Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008894.D
Acq On : 09 Dec 2019 15:42
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Dec 09 16:21:18 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	7.57	152	2909	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	12335	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	8515	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	18360	0.40	ng		0.00
27) Chrysene-d12	21.13	240	20887	0.40	ng		0.00
34) Perylene-d12	23.28	264	21737	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	23772	3.02	ng		0.00
5) Phenol-d6	6.75	99	33967	3.17	ng		0.00
8) Nitrobenzene-d5	8.69	82	34966	3.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	68079	3.33	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	14391	3.11	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	105439	3.30	ng		0.00
25) Fluoranthene-d10	18.97	212	189548	3.41	ng		0.00
29) Terphenyl-d14	19.58	244	153159	3.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	9188	3.288	ng		98
3) n-Nitrosodimethylamine	3.49	42	13788	3.570	ng	#	96
6) bis(2-Chloroethyl)ether	7.00	93	30983	3.211	ng		97
9) Naphthalene	10.37	128	108055	3.285	ng		98
10) Hexachlorobutadiene	10.67	225	20640	3.183	ng	#	100
12) 2-Methylnaphthalene	11.99	142	80176	3.306	ng		99
16) Acenaphthylene	13.90	152	133246	3.355	ng		100
17) Acenaphthene	14.24	154	83909	3.330	ng		99
18) Fluorene	15.23	166	112127	3.355	ng		100
20) 4-Bromophenyl-phenylether	16.13	248	36913	3.434	ng	#	90
21) Hexachlorobenzene	16.25	284	40372	3.255	ng		100
22) Pentachlorophenol	16.59	266	16618	3.345	ng		97
23) Phenanthrene	16.97	178	191287	3.413	ng		100
24) Anthracene	17.07	178	175898	3.418	ng		100
26) Fluoranthene	19.00	202	233769	3.464	ng		100
28) Pyrene	19.36	202	234003	3.211	ng		100
30) Benzo(a)anthracene	21.12	228	247180	3.274	ng		99
31) Chrysene	21.17	228	246406	3.363	ng		96
32) Bis(2-ethylhexyl)phthalate	21.08	149	115541	2.296	ng		100
33) Indeno(1,2,3-cd)pyrene	25.39	276	266448	2.945	ng		99
35) Benzo(b)fluoranthene	22.65	252	255927	3.545	ng	#	94
36) Benzo(k)fluoranthene	22.69	252	250943	3.538	ng	#	94
37) Benzo(a)pyrene	23.19	252	232264	3.411	ng	#	93
38) Dibenzo(a,h)anthracene	25.41	278	215919	3.105	ng		97
39) Benzo(g,h,i)perylene	26.04	276	211744	3.007	ng		99

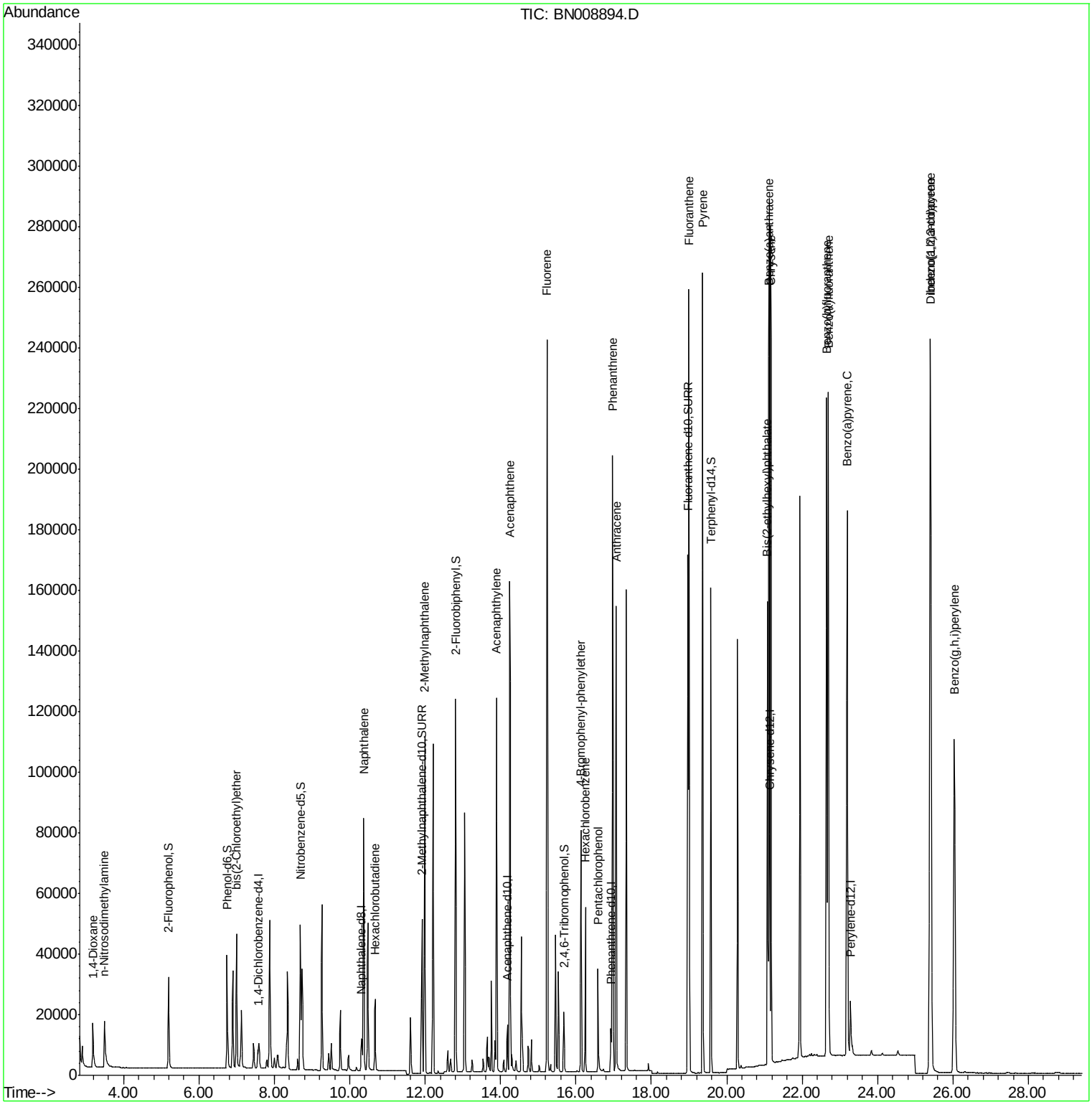
(#) = qualifier out of range (m) = manual integration (+) = signals summed

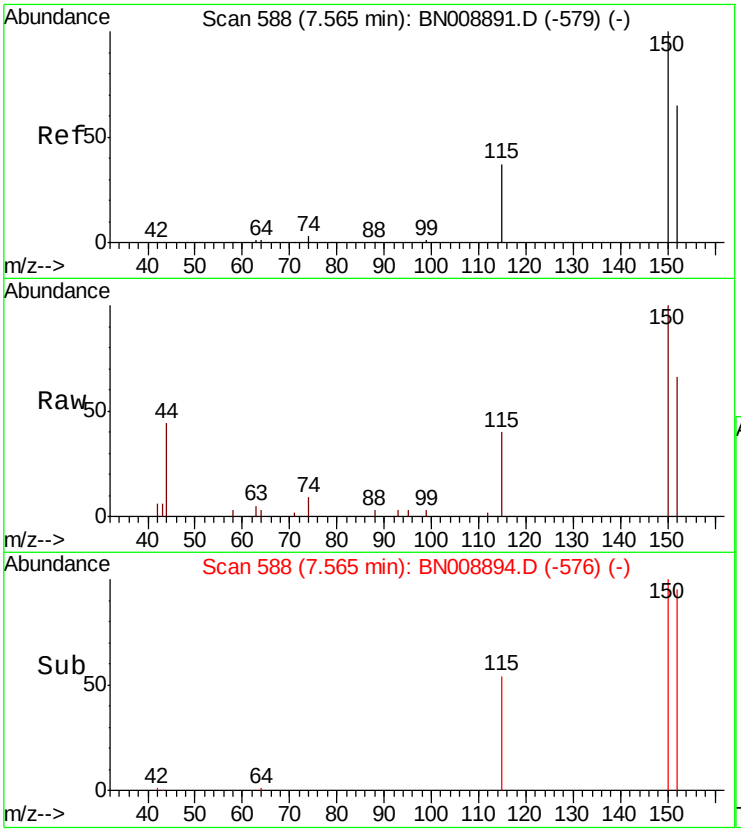
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008894.D
Acq On : 09 Dec 2019 15:42
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 09 16:21:18 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



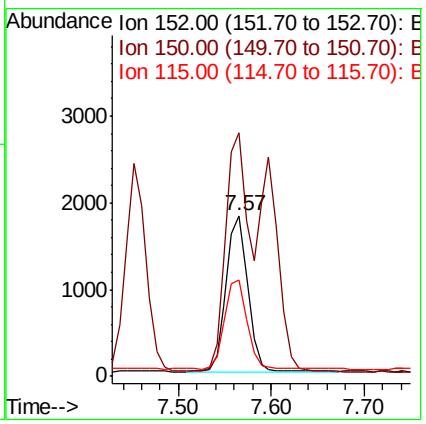


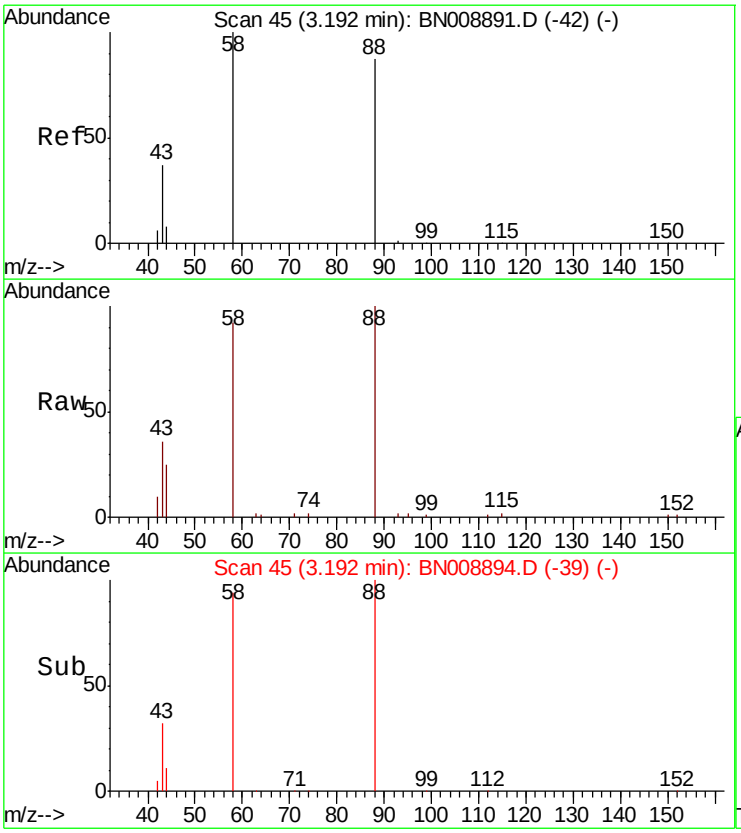
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2909

Ion	Ratio	Lower	Upper
152	100		
150	151.5	122.3	183.5
115	60.0	48.4	72.6

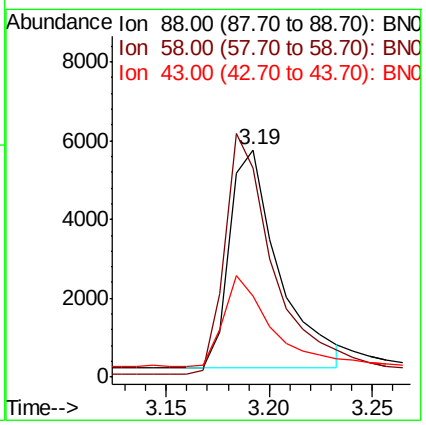


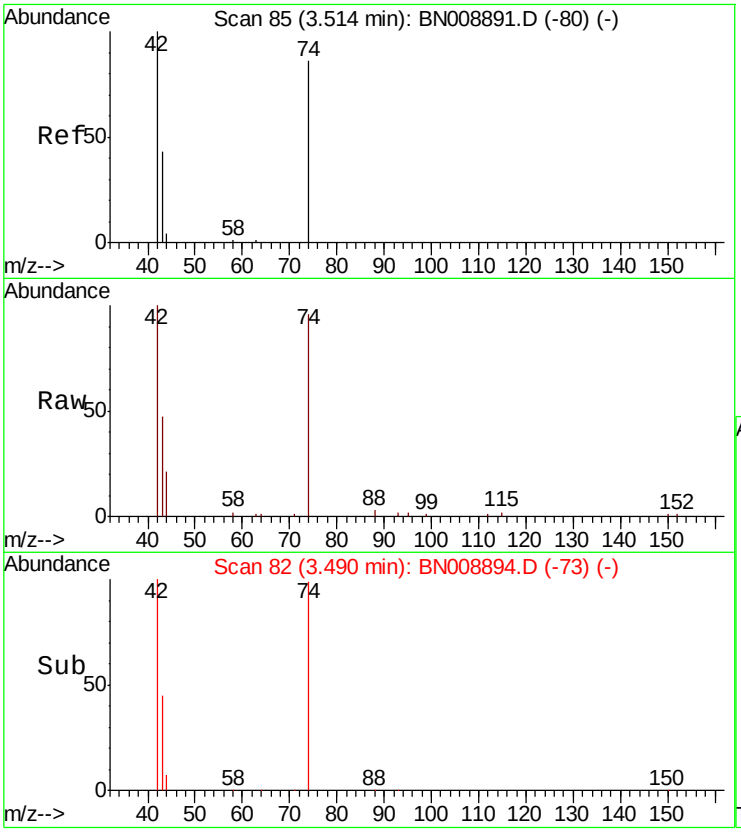


#2
1,4-Dioxane
Concen: 3.288 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion: 88 Resp: 9188

