Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070919\
Data File : BN006771.D
Acq On : 09 Jul 2019 17:41
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 10 04:19:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 13:11:11 2019
Response via : Initial Calibration

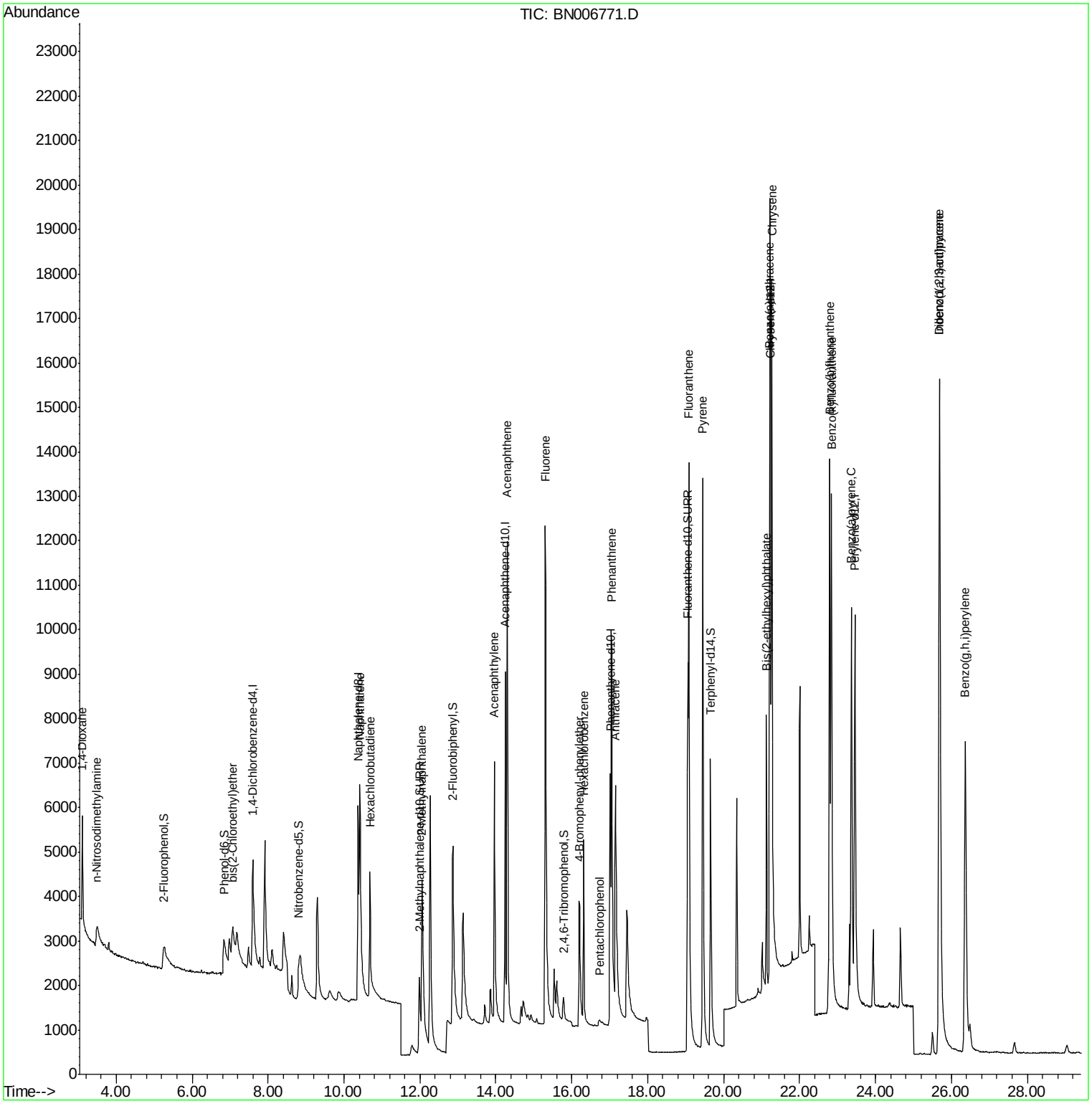
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2525	0.40	ng		0.00
7) Naphthalene-d8	10.36	136	9519	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	5451	0.40	ng		0.00
19) Phenanthrene-d10	17.01	188	12446	0.40	ng		0.01
27) Chrysene-d12	21.24	240	12255	0.40	ng		0.00
34) Perylene-d12	23.46	264	14314	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1638	0.29	ng		0.02
5) Phenol-d6	6.84	99	2304	0.30	ng		0.02
8) Nitrobenzene-d5	8.81	82	1969	0.30	ng		0.03
11) 2-Methylnaphthalene-d10	11.99	152	5154	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	779	0.31	ng		0.01
15) 2-Fluorobiphenyl	12.87	172	7484	0.37	ng		0.01
25) Fluoranthene-d10	19.06	212	13647	0.36	ng		0.00
29) Terphenyl-d14	19.66	244	10176	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	1609	0.388	ng		94
3) n-Nitrosodimethylamine	3.49	42	745	0.382	ng		99
6) bis(2-Chloroethyl)ether	7.06	93	2272	0.264	ng		93
9) Naphthalene	10.42	128	9672	0.379	ng		98
10) Hexachlorobutadiene	10.68	225	2182	0.395	ng	#	100
12) 2-Methylnaphthalene	12.06	142	5984	0.367	ng		97
16) Acenaphthylene	13.96	152	9240	0.359	ng		99
17) Acenaphthene	14.30	154	6649	0.385	ng		99
18) Fluorene	15.30	166	7817	0.365	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	2483	0.353	ng		92
21) Hexachlorobenzene	16.31	284	3607	0.393	ng		99
22) Pentachlorophenol	16.73	266	275	0.364	ng	#	83
23) Phenanthrene	17.06	178	12791	0.371	ng		100
24) Anthracene	17.15	178	10182	0.341	ng		100
26) Fluoranthene	19.09	202	16138	0.373	ng		100
28) Pyrene	19.45	202	16556	0.389	ng		100
30) Benzo(a)anthracene	21.22	228	13238	0.350	ng		98
31) Chrysene	21.27	228	16690	0.394	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5147	0.293	ng		99
33) Indeno(1,2,3-cd)pyrene	25.69	276	21147	0.408	ng		99
35) Benzo(b)fluoranthene	22.79	252	16531	0.367	ng		99
36) Benzo(k)fluoranthene	22.84	252	19833	0.393	ng		99
37) Benzo(a)pyrene	23.37	252	16063	0.368	ng		97
38) Dibenzo(a,h)anthracene	25.69	278	16779	0.382	ng		100
39) Benzo(g,h,i)perylene	26.36	276	17946	0.389	ng		99

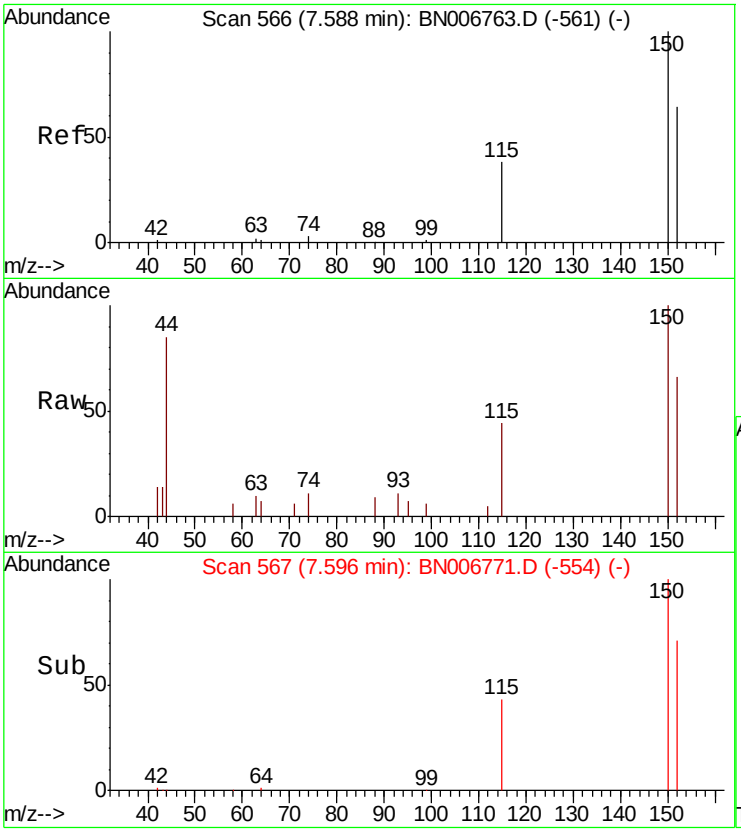
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070919\
Data File : BN006771.D
Acq On : 09 Jul 2019 17:41
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 10 04:19:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 13:11:11 2019
Response via : Initial Calibration



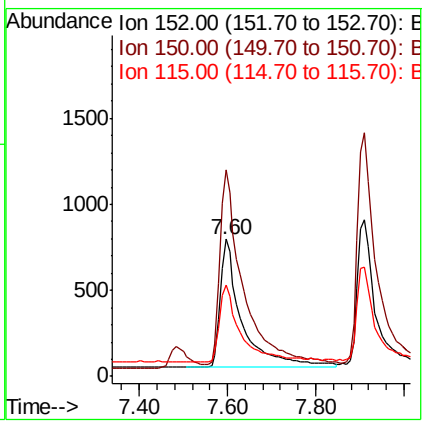


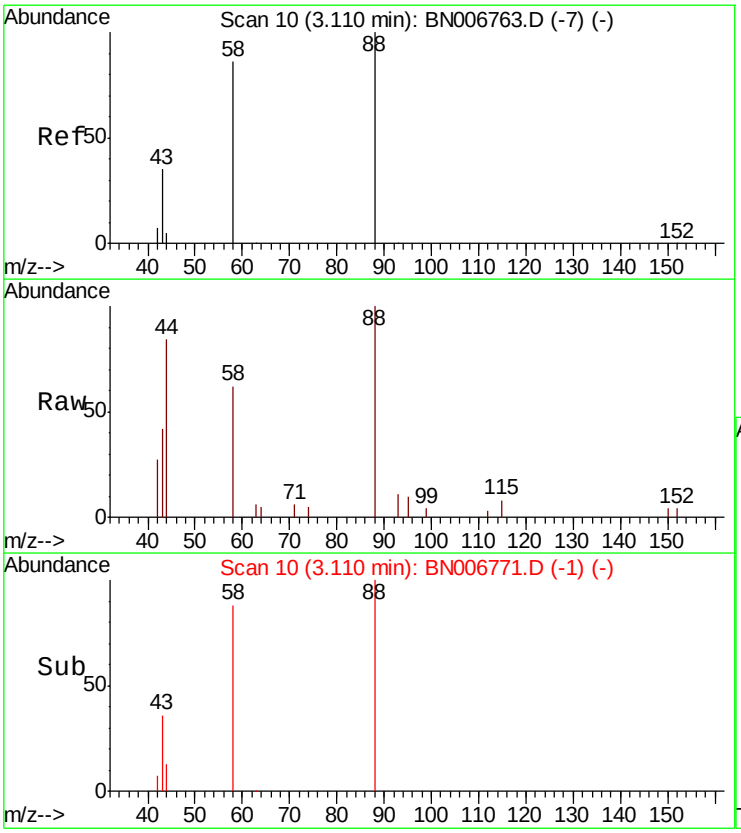
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2525

Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.6	185.4
115	67.0	52.5	78.7

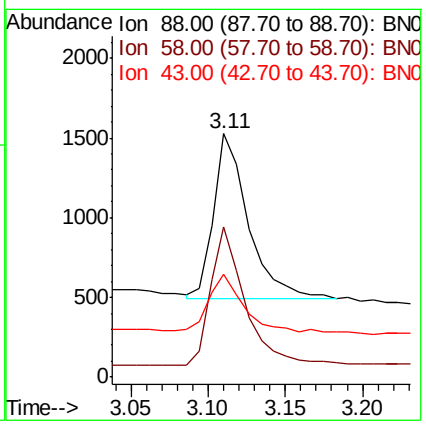


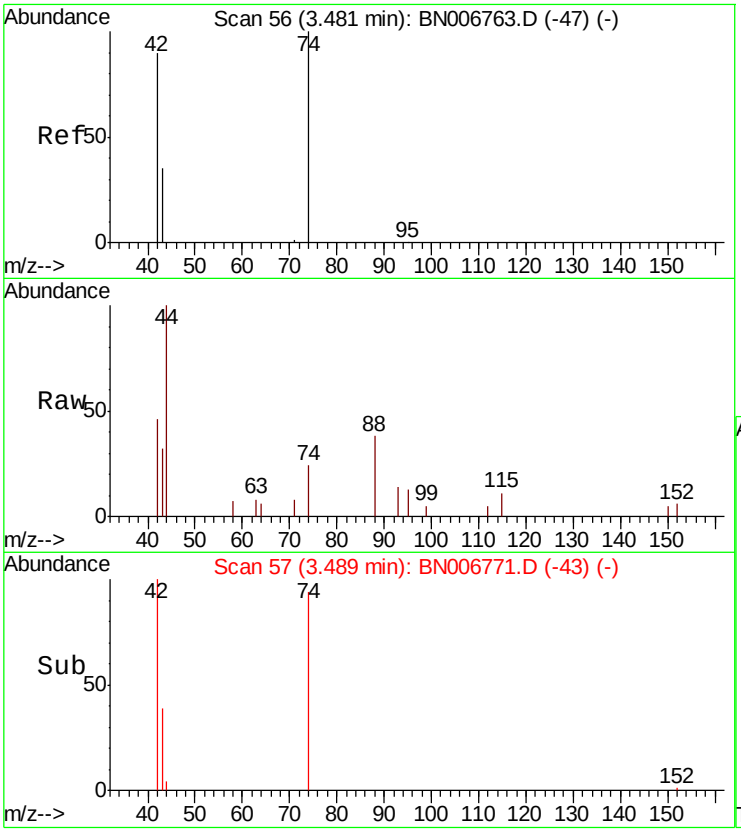


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.11 min Scan# 10
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion: 88 Resp: 1609

