Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006640.D
Acq On : 29 Jun 2019 07:23
Operator : HP/JU
Sample : PB120801BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB120801BS

Quant Time: Jul 01 08:14:45 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	3648	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	14646	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	9008	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	21609	0.40	ng		0.00
27) Chrysene-d12	21.26	240	20387	0.40	ng		-0.01
34) Perylene-d12	23.50	264	19141	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3723	0.42	ng		0.00
5) Phenol-d6	6.84	99	5095	0.43	ng		0.00
8) Nitrobenzene-d5	8.79	82	4147	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.01	152	13300	0.58	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1451	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	15651	0.47	ng		0.00
25) Fluoranthene-d10	19.08	212	27092	0.43	ng		0.00
29) Terphenyl-d14	19.68	244	21294	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	1340	0.265	ng	#	48
3) n-Nitrosodimethylamine	3.50	42	1292	0.326	ng	#	97
6) bis(2-Chloroethyl)ether	7.06	93	3466	0.328	ng		94
9) Naphthalene	10.45	128	15201	0.395	ng		99
10) Hexachlorobutadiene	10.73	225	2885	0.365	ng	#	99
12) 2-Methylnaphthalene	12.08	142	10454	0.393	ng		100
16) Acenaphthylene	13.99	152	16171	0.377	ng		99
17) Acenaphthene	14.33	154	10957	0.387	ng		100
18) Fluorene	15.34	166	14100	0.395	ng		100
20) 4-Bromophenyl-phenylether	16.23	248	4356	0.364	ng		98
21) Hexachlorobenzene	16.34	284	5576	0.369	ng		100
22) Pentachlorophenol	16.74	266	897	0.452	ng		99
23) Phenanthrene	17.08	178	23677	0.385	ng		100
24) Anthracene	17.17	178	19865	0.373	ng		100
26) Fluoranthene	19.11	202	29614	0.397	ng		100
28) Pyrene	19.48	202	30487	0.427	ng		99
30) Benzo(a)anthracene	21.24	228	26606	0.399	ng		97
31) Chrysene	21.29	228	29317	0.408	ng		98
32) Bis(2-ethylhexyl)phthalate	21.16	149	12216	0.364	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	26042	0.358	ng		99
35) Benzo(b)fluoranthene	22.83	252	26052	0.400	ng		98
36) Benzo(k)fluoranthene	22.87	252	30058	0.433	ng		98
37) Benzo(a)pyrene	23.40	252	25137	0.413	ng		98
38) Dibenzo(a,h)anthracene	25.73	278	21148	0.398	ng		98
39) Benzo(g,h,i)perylene	26.42	276	22075	0.416	ng		100

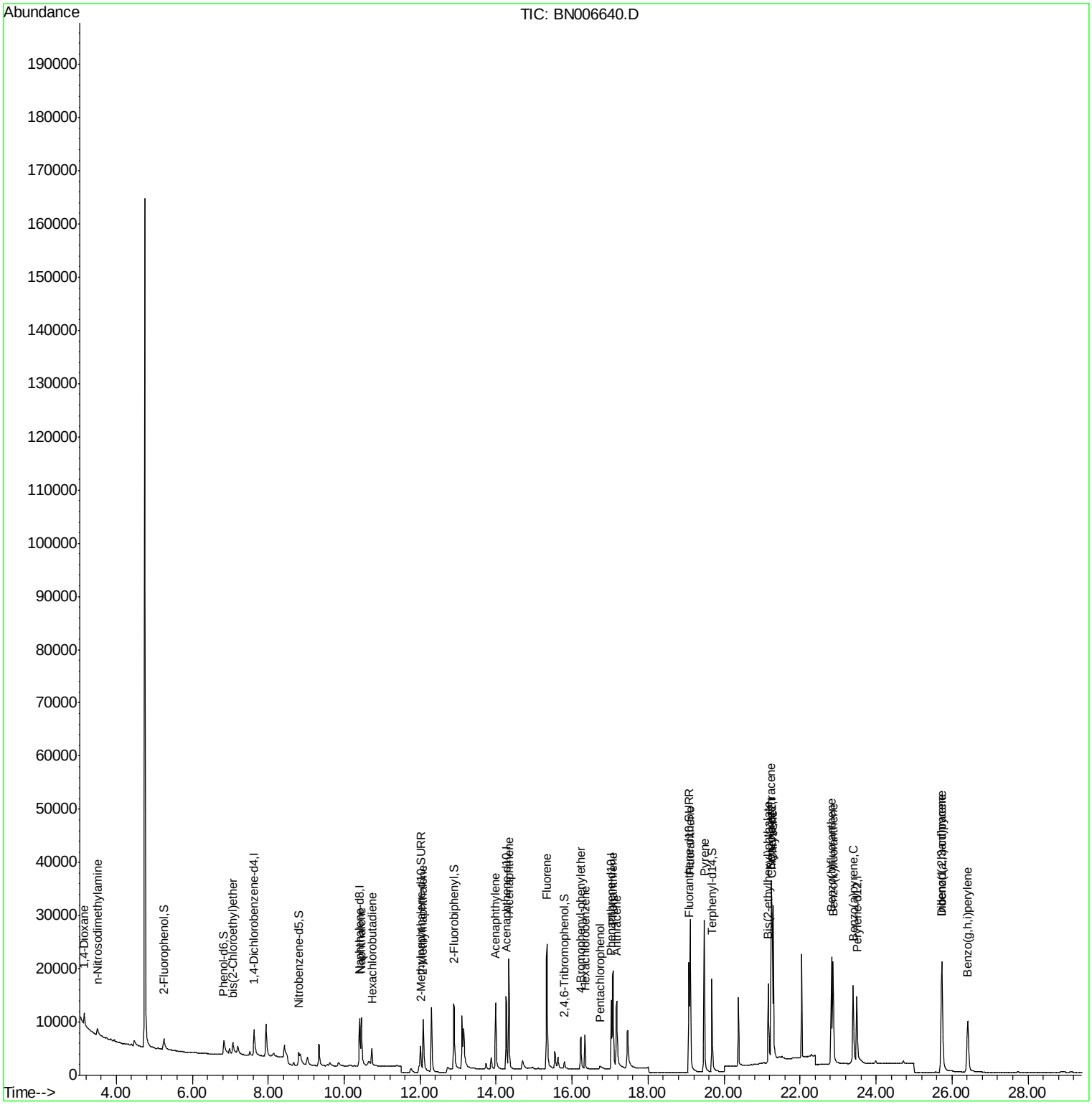
(#) = qualifier out of range (m) = manual integration (+) = signals summed

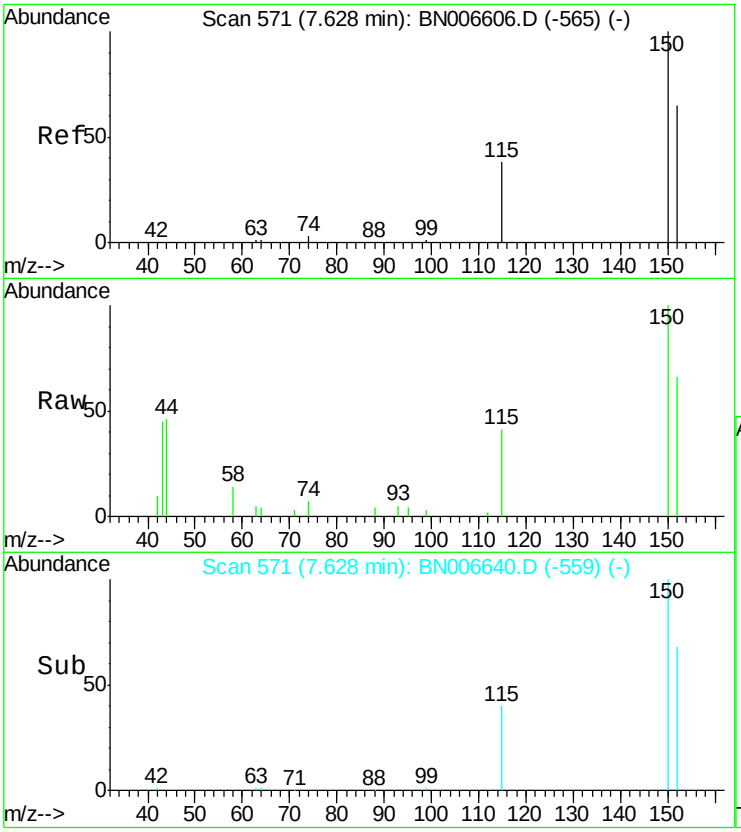
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006640.D
Acq On : 29 Jun 2019 07:23
Operator : HP/JU
Sample : PB120801BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Quant Time: Jul 01 08:14:45 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



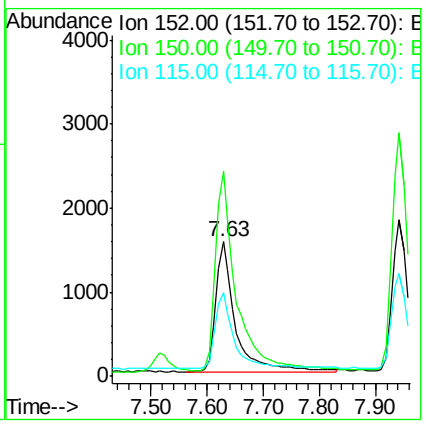


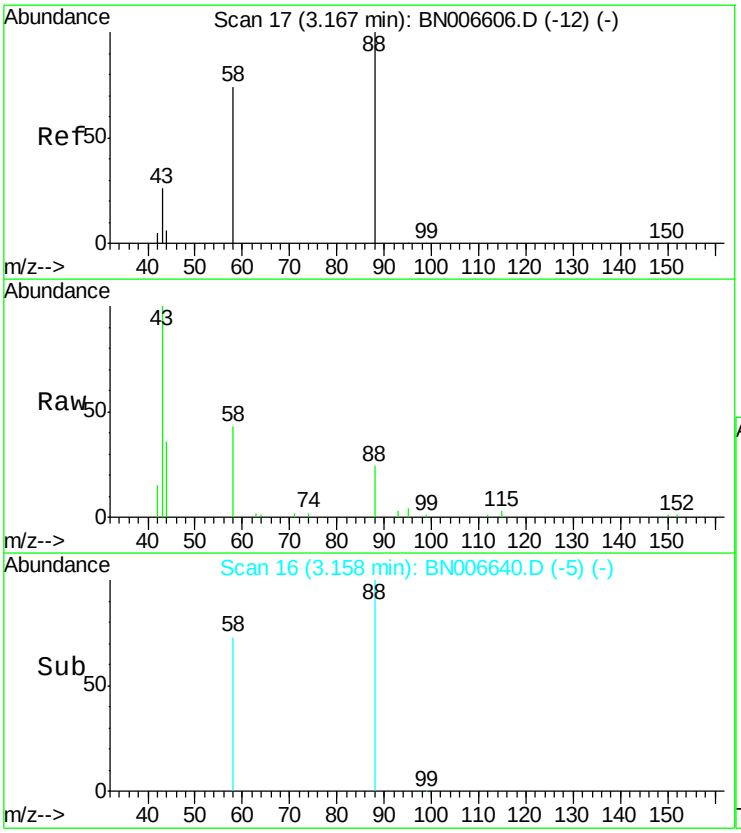
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:152 Resp: 3648

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.2	183.2
115	62.1	50.0	75.0

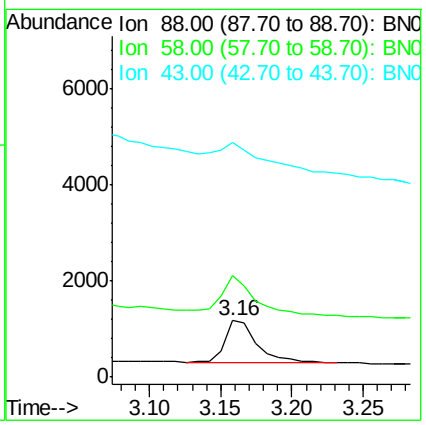


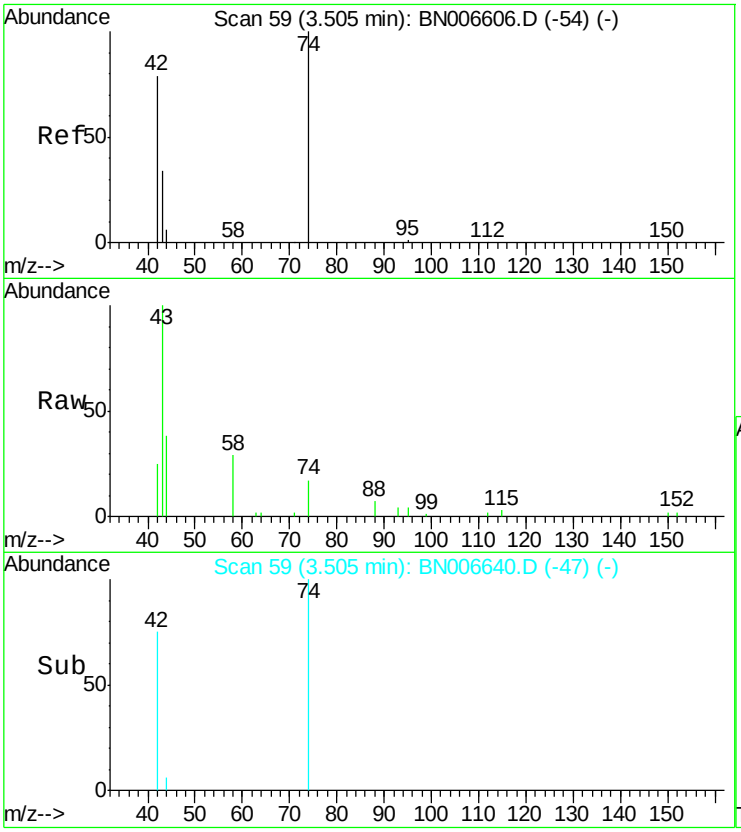


#2
1,4-Dioxane
Concen: 0.265 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion: 88 Resp: 1340

