Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006686.D
Acq On : 02 Jul 2019 07:28
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 02 08:48:16 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	4364	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	17799	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	9520	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	20525	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	18589	0.40	ng		-0.01
34) Perylene-d12	23.49	264	21039	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	4842	0.45	ng		0.00
5) Phenol-d6	6.82	99	6416	0.45	ng		0.00
8) Nitrobenzene-d5	8.78	82	5225	0.44	ng		-0.01
11) 2-Methylnaphthalene-d10	11.99	152	11241	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2050	0.46	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	15630	0.44	ng		-0.01
25) Fluoranthene-d10	19.08	212	25390	0.42	ng		0.00
29) Terphenyl-d14	19.68	244	18262	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	2418	0.400	ng		98
3) n-Nitrosodimethylamine	3.50	42	1816	0.383	ng	#	99
6) bis(2-Chloroethyl)ether	7.06	93	4839	0.383	ng		90
9) Naphthalene	10.44	128	19778	0.423	ng		100
10) Hexachlorobutadiene	10.72	225	4136	0.430	ng	#	100
12) 2-Methylnaphthalene	12.07	142	13166	0.407	ng		99
16) Acenaphthylene	13.99	152	23678	0.522	ng		99
17) Acenaphthene	14.33	154	13581	0.454	ng		98
18) Fluorene	15.32	166	16870	0.447	ng		98
20) 4-Bromophenyl-phenylether	16.22	248	5039	0.443	ng		90
21) Hexachlorobenzene	16.34	284	6137	0.427	ng		99
22) Pentachlorophenol	16.72	266	1393	0.617	ng		94
23) Phenanthrene	17.07	178	25074	0.430	ng		100
24) Anthracene	17.16	178	22704	0.448	ng		99
26) Fluoranthene	19.11	202	29878	0.421	ng		100
28) Pyrene	19.47	202	31222	0.480	ng		99
30) Benzo(a)anthracene	21.24	228	28368	0.467	ng		96
31) Chrysene	21.29	228	27657	0.422	ng		96
32) Bis(2-ethylhexyl)phthalate	21.16	149	21504	0.703	ng		100
33) Indeno(1,2,3-cd)pyrene	25.73	276	34671	0.523	ng		99
35) Benzo(b)fluoranthene	22.83	252	29548	0.413	ng	#	94
36) Benzo(k)fluoranthene	22.87	252	29365	0.385	ng	#	94
37) Benzo(a)pyrene	23.40	252	28756	0.430	ng	#	93
38) Dibenzo(a,h)anthracene	25.73	278	27746	0.475	ng	#	94
39) Benzo(g,h,i)perylene	26.42	276	28684	0.492	ng		96

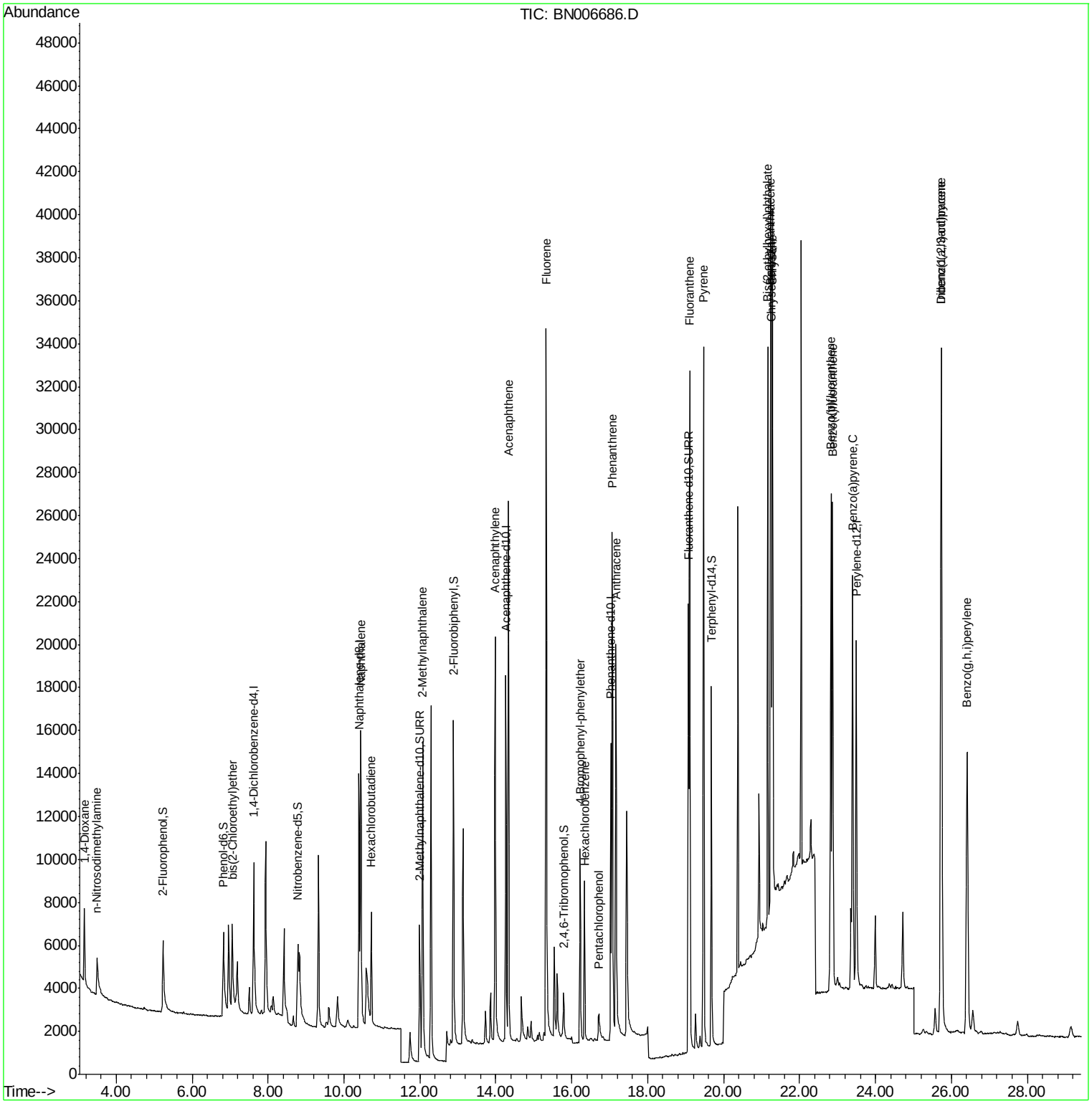
(#) = qualifier out of range (m) = manual integration (+) = signals summed

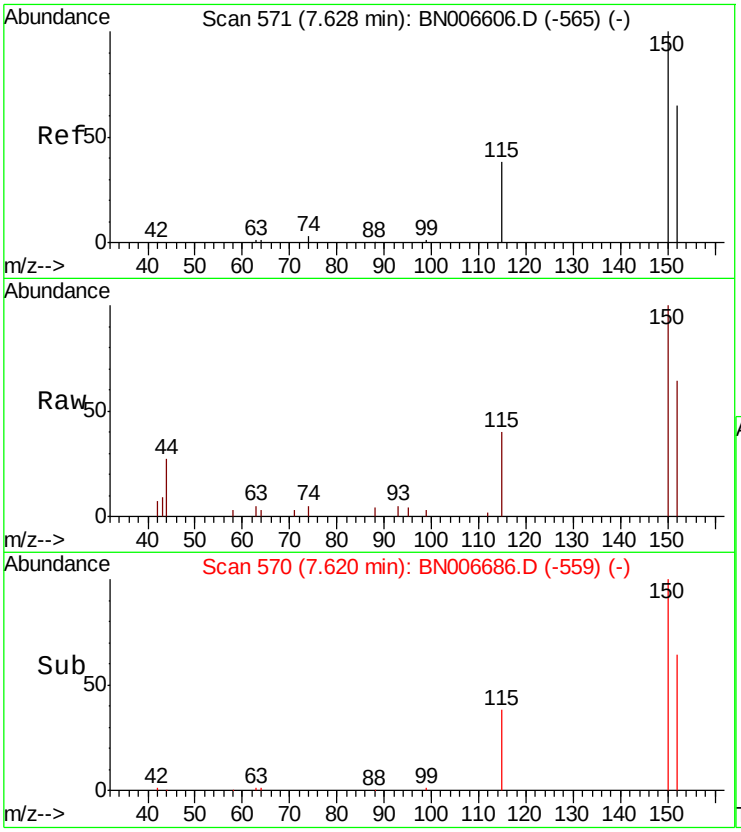
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006686.D
Acq On : 02 Jul 2019 07:28
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 02 08:48:16 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



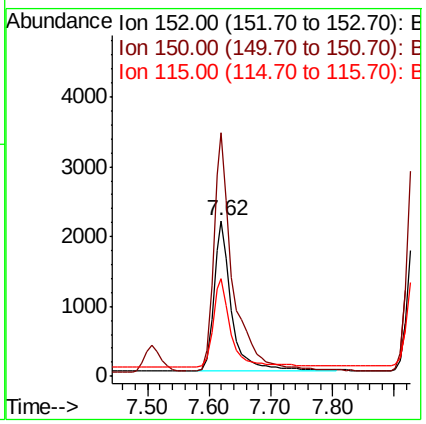


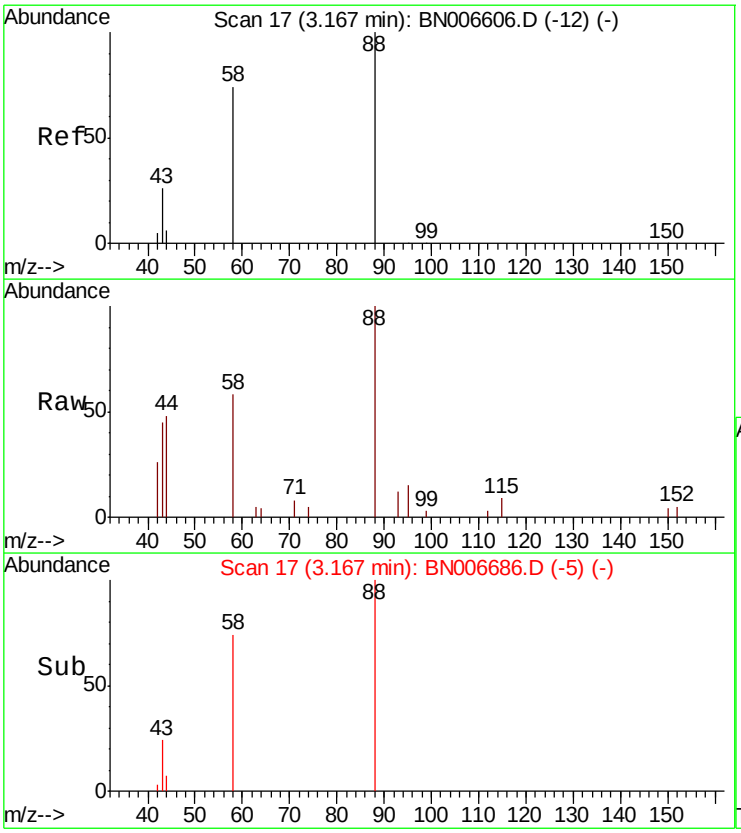
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4364

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.2	183.2
115	63.2	50.0	75.0

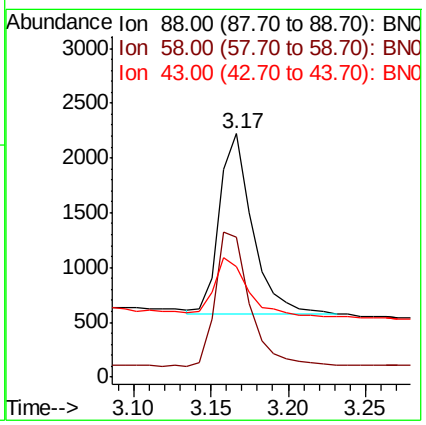


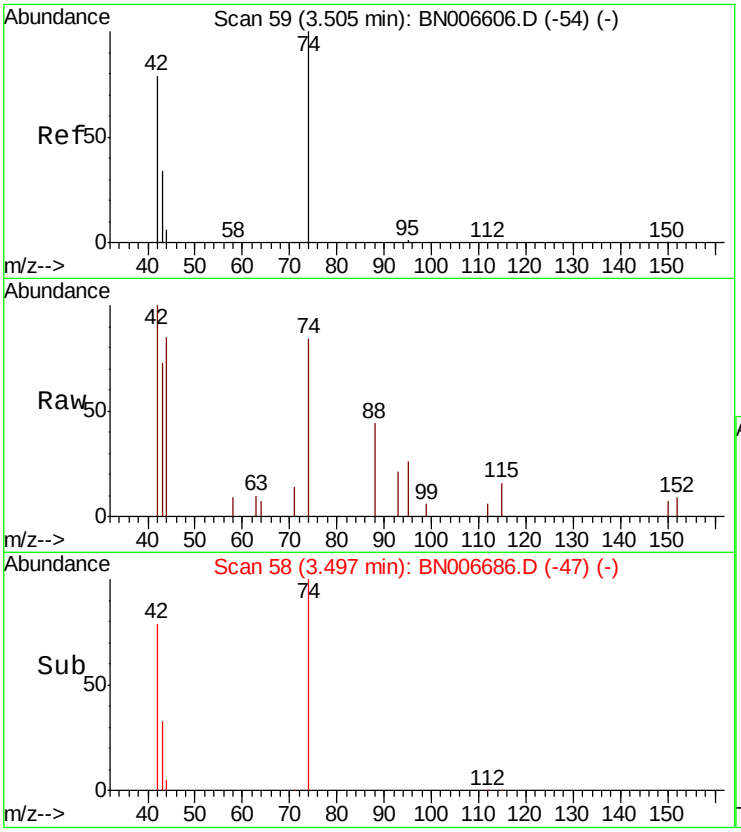


#2
1,4-Dioxane
Concen: 0.400 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion: 88 Resp: 2418

