Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006668.D
Acq On : 01 Jul 2019 19:22
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 02 05:06:50 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	4882	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	19567	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	10324	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	21941	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	19563	0.40	ng		-0.02
34) Perylene-d12	23.48	264	21860	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	5131	0.43	ng		0.00
5) Phenol-d6	6.82	99	6951	0.44	ng		0.00
8) Nitrobenzene-d5	8.78	82	5670	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.00	152	12171	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2028	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	16904	0.44	ng		-0.01
25) Fluoranthene-d10	19.08	212	26313	0.41	ng		0.00
29) Terphenyl-d14	19.68	244	18976	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	2568	0.380	ng		96
3) n-Nitrosodimethylamine	3.50	42	1912	0.360	ng	#	98
6) bis(2-Chloroethyl)ether	7.06	93	5316	0.376	ng		93
9) Naphthalene	10.44	128	21760	0.423	ng		99
10) Hexachlorobutadiene	10.72	225	4546	0.430	ng	#	100
12) 2-Methylnaphthalene	12.07	142	14341	0.404	ng		100
16) Acenaphthylene	13.99	152	22551	0.458	ng		100
17) Acenaphthene	14.33	154	14008	0.432	ng		100
18) Fluorene	15.32	166	17411	0.426	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	5310	0.437	ng	#	89
21) Hexachlorobenzene	16.34	284	6621	0.431	ng		99
22) Pentachlorophenol	16.72	266	1354	0.578	ng		93
23) Phenanthrene	17.07	178	26274	0.421	ng		100
24) Anthracene	17.16	178	23031	0.425	ng		99
26) Fluoranthene	19.10	202	31261	0.412	ng		100
28) Pyrene	19.47	202	32238	0.471	ng		99
30) Benzo(a)anthracene	21.24	228	28742	0.449	ng		98
31) Chrysene	21.29	228	29736	0.431	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	20126	0.625	ng		99
33) Indeno(1,2,3-cd)pyrene	25.71	276	36579	0.524	ng		99
35) Benzo(b)fluoranthene	22.82	252	30621	0.412	ng		96
36) Benzo(k)fluoranthene	22.86	252	31197	0.394	ng	#	96
37) Benzo(a)pyrene	23.38	252	29855	0.429	ng	#	96
38) Dibenzo(a,h)anthracene	25.72	278	28785	0.474	ng		96
39) Benzo(g,h,i)perylene	26.40	276	29910	0.493	ng		98

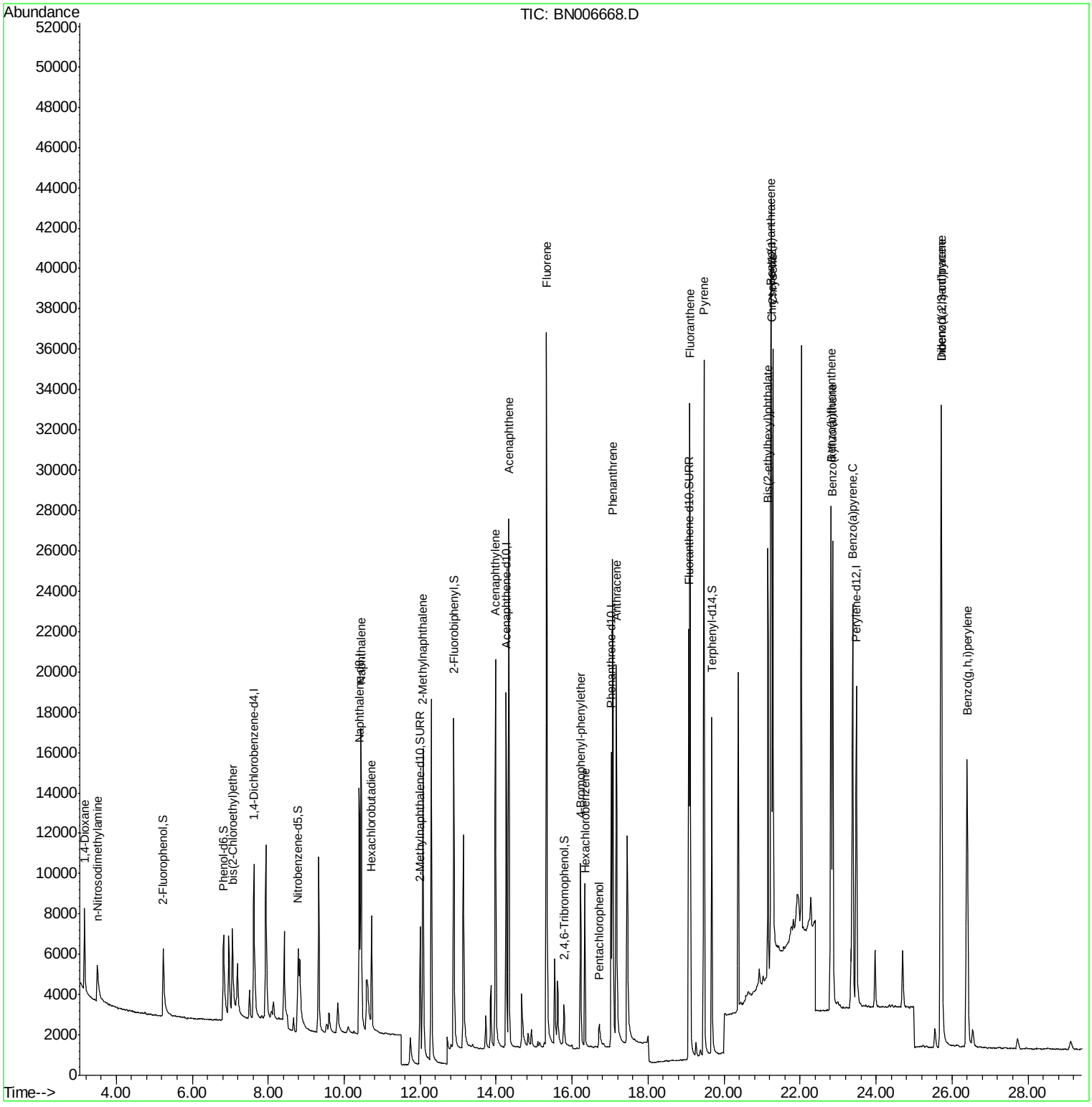
(#) = qualifier out of range (m) = manual integration (+) = signals summed

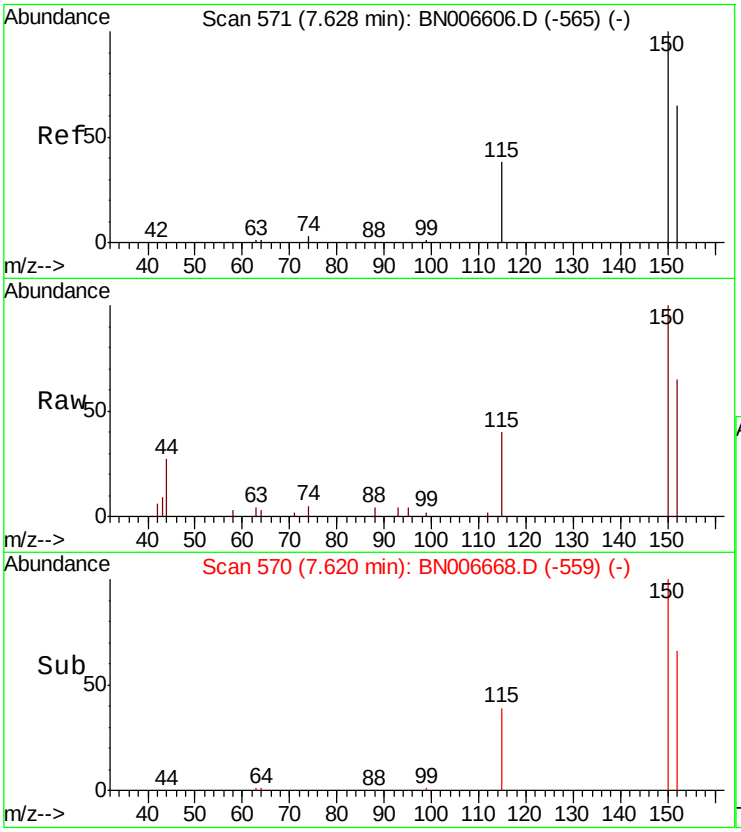
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006668.D
Acq On : 01 Jul 2019 19:22
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 02 05:06:50 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



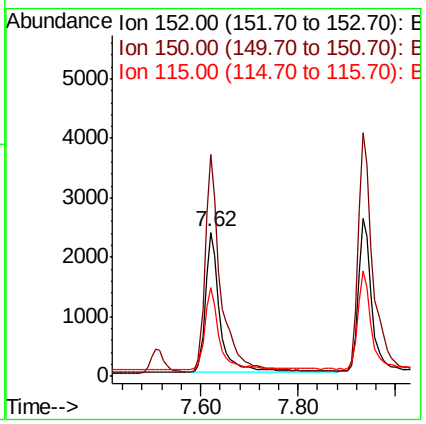


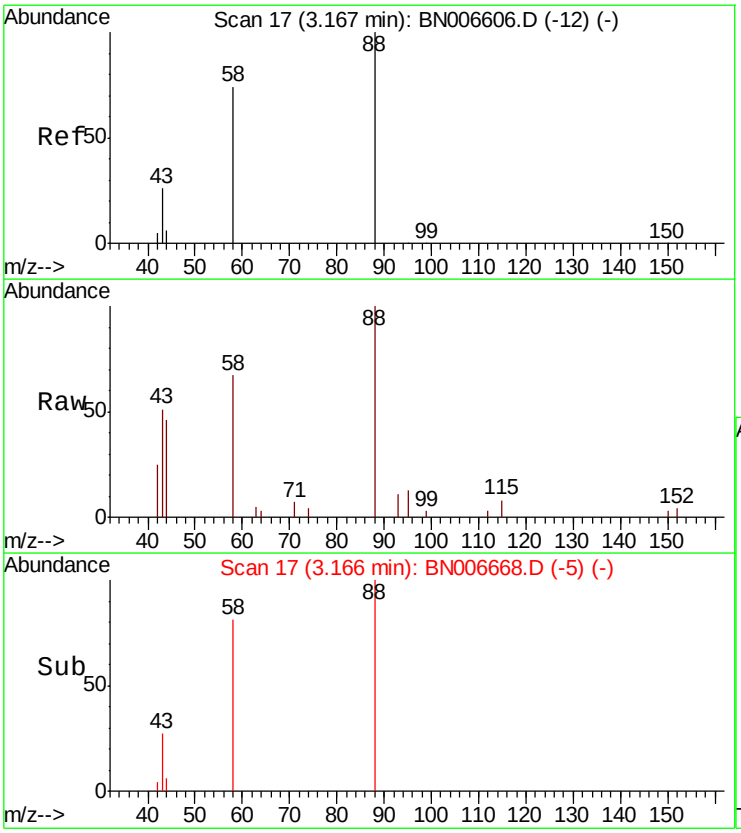
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4882