Ion	Ratio	Lower	Upper
88	100		
58	96.9	62.5	93.7#
43	101.3	25.4	38.0#



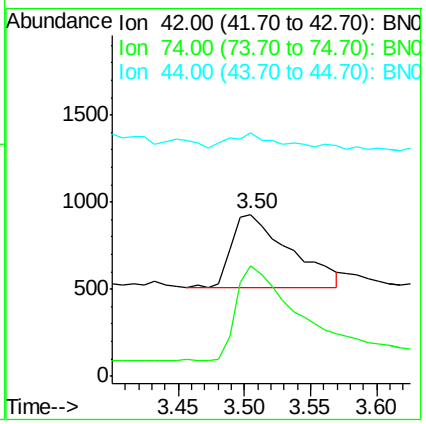


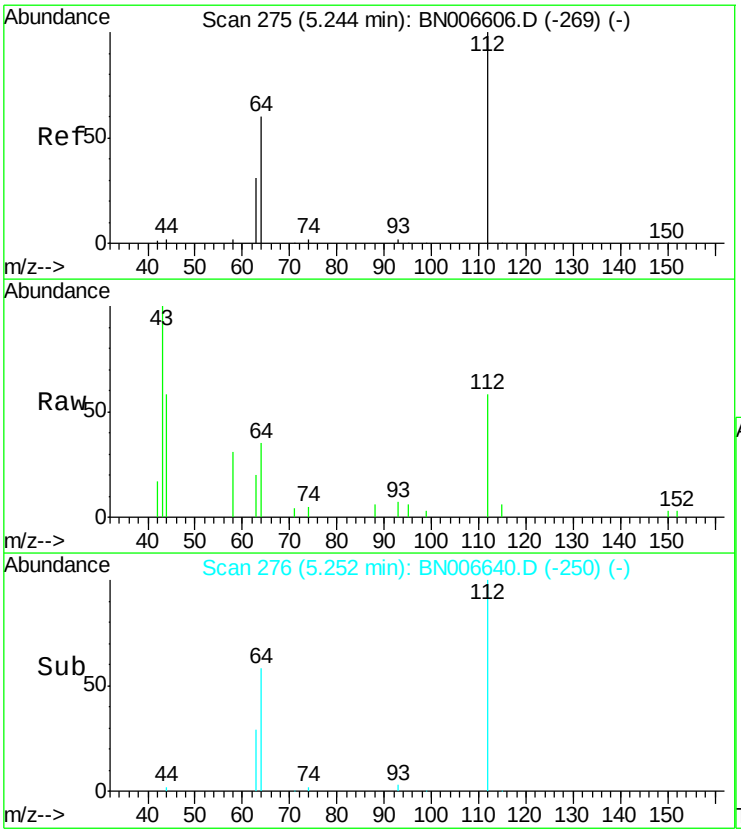
#3
n-Nitrosodimethylamine
Concen: 0.326 ng
RT: 3.50 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion: 42 Resp: 1292

Ion	Ratio	Lower	Upper
42	100		
74	130.4	103.1	154.7
44	17.6	3.4	5.2#

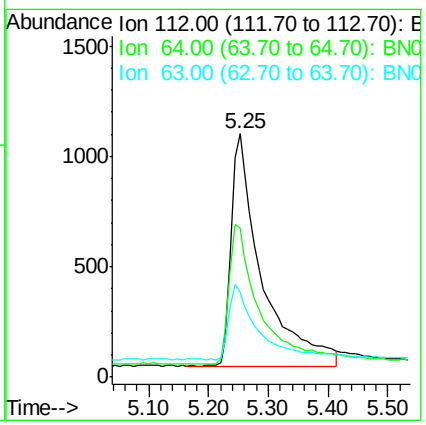


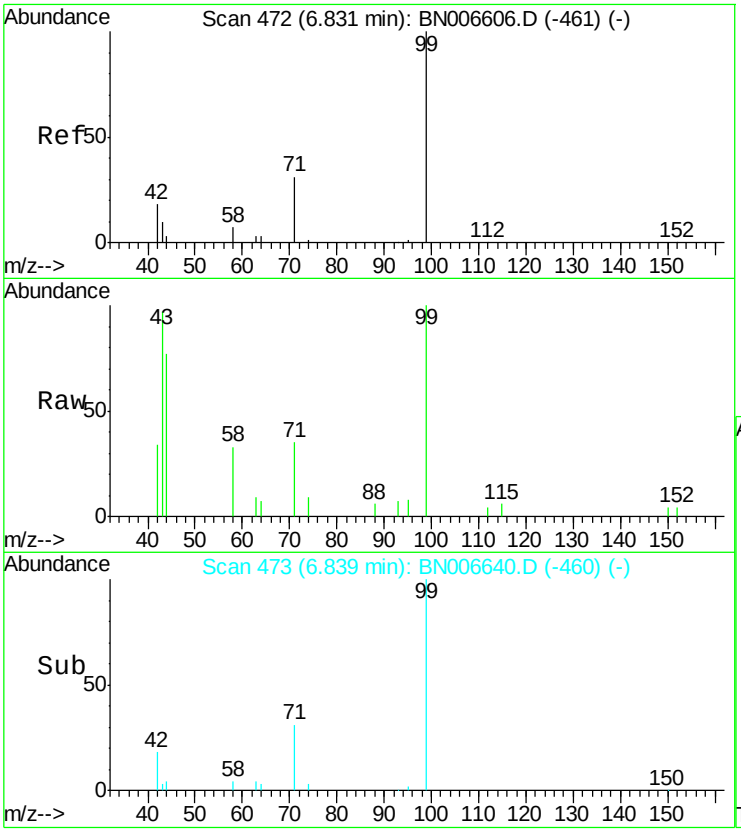


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:112 Resp: 3723

Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.9	73.3
63	32.6	24.3	36.5



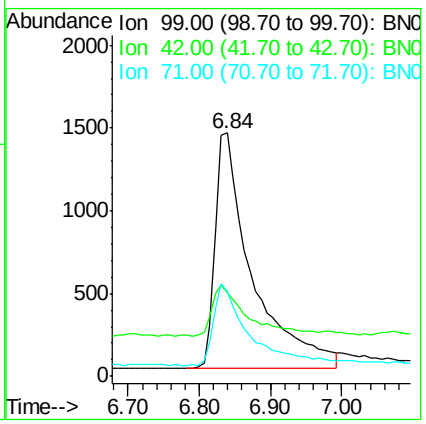


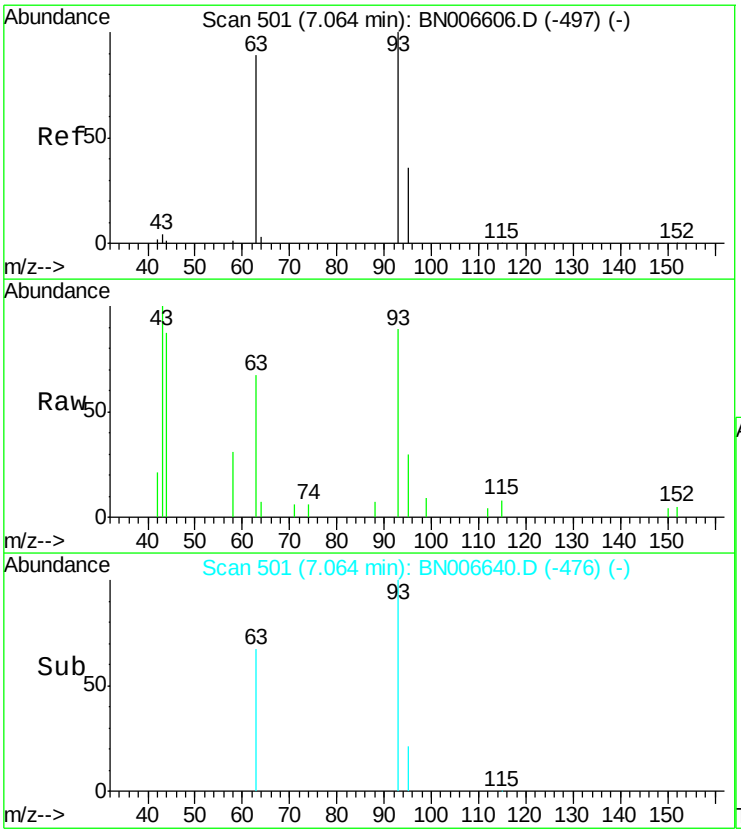
#5
Phenol-d6
Concen: 0.430 ng
RT: 6.84 min Scan# 473
Delta R.T. 0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion: 99 Resp: 5095

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.4	24.6
71	33.2	26.6	40.0

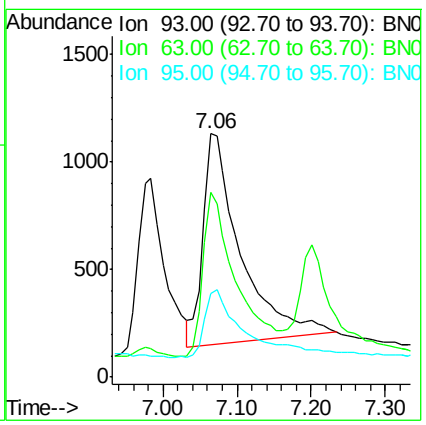


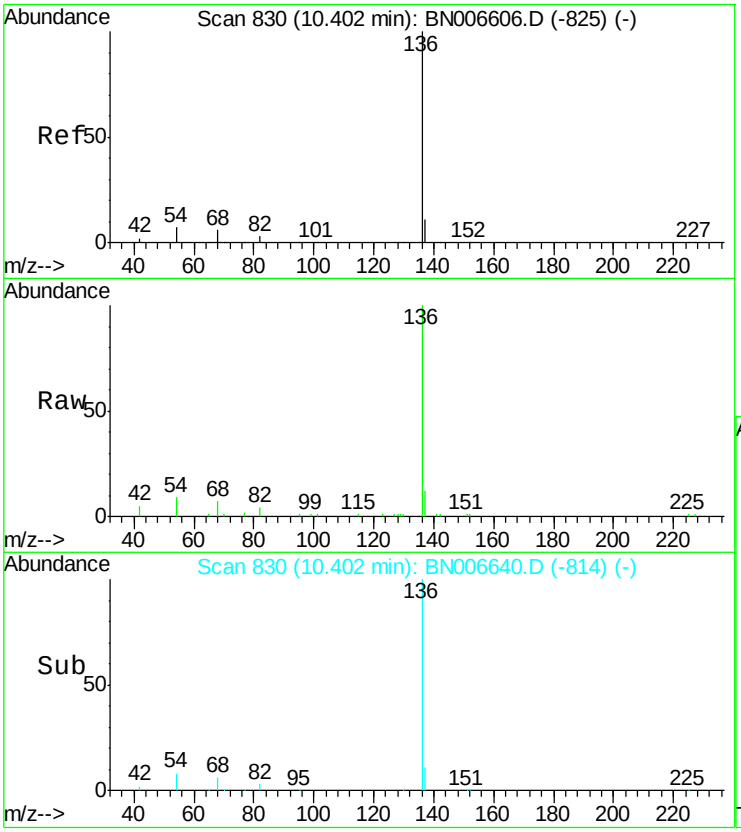


#6
bis(2-Chloroethyl)ether
Concen: 0.328 ng
RT: 7.06 min Scan# 501
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion: 93 Resp: 3466

Ion	Ratio	Lower	Upper
93	100		
63	70.6	52.5	78.7
95	33.8	24.2	36.4



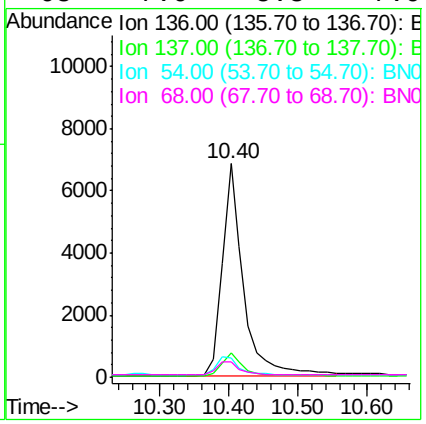


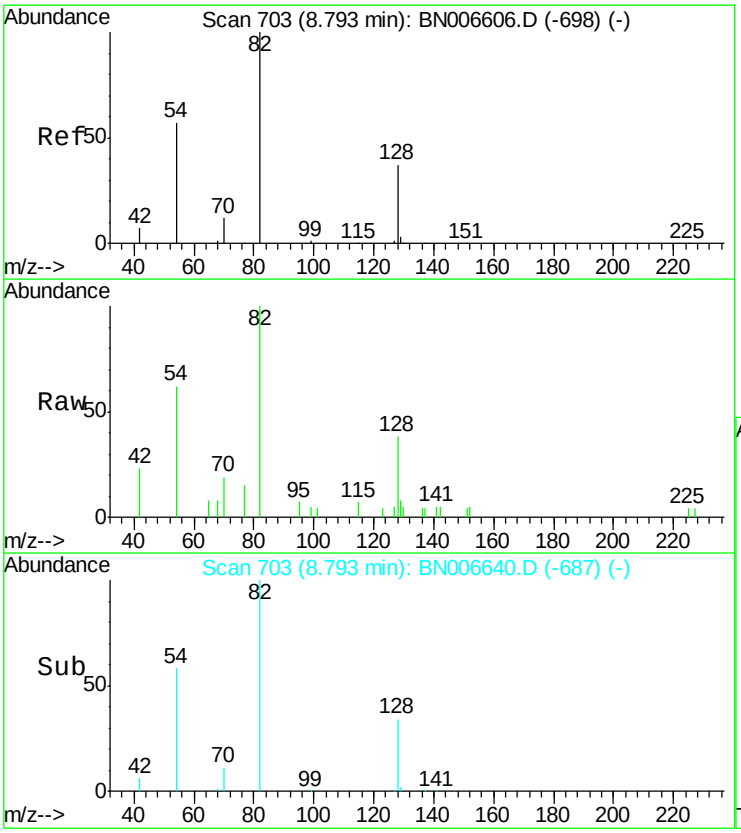
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:136 Resp: 14646

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	9.0	6.7	10.1
68	7.0	5.3	7.9

