Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006637.D
Acq On : 29 Jun 2019 05:05
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 29 05:42:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 01:19:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3724	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	16367	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	10705	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	24731	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	24154	0.40	ng		-0.02
34) Perylene-d12	23.48	264	23137	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3760	0.41	ng		0.00
5) Phenol-d6	6.83	99	5124	0.42	ng		0.00
8) Nitrobenzene-d5	8.79	82	4423	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	11054	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	2112	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	16276	0.41	ng		-0.01
25) Fluoranthene-d10	19.08	212	30712	0.42	ng		0.00
29) Terphenyl-d14	19.68	244	22220	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	2069	0.401	ng		96
3) n-Nitrosodimethylamine	3.50	42	1529	0.378	ng		93
6) bis(2-Chloroethyl)ether	7.06	93	4528	0.420	ng		98
9) Naphthalene	10.45	128	18317	0.426	ng		99
10) Hexachlorobutadiene	10.73	225	3794	0.429	ng	#	100
12) 2-Methylnaphthalene	12.08	142	12965	0.436	ng		100
16) Acenaphthylene	13.99	152	21130	0.414	ng		100
17) Acenaphthene	14.33	154	14443	0.430	ng		100
18) Fluorene	15.34	166	18046	0.425	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	5819	0.425	ng	#	82
21) Hexachlorobenzene	16.34	284	7440	0.430	ng		99
22) Pentachlorophenol	16.72	266	1390	0.544	ng		92
23) Phenanthrene	17.07	178	29851	0.424	ng		100
24) Anthracene	17.16	178	25172	0.413	ng		100
26) Fluoranthene	19.11	202	36912	0.432	ng		100
28) Pyrene	19.47	202	38032	0.450	ng		100
30) Benzo(a)anthracene	21.24	228	33217	0.421	ng		100
31) Chrysene	21.29	228	36961	0.434	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	21321	0.536	ng		100
33) Indeno(1,2,3-cd)pyrene	25.71	276	32409	0.376	ng		99
35) Benzo(b)fluoranthene	22.81	252	34709	0.441	ng		99
36) Benzo(k)fluoranthene	22.86	252	37055	0.442	ng		99
37) Benzo(a)pyrene	23.38	252	31434	0.427	ng		98
38) Dibenzo(a,h)anthracene	25.72	278	26030	0.405	ng		98
39) Benzo(g,h,i)perylene	26.40	276	25981	0.405	ng		99

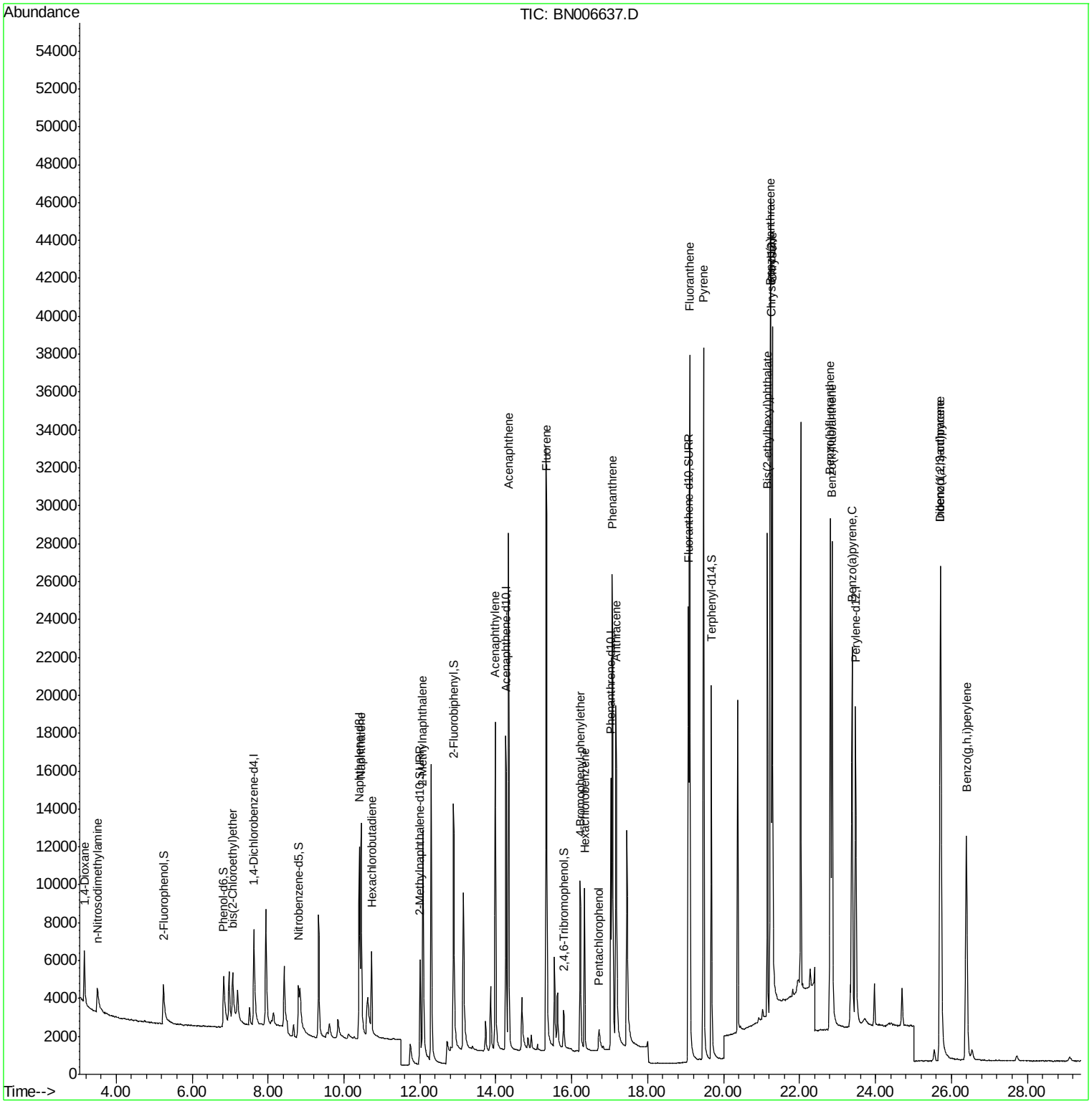
(#) = qualifier out of range (m) = manual integration (+) = signals summed

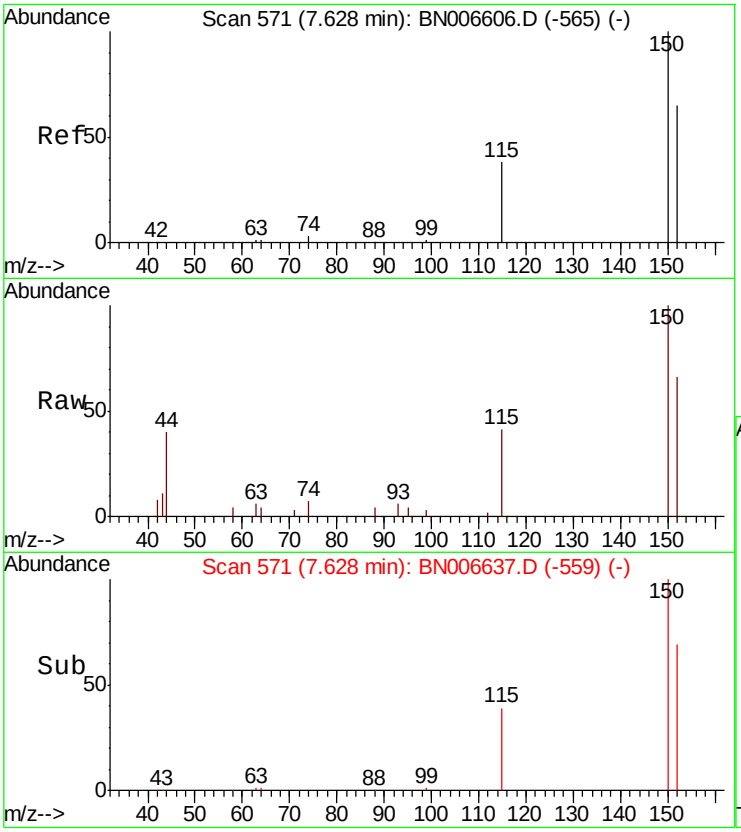
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006637.D
Acq On : 29 Jun 2019 05:05
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 29 05:42:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 01:19:02 2019
Response via : Initial Calibration



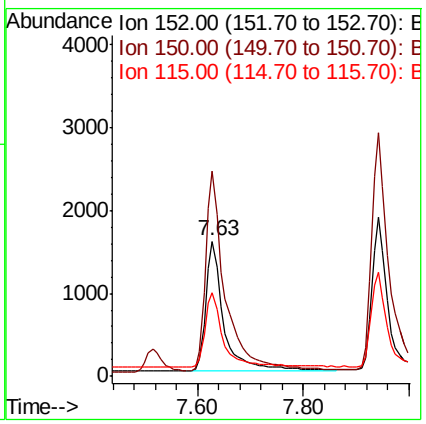


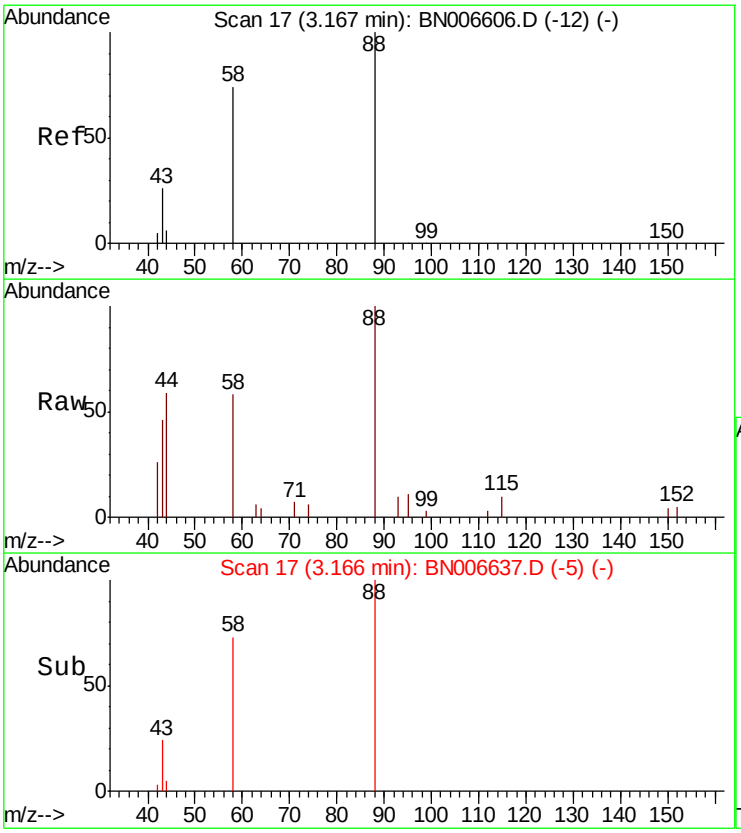
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3724

Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.2	183.2
115	61.8	50.0	75.0

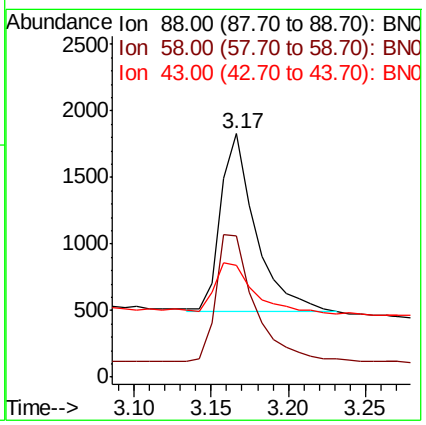


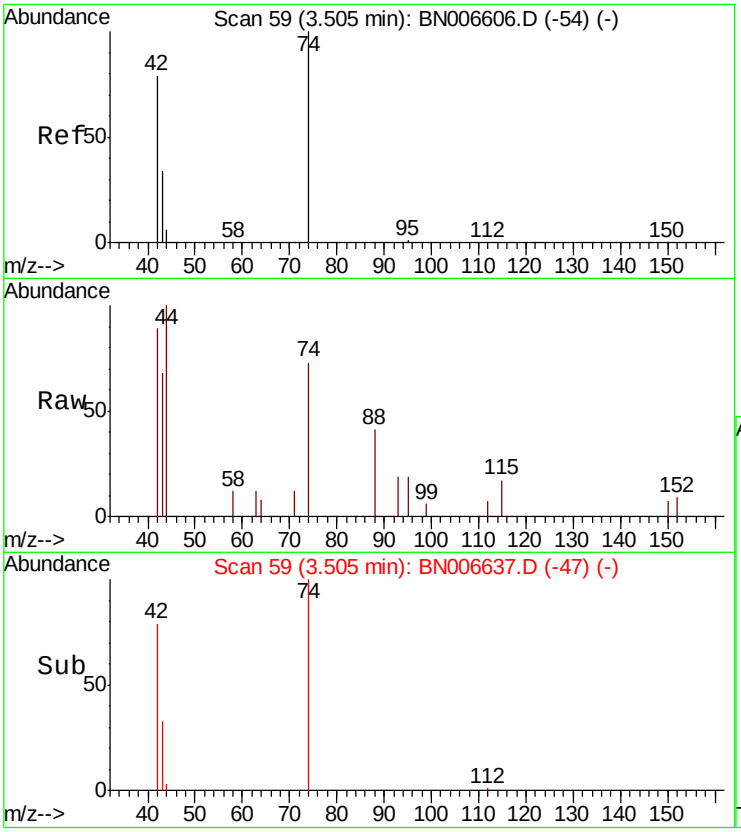


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion: 88 Resp: 2069

Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.5	93.7
43	34.5	25.4	38.0



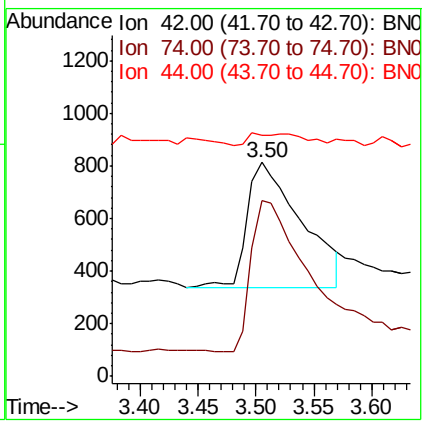


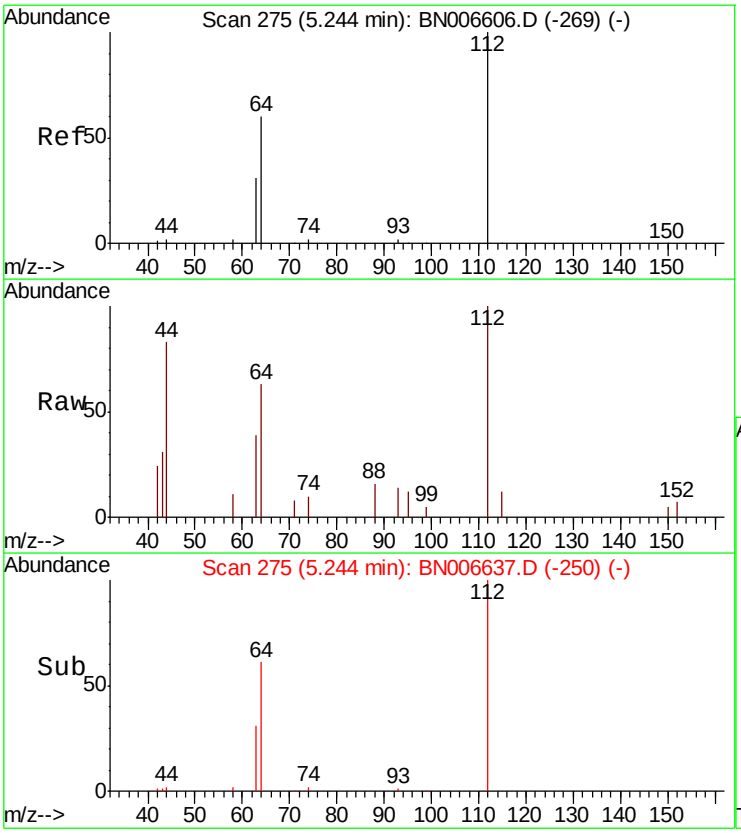
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.50 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1529

Ion	Ratio	Lower	Upper
42	100		
74	120.2	103.1	154.7
44	4.3	3.4	5.2

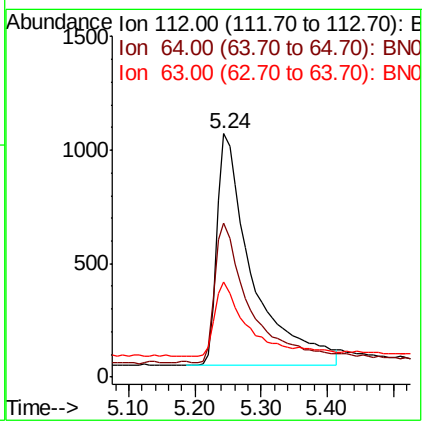


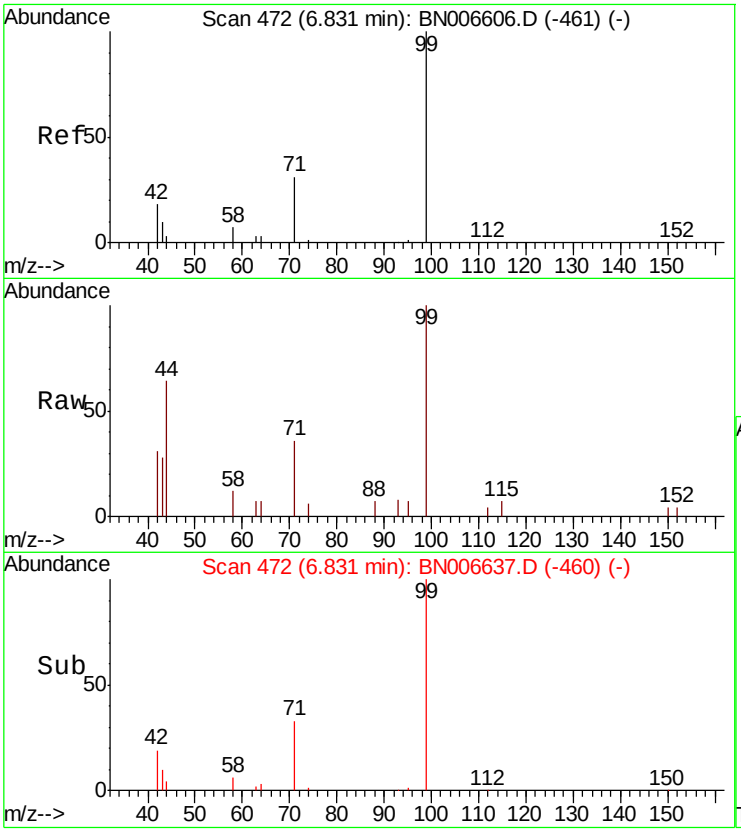


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:112 Resp: 3760

Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.9	73.3
63	31.4	24.3	36.5



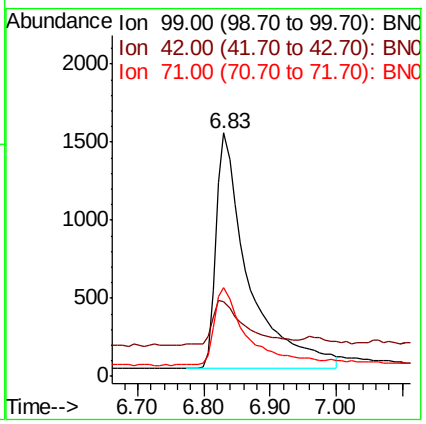


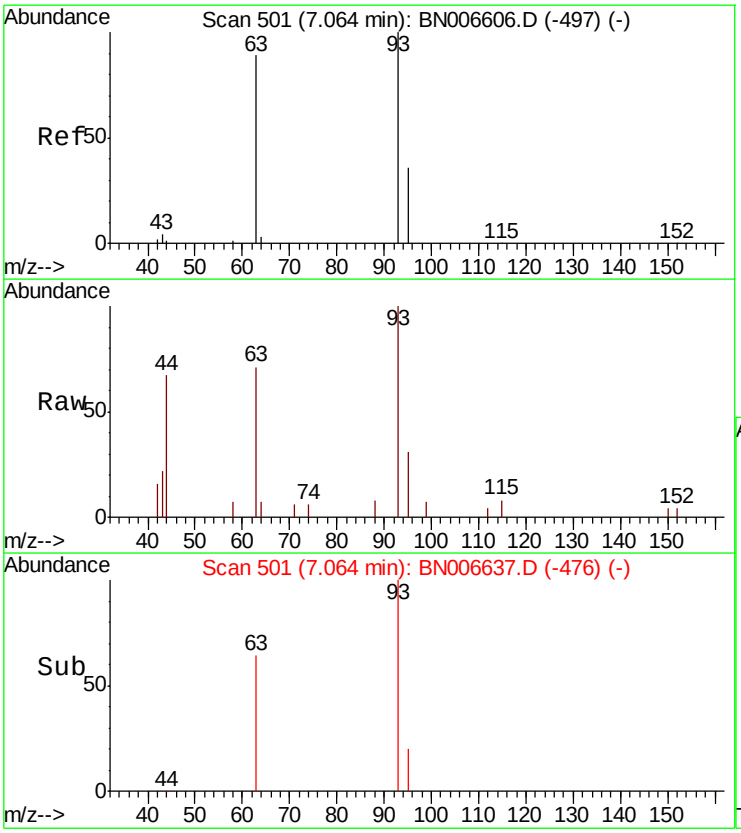
#5
Phenol-d6
Concen: 0.424 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5124

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.4	24.6
71	33.9	26.6	40.0

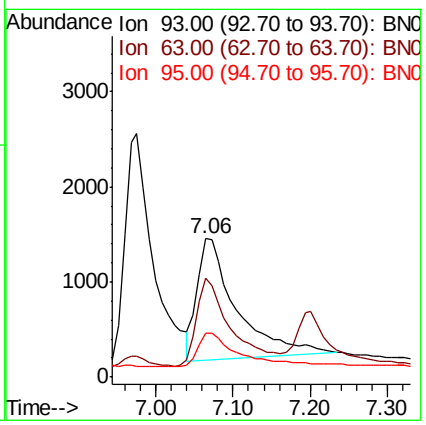


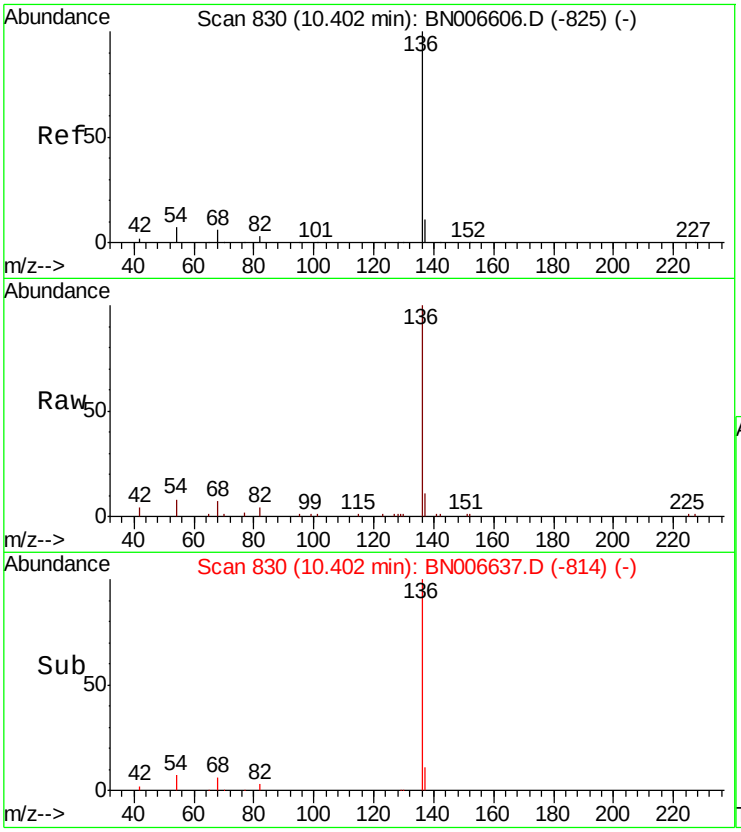


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.06 min Scan# 501
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion: 93 Resp: 4528

Ion	Ratio	Lower	Upper
93	100		
63	63.7	52.5	78.7
95	30.8	24.2	36.4



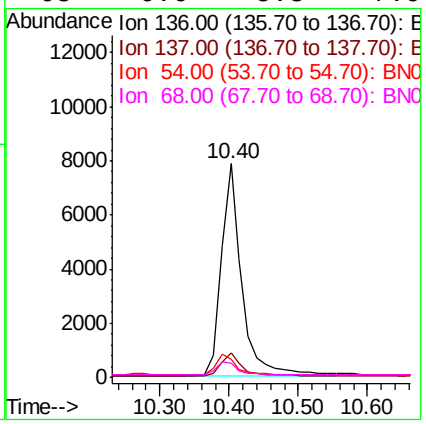


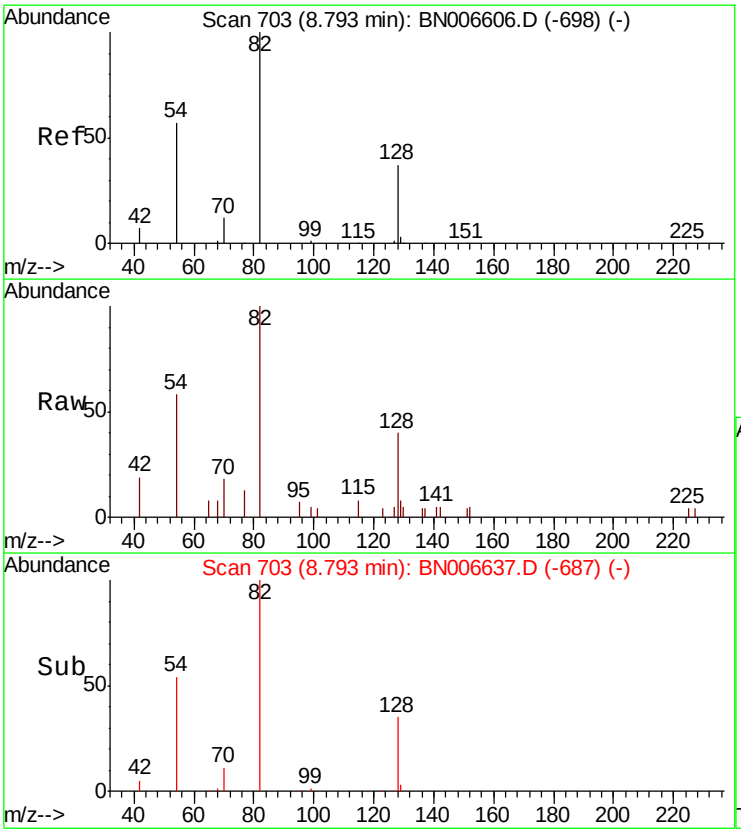
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 16367