Ion	Ratio	Lower	Upper
88	100		
58	108.0	88.6	132.8
43	39.6	31.8	47.8



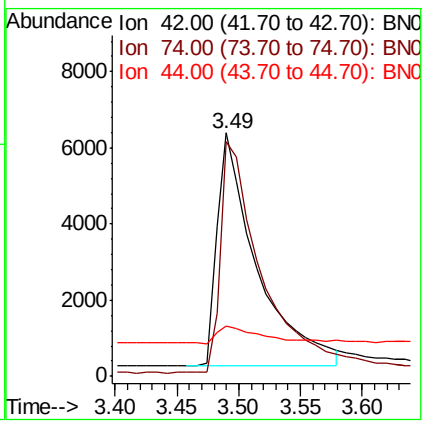


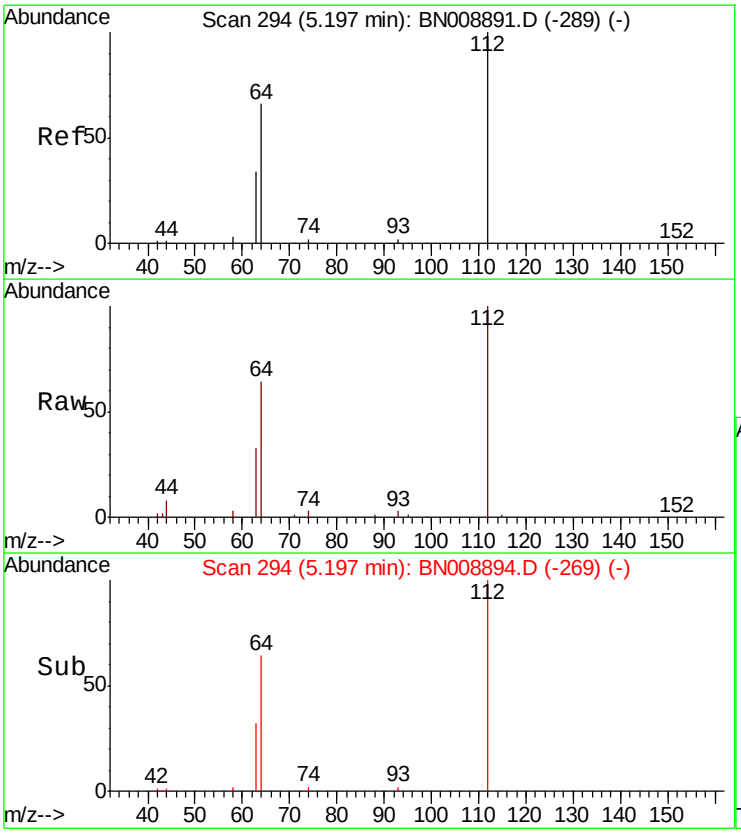
#3
n-Nitrosodimethylamine
Concen: 3.570 ng
RT: 3.49 min Scan# 82
Delta R.T. -0.02 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 13788

Ion	Ratio	Lower	Upper
42	100		
74	102.2	78.6	117.8
44	7.7	0.0	0.0#

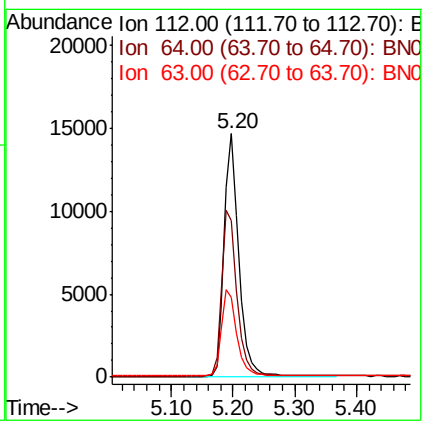


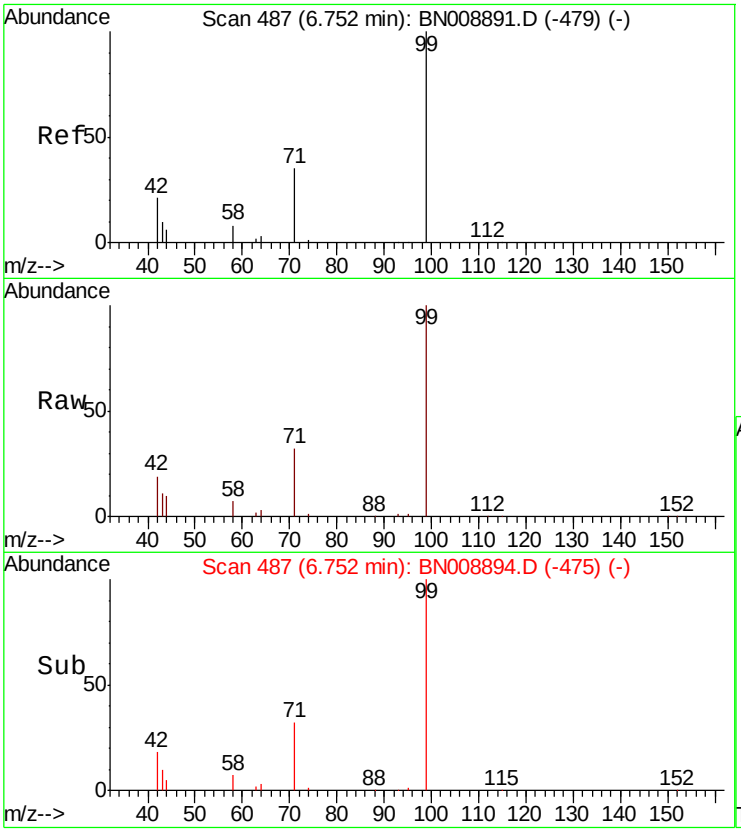


#4
2-Fluorophenol
Concen: 3.019 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:112 Resp: 23772

Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.7	86.5
63	37.0	29.6	44.4



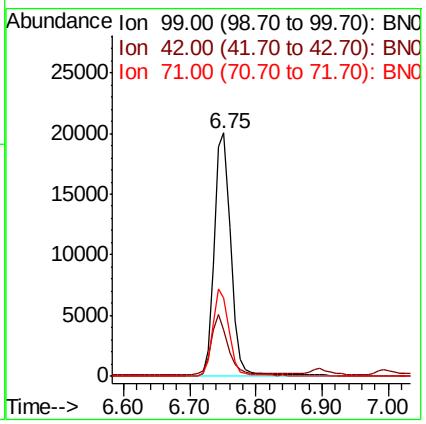


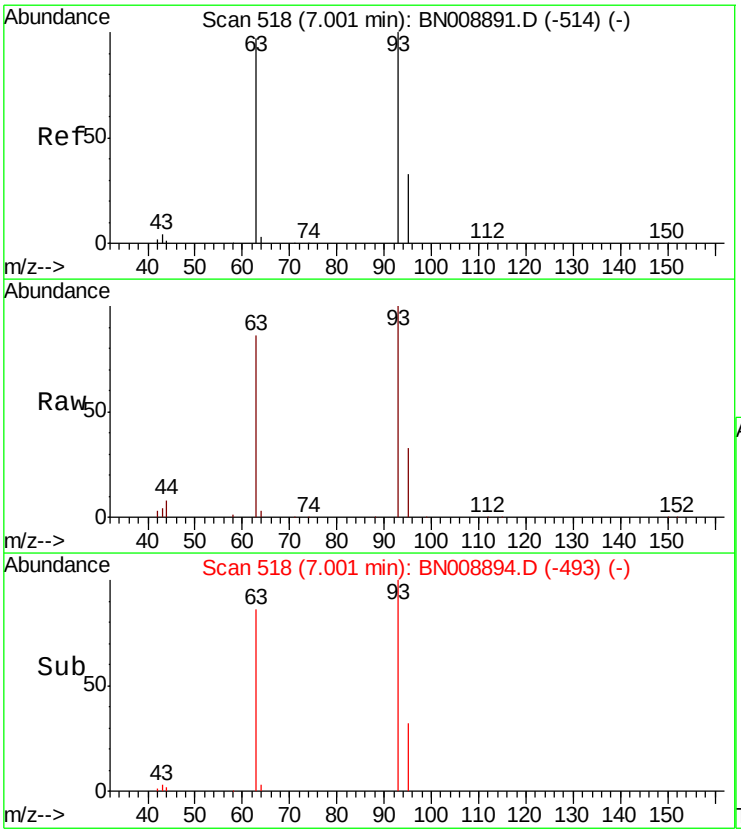
#5
Phenol-d6
Concen: 3.166 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 33967

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.1	30.1
71	35.1	28.2	42.2

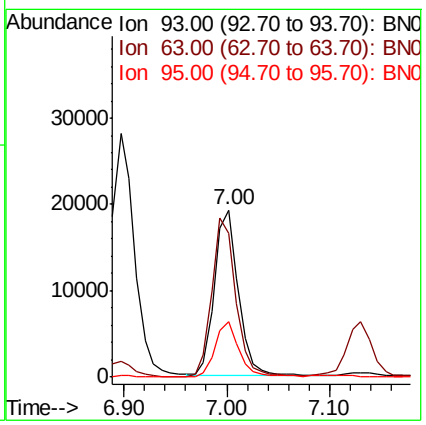


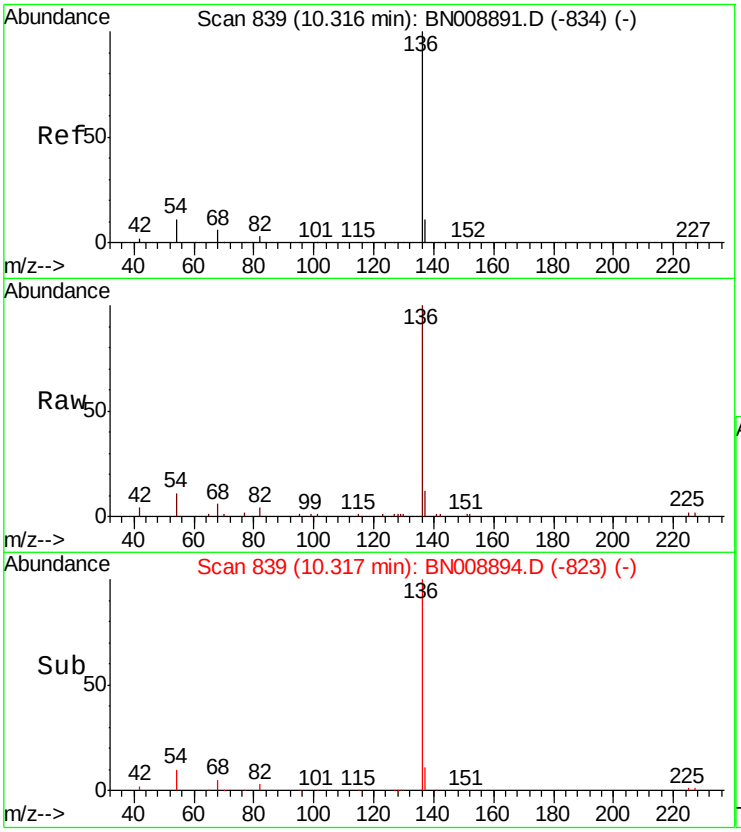


#6
bis(2-Chloroethyl)ether
Concen: 3.211 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion: 93 Resp: 30983

Ion	Ratio	Lower	Upper
93	100		
63	95.6	73.5	110.3
95	32.3	26.0	39.0



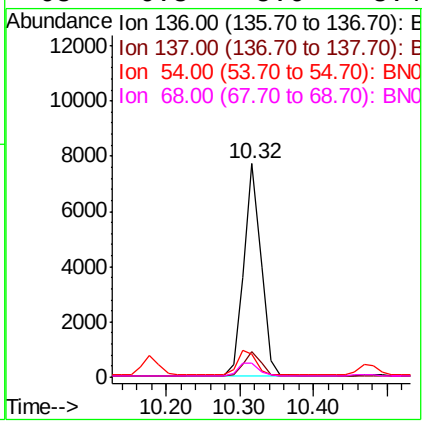


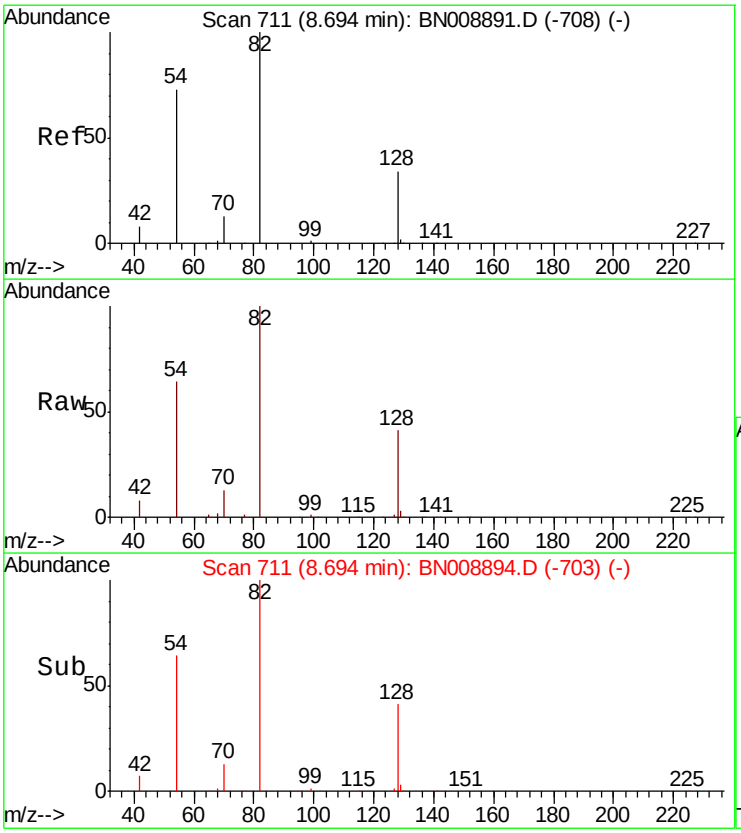
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 12335

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	10.9	9.6	14.4
68	6.3	5.6	8.4