Ion	Ratio	Lower	Upper
88	100		
58	84.3	61.8	92.6
43	35.2	27.9	41.9



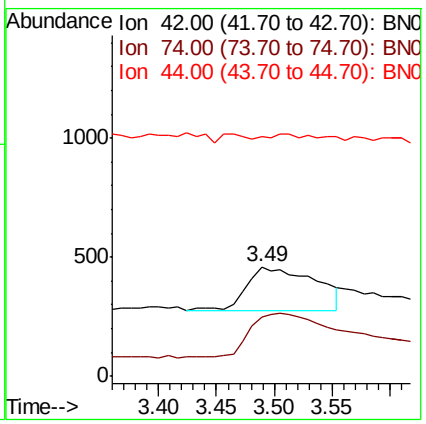


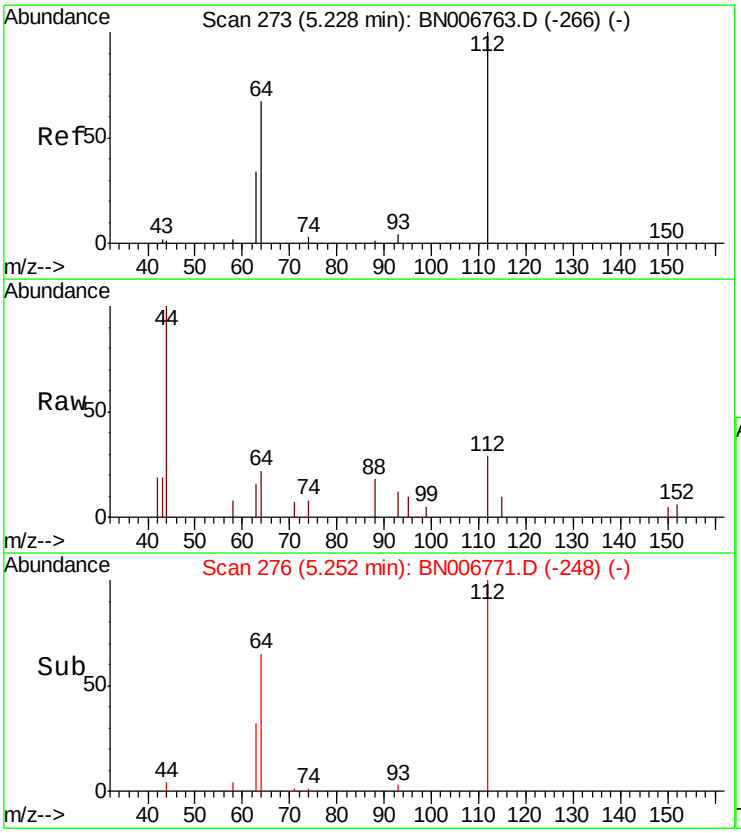
#3
n-Nitrosodimethylamine
Concen: 0.382 ng
RT: 3.49 min Scan# 57
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 745

Ion	Ratio	Lower	Upper
42	100		
74	106.6	86.2	129.4
44	8.1	7.0	10.6

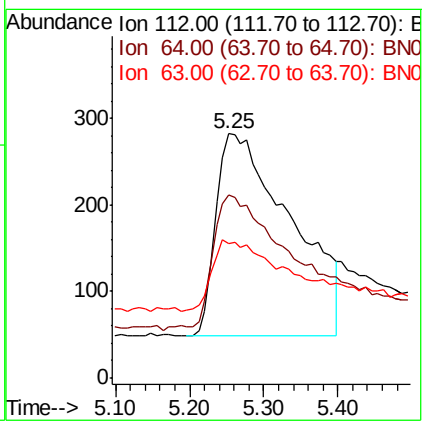


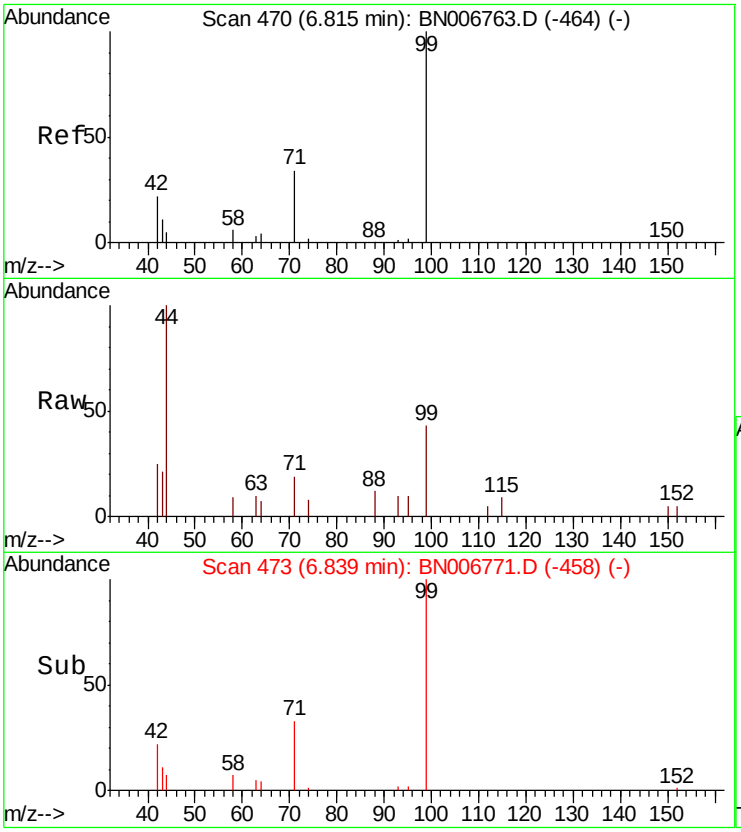


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.02 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:112 Resp: 1638

Ion	Ratio	Lower	Upper
112	100		
64	70.5	52.7	79.1
63	36.8	27.7	41.5



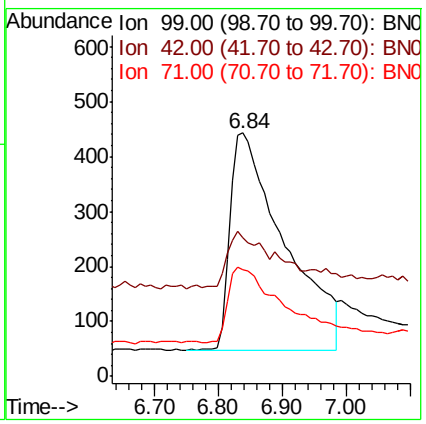


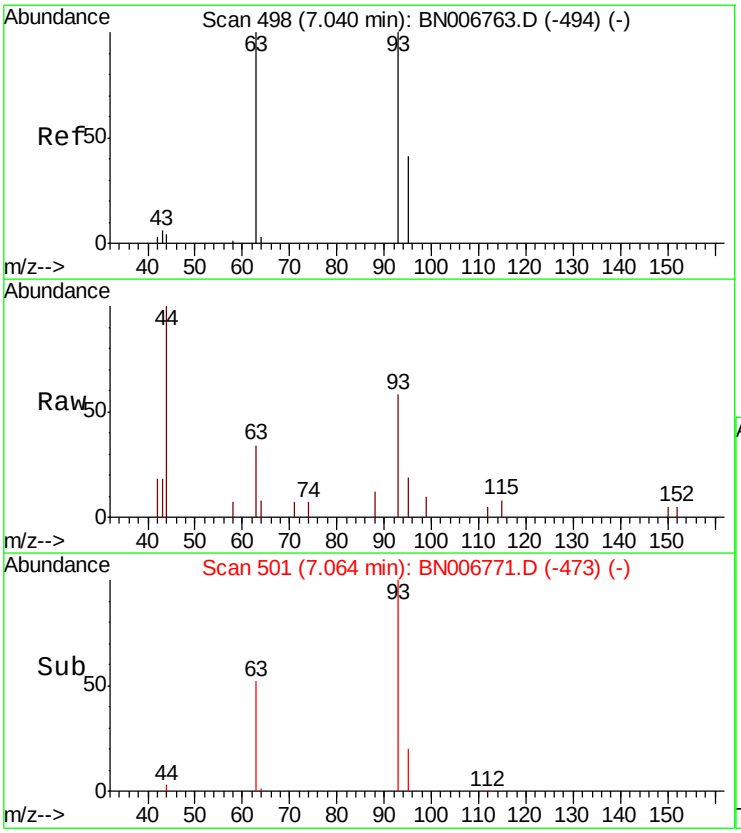
#5
Phenol-d6
Concen: 0.298 ng
RT: 6.84 min Scan# 473
Delta R.T. 0.02 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2304

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.0	25.6
71	36.1	29.1	43.7

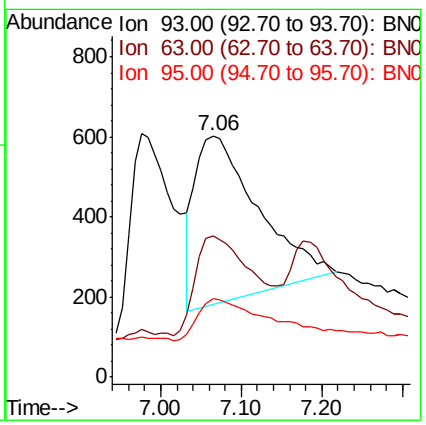


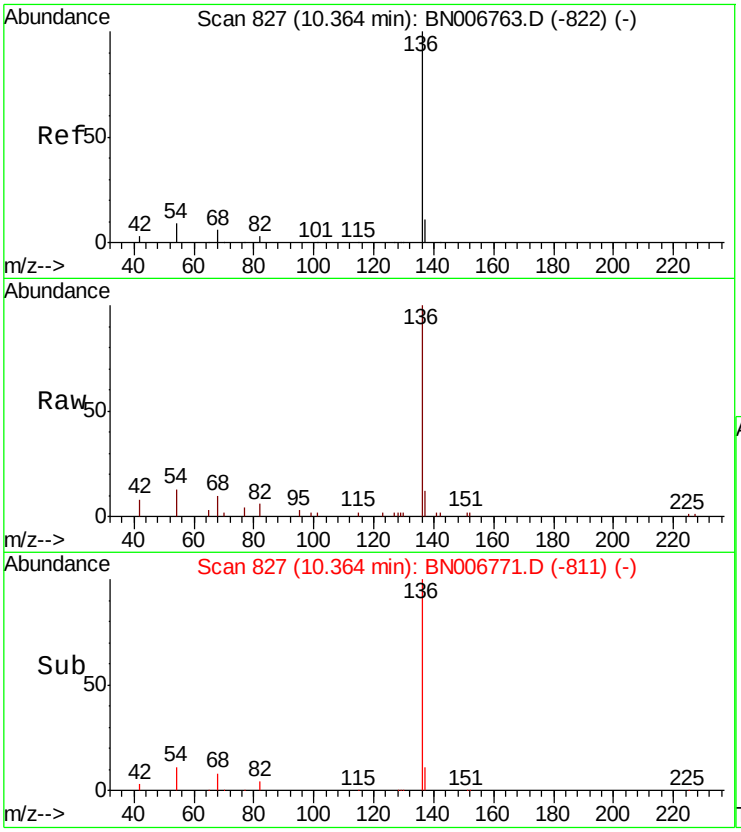


#6
bis(2-Chloroethyl)ether
Concen: 0.264 ng
RT: 7.06 min Scan# 501
Delta R.T. 0.02 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion: 93 Resp: 2272

Ion	Ratio	Lower	Upper
93	100		
63	53.3	48.6	73.0
95	29.0	22.9	34.3



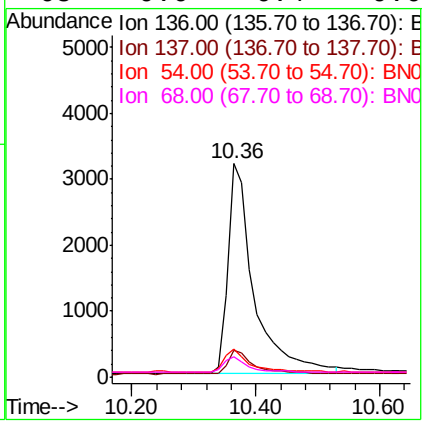


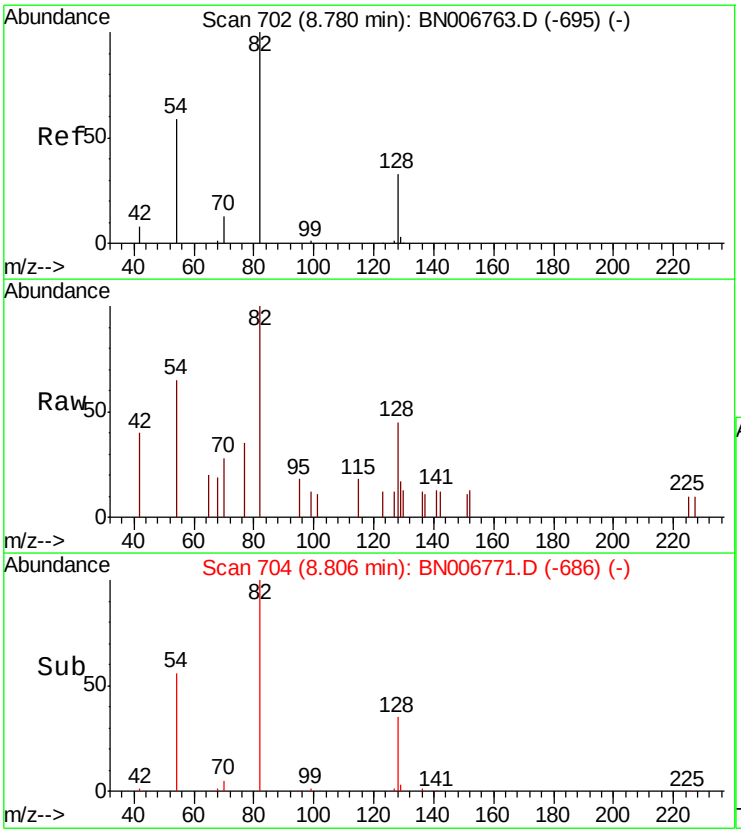
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 9519

