Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006610.D
Acq On : 28 Jun 2019 12:33
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jun 28 13:48:42 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 13:12:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	5920	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	26330	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	15751	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	35323	0.40	ng		-0.01
27) Chrysene-d12	21.27	240	35937	0.40	ng		0.00
34) Perylene-d12	23.52	264	34161	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	76591	5.18	ng		-0.02
5) Phenol-d6	6.80	99	108867	6.22	ng		-0.03
8) Nitrobenzene-d5	8.77	82	105541	6.92	ng		-0.03
11) 2-Methylnaphthalene-d10	11.99	152	217380	5.33	ng		0.00
14) 2,4,6-Tribromophenol	15.77	330	47660	5.39	ng		-0.02
15) 2-Fluorobiphenyl	12.88	172	299785	5.04	ng		-0.01
25) Fluoranthene-d10	19.08	212	557887	5.53	ng		0.00
29) Terphenyl-d14	19.68	244	388906	5.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	38571	6.059	ng		99
6) bis(2-Chloroethyl)ether	7.05	93	97780	5.914	ng		88
9) Naphthalene	10.44	128	341508	5.160	ng		99
10) Hexachlorobutadiene	10.73	225	66785	5.436	ng	#	99
12) 2-Methylnaphthalene	12.07	142	241173	5.051	ng		99
16) Acenaphthylene	13.99	152	416976	5.608	ng		100
17) Acenaphthene	14.33	154	251993	5.337	ng		99
18) Fluorene	15.32	166	323772	5.110	ng		99
20) 4-Bromophenyl-phenylether	16.22	248	109652	5.422	ng		92
21) Hexachlorobenzene	16.35	284	124882	5.593	ng		100
23) Phenanthrene	17.07	178	528061	5.342	ng		100
24) Anthracene	17.16	178	505917	5.745	ng		100
26) Fluoranthene	19.11	202	623674	5.150	ng		99
28) Pyrene	19.47	202	642988	6.299	ng		100
30) Benzo(a)anthracene	21.25	228	638958	6.305	ng		99
31) Chrysene	21.30	228	618115	5.658	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	384462	9.060	ng		100
33) Indeno(1,2,3-cd)pyrene	25.75	276	588061	4.788	ng		100
35) Benzo(b)fluoranthene	22.85	252	612650	5.594	ng		98
36) Benzo(k)fluoranthene	22.89	252	615911	5.819	ng		98
37) Benzo(a)pyrene	23.41	252	557889	5.729	ng		97
38) Dibenzo(a,h)anthracene	25.76	278	477462	4.900	ng		98
39) Benzo(g,h,i)perylene	26.43	276	469850	4.789	ng		98

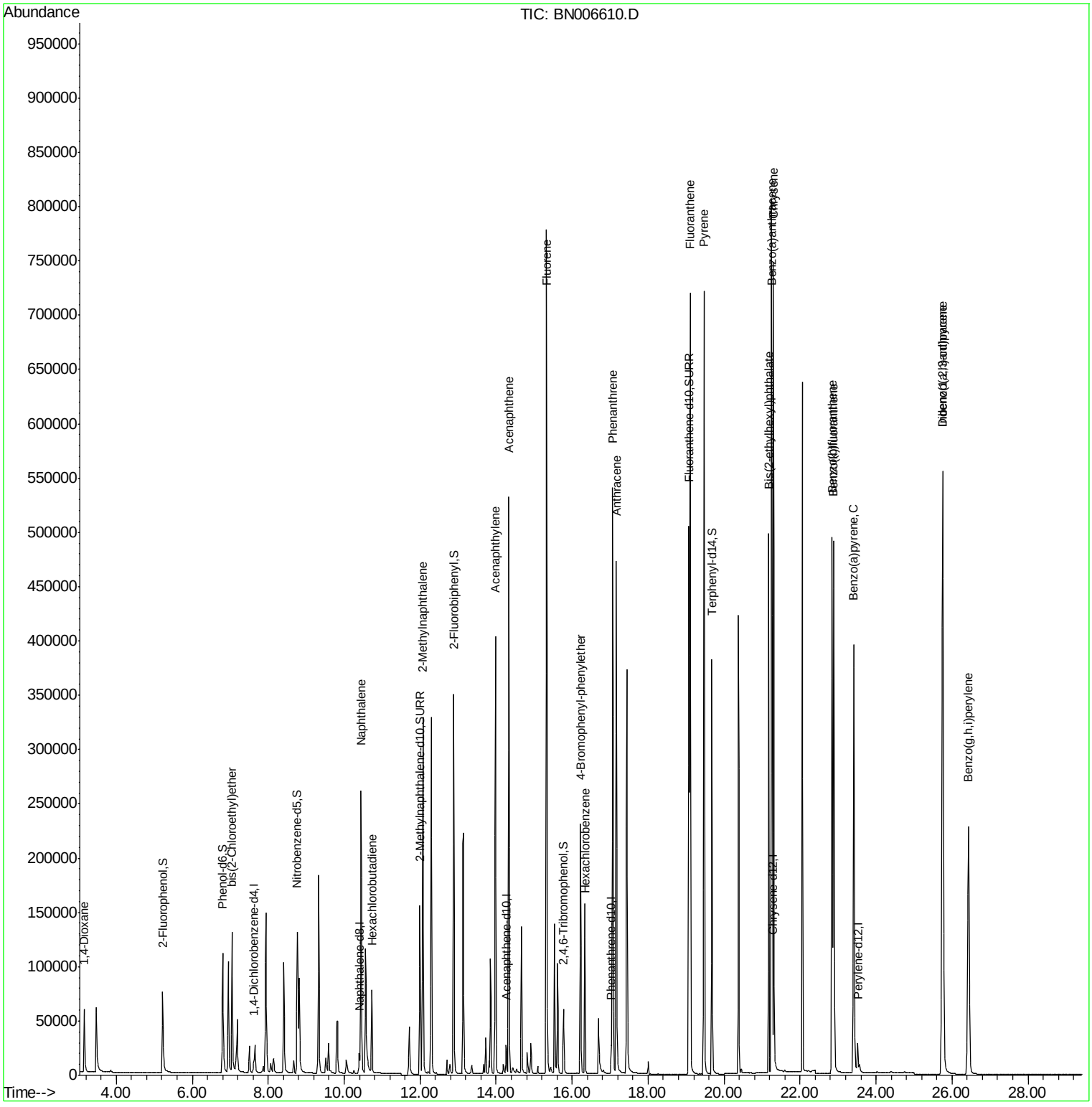
(#) = qualifier out of range (m) = manual integration (+) = signals summed

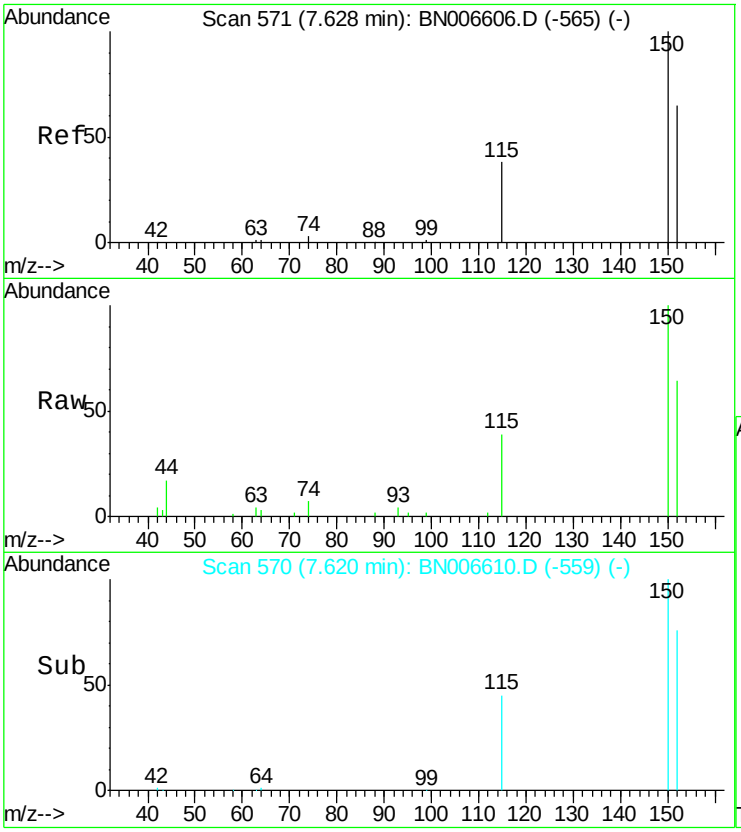
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006610.D
Acq On : 28 Jun 2019 12:33
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 28 13:48:42 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 13:12:15 2019
Response via : Initial Calibration



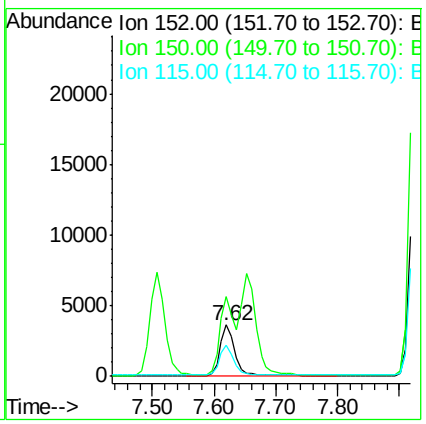


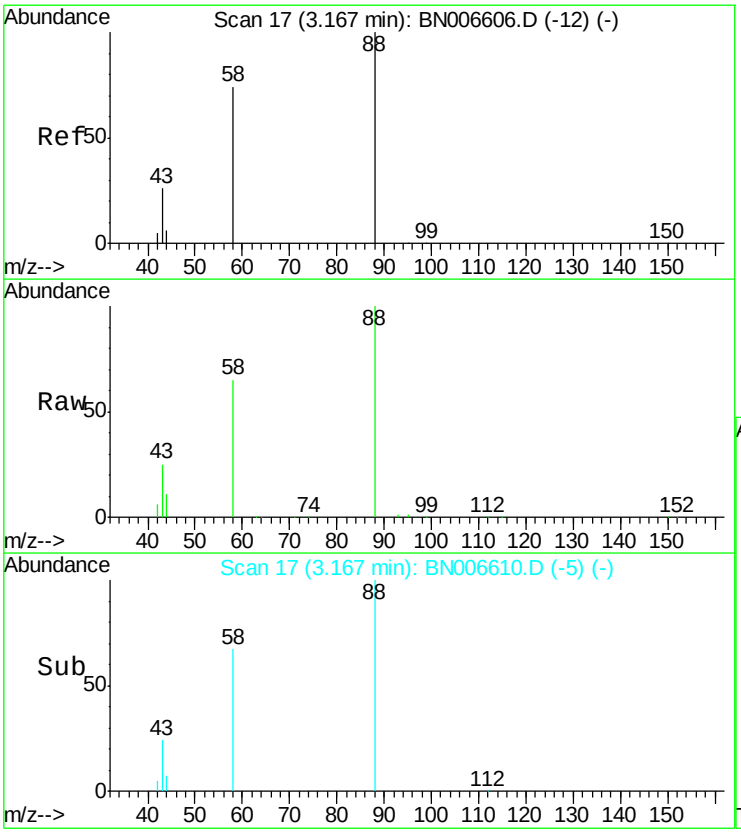
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5920

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.2	183.2
115	60.6	50.0	75.0

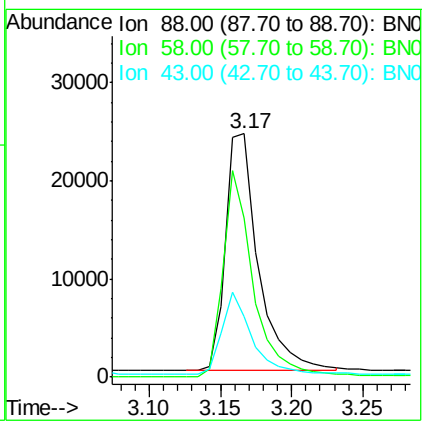


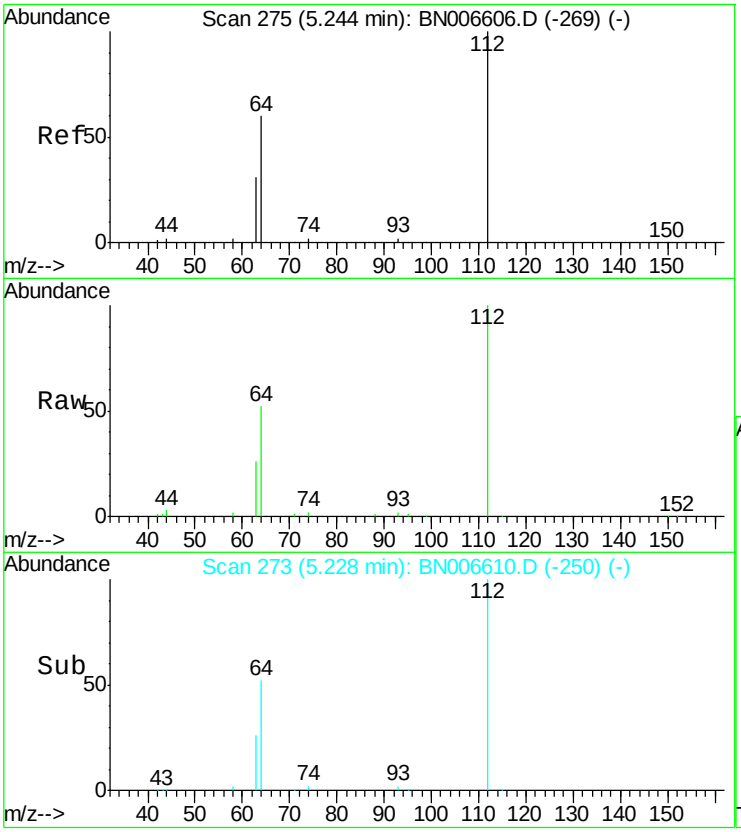


#2
1,4-Dioxane
Concen: 6.059 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion: 88 Resp: 38571

Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.5	93.7
43	30.7	25.4	38.0



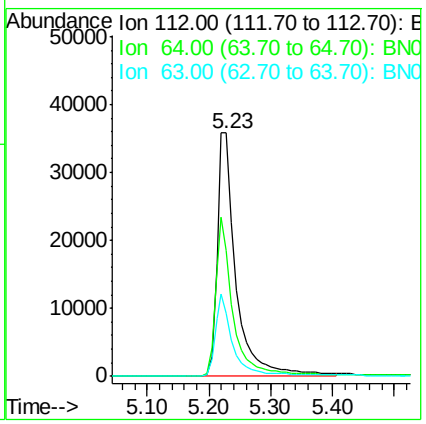


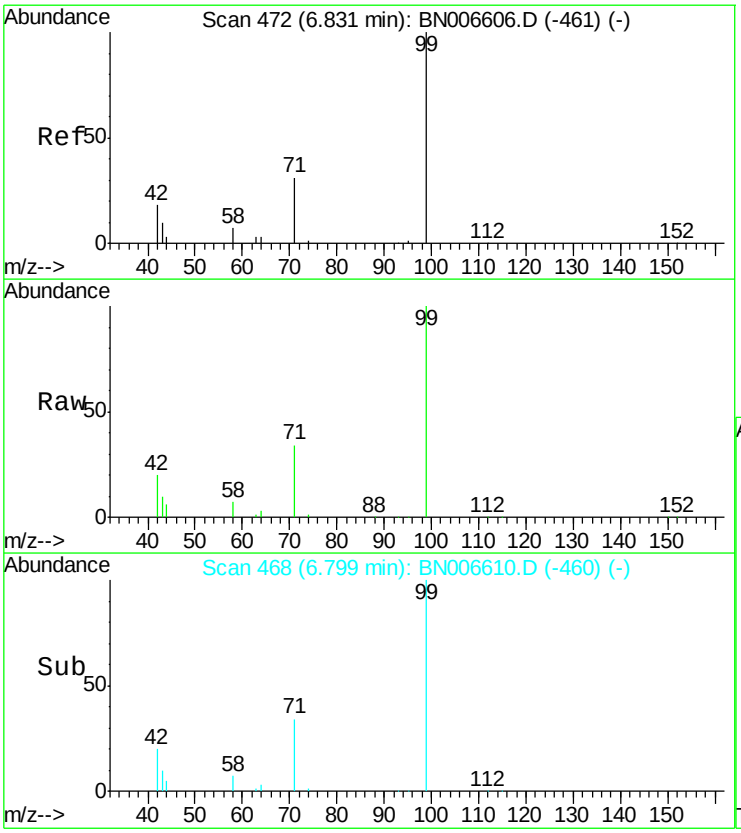
#4
2-Fluorophenol
Concen: 5.182 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.02 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:112 Resp: 76591

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.9	73.3
63	31.2	24.3	36.5

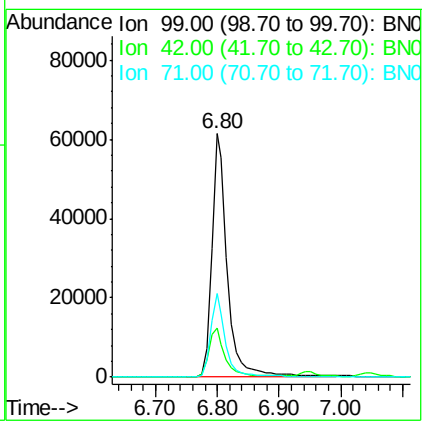


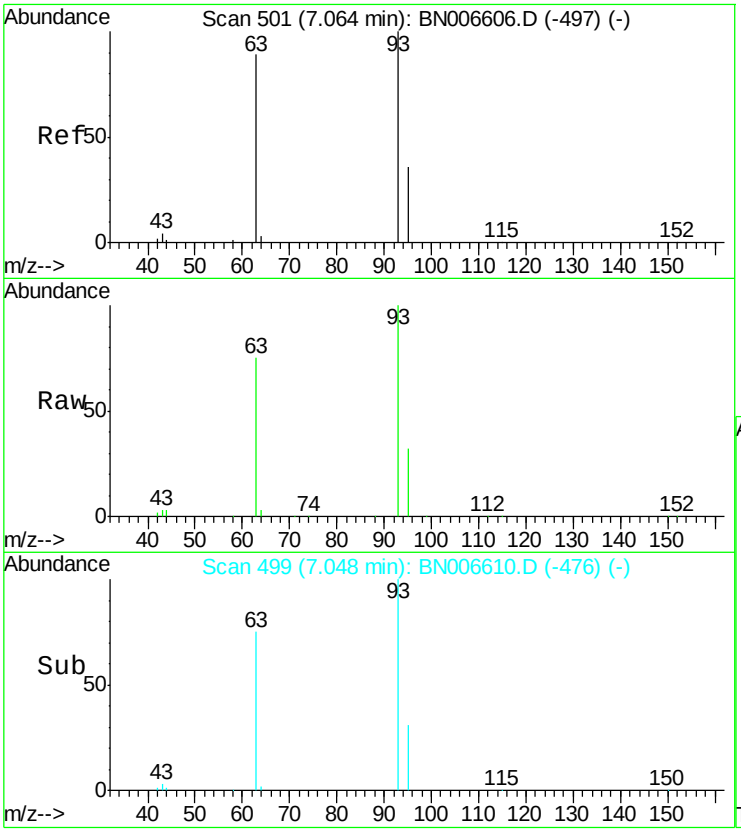


#5
Phenol-d6
Concen: 6.220 ng
RT: 6.80 min Scan# 468
Delta R.T. -0.03 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion: 99 Resp: 108867

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.4	24.6
71	33.1	26.6	40.0



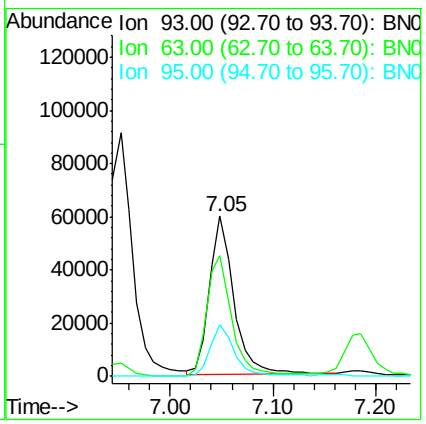


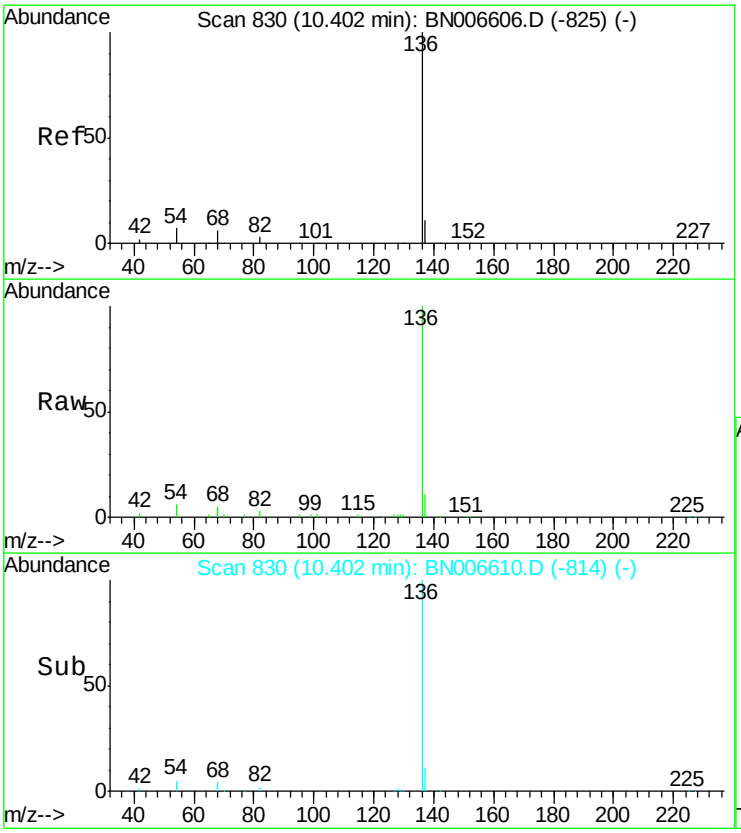
#6
bis(2-Chloroethyl)ether
Concen: 5.914 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.02 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 93 Resp: 97780

Ion	Ratio	Lower	Upper
93	100		
63	77.8	52.5	78.7
95	32.1	24.2	36.4

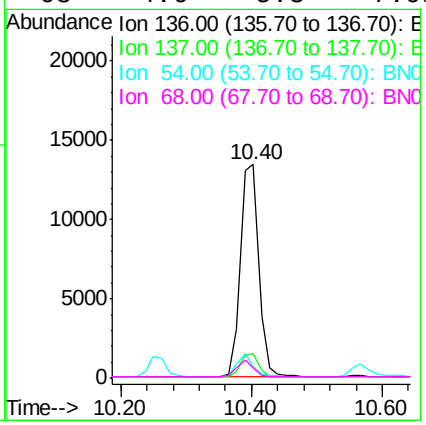


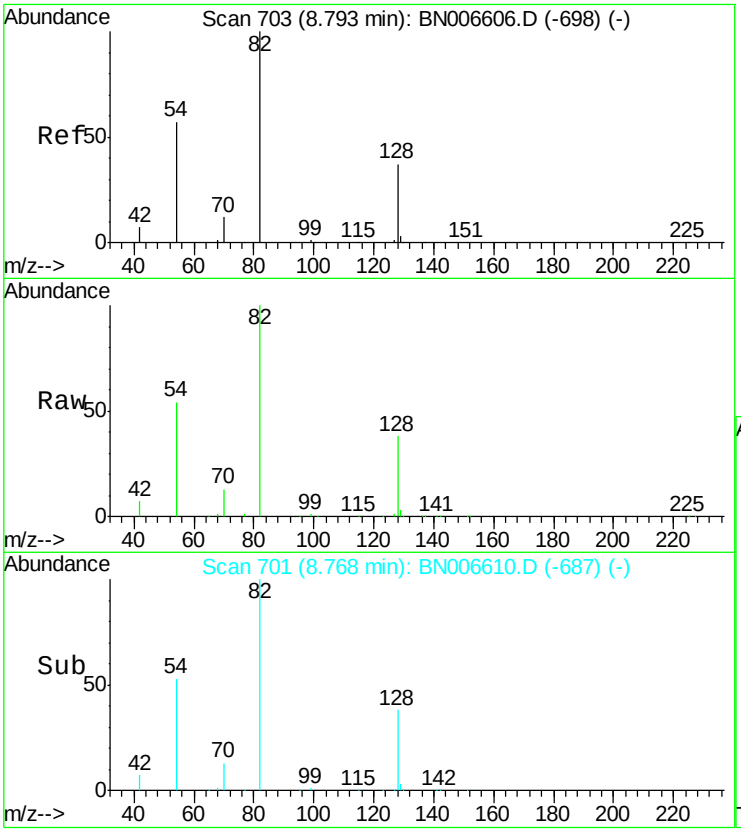


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:136 Resp: 26330

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	5.7	6.7	10.1#
68	4.6	5.3	7.9#



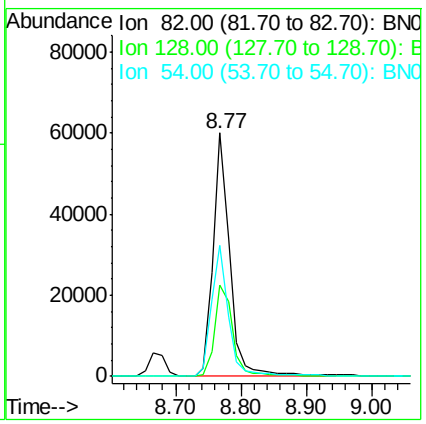


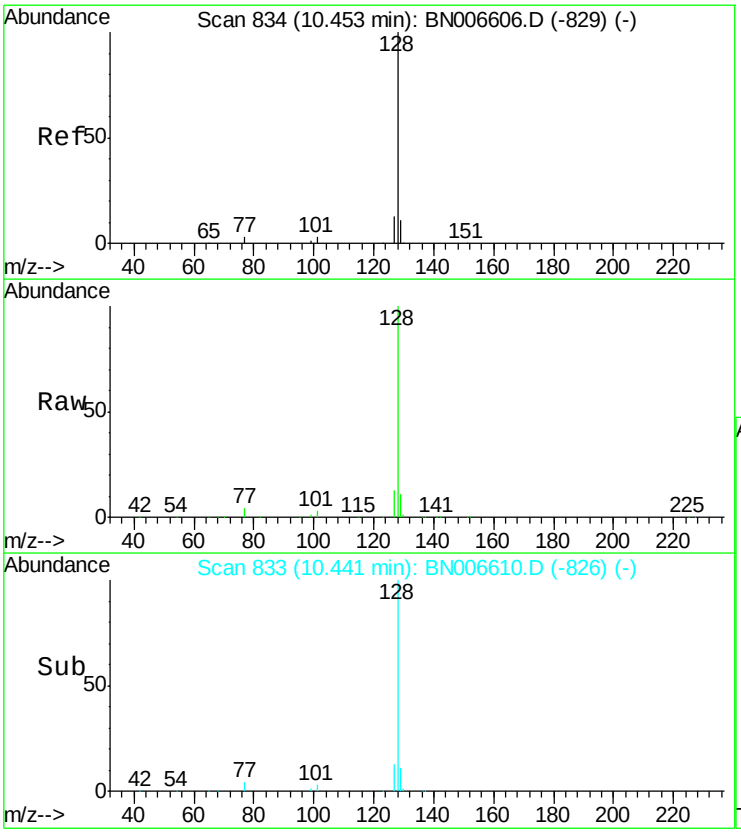
#8
Nitrobenzene-d5
Concen: 6.916 ng
RT: 8.77 min Scan# 701
Delta R.T. -0.03 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 82 Resp: 105541

Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.6	49.0
54	53.6	48.2	72.4

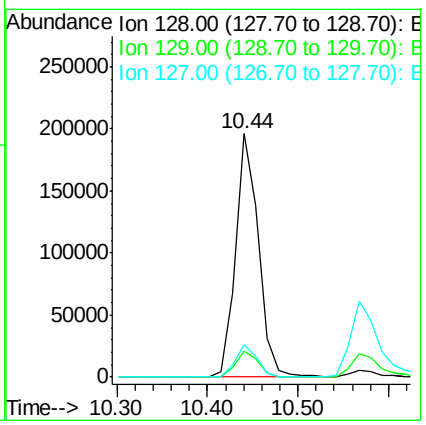


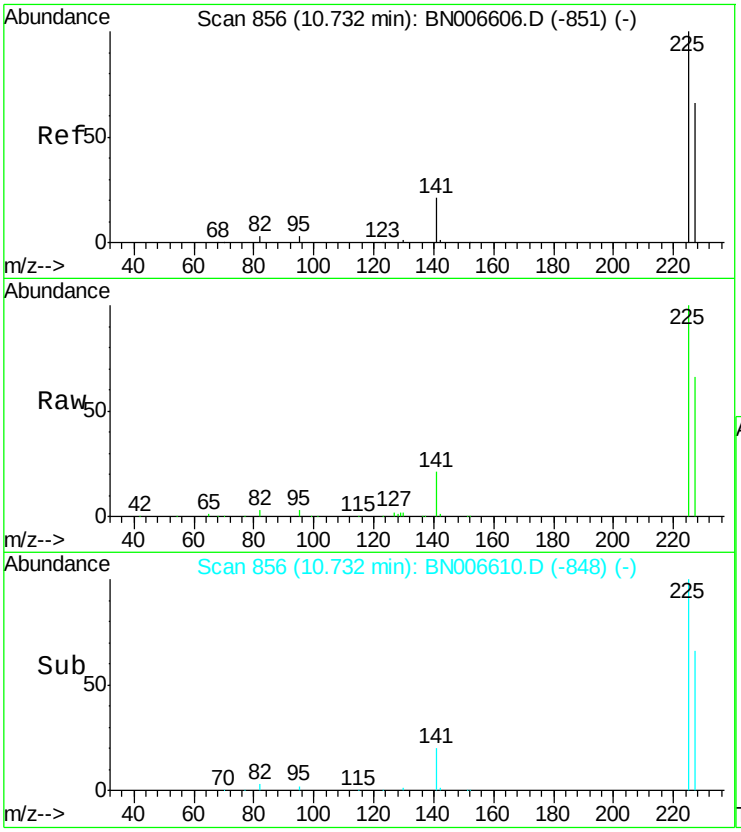


#9
Naphthalene
Concen: 5.160 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:128 Resp: 341508

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	13.2	10.8	16.2



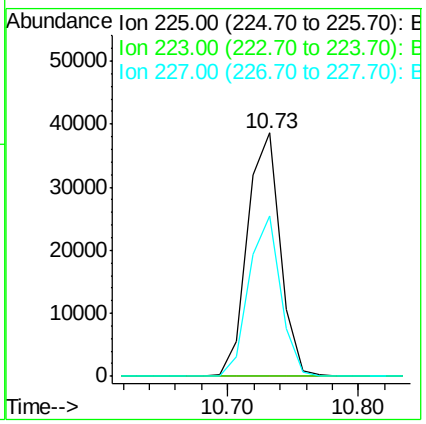


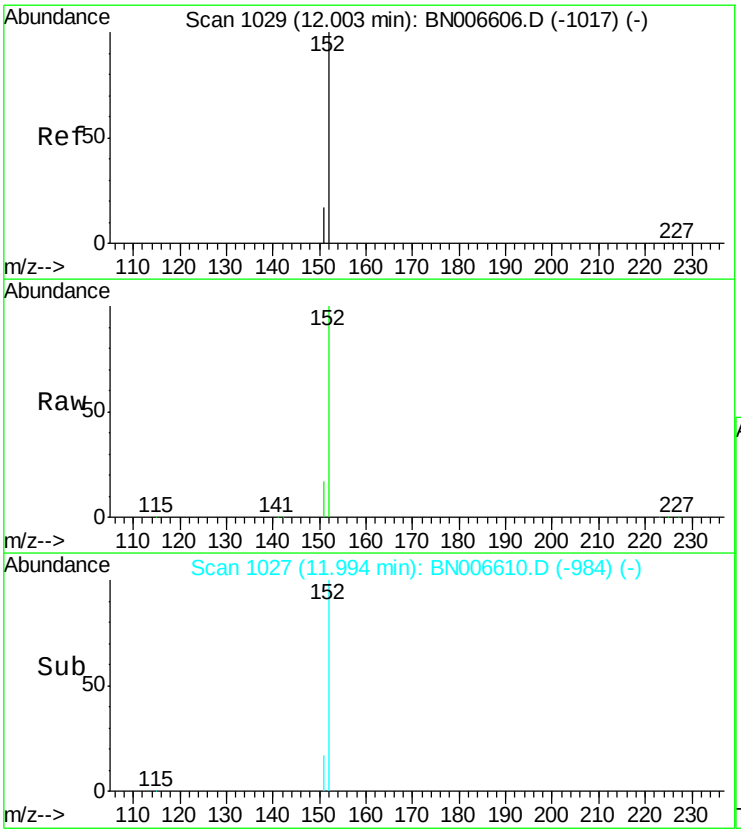
#10
Hexachlorobutadiene
Concen: 5.436 ng
RT: 10.73 min Scan# 856
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:225 Resp: 66785

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.4	77.2

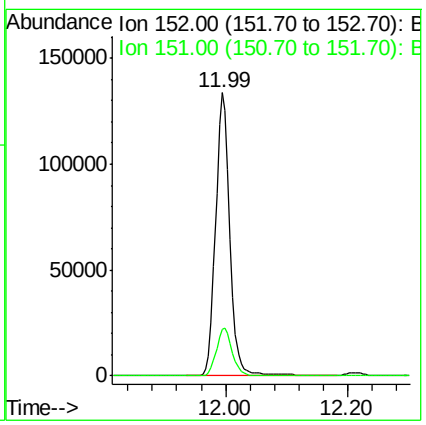


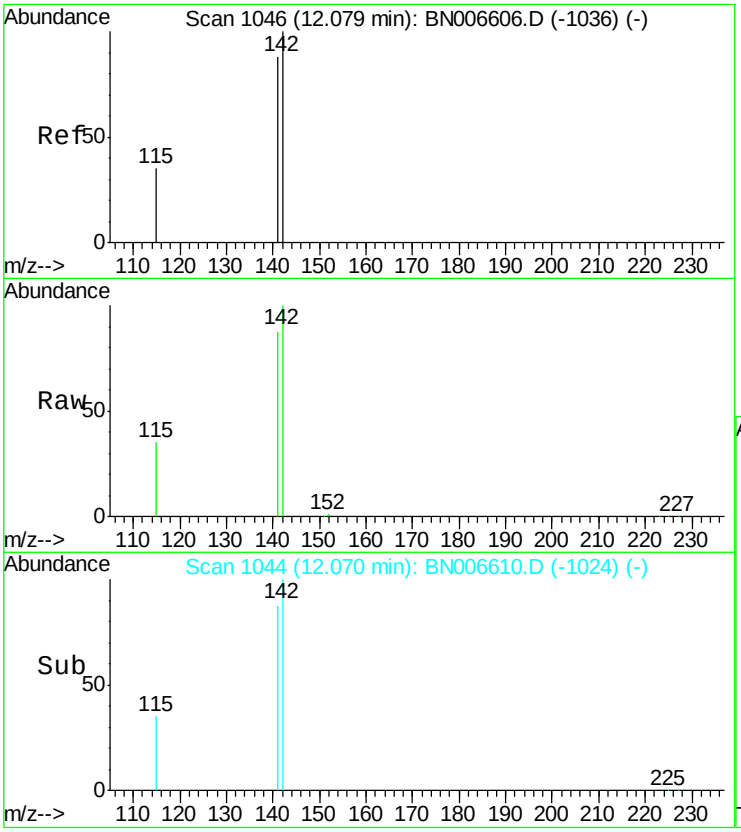


#11
2-Methylnaphthalene-d10
Concen: 5.328 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:152 Resp: 217380

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.4



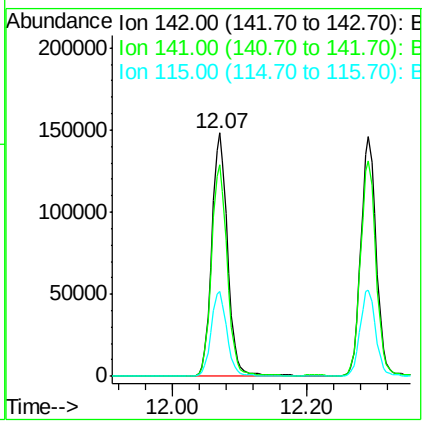


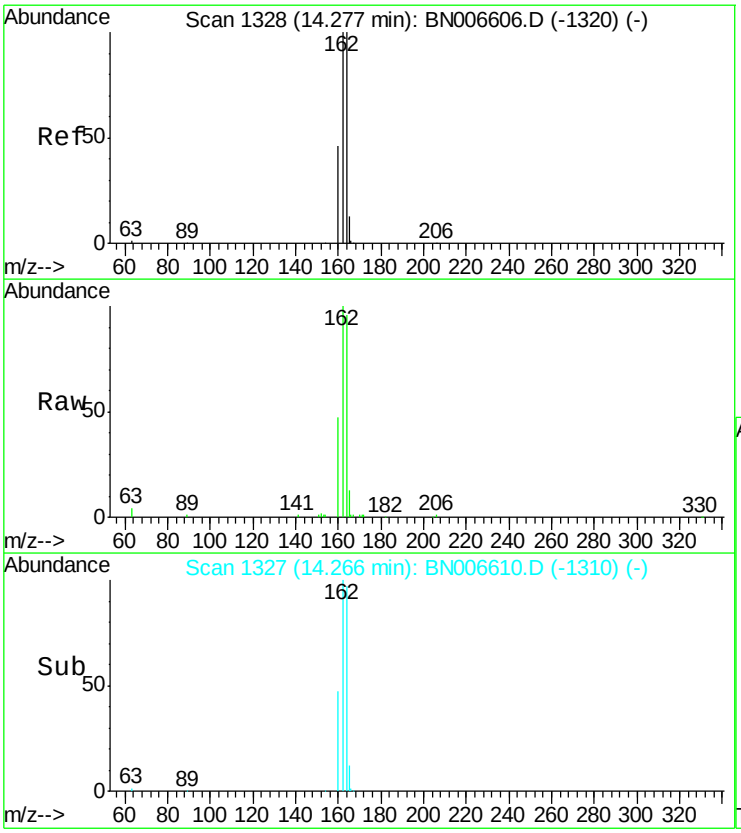
#12
2-Methylnaphthalene
Concen: 5.051 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:142 Resp: 241173

