Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006618.D
Acq On : 28 Jun 2019 18:08
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 29 01:11:28 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	7.63	152	3975	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	17285	0.40	ng		0.00
13) Acenaphthene-d10	14.28	164	11054	0.40	ng		0.00
19) Phenanthrene-d10	17.04	188	25665	0.40	ng		0.00
27) Chrysene-d12	21.25	240	25181	0.40	ng		-0.02
34) Perylene-d12	23.49	264	25116	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3450	0.35	ng		0.00
5) Phenol-d6	6.83	99	4606	0.36	ng		0.00
8) Nitrobenzene-d5	8.81	82	4070	0.35	ng		0.01
11) 2-Methylnaphthalene-d10	12.01	152	11020	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1745	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	16290	0.40	ng		0.00
25) Fluoranthene-d10	19.08	212	29703	0.39	ng		0.00
29) Terphenyl-d14	19.68	244	21616	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	2146	0.390	ng		92
3) n-Nitrosodimethylamine	3.50	42	1434	0.332	ng	#	93
6) bis(2-Chloroethyl)ether	7.07	93	4462	0.388	ng		98
9) Naphthalene	10.45	128	18521	0.408	ng		100
10) Hexachlorobutadiene	10.73	225	3941	0.422	ng	#	99
12) 2-Methylnaphthalene	12.08	142	12819	0.408	ng		100
16) Acenaphthylene	13.99	152	20023	0.380	ng		100
17) Acenaphthene	14.33	154	14122	0.407	ng		100
18) Fluorene	15.34	166	17723	0.405	ng		99
20) 4-Bromophenyl-phenylether	16.23	248	5571	0.392	ng		99
21) Hexachlorobenzene	16.34	284	7514	0.418	ng		100
22) Pentachlorophenol	16.74	266	782	0.383	ng		95
23) Phenanthrene	17.08	178	29406	0.403	ng		100
24) Anthracene	17.17	178	23683	0.374	ng		100
26) Fluoranthene	19.11	202	35694	0.402	ng		100
28) Pyrene	19.47	202	36544	0.415	ng		100
30) Benzo(a)anthracene	21.24	228	32472	0.394	ng		99
31) Chrysene	21.29	228	35247	0.397	ng		100
32) Bis(2-ethylhexyl)phthalate	21.16	149	13331	0.322	ng		99
33) Indeno(1,2,3-cd)pyrene	25.72	276	34767	0.387	ng		100
35) Benzo(b)fluoranthene	22.82	252	36504	0.427	ng		99
36) Benzo(k)fluoranthene	22.86	252	38909	0.427	ng		100
37) Benzo(a)pyrene	23.39	252	33457	0.419	ng		99
38) Dibenzo(a,h)anthracene	25.72	278	27891	0.400	ng		99
39) Benzo(g,h,i)perylene	26.40	276	27747	0.398	ng		99

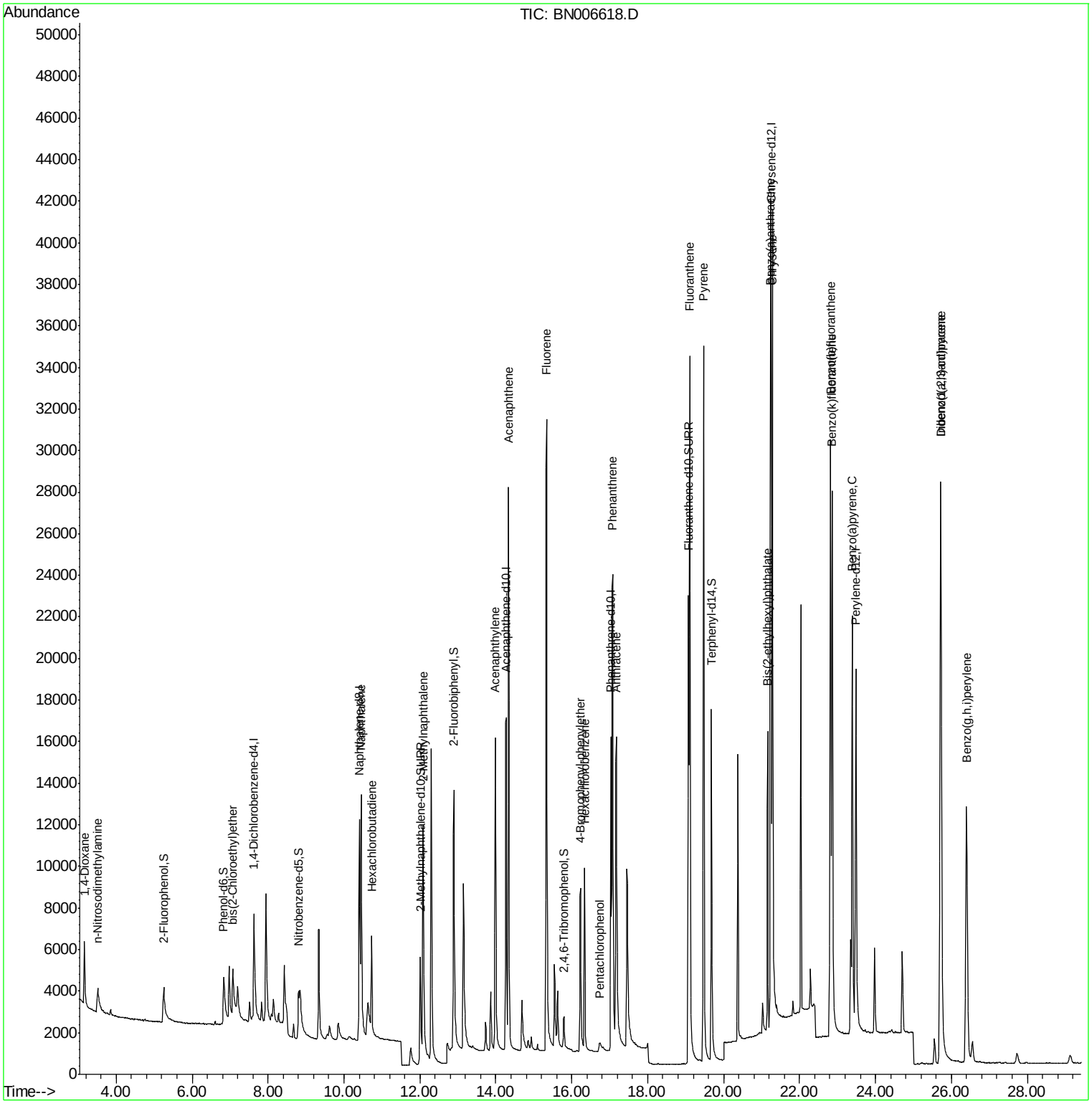
(#) = qualifier out of range (m) = manual integration (+) = signals summed

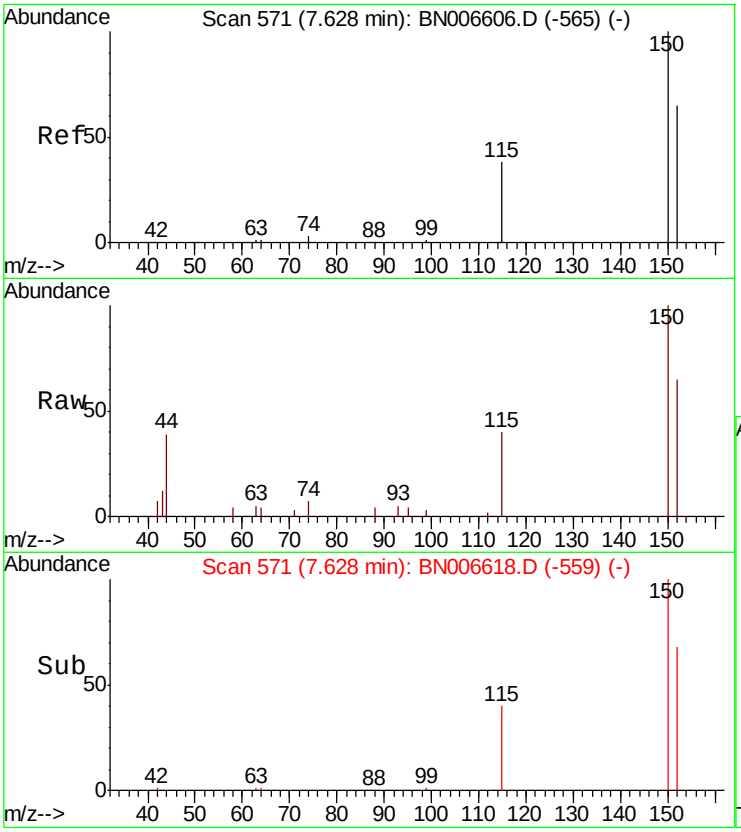
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006618.D
Acq On : 28 Jun 2019 18:08
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 29 01:11:28 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



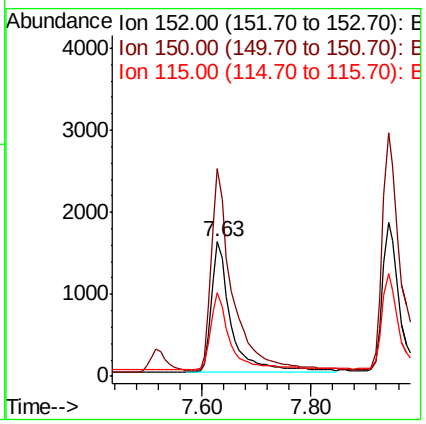


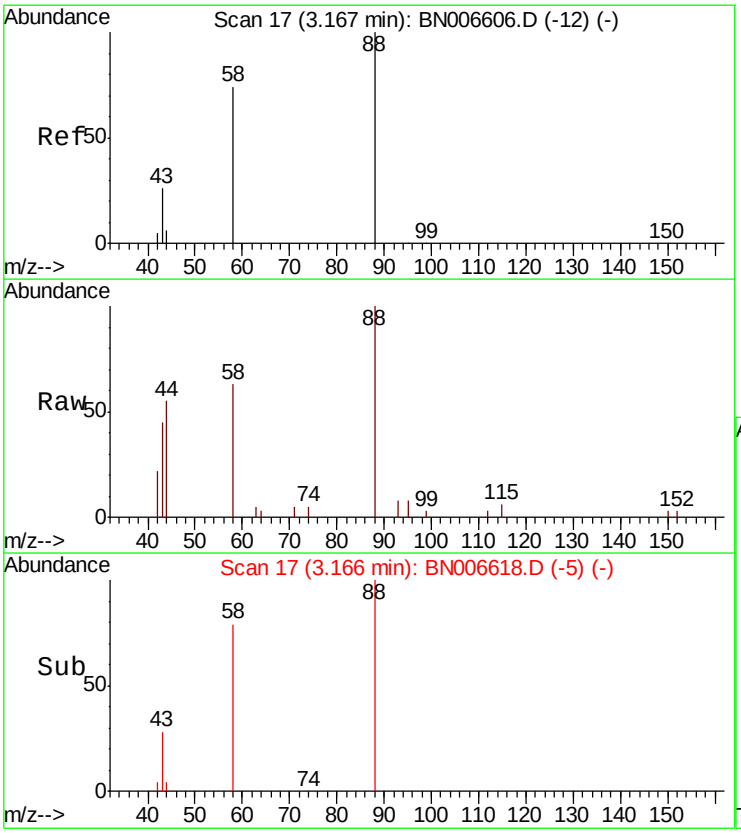
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3975

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.2	183.2
115	62.5	50.0	75.0

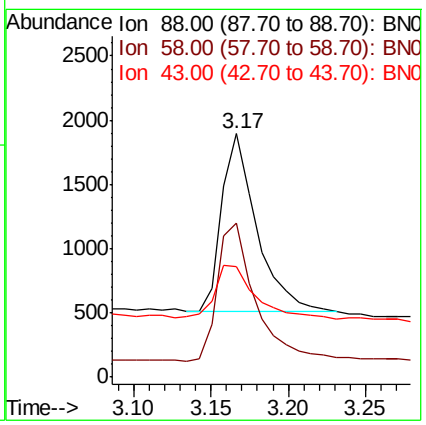


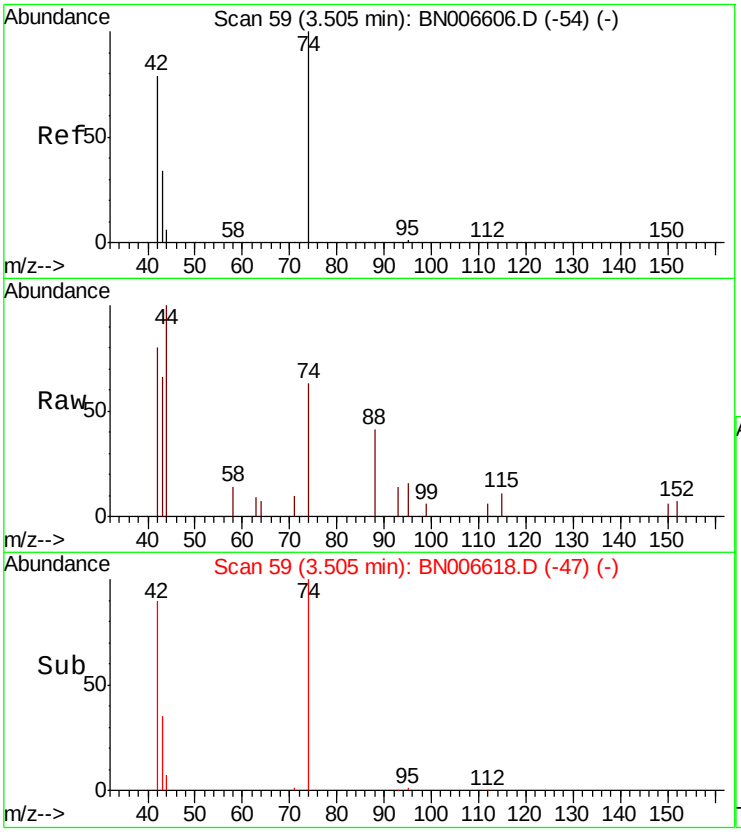


#2
1,4-Dioxane
Concen: 0.390 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion: 88 Resp: 2146