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.2	183.2
115	61.9	50.0	75.0

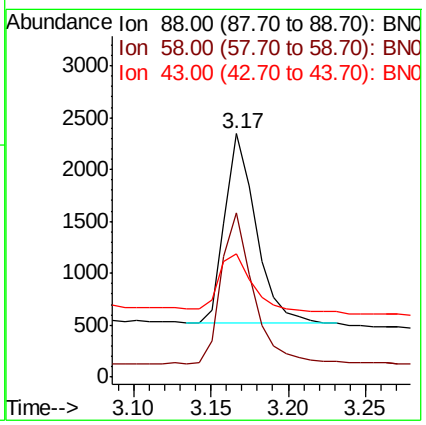


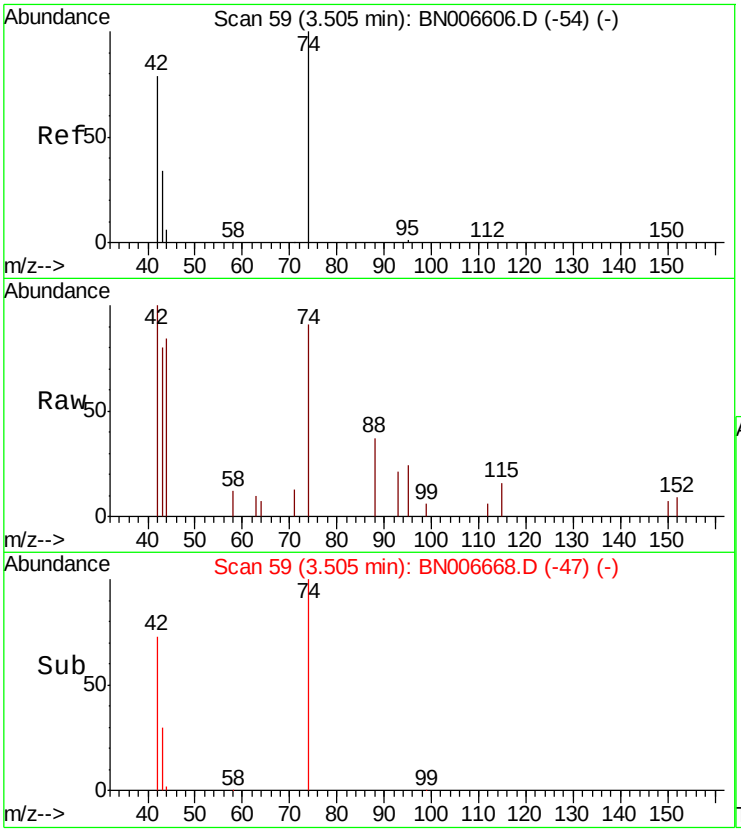


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion: 88 Resp: 2568

Ion	Ratio	Lower	Upper
88	100		
58	82.5	62.5	93.7
43	33.2	25.4	38.0



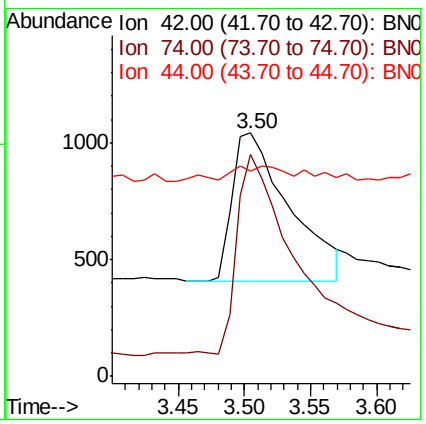


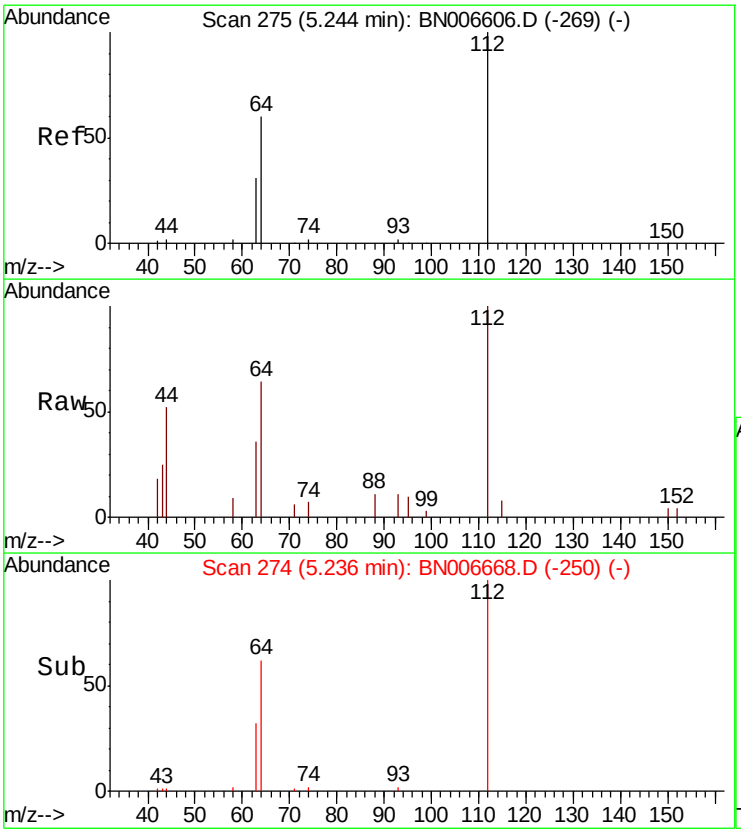
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.50 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1912

Ion	Ratio	Lower	Upper
42	100		
74	131.1	103.1	154.7
44	8.0	3.4	5.2#

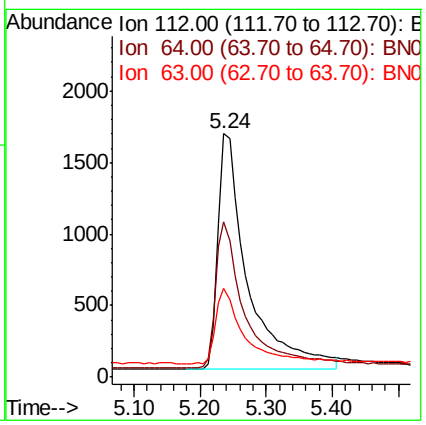


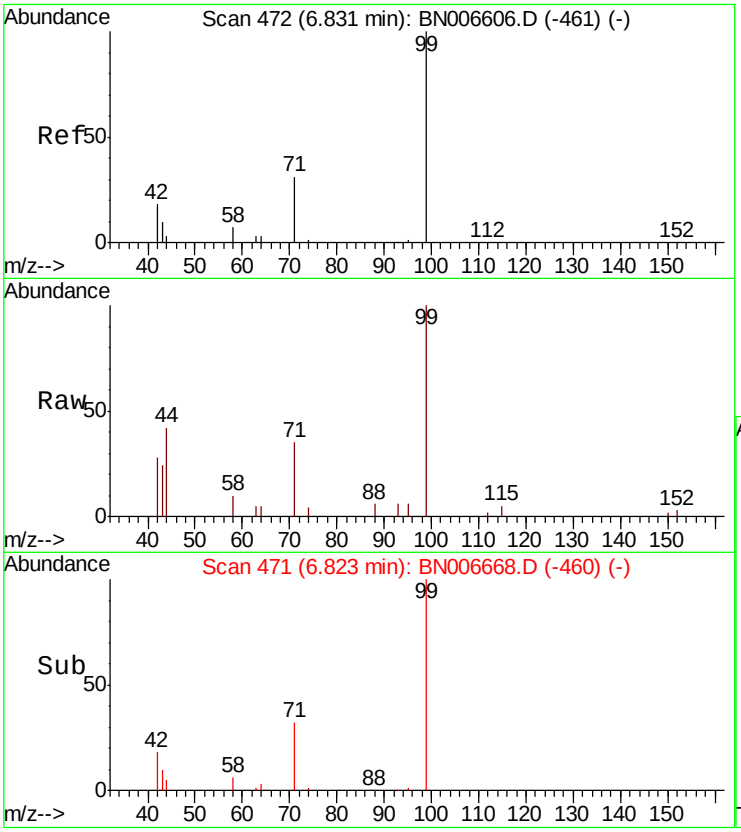


#4
2-Fluorophenol
Concen: 0.428 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:112 Resp: 5131

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.9	73.3
63	31.4	24.3	36.5



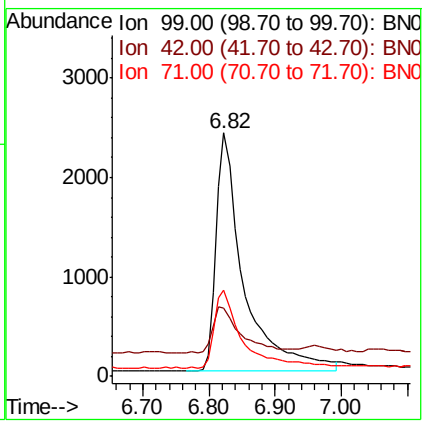


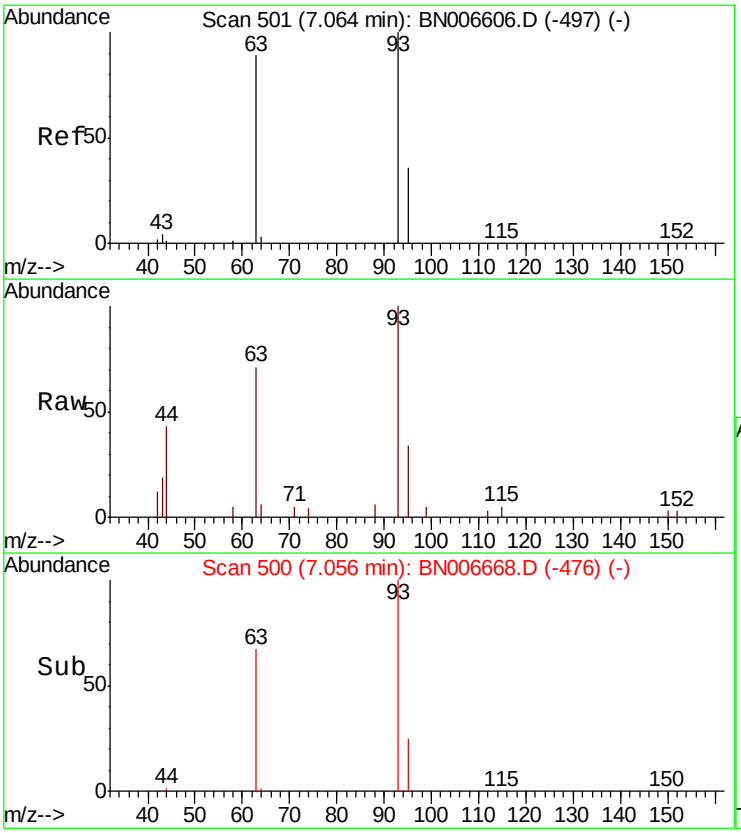
#5
Phenol-d6
Concen: 0.439 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6951

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.4	24.6
71	33.1	26.6	40.0

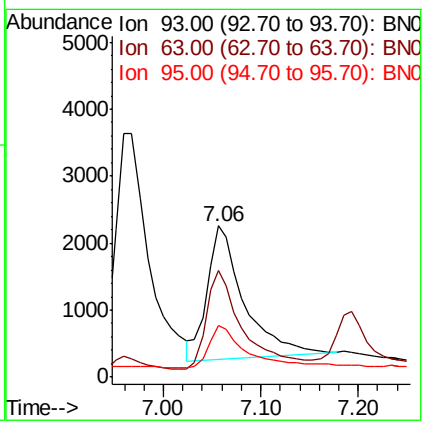


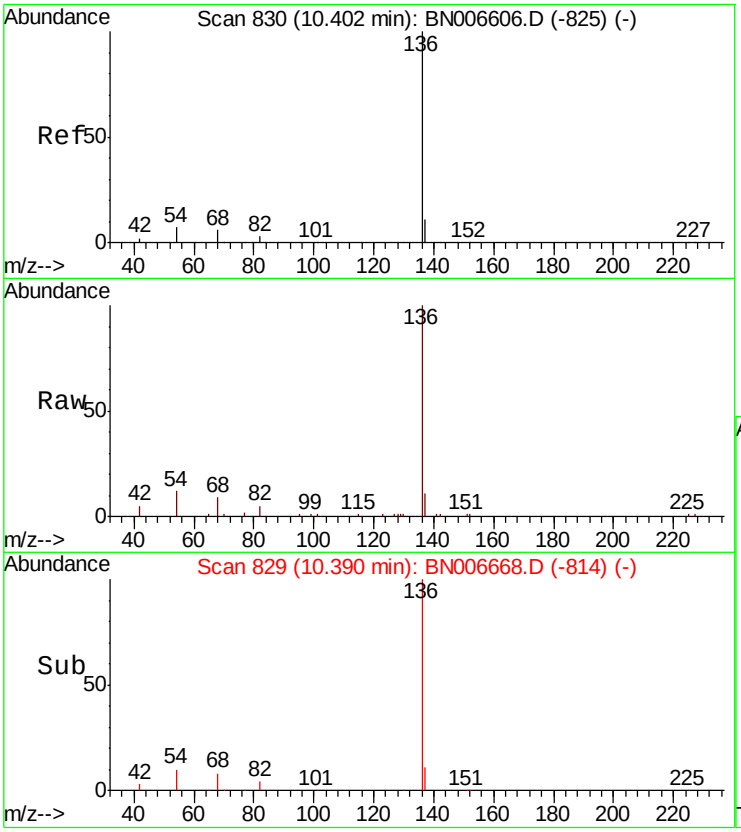


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.06 min Scan# 500
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion: 93 Resp: 5316

Ion	Ratio	Lower	Upper
93	100		
63	71.5	52.5	78.7
95	34.0	24.2	36.4



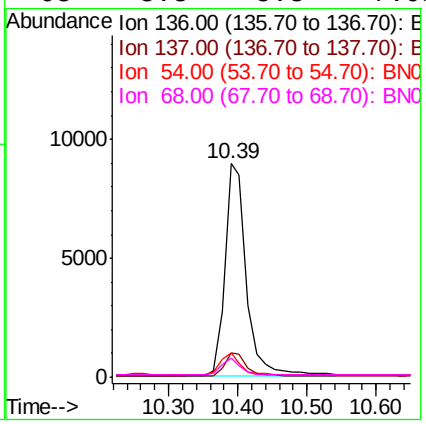


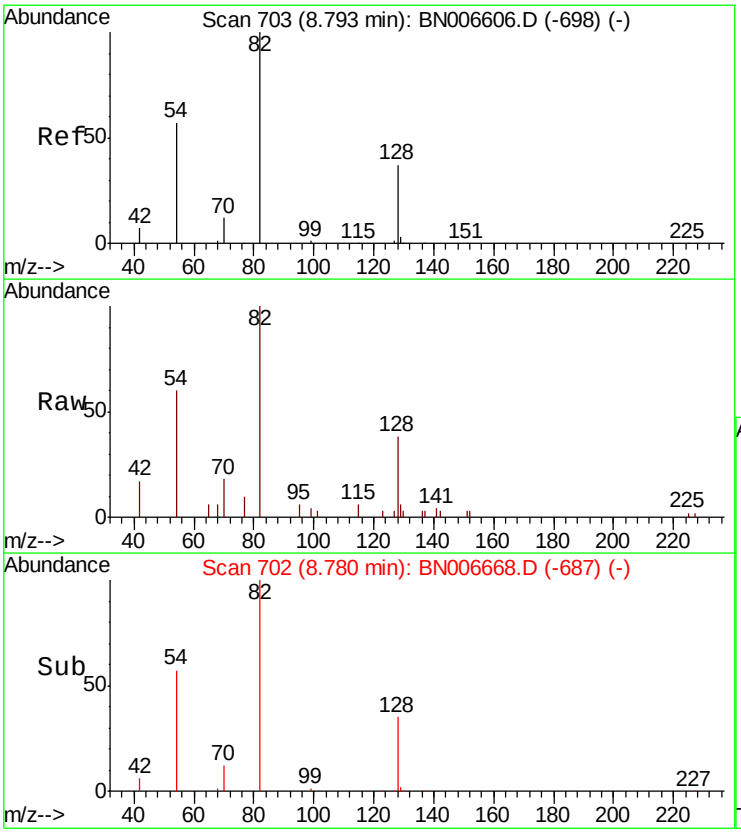
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 19567

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	11.6	6.7	10.1#
68	8.8	5.3	7.9#

