Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008843.D
Acq On : 04 Dec 2019 16:11
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 04 16:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 15:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3141	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	13101	0.40	ng		-0.01
13) Acenaphthene-d10	14.19	164	9133	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	20985	0.40	ng		0.00
27) Chrysene-d12	21.15	240	22489	0.40	ng		0.00
34) Perylene-d12	23.31	264	25215	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	3306	0.39	ng		0.00
5) Phenol-d6	6.75	99	4391	0.38	ng		0.00
8) Nitrobenzene-d5	8.69	82	4310	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	11.92	152	8283	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1812	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.81	172	13156	0.38	ng		0.00
25) Fluoranthene-d10	18.98	212	24026	0.38	ng		0.00
29) Terphenyl-d14	19.59	244	19680	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1202	0.398	ng	#	100
3) n-Nitrosodimethylamine	3.51	42	1672	0.401	ng	#	100
6) bis(2-Chloroethyl)ether	7.00	93	4008	0.385	ng		98
9) Naphthalene	10.37	128	13513	0.387	ng		99
10) Hexachlorobutadiene	10.67	225	2679	0.389	ng	#	99
12) 2-Methylnaphthalene	11.99	142	9820	0.381	ng		98
16) Acenaphthylene	13.90	152	15673	0.368	ng		100
17) Acenaphthene	14.25	154	10180	0.377	ng		99
18) Fluorene	15.25	166	13749	0.384	ng		99
20) 4-Bromophenyl-phenylether	16.15	248	4556	0.371	ng	#	91
21) Hexachlorobenzene	16.25	284	5226	0.369	ng		98
22) Pentachlorophenol	16.60	266	1913	0.337	ng		98
23) Phenanthrene	16.97	178	24133	0.377	ng		100
24) Anthracene	17.07	178	21615	0.368	ng		100
26) Fluoranthene	19.01	202	29200	0.379	ng		100
28) Pyrene	19.37	202	30072	0.383	ng		99
30) Benzo(a)anthracene	21.13	228	31219	0.384	ng		99
31) Chrysene	21.19	228	30028	0.381	ng		100
32) Bis(2-ethylhexyl)phthalate	21.09	149	18358	0.339	ng		100
33) Indeno(1,2,3-cd)pyrene	25.43	276	38353	0.394	ng		99
35) Benzo(b)fluoranthene	22.67	252	32151	0.384	ng		99
36) Benzo(k)fluoranthene	22.71	252	31565	0.384	ng		99
37) Benzo(a)pyrene	23.21	252	30050	0.380	ng		99
38) Dibenzo(a,h)anthracene	25.44	278	31245	0.387	ng		99
39) Benzo(g,h,i)perylene	26.07	276	31484	0.385	ng		100

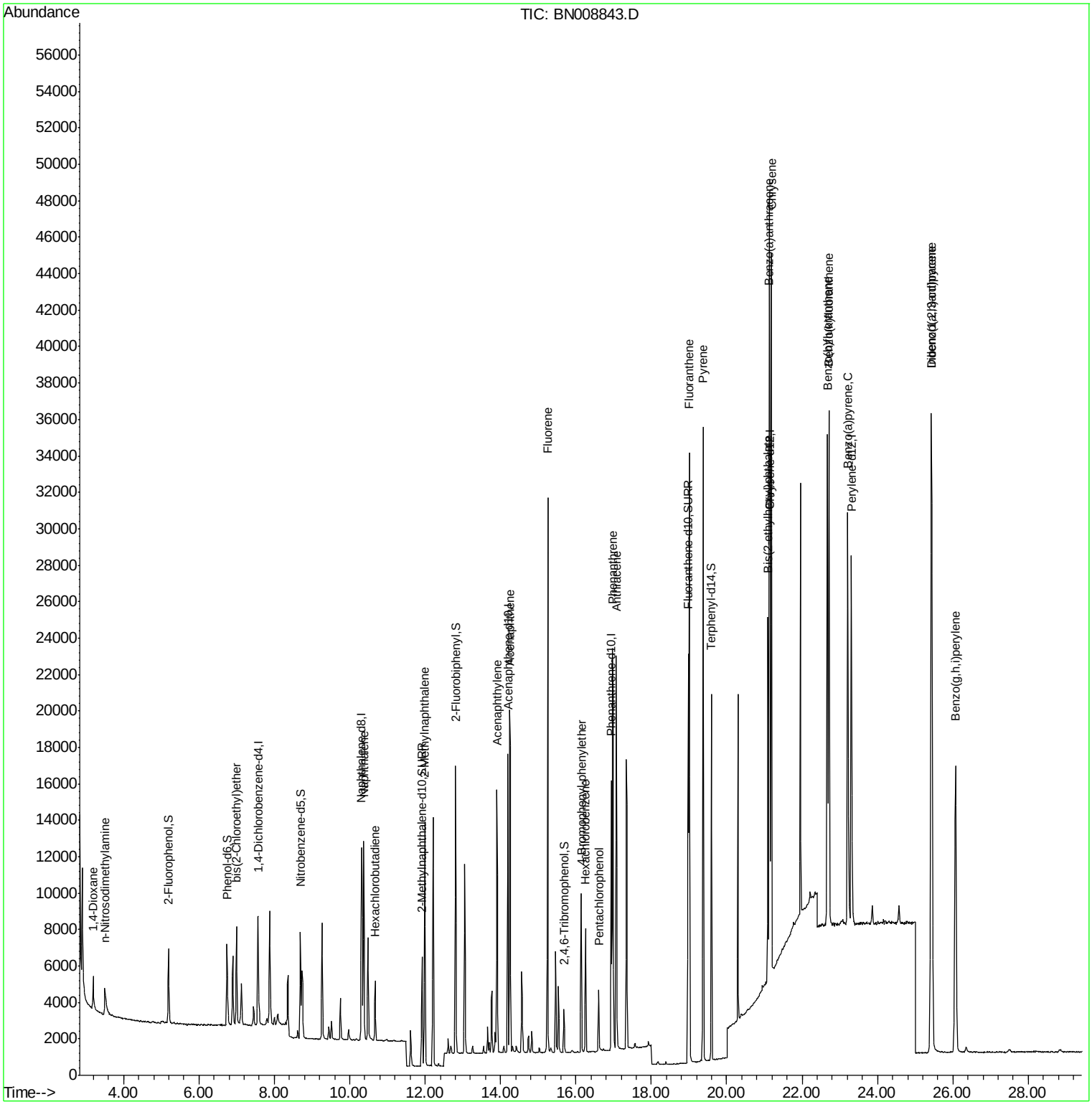
(#) = qualifier out of range (m) = manual integration (+) = signals summed

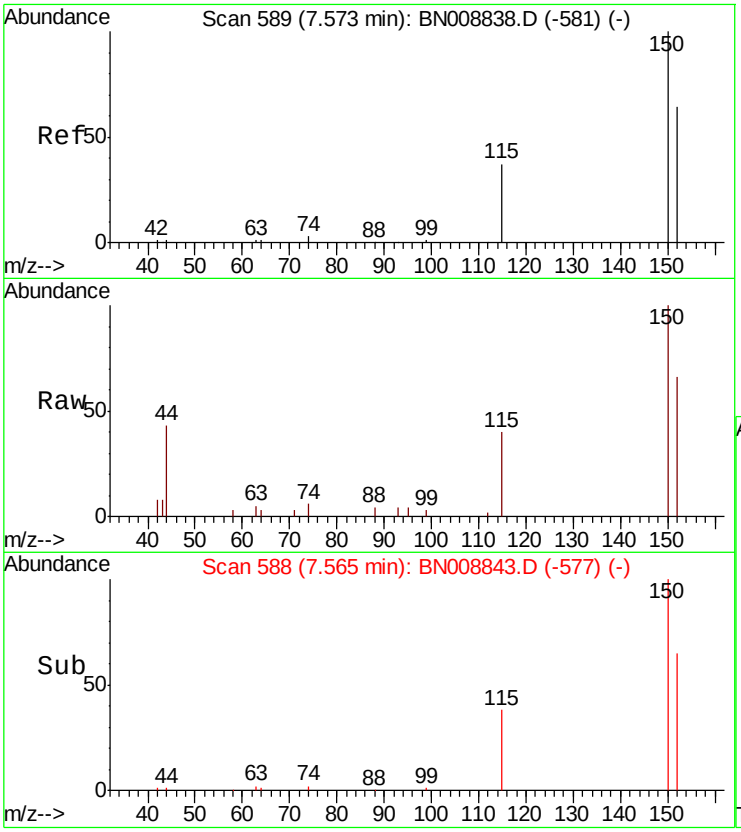
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
Data File : BN008843.D
Acq On : 04 Dec 2019 16:11
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 04 16:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 15:42:09 2019
Response via : Initial Calibration



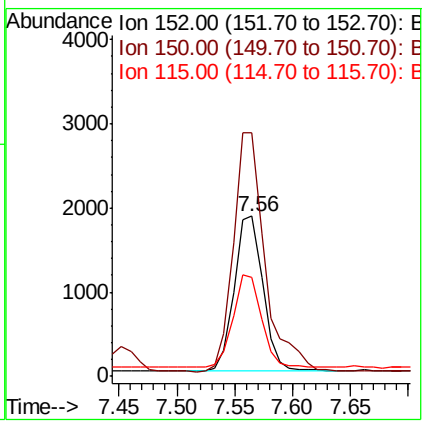


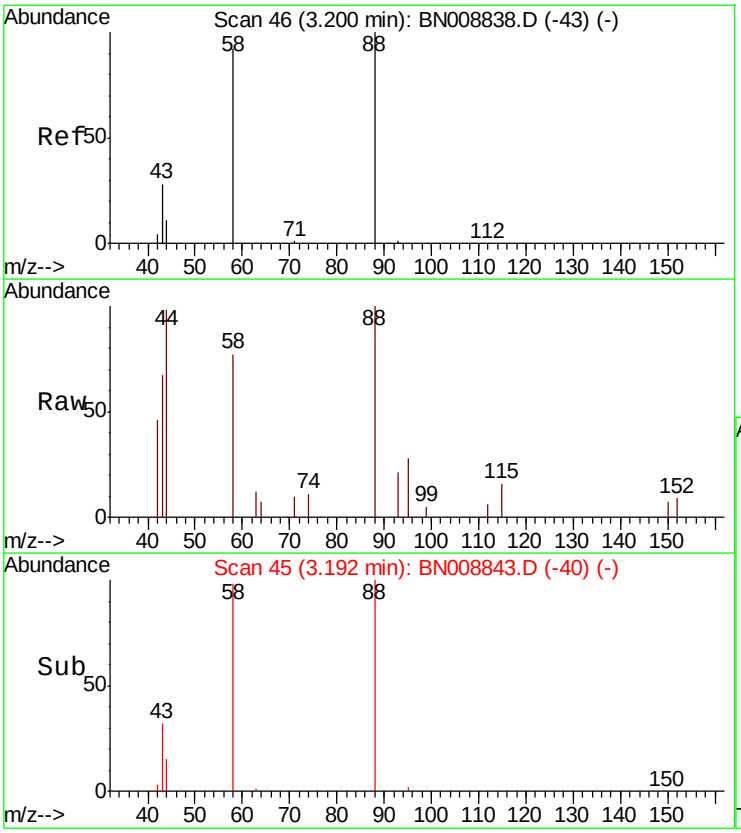
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3141