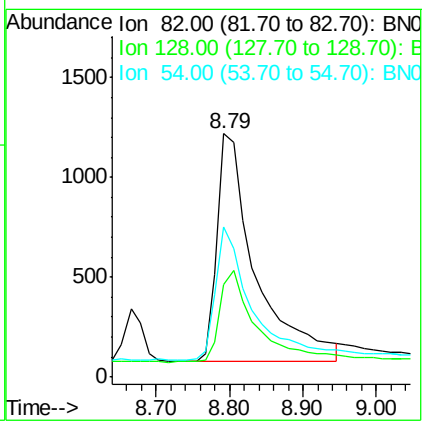


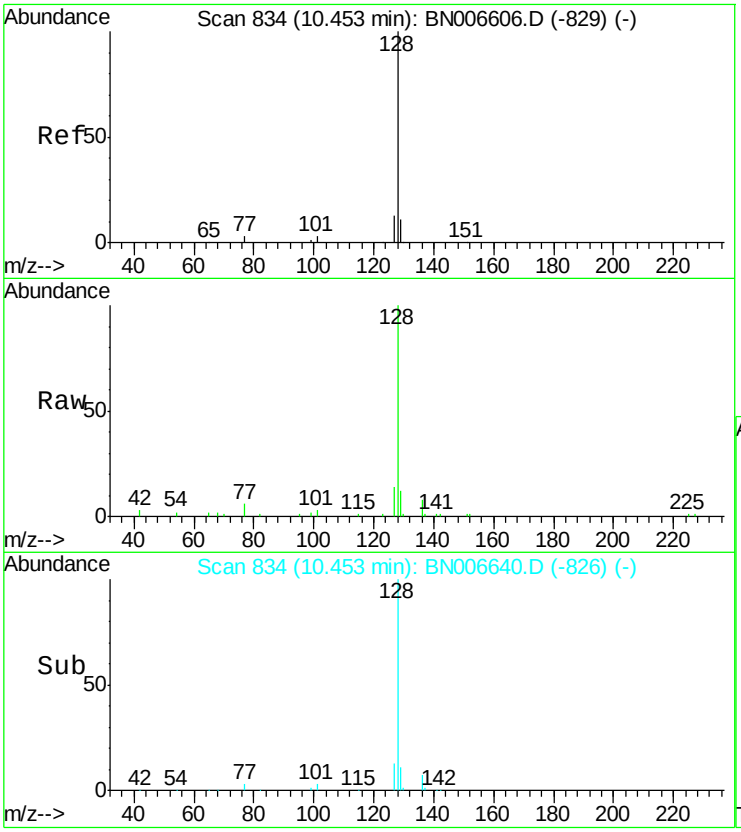


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion: 82 Resp: 4147

Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.6	49.0
54	61.5	48.2	72.4



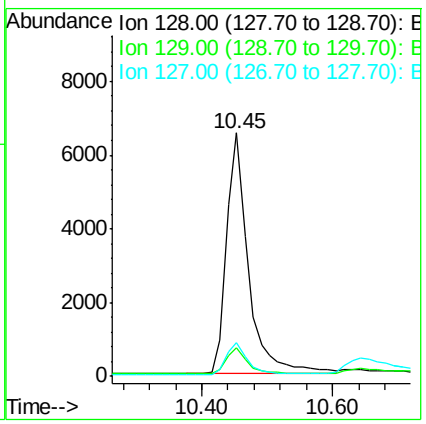


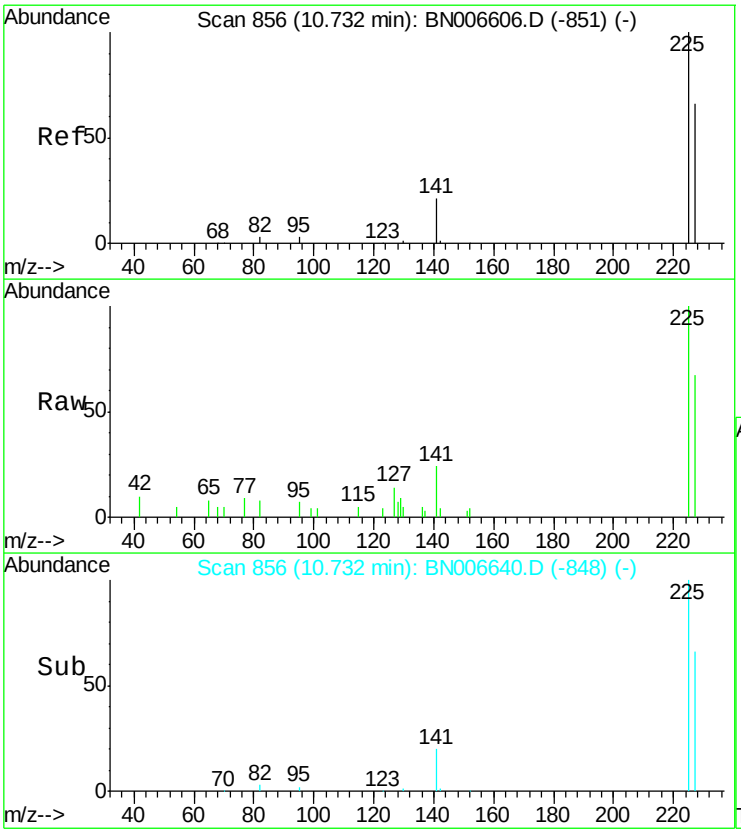
#9
Naphthalene
Concen: 0.395 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:128 Resp: 15201

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.7	10.8	16.2

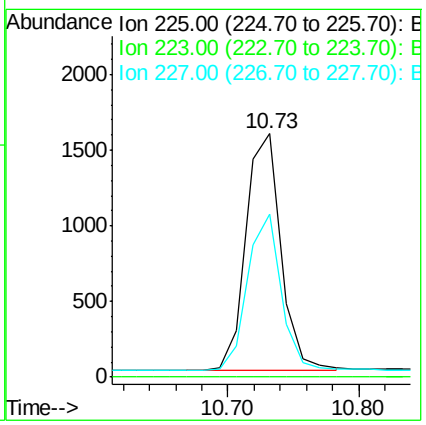


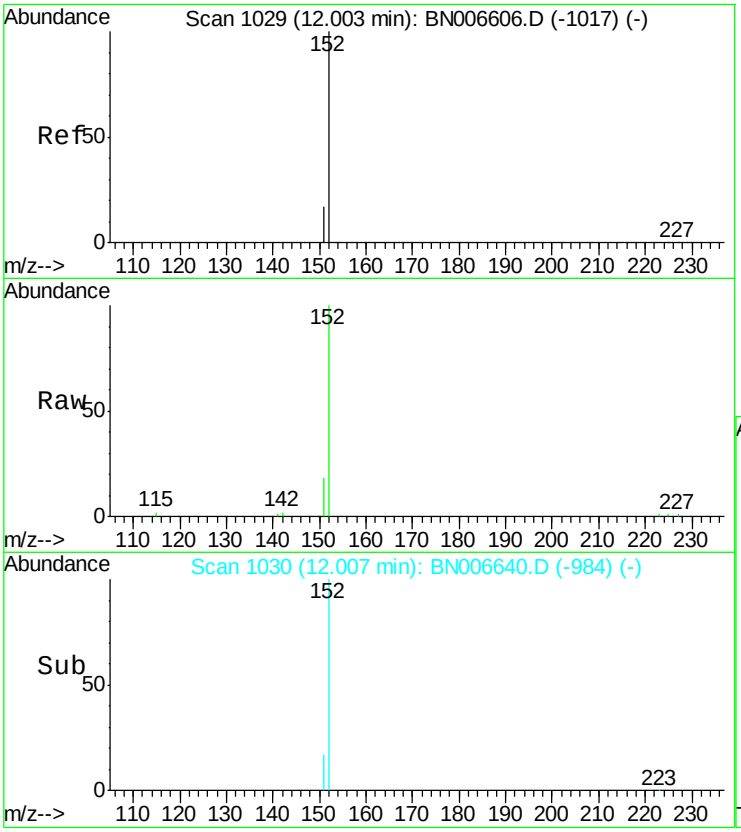


#10
Hexachlorobutadiene
Concen: 0.365 ng
RT: 10.73 min Scan# 856
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:225 Resp: 2885

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.4	77.2



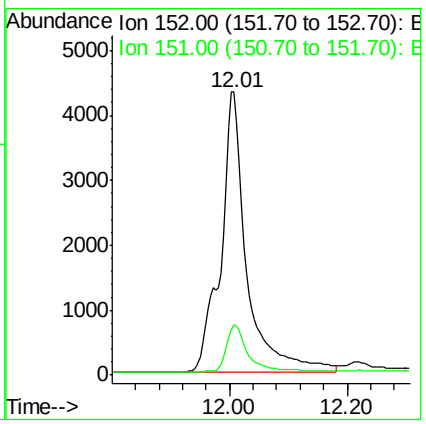


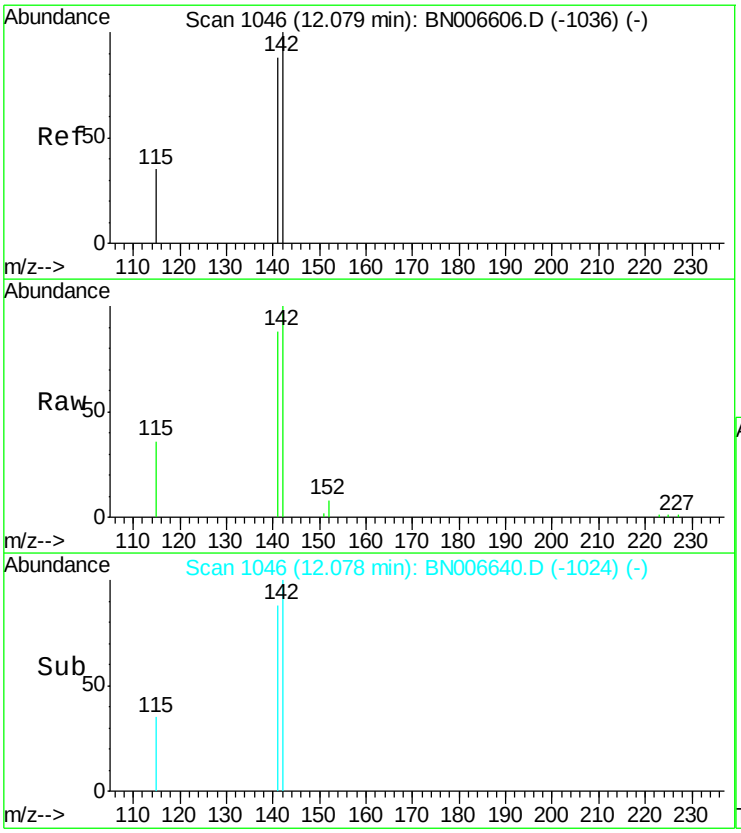
#11
2-Methylnaphthalene-d10
Concen: 0.576 ng
RT: 12.01 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:152 Resp: 13300