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.4	6.7	10.1
68	6.6	5.3	7.9

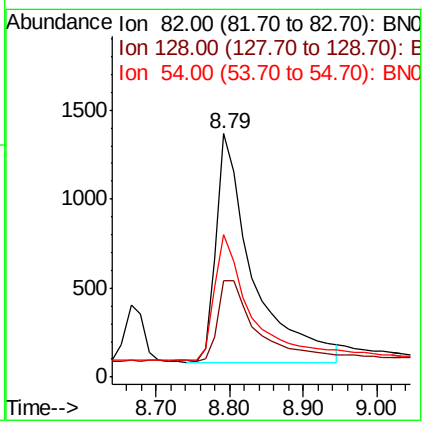


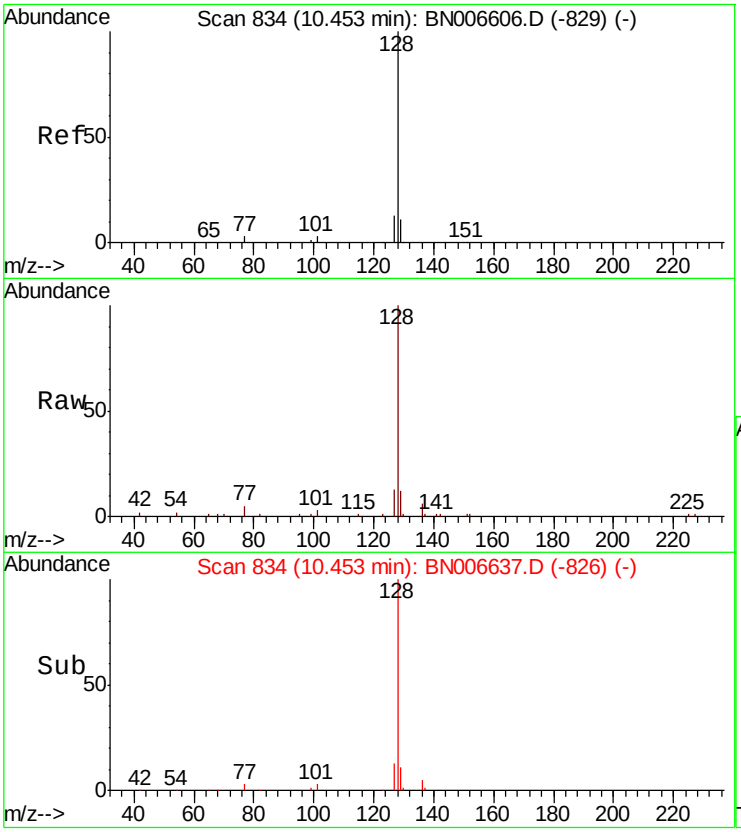


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion: 82 Resp: 4423

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.6	49.0
54	58.4	48.2	72.4



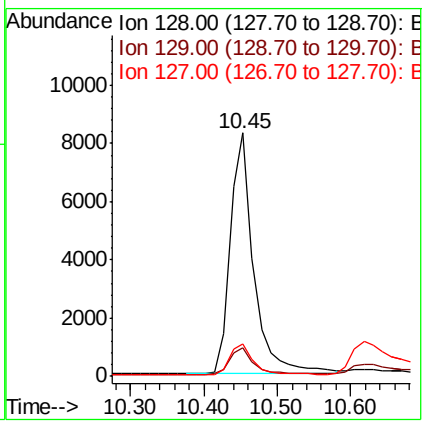


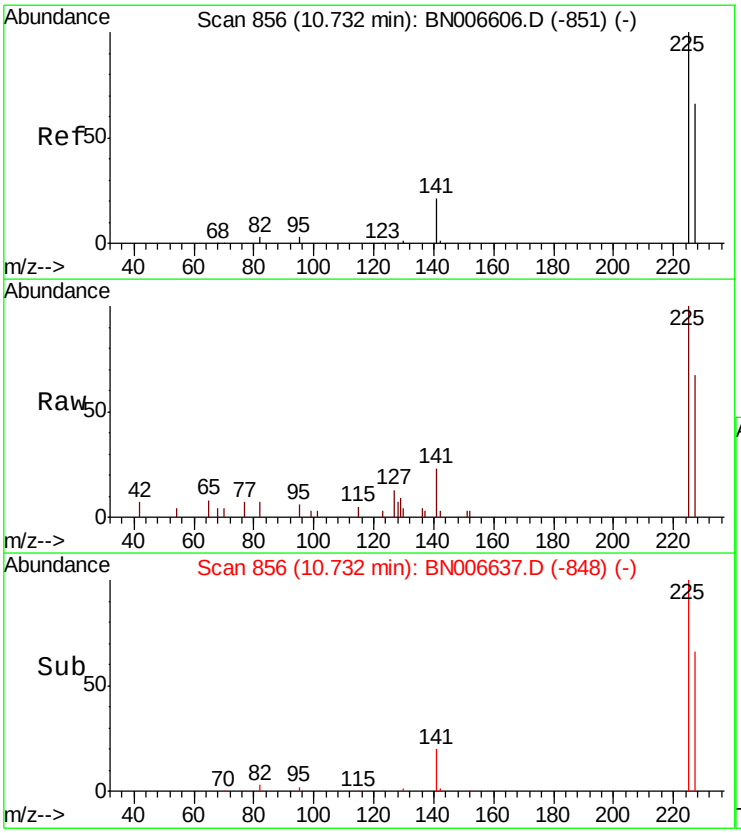
#9
Naphthalene
Concen: 0.426 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18317

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.3	10.8	16.2

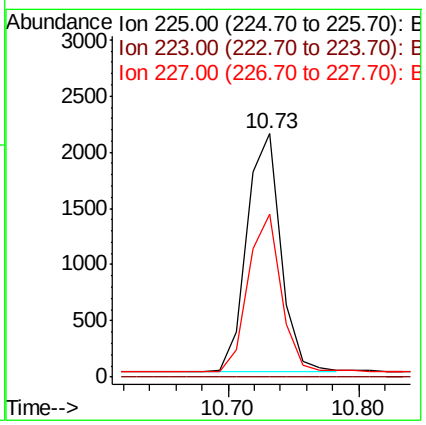


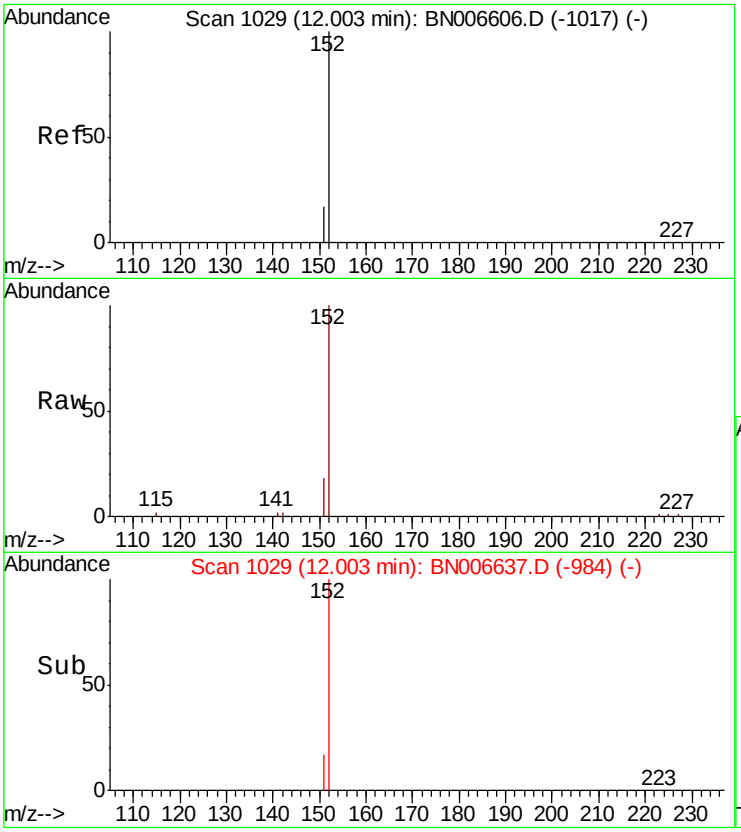


#10
Hexachlorobutadiene
Concen: 0.429 ng
RT: 10.73 min Scan# 856
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:225 Resp: 3794

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



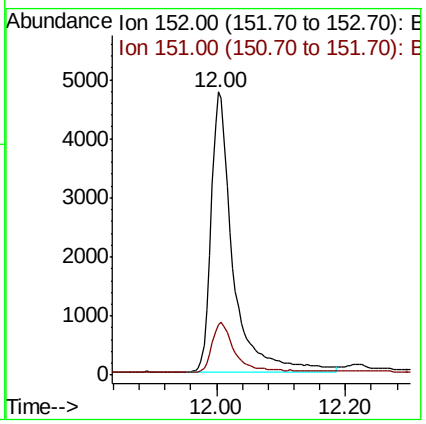


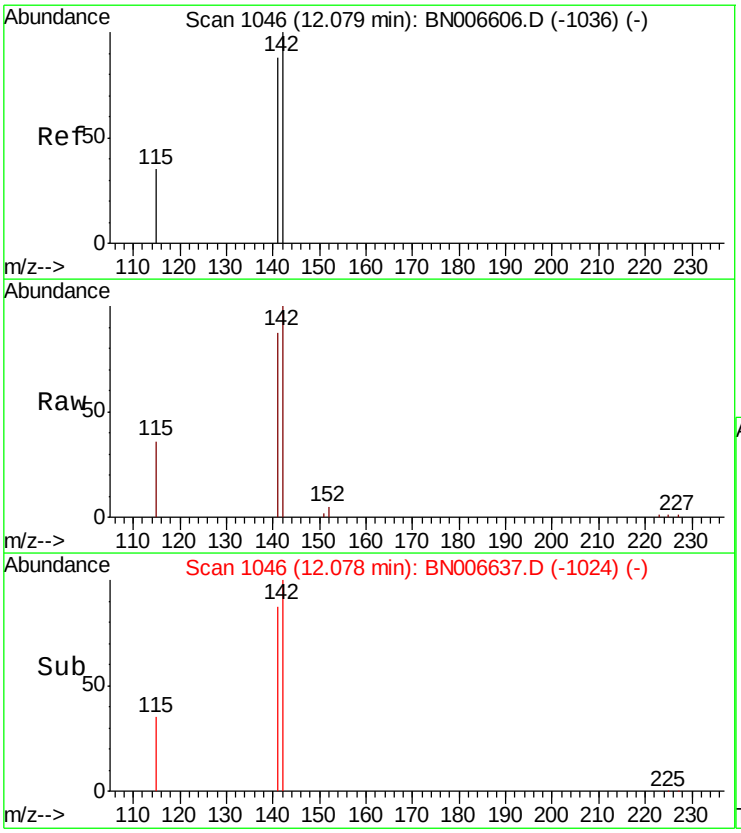
#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 12.00 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11054

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.0	22.4

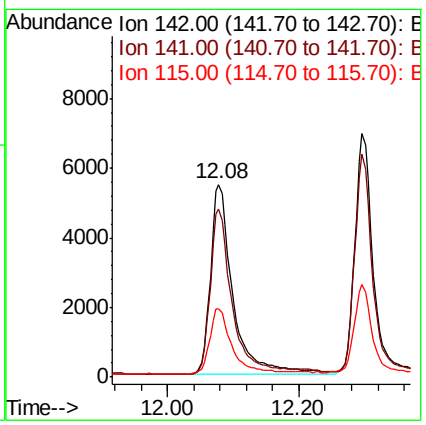


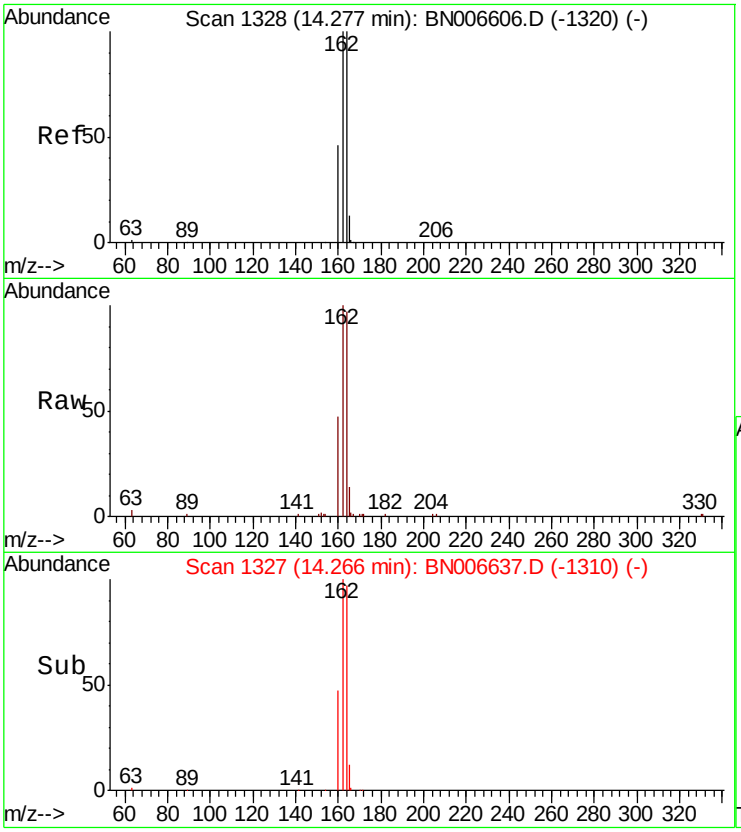


#12
2-Methylnaphthalene
Concen: 0.436 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:142 Resp: 12965