Ion	Ratio	Lower	Upper
88	100		
58	84.8	62.5	93.7
43	36.2	25.4	38.0



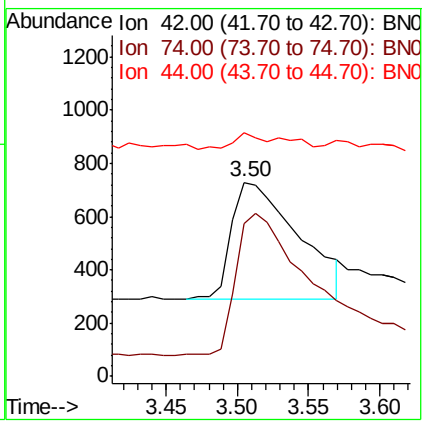


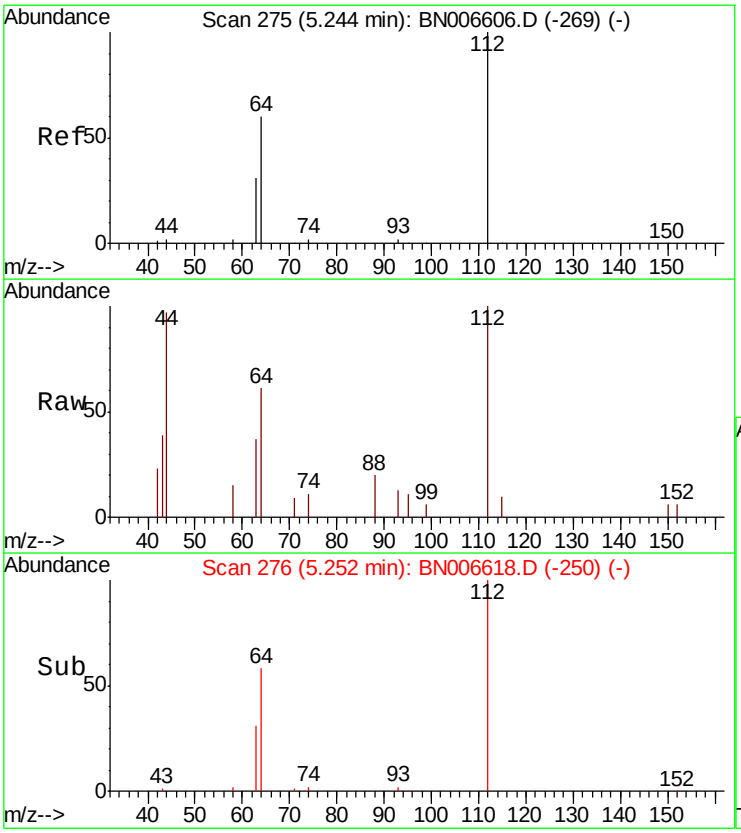
#3
n-Nitrosodimethylamine
Concen: 0.332 ng
RT: 3.50 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1434

Ion	Ratio	Lower	Upper
42	100		
74	121.0	103.1	154.7
44	5.4	3.4	5.2#

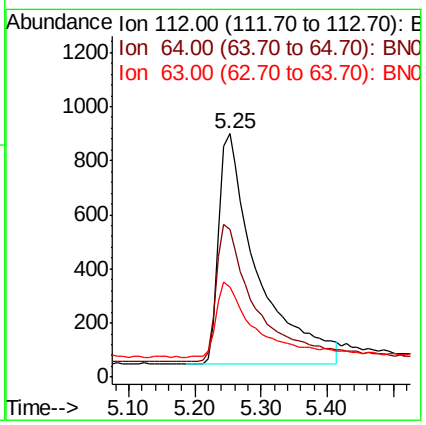


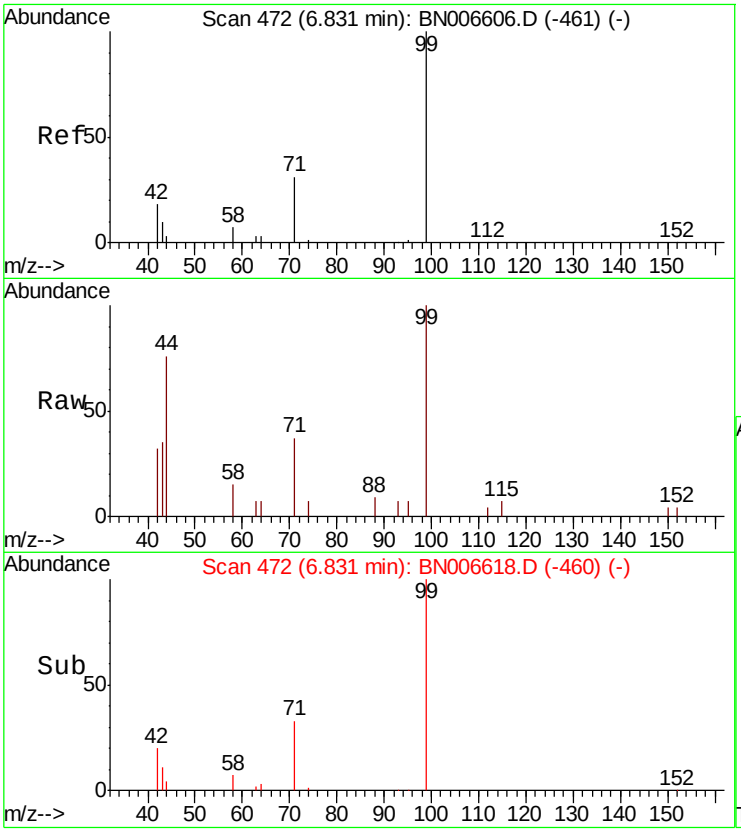


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:112 Resp: 3450

Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.9	73.3
63	32.9	24.3	36.5



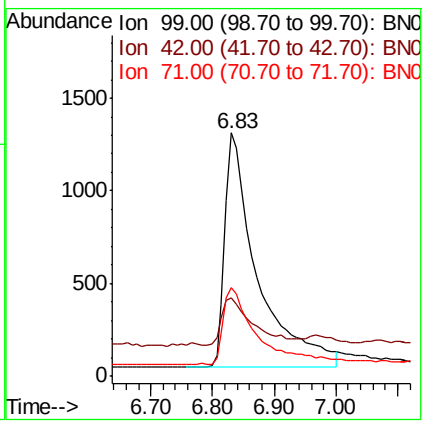


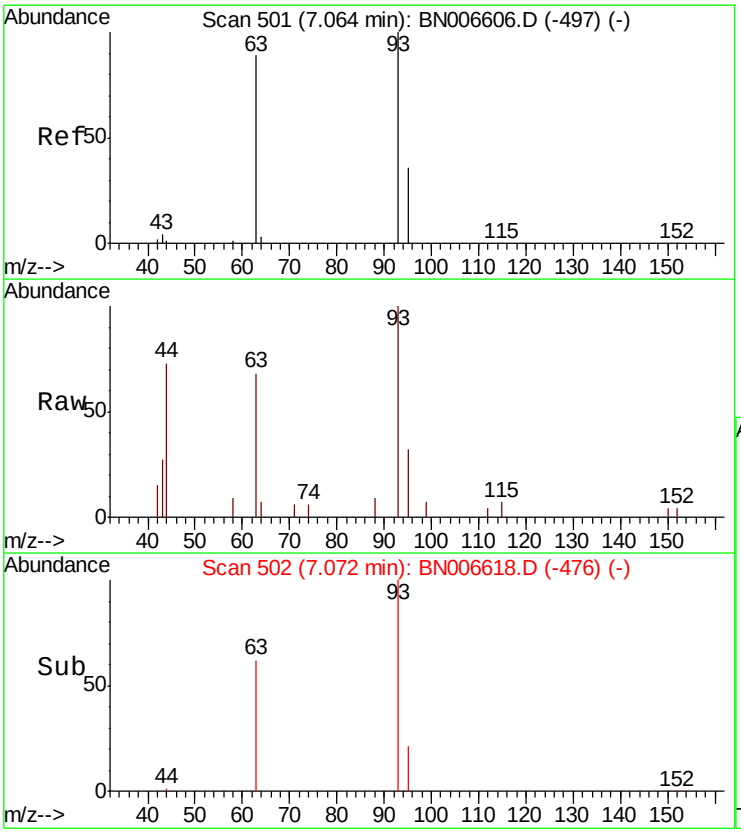
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4606

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.4	24.6
71	33.9	26.6	40.0

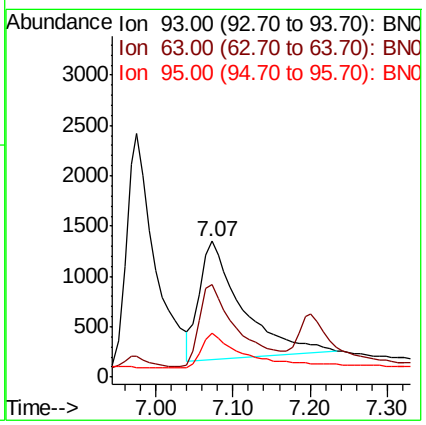


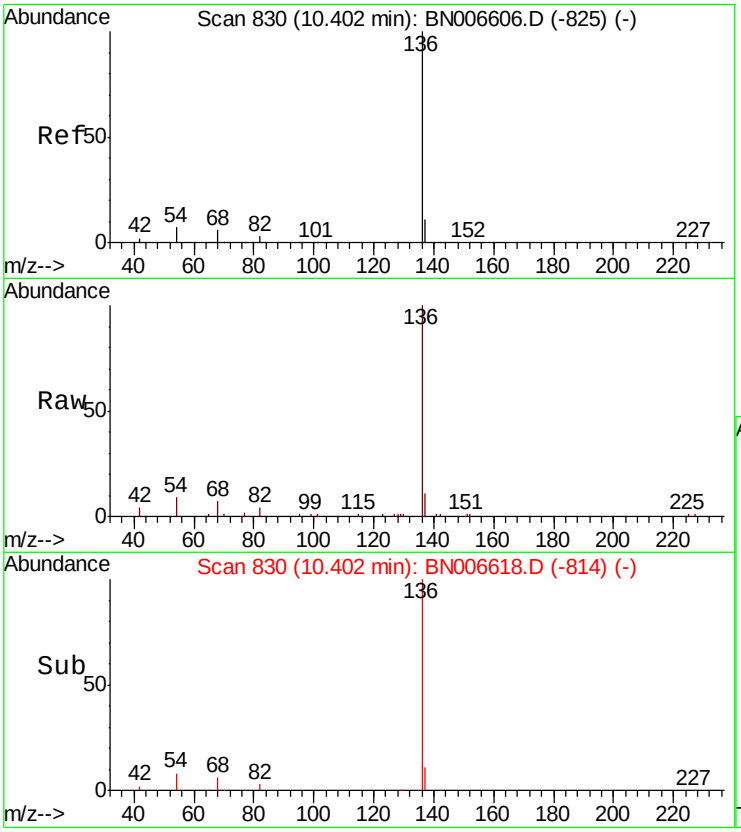


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.07 min Scan# 502
Delta R.T. 0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion: 93 Resp: 4462

Ion	Ratio	Lower	Upper
93	100		
63	63.3	52.5	78.7
95	30.1	24.2	36.4



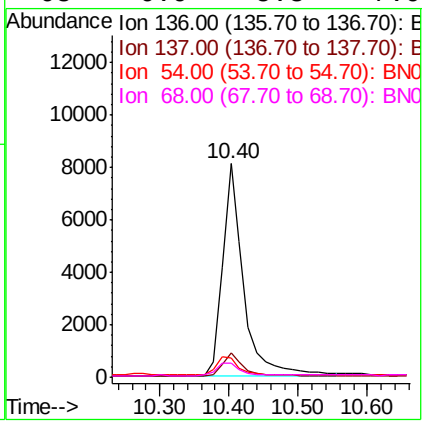


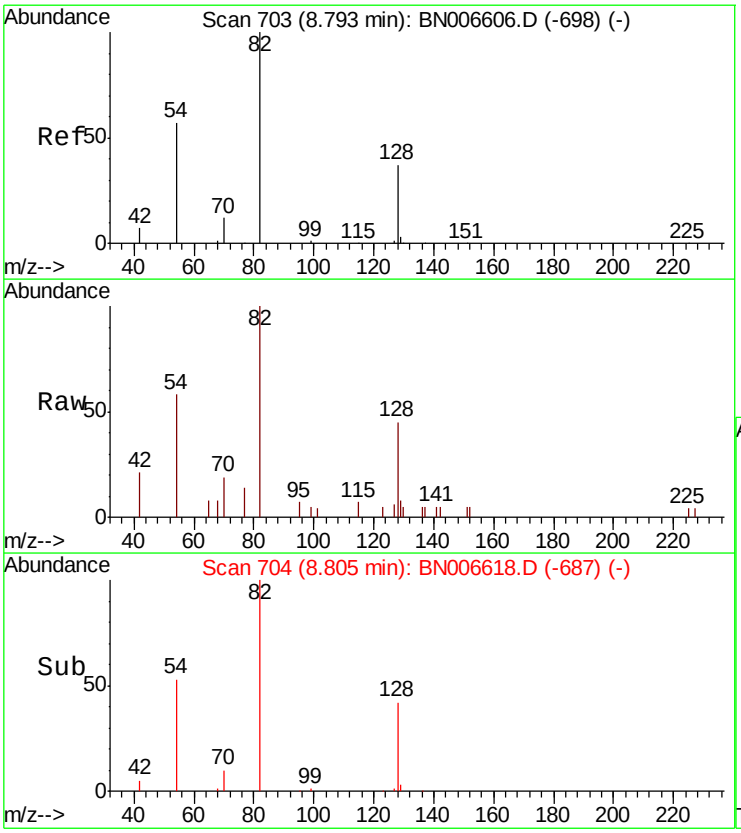
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 17285