Ion	Ratio	Lower	Upper
88	100		
58	78.7	62.5	93.7
43	34.3	25.4	38.0



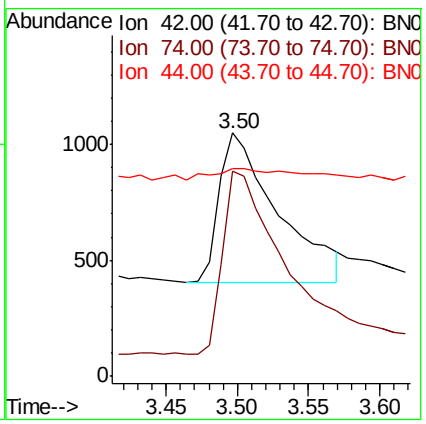


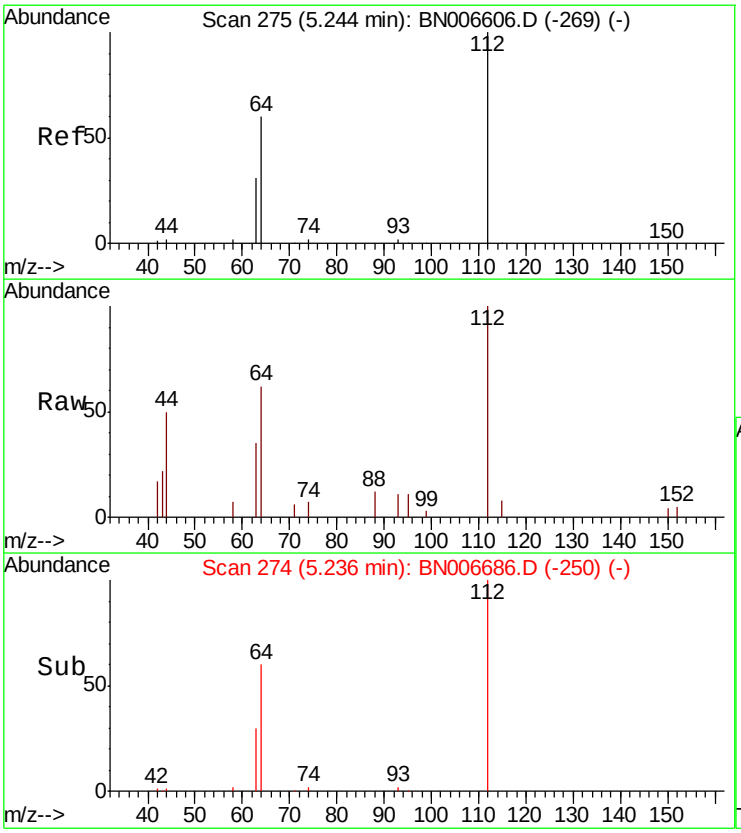
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.50 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1816

Ion	Ratio	Lower	Upper
42	100		
74	128.6	103.1	154.7
44	11.0	3.4	5.2#

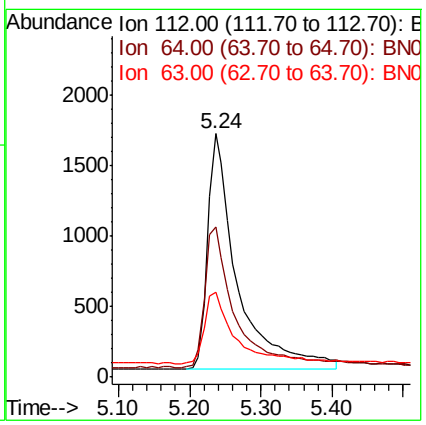


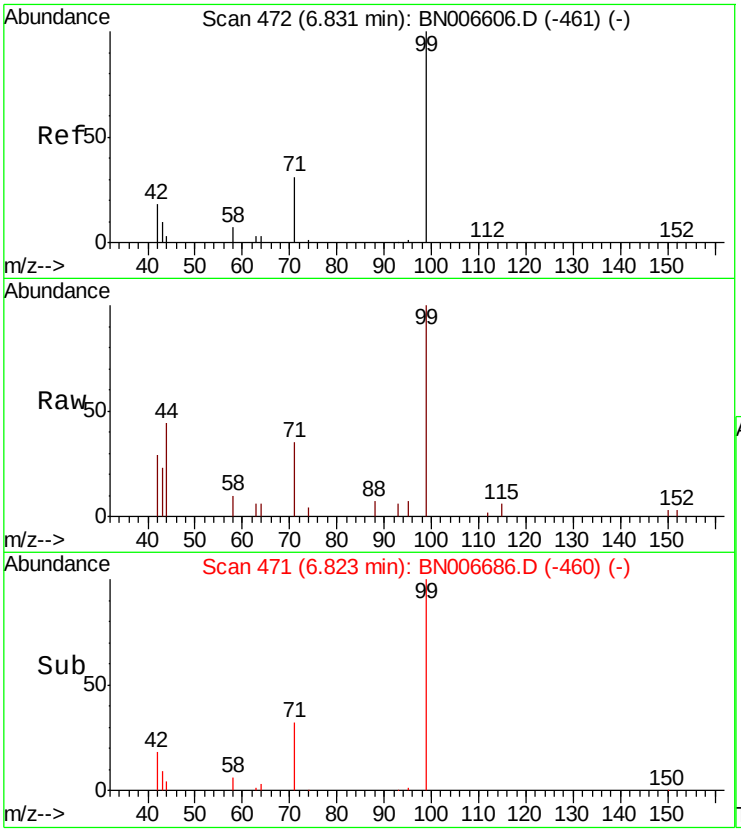


#4
2-Fluorophenol
Concen: 0.452 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:112 Resp: 4842

Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.9	73.3
63	31.6	24.3	36.5



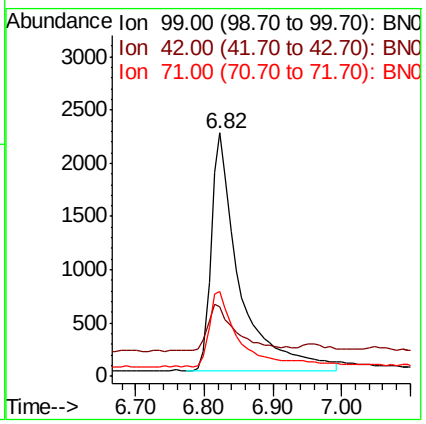


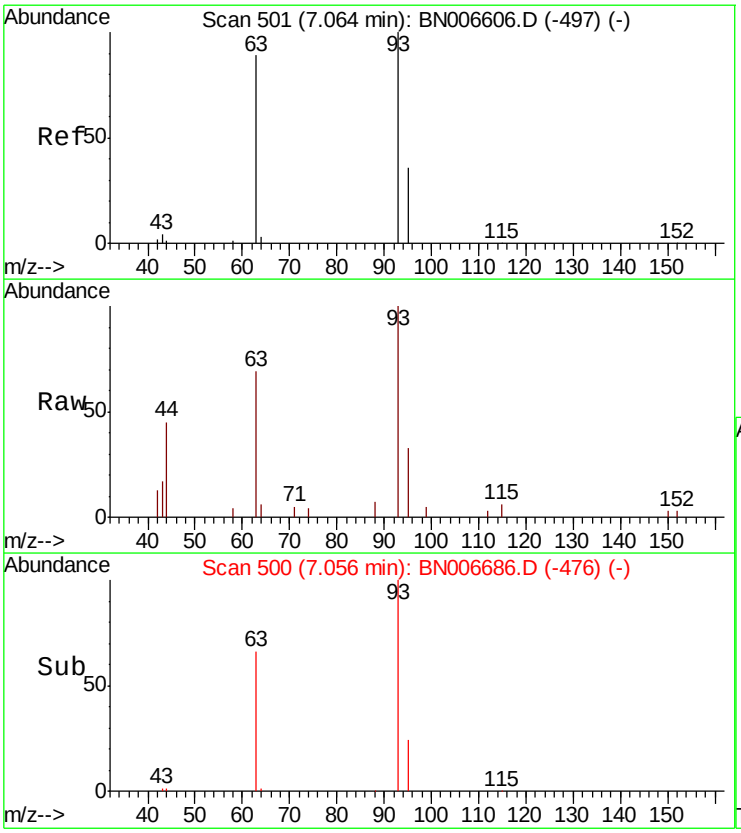
#5
Phenol-d6
Concen: 0.453 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6416

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.4	24.6
71	33.1	26.6	40.0

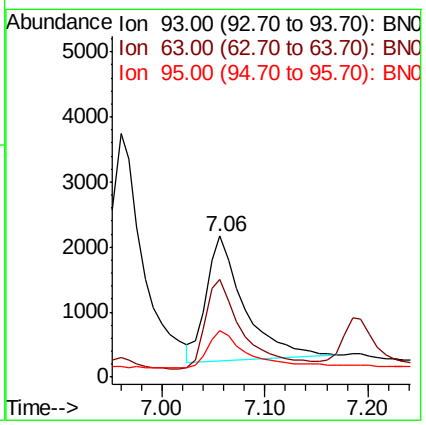


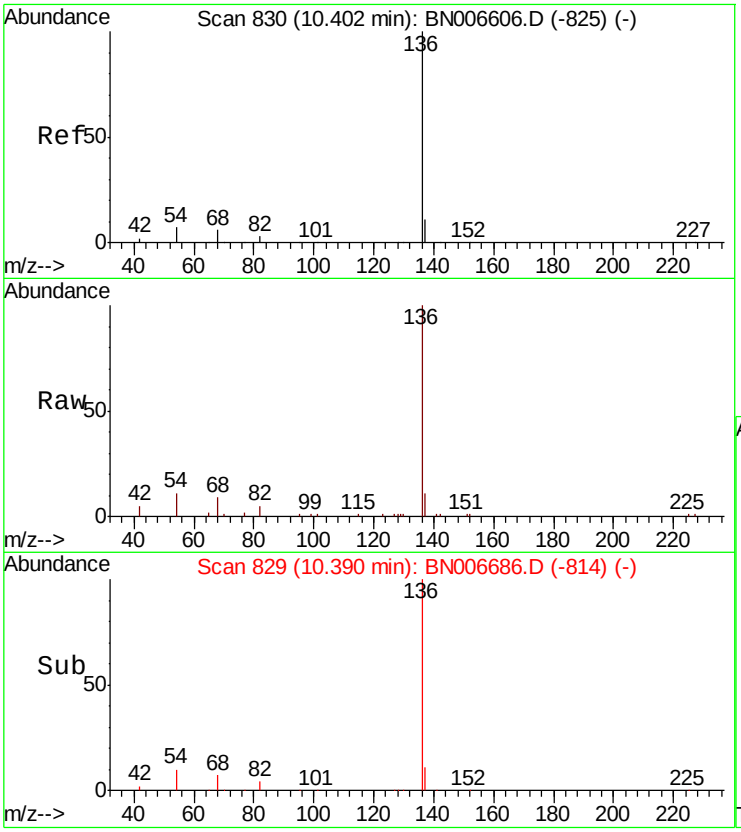


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion: 93 Resp: 4839

Ion	Ratio	Lower	Upper
93	100		
63	74.5	52.5	78.7
95	34.3	24.2	36.4



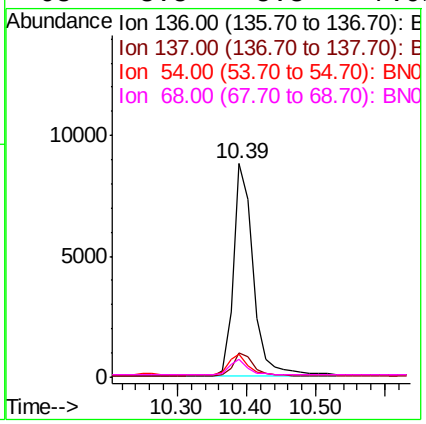


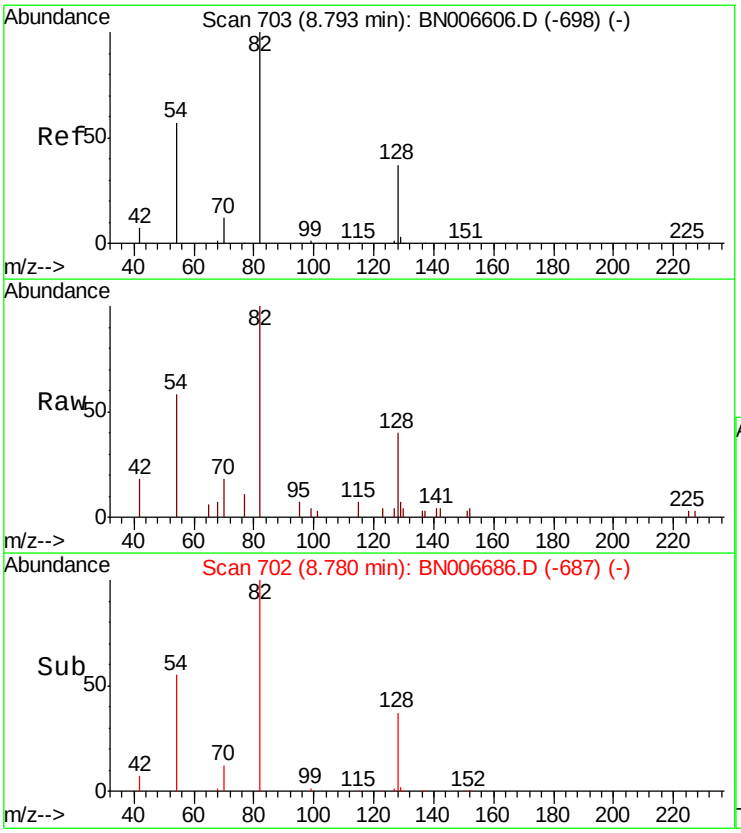
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 17799

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	10.7	6.7	10.1#
68	8.5	5.3	7.9#

