Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008891.D
Acq On : 09 Dec 2019 13:55
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Dec 09 15:15:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 15:08:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2604	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	10920	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	7979	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	18681	0.40	ng		0.00
27) Chrysene-d12	21.13	240	18913	0.40	ng		0.00
34) Perylene-d12	23.28	264	18951	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2865	0.41	ng		0.00
5) Phenol-d6	6.75	99	3894	0.41	ng		0.00
8) Nitrobenzene-d5	8.69	82	3842	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	8332	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1592	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	12921	0.43	ng		0.00
25) Fluoranthene-d10	18.97	212	24160	0.43	ng		0.00
29) Terphenyl-d14	19.58	244	19106	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1155	0.462	ng		100
3) n-Nitrosodimethylamine	3.51	42	1304	0.377	ng	#	100
6) bis(2-Chloroethyl)ether	7.00	93	3841	0.445	ng		100
9) Naphthalene	10.37	128	13339	0.458	ng		100
10) Hexachlorobutadiene	10.67	225	2549	0.444	ng	#	100
12) 2-Methylnaphthalene	11.99	142	10063	0.469	ng		100
16) Acenaphthylene	13.90	152	16206	0.435	ng		100
17) Acenaphthene	14.25	154	10917	0.462	ng		100
18) Fluorene	15.24	166	14807	0.473	ng		100
20) 4-Bromophenyl-phenylether	16.14	248	4859	0.444	ng		100
21) Hexachlorobenzene	16.25	284	5573	0.442	ng		100
22) Pentachlorophenol	16.59	266	1783	0.353	ng		100
23) Phenanthrene	16.97	178	25819	0.453	ng		100
24) Anthracene	17.06	178	22331	0.427	ng		100
26) Fluoranthene	19.00	202	30574	0.445	ng		100
28) Pyrene	19.36	202	30904	0.468	ng		100
30) Benzo(a)anthracene	21.12	228	30441	0.445	ng		100
31) Chrysene	21.17	228	32459	0.489	ng		100
32) Bis(2-ethylhexyl)phthalate	21.08	149	12561	0.276	ng		100
33) Indeno(1,2,3-cd)pyrene	25.39	276	30653	0.374	ng		100
35) Benzo(b)fluoranthene	22.65	252	31690	0.503	ng		100
36) Benzo(k)fluoranthene	22.69	252	31131	0.503	ng		100
37) Benzo(a)pyrene	23.19	252	27492	0.463	ng		100
38) Dibenzo(a,h)anthracene	25.41	278	24884	0.410	ng		100
39) Benzo(g,h,i)perylene	26.03	276	25012	0.407	ng		100

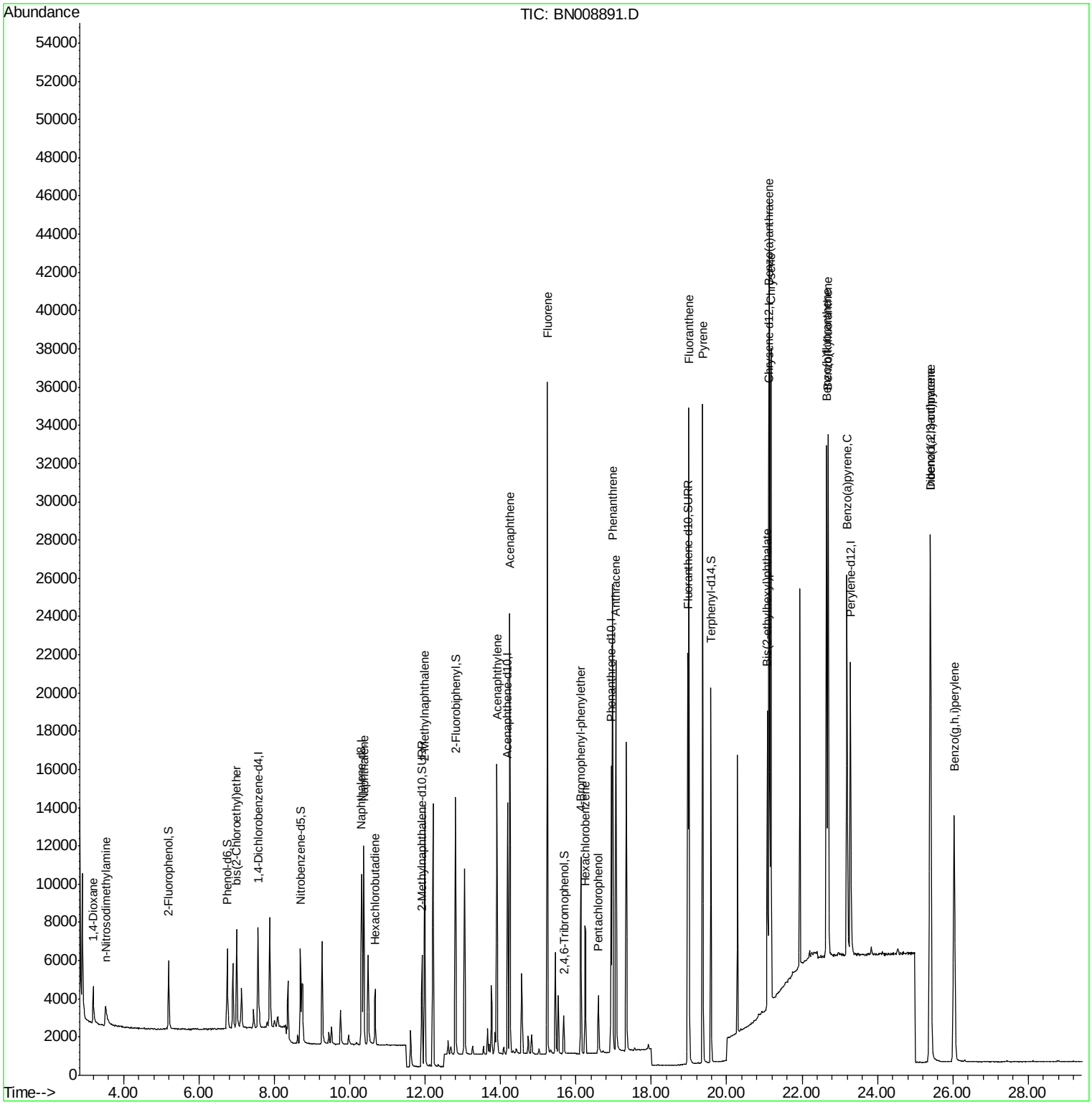
(#) = qualifier out of range (m) = manual integration (+) = signals summed

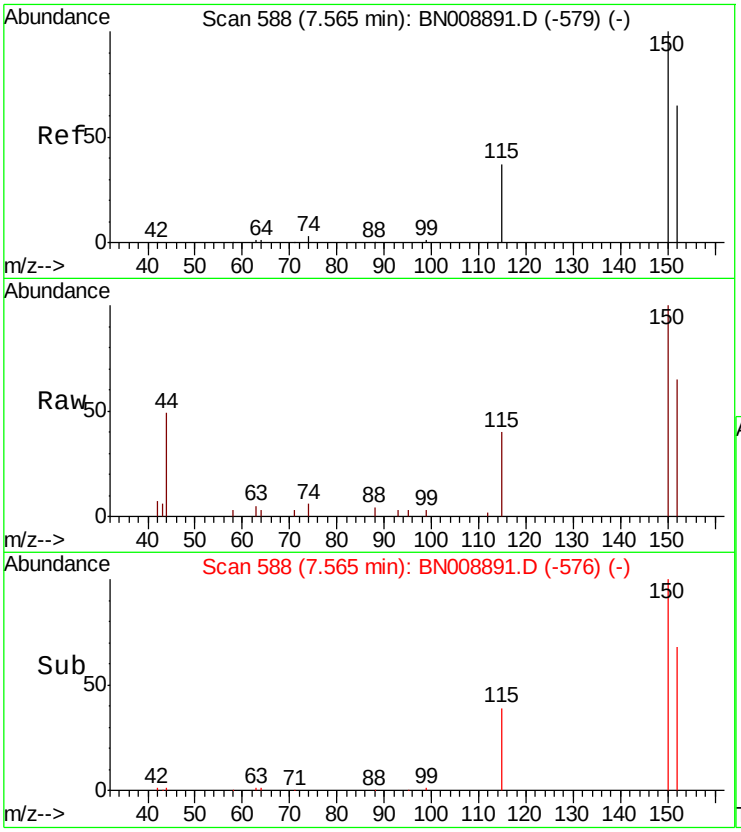
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008891.D
Acq On : 09 Dec 2019 13:55
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Dec 09 15:15:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 15:08:19 2019
Response via : Initial Calibration



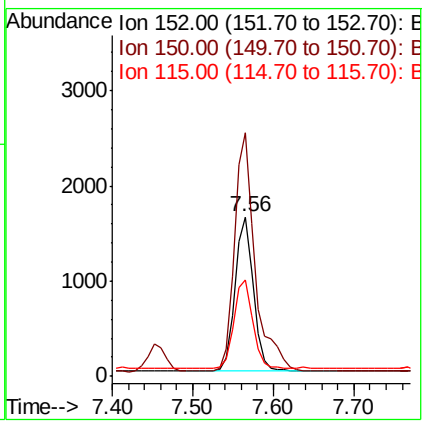


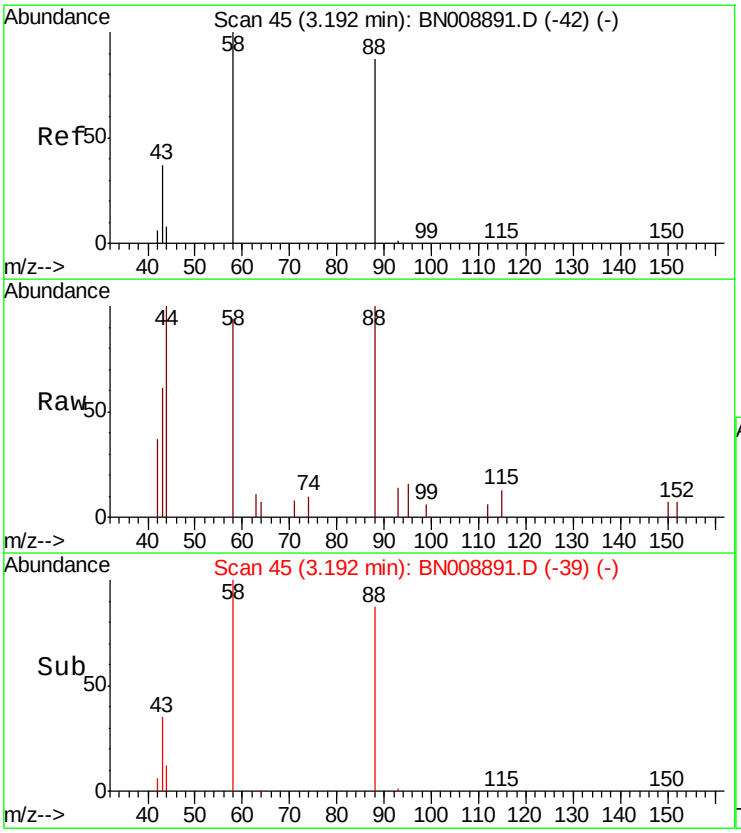
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2604

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.3	183.5
115	60.5	48.4	72.6

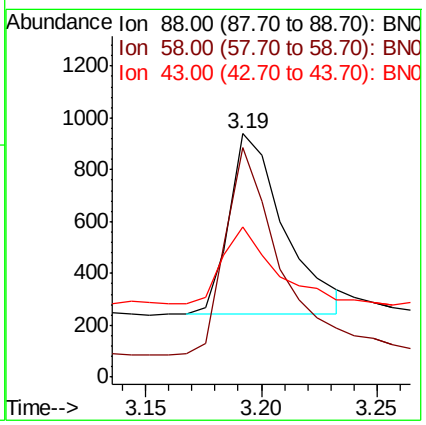


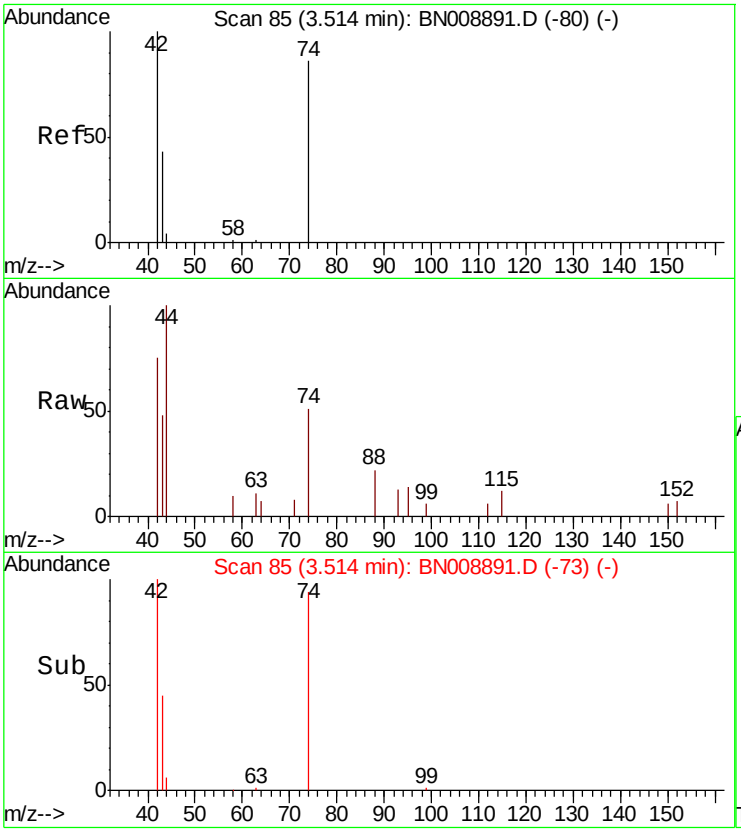


#2
1,4-Dioxane
Concen: 0.462 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion: 88 Resp: 1155

