Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
Data File : BN008852.D
Acq On : 05 Dec 2019 17:50
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 06 03:11:55 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	7.57	152	3101	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	13124	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	9198	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	20747	0.40	ng		0.00
27) Chrysene-d12	21.14	240	22325	0.40	ng		0.00
34) Perylene-d12	23.30	264	24994	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3230	0.38	ng		0.00
5) Phenol-d6	6.76	99	4500	0.39	ng		0.00
8) Nitrobenzene-d5	8.71	82	4534	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	8808	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.69	330	1862	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	13890	0.40	ng		0.00
25) Fluoranthene-d10	18.98	212	24764	0.39	ng		0.00
29) Terphenyl-d14	19.59	244	20429	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	1166	0.391	ng	#	100
3) n-Nitrosodimethylamine	3.51	42	1448	0.352	ng	#	100
6) bis(2-Chloroethyl)ether	7.01	93	4019	0.391	ng		98
9) Naphthalene	10.37	128	14138	0.404	ng		99
10) Hexachlorobutadiene	10.67	225	2786	0.404	ng	#	100
12) 2-Methylnaphthalene	11.99	142	10412	0.404	ng		100
16) Acenaphthylene	13.91	152	16398	0.382	ng		100
17) Acenaphthene	14.25	154	10792	0.396	ng		99
18) Fluorene	15.25	166	14523	0.402	ng		100
20) 4-Bromophenyl-phenylether	16.14	248	4823	0.397	ng		98
21) Hexachlorobenzene	16.26	284	5628	0.402	ng		99
22) Pentachlorophenol	16.60	266	1871	0.333	ng		98
23) Phenanthrene	16.98	178	25192	0.398	ng		99
24) Anthracene	17.07	178	22445	0.386	ng		100
26) Fluoranthene	19.01	202	30352	0.398	ng		100
28) Pyrene	19.37	202	31012	0.398	ng		100
30) Benzo(a)anthracene	21.12	228	31958	0.396	ng		99
31) Chrysene	21.18	228	31427	0.401	ng		100
32) Bis(2-ethylhexyl)phthalate	21.08	149	17315	0.322	ng		99
33) Indeno(1,2,3-cd)pyrene	25.41	276	40281	0.417	ng		98
35) Benzo(b)fluoranthene	22.66	252	32340	0.390	ng		98
36) Benzo(k)fluoranthene	22.66	252	32340	0.397	ng		96
37) Benzo(a)pyrene	23.20	252	31038	0.396	ng		98
38) Dibenzo(a,h)anthracene	25.43	278	32549	0.407	ng		98
39) Benzo(g,h,i)perylene	26.05	276	32826	0.405	ng		99

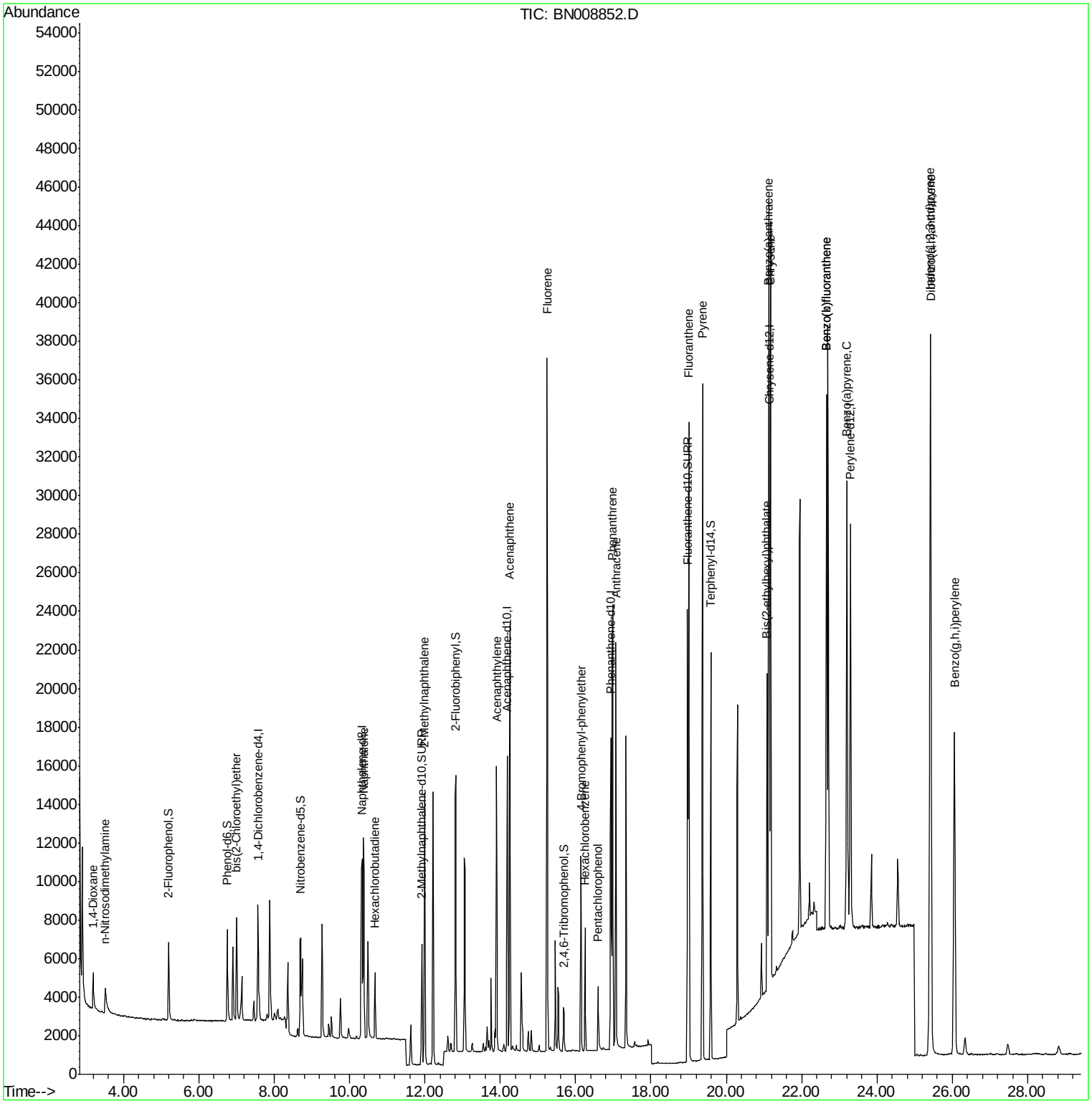
(#) = qualifier out of range (m) = manual integration (+) = signals summed

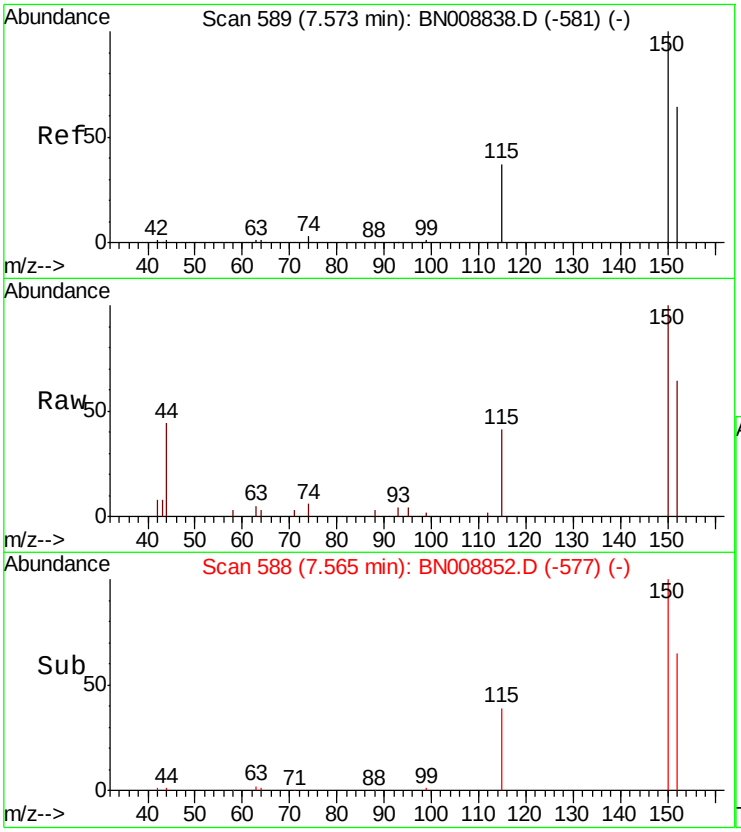
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
Data File : BN008852.D
Acq On : 05 Dec 2019 17:50
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 06 03:11:55 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



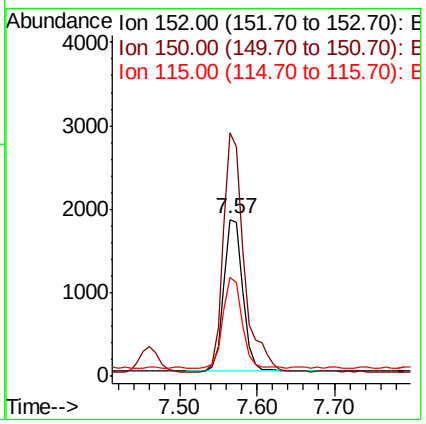


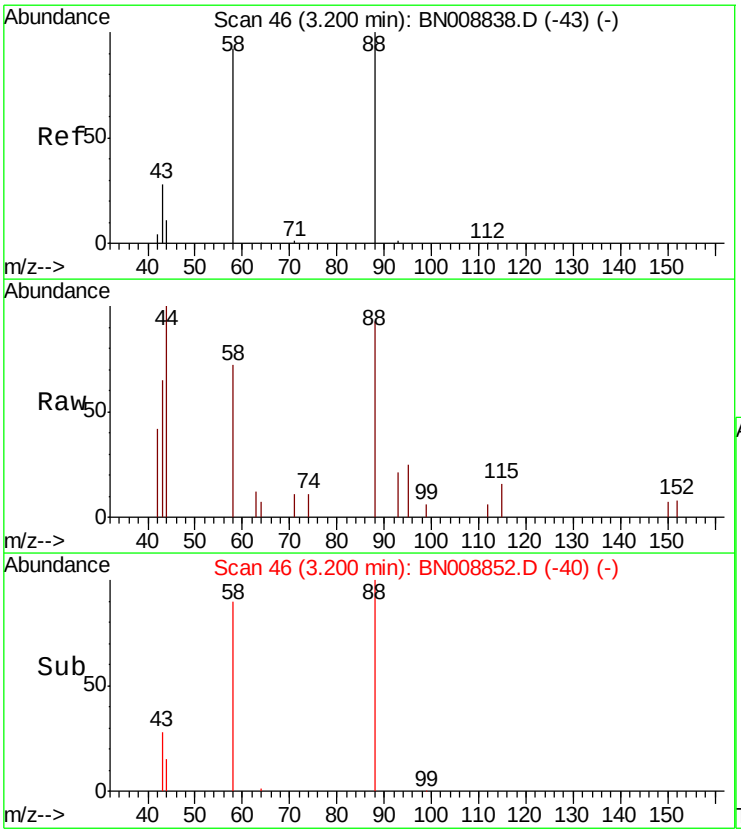
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3101