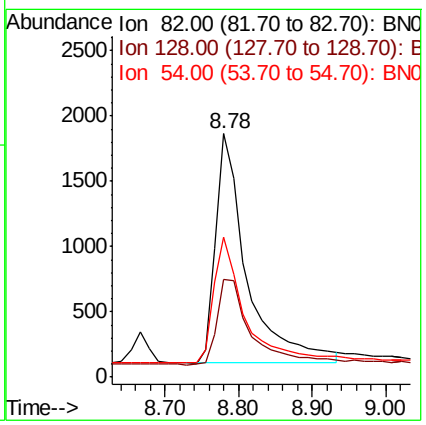


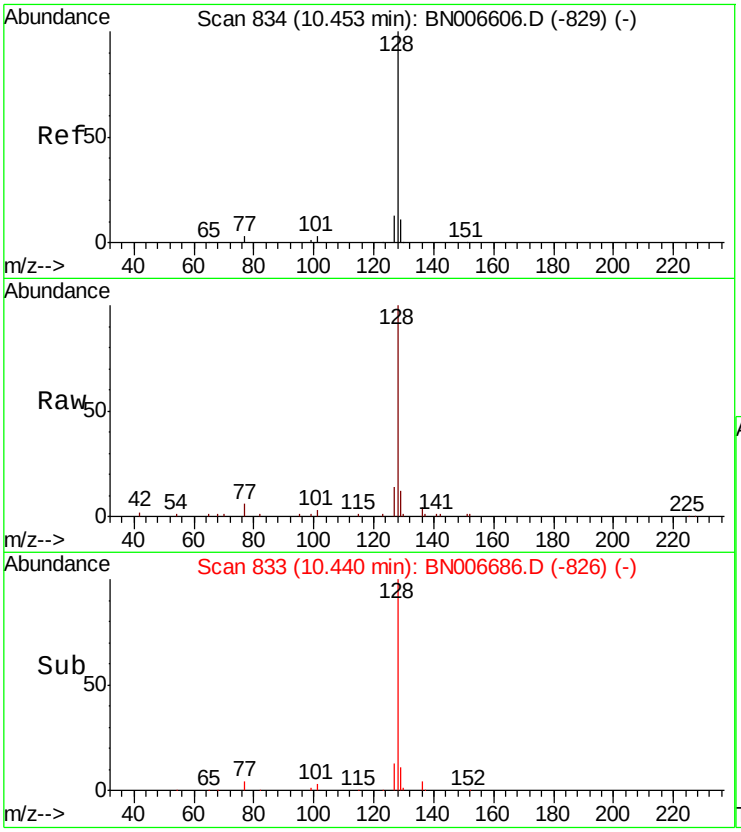


#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion: 82 Resp: 5225

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.6	49.0
54	57.5	48.2	72.4



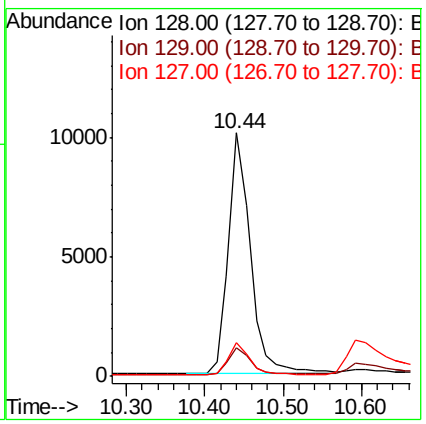


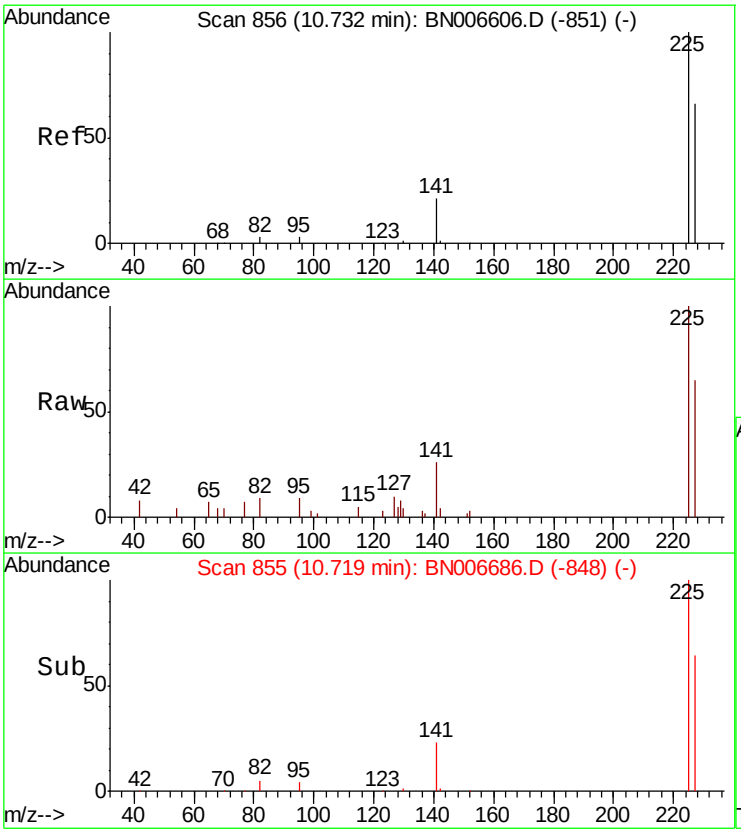
#9
Naphthalene
Concen: 0.423 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19778

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.6	10.8	16.2

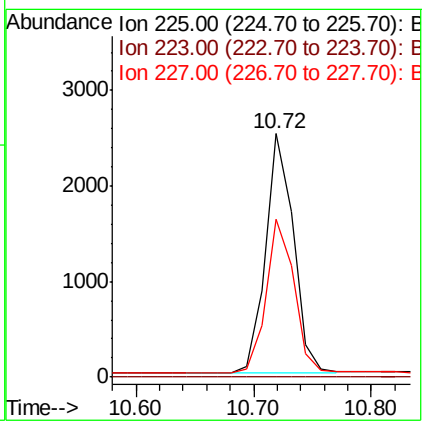


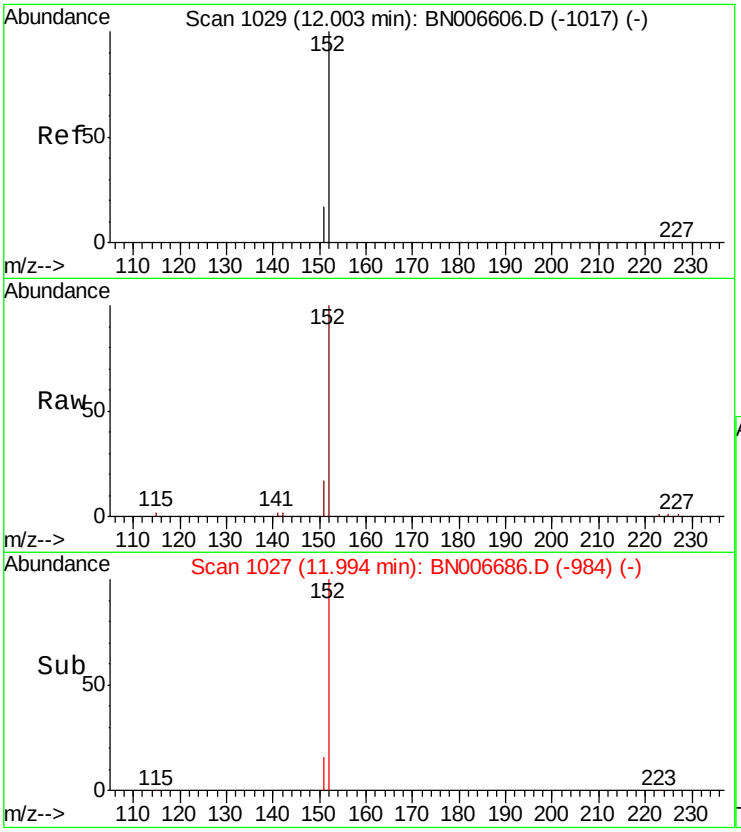


#10
Hexachlorobutadiene
Concen: 0.430 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:225 Resp: 4136

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



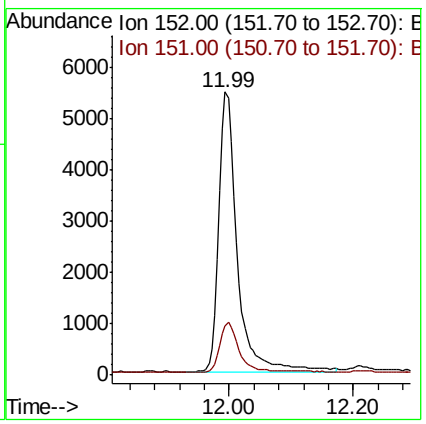


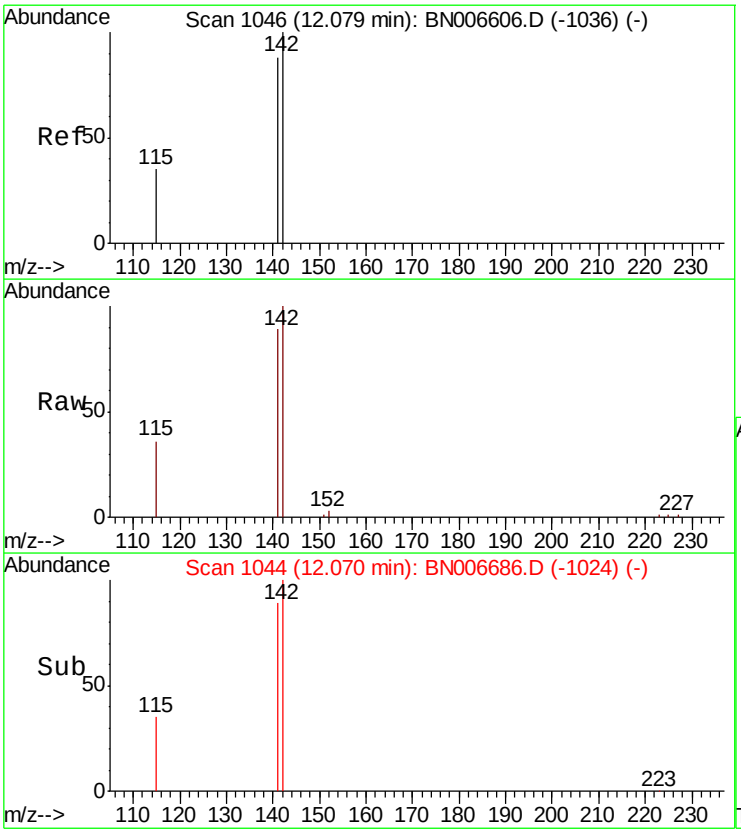
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11241

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.4

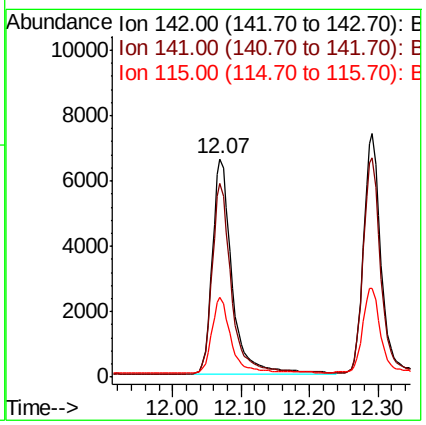


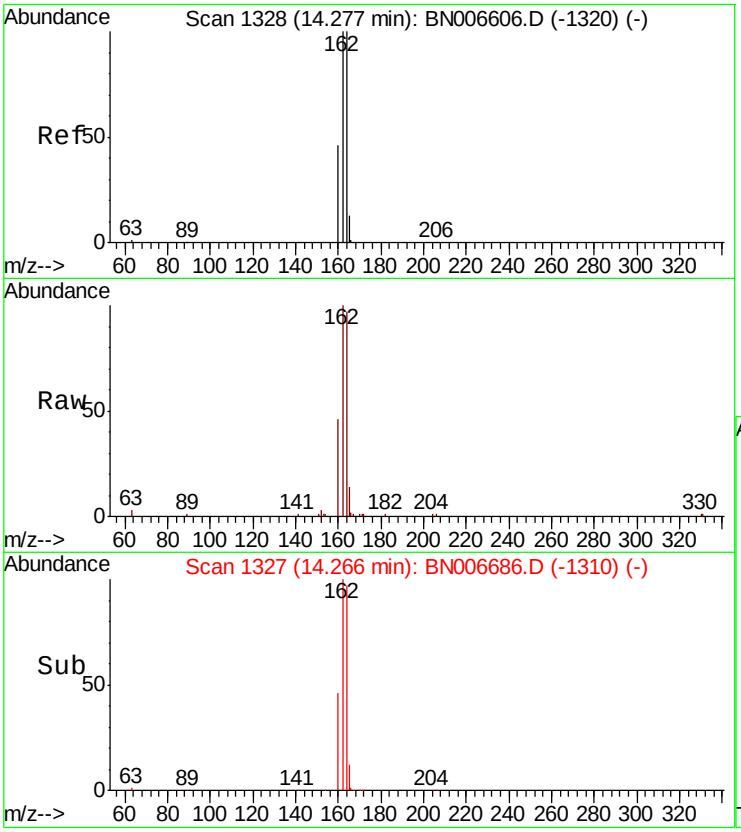


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:142 Resp: 13166

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	36.3	28.5	42.7



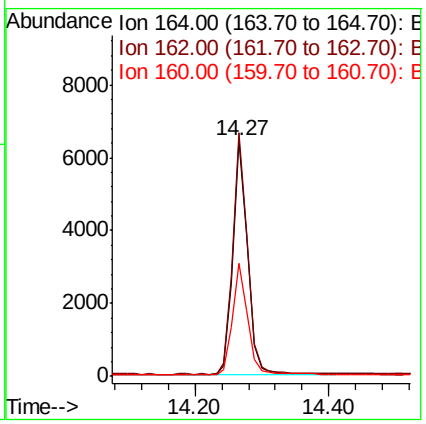


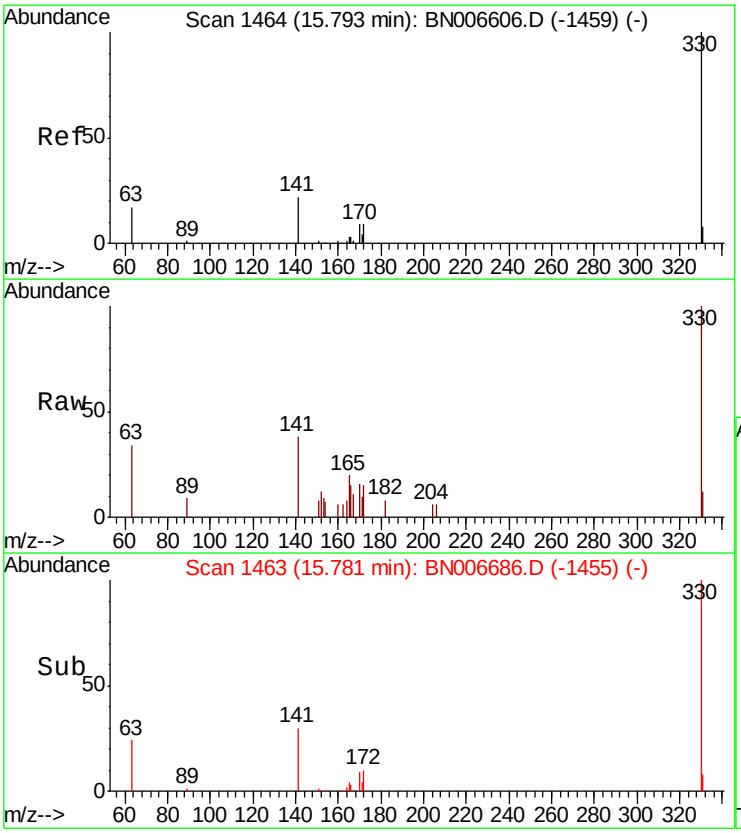
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9520