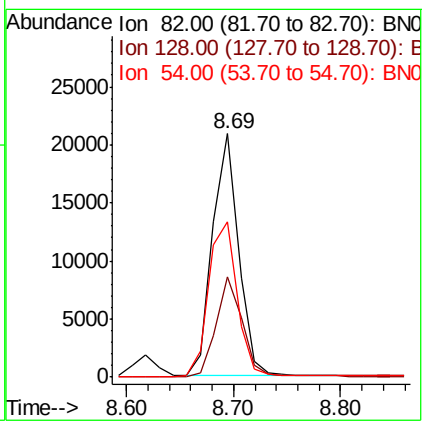


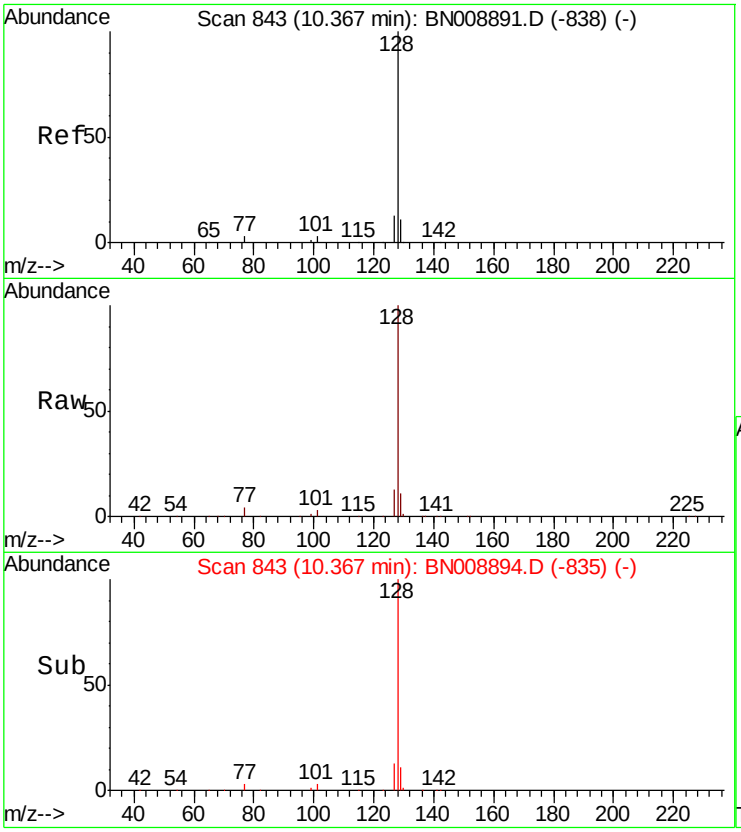


#8
Nitrobenzene-d5
Concen: 3.212 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion: 82 Resp: 34966

Ion	Ratio	Lower	Upper
82	100		
128	41.0	29.1	43.7
54	64.0	59.7	89.5



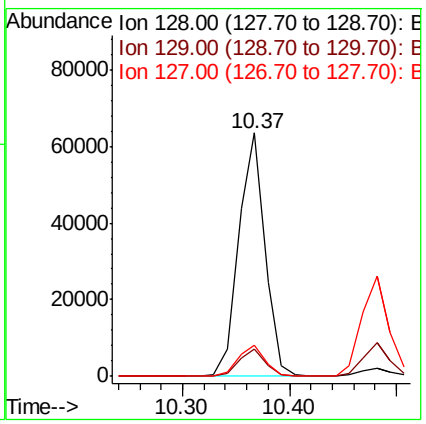


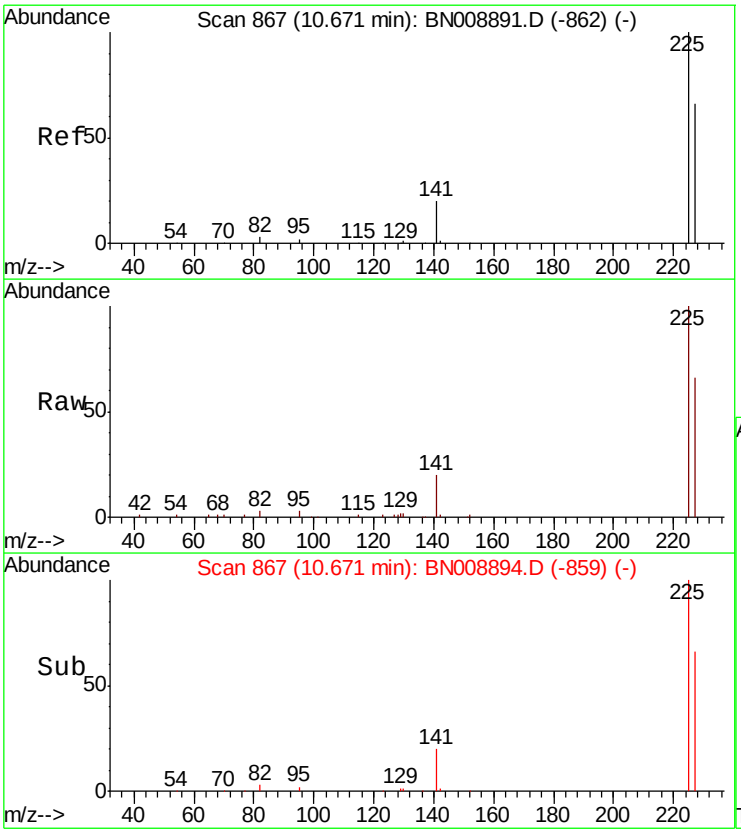
#9
Naphthalene
Concen: 3.285 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 108055

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	12.8	10.8	16.2

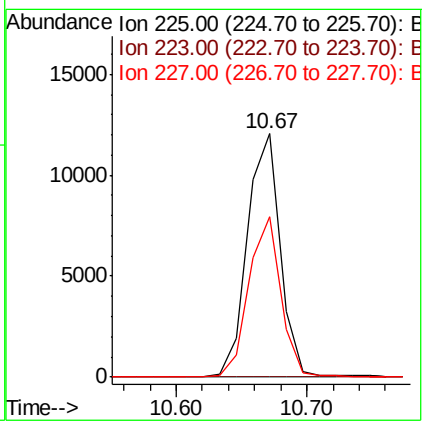


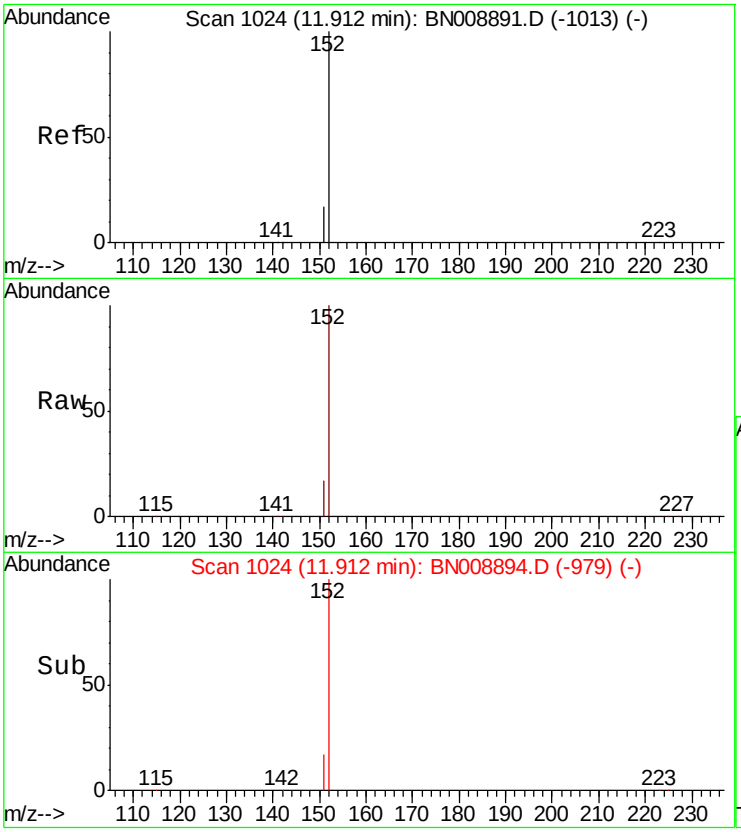


#10
Hexachlorobutadiene
Concen: 3.183 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:225 Resp: 20640

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.4	77.2



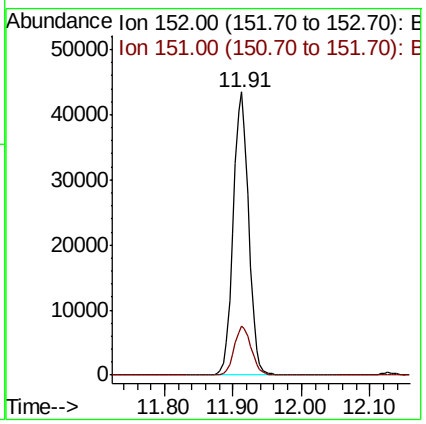


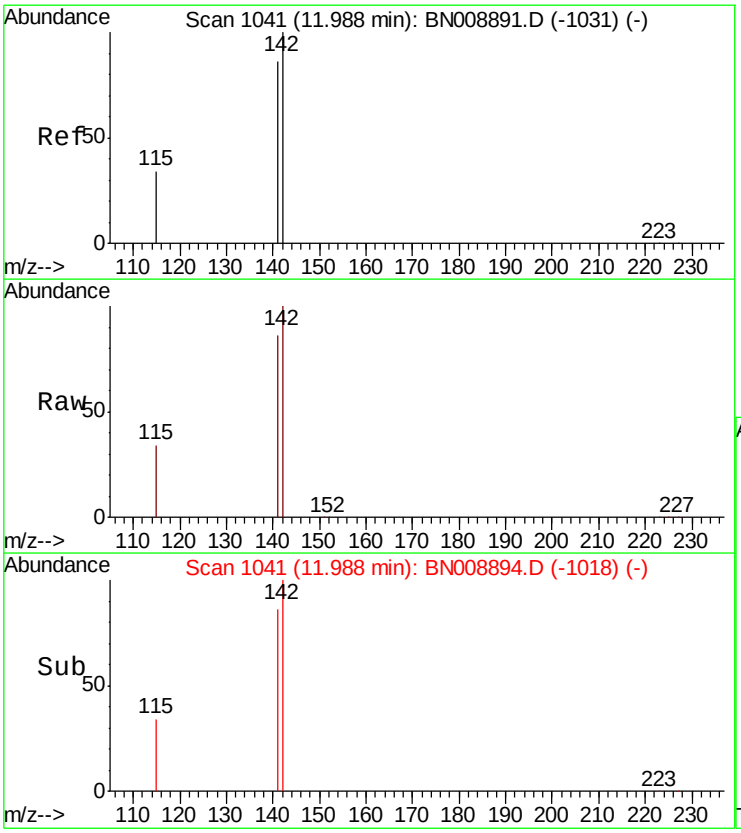
#11
2-Methylnaphthalene-d10
Concen: 3.327 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 68079

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

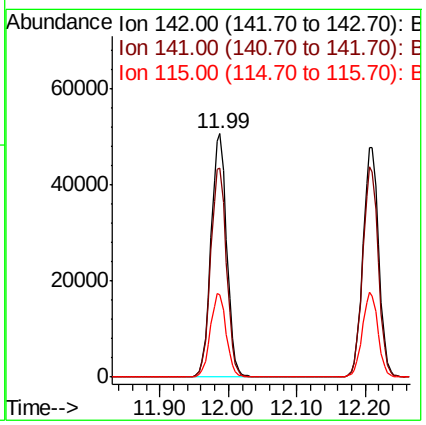


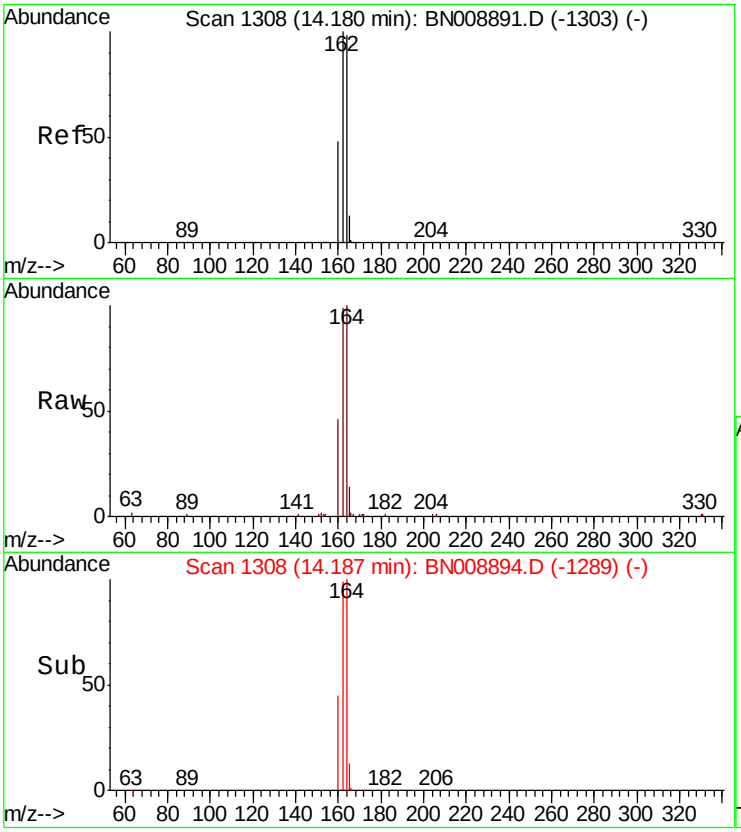


#12
2-Methylnaphthalene
Concen: 3.306 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:142 Resp: 80176

Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.3	103.9
115	33.8	27.9	41.9



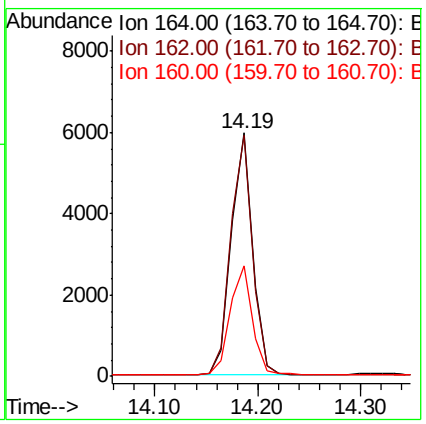


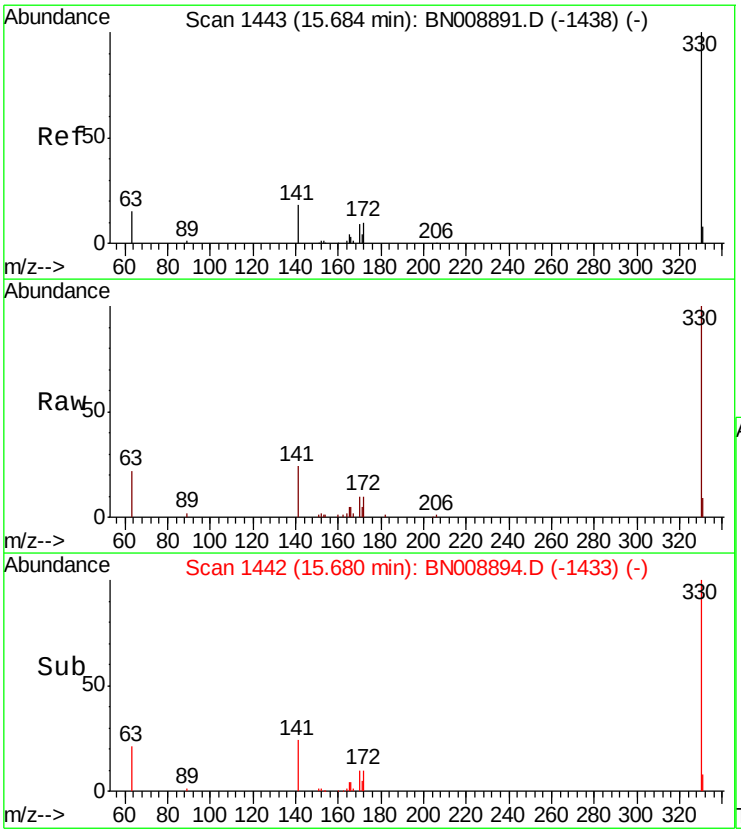
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 8515

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.9	122.9
160	45.5	39.3	58.9

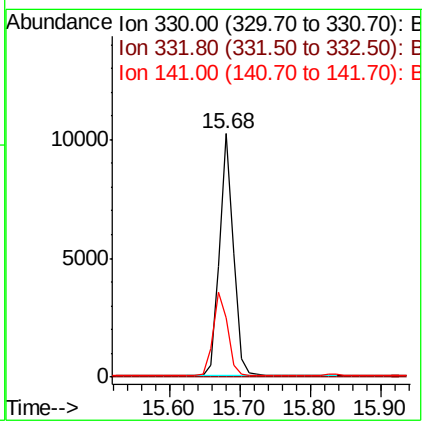


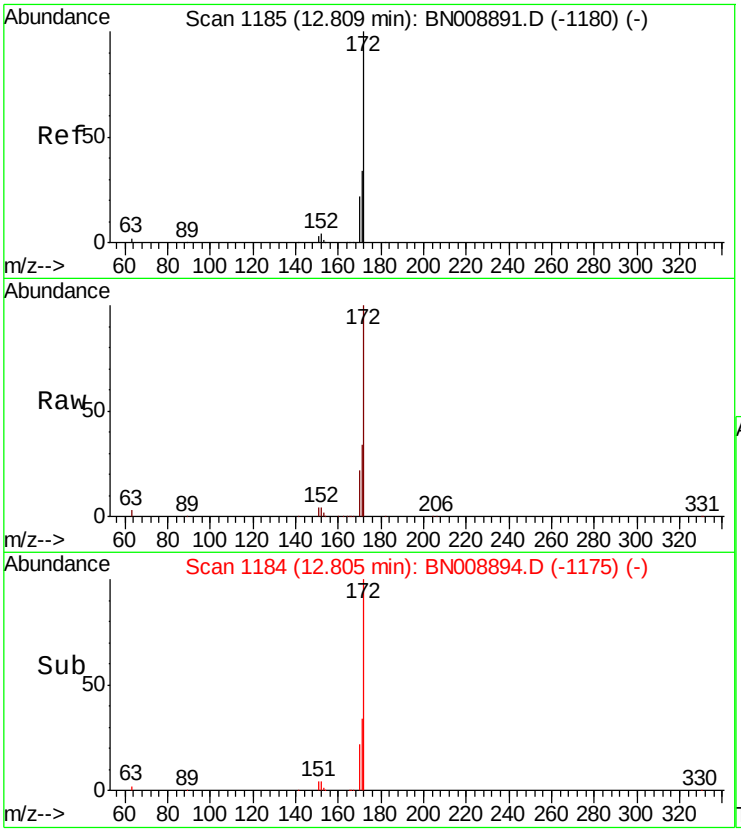


#14
2,4,6-Tribromophenol
Concen: 3.106 ng
RT: 15.68 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:330 Resp: 14391

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	29.6	44.4



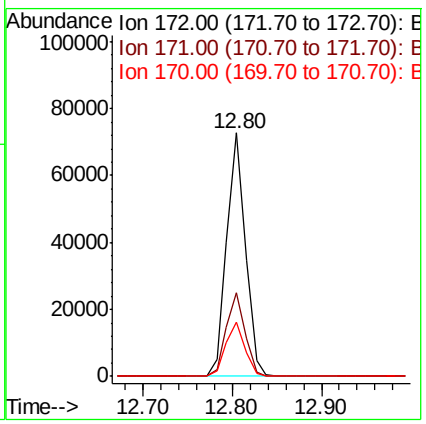


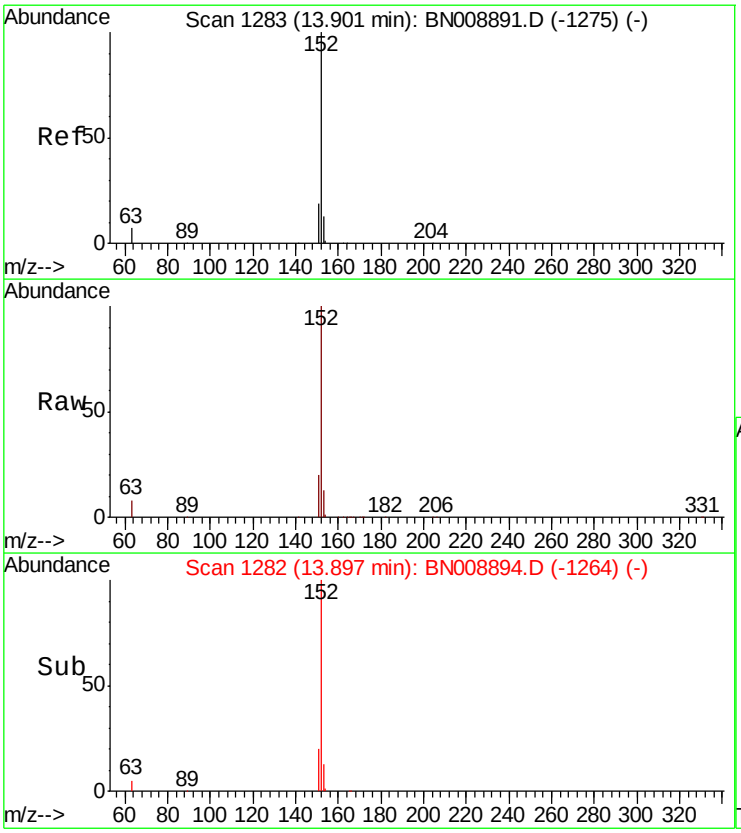
#15
2-Fluorobiphenyl
Concen: 3.304 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 105439

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.1	40.7
170	22.2	17.7	26.5

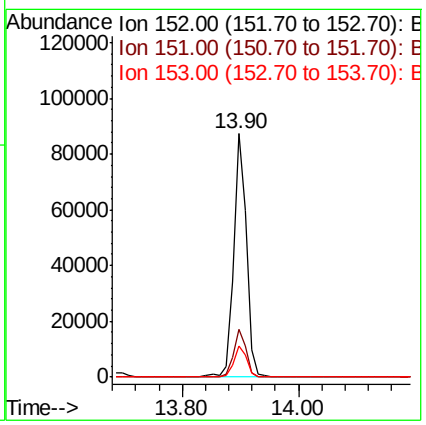


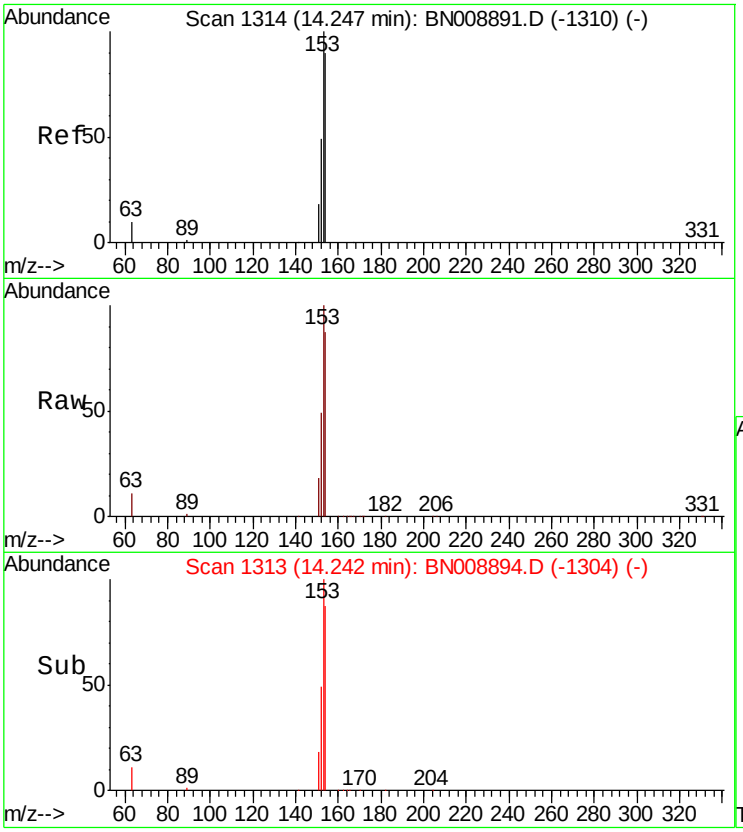


#16
Acenaphthylene
Concen: 3.355 ng
RT: 13.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:152 Resp: 133246

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	12.9	10.3	15.5



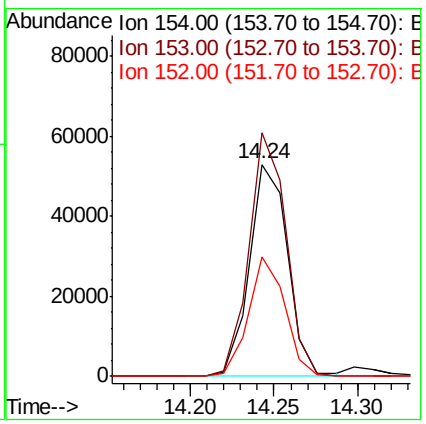


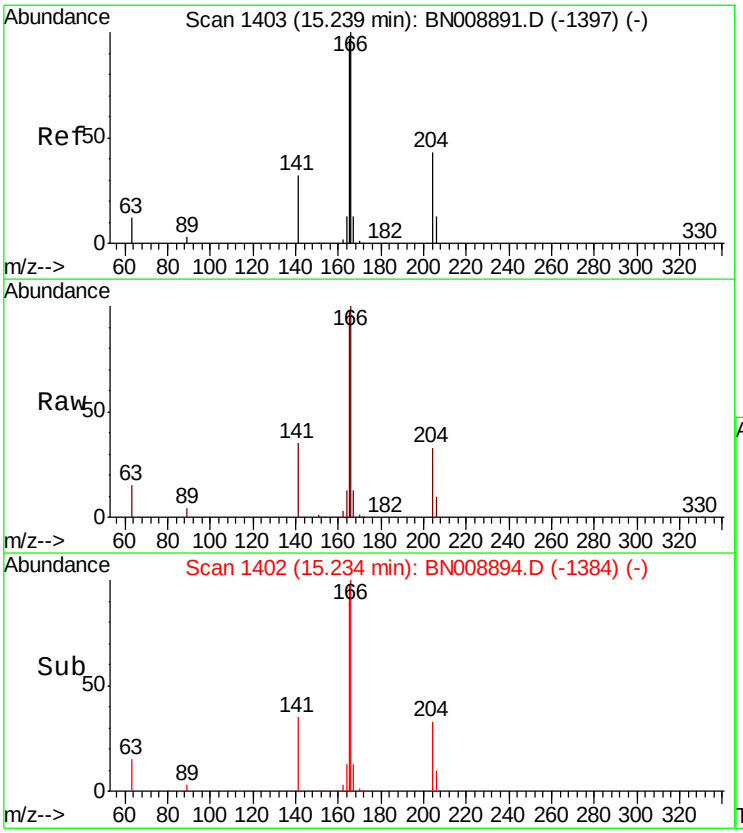
#17
Acenaphthene
Concen: 3.330 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 83909

