Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007601.D
Acq On : 12 Sep 2019 10:25
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Sep 12 13:11:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:56:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7882	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	31006	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	16051	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	37249	0.40	ng		0.00
27) Chrysene-d12	21.28	240	35391	0.40	ng		0.00
34) Perylene-d12	23.51	264	36689	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	3207	0.13	ng		0.00
5) Phenol-d6	6.90	99	4940	0.13	ng		0.00
8) Nitrobenzene-d5	8.86	82	2360	0.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	5205	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	659	0.11	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	7217	0.11	ng		0.00
25) Fluoranthene-d10	19.12	212	11141	0.09	ng		0.00
29) Terphenyl-d14	19.73	244	9809	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	868	0.104	ng		93
3) n-Nitrosodimethylamine	3.03	42	2816	0.598	ng	#	1
6) bis(2-Chloroethyl)ether	7.17	93	2004	0.129	ng		98
9) Naphthalene	10.54	128	8845	0.101	ng		97
10) Hexachlorobutadiene	10.85	225	1808	0.103	ng	#	100
12) 2-Methylnaphthalene	12.16	142	5875	0.096	ng		98
16) Acenaphthylene	14.06	152	7965	0.092	ng		100
17) Acenaphthene	14.40	154	5371	0.099	ng		98
18) Fluorene	15.39	166	6648	0.093	ng		99
20) 4-Bromophenyl-phenylether	16.28	248	2185	0.099	ng		94
21) Hexachlorobenzene	16.40	284	2448	0.106	ng		98
22) Pentachlorophenol	16.74	266	362	0.056	ng	#	87
23) Phenanthrene	17.12	178	11335	0.099	ng		99
24) Anthracene	17.22	178	9590	0.090	ng		99
26) Fluoranthene	19.15	202	12830	0.092	ng		100
28) Pyrene	19.51	202	13222	0.104	ng		100
30) Benzo(a)anthracene	21.26	228	12165	0.096	ng		98
31) Chrysene	21.31	228	13233	0.103	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	4703	0.109	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	14301	0.105	ng		99
35) Benzo(b)fluoranthene	22.84	252	12367	0.095	ng	#	88
36) Benzo(k)fluoranthene	22.89	252	13276	0.103	ng	#	83
37) Benzo(a)pyrene	23.41	252	11051	0.095	ng	#	84
38) Dibenzo(a,h)anthracene	25.75	278	11828	0.102	ng	#	91
39) Benzo(g,h,i)perylene	26.40	276	11750	0.100	ng		94

