Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006670.D
Acq On : 01 Jul 2019 21:40
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 02 05:07:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4665	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	18707	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	9992	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	20776	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	18633	0.40	ng		-0.02
34) Perylene-d12	23.48	264	21185	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	4702	0.41	ng		0.00
5) Phenol-d6	6.82	99	6341	0.42	ng		0.00
8) Nitrobenzene-d5	8.79	82	5180	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	11583	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1785	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	15890	0.43	ng		-0.01
25) Fluoranthene-d10	19.07	212	24161	0.40	ng		-0.01
29) Terphenyl-d14	19.68	244	17210	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	2503	0.388	ng		97
3) n-Nitrosodimethylamine	3.50	42	1815	0.358	ng	#	96
6) bis(2-Chloroethyl)ether	7.06	93	5512	0.408	ng		99
9) Naphthalene	10.44	128	20703	0.421	ng		99
10) Hexachlorobutadiene	10.72	225	4321	0.428	ng	#	98
12) 2-Methylnaphthalene	12.07	142	13498	0.397	ng		99
16) Acenaphthylene	13.99	152	20526	0.431	ng		100
17) Acenaphthene	14.33	154	13354	0.425	ng		99
18) Fluorene	15.32	166	15978	0.404	ng		99
20) 4-Bromophenyl-phenylether	16.22	248	4924	0.428	ng	#	87
21) Hexachlorobenzene	16.34	284	6299	0.433	ng		99
22) Pentachlorophenol	16.73	266	994	0.491	ng		97
23) Phenanthrene	17.07	178	24646	0.417	ng		100
24) Anthracene	17.16	178	21113	0.412	ng		100
26) Fluoranthene	19.11	202	28644	0.399	ng		100
28) Pyrene	19.47	202	29959	0.459	ng		100
30) Benzo(a)anthracene	21.24	228	25803	0.424	ng		99
31) Chrysene	21.29	228	28082	0.428	ng		100
32) Bis(2-ethylhexyl)phthalate	21.15	149	15388	0.502	ng		100
33) Indeno(1,2,3-cd)pyrene	25.71	276	34523	0.519	ng		99
35) Benzo(b)fluoranthene	22.81	252	29104	0.404	ng		98
36) Benzo(k)fluoranthene	22.86	252	30680	0.399	ng		97
37) Benzo(a)pyrene	23.39	252	28362	0.421	ng		97
38) Dibenzo(a,h)anthracene	25.72	278	27483	0.467	ng		97
39) Benzo(g,h,i)perylene	26.40	276	28206	0.480	ng		99

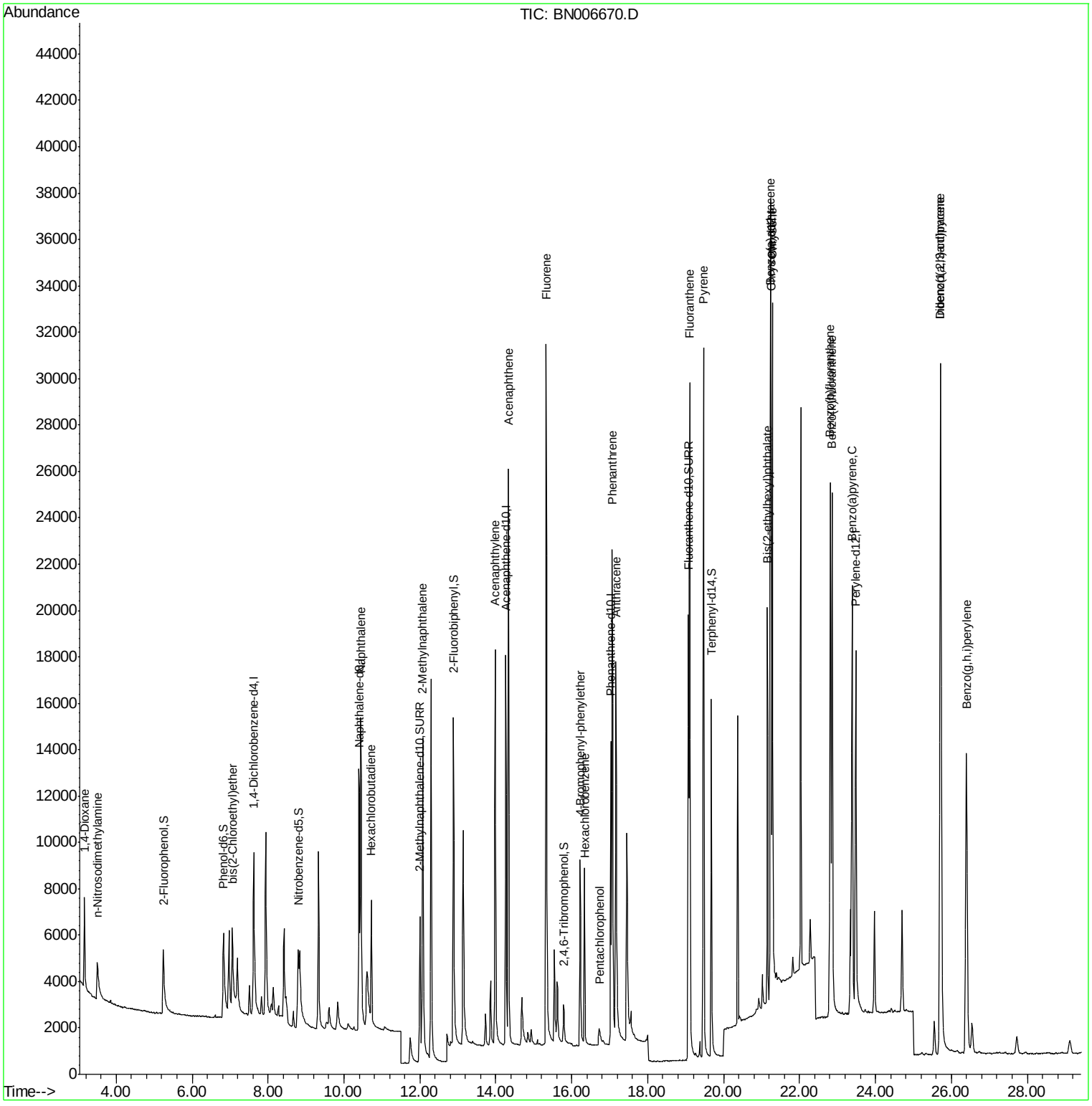
(#) = qualifier out of range (m) = manual integration (+) = signals summed

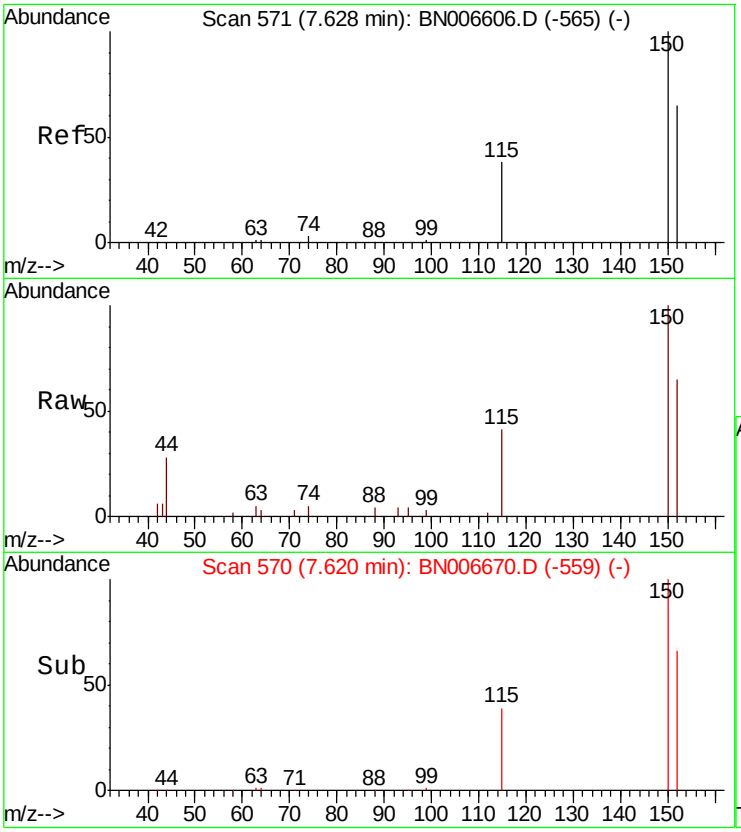
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006670.D
Acq On : 01 Jul 2019 21:40
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 02 05:07:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



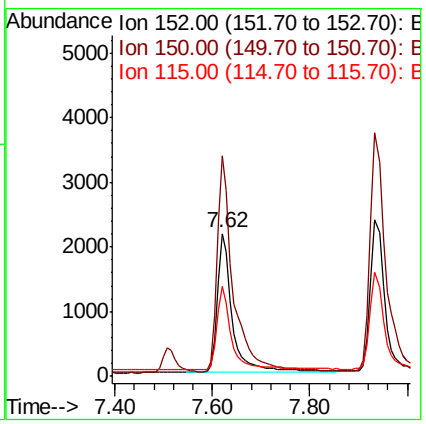


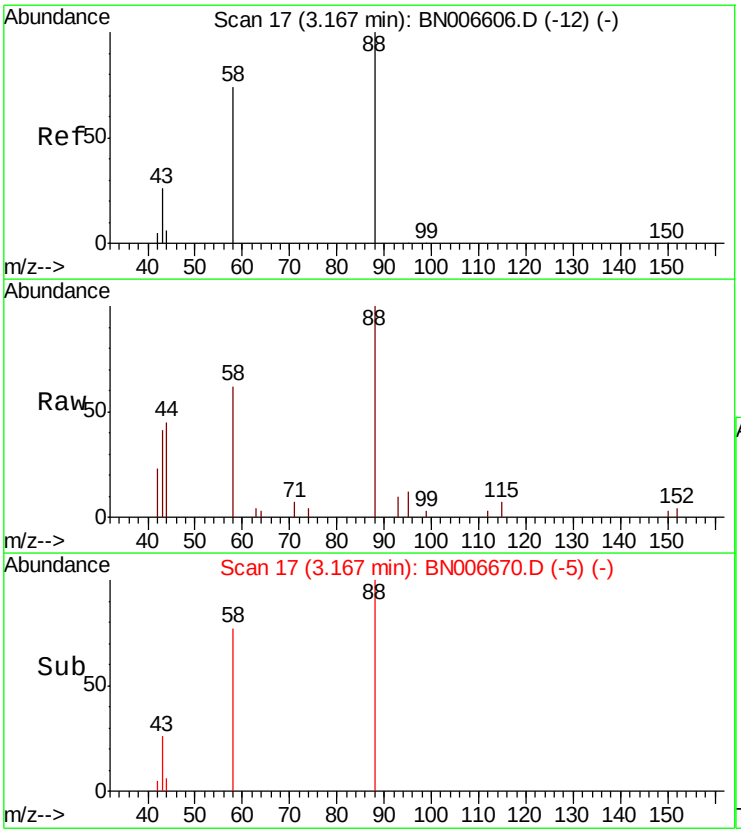
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4665

