Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006753.D
Acq On : 08 Jul 2019 12:02
Operator : HP/JU
Sample : PB121176BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB121176BS

Quant Time: Jul 09 03:09:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2572	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	9850	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	5402	0.40	ng		-0.02
19) Phenanthrene-d10	17.01	188	11899	0.40	ng		-0.01
27) Chrysene-d12	21.24	240	12999	0.40	ng		-0.02
34) Perylene-d12	23.47	264	14223	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	1996	0.29	ng		0.00
5) Phenol-d6	6.83	99	2568	0.29	ng		0.00
8) Nitrobenzene-d5	8.79	82	2134	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	11.98	152	7122	0.48	ng		-0.01
14) 2,4,6-Tribromophenol	15.78	330	701	0.26	ng		-0.01
15) 2-Fluorobiphenyl	12.86	172	7345	0.35	ng		-0.02
25) Fluoranthene-d10	19.06	212	11468	0.34	ng		-0.02
29) Terphenyl-d14	19.66	244	8211	0.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1476	0.367	ng	#	19
3) n-Nitrosodimethylamine	3.48	42	889	0.293	ng	#	89
6) bis(2-Chloroethyl)ether	7.05	93	1952	0.261	ng		97
9) Naphthalene	10.41	128	9200	0.341	ng		99
10) Hexachlorobutadiene	10.69	225	1843	0.338	ng	#	100
12) 2-Methylnaphthalene	12.06	142	5900	0.300	ng		98
16) Acenaphthylene	13.96	152	8745	0.325	ng		100
17) Acenaphthene	14.31	154	5816	0.339	ng		96
18) Fluorene	15.31	166	7043	0.330	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	2153	0.307	ng		97
21) Hexachlorobenzene	16.32	284	2975	0.357	ng		99
22) Pentachlorophenol	16.74	266	254	0.337	ng		92
23) Phenanthrene	17.06	178	11263	0.328	ng		99
24) Anthracene	17.15	178	9342	0.301	ng		99
26) Fluoranthene	19.09	202	13953	0.346	ng		100
28) Pyrene	19.46	202	14679	0.282	ng		100
30) Benzo(a)anthracene	21.23	228	12402	0.277	ng		100
31) Chrysene	21.28	228	14603	0.316	ng		99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5671	0.042	ng		98
33) Indeno(1,2,3-cd)pyrene	25.70	276	19752	0.357	ng		98
35) Benzo(b)fluoranthene	22.80	252	15022	0.329	ng		98
36) Benzo(k)fluoranthene	22.80	252	15022	0.303	ng		98
37) Benzo(a)pyrene	23.38	252	15250	0.345	ng	#	96
38) Dibenzo(a,h)anthracene	25.70	278	15821	0.360	ng		97
39) Benzo(g,h,i)perylene	26.38	276	17221	0.381	ng		96

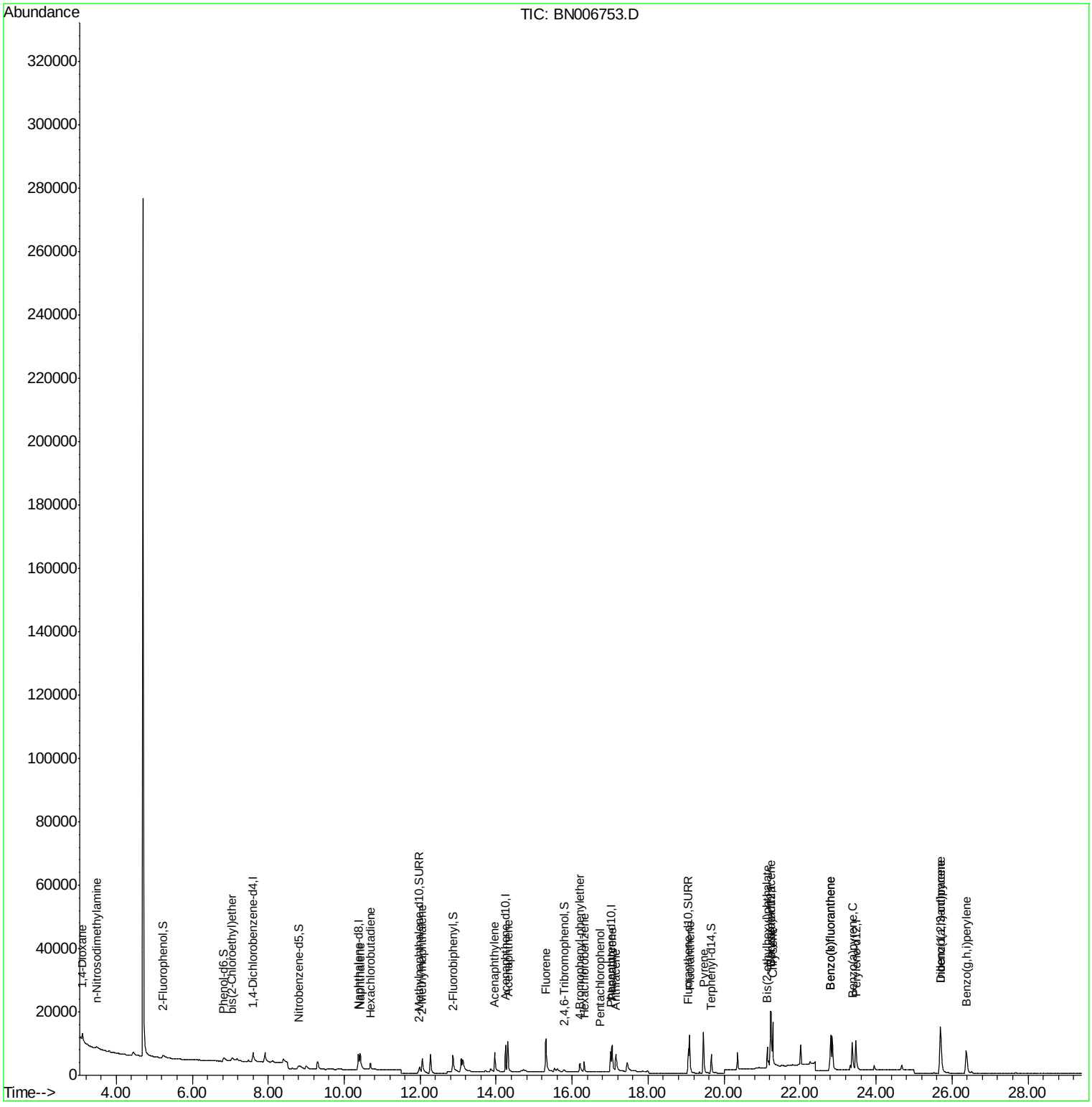
(#) = qualifier out of range (m) = manual integration (+) = signals summed

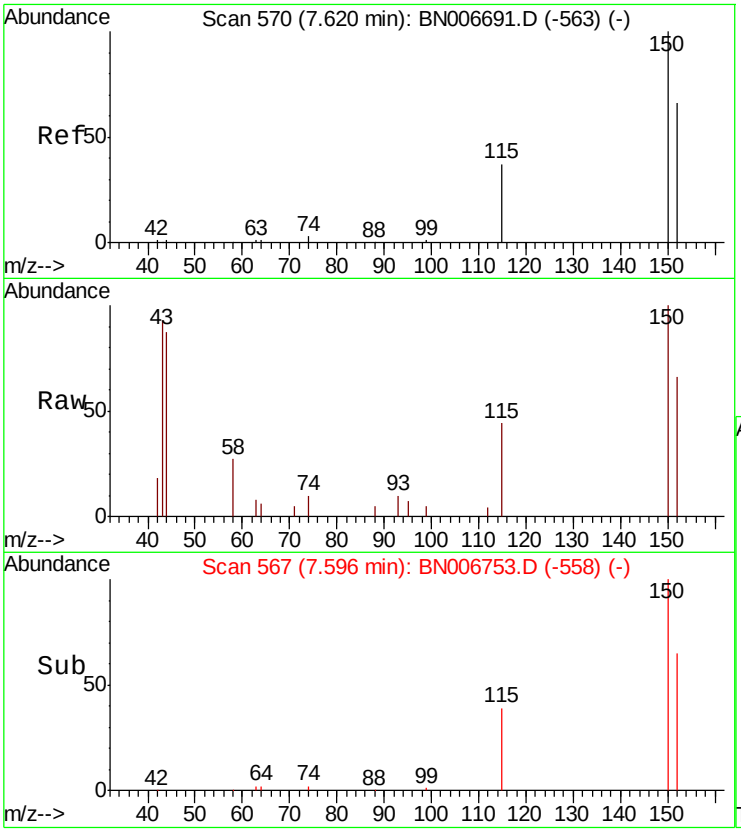
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070819\
Data File : BN006753.D
Acq On : 08 Jul 2019 12:02
Operator : HP/JU
Sample : PB121176BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Quant Time: Jul 08 12:36:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



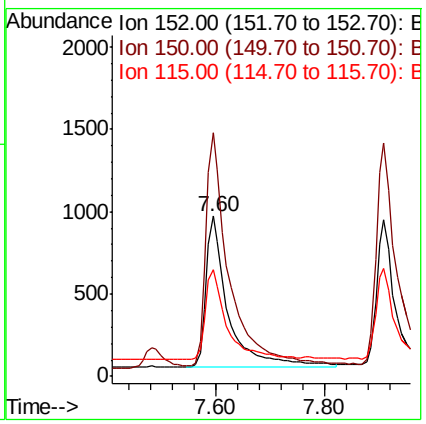


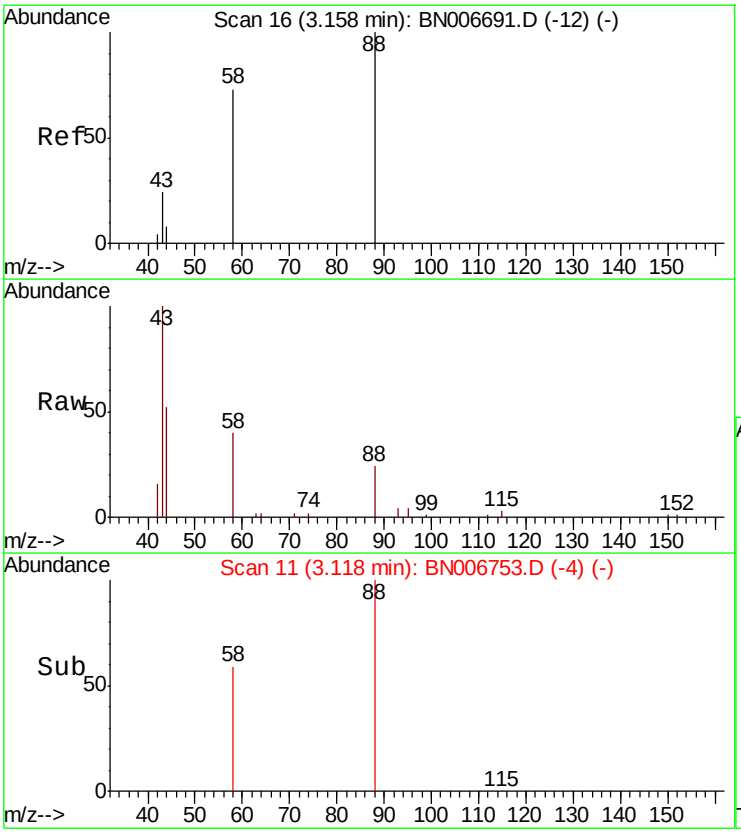
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:152 Resp: 2572

Ion	Ratio	Lower	Upper
152	100		
150	151.8	120.6	181.0
115	66.8	51.0	76.6

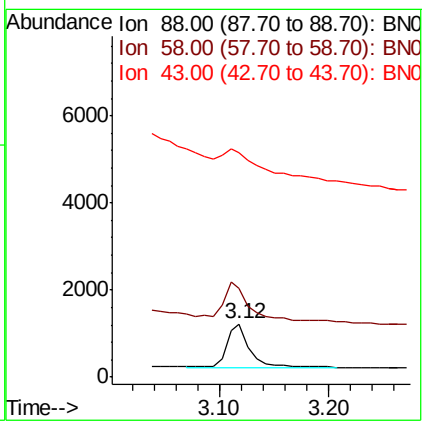


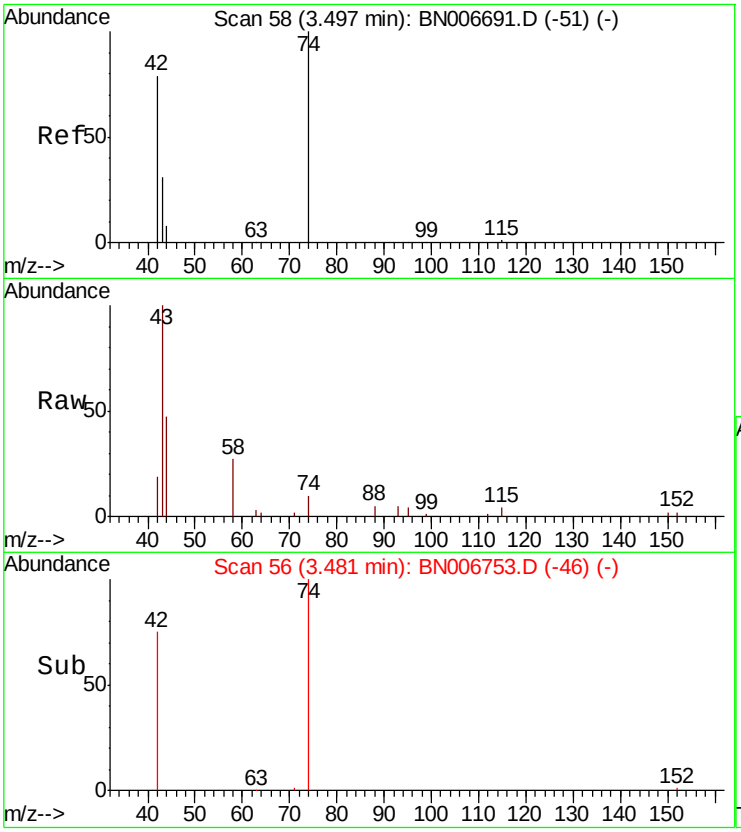


#2
1,4-Dioxane
Concen: 0.367 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion: 88 Resp: 1476