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.8	6.7	10.1
68	6.9	5.3	7.9

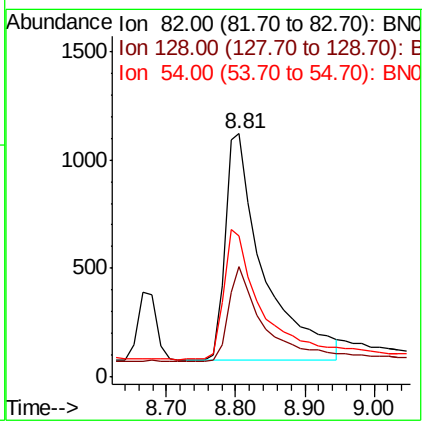


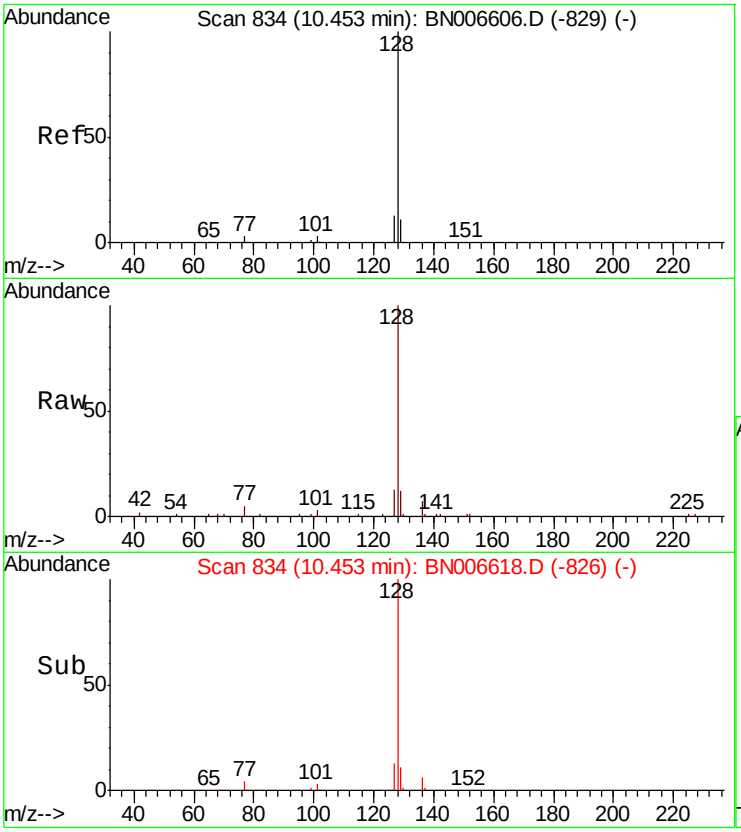


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.81 min Scan# 704
Delta R.T. 0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion: 82 Resp: 4070

Ion	Ratio	Lower	Upper
82	100		
128	45.5	32.6	49.0
54	57.7	48.2	72.4



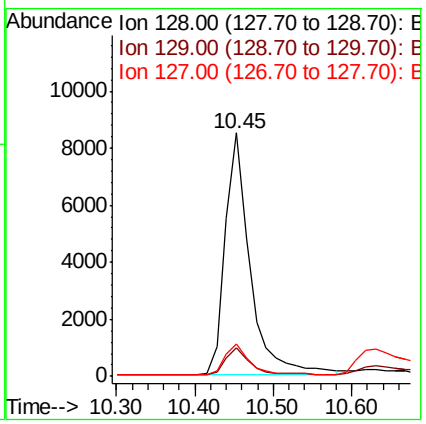


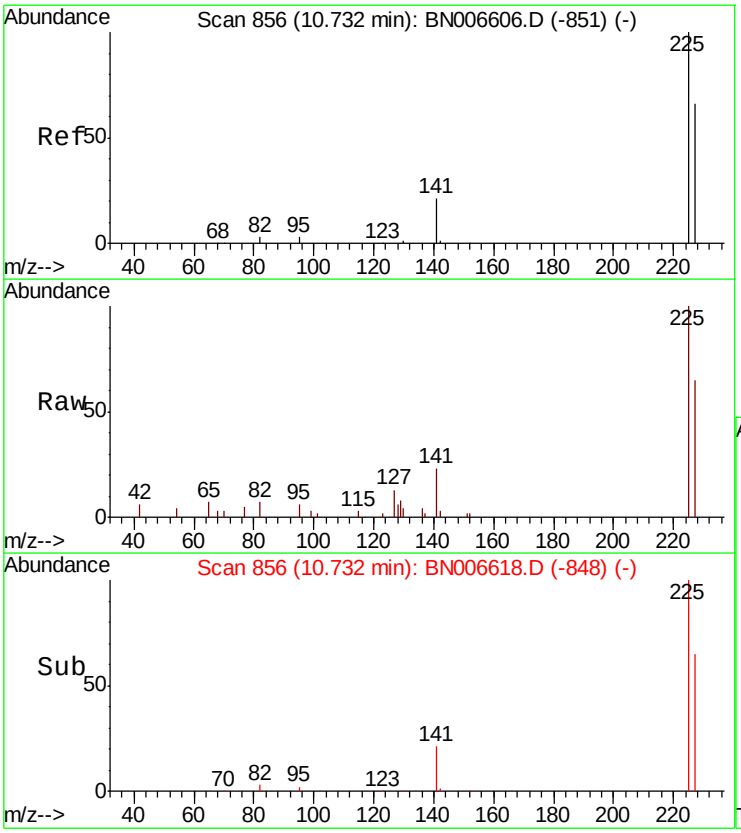
#9
Naphthalene
Concen: 0.408 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18521

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.4	10.8	16.2

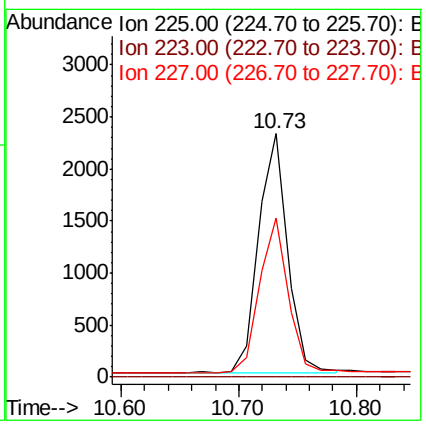


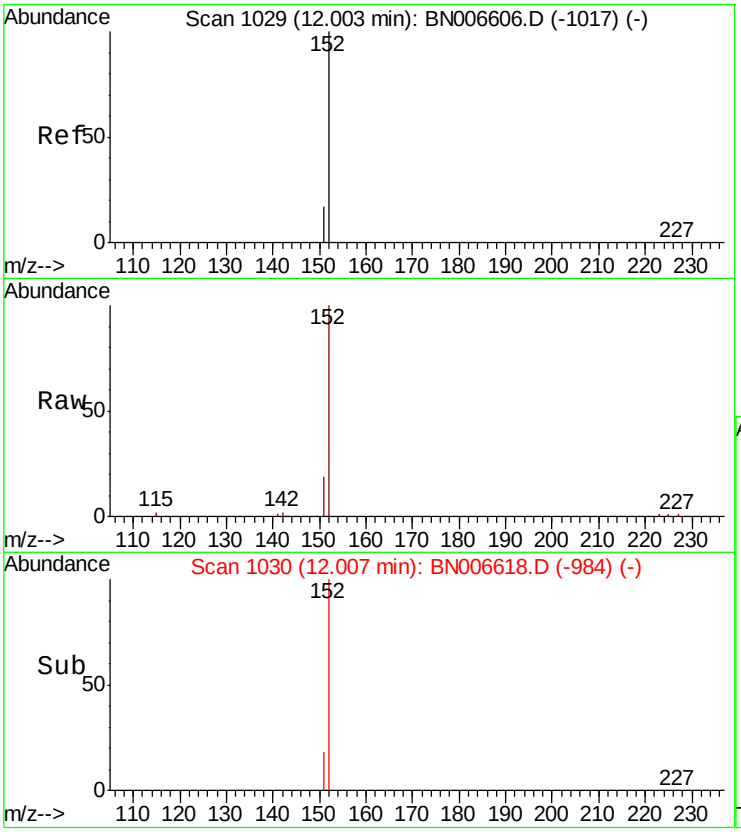


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.73 min Scan# 856
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:225 Resp: 3941

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.4	77.2



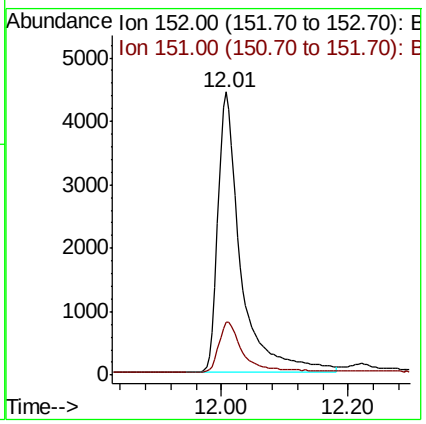


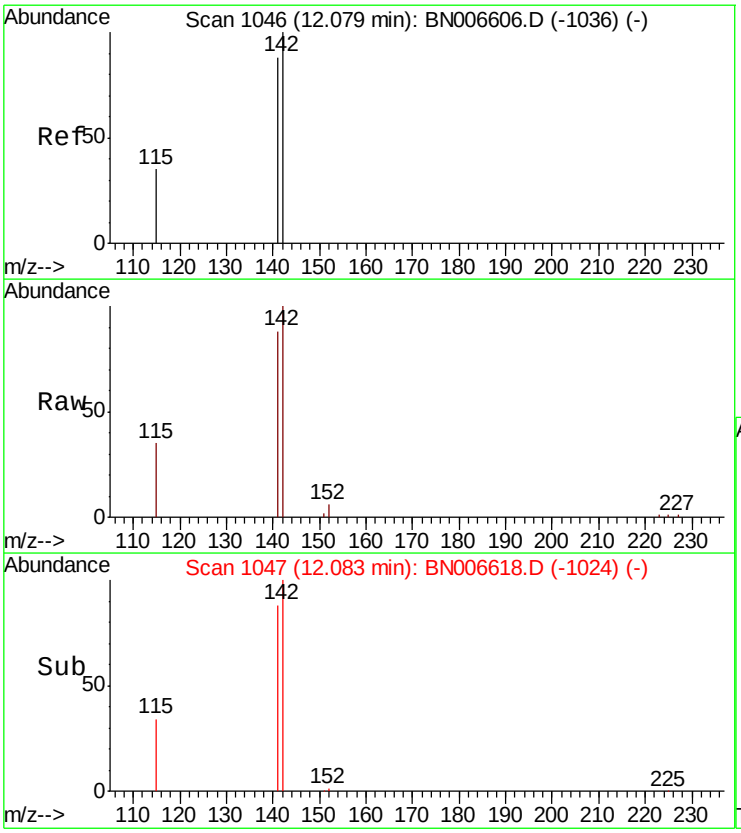
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.01 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11020