Ion	Ratio	Lower	Upper
88	100		
58	110.7	88.6	132.8
43	39.8	31.8	47.8



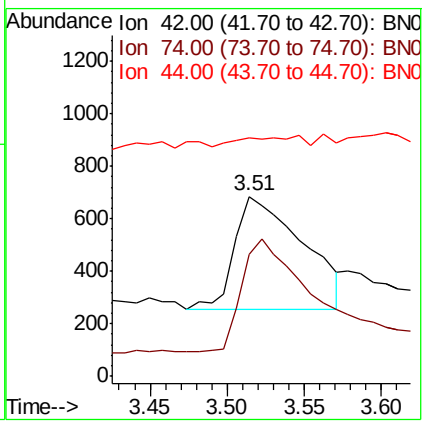


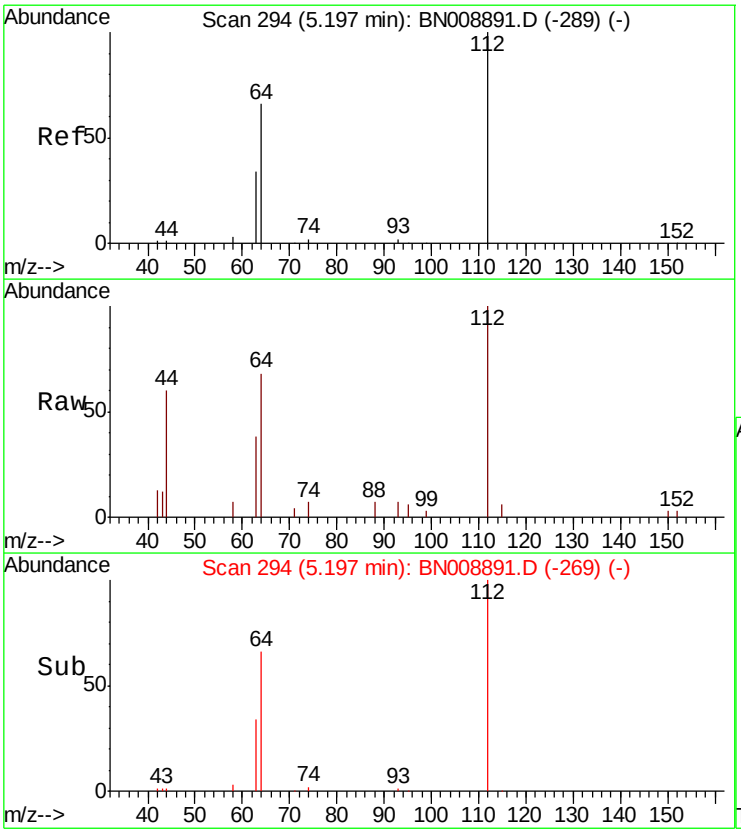
#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.51 min Scan# 85
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1304

Ion	Ratio	Lower	Upper
42	100		
74	98.2	78.6	117.8
44	0.0	0.0	0.0

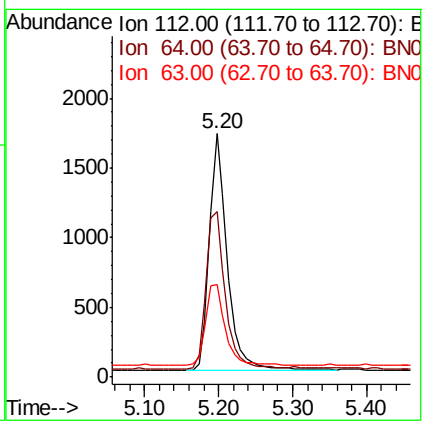


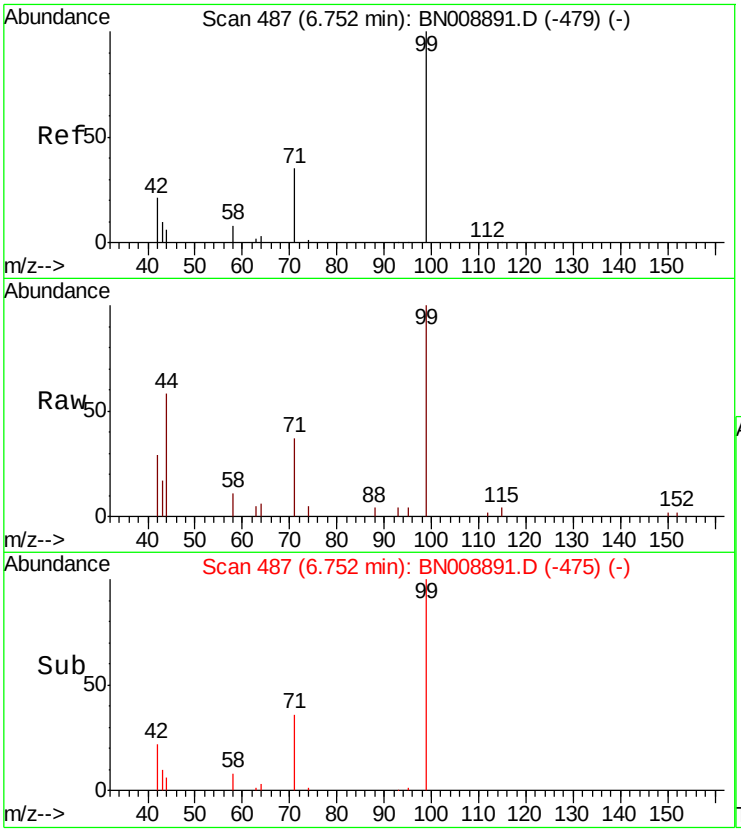


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:112 Resp: 2865

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.7	86.5
63	37.0	29.6	44.4



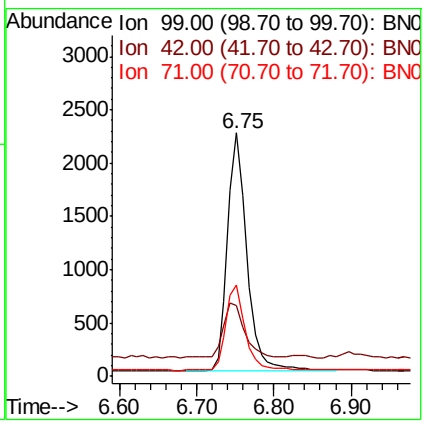


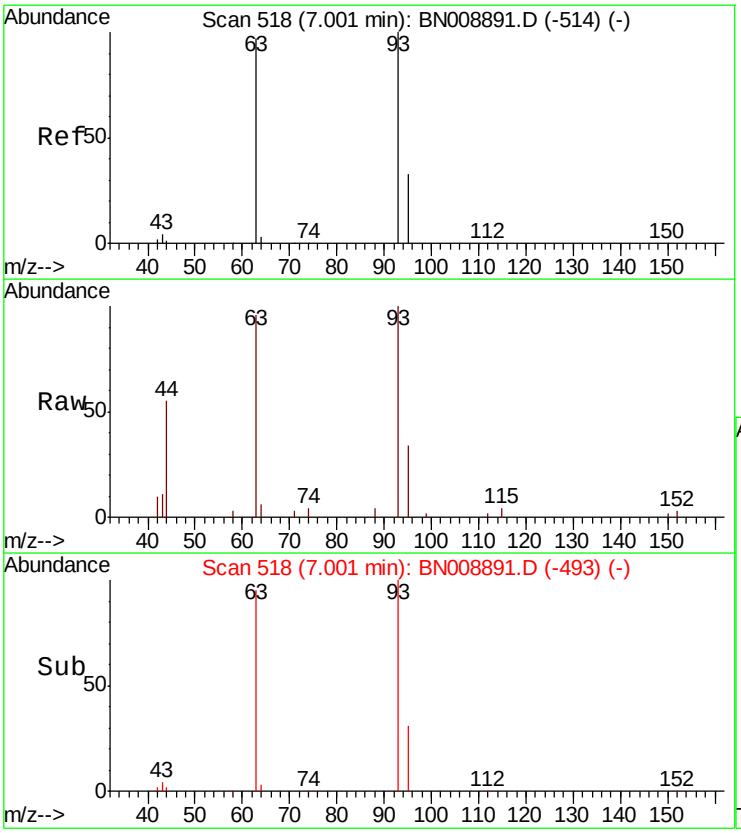
#5
Phenol-d6
Concen: 0.405 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3894

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.1	30.1
71	35.2	28.2	42.2

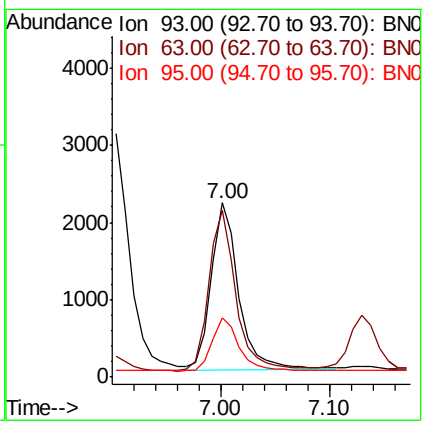


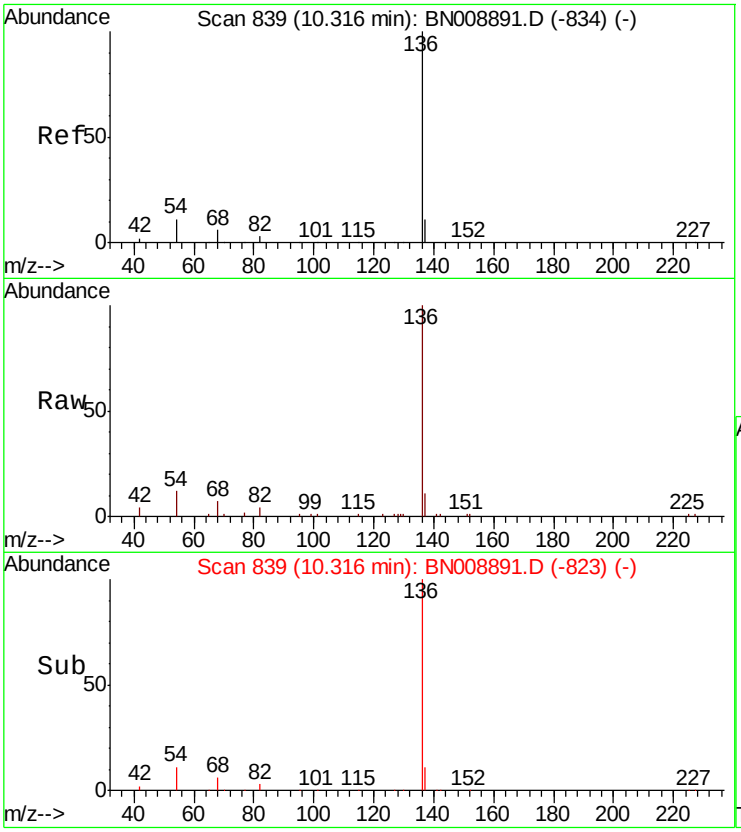


#6
bis(2-Chloroethyl)ether
Concen: 0.445 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion: 93 Resp: 3841

Ion	Ratio	Lower	Upper
93	100		
63	91.9	73.5	110.3
95	32.5	26.0	39.0



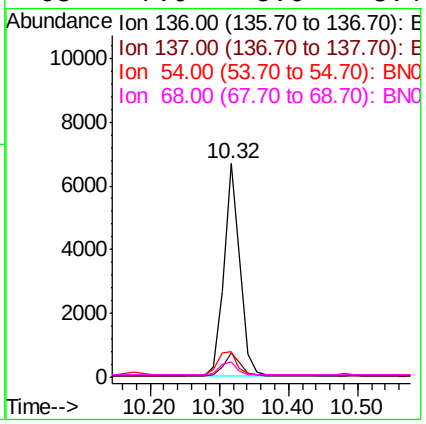


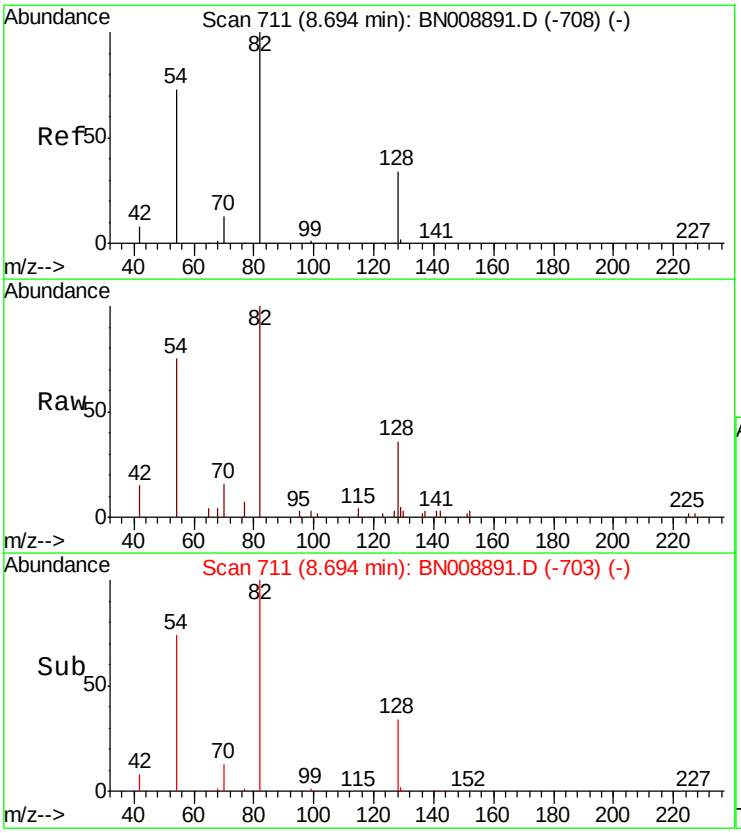
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 10920

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	12.0	9.6	14.4
68	7.0	5.6	8.4