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.2	183.2
115	62.7	50.0	75.0

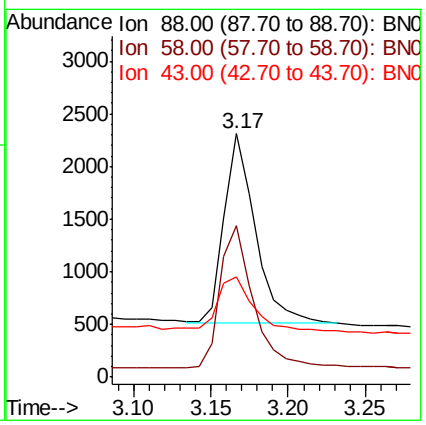


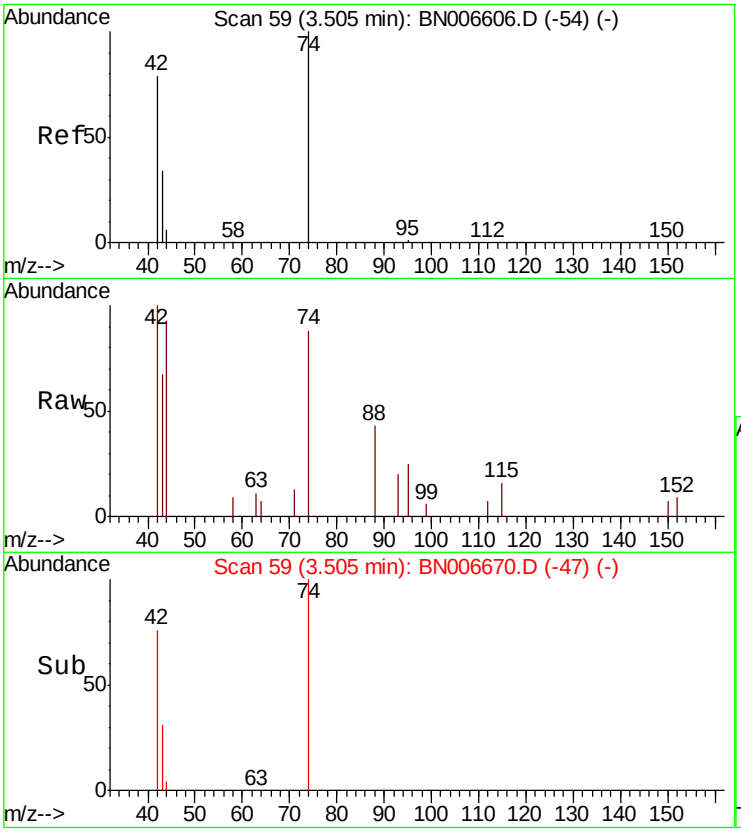


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion: 88 Resp: 2503

Ion	Ratio	Lower	Upper
88	100		
58	81.2	62.5	93.7
43	32.8	25.4	38.0



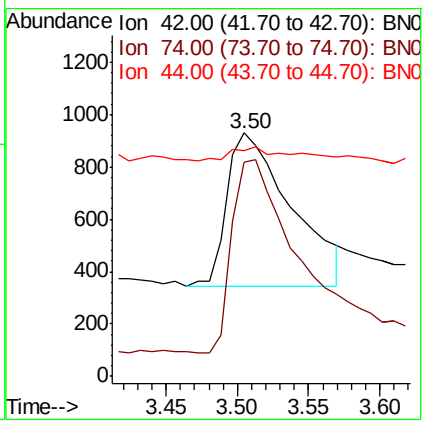


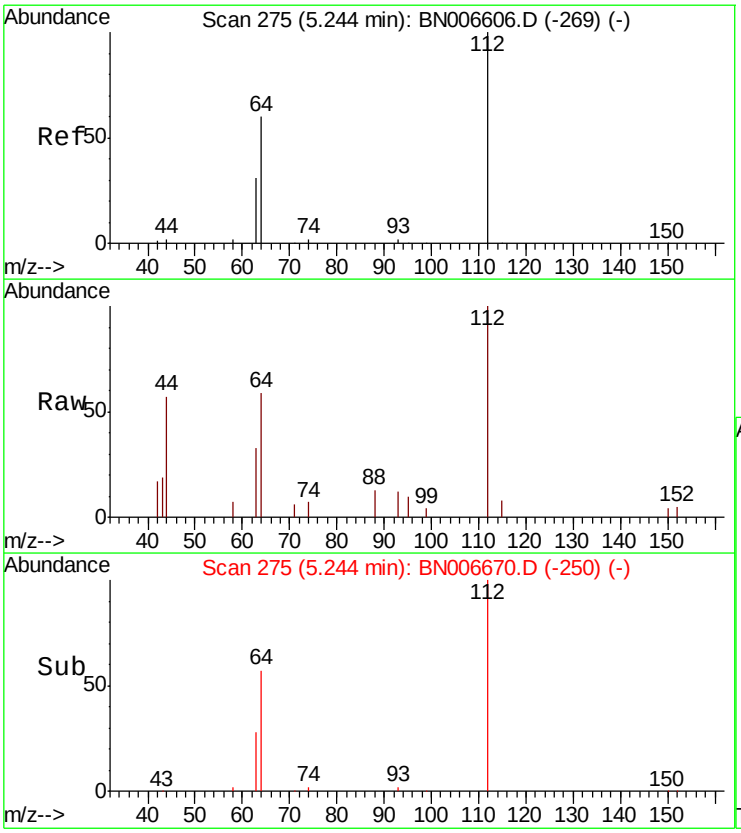
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.50 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1815

Ion	Ratio	Lower	Upper
42	100		
74	125.1	103.1	154.7
44	7.5	3.4	5.2#

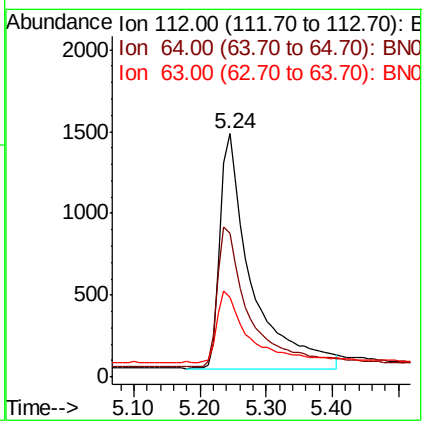


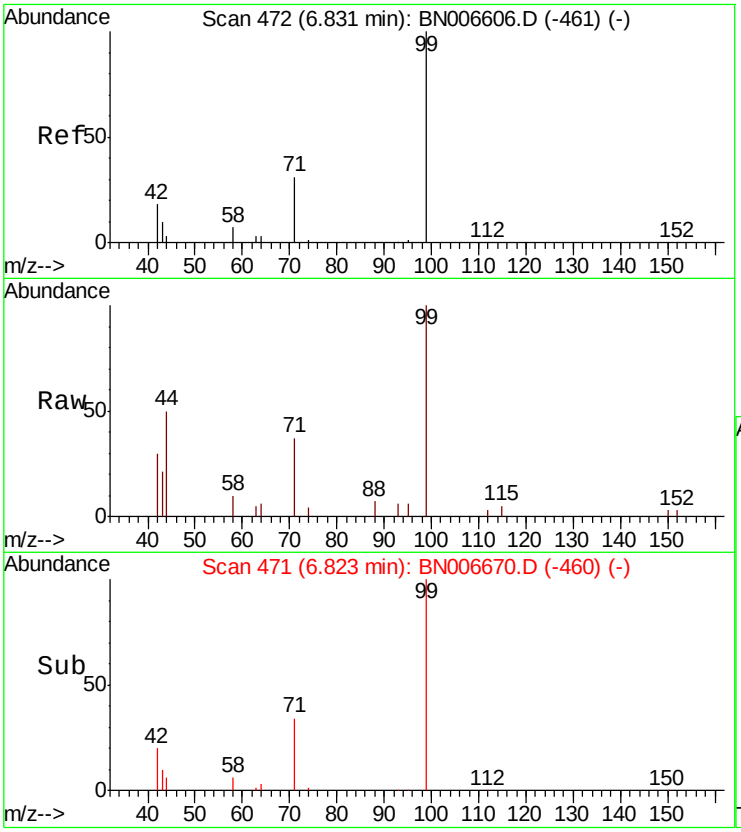


#4
2-Fluorophenol
Concen: 0.411 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:112 Resp: 4702

Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.9	73.3
63	31.6	24.3	36.5



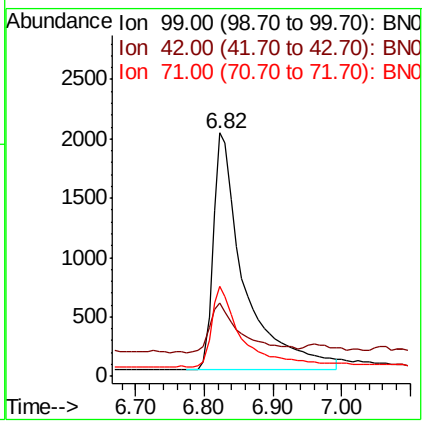


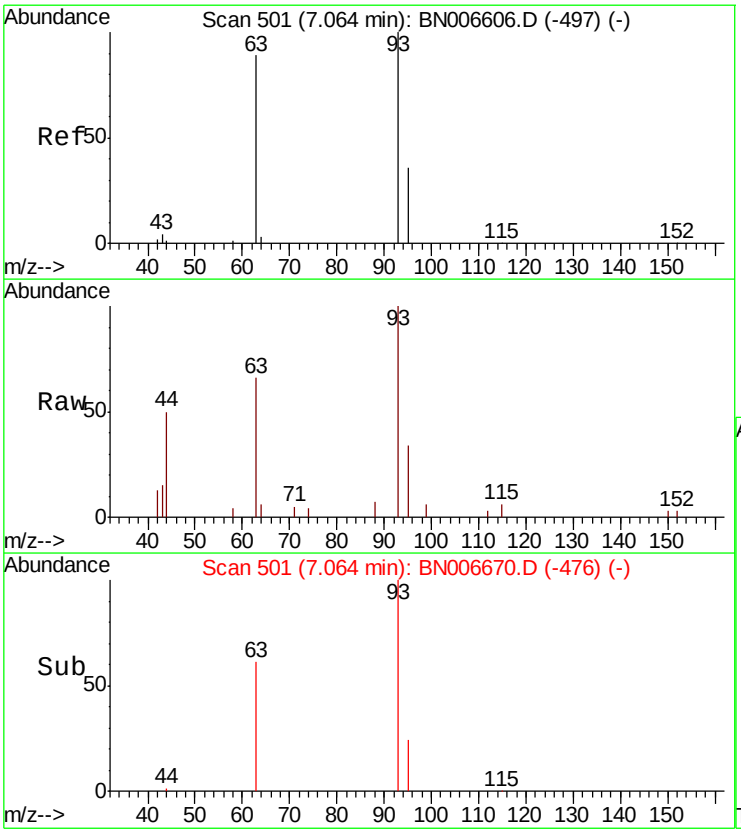
#5
Phenol-d6
Concen: 0.419 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6341

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.4	24.6
71	33.6	26.6	40.0

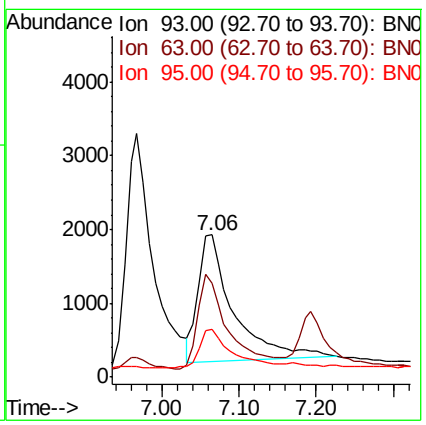


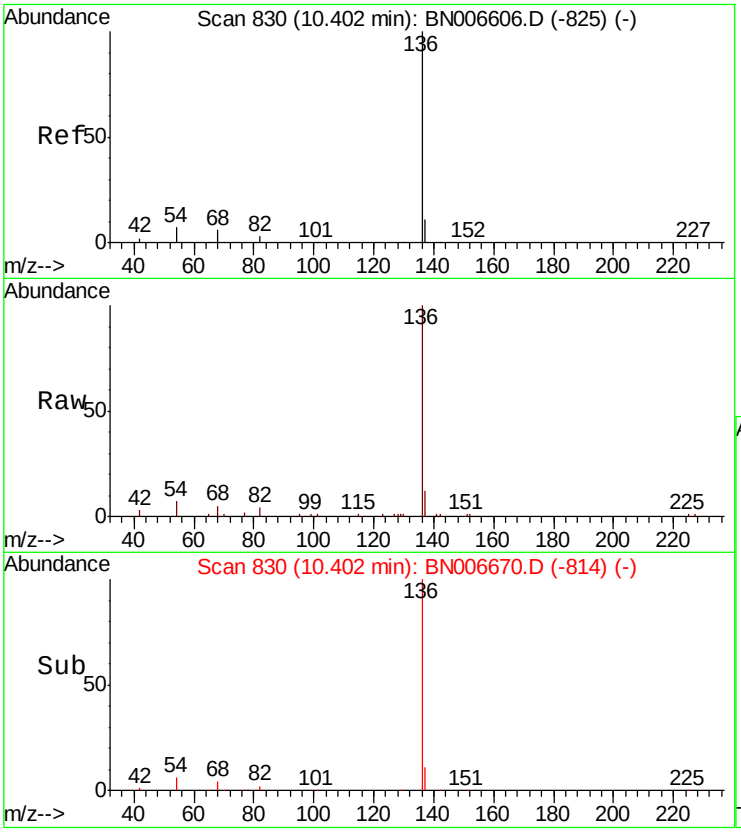


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.06 min Scan# 501
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion: 93 Resp: 5512

Ion	Ratio	Lower	Upper
93	100		
63	65.9	52.5	78.7
95	29.3	24.2	36.4



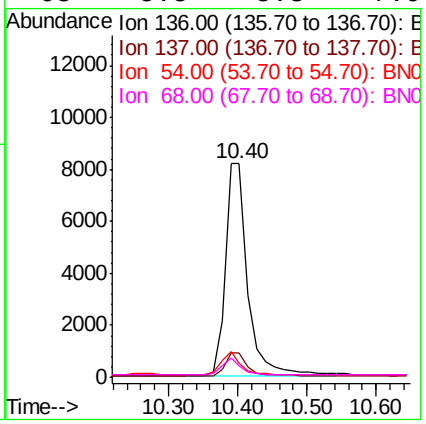


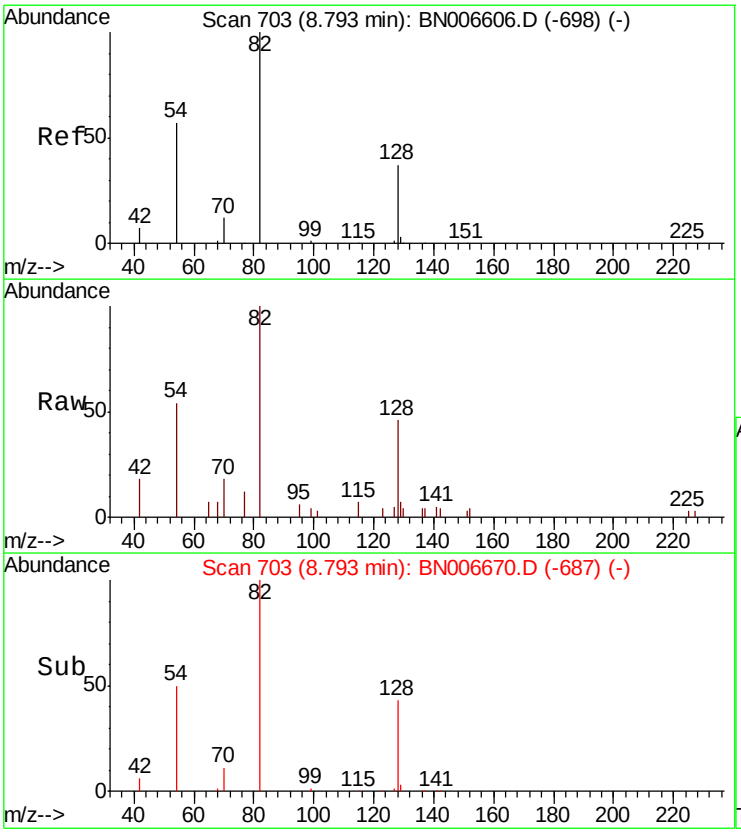
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 18707

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	6.7	6.7	10.1#
68	5.5	5.3	7.9

