Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008890.D
Acq On : 09 Dec 2019 13:19
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Dec 09 15:15:55 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	2726	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	11639	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	8523	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	19796	0.40	ng		0.00
27) Chrysene-d12	21.13	240	20828	0.40	ng		0.00
34) Perylene-d12	23.28	264	22095	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	1335	0.18	ng		0.00
5) Phenol-d6	6.75	99	1780	0.18	ng		0.00
8) Nitrobenzene-d5	8.69	82	1853	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	3786	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	712	0.15	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	6178	0.19	ng		0.00
25) Fluoranthene-d10	18.97	212	10967	0.18	ng		0.00
29) Terphenyl-d14	19.58	244	9130	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	482	0.184	ng		98
3) n-Nitrosodimethylamine	3.54	42	507	0.140	ng	#	94
6) bis(2-Chloroethyl)ether	7.00	93	1752	0.194	ng		98
9) Naphthalene	10.37	128	6139	0.198	ng		98
10) Hexachlorobutadiene	10.67	225	1158	0.189	ng	#	100
12) 2-Methylnaphthalene	11.99	142	4549	0.199	ng		98
16) Acenaphthylene	13.90	152	6966	0.175	ng		99
17) Acenaphthene	14.25	154	4898	0.194	ng		100
18) Fluorene	15.24	166	6613	0.198	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	2188	0.189	ng		100
21) Hexachlorobenzene	16.25	284	2592	0.194	ng		99
22) Pentachlorophenol	16.60	266	721	0.135	ng		96
23) Phenanthrene	16.97	178	11546	0.191	ng		100
24) Anthracene	17.06	178	9862	0.178	ng		99
26) Fluoranthene	19.00	202	13408	0.184	ng		100
28) Pyrene	19.36	202	13765	0.189	ng		100
30) Benzo(a)anthracene	21.12	228	13517	0.180	ng		99
31) Chrysene	21.17	228	14480	0.198	ng		99
32) Bis(2-ethylhexyl)phthalate	21.08	149	6540	0.130	ng		99
33) Indeno(1,2,3-cd)pyrene	25.39	276	15039	0.167	ng		99
35) Benzo(b)fluoranthene	22.65	252	14610	0.199	ng	#	94
36) Benzo(k)fluoranthene	22.69	252	14906	0.207	ng	#	86
37) Benzo(a)pyrene	23.19	252	13003	0.188	ng	#	90
38) Dibenzo(a,h)anthracene	25.41	278	12136	0.172	ng		94
39) Benzo(g,h,i)perylene	26.03	276	11867	0.166	ng		97

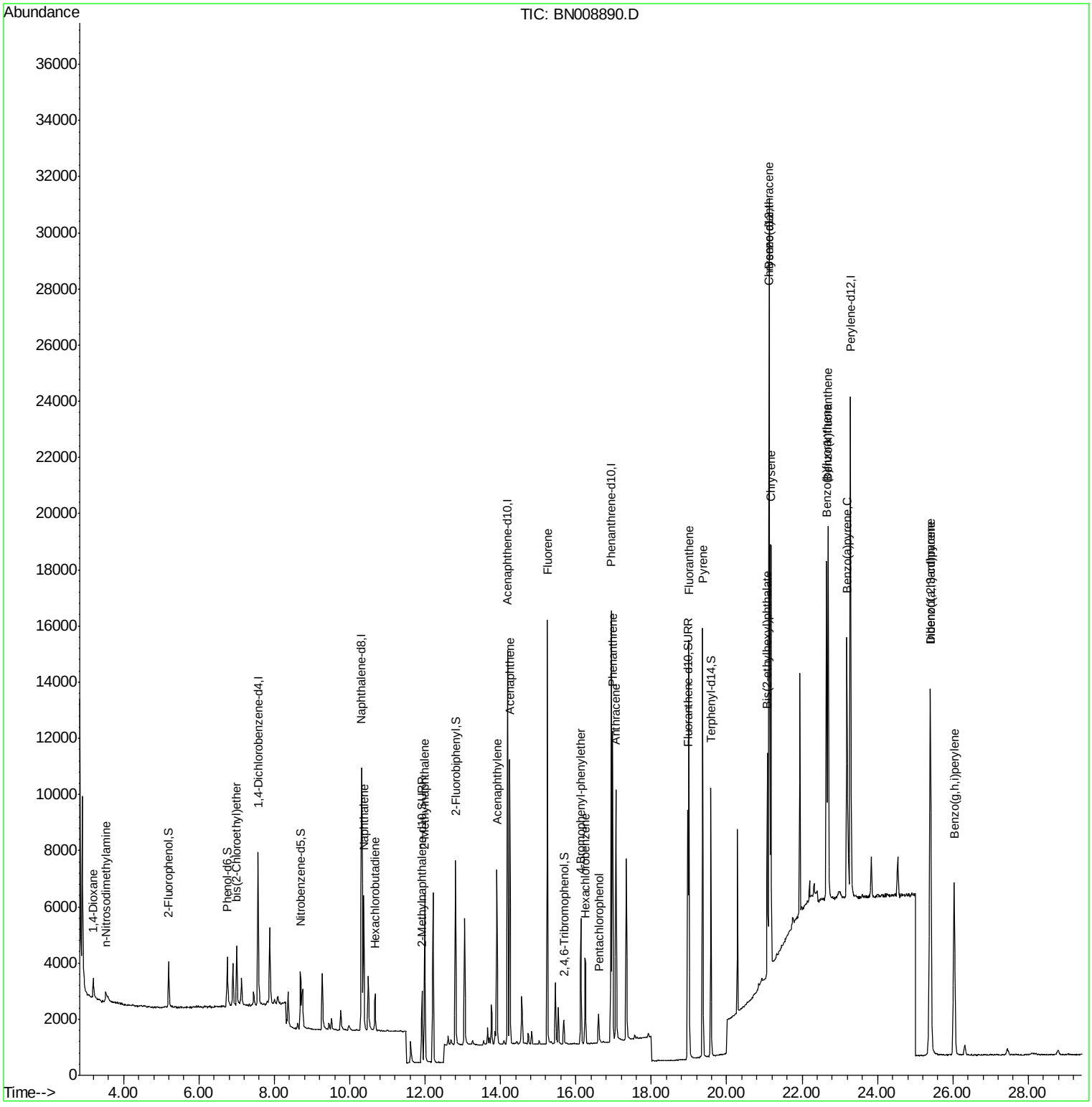
(#) = qualifier out of range (m) = manual integration (+) = signals summed

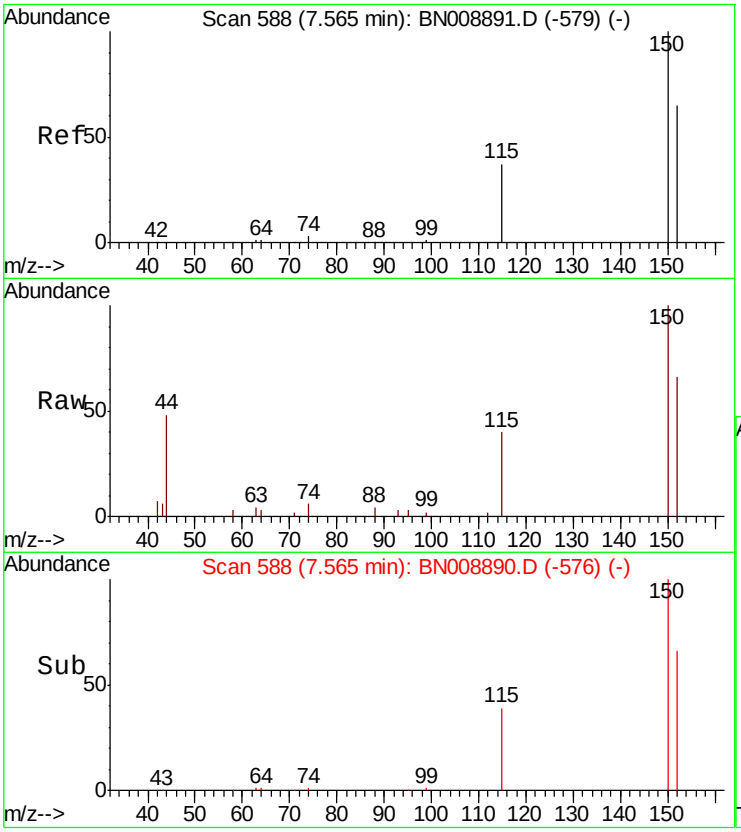
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
Data File : BN008890.D
Acq On : 09 Dec 2019 13:19
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Dec 09 15:15:55 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



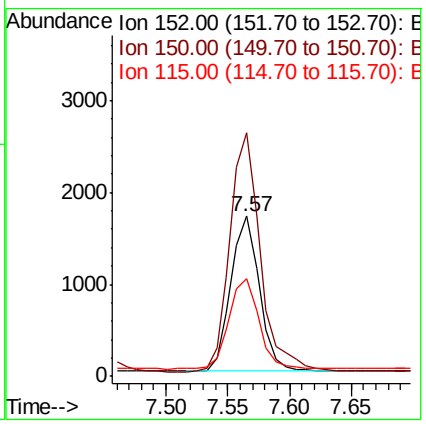


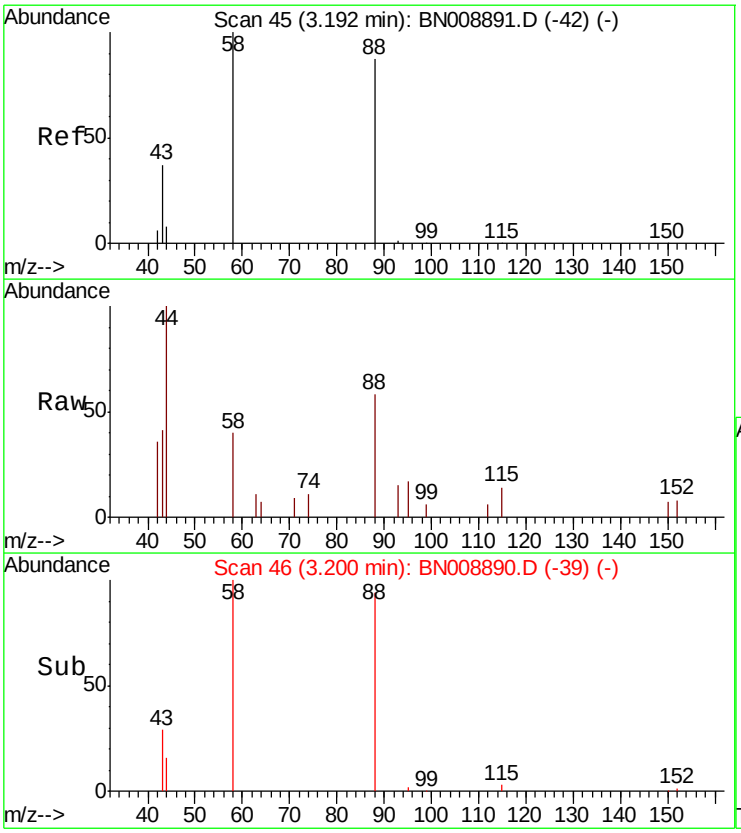
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2726

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.3	183.5
115	61.3	48.4	72.6

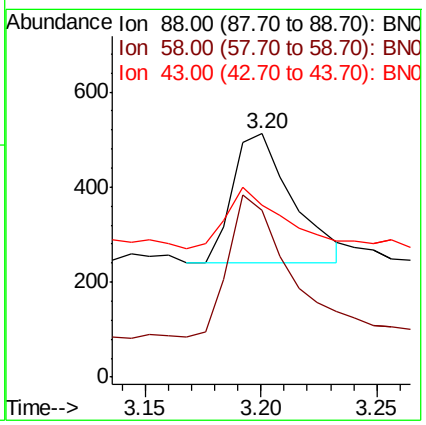


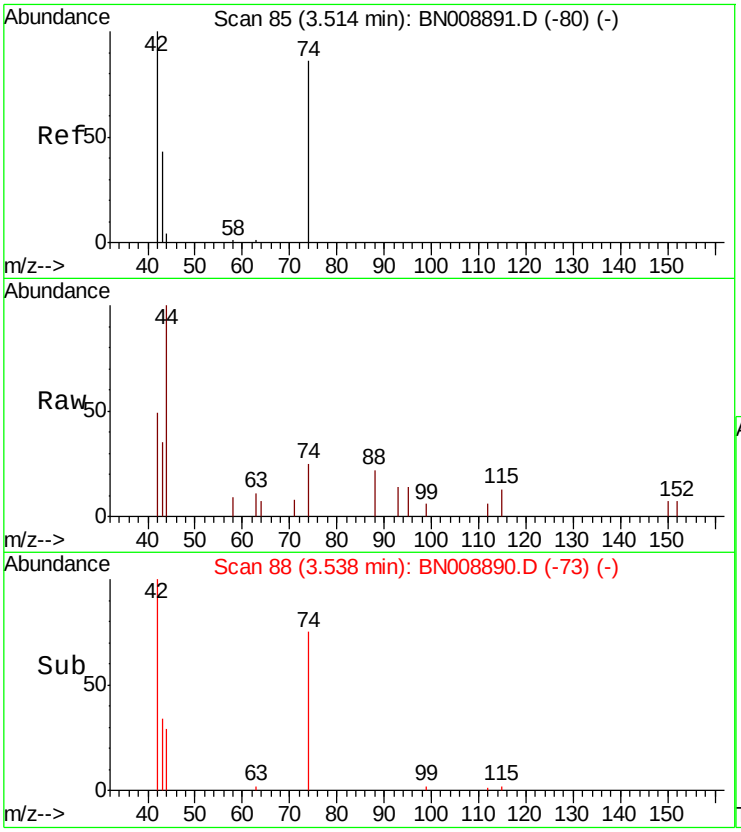


#2
1,4-Dioxane
Concen: 0.184 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion: 88 Resp: 482