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.9	185.9
115	63.3	49.9	74.9

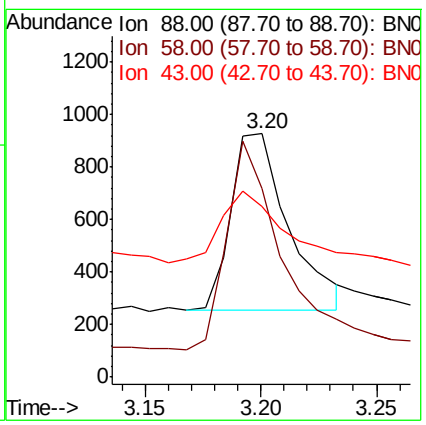


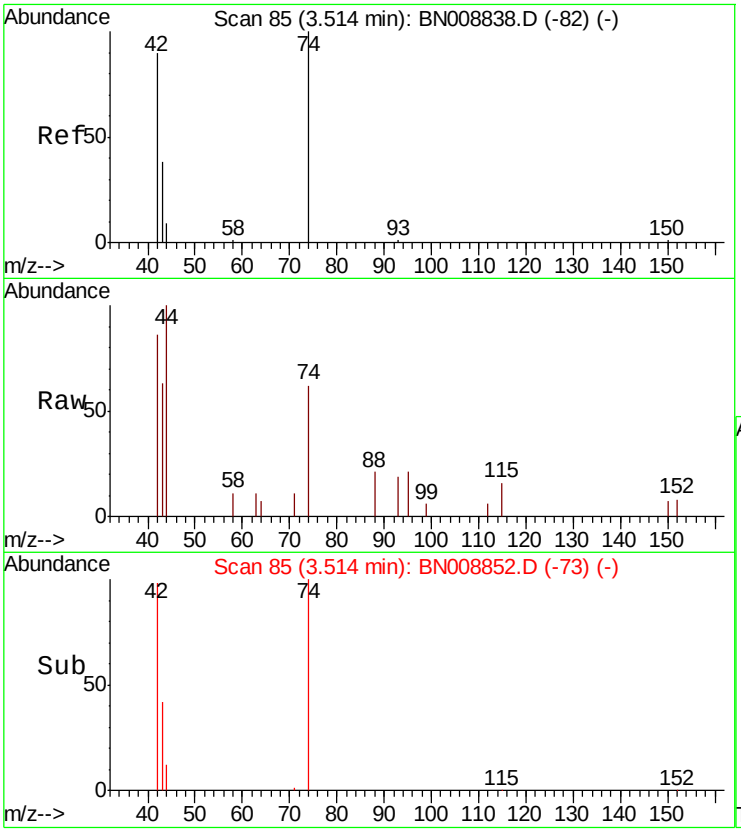


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion: 88 Resp: 1166

Ion	Ratio	Lower	Upper
88	100		
58	110.5	0.0	0.0#
43	42.1	0.0	0.0#



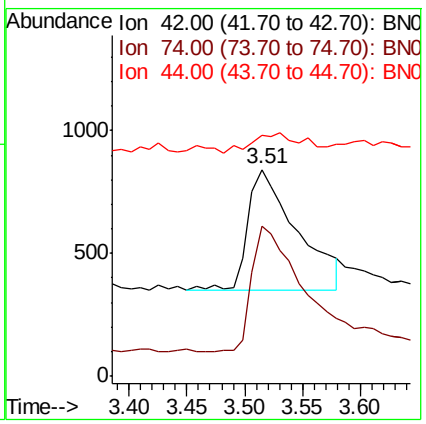


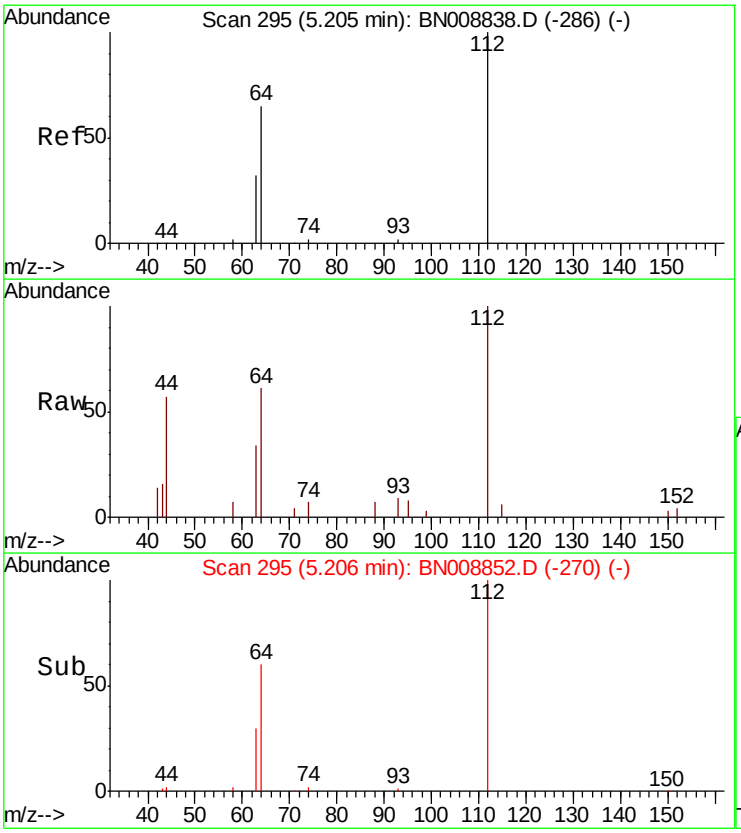
#3
n-Nitrosodimethylamine
Concen: 0.352 ng
RT: 3.51 min Scan# 85
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1448

Ion	Ratio	Lower	Upper
42	100		
74	105.4	0.0	0.0#
44	16.6	0.0	0.0#

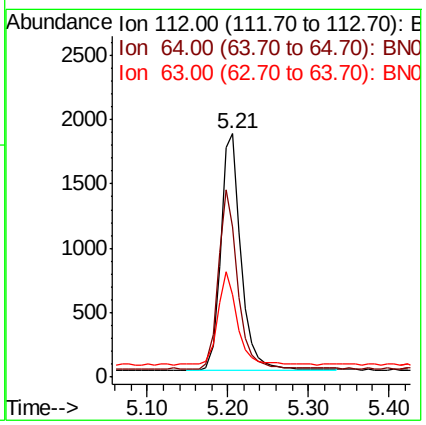


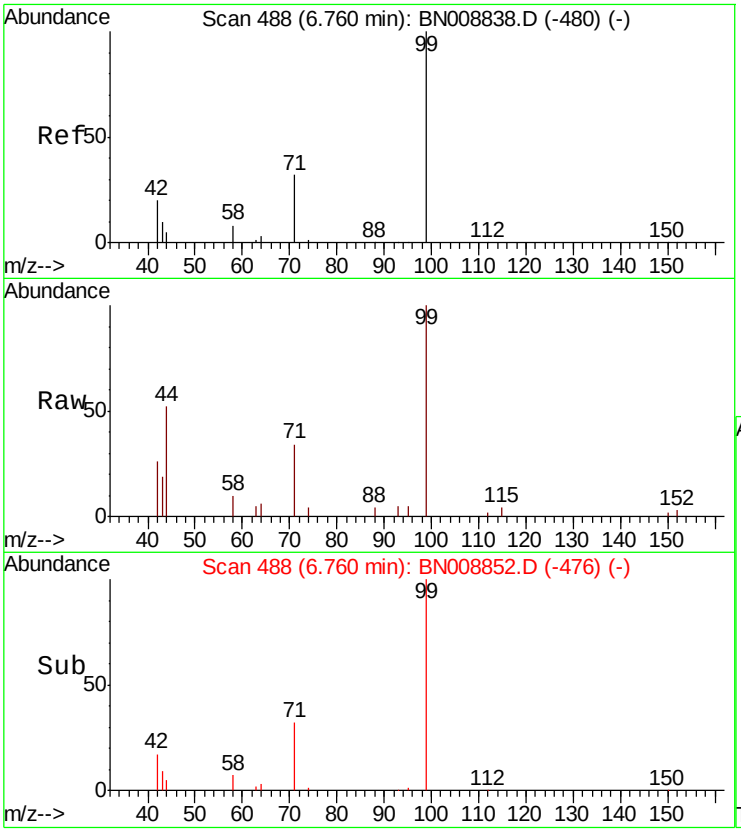


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:112 Resp: 3230

Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.3	84.5
63	37.4	28.2	42.2



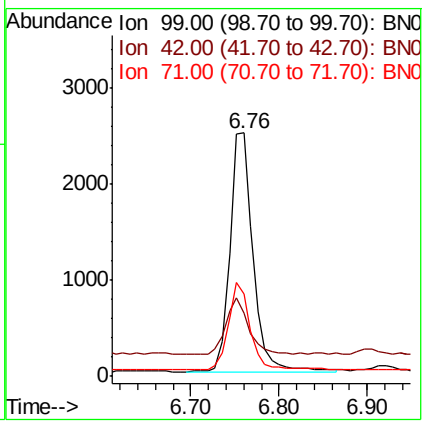


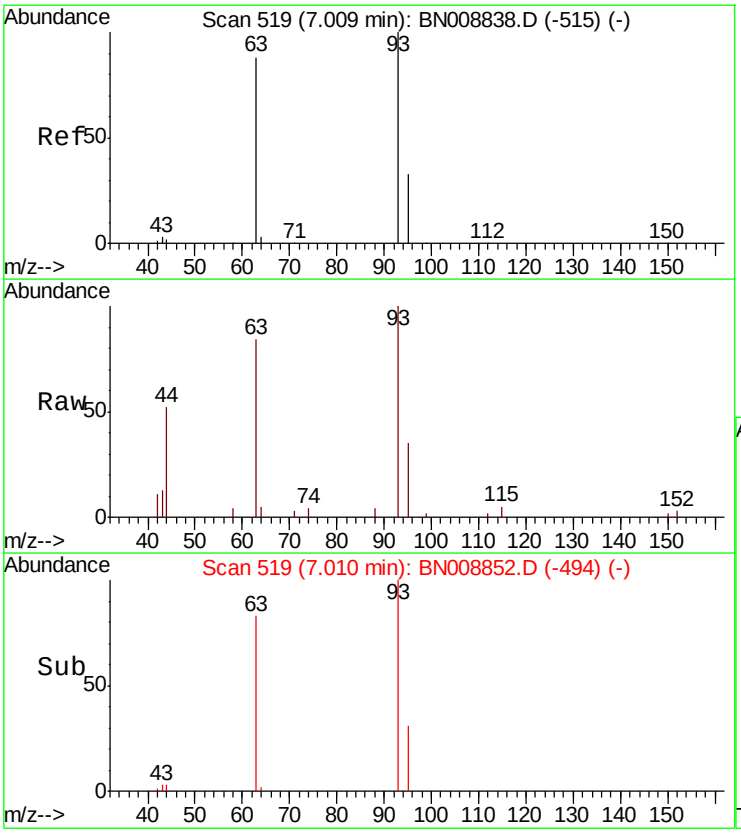
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.76 min Scan# 488
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4500

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.1	27.1
71	34.4	26.6	40.0

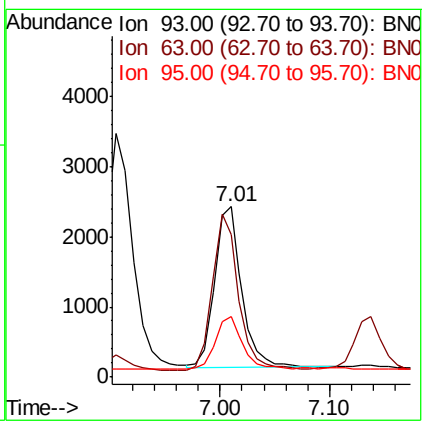


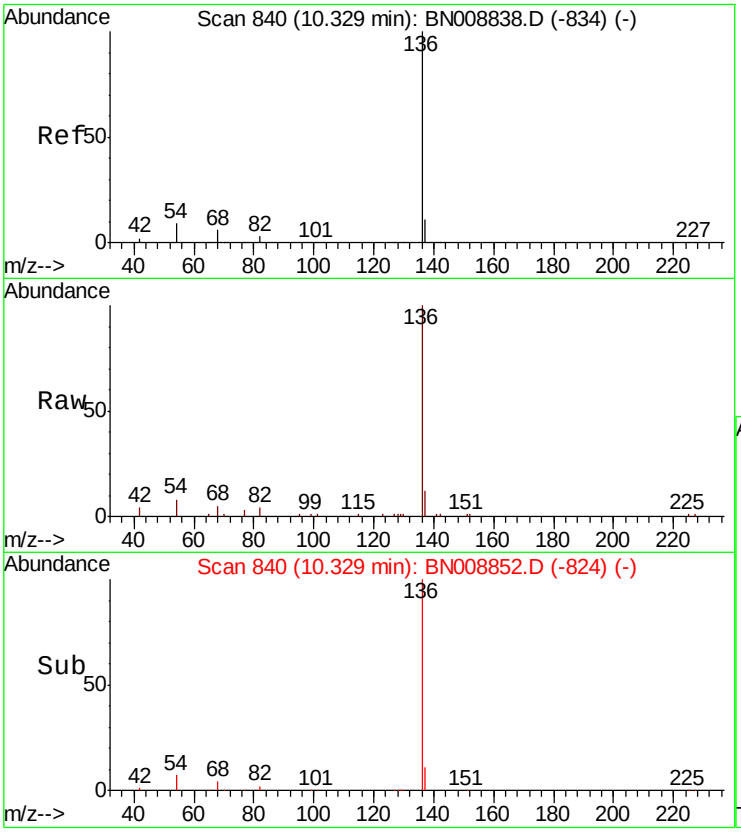


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.01 min Scan# 519
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion: 93 Resp: 4019

Ion	Ratio	Lower	Upper
93	100		
63	92.9	72.1	108.1
95	32.4	25.7	38.5



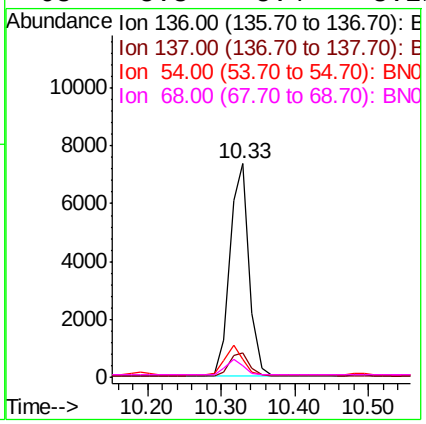


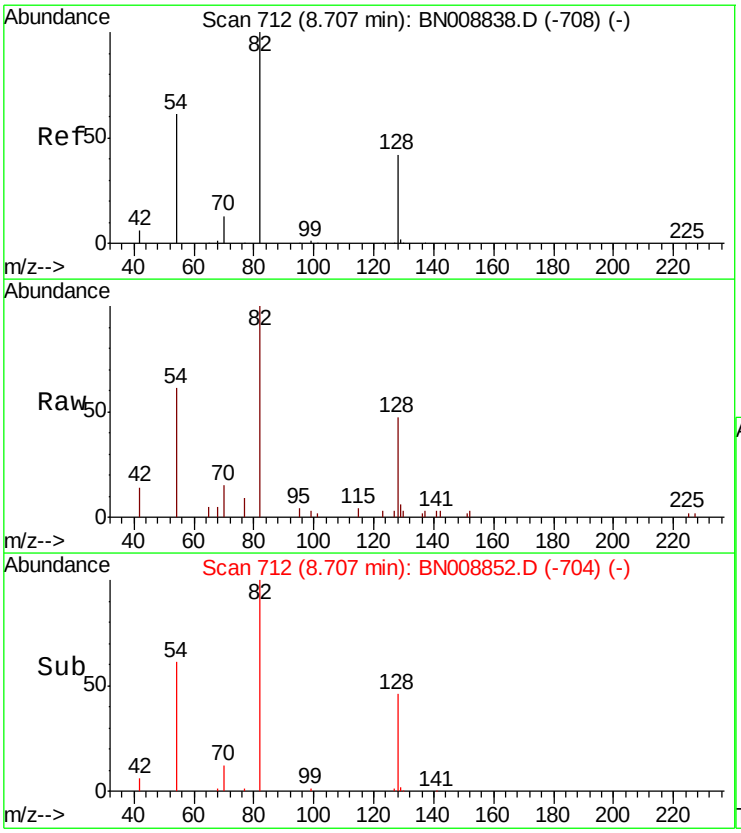
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13124