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.4

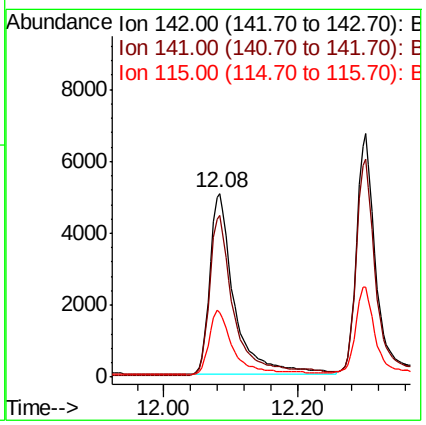


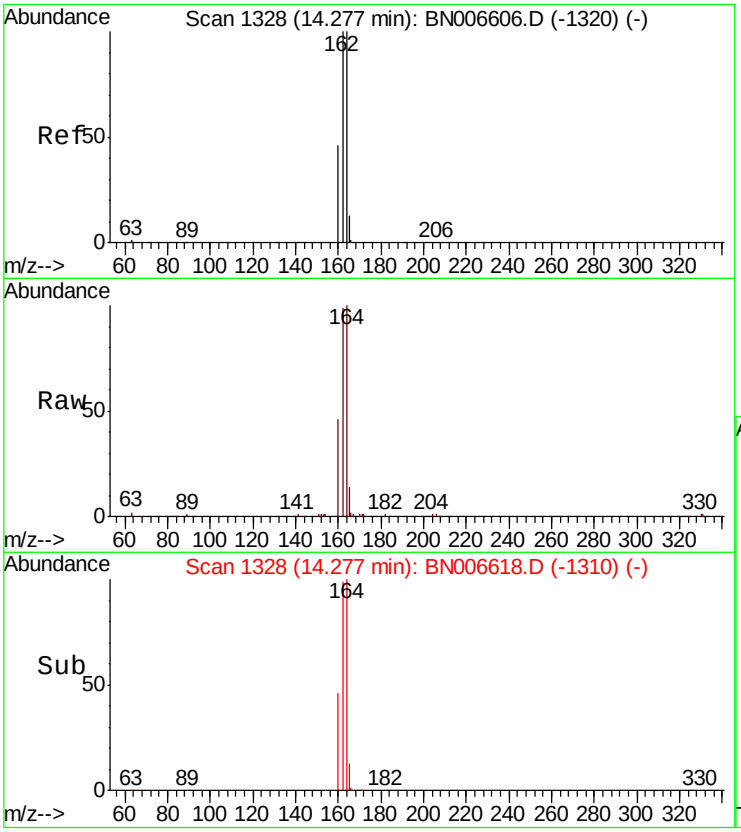


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:142 Resp: 12819

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.4
115	35.2	28.5	42.7



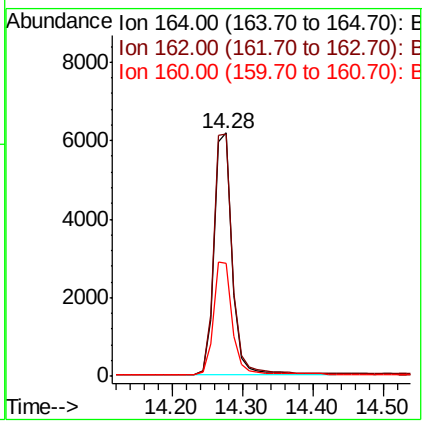


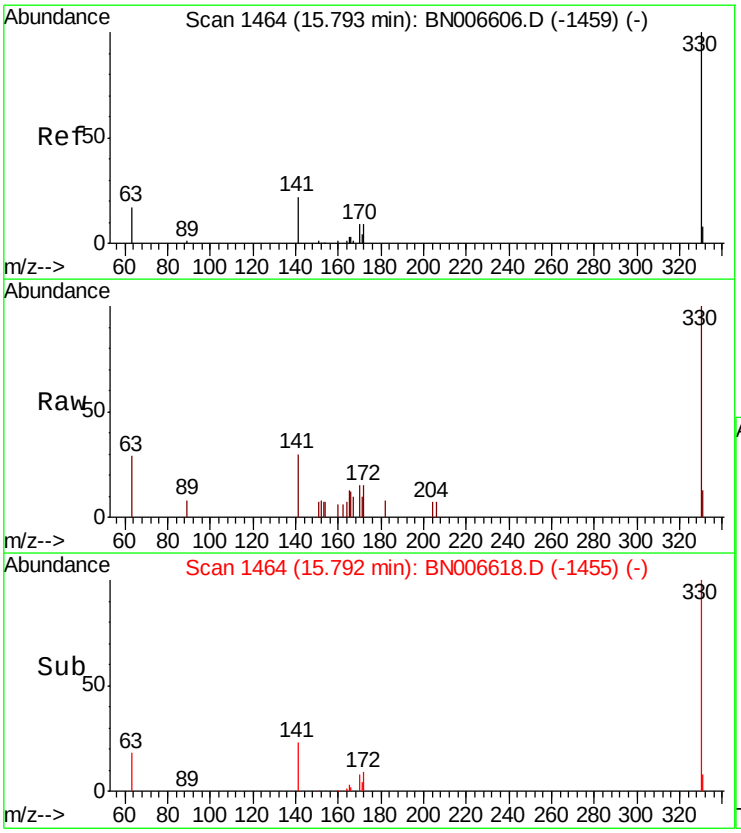
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.28 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 11054

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.0	120.0
160	46.3	37.0	55.4

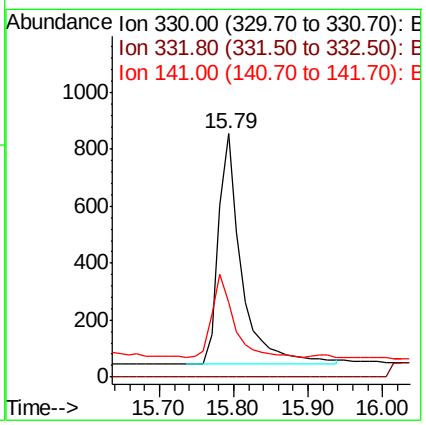


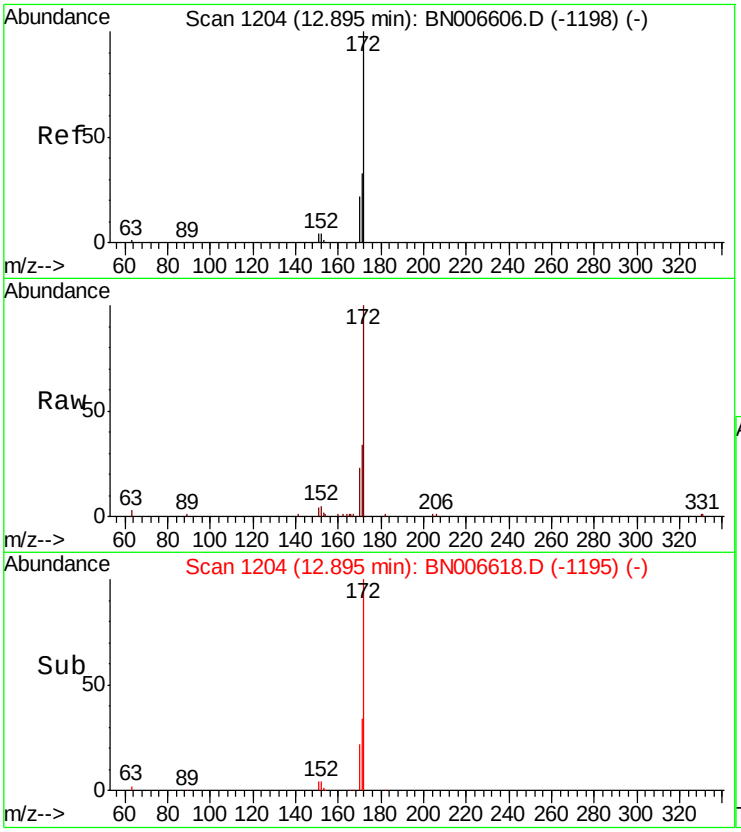


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:330 Resp: 1745

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



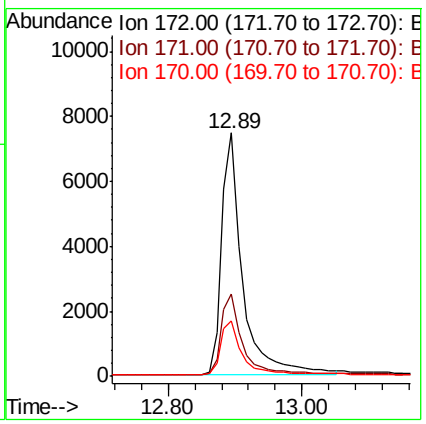


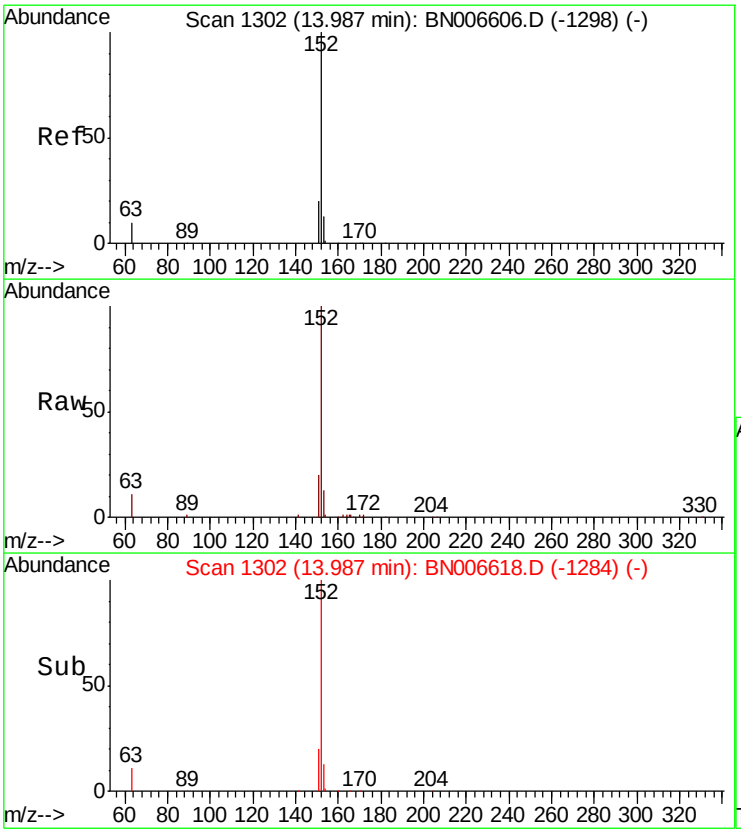
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16290

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.0	40.4
170	22.7	17.7	26.5

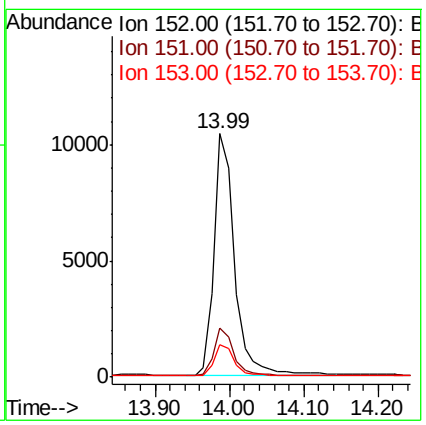


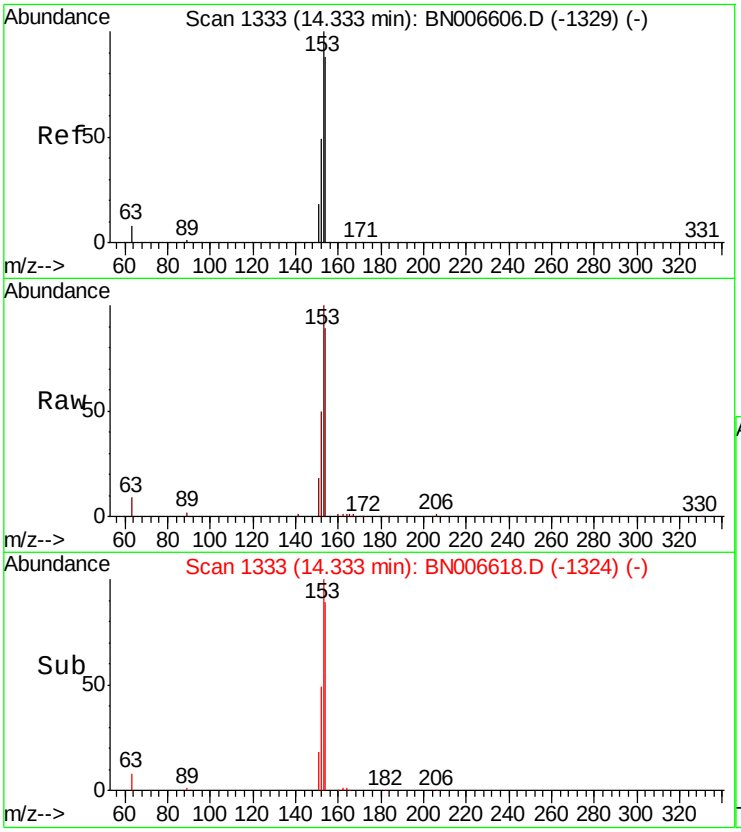


#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:152 Resp: 20023

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.9	10.5	15.7



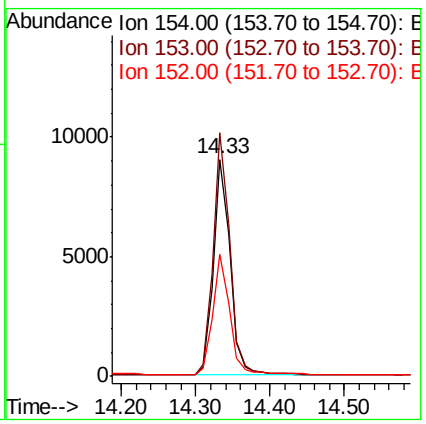


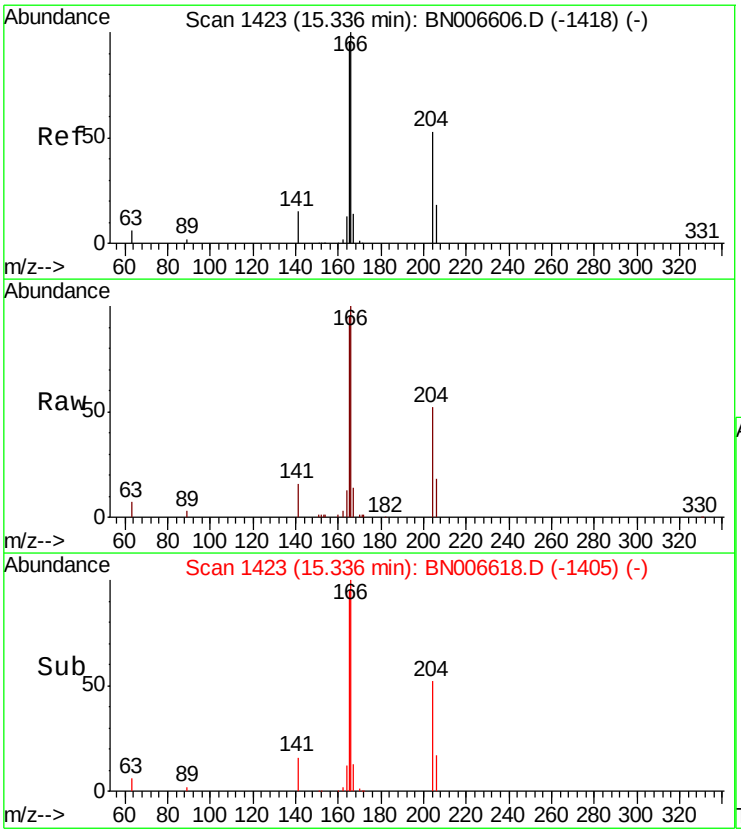
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 14122