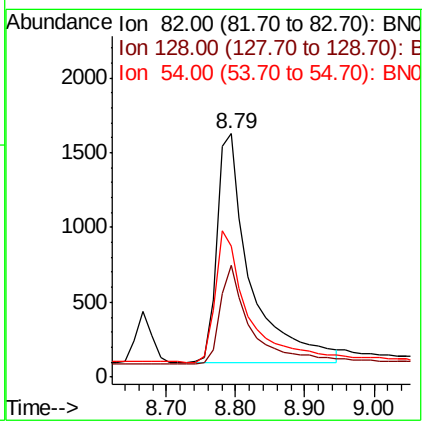


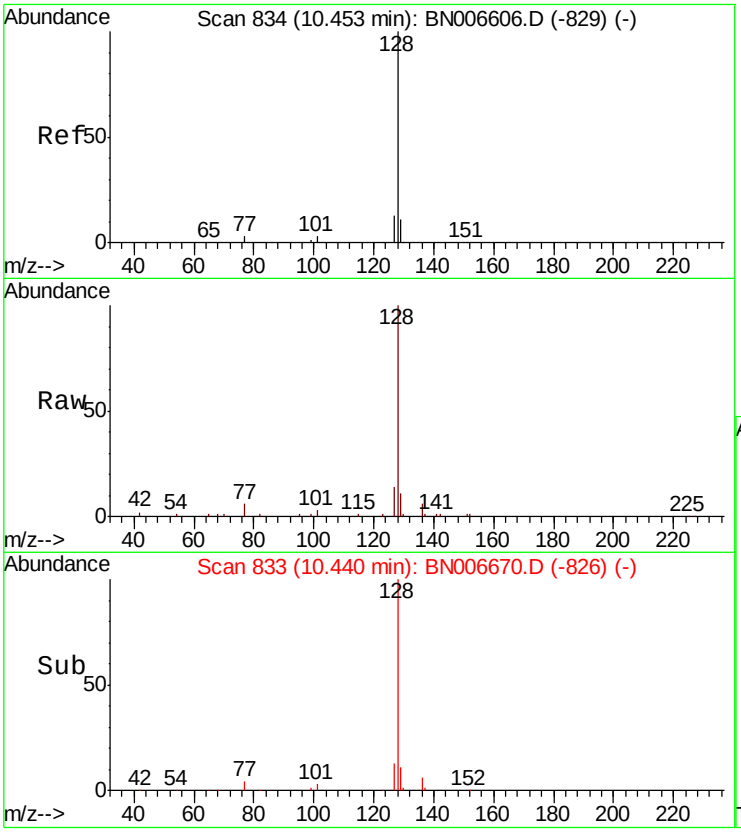


#8
Nitrobenzene-d5
Concen: 0.412 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion: 82 Resp: 5180

Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.6	49.0
54	53.7	48.2	72.4



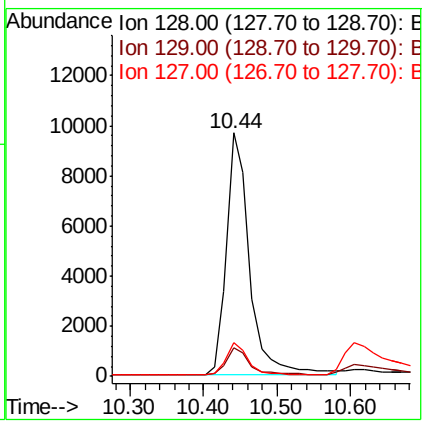


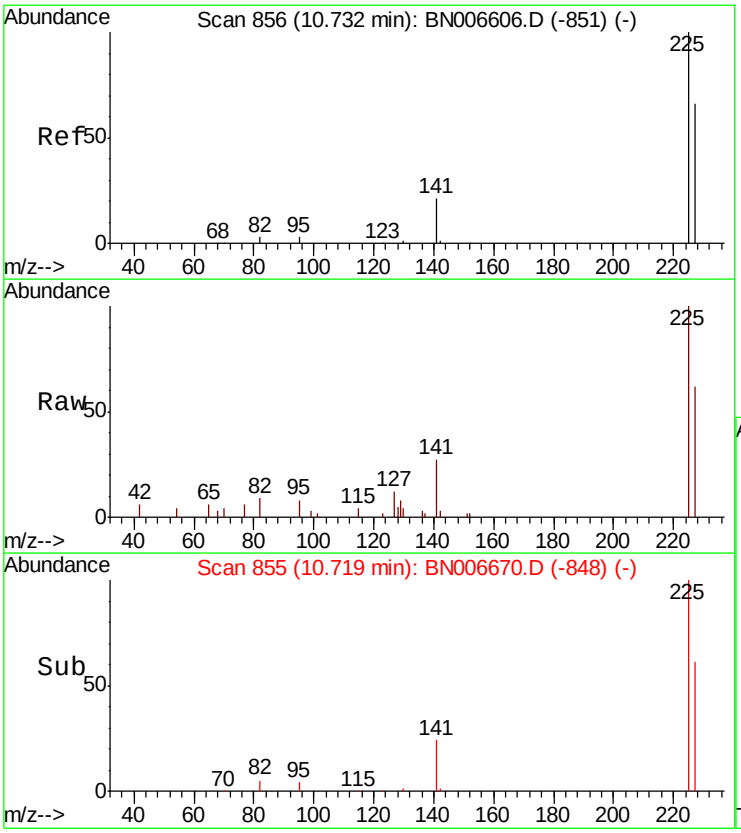
#9
Naphthalene
Concen: 0.421 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 20703

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.9	10.8	16.2

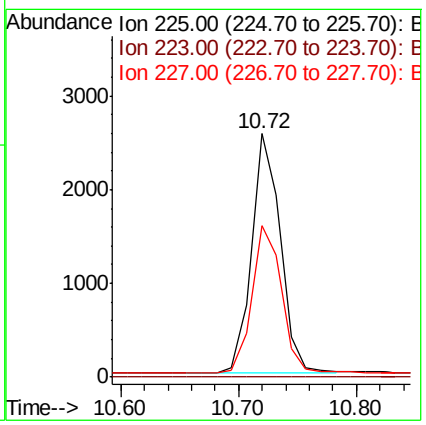


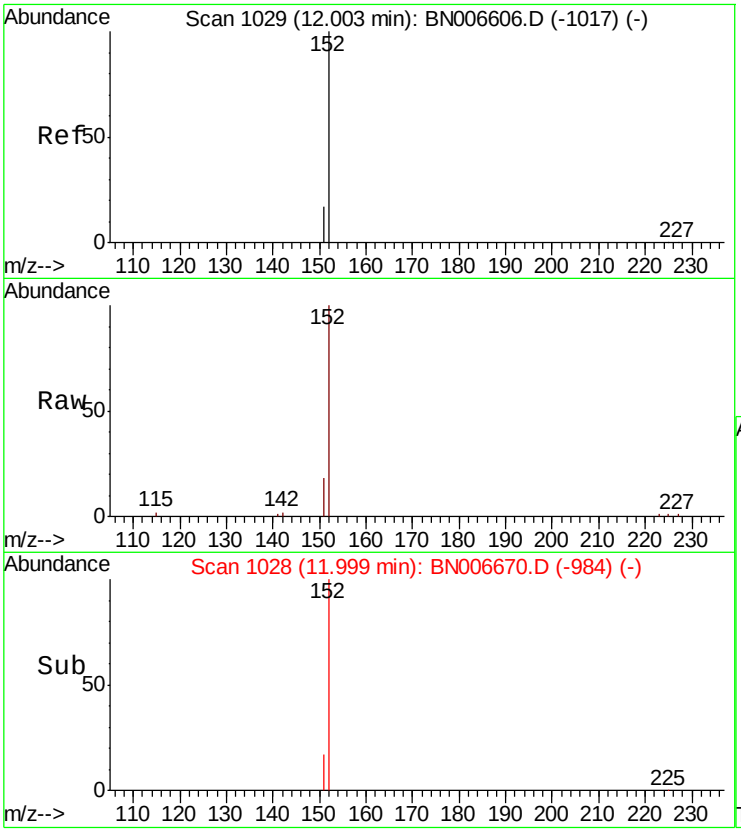


#10
Hexachlorobutadiene
Concen: 0.428 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:225 Resp: 4321

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.4	77.2



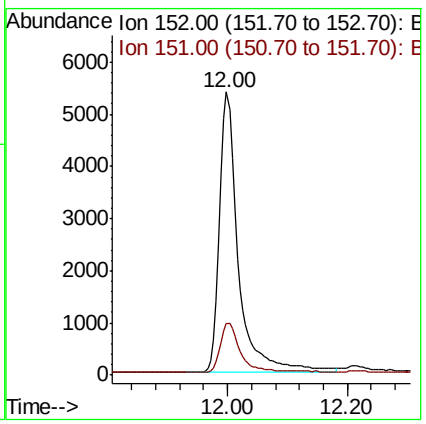


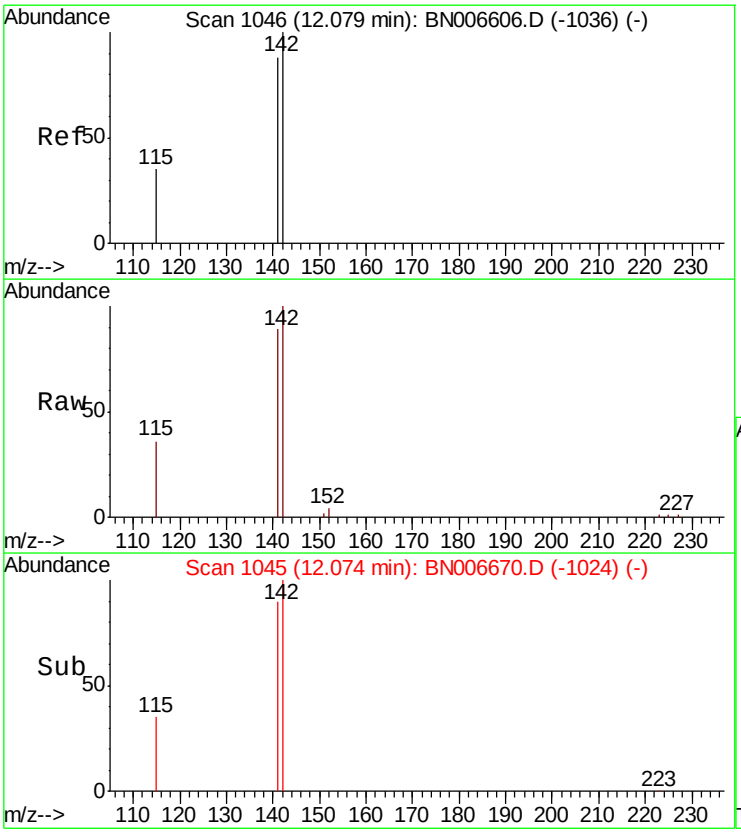
#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11583

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.4

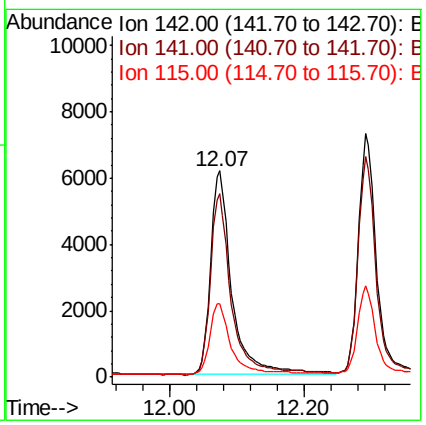


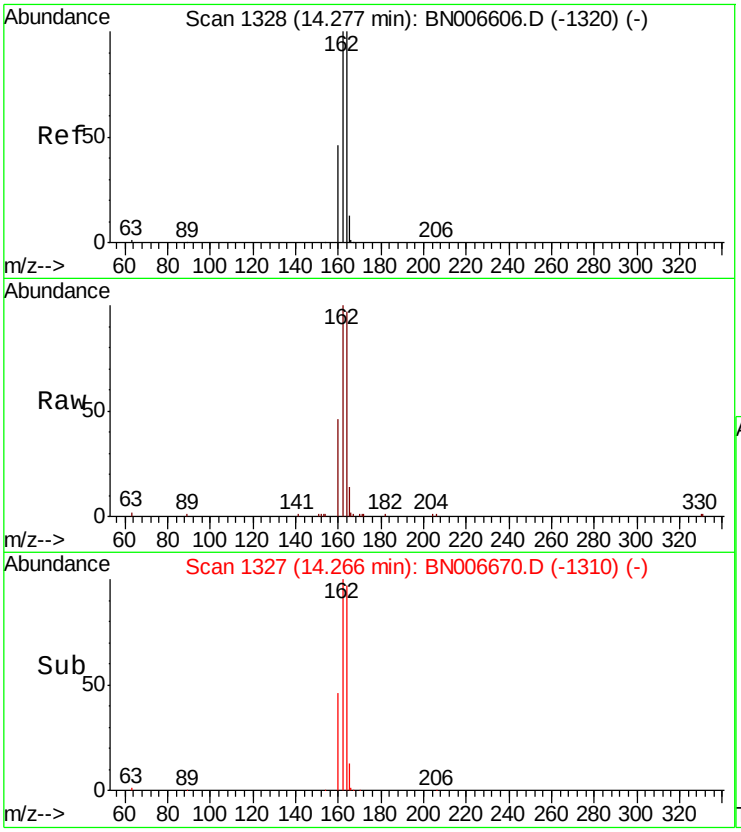


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:142 Resp: 13498

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.2	105.4
115	35.8	28.5	42.7



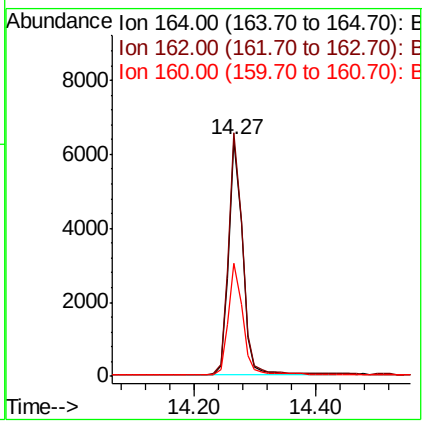


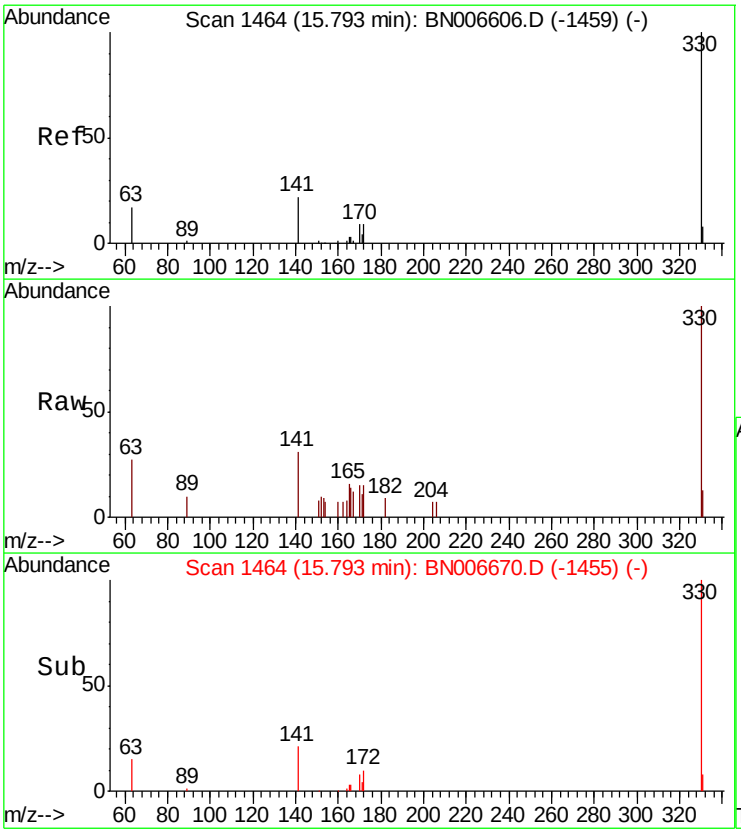
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9992