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.9	185.9
115	61.5	49.9	74.9

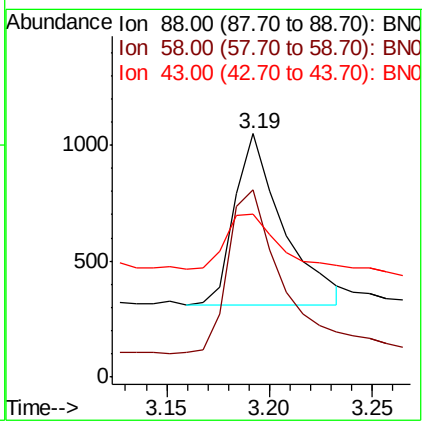


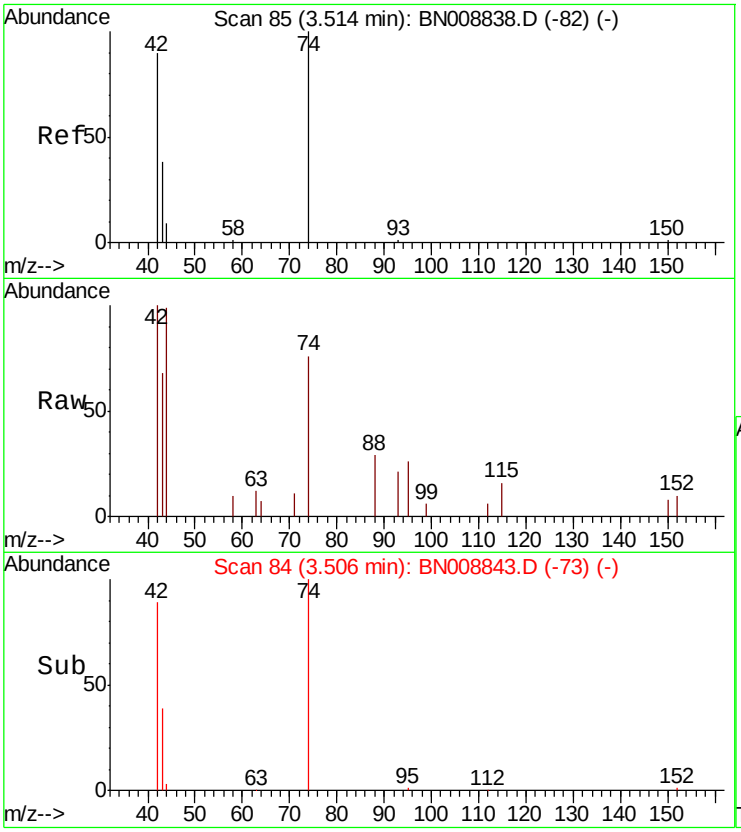


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion: 88 Resp: 1202

Ion	Ratio	Lower	Upper
88	100		
58	103.7	0.0	0.0#
43	35.3	0.0	0.0#



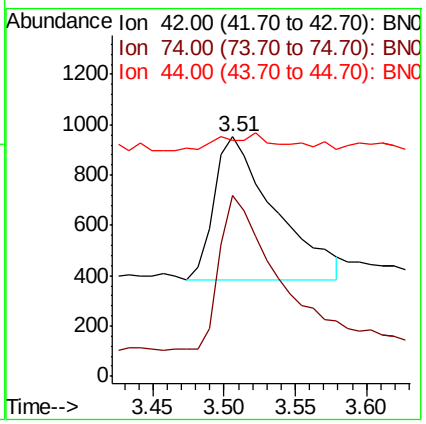


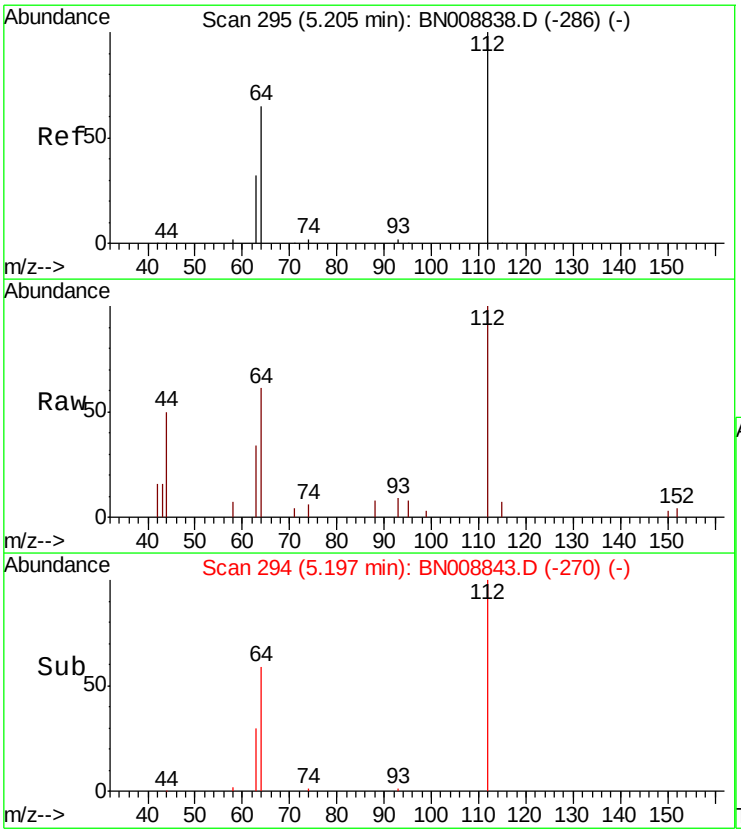
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.51 min Scan# 84
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1672

Ion	Ratio	Lower	Upper
42	100		
74	103.9	0.0	0.0#
44	10.0	0.0	0.0#

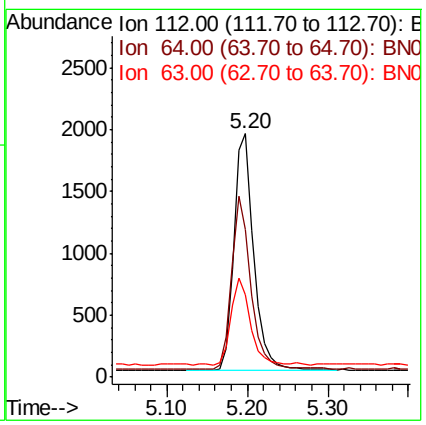


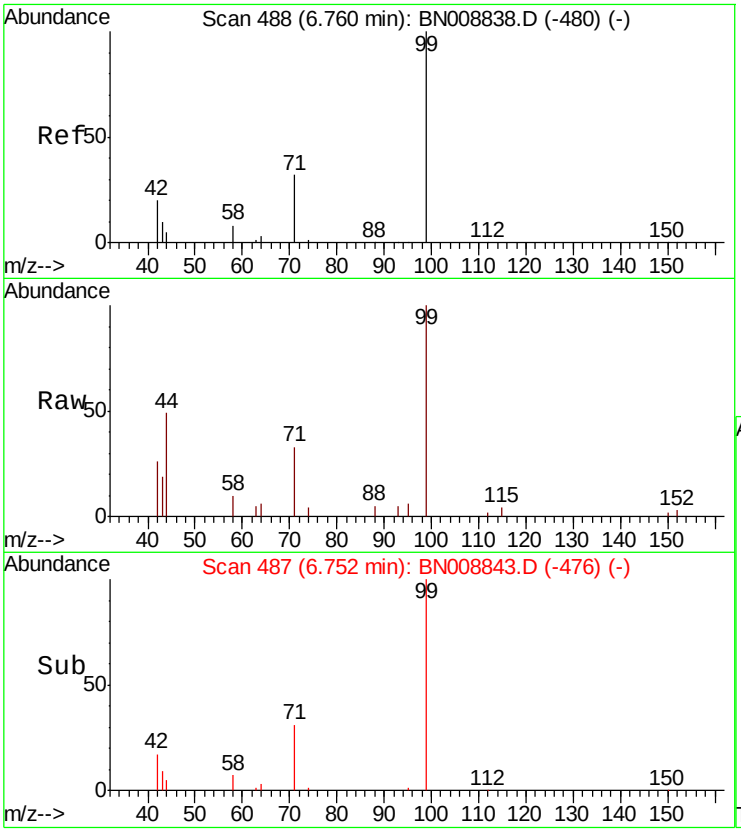


#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:112 Resp: 3306

Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.3	84.5
63	36.1	28.2	42.2



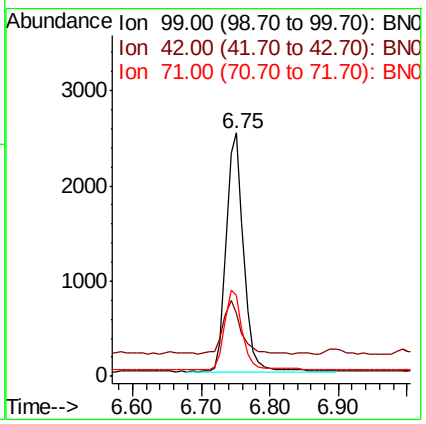


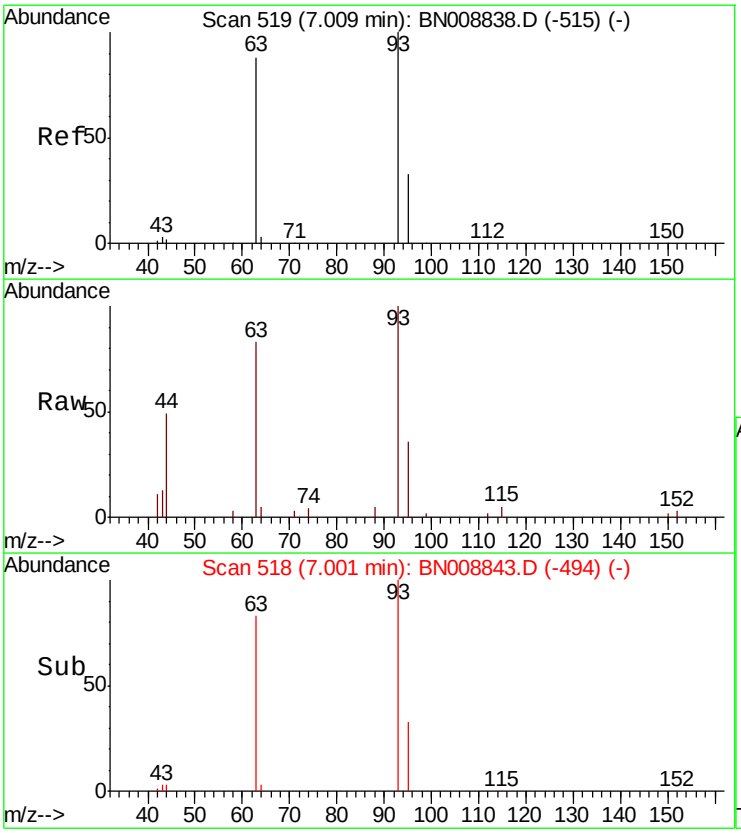
#5
Phenol-d6
Concen: 0.379 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4391

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.1	27.1
71	34.1	26.6	40.0

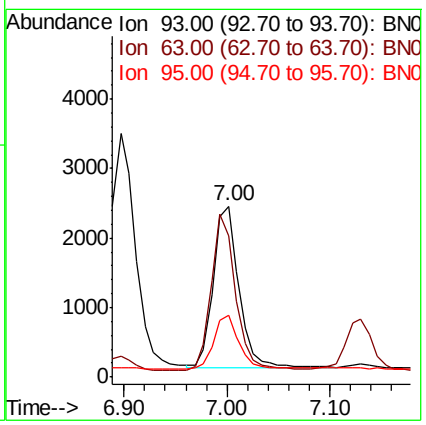


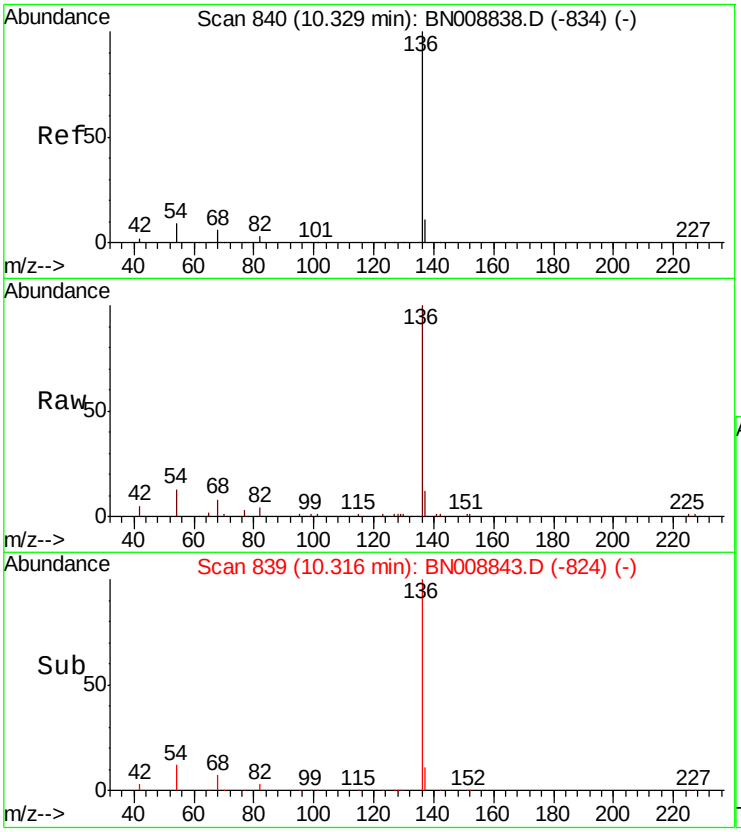


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.00 min Scan# 518
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion: 93 Resp: 4008

Ion	Ratio	Lower	Upper
93	100		
63	92.1	72.1	108.1
95	32.9	25.7	38.5



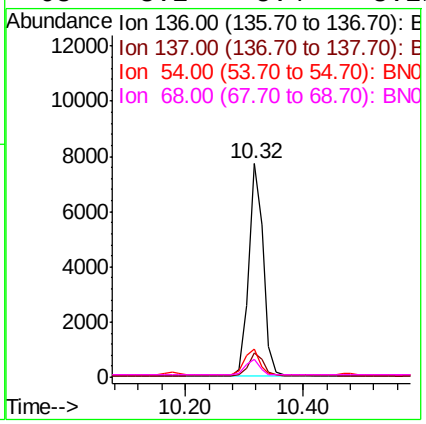


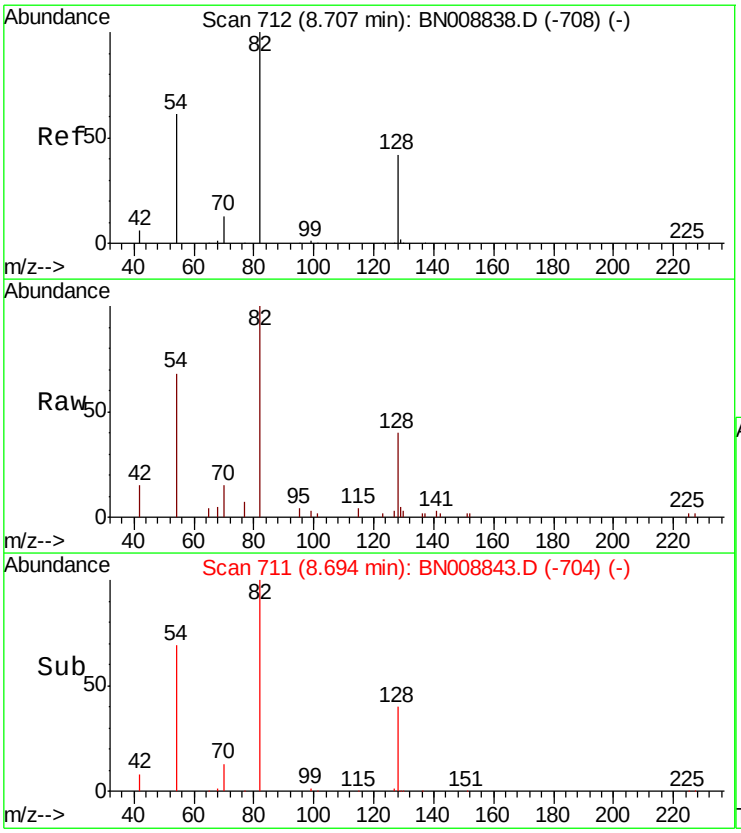
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13101

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	13.2	8.2	12.2#
68	8.2	5.4	8.2#