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	13.3	8.4	12.6#
68	9.6	6.4	9.6

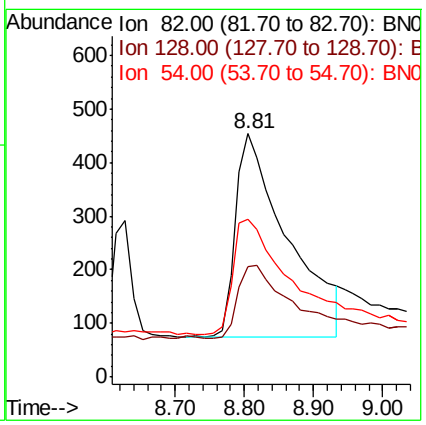


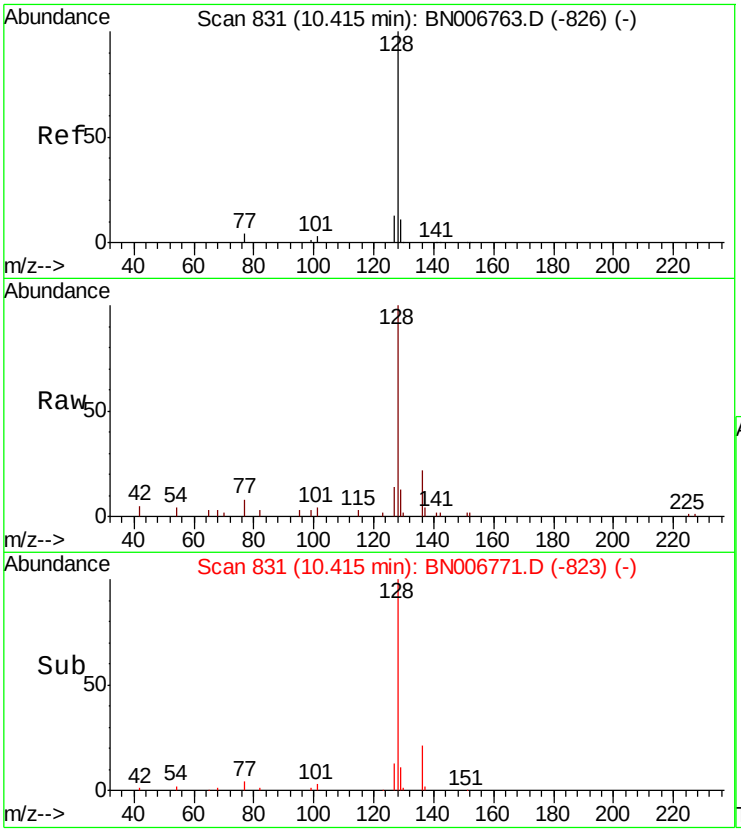


#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.81 min Scan# 704
Delta R.T. 0.03 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion: 82 Resp: 1969

Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.0	49.6
54	64.8	52.2	78.2



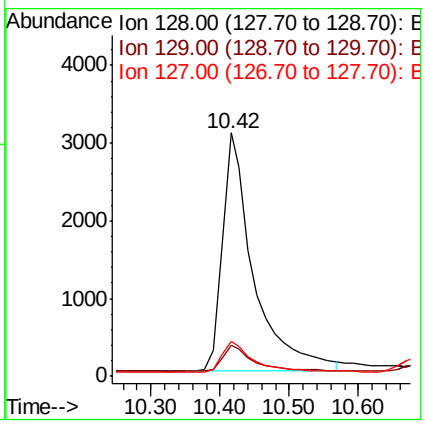


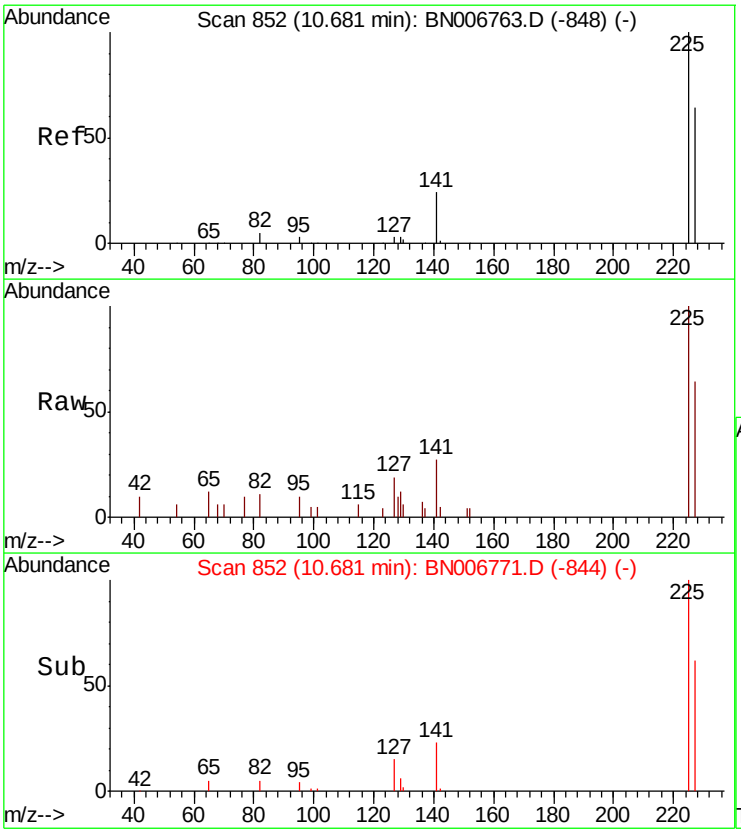
#9
Naphthalene
Concen: 0.379 ng
RT: 10.42 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 9672

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.6	14.4
127	14.3	11.0	16.4

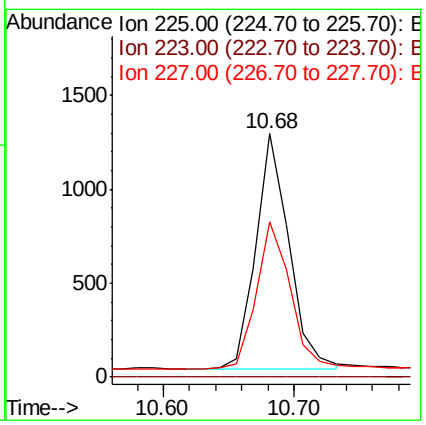


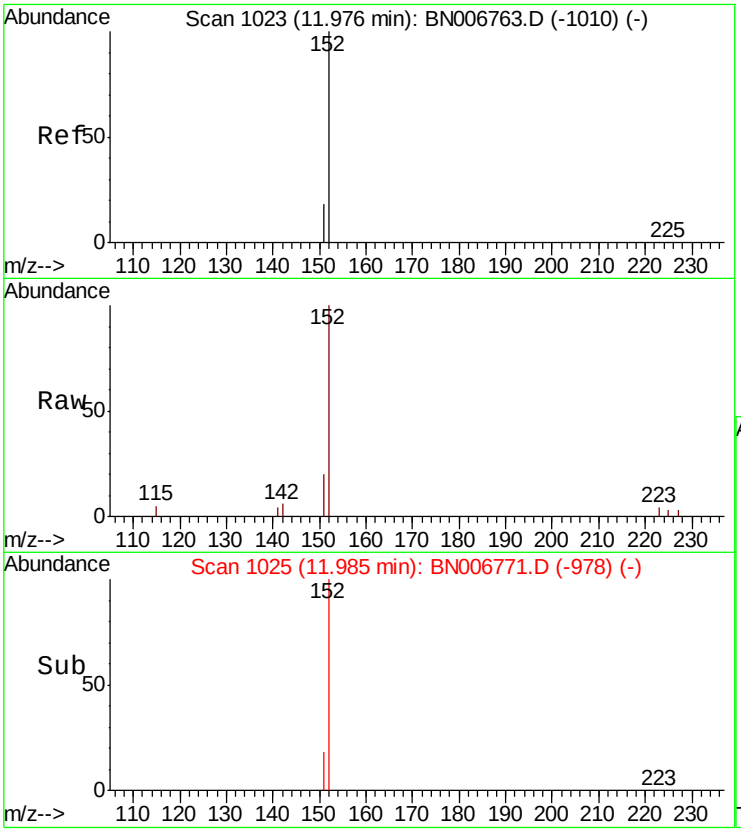


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.68 min Scan# 852
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:225 Resp: 2182

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.8	76.2



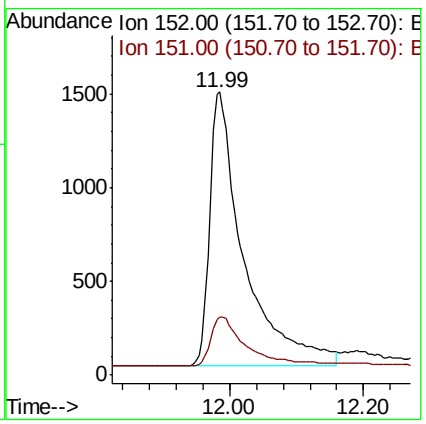


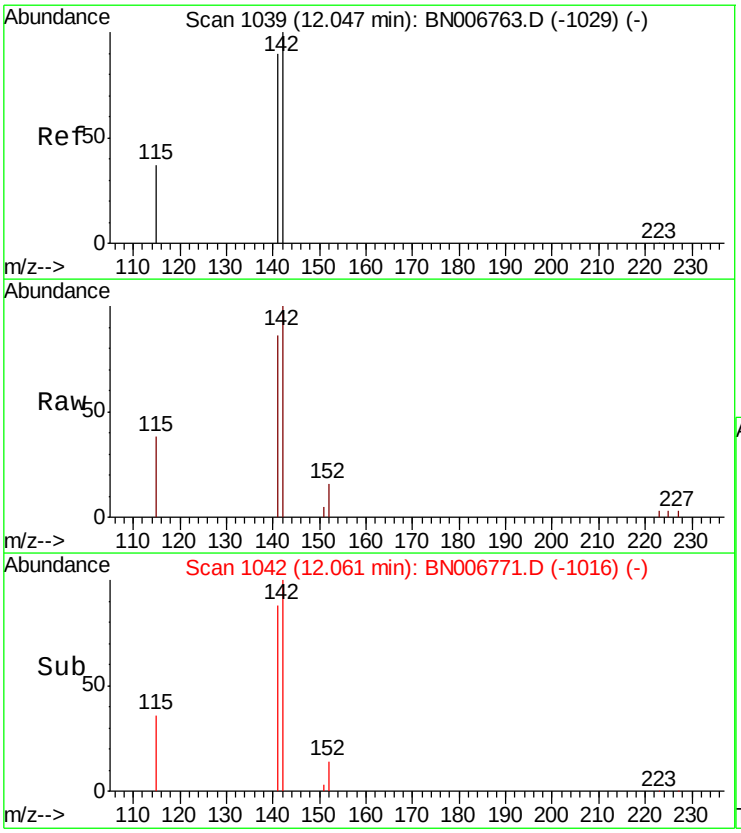
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 11.99 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5154

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

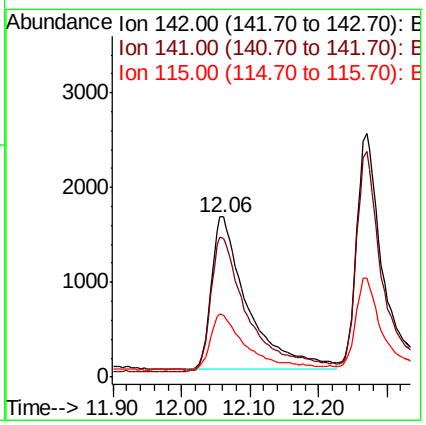


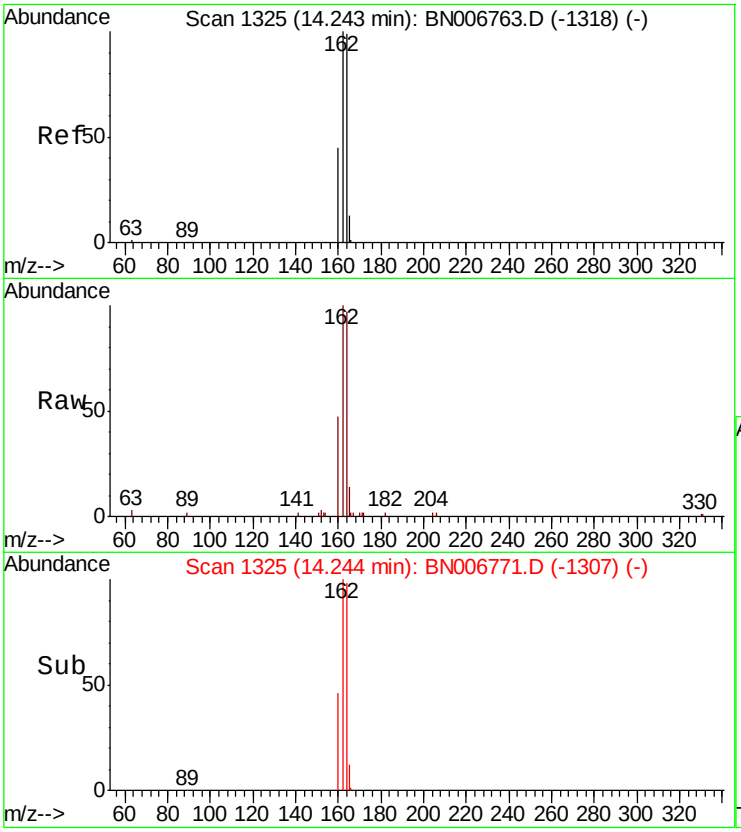


#12
2-Methylnaphthalene
Concen: 0.367 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:142 Resp: 5984

Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.7	107.5
115	38.4	31.2	46.8



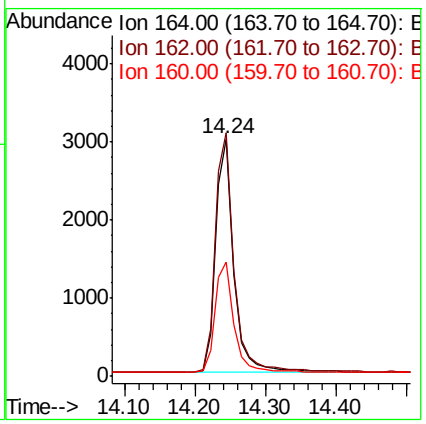


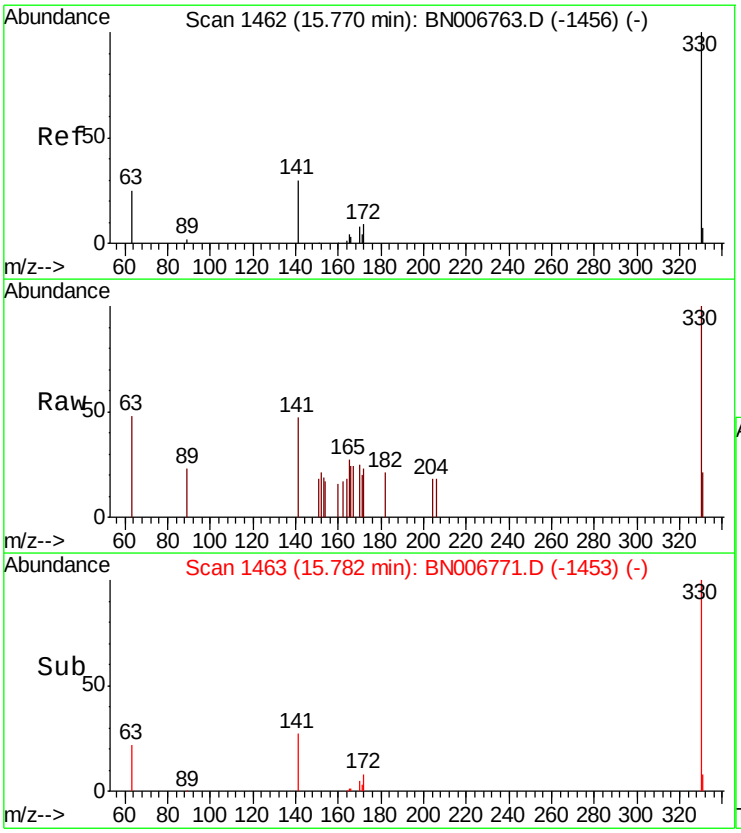
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5451

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.0	121.4
160	48.4	37.4	56.0

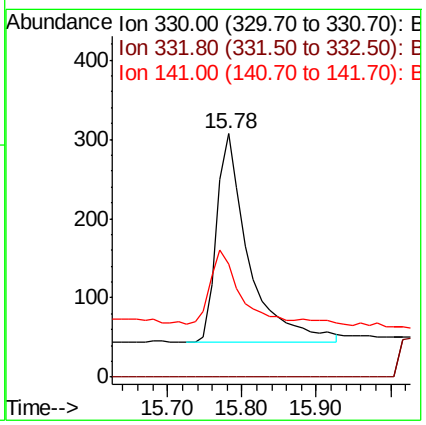


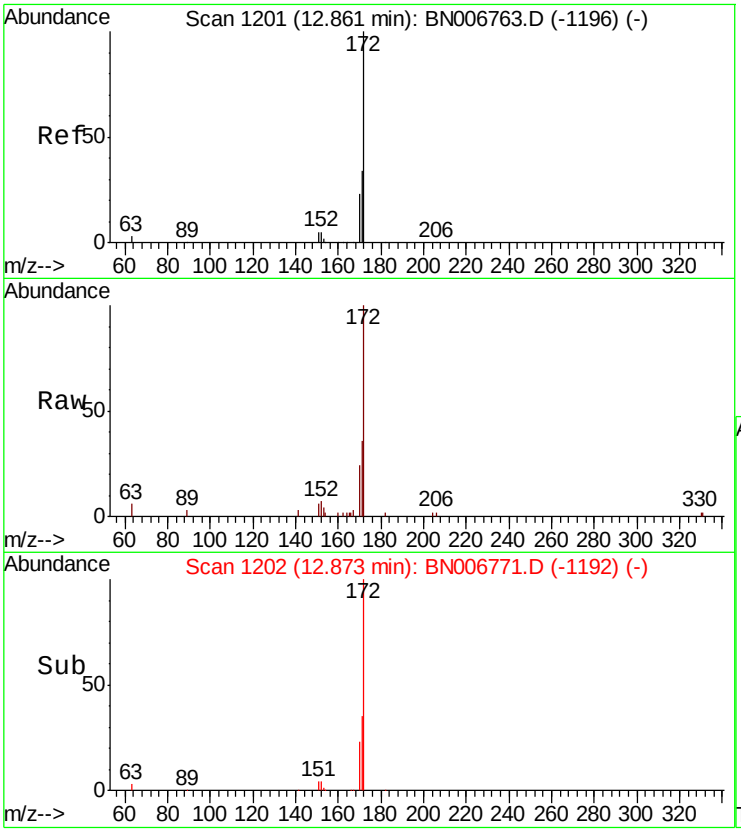


#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.78 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:330 Resp: 779

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	26.6	39.8



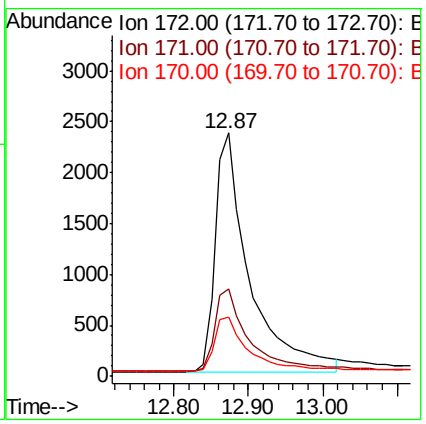


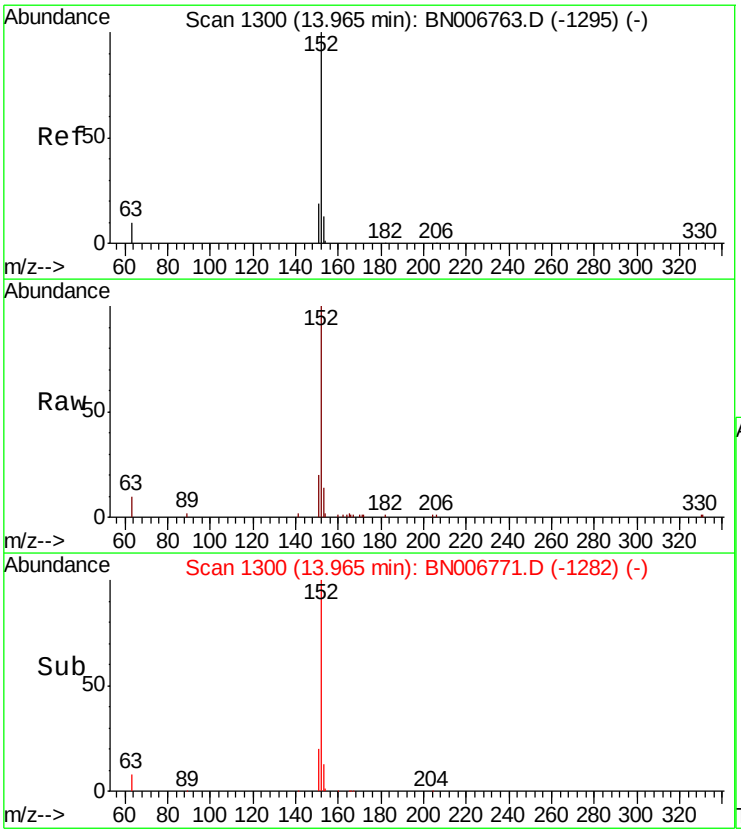
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.87 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 7484

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.3	19.0	28.6

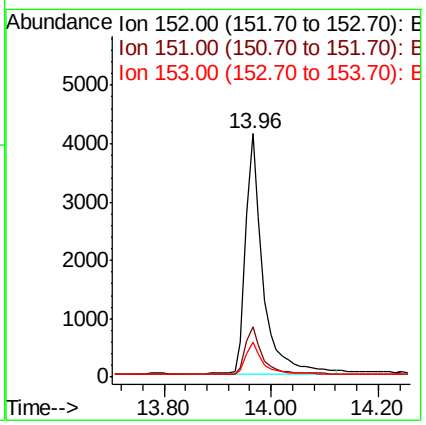


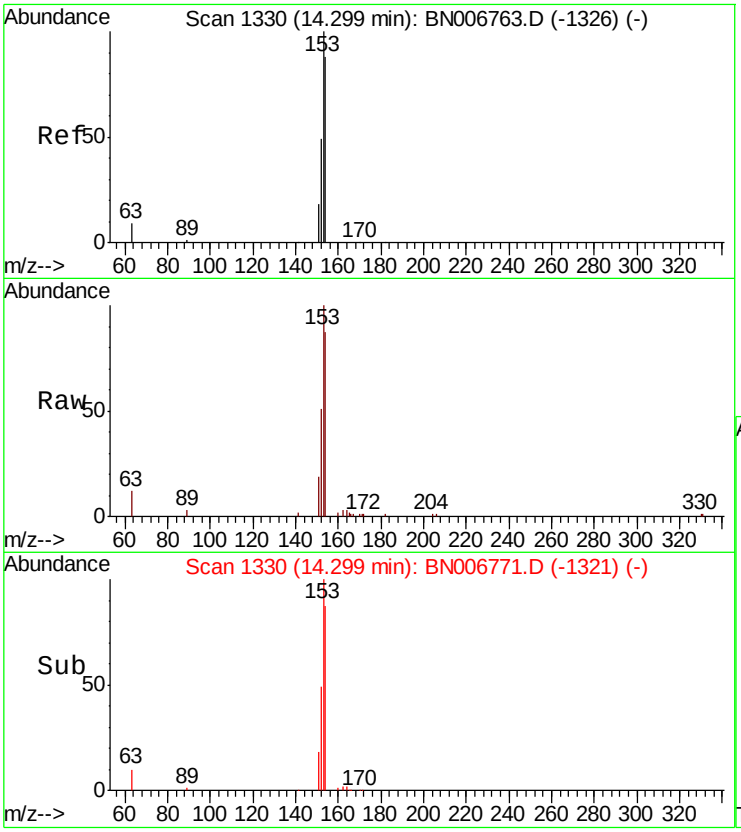


#16
Acenaphthylene
Concen: 0.359 ng
RT: 13.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:152 Resp: 9240

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	12.9	10.5	15.7



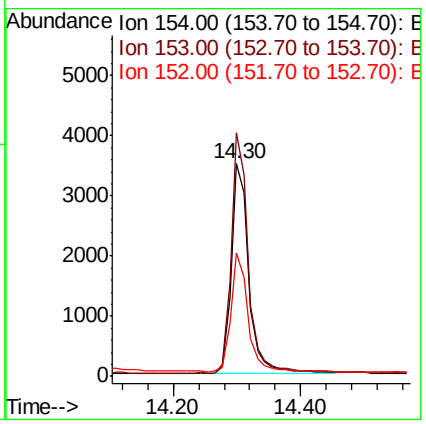


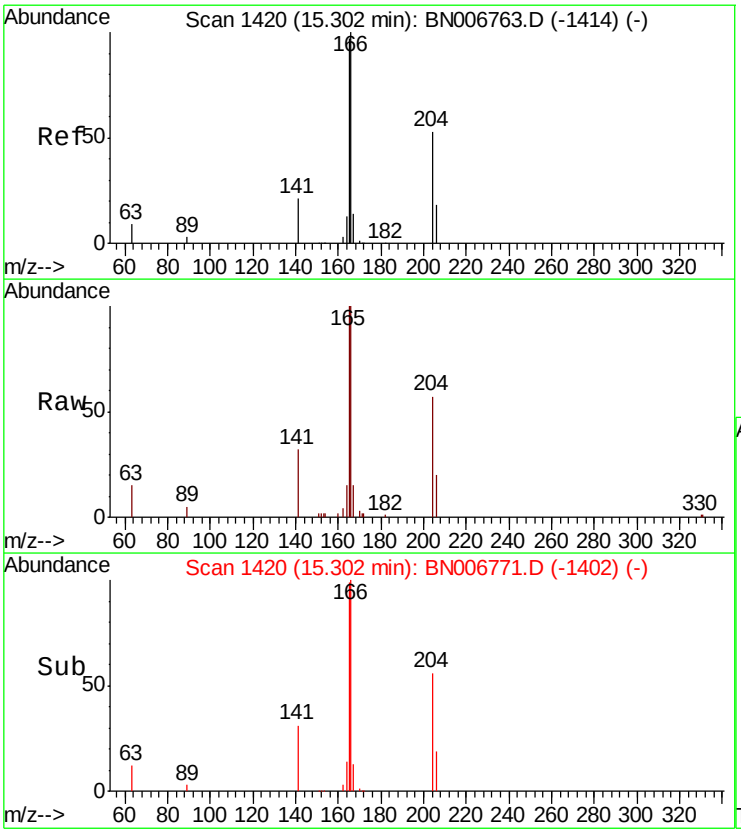
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 6649