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	54.0	44.2	66.4

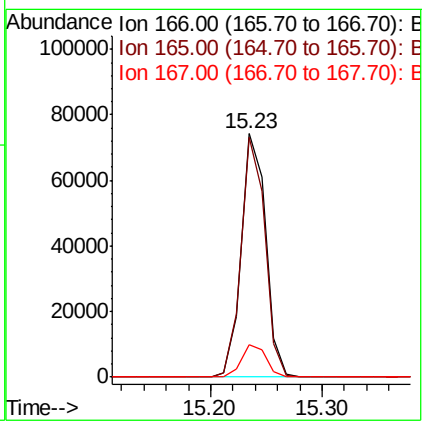


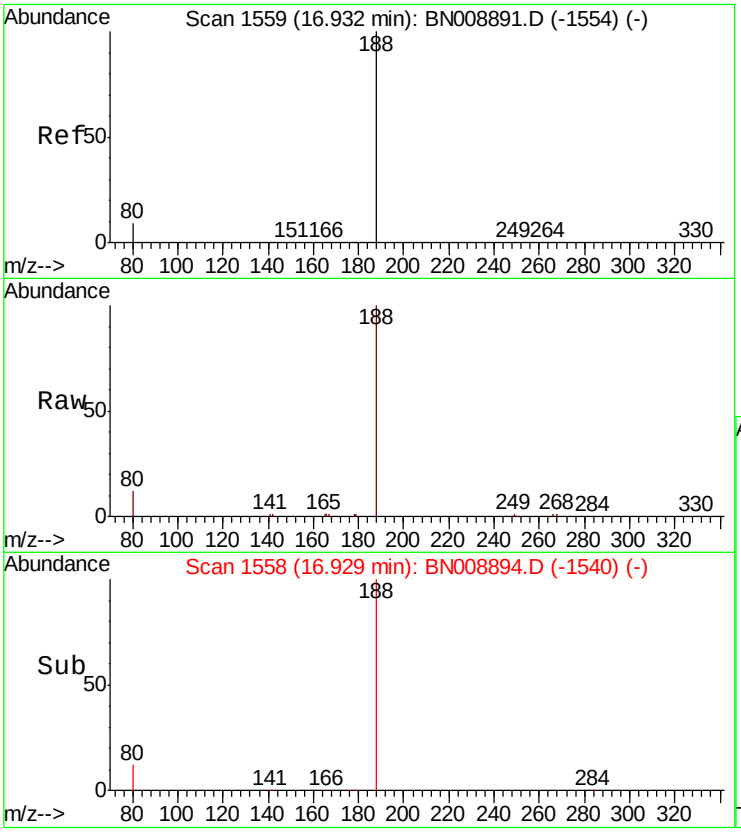


#18
Fluorene
Concen: 3.355 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:166 Resp: 112127

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.3	115.9
167	13.4	10.8	16.2



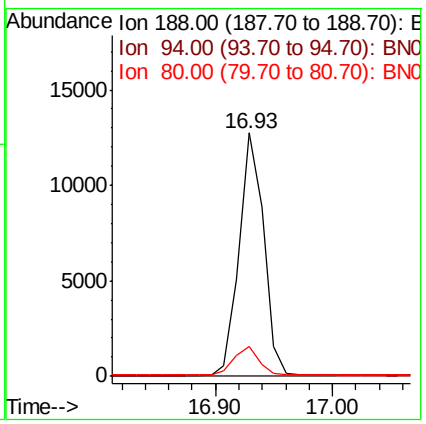


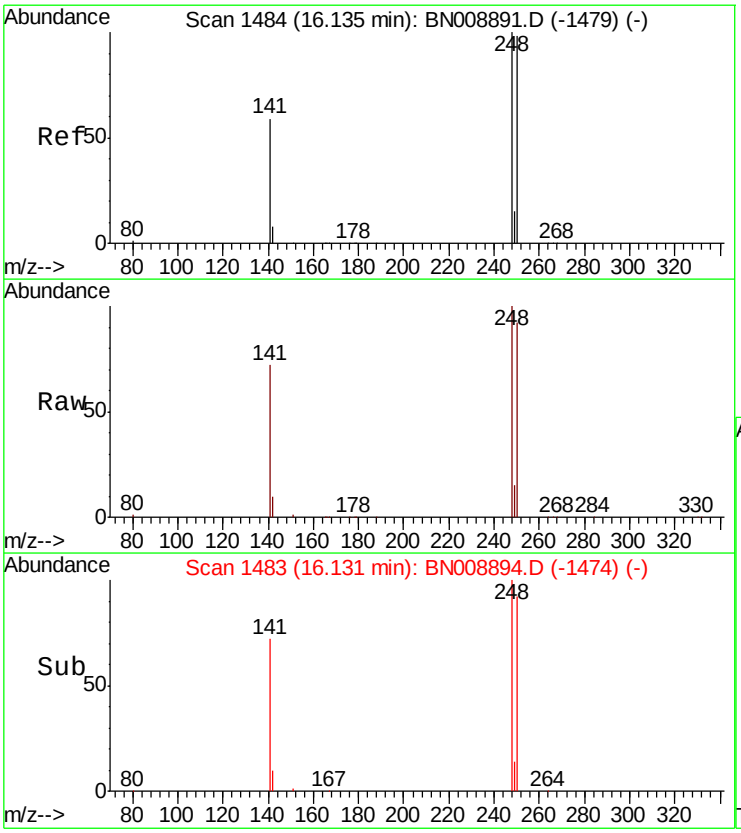
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 18360

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	7.3	10.9#

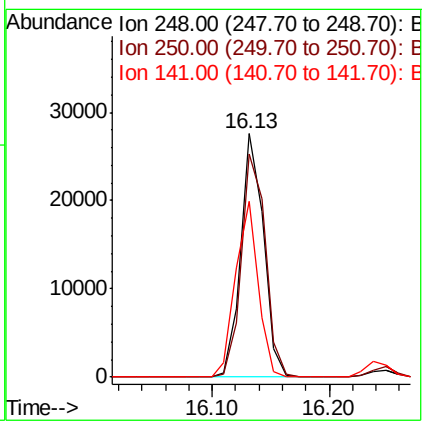


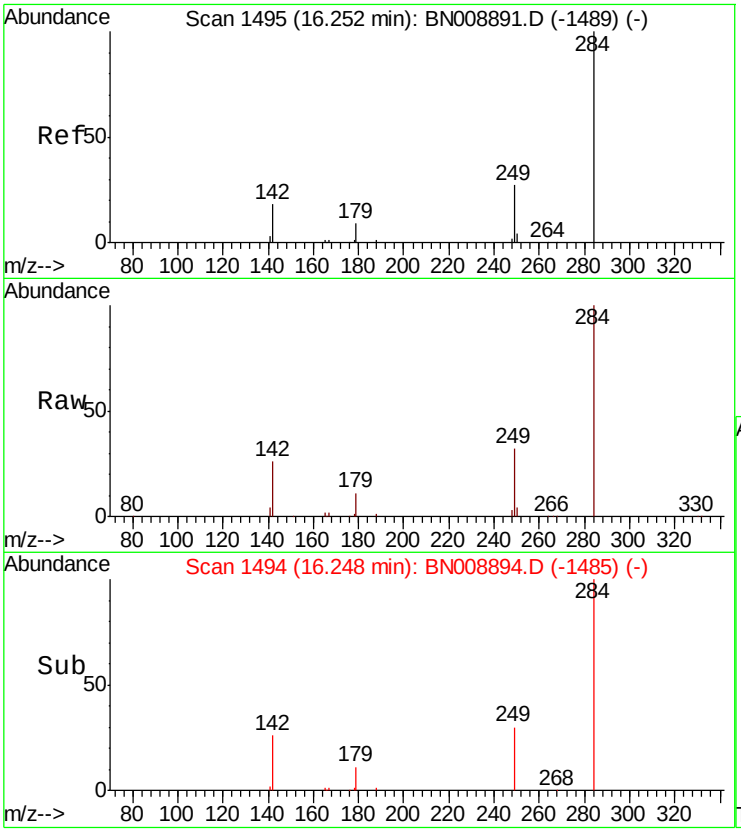


#20
4-Bromophenyl-phenylether
Concen: 3.434 ng
RT: 16.13 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:248 Resp: 36913

Ion	Ratio	Lower	Upper
248	100		
250	91.8	78.7	118.1
141	71.9	47.9	71.9#



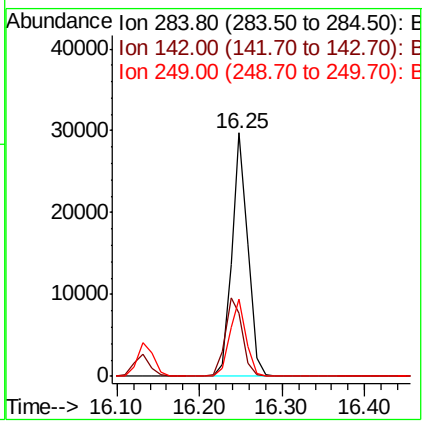


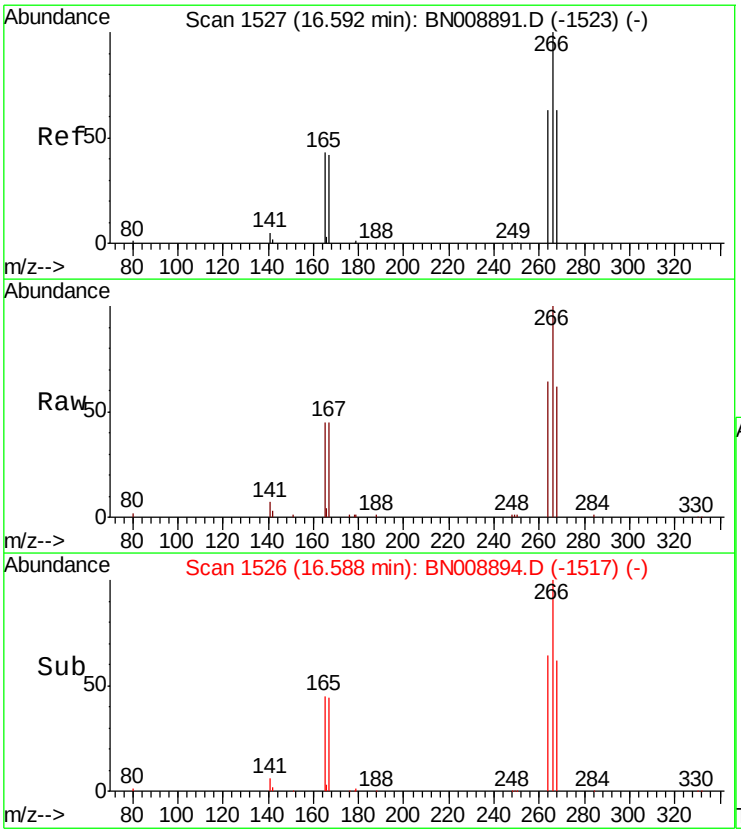
#21
Hexachlorobenzene
Concen: 3.255 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 40372

Ion	Ratio	Lower	Upper
284	100		
142	34.8	27.8	41.6
249	31.7	25.3	37.9

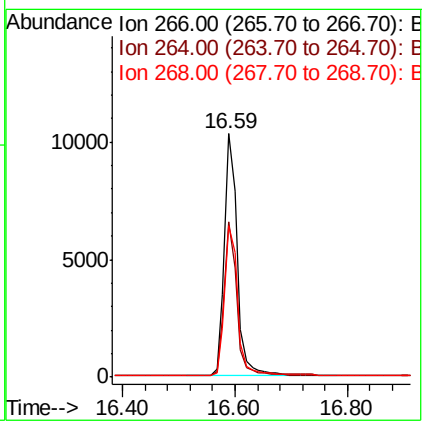


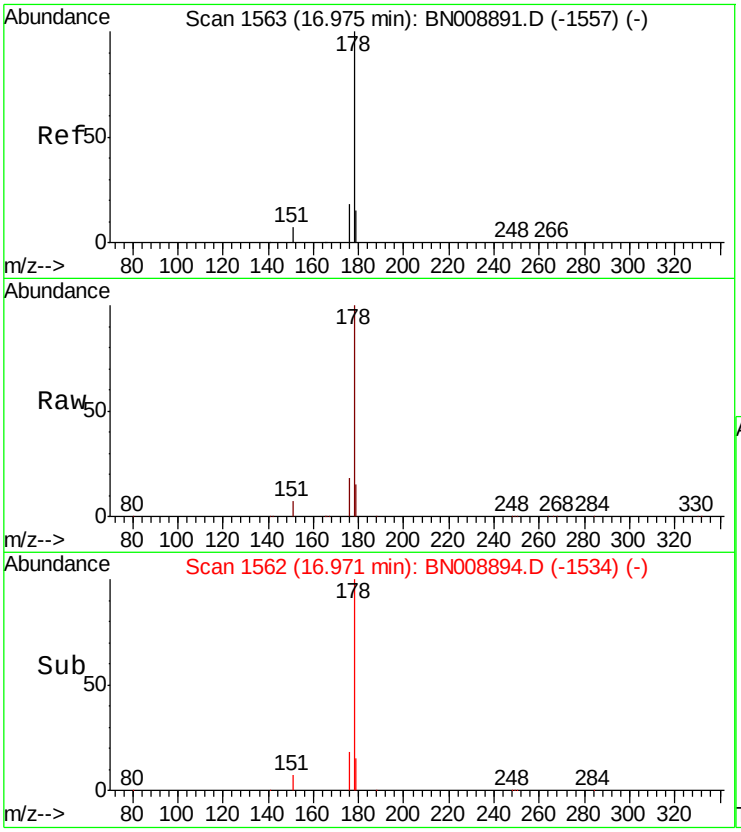


#22
Pentachlorophenol
Concen: 3.345 ng
RT: 16.59 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:266 Resp: 16618

Ion	Ratio	Lower	Upper
266	100		
264	63.9	51.5	77.3
268	62.0	53.1	79.7



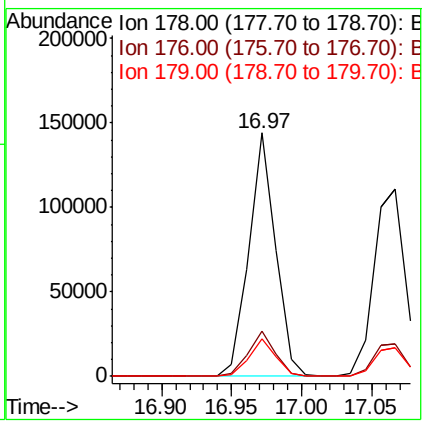


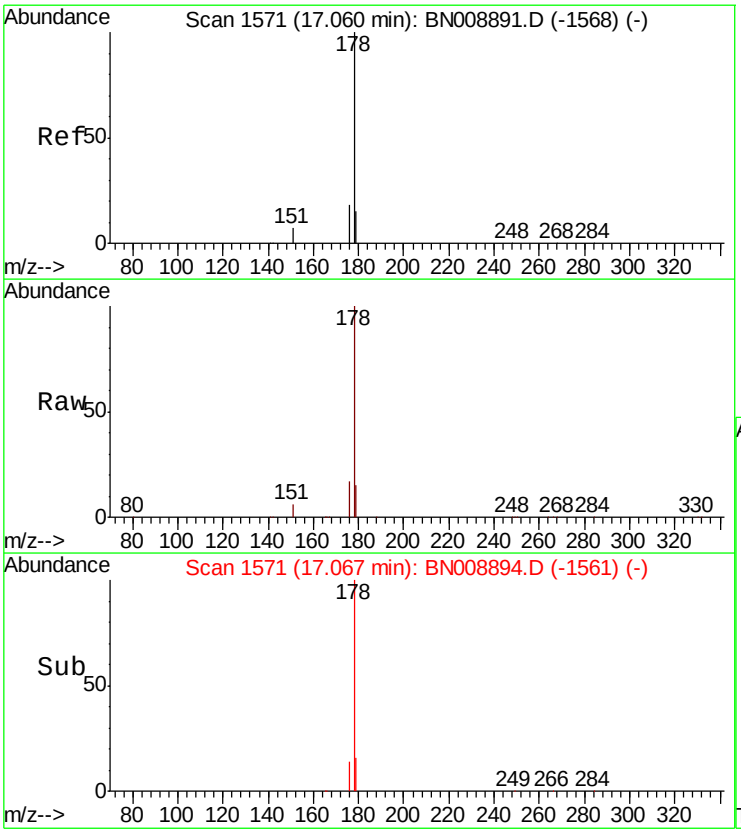
#23
Phenanthrene
Concen: 3.413 ng
RT: 16.97 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 191287