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.2	135.4
152	55.1	44.2	66.4

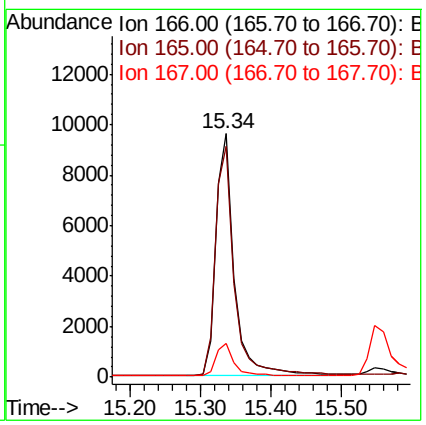


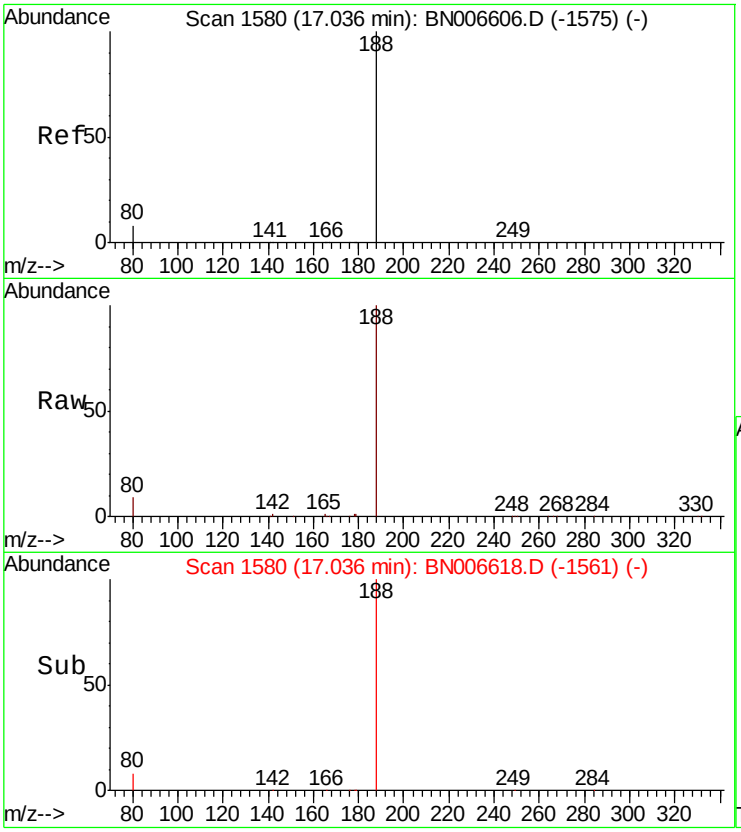


#18
Fluorene
Concen: 0.405 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:166 Resp: 17723

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.6	10.8	16.2



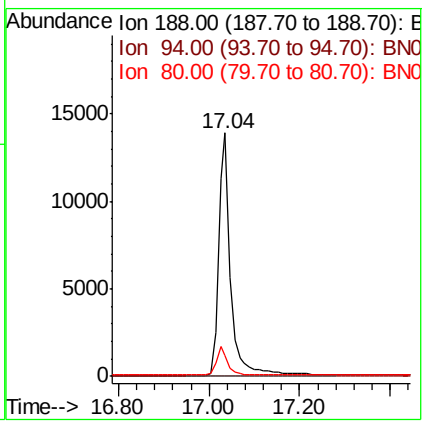


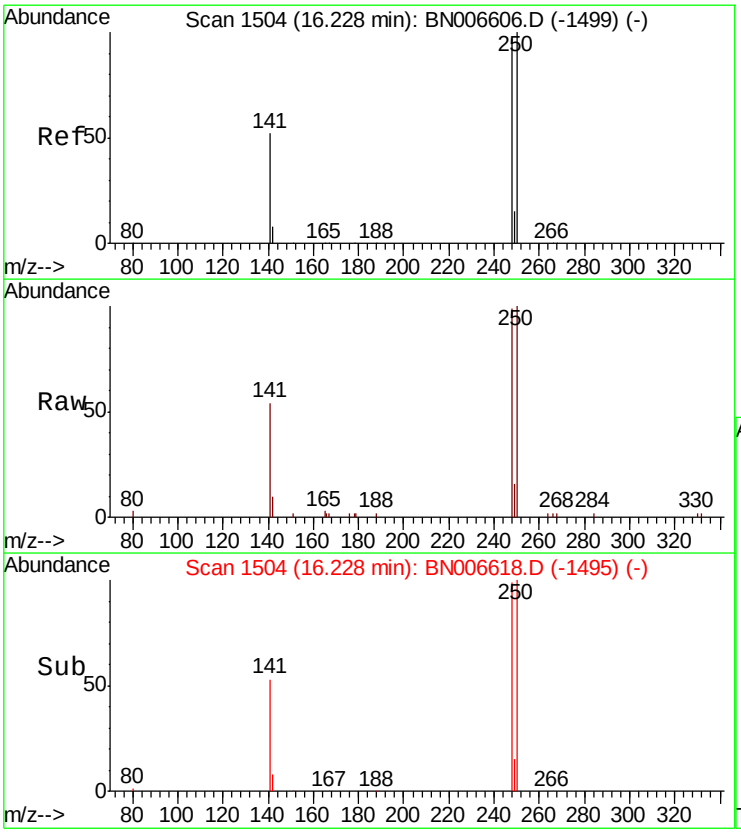
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 25665

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.1	10.7

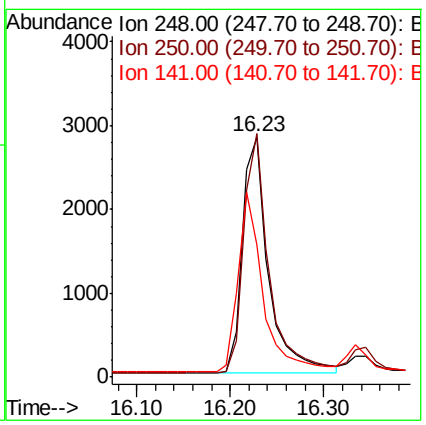


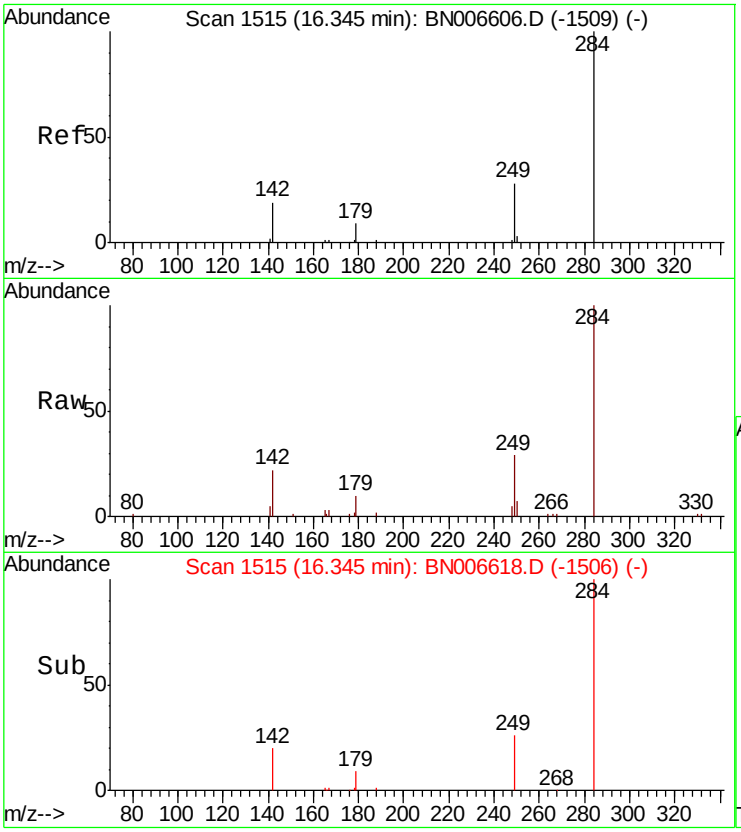


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.23 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:248 Resp: 5571

Ion	Ratio	Lower	Upper
248	100		
250	101.5	82.2	123.4
141	55.0	43.8	65.8



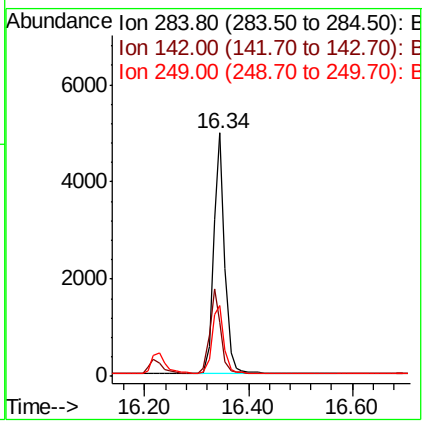


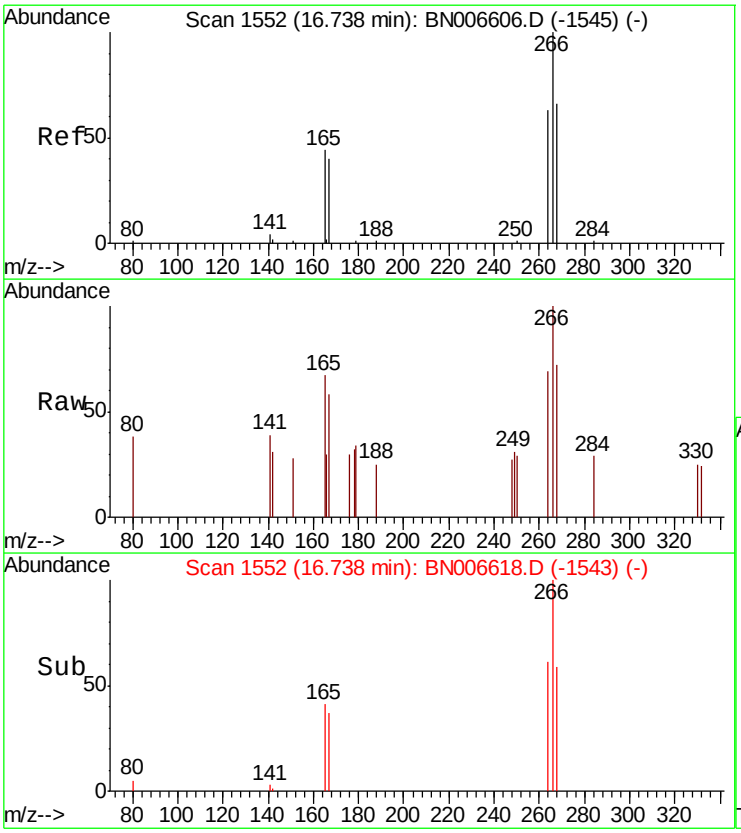
#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7514

Ion	Ratio	Lower	Upper
284	100		
142	34.5	27.5	41.3
249	31.1	24.7	37.1

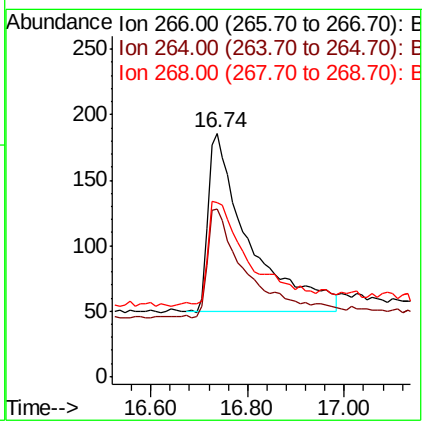


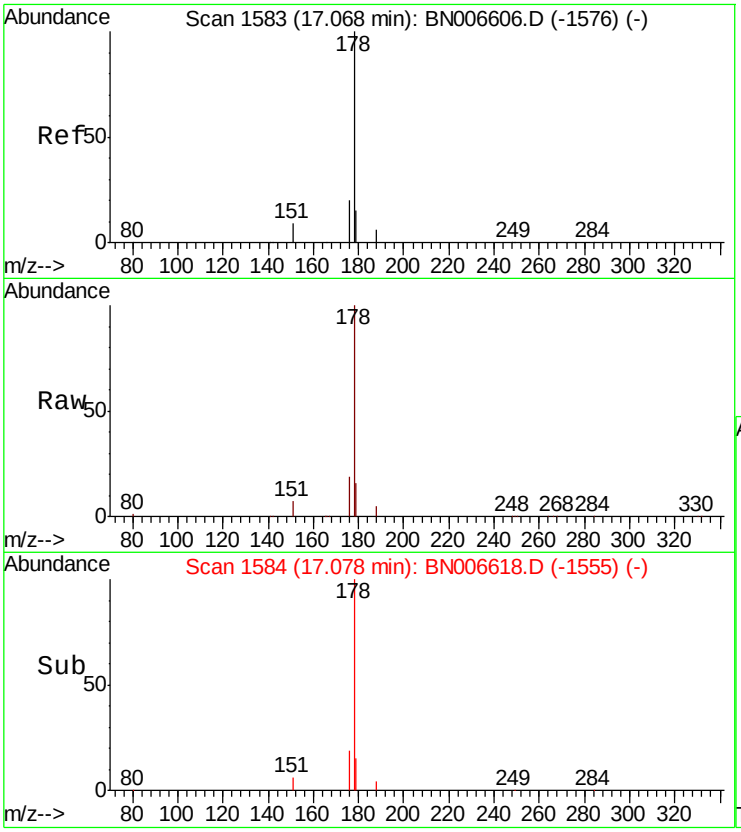


#22
Pentachlorophenol
Concen: 0.383 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:266 Resp: 782

Ion	Ratio	Lower	Upper
266	100		
264	68.8	56.2	84.4
268	71.5	63.0	94.4



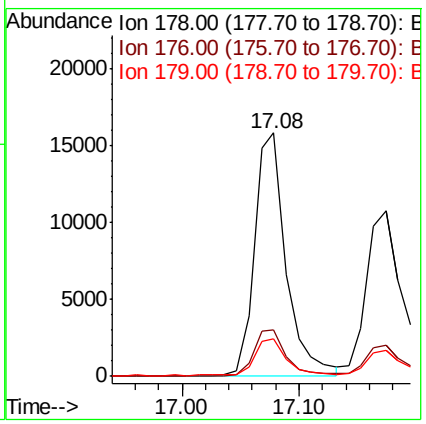


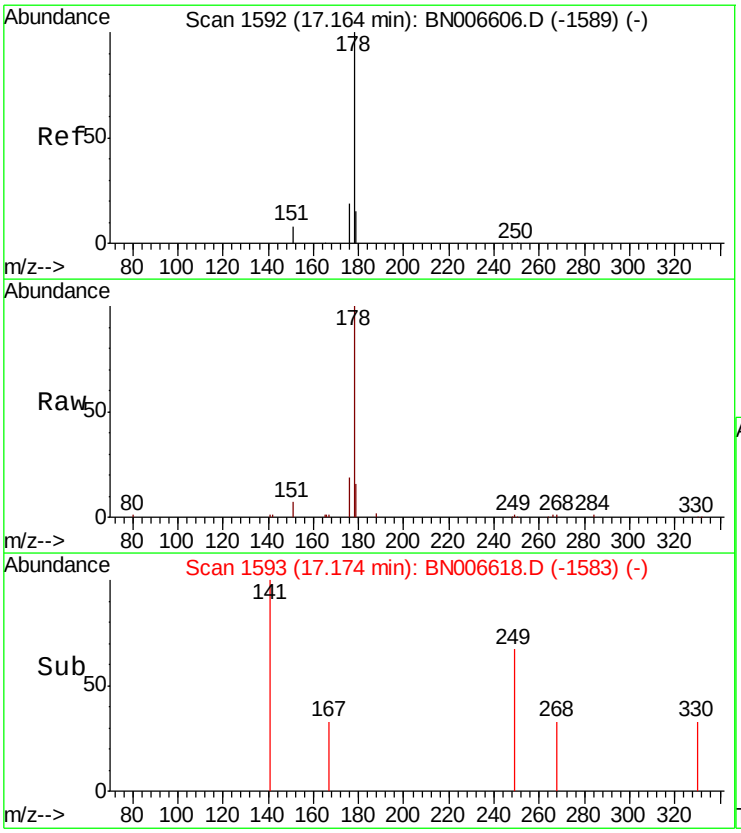
#23
Phenanthrene
Concen: 0.403 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 29406