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.8	136.2
152	54.8	44.9	67.3

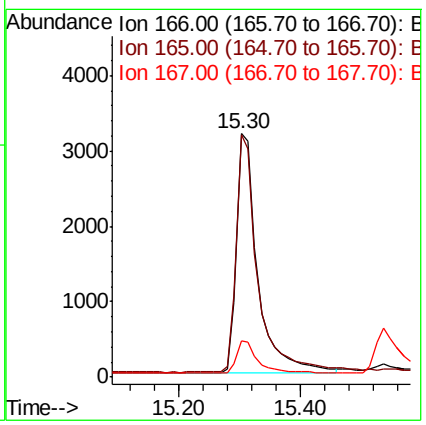


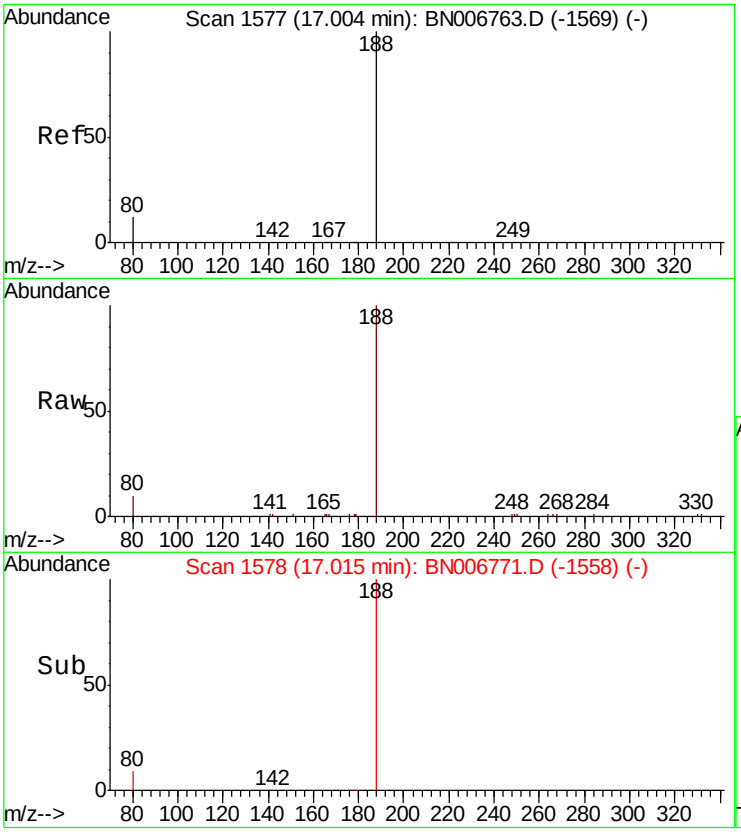


#18
Fluorene
Concen: 0.365 ng
RT: 15.30 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:166 Resp: 7817

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.3	10.9	16.3



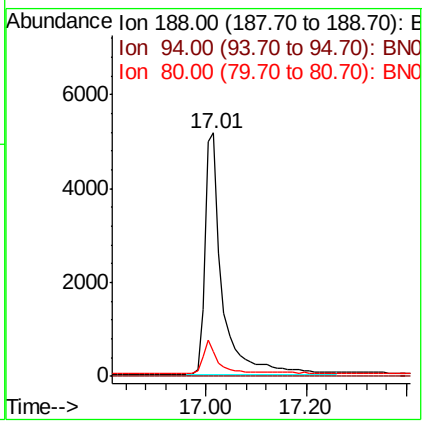


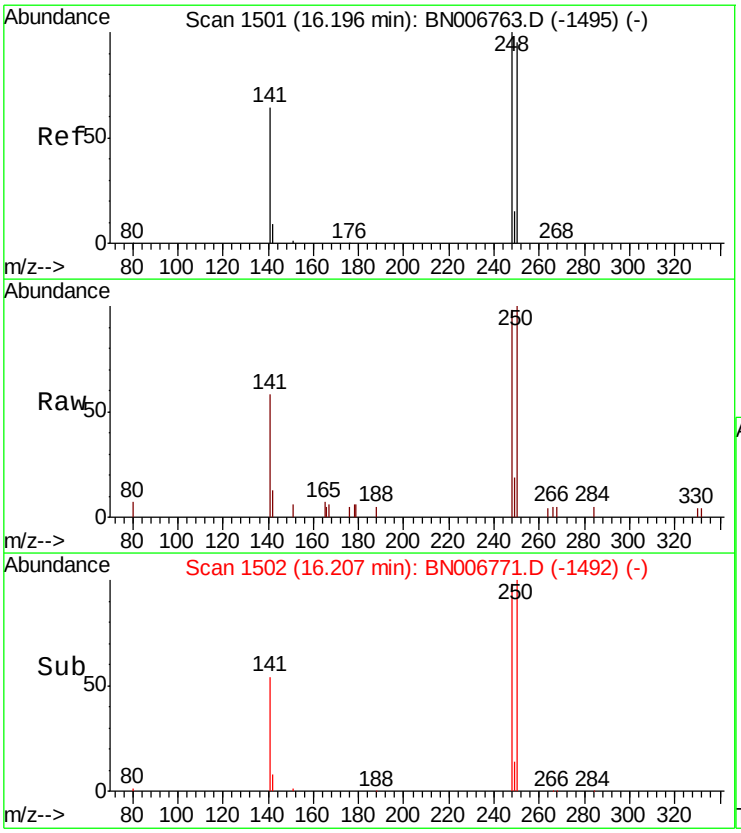
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 12446

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	10.1	15.1#

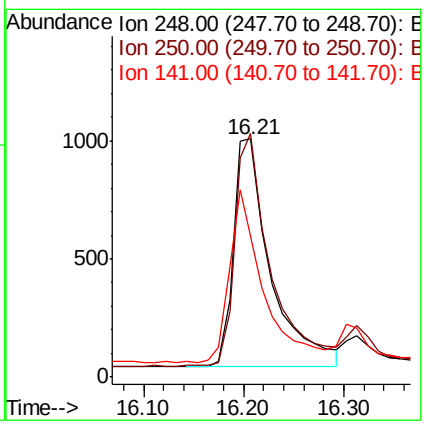


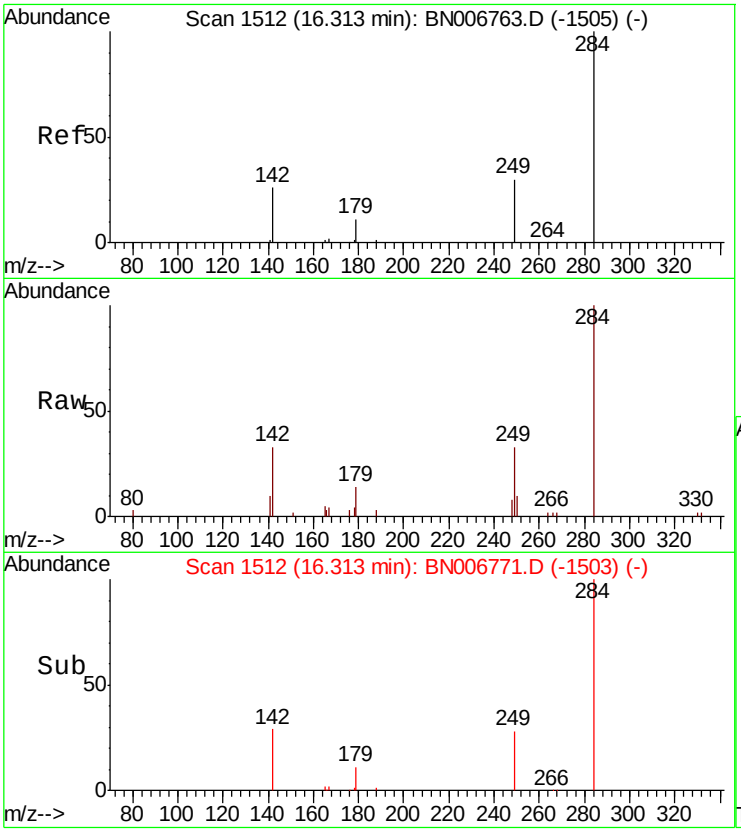


#20
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.21 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:248 Resp: 2483

Ion	Ratio	Lower	Upper
248	100		
250	102.3	76.5	114.7
141	59.1	53.2	79.8



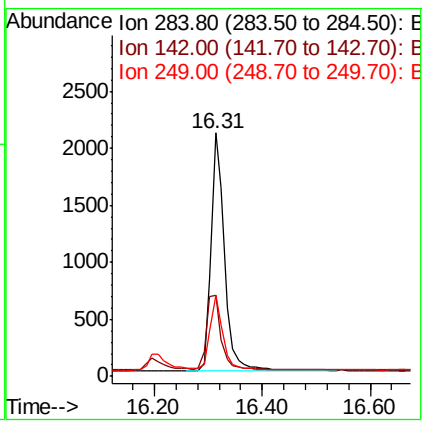


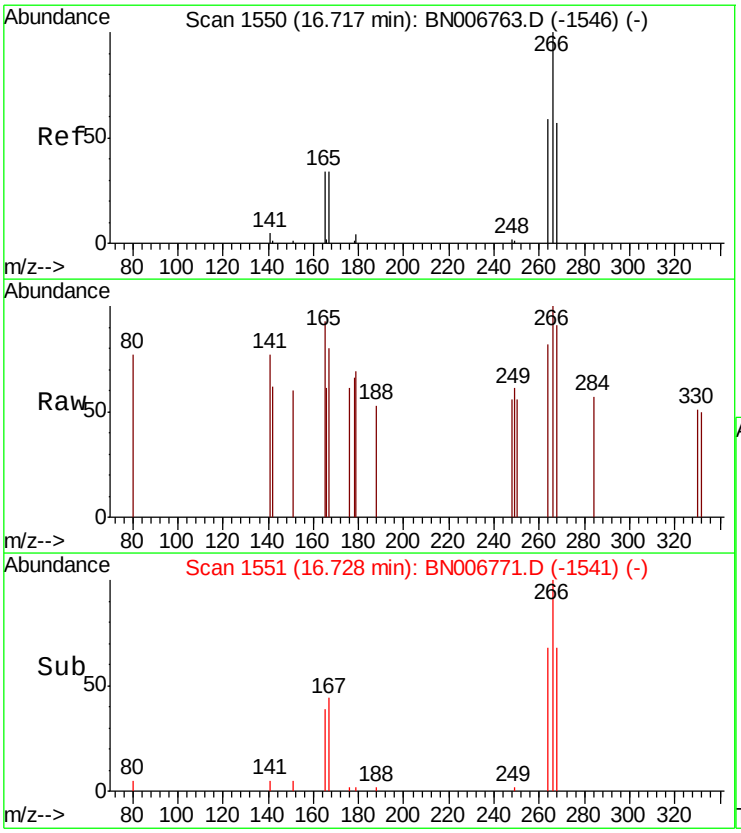
#21
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.31 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3607

Ion	Ratio	Lower	Upper
284	100		
142	35.2	27.0	40.4
249	30.3	24.3	36.5

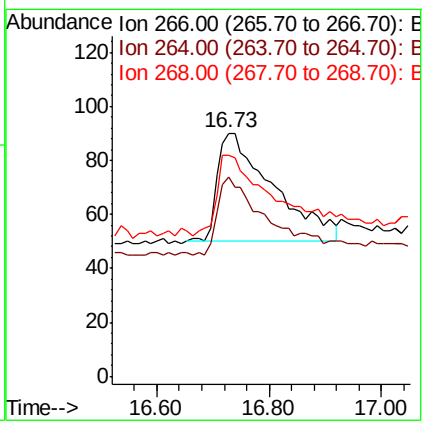


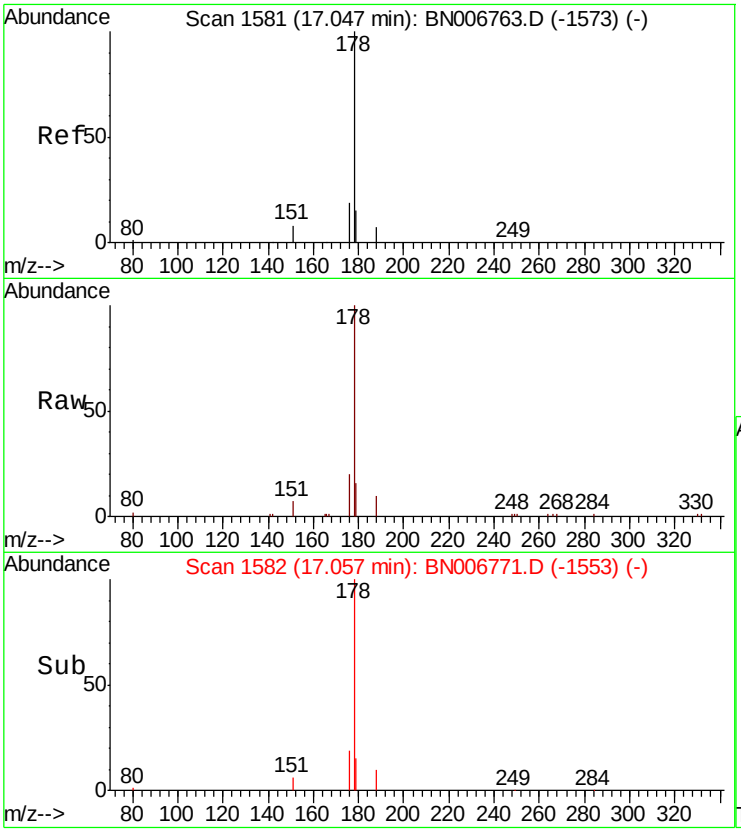


#22
Pentachlorophenol
Concen: 0.364 ng
RT: 16.73 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:266 Resp: 275