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.5	8.2	12.2
68	5.3	5.4	8.2#

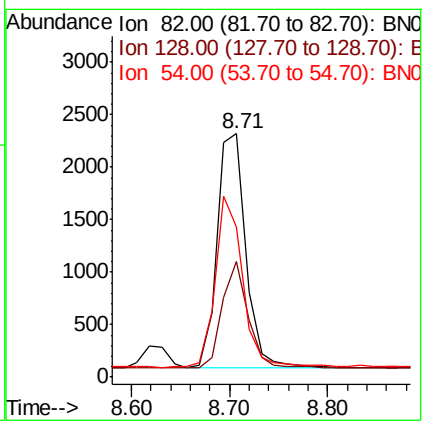


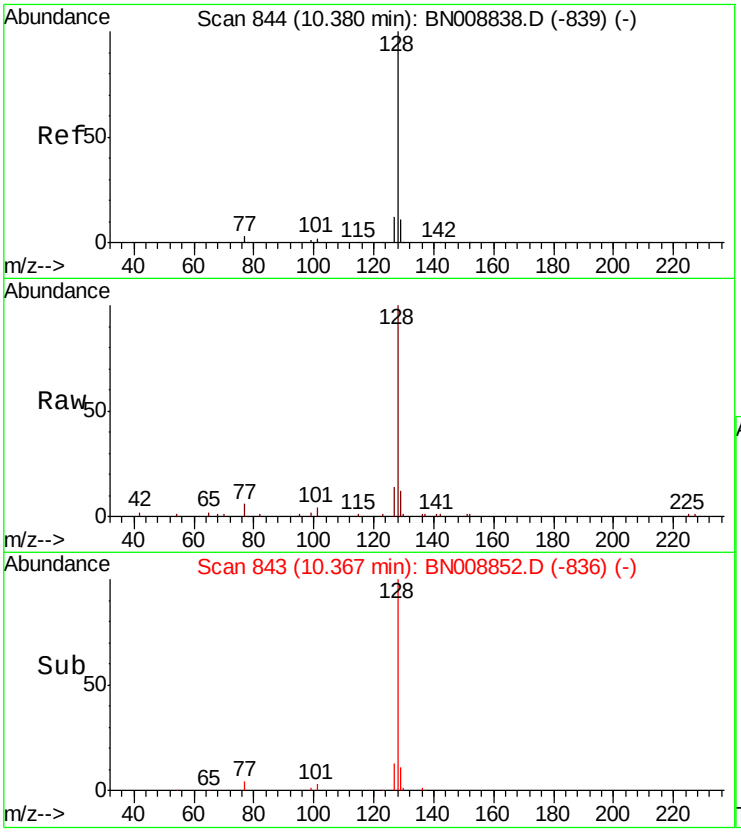


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion: 82 Resp: 4534

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.0	52.6
54	61.5	50.2	75.2



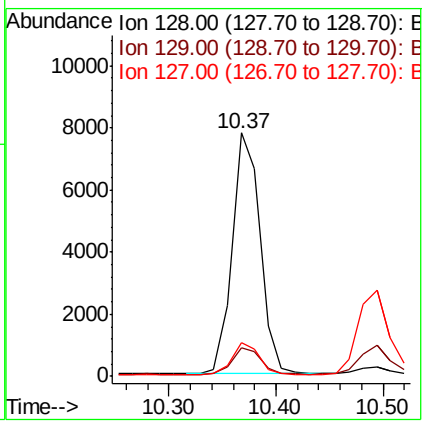


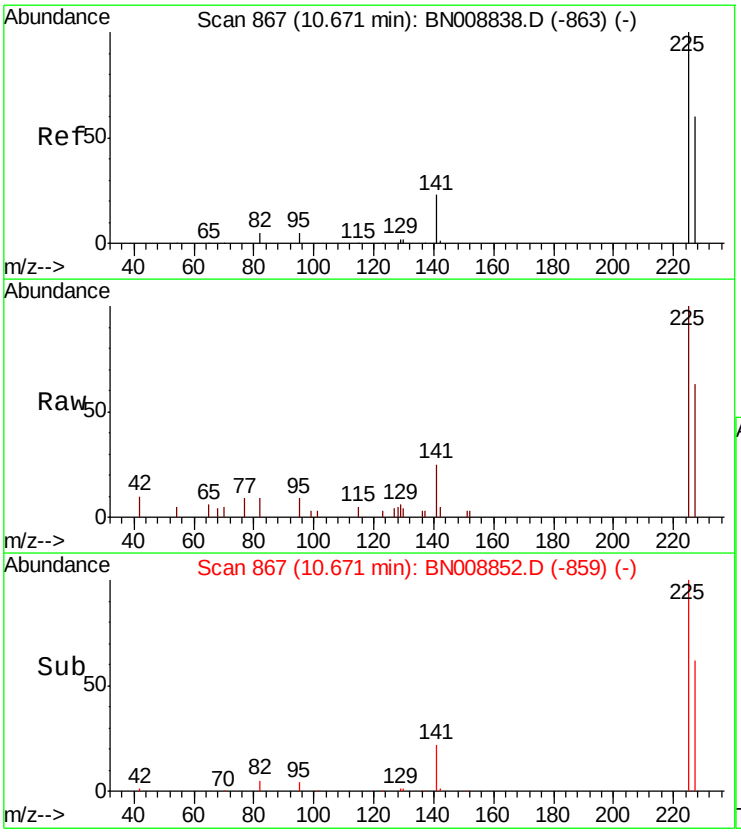
#9
Naphthalene
Concen: 0.404 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14138

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	13.9	10.5	15.7

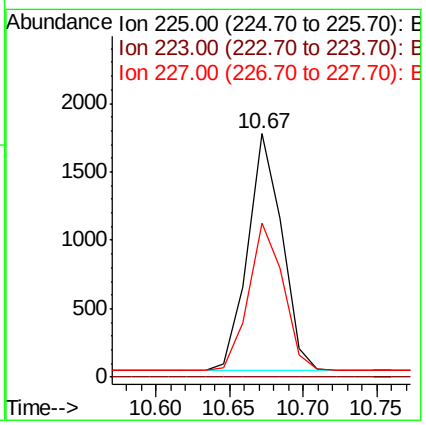


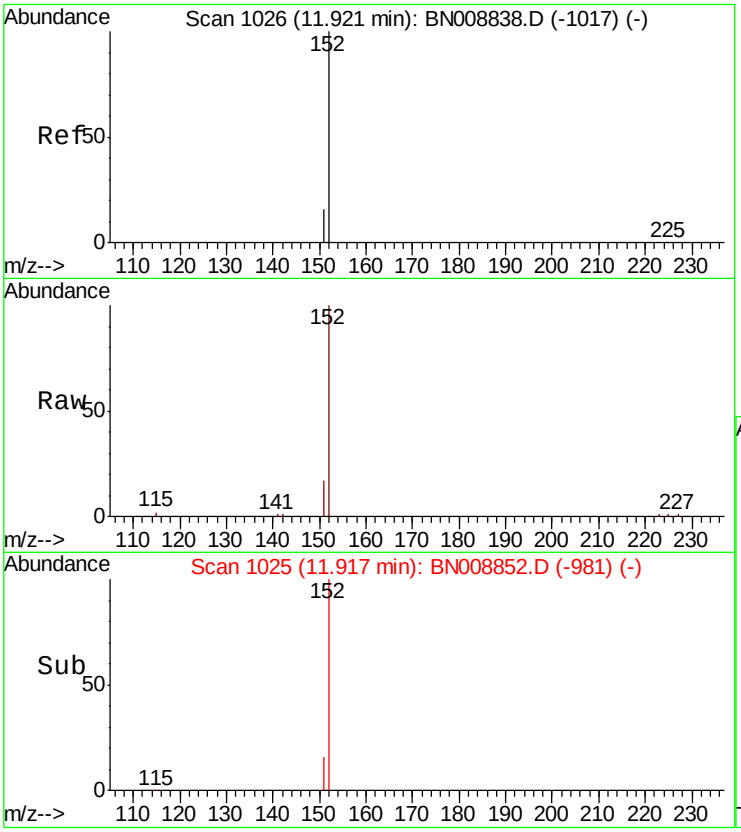


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:225 Resp: 2786

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3



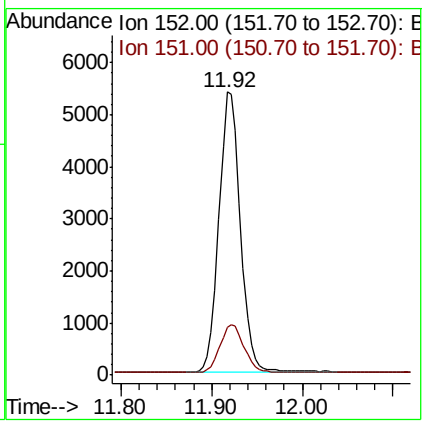


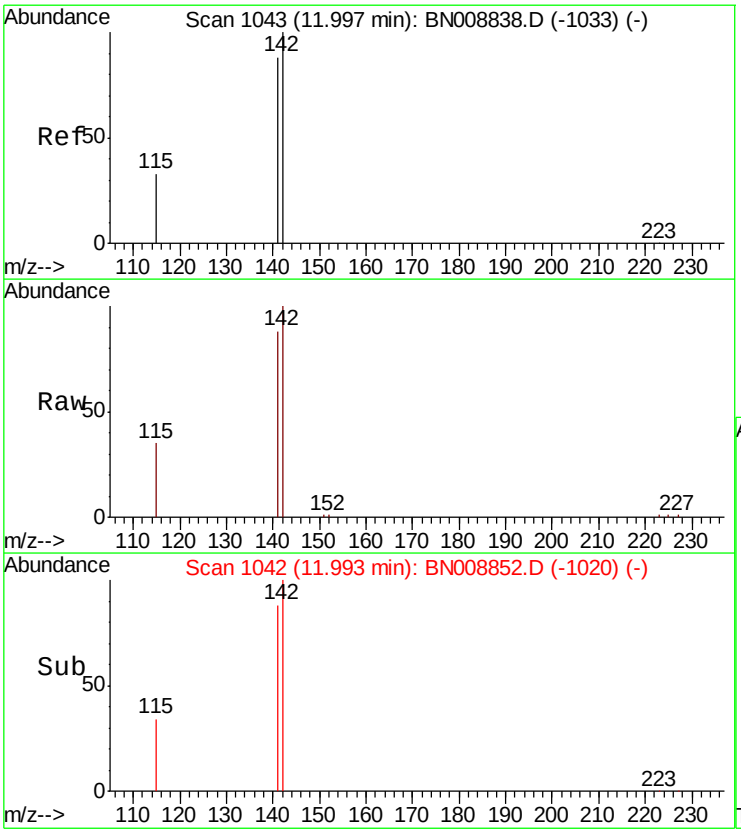
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.92 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8808

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

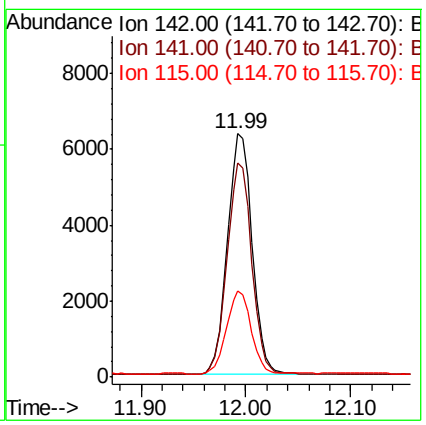


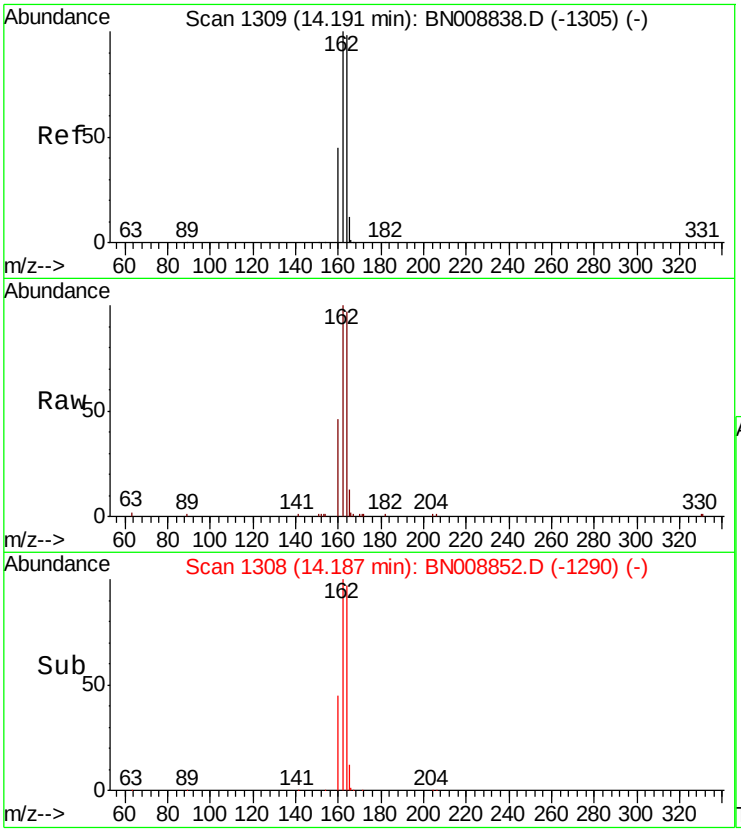


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 11.99 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:142 Resp: 10412