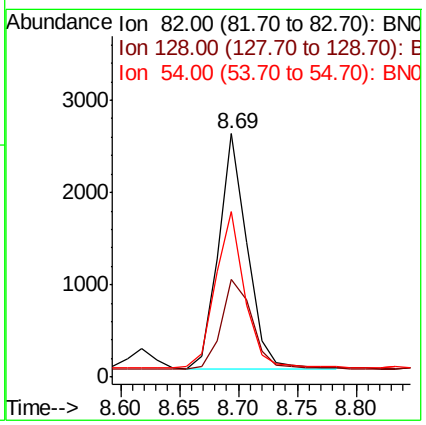


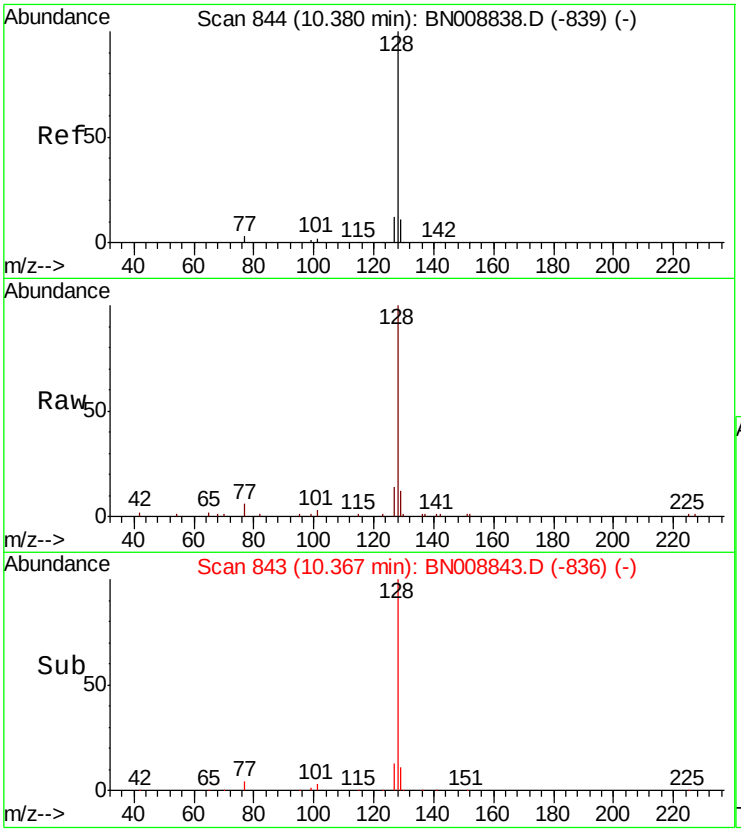


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.69 min Scan# 711
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion: 82 Resp: 4310

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.0	52.6
54	67.8	50.2	75.2



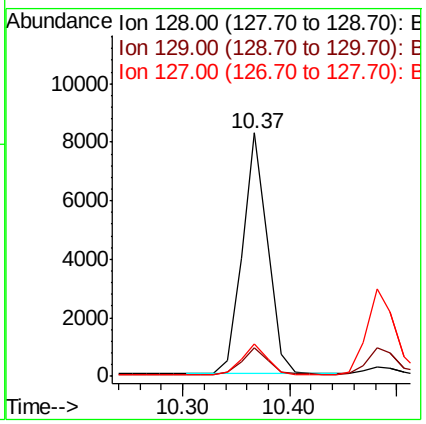


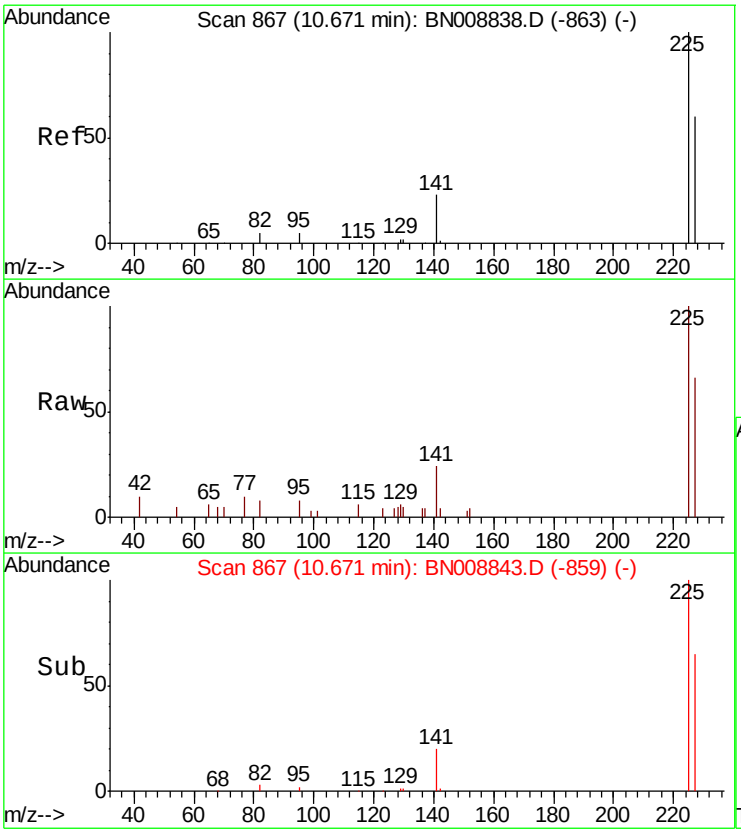
#9
Naphthalene
Concen: 0.387 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13513

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.6	10.5	15.7

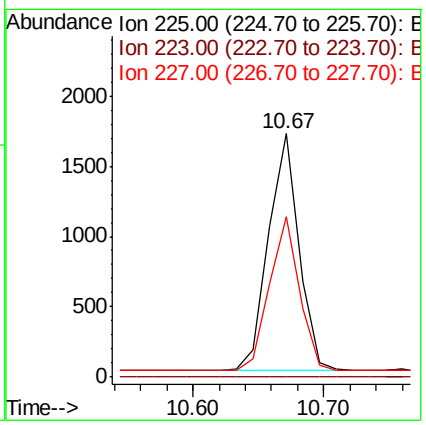


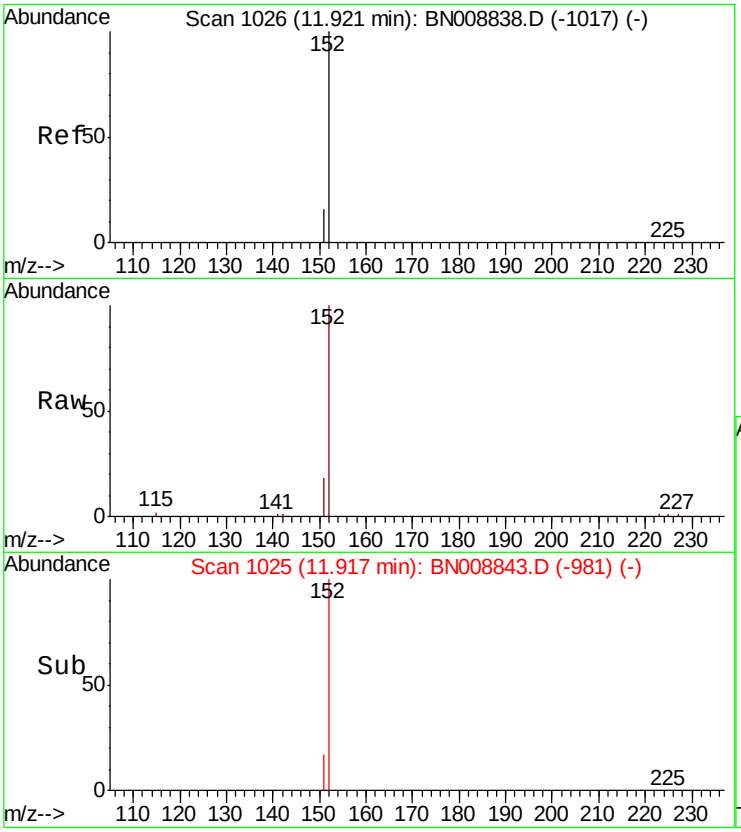


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:225 Resp: 2679

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.9	76.3



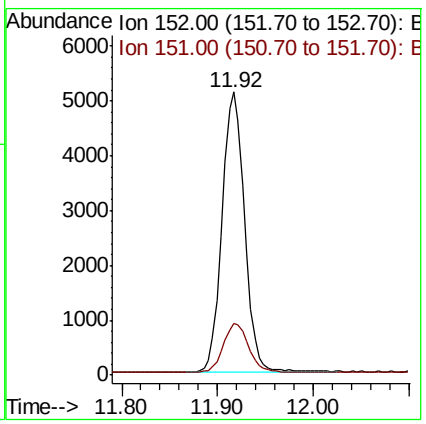


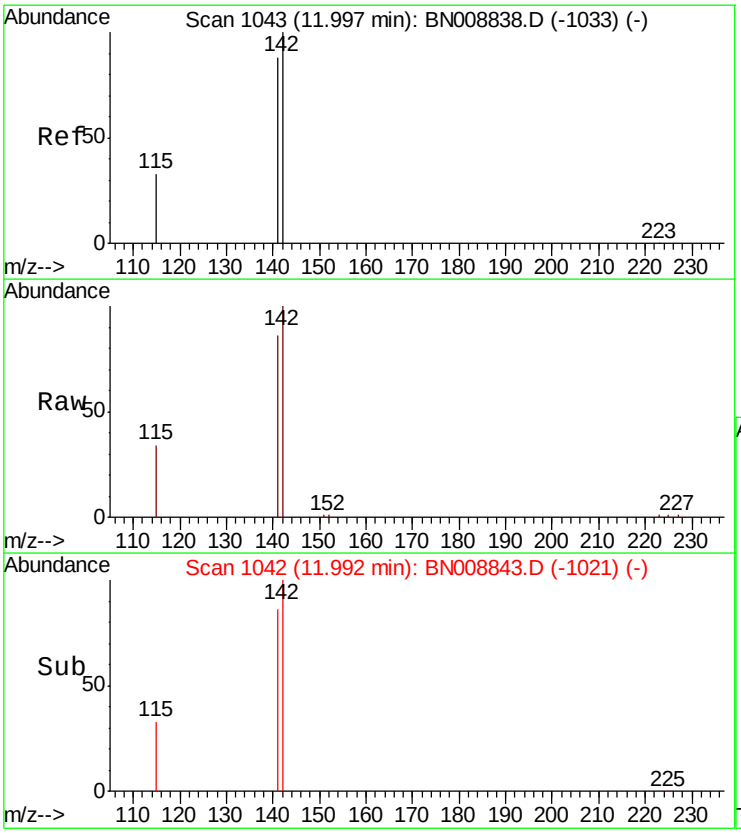
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 11.92 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8283

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8

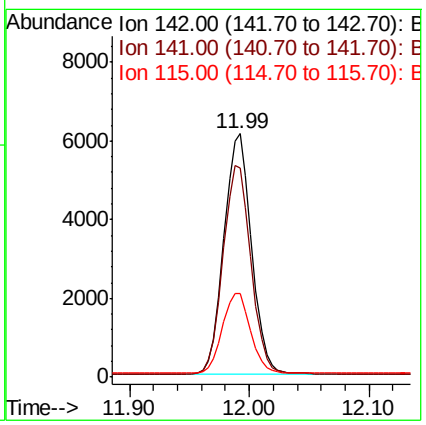


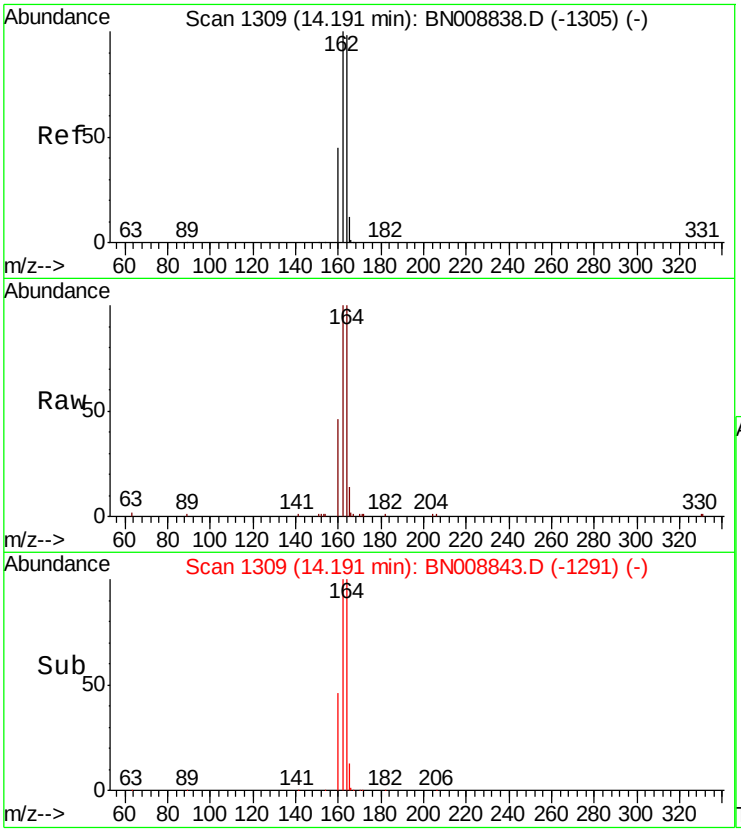


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 11.99 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:142 Resp: 9820