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.2	18.4

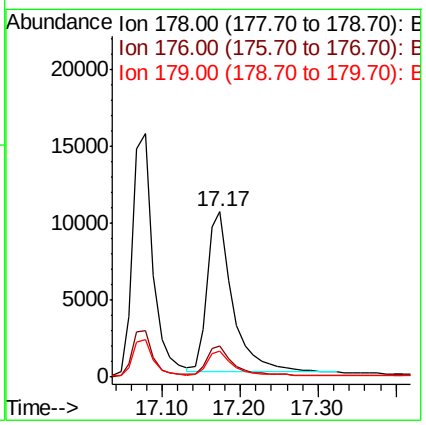


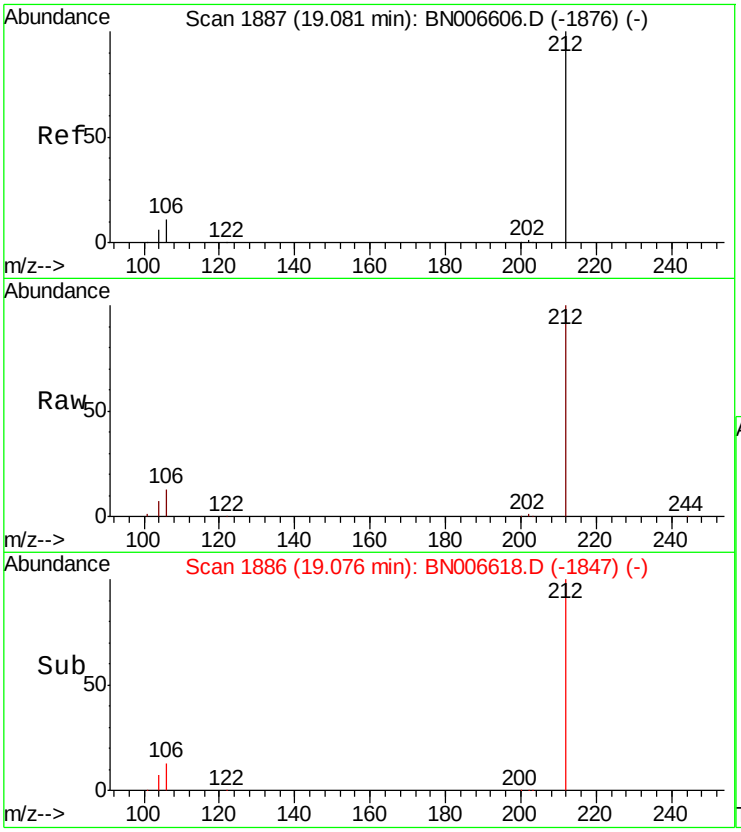


#24
Anthracene
Concen: 0.374 ng
RT: 17.17 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:178 Resp: 23683

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.1	12.2	18.2



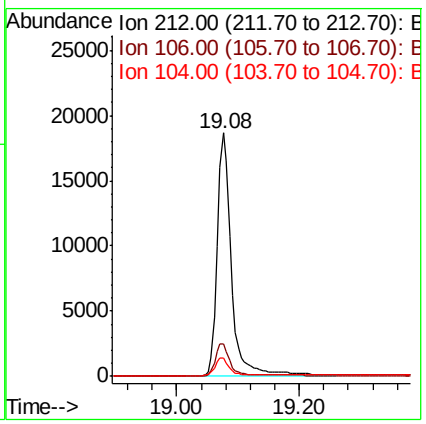


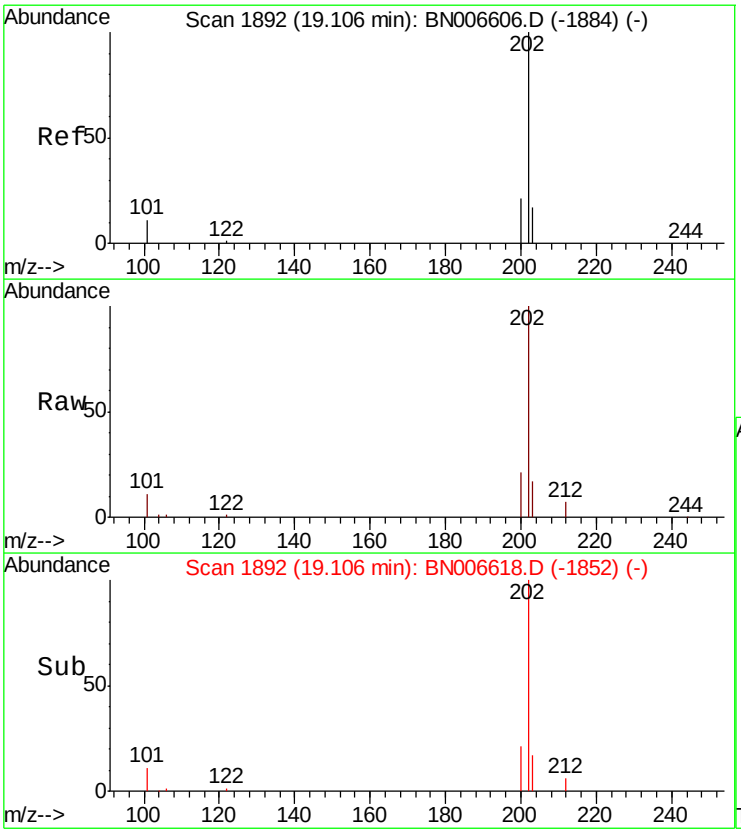
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 29703

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	15.8
104	7.1	5.8	8.6

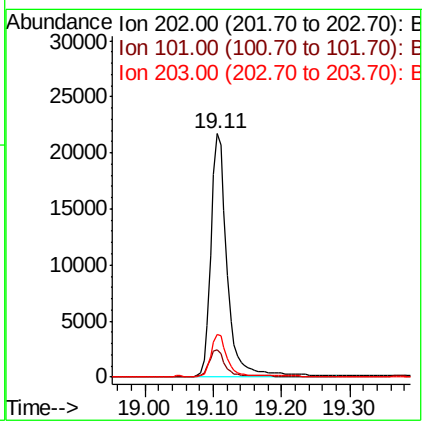


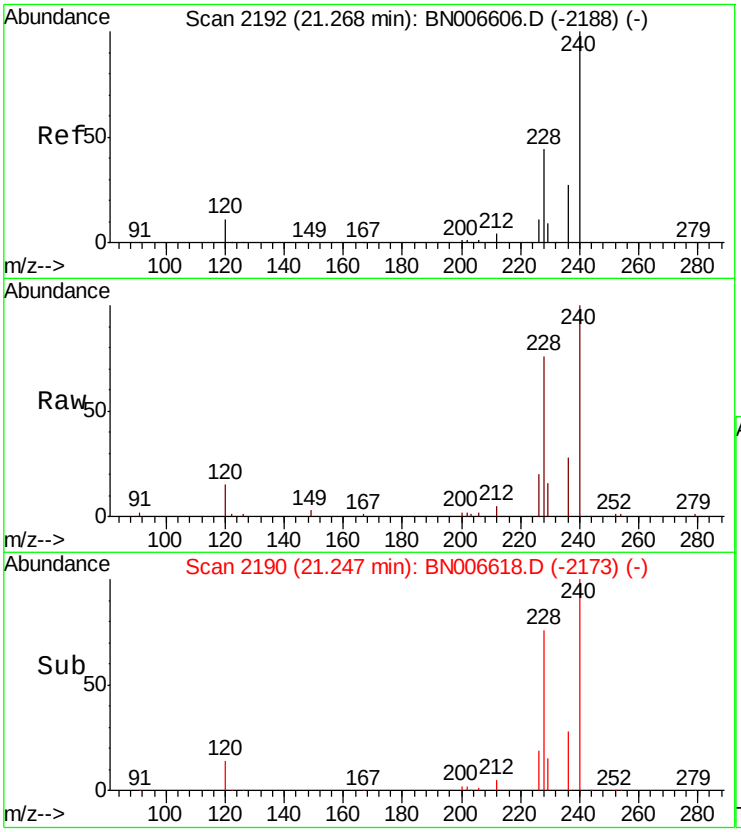


#26
Fluoranthene
Concen: 0.402 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:202 Resp: 35694

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.0	13.6	20.4



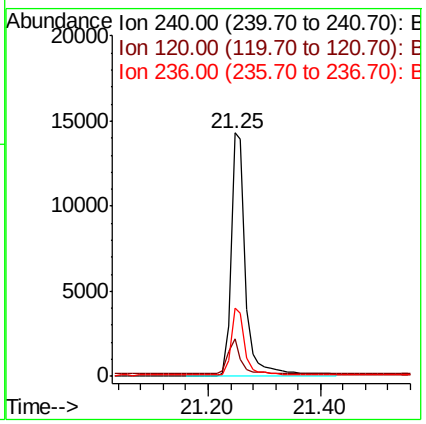


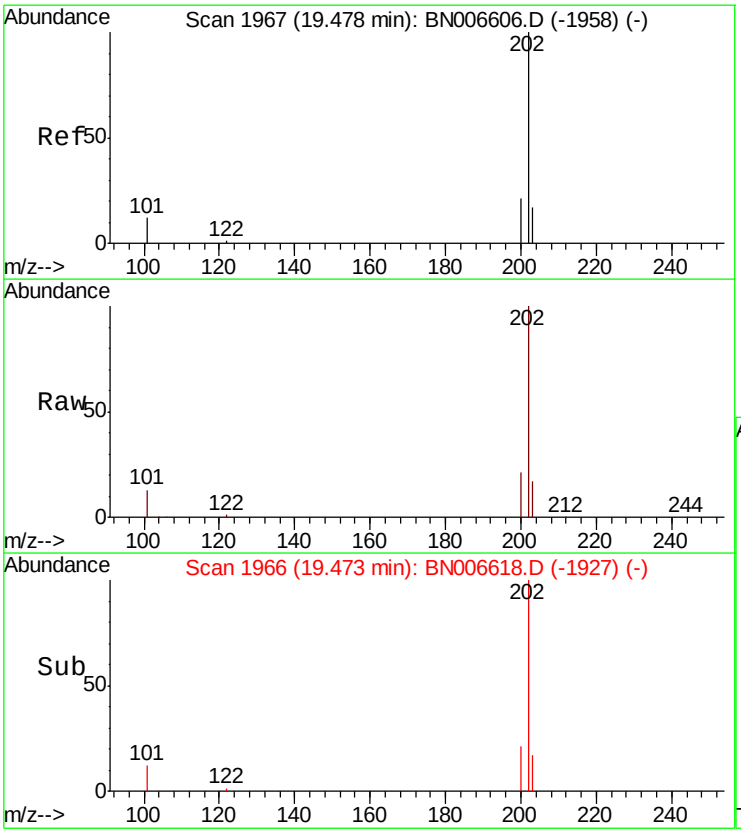
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 25181

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.9	14.9#
236	28.2	22.2	33.4

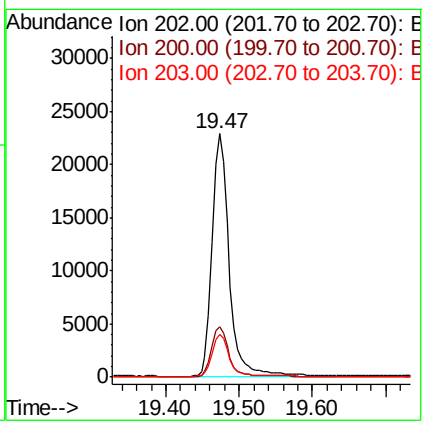


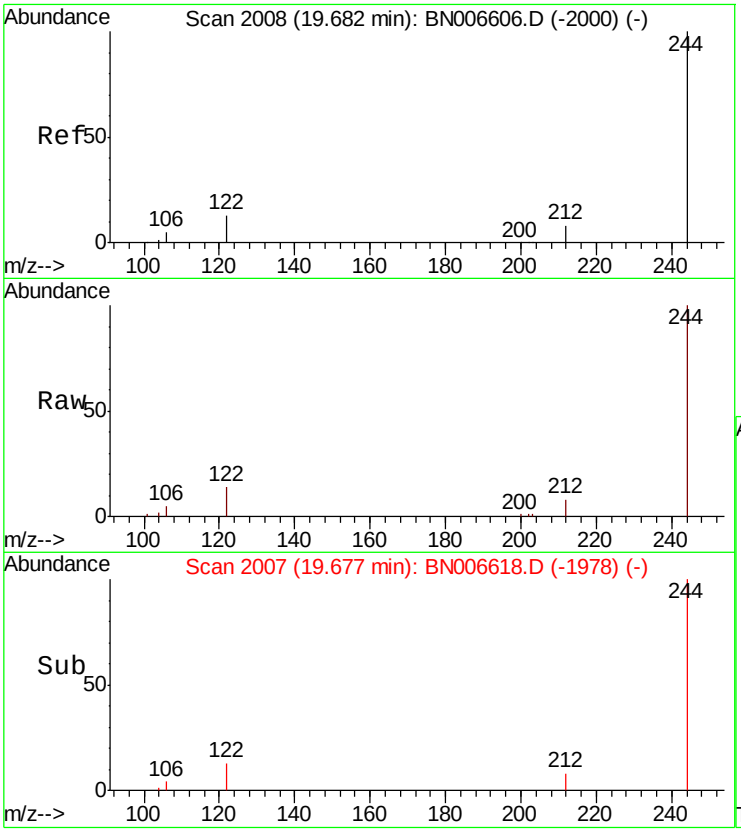


#28
Pyrene
Concen: 0.415 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:202 Resp: 36544