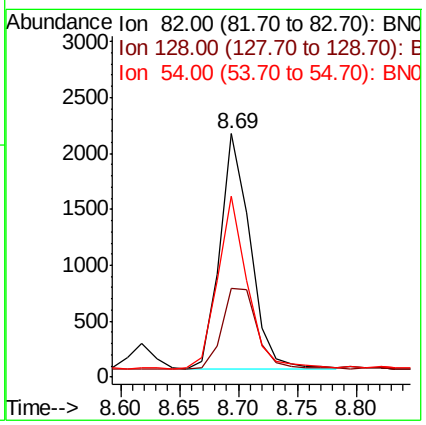


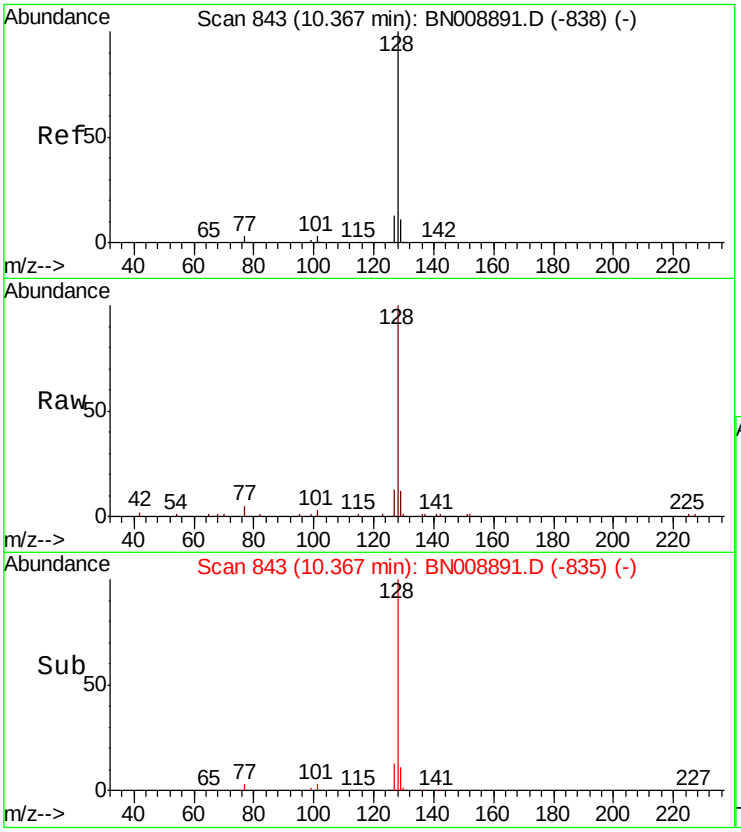


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion: 82 Resp: 3842

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.1	43.7
54	74.6	59.7	89.5



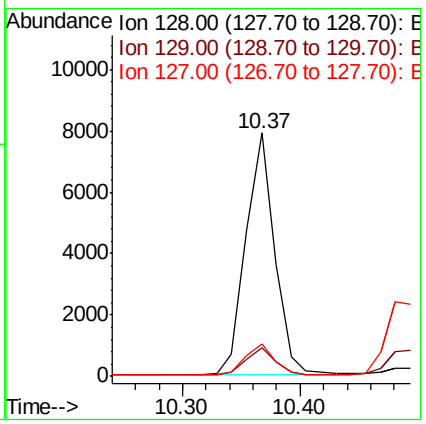


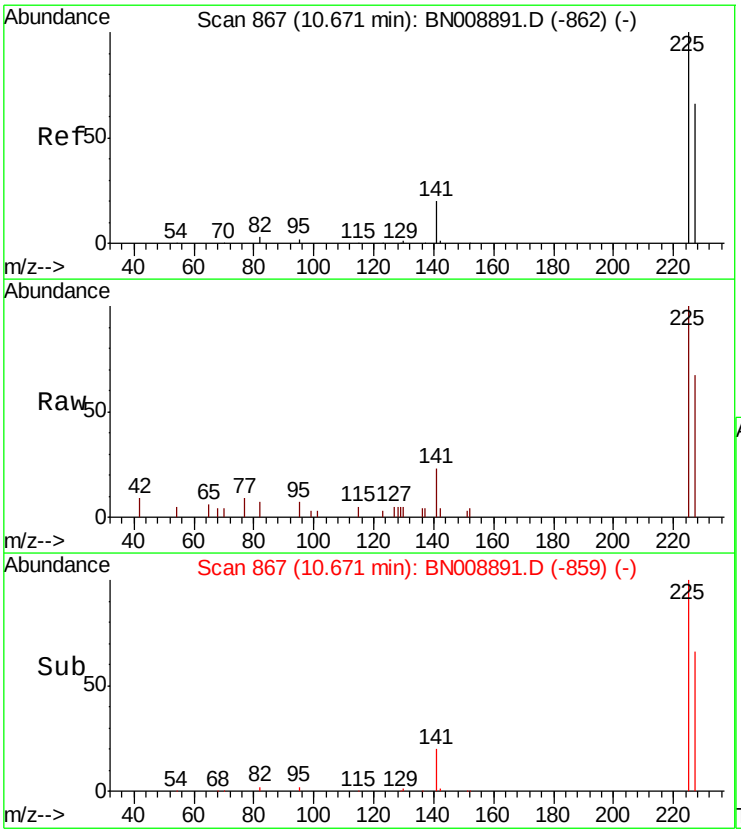
#9
Naphthalene
Concen: 0.458 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 13339

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.5	10.8	16.2

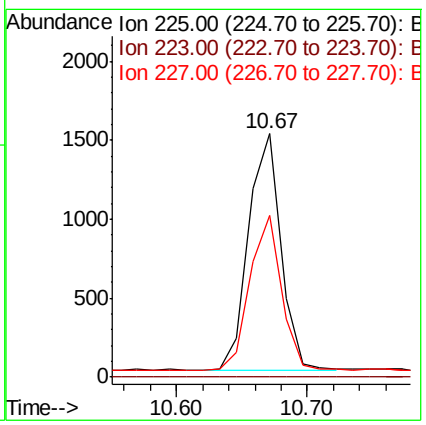


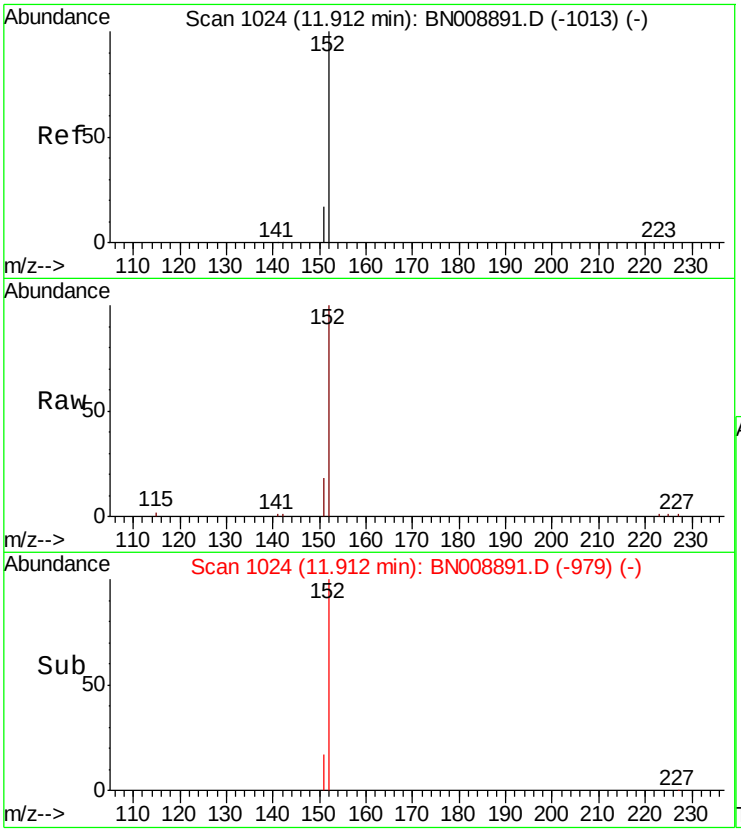


#10
Hexachlorobutadiene
Concen: 0.444 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:225 Resp: 2549

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.4	77.2



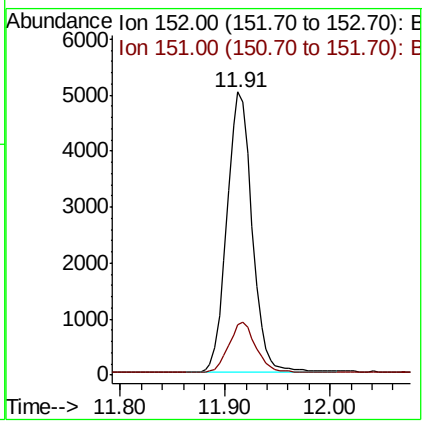


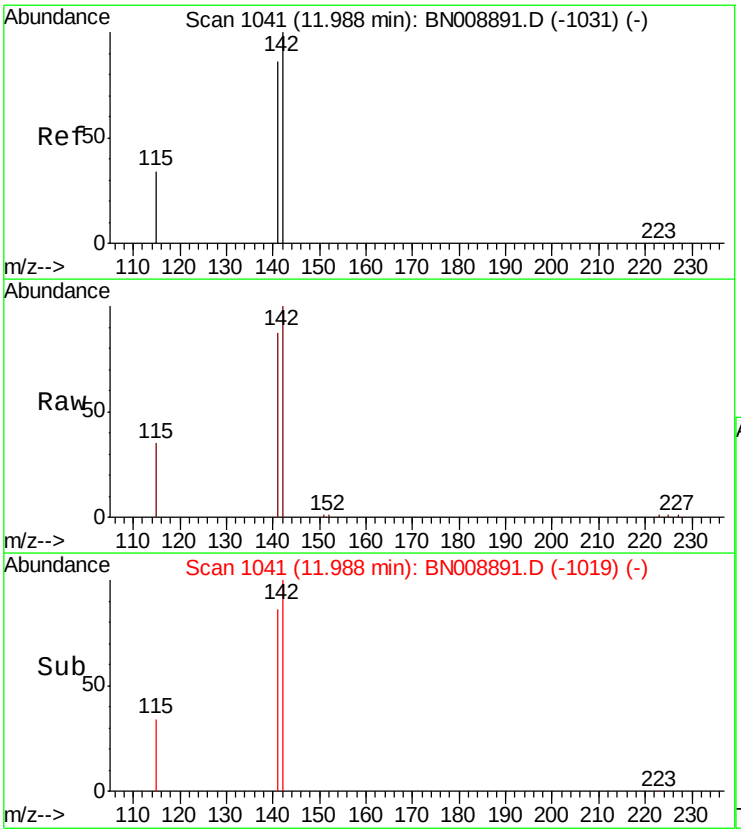
#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8332

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

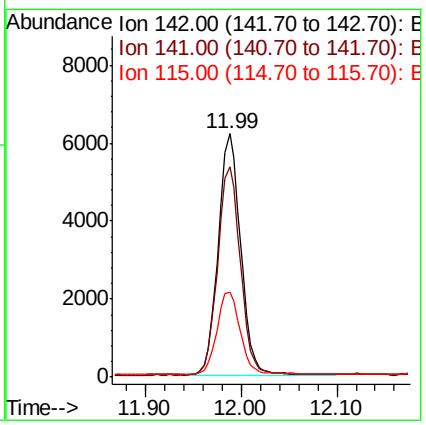


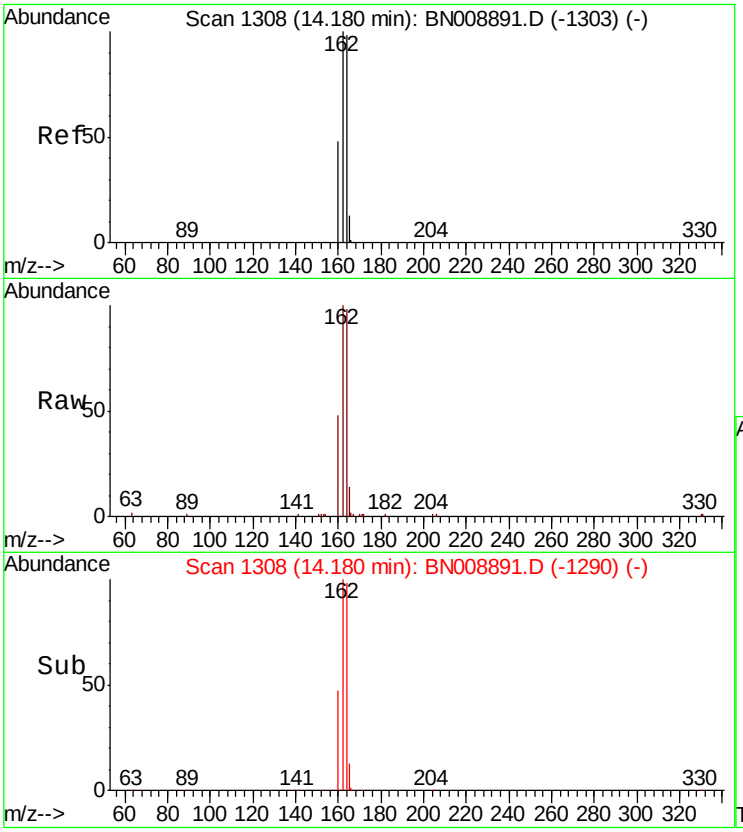


#12
2-Methylnaphthalene
Concen: 0.469 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:142 Resp: 10063