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.2	105.4
115	34.7	28.5	42.7

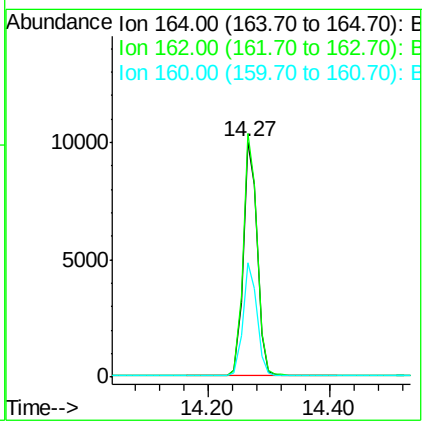


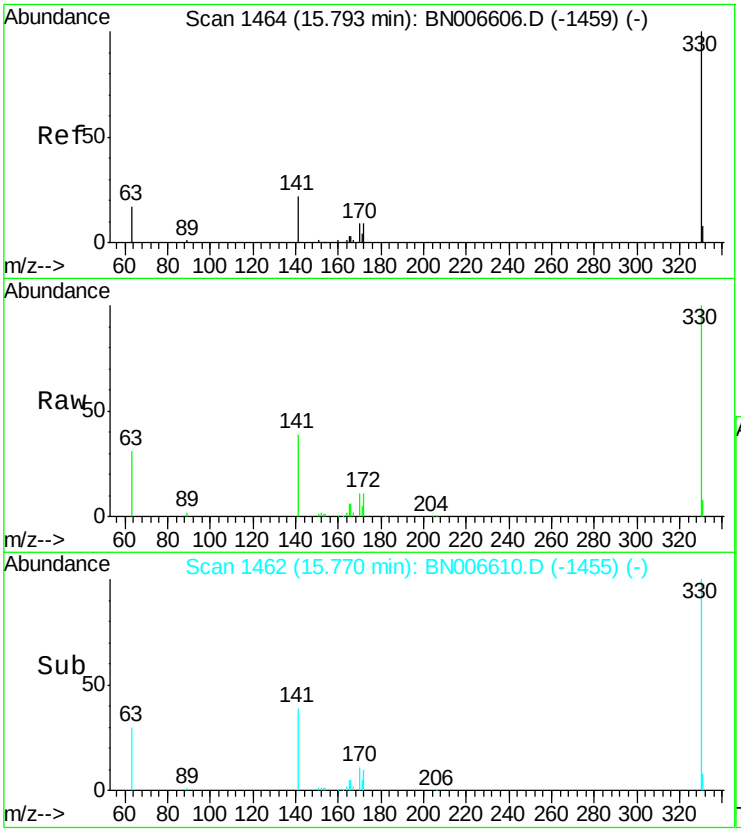


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:164 Resp: 15751

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.0	120.0
160	48.6	37.0	55.4



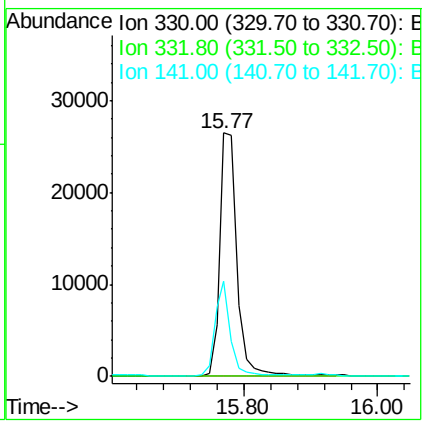


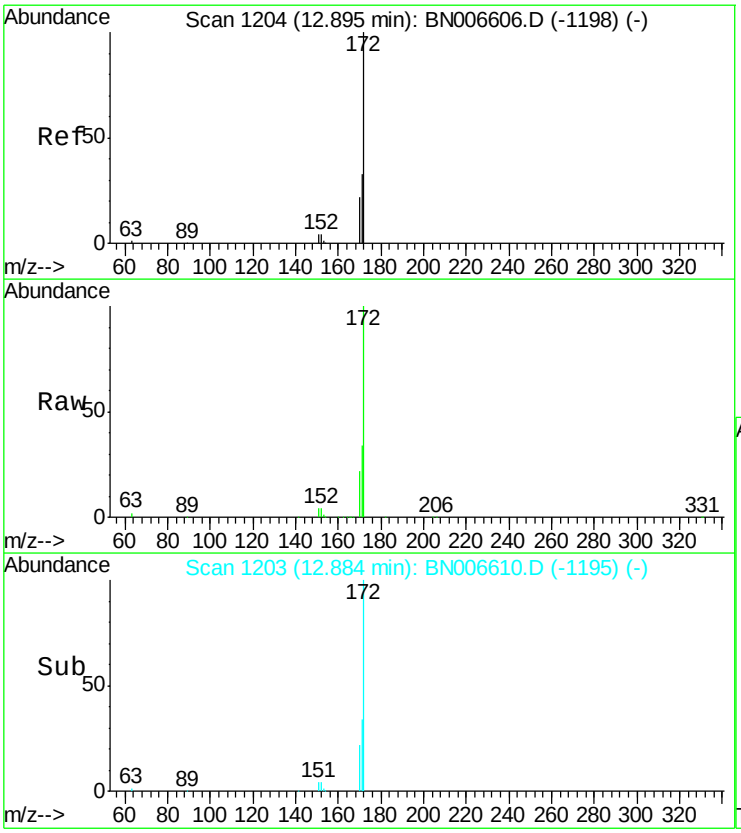
#14
2,4,6-Tribromophenol
Concen: 5.395 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:330 Resp: 47660

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

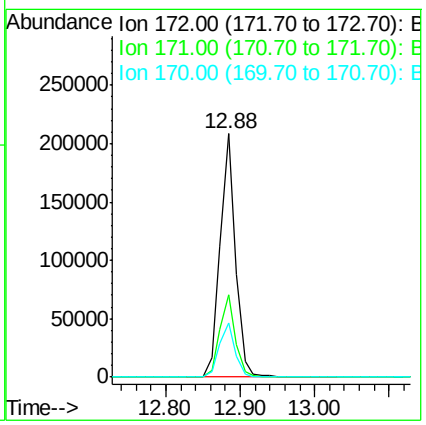


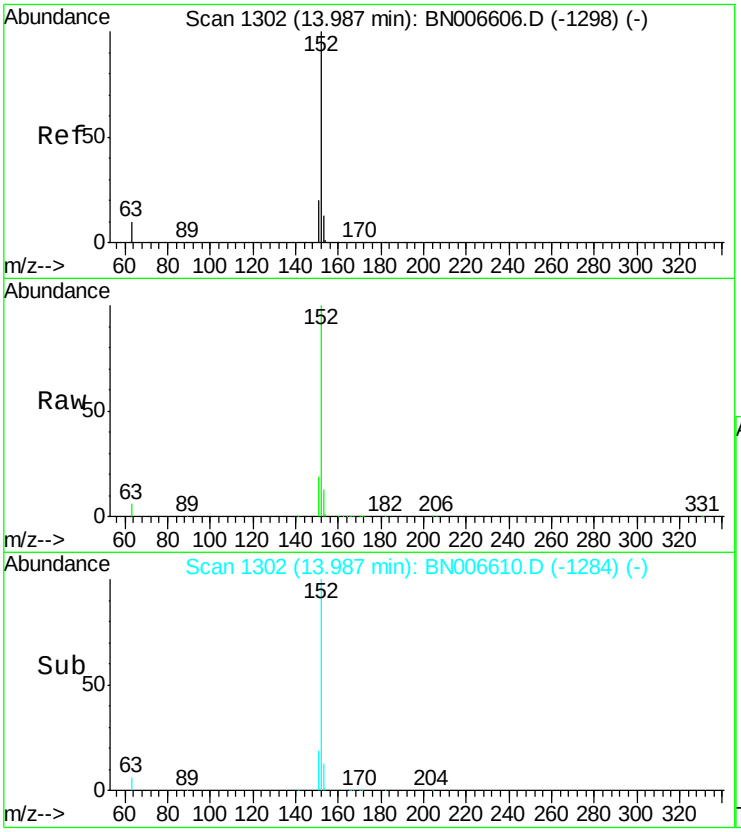


#15
2-Fluorobiphenyl
Concen: 5.041 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:172 Resp: 299785

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.0	40.4
170	22.4	17.7	26.5



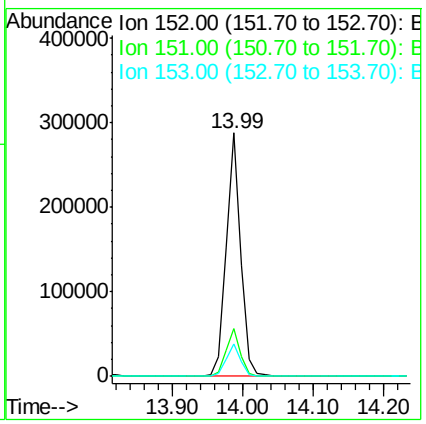


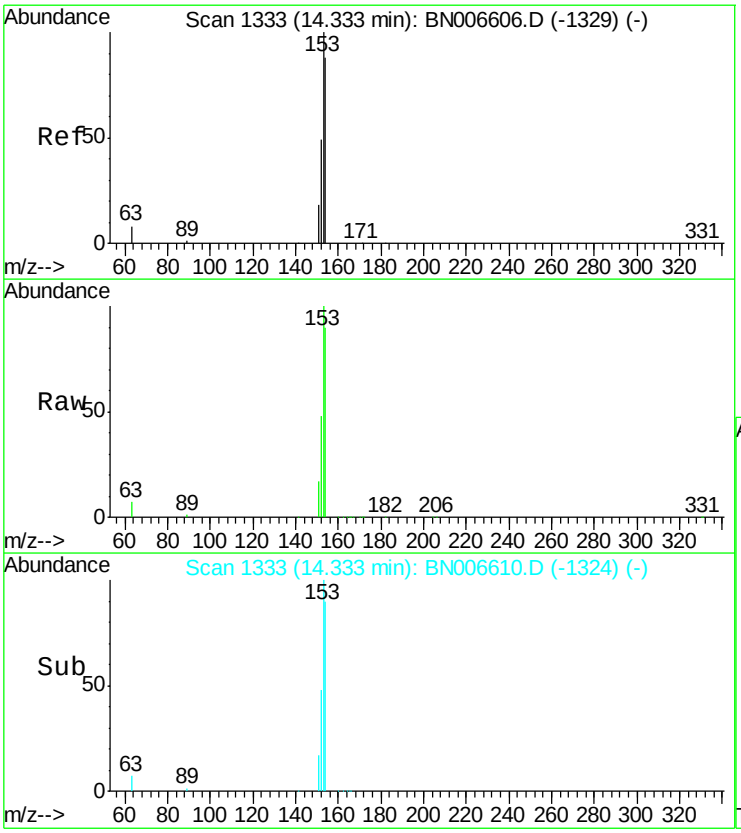
#16
Acenaphthylene
Concen: 5.608 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 416976

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.5	15.7

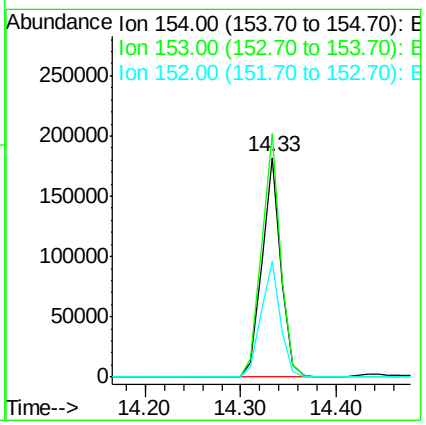


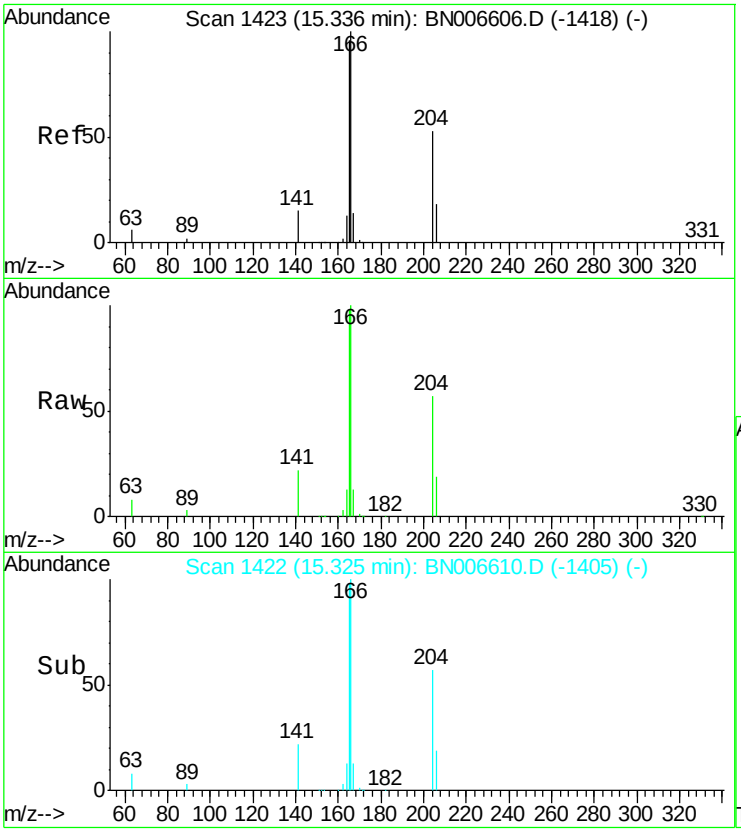


#17
Acenaphthene
Concen: 5.337 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:154 Resp: 251993