Ion	Ratio	Lower	Upper
88	100		
58	115.1	61.1	91.7#
43	133.4	32.4	48.6#



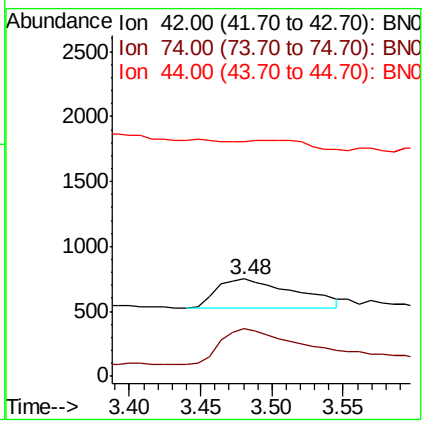


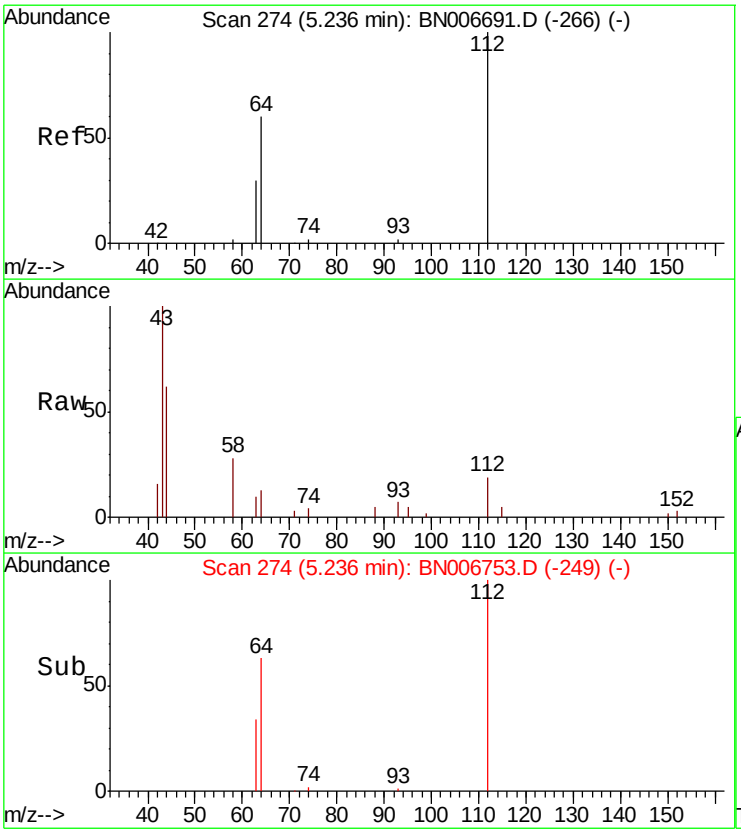
#3
n-Nitrosodimethylamine
Concen: 0.293 ng
RT: 3.48 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion: 42 Resp: 889

Ion	Ratio	Lower	Upper
42	100		
74	121.9	106.6	160.0
44	0.0	8.0	12.0#

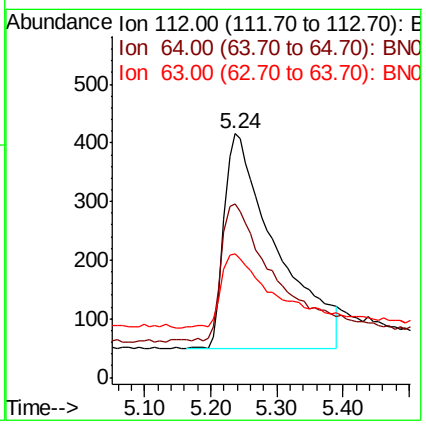


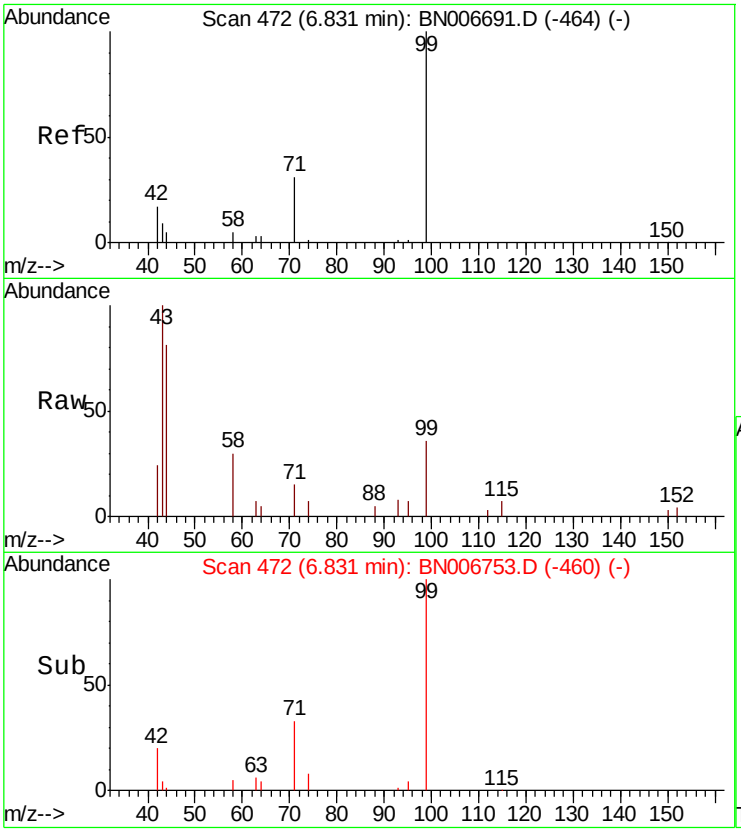


#4
2-Fluorophenol
Concen: 0.286 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:112 Resp: 1996

Ion	Ratio	Lower	Upper
112	100		
64	65.8	49.8	74.6
63	35.4	25.8	38.6



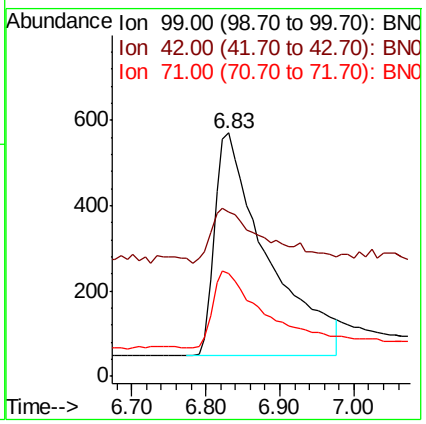


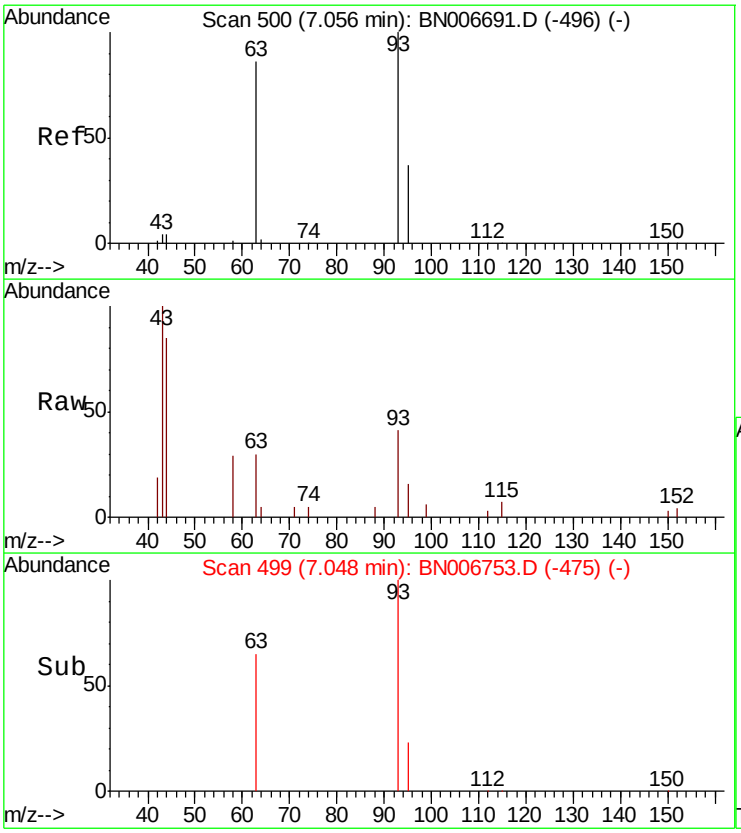
#5
Phenol-d6
Concen: 0.290 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.00 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion: 99 Resp: 2568

Ion	Ratio	Lower	Upper
99	100		
42	26.4	16.6	25.0#
71	34.7	26.0	39.0

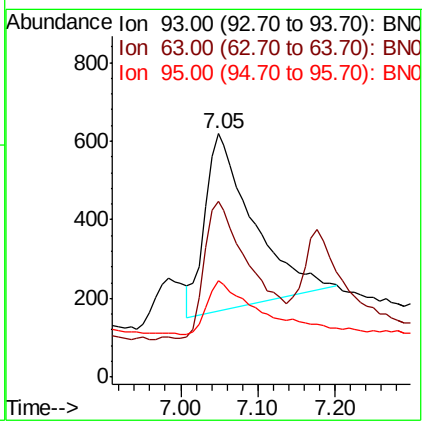


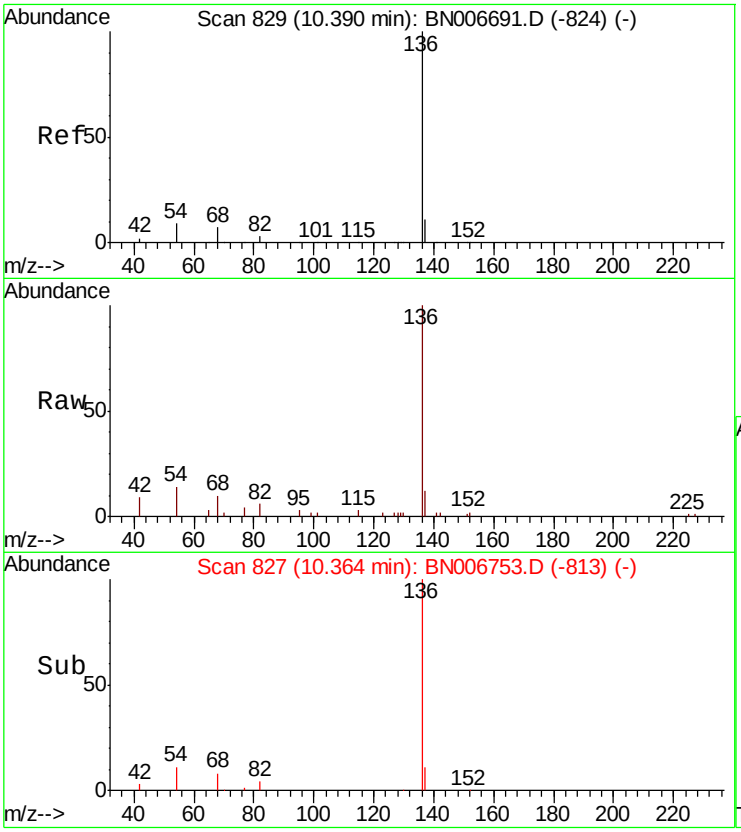


#6
bis(2-Chloroethyl)ether
Concen: 0.261 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion: 93 Resp: 1952

Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.6	87.8
95	33.6	28.3	42.5



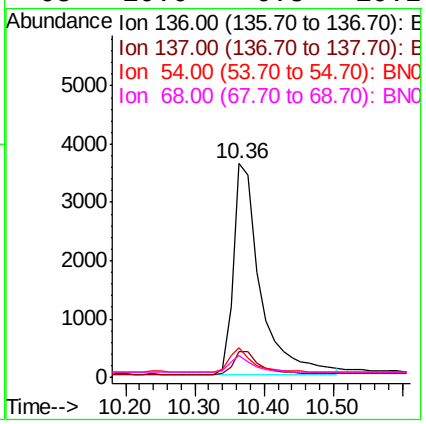


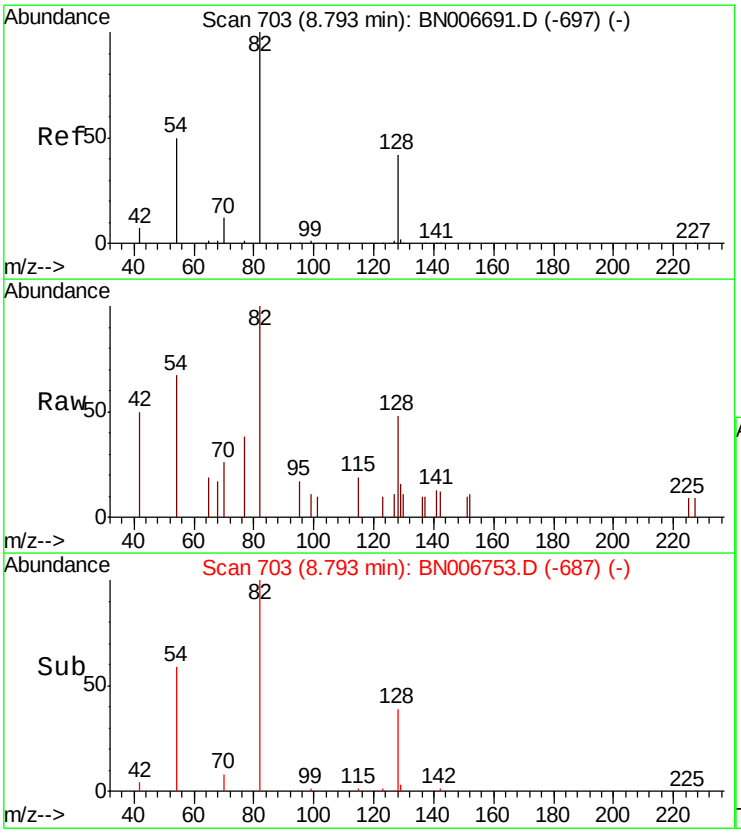
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:136 Resp: 9850

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	13.5	8.4	12.6#
68	10.0	6.8	10.2