Ion	Ratio	Lower	Upper
88	100		
58	110.6	88.6	132.8
43	44.8	31.8	47.8



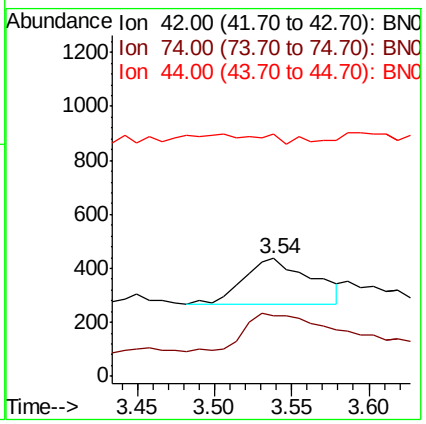


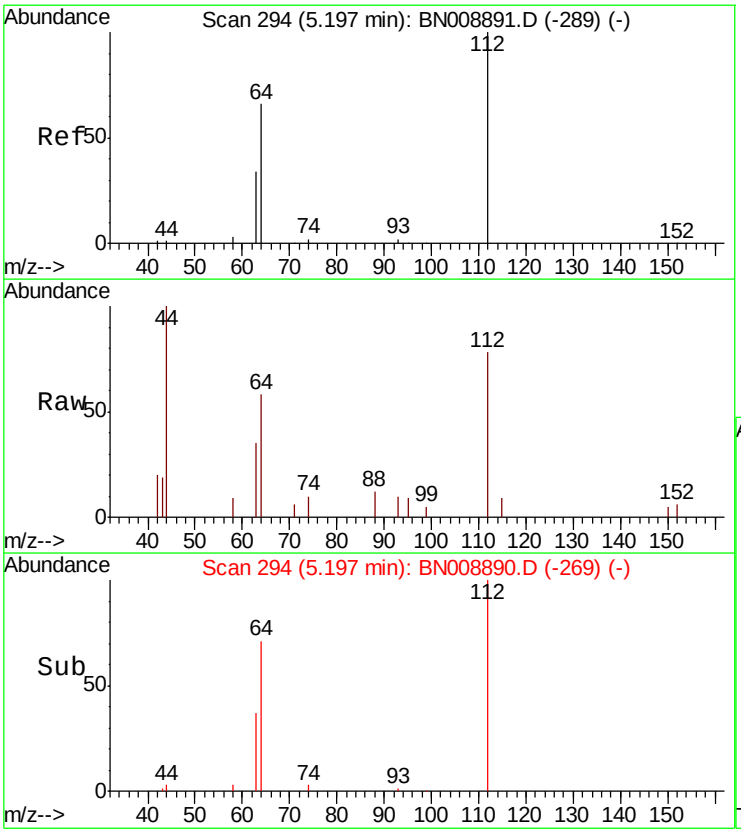
#3
n-Nitrosodimethylamine
Concen: 0.140 ng
RT: 3.54 min Scan# 88
Delta R.T. 0.02 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 507

Ion	Ratio	Lower	Upper
42	100		
74	92.7	78.6	117.8
44	0.0	0.0	0.0

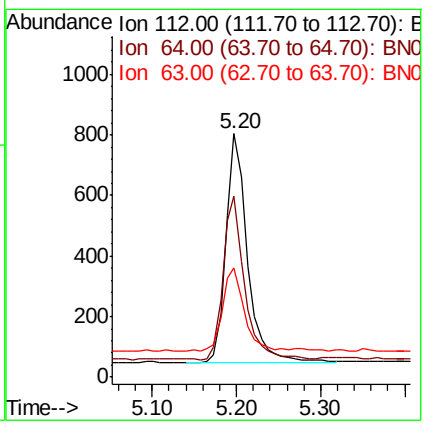


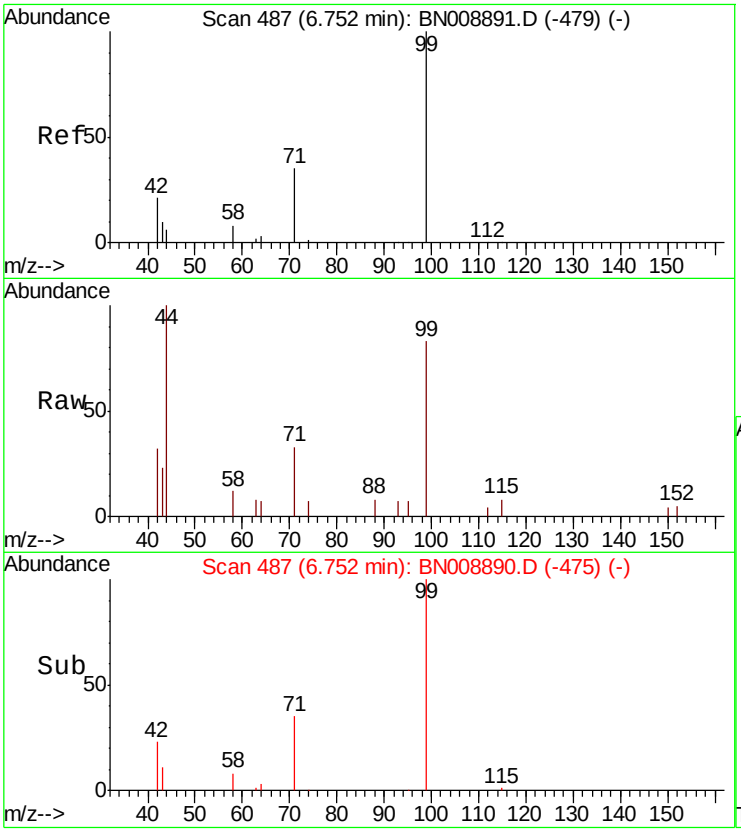


#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:112 Resp: 1335

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.7	86.5
63	35.7	29.6	44.4



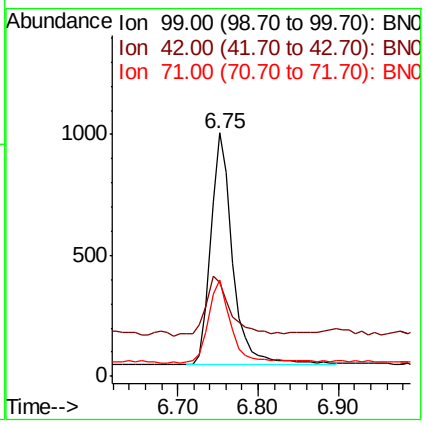


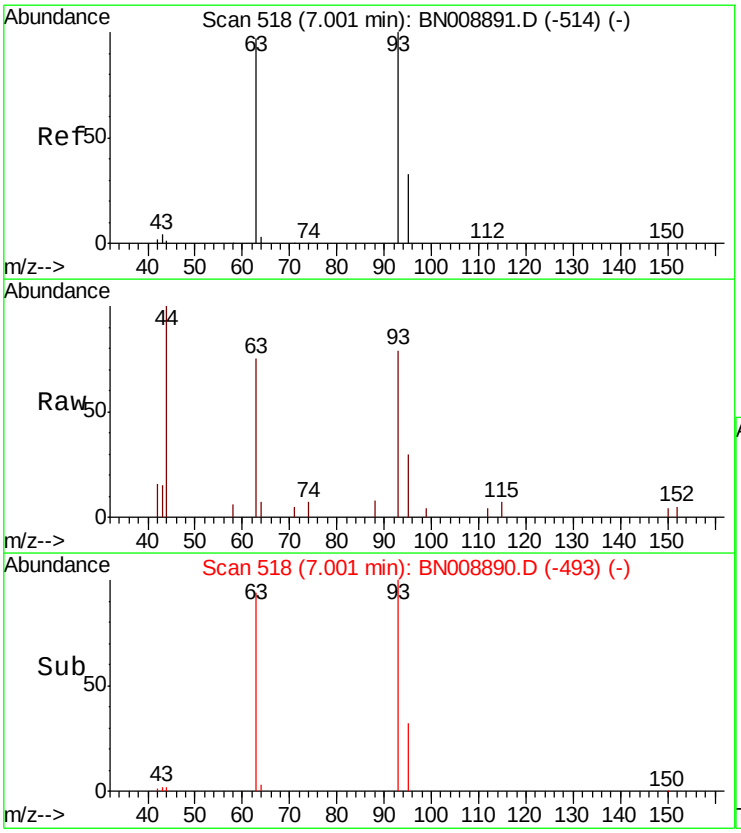
#5
Phenol-d6
Concen: 0.177 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1780

Ion	Ratio	Lower	Upper
99	100		
42	30.7	20.1	30.1#
71	37.4	28.2	42.2

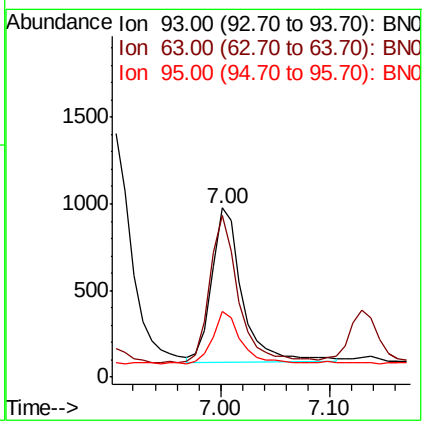


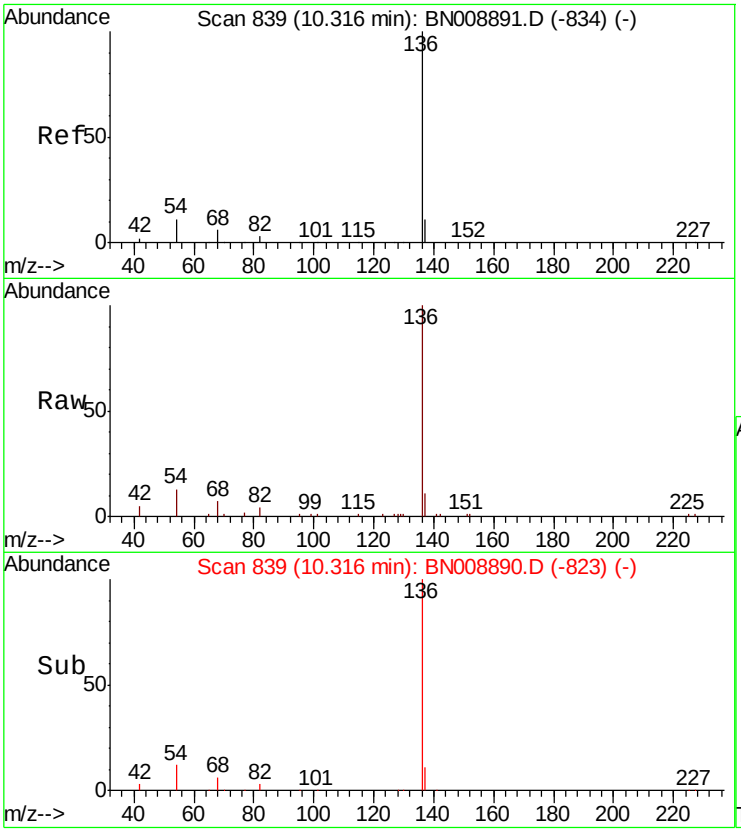


#6
bis(2-Chloroethyl)ether
Concen: 0.194 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion: 93 Resp: 1752

Ion	Ratio	Lower	Upper
93	100		
63	90.2	73.5	110.3
95	31.1	26.0	39.0



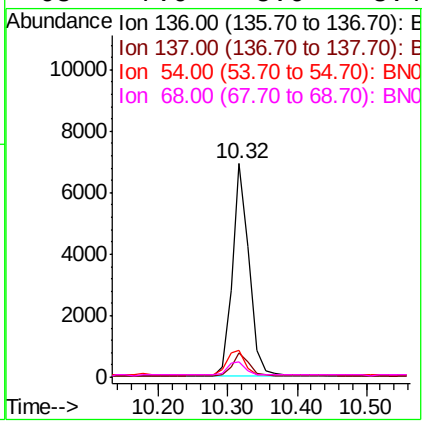


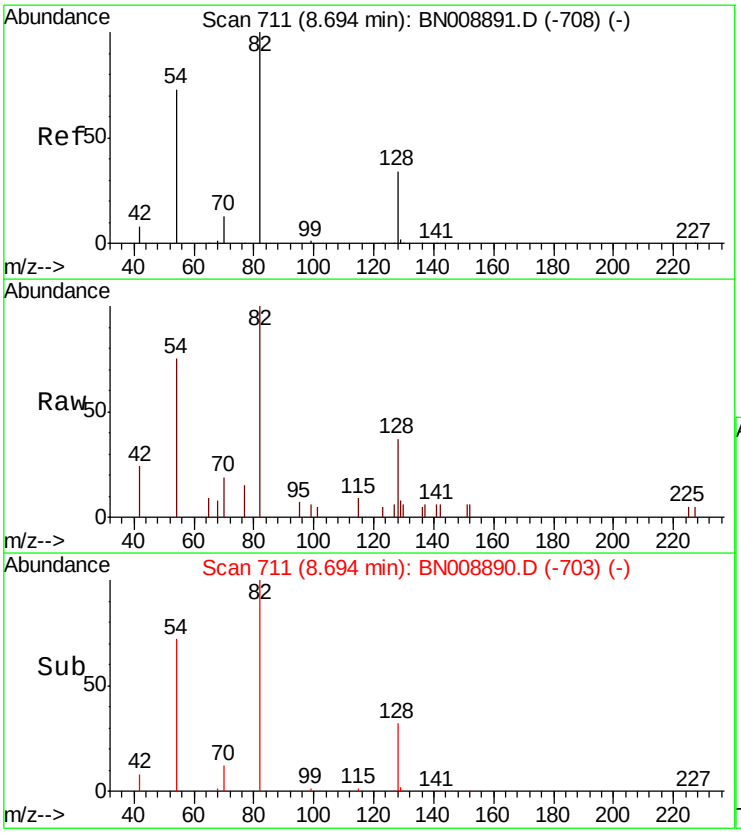
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 11639

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	12.6	9.6	14.4
68	7.0	5.6	8.4