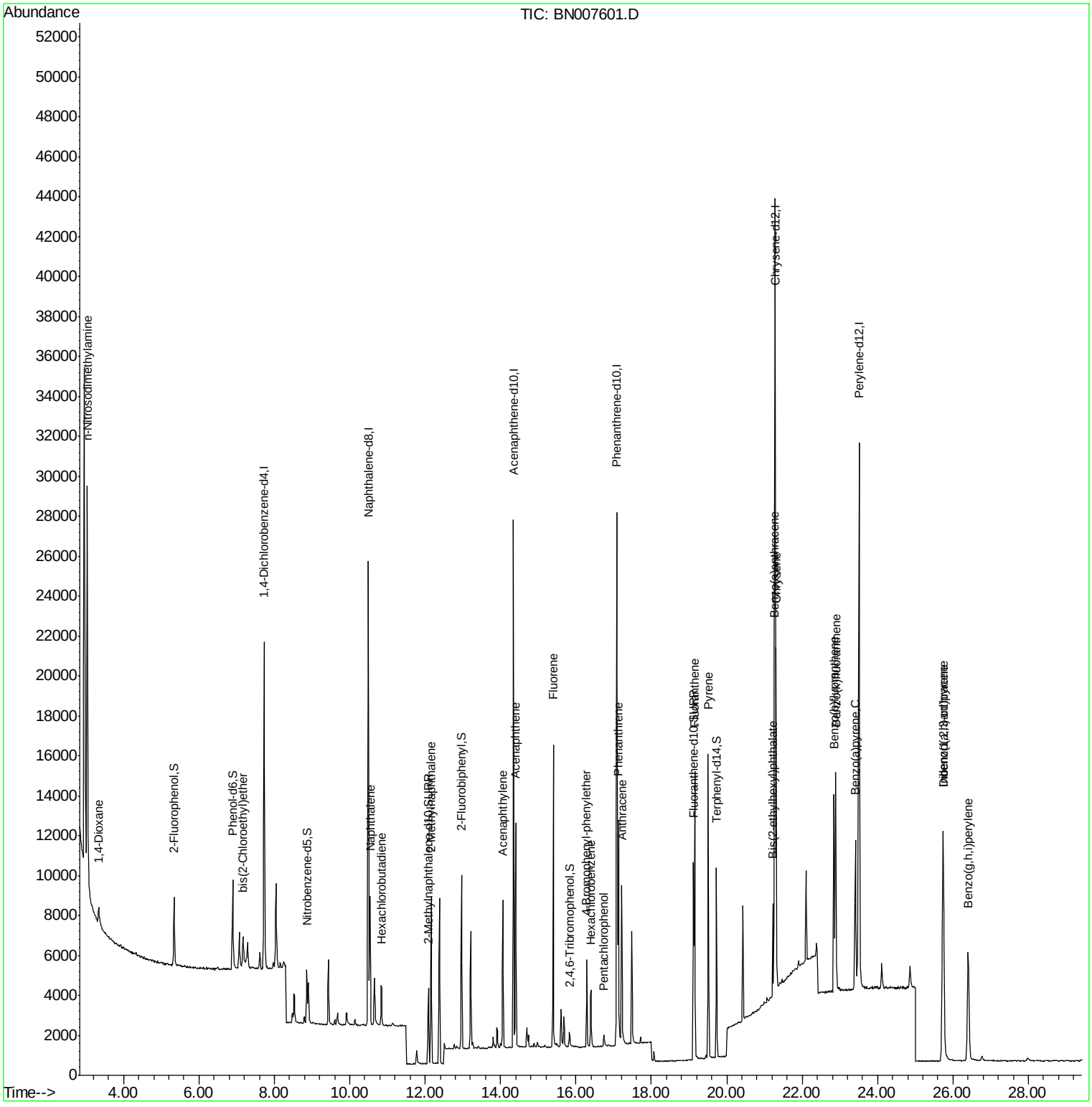
(#) = qualifier out of range (m) = manual integration (+) = signals summed

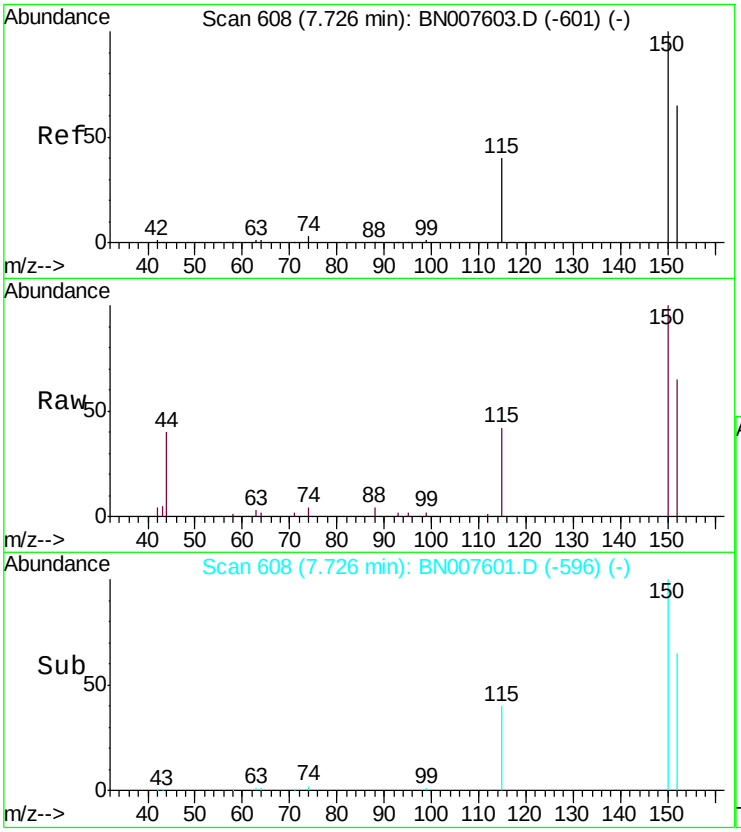
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007601.D
Acq On : 12 Sep 2019 10:25
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 12 13:11:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:56:10 2019
Response via : Initial Calibration