Ion	Ratio	Lower	Upper
152	100		
151	14.2	15.0	22.4#

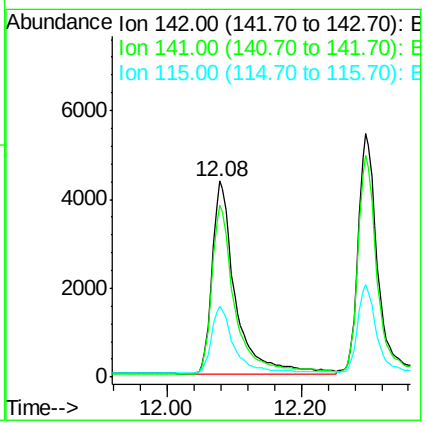


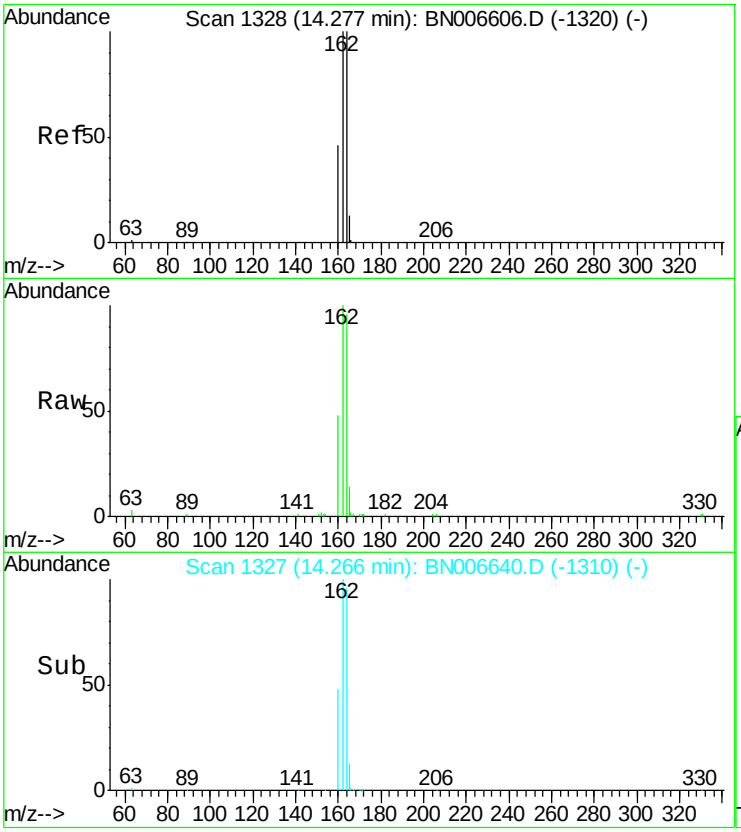


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:142 Resp: 10454

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.4
115	36.3	28.5	42.7



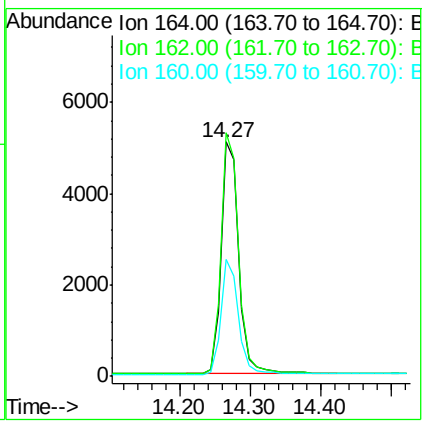


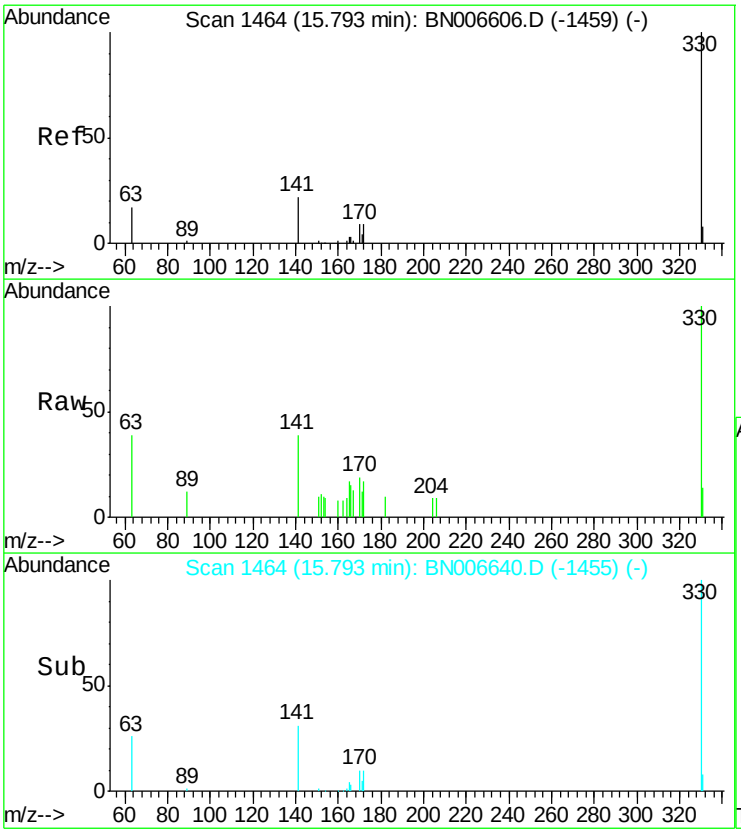
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:164 Resp: 9008

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.0	120.0
160	50.0	37.0	55.4

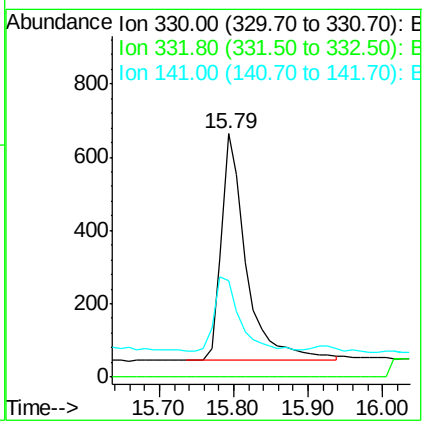


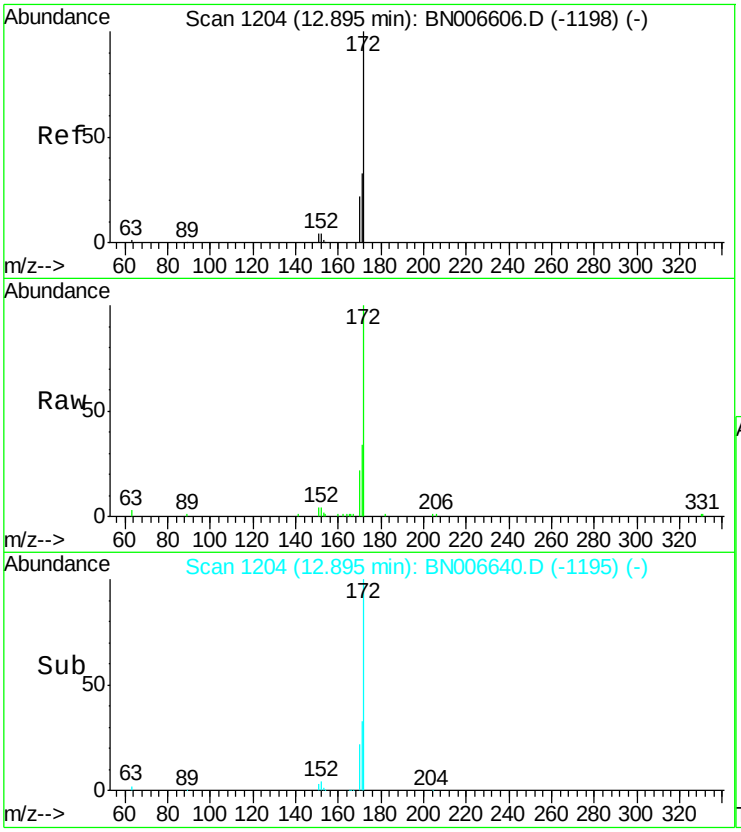


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:330 Resp: 1451

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	26.5	39.7



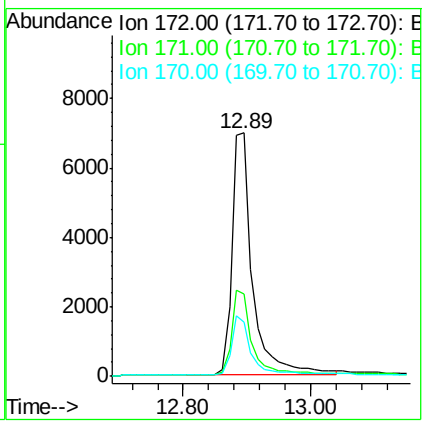


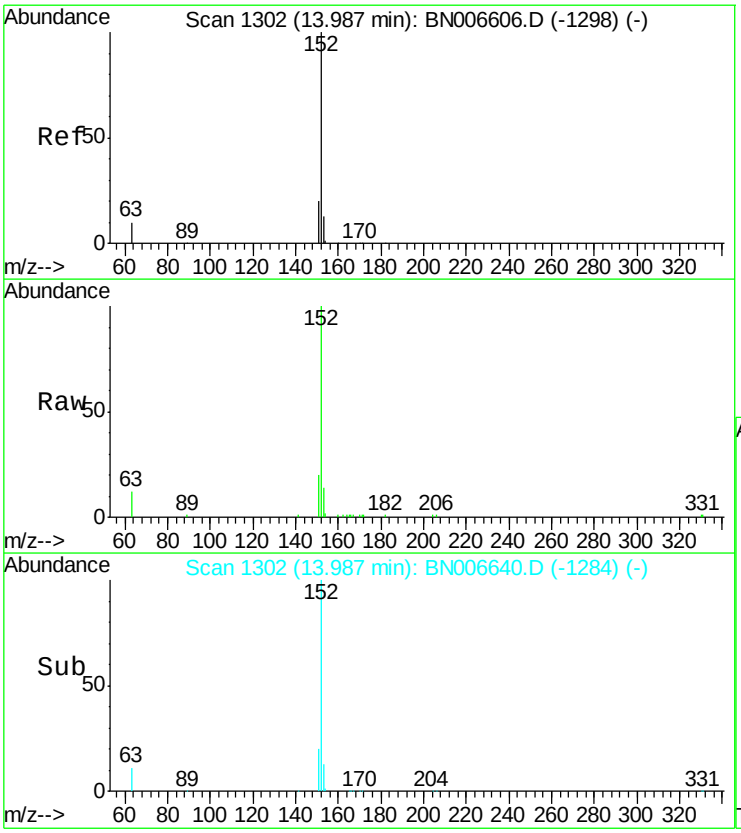
#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:172 Resp: 15651

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.0	40.4
170	22.2	17.7	26.5

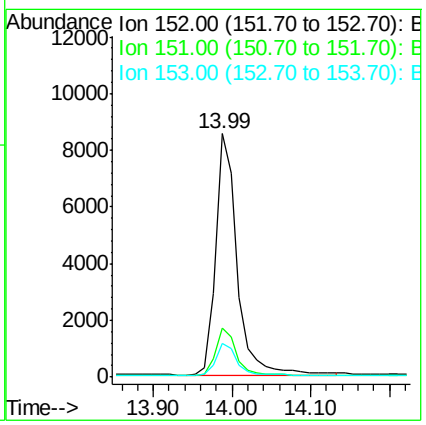


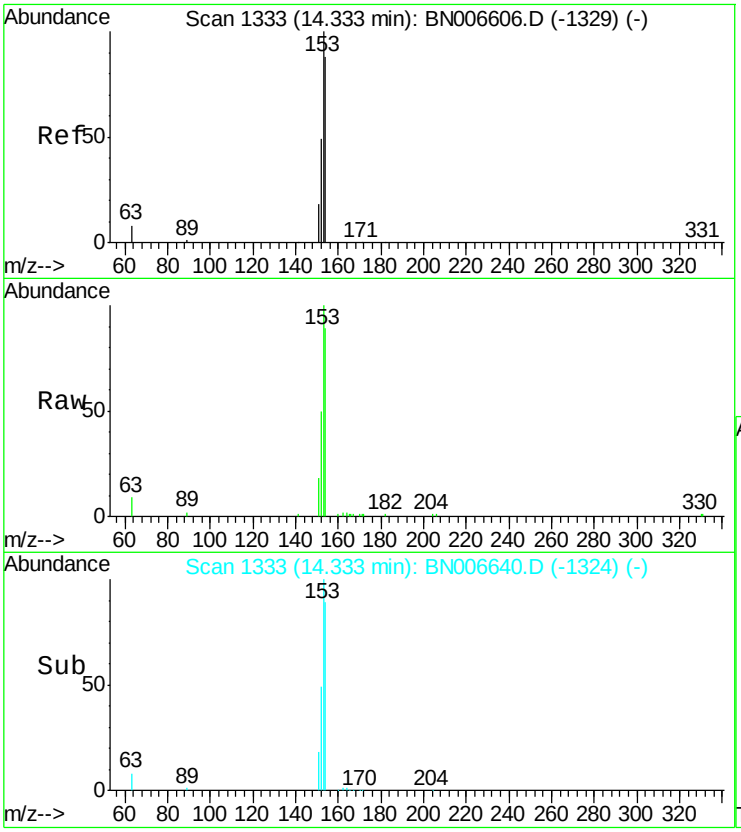


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:152 Resp: 16171

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.0	10.5	15.7



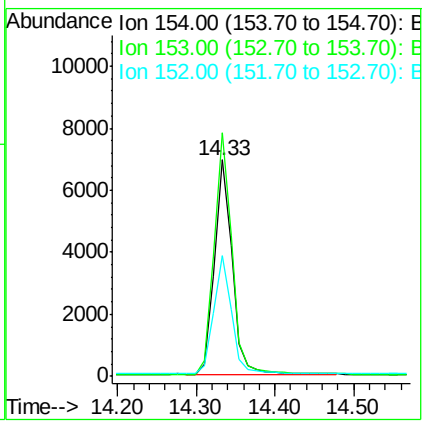


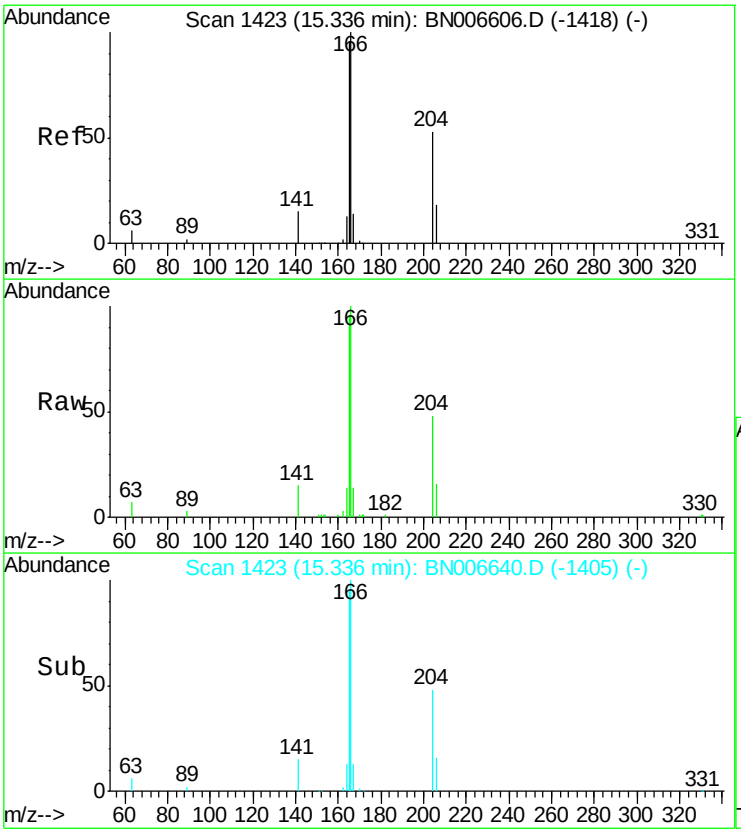
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:154 Resp: 10957