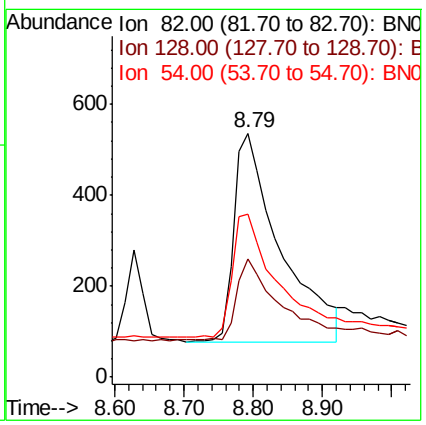


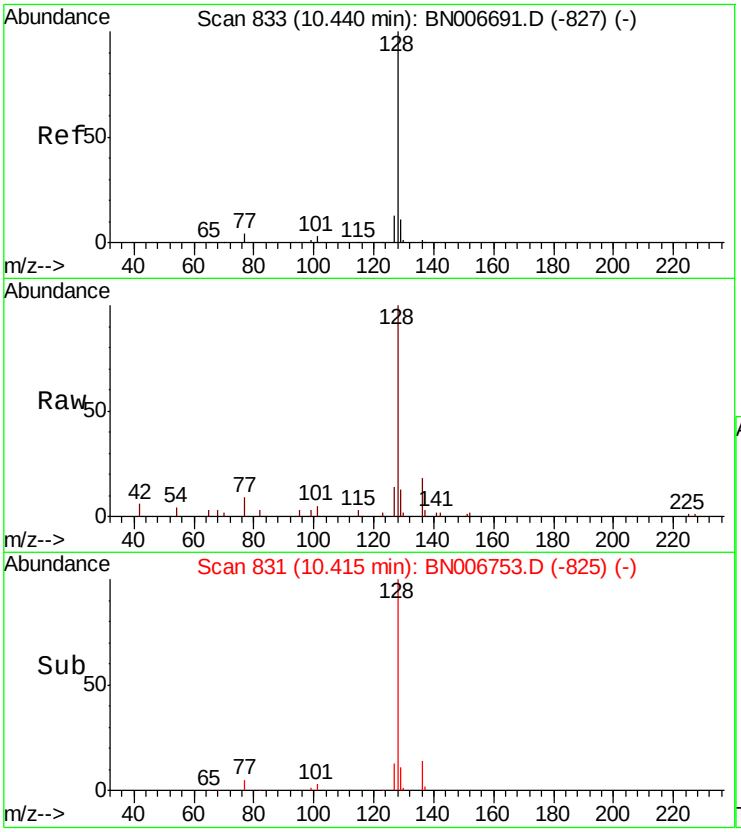


#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion: 82 Resp: 2134

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	66.8	44.5	66.7#



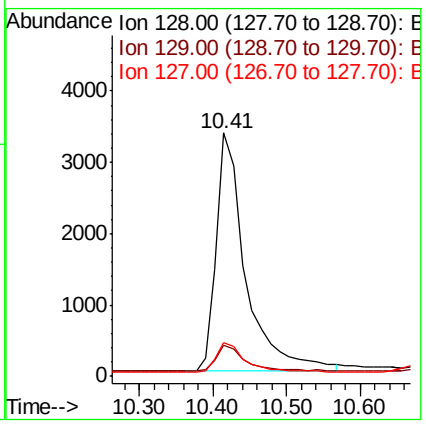


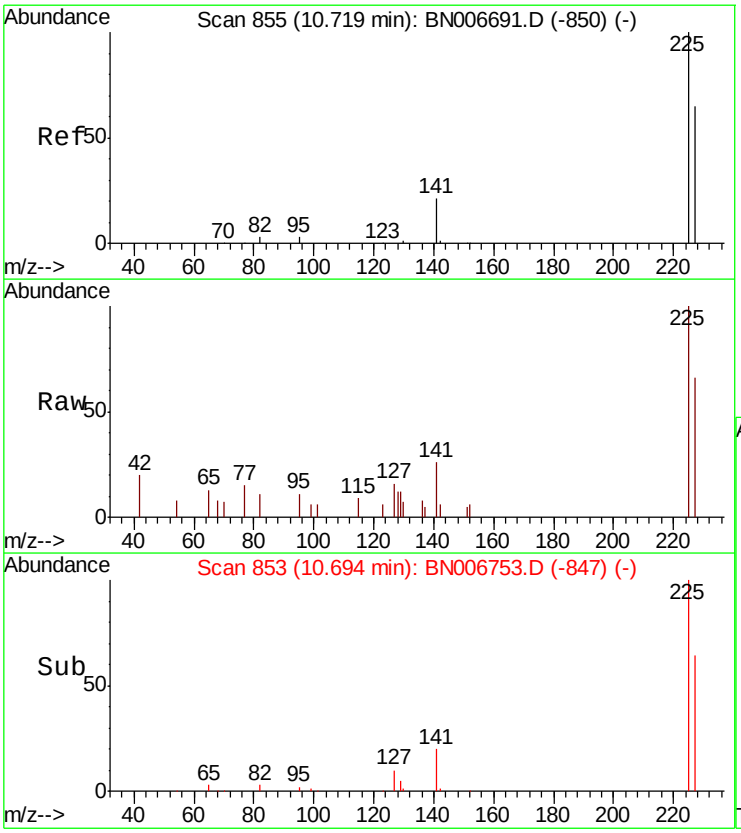
#9
Naphthalene
Concen: 0.341 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:128 Resp: 9200

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.6	14.4
127	14.1	11.0	16.4

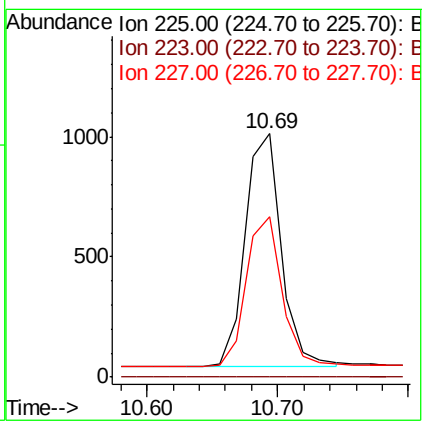


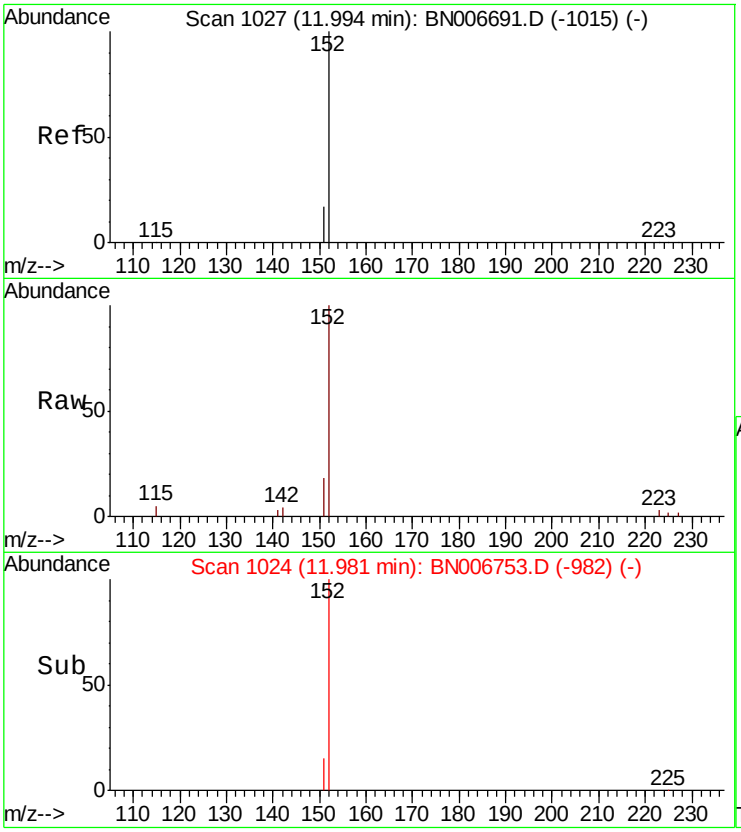


#10
Hexachlorobutadiene
Concen: 0.338 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:225 Resp: 1843

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.9	76.3



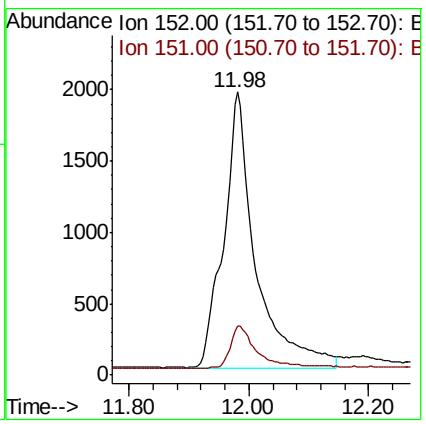


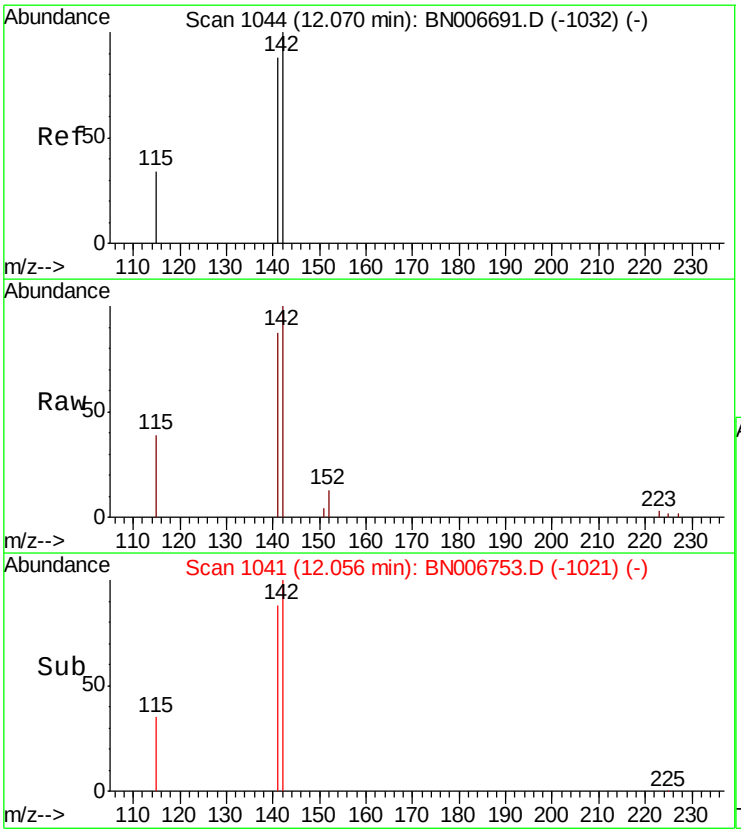
#11
2-Methylnaphthalene-d10
Concen: 0.481 ng
RT: 11.98 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:152 Resp: 7122

Ion	Ratio	Lower	Upper
152	100		
151	12.7	14.9	22.3#

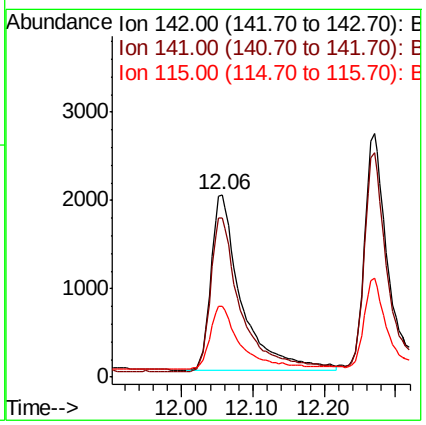


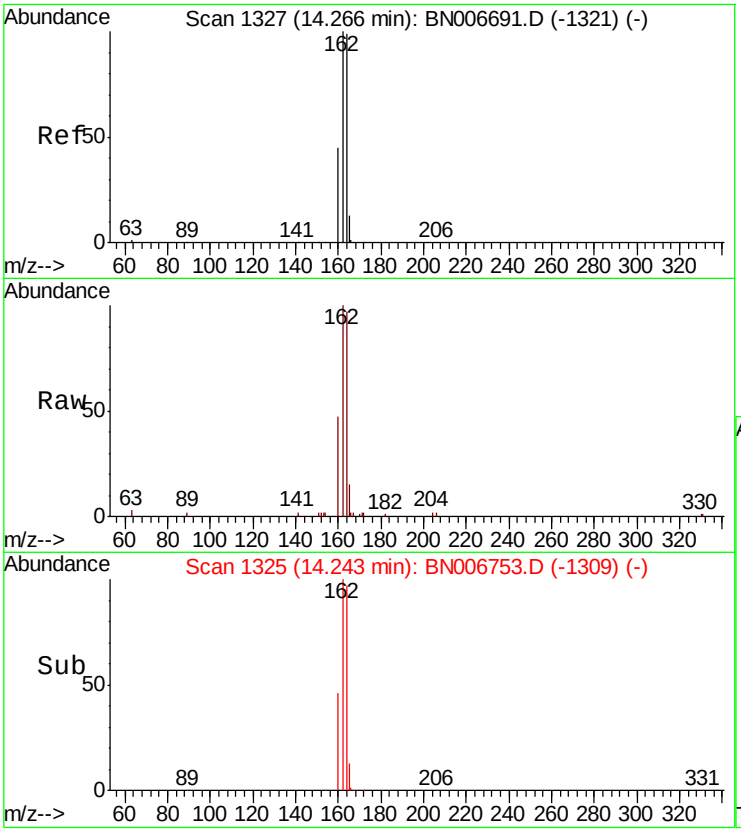


#12
2-Methylnaphthalene
Concen: 0.300 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:142 Resp: 5900