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.2	135.4
152	53.9	44.2	66.4



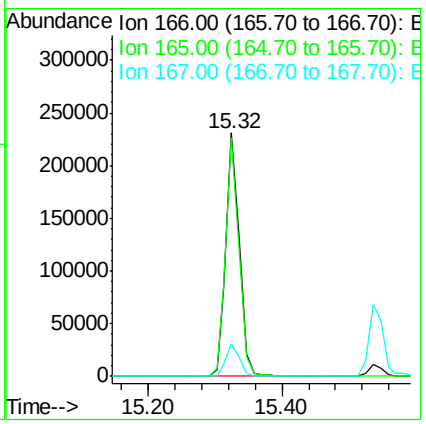


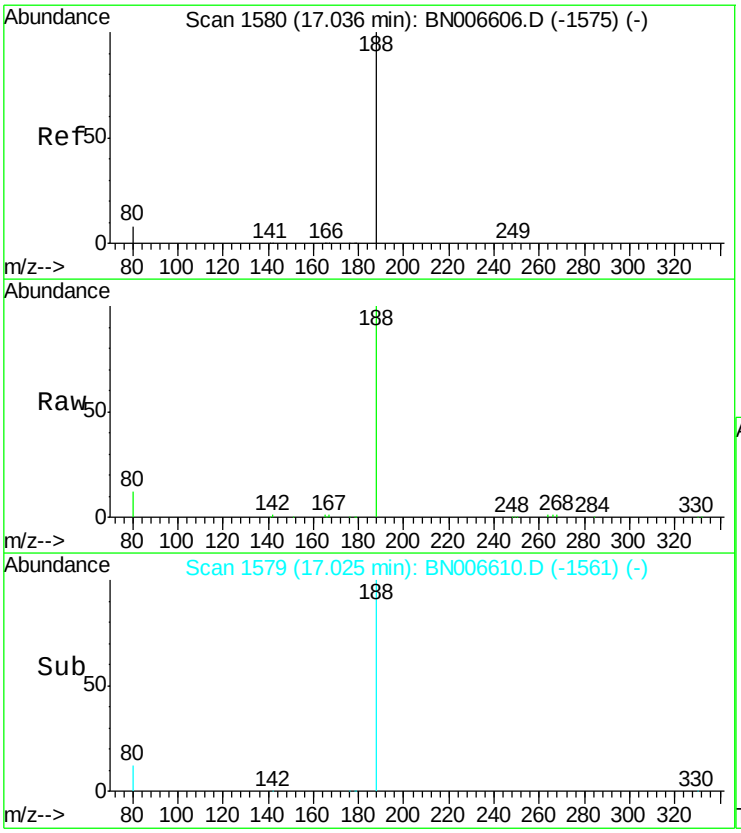
#18
Fluorene
Concen: 5.110 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:166 Resp: 323772

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	13.4	10.8	16.2

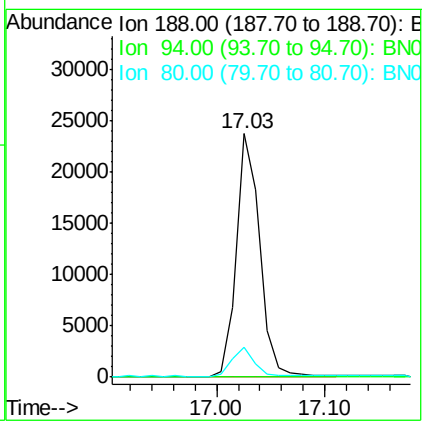


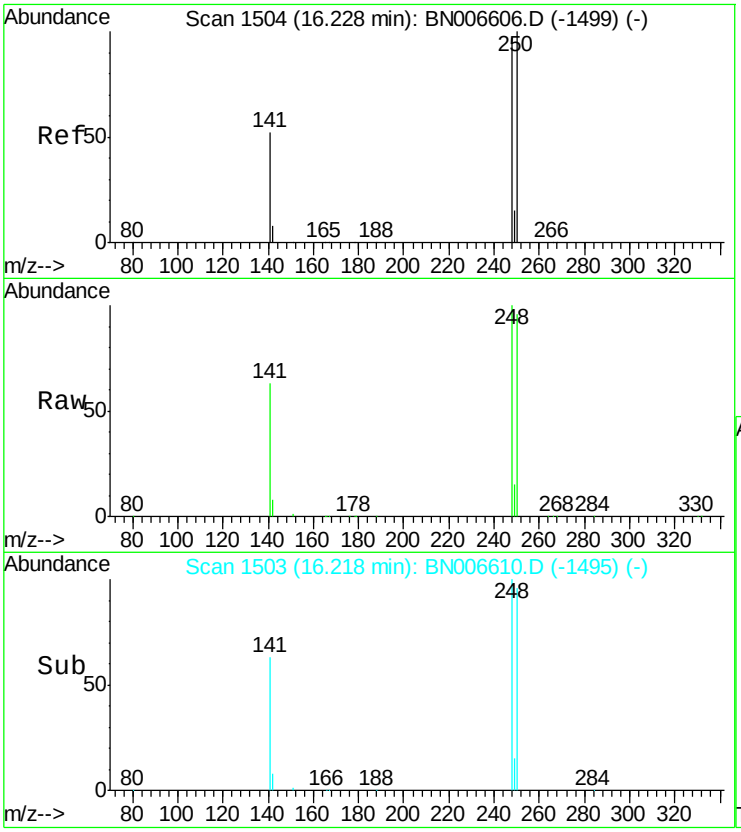


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:188 Resp: 35323

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



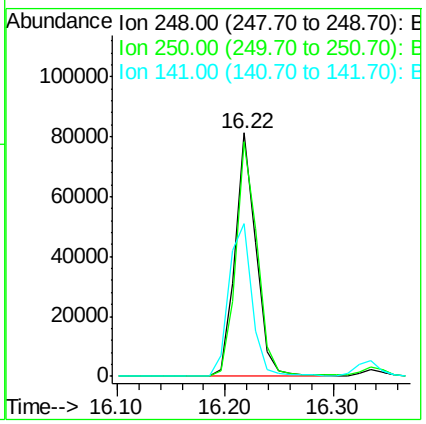


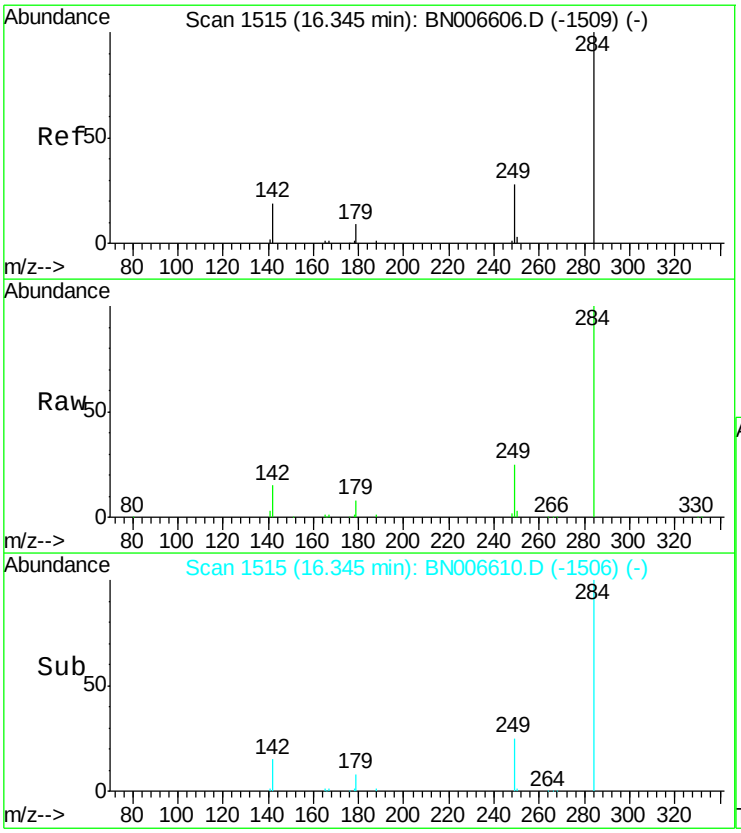
#20
4-Bromophenyl-phenylether
Concen: 5.422 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 109652

Ion	Ratio	Lower	Upper
248	100		
250	96.4	82.2	123.4
141	62.8	43.8	65.8

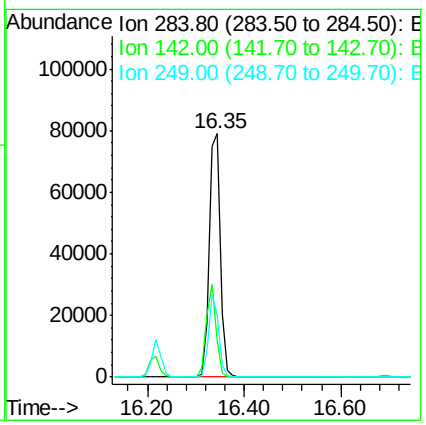


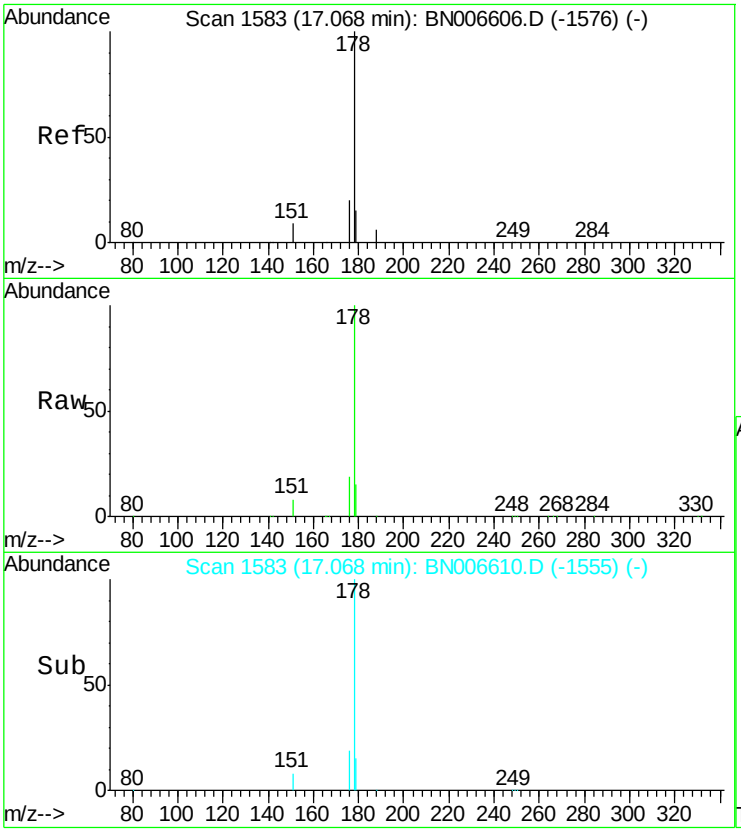


#21
Hexachlorobenzene
Concen: 5.593 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:284 Resp: 124882

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.5	41.3
249	30.8	24.7	37.1



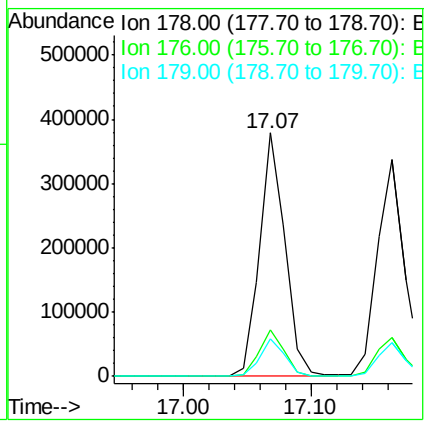


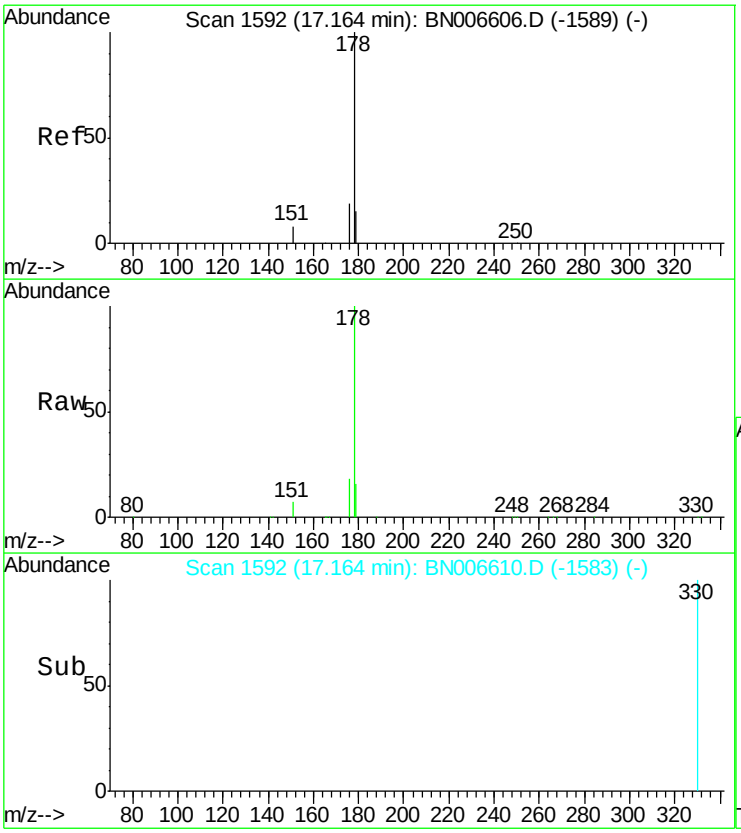
#23
Phenanthrene
Concen: 5.342 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 528061

