Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010815.D
Acq On : 10 Jun 2020 12:50
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jun 10 13:44:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:41:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1972	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	6568	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	3546	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	7346	0.40	ng		0.00
27) Chrysene-d12	21.13	240	6549	0.40	ng		0.00
34) Perylene-d12	23.28	264	6282	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1556	0.40	ng		0.00
5) Phenol-d6	6.75	99	1793	0.39	ng		0.00
8) Nitrobenzene-d5	8.69	82	2020	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	4272	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	491	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	5957	0.43	ng		0.00
25) Fluoranthene-d10	18.96	212	8190	0.40	ng		0.00
29) Terphenyl-d14	19.58	244	6420	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	808	0.414	ng		100
3) n-Nitrosodimethylamine	3.56	42	395	0.348	ng		100
6) bis(2-Chloroethyl)ether	7.00	93	1747	0.394	ng		100
9) Naphthalene	10.35	128	6924	0.423	ng		100
10) Hexachlorobutadiene	10.66	225	1755	0.440	ng	#	100
12) 2-Methylnaphthalene	11.98	142	4538	0.419	ng		100
16) Acenaphthylene	13.89	152	5859	0.408	ng		100
17) Acenaphthene	14.24	154	4122	0.423	ng		100
18) Fluorene	15.24	166	5245	0.415	ng		100
20) 4-Bromophenyl-phenylether	16.14	248	1805	0.421	ng		100
21) Hexachlorobenzene	16.24	284	1934	0.428	ng		100
22) Pentachlorophenol	16.59	266	599	0.389	ng		100
23) Phenanthrene	16.96	178	8224	0.414	ng		100
24) Anthracene	17.06	178	6642	0.395	ng		100
26) Fluoranthene	19.00	202	9107	0.396	ng		100
28) Pyrene	19.36	202	9005	0.434	ng		100
30) Benzo(a)anthracene	21.12	228	7627	0.397	ng		100
31) Chrysene	21.16	228	9712	0.445	ng		100
32) Bis(2-ethylhexyl)phthalate	21.07	149	2510	0.395	ng		100
33) Indeno(1,2,3-cd)pyrene	25.39	276	10487	0.400	ng		100
35) Benzo(b)fluoranthene	22.65	252	8842	0.432	ng		100
36) Benzo(k)fluoranthene	22.69	252	9576	0.425	ng		100
37) Benzo(a)pyrene	23.19	252	7357	0.403	ng		100
38) Dibenzo(a,h)anthracene	25.41	278	8504	0.413	ng		100
39) Benzo(g,h,i)perylene	26.03	276	9292	0.437	ng		100

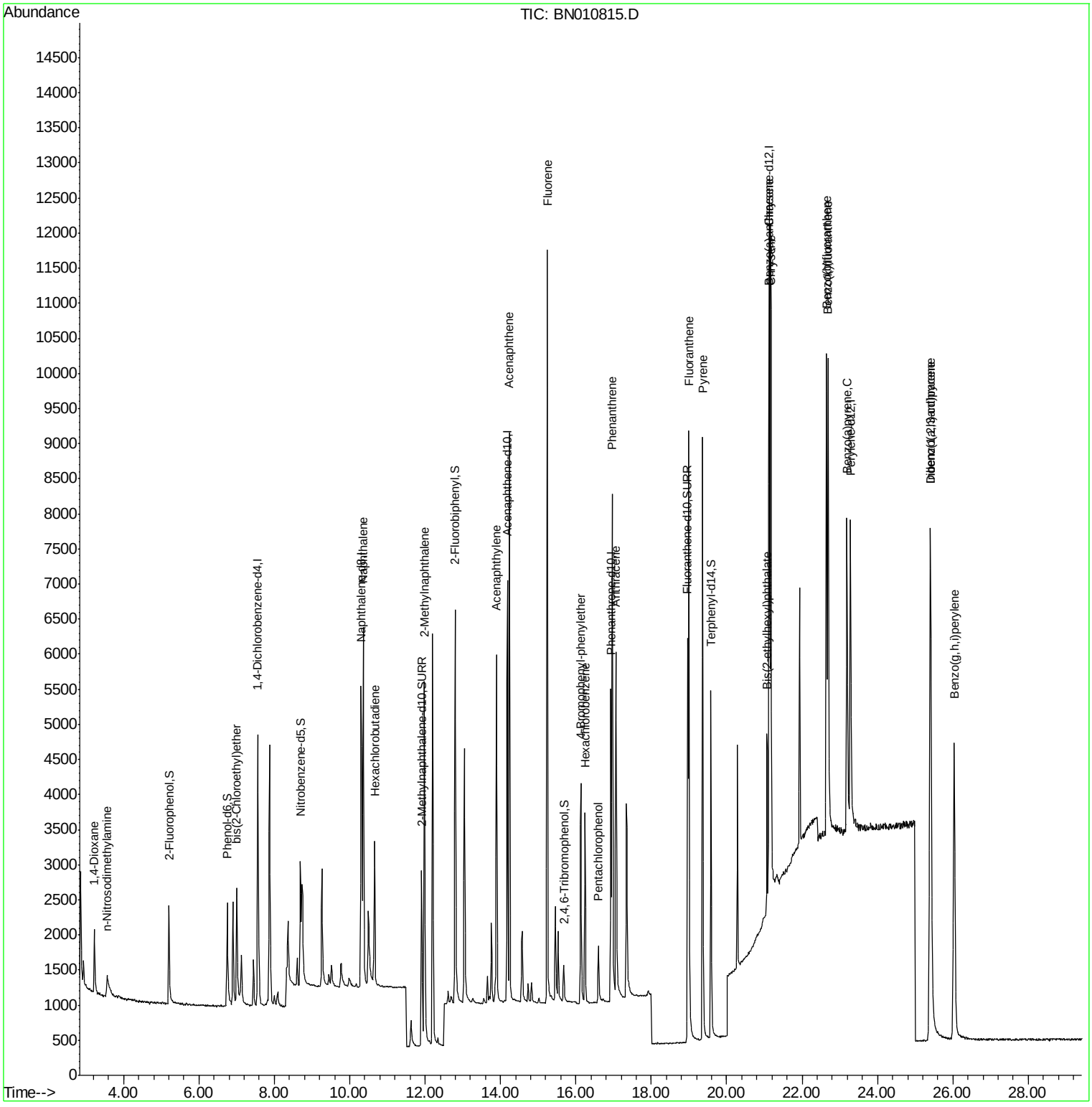
(#) = qualifier out of range (m) = manual integration (+) = signals summed

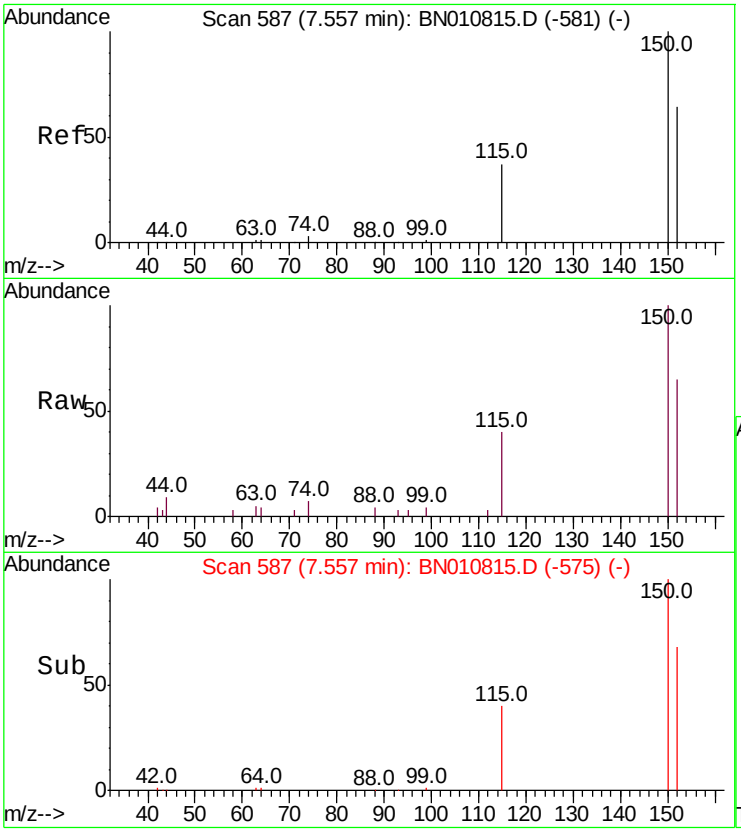
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010815.D
Acq On : 10 Jun 2020 12:50
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 10 13:44:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:41:15 2020
Response via : Initial Calibration



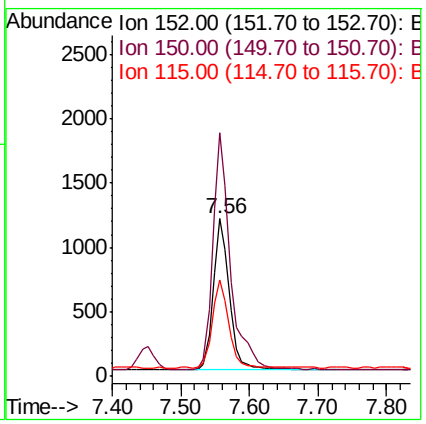


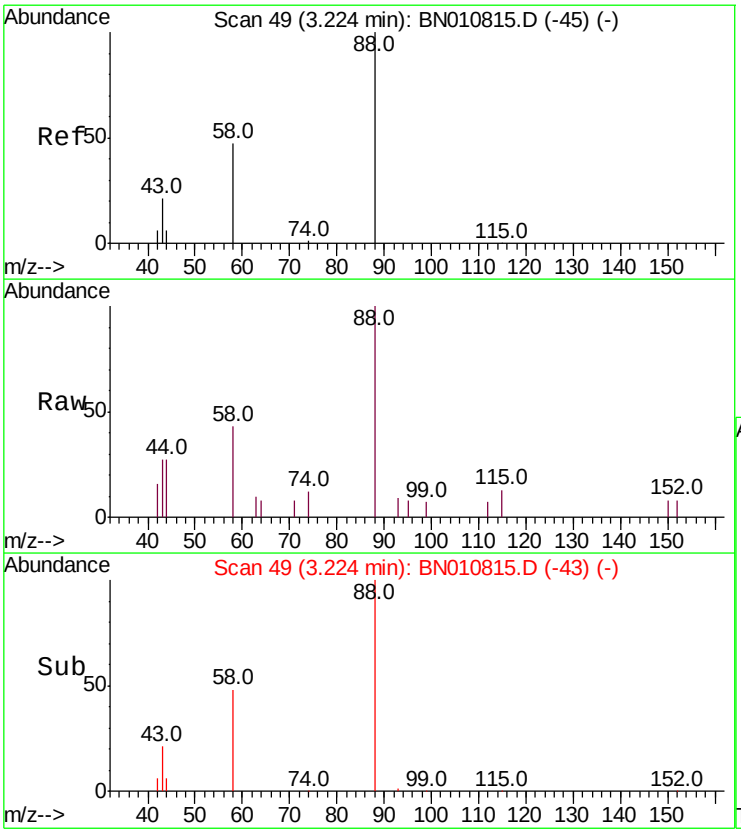
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1972