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.2	135.4
152	55.2	44.2	66.4

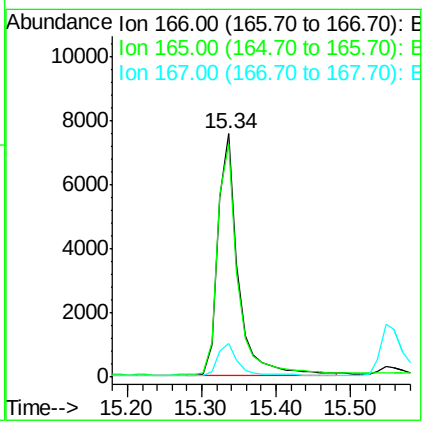


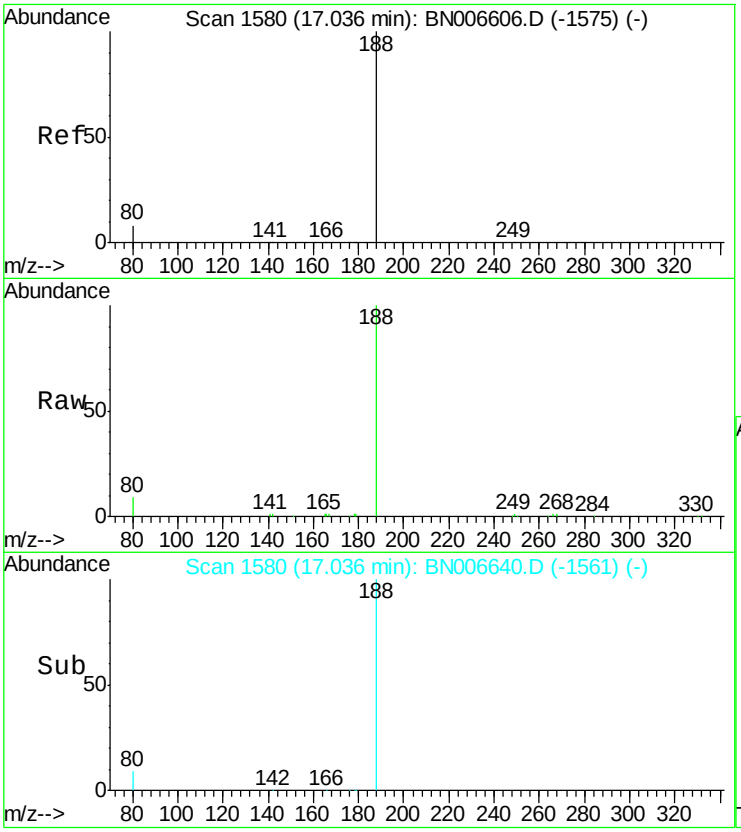


#18
Fluorene
Concen: 0.395 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:166 Resp: 14100

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.4	10.8	16.2



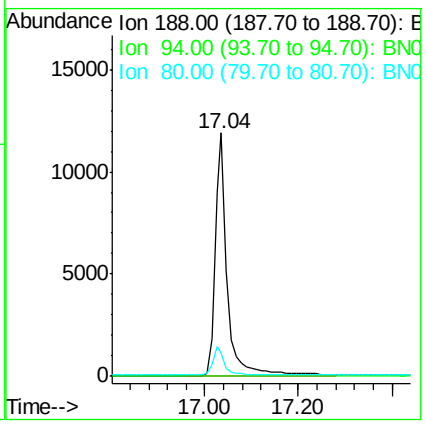


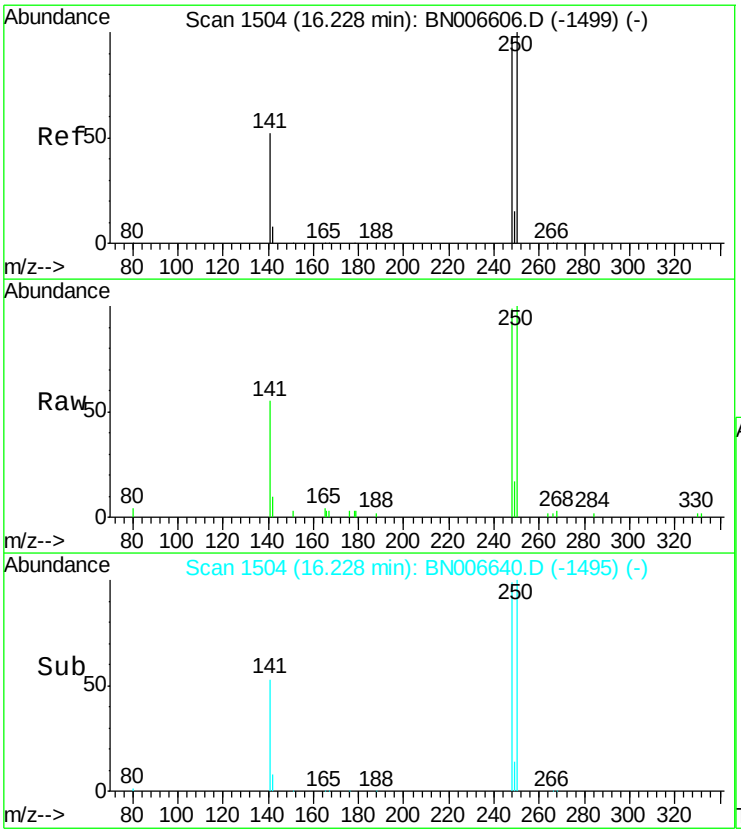
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:188 Resp: 21609

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.1	10.7

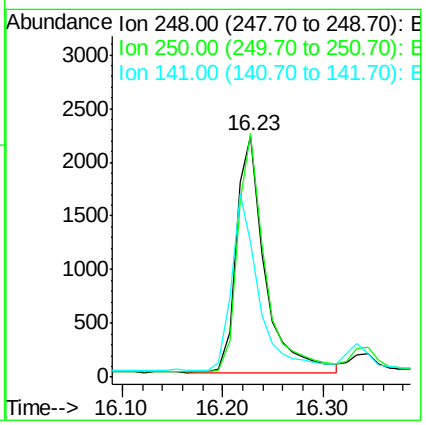


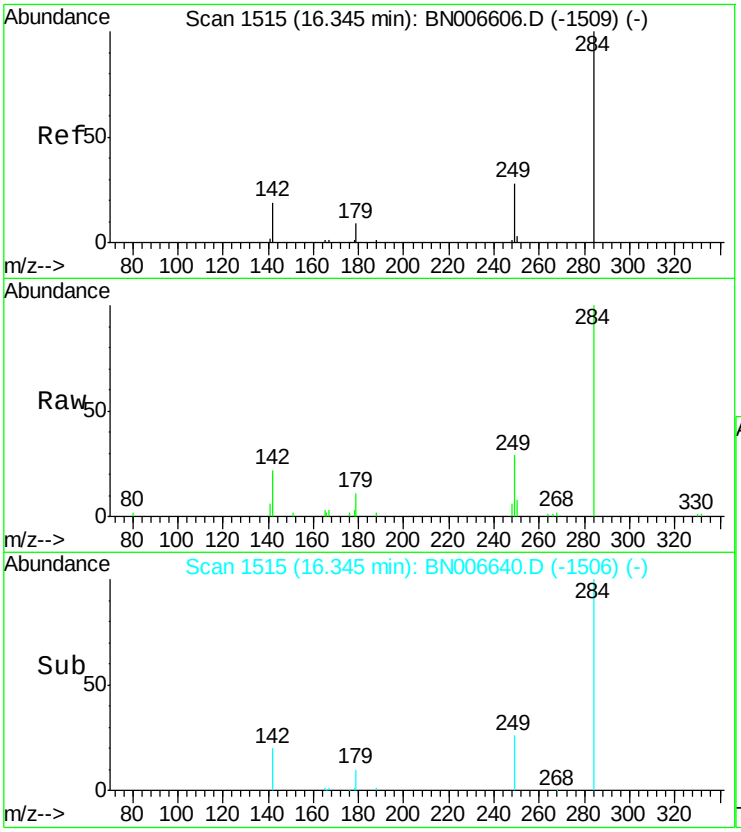


#20
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.23 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:248 Resp: 4356

Ion	Ratio	Lower	Upper
248	100		
250	100.8	82.2	123.4
141	55.8	43.8	65.8



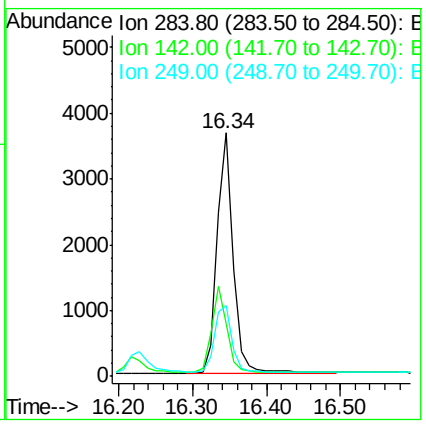


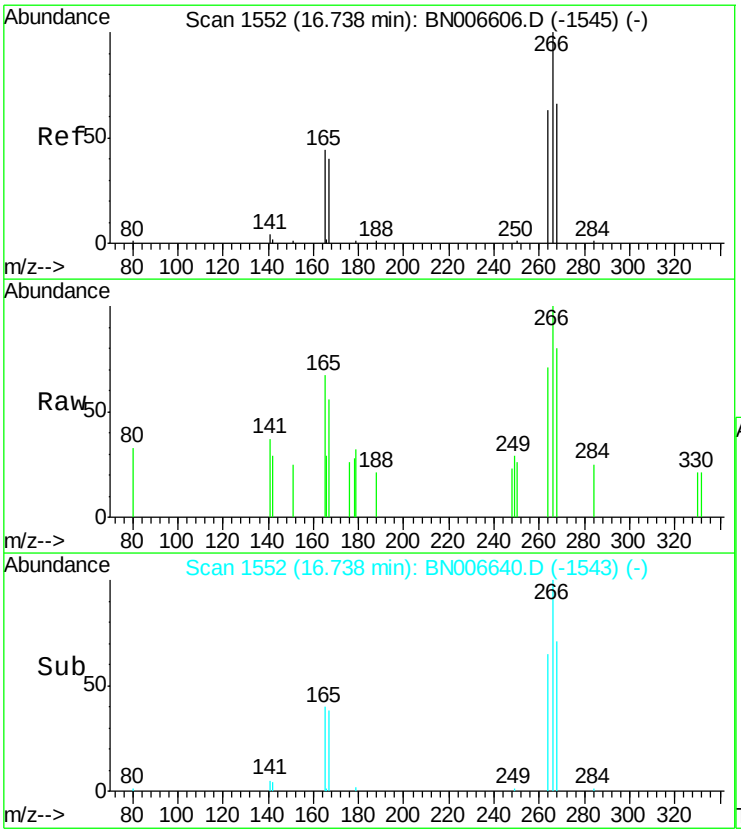
#21
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.34 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:284 Resp: 5576

Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.5	41.3
249	30.6	24.7	37.1

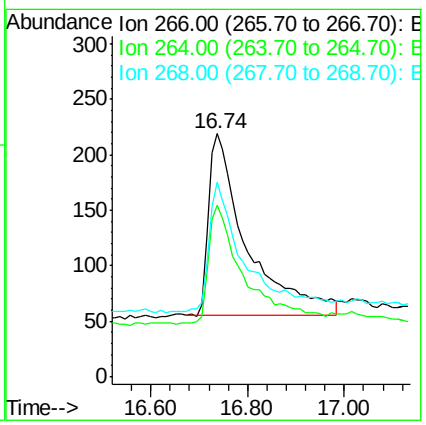


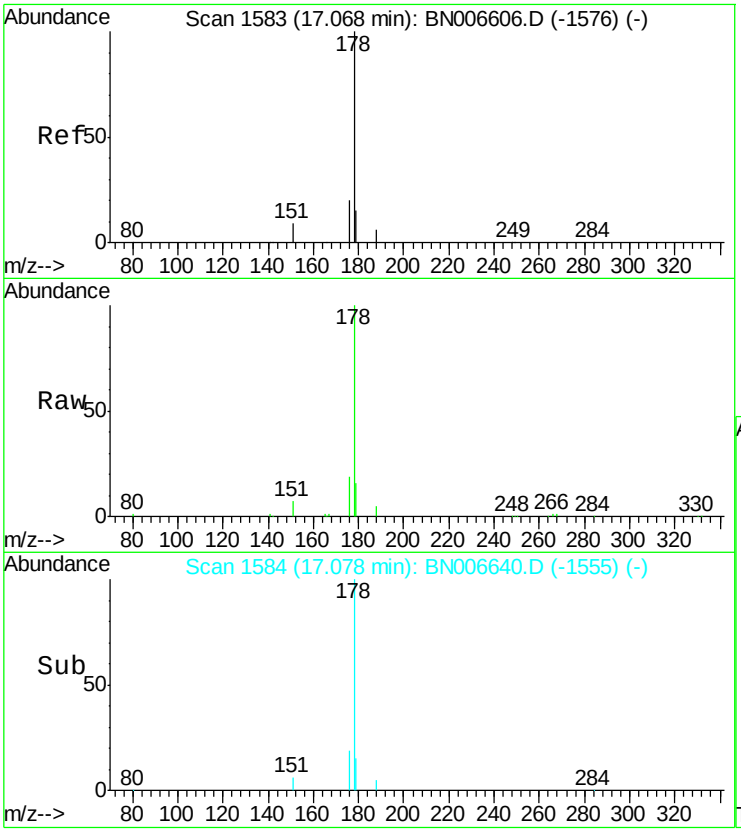


#22
Pentachlorophenol
Concen: 0.452 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:266 Resp: 897

Ion	Ratio	Lower	Upper
266	100		
264	70.8	56.2	84.4
268	79.9	63.0	94.4



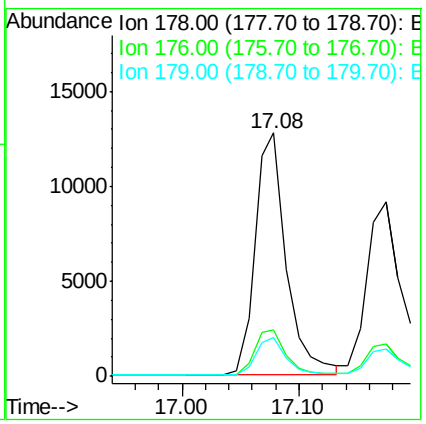


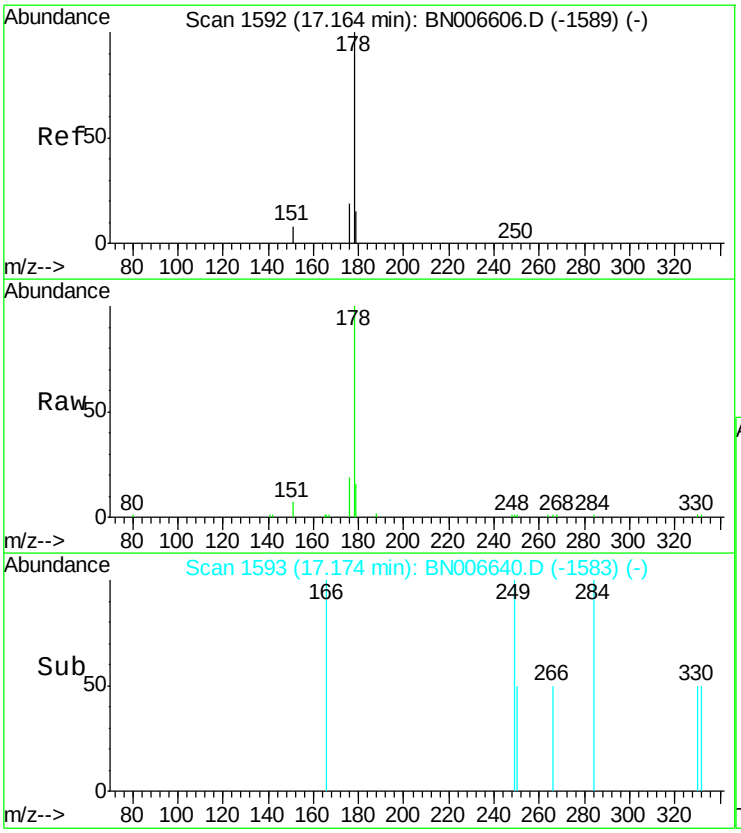
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:178 Resp: 23677