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.4
115	35.7	28.5	42.7



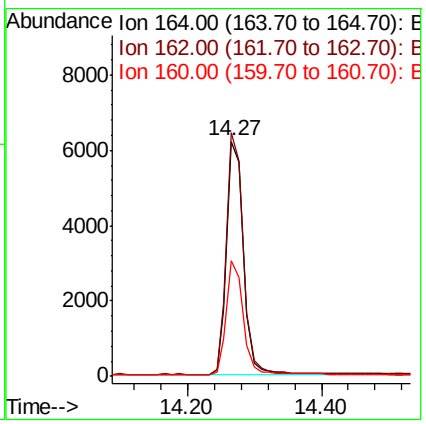


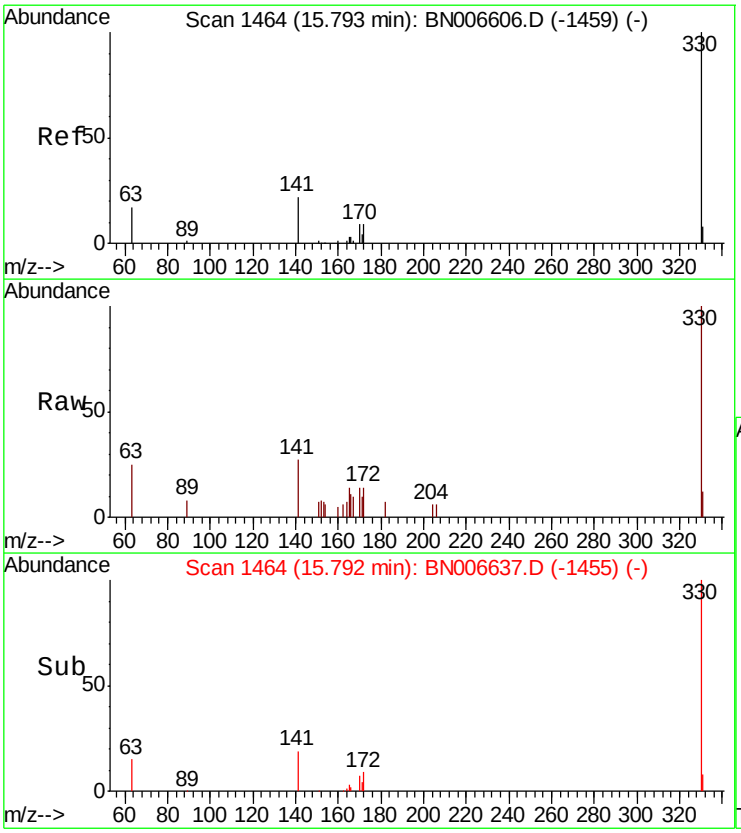
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 10705

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.0	120.0
160	49.0	37.0	55.4

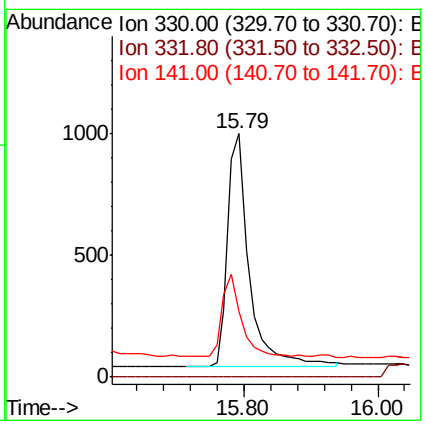


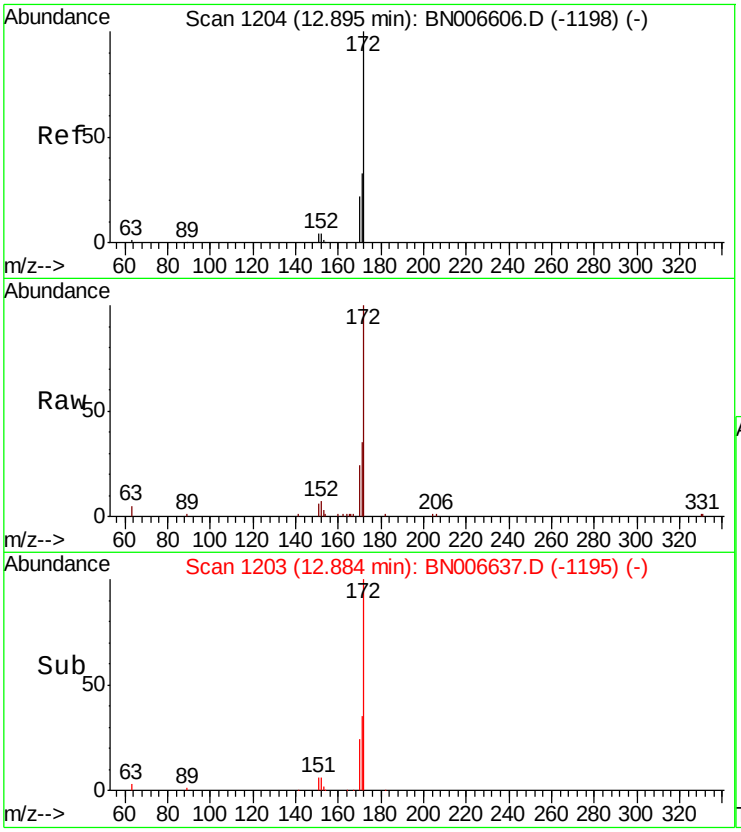


#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:330 Resp: 2112

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.3	26.5	39.7



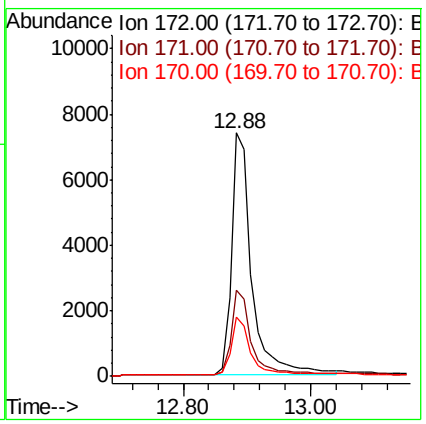


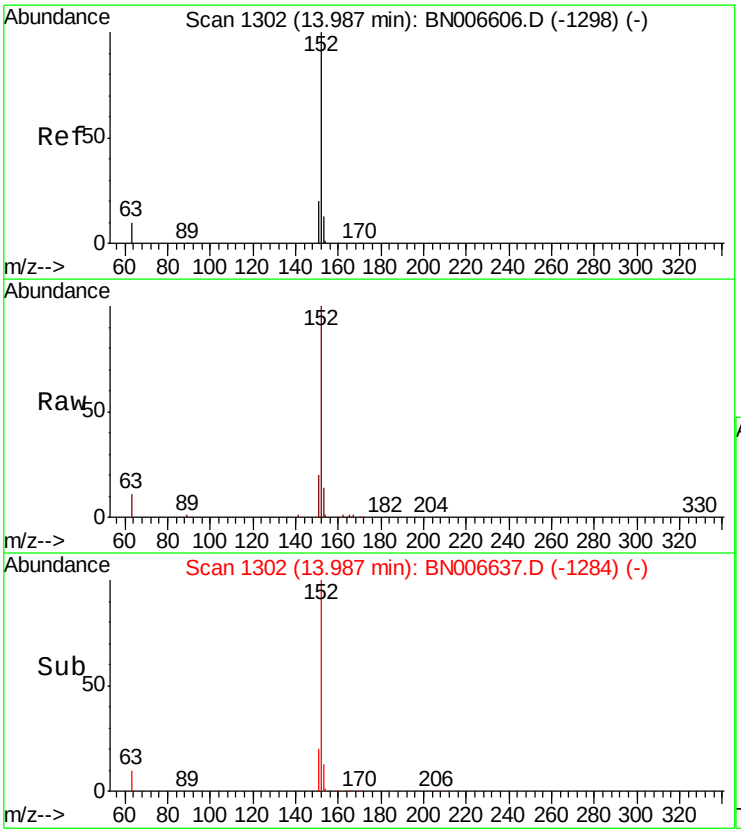
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16276

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.0	40.4
170	24.4	17.7	26.5

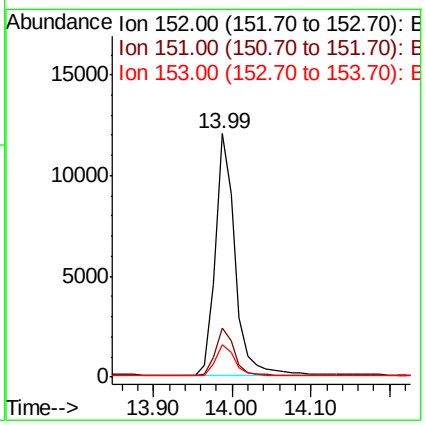


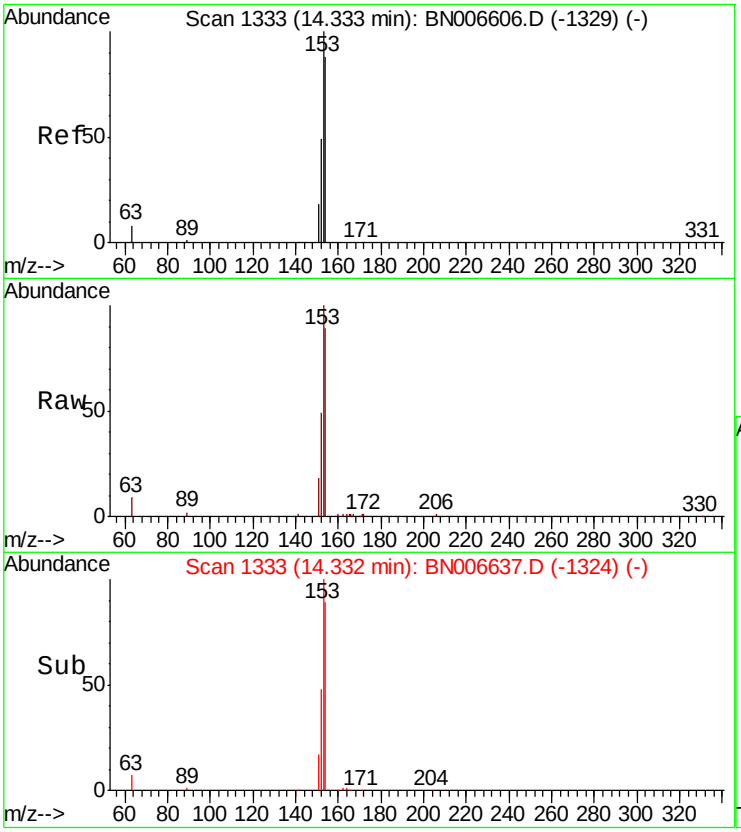


#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:152 Resp: 21130

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.5	15.7



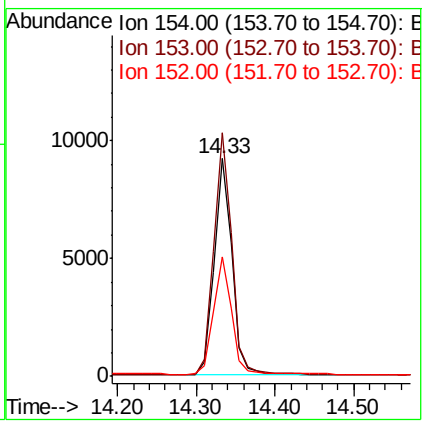


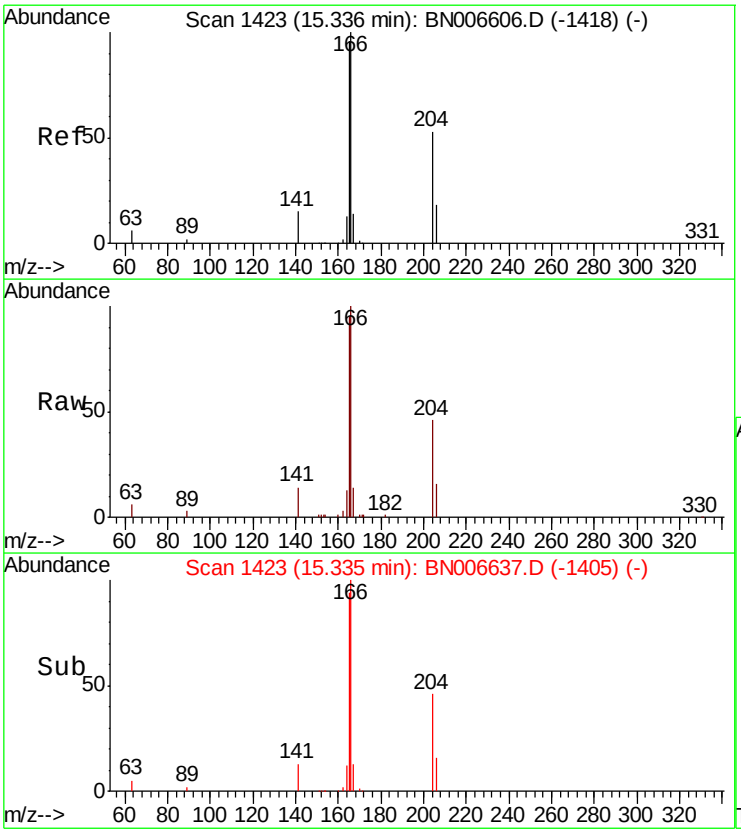
#17
Acenaphthene
Concen: 0.430 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 14443

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.4
152	54.6	44.2	66.4

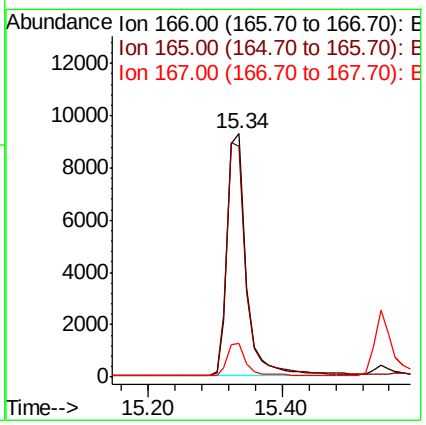


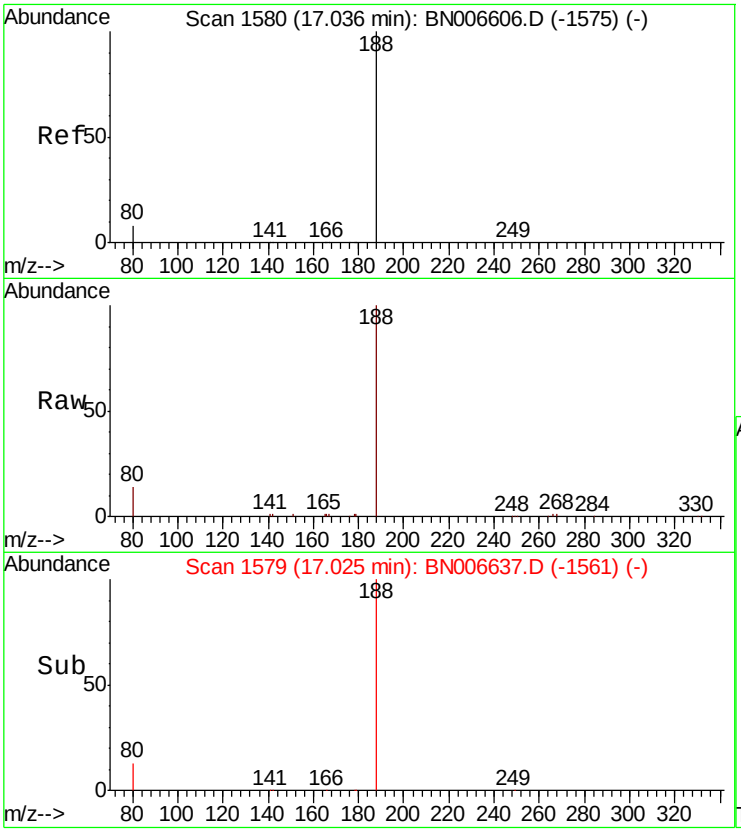


#18
Fluorene
Concen: 0.425 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:166 Resp: 18046