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	61.5	49.2	73.8

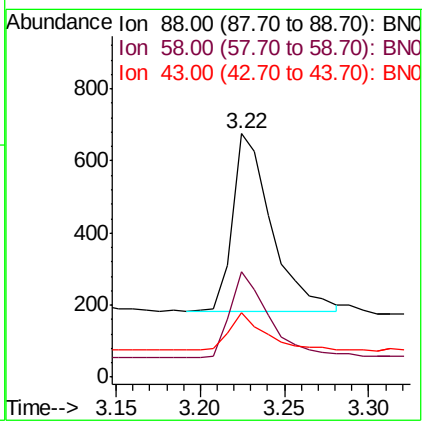


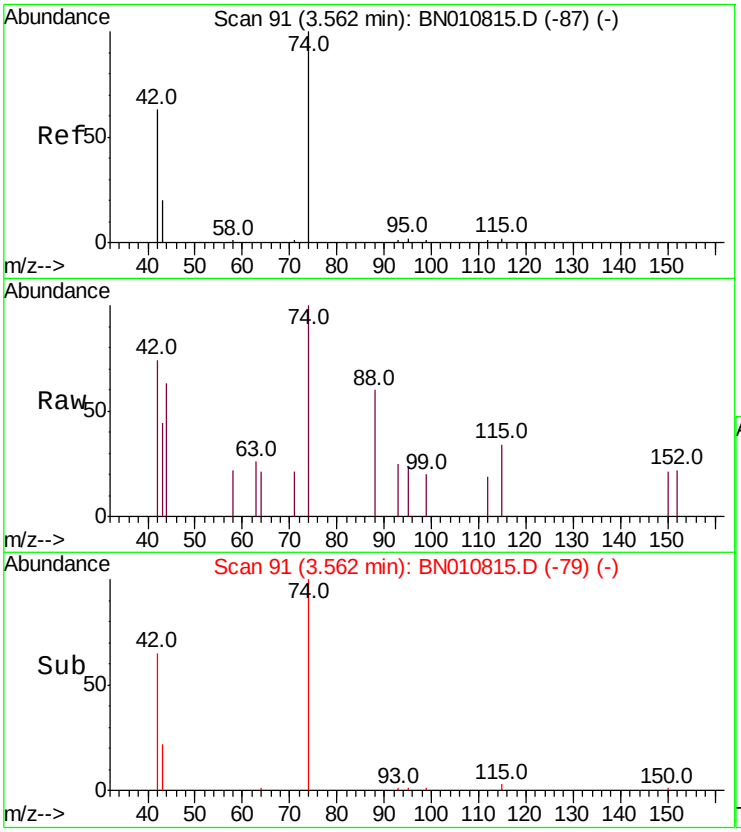


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion: 88 Resp: 808

Ion	Ratio	Lower	Upper
88	100		
58	47.8	38.2	57.4
43	18.9	15.1	22.7



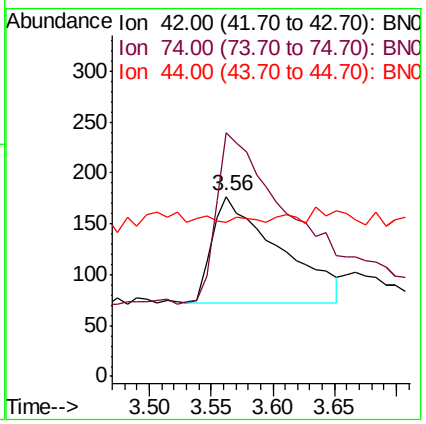


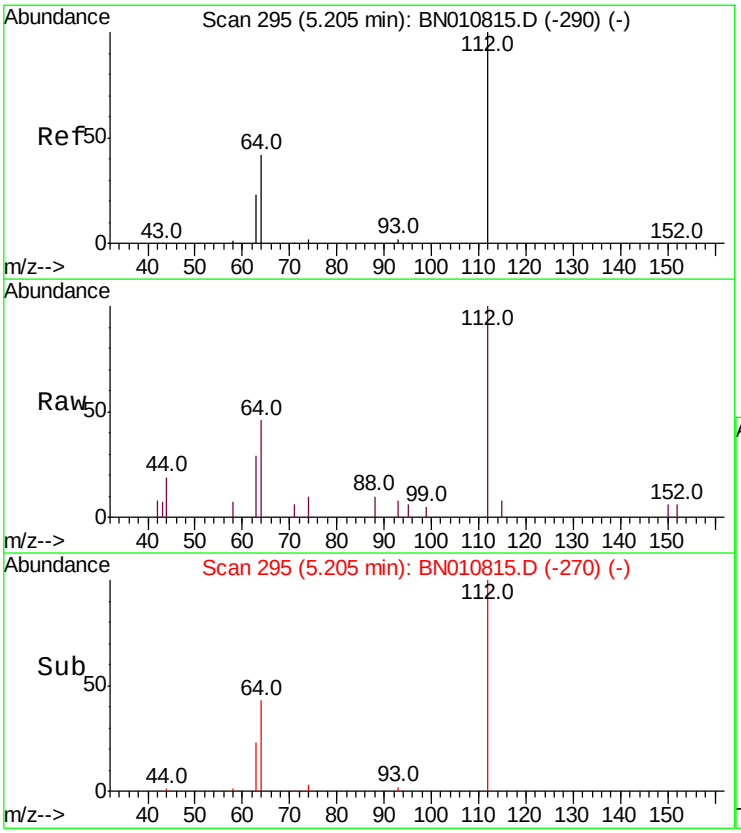
#3
n-Nitrosodimethylamine
Concen: 0.348 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 395

Ion	Ratio	Lower	Upper
42	100		
74	175.9	140.7	211.1
44	1.8	1.4	2.2

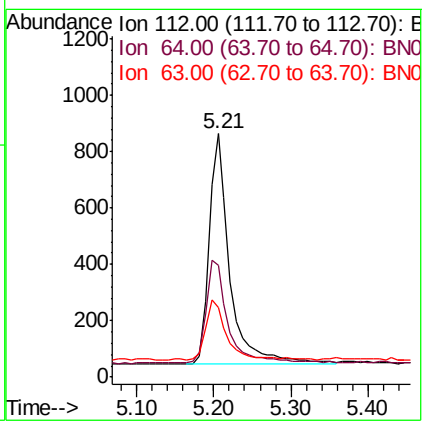


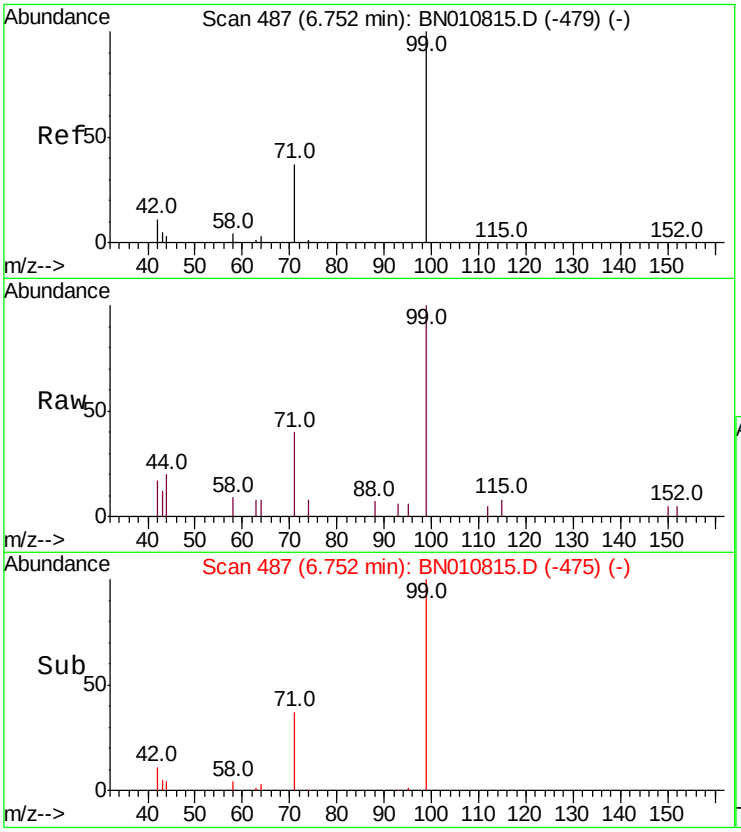


#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:112 Resp: 1556

Ion	Ratio	Lower	Upper
112	100		
64	46.7	37.4	56.0
63	27.8	22.2	33.4



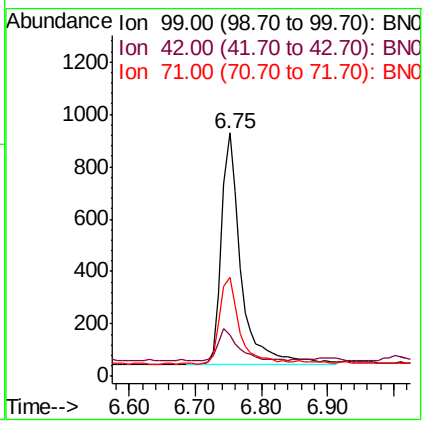


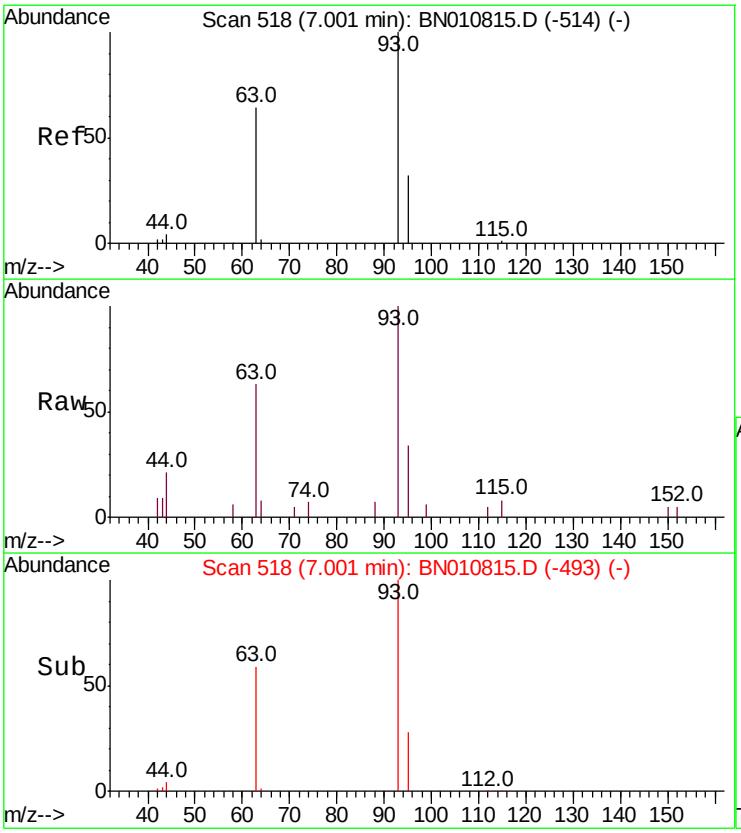
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 1793

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.1	16.7
71	39.3	31.4	47.2

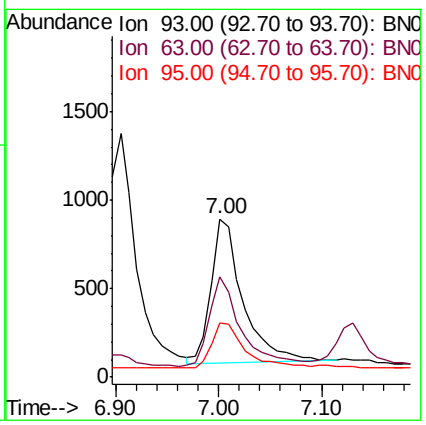


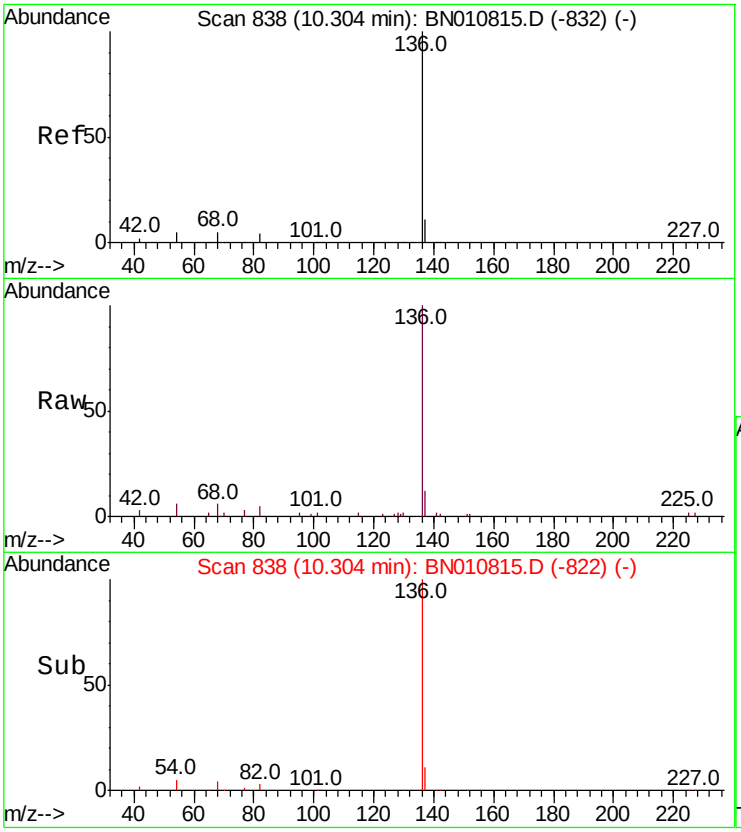


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion: 93 Resp: 1747

Ion	Ratio	Lower	Upper
93	100		
63	61.8	49.4	74.2
95	33.4	26.7	40.1



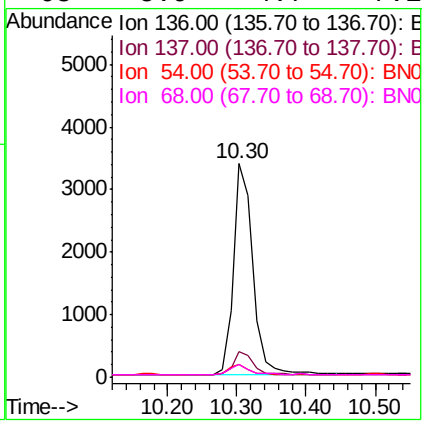


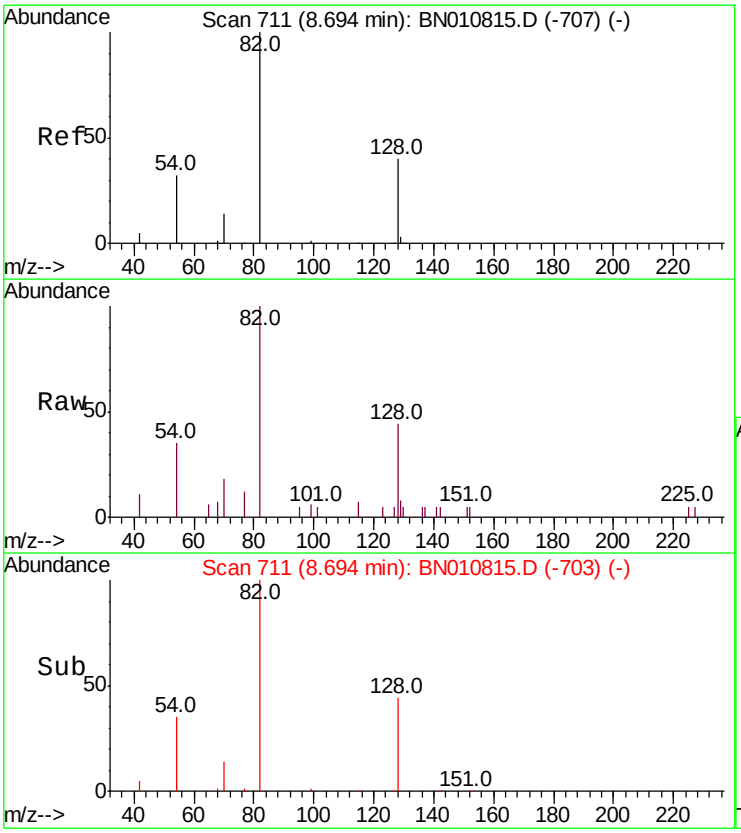
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 6568