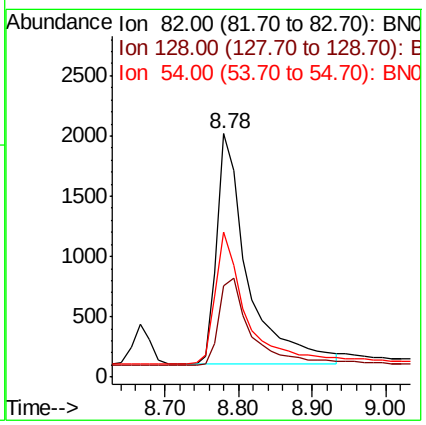


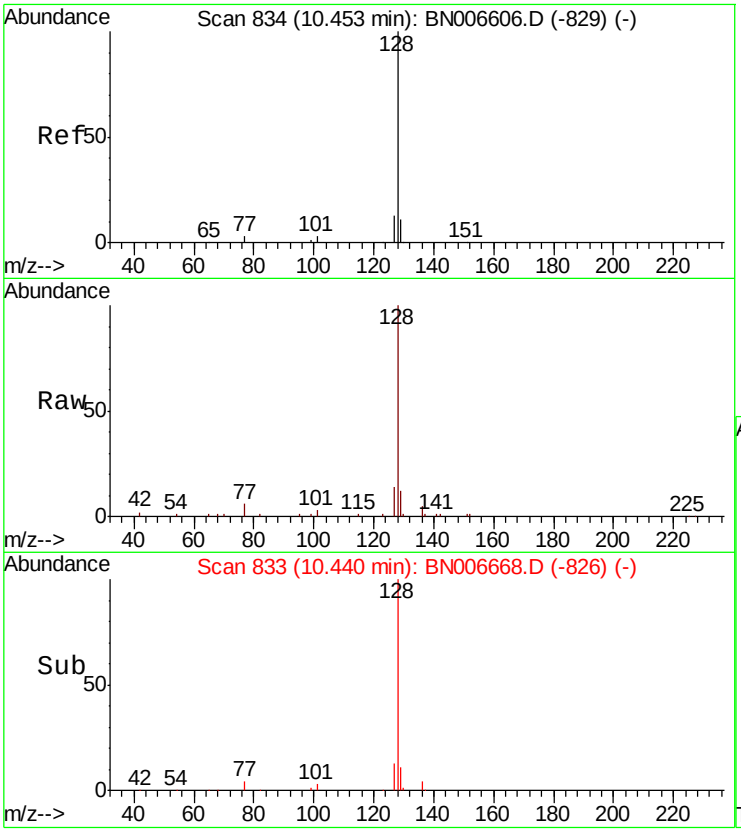


#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion: 82 Resp: 5670

Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.6	49.0
54	59.6	48.2	72.4



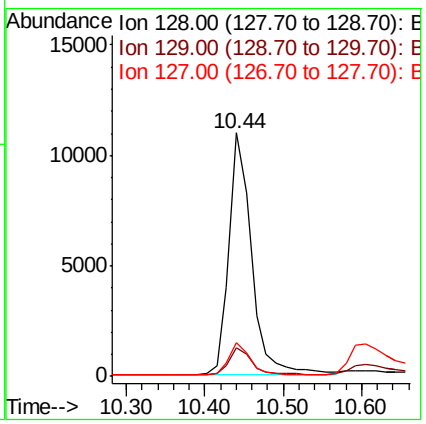


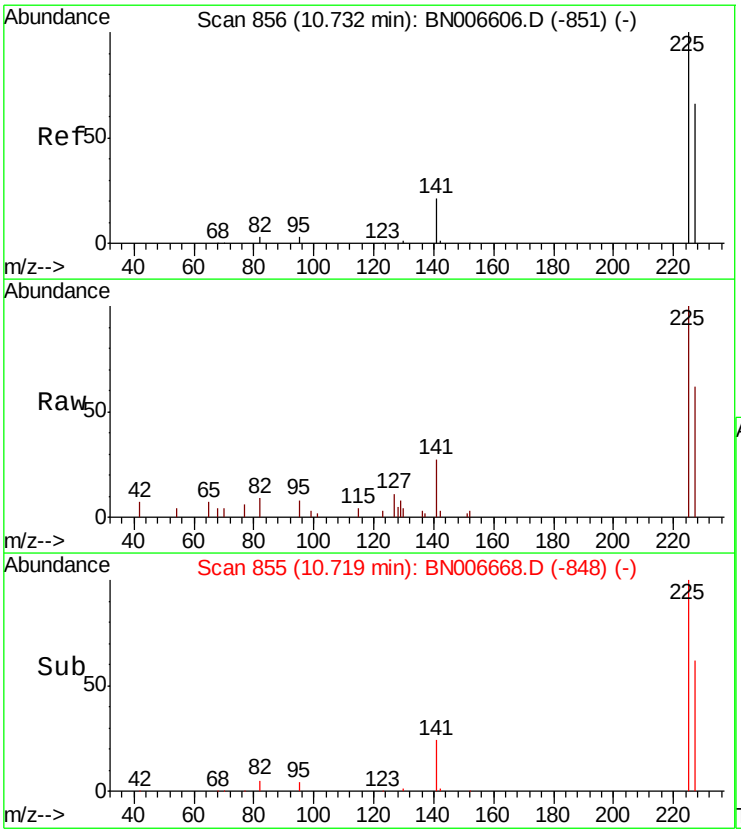
#9
Naphthalene
Concen: 0.423 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 21760

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.8	10.8	16.2

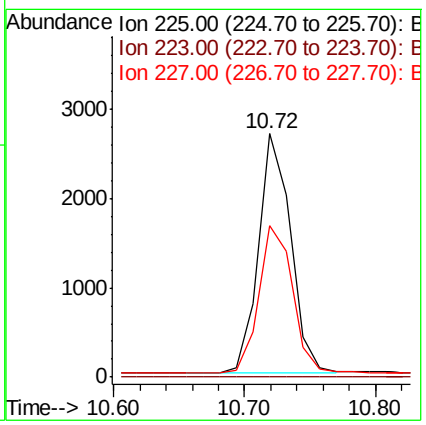


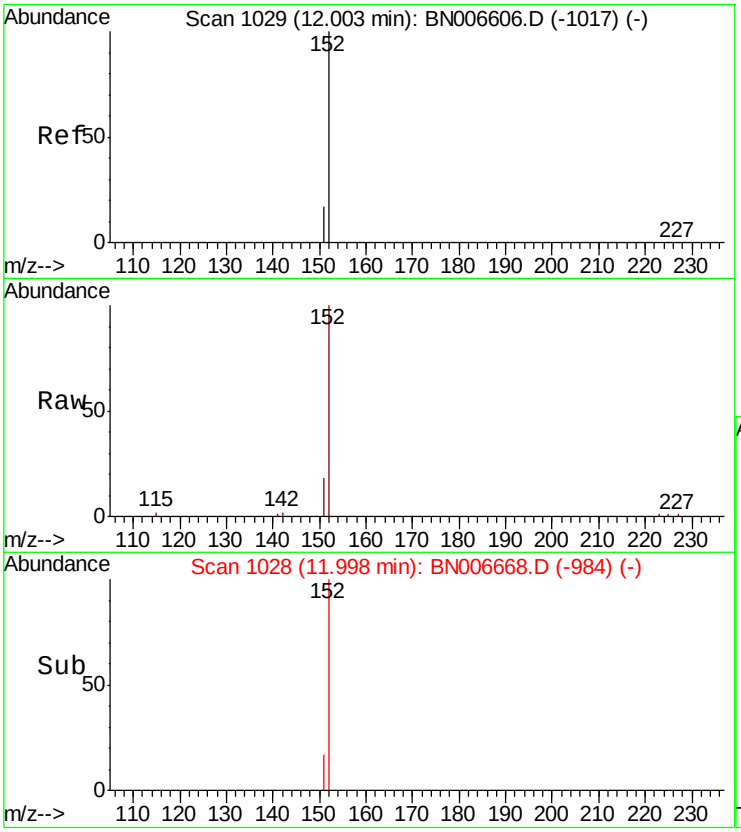


#10
Hexachlorobutadiene
Concen: 0.430 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:225 Resp: 4546

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.4	77.2



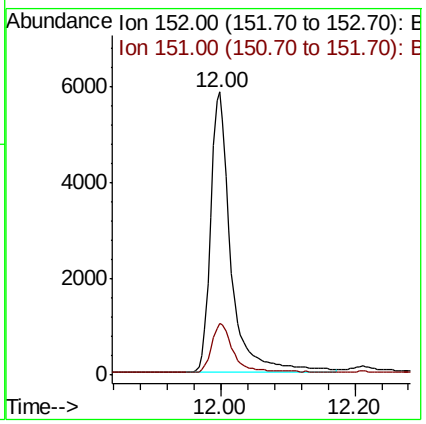


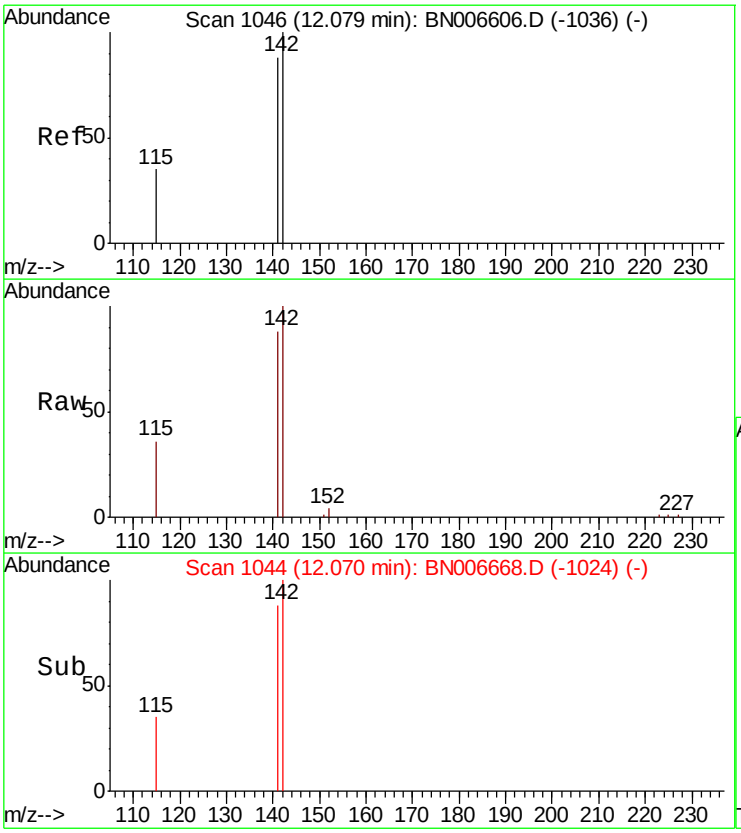
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 12171

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.4

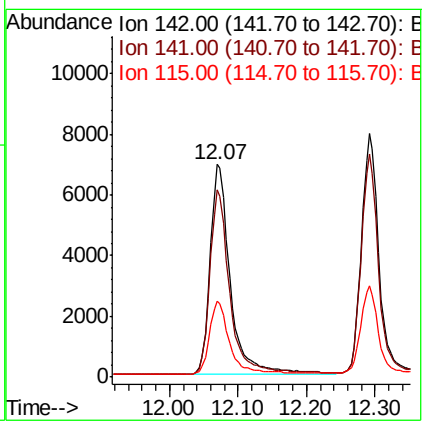


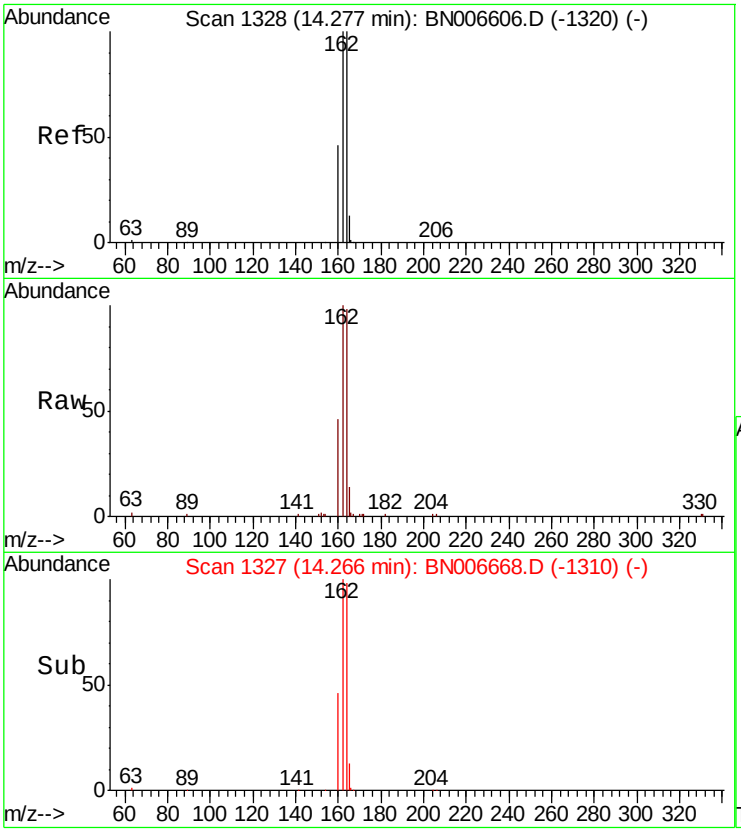


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:142 Resp: 14341

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4
115	35.7	28.5	42.7



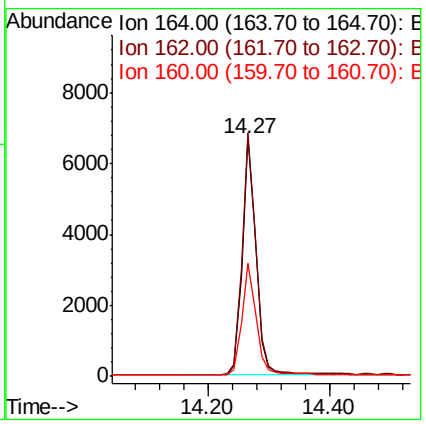


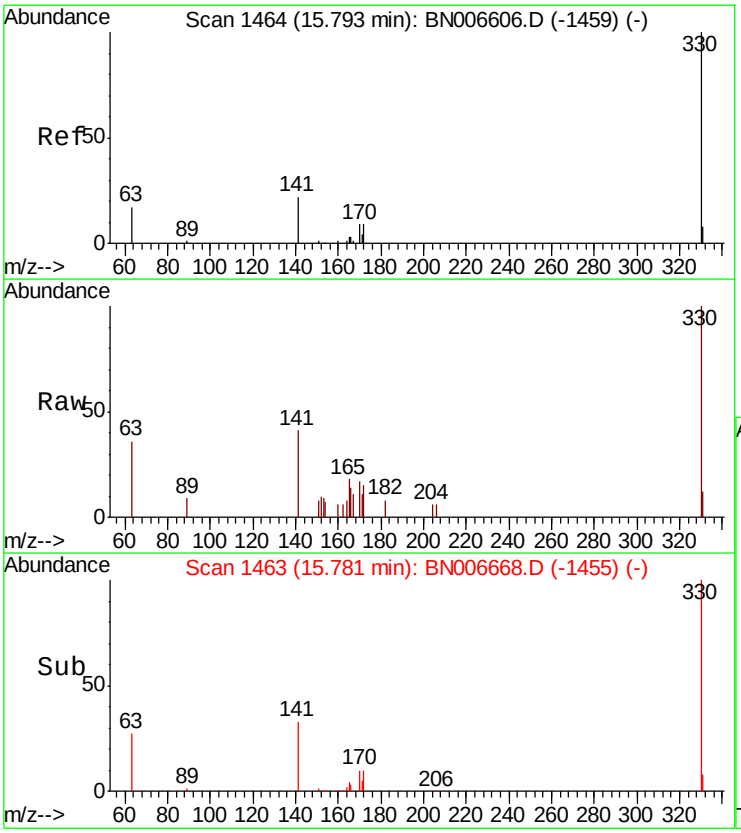
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 10324