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.3	103.9
115	34.9	27.9	41.9



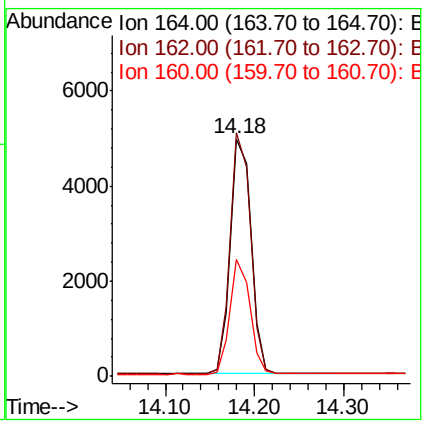


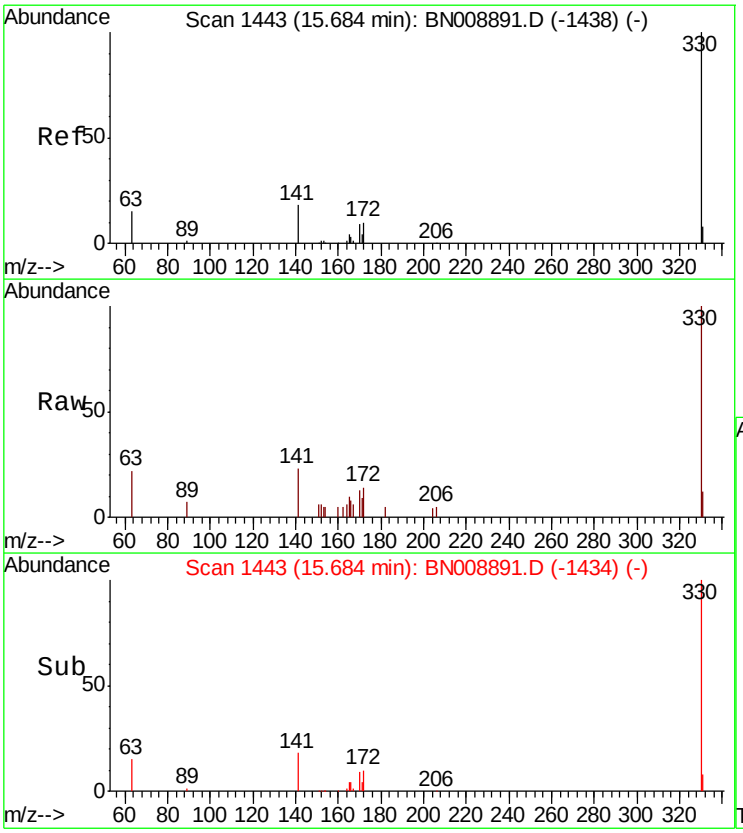
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 7979

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.9	122.9
160	49.1	39.3	58.9

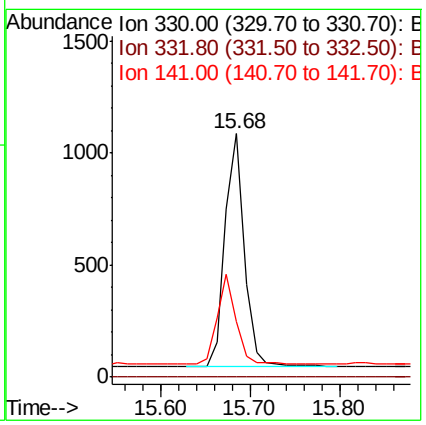


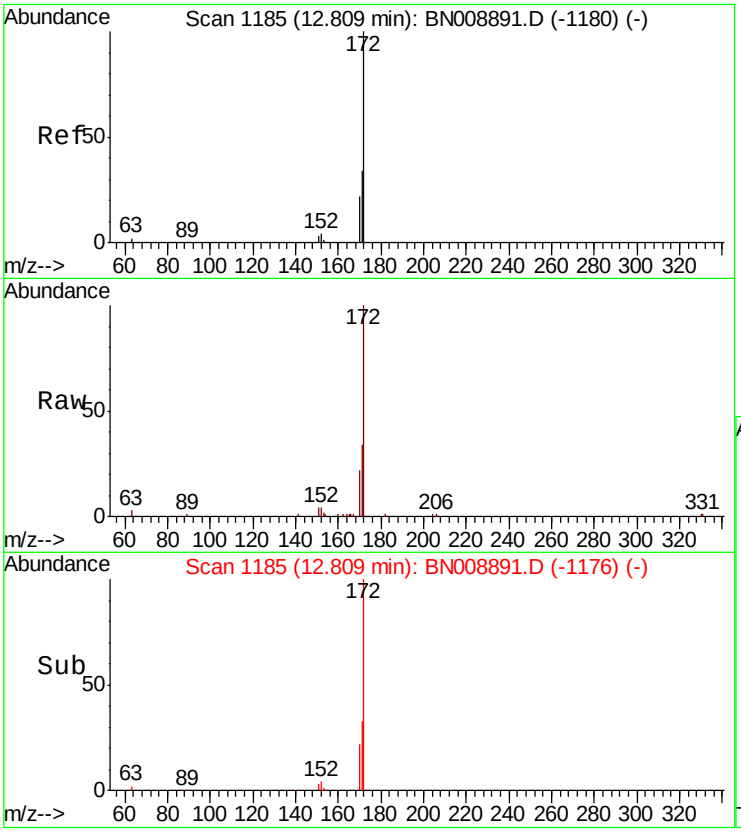


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:330 Resp: 1592

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.0	29.6	44.4



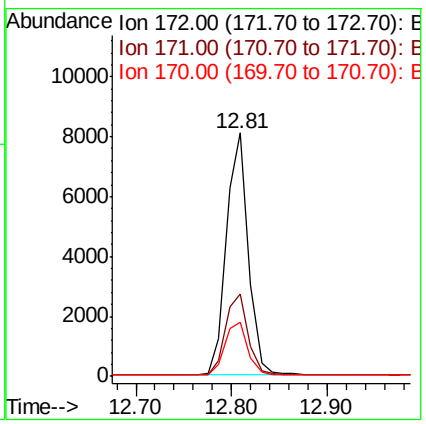


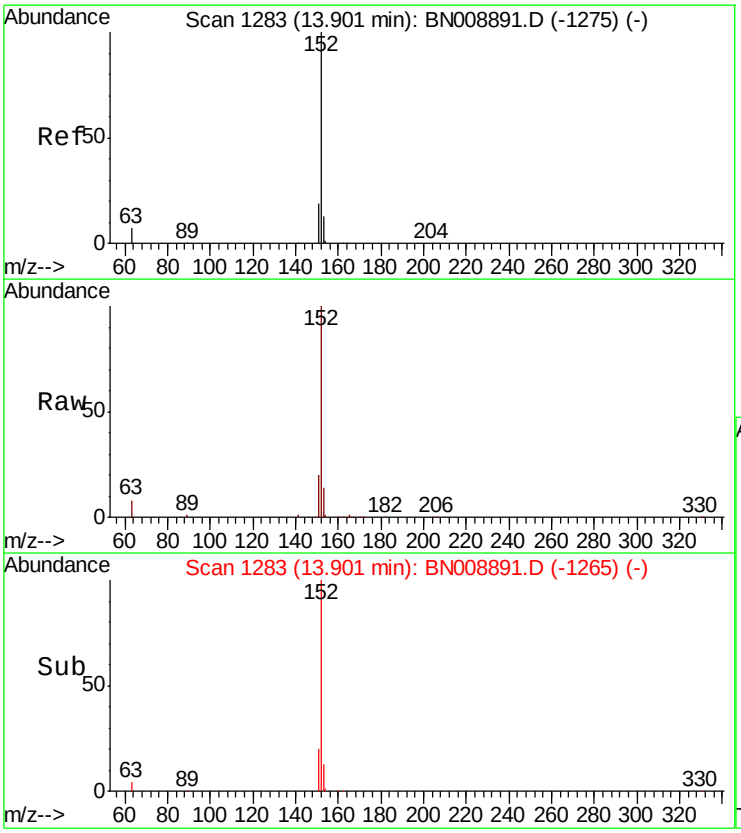
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 12921

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.1	40.7
170	22.1	17.7	26.5

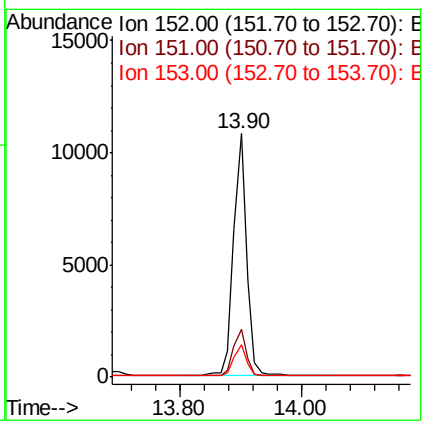


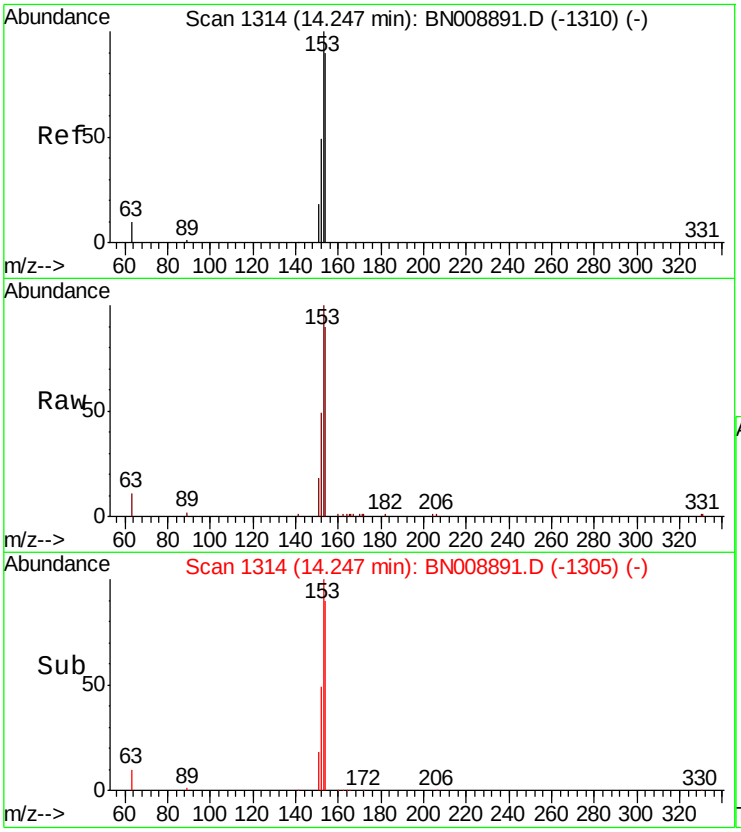


#16
Acenaphthylene
Concen: 0.435 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:152 Resp: 16206

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	12.9	10.3	15.5



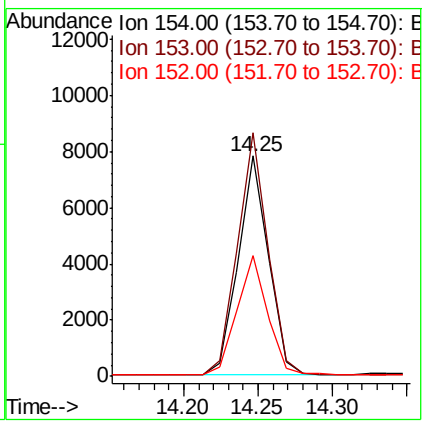


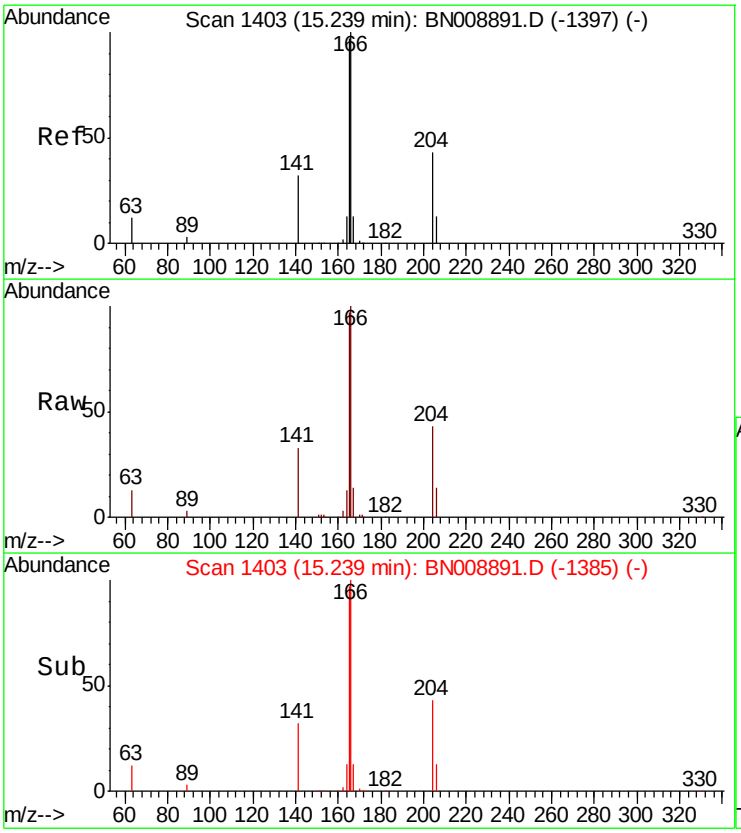
#17
Acenaphthene
Concen: 0.462 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 10917