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.2	105.4
115	34.4	27.6	41.4



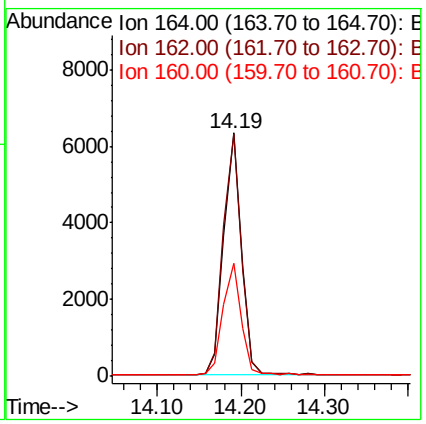


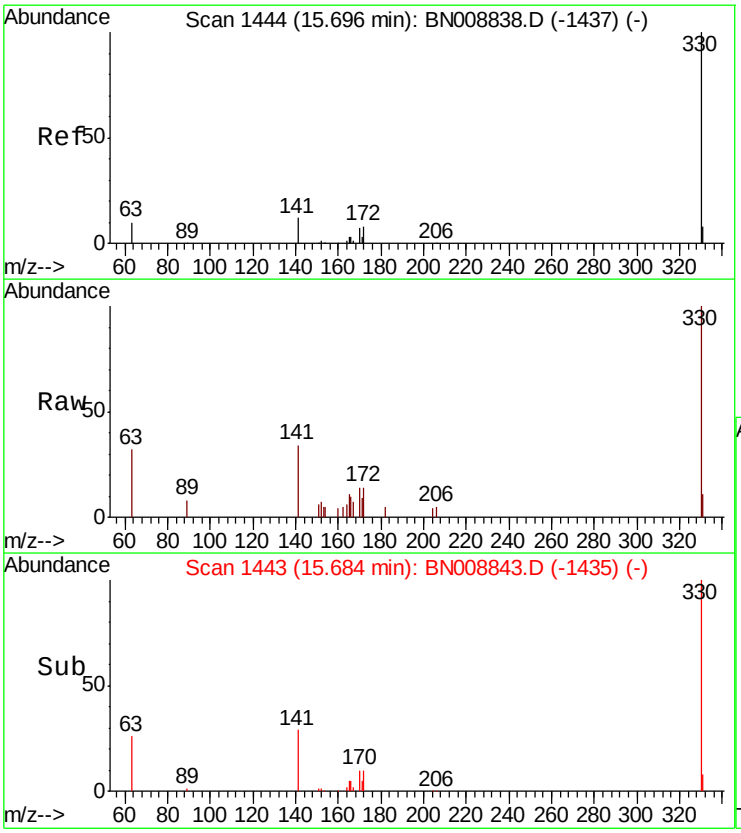
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9133

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.9	122.9
160	46.3	37.4	56.2

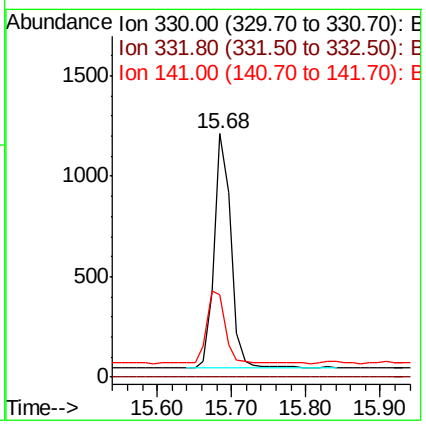


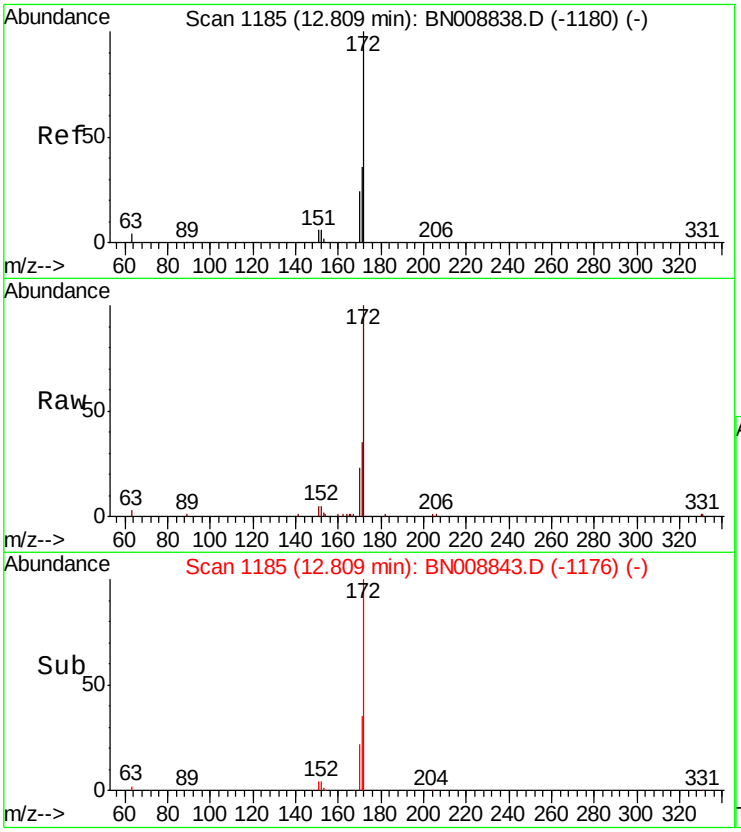


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.68 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:330 Resp: 1812

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	26.2	39.4



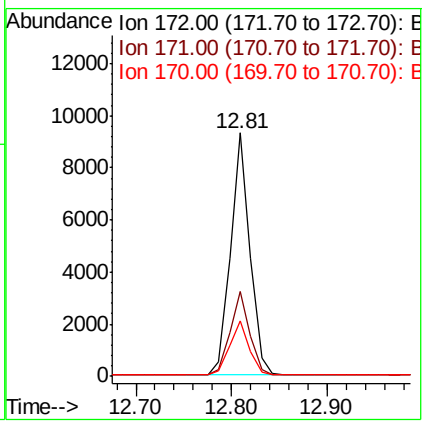


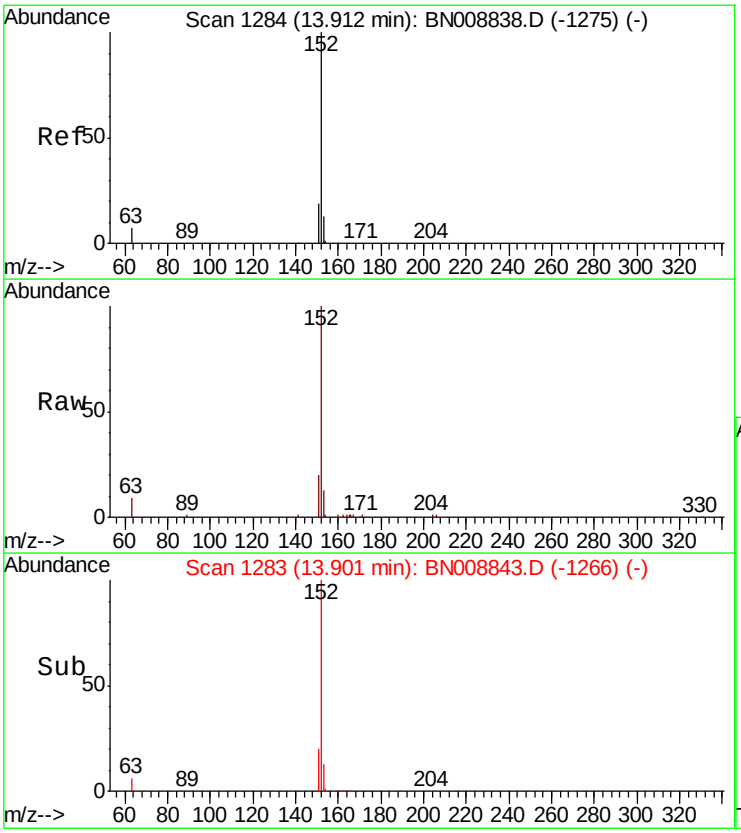
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 13156

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	22.7	19.7	29.5

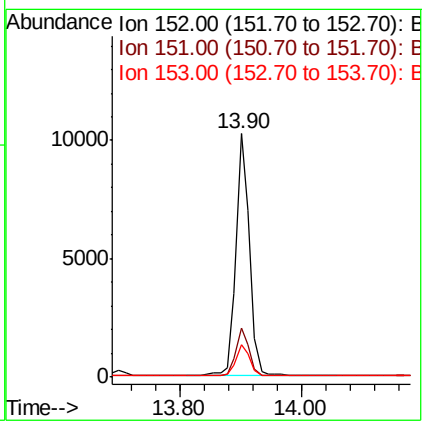


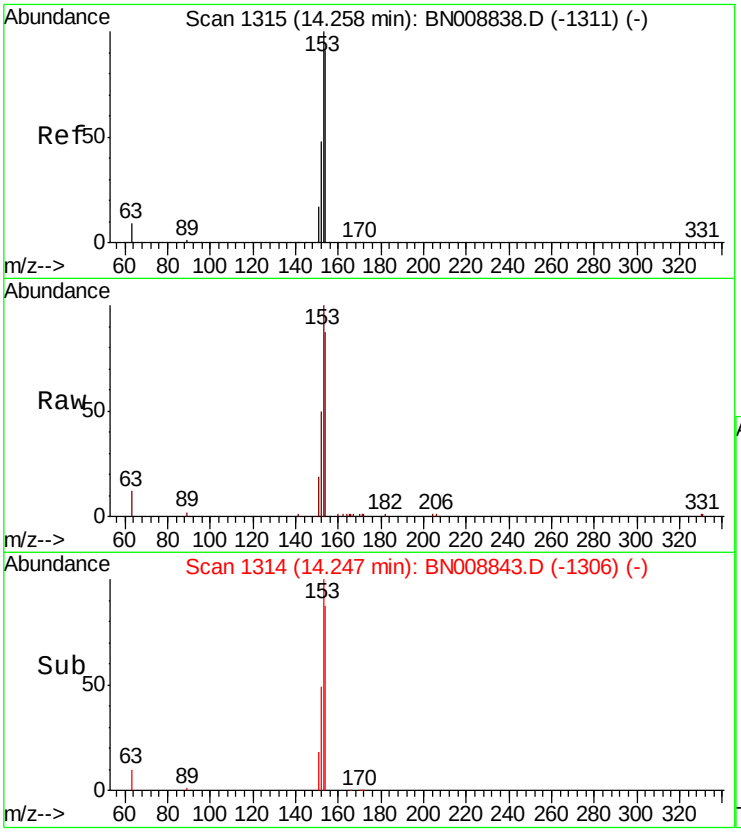


#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.90 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:152 Resp: 15673

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.4	15.6



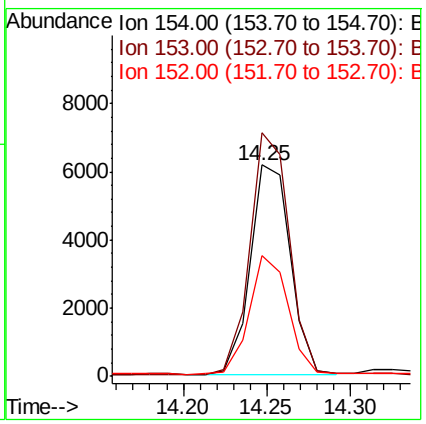


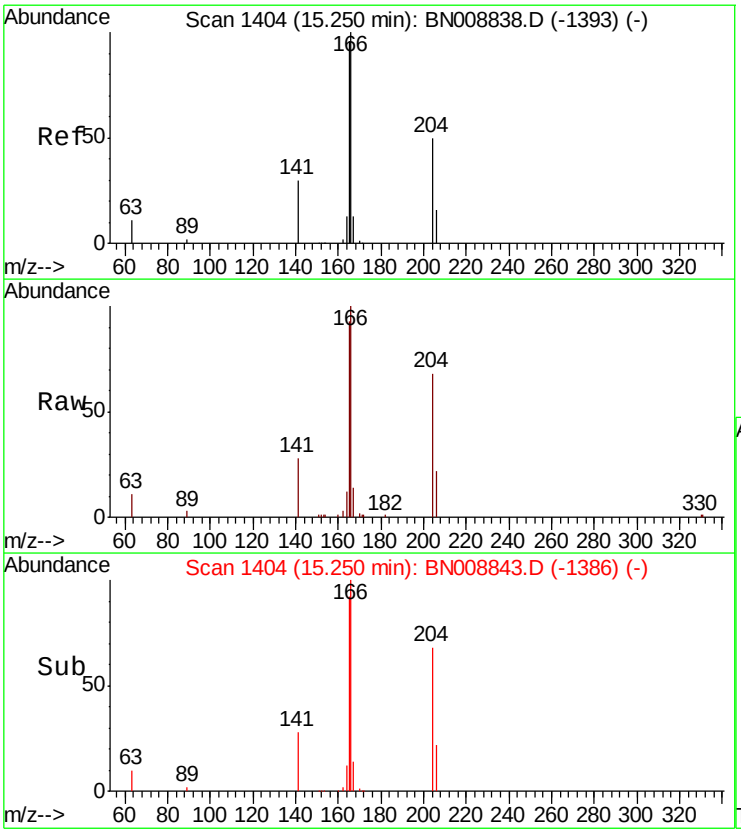
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10180