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.0	120.0
160	47.8	37.0	55.4

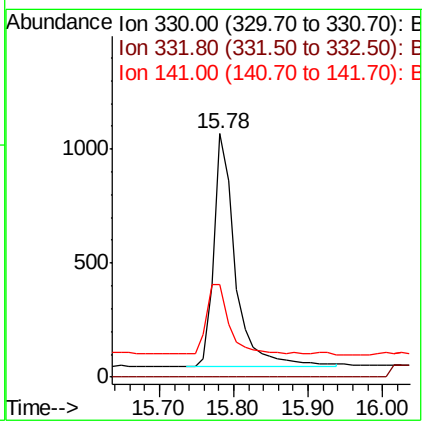


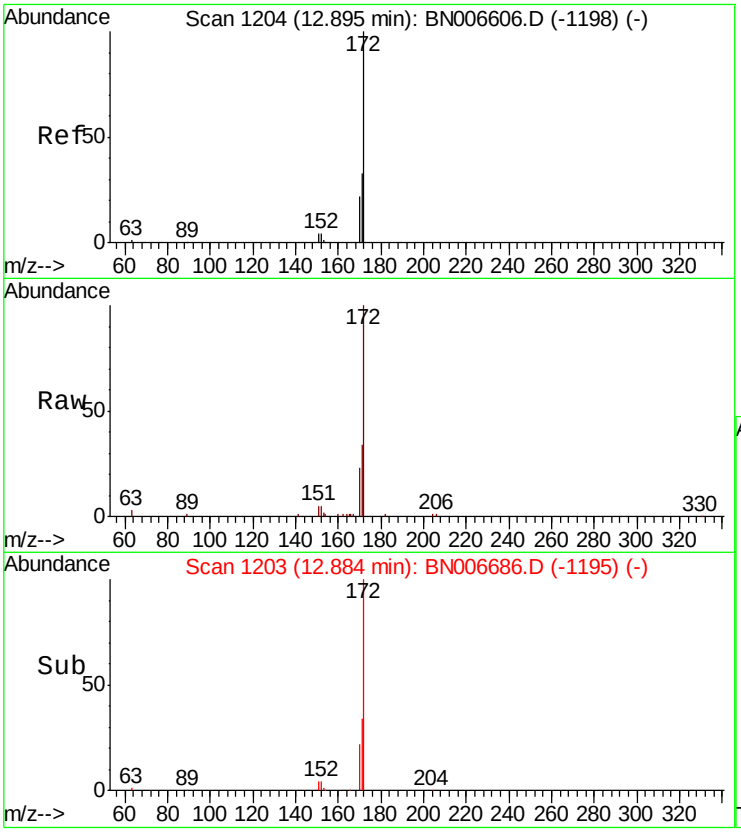


#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:330 Resp: 2050

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.5	26.5	39.7



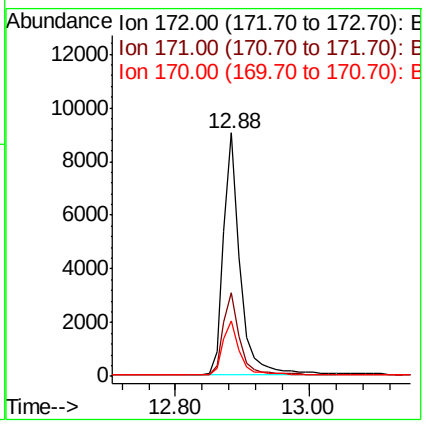


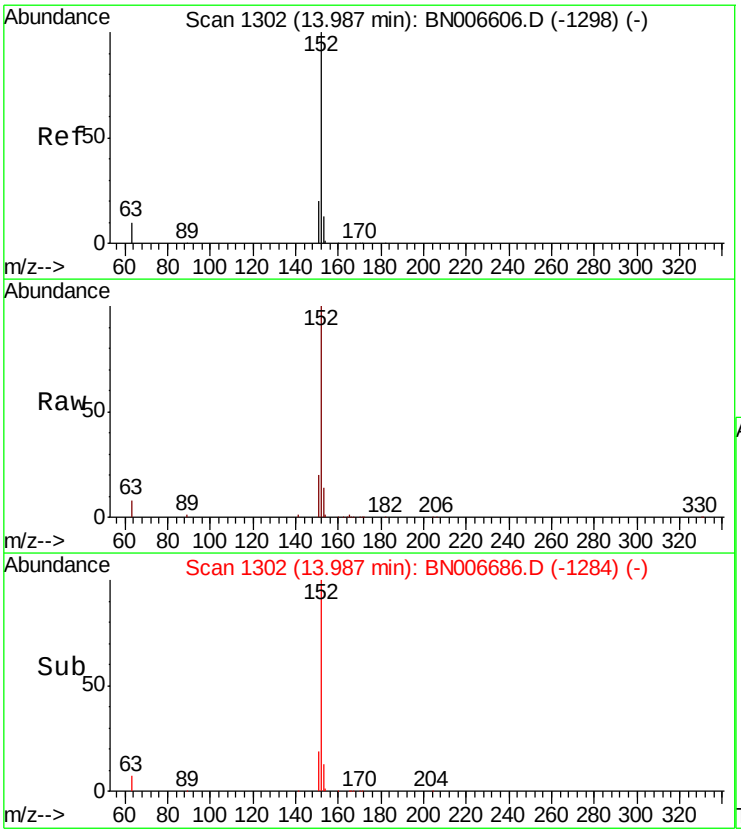
#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15630

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.0	40.4
170	22.6	17.7	26.5

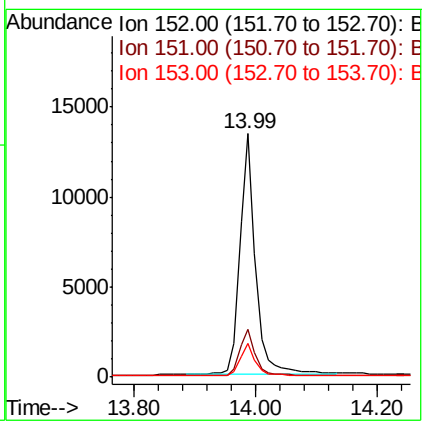


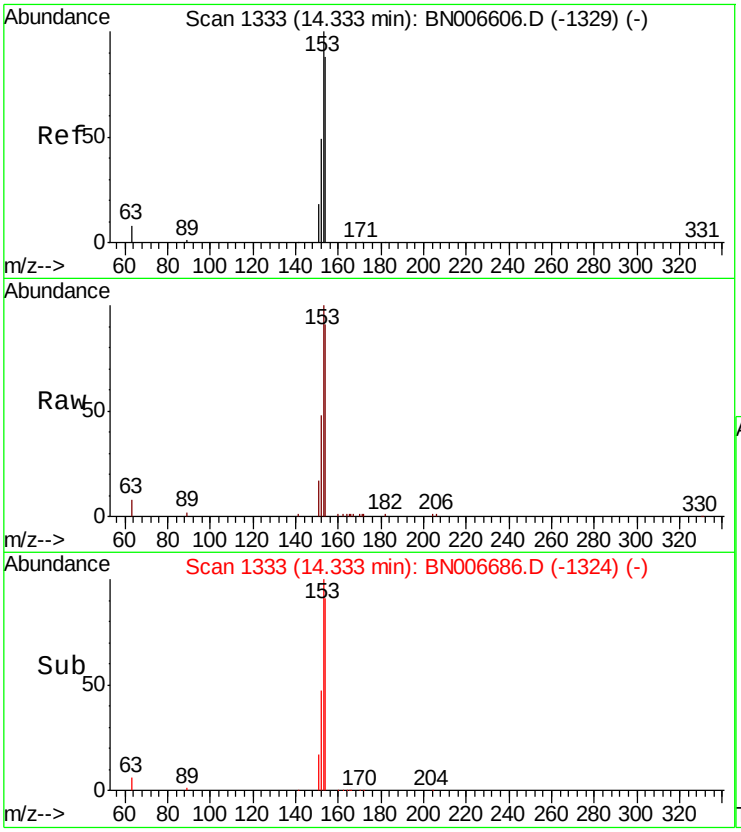


#16
Acenaphthylene
Concen: 0.522 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:152 Resp: 23678

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.6	23.4
153	13.0	10.5	15.7



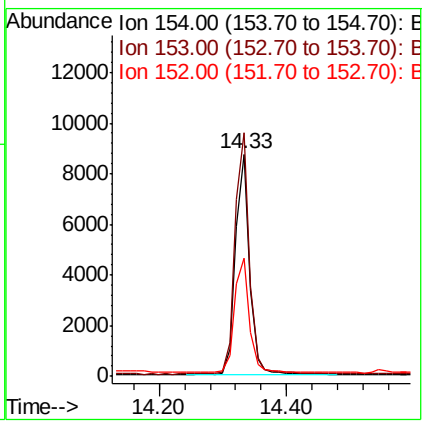


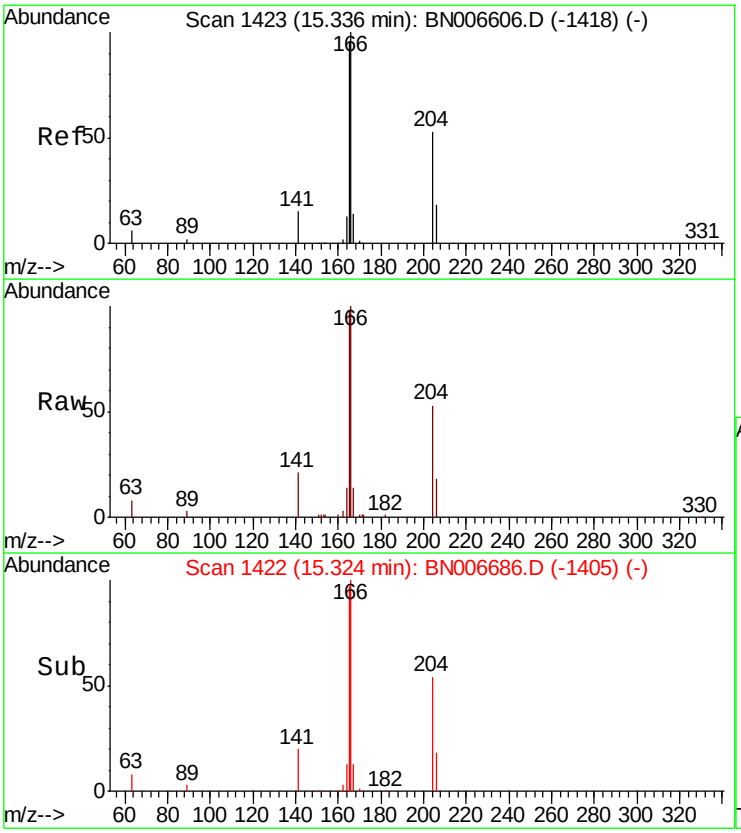
#17
Acenaphthene
Concen: 0.454 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 13581

Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.2	135.4
152	54.3	44.2	66.4

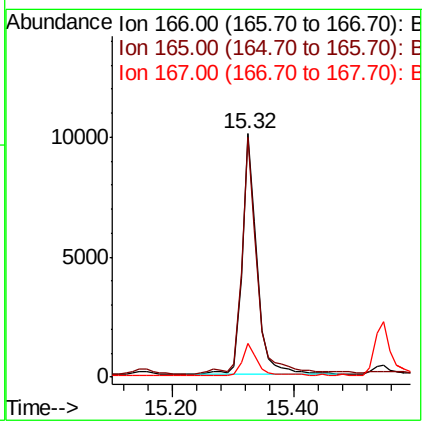


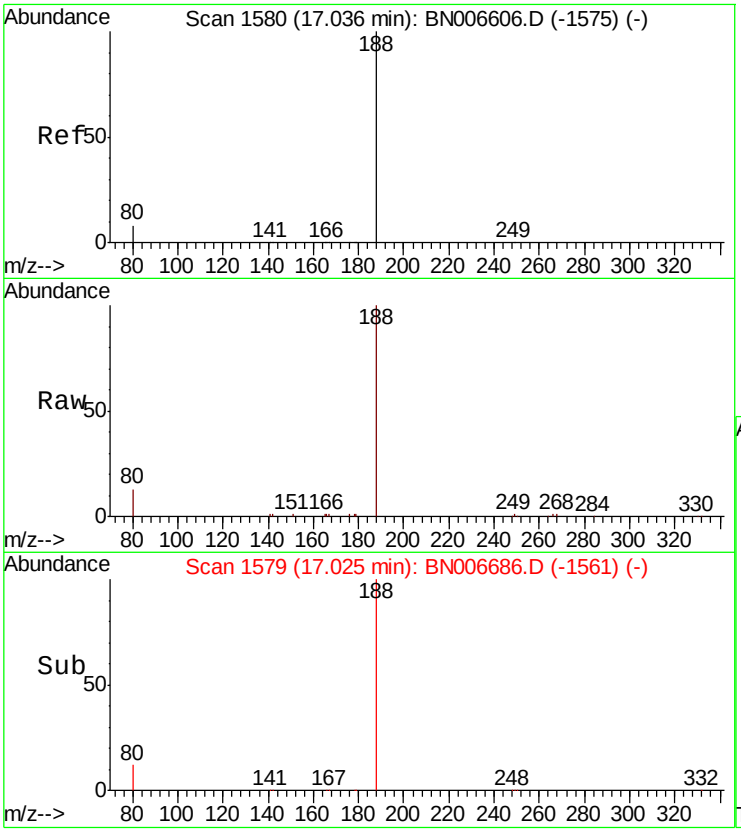


#18
Fluorene
Concen: 0.447 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:166 Resp: 16870