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	55.3	44.2	66.4

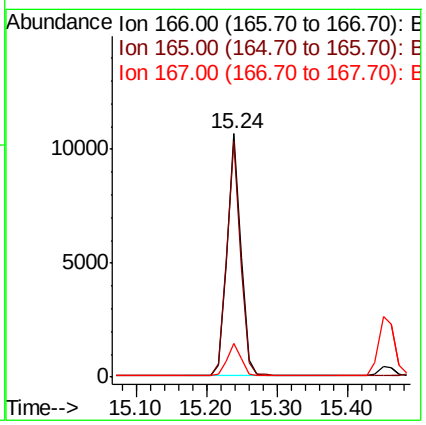


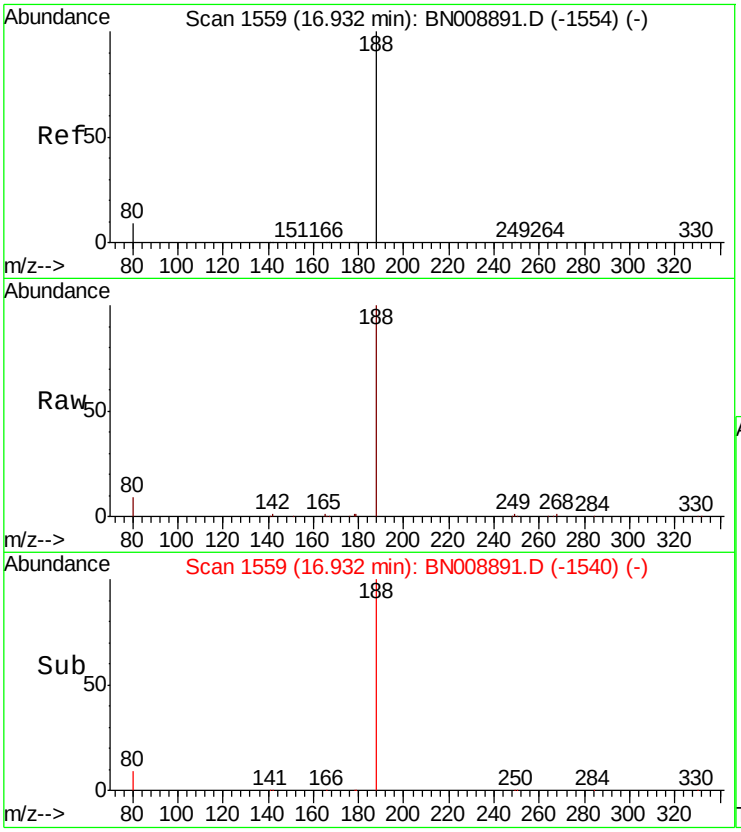


#18
Fluorene
Concen: 0.473 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:166 Resp: 14807

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	13.5	10.8	16.2



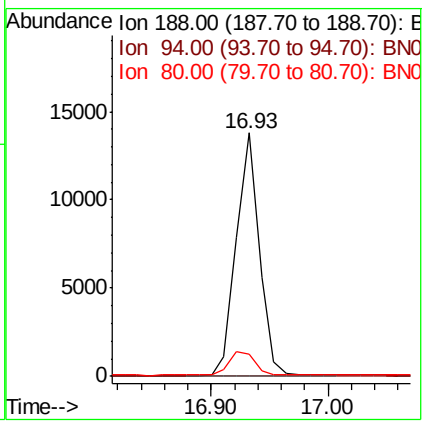


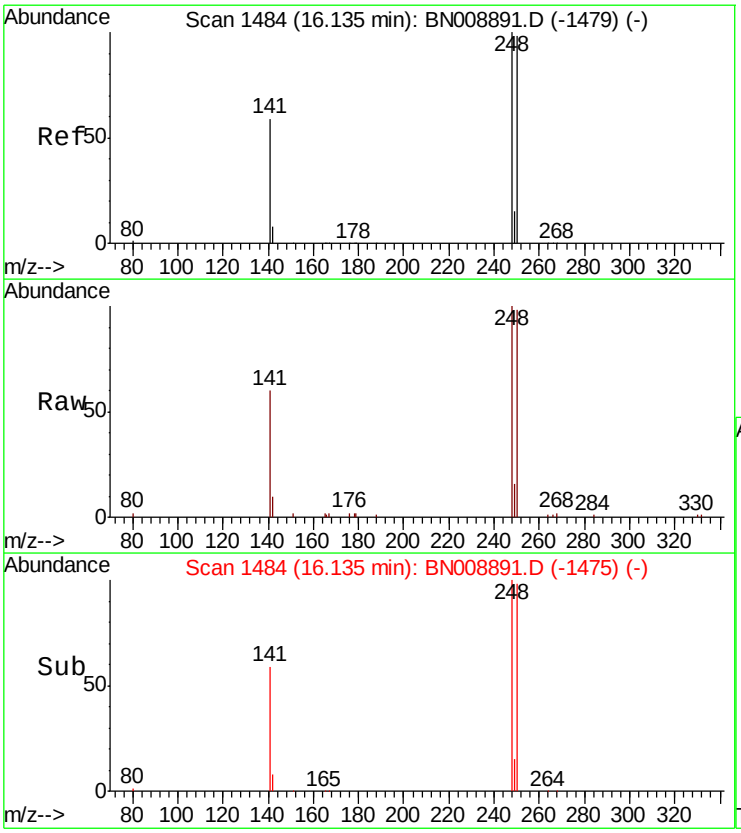
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 18681

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.3	10.9

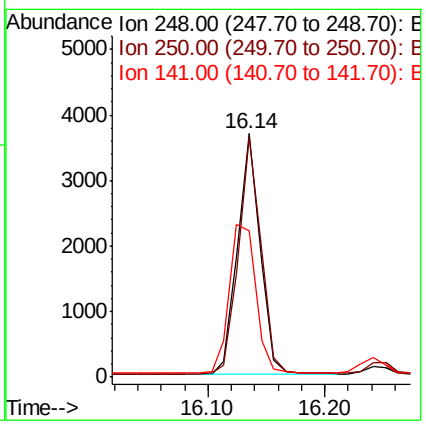


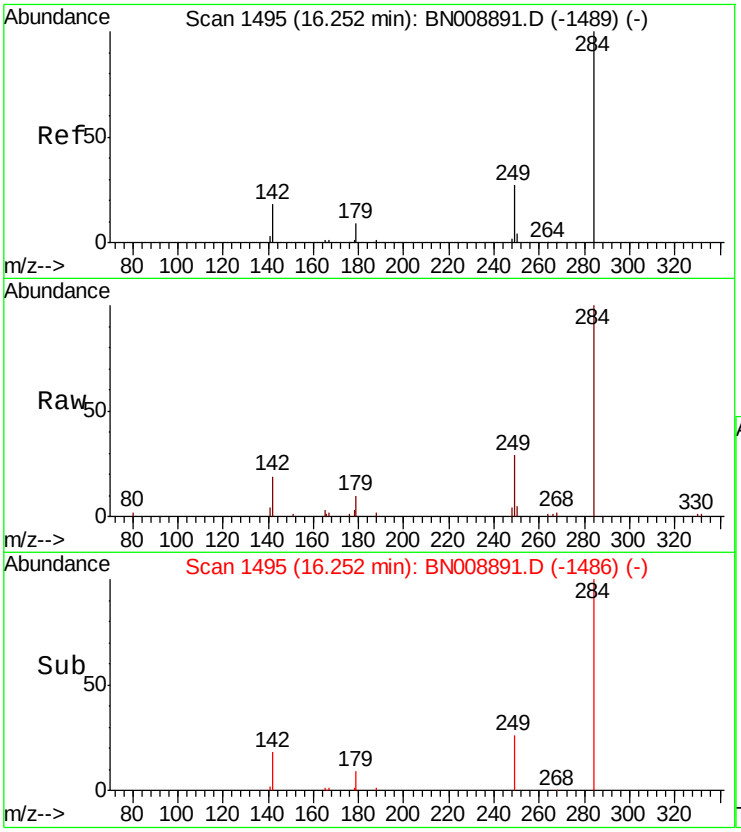


#20
4-Bromophenyl-phenylether
Concen: 0.444 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:248 Resp: 4859

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.7	118.1
141	59.9	47.9	71.9



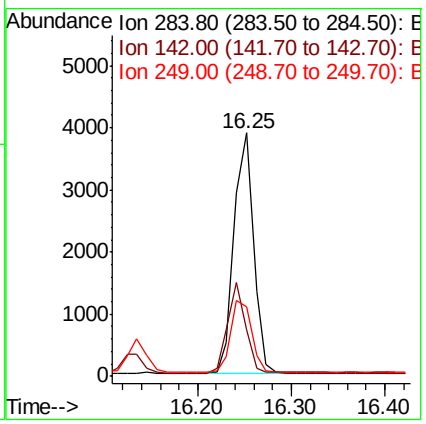


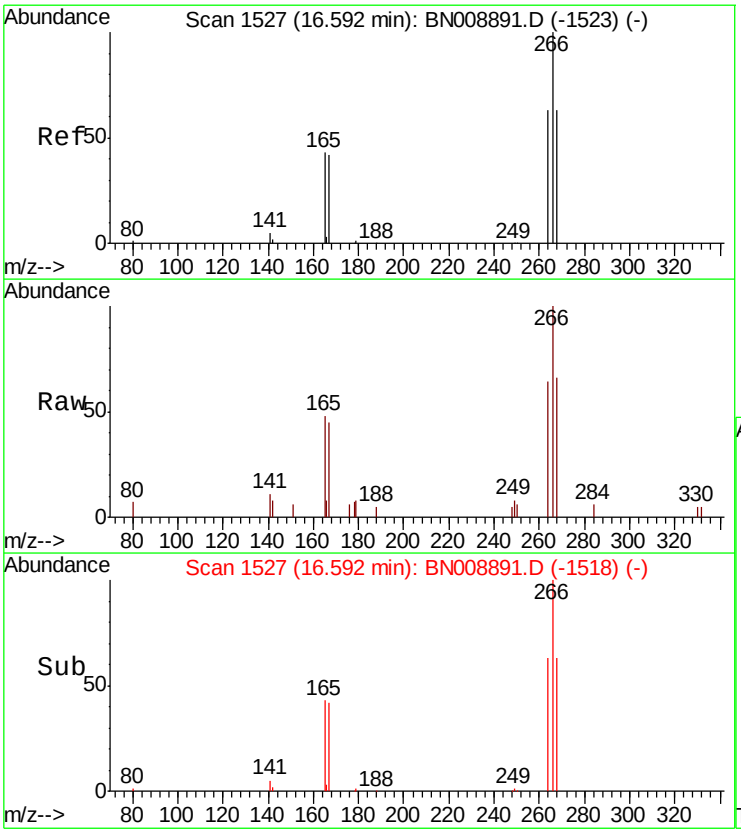
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 5573

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.8	41.6
249	31.6	25.3	37.9

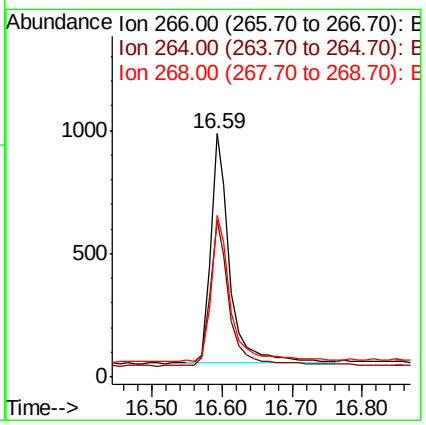


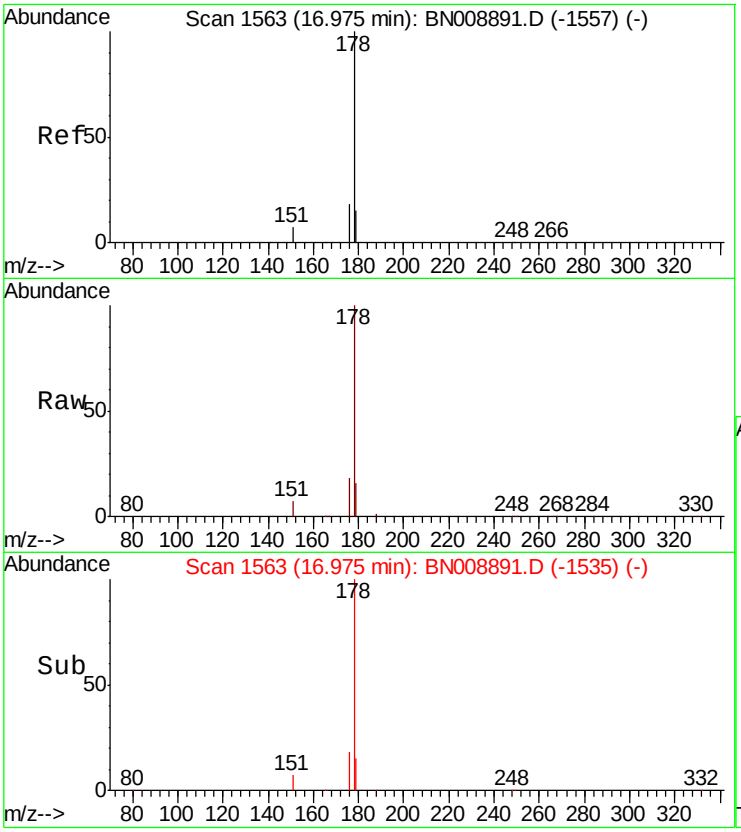


#22
Pentachlorophenol
Concen: 0.353 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:266 Resp: 1783

Ion	Ratio	Lower	Upper
266	100		
264	64.4	51.5	77.3
268	66.4	53.1	79.7



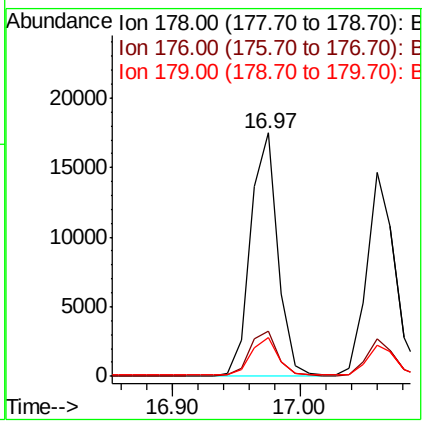


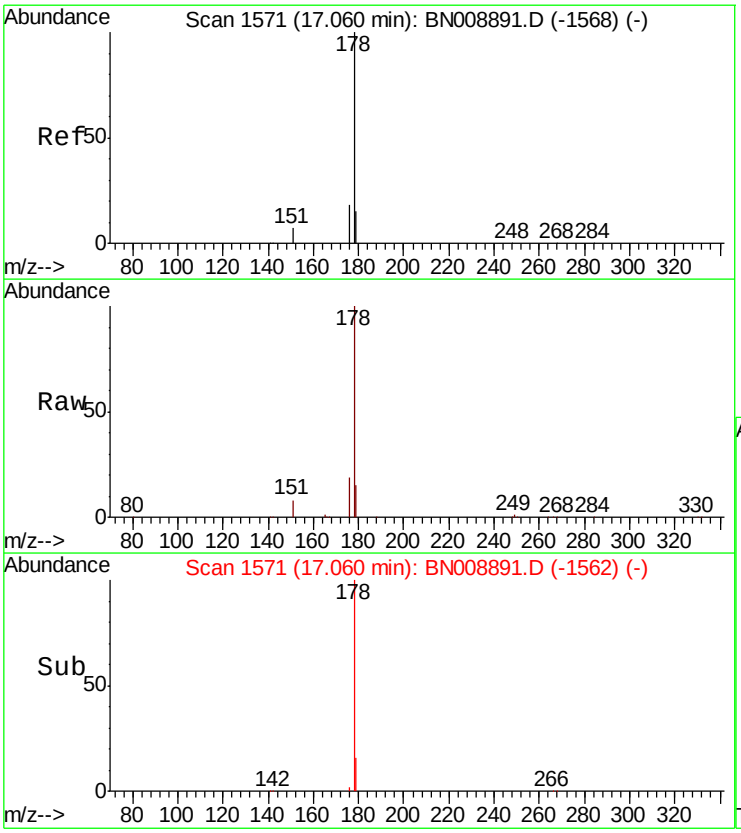
#23
Phenanthrene
Concen: 0.453 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 25819