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

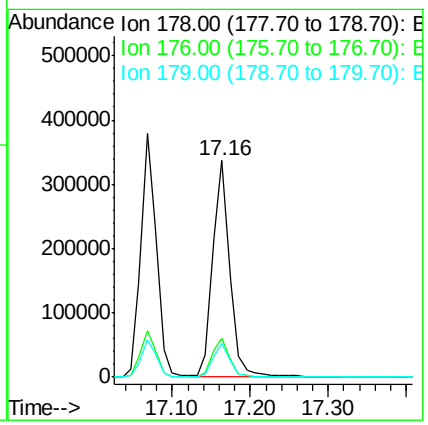


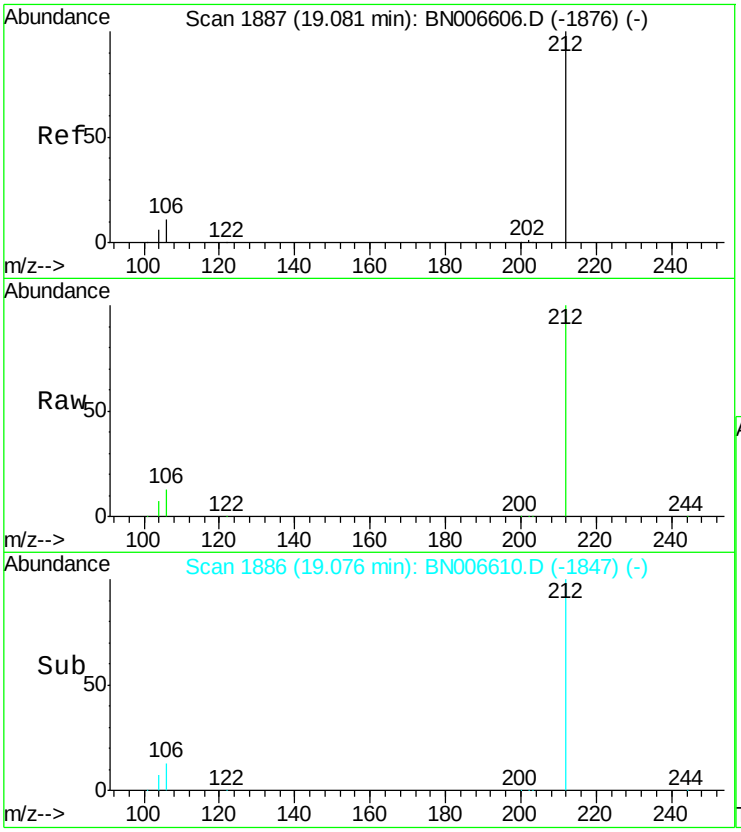


#24
Anthracene
Concen: 5.745 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:178 Resp: 505917

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.2	18.2



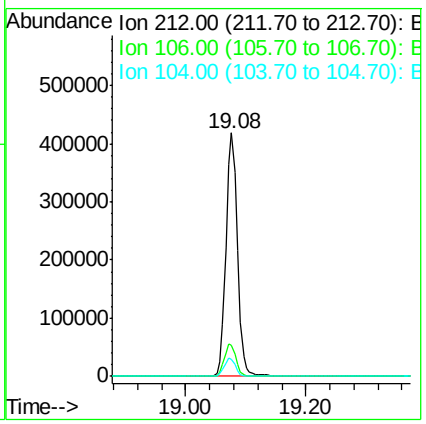


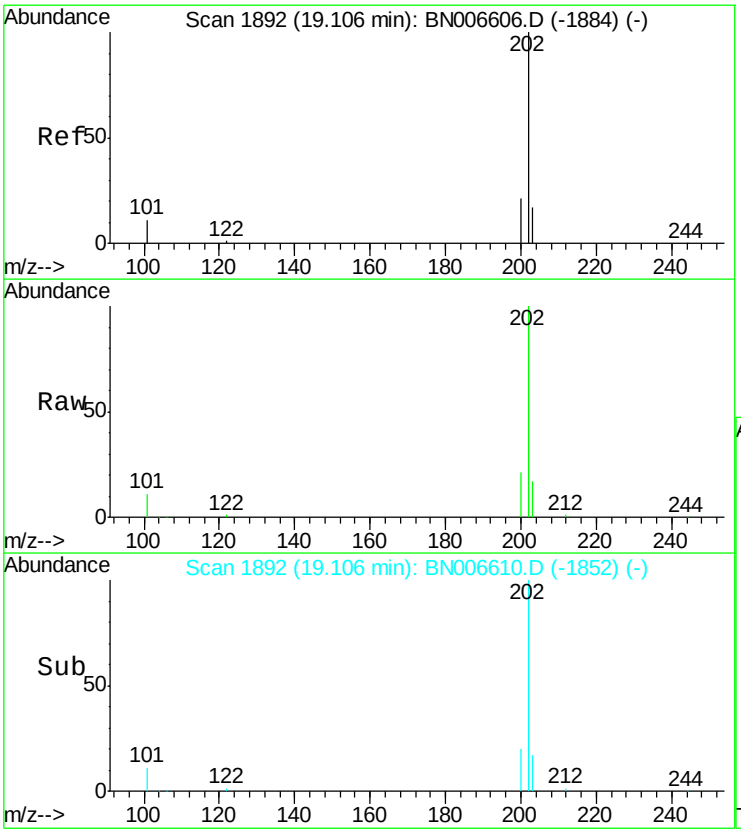
#25
Fluoranthene-d10
Concen: 5.531 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 557887

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	15.8
104	7.4	5.8	8.6

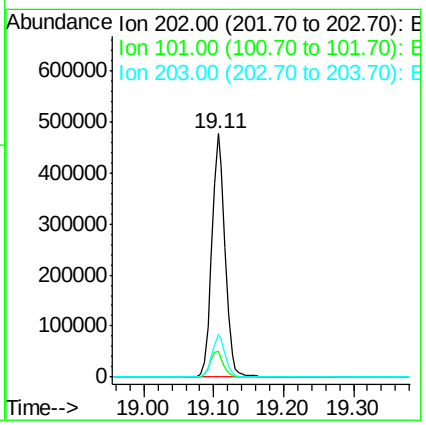


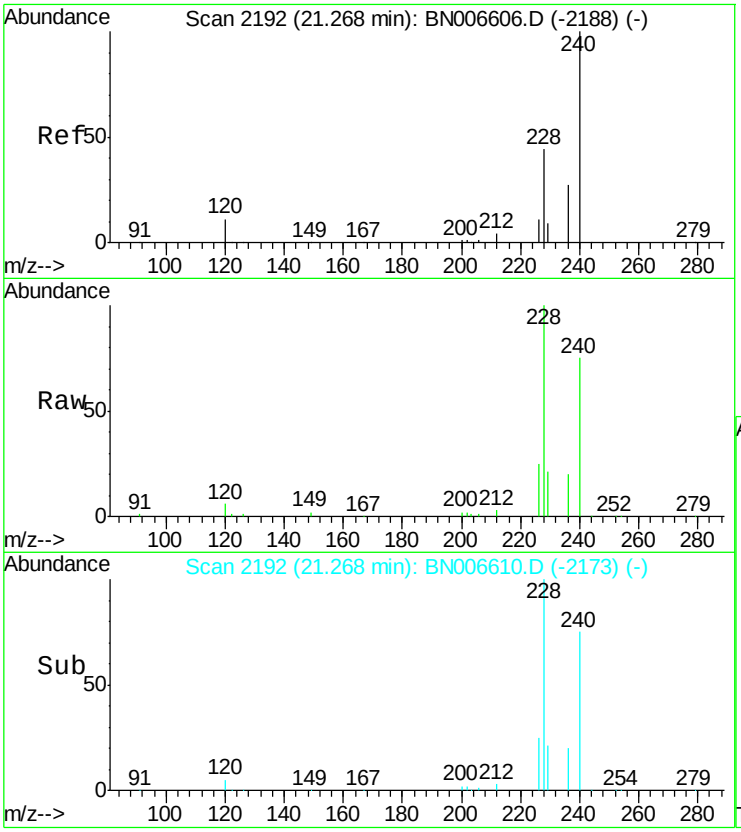


#26
Fluoranthene
Concen: 5.150 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:202 Resp: 623674

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	17.4	13.6	20.4



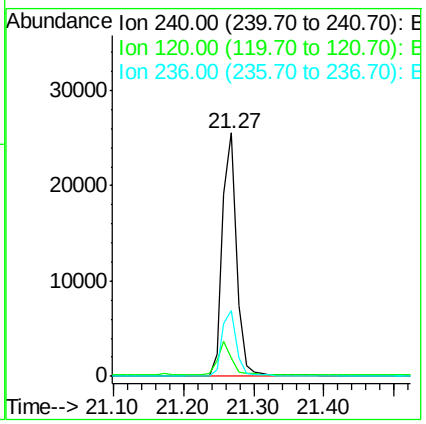


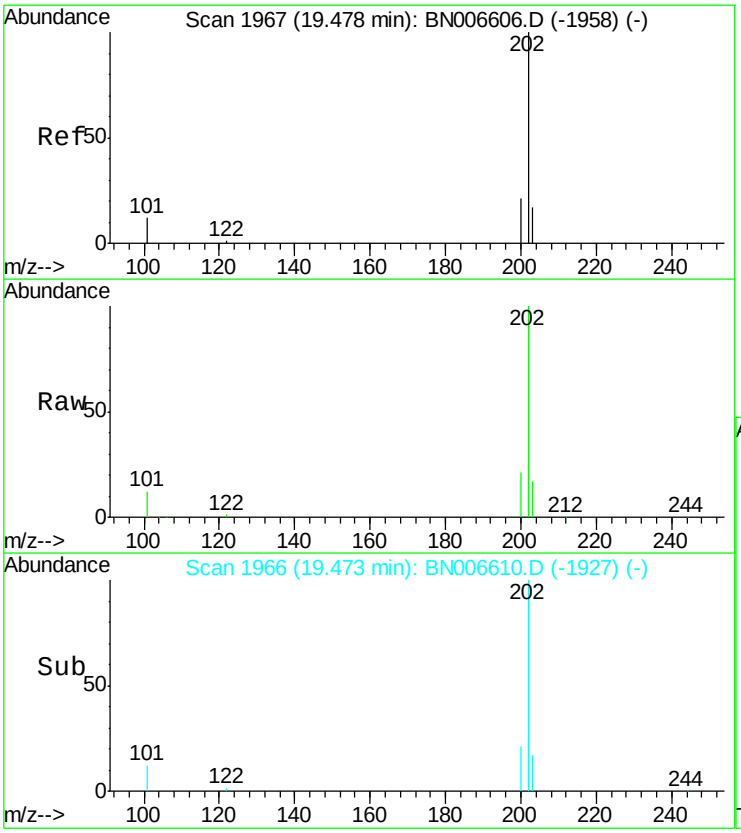
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 35937

Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.9	14.9#
236	26.9	22.2	33.4

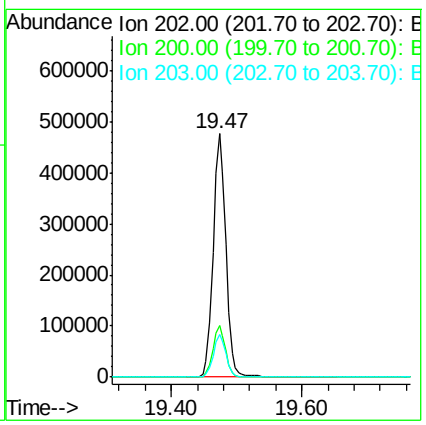


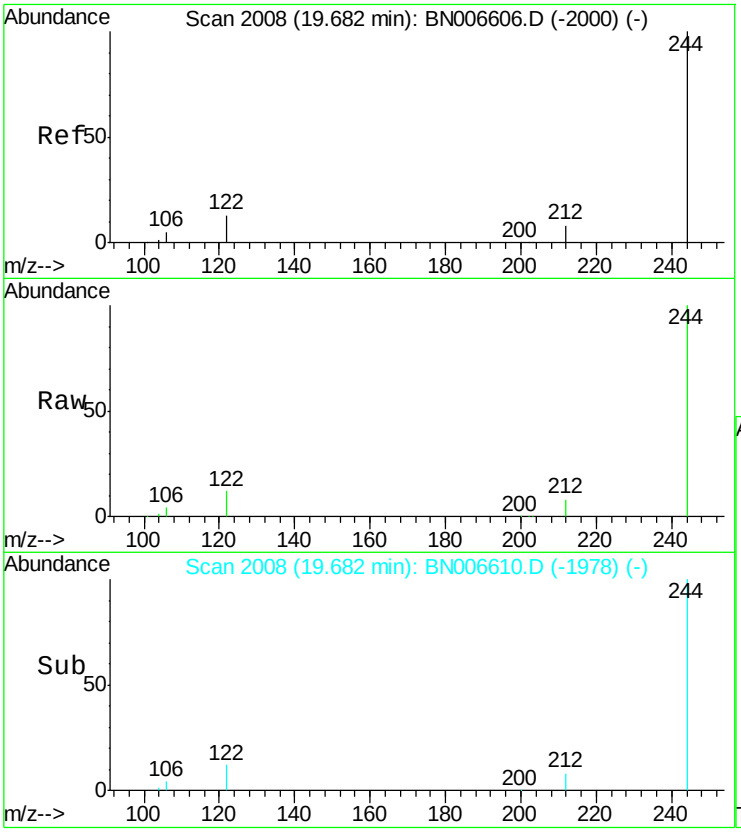


#28
Pyrene
Concen: 6.299 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:202 Resp: 642988