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	6.1	4.9	7.3
68	5.9	4.7	7.1

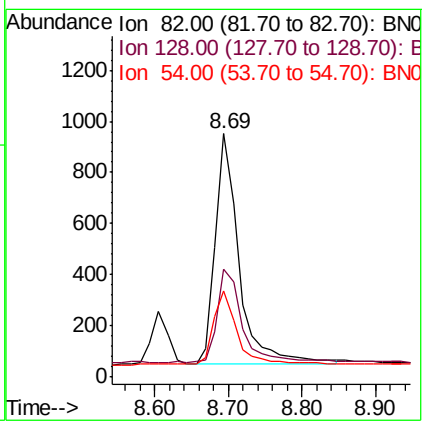


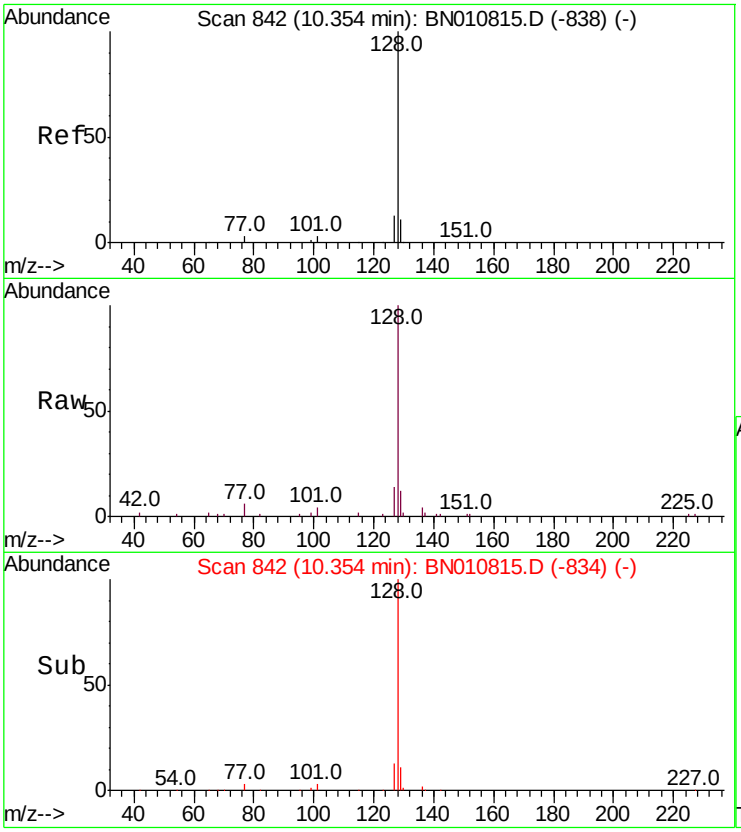


#8
Nitrobenzene-d5
Concen: 0.419 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion: 82 Resp: 2020

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.4	53.0
54	35.3	28.2	42.4



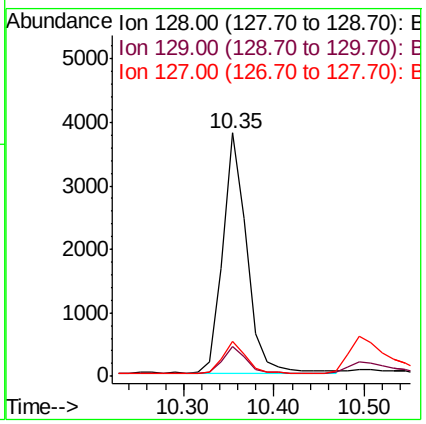


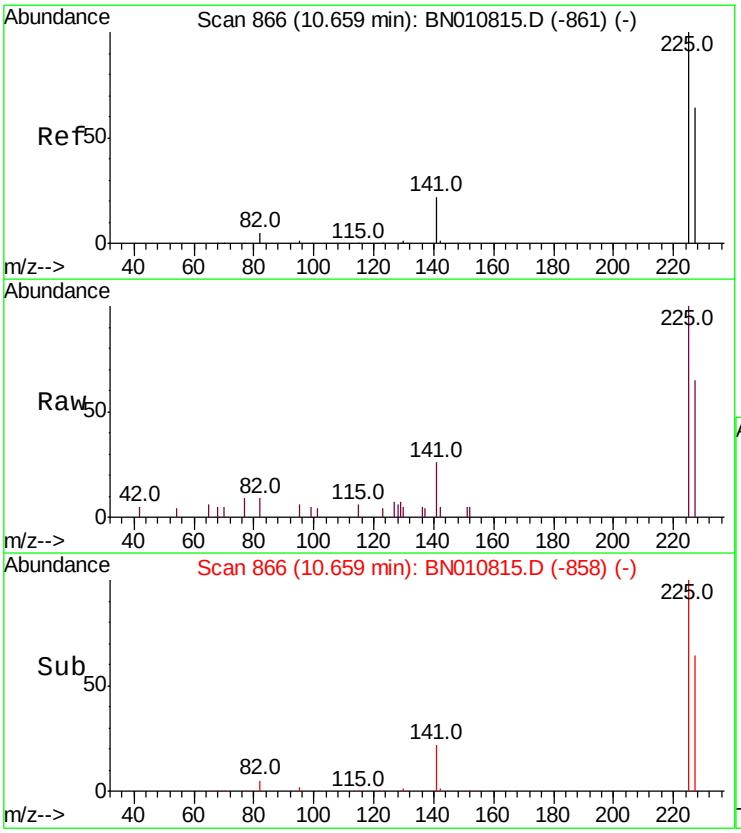
#9
Naphthalene
Concen: 0.423 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 6924

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.3	11.4	17.2

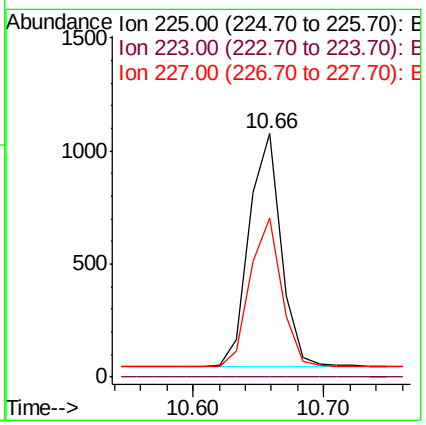


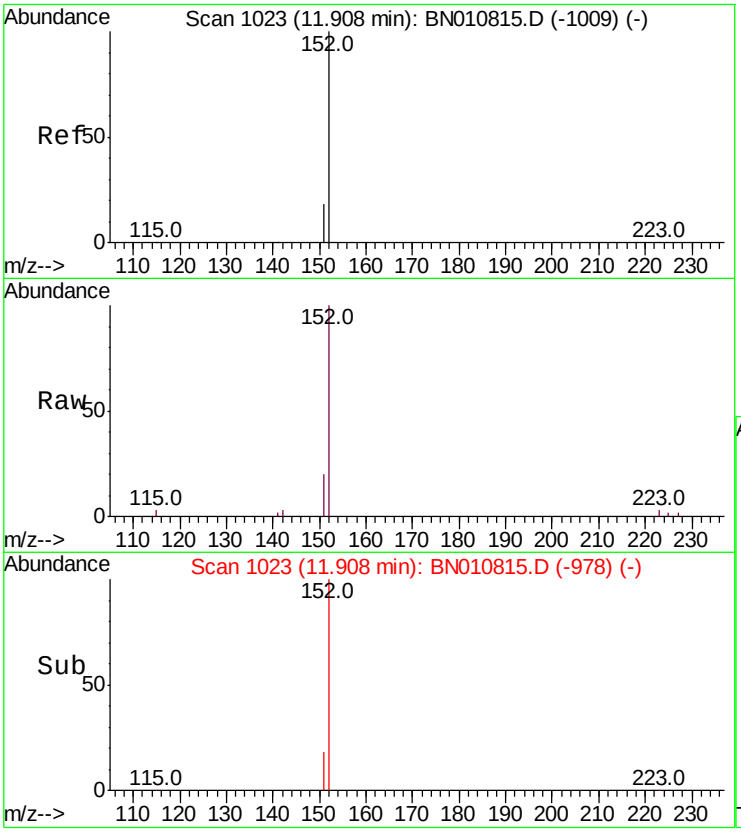


#10
Hexachlorobutadiene
Concen: 0.440 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:225 Resp: 1755

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.5	75.7



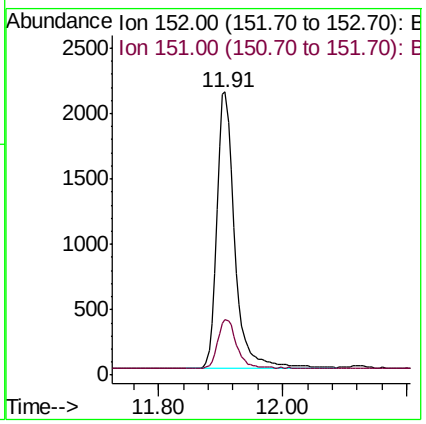


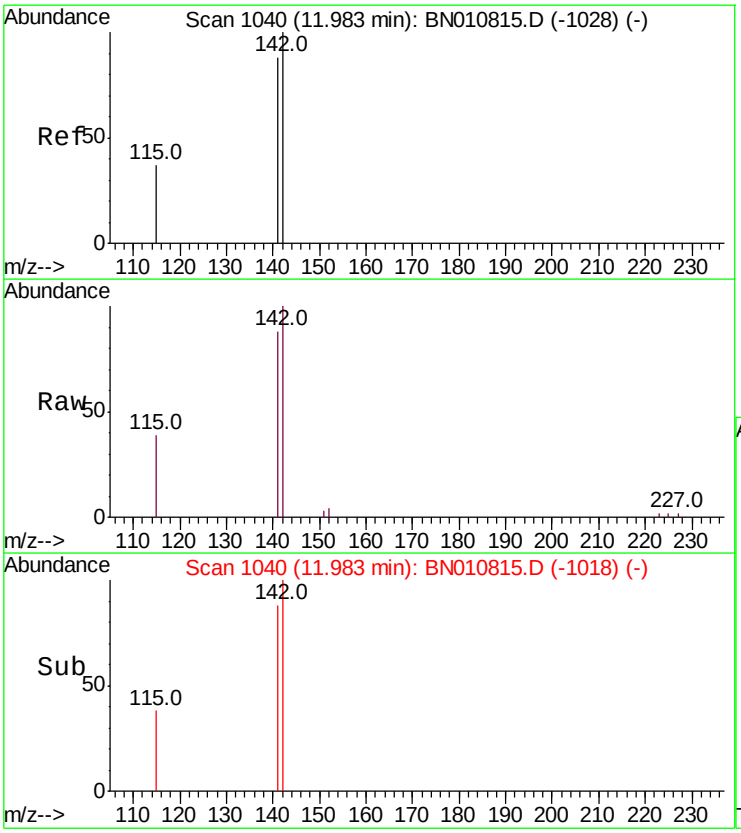
#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 11.91 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4272

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

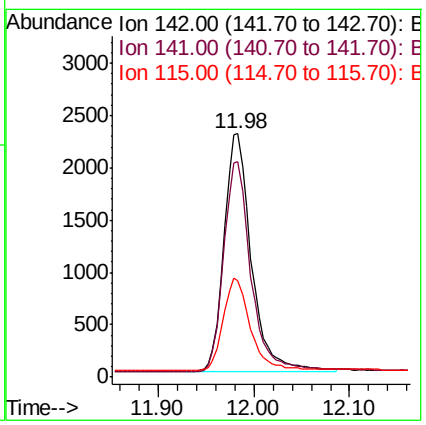


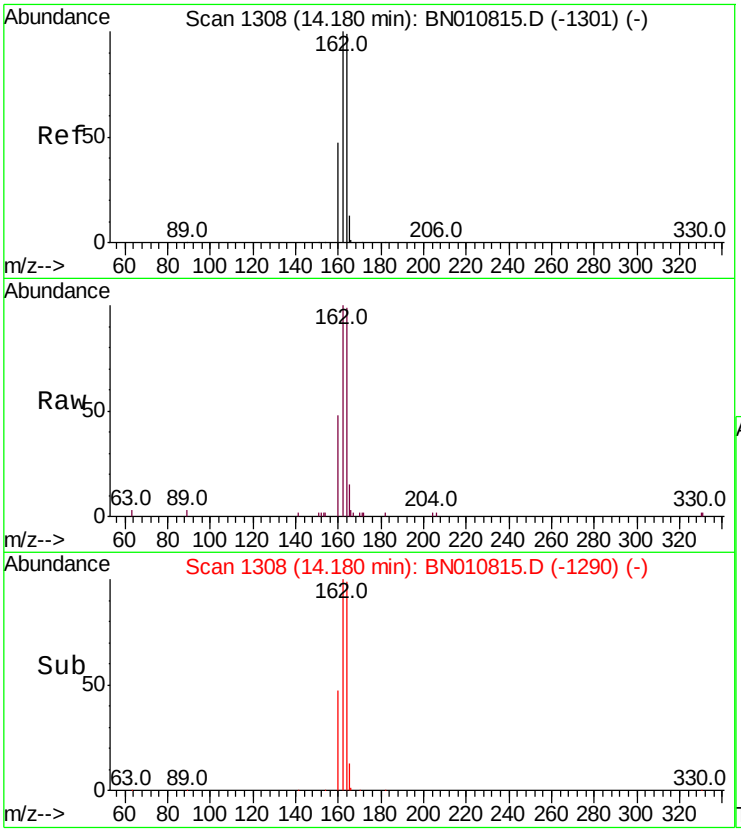


#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 11.98 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:142 Resp: 4538