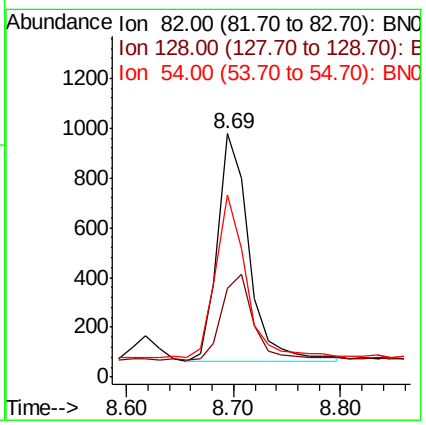


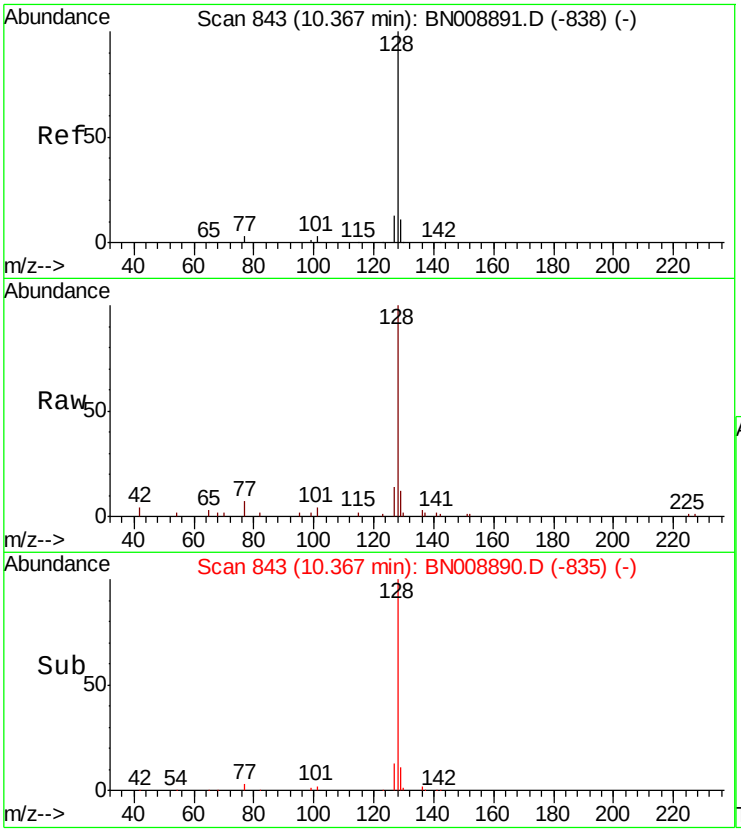


#8
Nitrobenzene-d5
Concen: 0.180 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion: 82 Resp: 1853

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.1	43.7
54	74.6	59.7	89.5



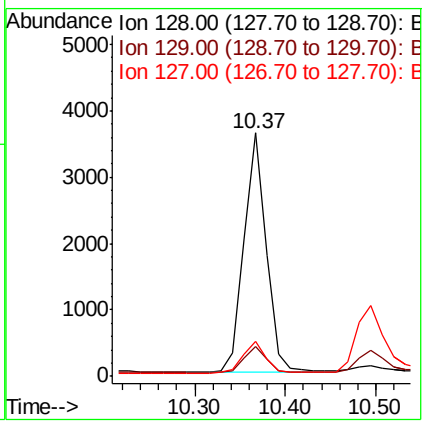


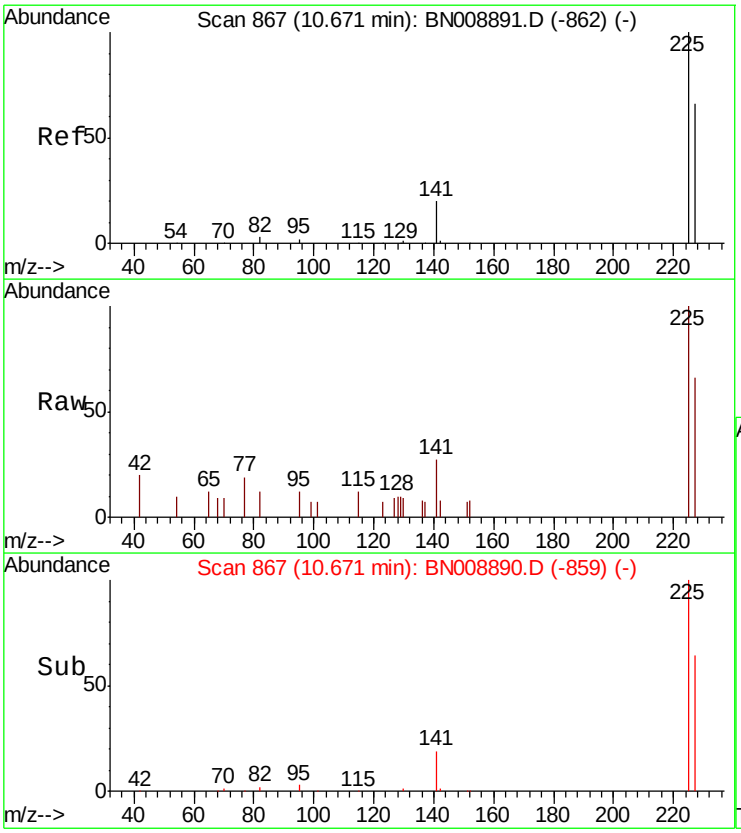
#9
Naphthalene
Concen: 0.198 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 6139

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.0
127	14.4	10.8	16.2

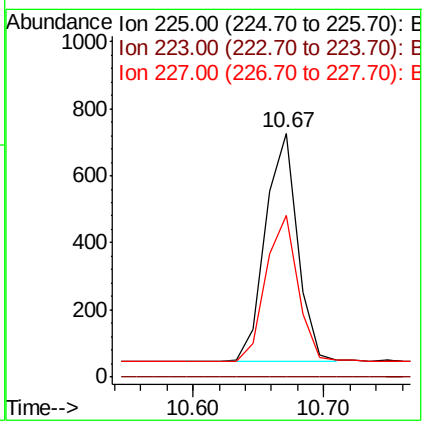


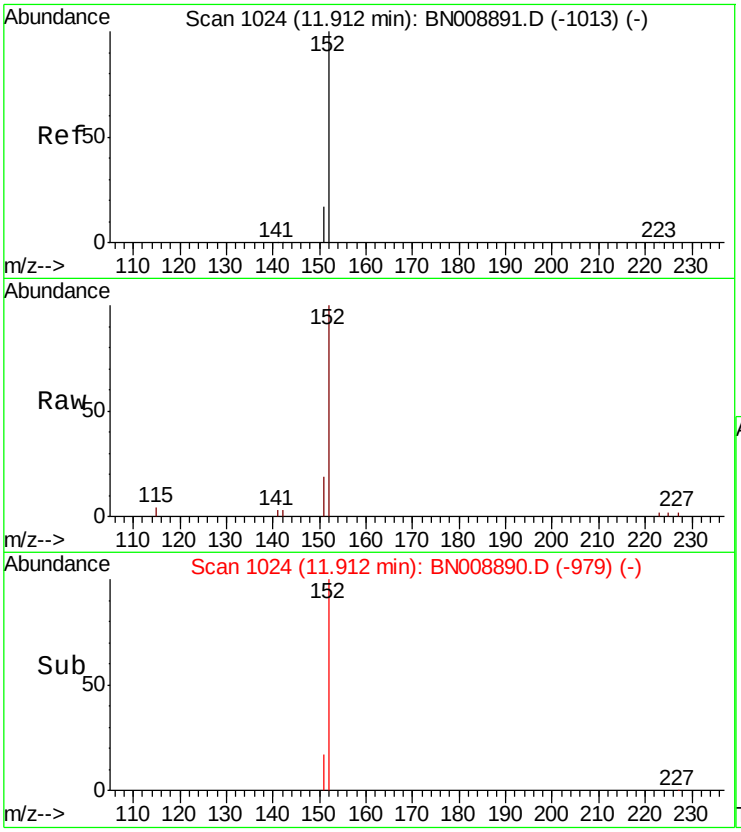


#10
Hexachlorobutadiene
Concen: 0.189 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:225 Resp: 1158

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.4	77.2



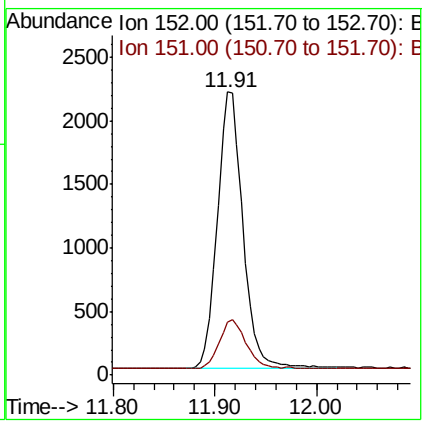


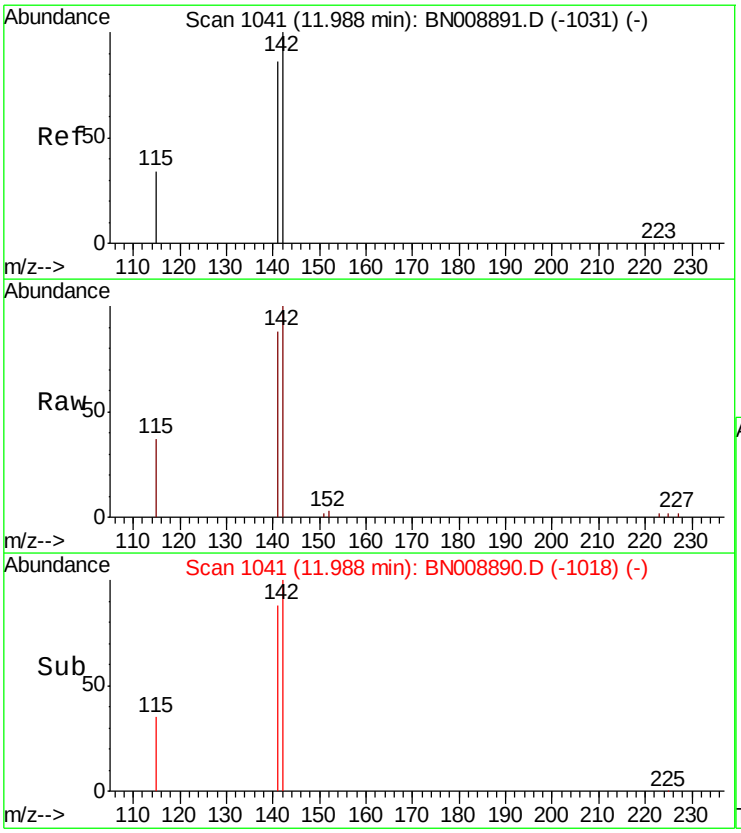
#11
2-Methylnaphthalene-d10
Concen: 0.196 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3786

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.2	22.8

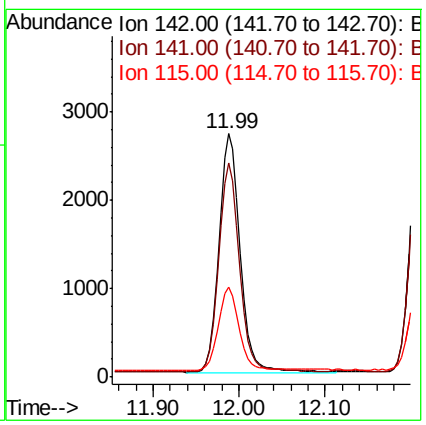


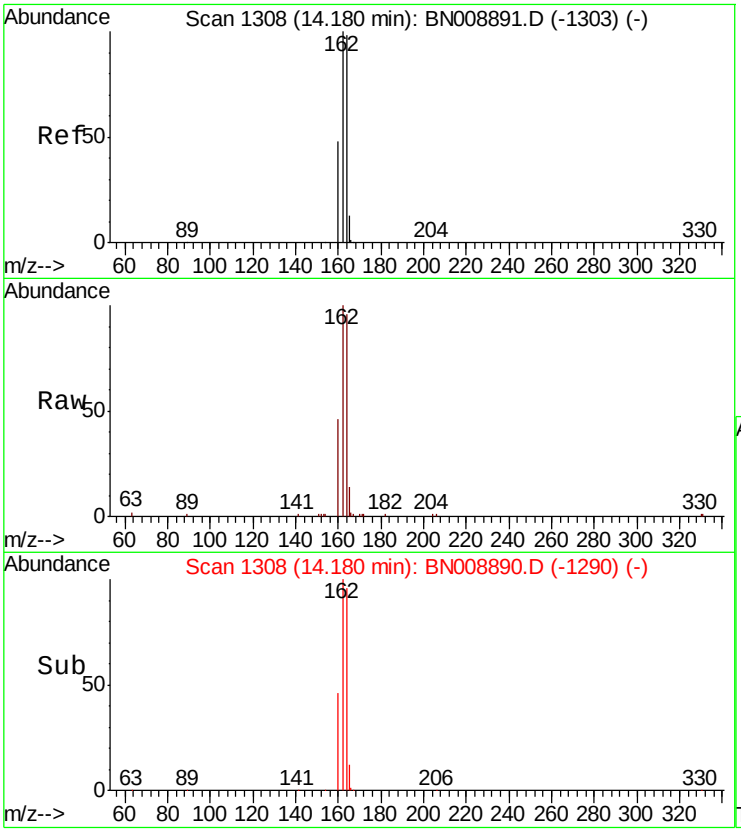


#12
2-Methylnaphthalene
Concen: 0.199 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:142 Resp: 4549

