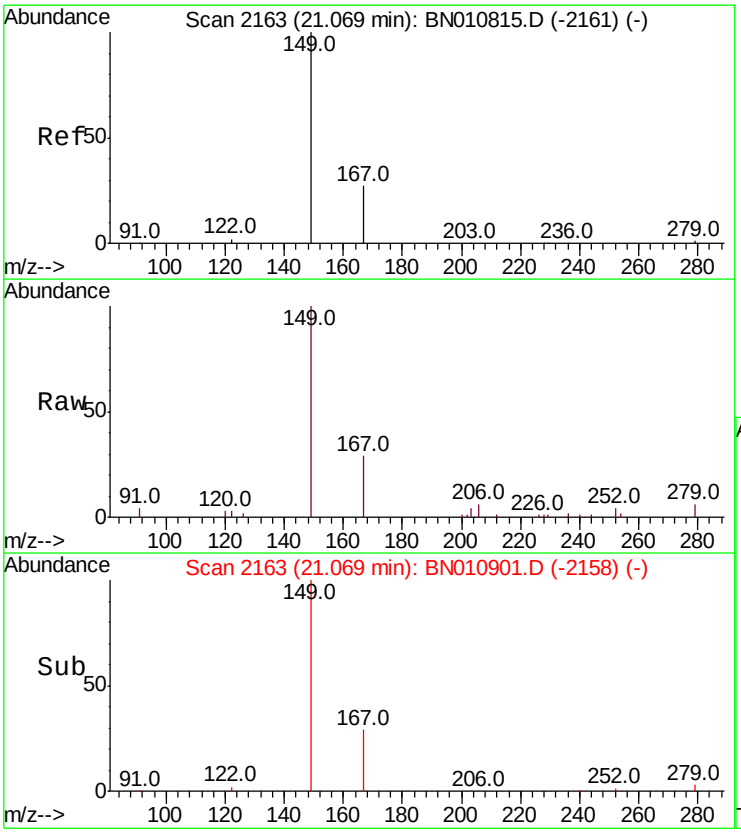
#31
Chrysene
Concen: 0.408 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 15257