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	39.4	31.5	47.3



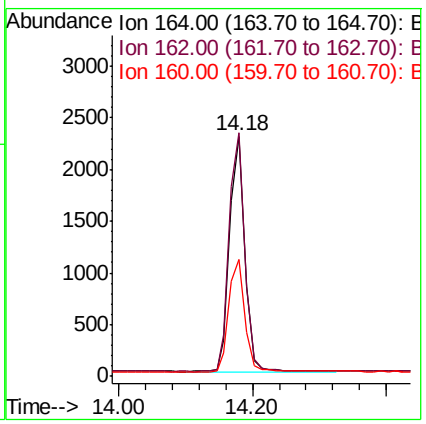


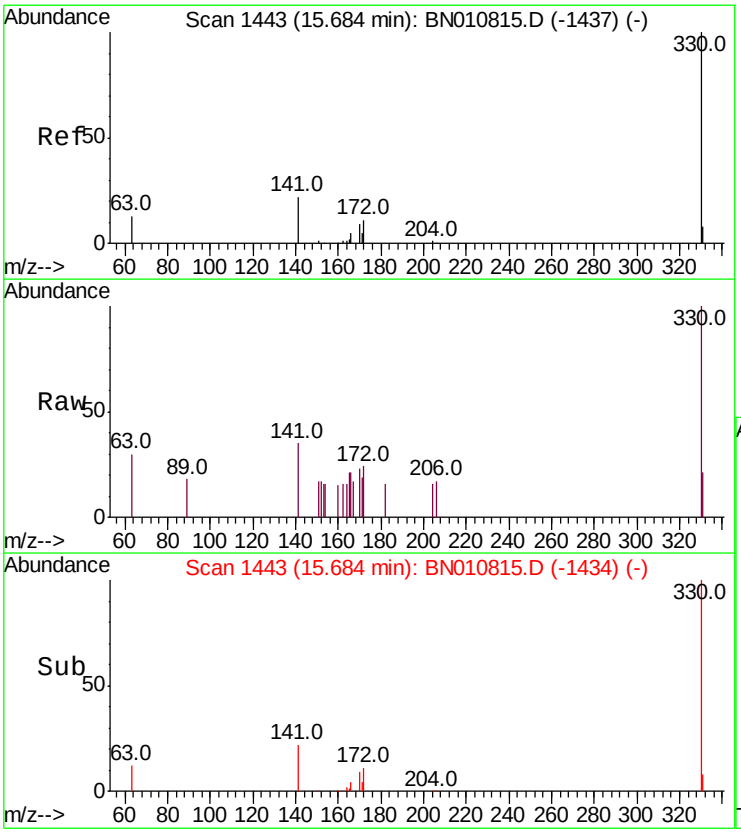
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 3546

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.6
160	48.6	38.9	58.3

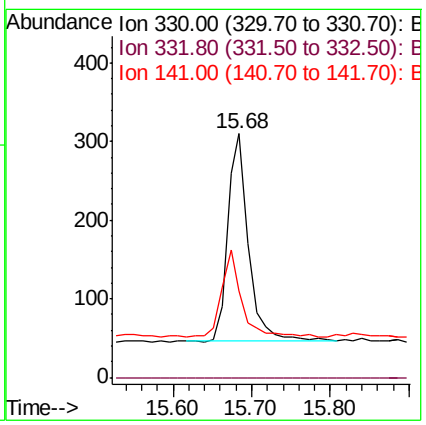


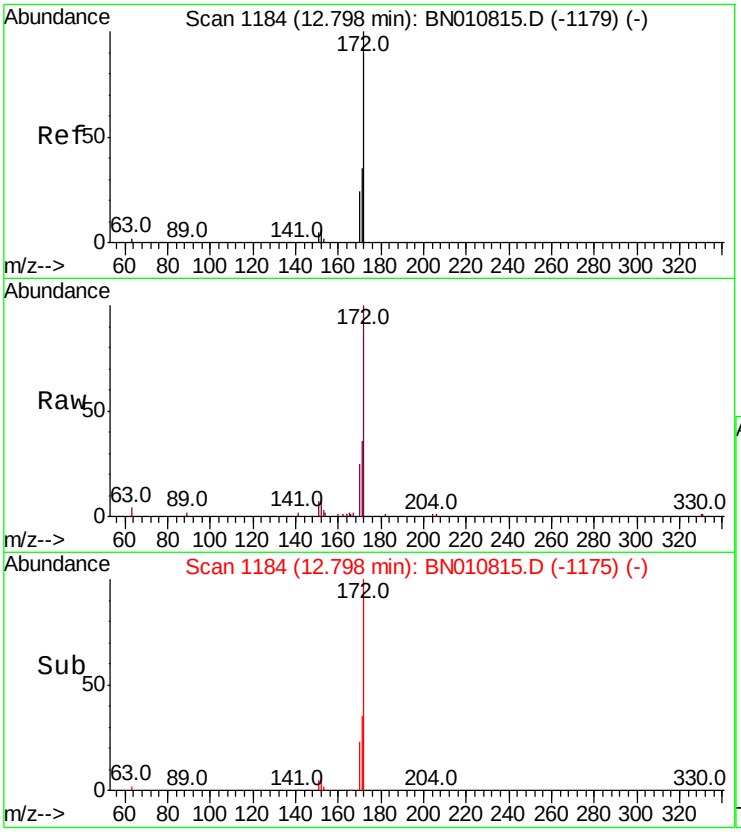


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:330 Resp: 491

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.5	33.2	49.8



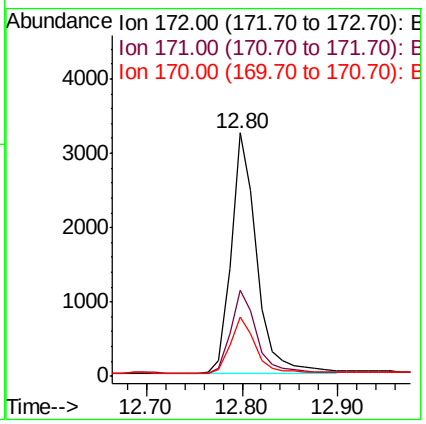


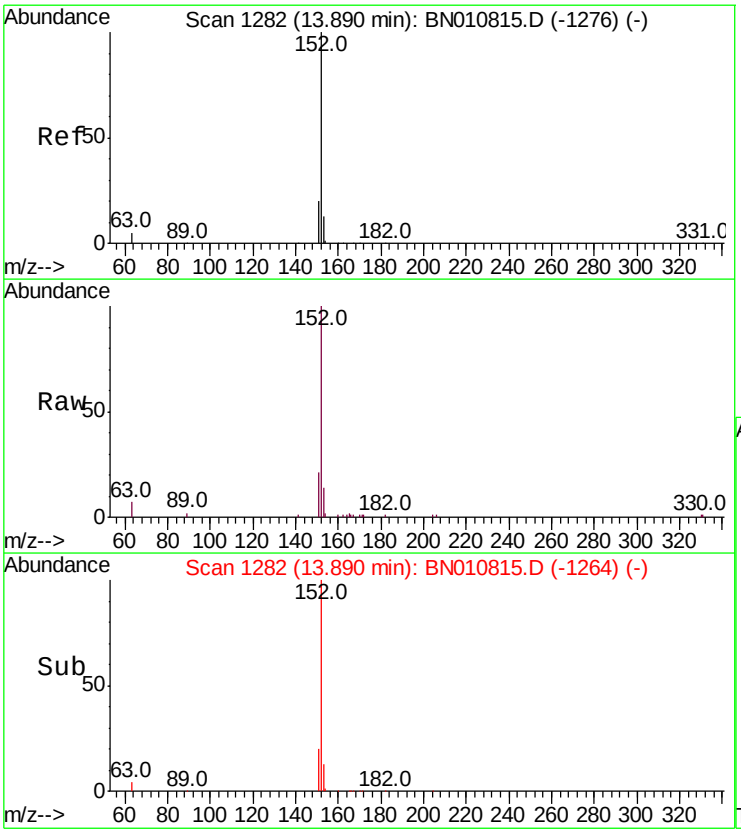
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 5957

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.6	19.7	29.5

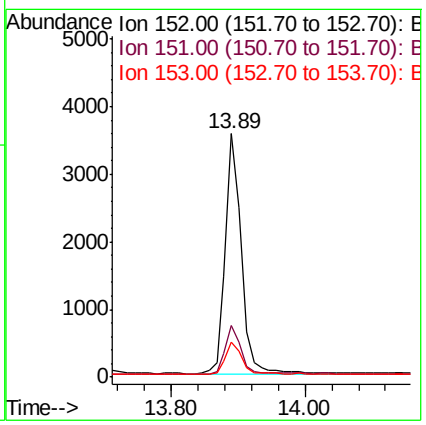


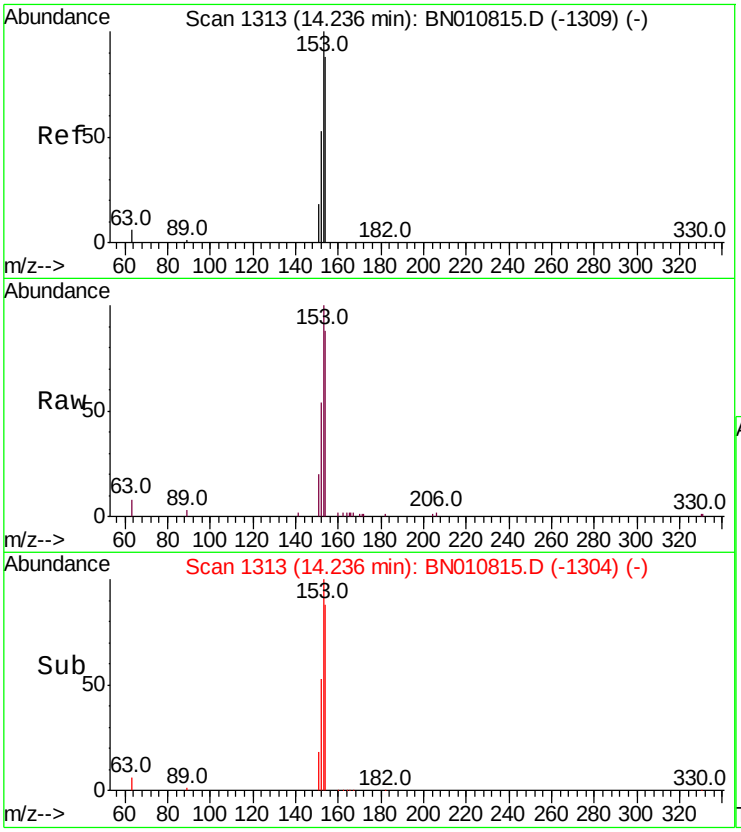


#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:152 Resp: 5859

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.3	10.6	16.0



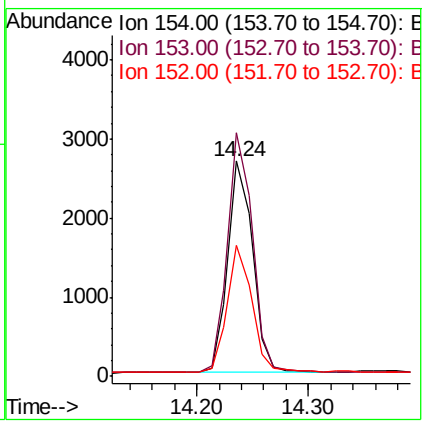


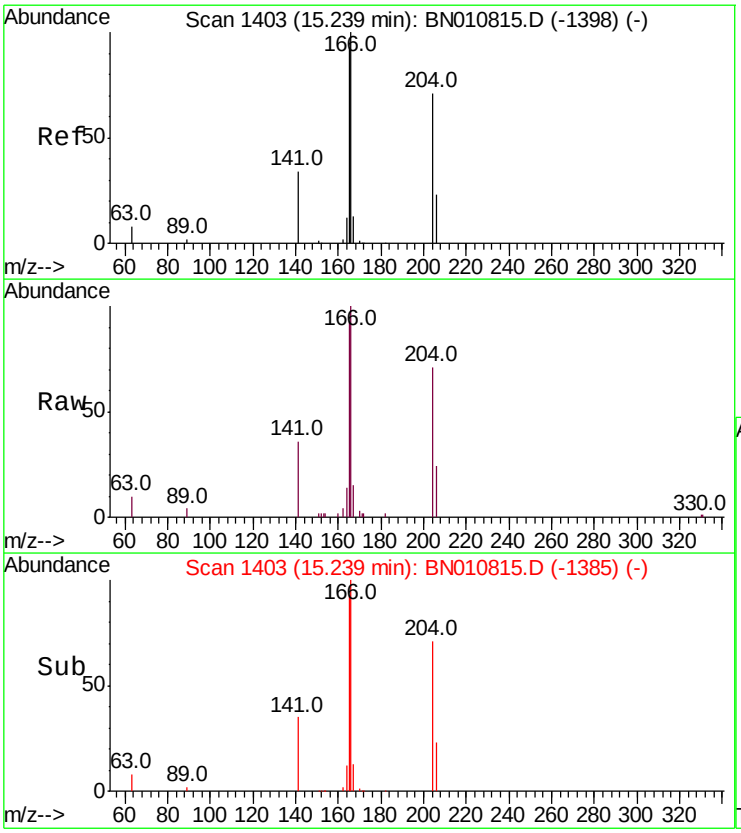
#17
Acenaphthene
Concen: 0.423 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 4122

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.8	137.6
152	59.5	47.6	71.4

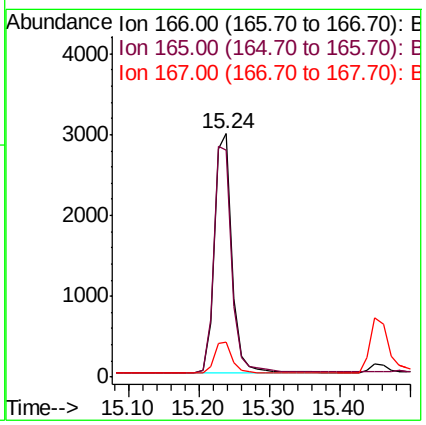


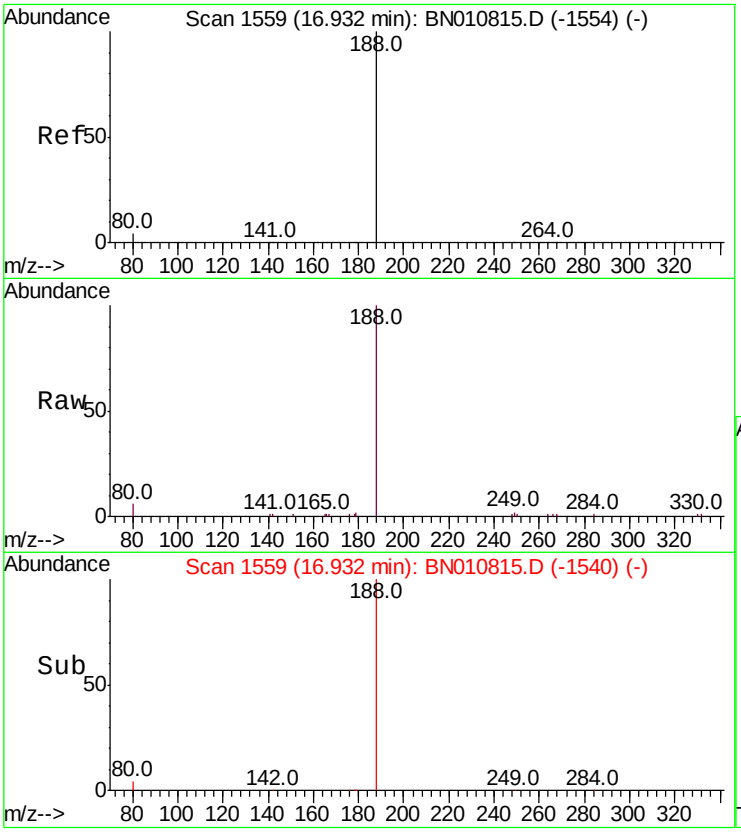


#18
Fluorene
Concen: 0.415 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:166 Resp: 5245