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.3	103.9
115	37.2	27.9	41.9



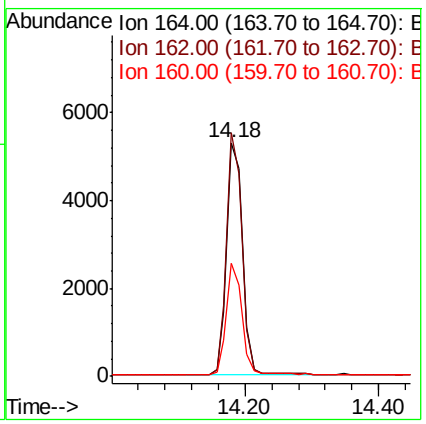


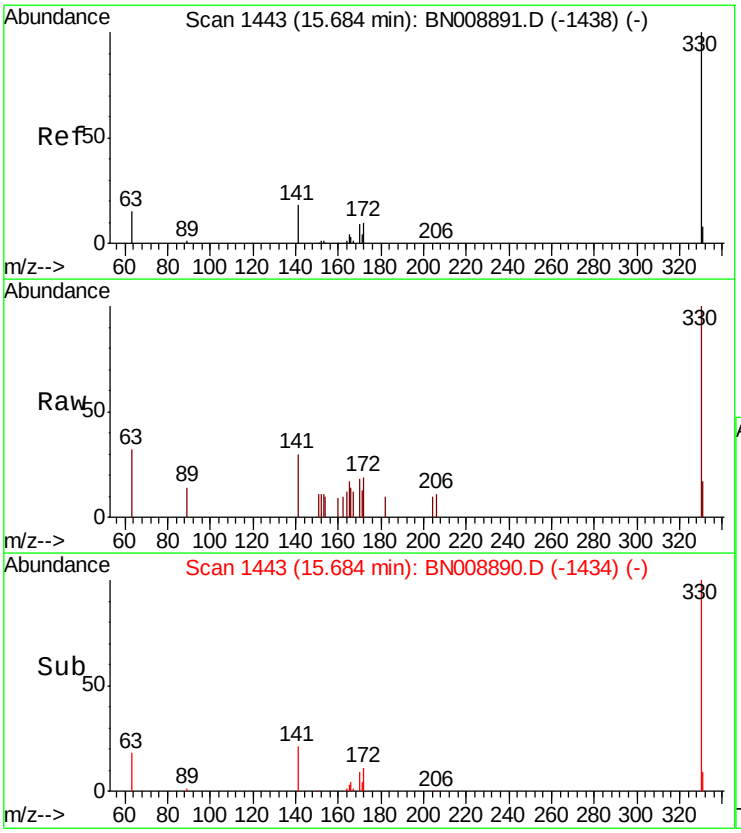
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 8523

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.9	122.9
160	48.3	39.3	58.9

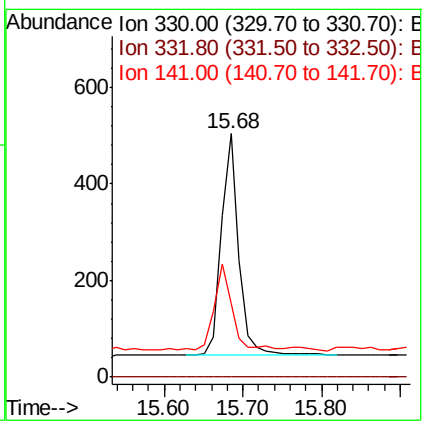


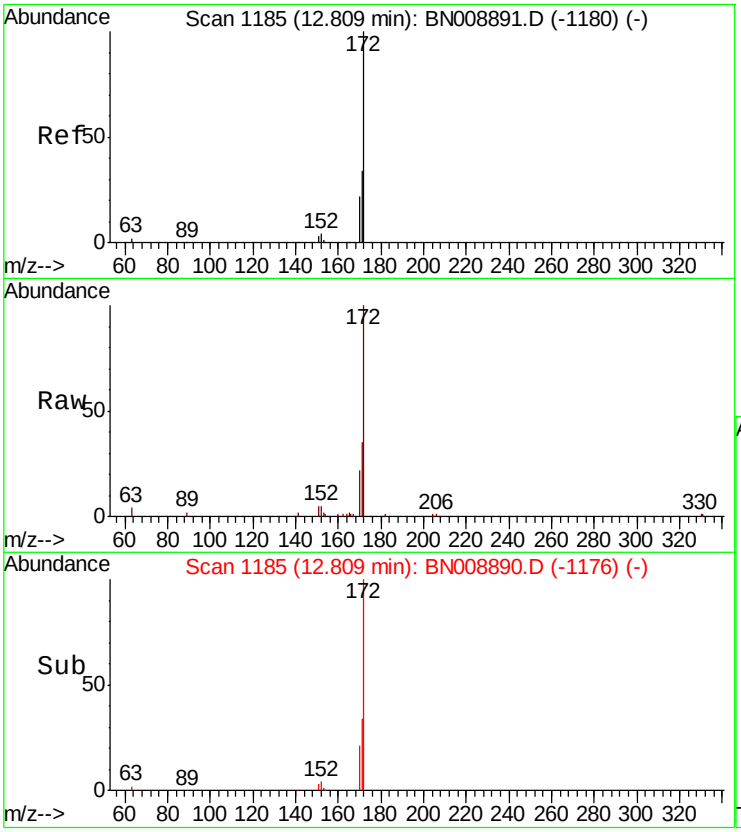


#14
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:330 Resp: 712

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.3	29.6	44.4



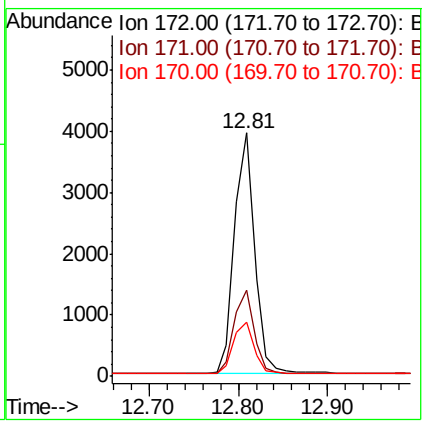


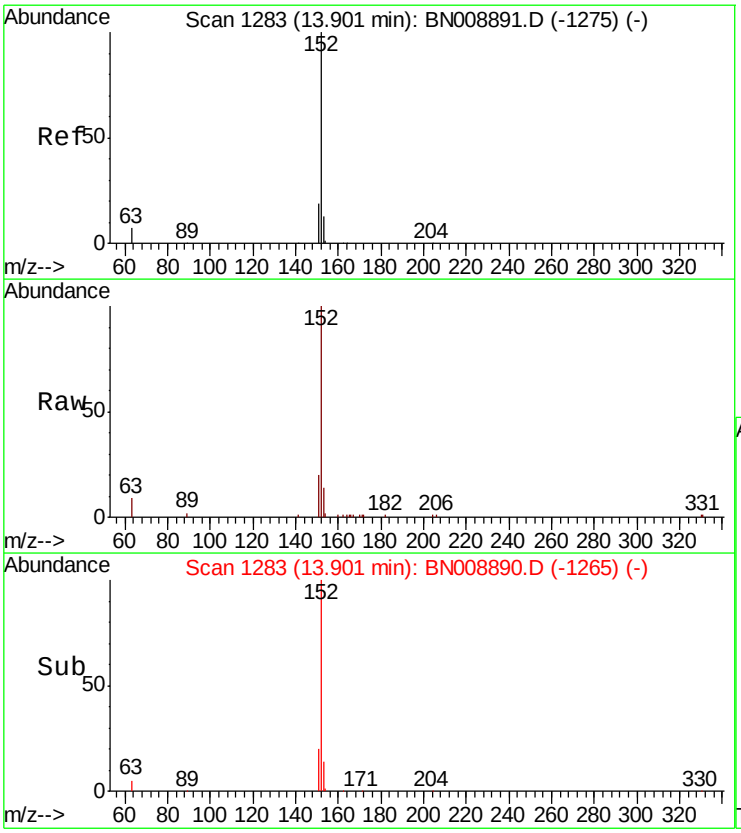
#15
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6178

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.1	40.7
170	22.4	17.7	26.5

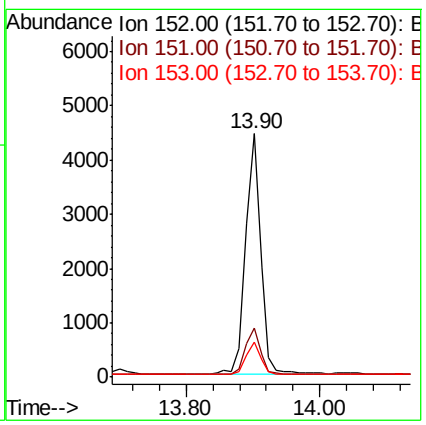


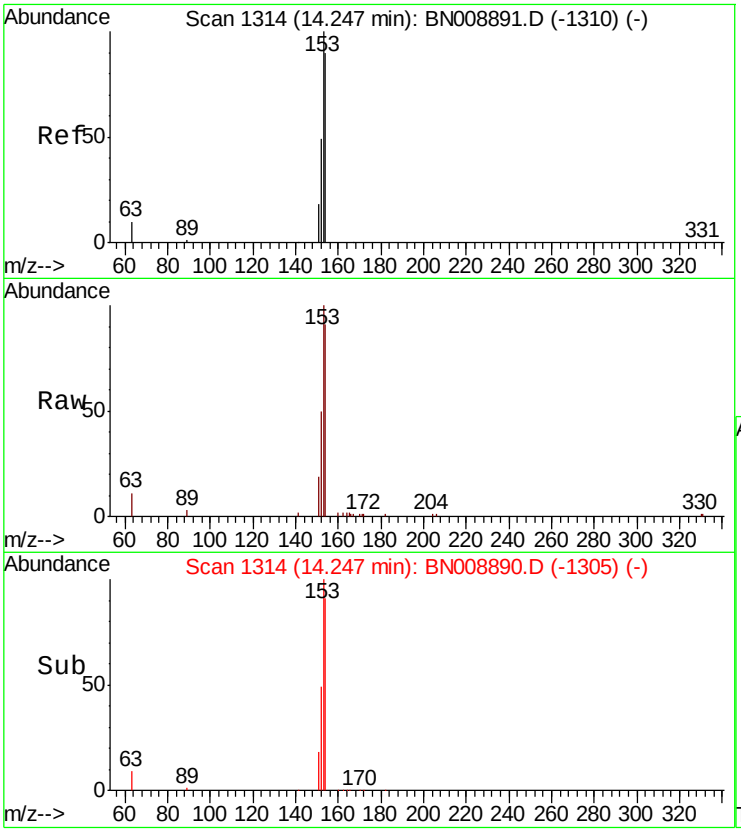


#16
Acenaphthylene
Concen: 0.175 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:152 Resp: 6966

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9
153	13.3	10.3	15.5



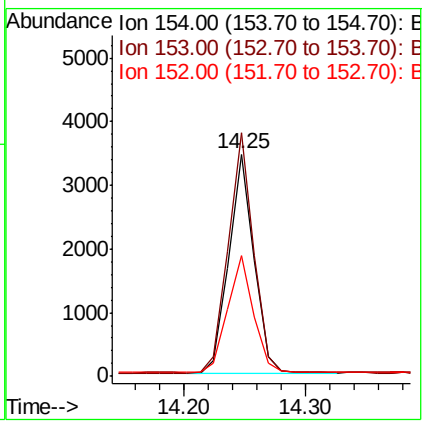


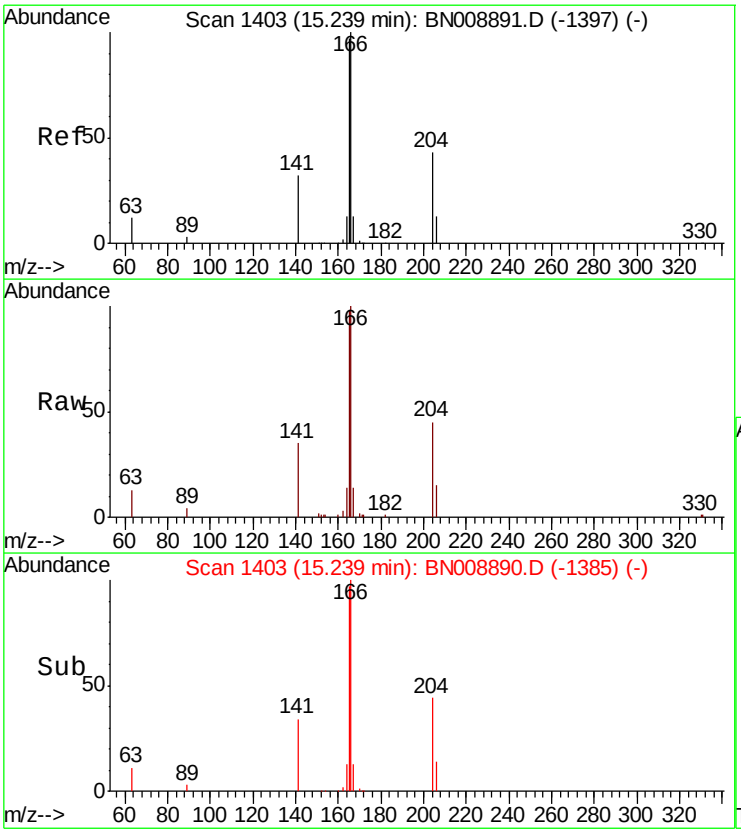
#17
Acenaphthene
Concen: 0.194 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4898