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	20.2	16.1	24.1

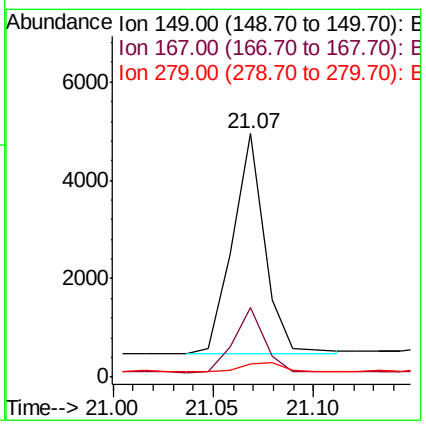


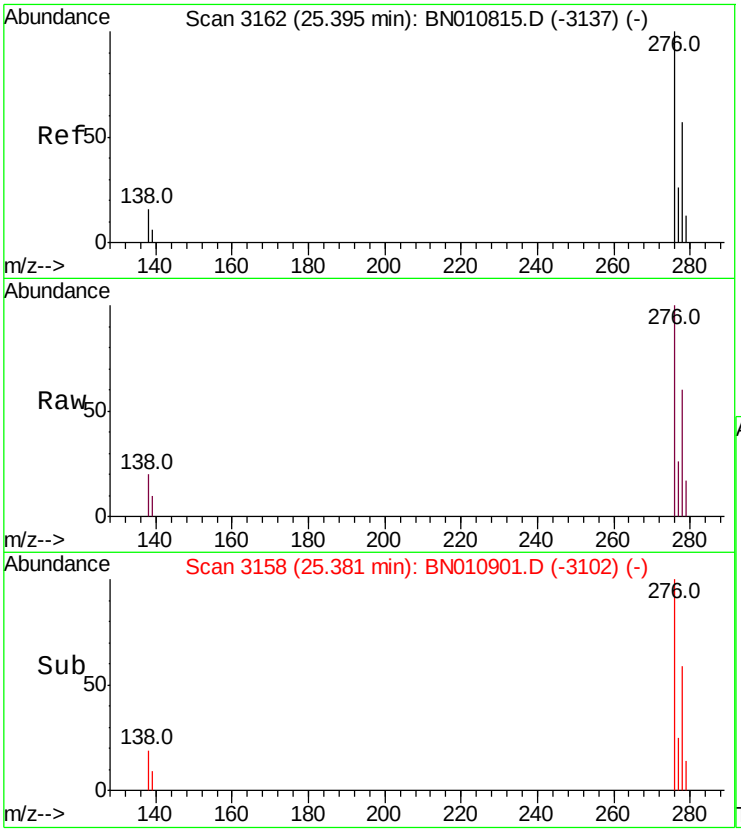


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:149 Resp: 5012

Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.1	36.1
279	4.7	4.6	7.0



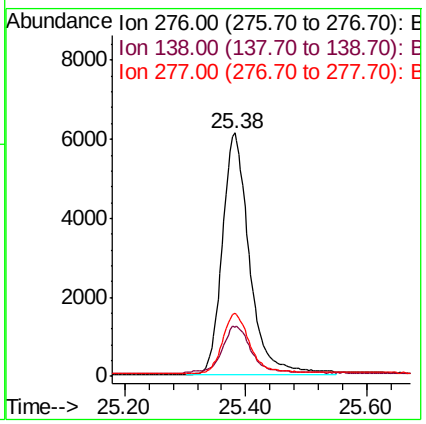


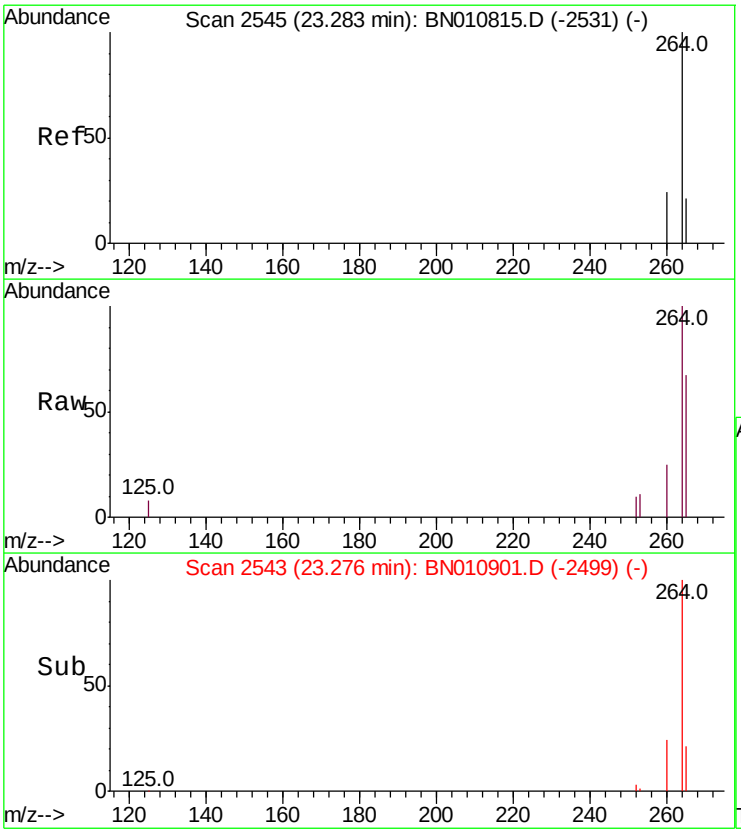
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng
RT: 25.38 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 18943