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.0	120.0
160	47.5	37.0	55.4

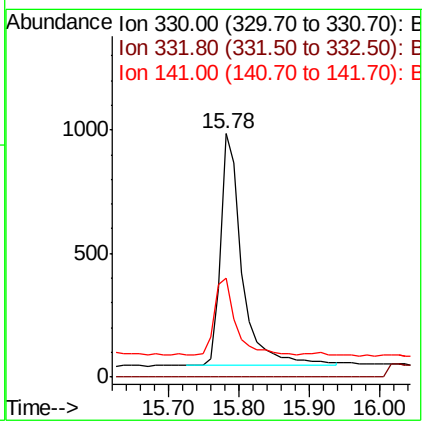


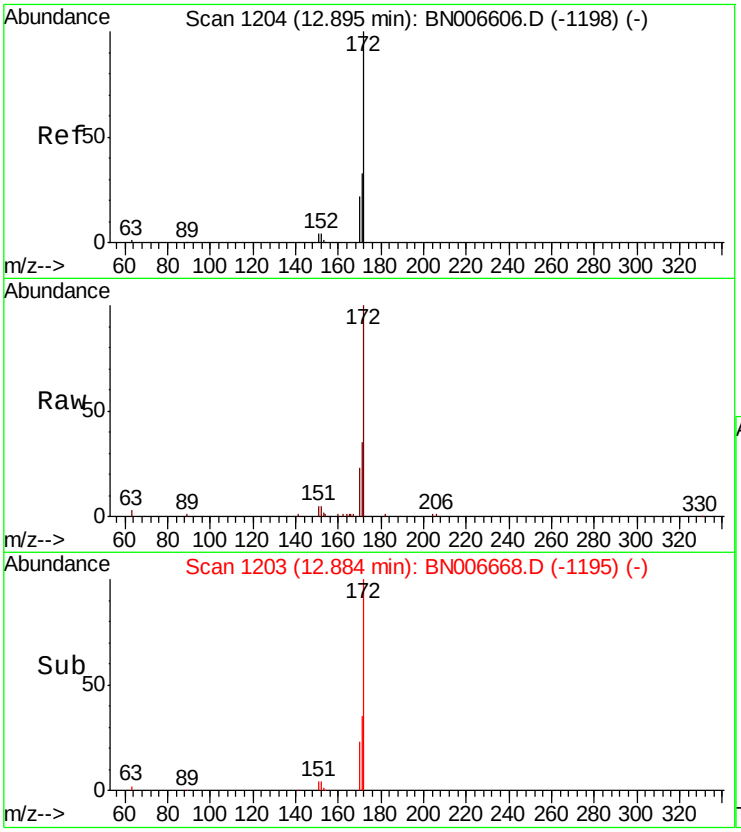


#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:330 Resp: 2028

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	26.5	39.7



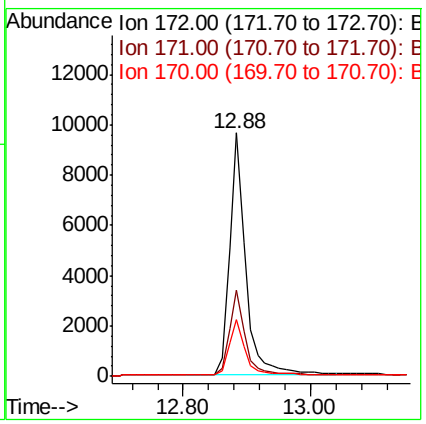


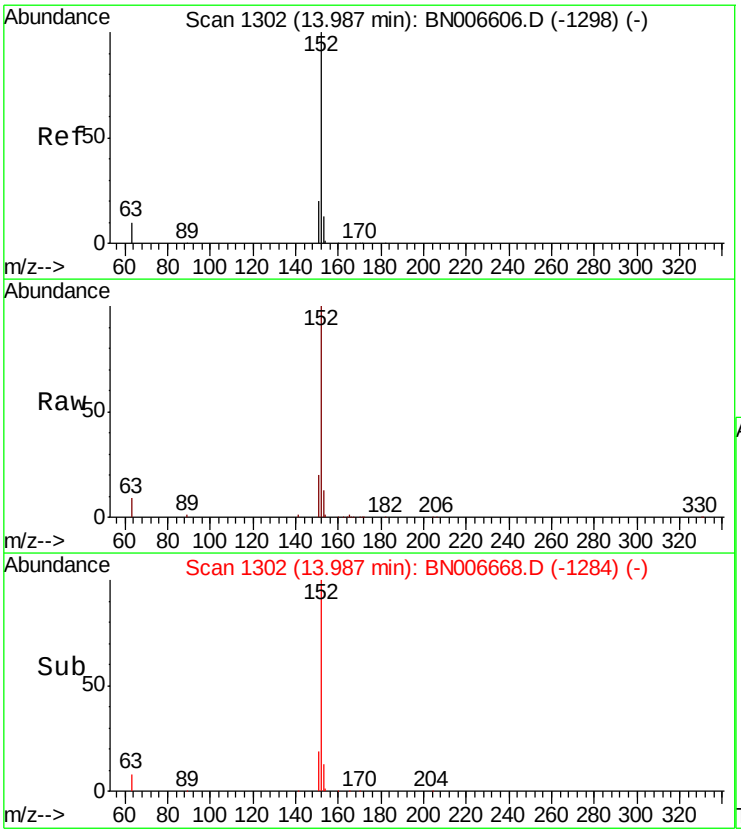
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16904

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.0	40.4
170	23.3	17.7	26.5

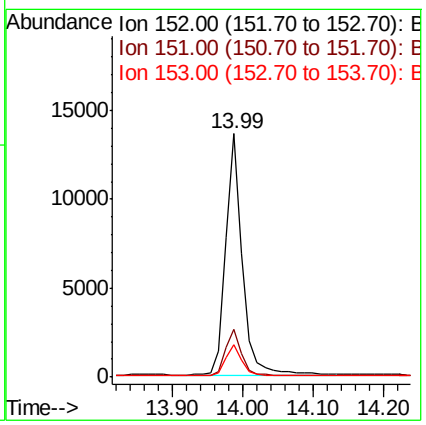


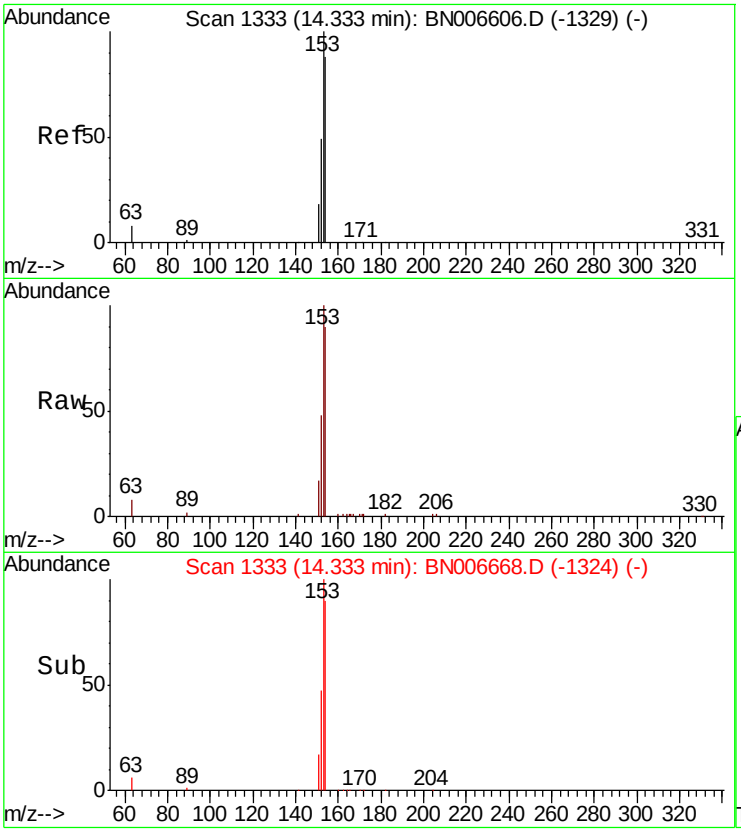


#16
Acenaphthylene
Concen: 0.458 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:152 Resp: 22551

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.5	15.7



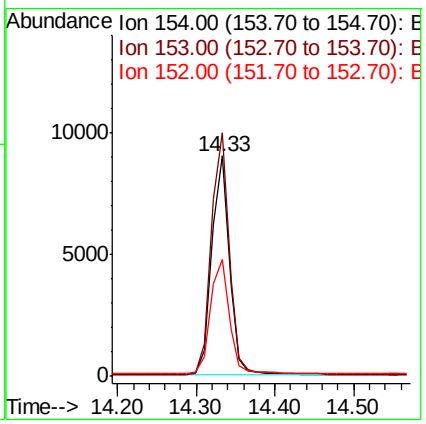


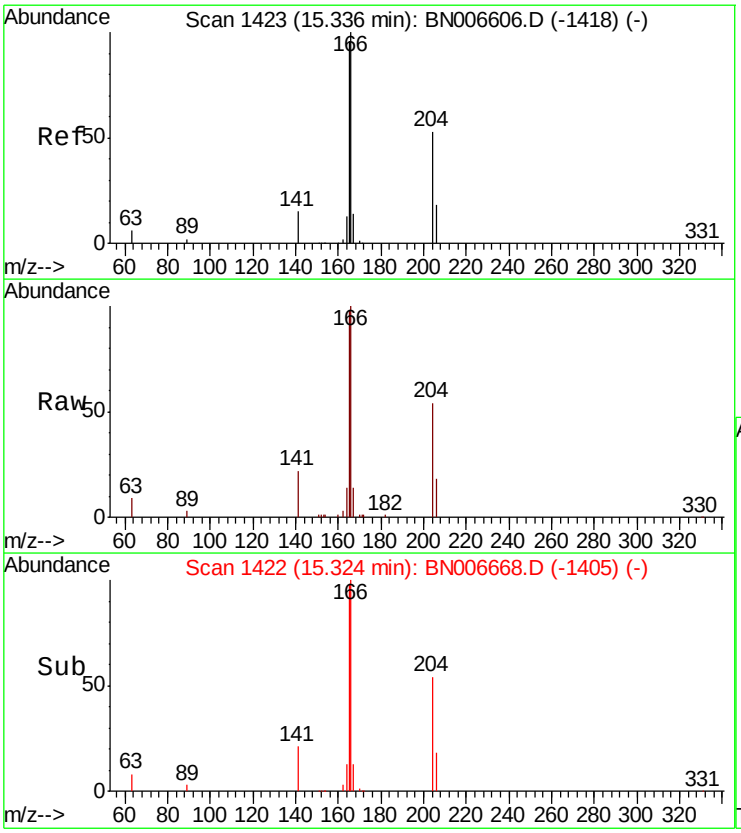
#17
Acenaphthene
Concen: 0.432 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 14008

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.4
152	54.9	44.2	66.4

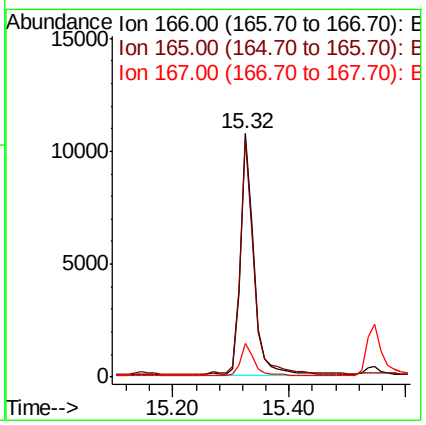


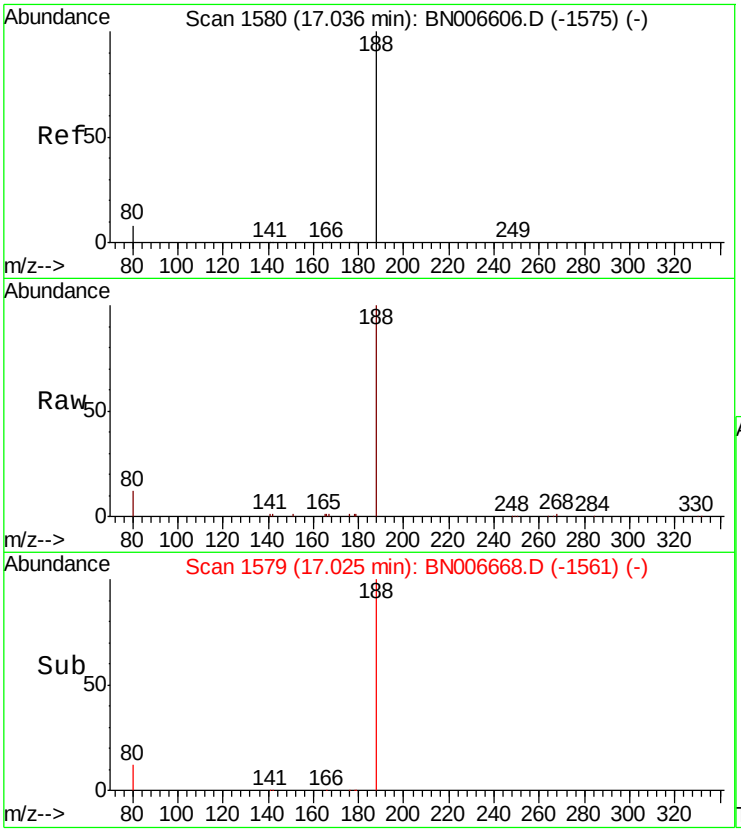


#18
Fluorene
Concen: 0.426 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:166 Resp: 17411