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.2	133.8
152	54.8	44.2	66.4

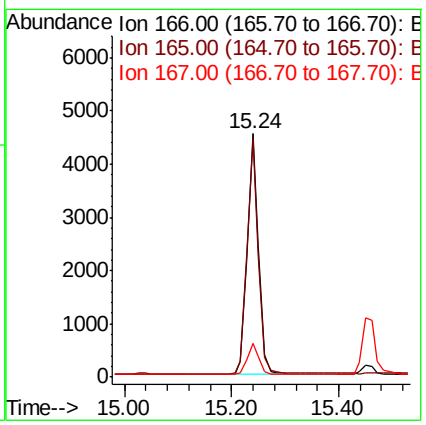


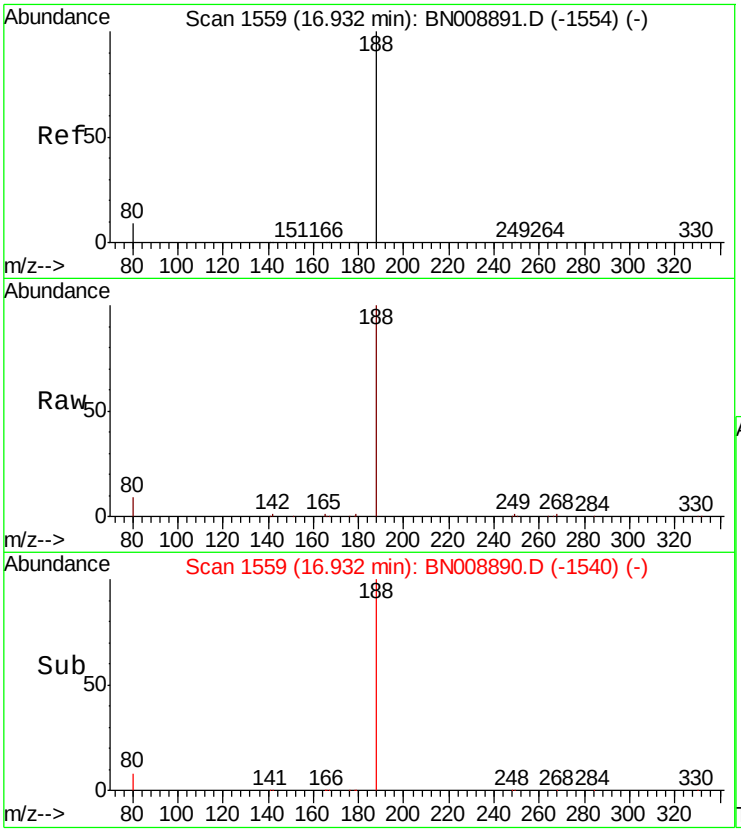


#18
Fluorene
Concen: 0.198 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:166 Resp: 6613

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.3	115.9
167	13.2	10.8	16.2



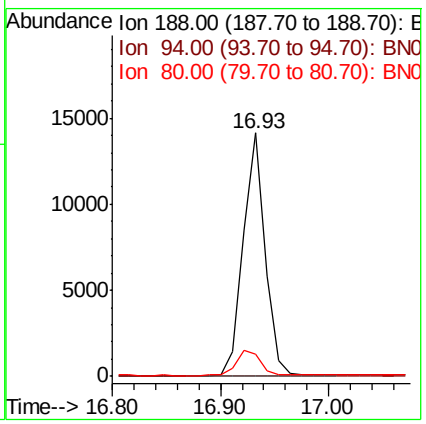


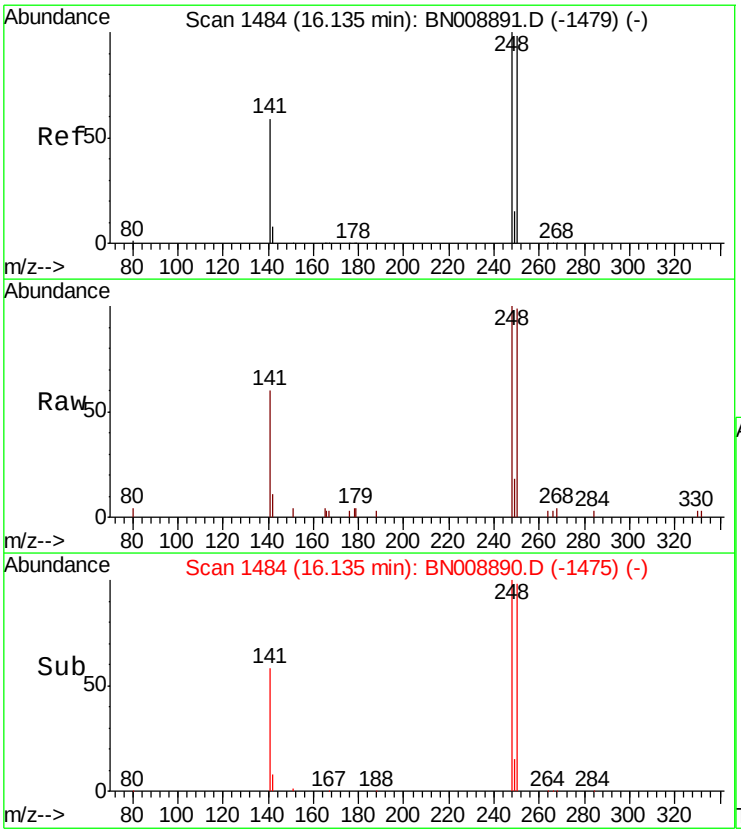
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 19796

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.3	10.9

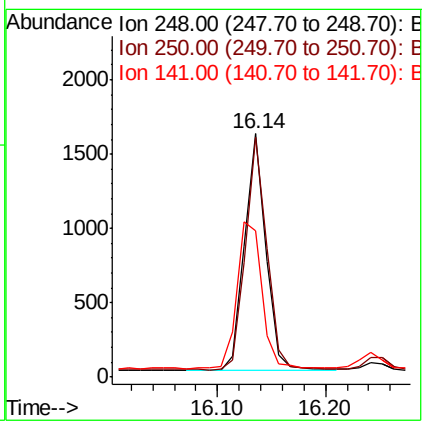


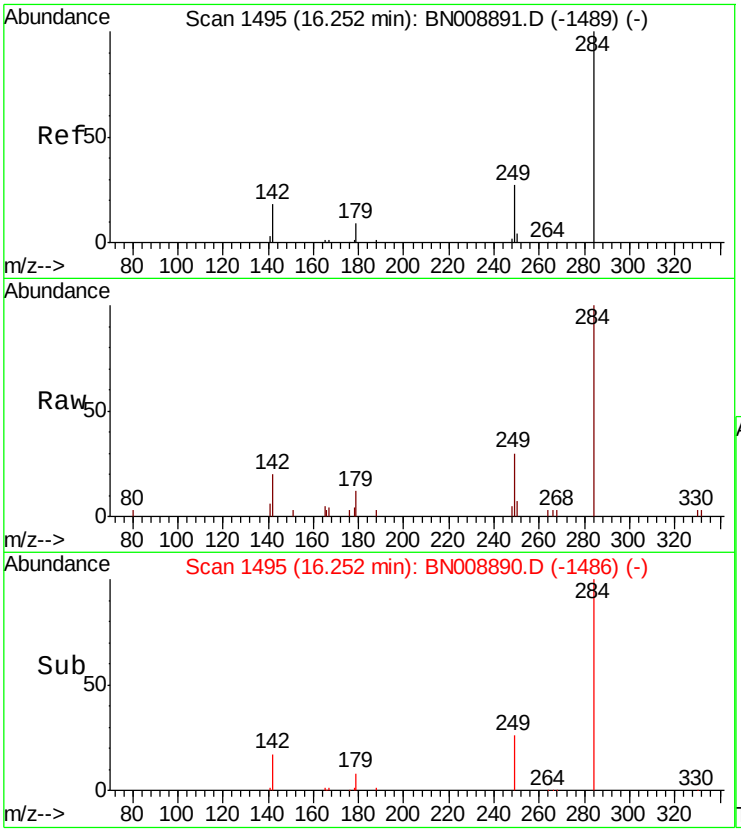


#20
4-Bromophenyl-phenylether
Concen: 0.189 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:248 Resp: 2188

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.7	118.1
141	60.3	47.9	71.9



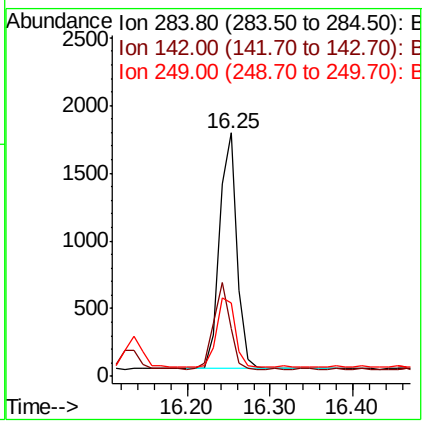


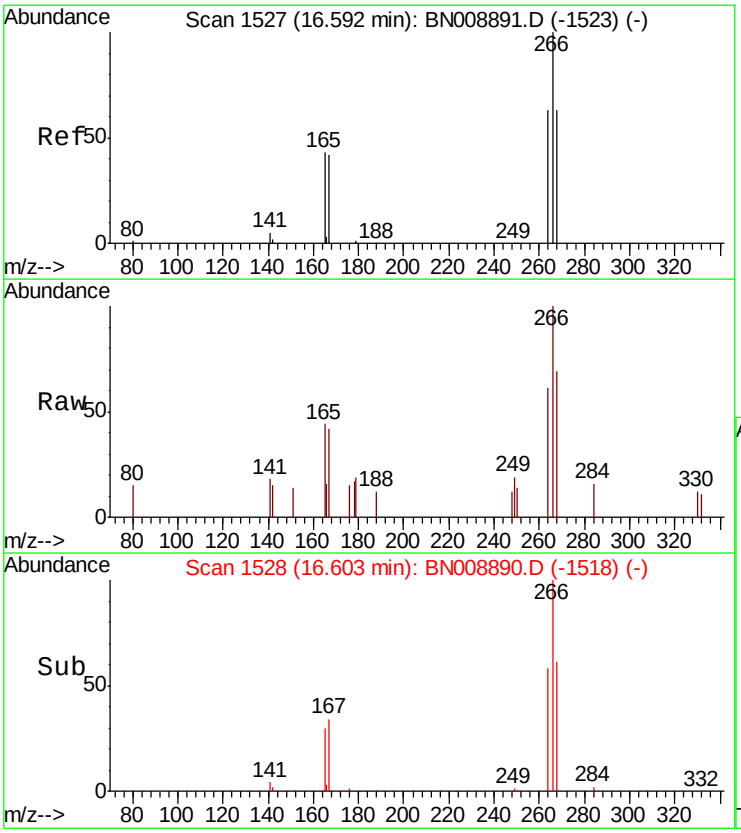
#21
Hexachlorobenzene
Concen: 0.194 ng
RT: 16.25 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2592

Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.8	41.6
249	31.2	25.3	37.9

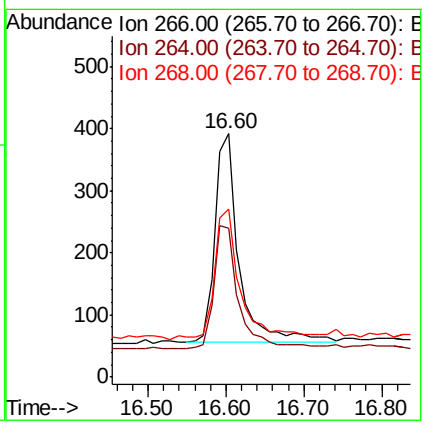


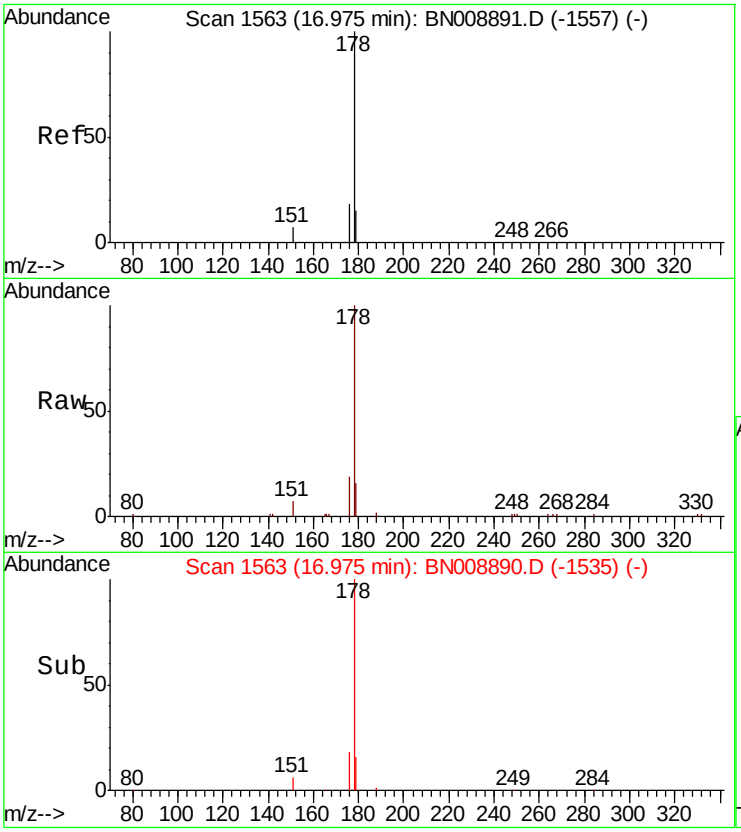


#22
Pentachlorophenol
Concen: 0.135 ng
RT: 16.60 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:266 Resp: 721

Ion	Ratio	Lower	Upper
266	100		
264	61.2	51.5	77.3
268	68.9	53.1	79.7



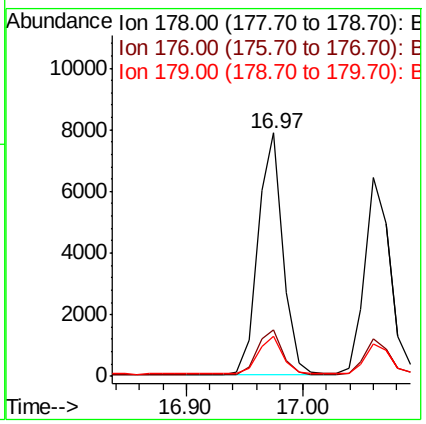


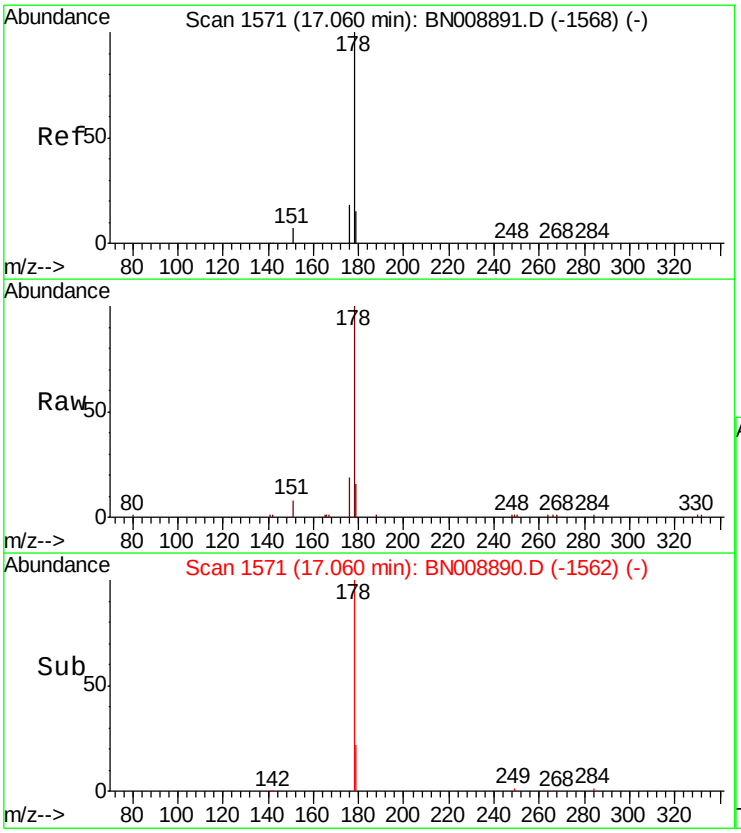
#23
Phenanthrene
Concen: 0.191 ng
RT: 16.97 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 11546