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5
115	38.6	28.9	43.3



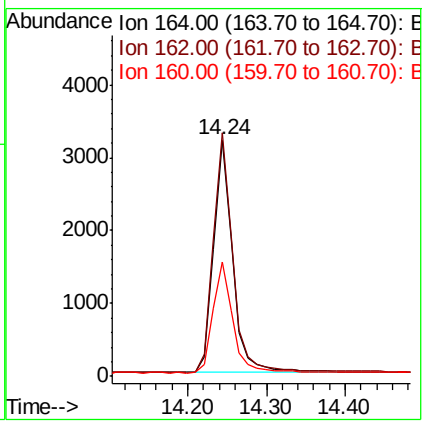


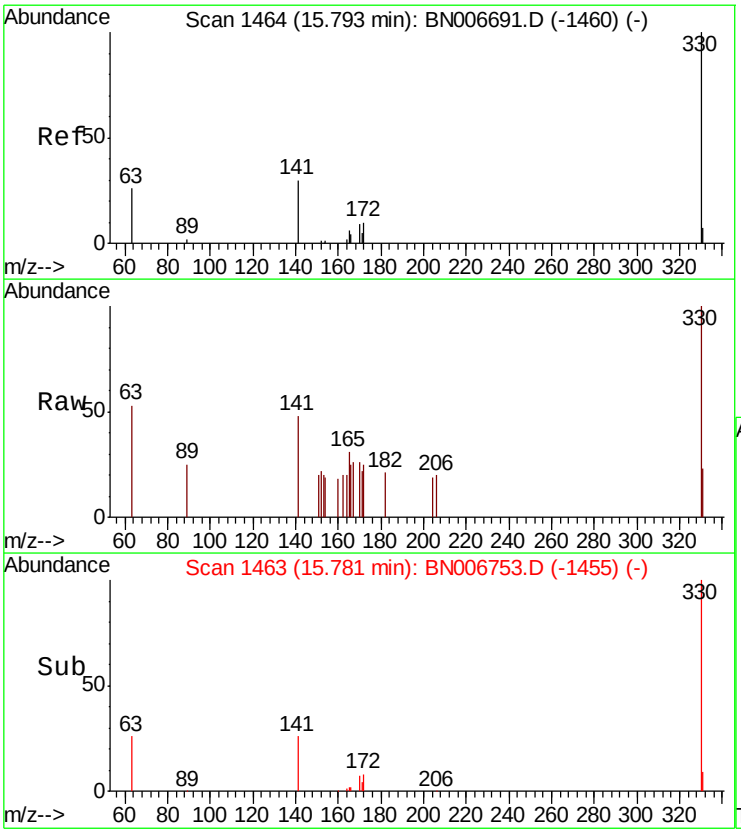
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:164 Resp: 5402

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.8	121.2
160	48.5	37.0	55.6

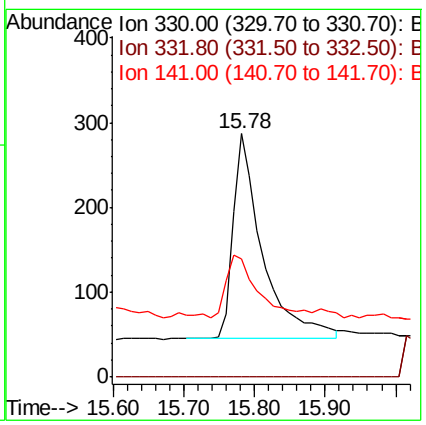


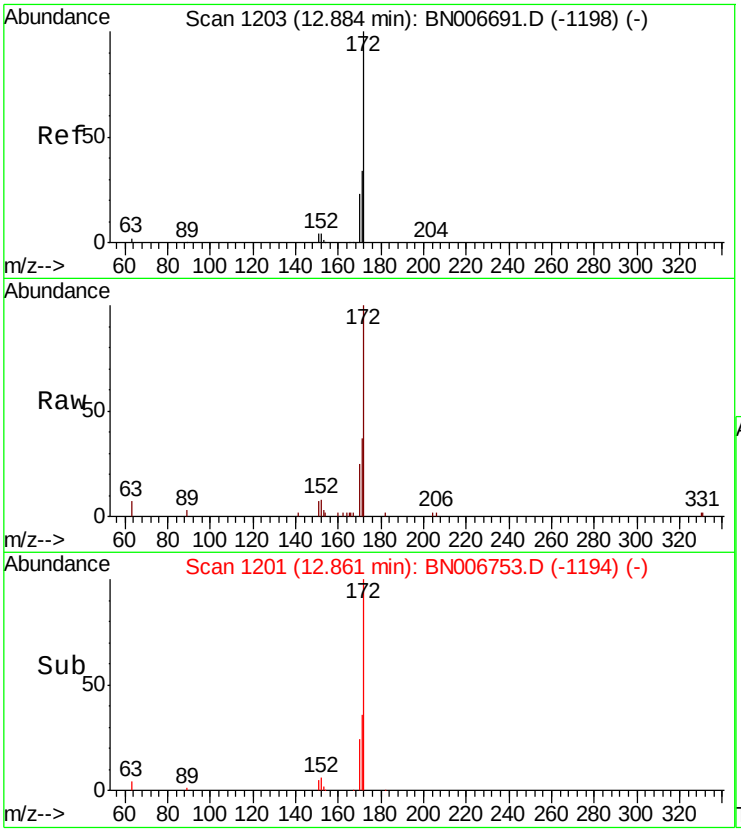


#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:330 Resp: 701

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.7	24.8	37.2



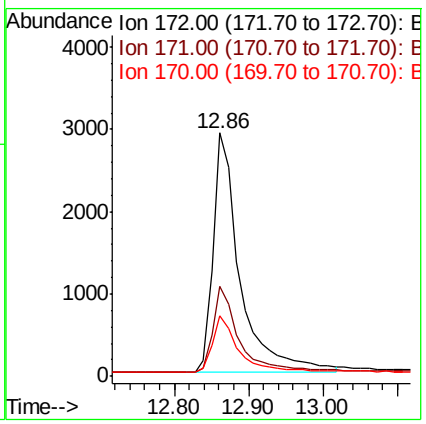


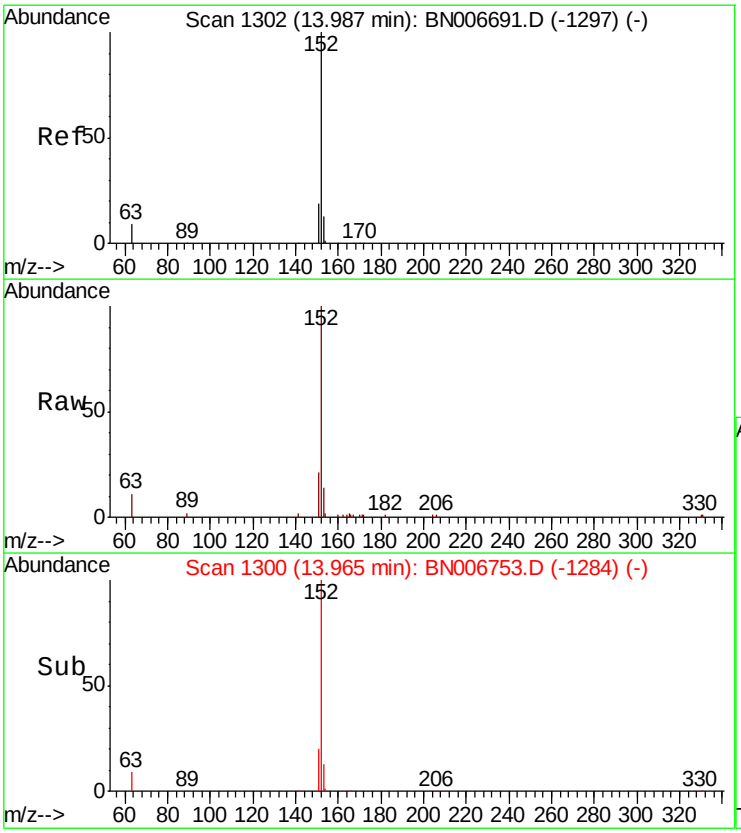
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:172 Resp: 7345

Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.8	41.6
170	24.9	18.9	28.3

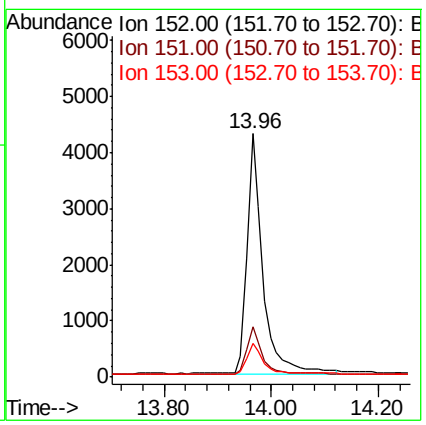


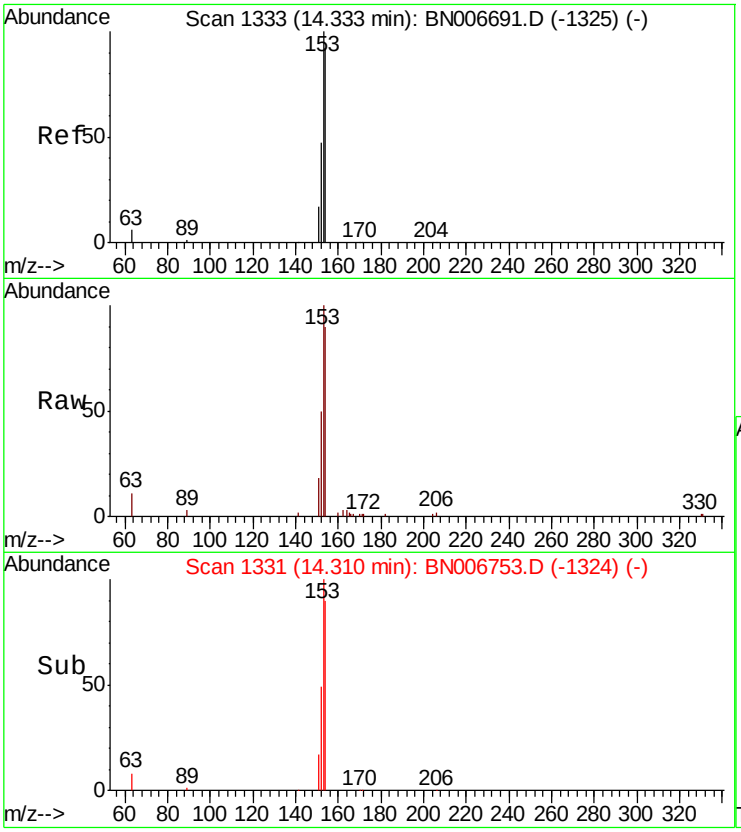


#16
Acenaphthylene
Concen: 0.325 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:152 Resp: 8745

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8



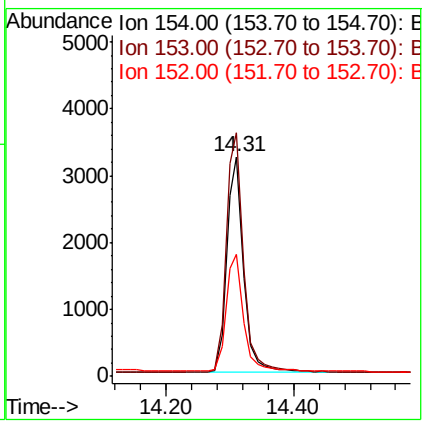


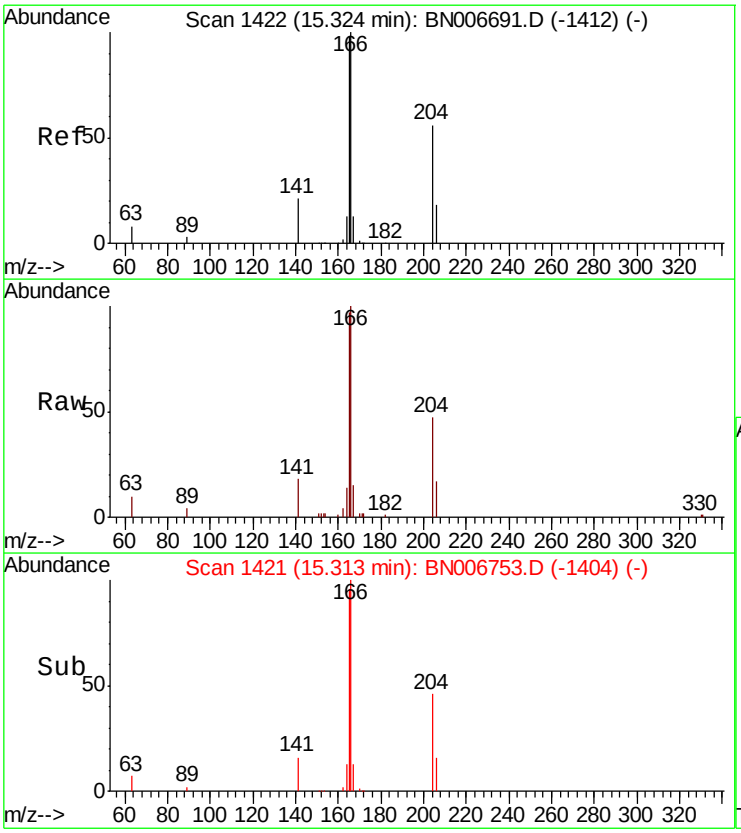
#17
Acenaphthene
Concen: 0.339 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:154 Resp: 5816