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.3	18.5

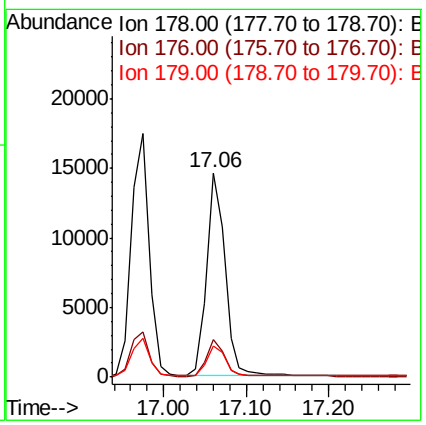


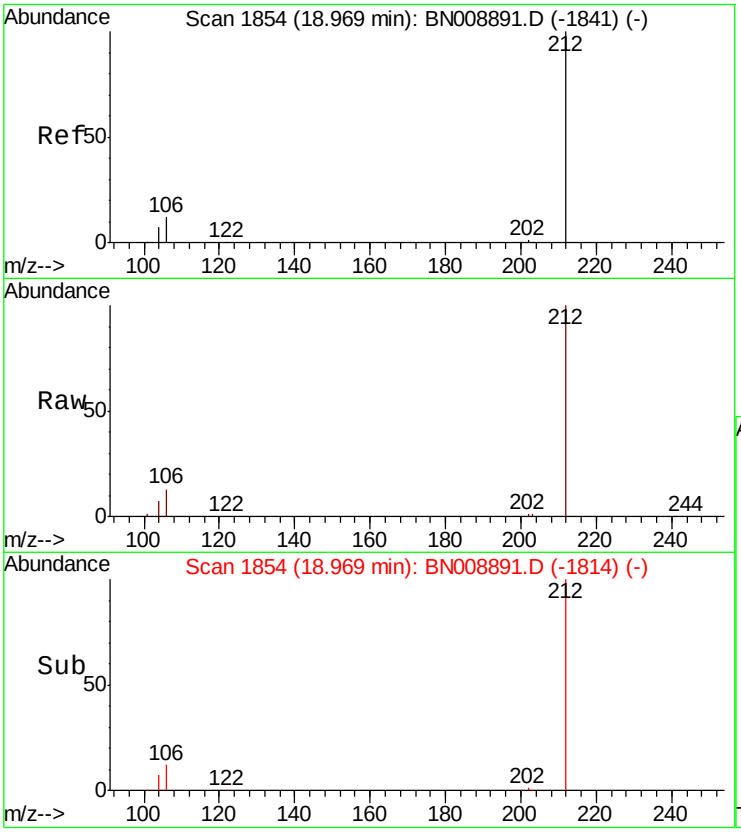


#24
Anthracene
Concen: 0.427 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:178 Resp: 22331

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.1	12.1	18.1



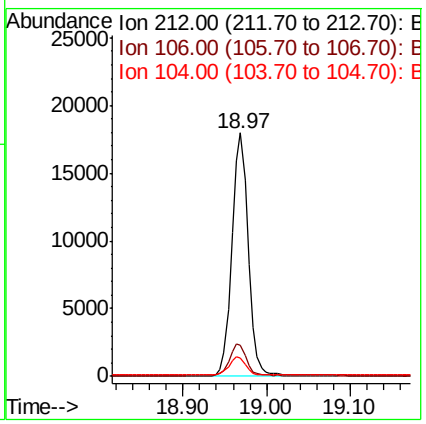


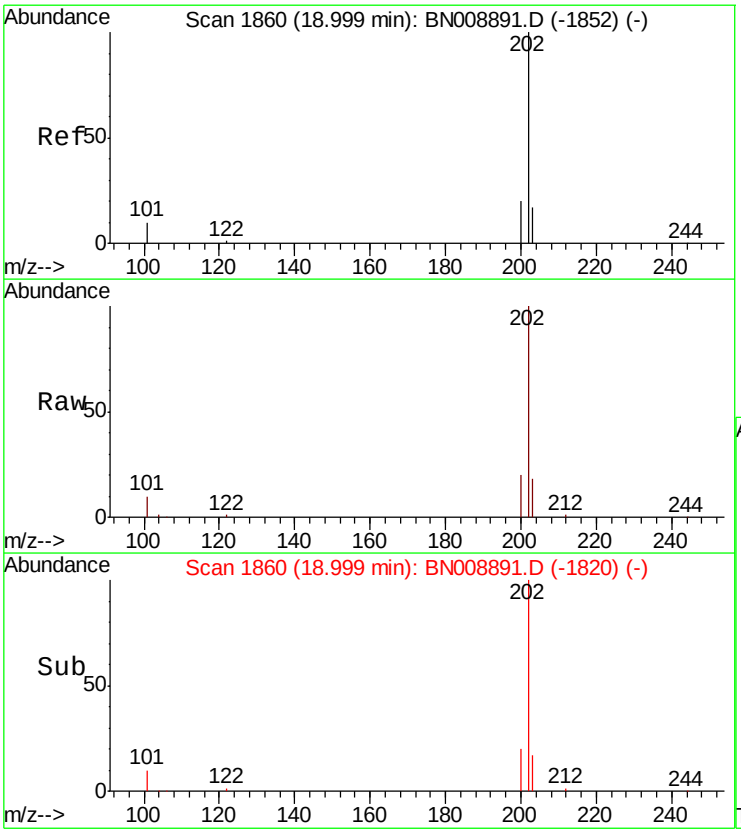
#25
Fluoranthene-d10
Concen: 0.427 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 24160

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.4	15.6
104	7.4	5.9	8.9

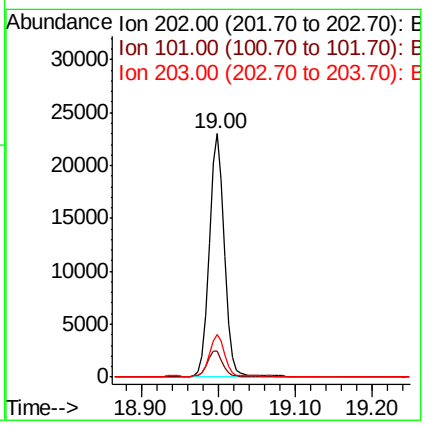


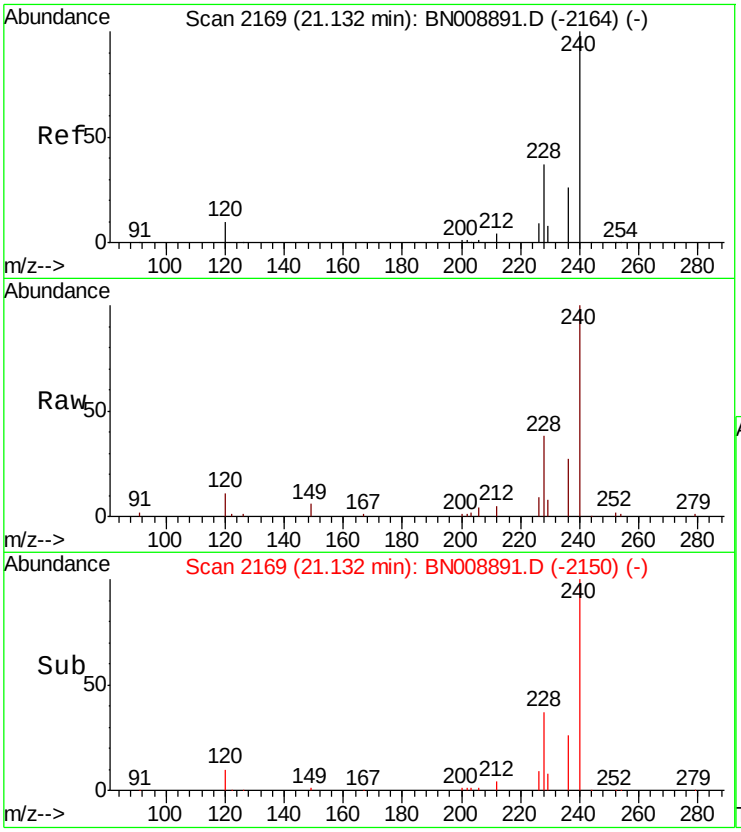


#26
Fluoranthene
Concen: 0.445 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:202 Resp: 30574

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.2	13.8	20.6



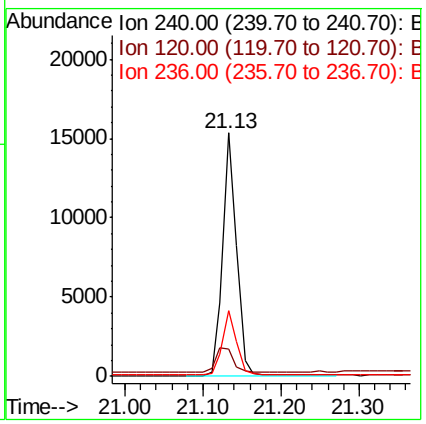


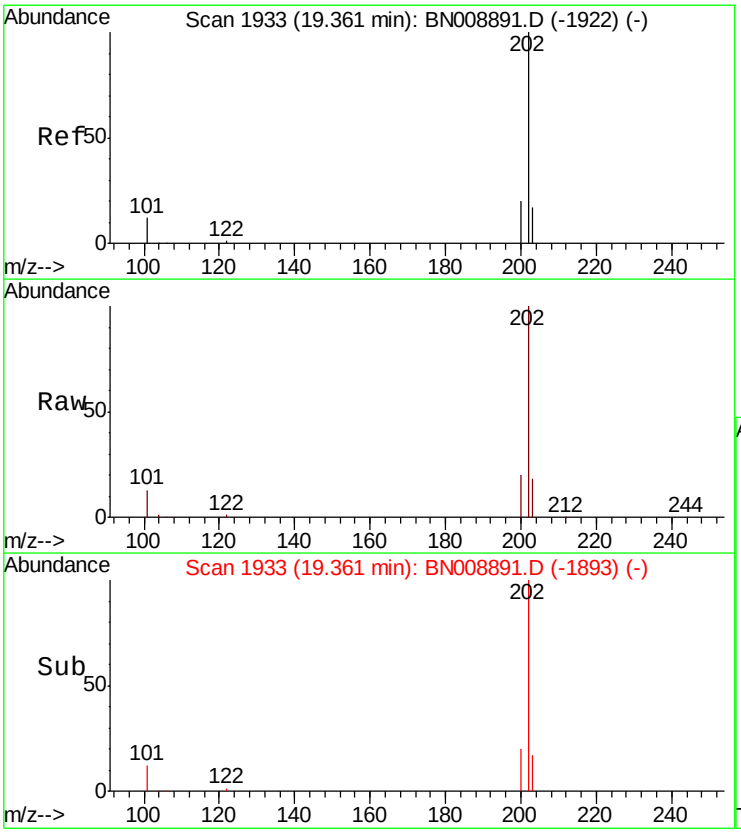
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 18913

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	26.9	21.5	32.3

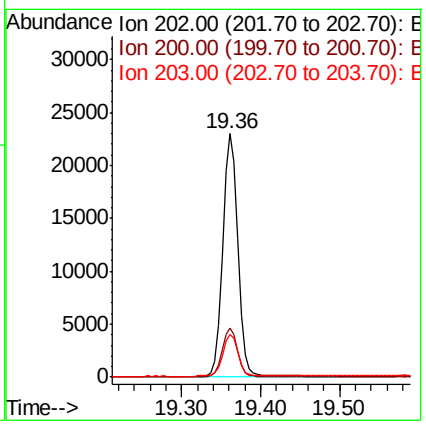


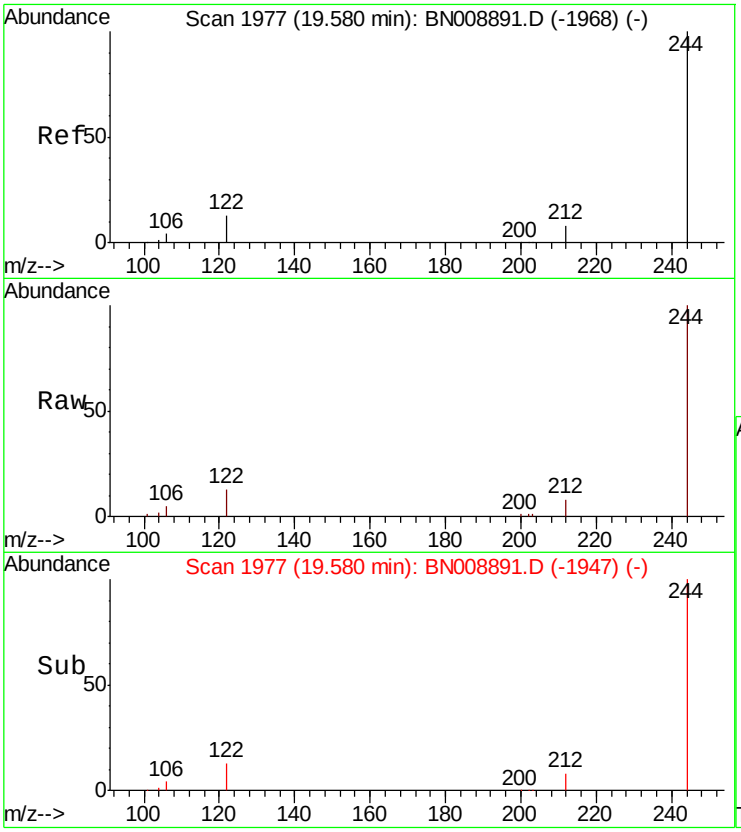


#28
Pyrene
Concen: 0.468 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:202 Resp: 30904