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.7	12.3	18.5

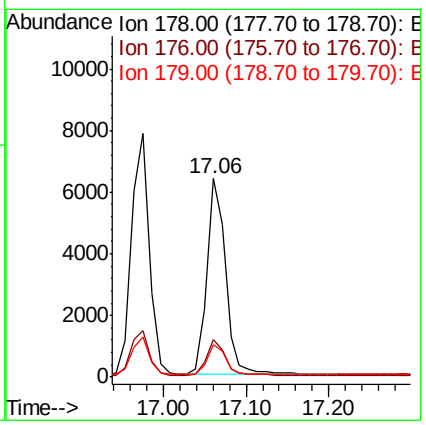


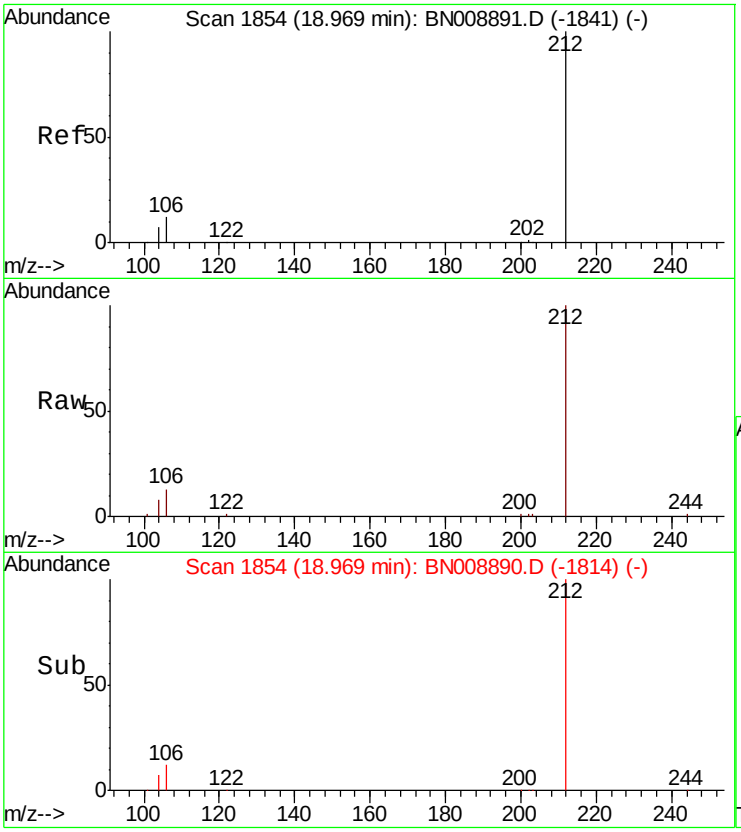


#24
Anthracene
Concen: 0.178 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:178 Resp: 9862

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.4	21.6
179	15.4	12.1	18.1



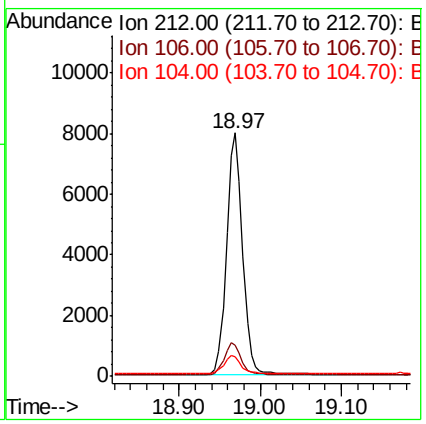


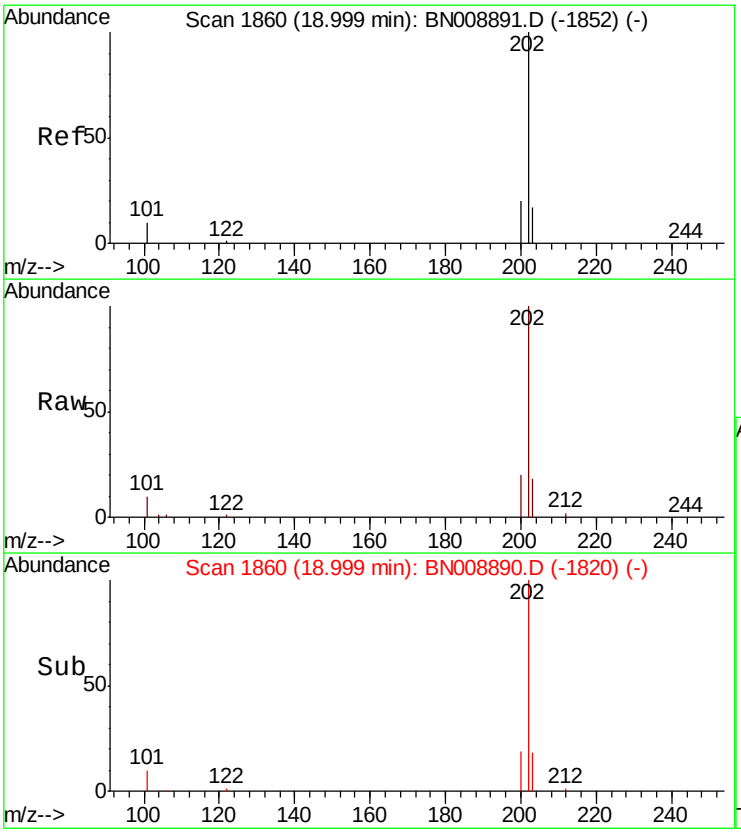
#25
Fluoranthene-d10
Concen: 0.183 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 10967

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.4	15.6
104	7.8	5.9	8.9

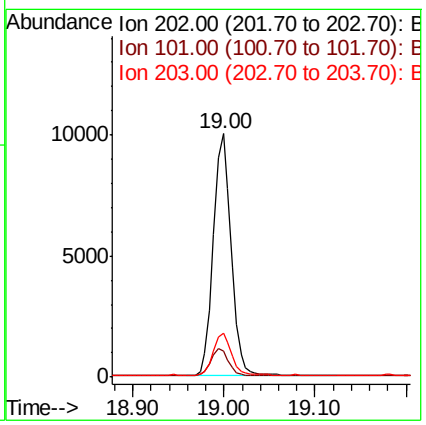


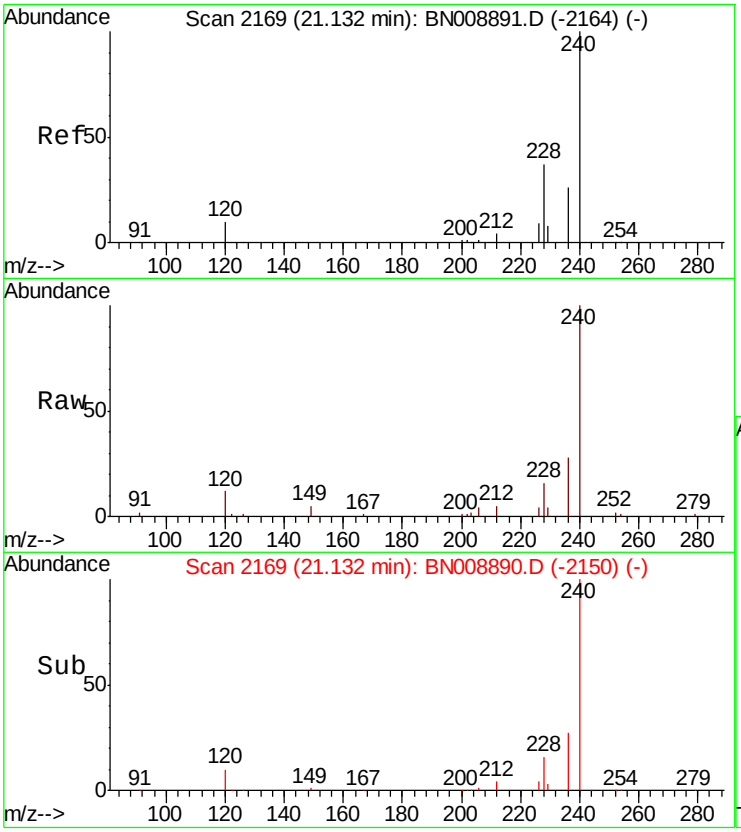


#26
Fluoranthene
Concen: 0.184 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:202 Resp: 13408

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
203	17.3	13.8	20.6



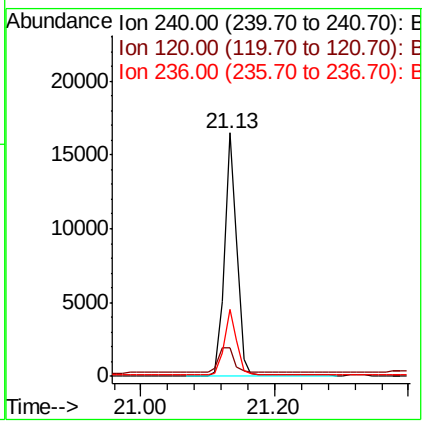


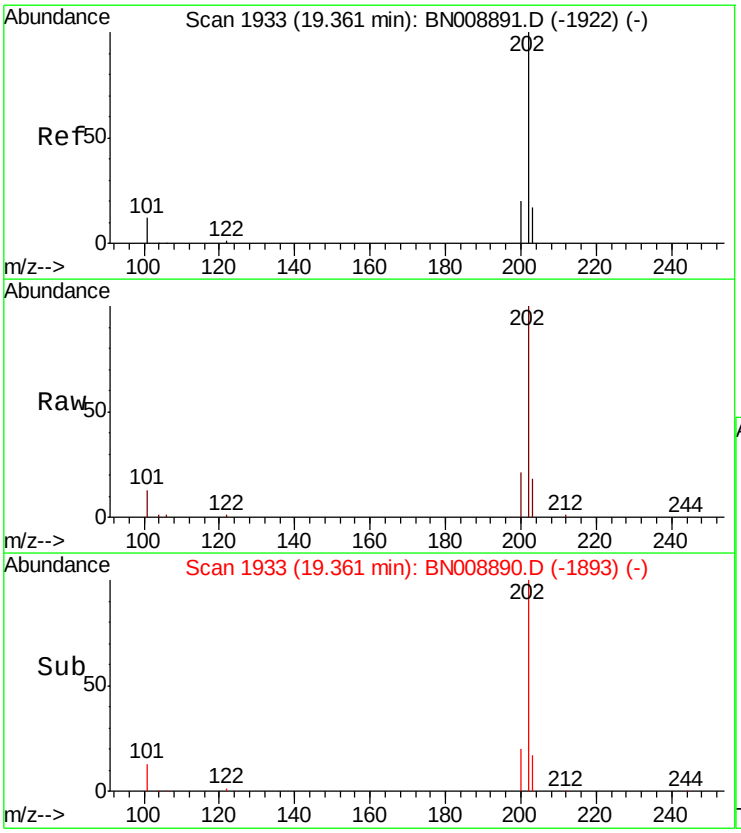
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 20828

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.1	13.7
236	27.6	21.5	32.3

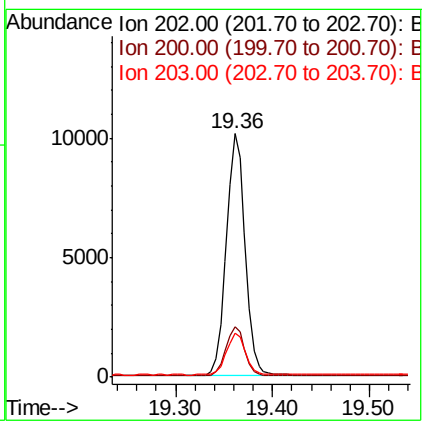


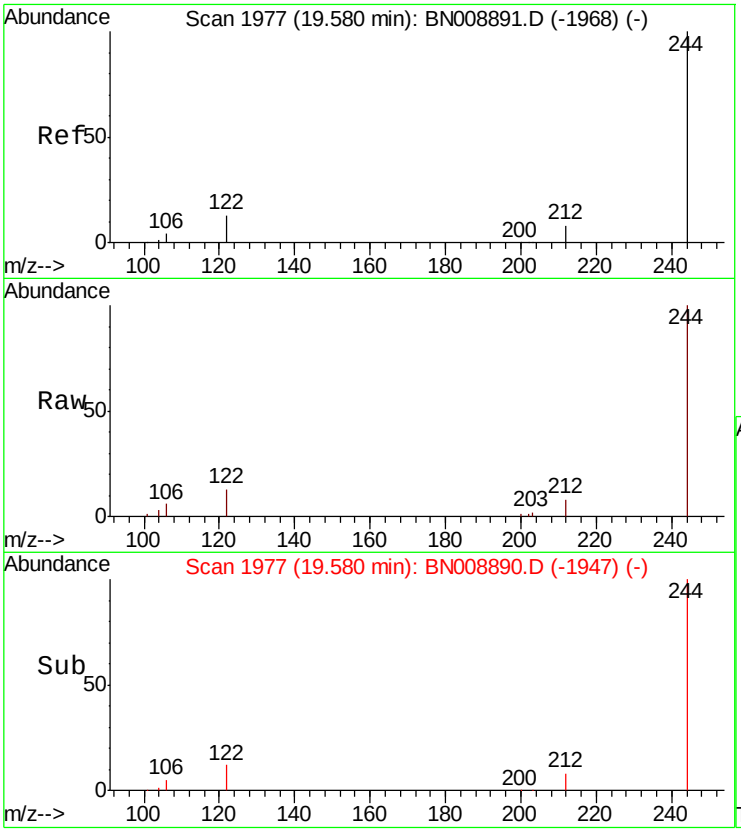


#28
Pyrene
Concen: 0.189 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:202 Resp: 13765