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.2	115.8
167	13.4	10.7	16.1



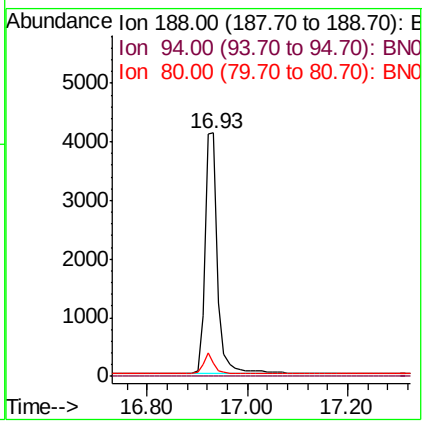


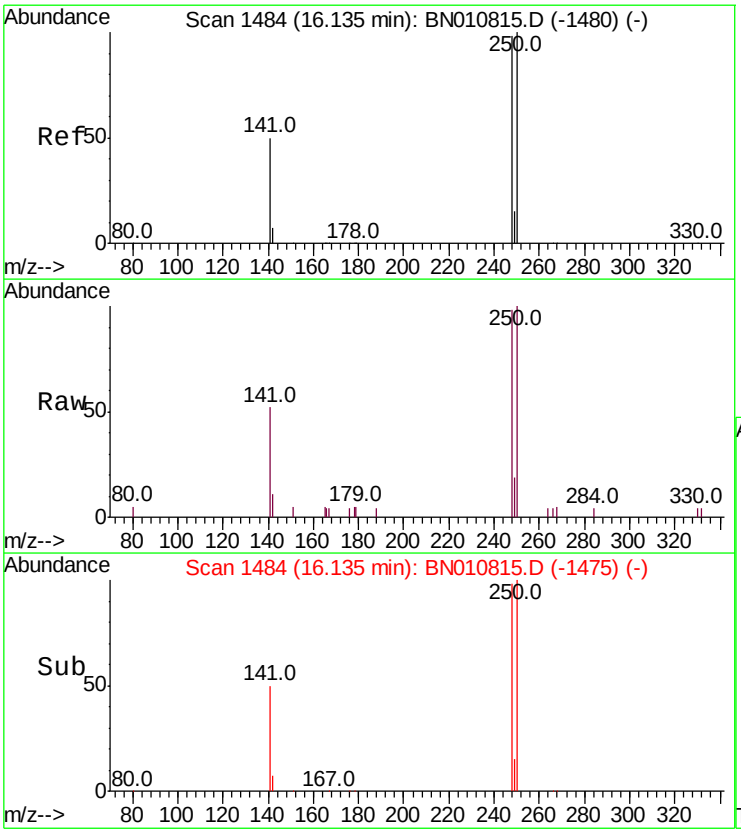
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 7346

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	4.5	6.7

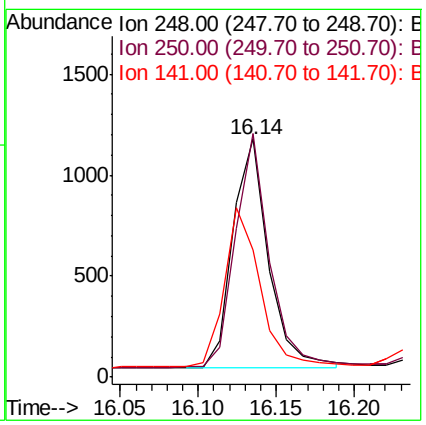


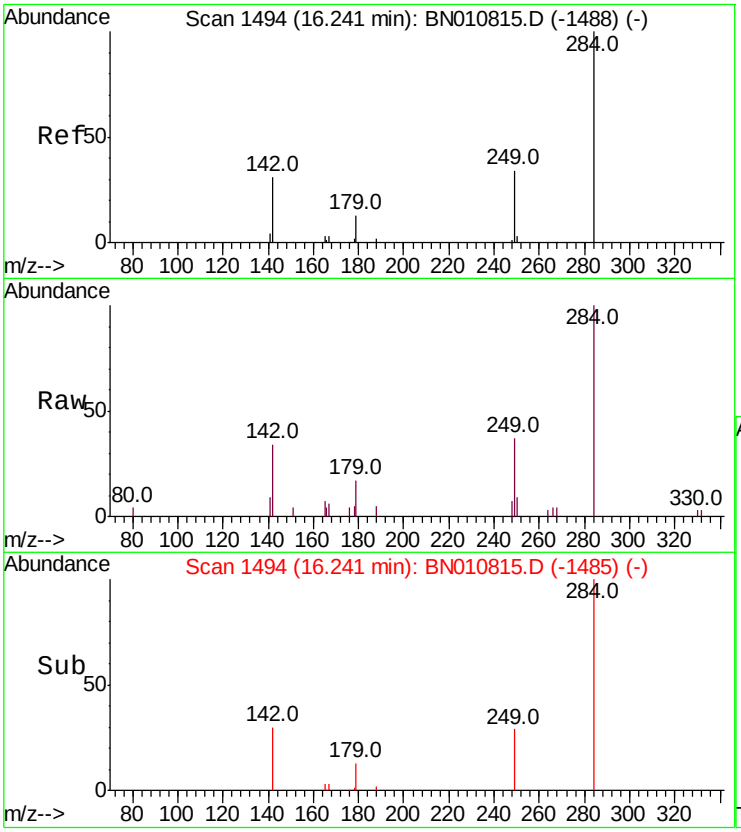


#20
4-Bromophenyl-phenylether
Concen: 0.421 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:248 Resp: 1805

Ion	Ratio	Lower	Upper
248	100		
250	102.3	81.8	122.8
141	53.3	42.6	64.0



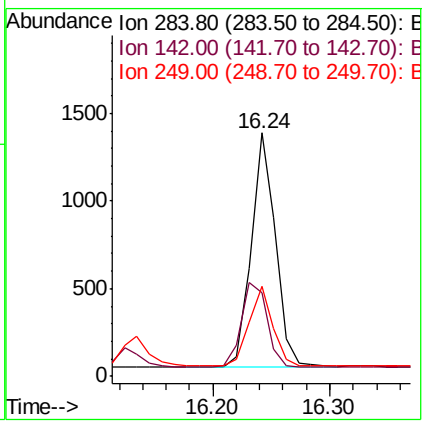


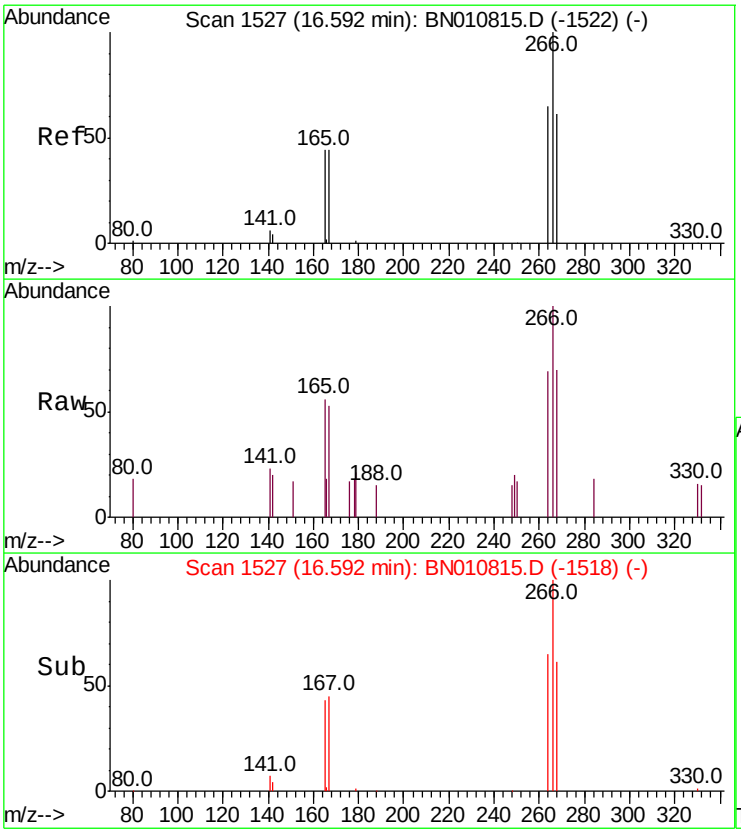
#21
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 1934

Ion	Ratio	Lower	Upper
284	100		
142	38.7	31.0	46.4
249	33.9	27.1	40.7

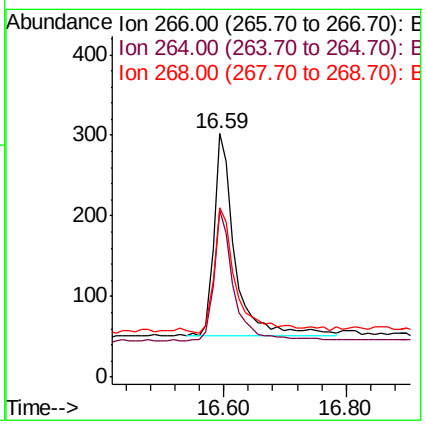


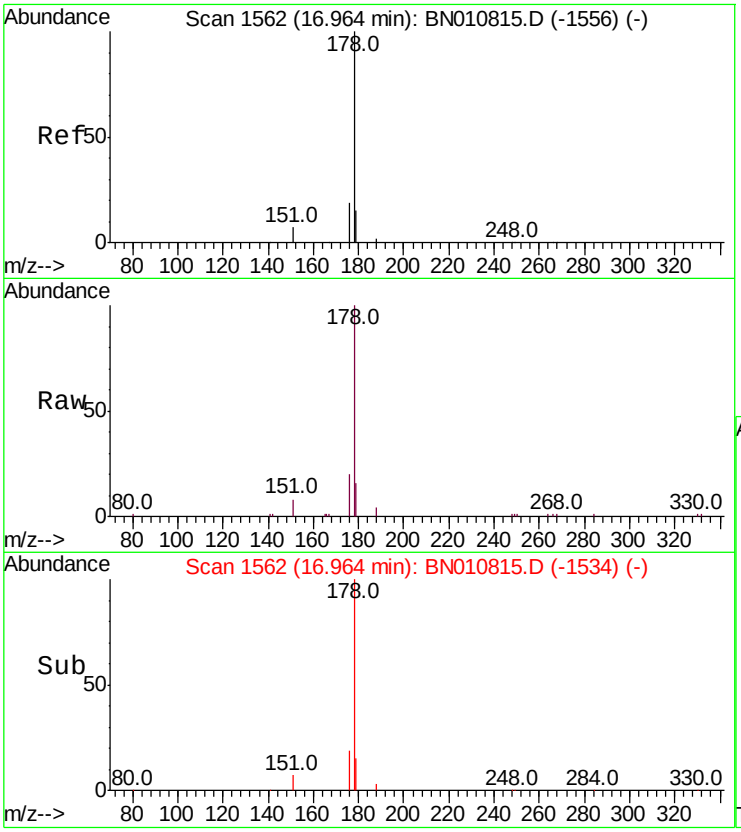


#22
Pentachlorophenol
Concen: 0.389 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:266 Resp: 599

Ion	Ratio	Lower	Upper
266	100		
264	68.5	54.8	82.2
268	69.9	55.9	83.9



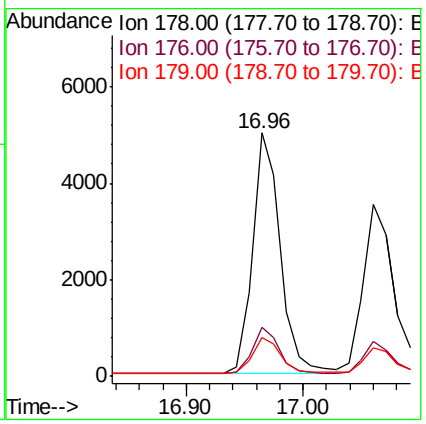


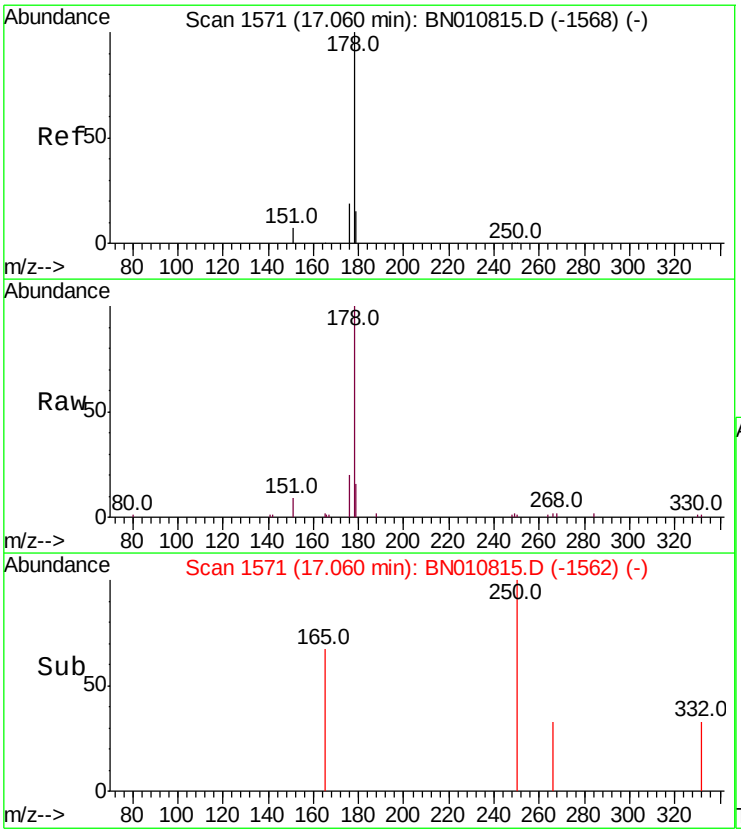
#23
Phenanthrene
Concen: 0.414 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 8224