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.4	13.9	20.9



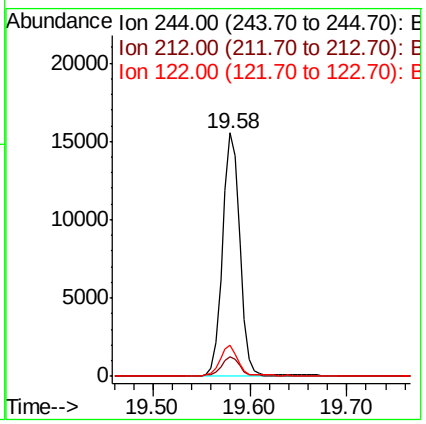


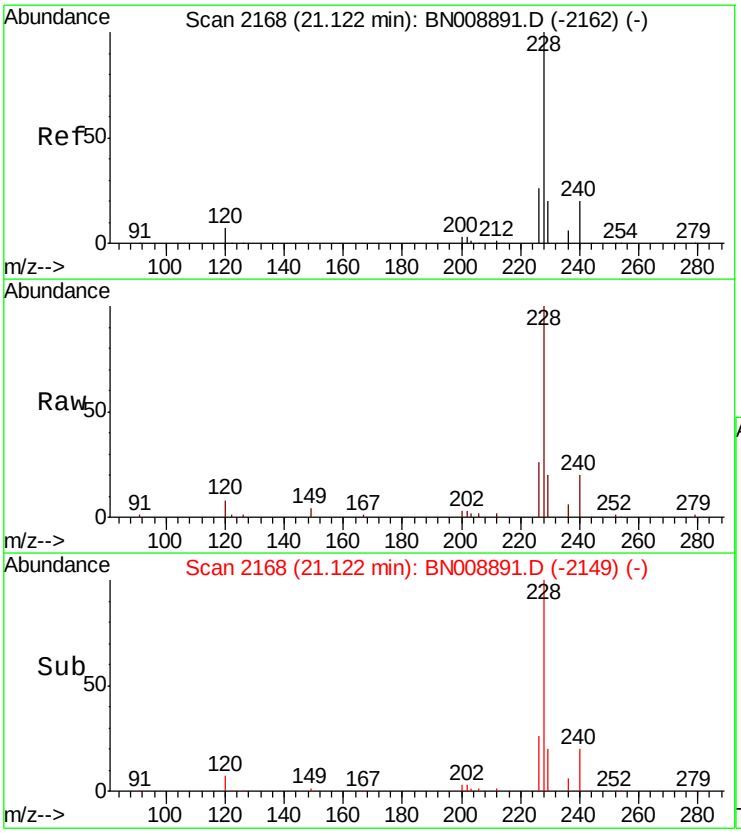
#29
Terphenyl-d14
Concen: 0.439 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 19106

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	13.0	10.4	15.6

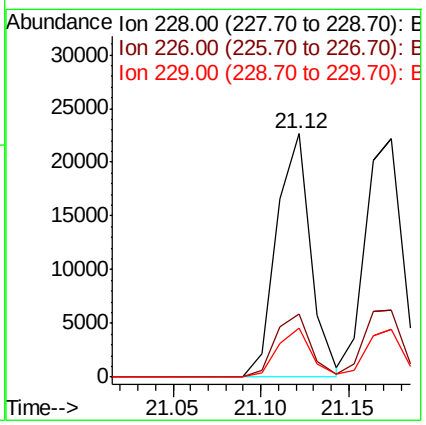


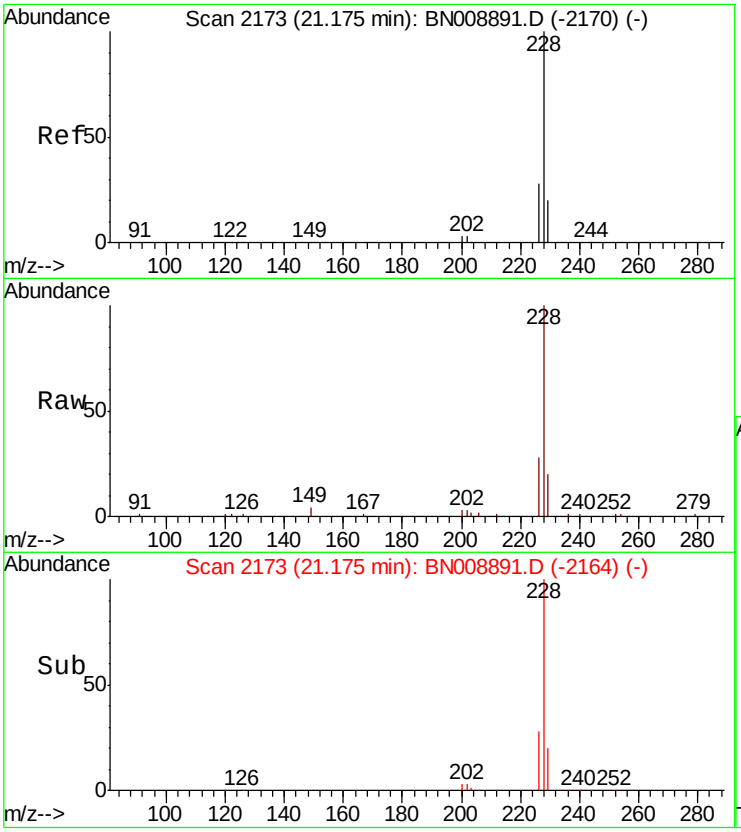


#30
Benzo(a)anthracene
Concen: 0.445 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:228 Resp: 30441

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.6	30.8
229	19.9	15.9	23.9



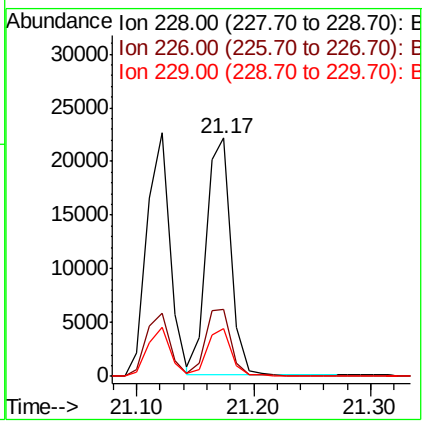


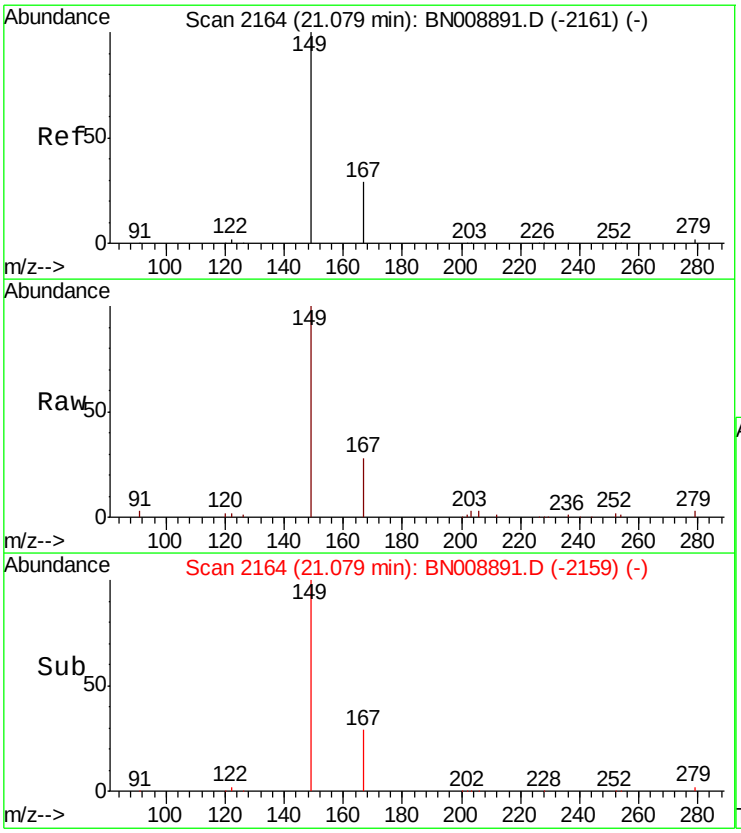
#31
Chrysene
Concen: 0.489 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 32459

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	19.9	15.9	23.9

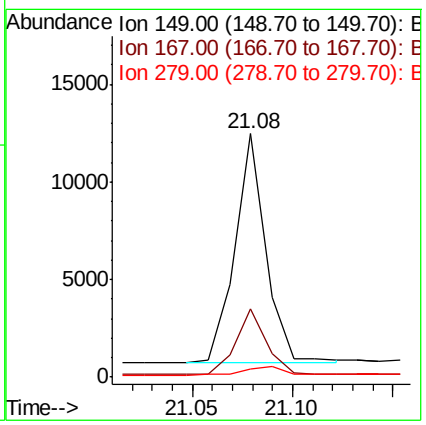


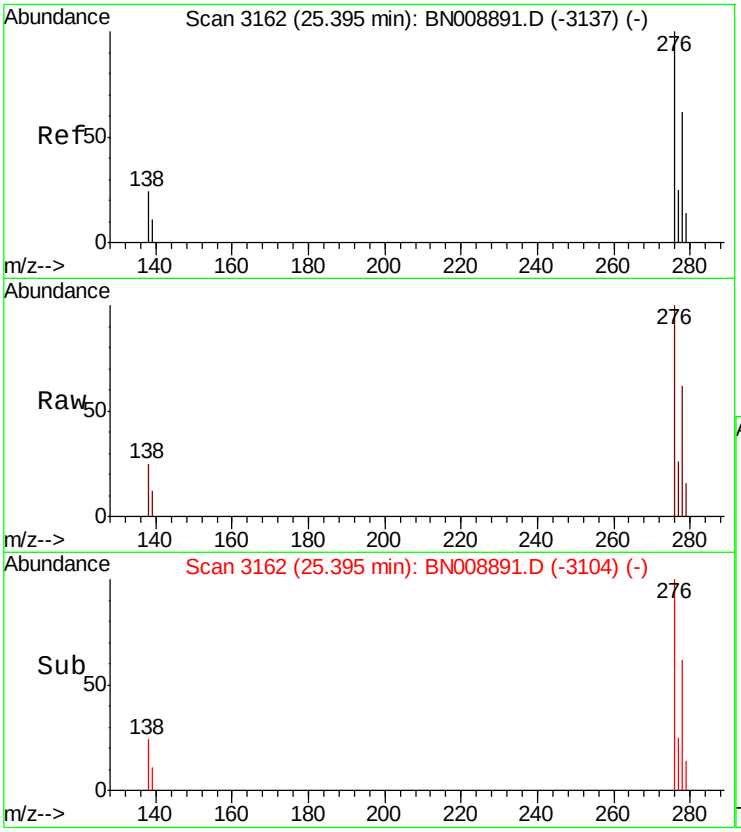


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.276 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:149 Resp: 12561

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.7	34.1
279	4.1	3.3	4.9



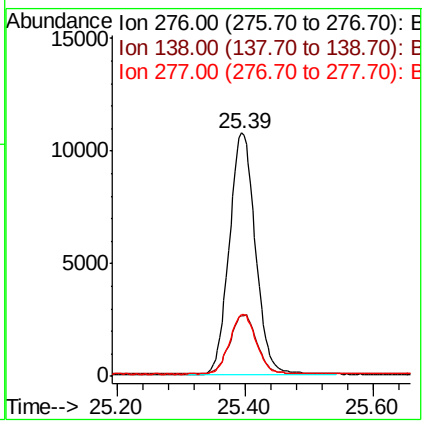


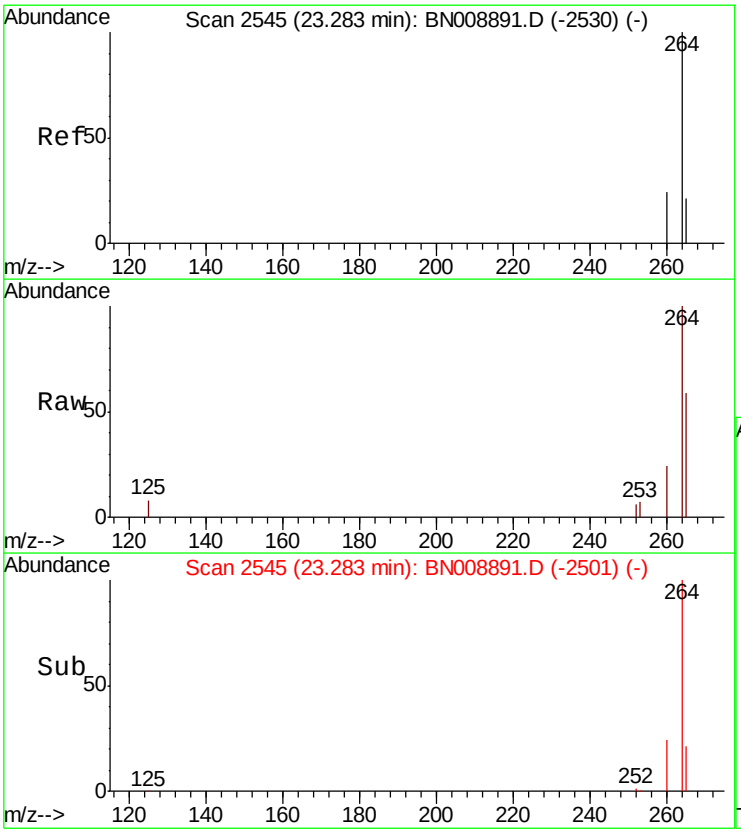
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 25.39 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 30653