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



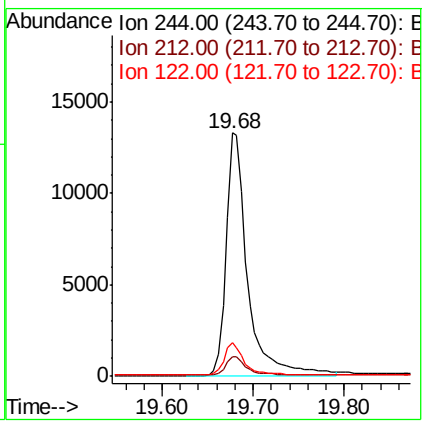


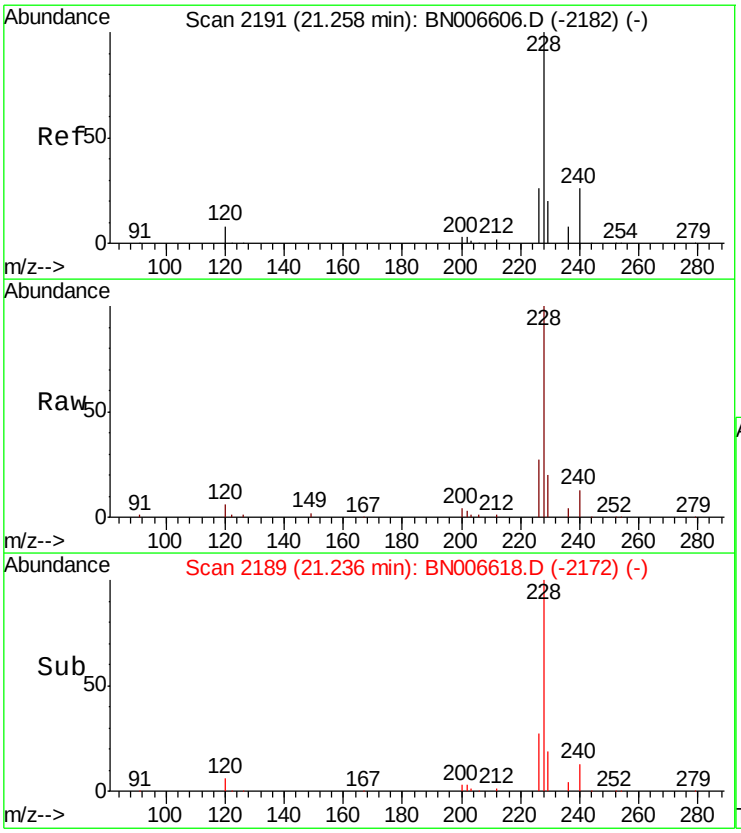
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 21616

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	13.6	11.0	16.6

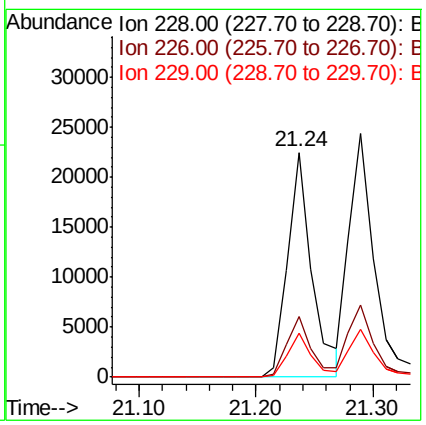


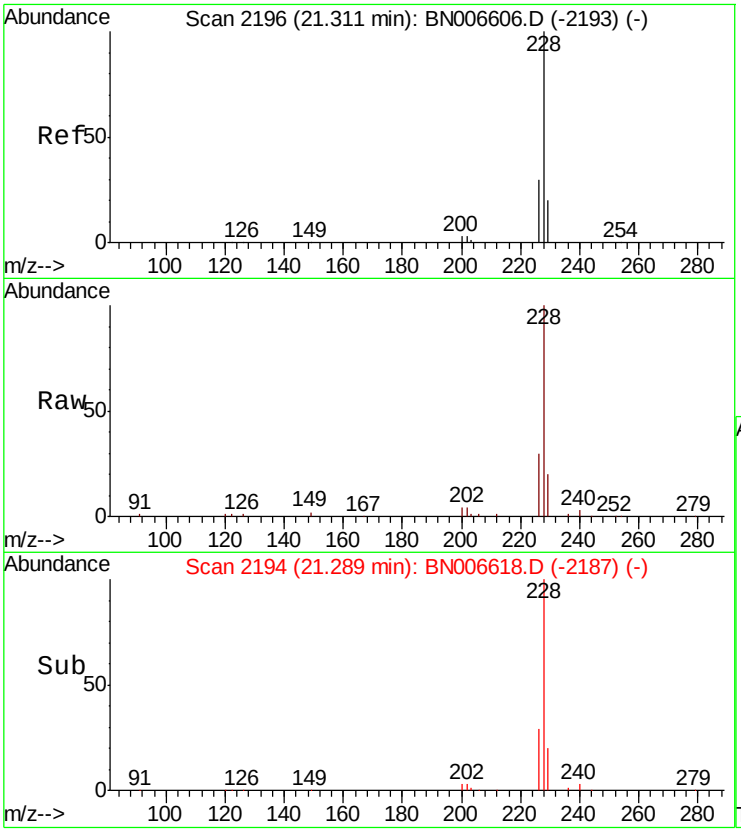


#30
Benzo(a)anthracene
Concen: 0.394 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:228 Resp: 32472

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.2	31.8
229	19.7	16.1	24.1



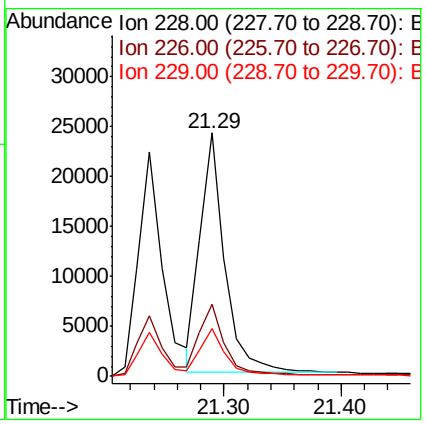


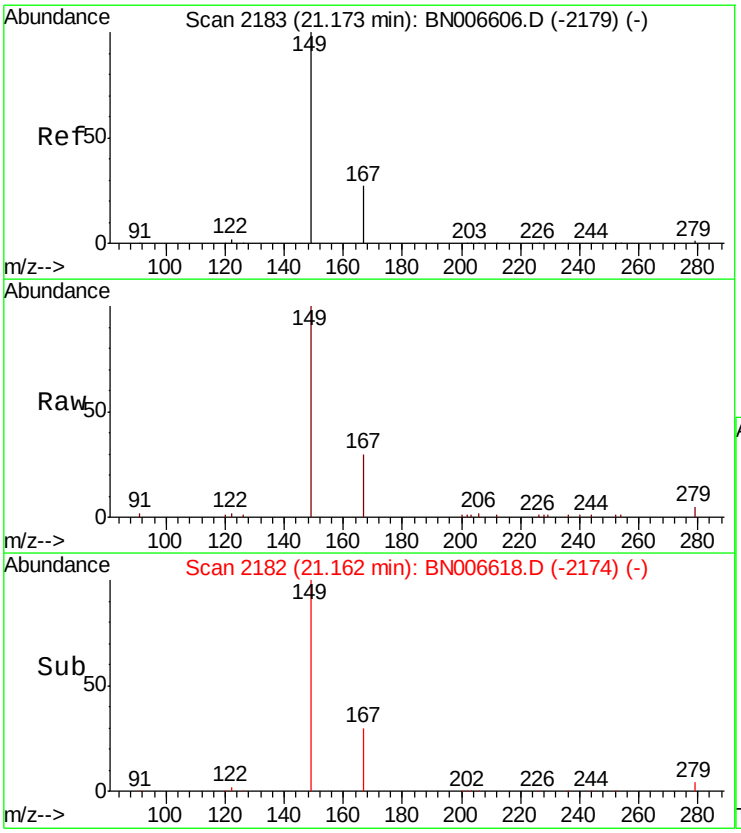
#31
Chrysene
Concen: 0.397 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 35247

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.8	15.9	23.9

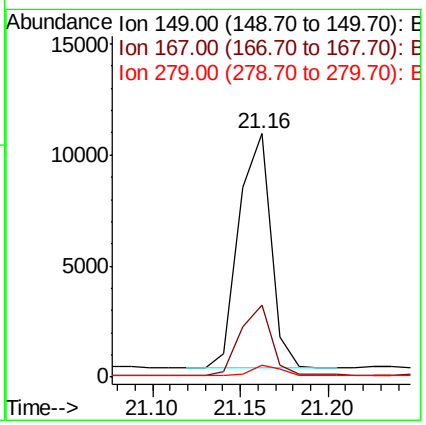


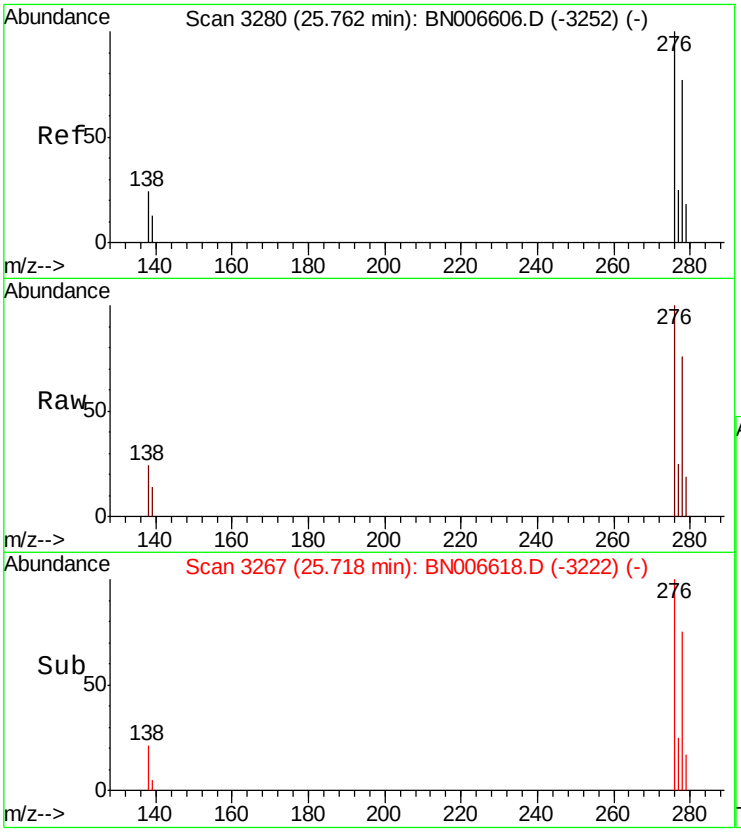


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:149 Resp: 13331

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	4.1	3.3	4.9



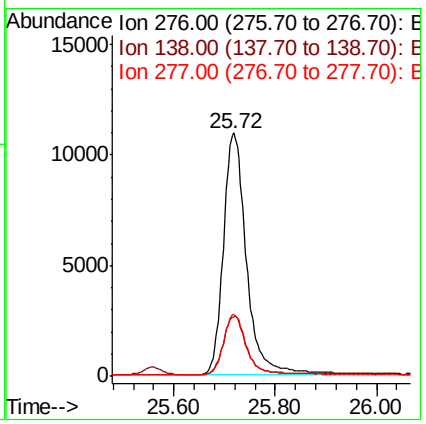


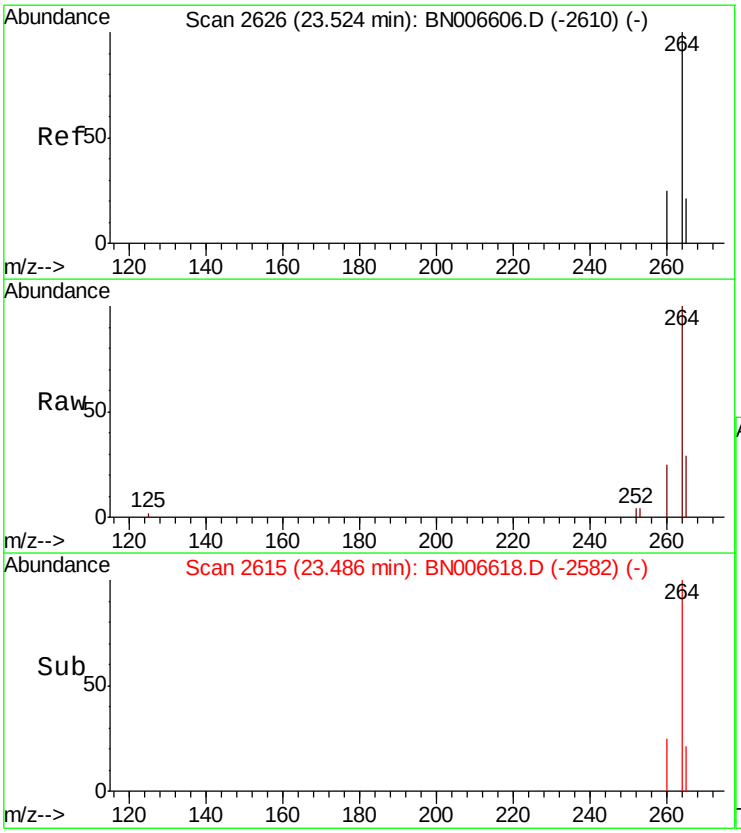
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 25.72 min Scan# 3267
Delta R.T. -0.04 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 34767