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

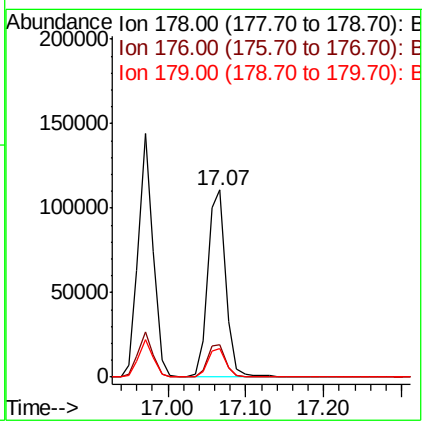


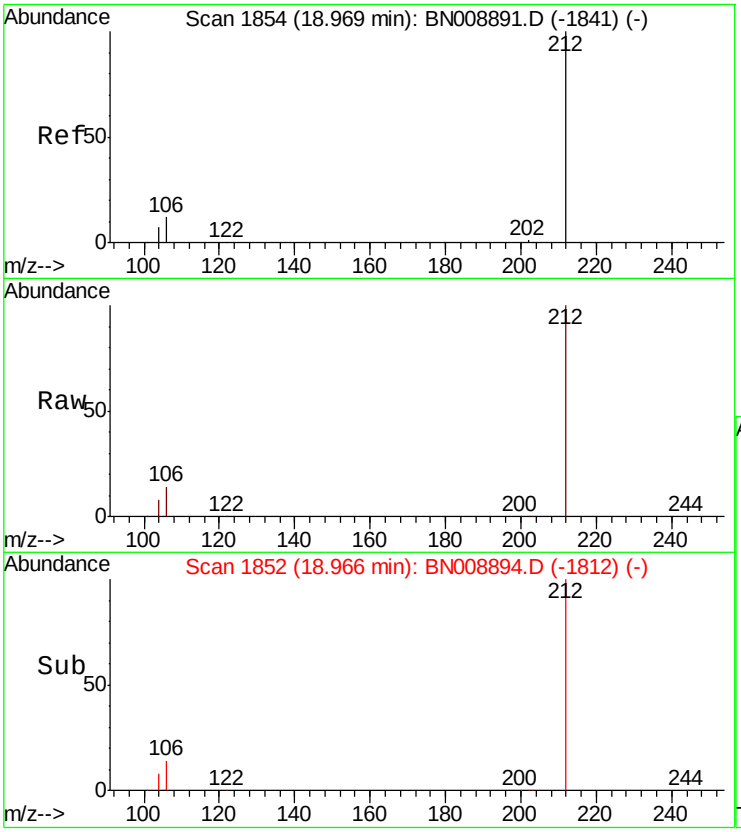


#24
Anthracene
Concen: 3.418 ng
RT: 17.07 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:178 Resp: 175898

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.2	12.1	18.1



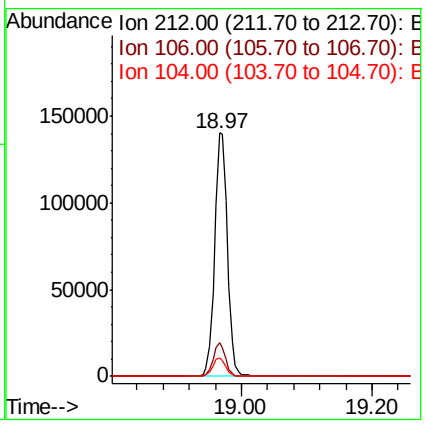


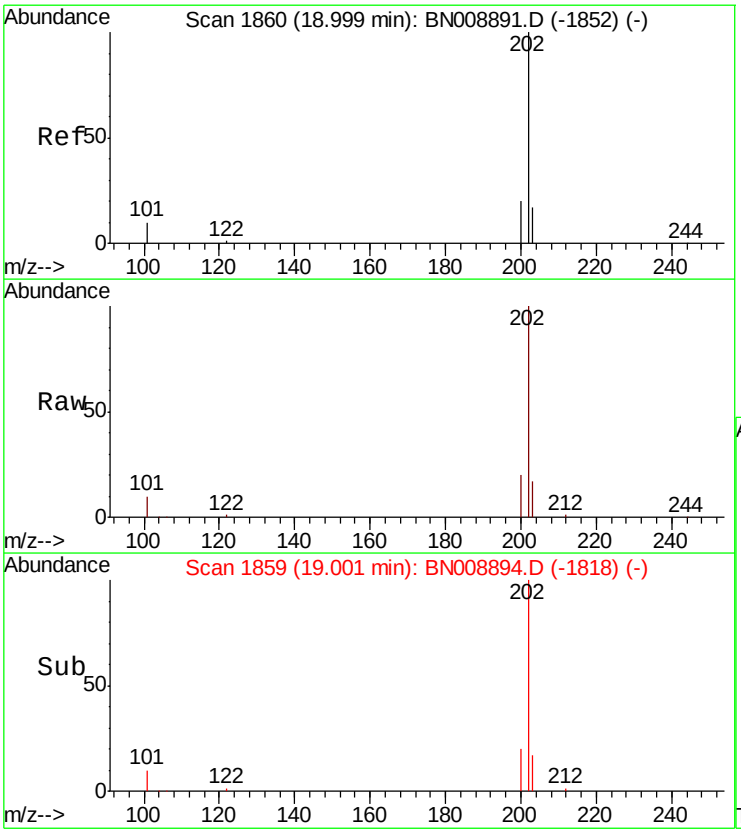
#25
Fluoranthene-d10
Concen: 3.409 ng
RT: 18.97 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 189548

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.4	15.6
104	7.4	5.9	8.9

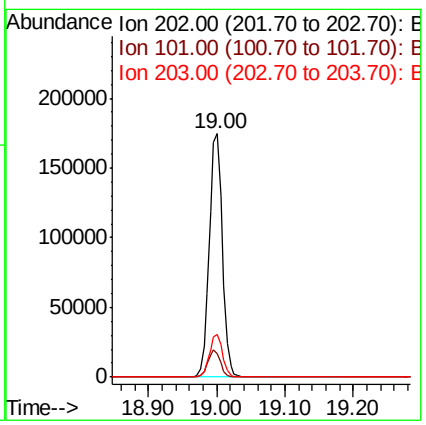


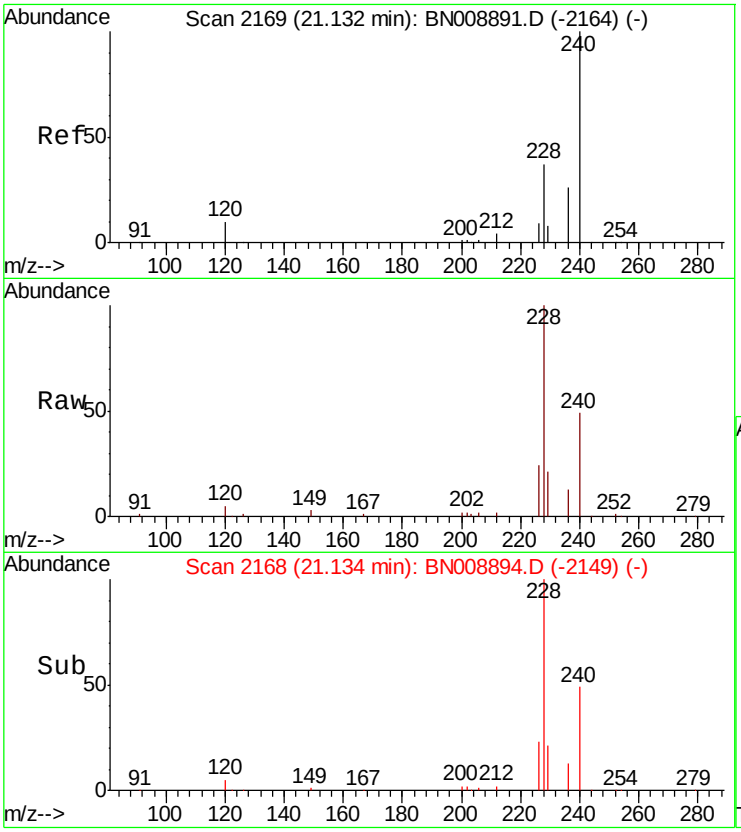


#26
Fluoranthene
Concen: 3.464 ng
RT: 19.00 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:202 Resp: 233769

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.8	13.2
203	17.2	13.8	20.6



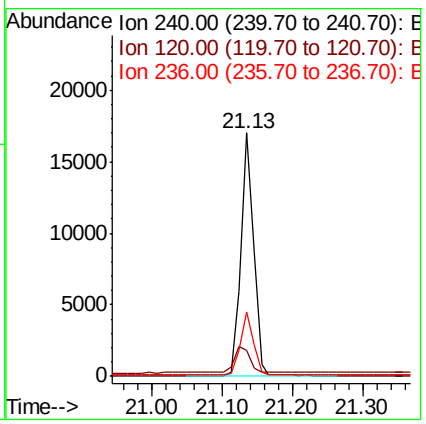


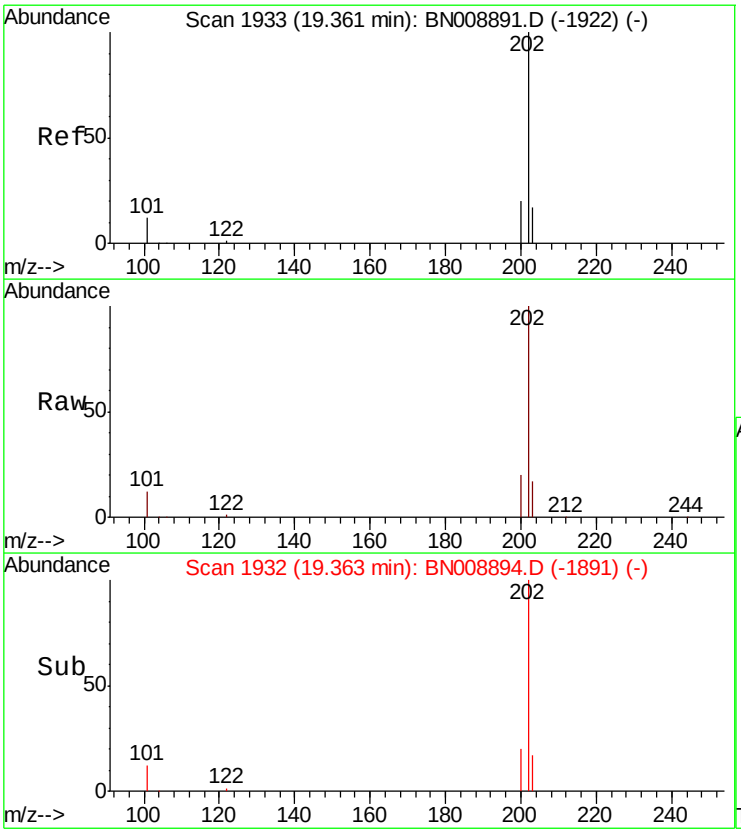
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 20887

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.1	13.7
236	26.6	21.5	32.3

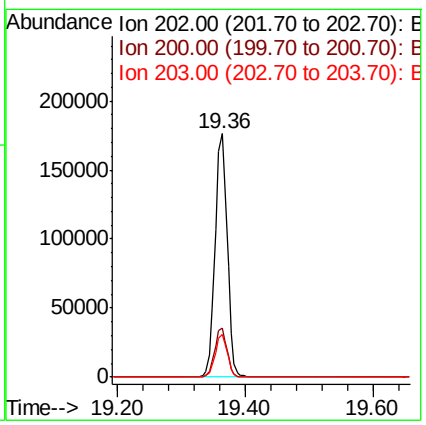


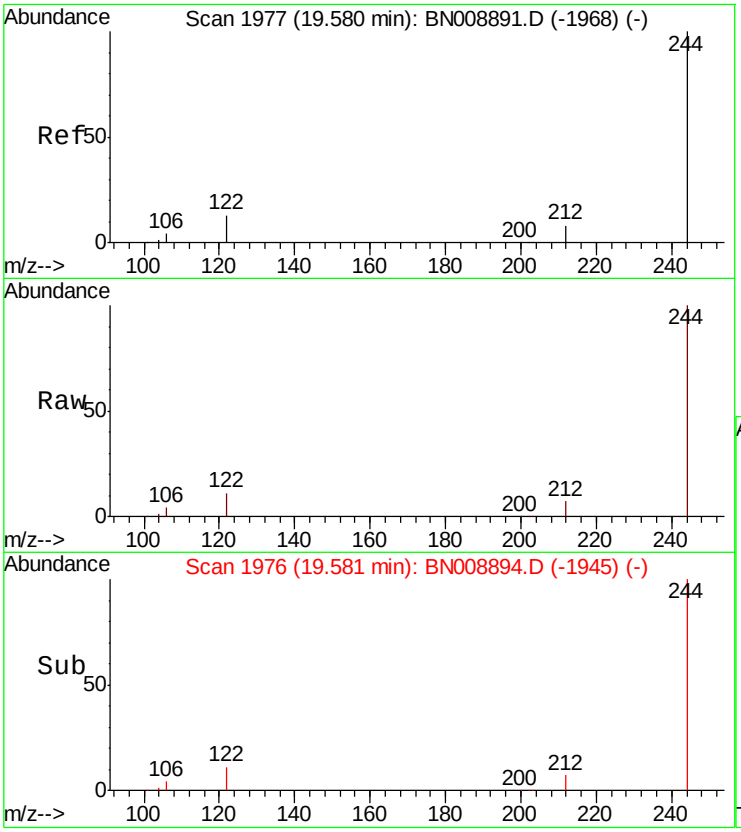


#28
Pyrene
Concen: 3.211 ng
RT: 19.36 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:202 Resp: 234003