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.8	12.6	19.0

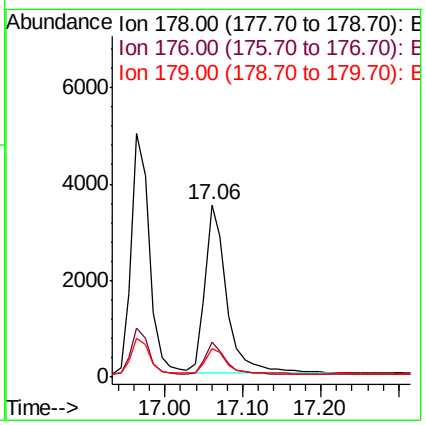


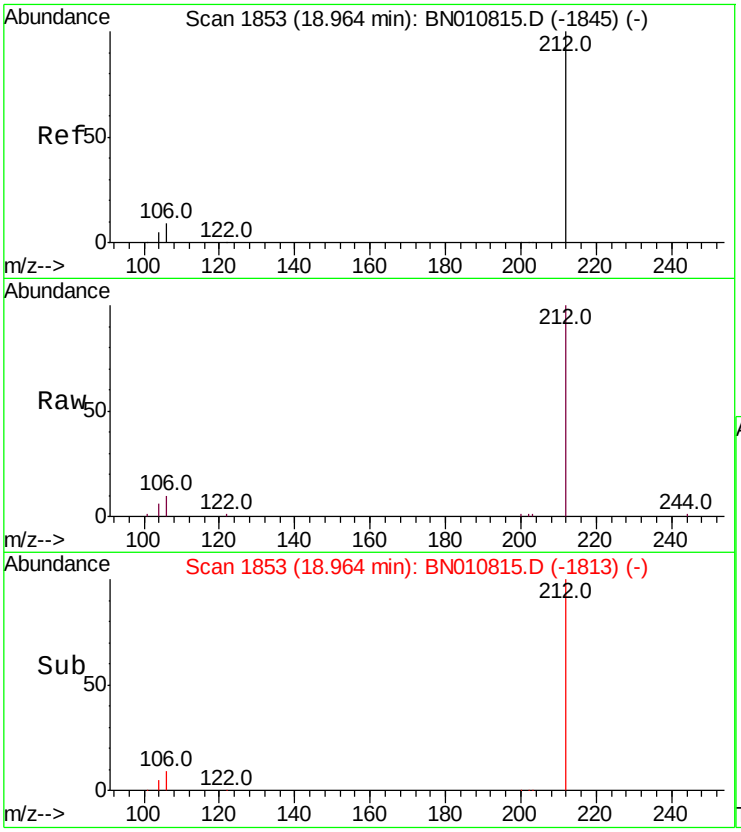


#24
Anthracene
Concen: 0.395 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:178 Resp: 6642

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.4	12.3	18.5



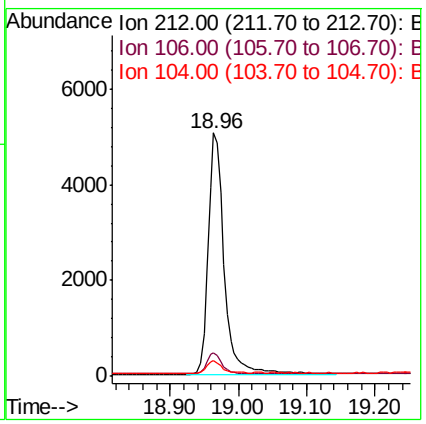


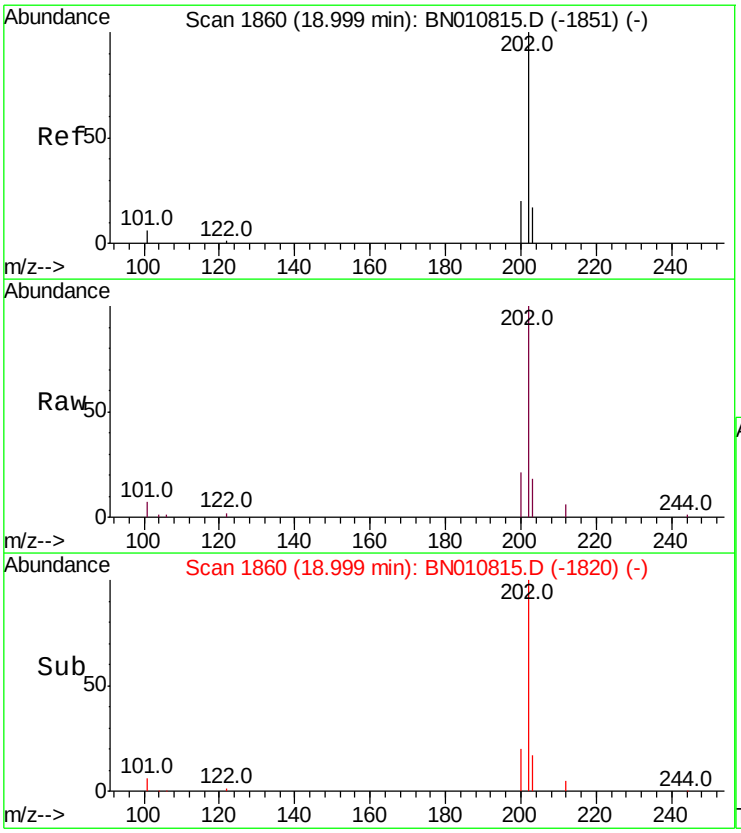
#25
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 8190

Ion	Ratio	Lower	Upper
212	100		
106	8.3	6.6	10.0
104	5.0	4.0	6.0

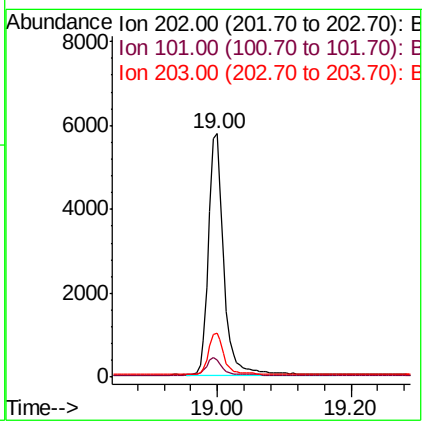


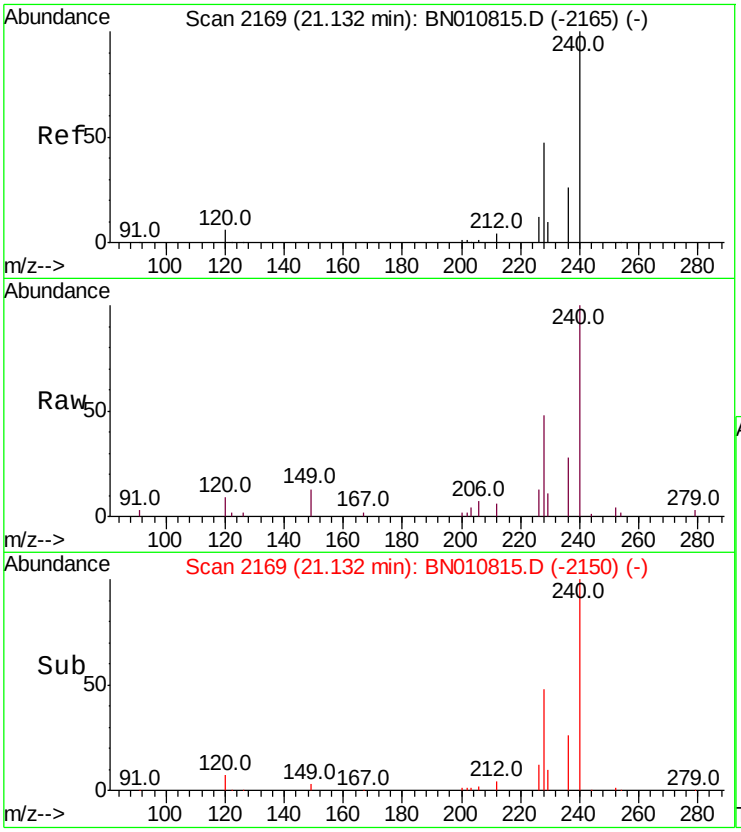


#26
Fluoranthene
Concen: 0.396 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:202 Resp: 9107

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.8	8.6
203	17.1	13.7	20.5



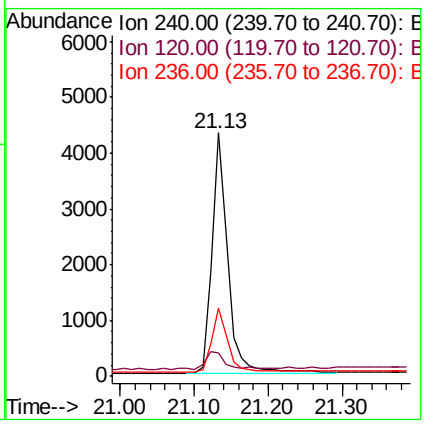


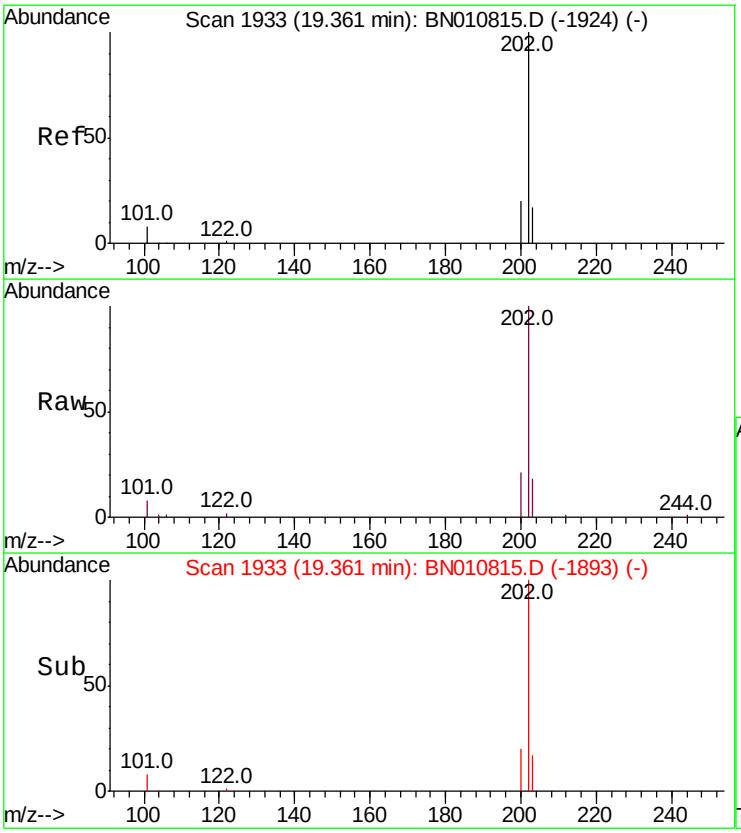
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 6549

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	27.9	22.3	33.5

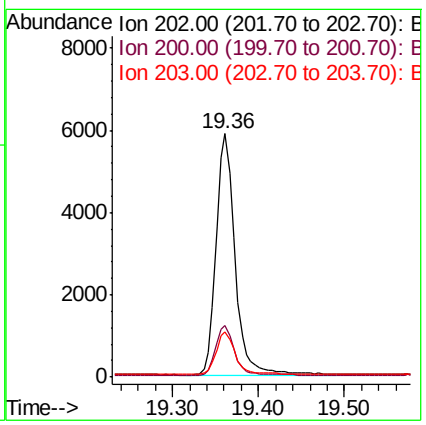


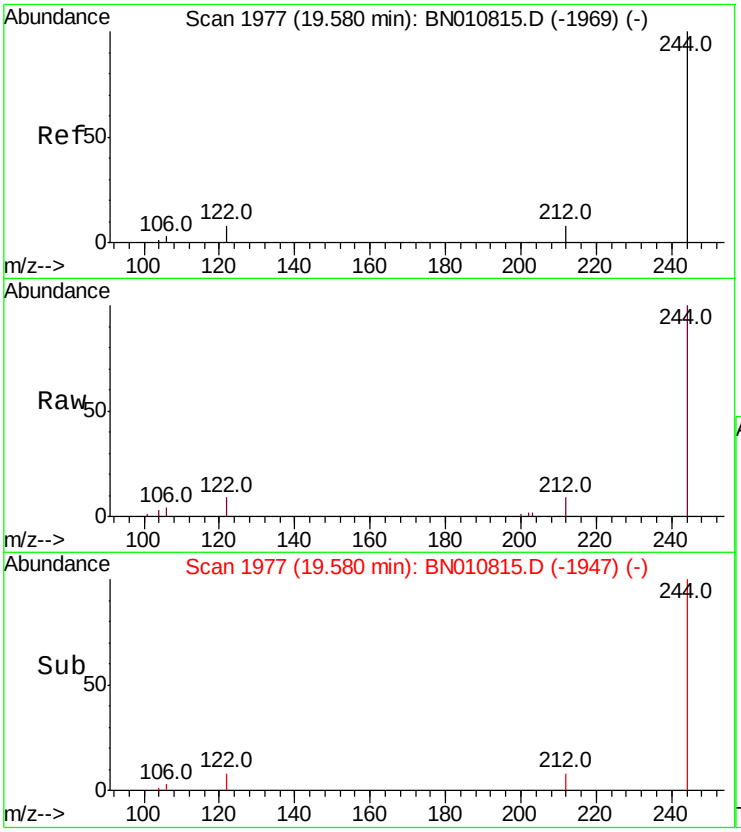


#28
Pyrene
Concen: 0.434 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:202 Resp: 9005