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.4	10.8	16.2



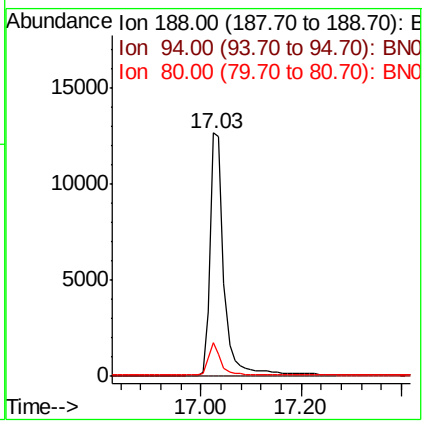


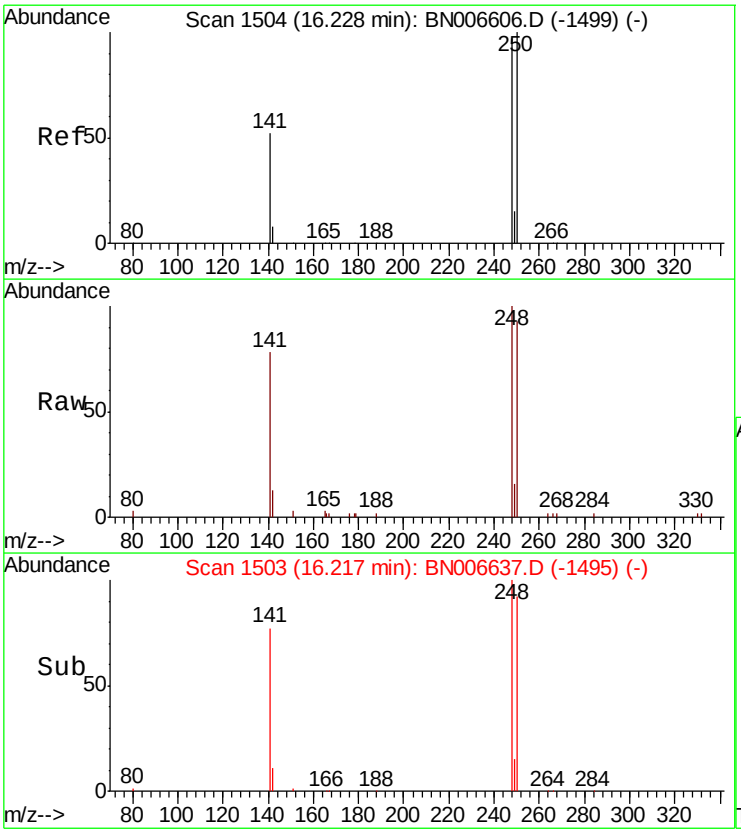
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 24731

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	7.1	10.7#

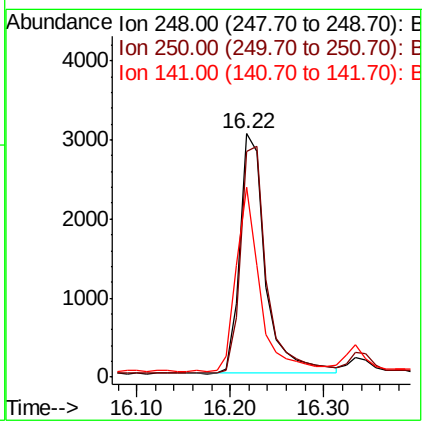


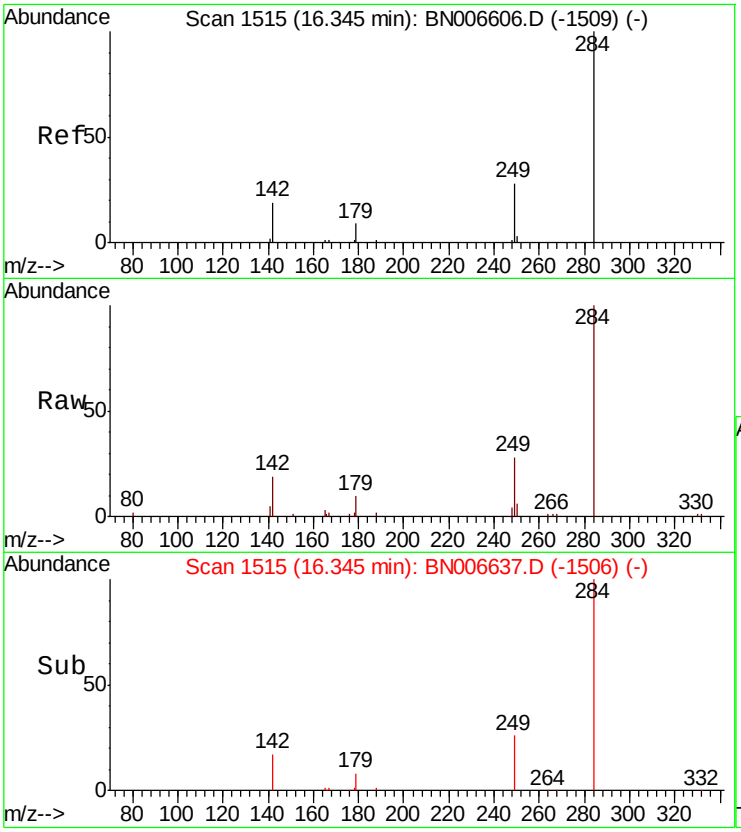


#20
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:248 Resp: 5819

Ion	Ratio	Lower	Upper
248	100		
250	92.7	82.2	123.4
141	78.0	43.8	65.8#



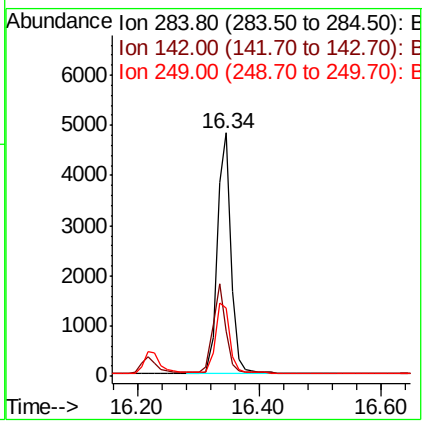


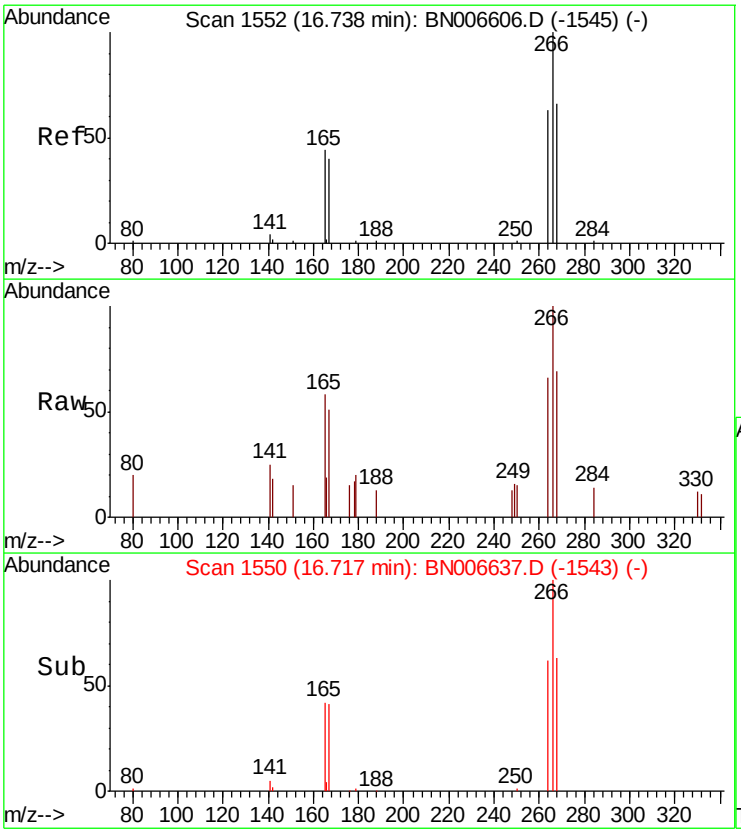
#21
Hexachlorobenzene
Concen: 0.430 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7440

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.5	41.3
249	30.9	24.7	37.1

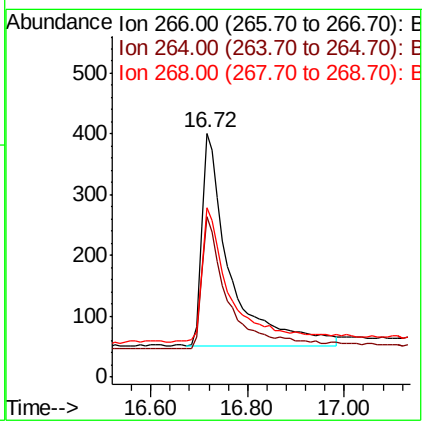


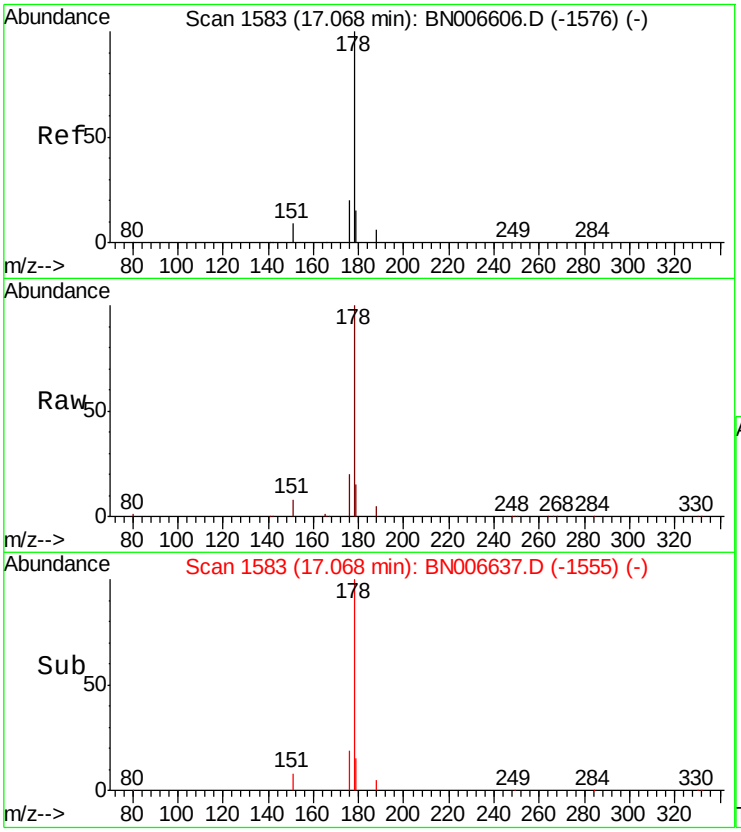


#22
Pentachlorophenol
Concen: 0.544 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:266 Resp: 1390

Ion	Ratio	Lower	Upper
266	100		
264	66.1	56.2	84.4
268	69.3	63.0	94.4



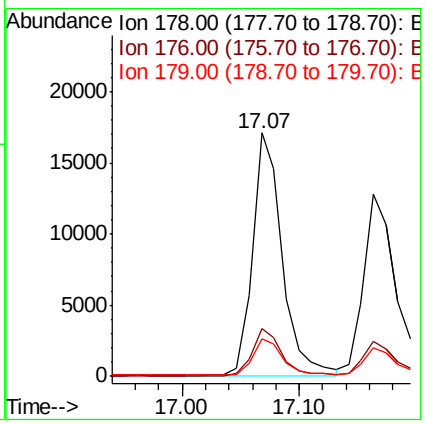


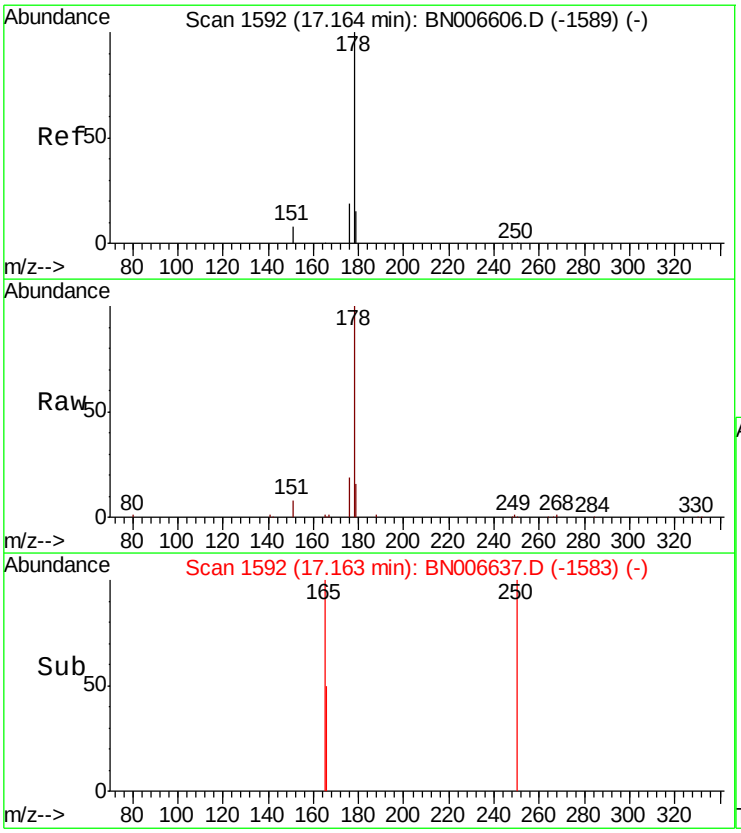
#23
Phenanthrene
Concen: 0.424 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 29851