Ion	Ratio	Lower	Upper
154	100		
153	115.5	88.9	133.3
152	56.1	42.8	64.2

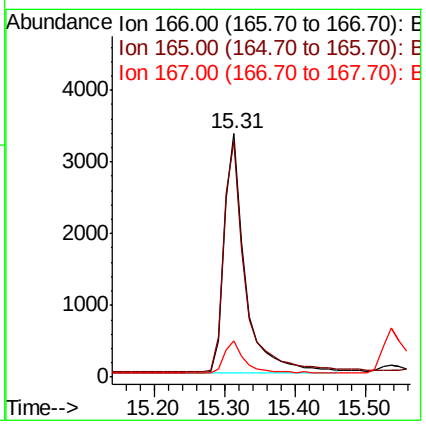


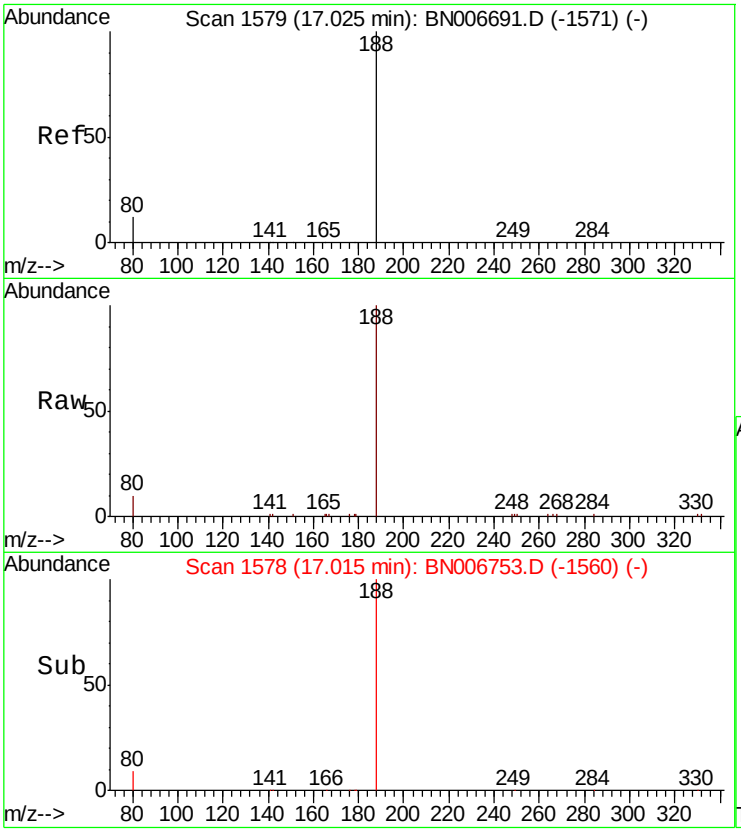


#18
Fluorene
Concen: 0.330 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:166 Resp: 7043

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.0	117.0
167	13.4	10.7	16.1



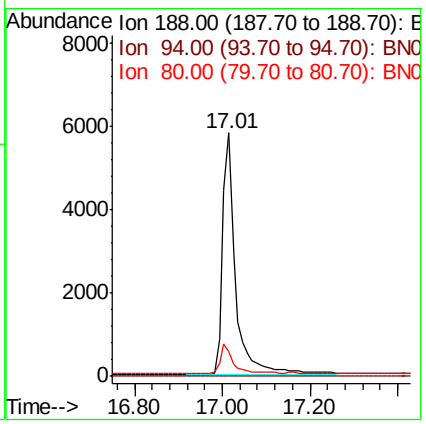


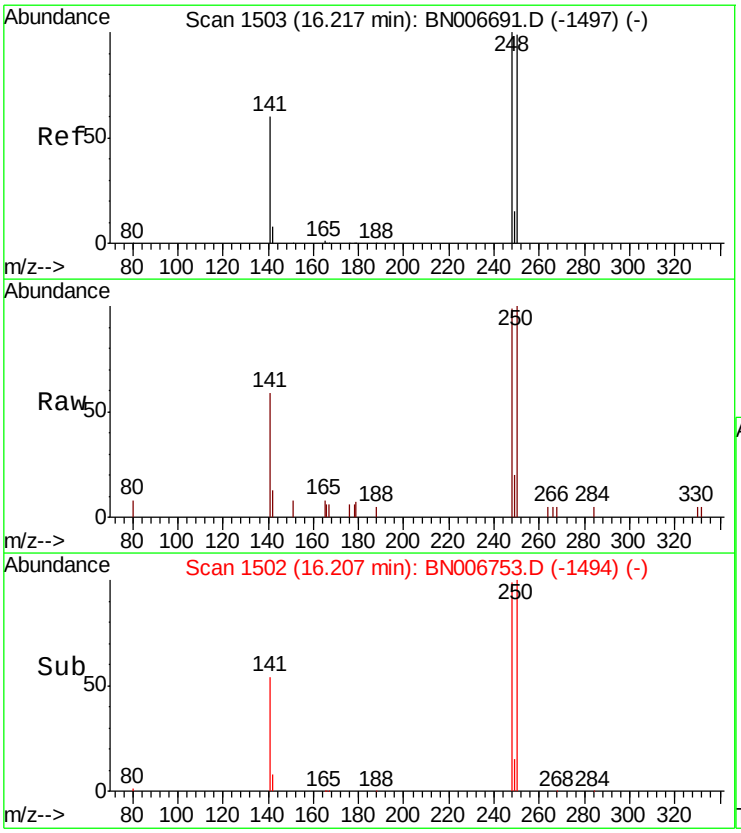
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:188 Resp: 11899

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	10.3	15.5

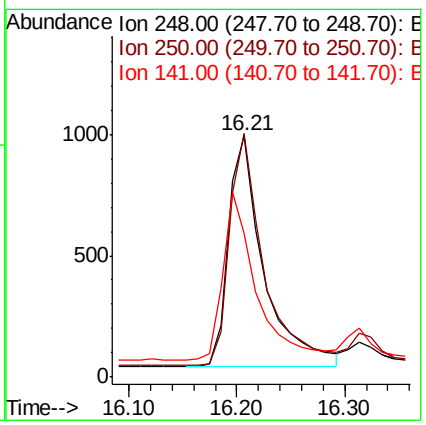


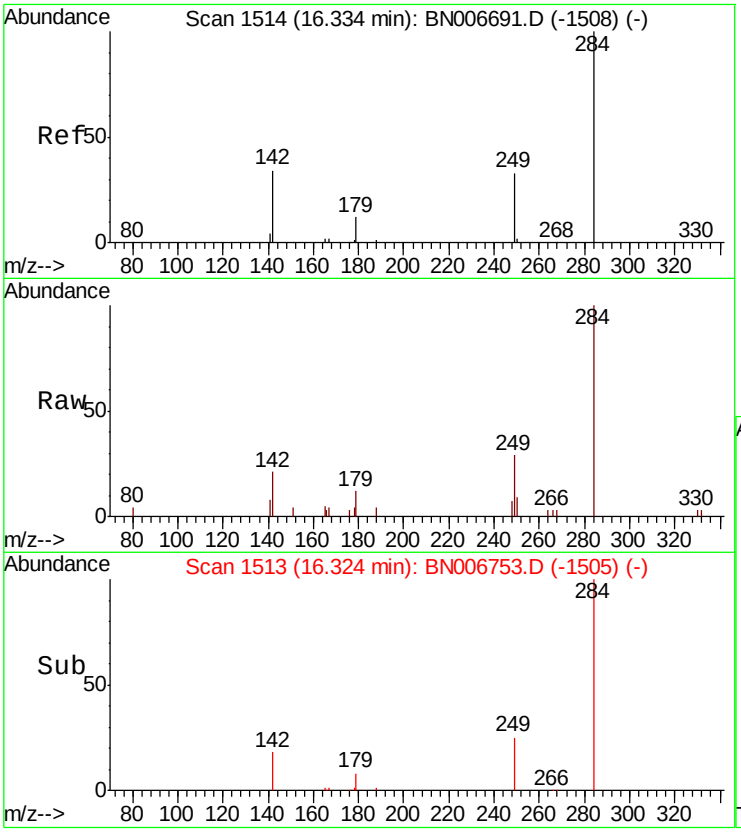


#20
4-Bromophenyl-phenylether
Concen: 0.307 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:248 Resp: 2153

Ion	Ratio	Lower	Upper
248	100		
250	100.8	79.0	118.6
141	59.4	50.2	75.4



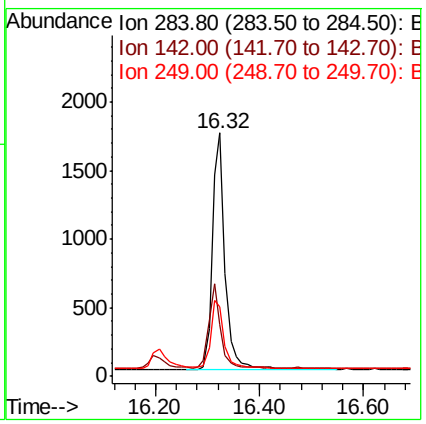


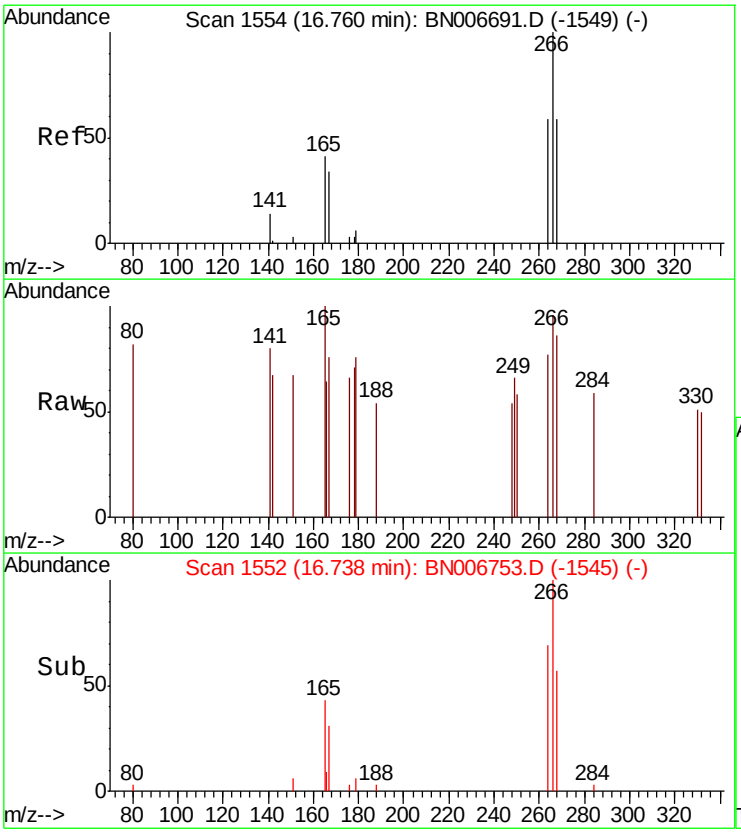
#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:284 Resp: 2975

Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.9	40.3
249	30.1	24.4	36.6

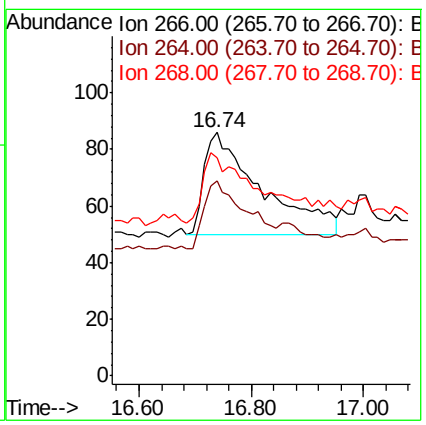


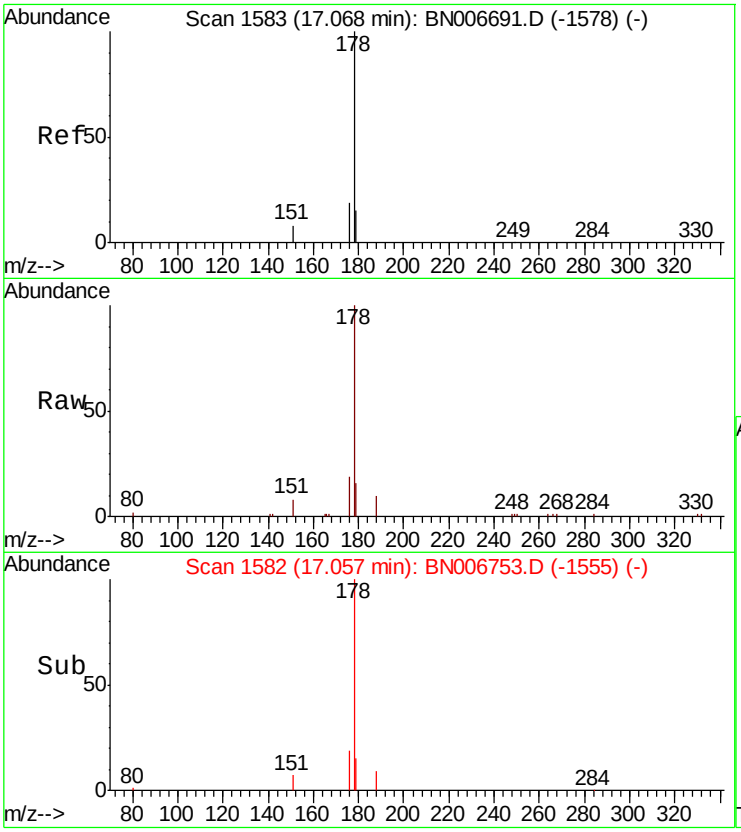


#22
Pentachlorophenol
Concen: 0.337 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:266 Resp: 254

Ion	Ratio	Lower	Upper
266	100		
264	80.2	57.6	86.4
268	89.5	66.6	99.8



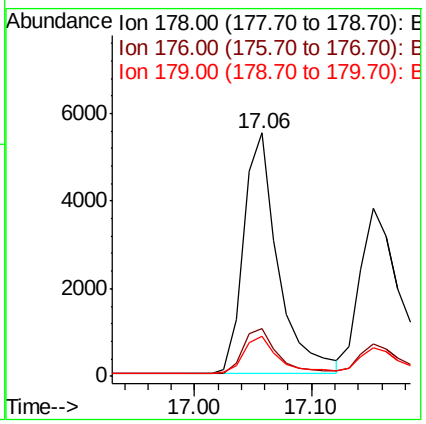


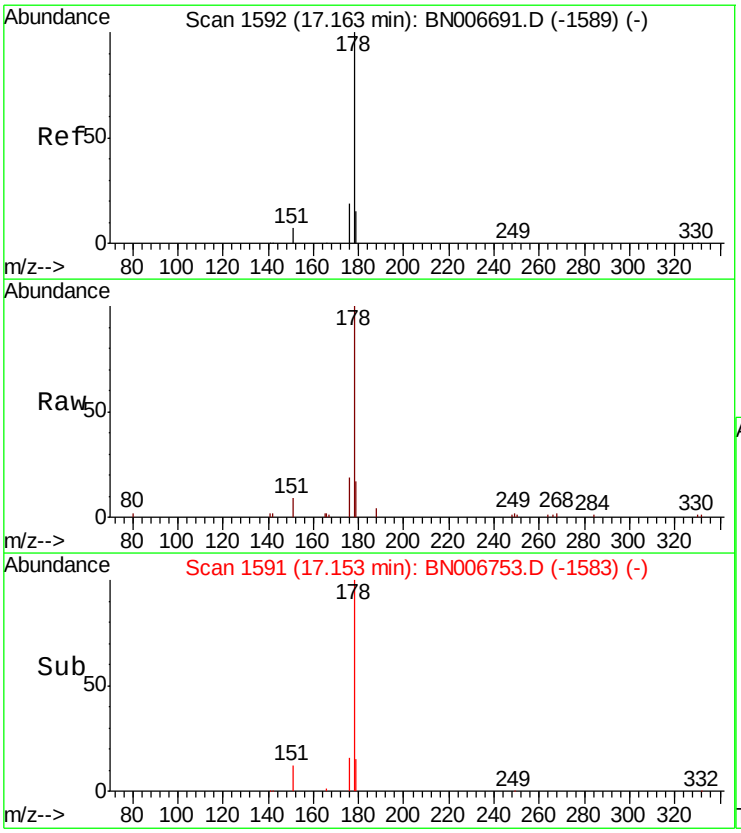
#23
Phenanthrene
Concen: 0.328 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:178 Resp: 11263