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	13.5	10.8	16.2



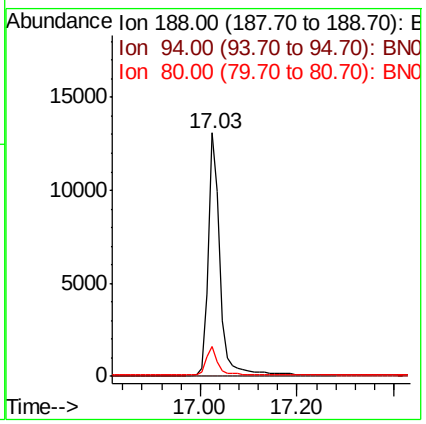


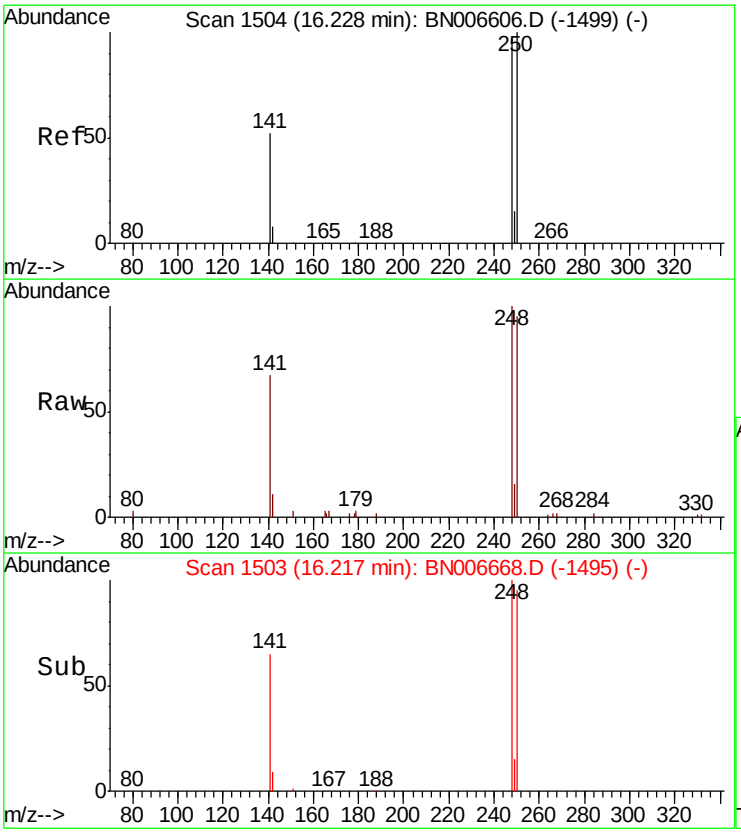
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 21941

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	7.1	10.7#

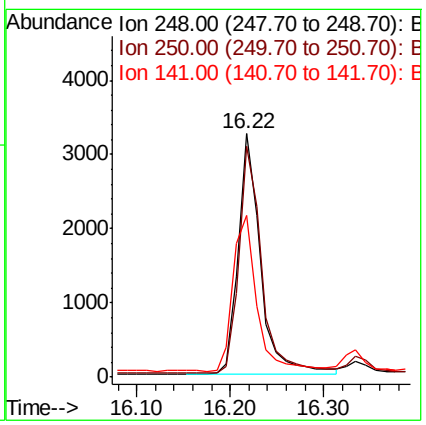


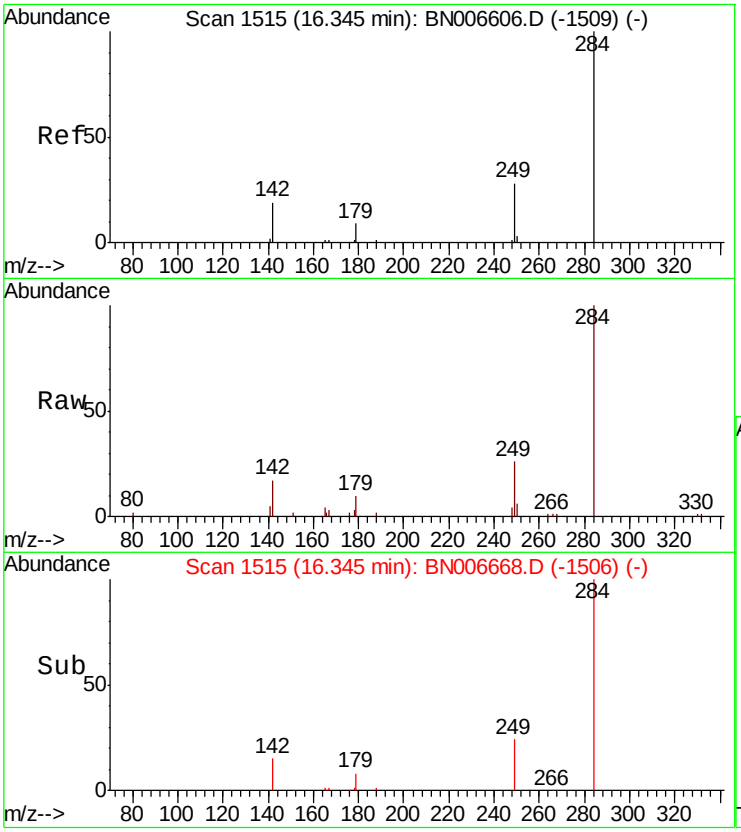


#20
4-Bromophenyl-phenylether
Concen: 0.437 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:248 Resp: 5310

Ion	Ratio	Lower	Upper
248	100		
250	94.9	82.2	123.4
141	66.5	43.8	65.8#



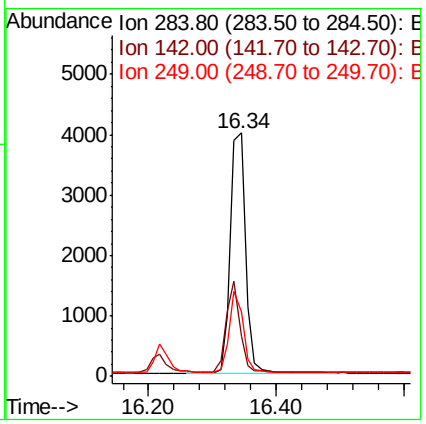


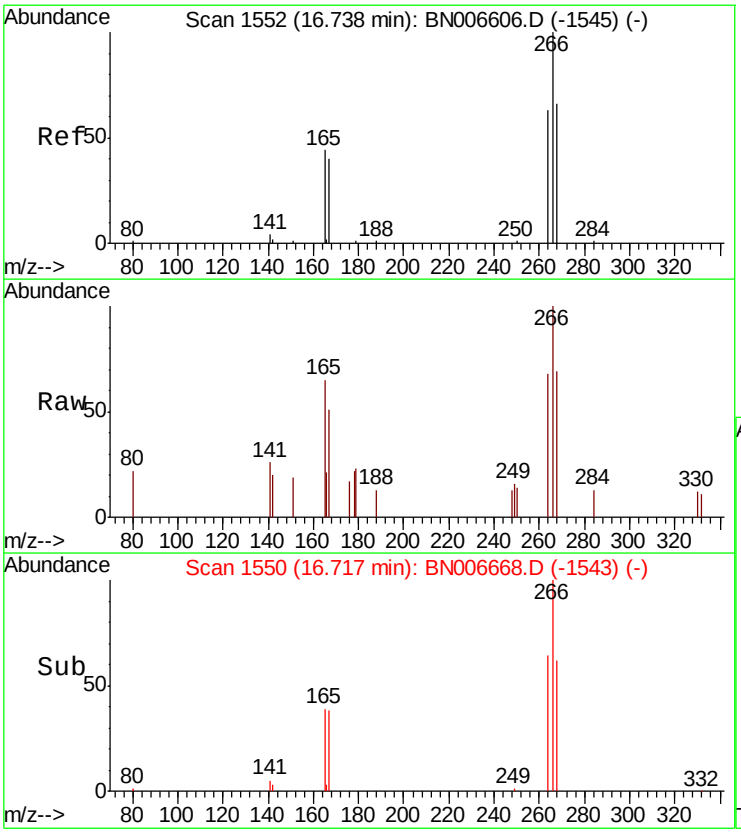
#21
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6621

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.5	41.3
249	30.5	24.7	37.1

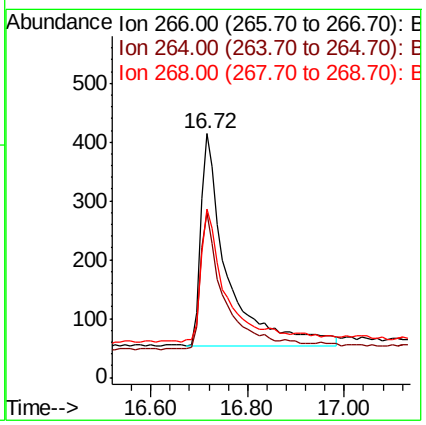


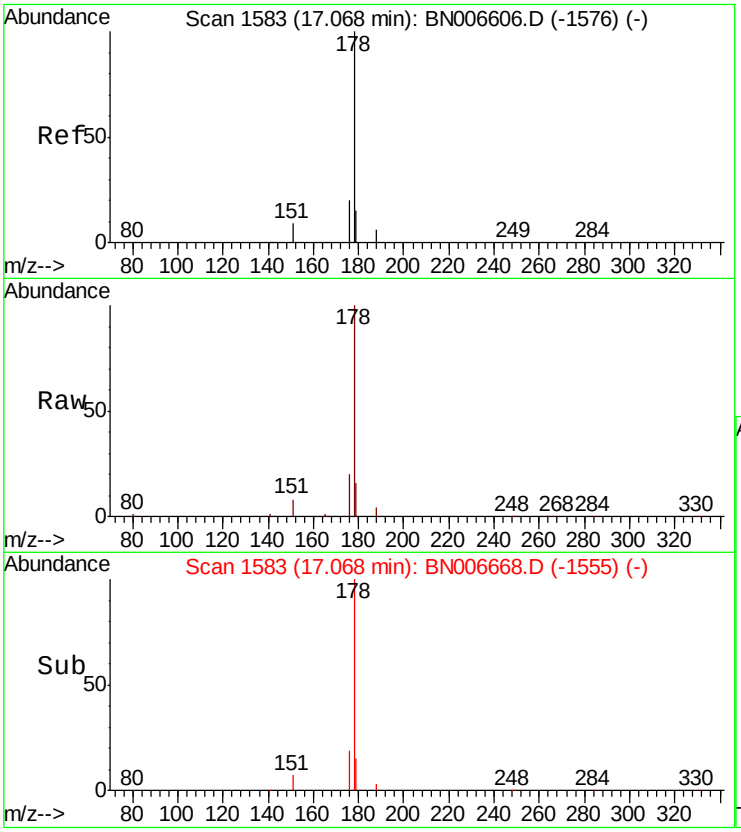


#22
Pentachlorophenol
Concen: 0.578 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:266 Resp: 1354

Ion	Ratio	Lower	Upper
266	100		
264	67.6	56.2	84.4
268	69.1	63.0	94.4



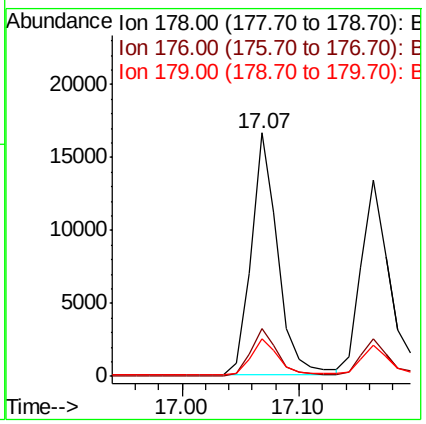


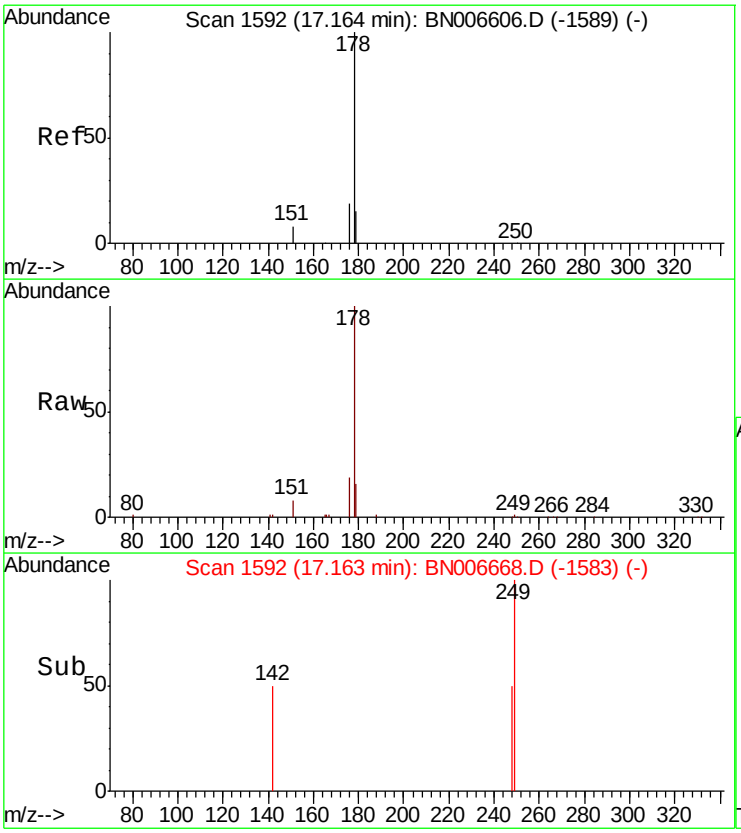
#23
Phenanthrene
Concen: 0.421 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26274