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.2	18.4

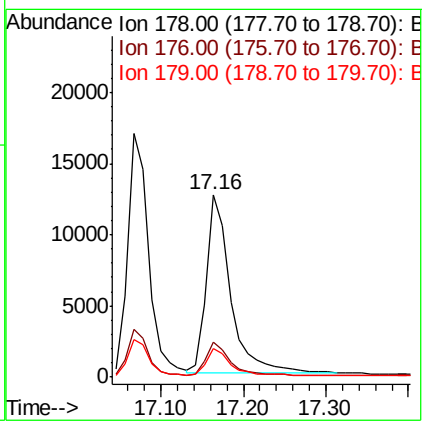


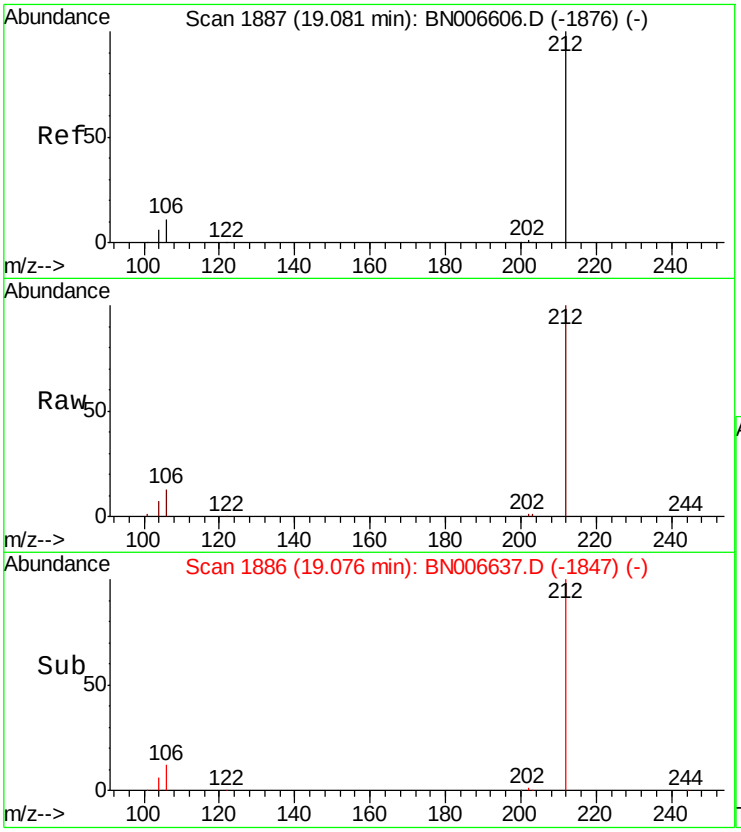


#24
Anthracene
Concen: 0.413 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:178 Resp: 25172

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.3	12.2	18.2



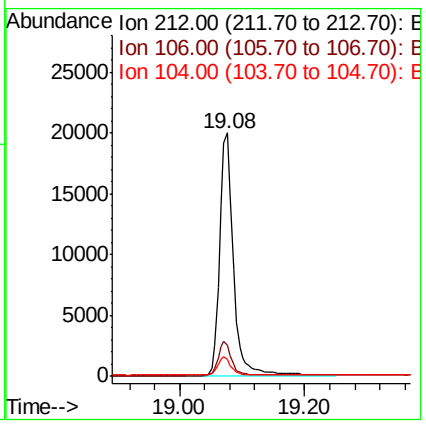


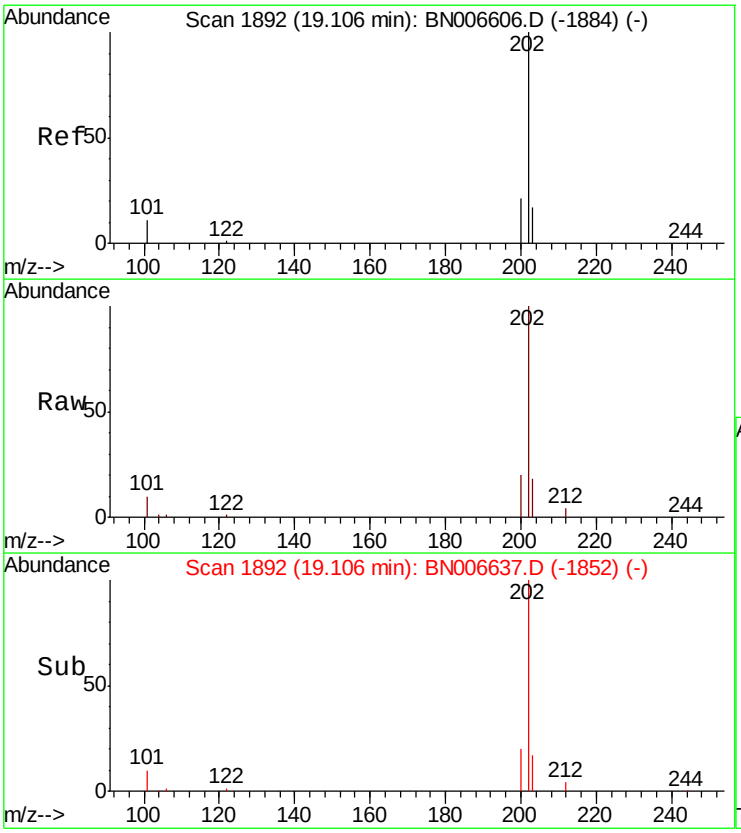
#25
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 30712

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	15.8
104	7.5	5.8	8.6

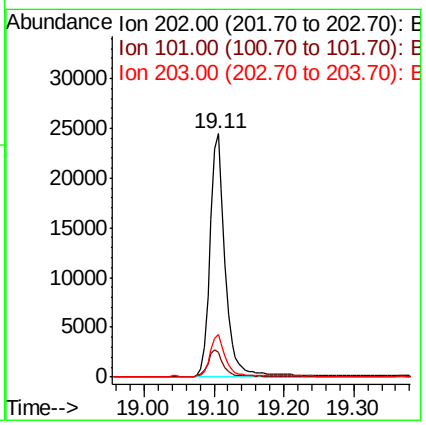


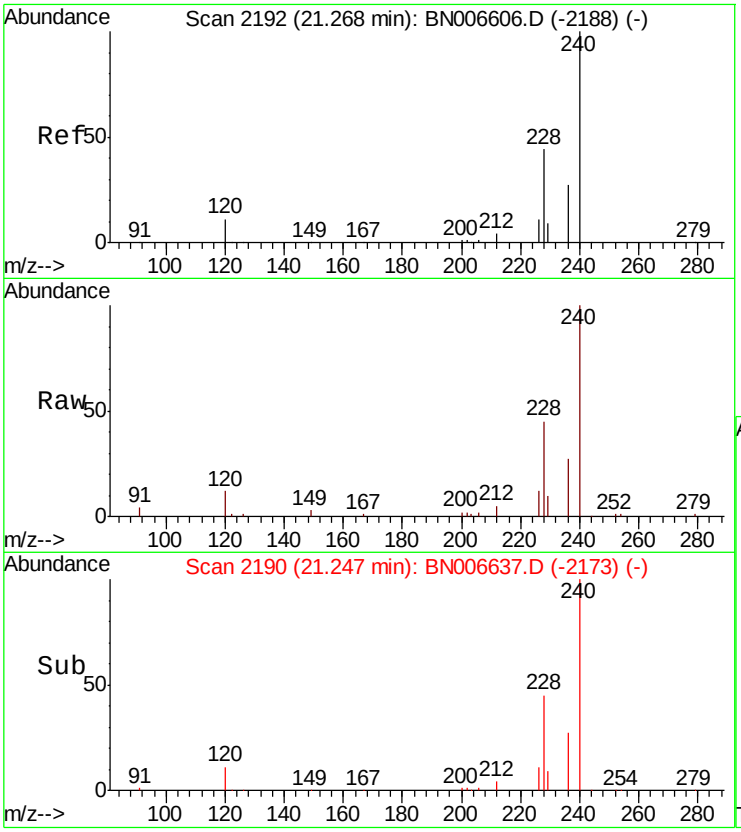


#26
Fluoranthene
Concen: 0.432 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:202 Resp: 36912

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
203	17.0	13.6	20.4



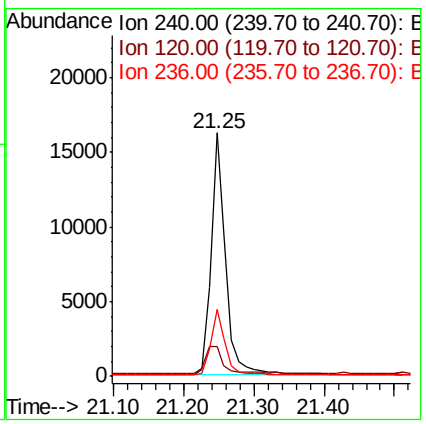


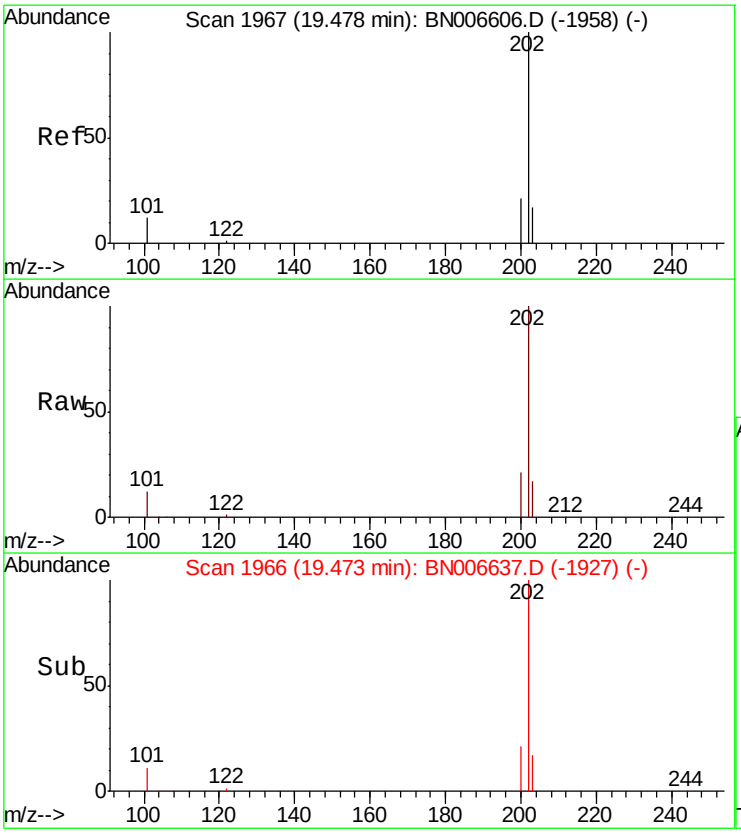
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 24154

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.9	14.9
236	27.5	22.2	33.4

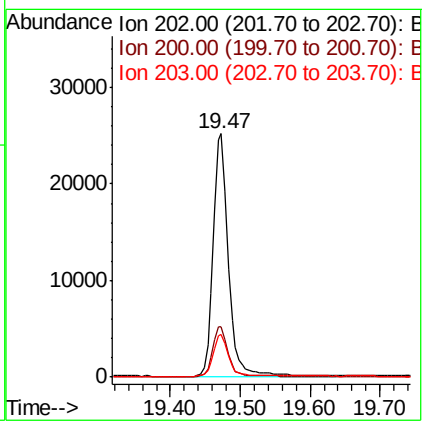


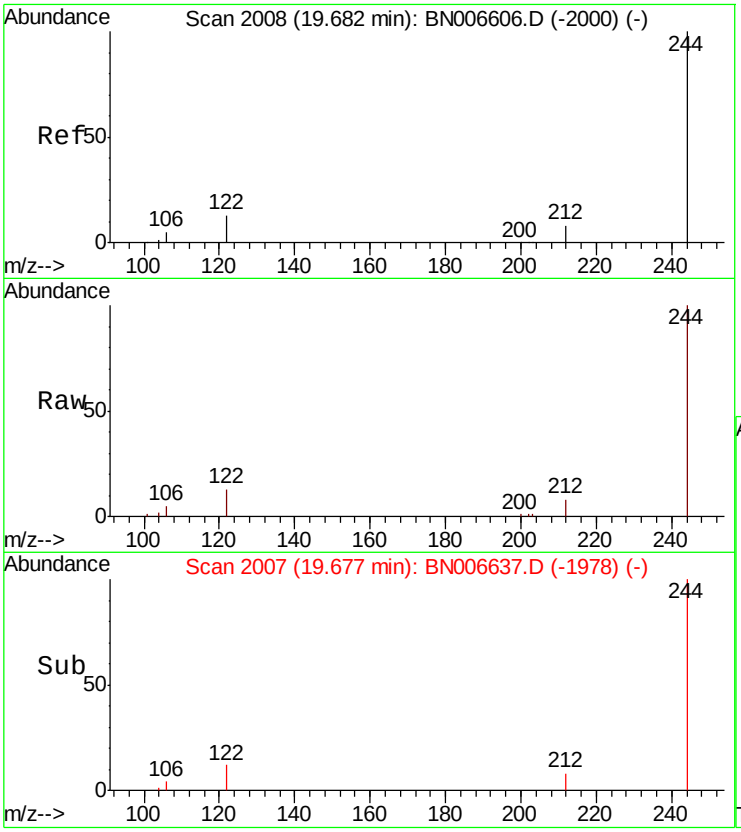


#28
Pyrene
Concen: 0.450 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:202 Resp: 38032