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.5	14.1	21.1



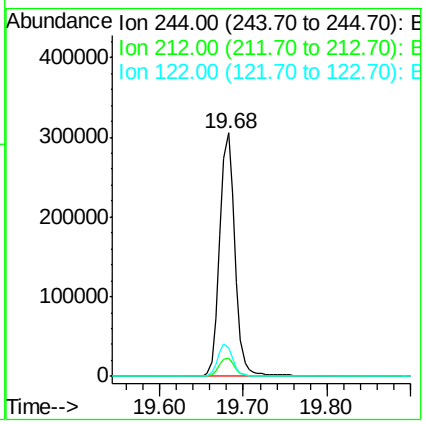


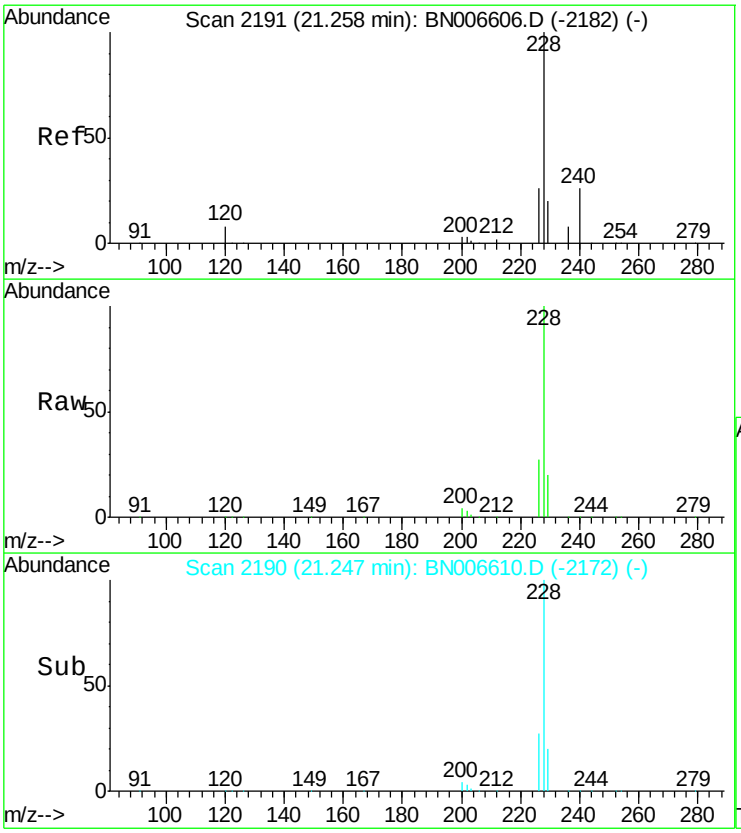
#29
Terphenyl-d14
Concen: 5.266 ng
RT: 19.68 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 388906

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.7	10.1
122	11.8	11.0	16.6

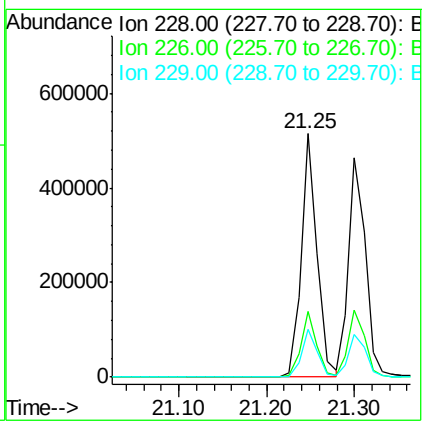


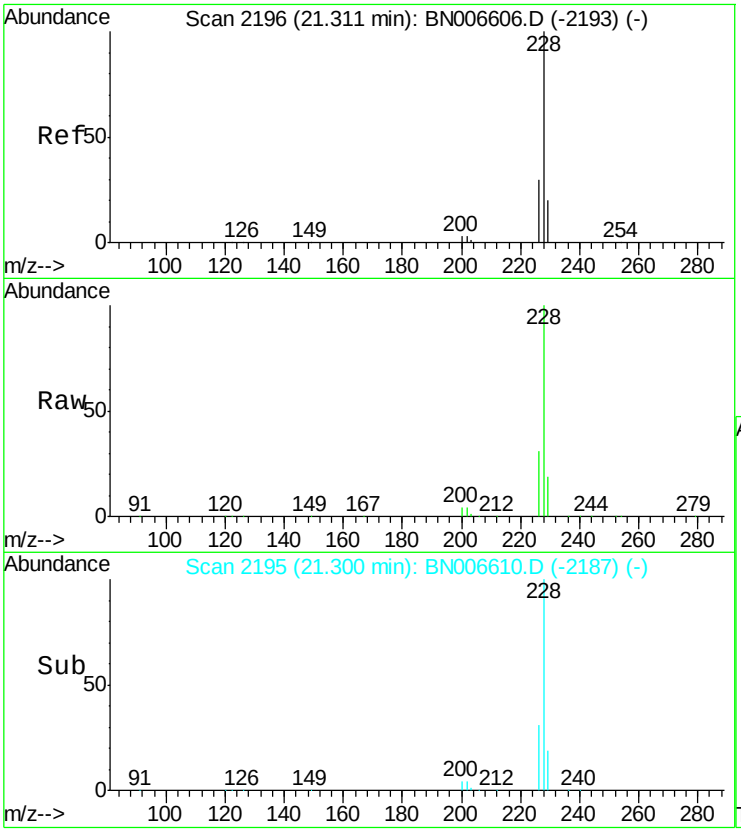


#30
Benzo(a)anthracene
Concen: 6.305 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:228 Resp: 638958

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	19.8	16.1	24.1



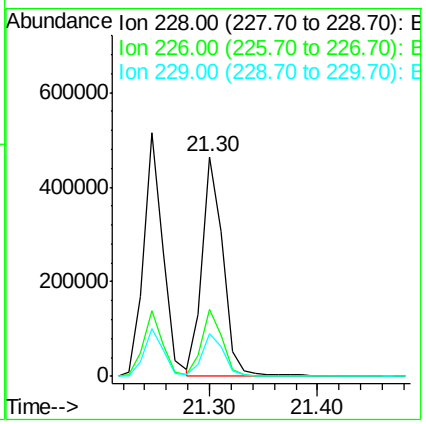


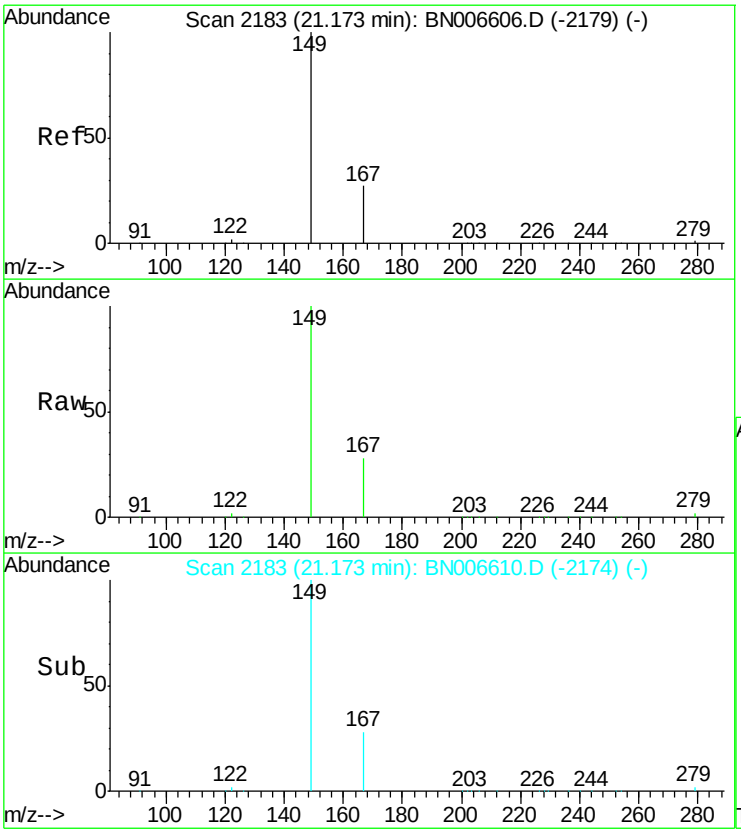
#31
Chrysene
Concen: 5.658 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 618115

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	19.3	15.9	23.9

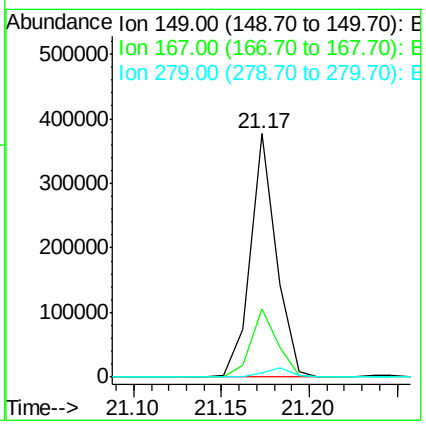


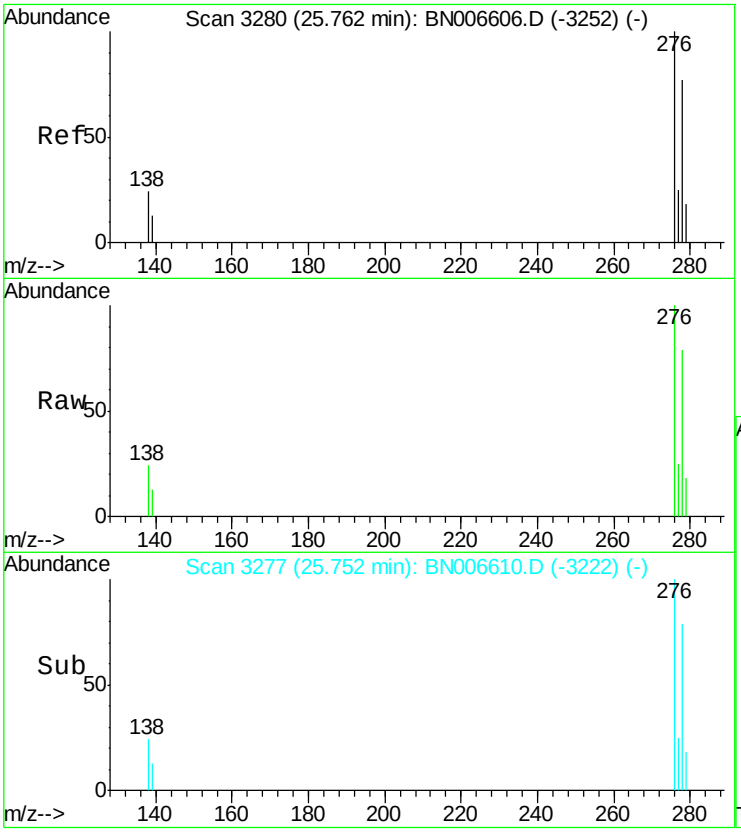


#32
Bis(2-ethylhexyl)phthalate
Concen: 9.060 ng
RT: 21.17 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:149 Resp: 384462

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	3.9	3.3	4.9



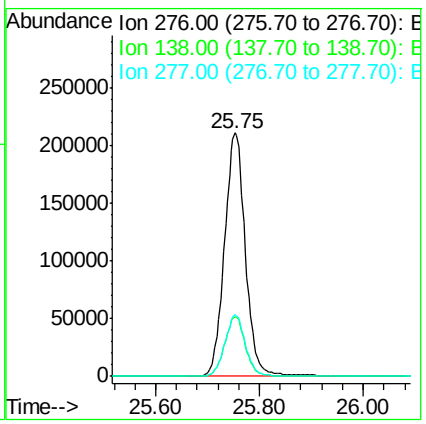


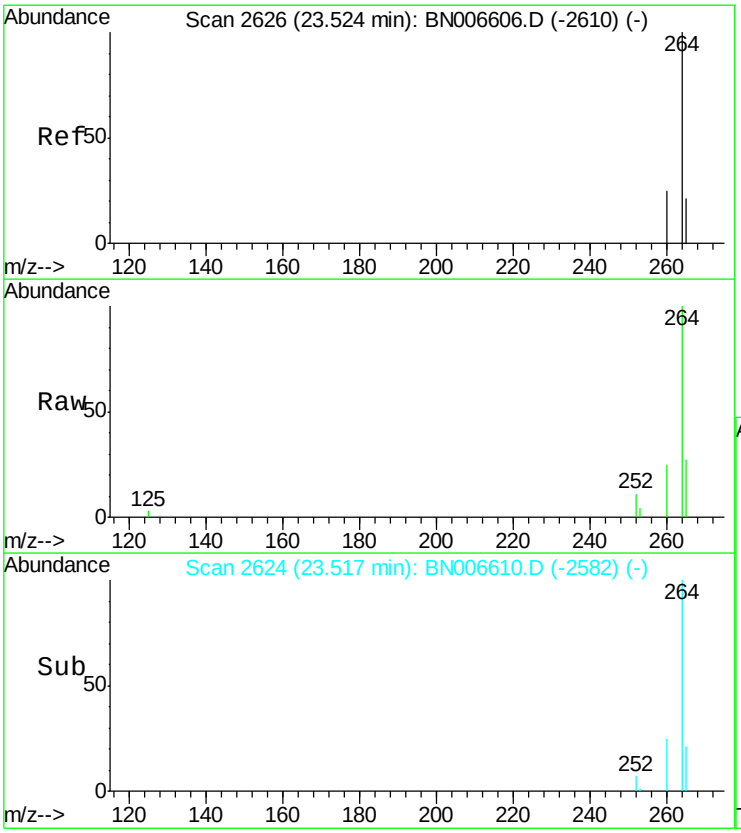
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.788 ng
RT: 25.75 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 588061