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.4	117.6
167	13.3	10.8	16.2



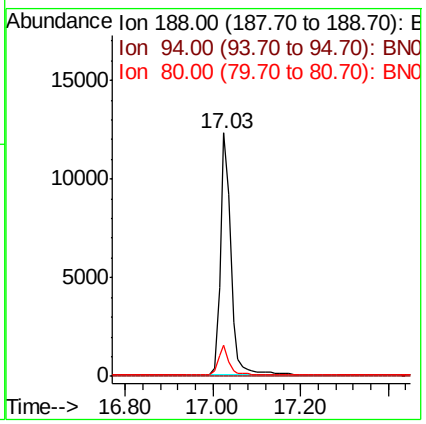


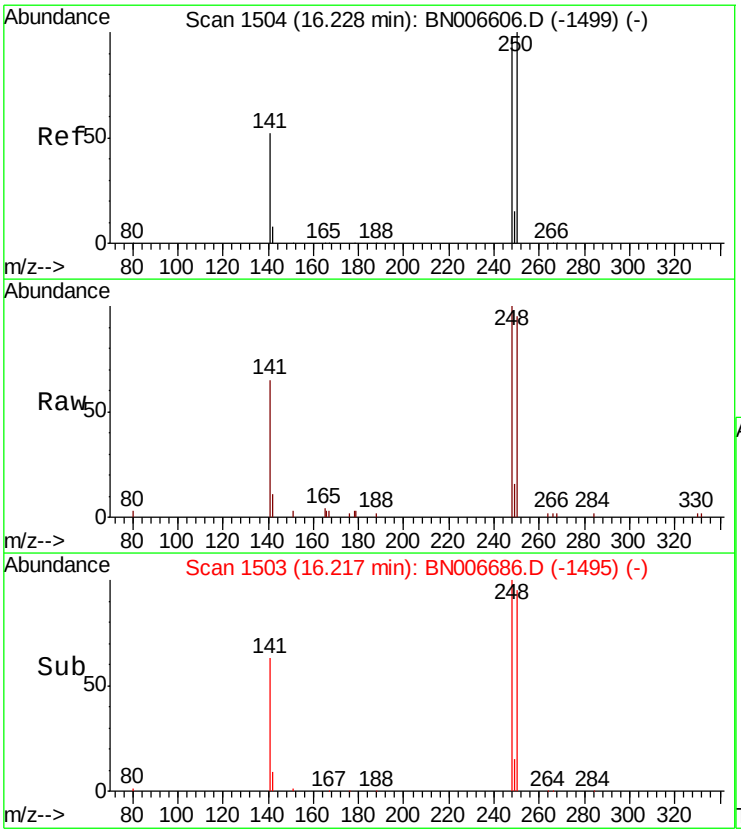
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20525

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

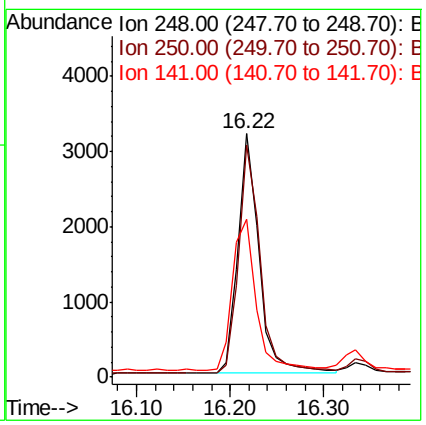


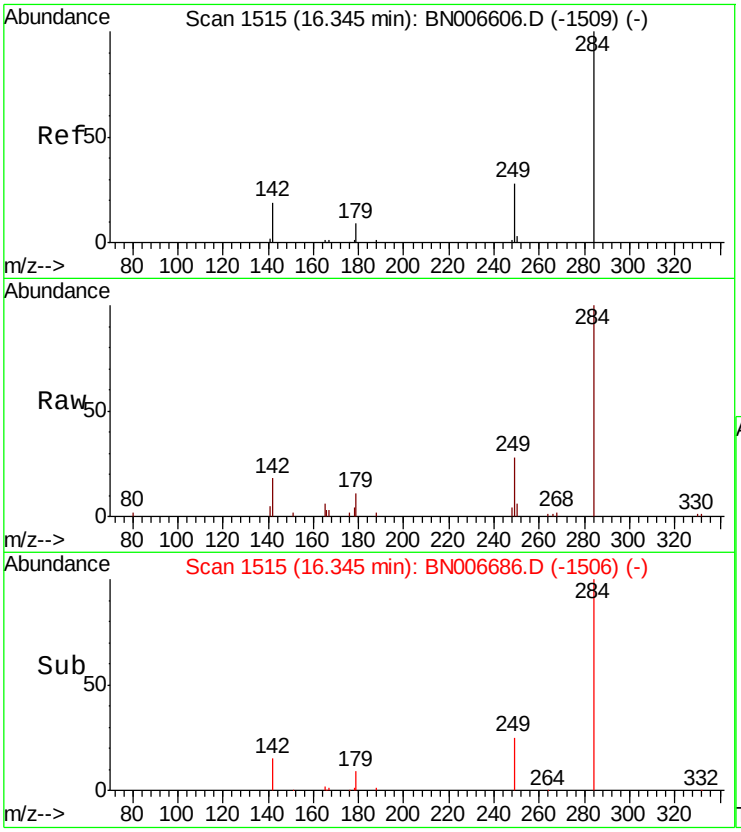


#20
4-Bromophenyl-phenylether
Concen: 0.443 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:248 Resp: 5039

Ion	Ratio	Lower	Upper
248	100		
250	95.5	82.2	123.4
141	64.9	43.8	65.8



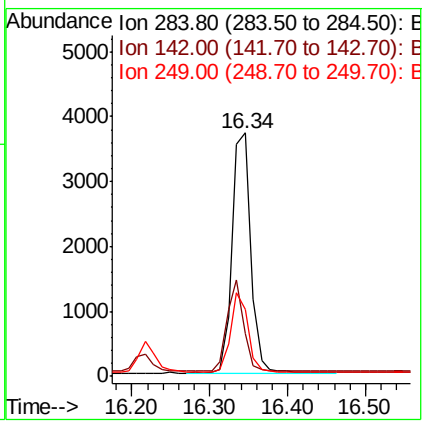


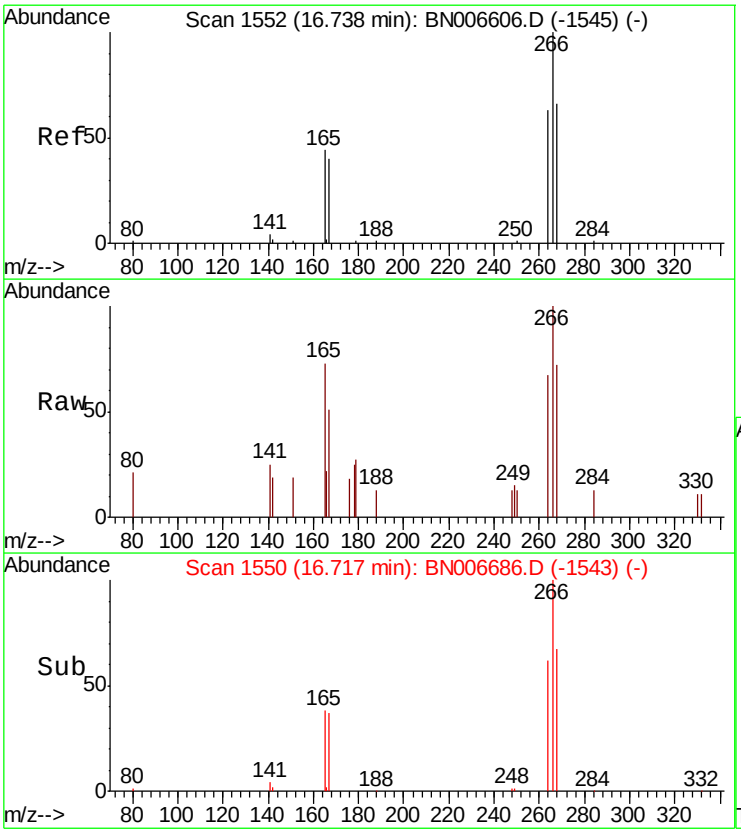
#21
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6137

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.5	41.3
249	31.0	24.7	37.1

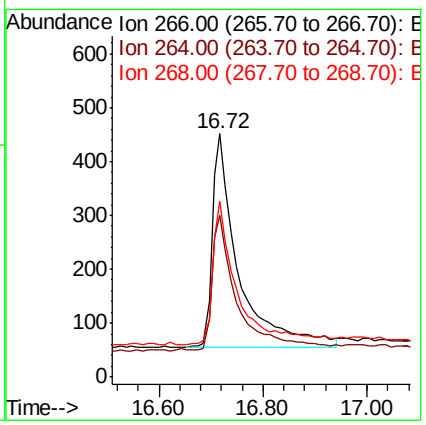


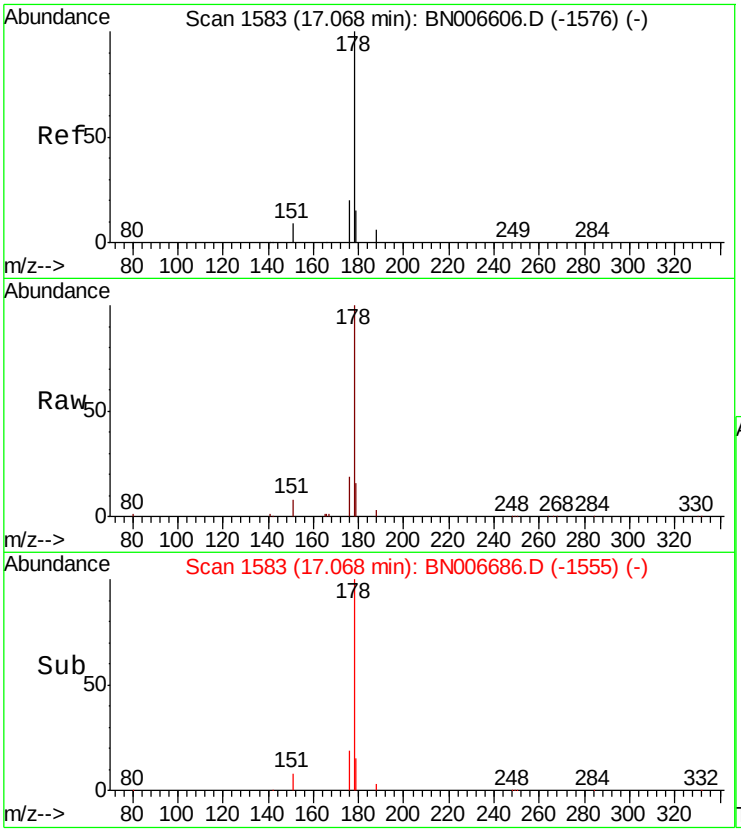


#22
Pentachlorophenol
Concen: 0.617 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:266 Resp: 1393

Ion	Ratio	Lower	Upper
266	100		
264	66.6	56.2	84.4
268	72.1	63.0	94.4



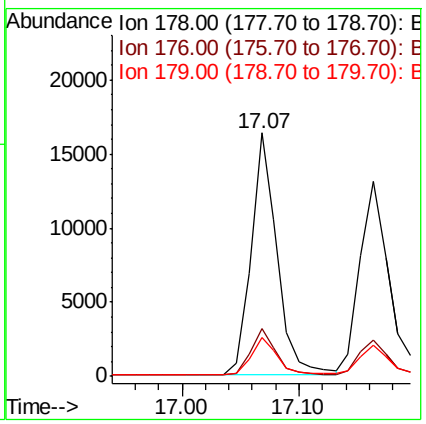


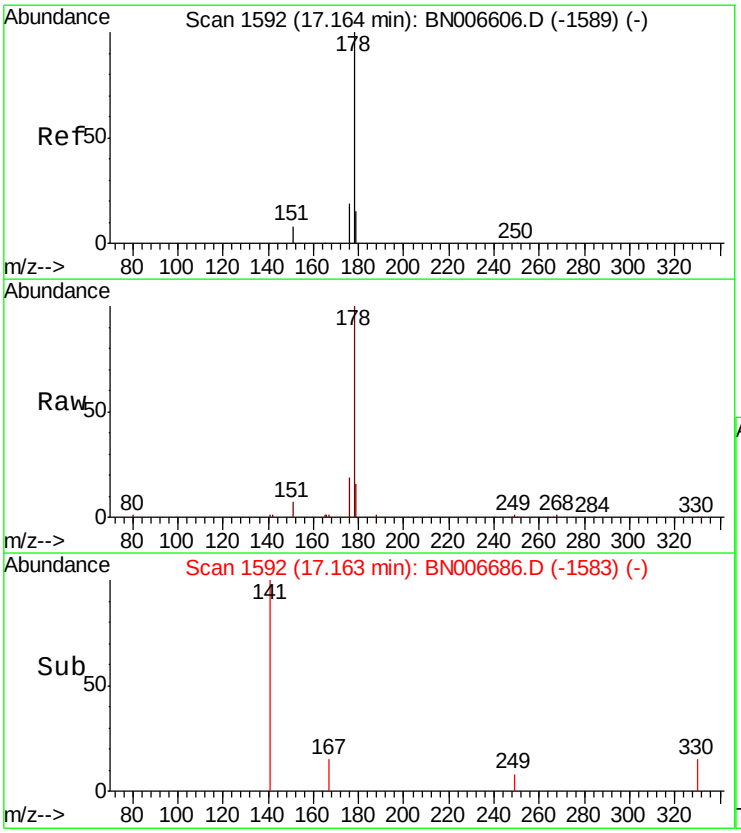
#23
Phenanthrene
Concen: 0.430 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 25074