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.2	18.4

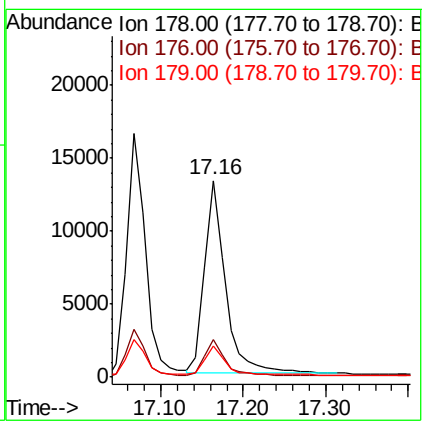


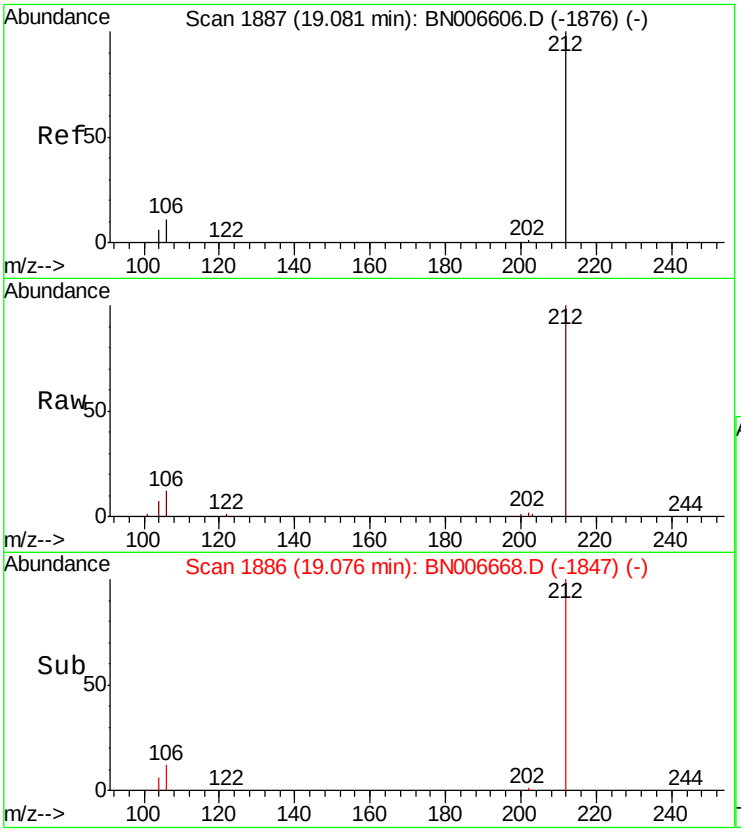


#24
Anthracene
Concen: 0.425 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:178 Resp: 23031

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.2	12.2	18.2



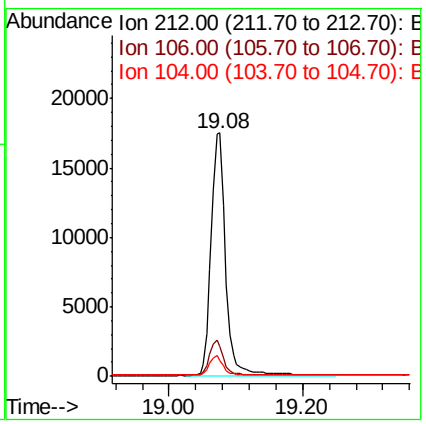


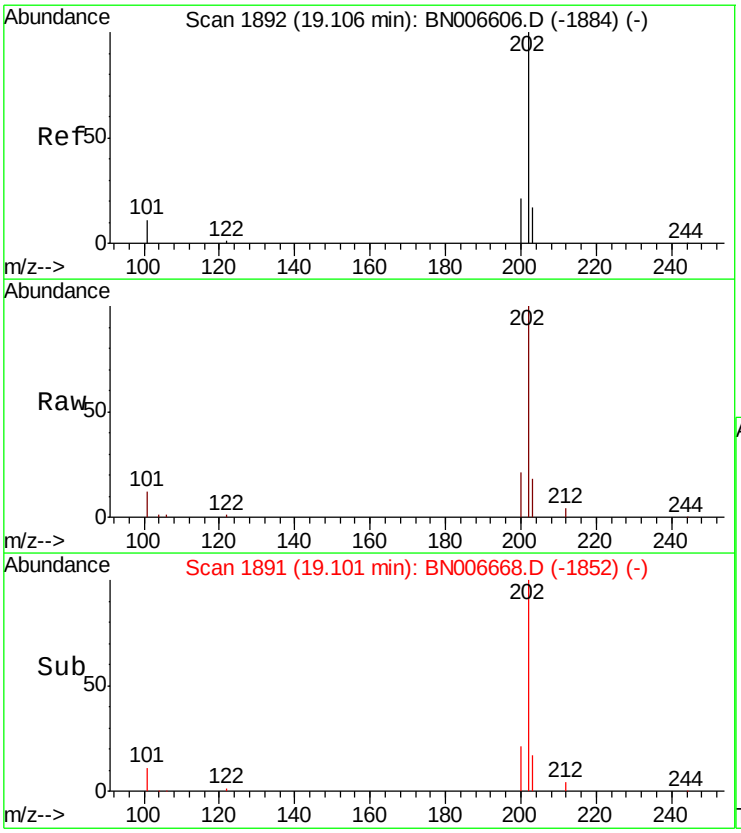
#25
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 26313

Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.6	15.8
104	7.5	5.8	8.6

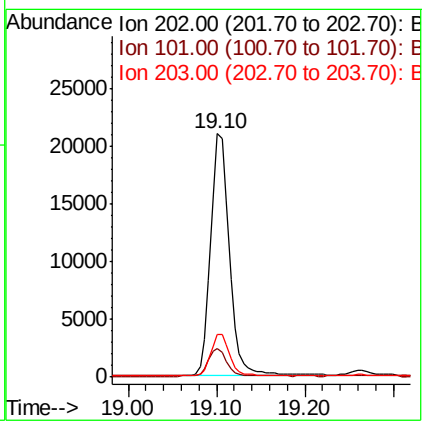


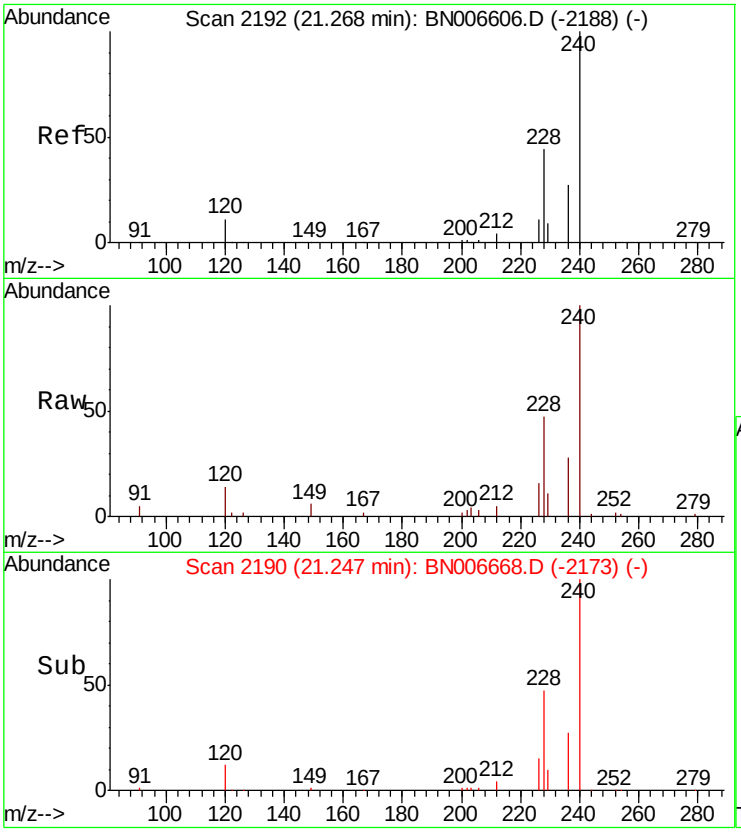


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:202 Resp: 31261

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	17.0	13.6	20.4



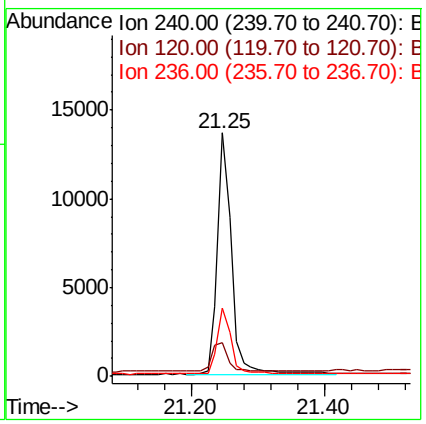


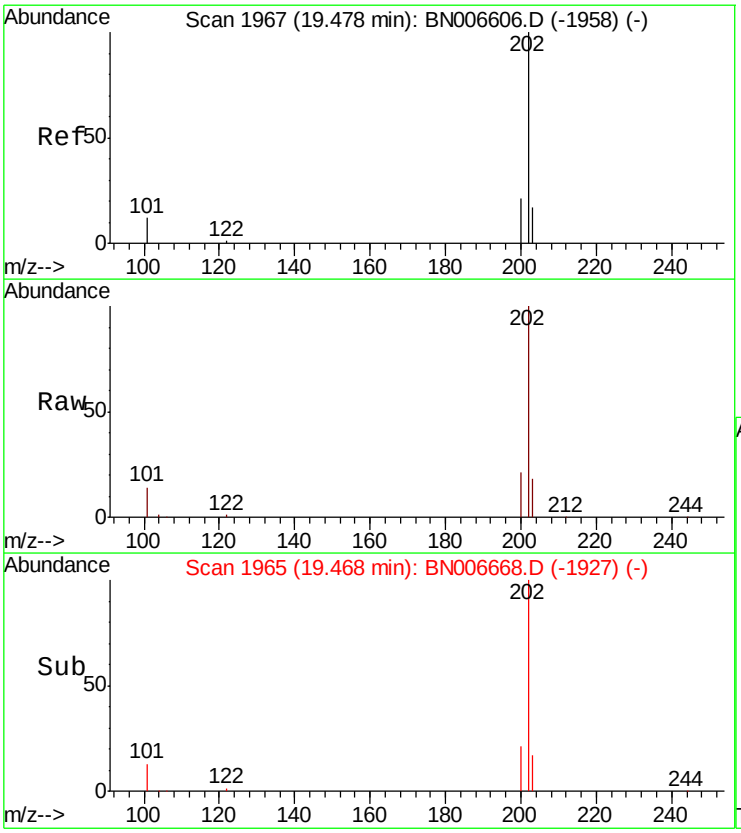
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 19563

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.9	14.9
236	28.2	22.2	33.4

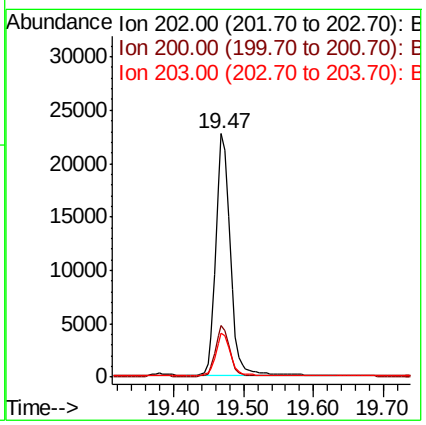


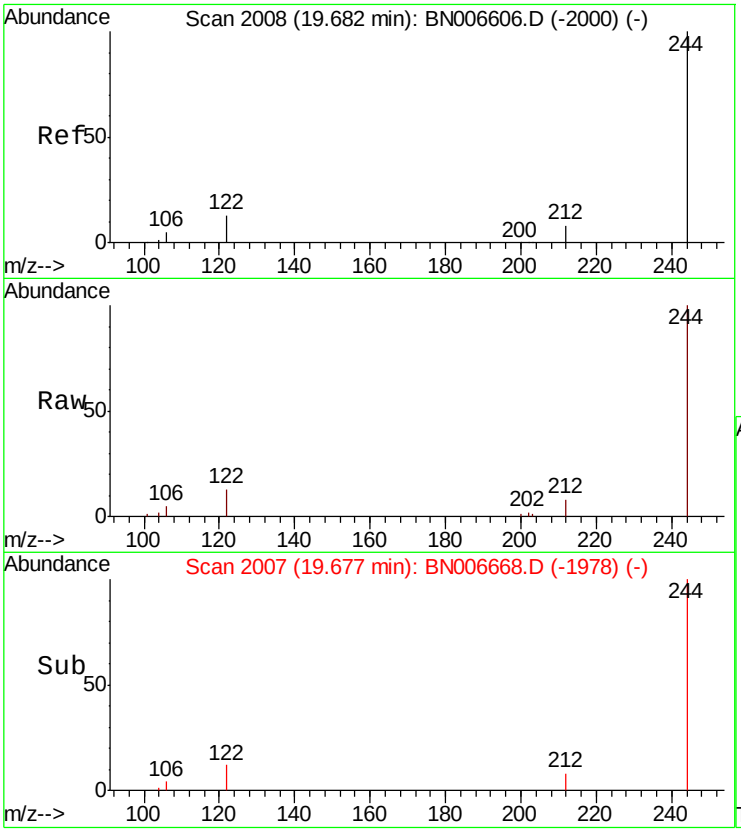


#28
Pyrene
Concen: 0.471 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:202 Resp: 32238