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.0	120.0
160	47.7	37.0	55.4

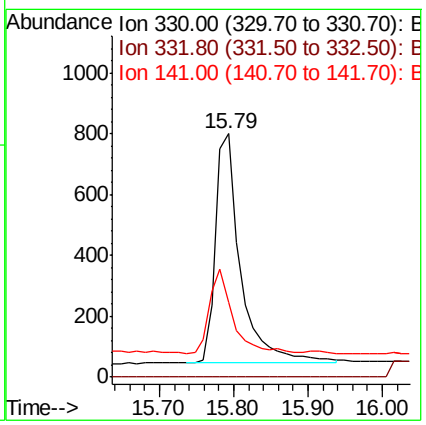


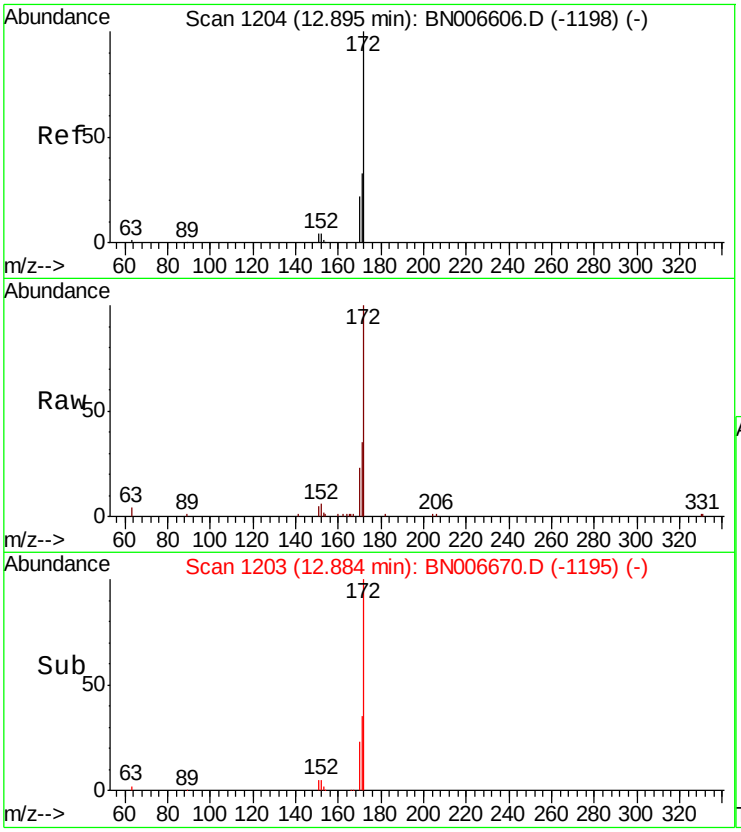


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:330 Resp: 1785

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	26.5	39.7



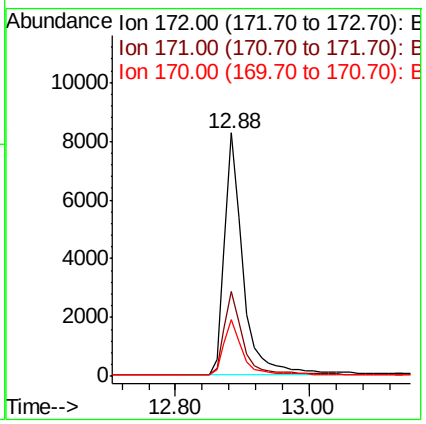


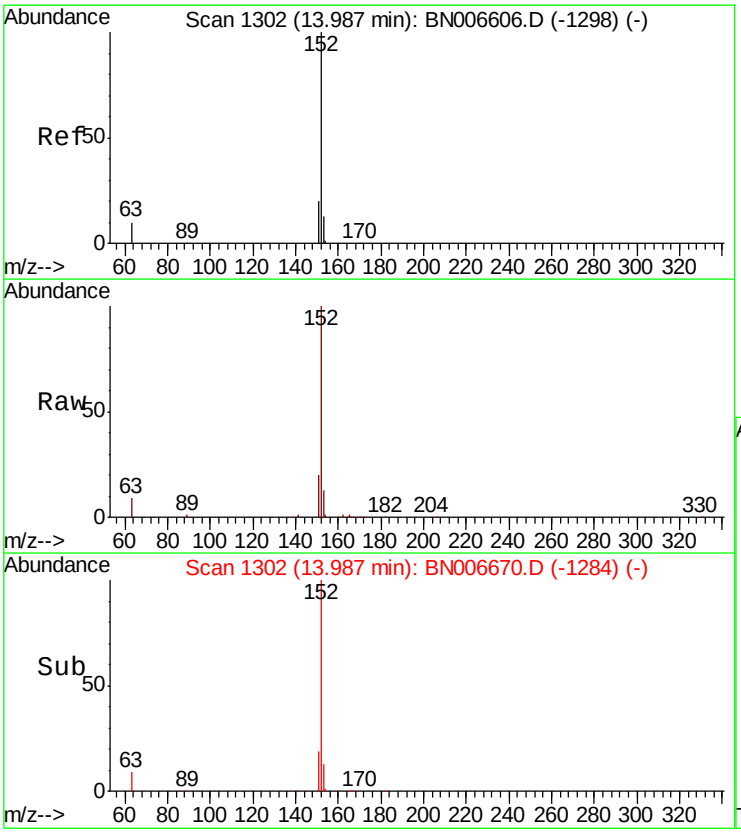
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15890

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.0	40.4
170	23.3	17.7	26.5

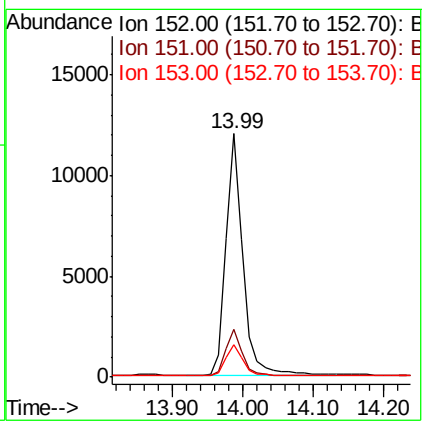


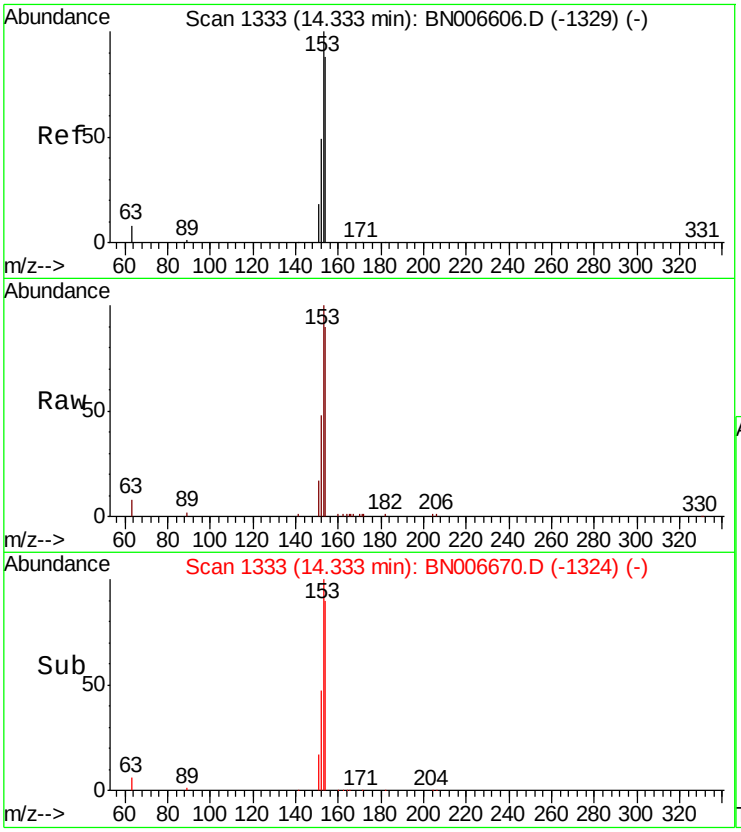


#16
Acenaphthylene
Concen: 0.431 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:152 Resp: 20526

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.5	15.7



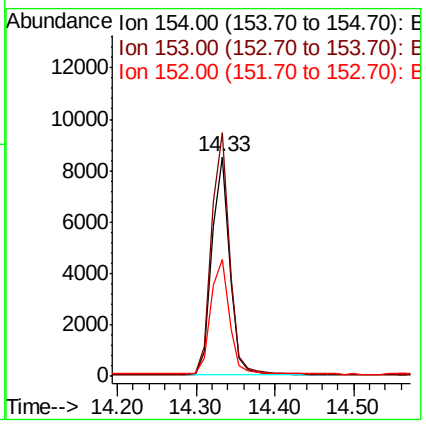


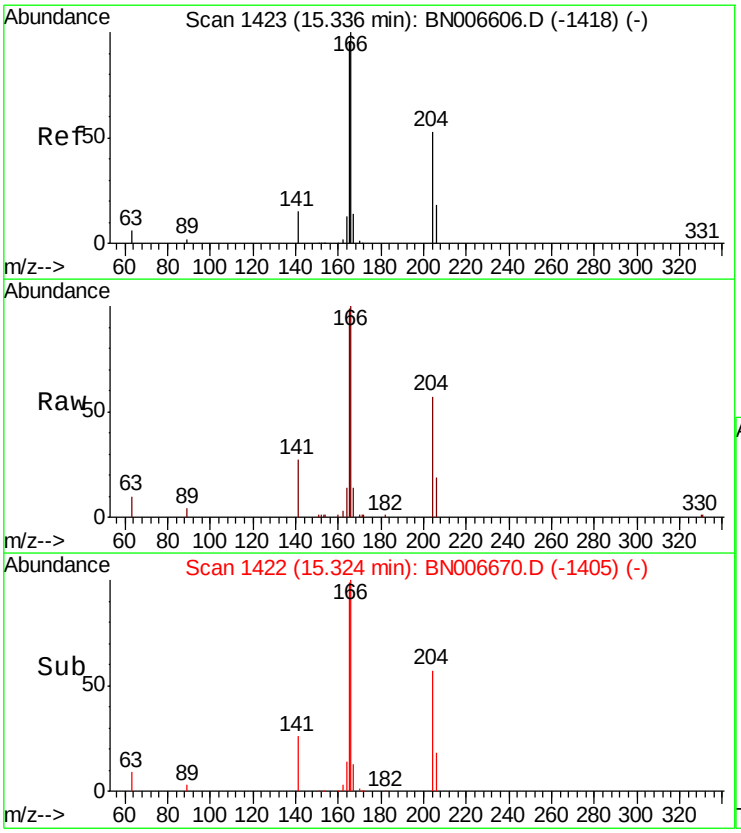
#17
Acenaphthene
Concen: 0.425 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 13354