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.8	14.2	21.4



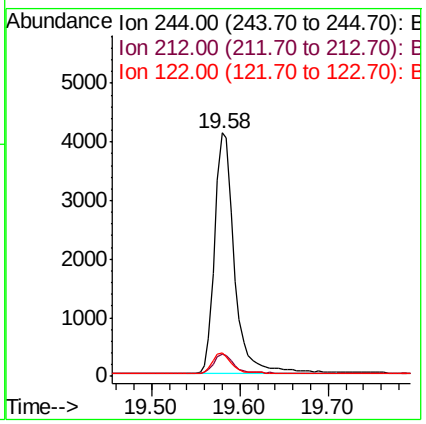


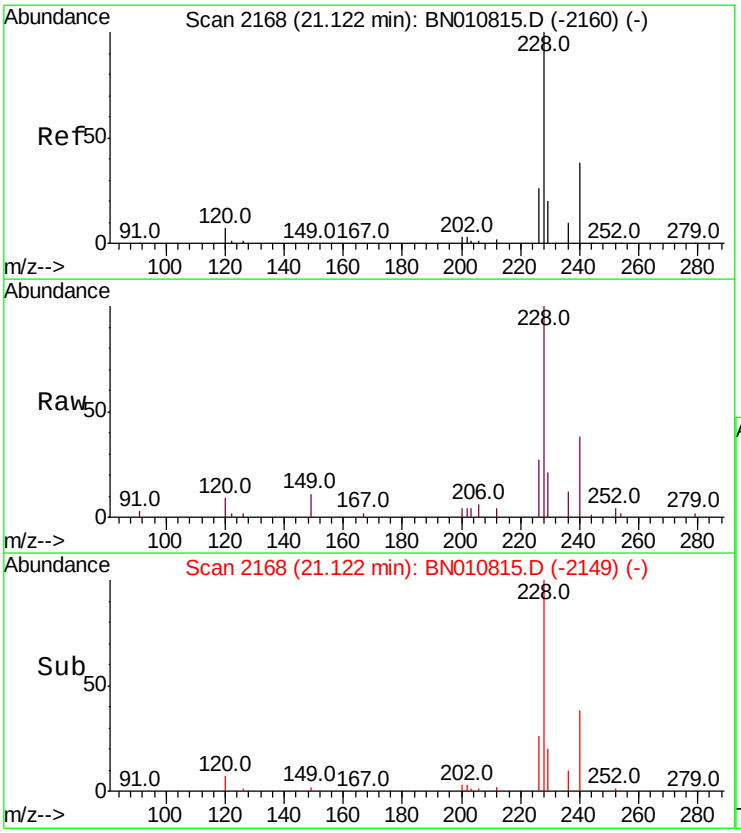
#29
Terphenyl-d14
Concen: 0.440 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 6420

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.2
122	9.4	7.5	11.3

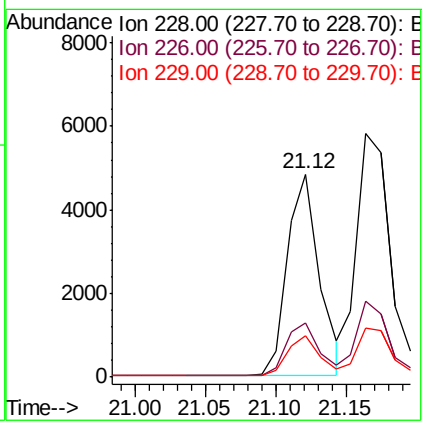


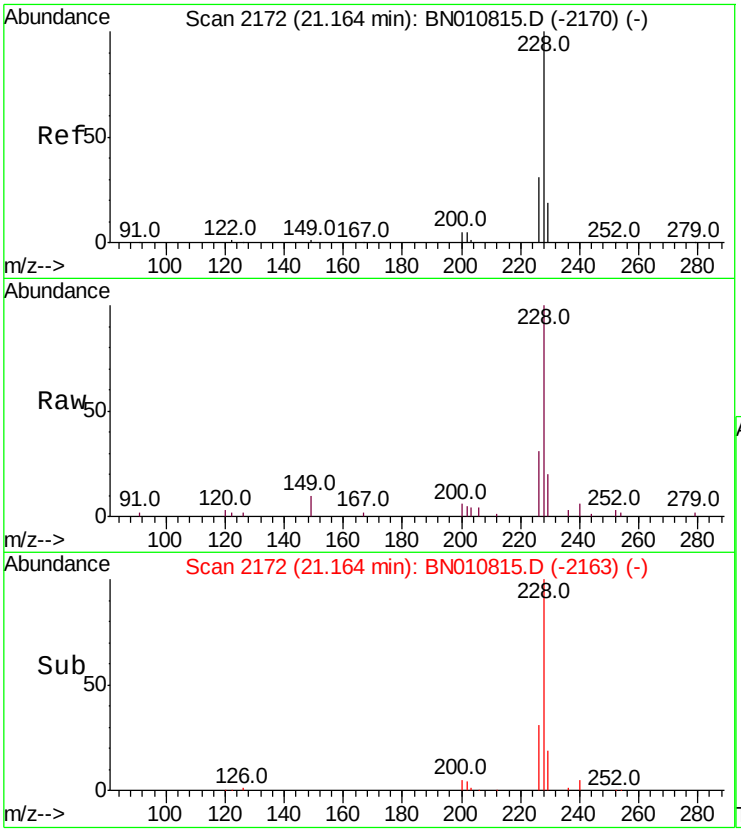


#30
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:228 Resp: 7627

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	20.7	16.6	24.8



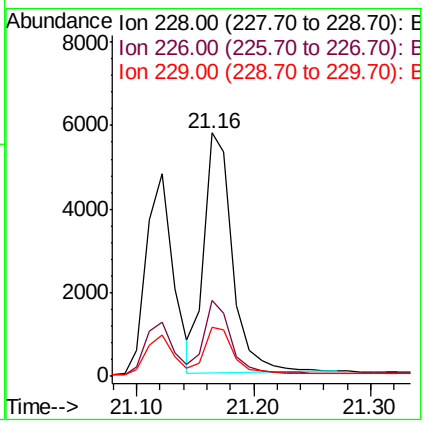


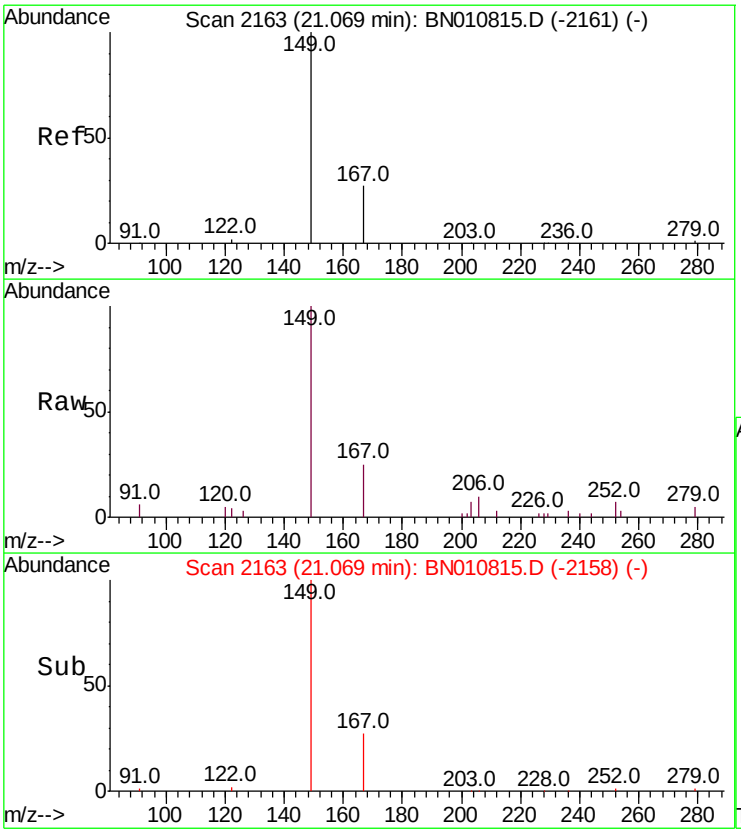
#31
Chrysene
Concen: 0.445 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 9712

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.1	16.1	24.1

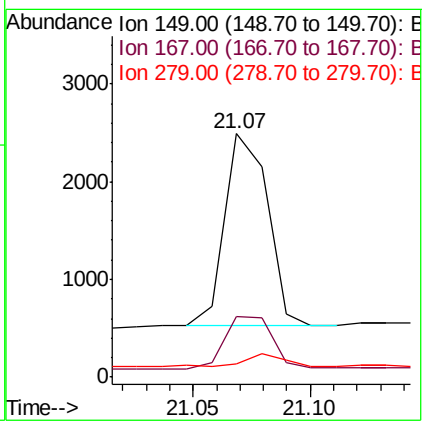


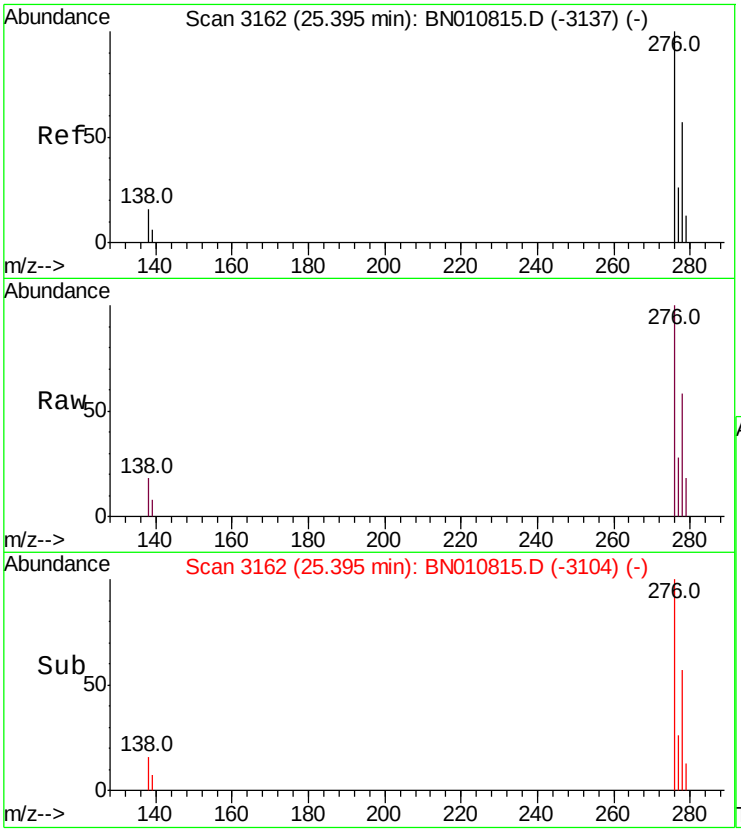


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:149 Resp: 2510

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	5.8	4.6	7.0



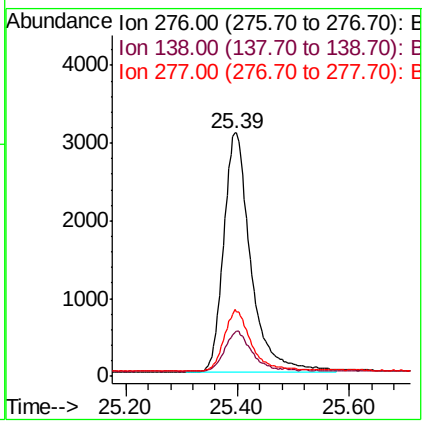


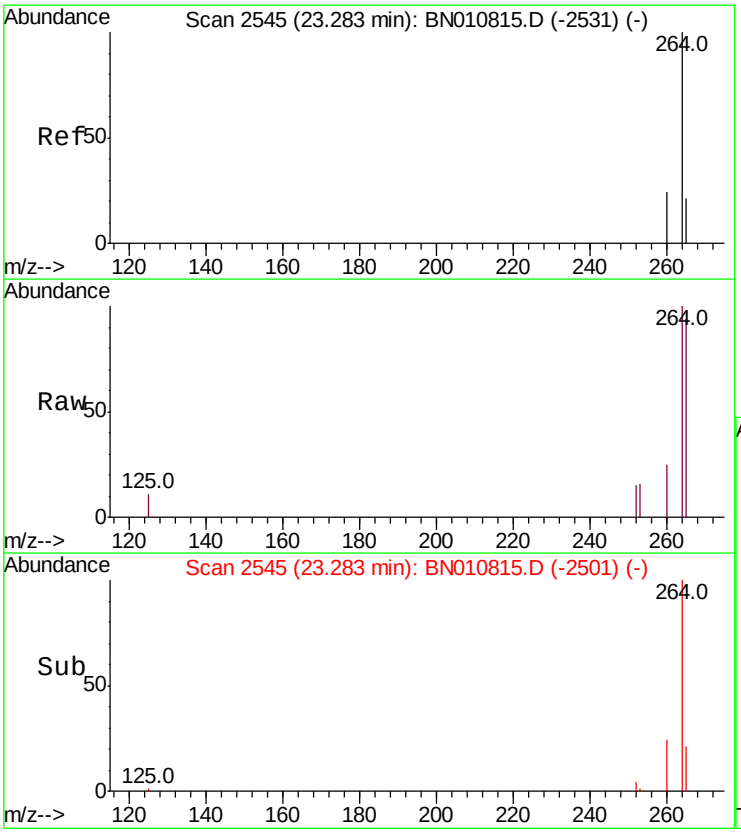
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 25.39 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 10487