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	24.8	19.8	29.8

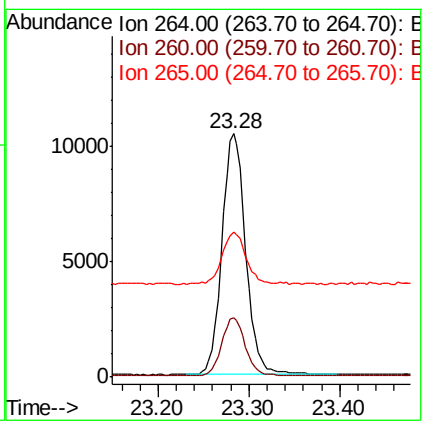


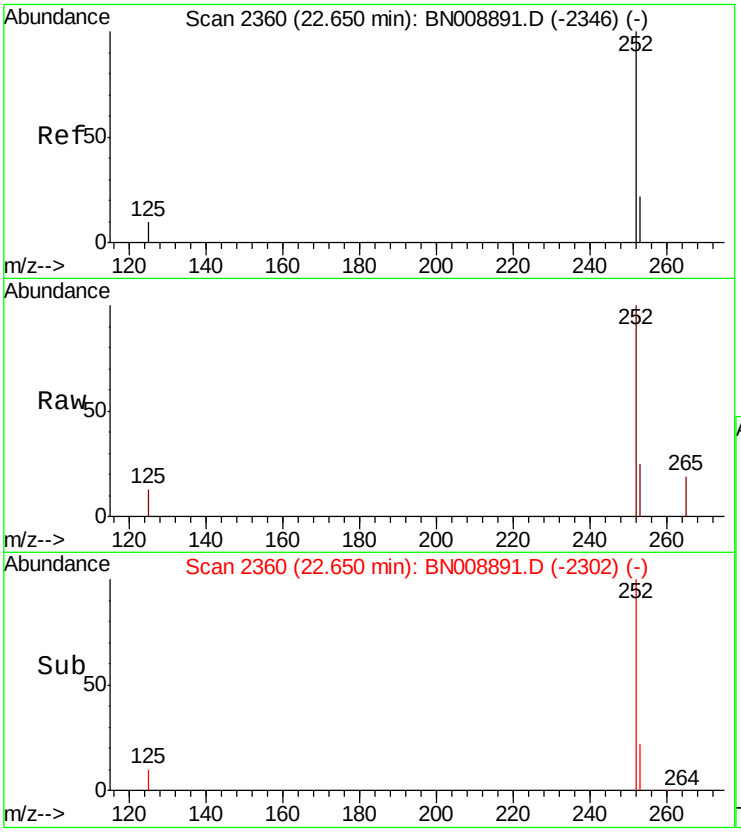


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:264 Resp: 18951

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	59.4	47.5	71.3



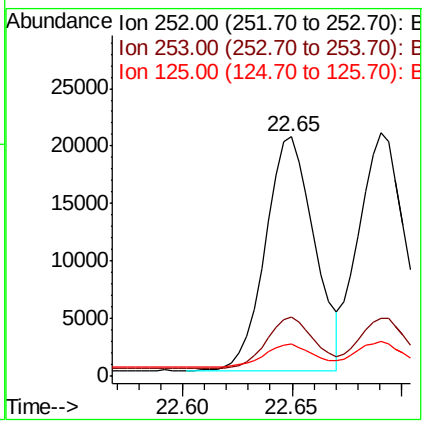


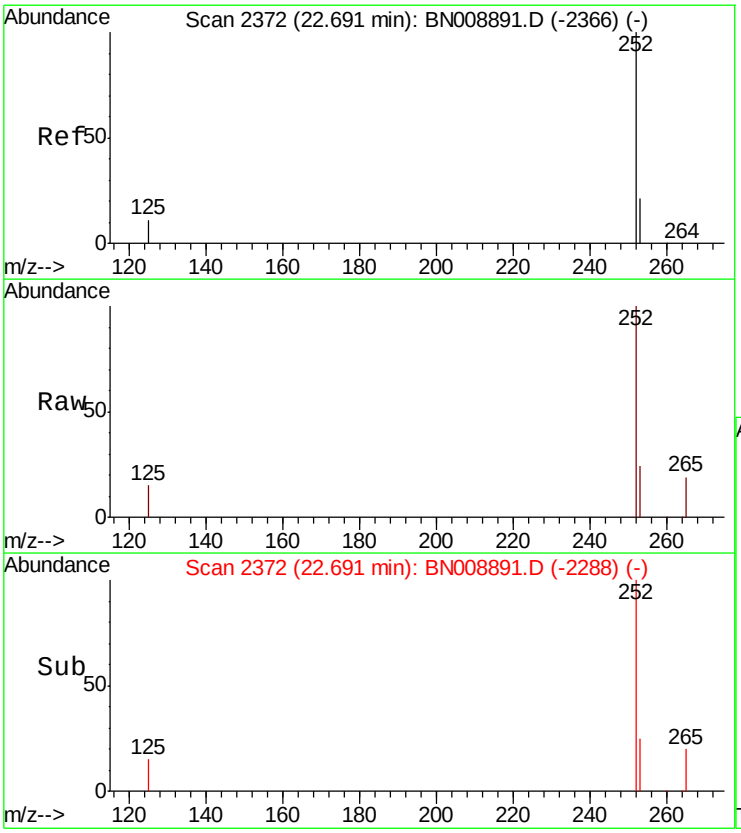
#35
Benzo(b)fluoranthene
Concen: 0.503 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 31690

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.8	29.6
125	13.5	10.8	16.2

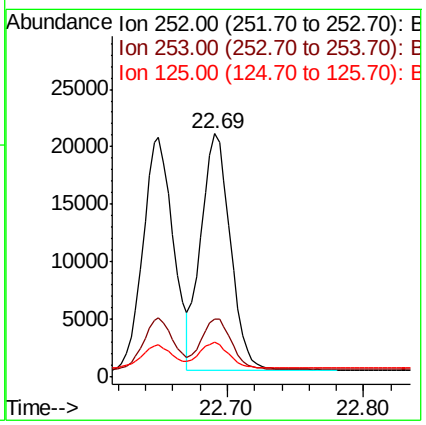


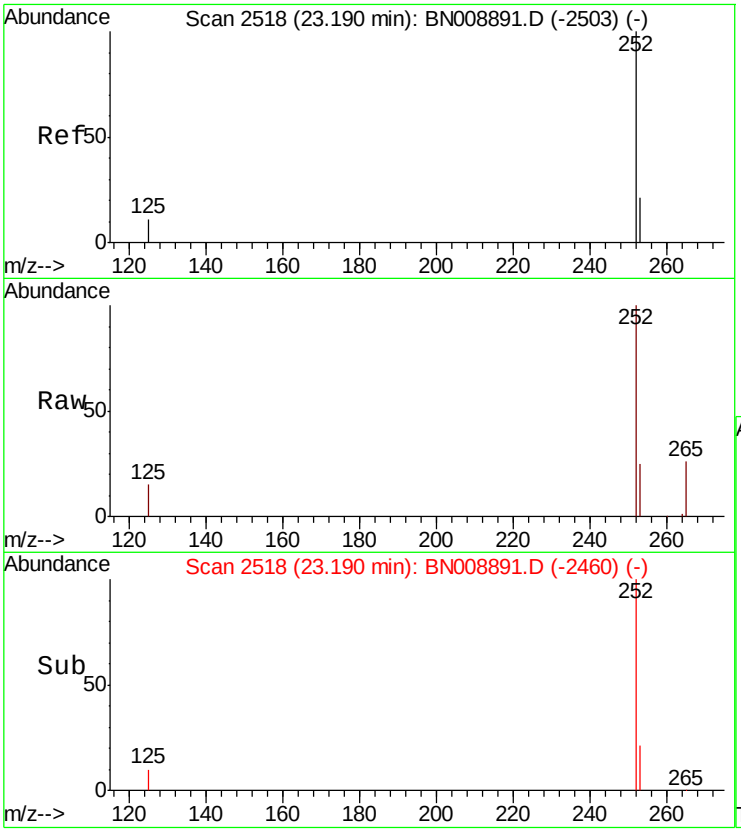


#36
Benzo(k)fluoranthene
Concen: 0.503 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:252 Resp: 31131

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	14.5	11.6	17.4



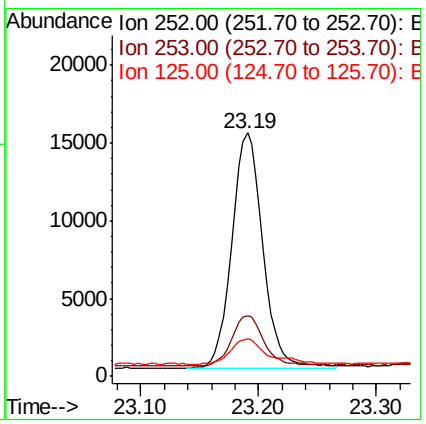


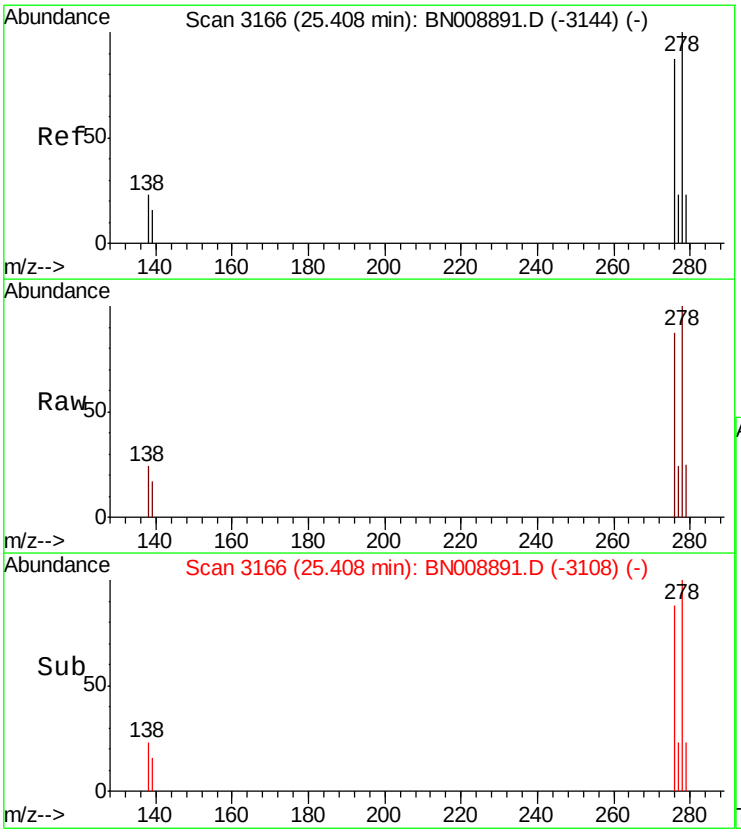
#37
Benzo(a)pyrene
Concen: 0.463 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 27492

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	15.4	12.3	18.5

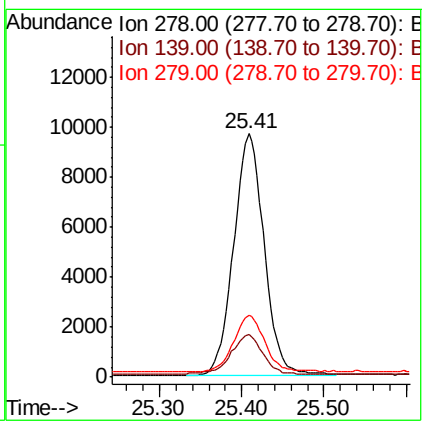


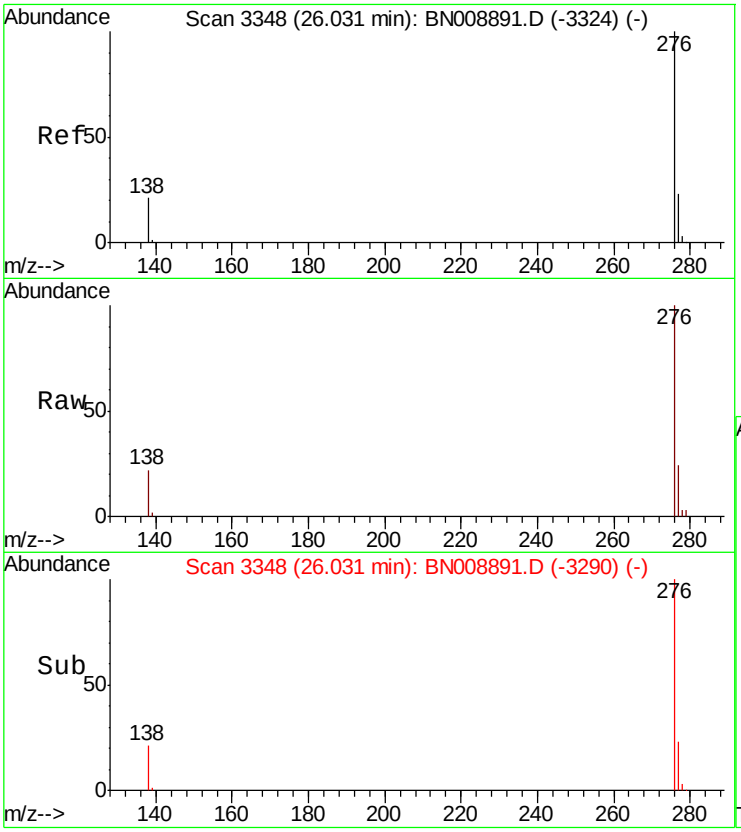


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Tgt Ion:278 Resp: 24884

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.9	20.9
279	25.3	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 26.03 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BN008891.D
Acq: 09 Dec 2019 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 25012

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	22.2	17.8	26.6