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.2	18.4

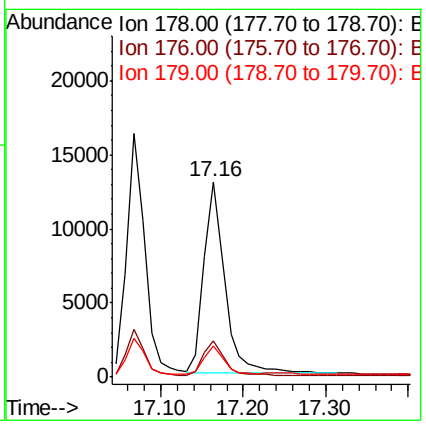


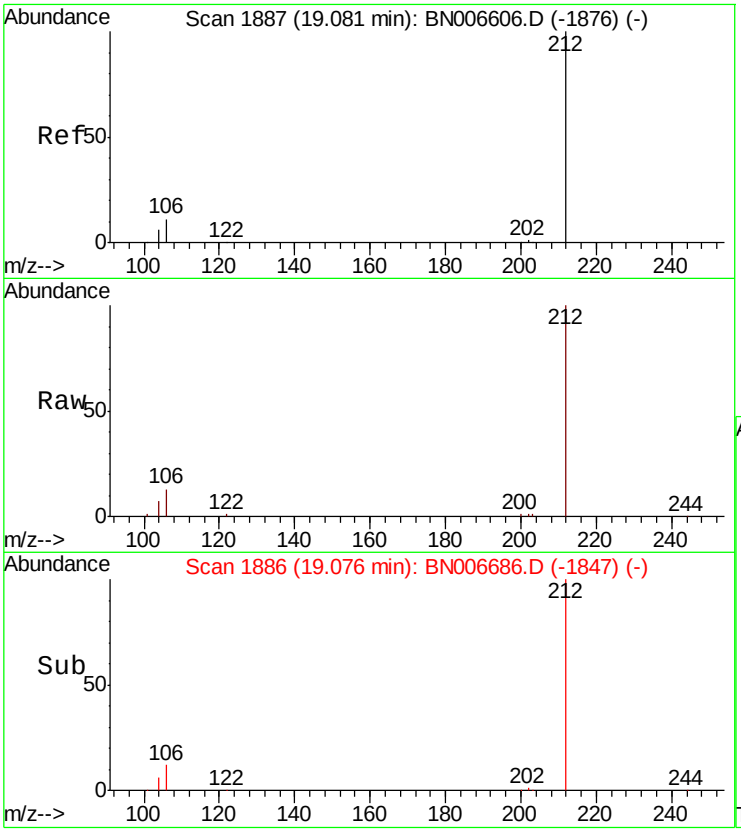


#24
Anthracene
Concen: 0.448 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:178 Resp: 22704

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	14.3	12.2	18.2



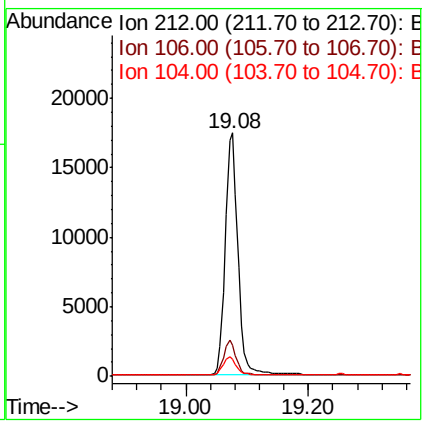


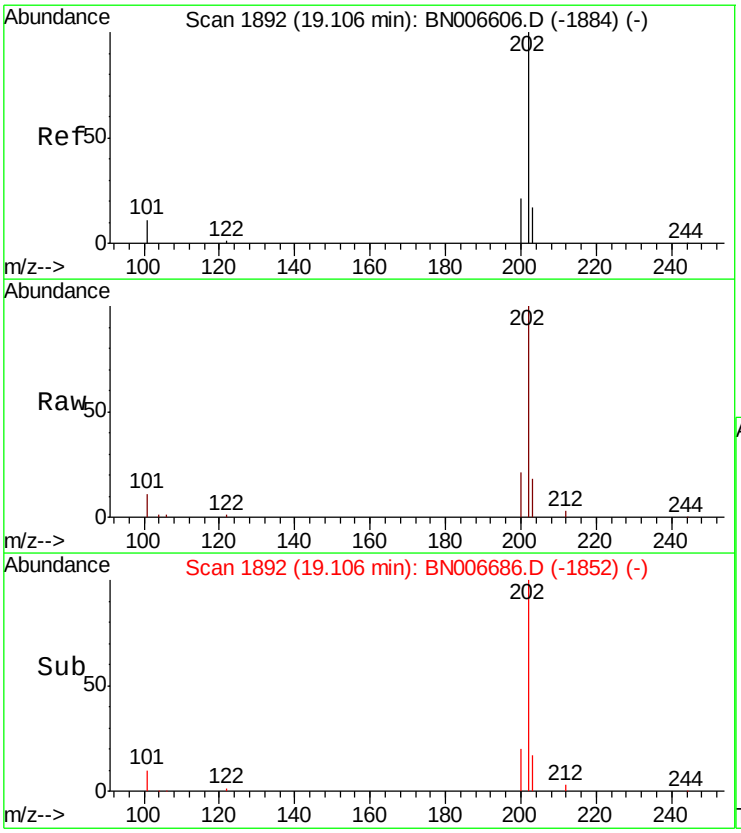
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 25390

Ion	Ratio	Lower	Upper
212	100		
106	14.0	10.6	15.8
104	7.4	5.8	8.6

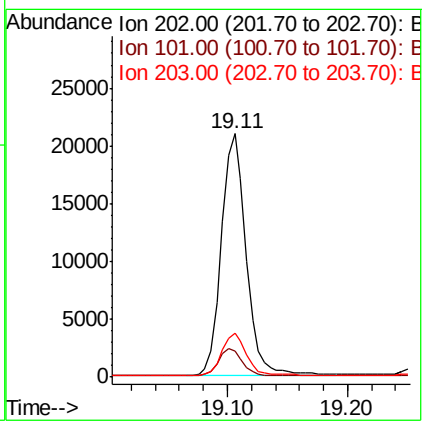


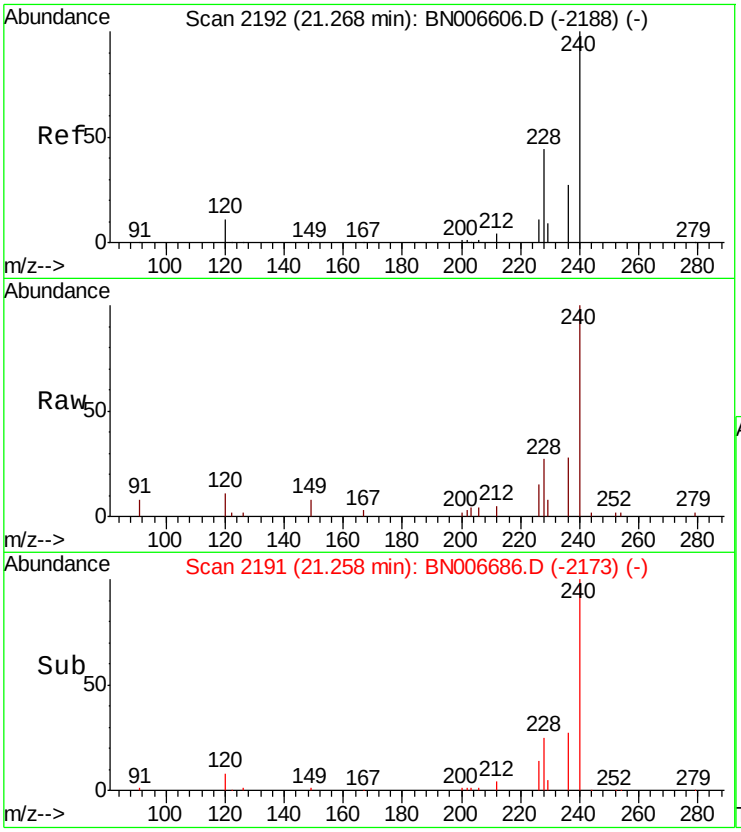


#26
Fluoranthene
Concen: 0.421 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:202 Resp: 29878

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	17.1	13.6	20.4



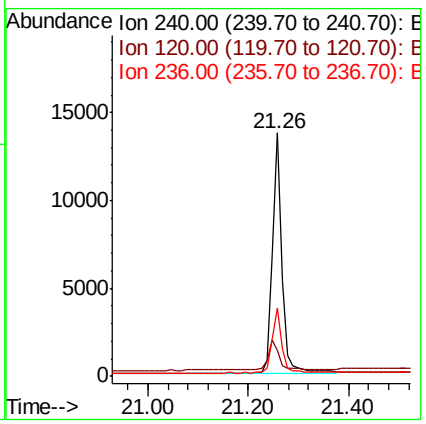


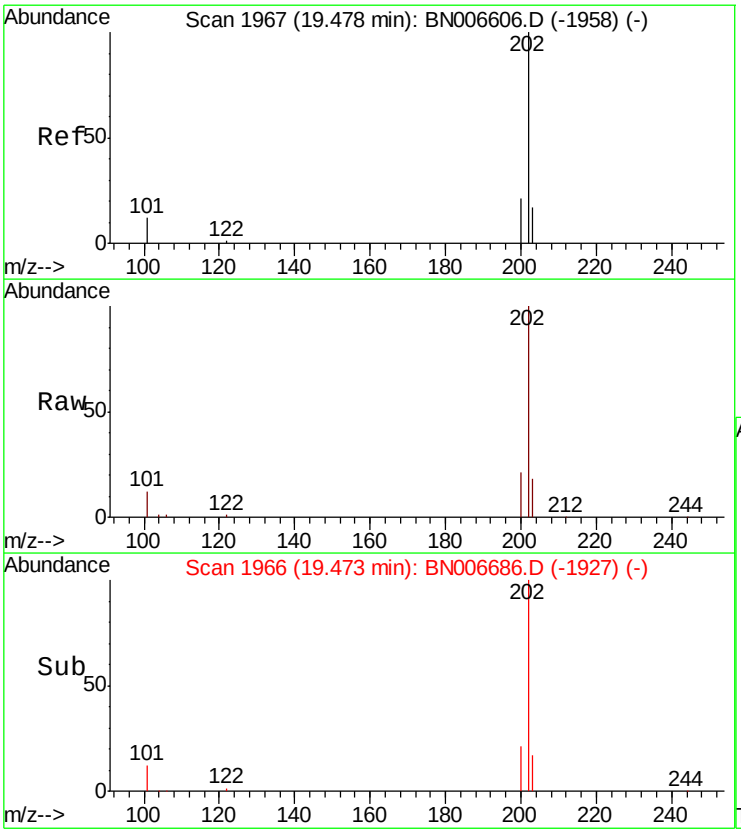
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 18589

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.9	14.9
236	28.1	22.2	33.4

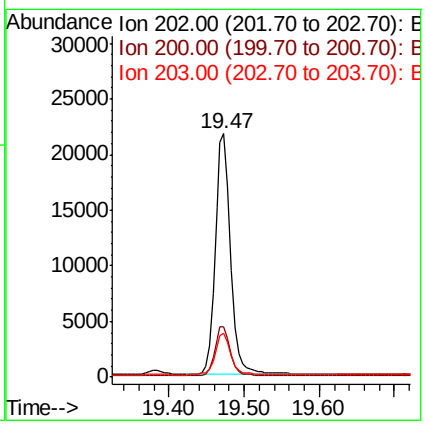


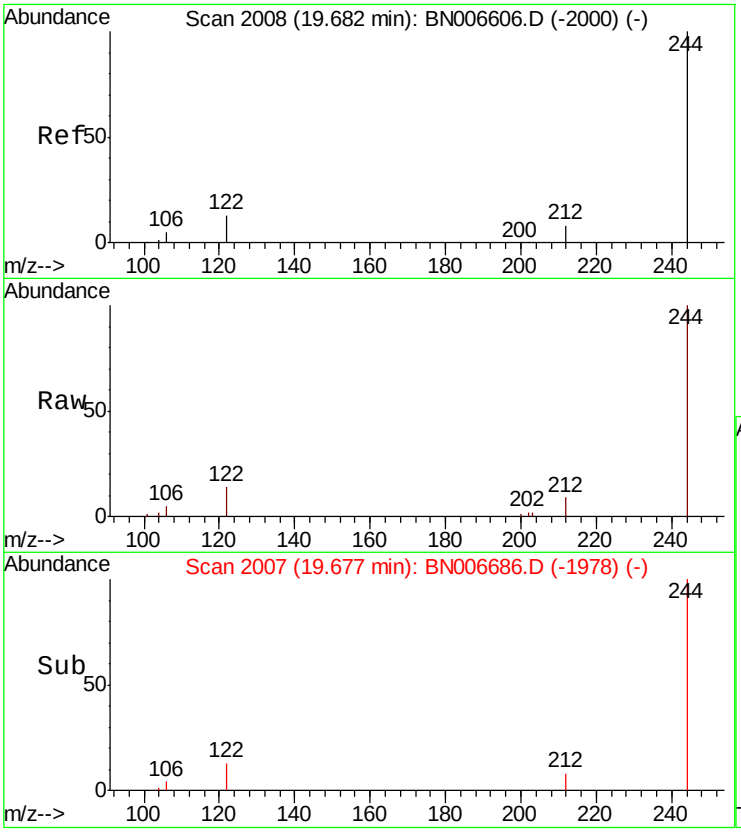


#28
Pyrene
Concen: 0.480 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:202 Resp: 31222