Ion	Ratio	Lower	Upper
276	100		
138	21.2	13.0	19.6#
277	24.7	19.7	29.5

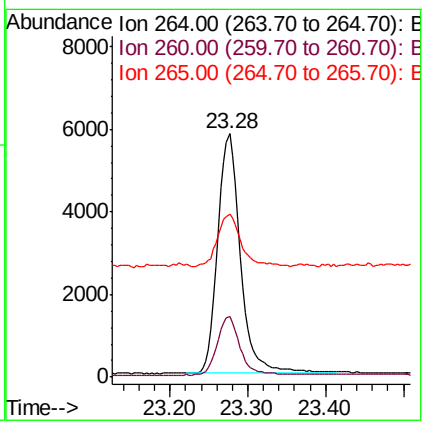


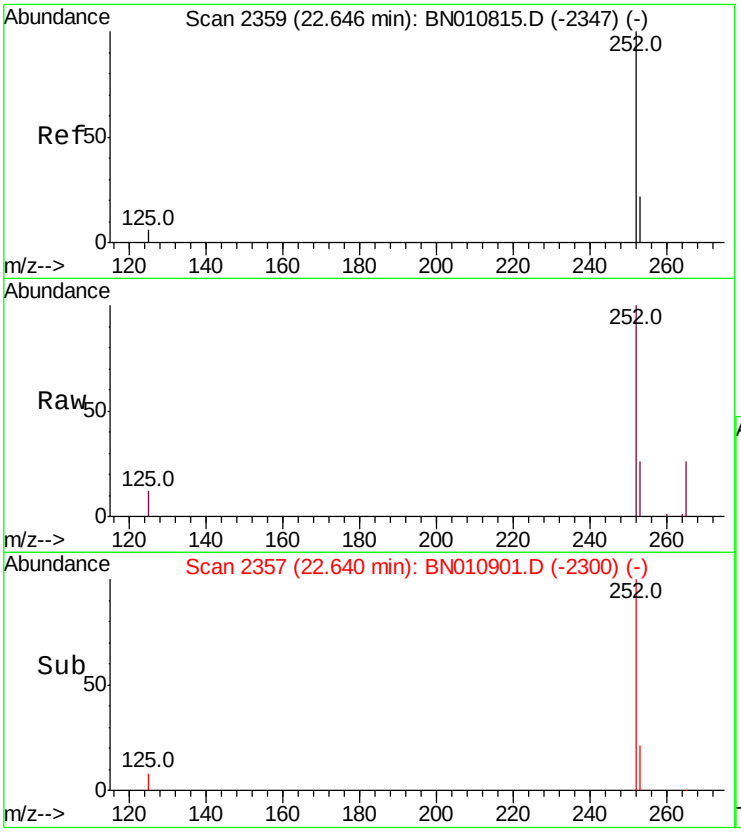


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:264 Resp: 11733

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	66.8	75.0	112.4#



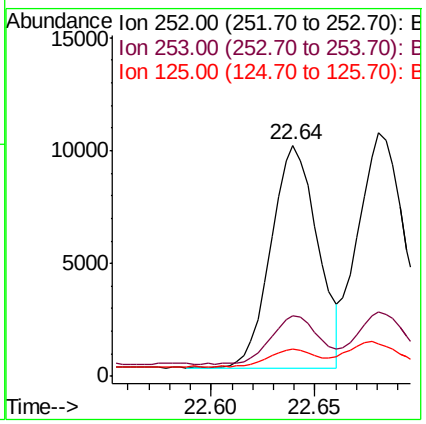


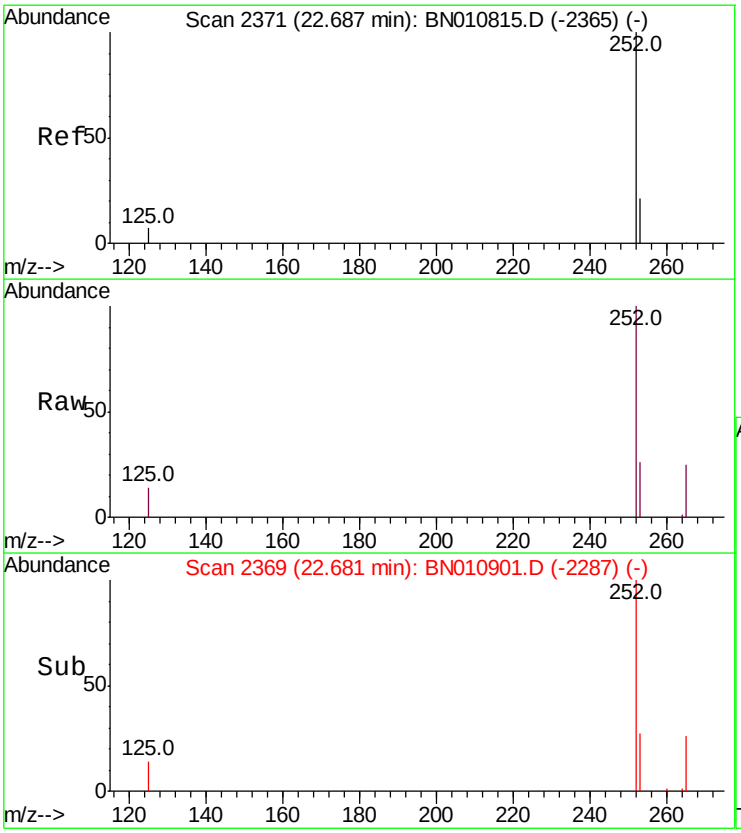
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.64 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15352