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.4
115	35.3	27.6	41.4



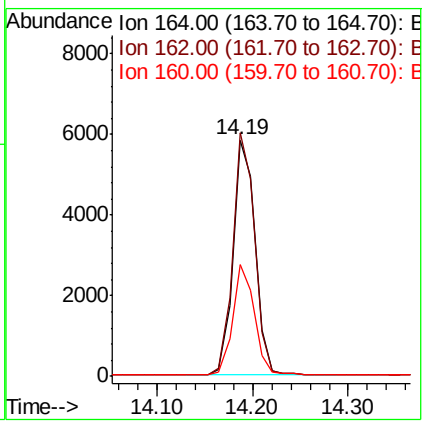


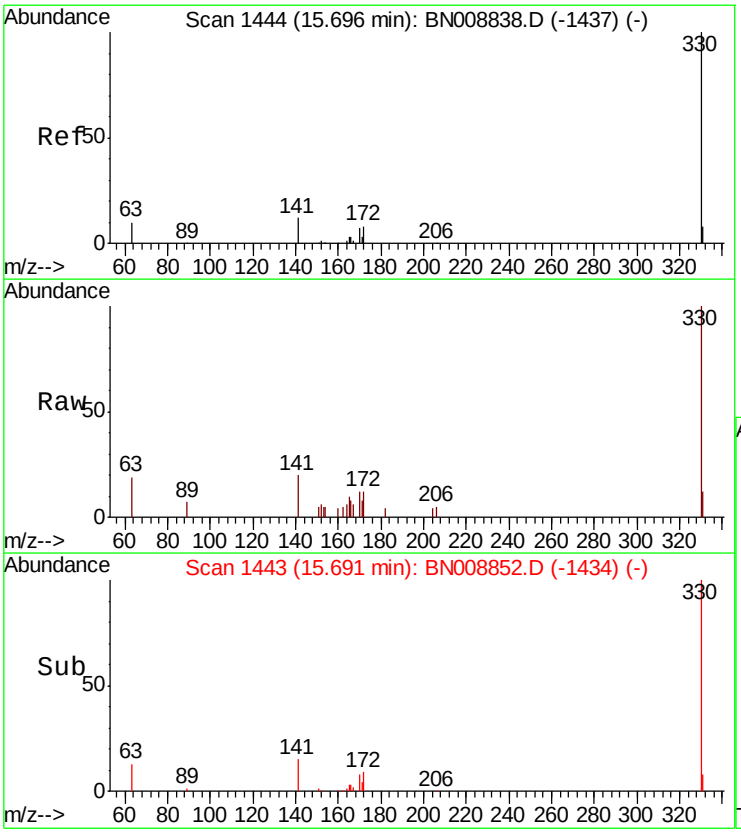
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9198

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	47.2	37.4	56.2

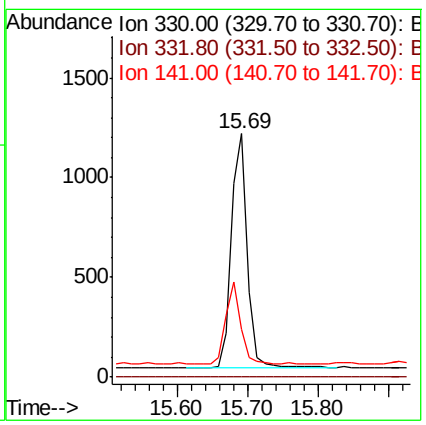


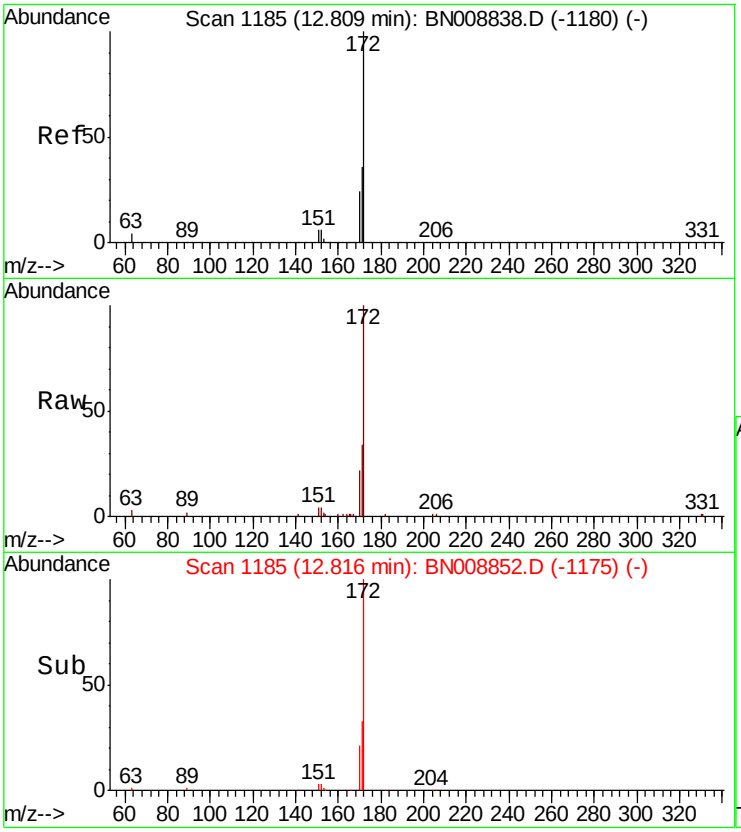


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.69 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:330 Resp: 1862

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	26.2	39.4



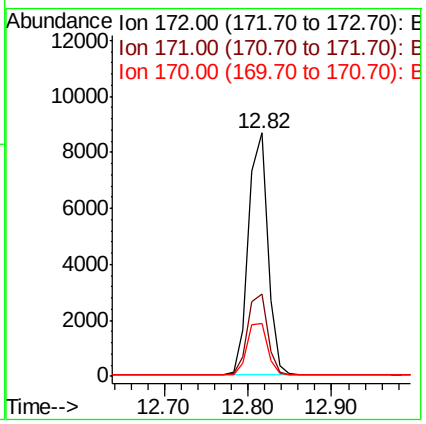


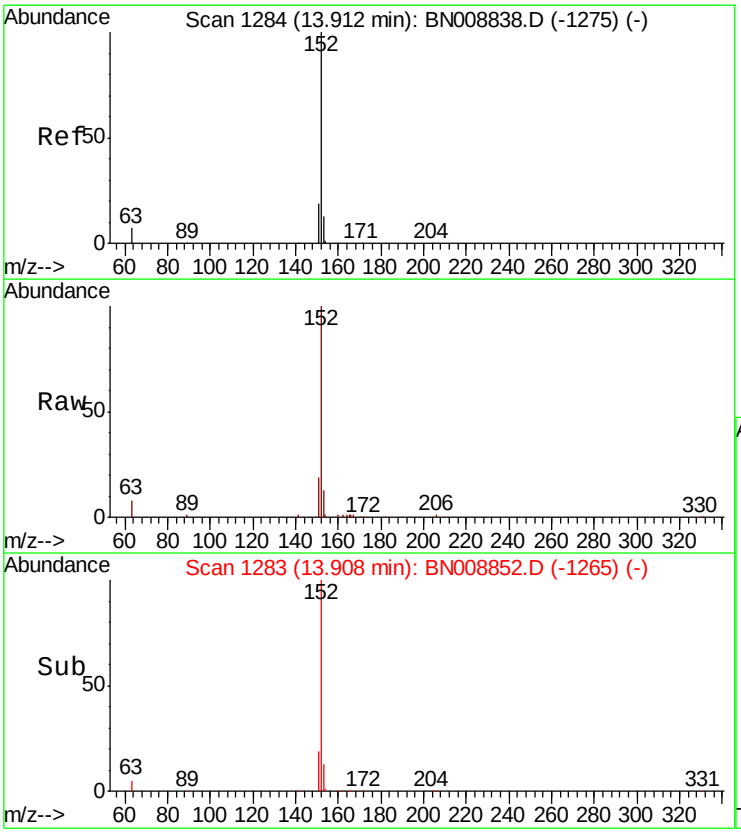
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.82 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 13890

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.9	43.3
170	22.0	19.7	29.5

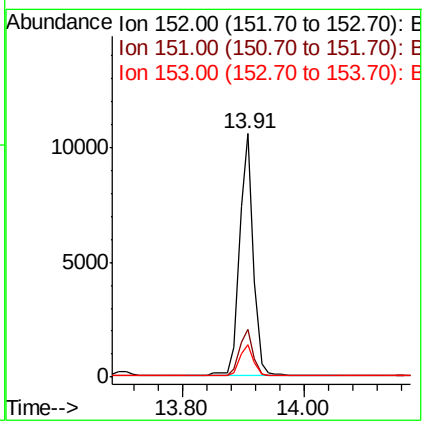


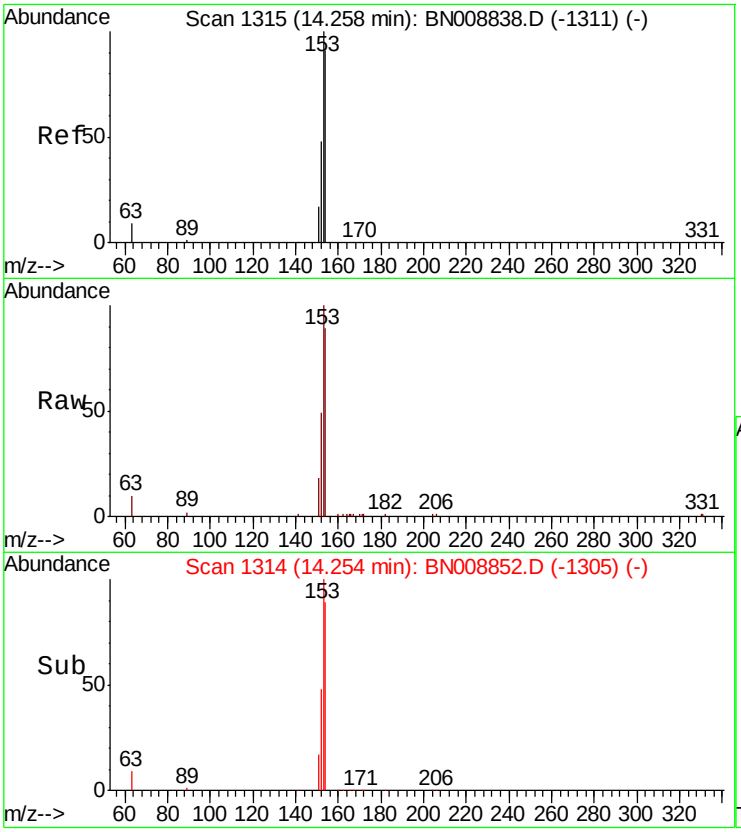


#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.91 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:152 Resp: 16398

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2
153	13.0	10.4	15.6



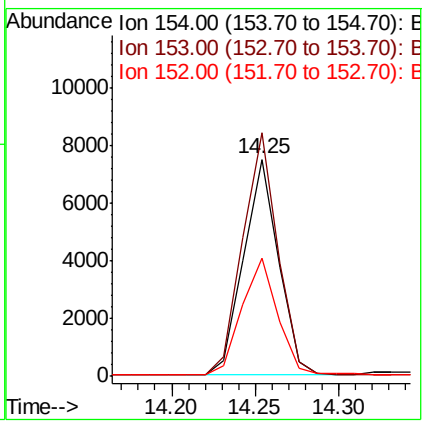


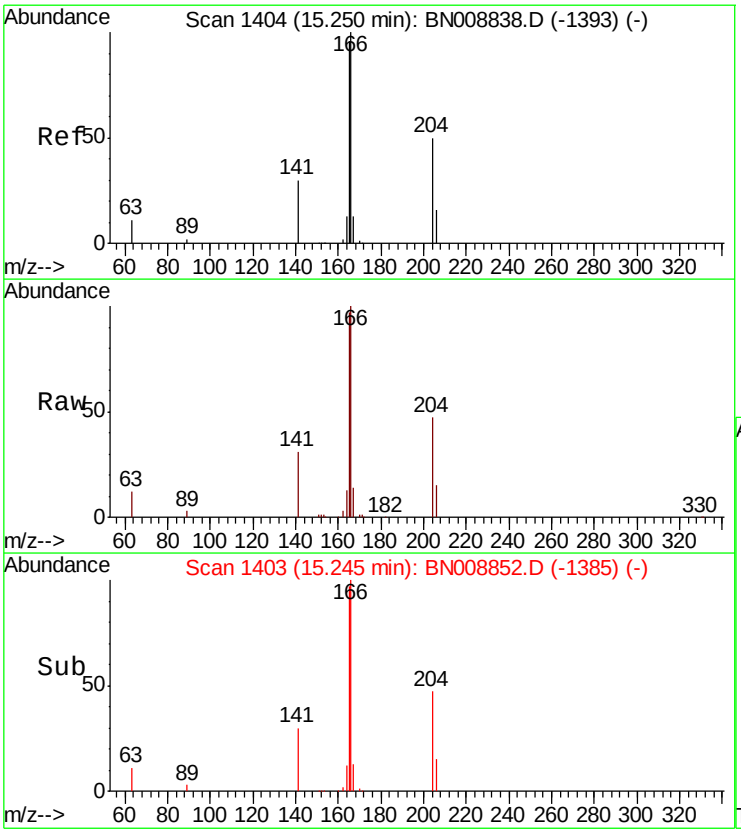
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10792