Ion	Ratio	Lower	Upper
266	100		
264	82.2	56.2	84.4
268	91.1	60.2	90.2#



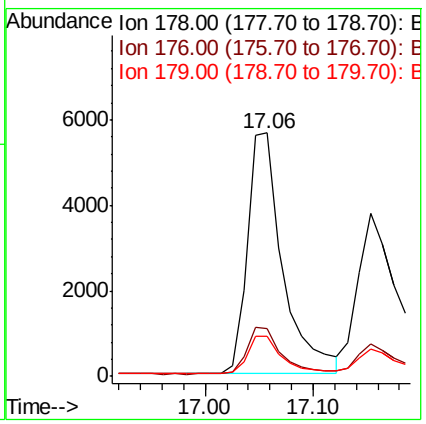


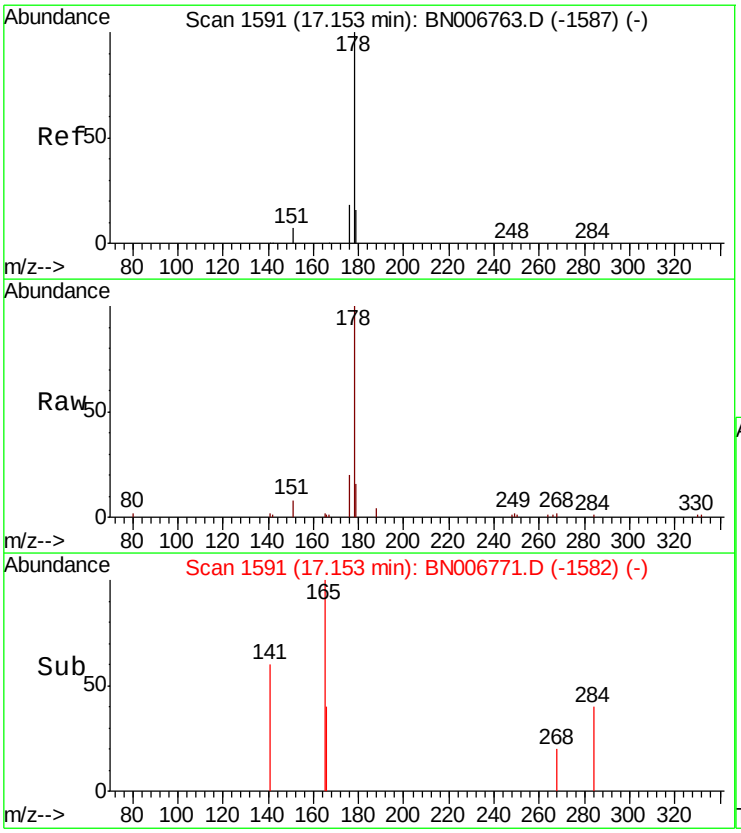
#23
Phenanthrene
Concen: 0.371 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 12791

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.2	18.2

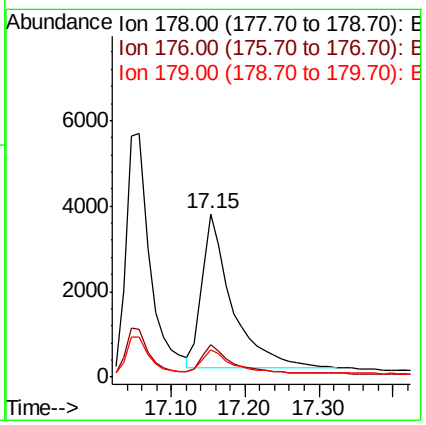


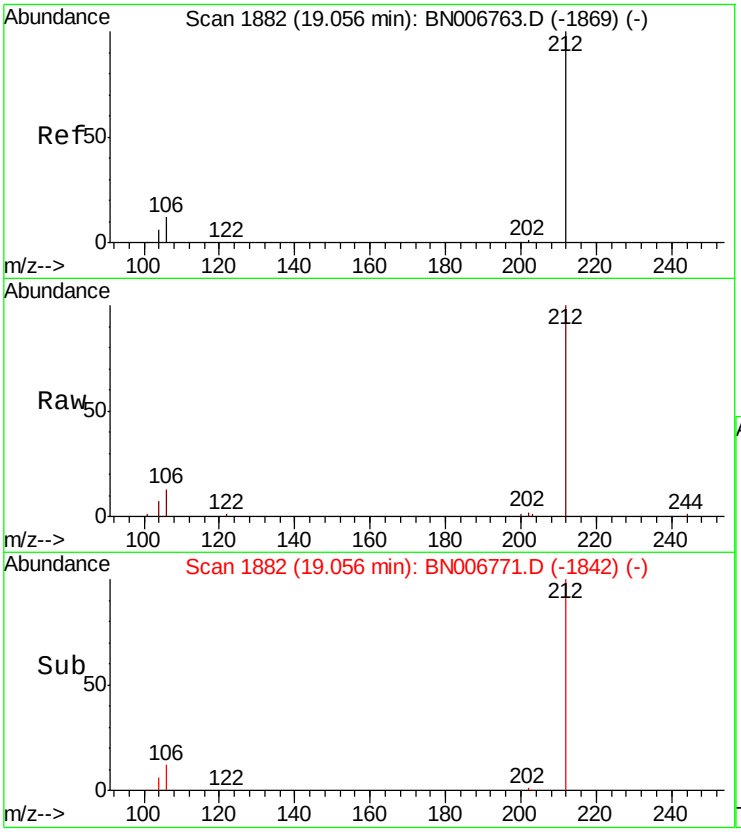


#24
Anthracene
Concen: 0.341 ng
RT: 17.15 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:178 Resp: 10182

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.1	12.1	18.1



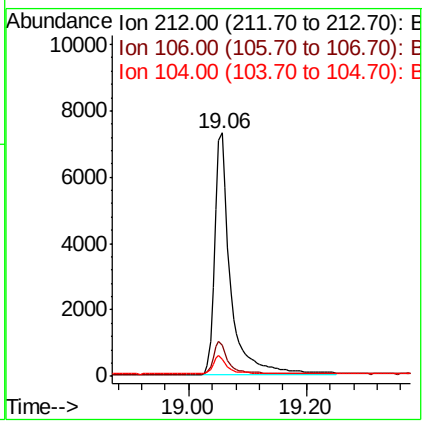


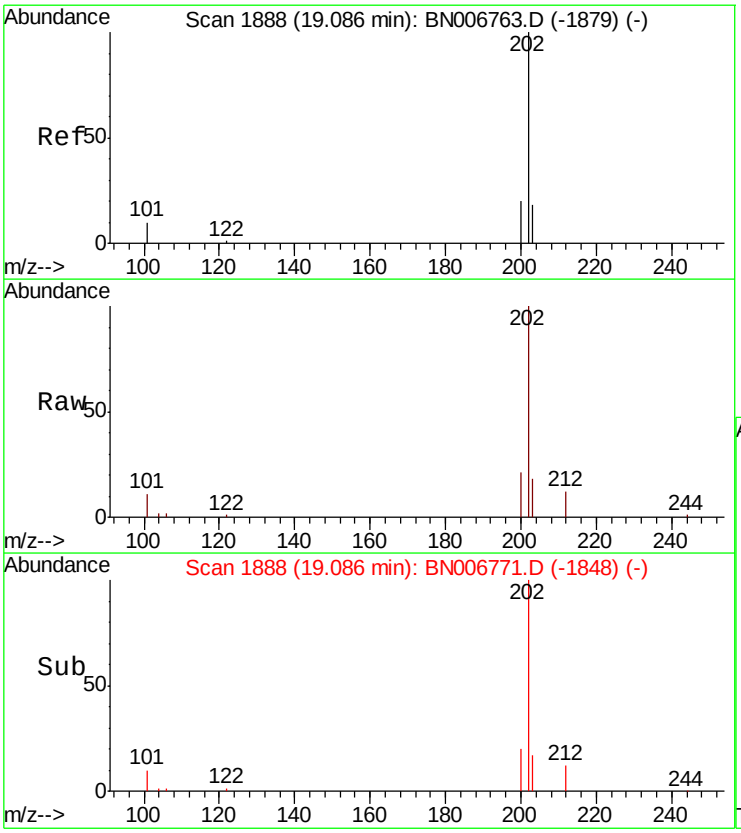
#25
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 13647

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.5	15.7
104	7.2	5.9	8.9

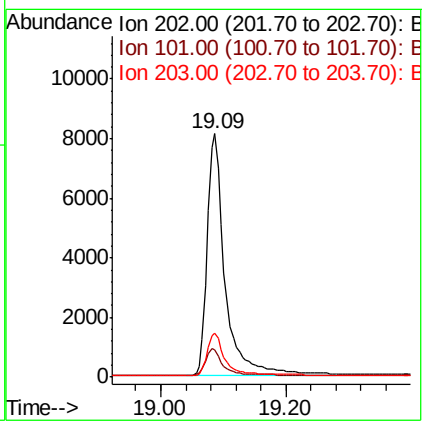


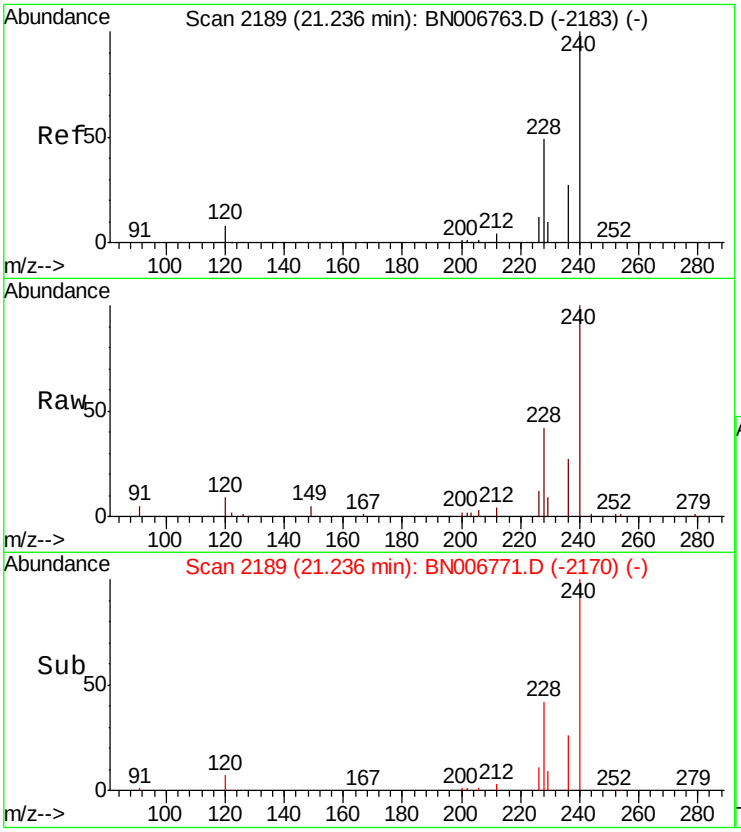


#26
Fluoranthene
Concen: 0.373 ng
RT: 19.09 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:202 Resp: 16138

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.8	13.2
203	16.9	13.6	20.4



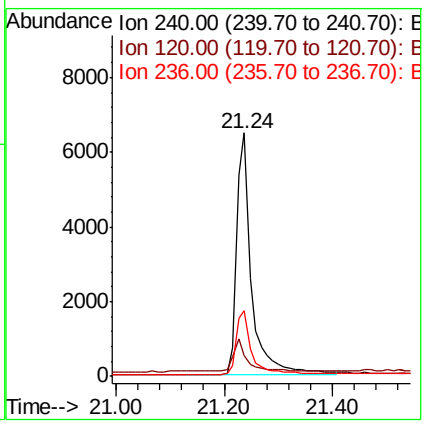


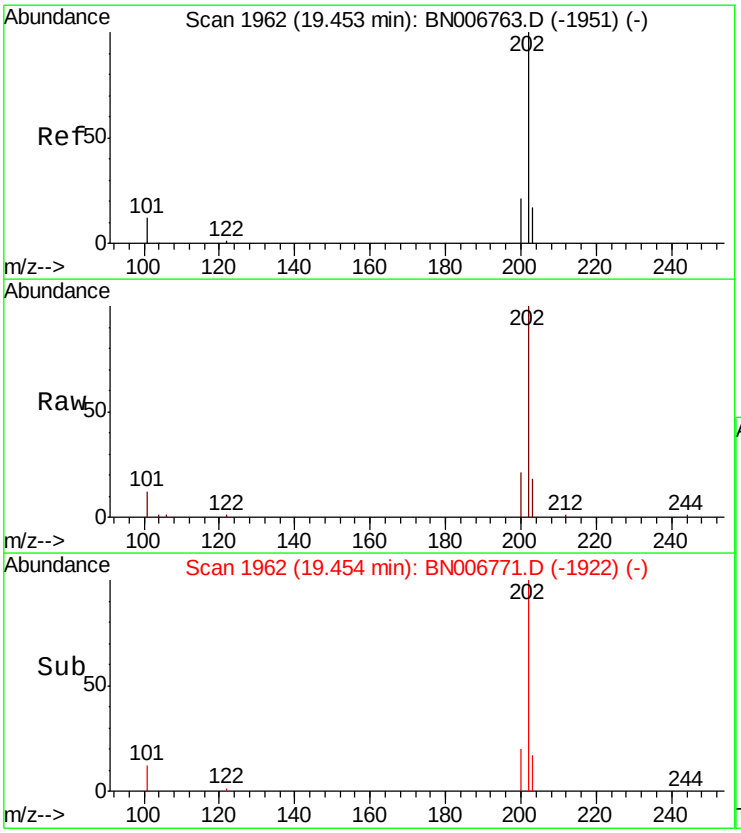
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 12255

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.1	12.1
236	26.8	21.8	32.6

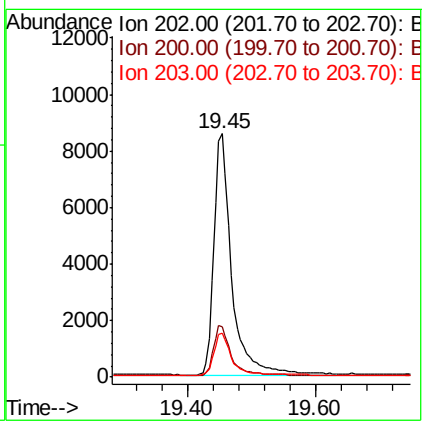


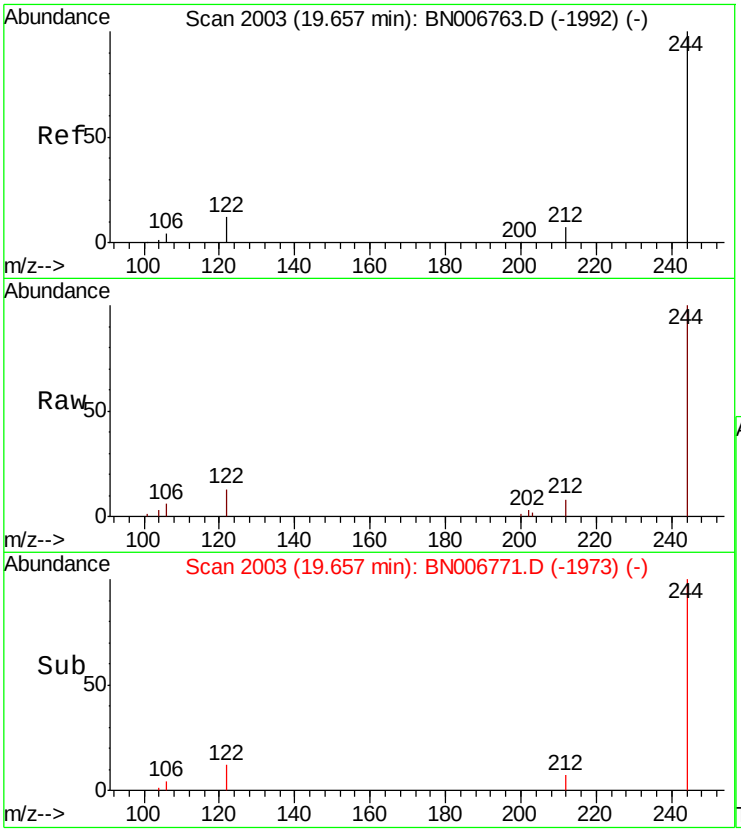


#28
Pyrene
Concen: 0.389 ng
RT: 19.45 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:202 Resp: 16556