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.3	14.1	21.1



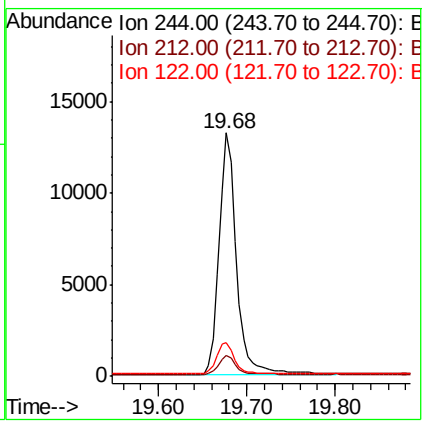


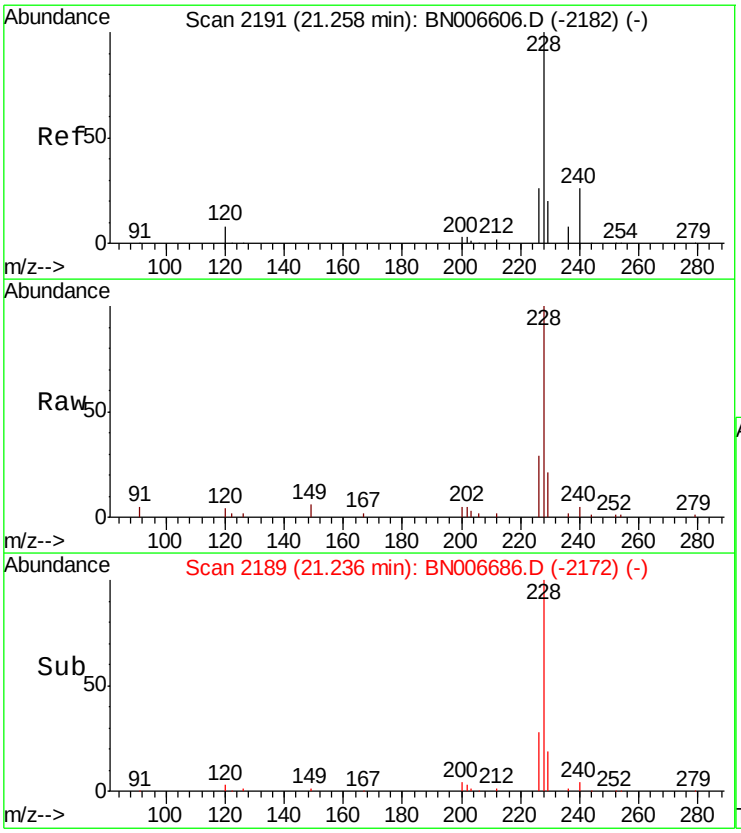
#29
Terphenyl-d14
Concen: 0.469 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18262

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.7	10.1
122	13.9	11.0	16.6

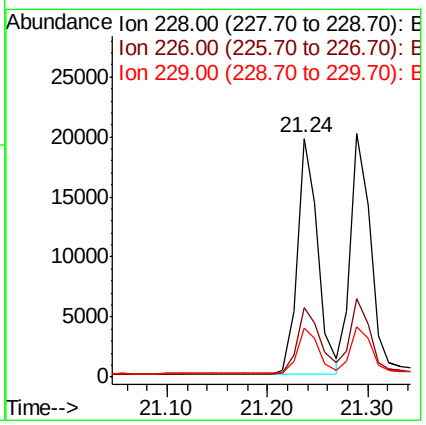


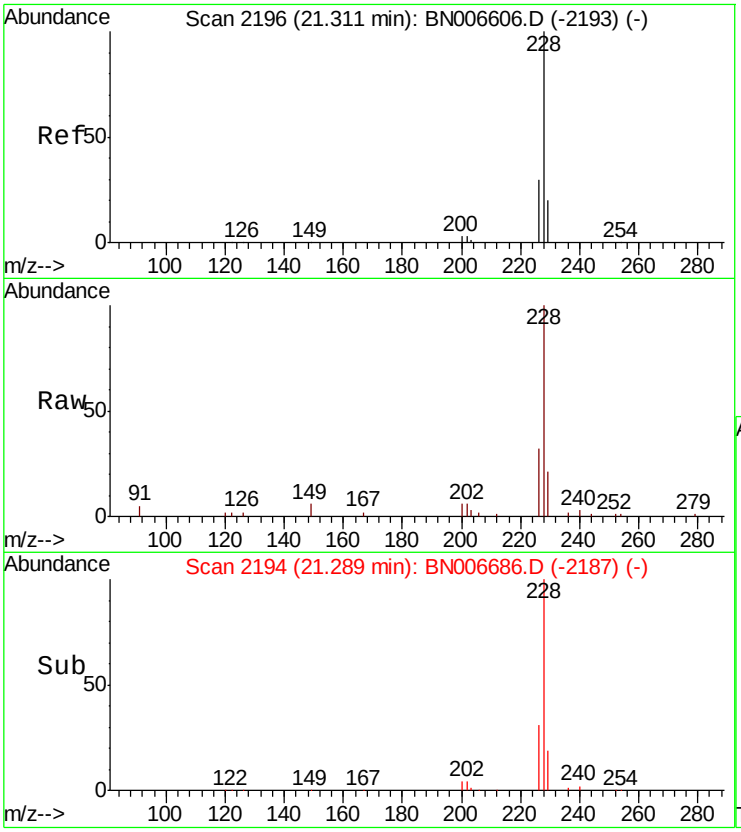


#30
Benzo(a)anthracene
Concen: 0.467 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:228 Resp: 28368

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.2	31.8
229	20.7	16.1	24.1



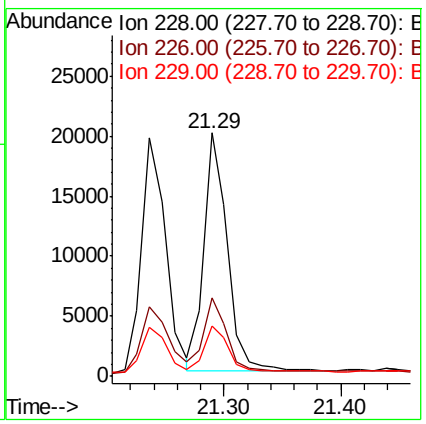


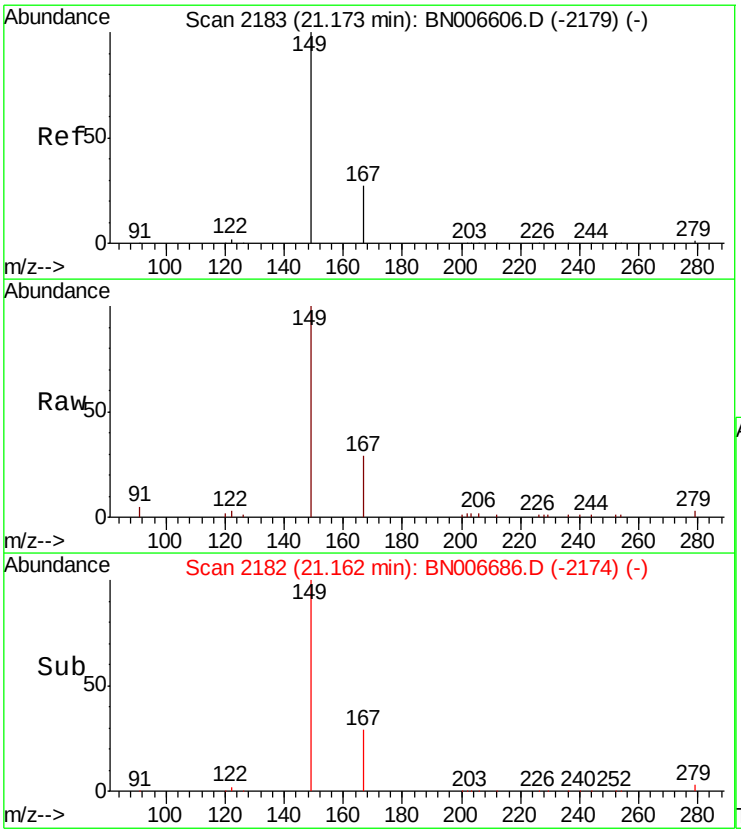
#31
Chrysene
Concen: 0.422 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 27657

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.8	35.6
229	20.8	15.9	23.9

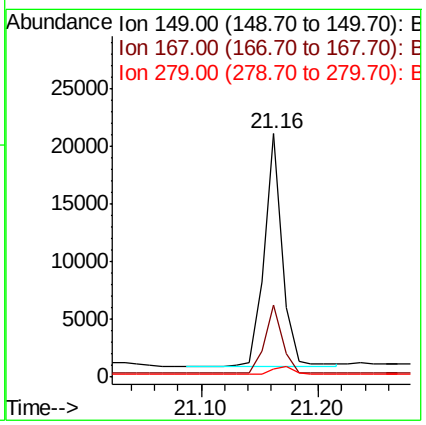


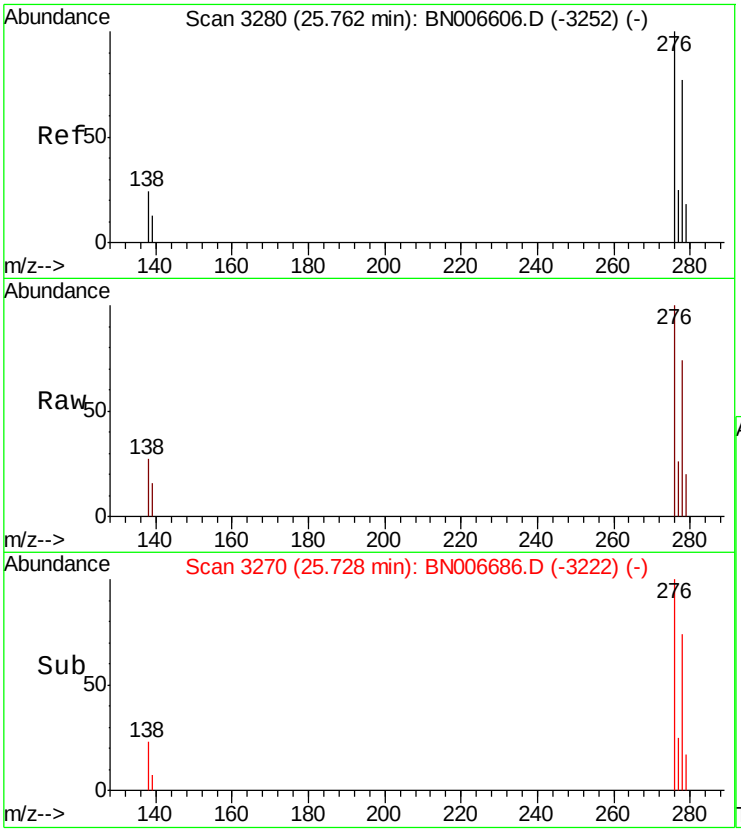


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.703 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:149 Resp: 21504

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.9	34.3
279	4.1	3.3	4.9



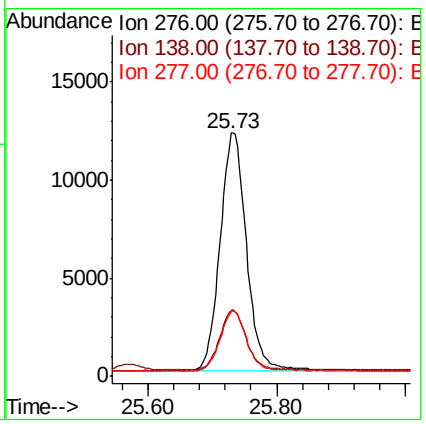


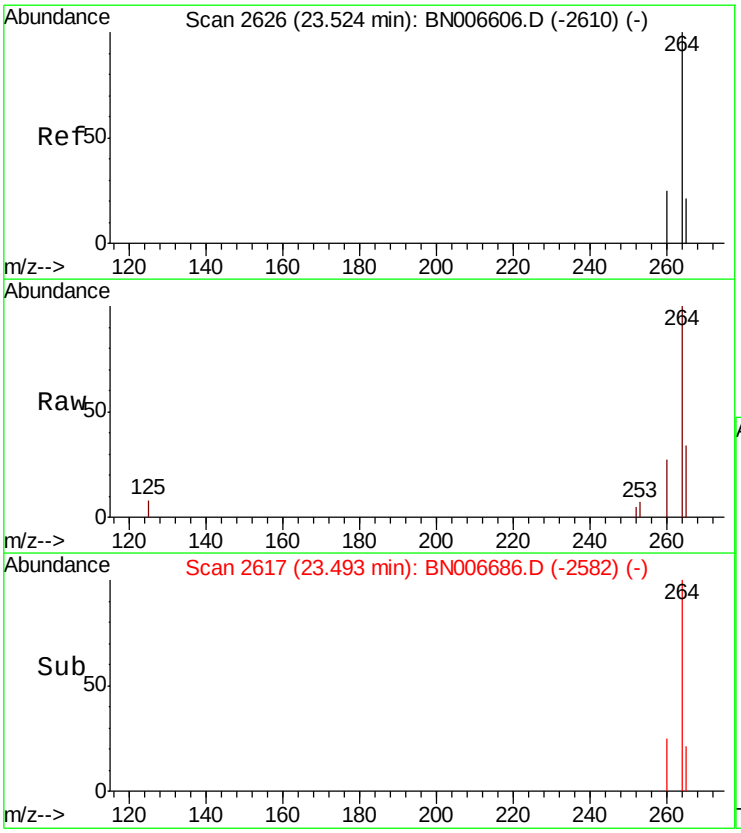
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 34671