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.4	134.2
152	55.1	43.8	65.8

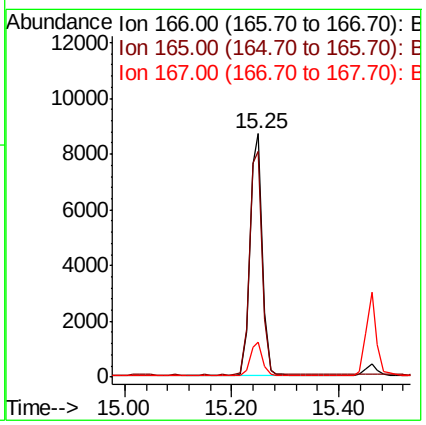


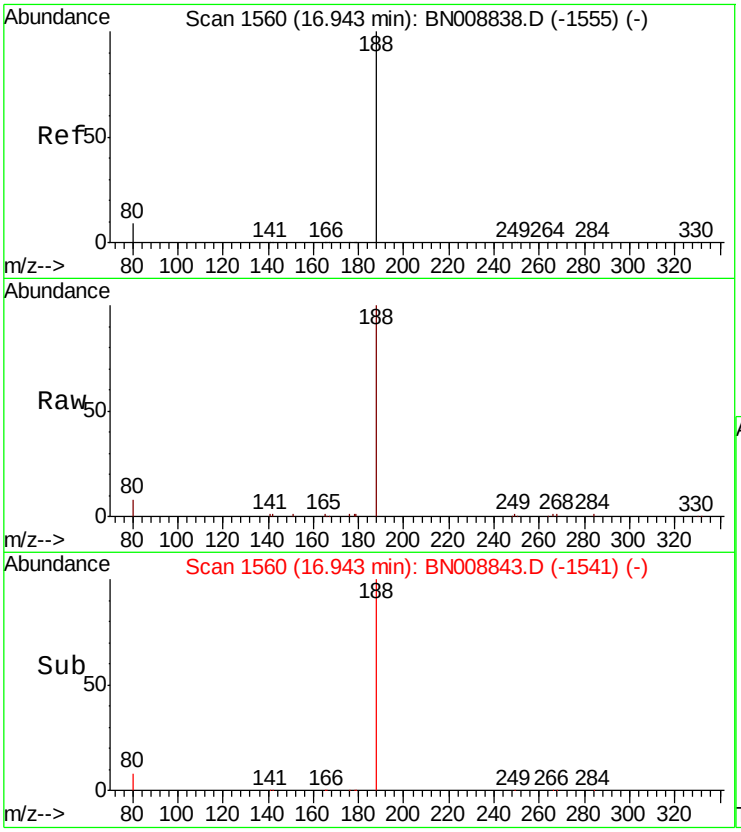


#18
Fluorene
Concen: 0.384 ng
RT: 15.25 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:166 Resp: 13749

Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.0	115.6
167	13.5	10.8	16.2



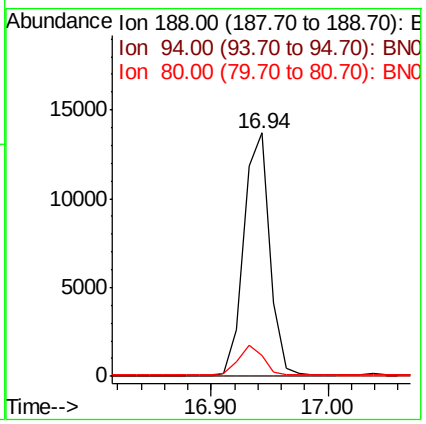


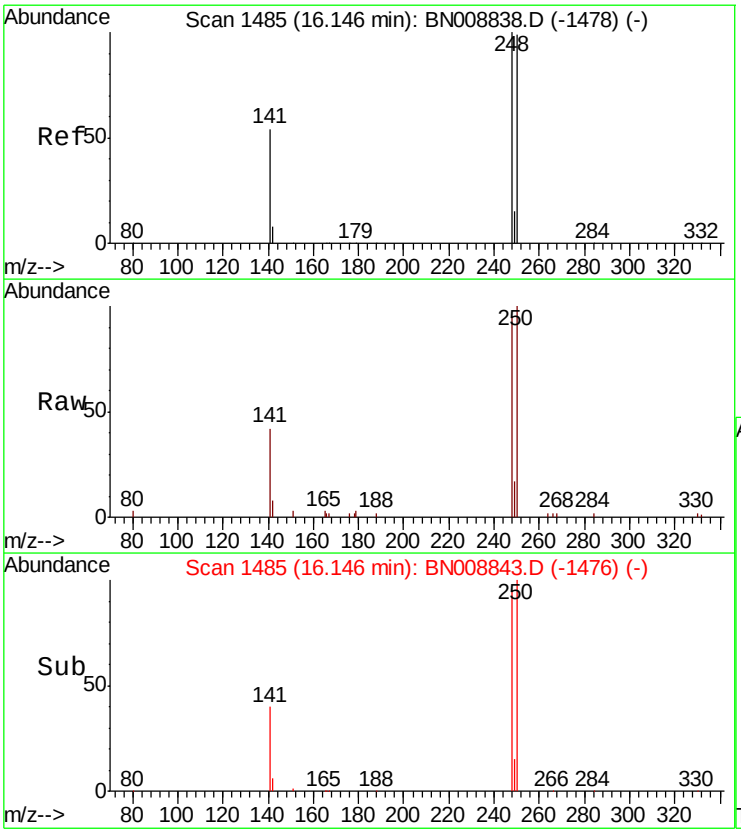
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 20985

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.4	11.2

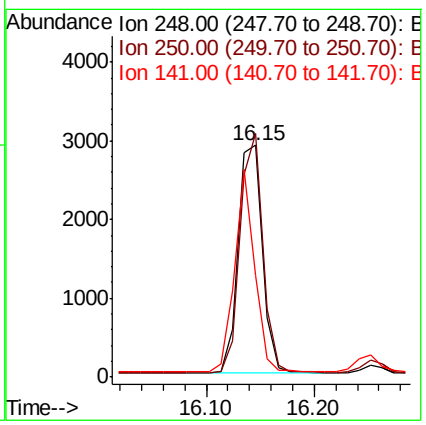


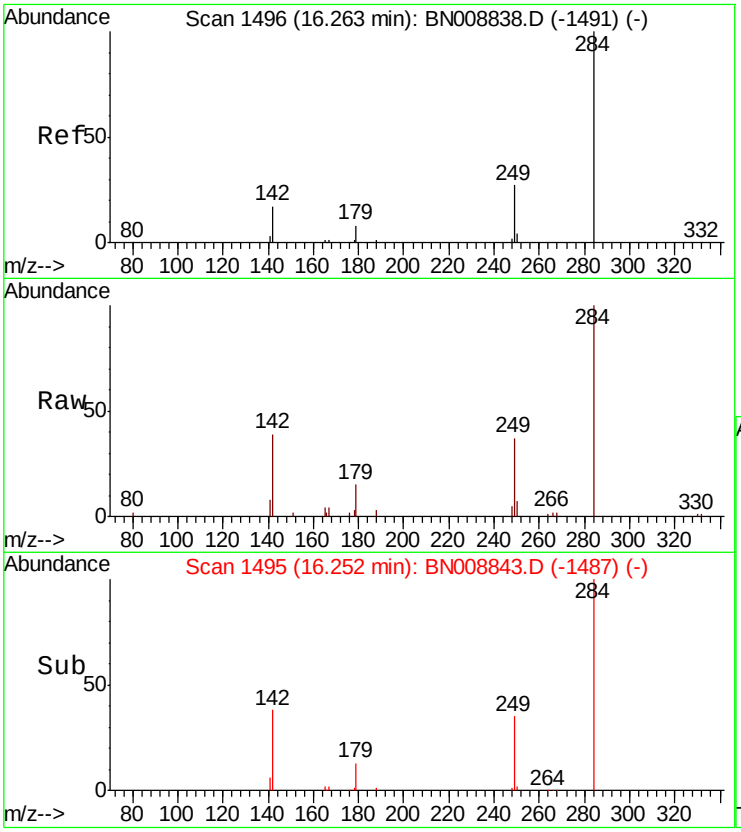


#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:248 Resp: 4556

Ion	Ratio	Lower	Upper
248	100		
250	105.0	79.7	119.5
141	43.8	44.7	67.1#



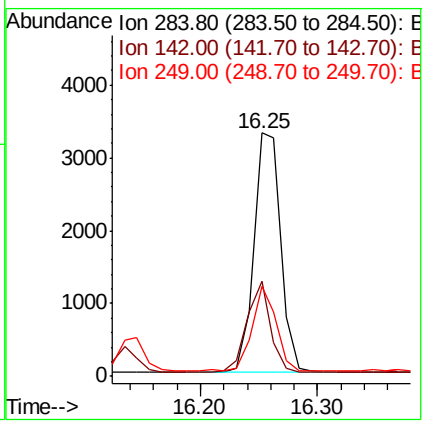


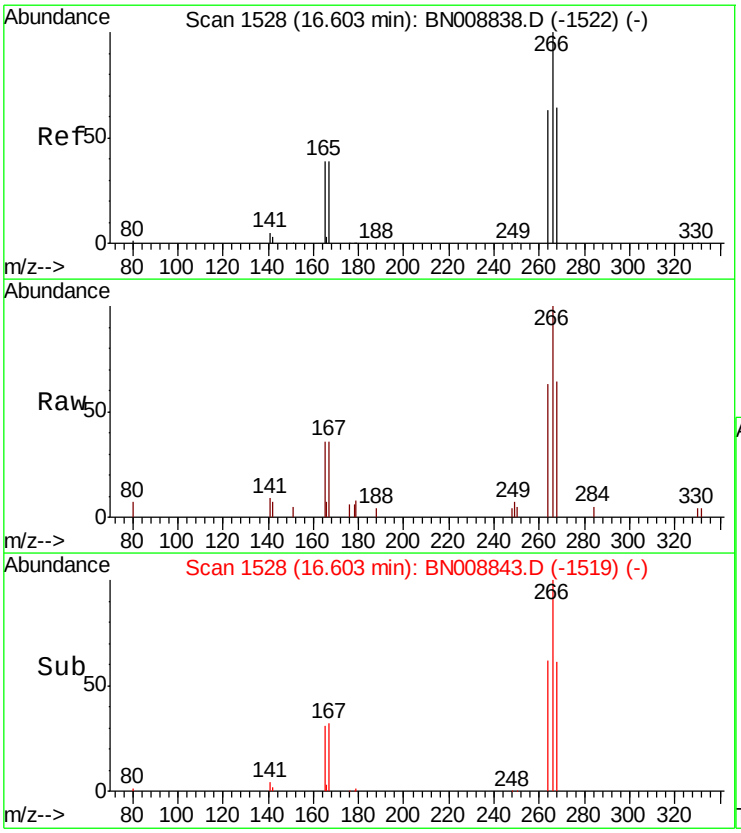
#21
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5226

Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.4	38.0
249	31.3	24.3	36.5

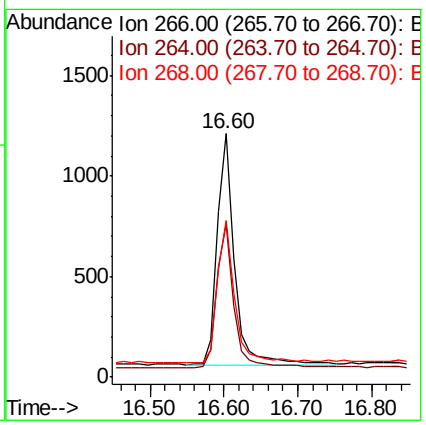


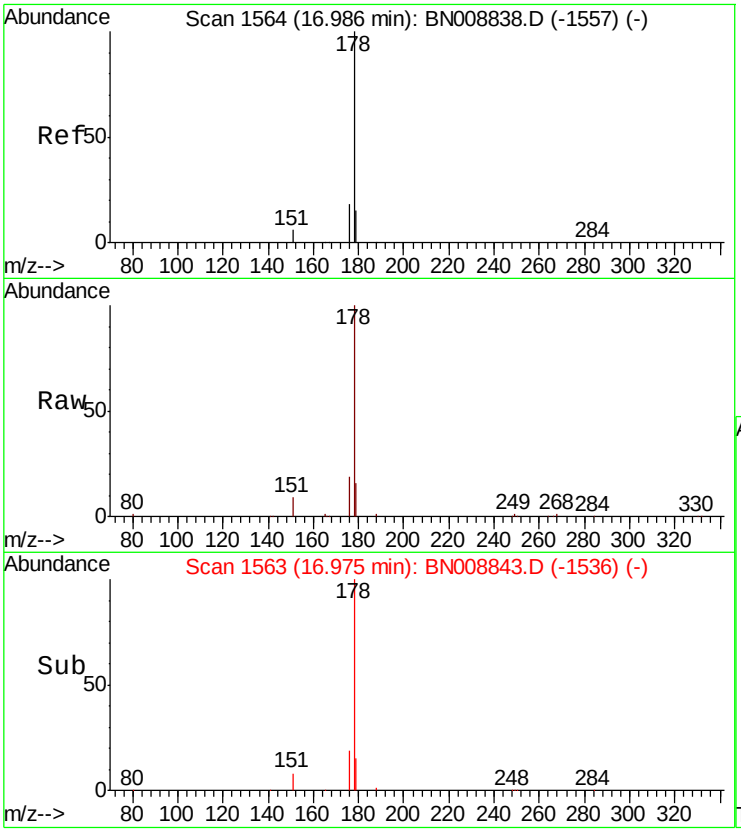


#22
Pentachlorophenol
Concen: 0.337 ng
RT: 16.60 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:266 Resp: 1913

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.0	76.4
268	64.5	53.7	80.5



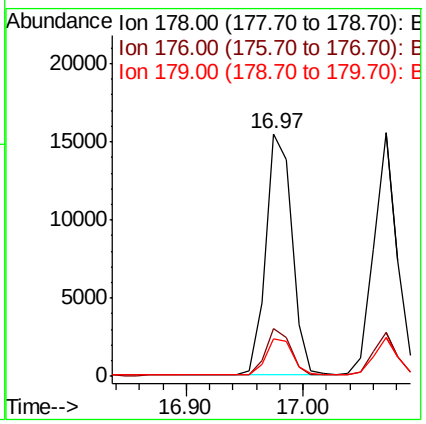


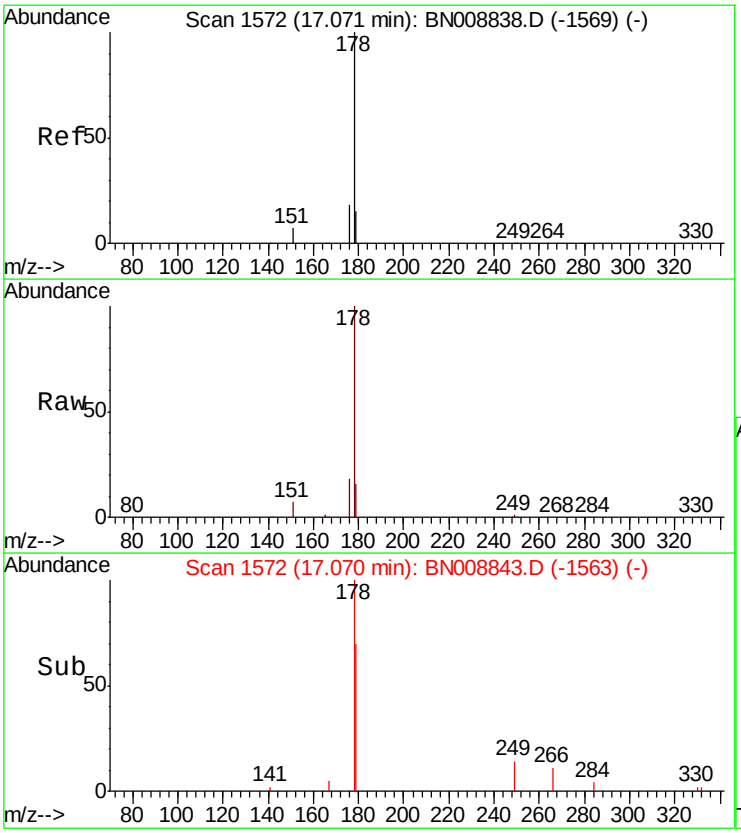
#23
Phenanthrene
Concen: 0.377 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 24133