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.7	25.1
203	17.6	14.0	21.0



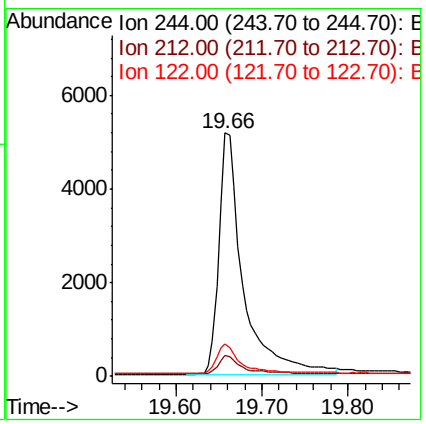


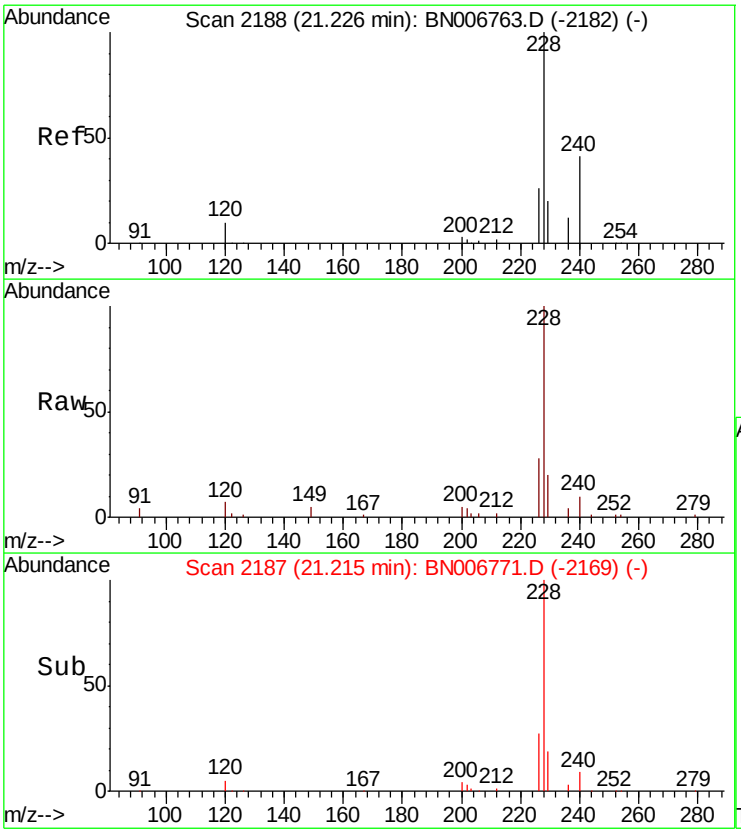
#29
Terphenyl-d14
Concen: 0.377 ng
RT: 19.66 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10176

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	13.3	10.3	15.5

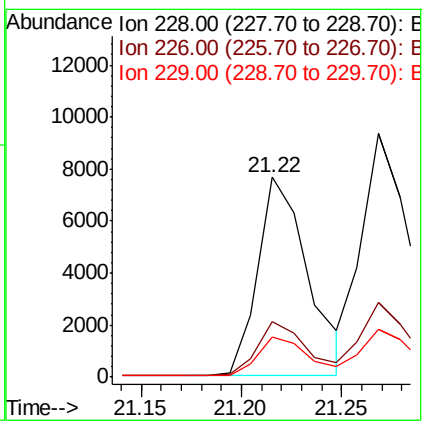


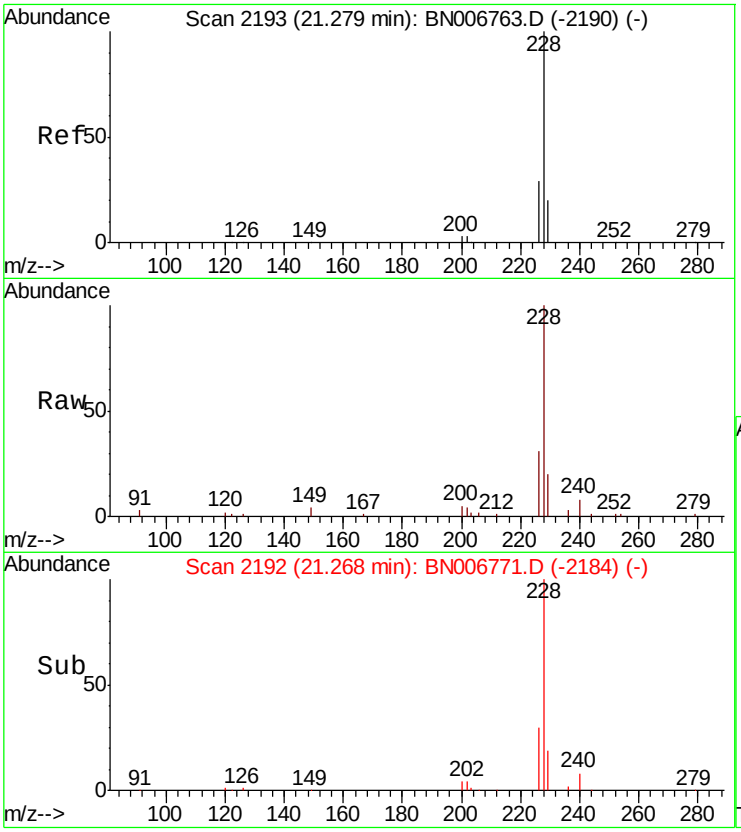


#30
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:228 Resp: 13238

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.2	31.8
229	19.9	16.4	24.6



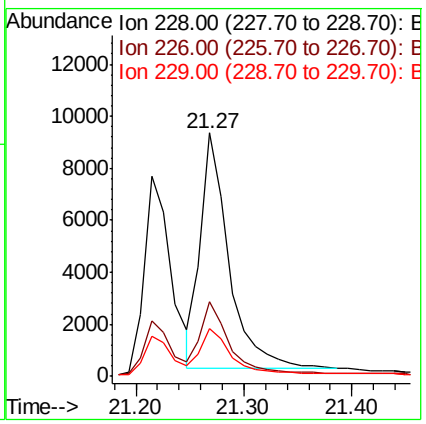


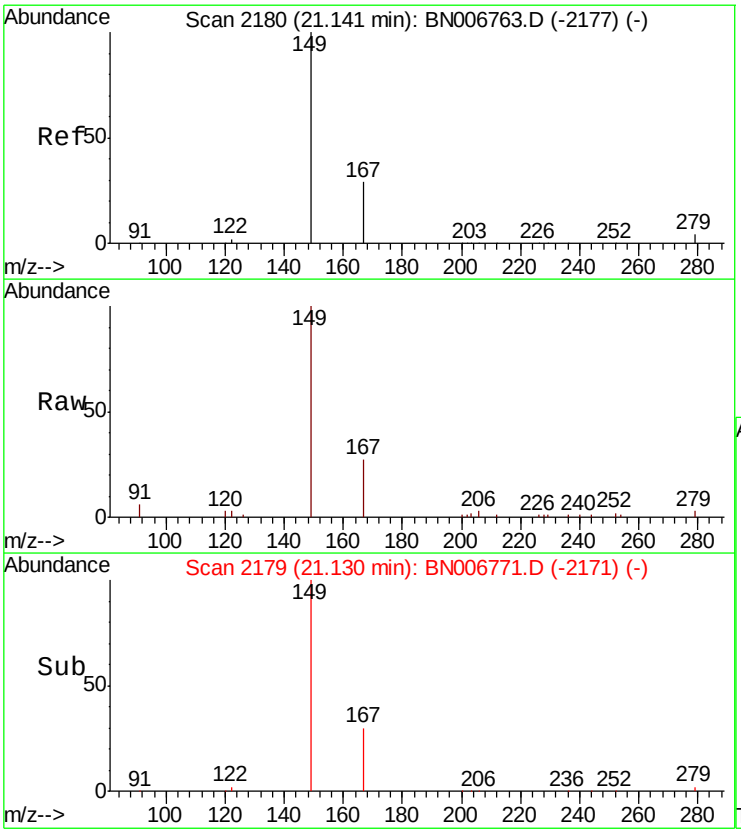
#31
Chrysene
Concen: 0.394 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 16690

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.5	35.3
229	19.8	16.0	24.0

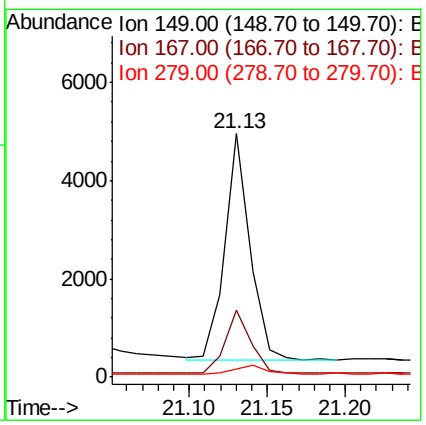


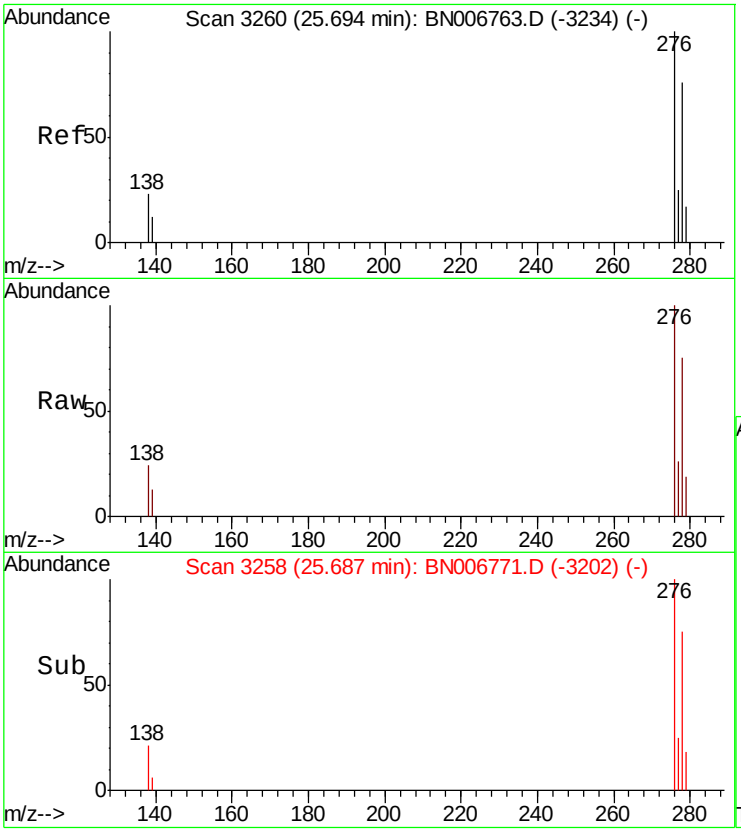


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:149 Resp: 5147

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	4.4	3.7	5.5



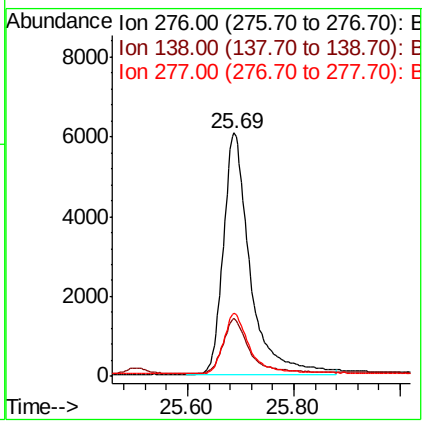


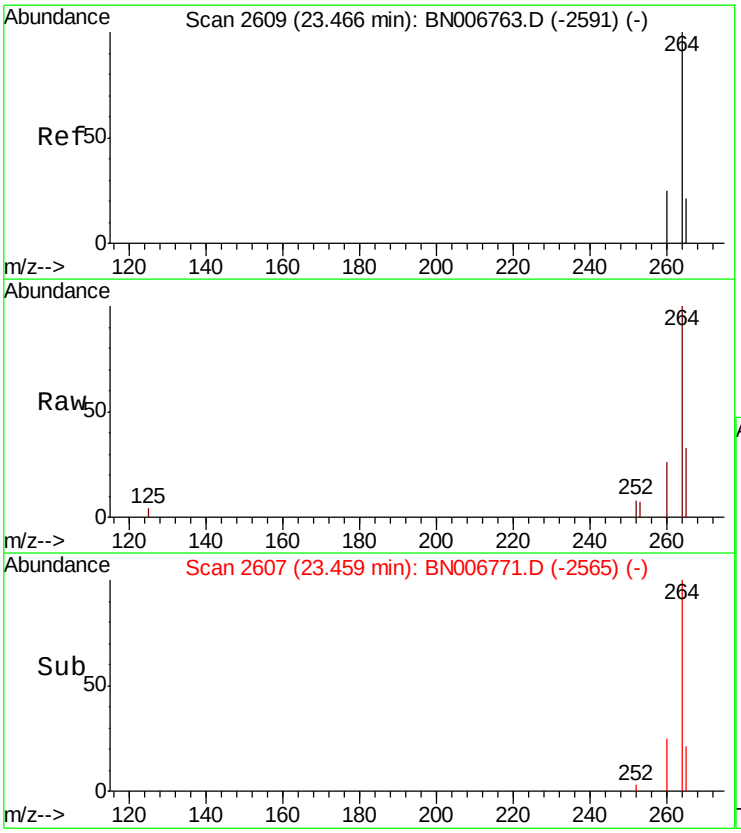
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 25.69 min Scan# 3258
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 21147