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.2
152	55.6	43.8	65.8

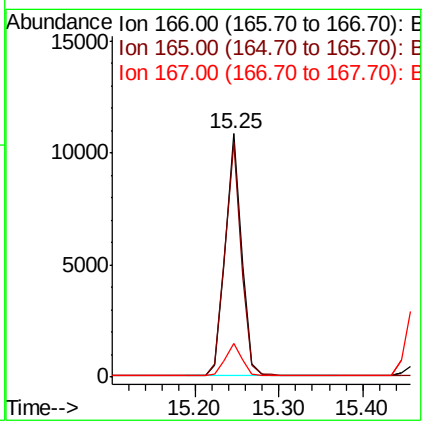


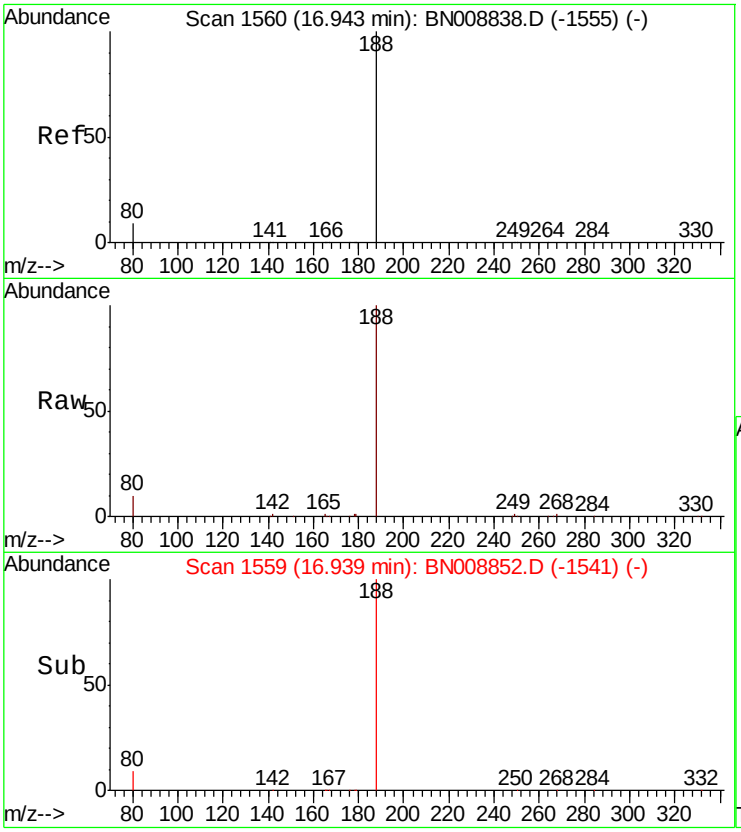


#18
Fluorene
Concen: 0.402 ng
RT: 15.25 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:166 Resp: 14523

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.0	115.6
167	13.7	10.8	16.2



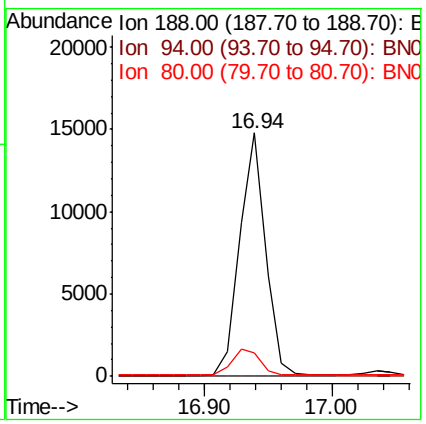


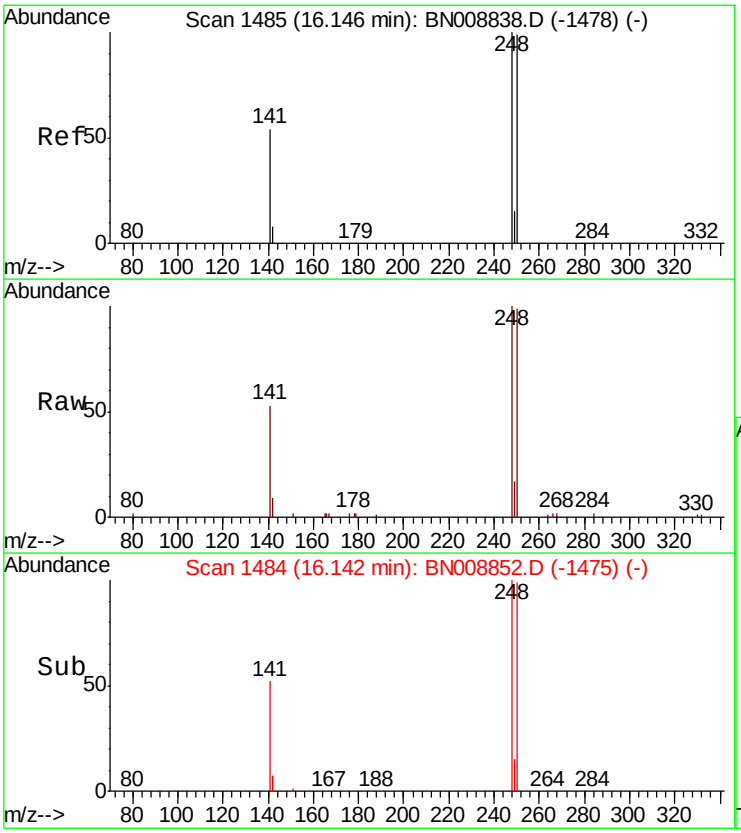
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 20747

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.4	11.2

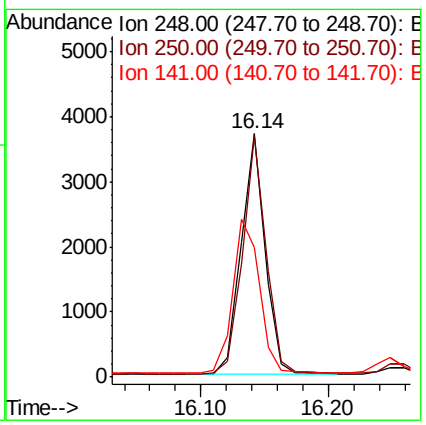


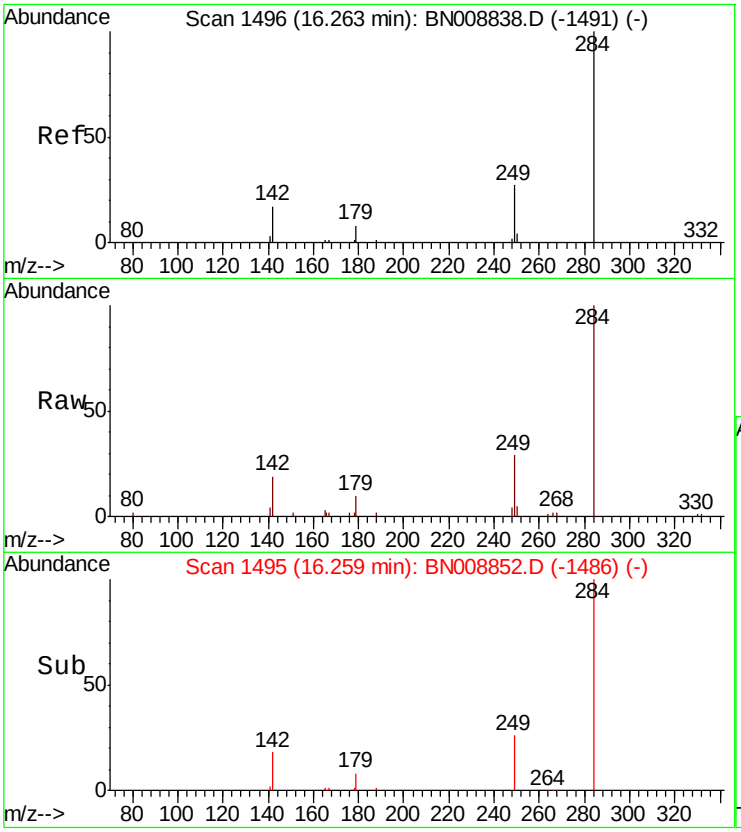


#20
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.14 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:248 Resp: 4823

Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.7	119.5
141	53.4	44.7	67.1



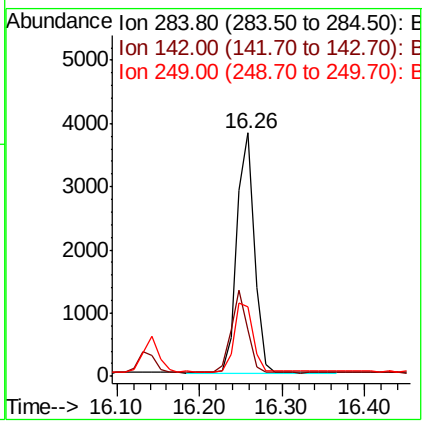


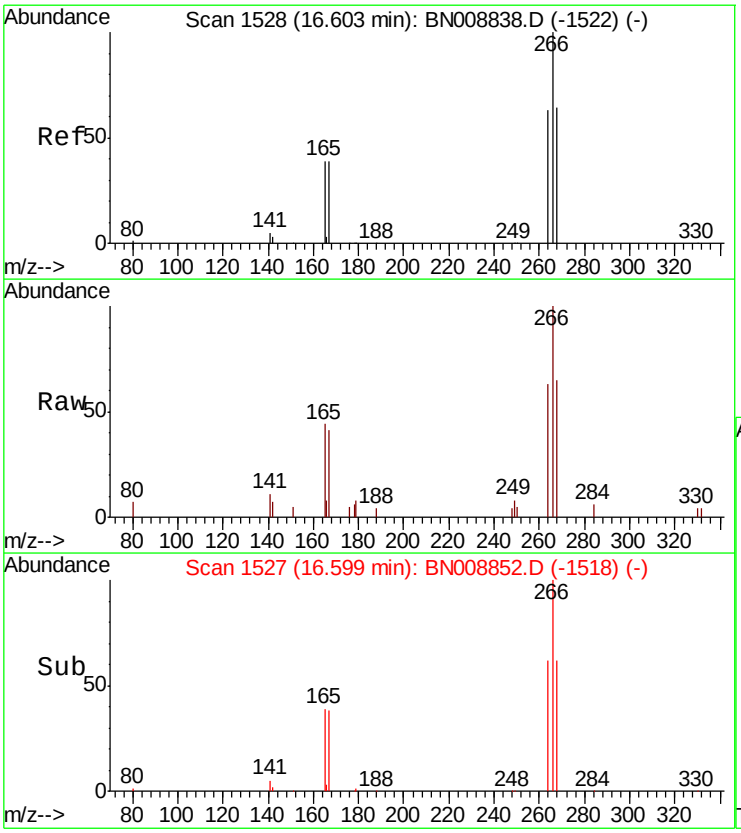
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.26 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5628

Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.4	38.0
249	30.7	24.3	36.5

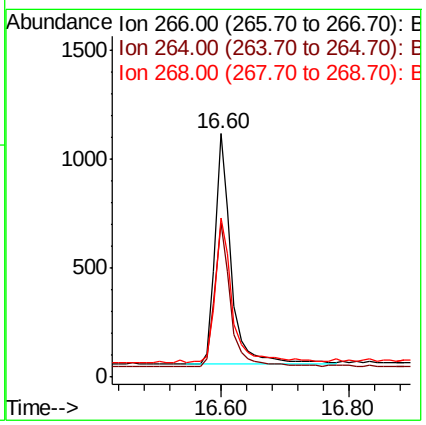


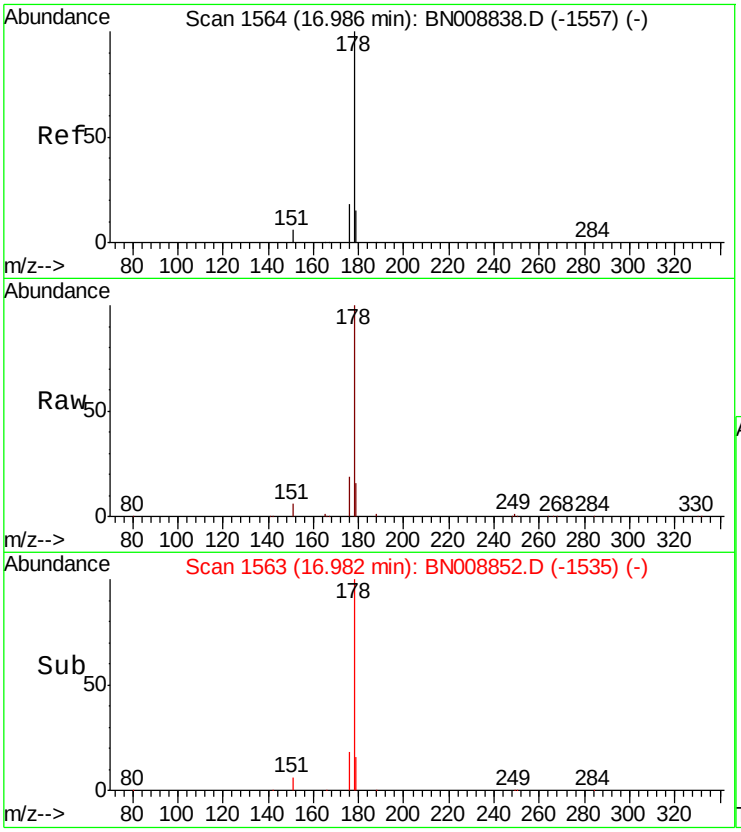


#22
Pentachlorophenol
Concen: 0.333 ng
RT: 16.60 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:266 Resp: 1871

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.0	76.4
268	65.1	53.7	80.5



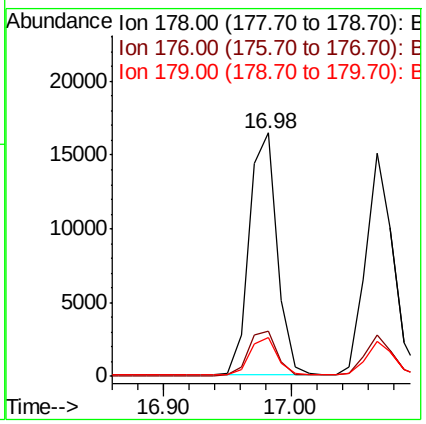


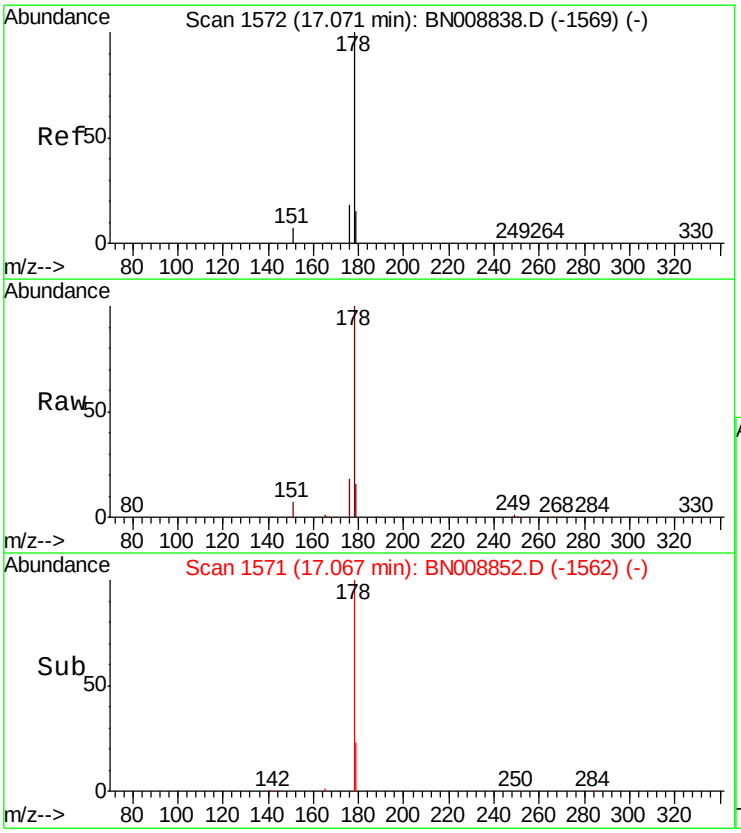
#23
Phenanthrene
Concen: 0.398 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 25192