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.2	18.2

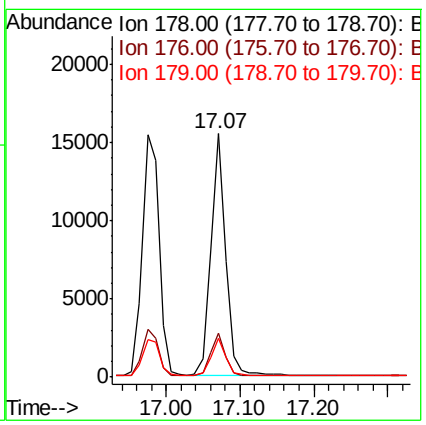


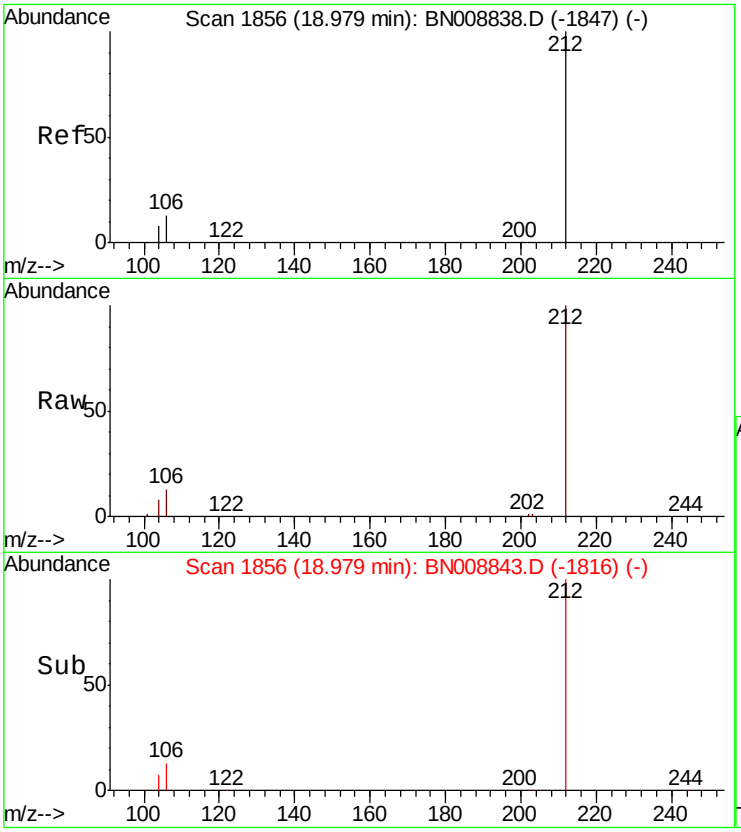


#24
Anthracene
Concen: 0.368 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:178 Resp: 21615

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.1	12.2	18.2



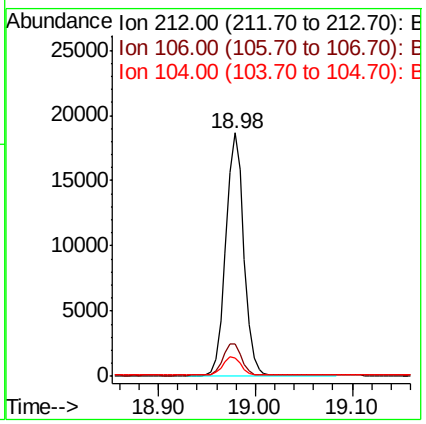


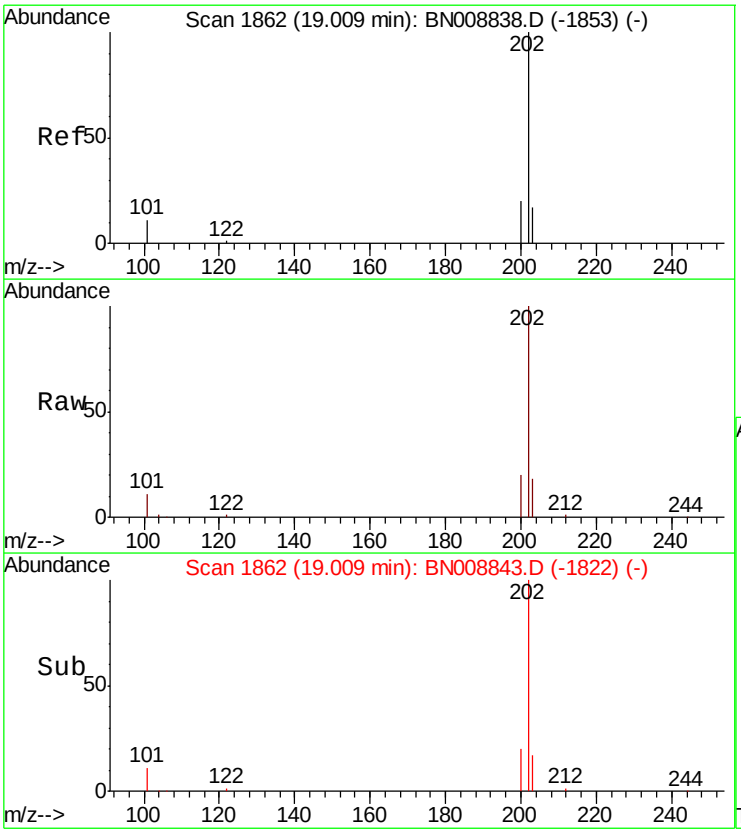
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 18.98 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 24026

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.7	16.1
104	7.7	6.1	9.1

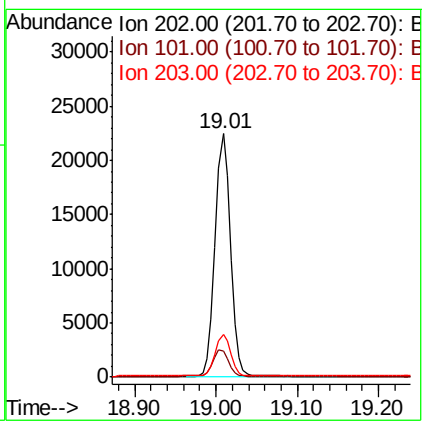


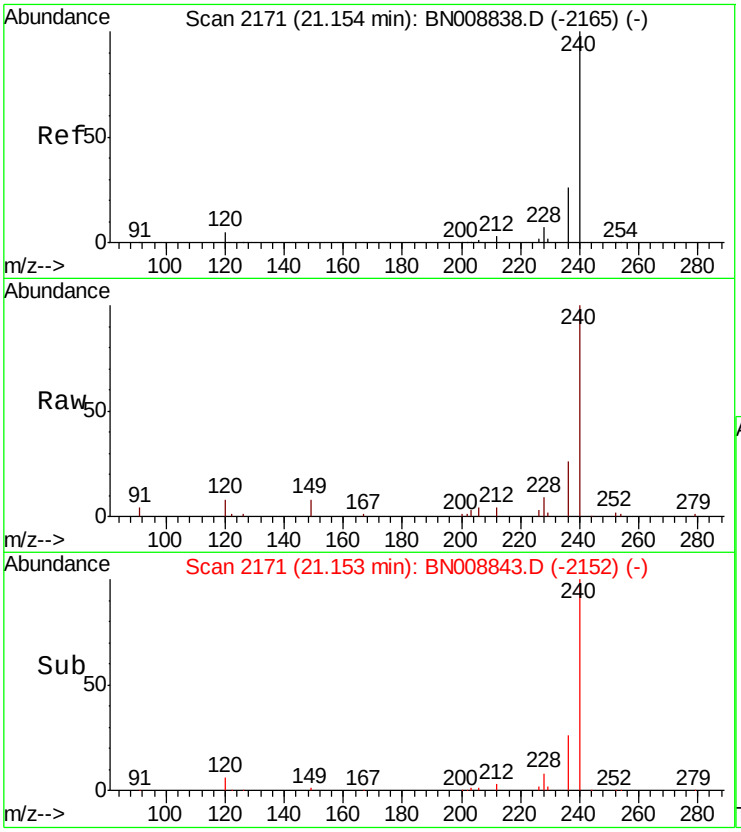


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:202 Resp: 29200

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.0	13.7	20.5



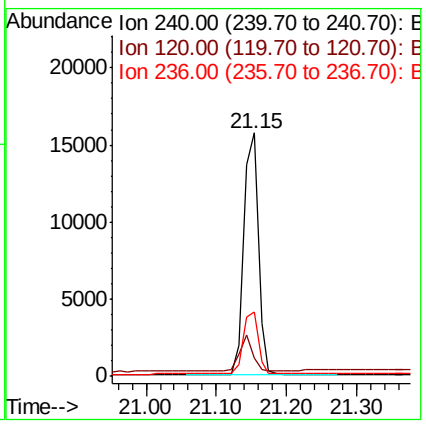


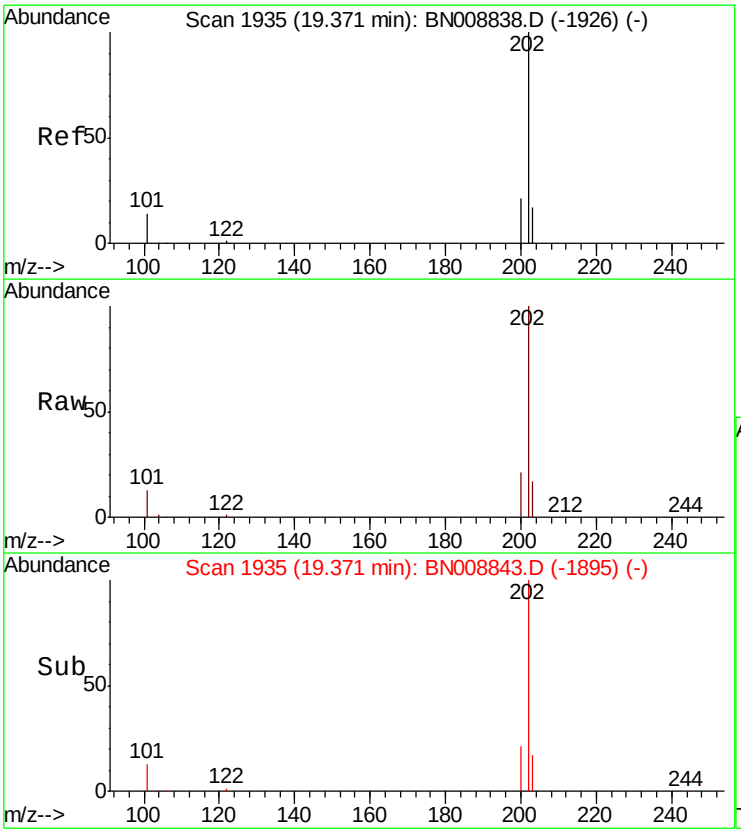
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 22489

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.0	9.0
236	26.4	21.4	32.0

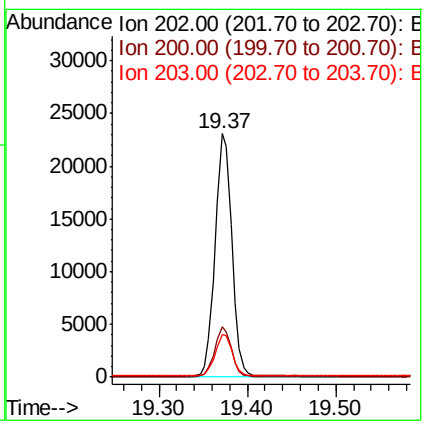


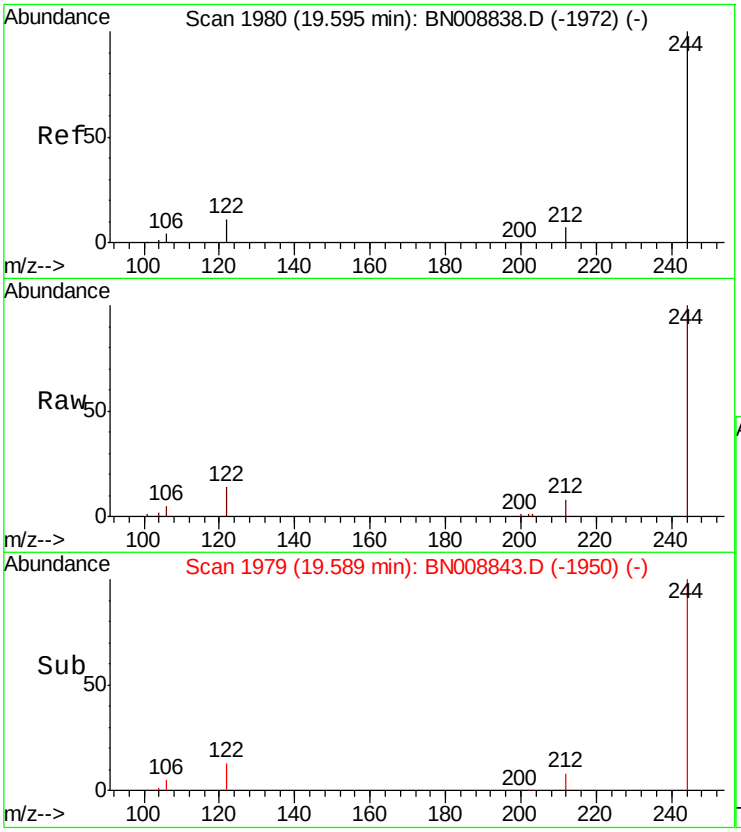


#28
Pyrene
Concen: 0.383 ng
RT: 19.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:202 Resp: 30072