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.9	26.9
277	24.6	19.8	29.8

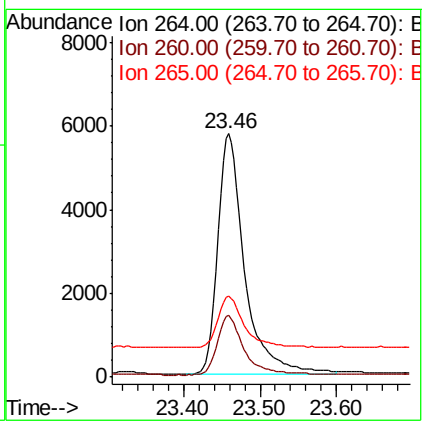


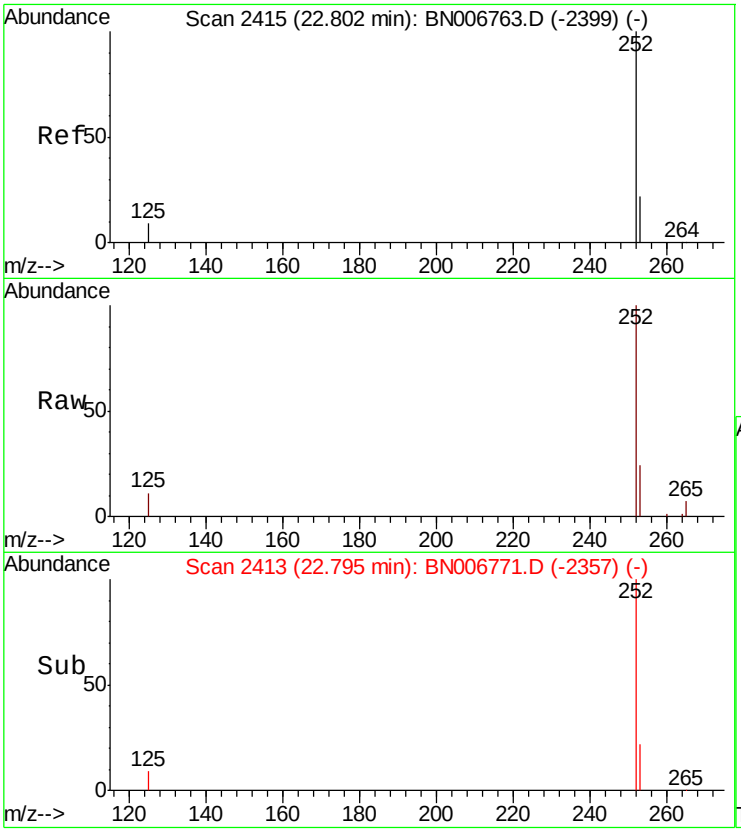


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:264 Resp: 14314

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.4
265	33.4	24.6	37.0



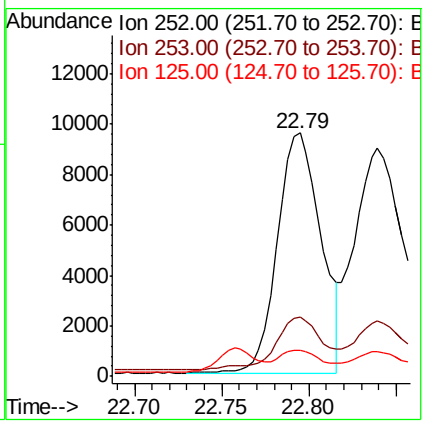


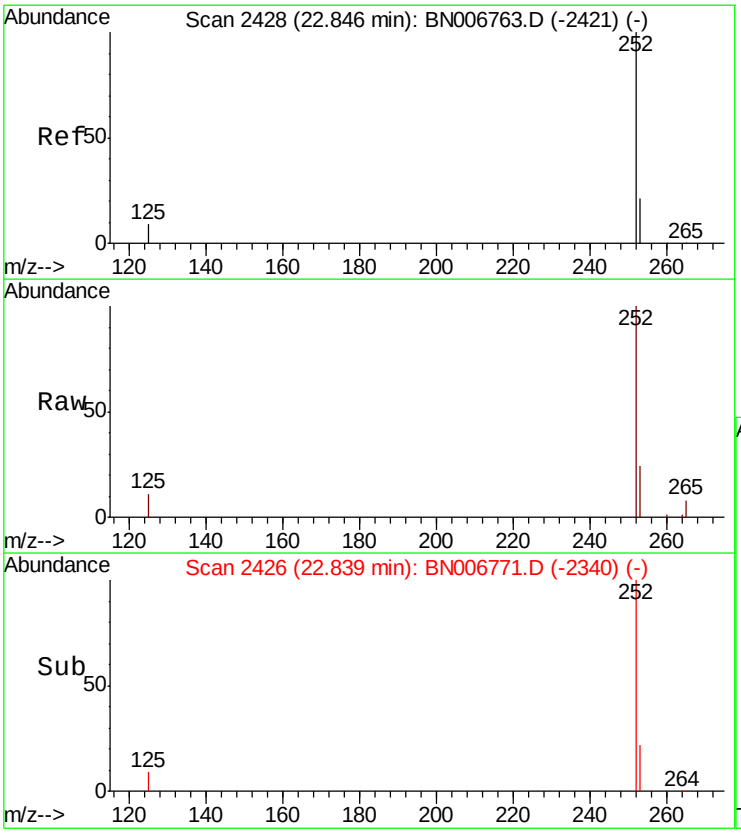
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.79 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16531

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	10.7	8.5	12.7

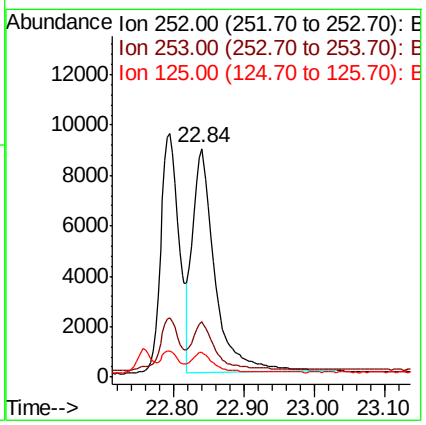


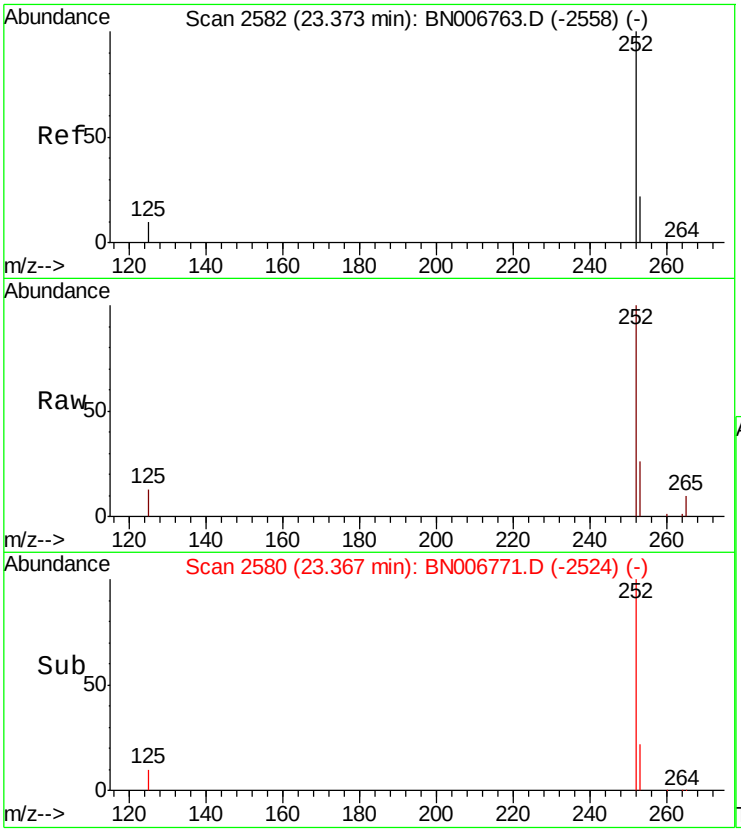


#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 22.84 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:252 Resp: 19833

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	11.0	8.4	12.6



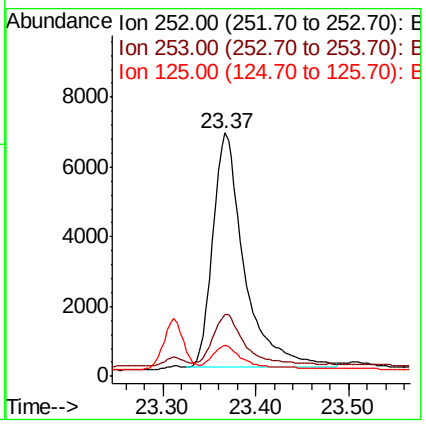


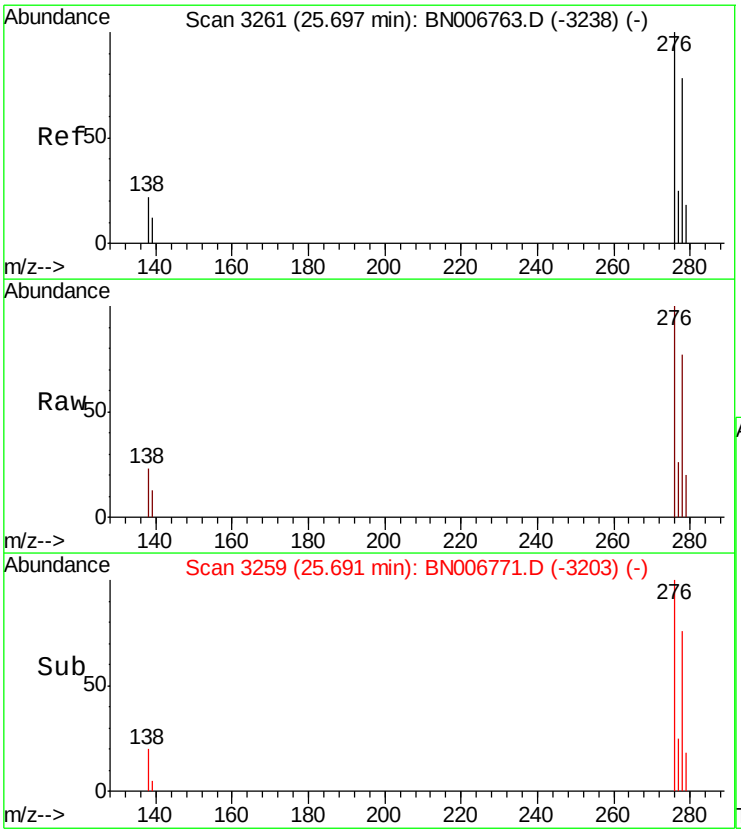
#37
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.37 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16063

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.5	29.3
125	12.9	9.5	14.3

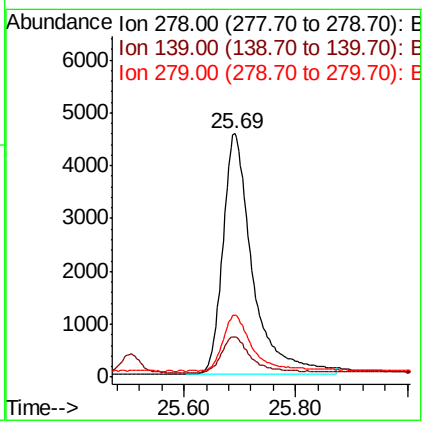


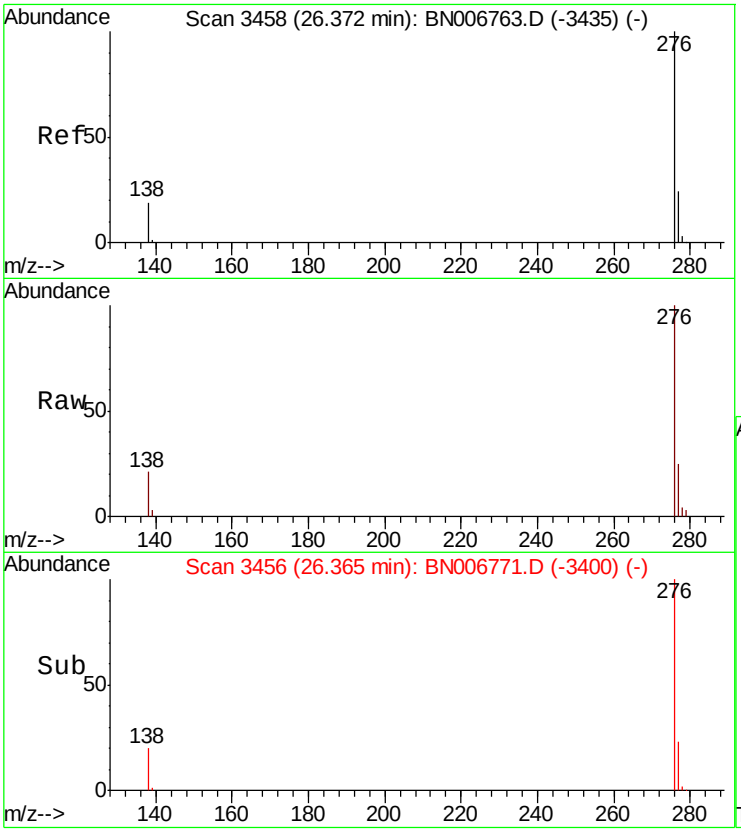


#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 25.69 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:278 Resp: 16779

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	25.5	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 26.36 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 17946

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.2
138	21.3	16.2	24.4