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

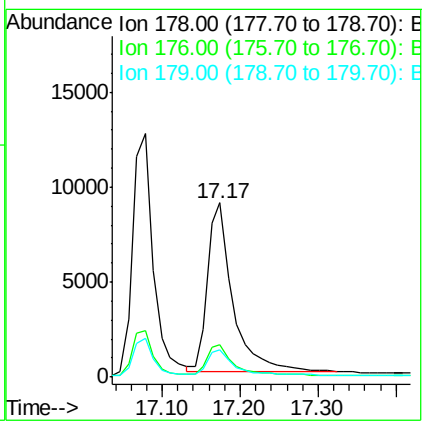


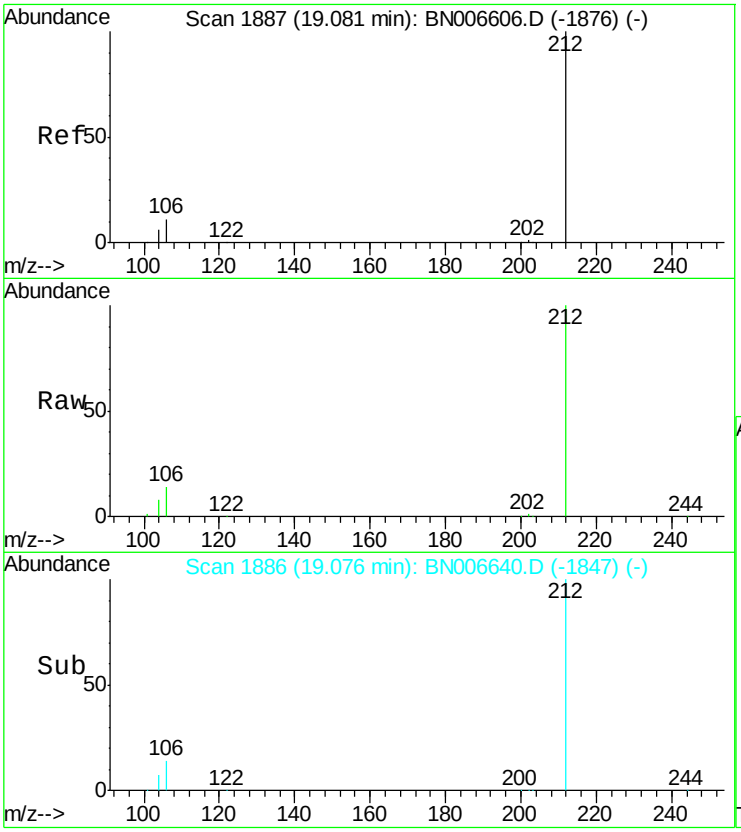


#24
Anthracene
Concen: 0.373 ng
RT: 17.17 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:178 Resp: 19865

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.2	18.2



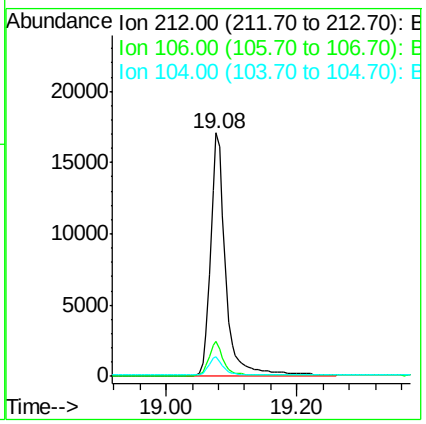


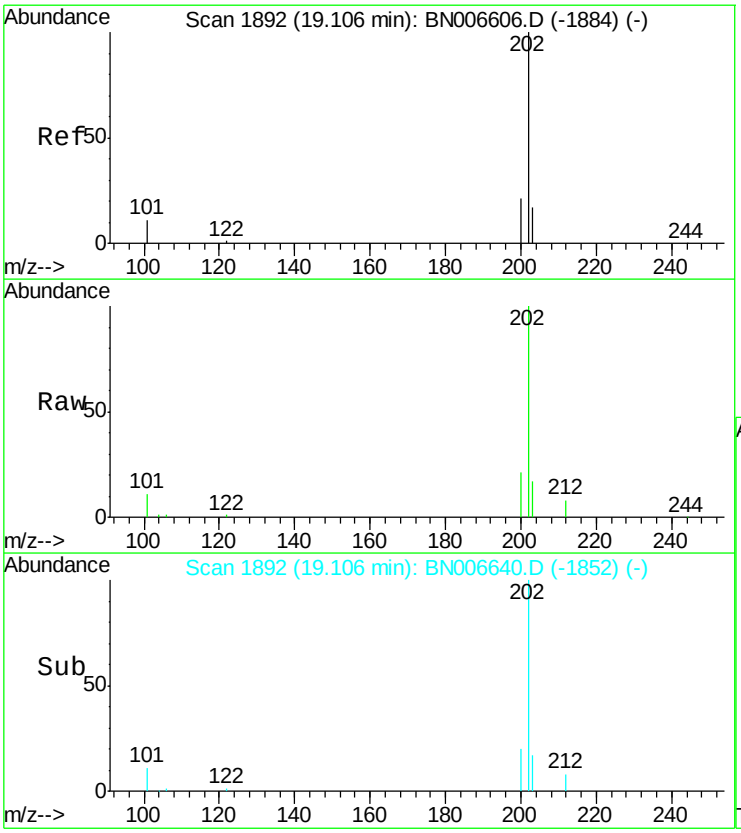
#25
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:212 Resp: 27092

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	15.8
104	7.3	5.8	8.6

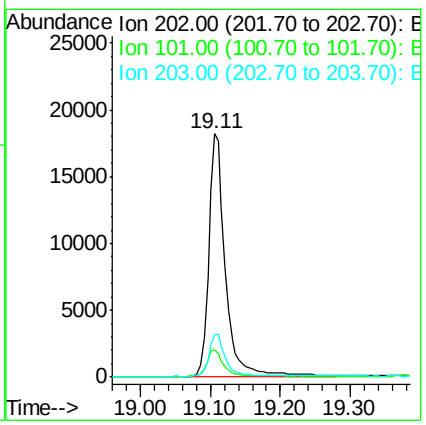


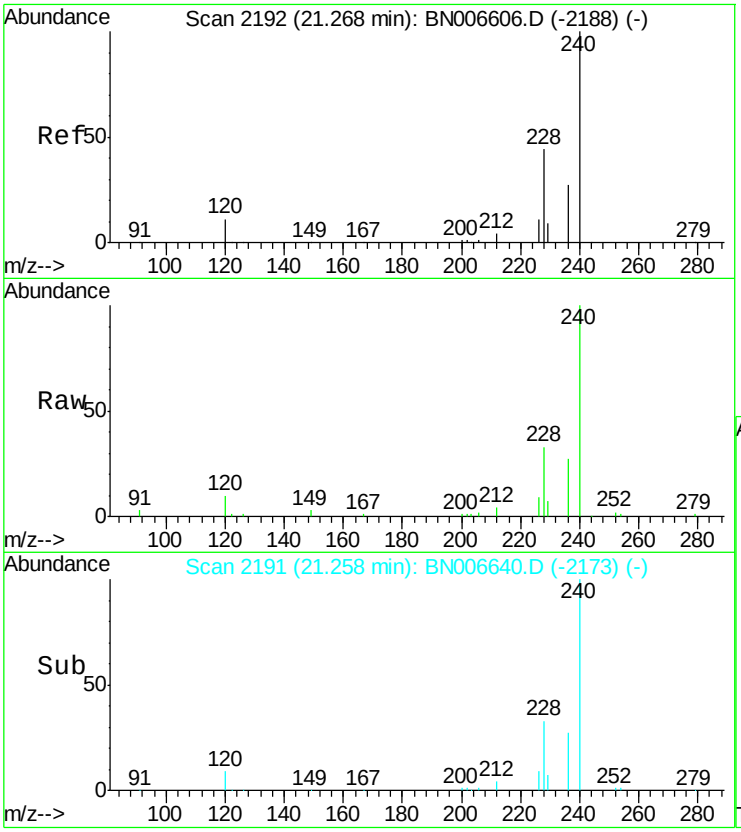


#26
Fluoranthene
Concen: 0.397 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:202 Resp: 29614

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.2	13.6	20.4



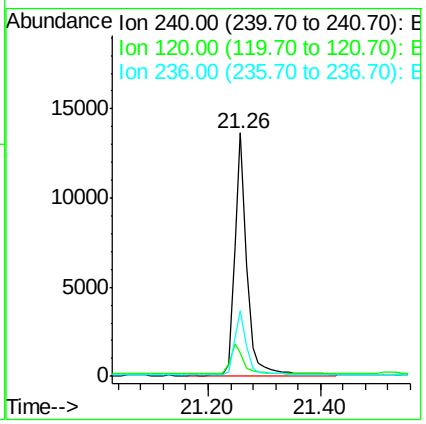


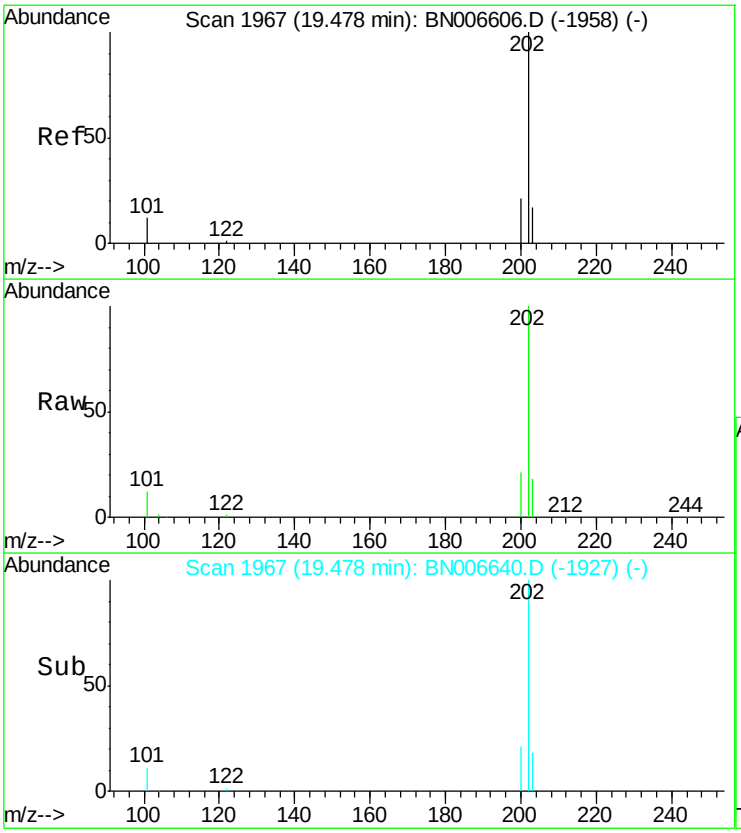
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:240 Resp: 20387

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.9	14.9#
236	27.1	22.2	33.4

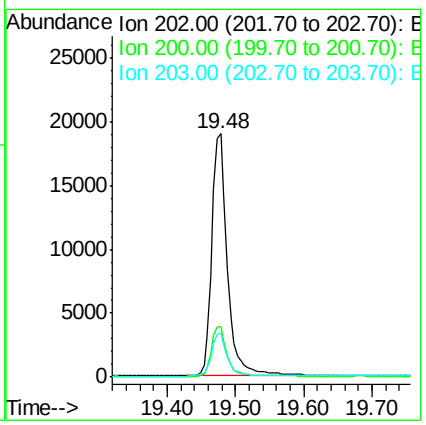


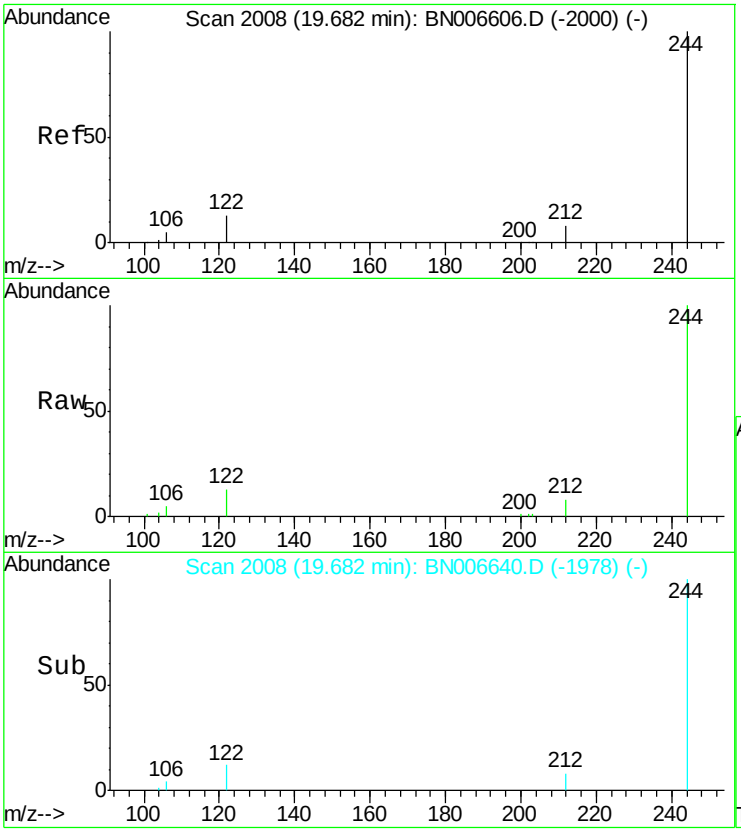


#28
Pyrene
Concen: 0.427 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:202 Resp: 30487