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.2	18.2

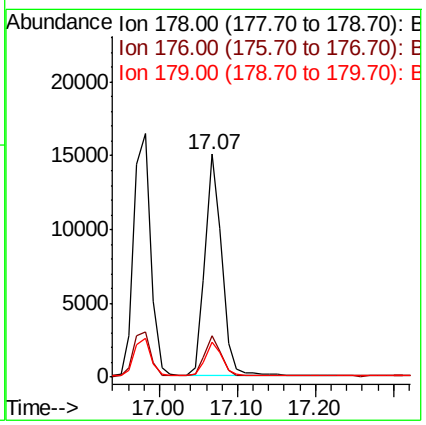


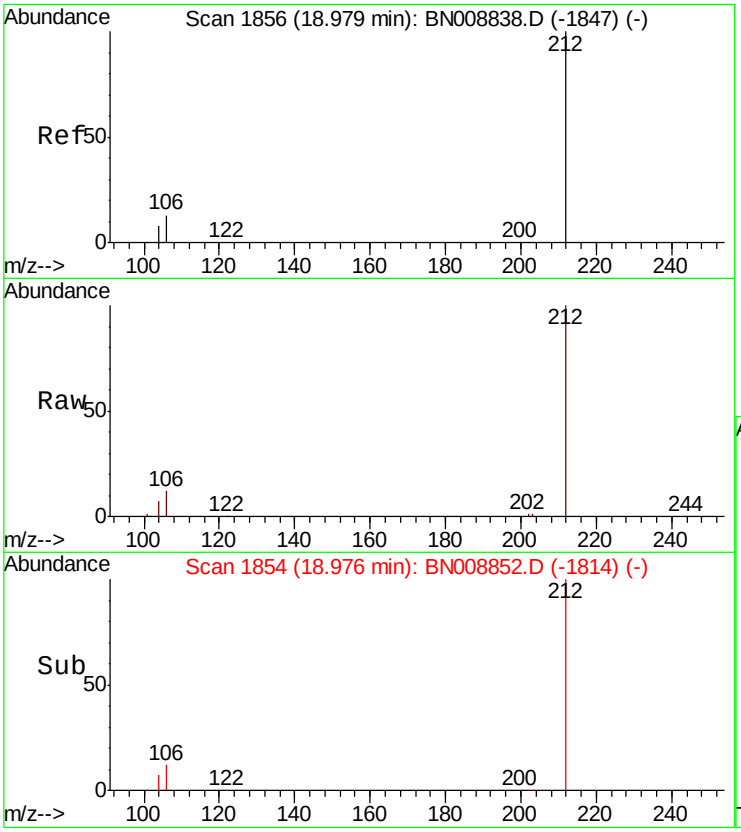


#24
Anthracene
Concen: 0.386 ng
RT: 17.07 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:178 Resp: 22445

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.1	12.2	18.2



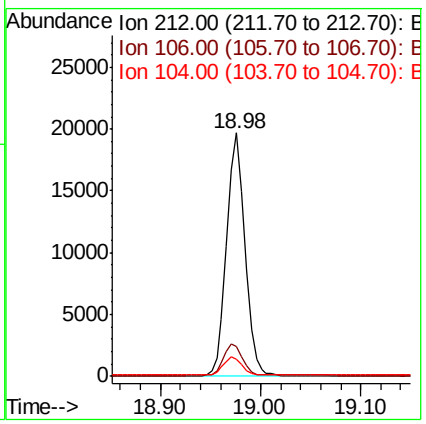


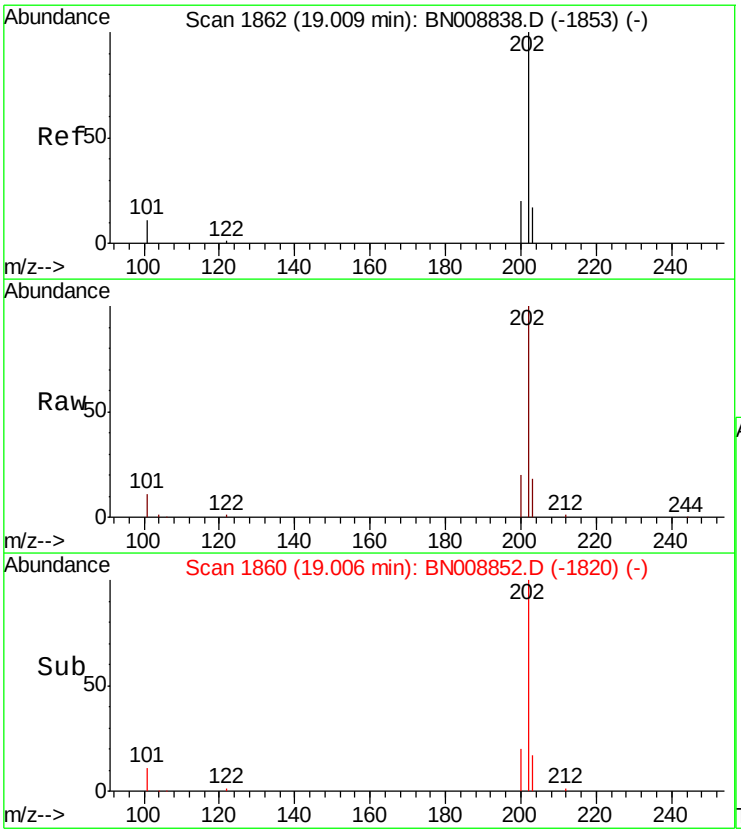
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.98 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 24764

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.7	16.1
104	7.5	6.1	9.1

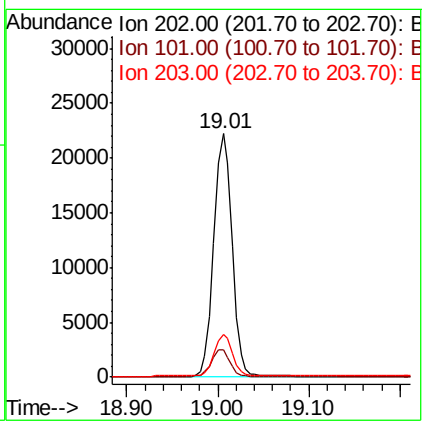


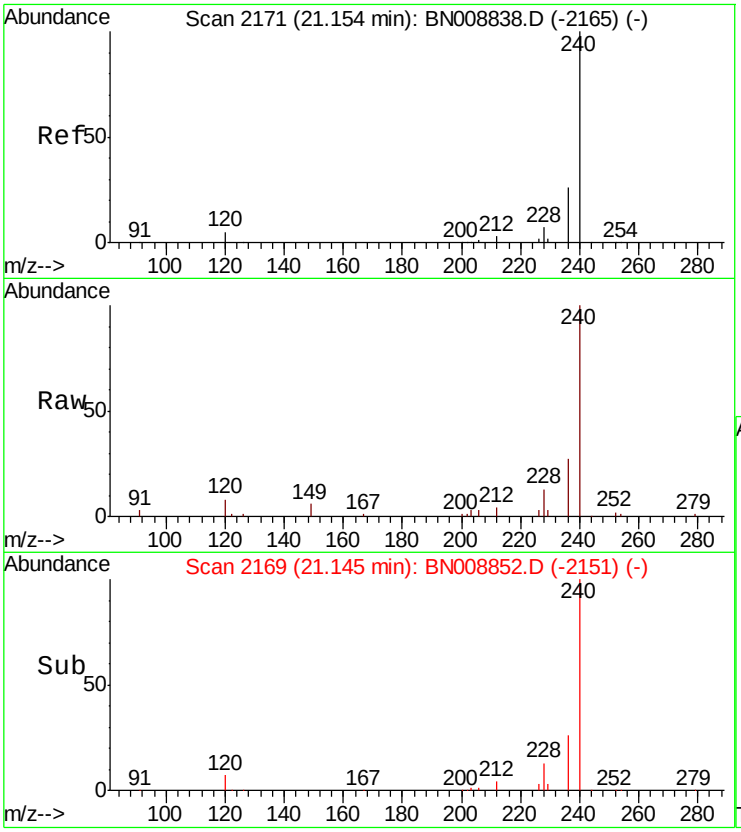


#26
Fluoranthene
Concen: 0.398 ng
RT: 19.01 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:202 Resp: 30352

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.3	13.9
203	17.0	13.7	20.5



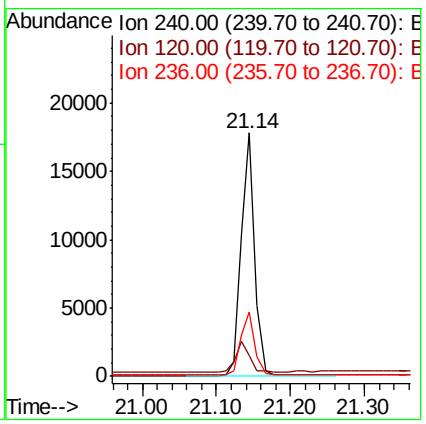


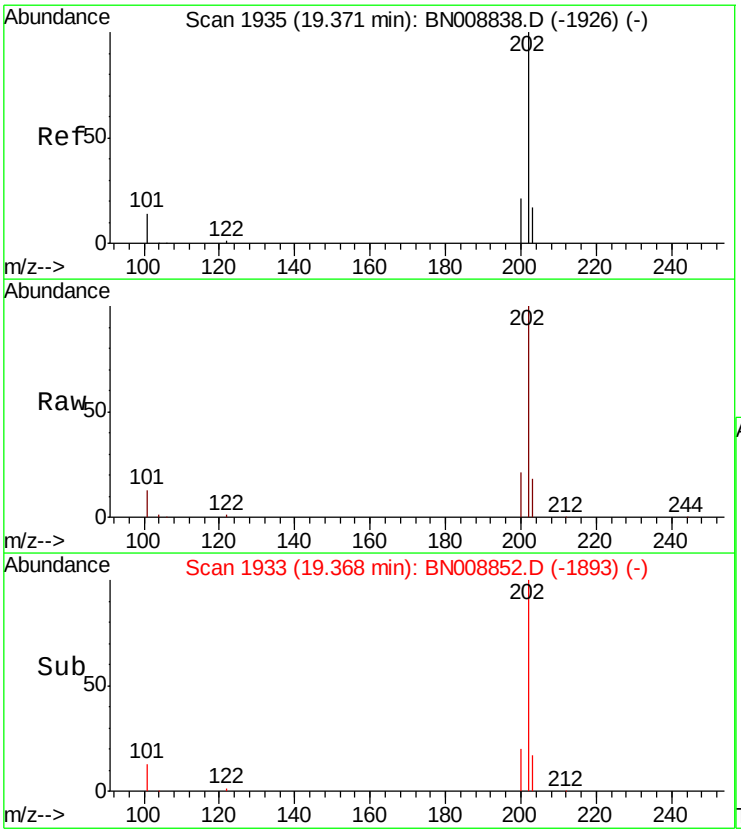
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 22325

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.0	9.0
236	26.7	21.4	32.0

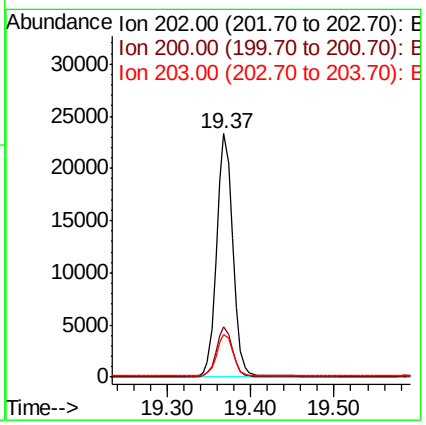


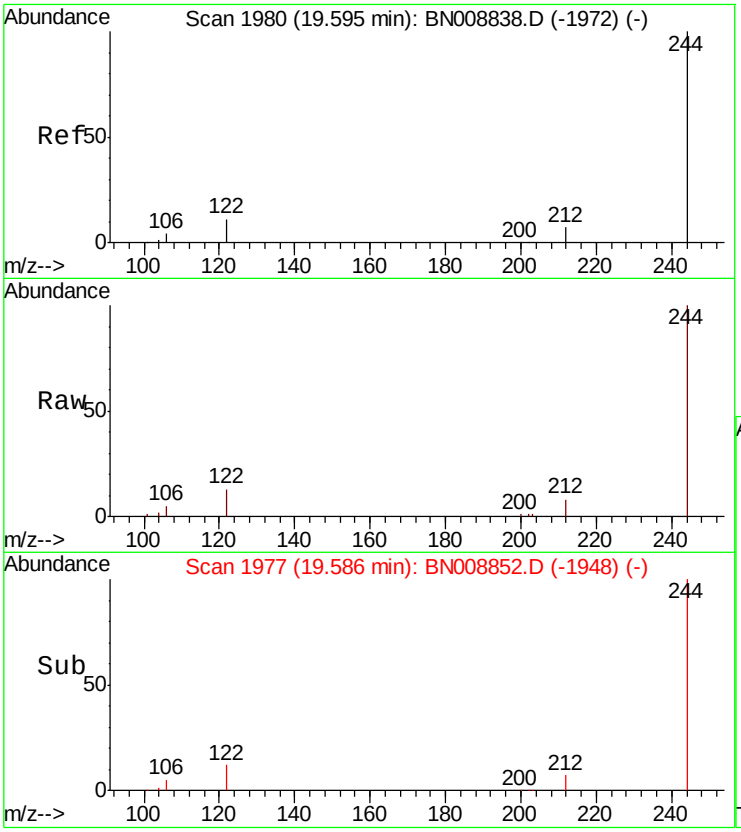


#28
Pyrene
Concen: 0.398 ng
RT: 19.37 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:202 Resp: 31012