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.4	13.9	20.9



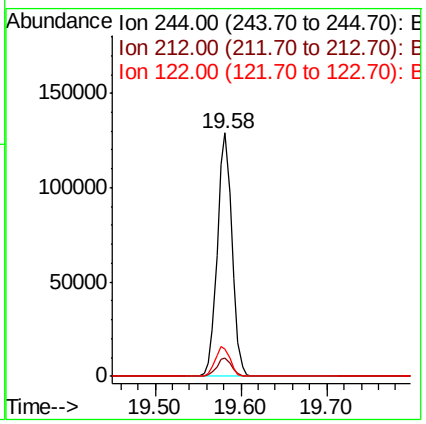


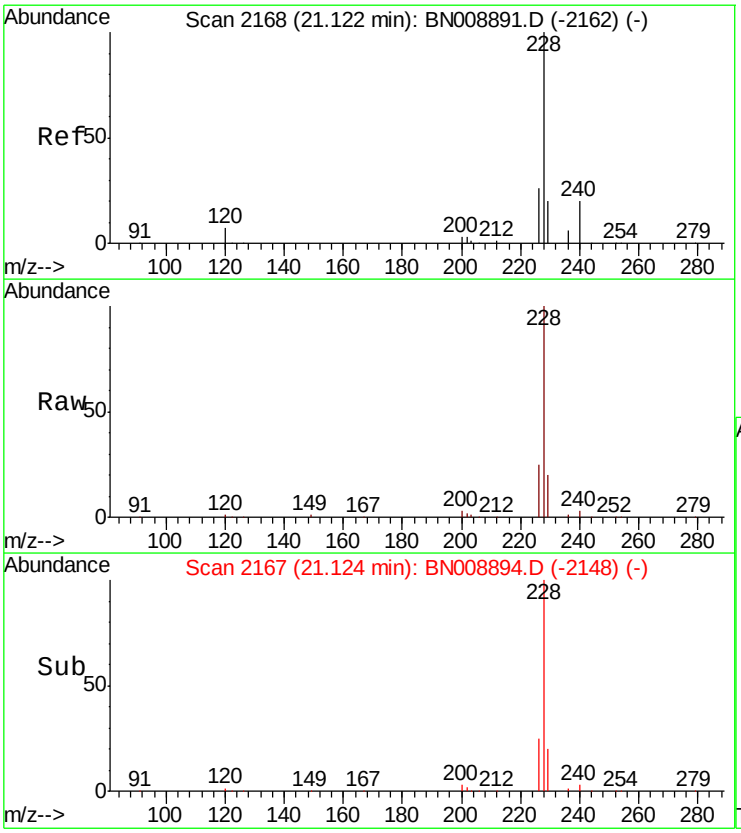
#29
Terphenyl-d14
Concen: 3.184 ng
RT: 19.58 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 153159

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.2	10.4	15.6

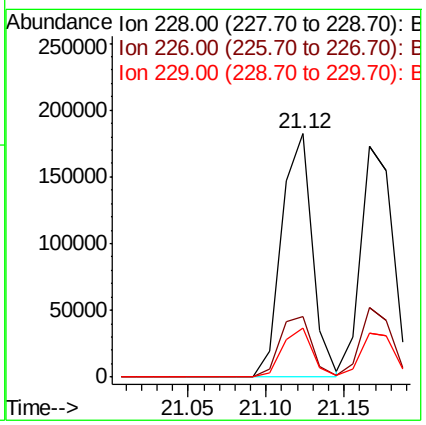


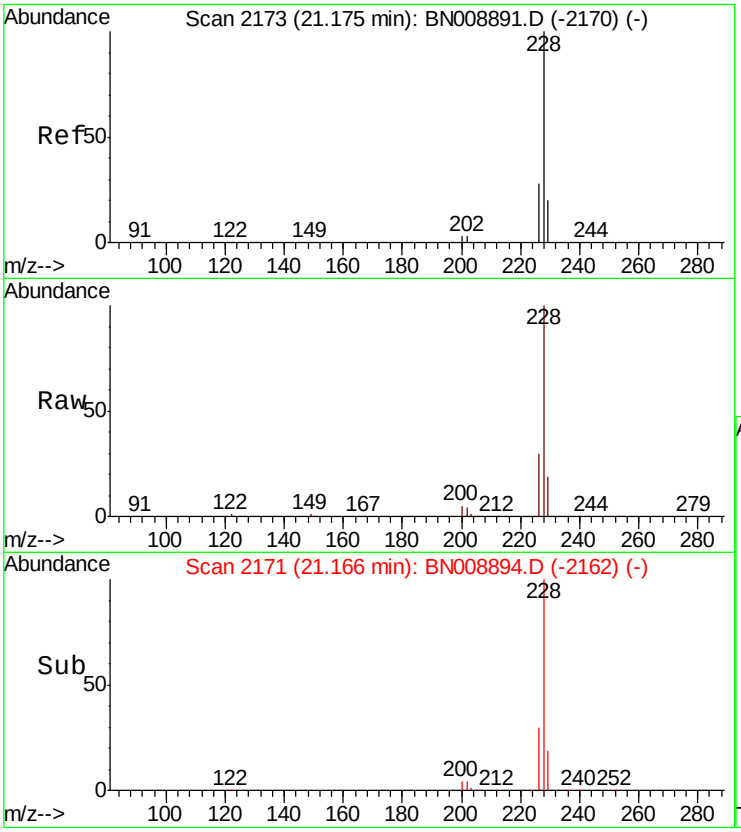


#30
Benzo(a)anthracene
Concen: 3.274 ng
RT: 21.12 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:228 Resp: 247180

Ion	Ratio	Lower	Upper
228	100		
226	25.1	20.6	30.8
229	20.1	15.9	23.9



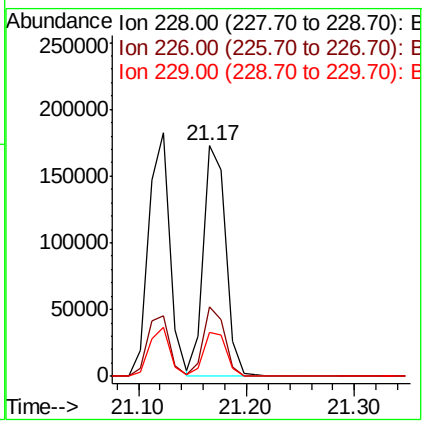


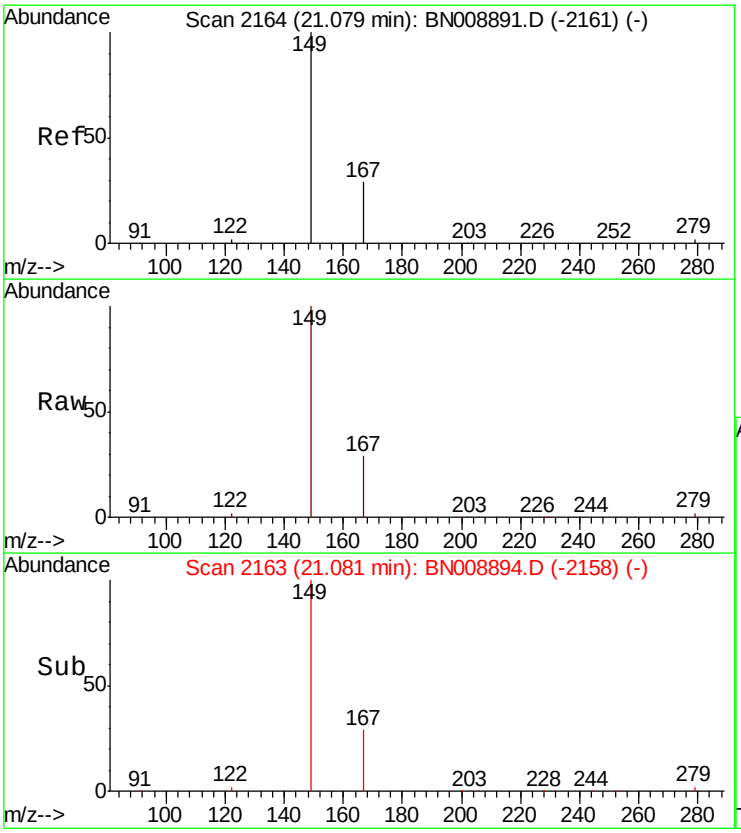
#31
Chrysene
Concen: 3.363 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 246406

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.2	33.4
229	19.0	15.9	23.9

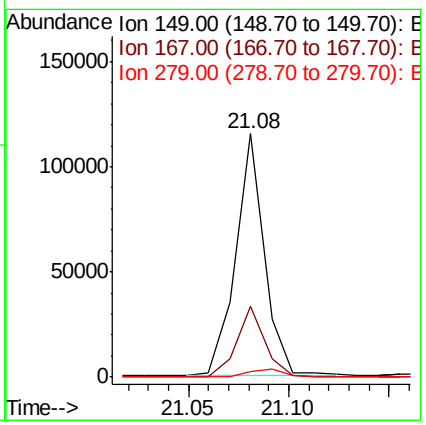


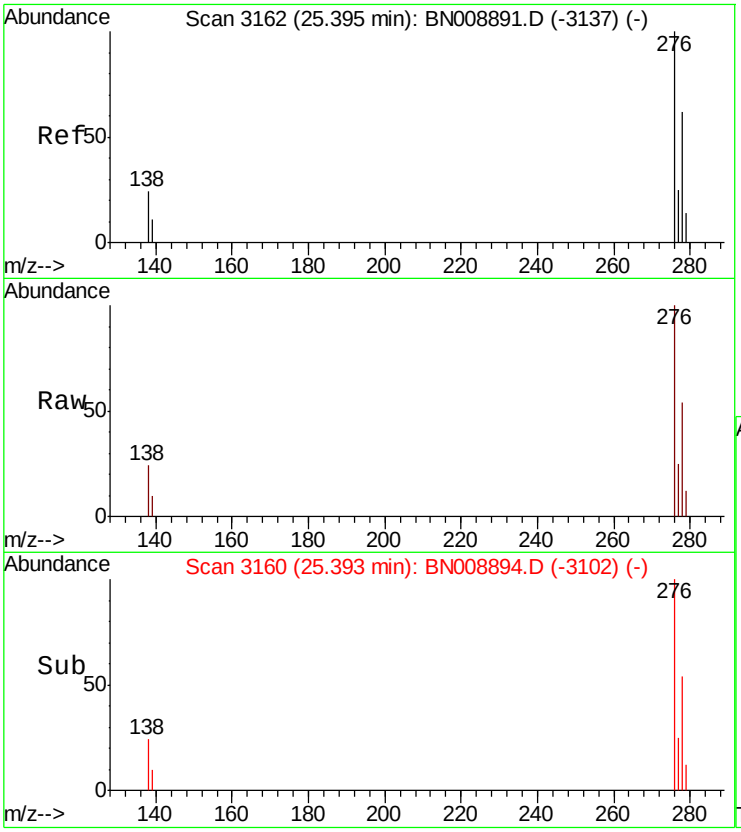


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.296 ng
RT: 21.08 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:149 Resp: 115541

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	3.9	3.3	4.9



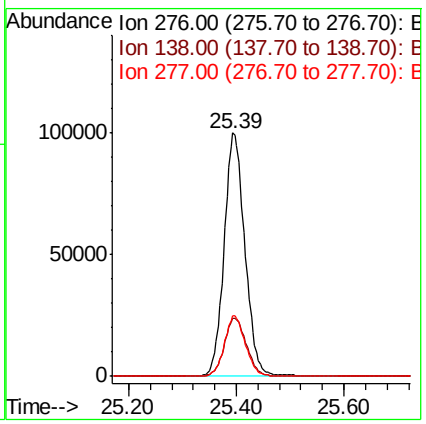


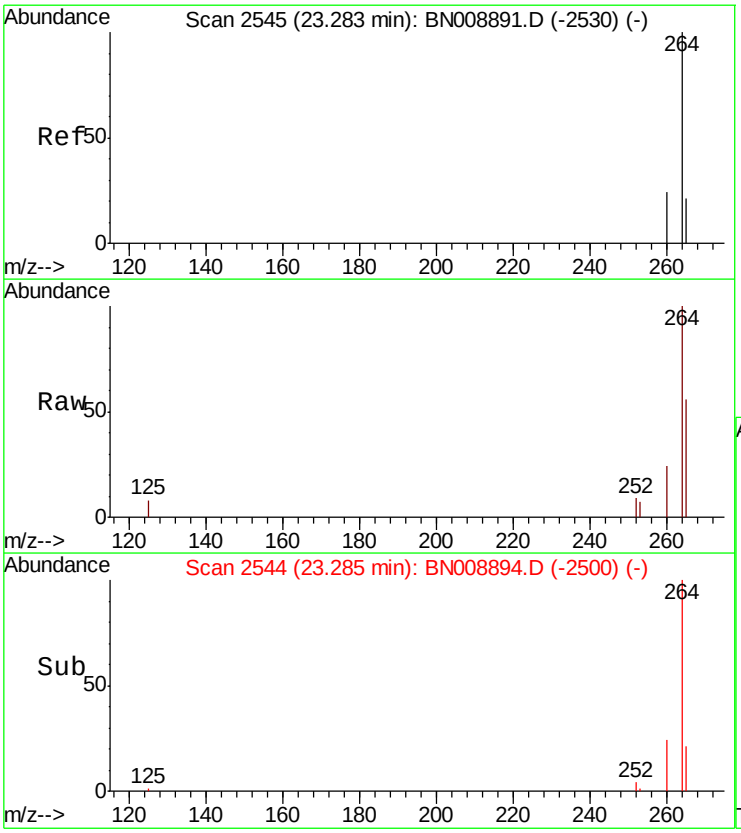
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.945 ng
RT: 25.39 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 266448