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.9	14.1	21.1



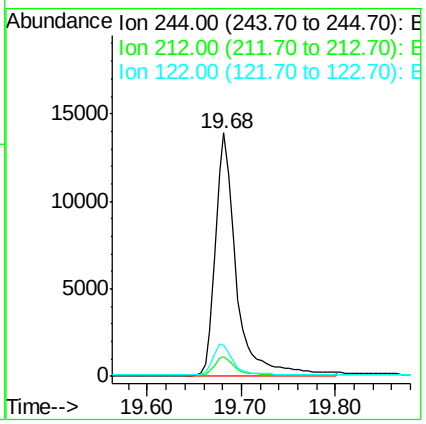


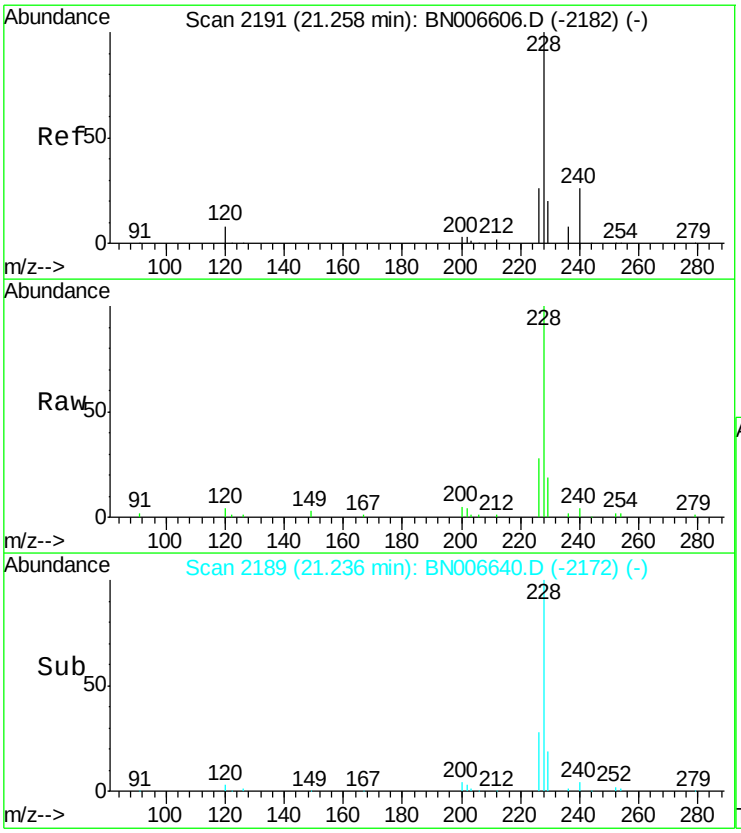
#29
Terphenyl-d14
Concen: 0.499 ng
RT: 19.68 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:244 Resp: 21294

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.7	10.1
122	12.8	11.0	16.6

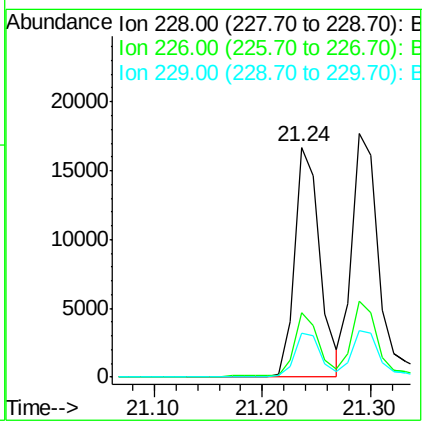


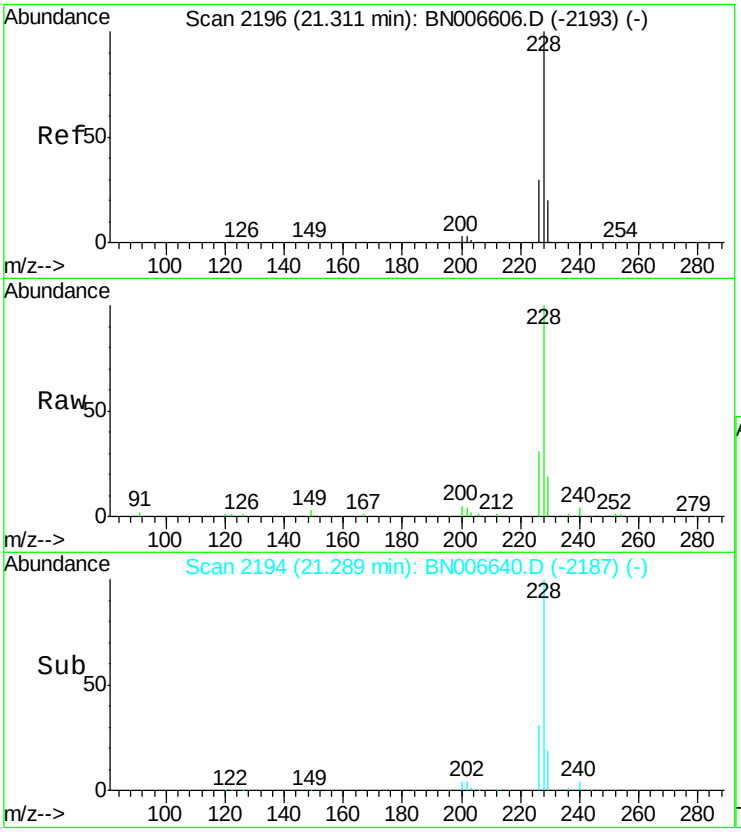


#30
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:228 Resp: 26606

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.2	31.8
229	19.3	16.1	24.1



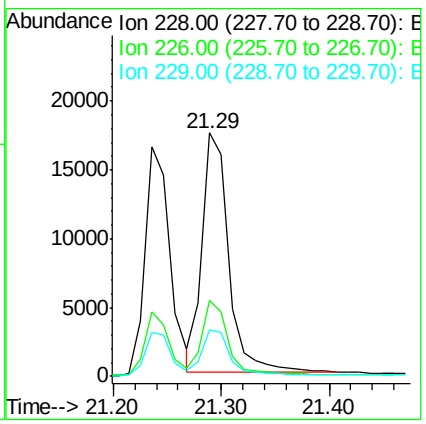


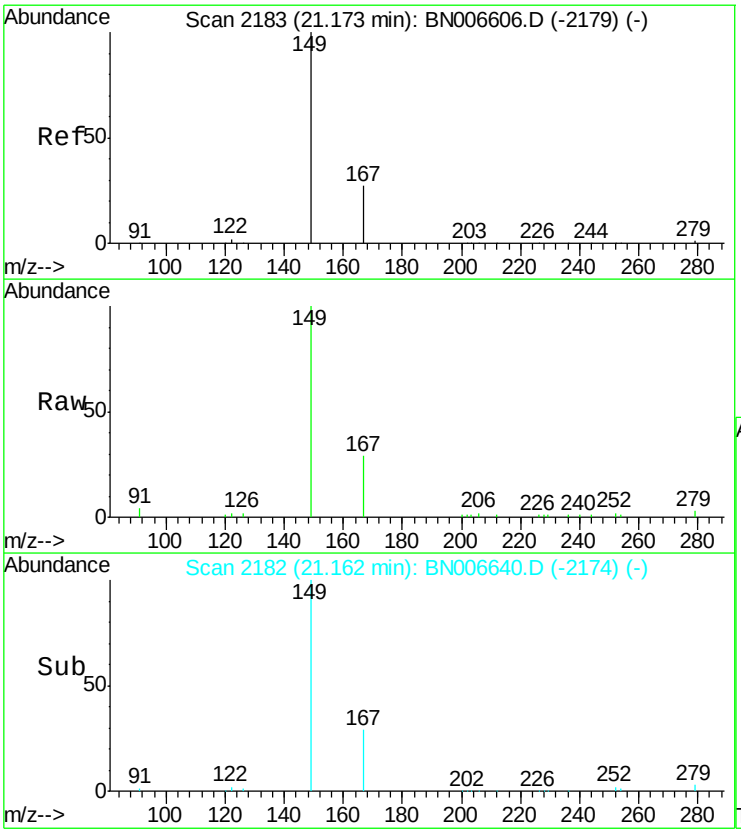
#31
Chrysene
Concen: 0.408 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:228 Resp: 29317

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	19.3	15.9	23.9

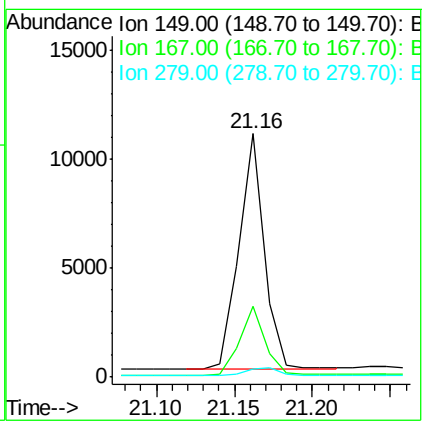


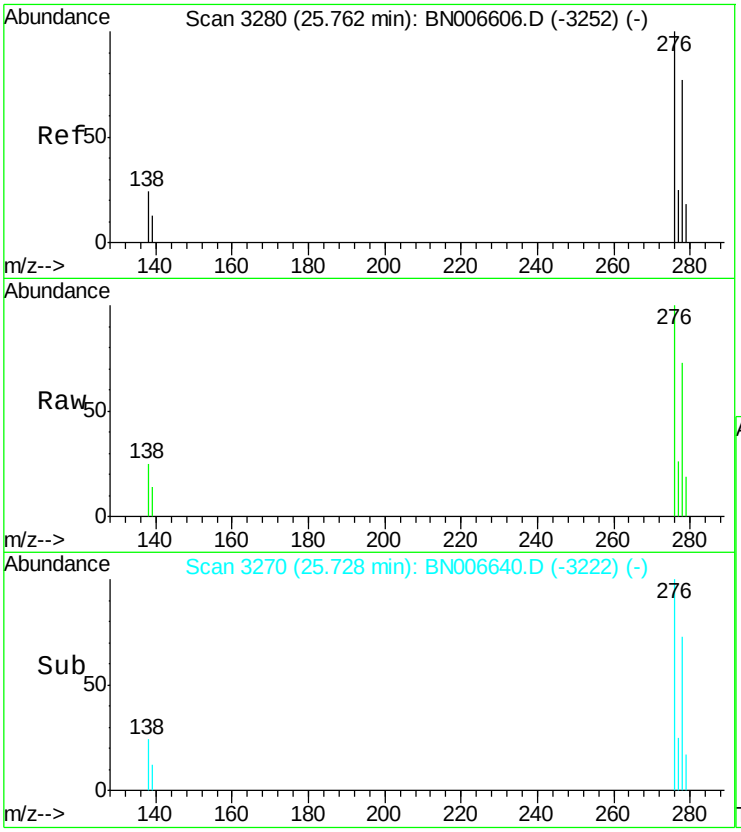


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.364 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:149 Resp: 12216

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	4.2	3.3	4.9



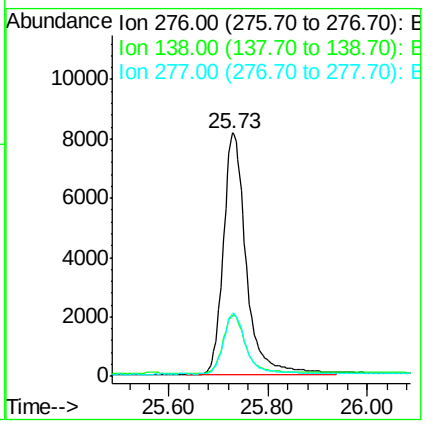


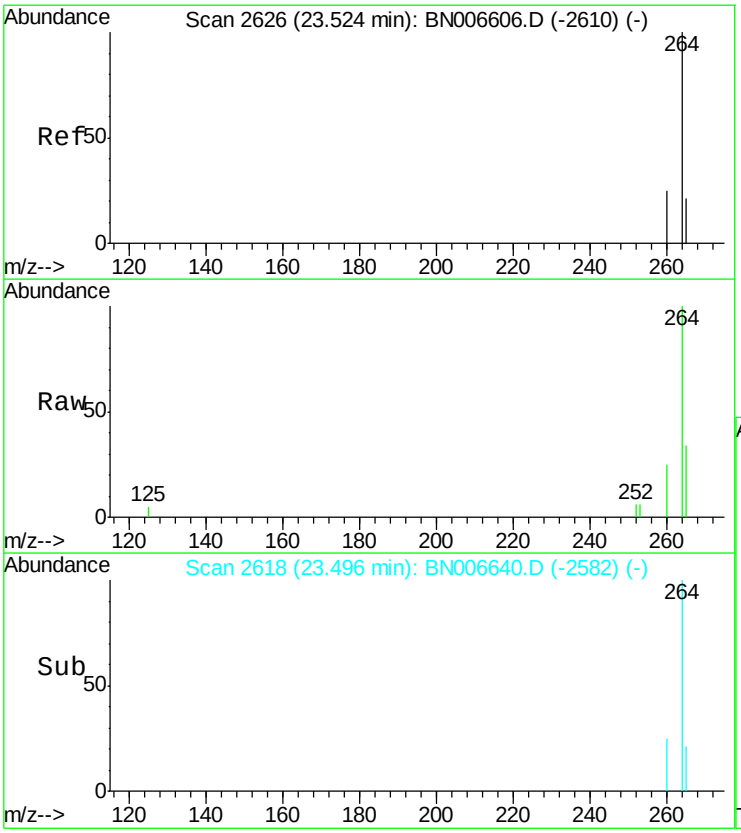
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:276 Resp: 26042