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.6	13.9	20.9



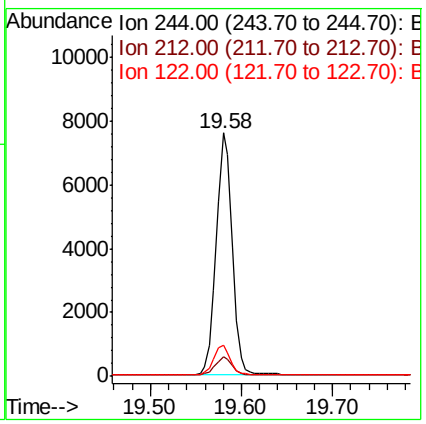


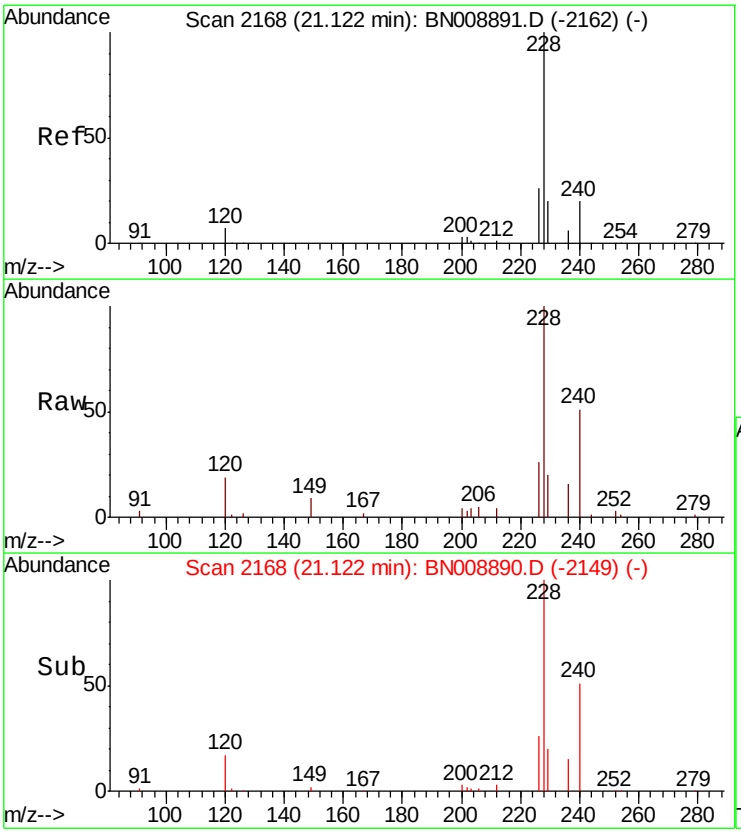
#29
Terphenyl-d14
Concen: 0.190 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 9130

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	12.9	10.4	15.6

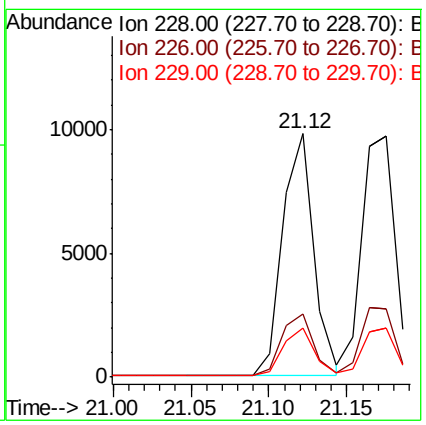


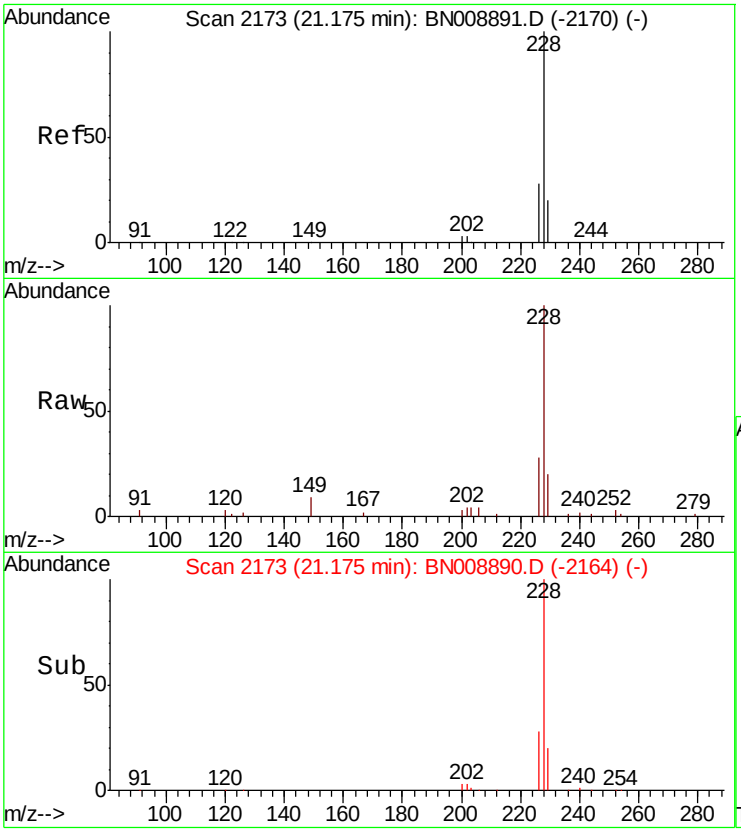


#30
Benzo(a)anthracene
Concen: 0.180 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:228 Resp: 13517

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.6	30.8
229	20.3	15.9	23.9



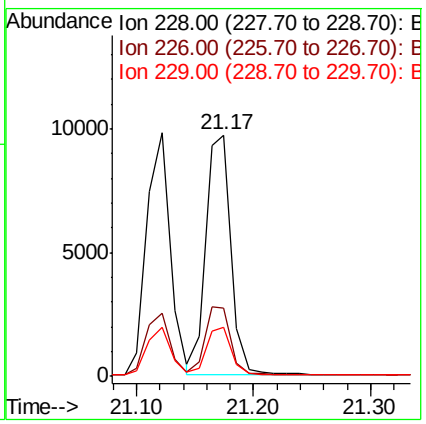


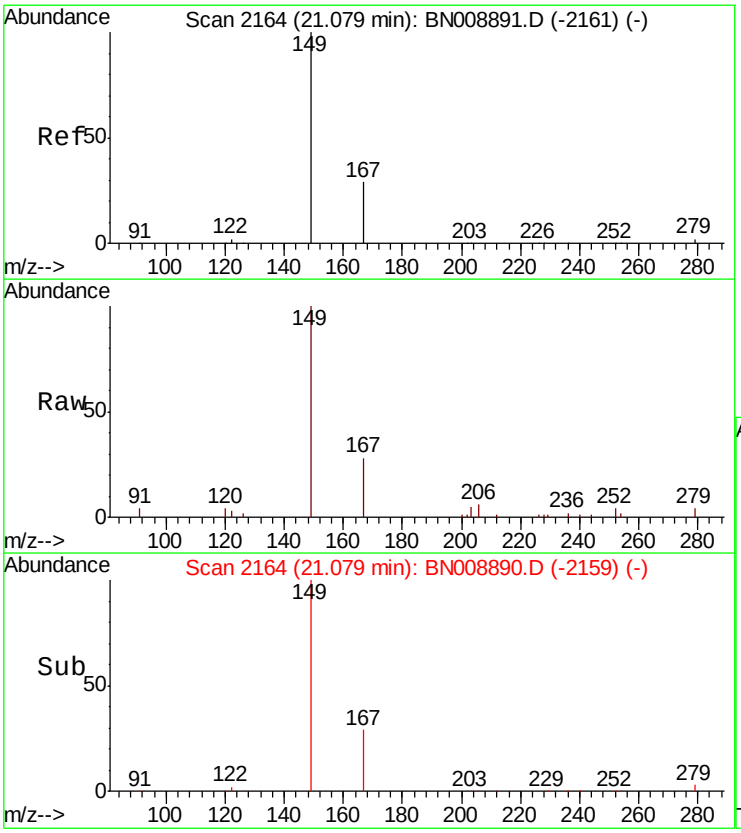
#31
Chrysene
Concen: 0.198 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 14480

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	20.3	15.9	23.9

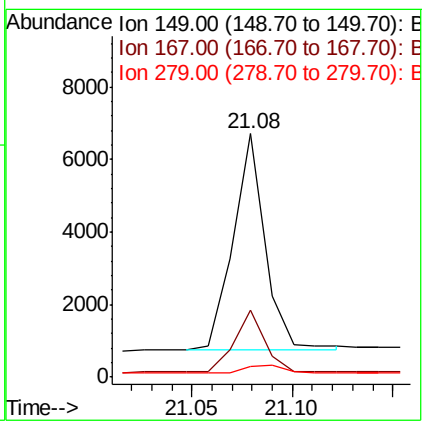


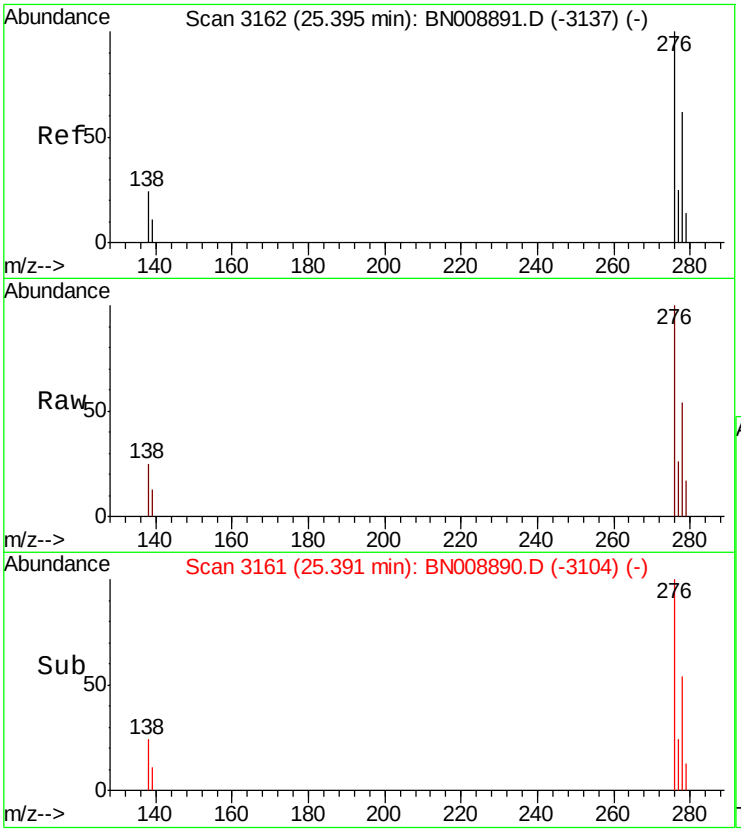


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:149 Resp: 6540

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.7	34.1
279	4.2	3.3	4.9



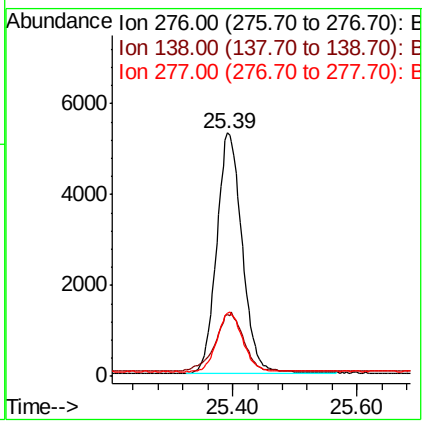


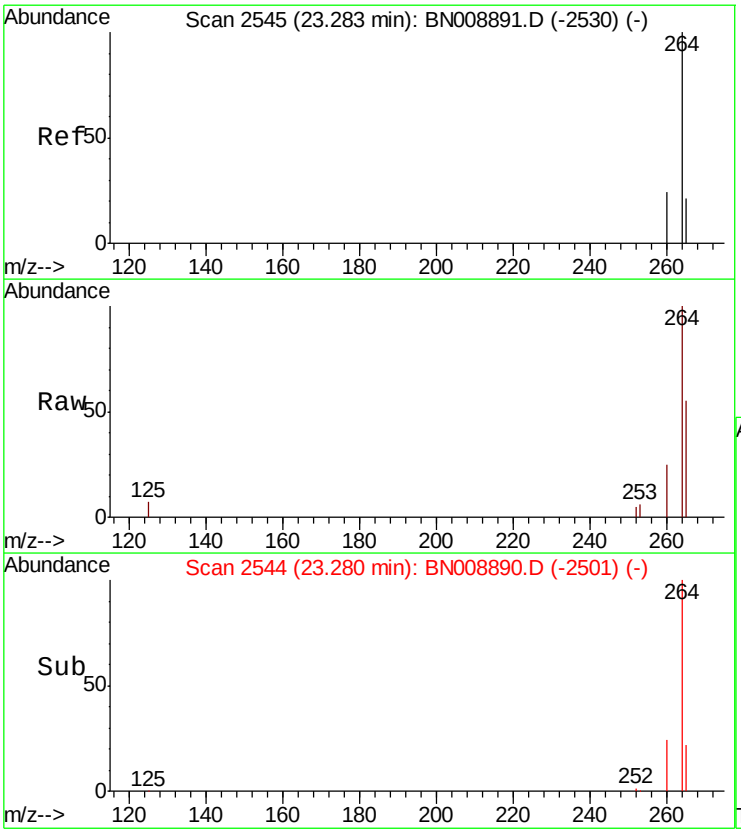
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng
RT: 25.39 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 15039