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.3	28.9
277	24.3	19.9	29.9

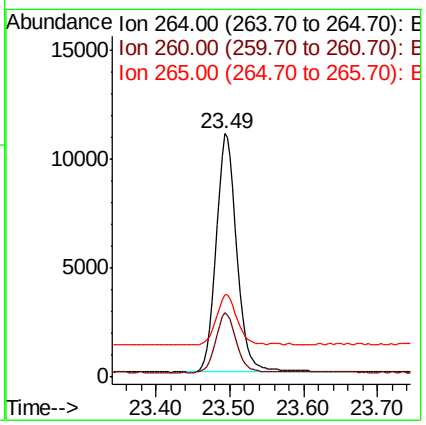


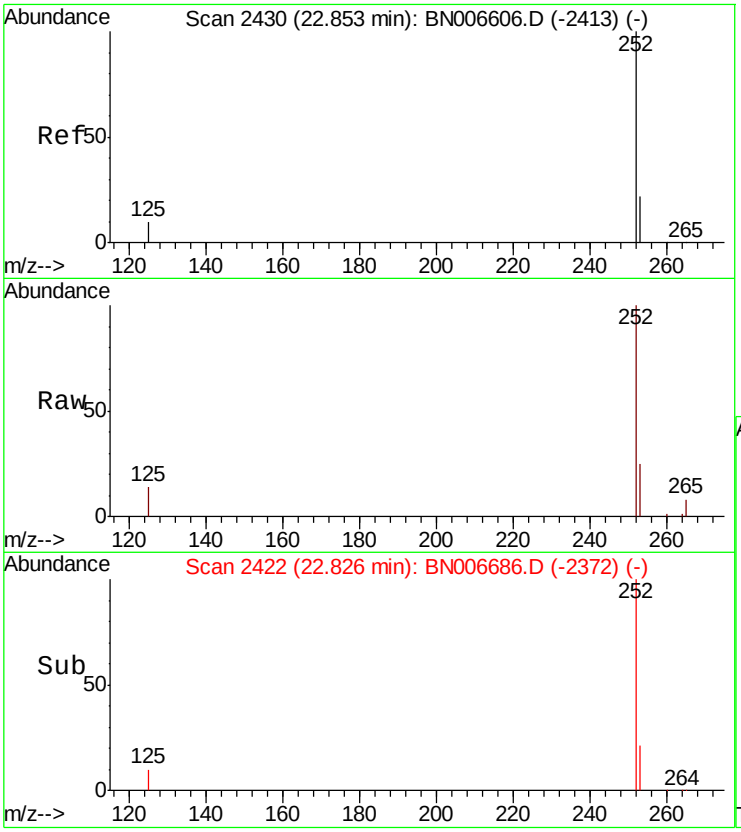


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:264 Resp: 21039

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.2
265	33.9	23.3	34.9



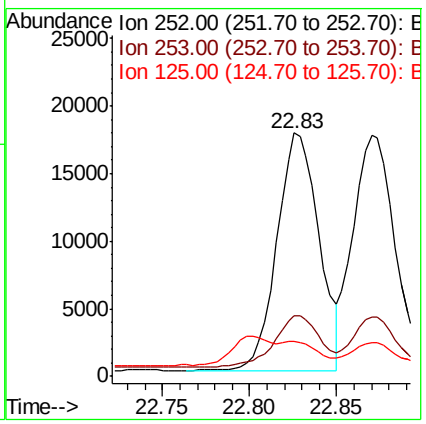


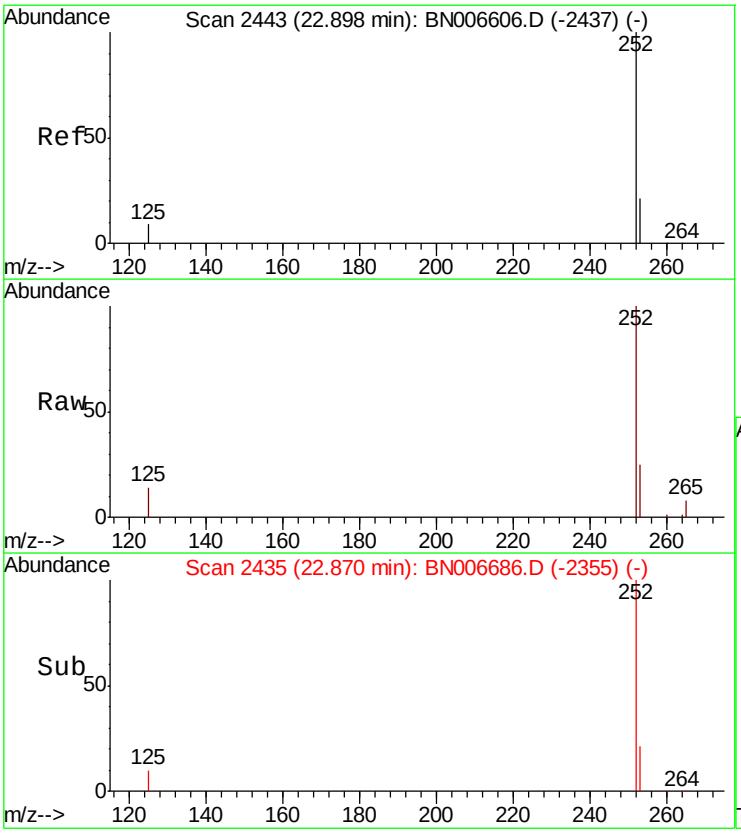
#35
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 29548

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	14.5	8.7	13.1#

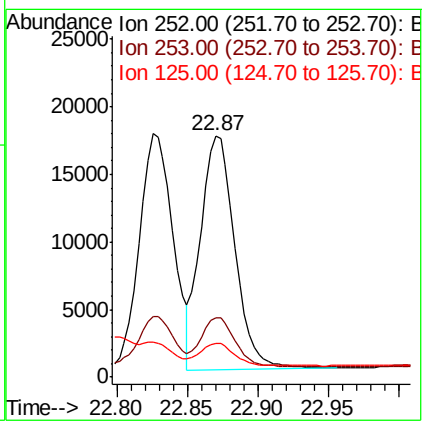


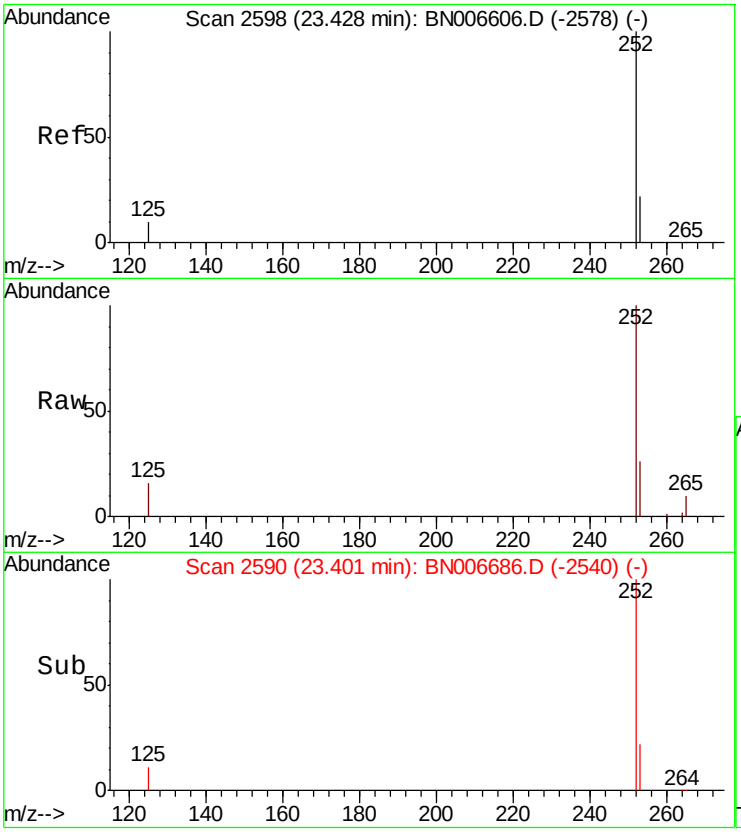


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.87 min Scan# 2435
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:252 Resp: 29365

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.3	27.5
125	14.0	8.4	12.6#



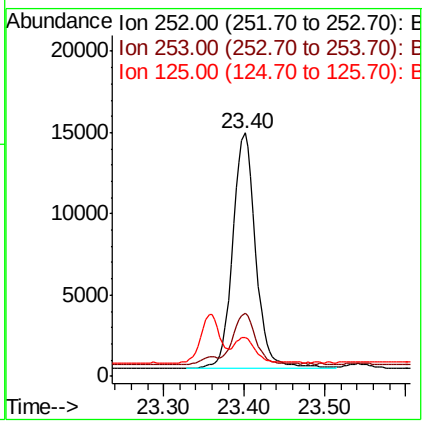


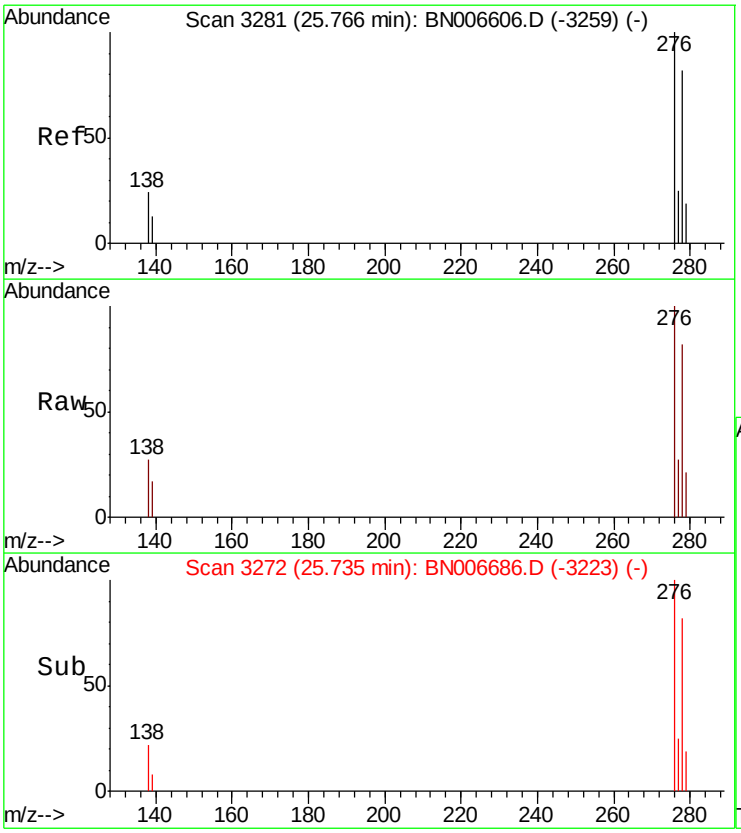
#37
Benzo(a)pyrene
Concen: 0.430 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 28756

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.8	28.2
125	16.1	9.4	14.2#

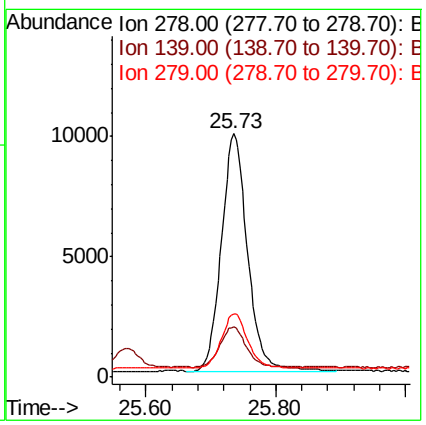


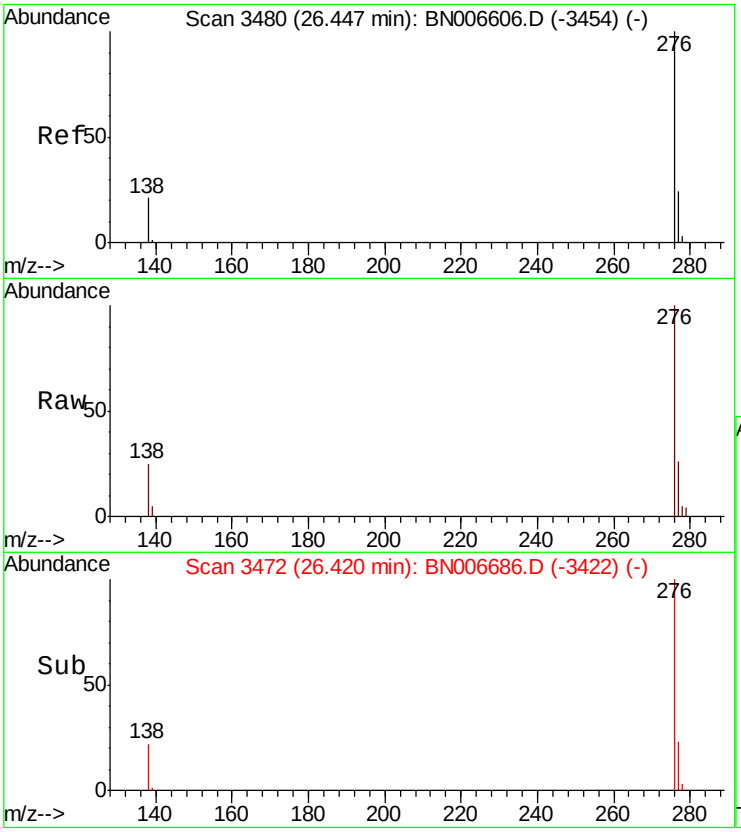


#38
Dibenzo(a,h)anthracene
Concen: 0.475 ng
RT: 25.73 min Scan# 3272
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:278 Resp: 27746

Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.5	20.3#
279	26.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.492 ng
RT: 26.42 min Scan# 3472
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 28684

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.6	29.4
138	25.0	17.7	26.5