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.7	14.2	21.2



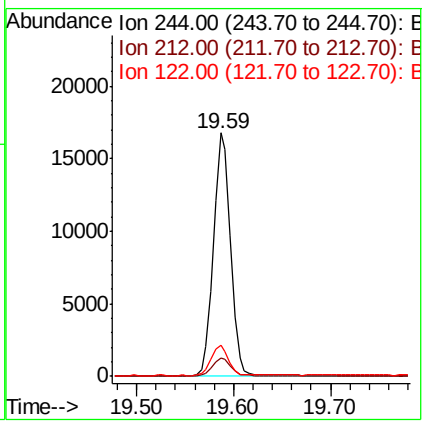


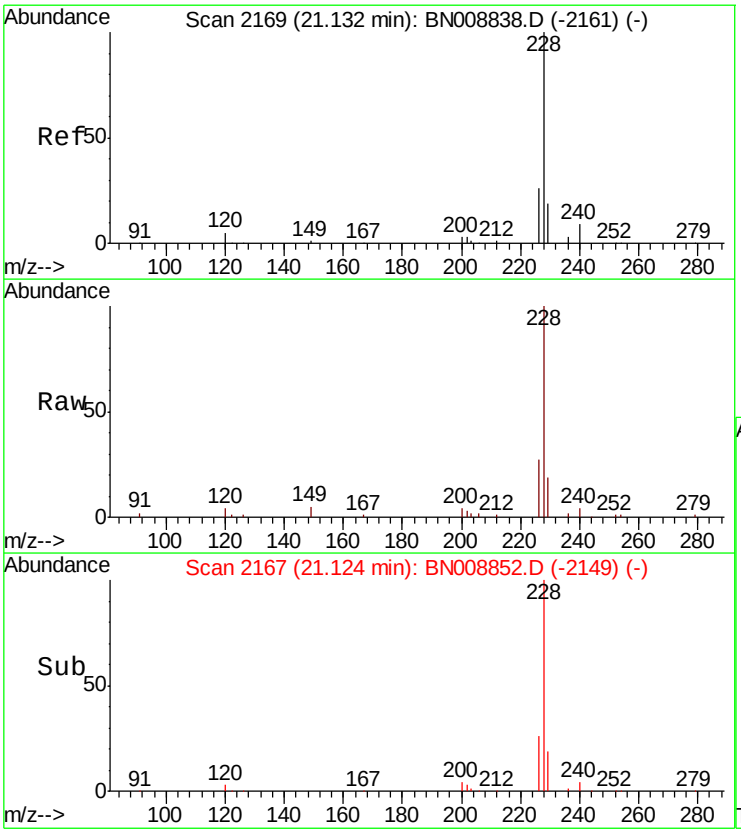
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.59 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 20429

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	12.9	8.9	13.3

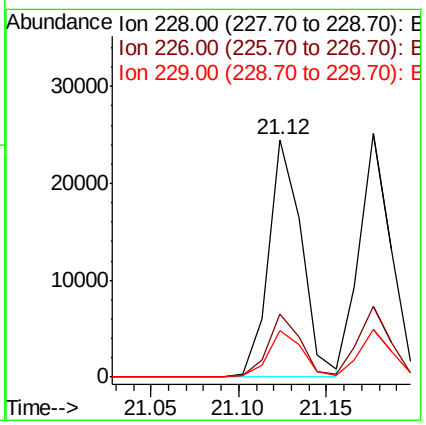


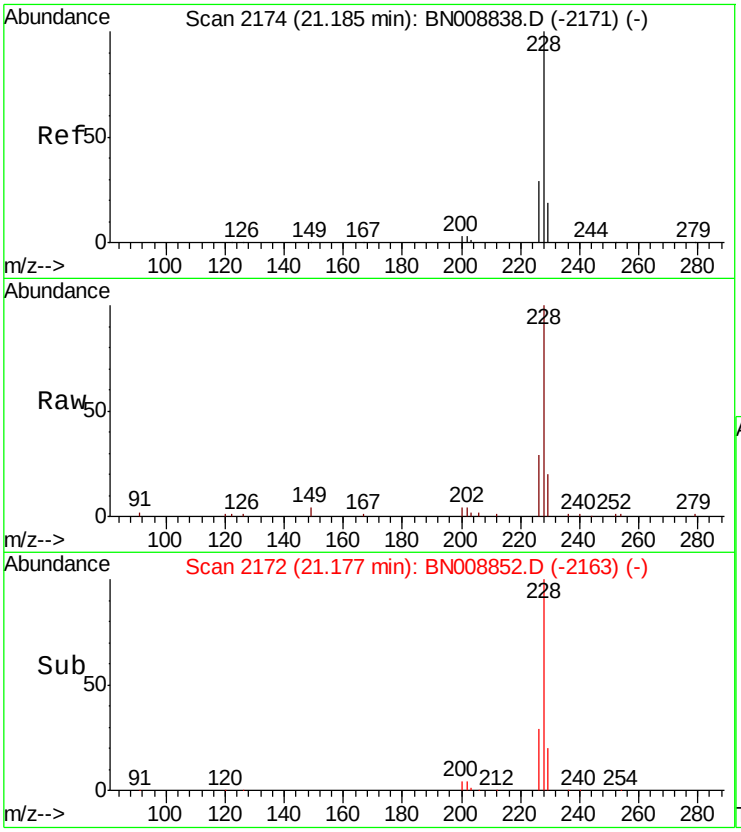


#30
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:228 Resp: 31958

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.8	31.2
229	19.5	15.9	23.9



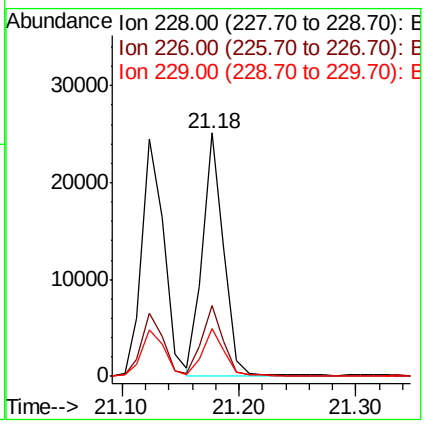


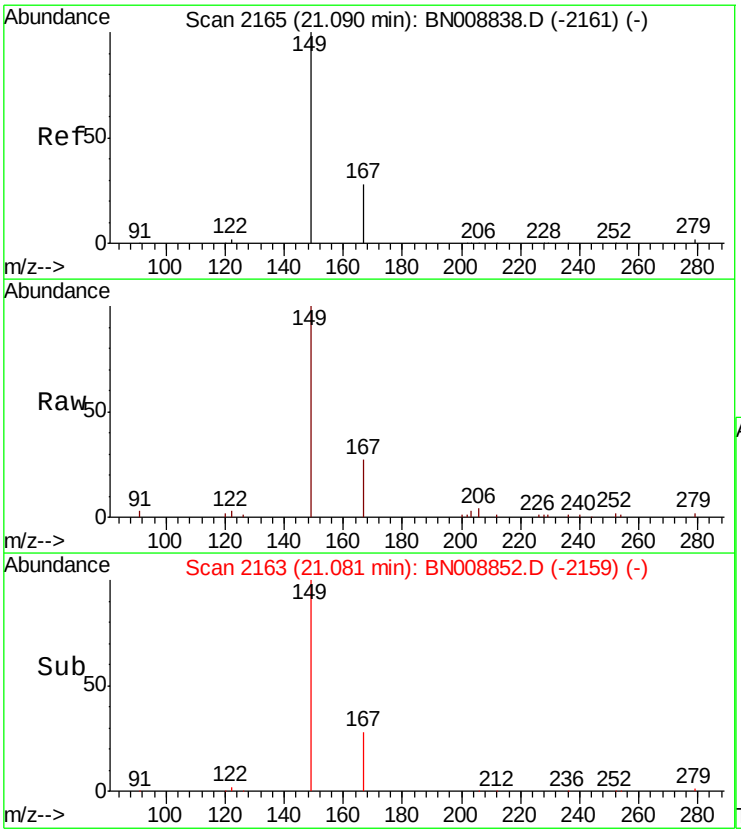
#31
Chrysene
Concen: 0.401 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 31427

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.8	15.8	23.8

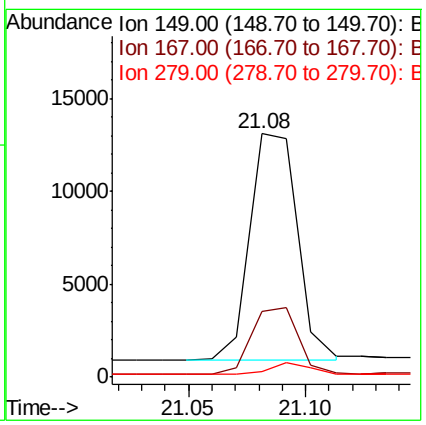


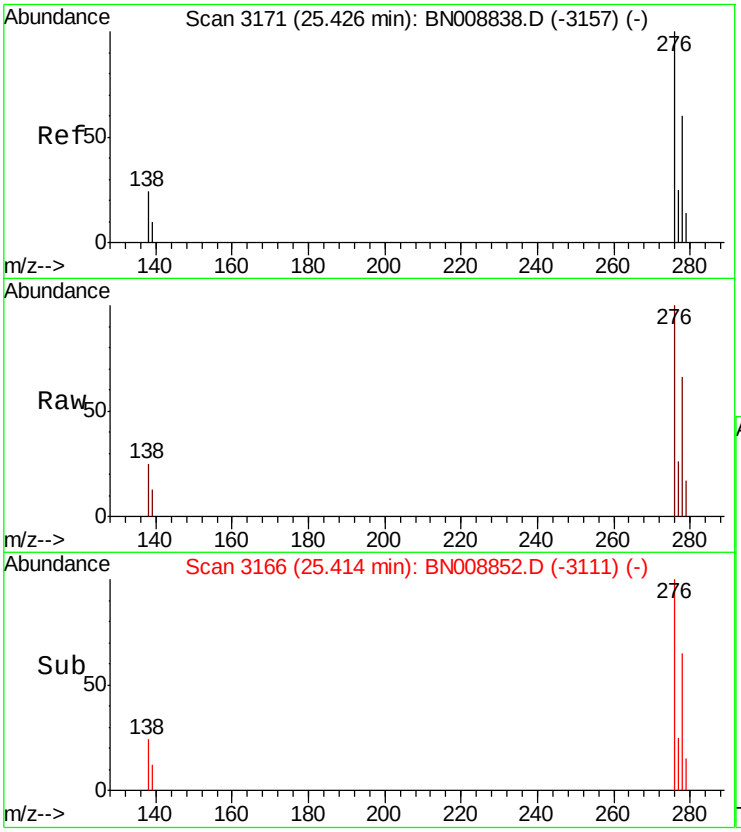


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.08 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:149 Resp: 17315

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.1	34.7
279	4.1	3.4	5.2



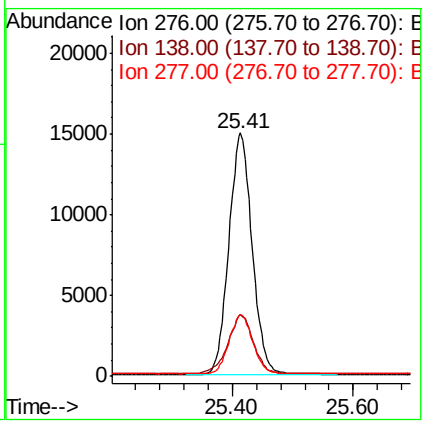


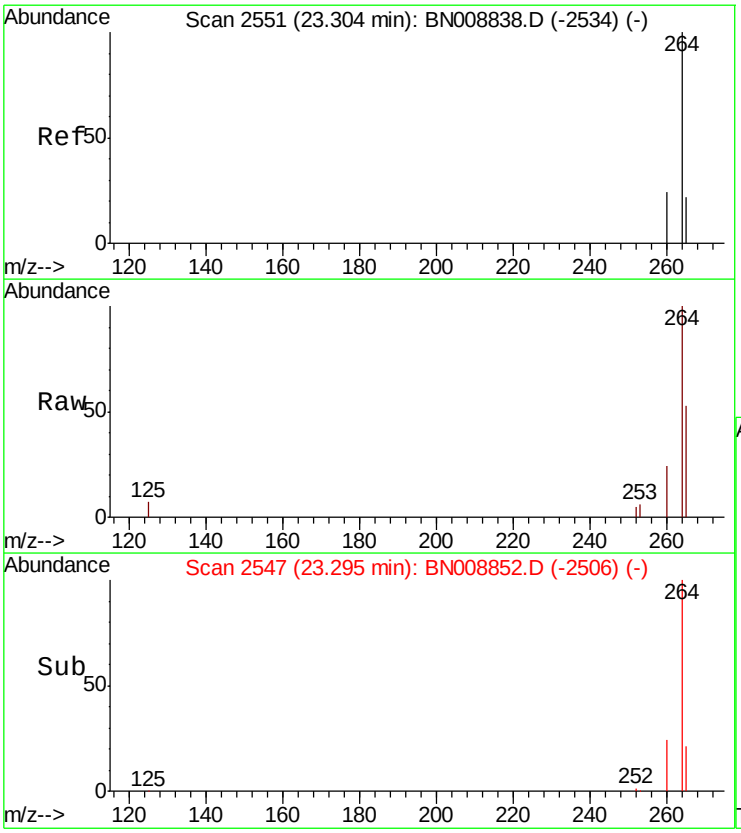
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng
RT: 25.41 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 40281