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.4	14.1	21.1



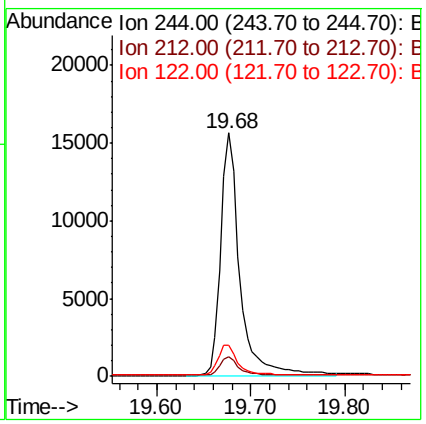


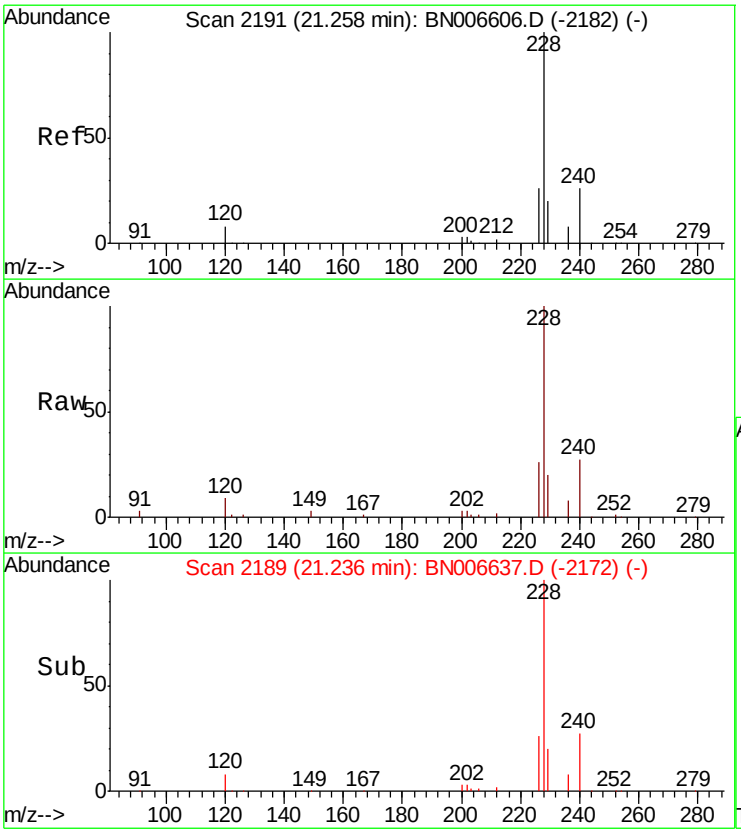
#29
Terphenyl-d14
Concen: 0.439 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 22220

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	13.0	11.0	16.6

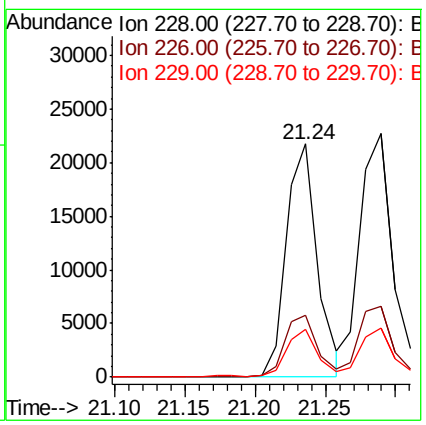


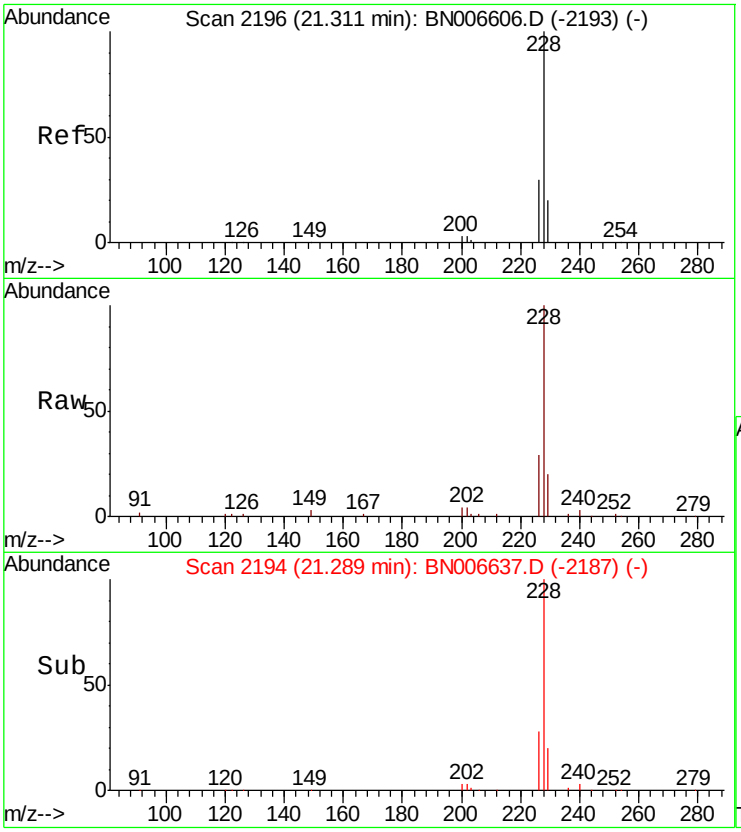


#30
Benzo(a)anthracene
Concen: 0.421 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:228 Resp: 33217

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	20.4	16.1	24.1



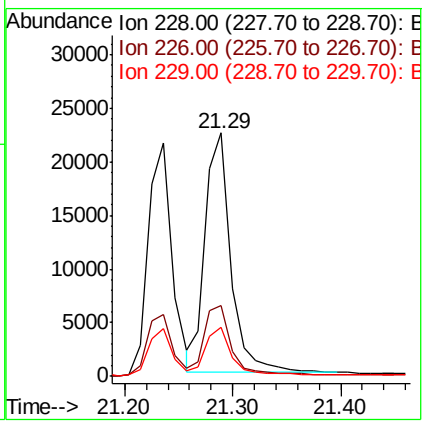


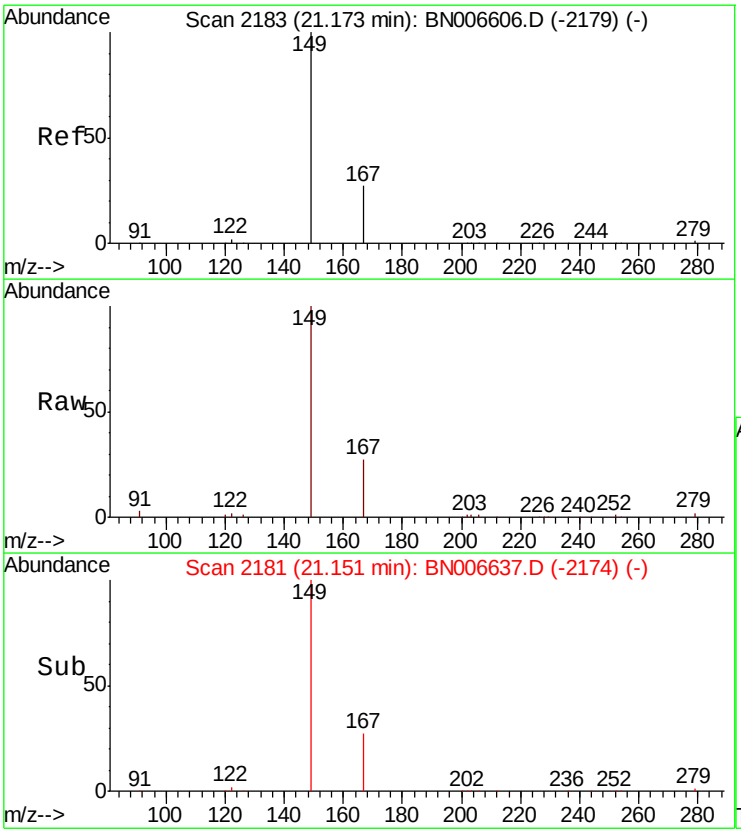
#31
Chrysene
Concen: 0.434 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 36961

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	20.2	15.9	23.9

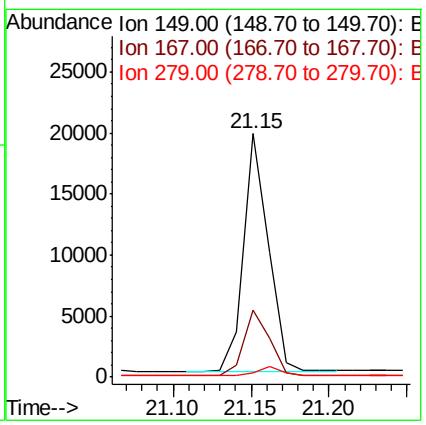


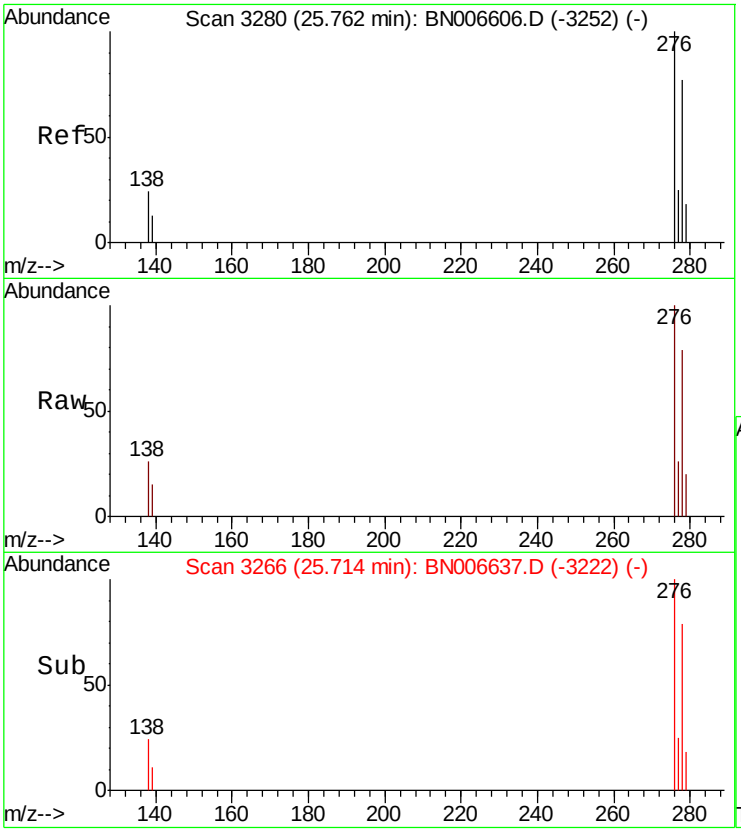


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.536 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:149 Resp: 21321

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	3.9	3.3	4.9



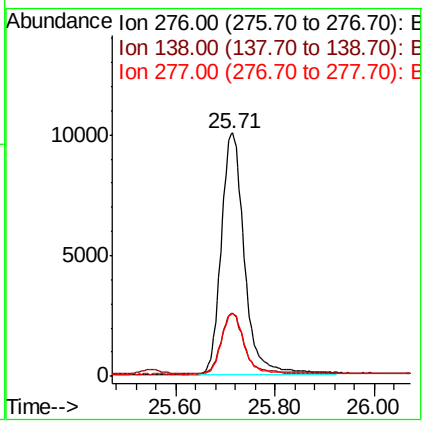


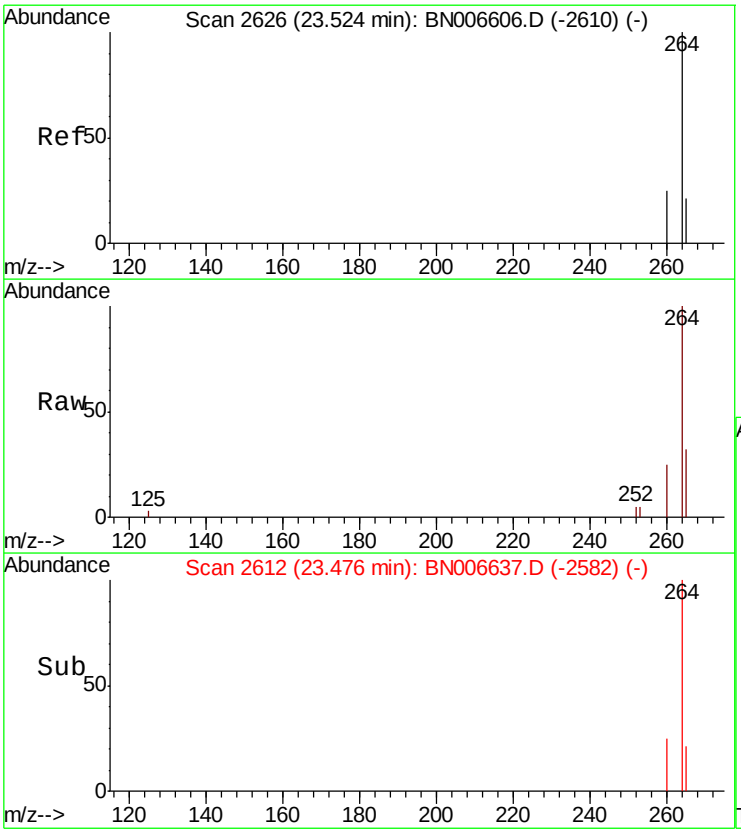
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.71 min Scan# 3266
Delta R.T. -0.05 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 32409