Ion	Ratio	Lower	Upper
252	100		
253	26.1	22.4	33.6
125	11.7	9.4	14.0

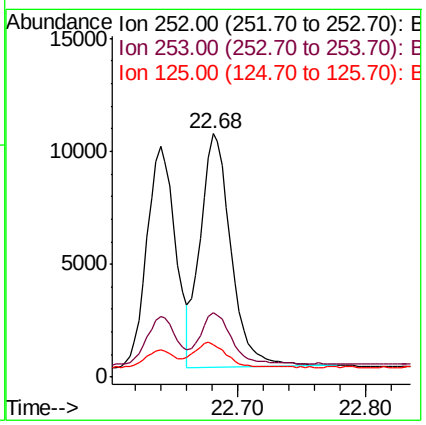


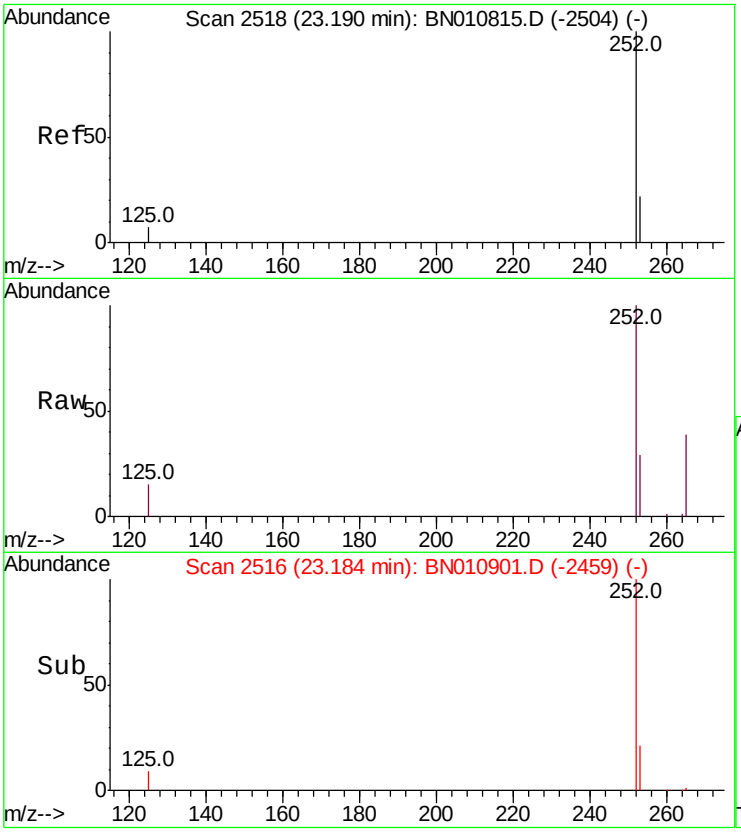


#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:252 Resp: 17197

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.2	33.4
125	13.6	9.8	14.8



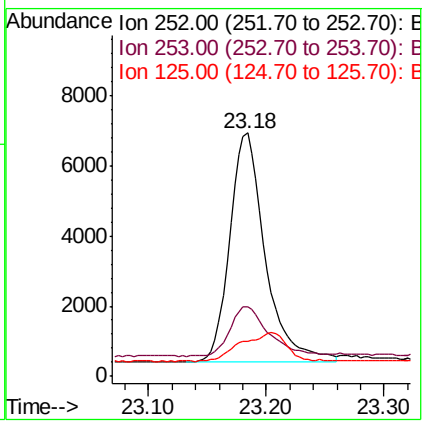


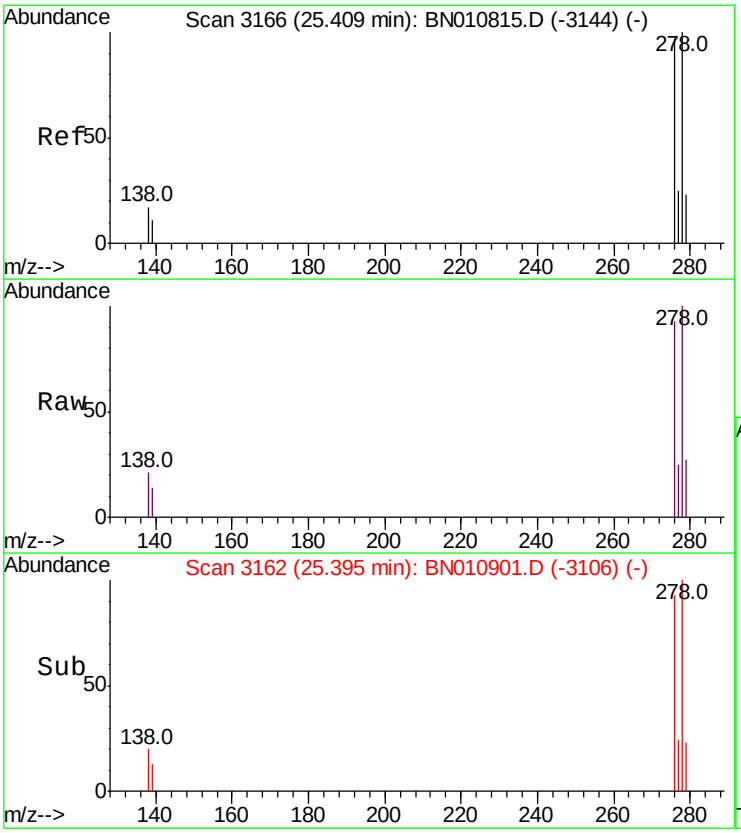
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13571

Ion	Ratio	Lower	Upper
252	100		
253	28.6	25.8	38.8
125	14.6	12.4	18.6

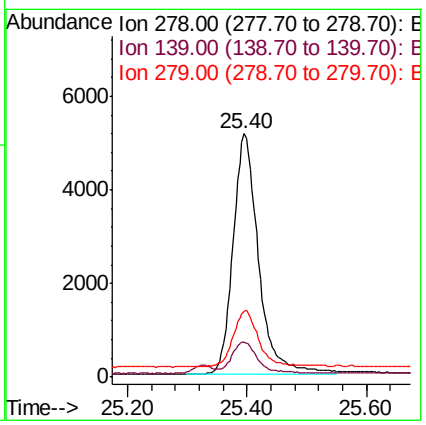