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.0	19.6
277	24.6	19.7	29.5

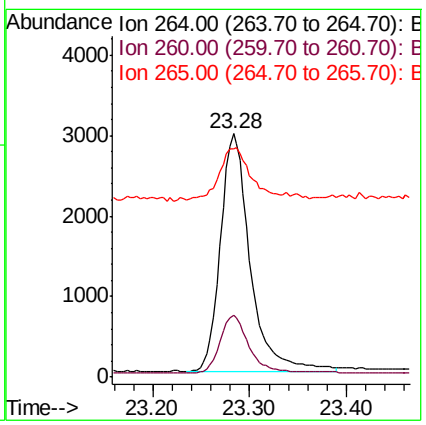


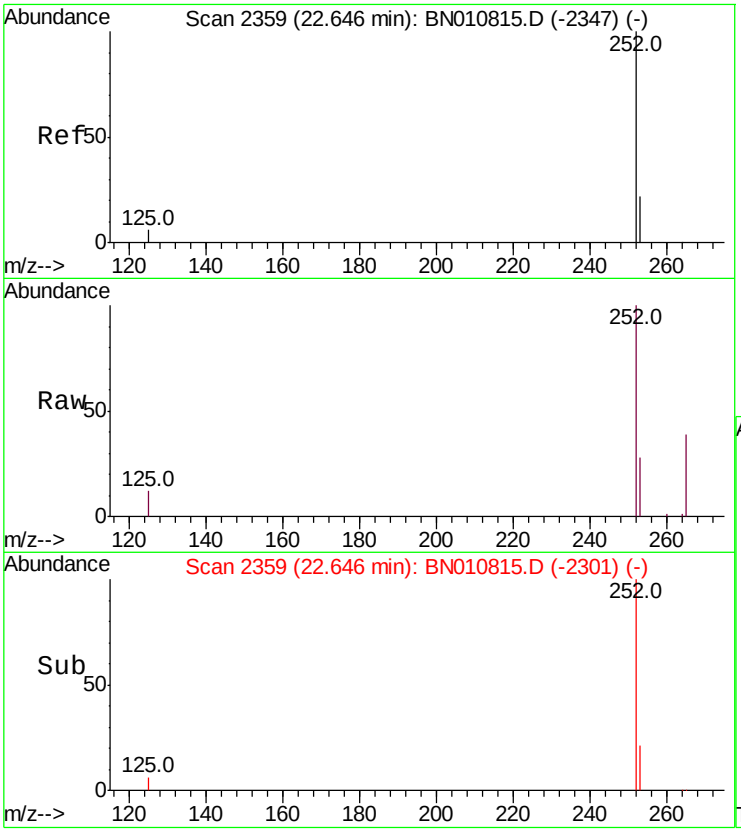


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:264 Resp: 6282

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	93.7	75.0	112.4



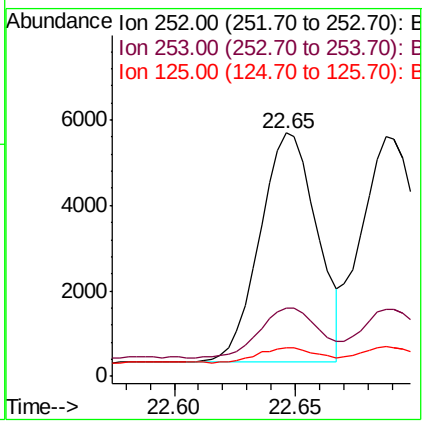


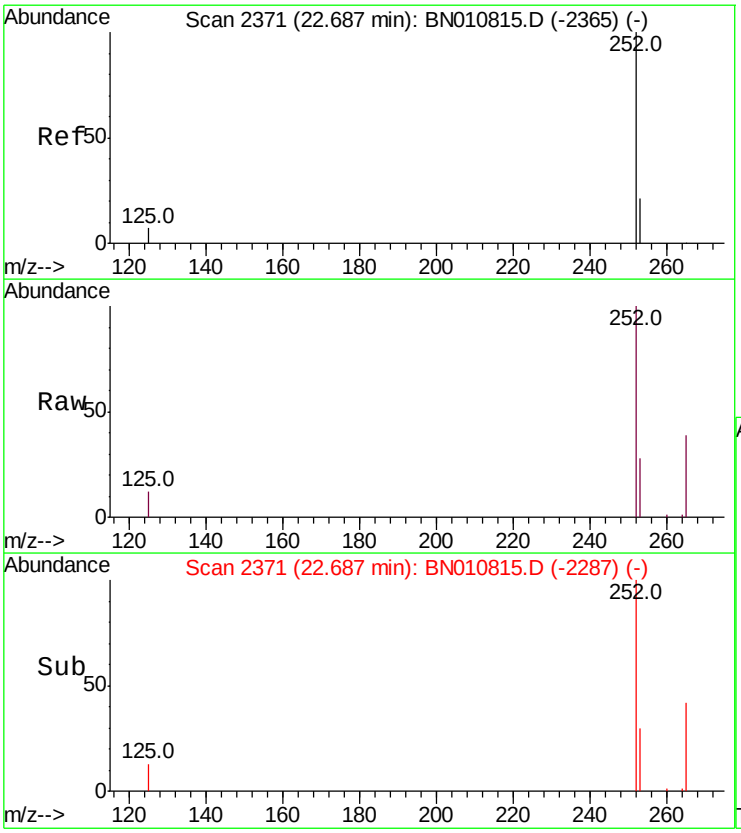
#35
Benzo(b)fluoranthene
Concen: 0.432 ng
RT: 22.65 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 8842

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.4	33.6
125	11.7	9.4	14.0

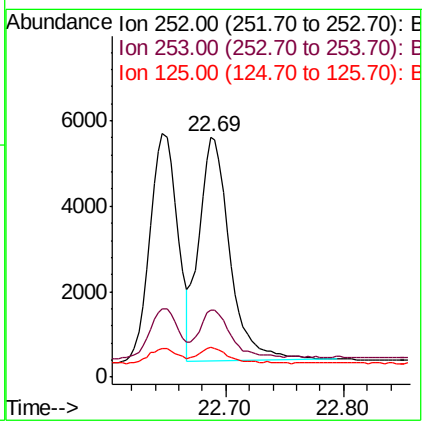


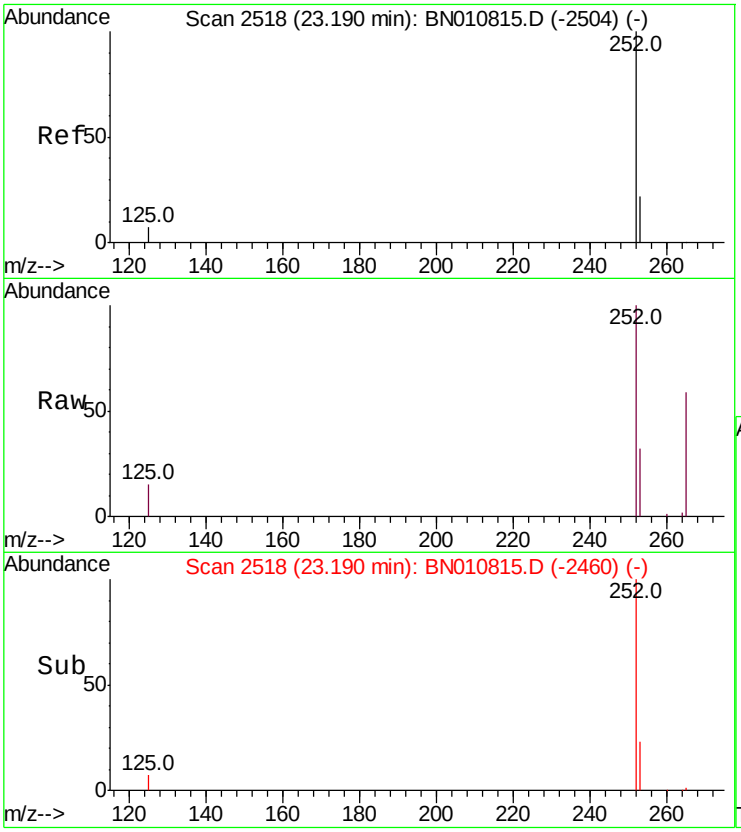


#36
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:252 Resp: 9576

Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.2	33.4
125	12.3	9.8	14.8



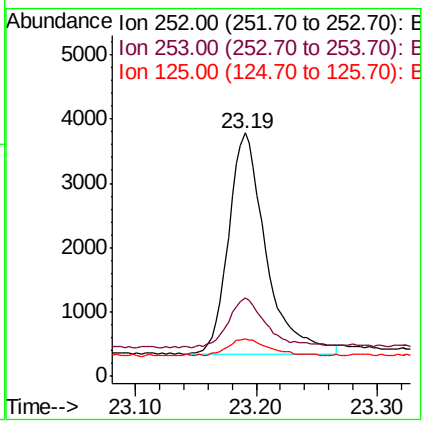


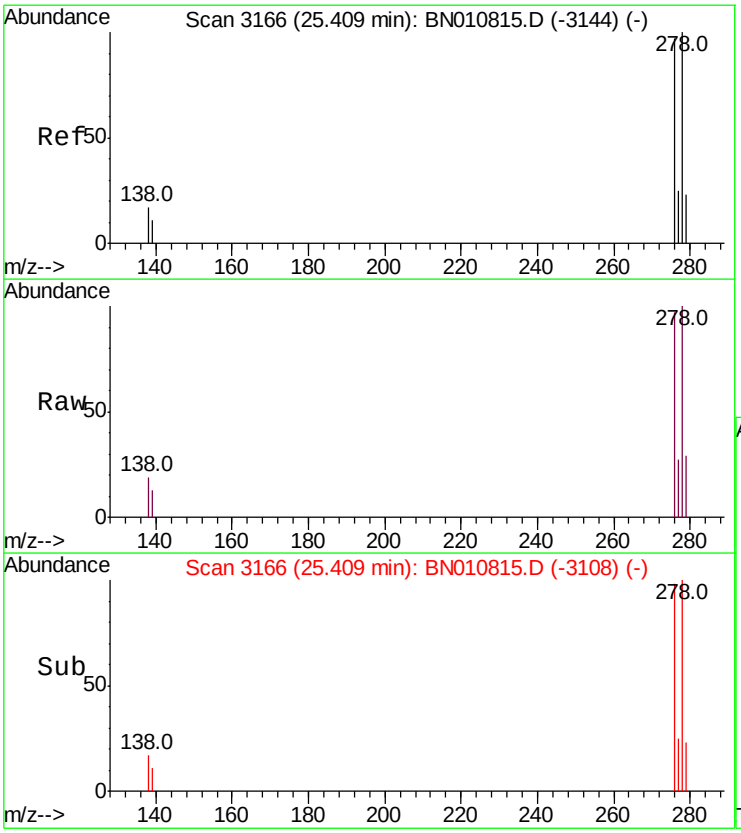
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 7357

Ion	Ratio	Lower	Upper
252	100		
253	32.3	25.8	38.8
125	15.5	12.4	18.6

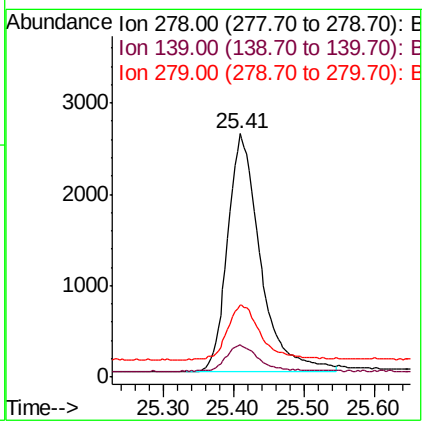


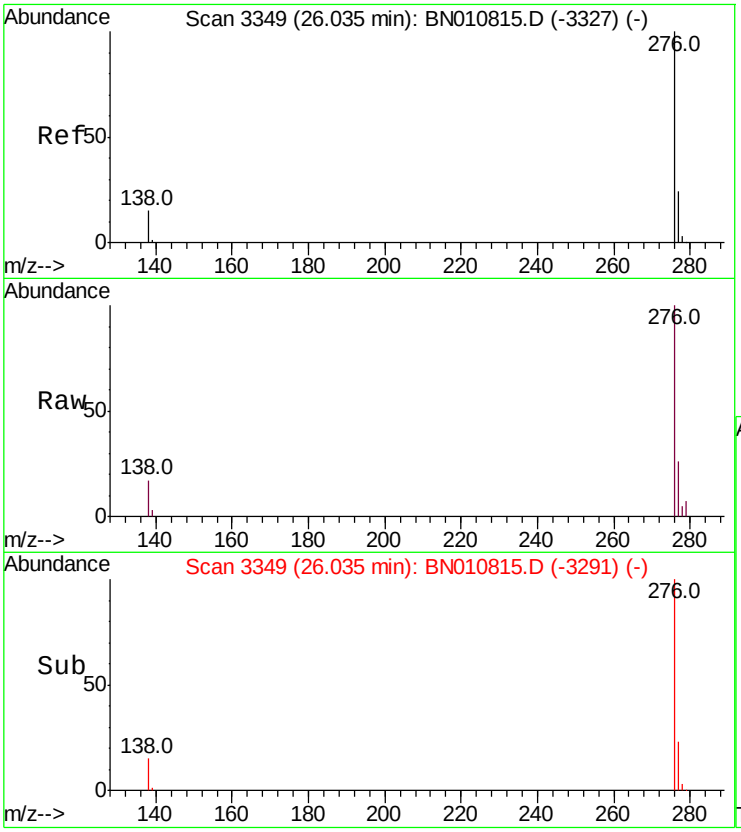


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:278 Resp: 8504

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.6	15.8
279	29.5	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.437 ng
RT: 26.03 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 9292

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.5	30.7
138	17.1	13.7	20.5