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.3	28.9
277	24.6	19.9	29.9

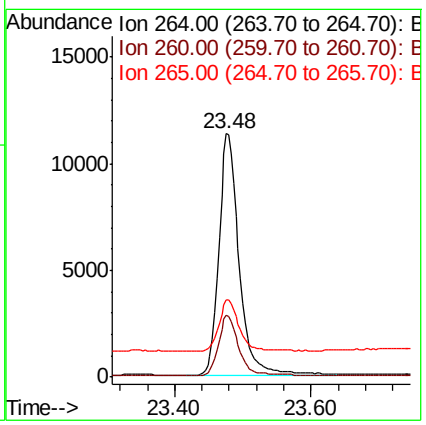


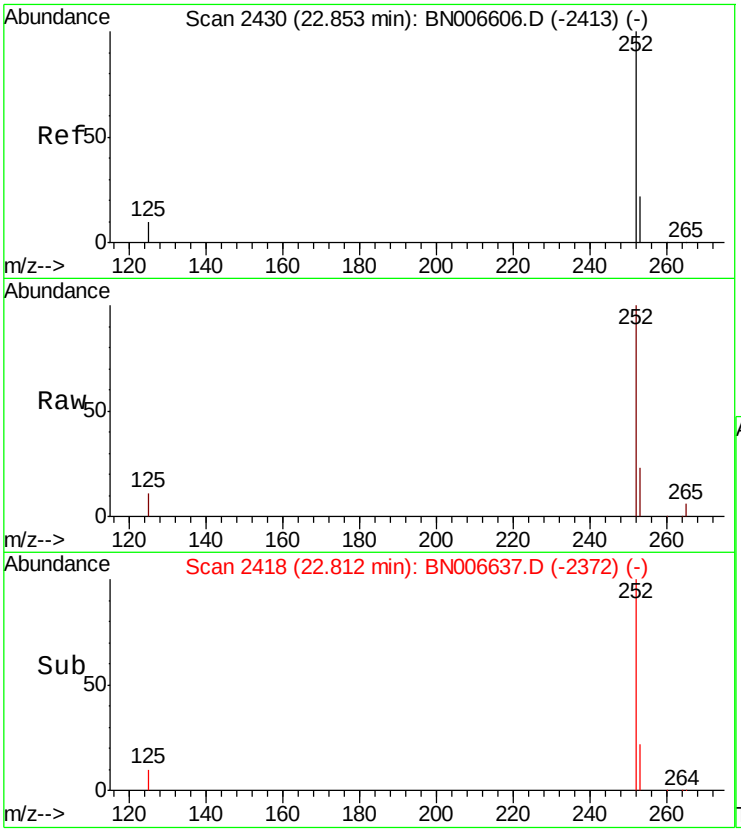


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.05 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:264 Resp: 23137

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	31.9	23.3	34.9



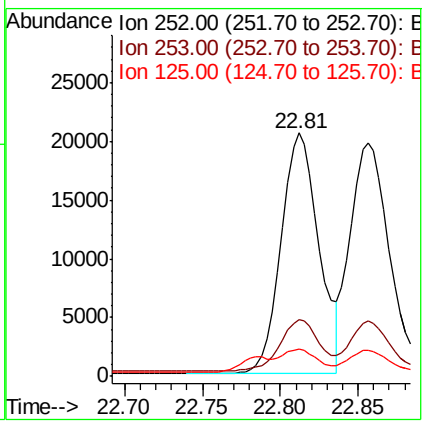


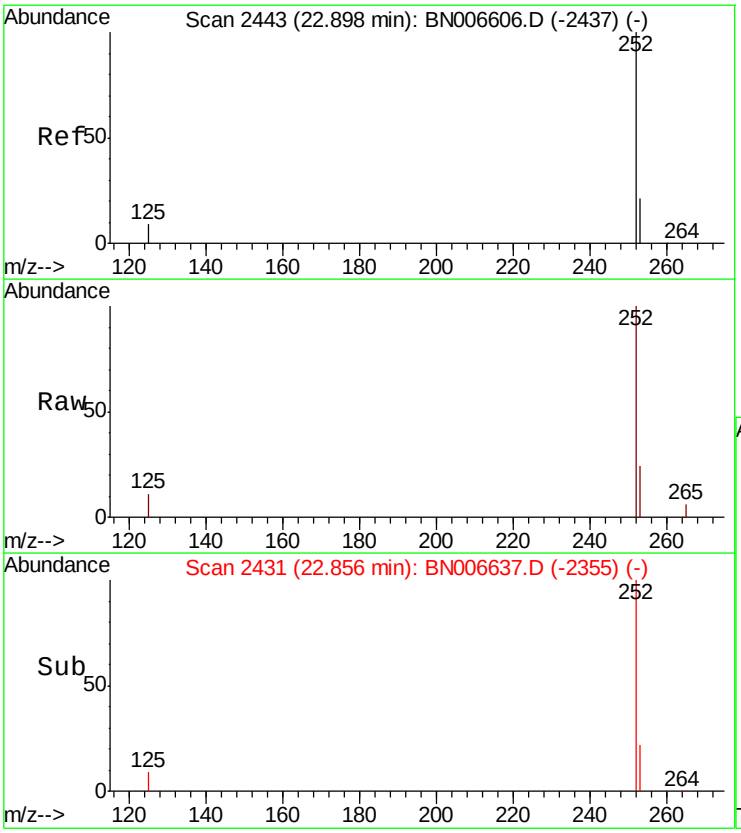
#35
Benzo(b)fluoranthene
Concen: 0.441 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.04 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 34709

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	11.3	8.7	13.1

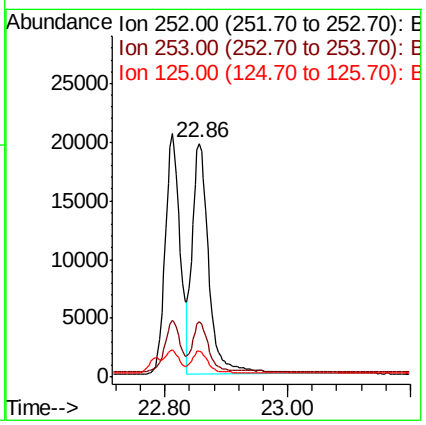


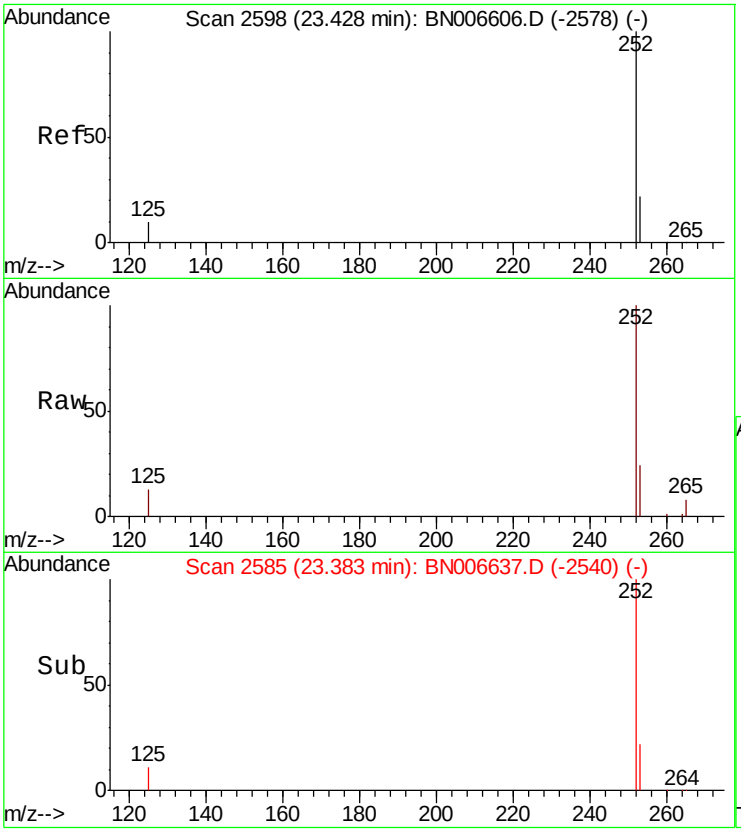


#36
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.04 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:252 Resp: 37055

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	11.0	8.4	12.6



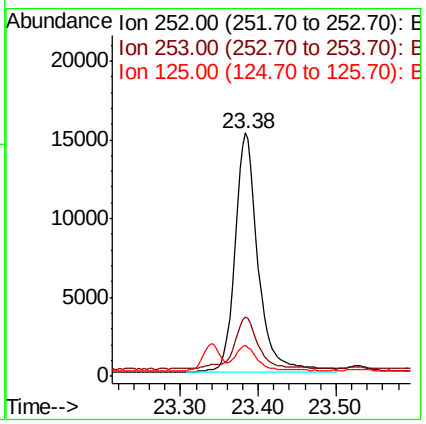


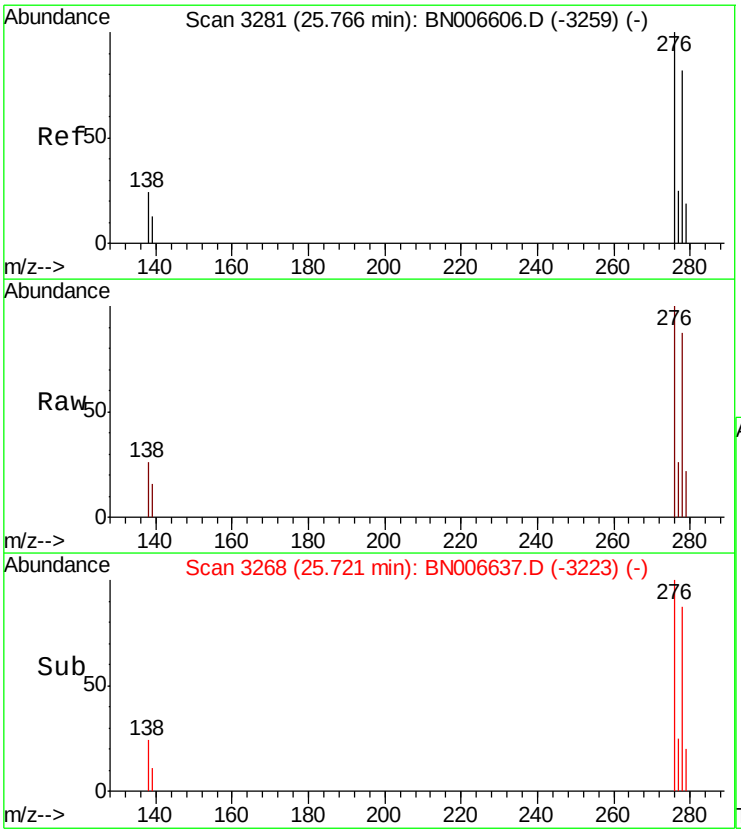
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.38 min Scan# 2585
Delta R.T. -0.04 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 31434

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.8	28.2
125	12.7	9.4	14.2

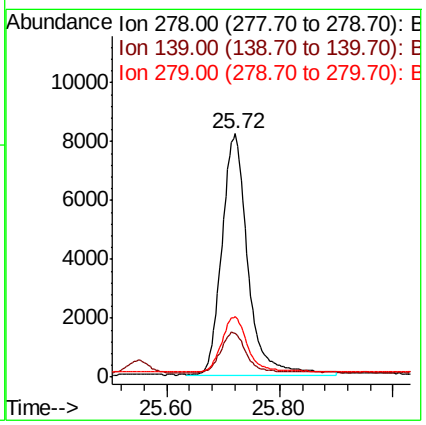


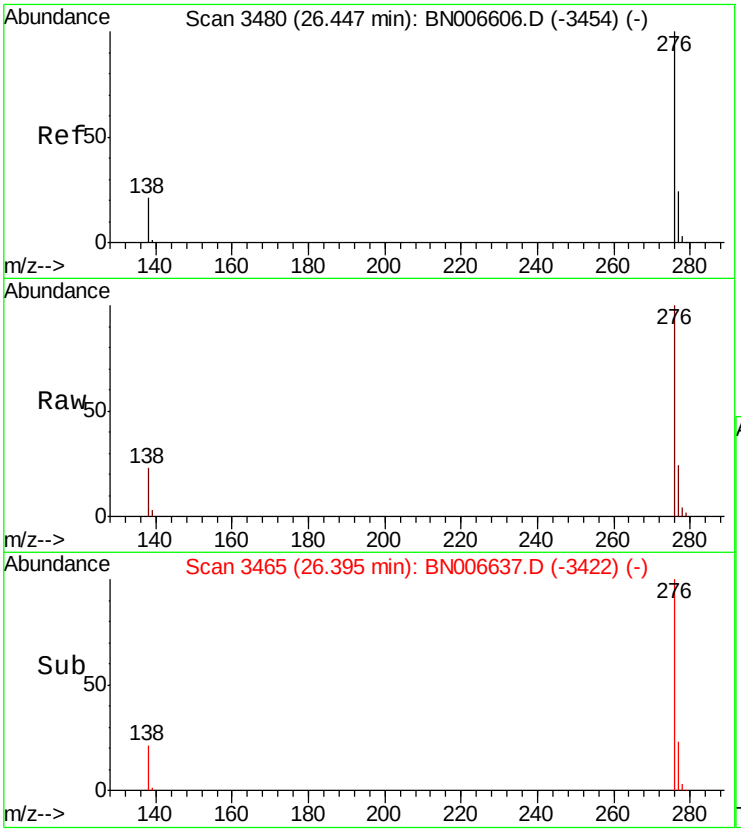


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 25.72 min Scan# 3268
Delta R.T. -0.04 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Tgt Ion:278 Resp: 26030

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.5	20.3
279	25.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.40 min Scan# 3465
Delta R.T. -0.05 min
Lab File: BN006637.D
Acq: 29 Jun 2019 05:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25981

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	22.8	17.7	26.5