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.3	28.9
277	24.8	19.9	29.9

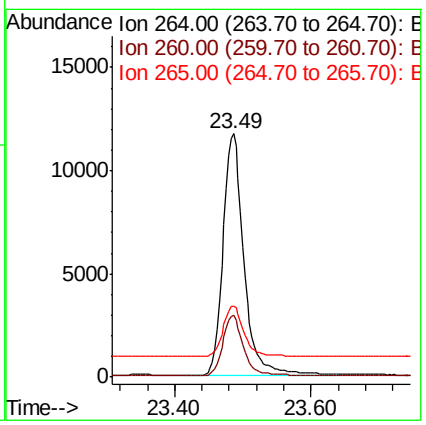


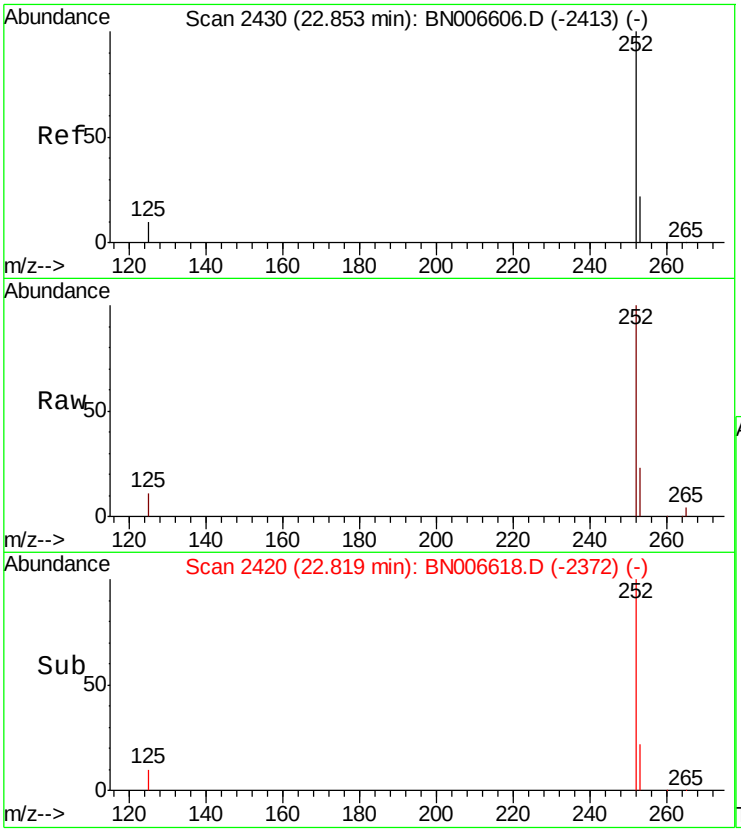


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2615
Delta R.T. -0.04 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:264 Resp: 25116

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	29.3	23.3	34.9



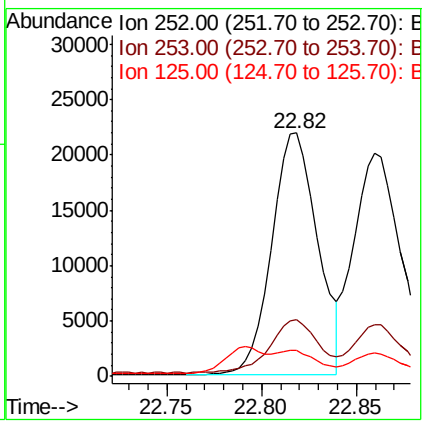


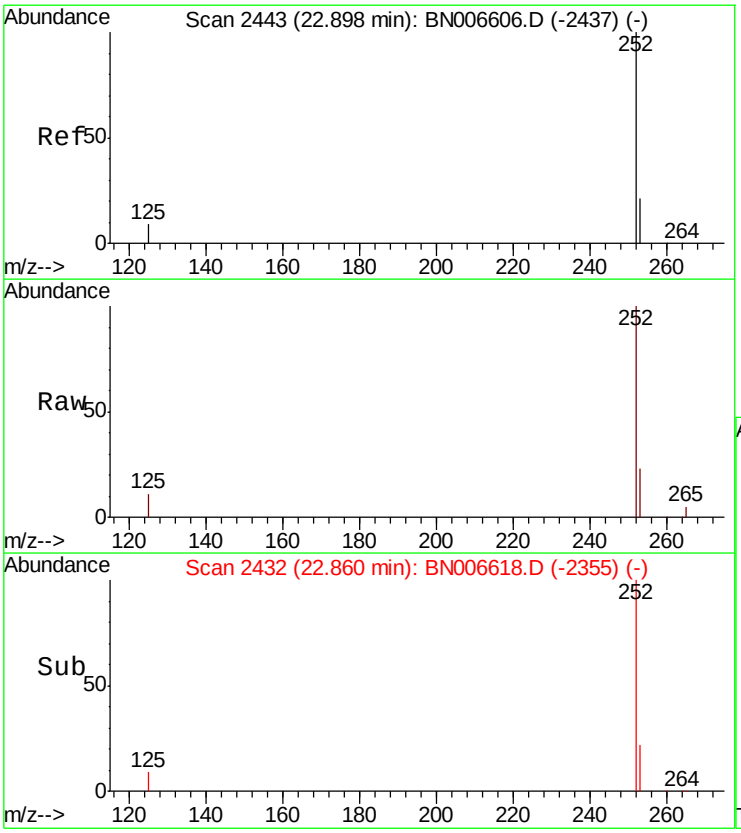
#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 36504

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.6	8.7	13.1

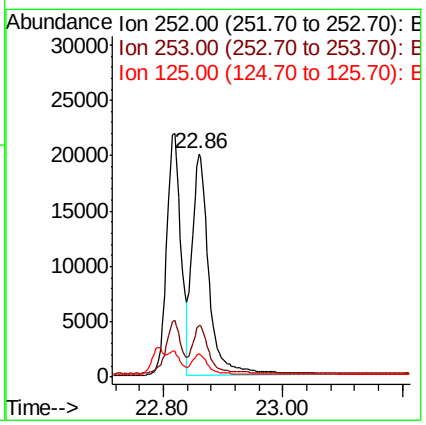


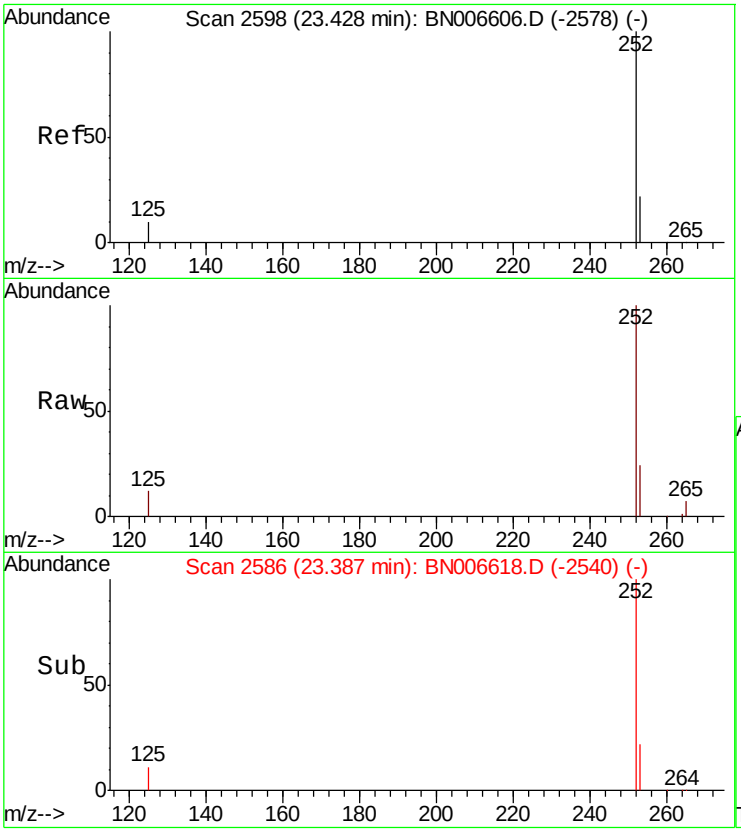


#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.04 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:252 Resp: 38909

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	10.6	8.4	12.6



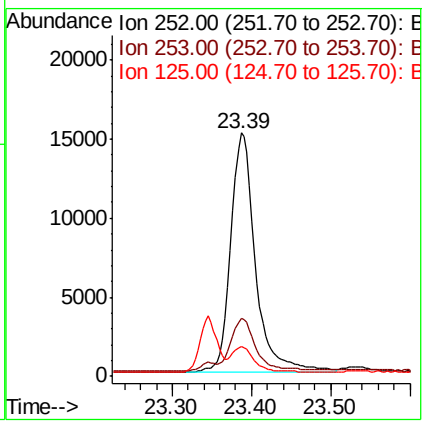


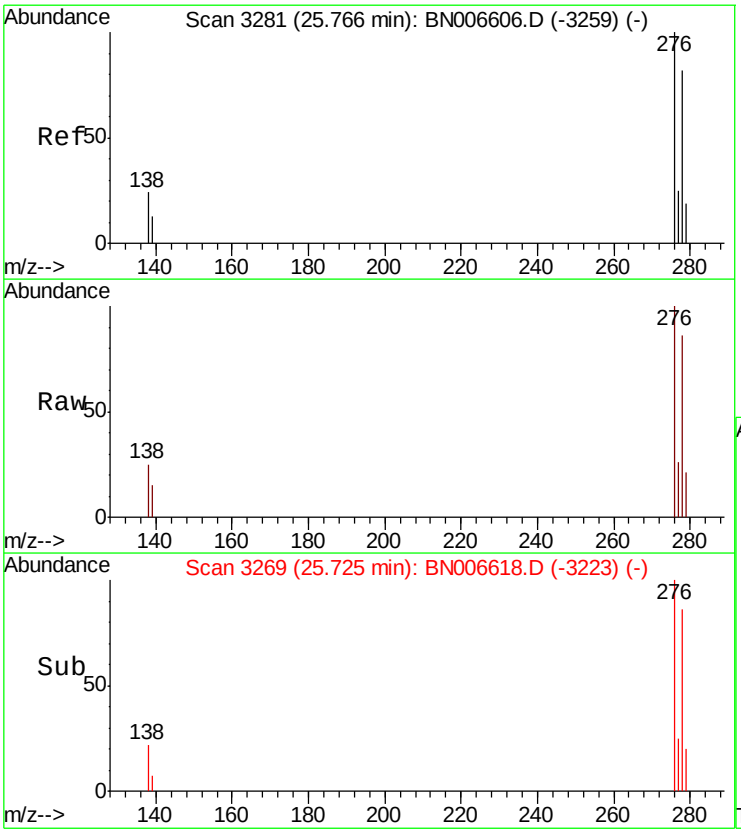
#37
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.39 min Scan# 2586
Delta R.T. -0.04 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 33457

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.8	28.2
125	12.1	9.4	14.2

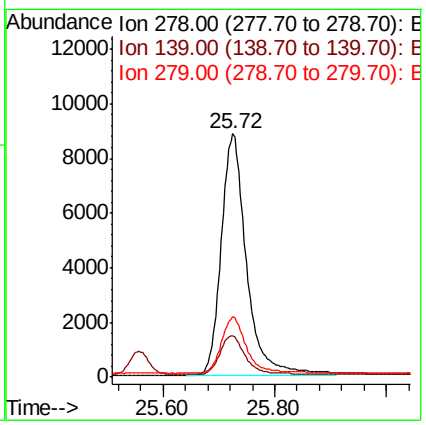


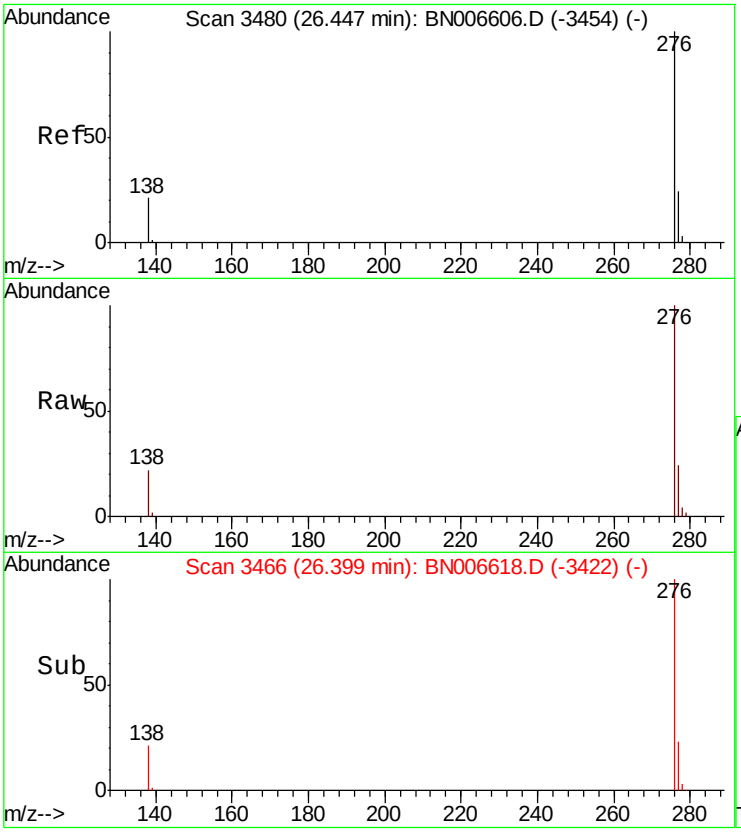


#38
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.72 min Scan# 3269
Delta R.T. -0.04 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Tgt Ion:278 Resp: 27891

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.5	20.3
279	24.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 26.40 min Scan# 3466
Delta R.T. -0.05 min
Lab File: BN006618.D
Acq: 28 Jun 2019 18:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27747

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	21.8	17.7	26.5