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.9	14.1	21.1



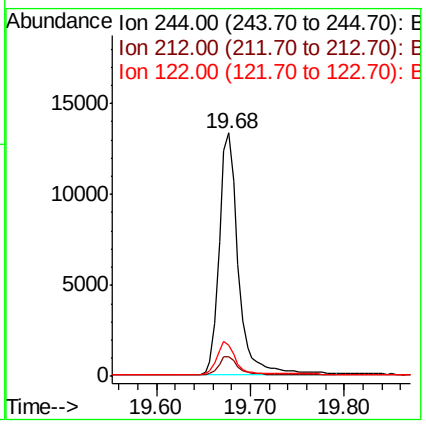


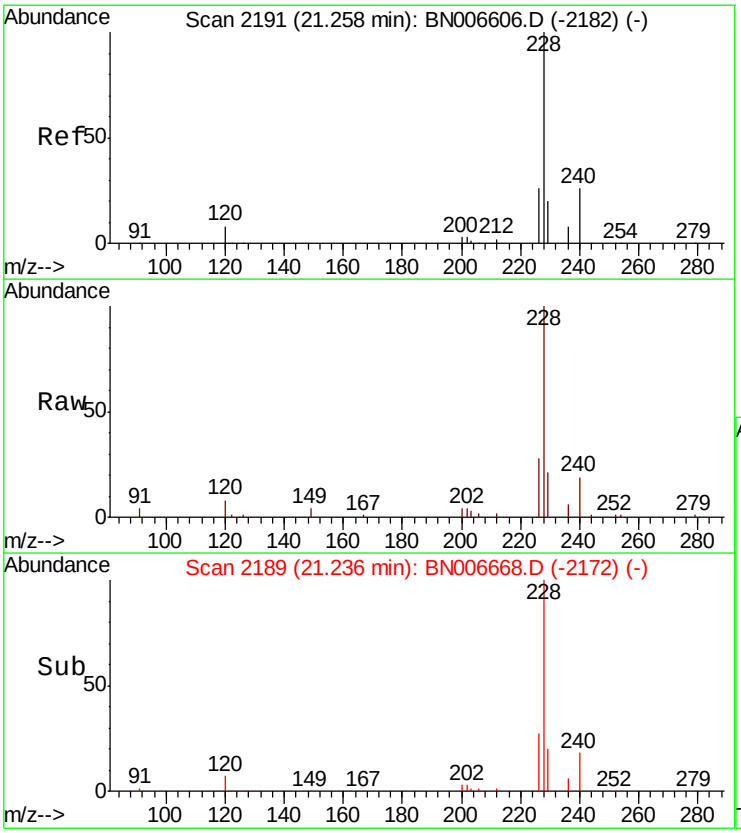
#29
Terphenyl-d14
Concen: 0.463 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18976

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

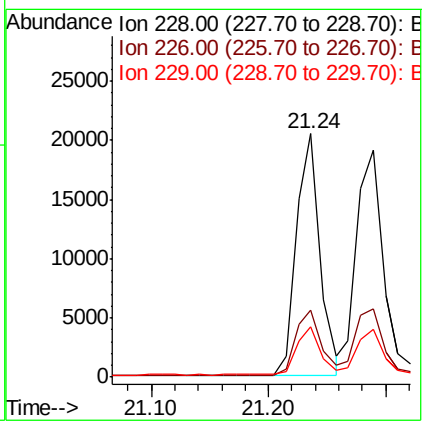


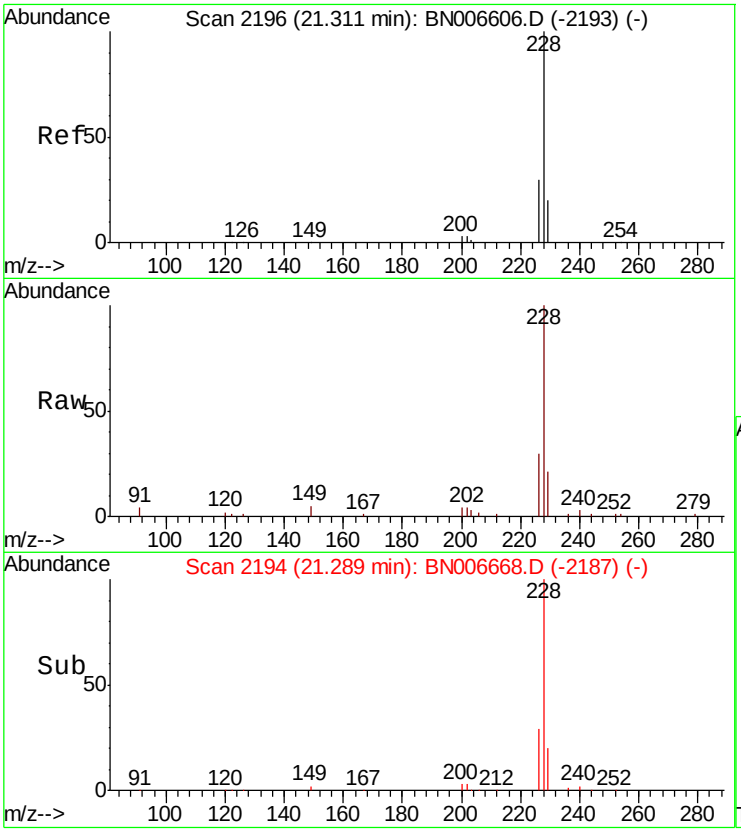


#30
Benzo(a)anthracene
Concen: 0.449 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:228 Resp: 28742

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.2	31.8
229	20.6	16.1	24.1



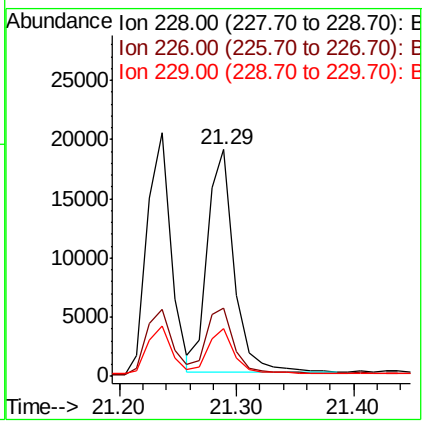


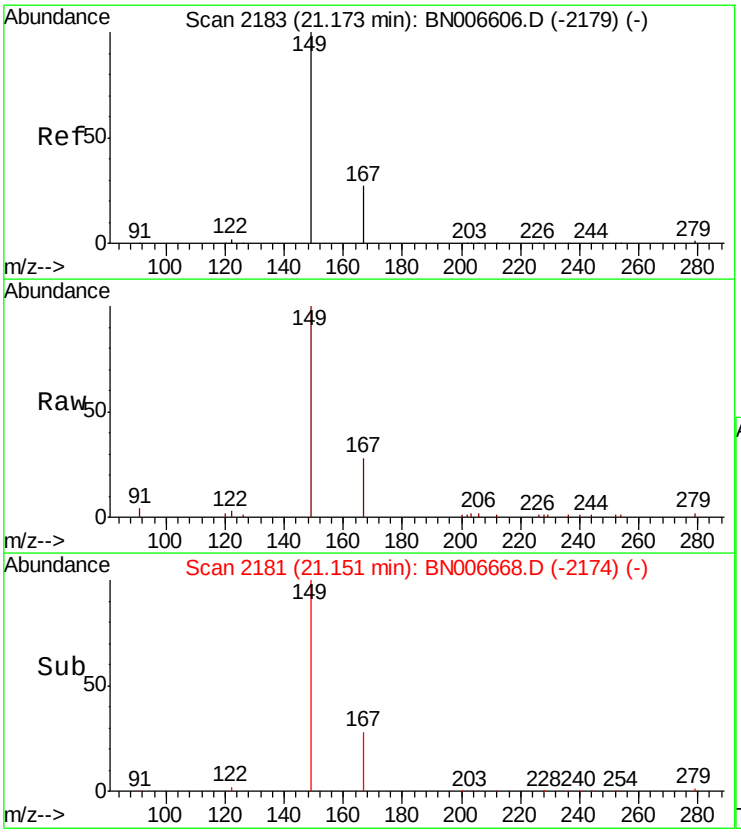
#31
Chrysene
Concen: 0.431 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 29736

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	20.9	15.9	23.9

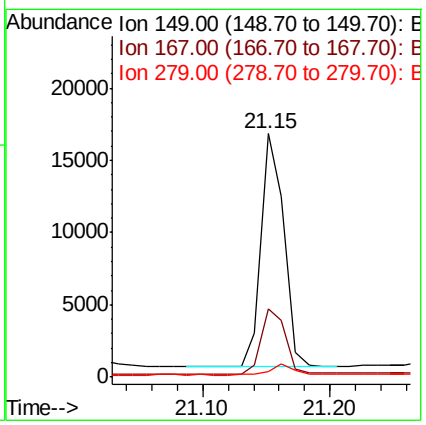


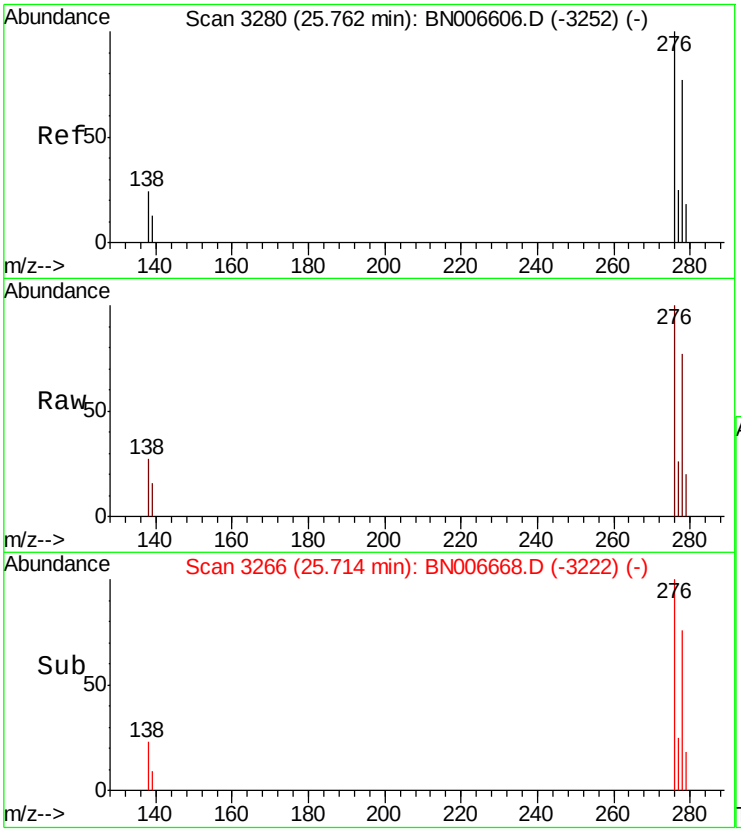


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.625 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:149 Resp: 20126

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.9	34.3
279	4.2	3.3	4.9



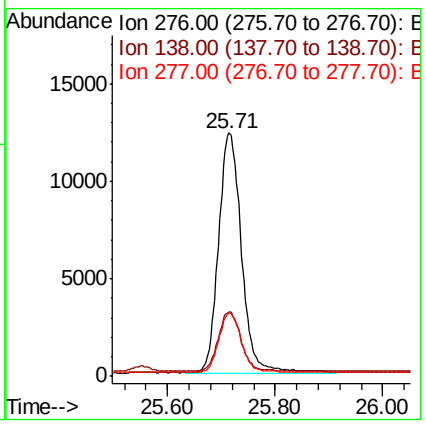


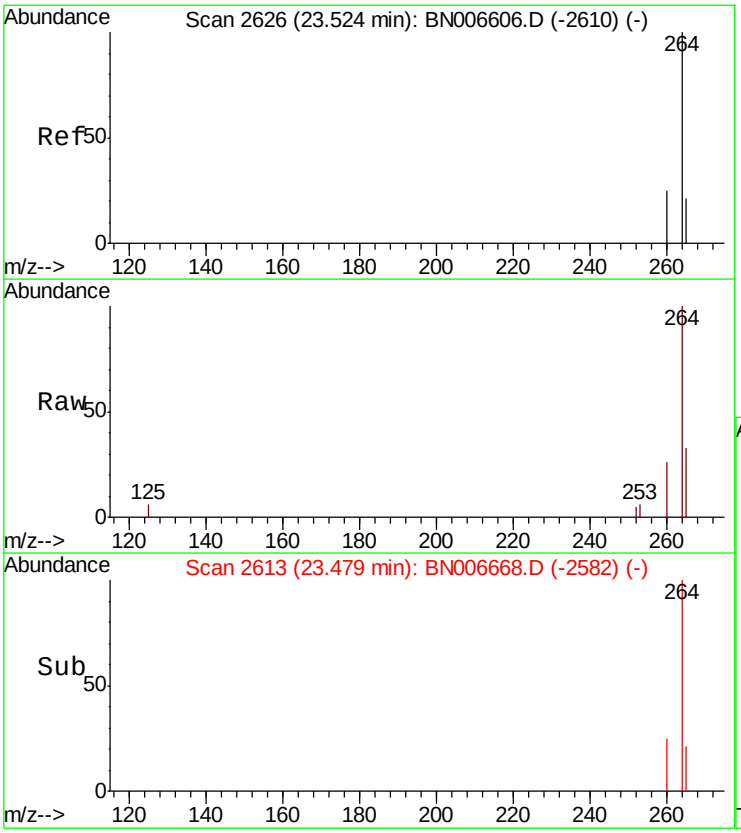
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.524 ng
RT: 25.71 min Scan# 3266
Delta R.T. -0.05 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 36579