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	17.3	14.2	21.2



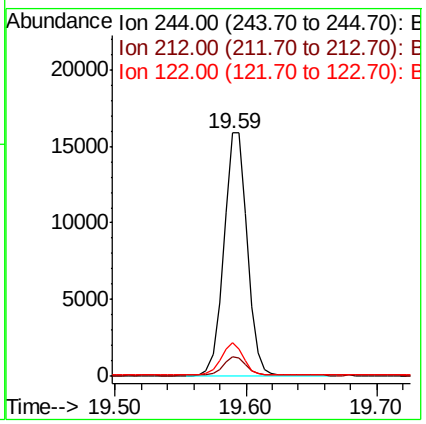


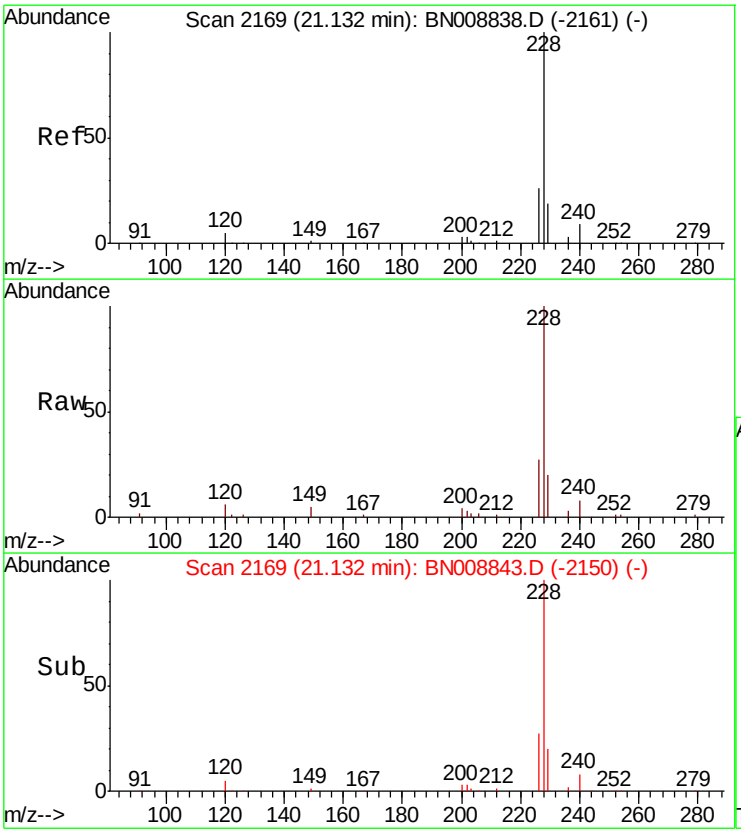
#29
Terphenyl-d14
Concen: 0.380 ng
RT: 19.59 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19680

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	13.7	8.9	13.3#

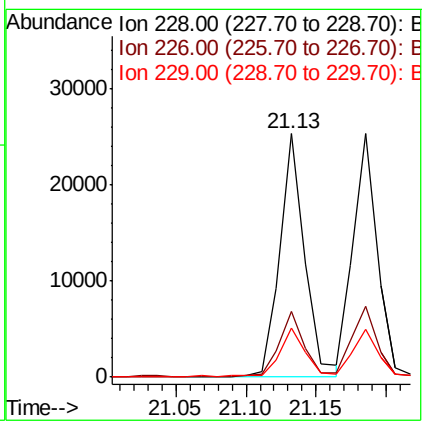


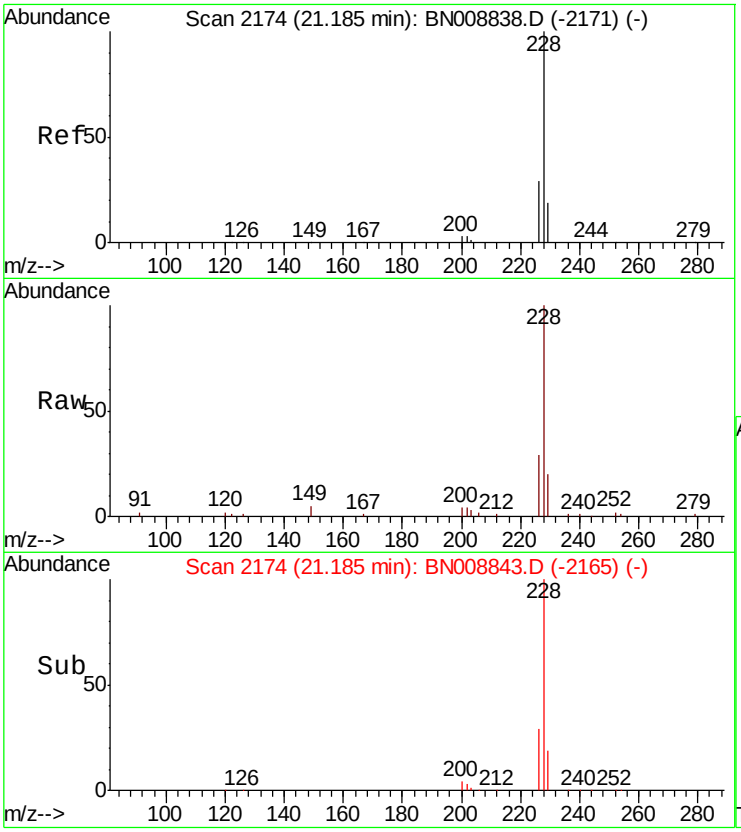


#30
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:228 Resp: 31219

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.8	31.2
229	20.0	15.9	23.9



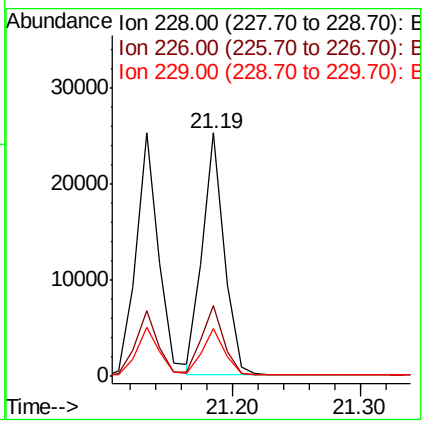


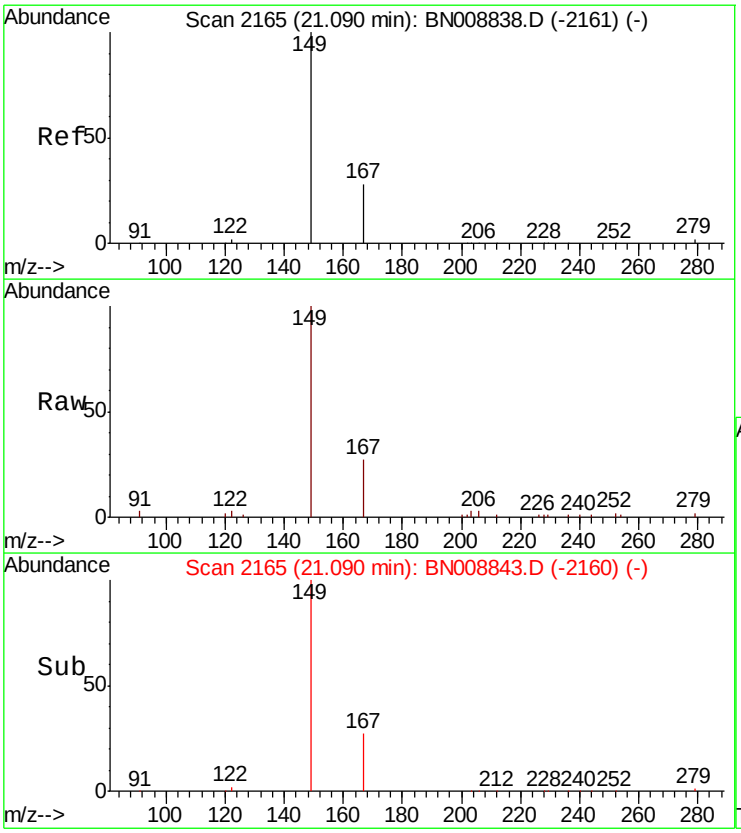
#31
Chrysene
Concen: 0.381 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 30028

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	19.6	15.8	23.8

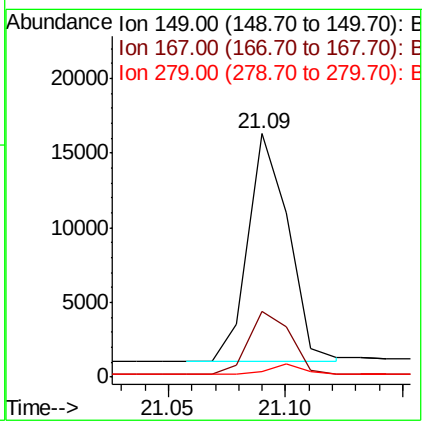


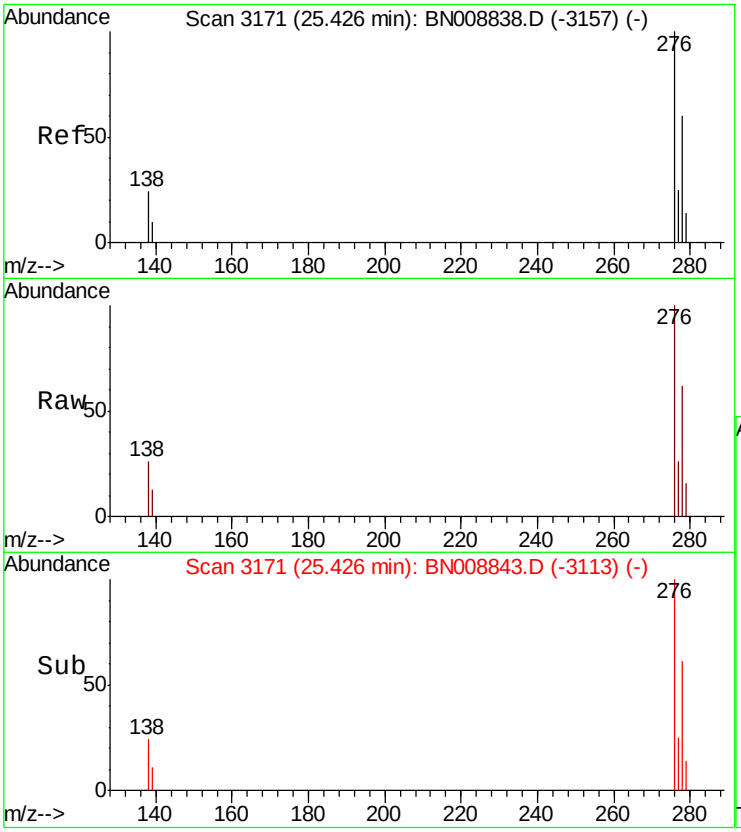


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.339 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:149 Resp: 18358

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.1	34.7
279	4.3	3.4	5.2



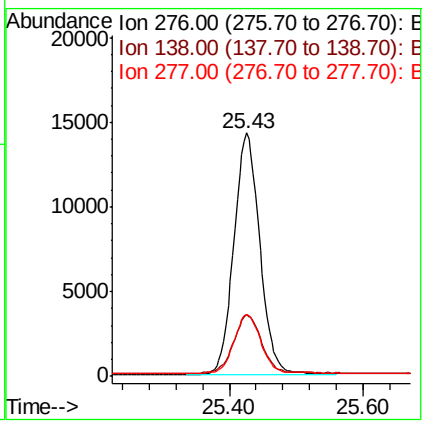


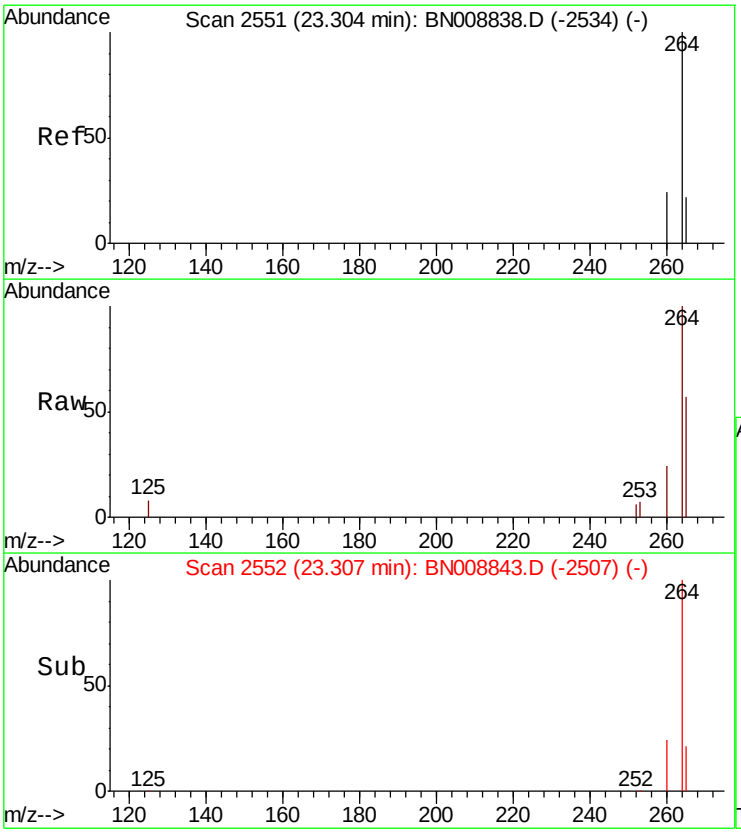
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 25.43 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 38353