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.9	29.9
277	24.9	19.8	29.8

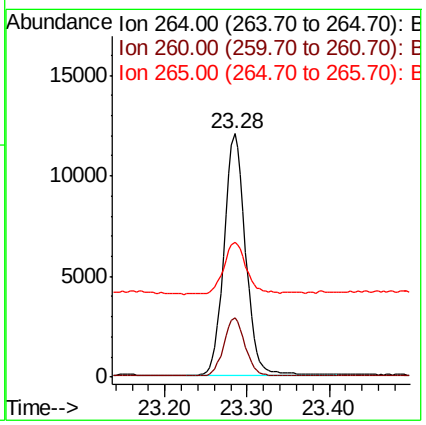


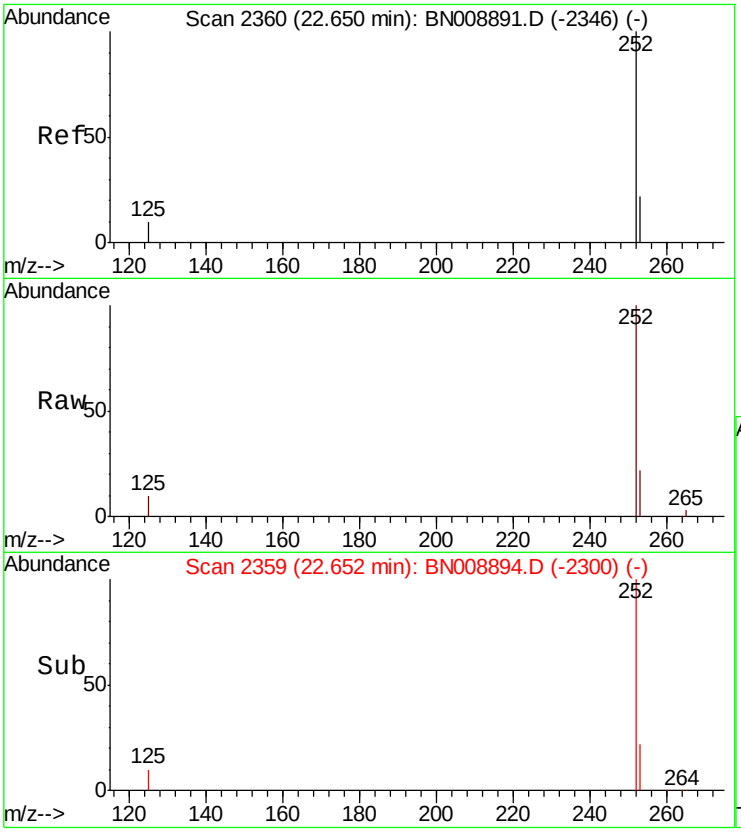


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:264 Resp: 21737

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	55.6	47.5	71.3



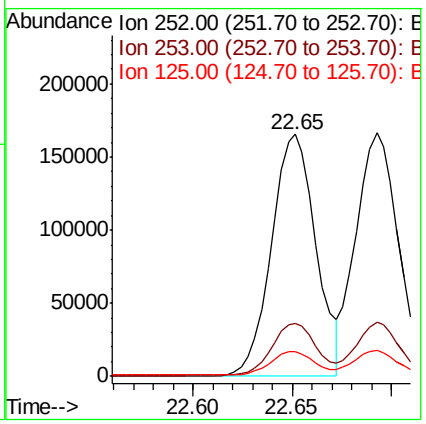


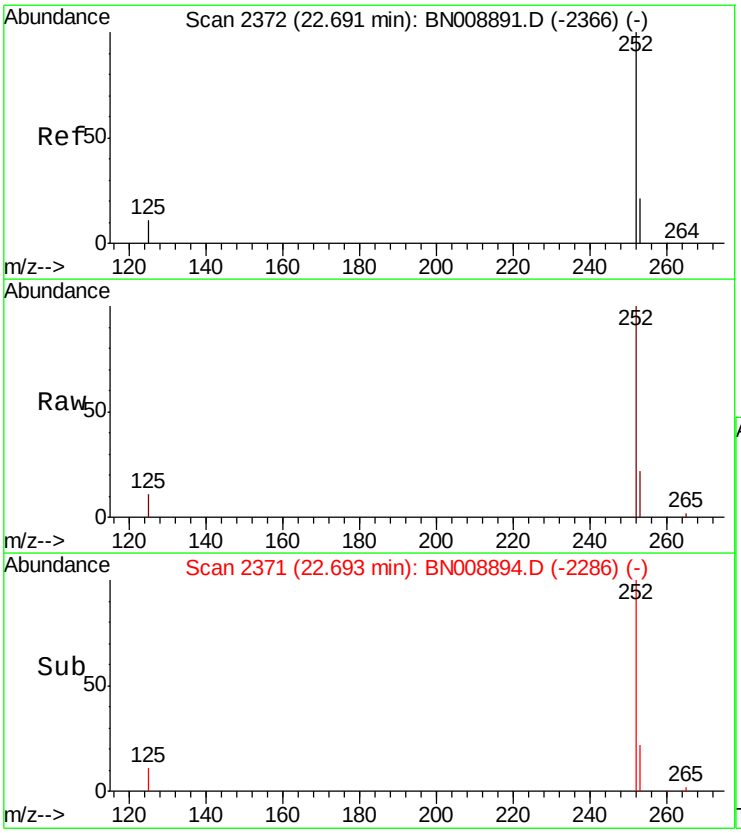
#35
Benzo(b)fluoranthene
Concen: 3.545 ng
RT: 22.65 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 255927

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.8	29.6
125	10.3	10.8	16.2#

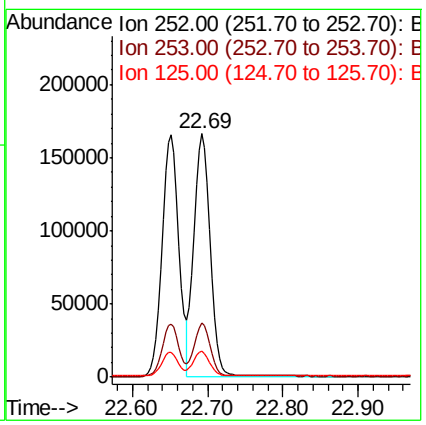


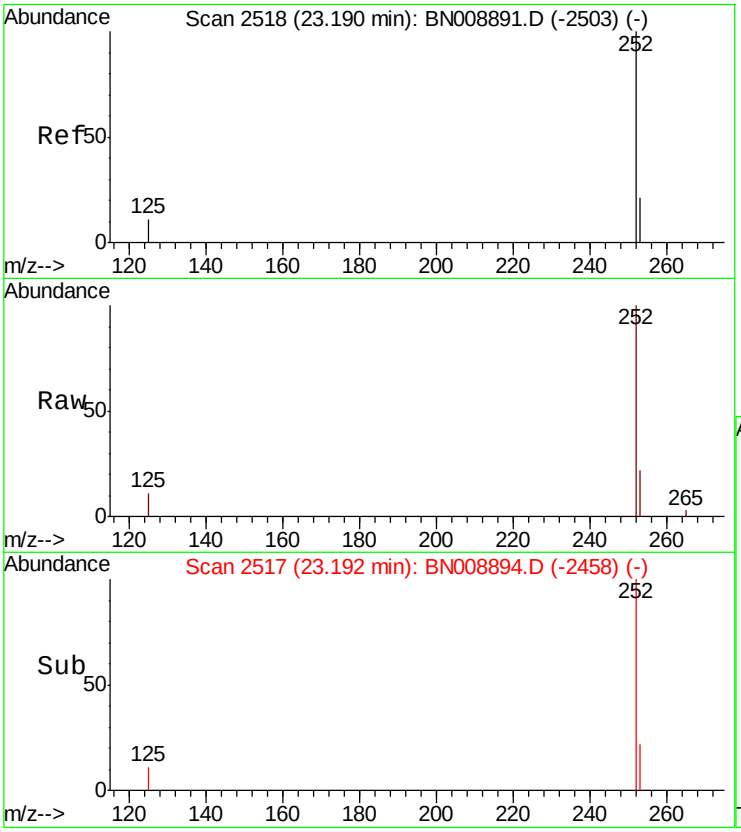


#36
Benzo(k)fluoranthene
Concen: 3.538 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:252 Resp: 250943

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	10.7	11.6	17.4#



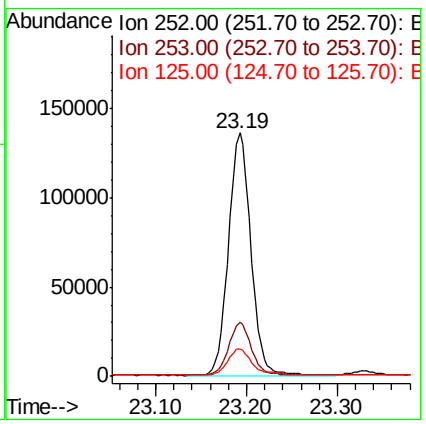


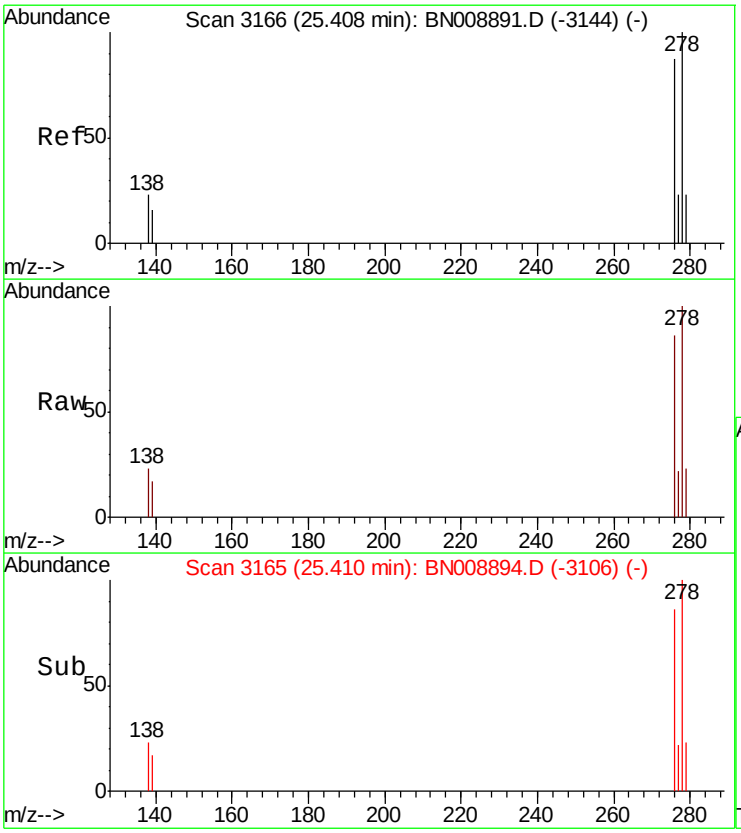
#37
Benzo(a)pyrene
Concen: 3.411 ng
RT: 23.19 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 232264

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	11.3	12.3	18.5#

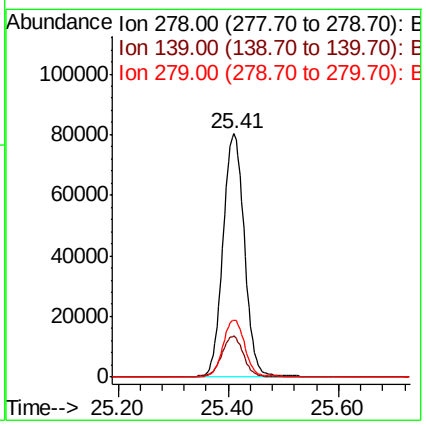


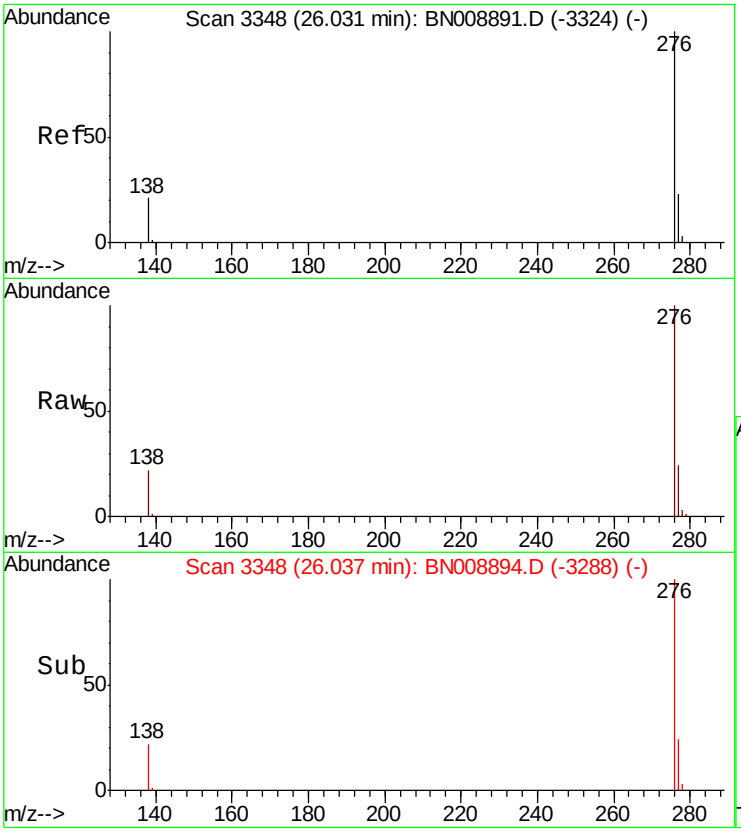


#38
Dibenzo(a,h)anthracene
Concen: 3.105 ng
RT: 25.41 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:278 Resp: 215919

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.9	20.9
279	23.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 3.007 ng
RT: 26.04 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 211744

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	21.9	17.8	26.6