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.3	28.9
277	24.5	19.9	29.9

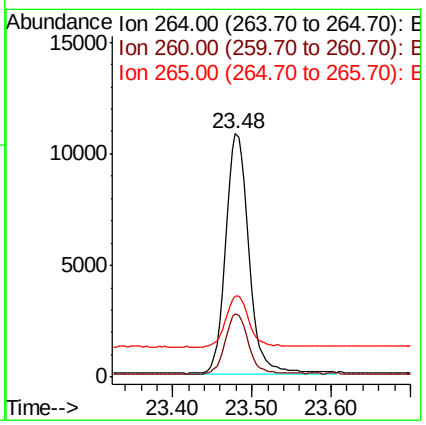


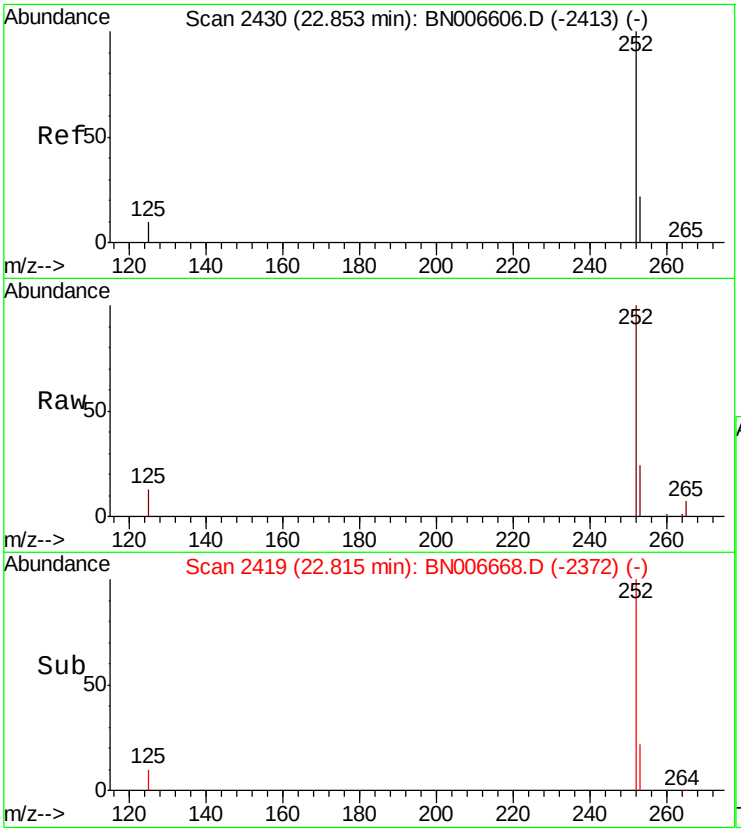


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2613
Delta R.T. -0.04 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:264 Resp: 21860

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.2
265	33.3	23.3	34.9



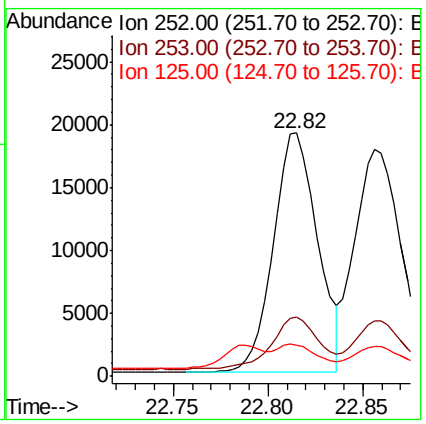


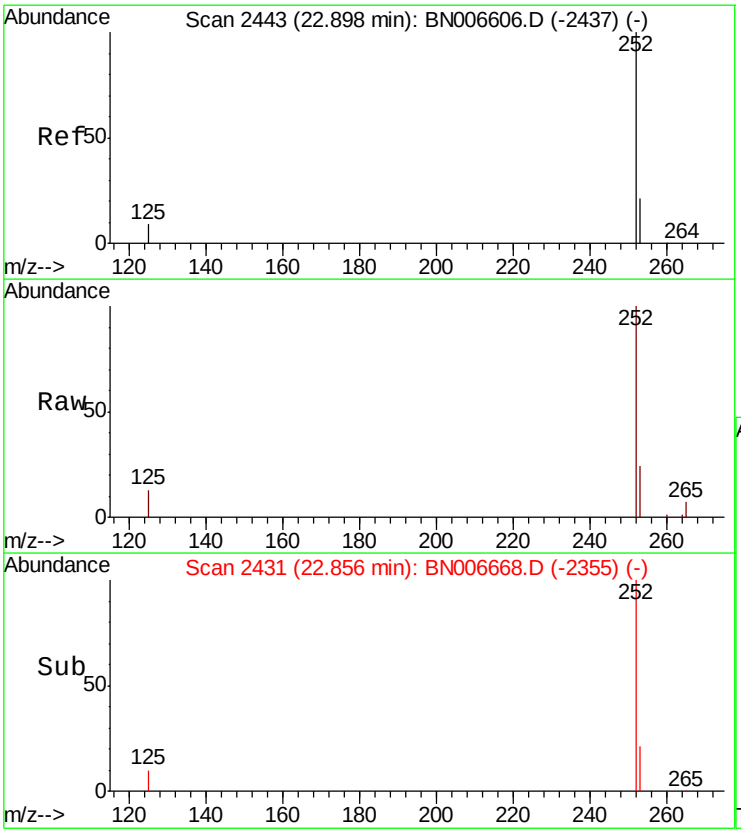
#35
Benzo(b)fluoranthene
Concen: 0.412 ng
RT: 22.82 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 30621

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	13.0	8.7	13.1

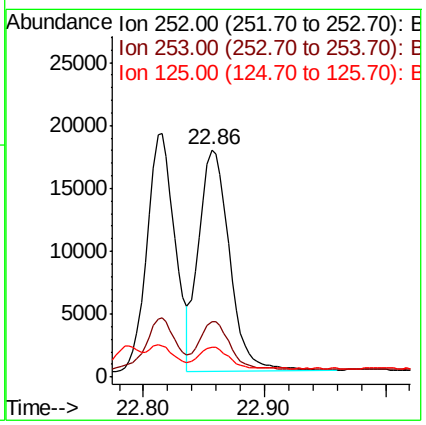


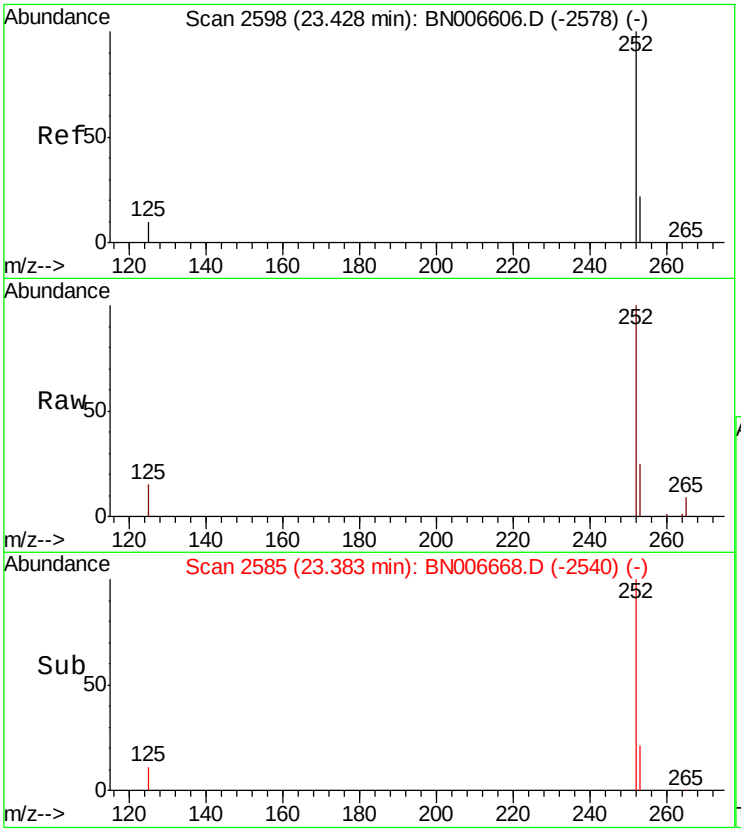


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.04 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:252 Resp: 31197

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	13.3	8.4	12.6#



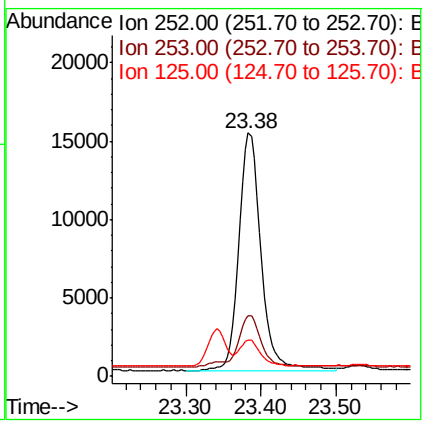


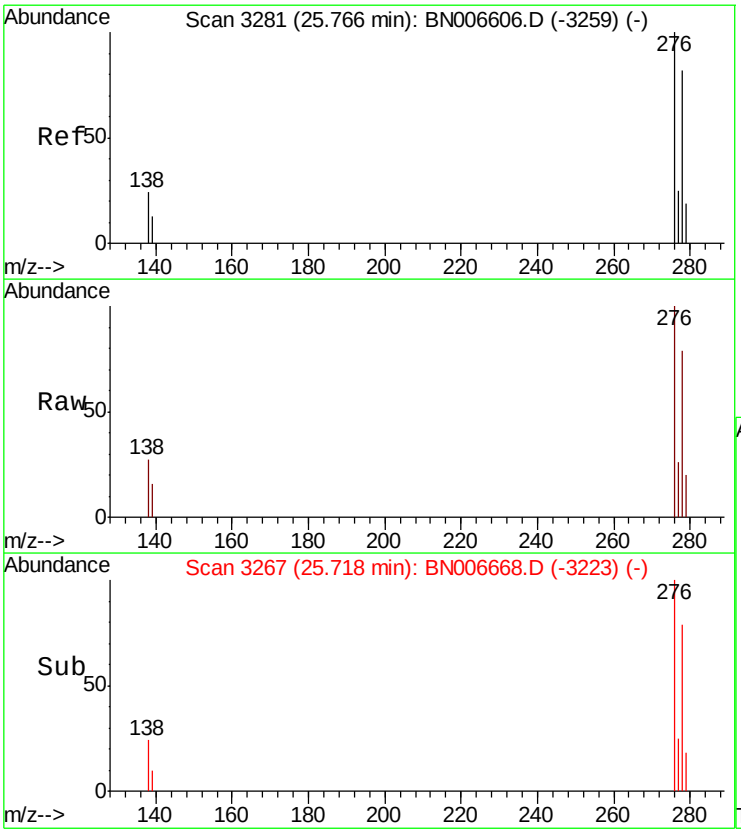
#37
Benzo(a)pyrene
Concen: 0.429 ng
RT: 23.38 min Scan# 2585
Delta R.T. -0.04 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 29855

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.8	28.2
125	14.8	9.4	14.2#

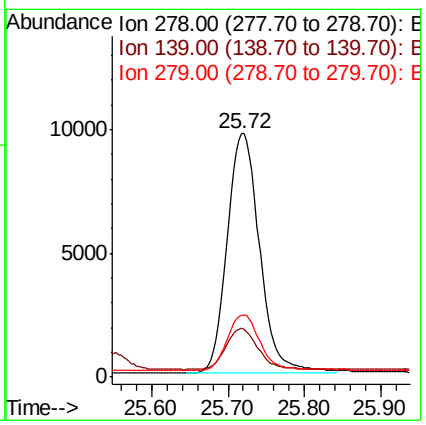


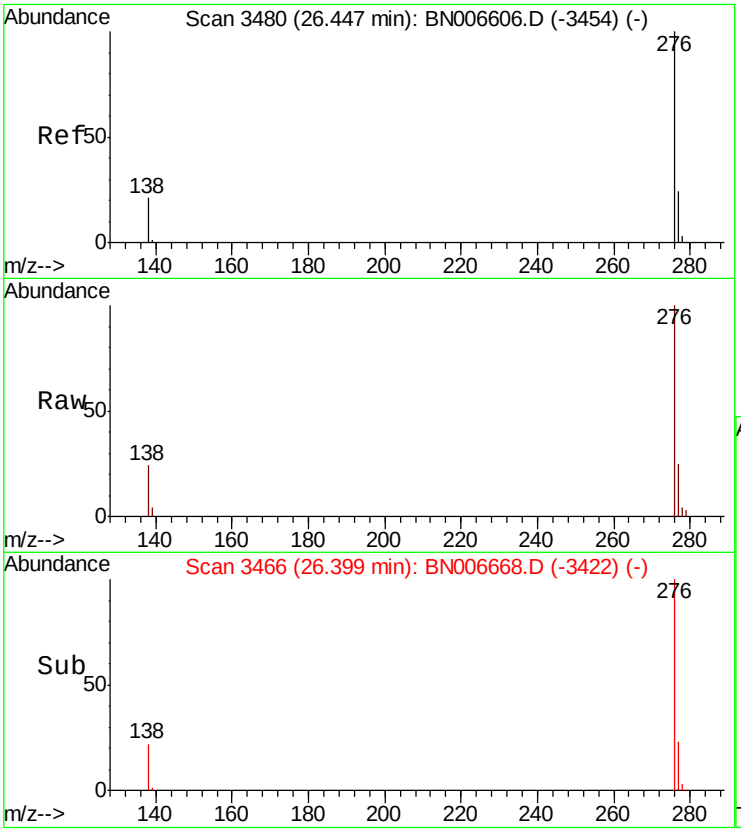


#38
Dibenzo(a,h)anthracene
Concen: 0.474 ng
RT: 25.72 min Scan# 3267
Delta R.T. -0.05 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Tgt Ion:278 Resp: 28785

Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.5	20.3
279	25.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.493 ng
RT: 26.40 min Scan# 3466
Delta R.T. -0.05 min
Lab File: BN006668.D
Acq: 01 Jul 2019 19:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 29910

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	23.8	17.7	26.5