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.2	135.4
152	54.7	44.2	66.4

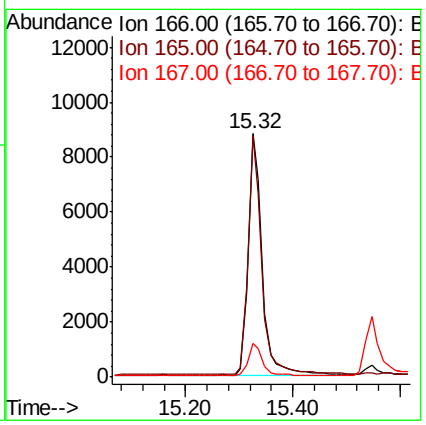


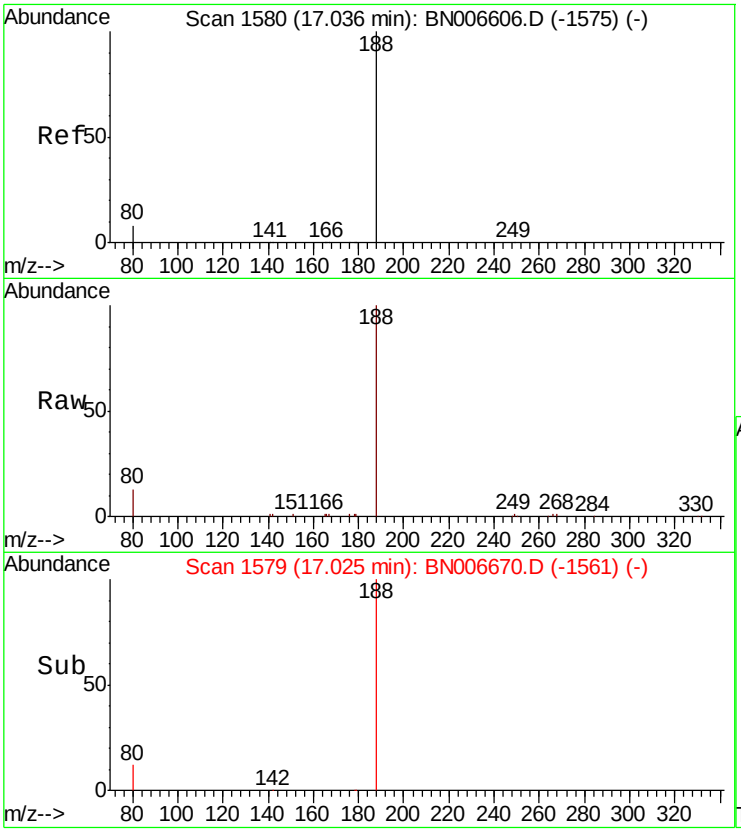


#18
Fluorene
Concen: 0.404 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:166 Resp: 15978

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	13.5	10.8	16.2



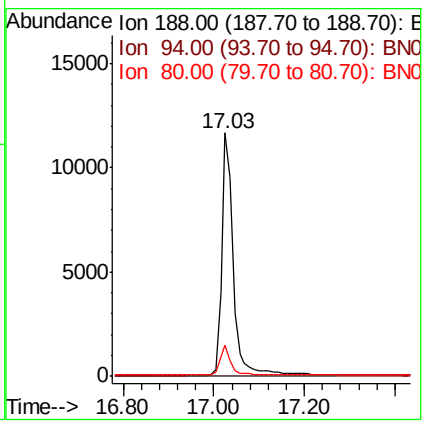


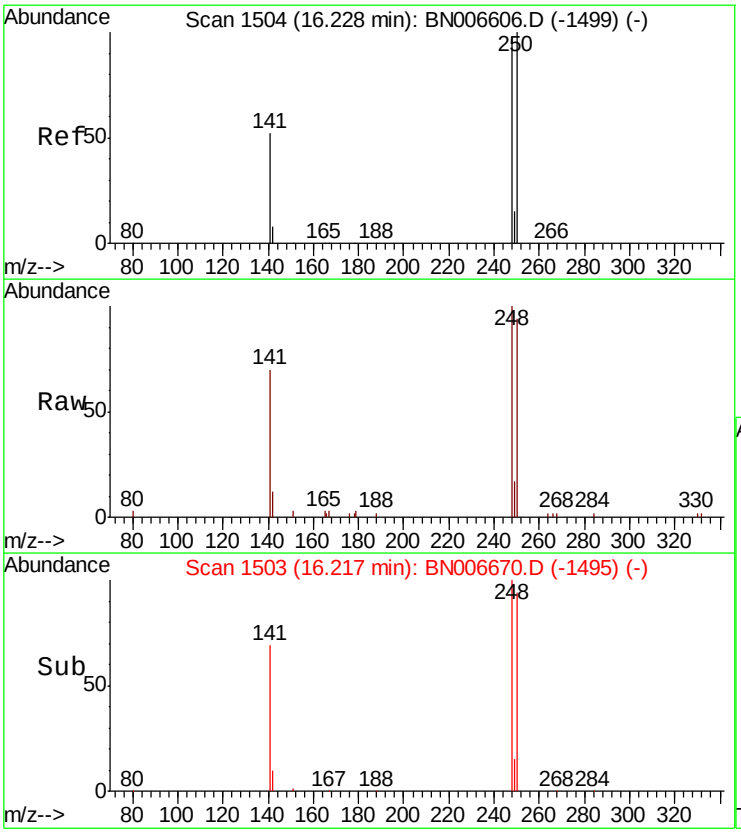
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20776

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	7.1	10.7#

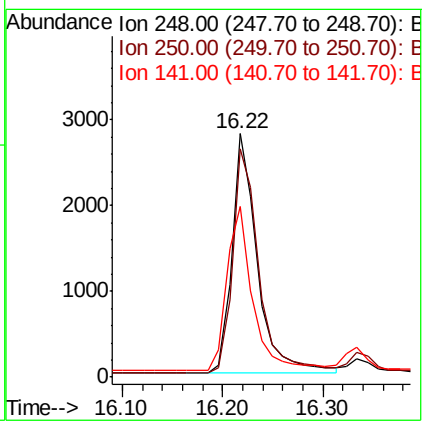


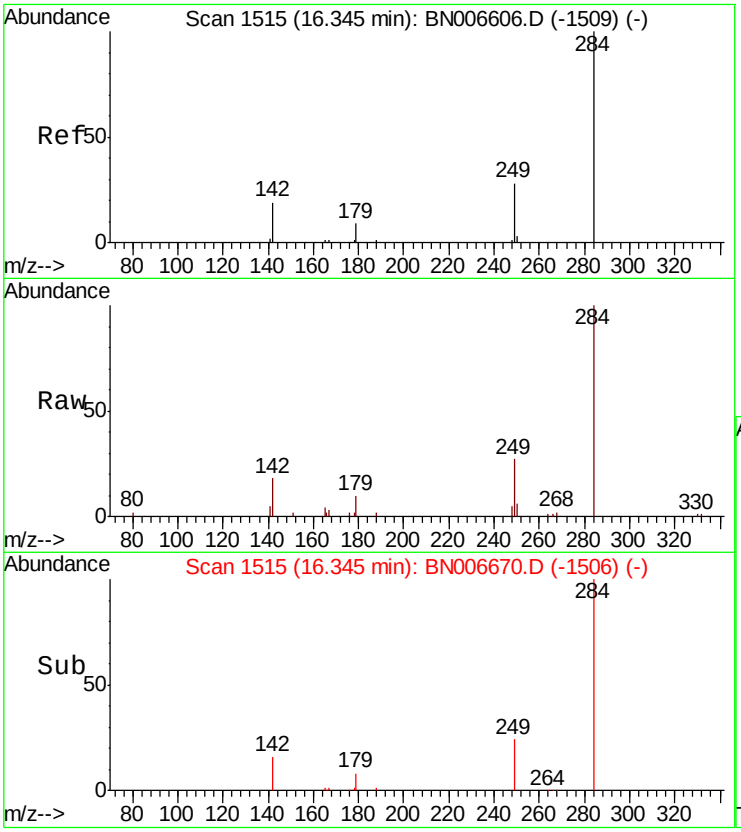


#20
4-Bromophenyl-phenylether
Concen: 0.428 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:248 Resp: 4924

Ion	Ratio	Lower	Upper
248	100		
250	93.7	82.2	123.4
141	70.1	43.8	65.8#



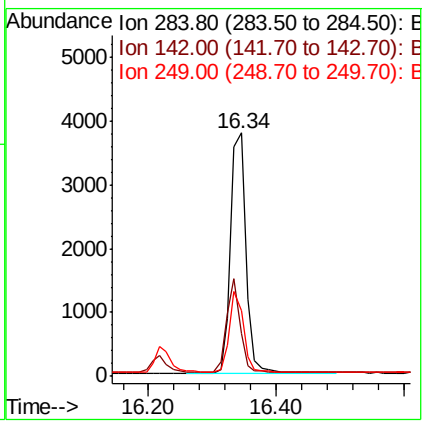


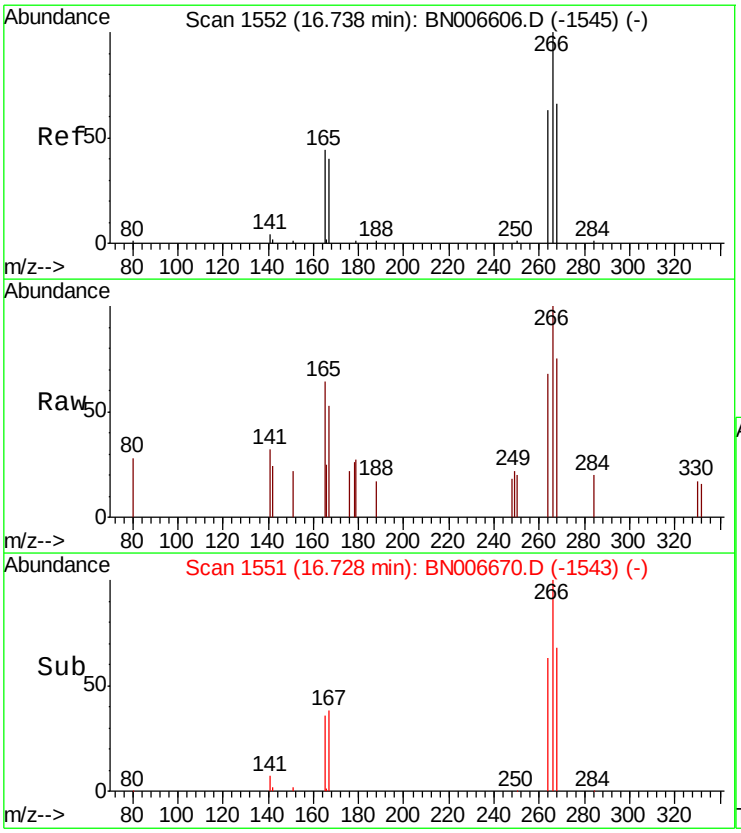
#21
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6299

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

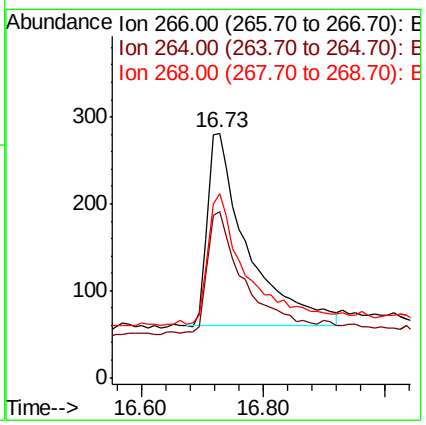


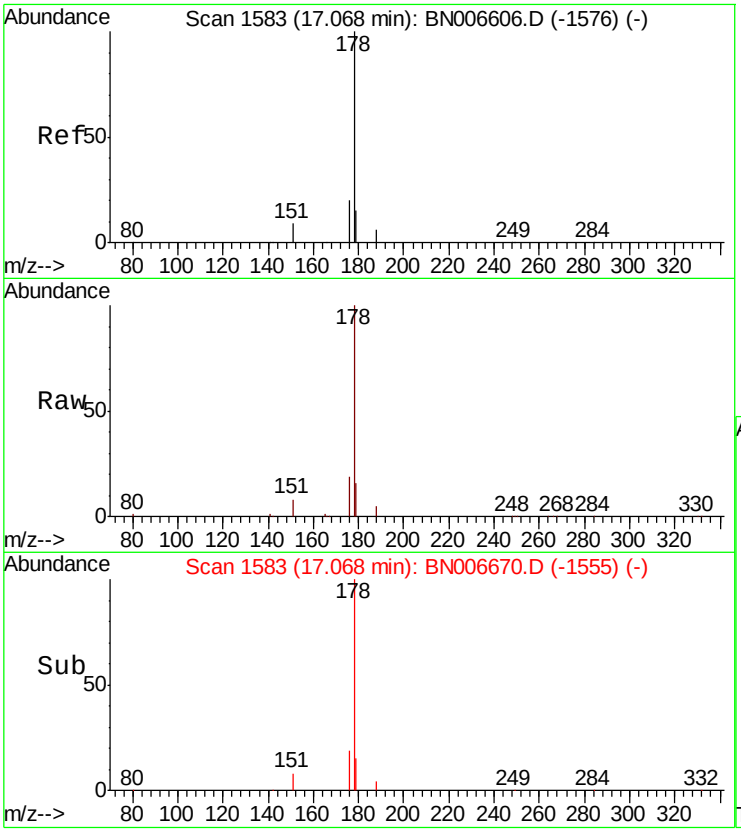


#22
Pentachlorophenol
Concen: 0.491 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:266 Resp: 994

Ion	Ratio	Lower	Upper
266	100		
264	68.0	56.2	84.4
268	75.4	63.0	94.4



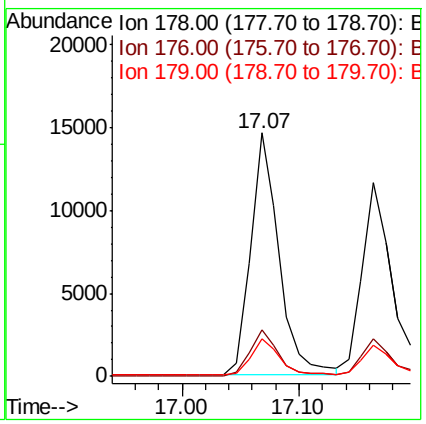


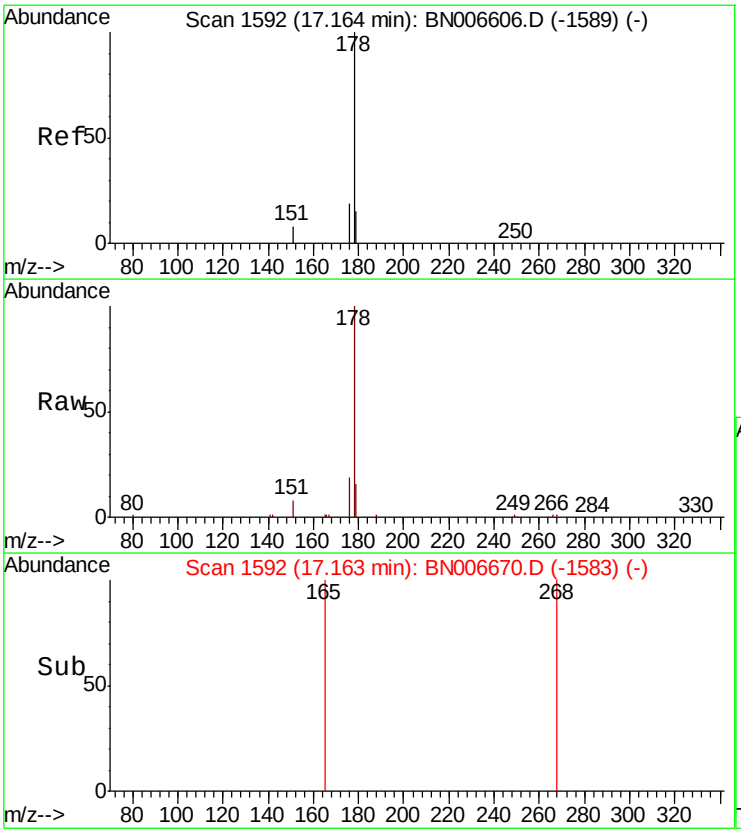
#23
Phenanthrene
Concen: 0.417 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 24646