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.9	12.4	18.6

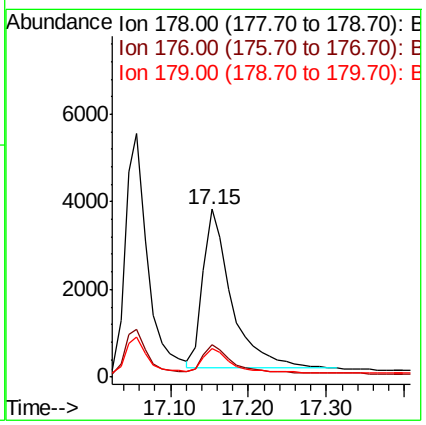


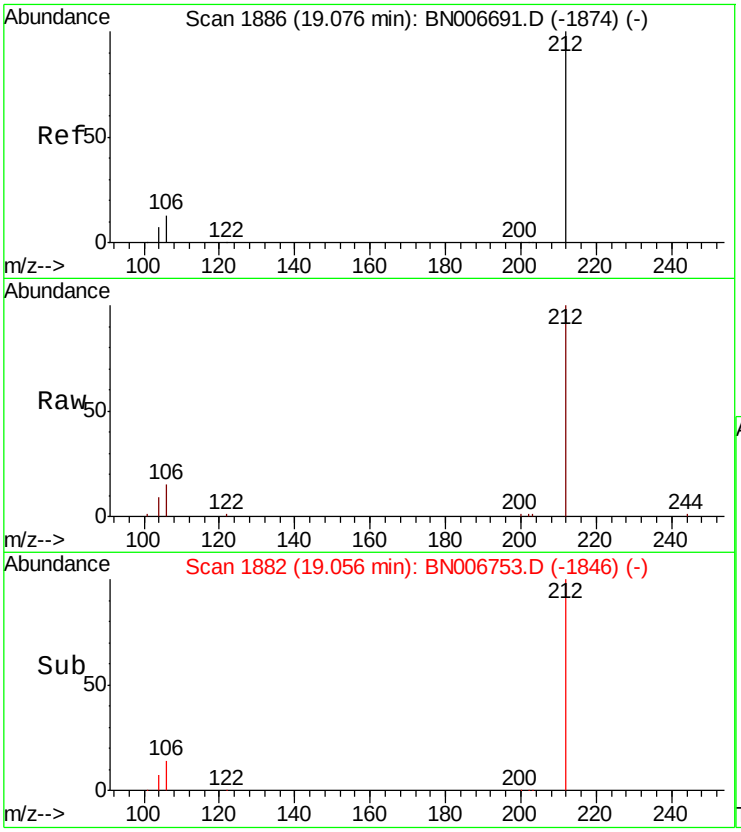


#24
Anthracene
Concen: 0.301 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:178 Resp: 9342

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.8	11.9	17.9



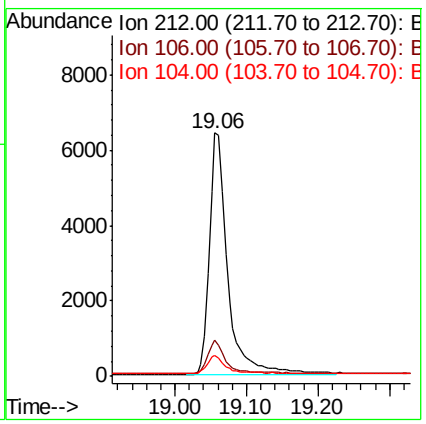


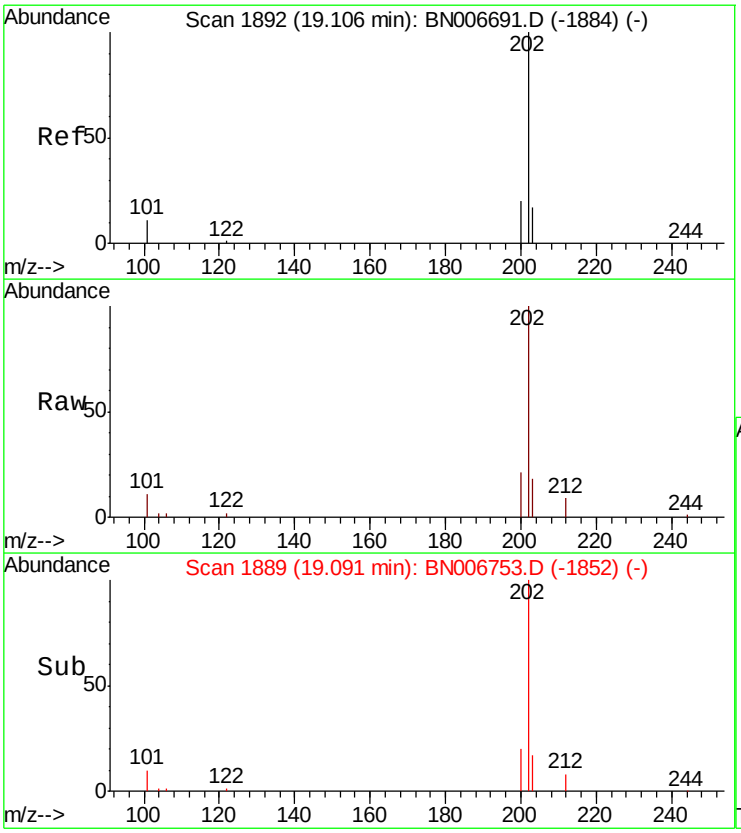
#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:212 Resp: 11468

Ion	Ratio	Lower	Upper
212	100		
106	13.5	11.0	16.6
104	7.1	6.1	9.1

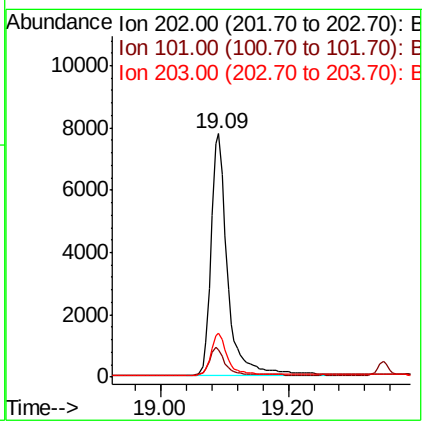


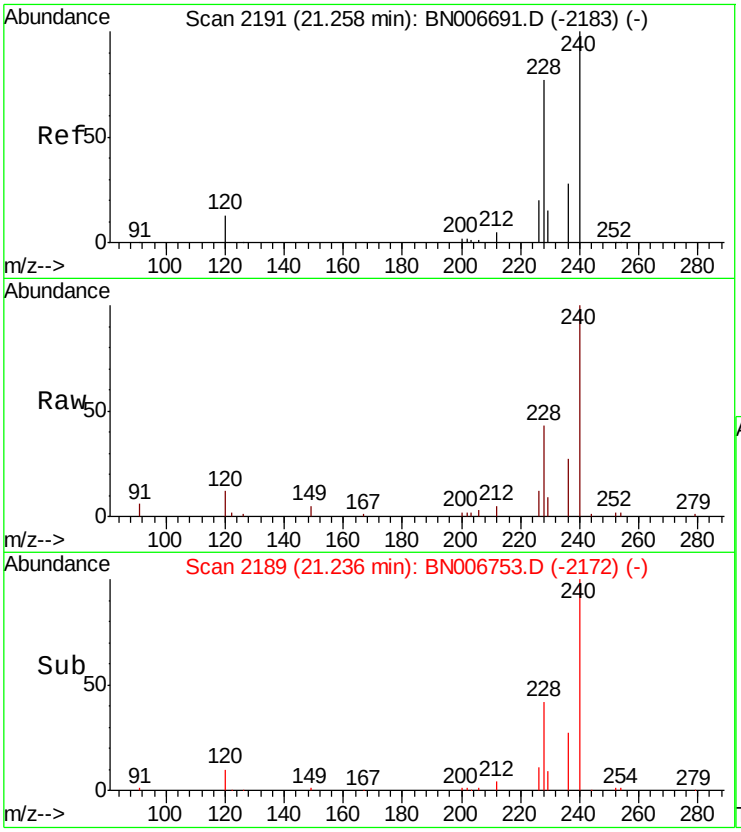


#26
Fluoranthene
Concen: 0.346 ng
RT: 19.09 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:202 Resp: 13953

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.7	13.1
203	17.0	13.8	20.6



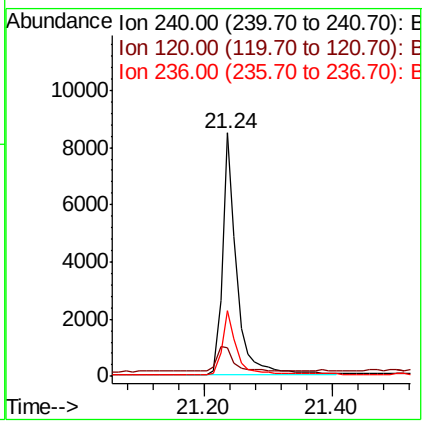


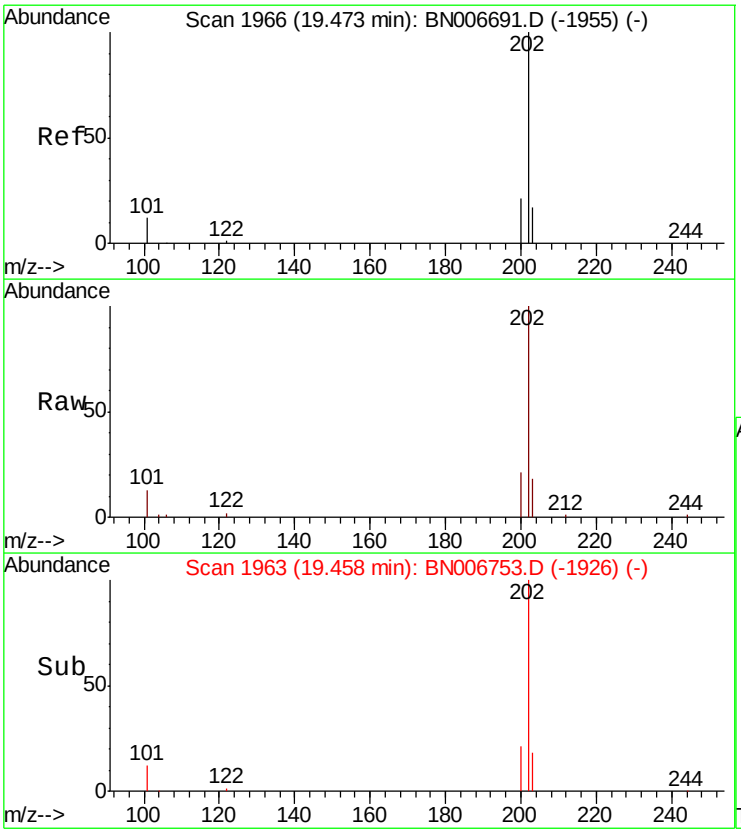
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:240 Resp: 12999

Ion	Ratio	Lower	Upper
240	100		
120	11.6	12.9	19.3#
236	27.1	23.2	34.8

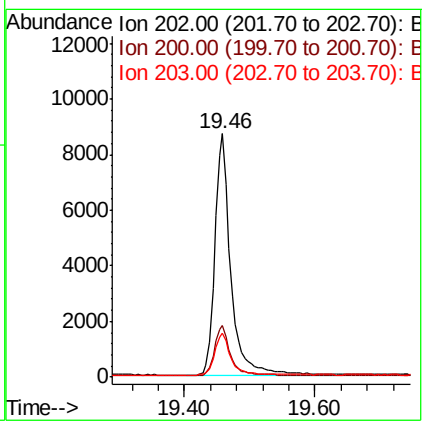


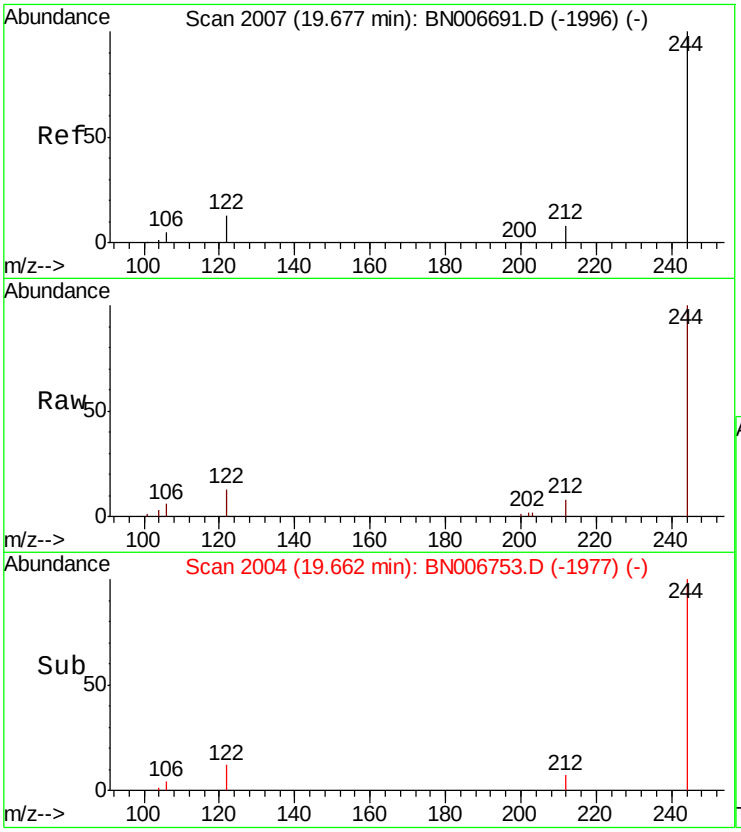


#28
Pyrene
Concen: 0.282 ng
RT: 19.46 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:202 Resp: 14679