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.3	28.9
277	25.0	19.9	29.9

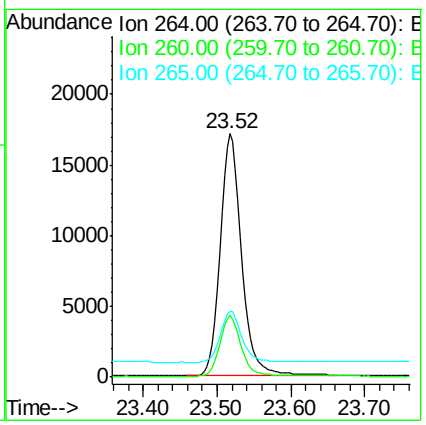


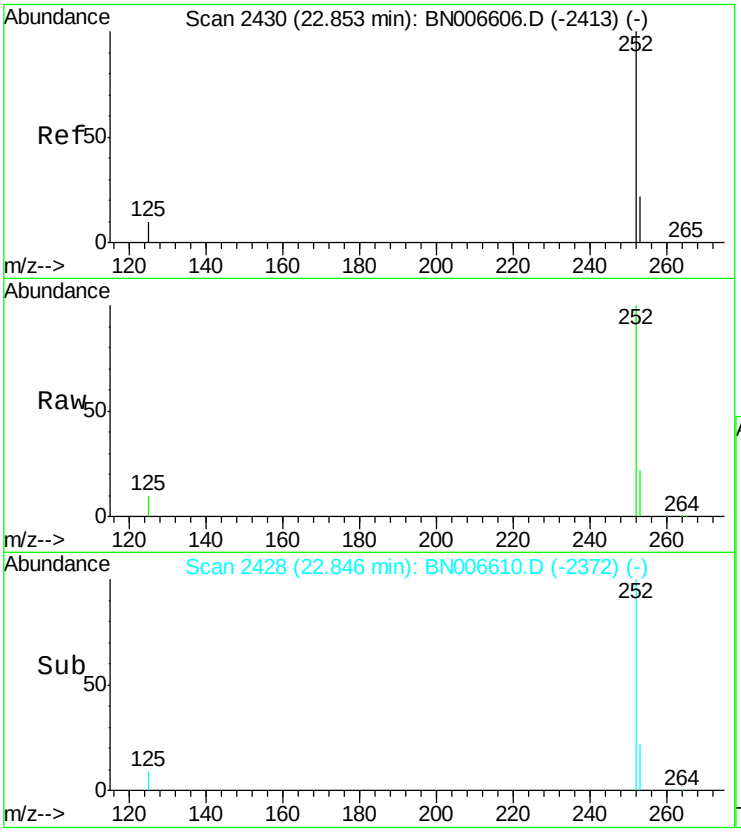


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:264 Resp: 34161

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	27.1	23.3	34.9



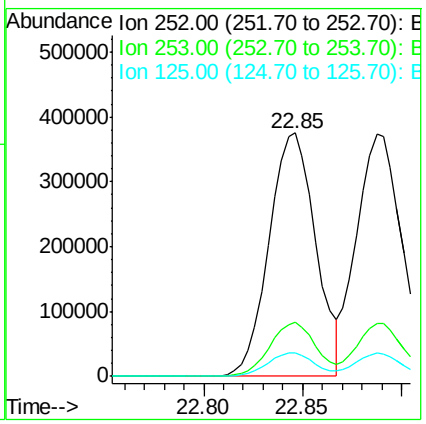


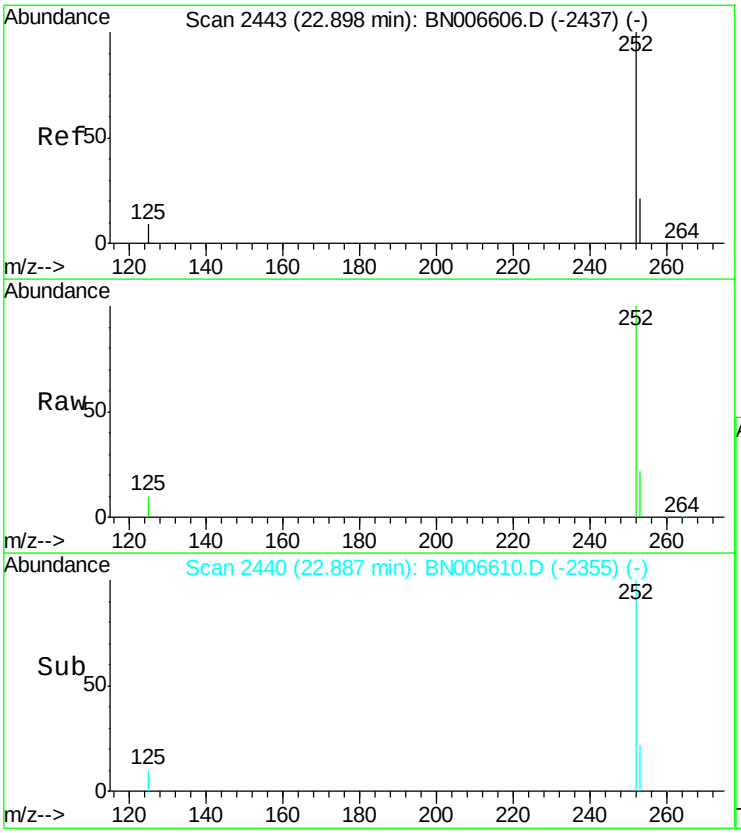
#35
Benzo(b)fluoranthene
Concen: 5.594 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 612650

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	9.6	8.7	13.1

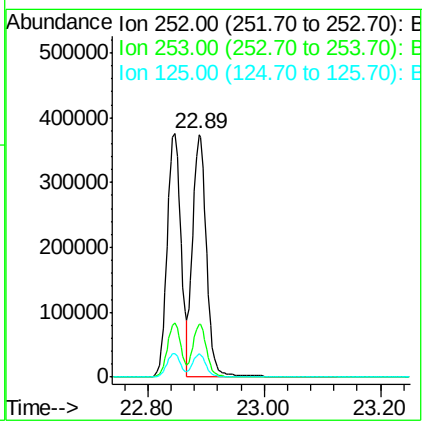


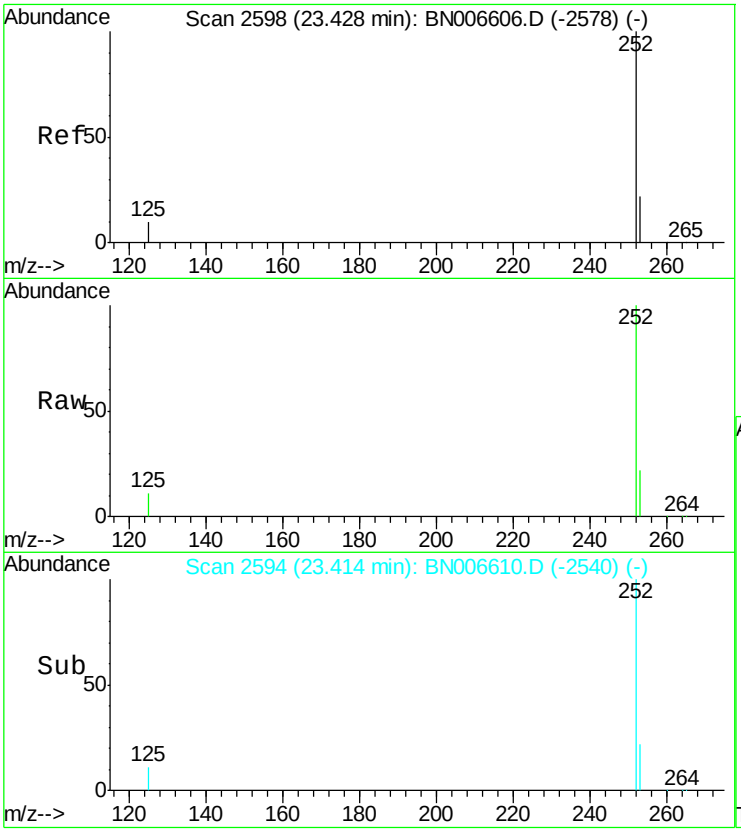


#36
Benzo(k)fluoranthene
Concen: 5.819 ng
RT: 22.89 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:252 Resp: 615911

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	9.6	8.4	12.6



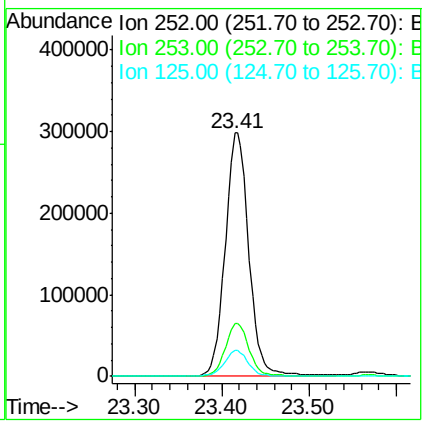


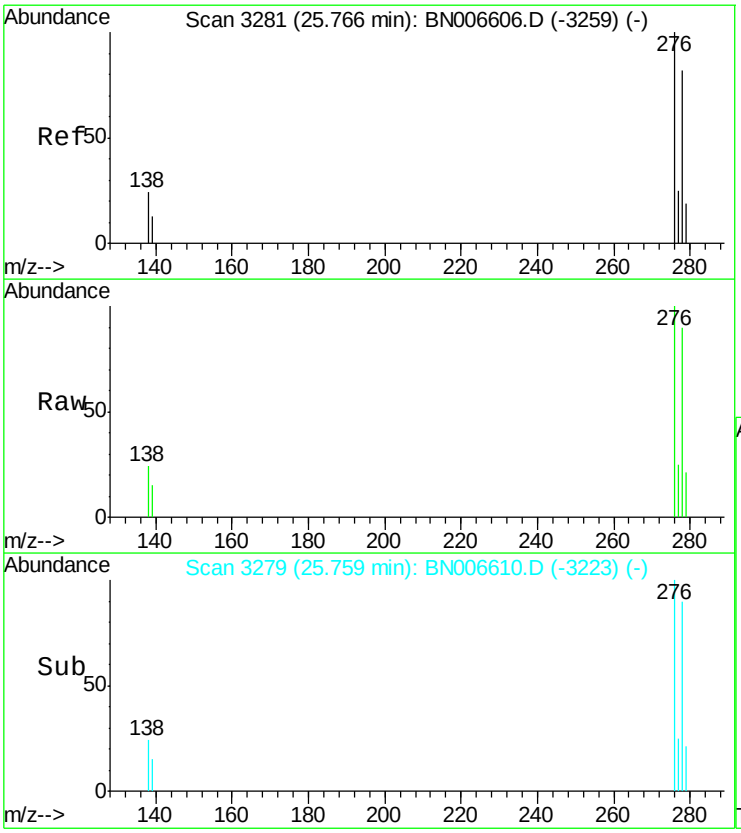
#37
Benzo(a)pyrene
Concen: 5.729 ng
RT: 23.41 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 557889

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.8	28.2
125	10.7	9.4	14.2

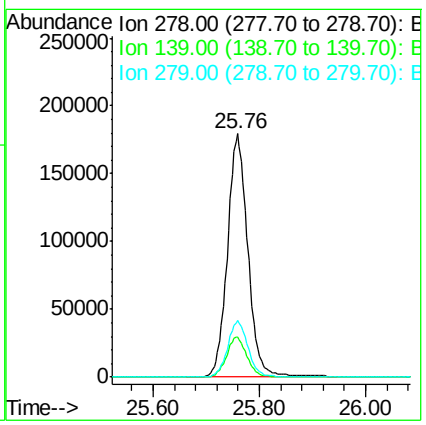


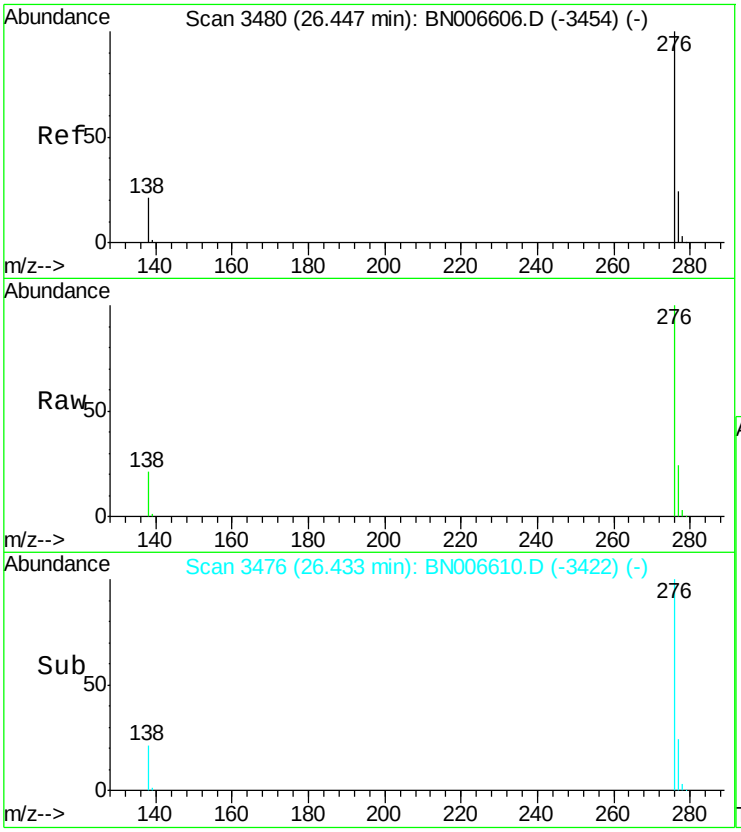


#38
Dibenzo(a,h)anthracene
Concen: 4.900 ng
RT: 25.76 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Tgt Ion:278 Resp: 477462

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	23.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 4.789 ng
RT: 26.43 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BN006610.D
Acq: 28 Jun 2019 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 469850

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	21.3	17.7	26.5