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.2	18.4

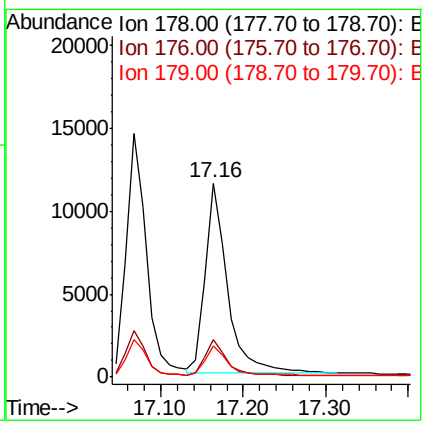


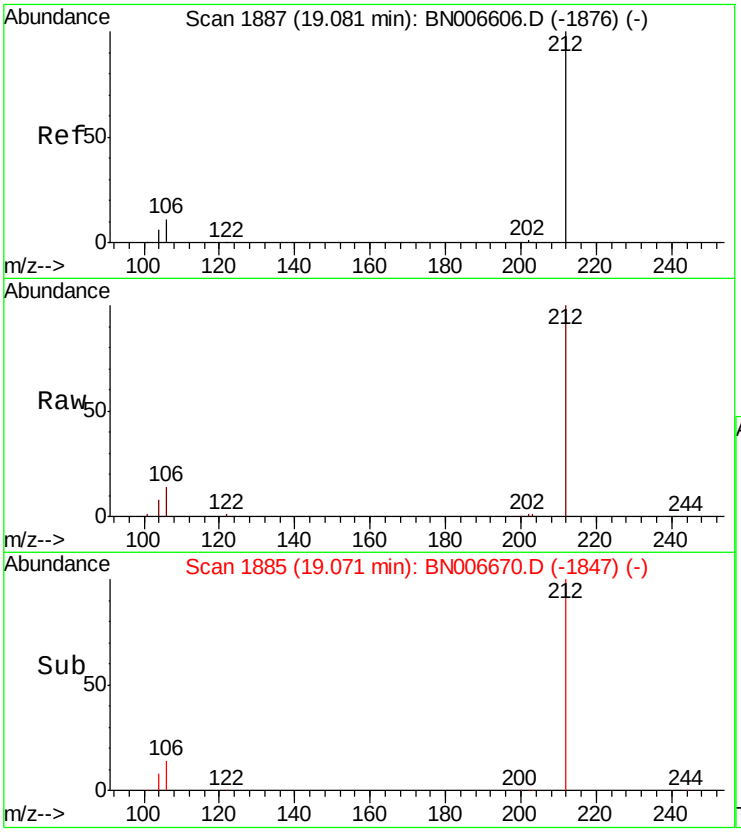


#24
Anthracene
Concen: 0.412 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:178 Resp: 21113

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	14.9	12.2	18.2



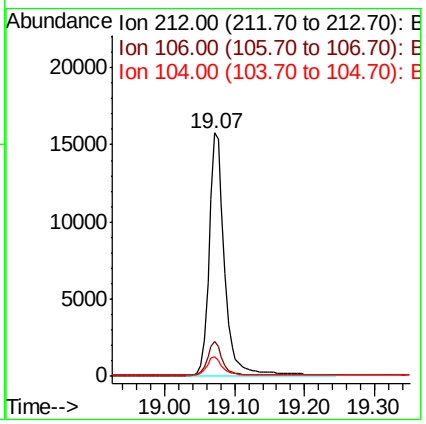


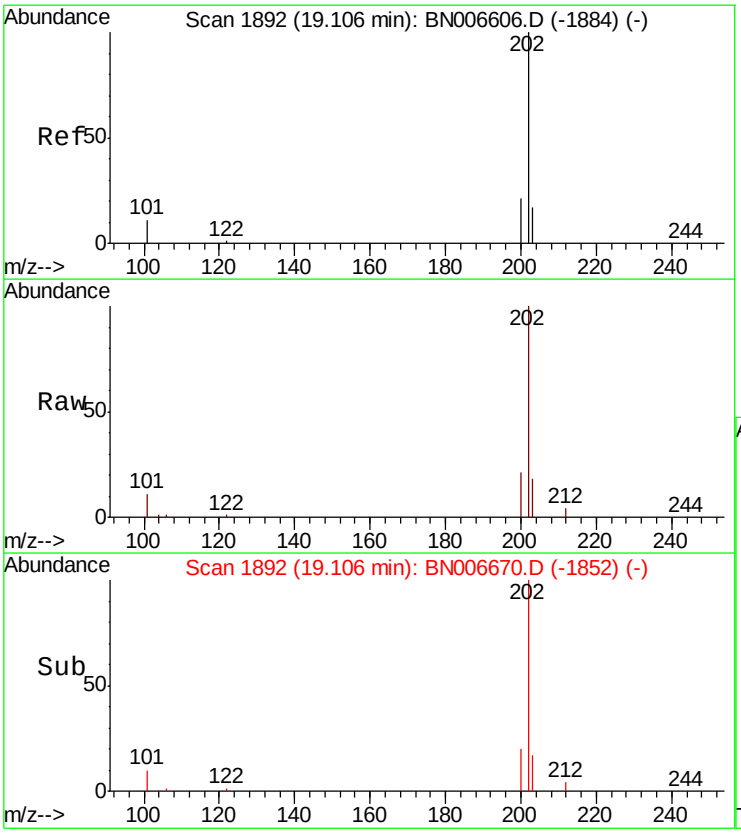
#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 24161

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

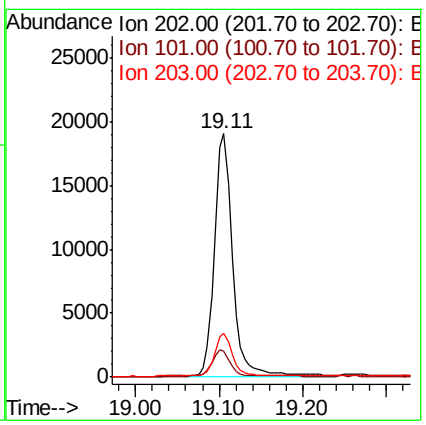


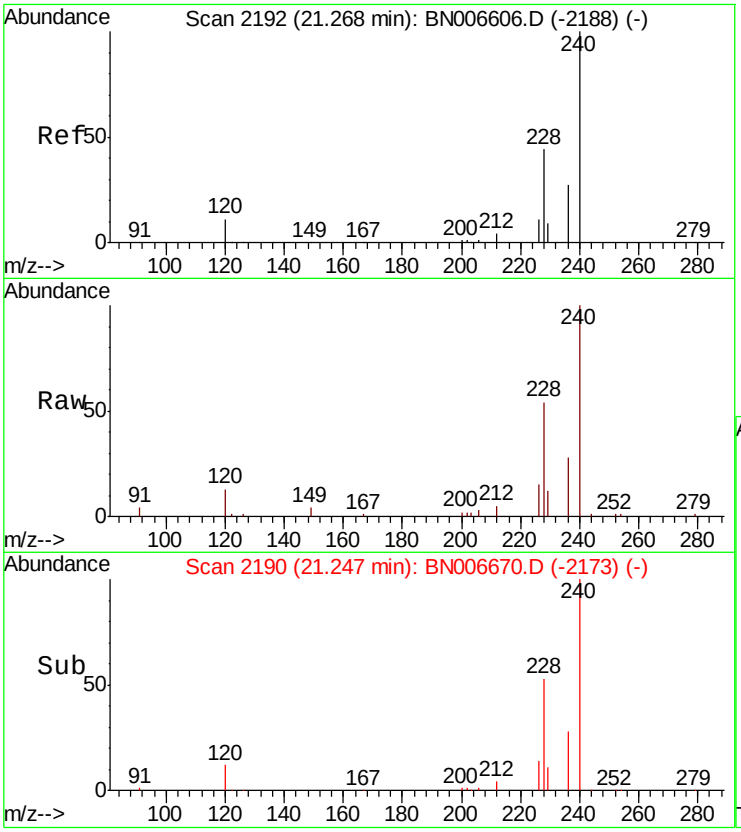


#26
Fluoranthene
Concen: 0.399 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:202 Resp: 28644

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	17.2	13.6	20.4



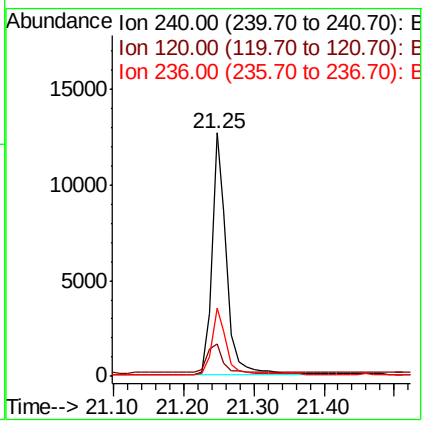


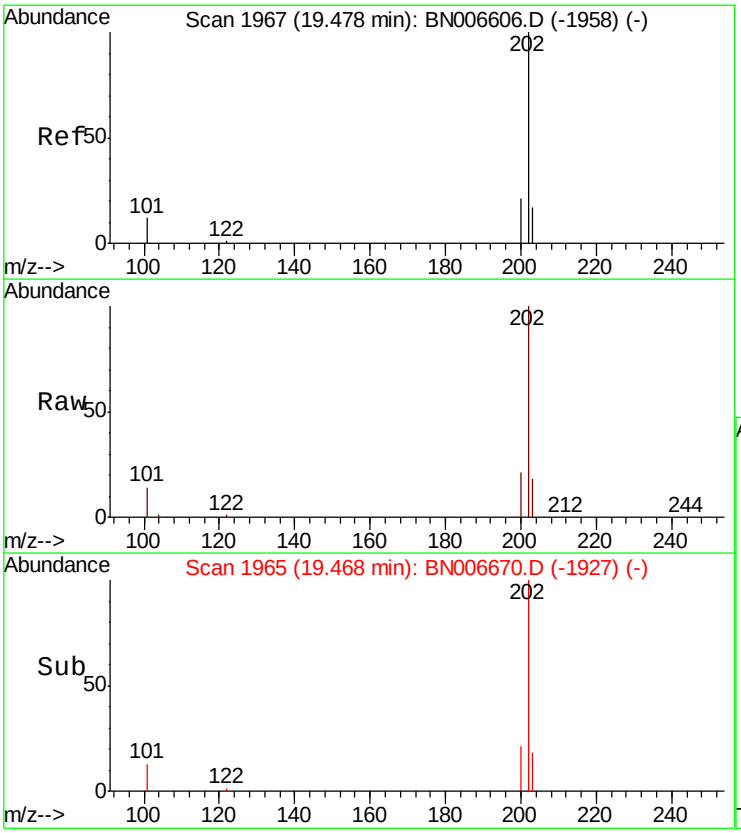
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 18633

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.9	14.9
236	28.1	22.2	33.4

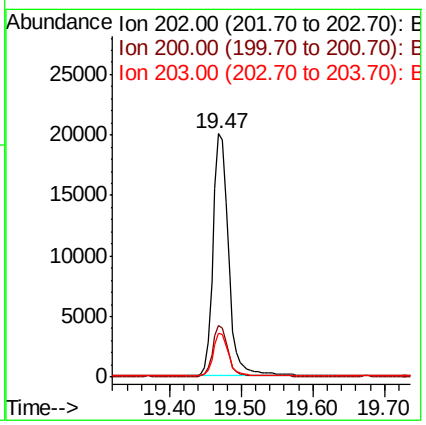


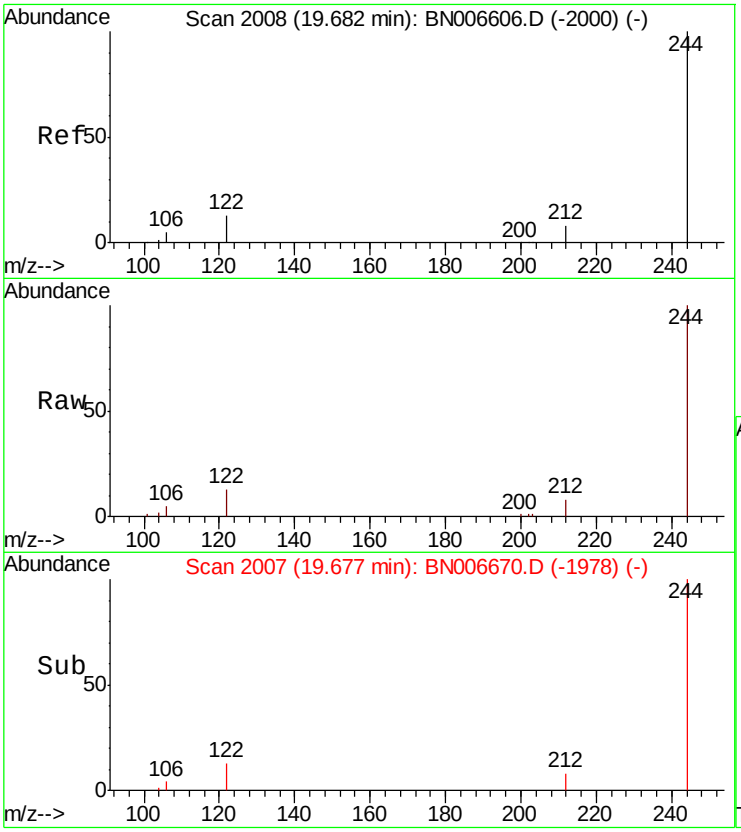


#28
Pyrene
Concen: 0.459 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:202 Resp: 29959