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.2
277	24.9	19.8	29.6

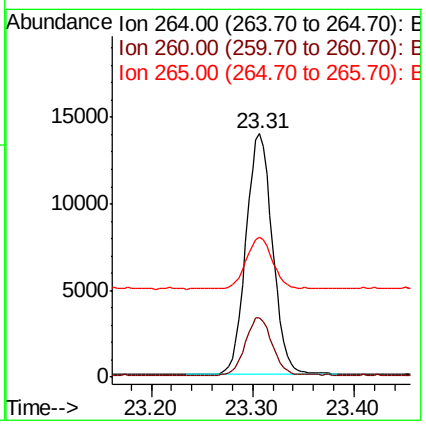


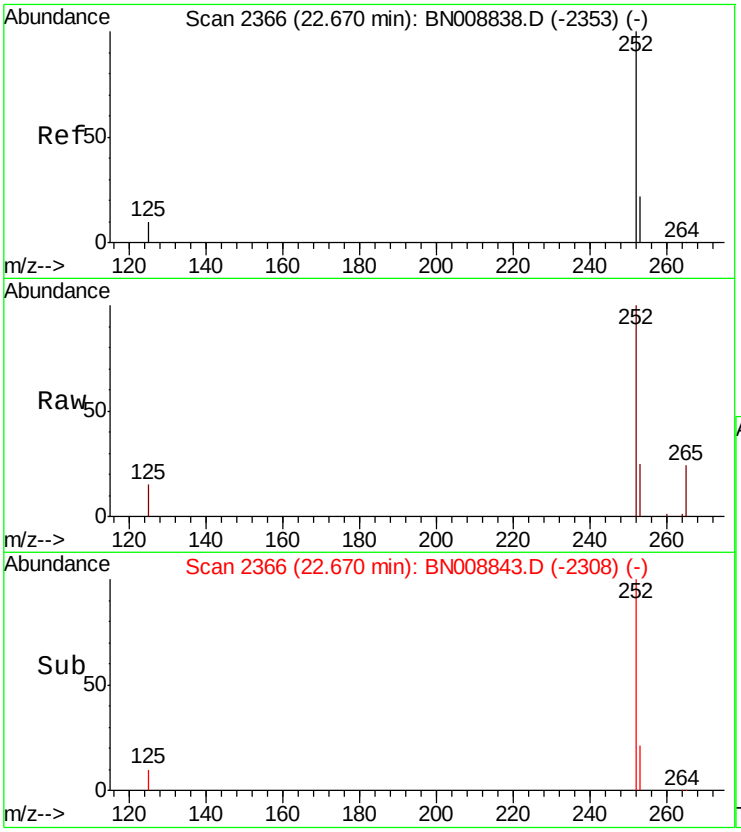


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.31 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:264 Resp: 25215

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	57.4	46.8	70.2



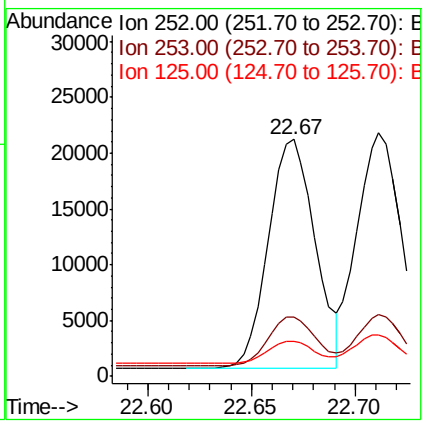


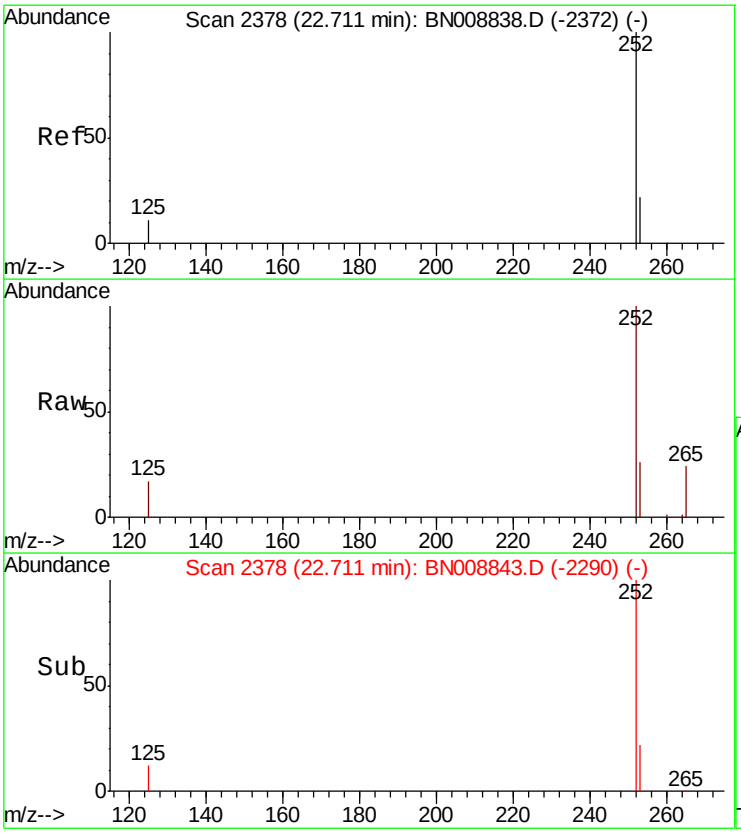
#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 22.67 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32151

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	31.0
125	14.8	12.3	18.5

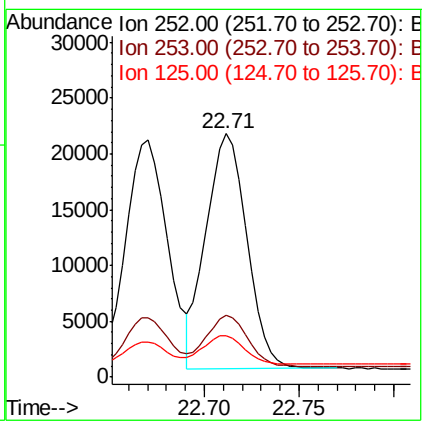


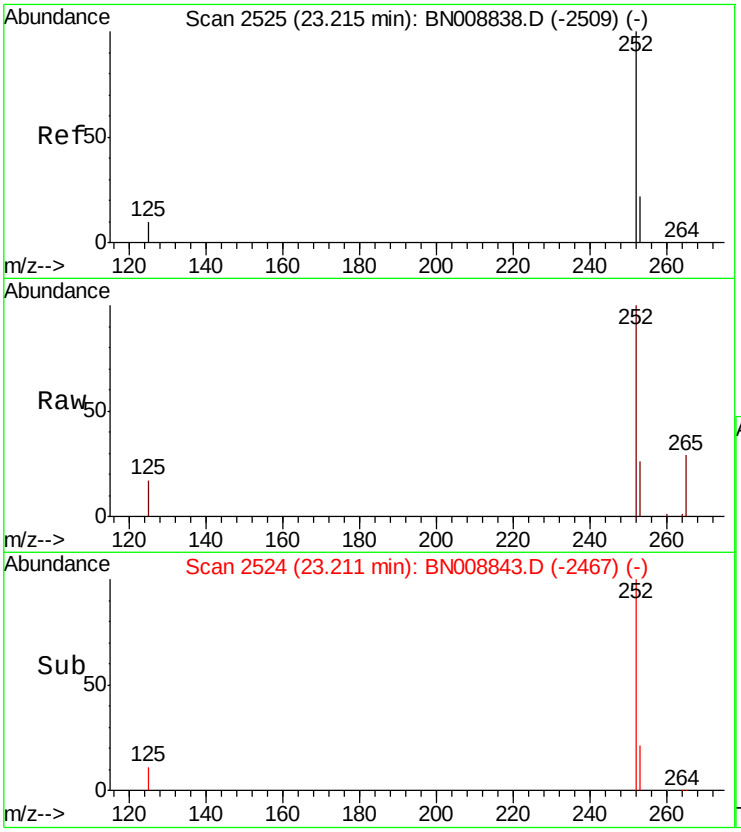


#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:252 Resp: 31565

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.0	31.4
125	16.8	13.5	20.3



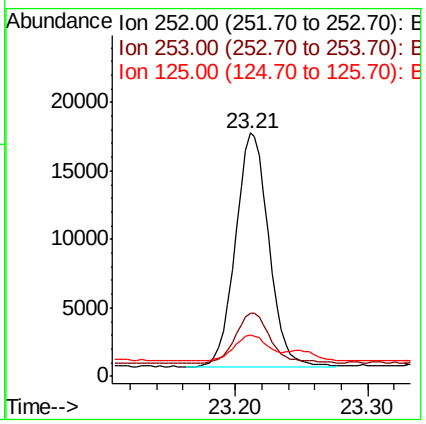


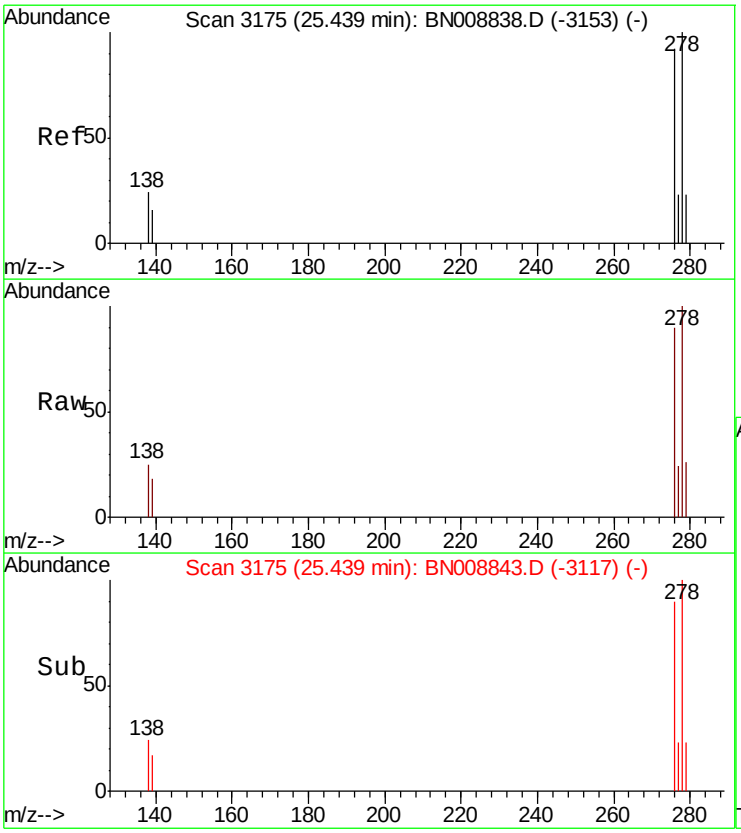
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 30050

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.4	32.2
125	17.2	13.7	20.5

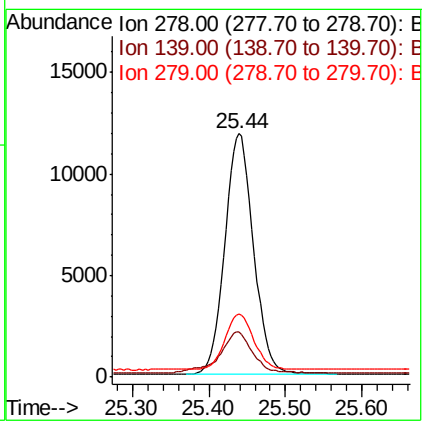


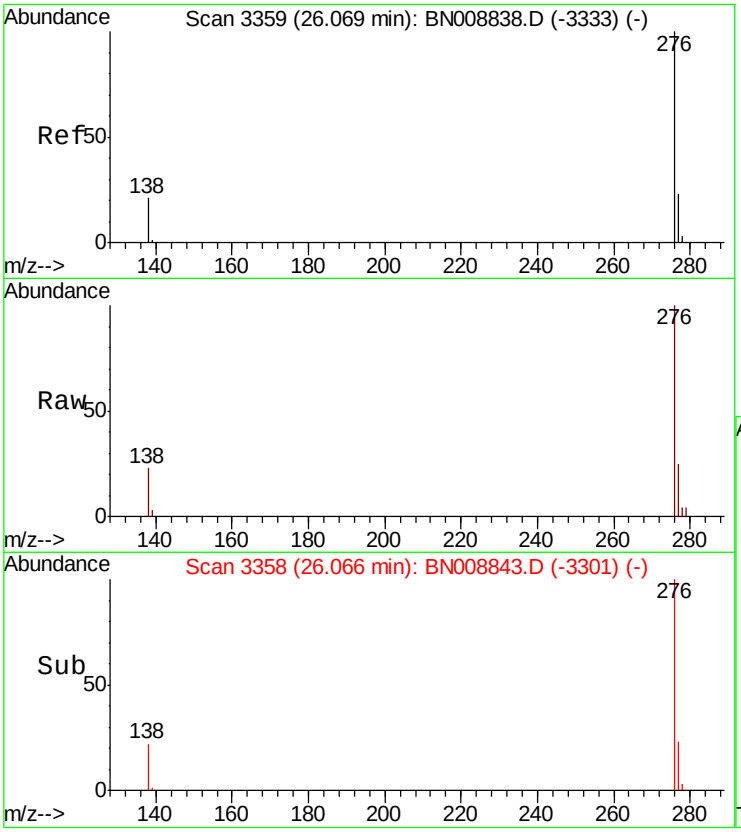


#38
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 25.44 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:278 Resp: 31245

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.3	22.9
279	26.0	21.2	31.8





#39
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 26.07 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 31484

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.1	30.1
138	23.4	18.6	27.8