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.9	14.2	21.2



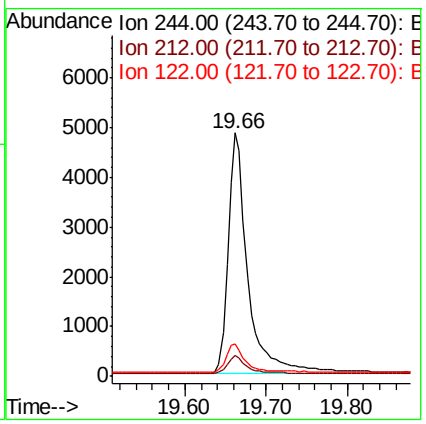


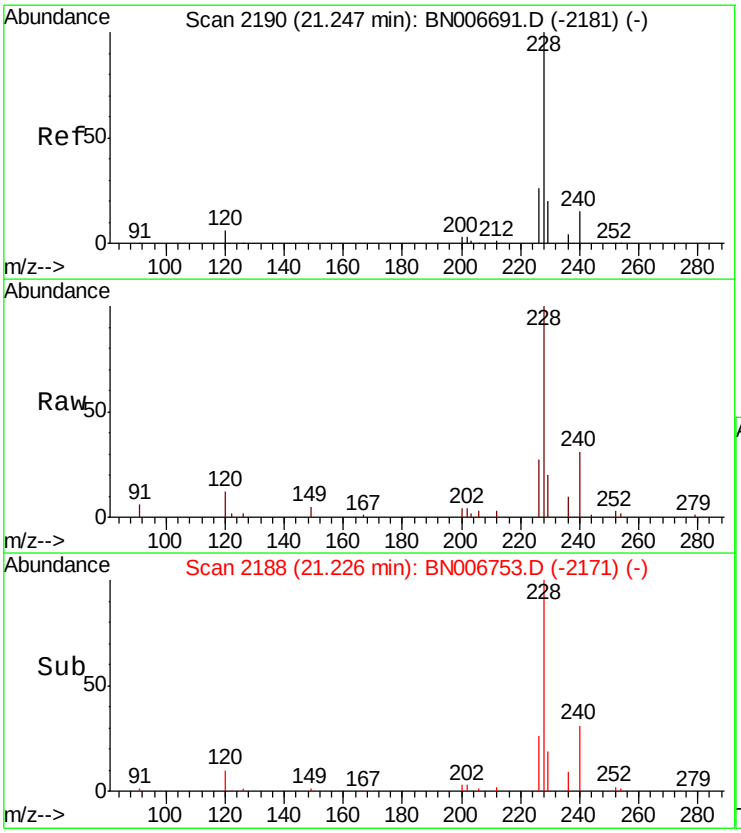
#29
Terphenyl-d14
Concen: 0.274 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:244 Resp: 8211

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	13.4	11.5	17.3

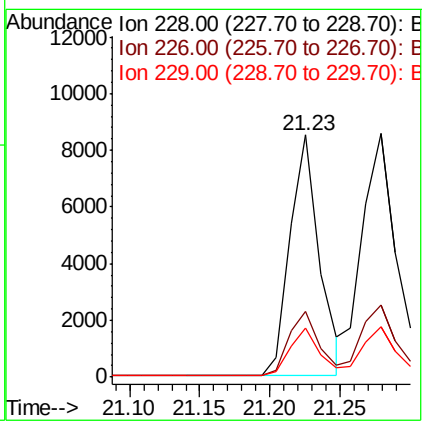


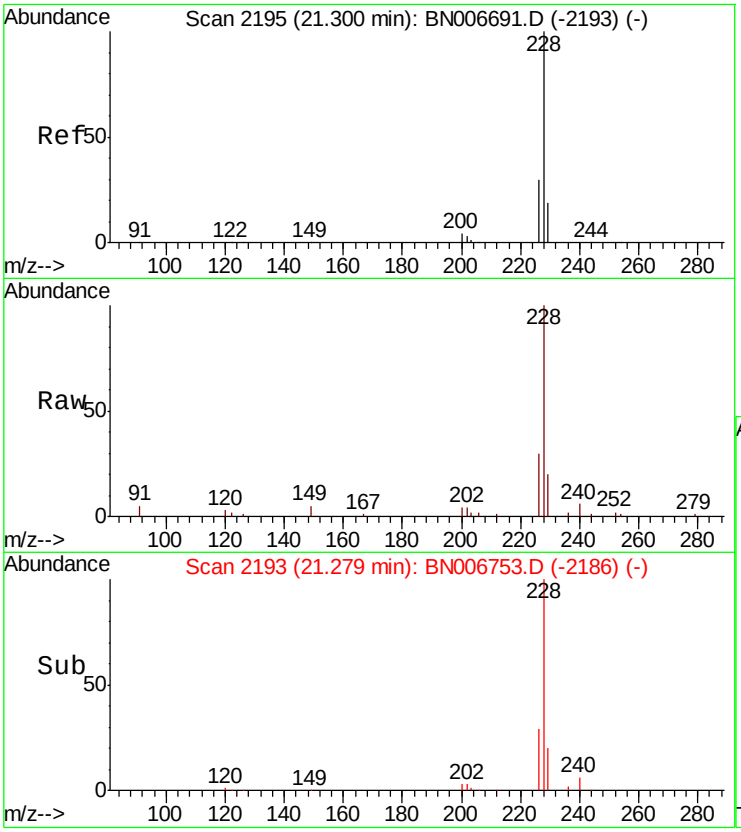


#30
Benzo(a)anthracene
Concen: 0.277 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:228 Resp: 12402

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	20.1	16.2	24.4



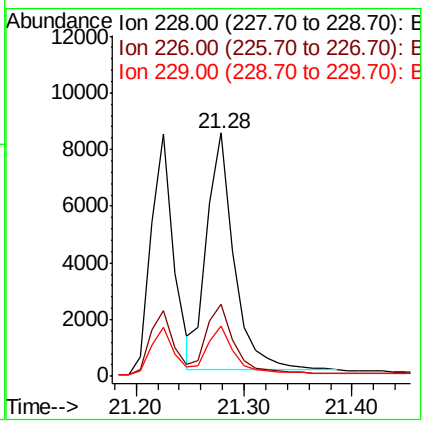


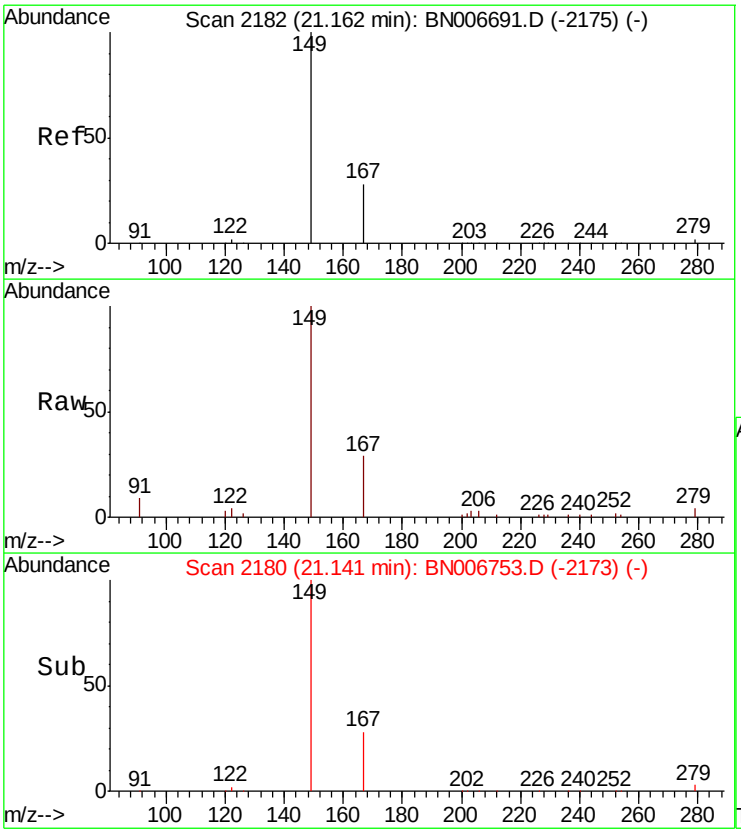
#31
Chrysene
Concen: 0.316 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:228 Resp: 14603

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	20.5	15.8	23.6

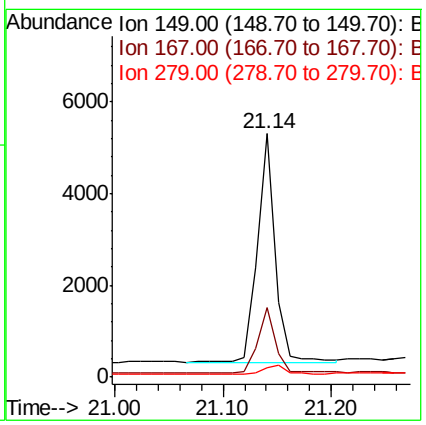


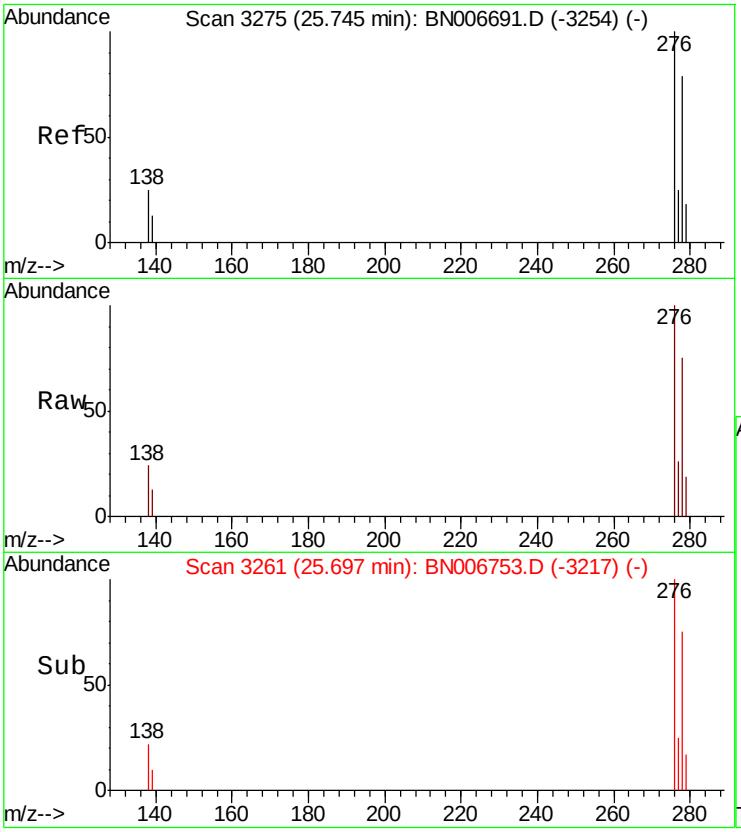


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:149 Resp: 5671

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.9	34.3
279	4.2	3.2	4.8



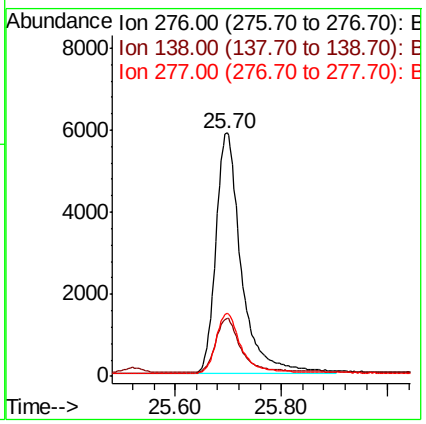


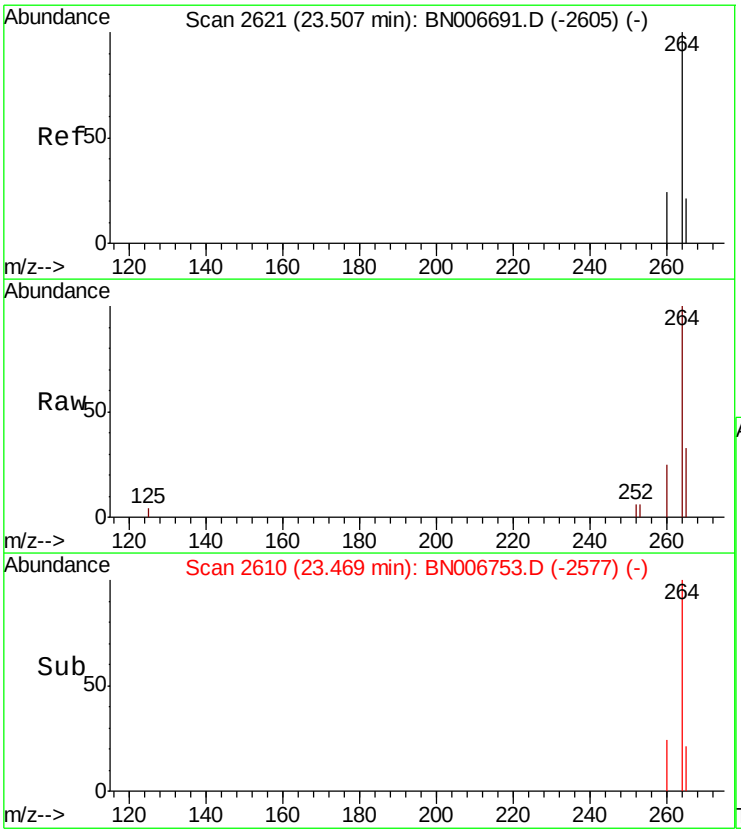
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.70 min Scan# 3261
Delta R.T. -0.05 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:276 Resp: 19752