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1



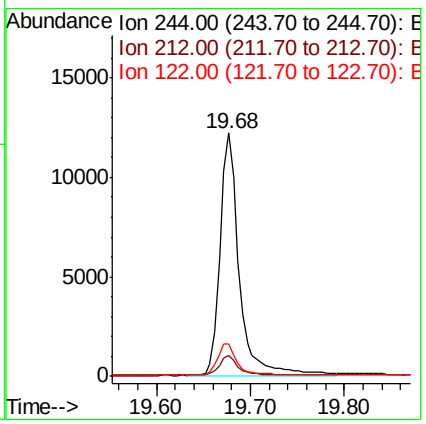


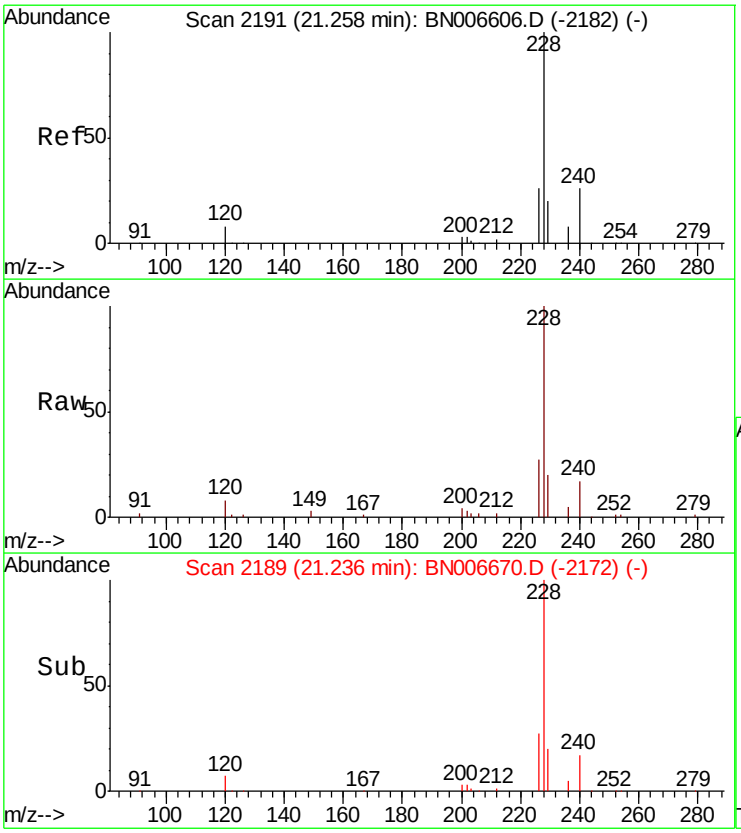
#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 17210

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	13.2	11.0	16.6

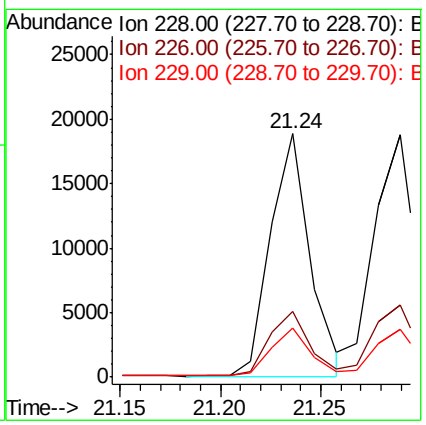


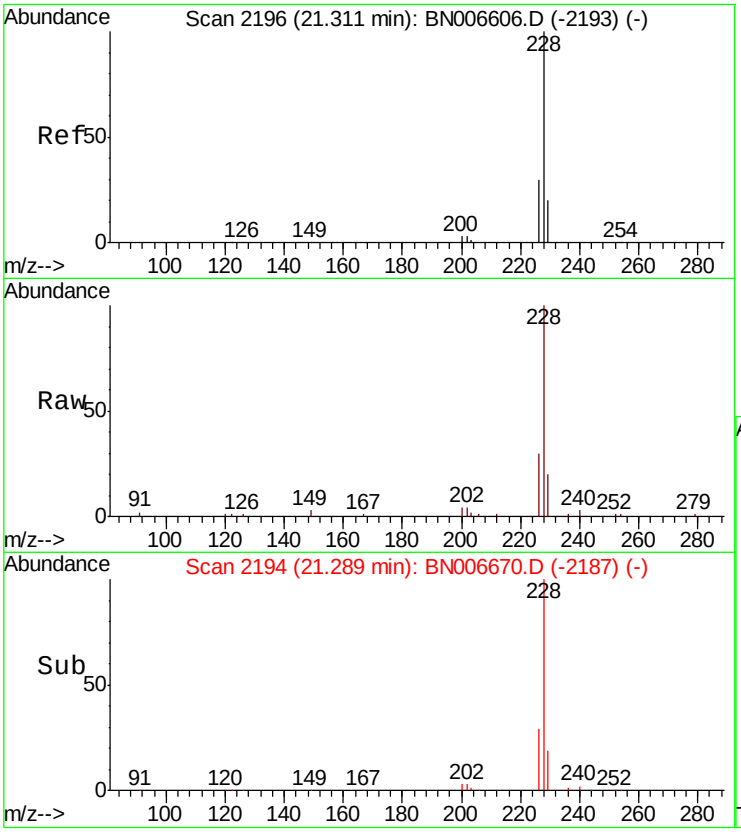


#30
Benzo(a)anthracene
Concen: 0.424 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:228 Resp: 25803

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.9	16.1	24.1



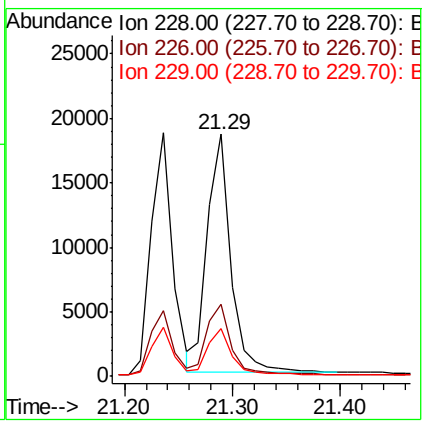


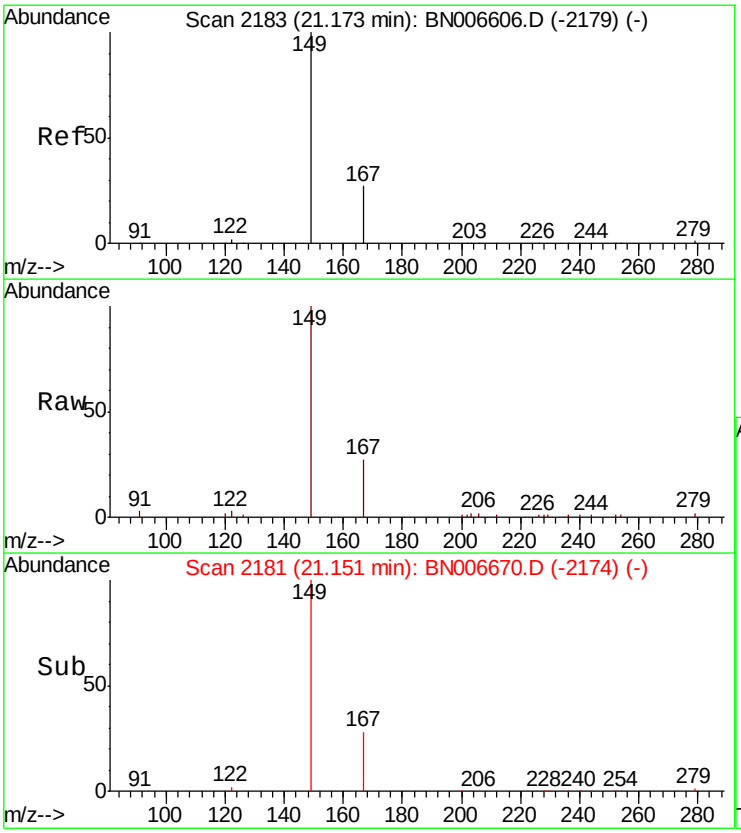
#31
Chrysene
Concen: 0.428 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 28082

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.8	15.9	23.9

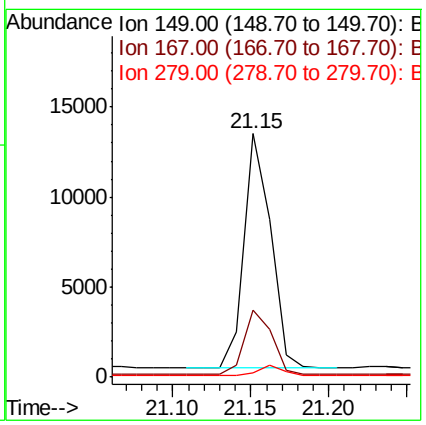


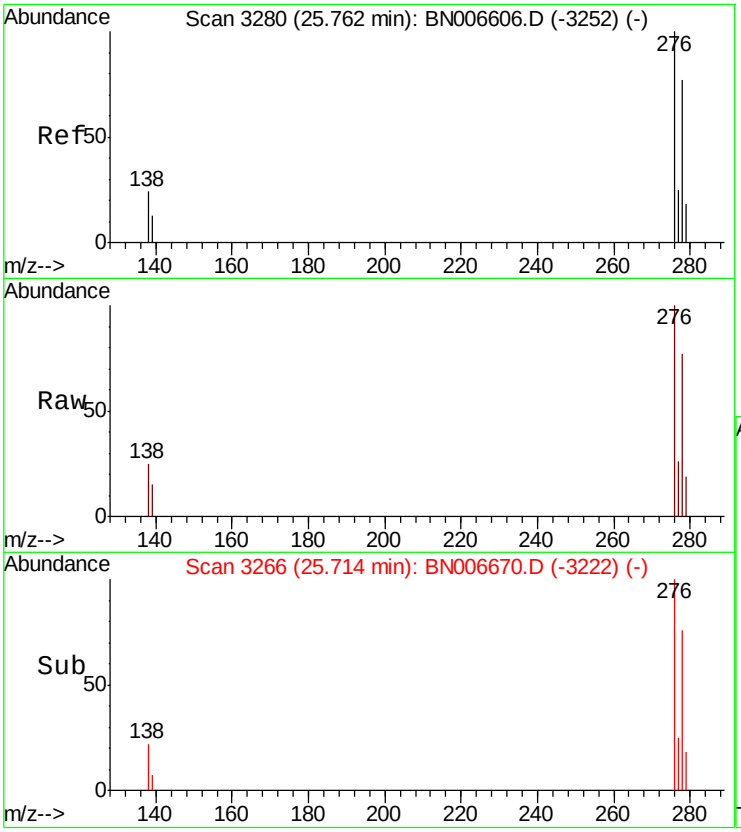


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.502 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:149 Resp: 15388

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	4.1	3.3	4.9



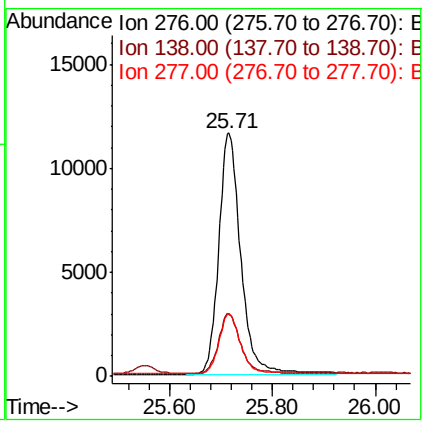


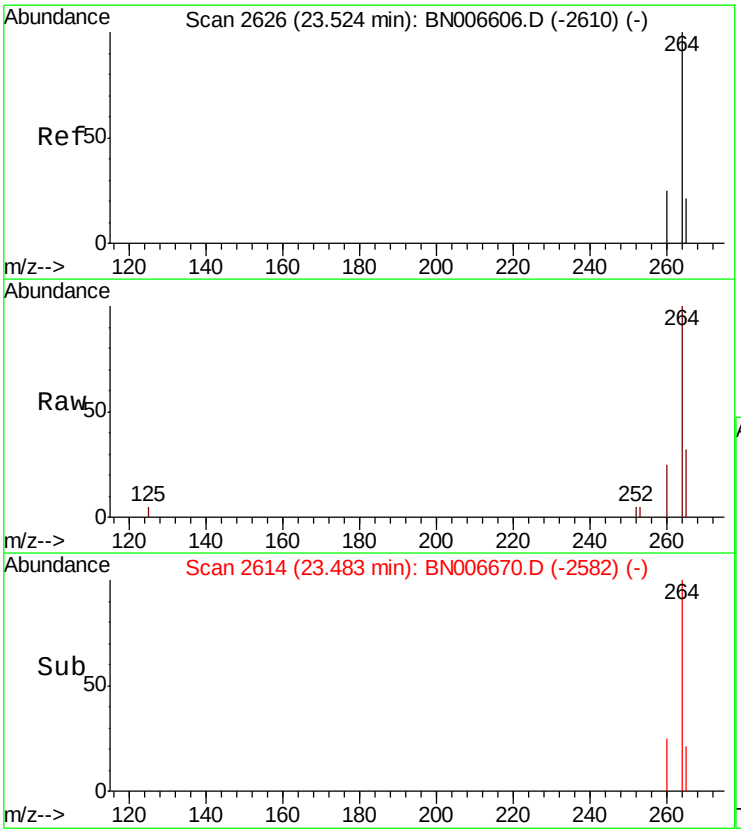
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.519 ng
RT: 25.71 min Scan# 3266
Delta R.T. -0.05 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 34523