Ion	Ratio	Lower	Upper
276	100		
138	26.0	19.9	29.9
277	24.8	19.8	29.8

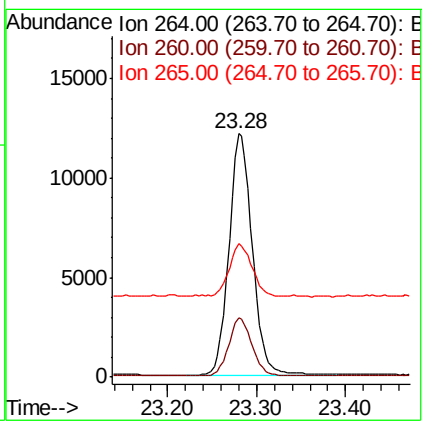


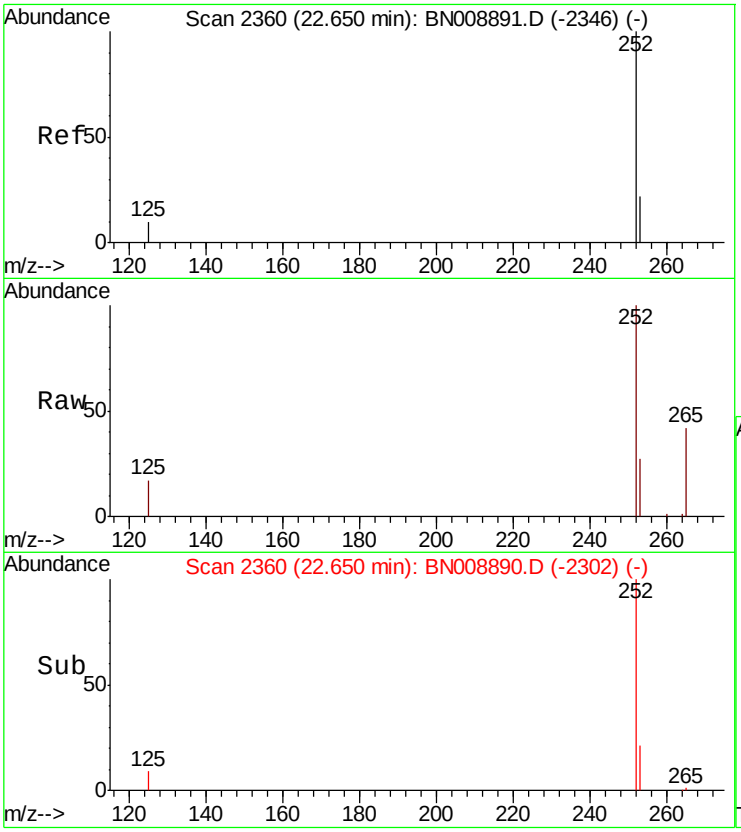


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:264 Resp: 22095

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	54.8	47.5	71.3



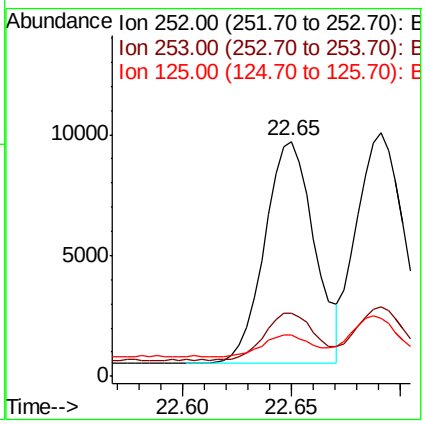


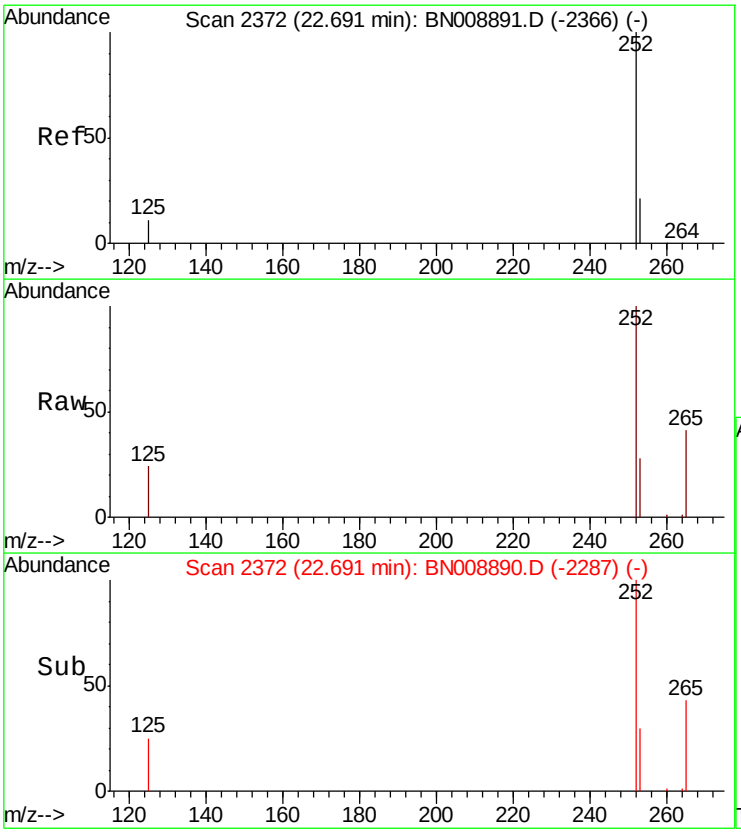
#35
Benzo(b)fluoranthene
Concen: 0.199 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 14610

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.8	29.6
125	17.5	10.8	16.2#

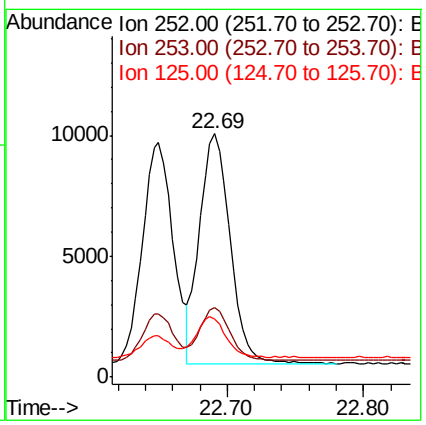


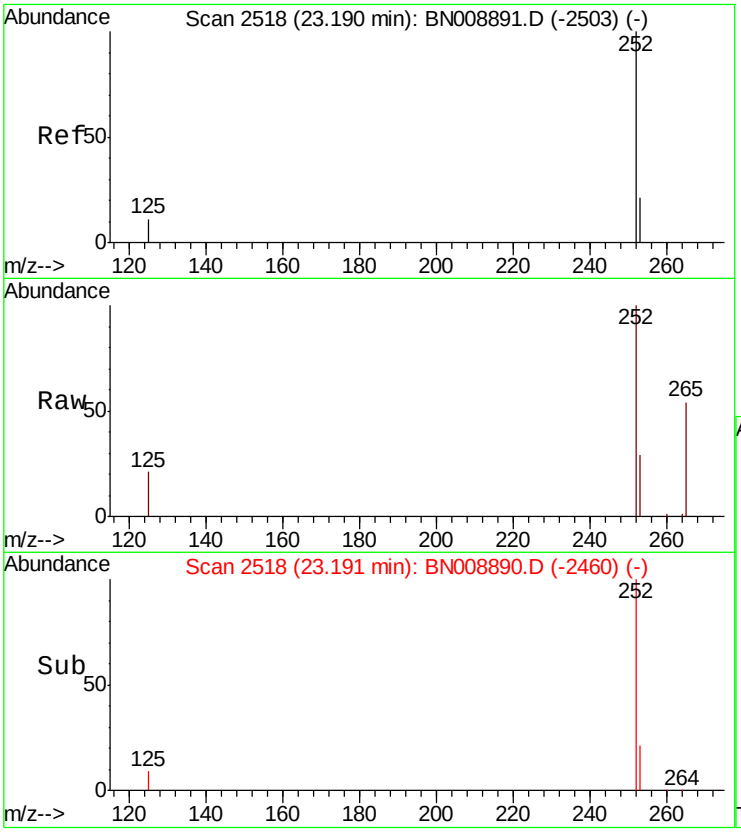


#36
Benzo(k)fluoranthene
Concen: 0.207 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:252 Resp: 14906

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.2	28.8
125	23.6	11.6	17.4#



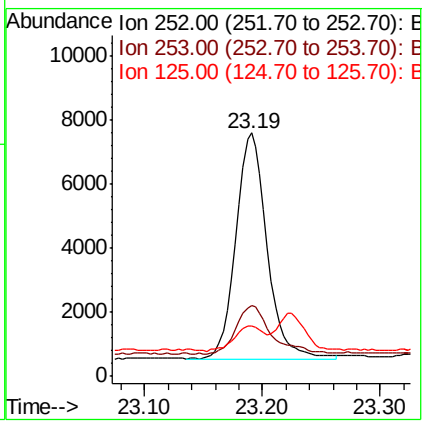


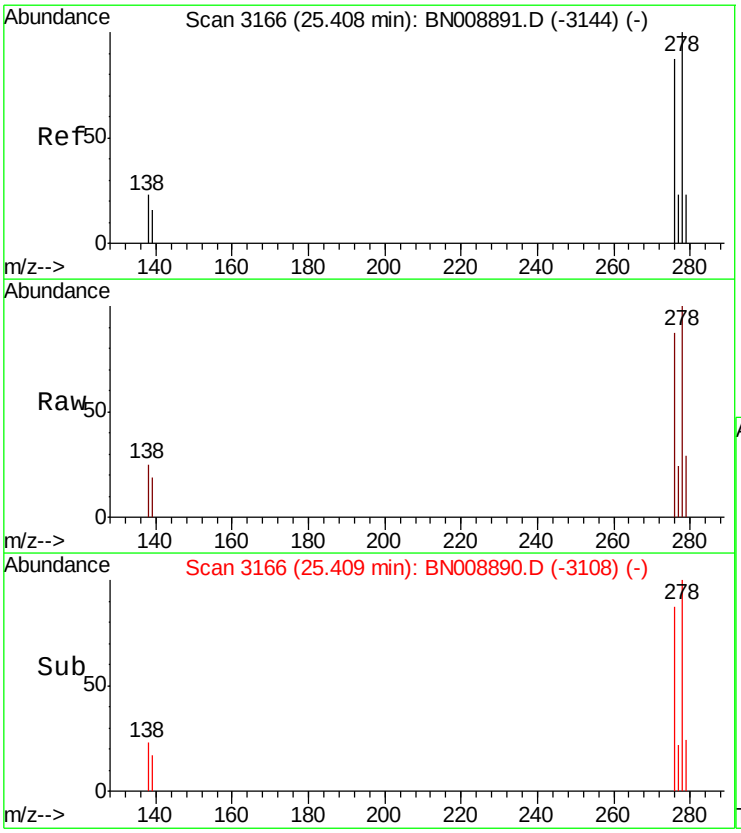
#37
Benzo(a)pyrene
Concen: 0.188 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 13003

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.9	29.9
125	20.6	12.3	18.5#

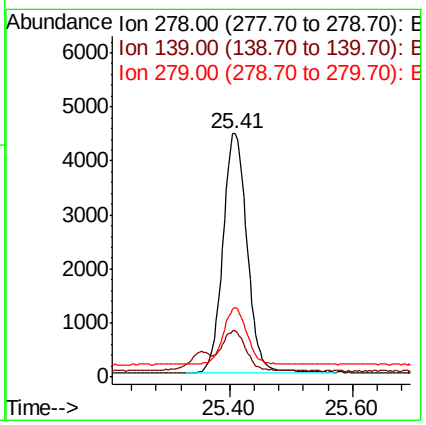


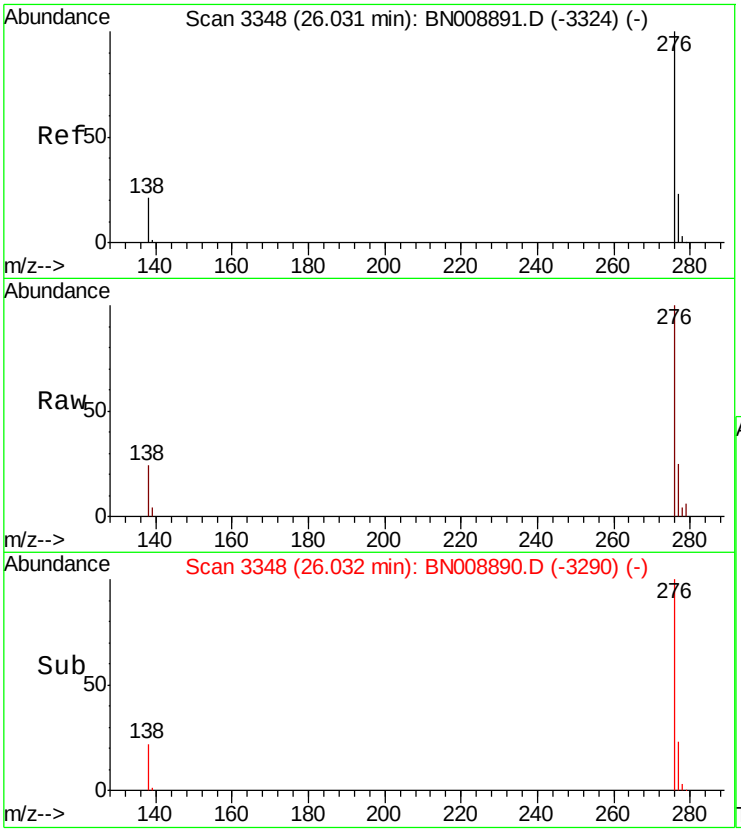


#38
Dibenzo(a,h)anthracene
Concen: 0.172 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Tgt Ion:278 Resp: 12136

Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.9	20.9
279	28.8	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.166 ng
RT: 26.03 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BN008890.D
Acq: 09 Dec 2019 13:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 11867

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.2
138	24.0	17.8	26.6