Ion	Ratio	Lower	Upper
276	100		
138	22.0	19.5	29.3
277	24.7	19.7	29.5

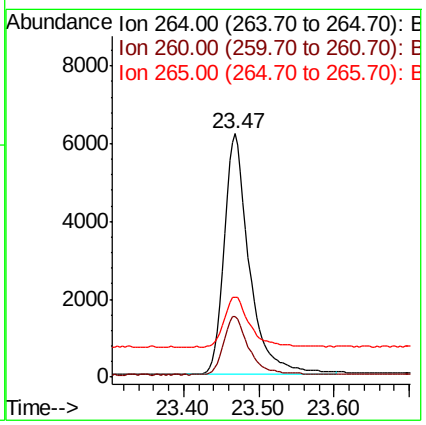


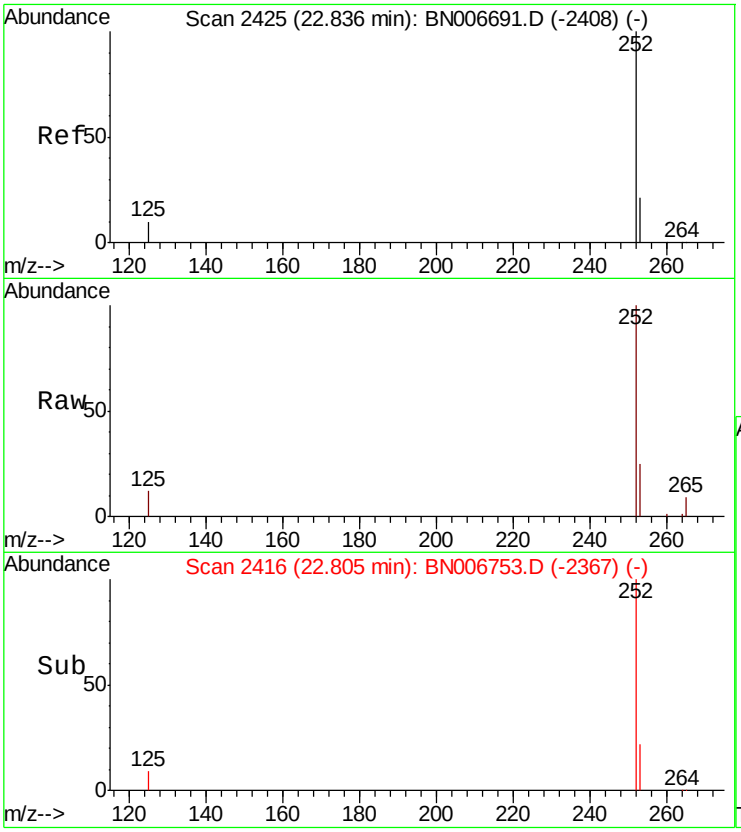


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2610
Delta R.T. -0.04 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:264 Resp: 14223

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	33.0	33.7	50.5#



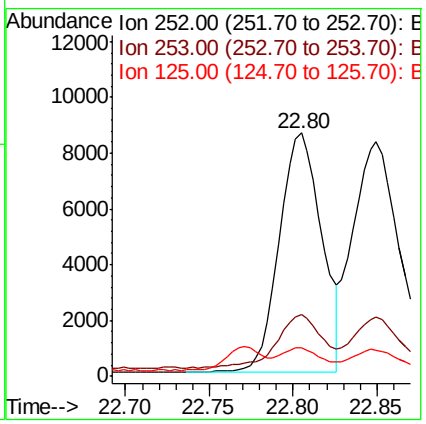


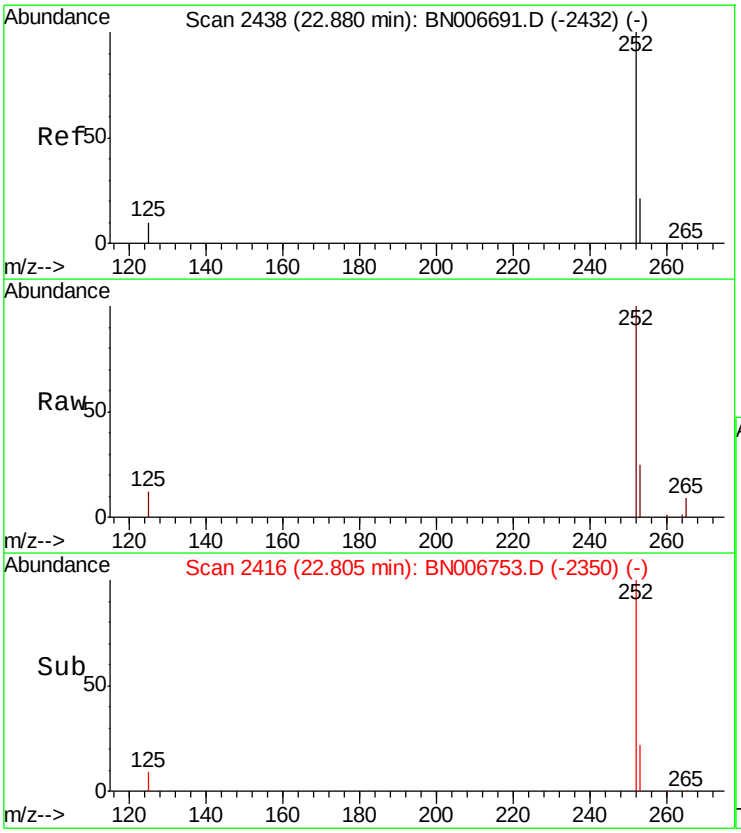
#35
Benzo(b)fluoranthene
Concen: 0.329 ng
RT: 22.80 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:252 Resp: 15022

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	11.7	11.5	17.3

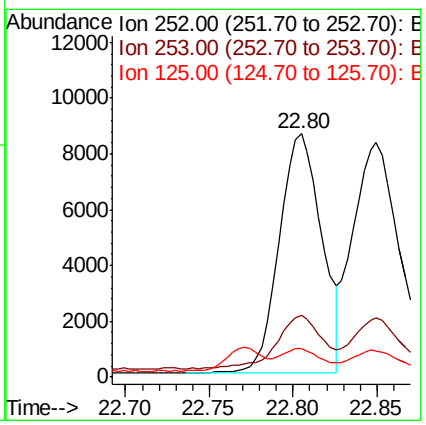


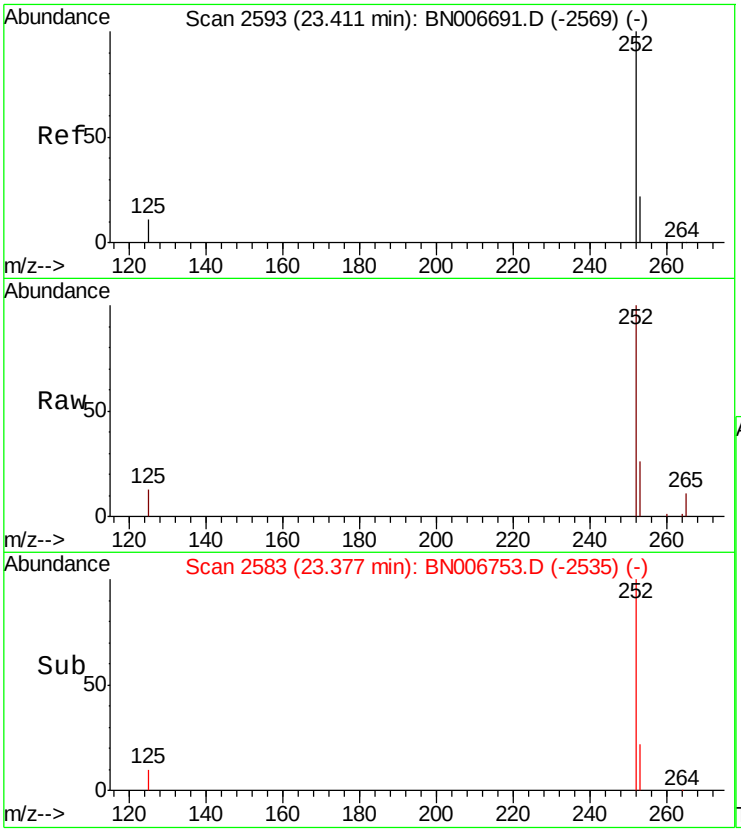


#36
Benzo(k)fluoranthene
Concen: 0.303 ng
RT: 22.80 min Scan# 2416
Delta R.T. -0.08 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:252 Resp: 15022

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.1	30.1
125	11.7	11.4	17.0



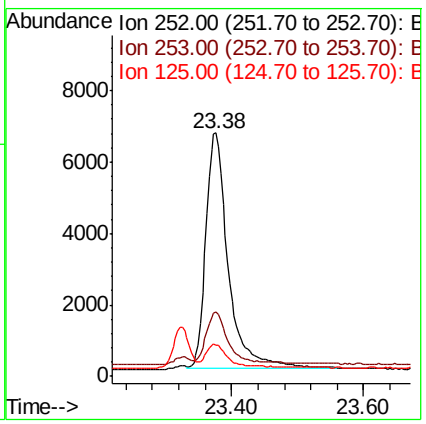


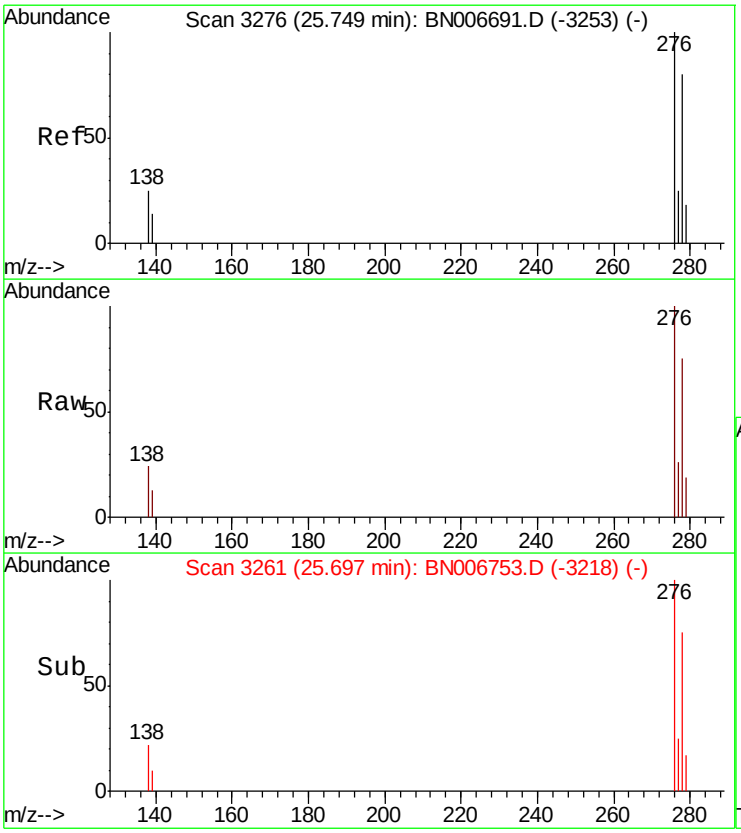
#37
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.38 min Scan# 2583
Delta R.T. -0.03 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:252 Resp: 15250

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.4	32.2
125	13.0	13.3	19.9#

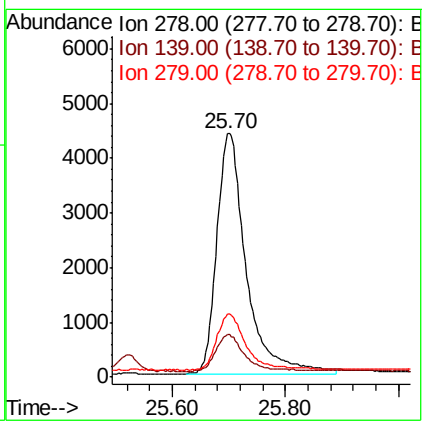


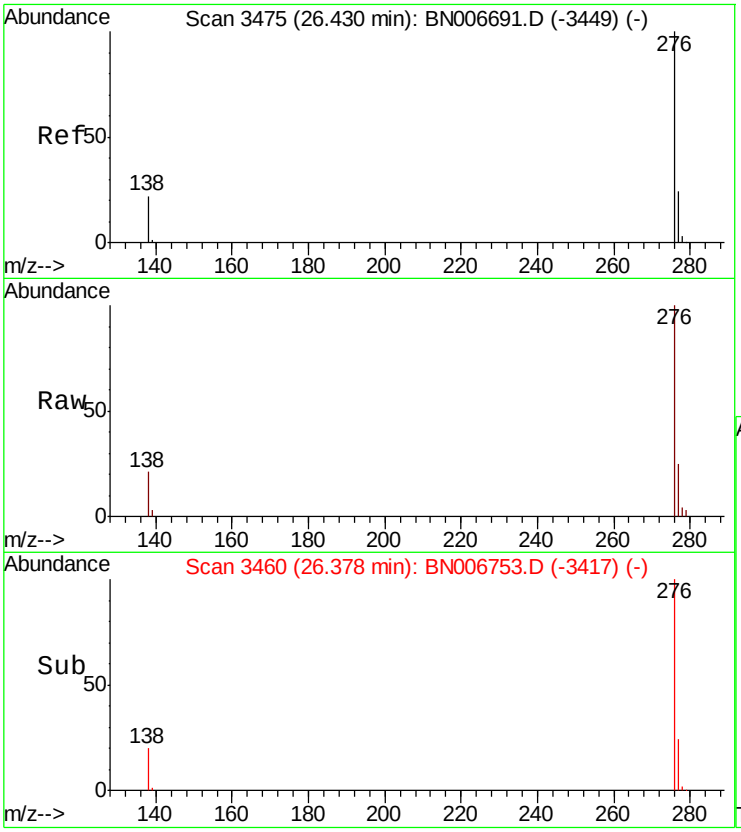


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 25.70 min Scan# 3261
Delta R.T. -0.05 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Tgt Ion:278 Resp: 15821

Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.2	24.4
279	25.7	20.7	31.1





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 26.38 min Scan# 3460
Delta R.T. -0.05 min
Lab File: BN006753.D
Acq: 08 Jul 2019 12:02

Instrument :
BNA_N
ClientSampleId :
PB121176BS

Tgt Ion:276 Resp: 17221

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.6	30.8
138	21.4	19.7	29.5