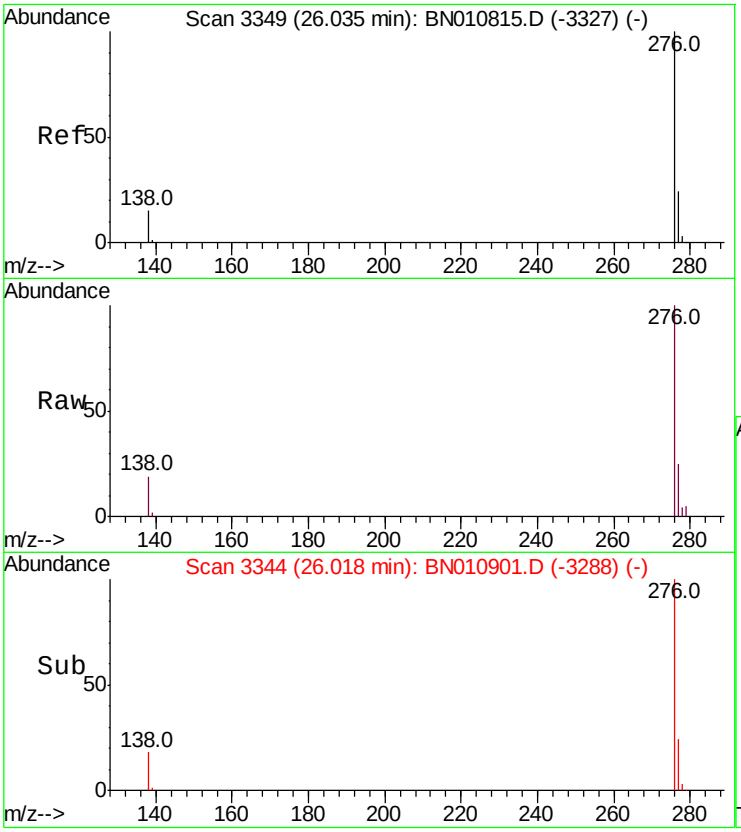


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 25.40 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Tgt Ion:278 Resp: 15249

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.6	15.8
279	26.8	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 26.02 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BN010901.D
Acq: 16 Jun 2020 10:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 15779

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.5	30.7
138	19.0	13.7	20.5