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	24.4	19.9	29.9

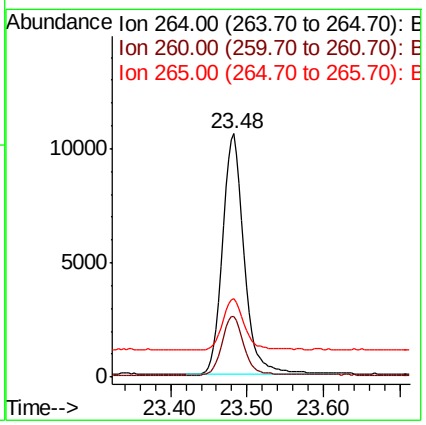


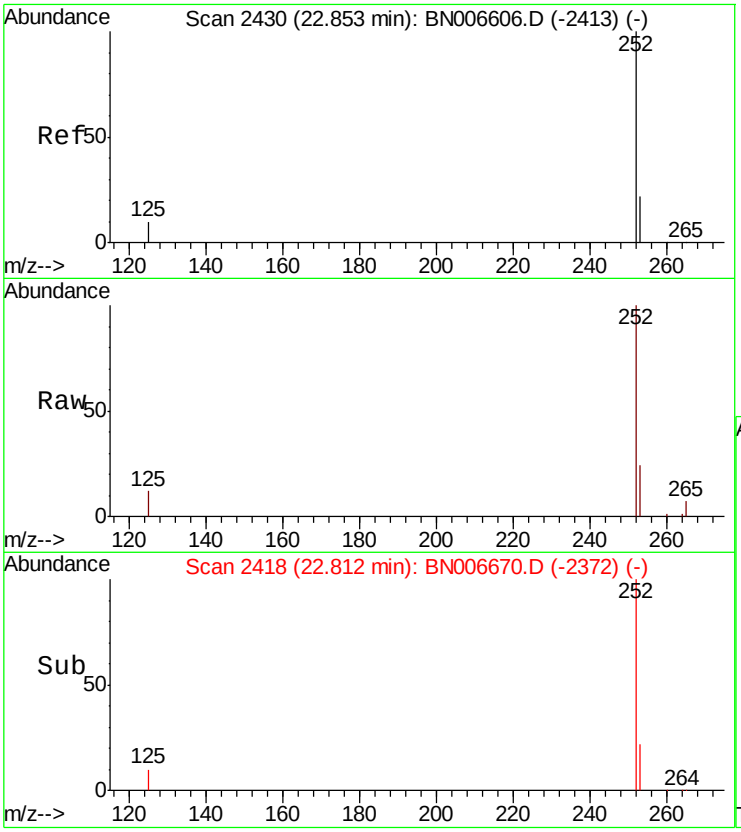


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2614
Delta R.T. -0.04 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:264 Resp: 21185

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	32.1	23.3	34.9



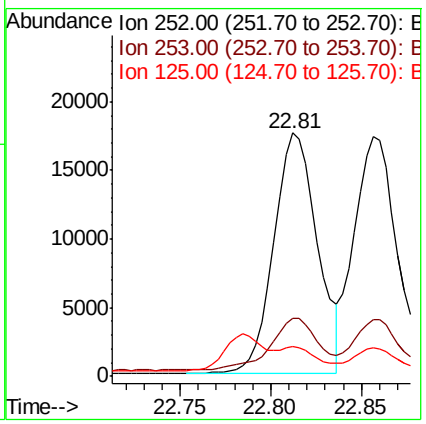


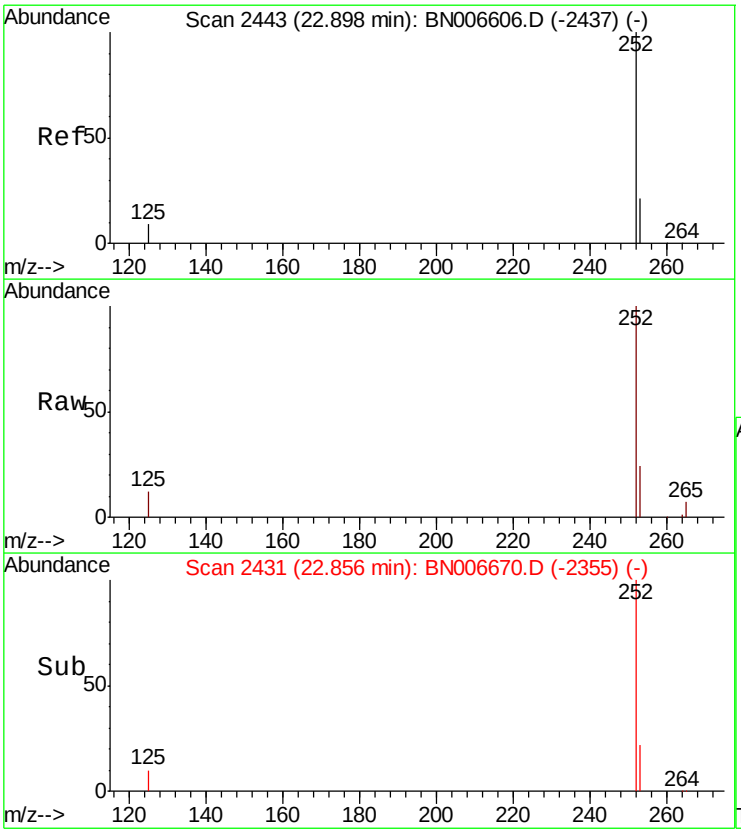
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.04 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 29104

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	12.1	8.7	13.1

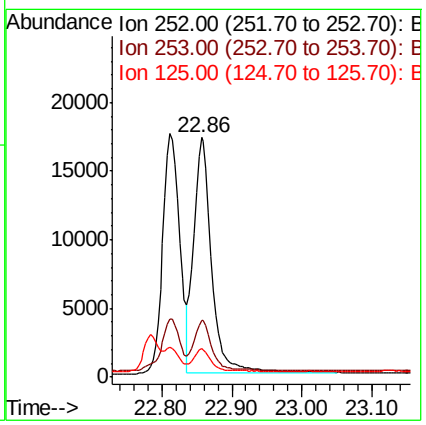


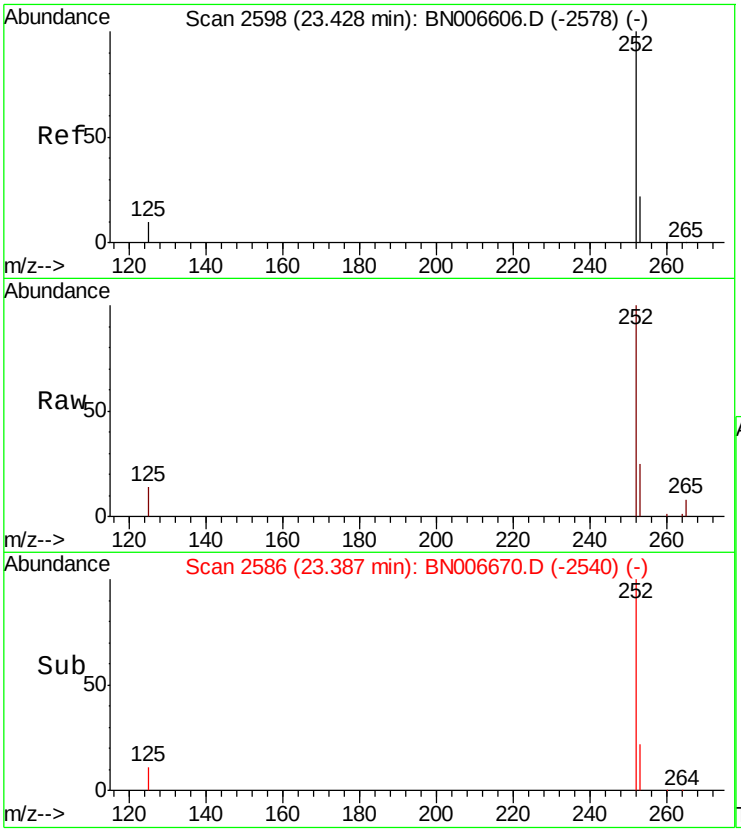


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.04 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:252 Resp: 30680

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	11.9	8.4	12.6



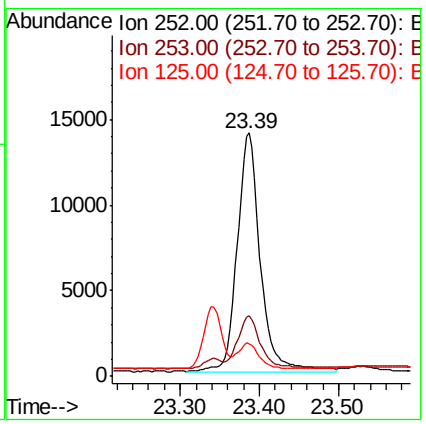


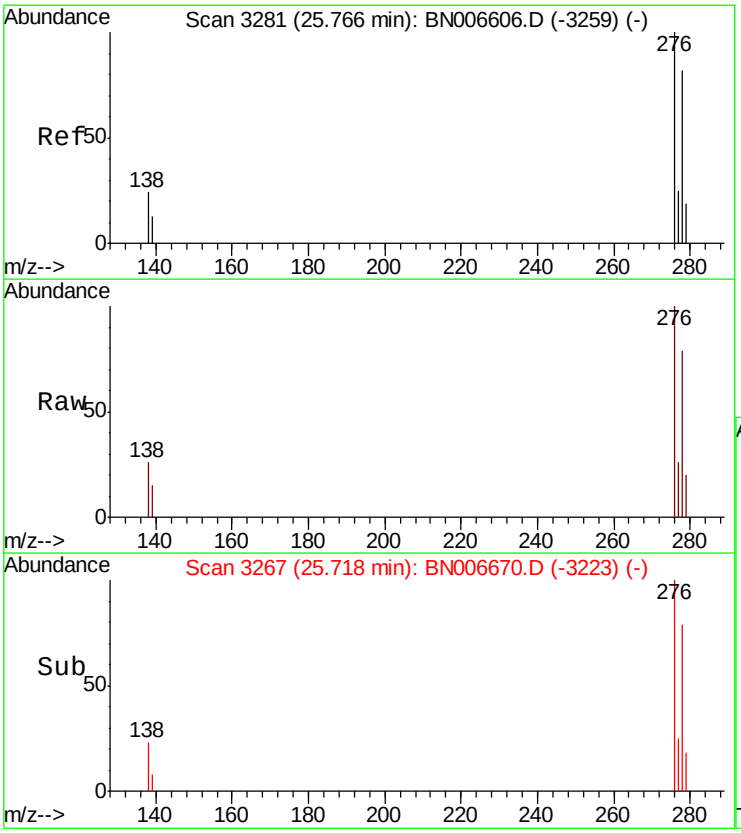
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.39 min Scan# 2586
Delta R.T. -0.04 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28362

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.8	28.2
125	13.5	9.4	14.2

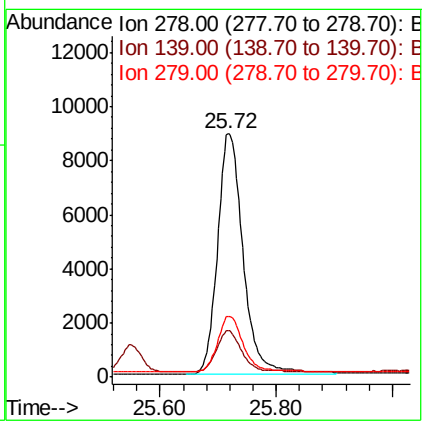


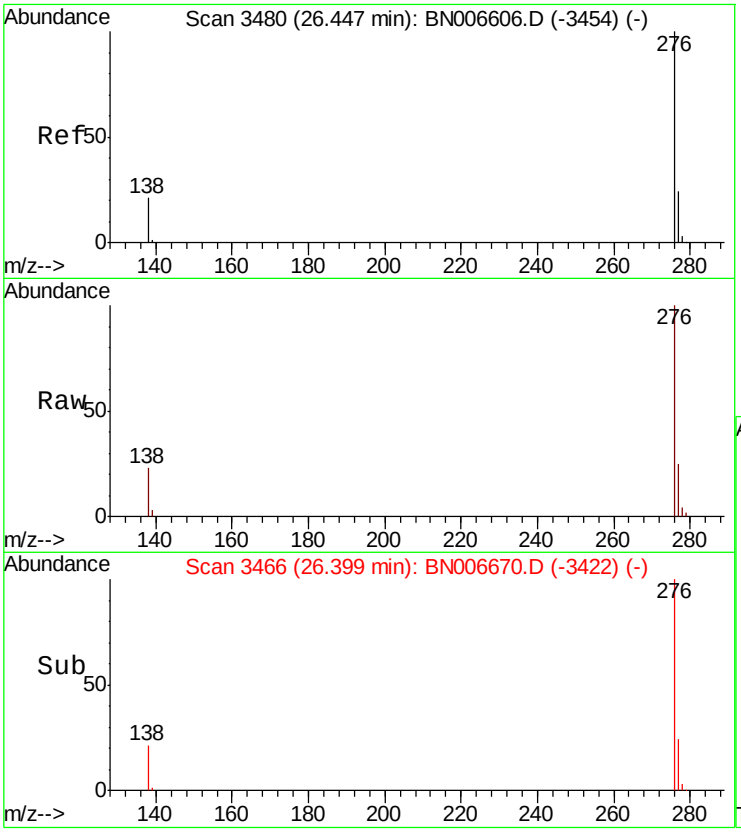


#38
Dibenzo(a,h)anthracene
Concen: 0.467 ng
RT: 25.72 min Scan# 3267
Delta R.T. -0.05 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Tgt Ion:278 Resp: 27483

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.5	20.3
279	25.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.480 ng
RT: 26.40 min Scan# 3466
Delta R.T. -0.05 min
Lab File: BN006670.D
Acq: 01 Jul 2019 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 28206

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	22.9	17.7	26.5