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.3	28.9
277	24.4	19.9	29.9

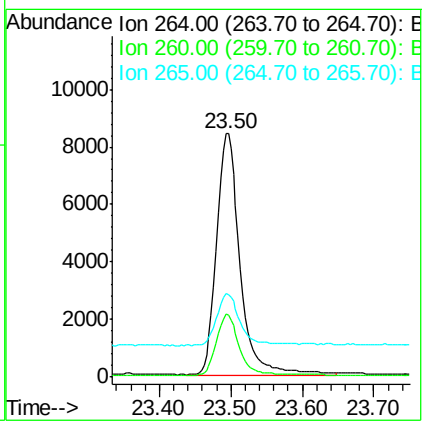


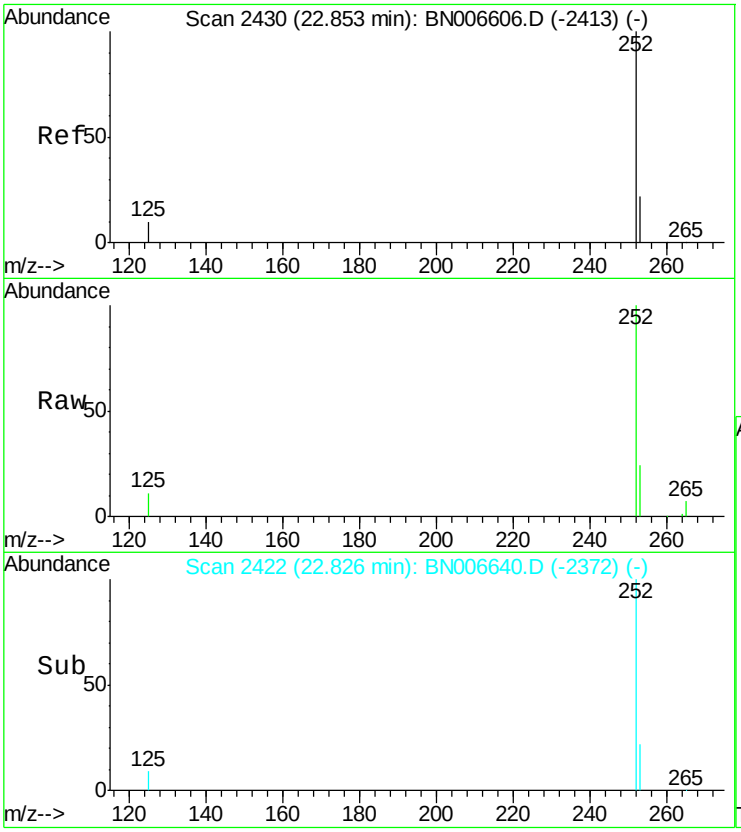


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:264 Resp: 19141

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	33.9	23.3	34.9



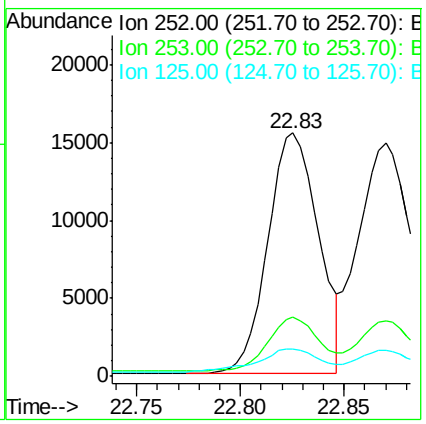


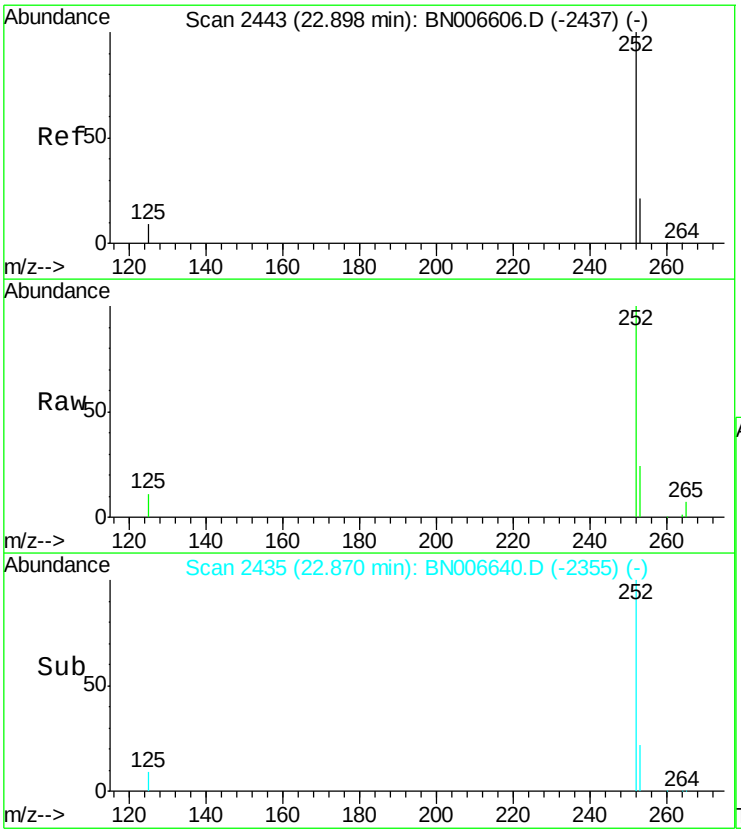
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:252 Resp: 26052

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	11.0	8.7	13.1

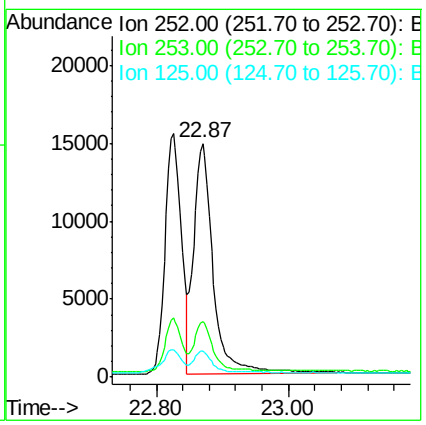


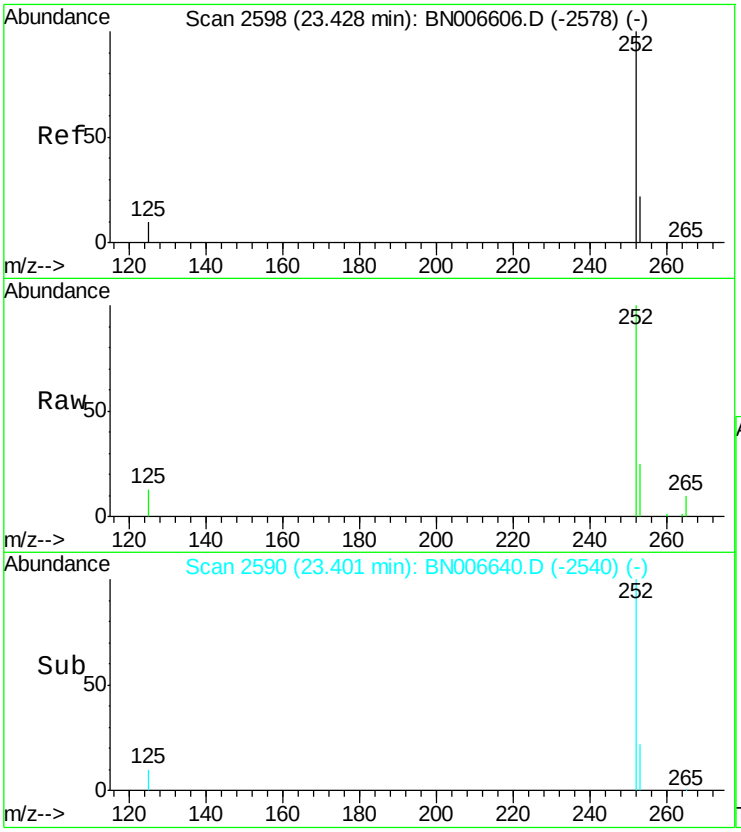


#36
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.87 min Scan# 2435
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:252 Resp: 30058

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	11.1	8.4	12.6



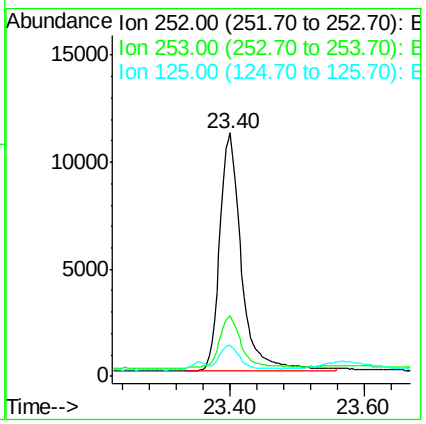


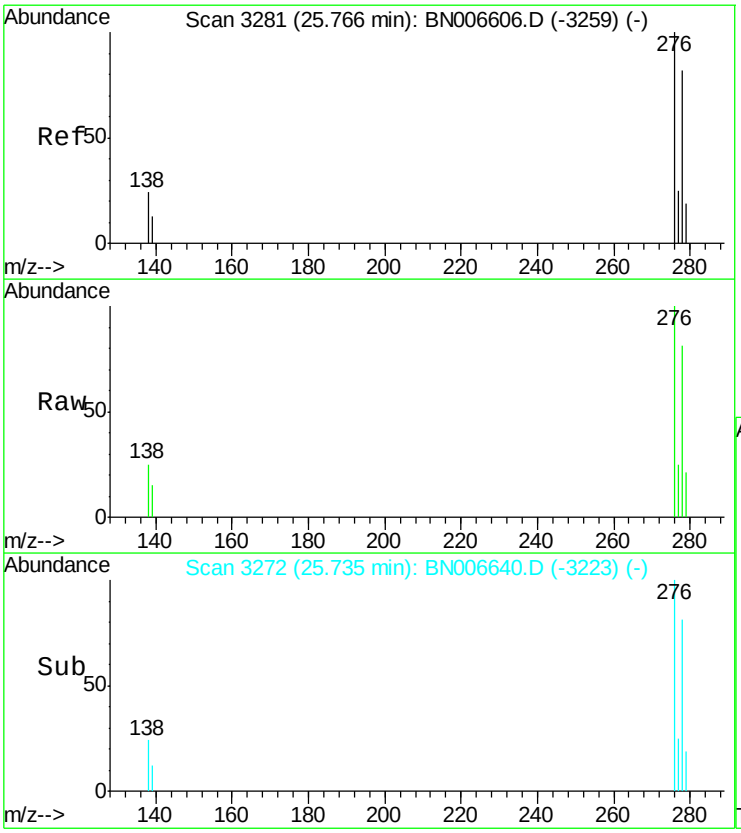
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:252 Resp: 25137

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.8	28.2
125	12.7	9.4	14.2

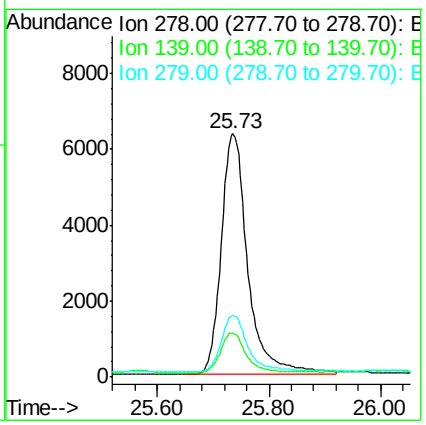


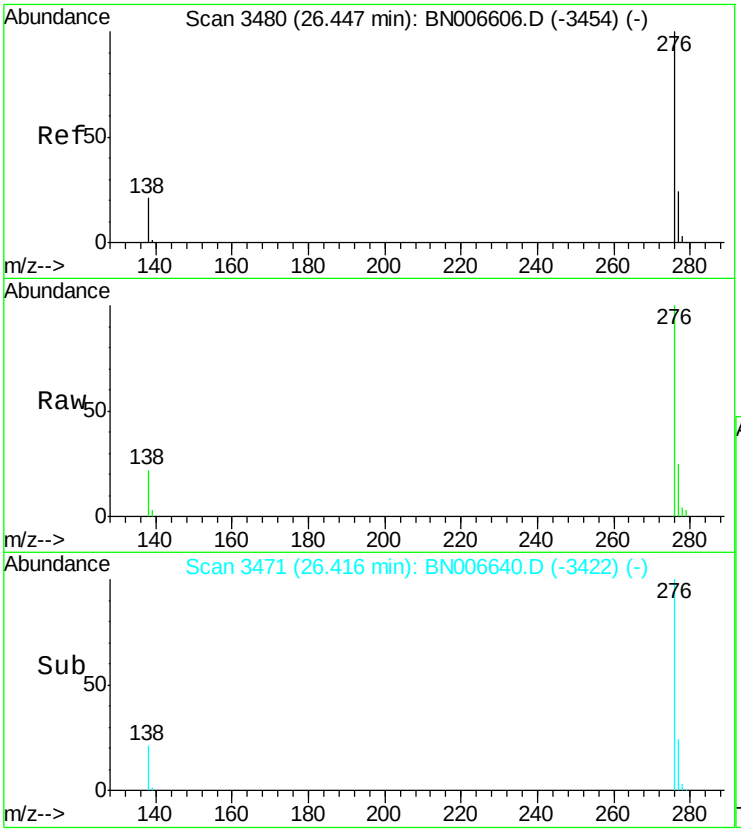


#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 25.73 min Scan# 3272
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Tgt Ion:278 Resp: 21148

Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.5	20.3
279	25.4	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 26.42 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BN006640.D
Acq: 29 Jun 2019 07:23

Instrument :
BNA_N
ClientSampleId :
PB120801BS

Tgt Ion:276 Resp: 22075

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	22.5	17.7	26.5