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.2	30.2
277	25.0	19.8	29.6

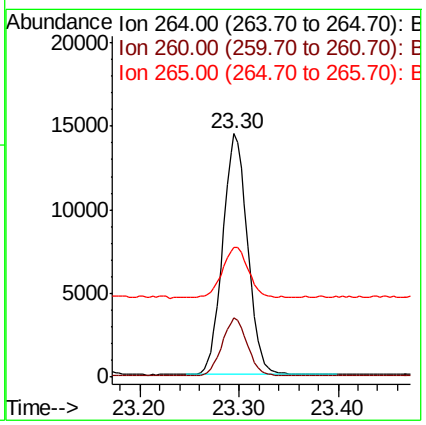


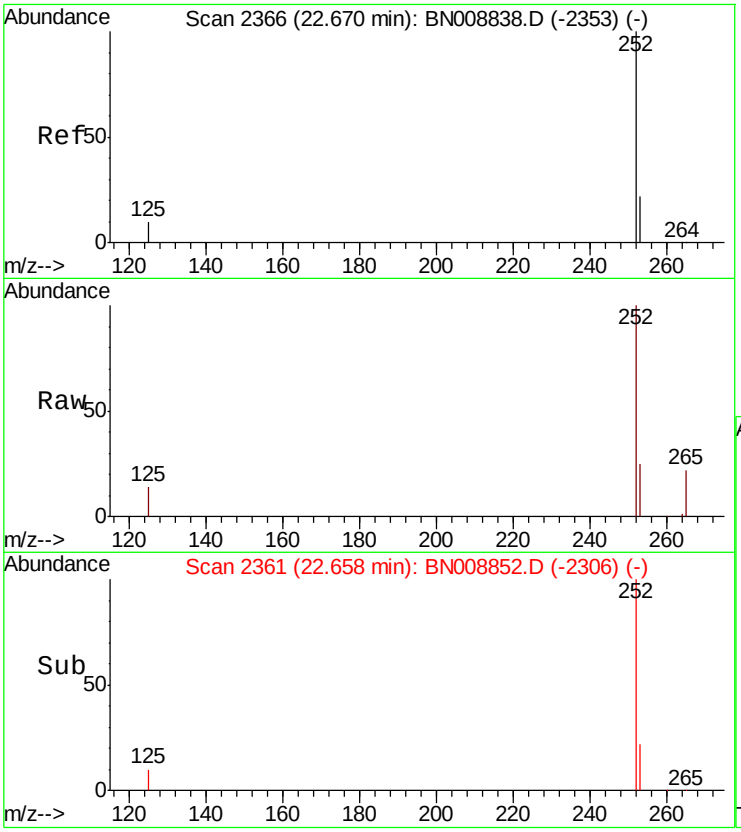


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.30 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:264 Resp: 24994

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	53.4	46.8	70.2



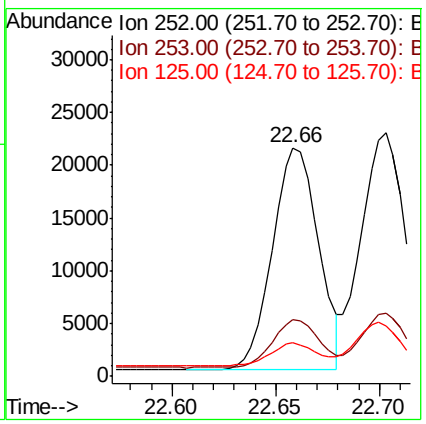


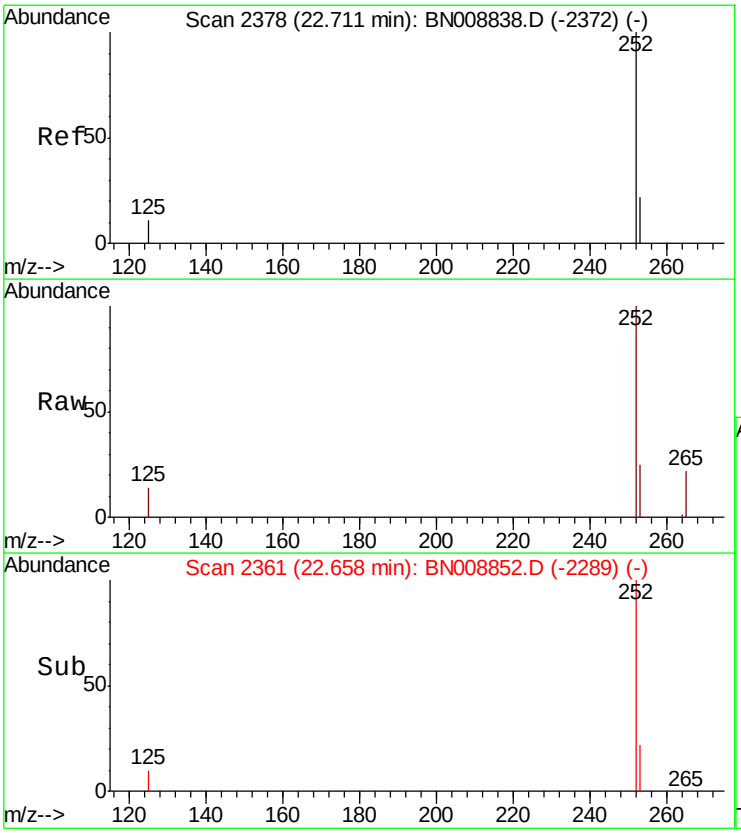
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.66 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 32340

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.6	31.0
125	14.5	12.3	18.5

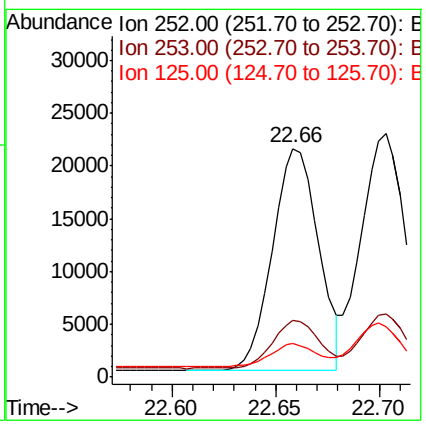


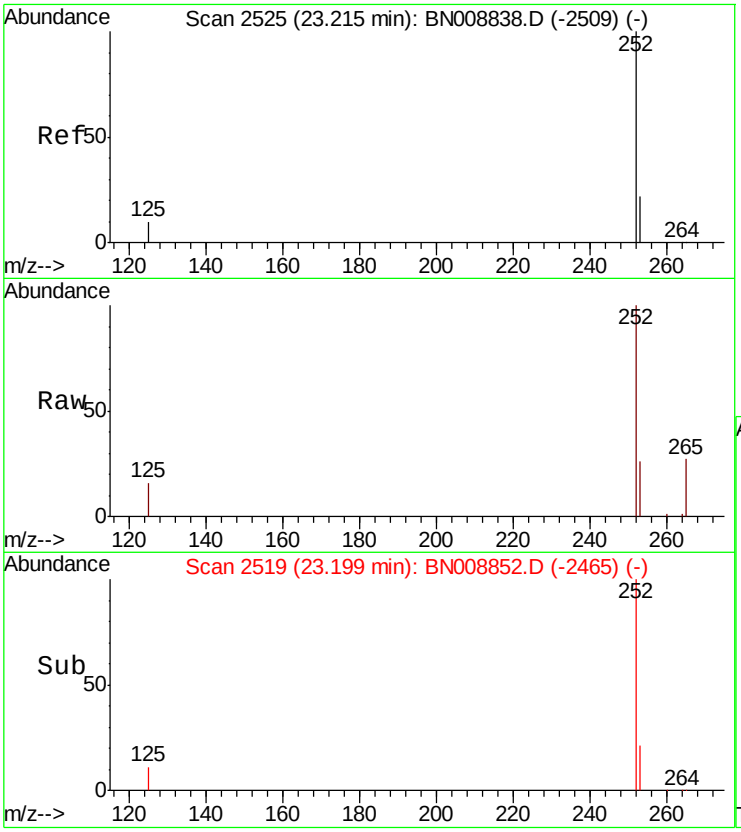


#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 22.66 min Scan# 2361
Delta R.T. -0.05 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:252 Resp: 32340

Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.0	31.4
125	14.5	13.5	20.3



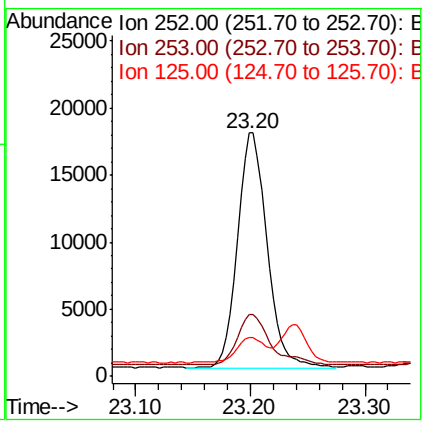


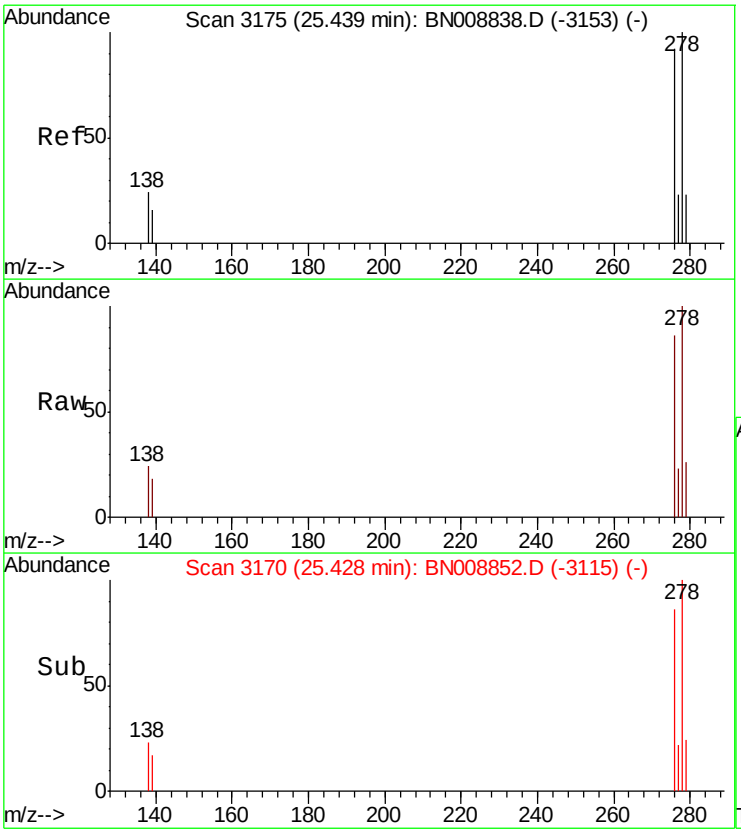
#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.20 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 31038

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.4	32.2
125	16.2	13.7	20.5

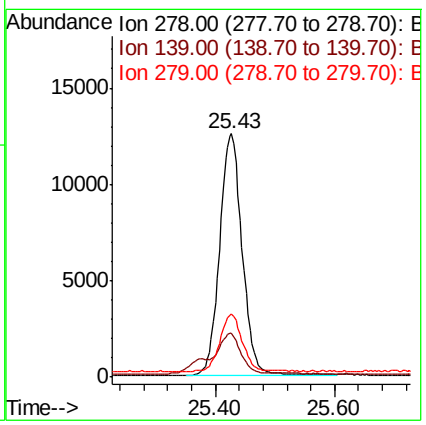


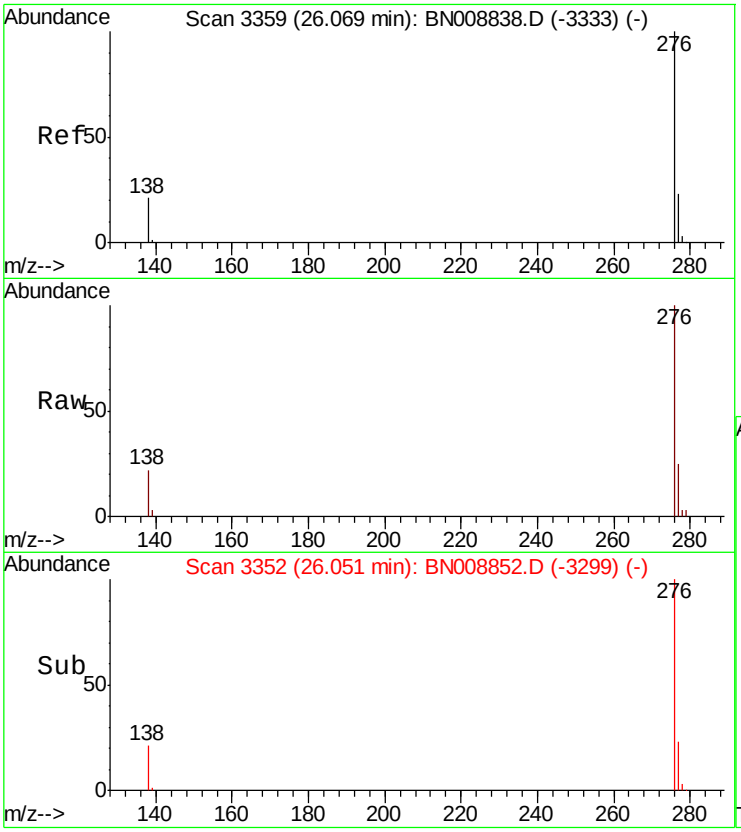


#38
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 25.43 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Tgt Ion:278 Resp: 32549

Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.3	22.9
279	25.9	21.2	31.8





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.05 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BN008852.D
Acq: 05 Dec 2019 17:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 32826

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.1	30.1
138	22.5	18.6	27.8