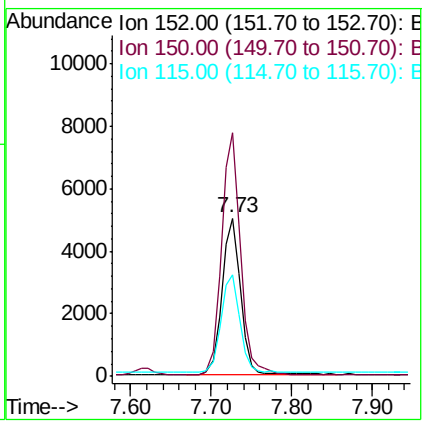


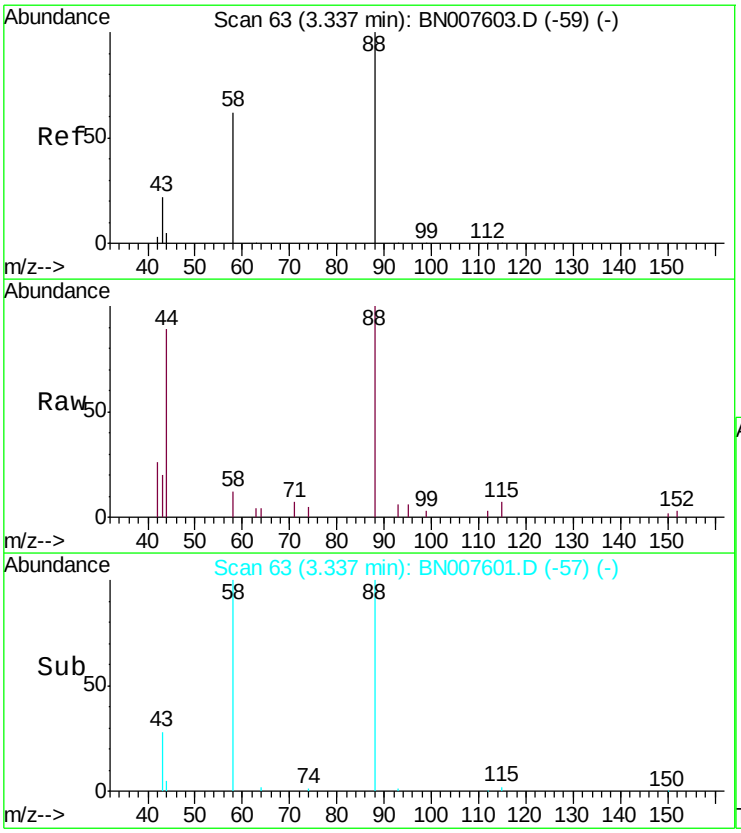
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 7882

Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.4	183.6
115	63.8	50.4	75.6

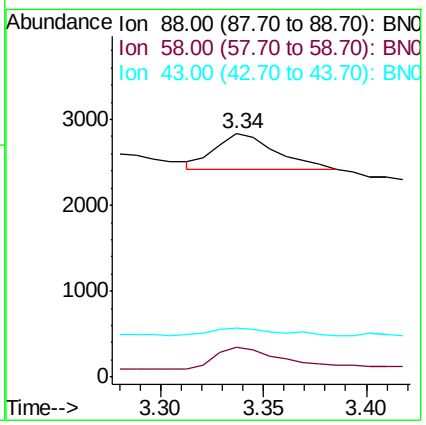


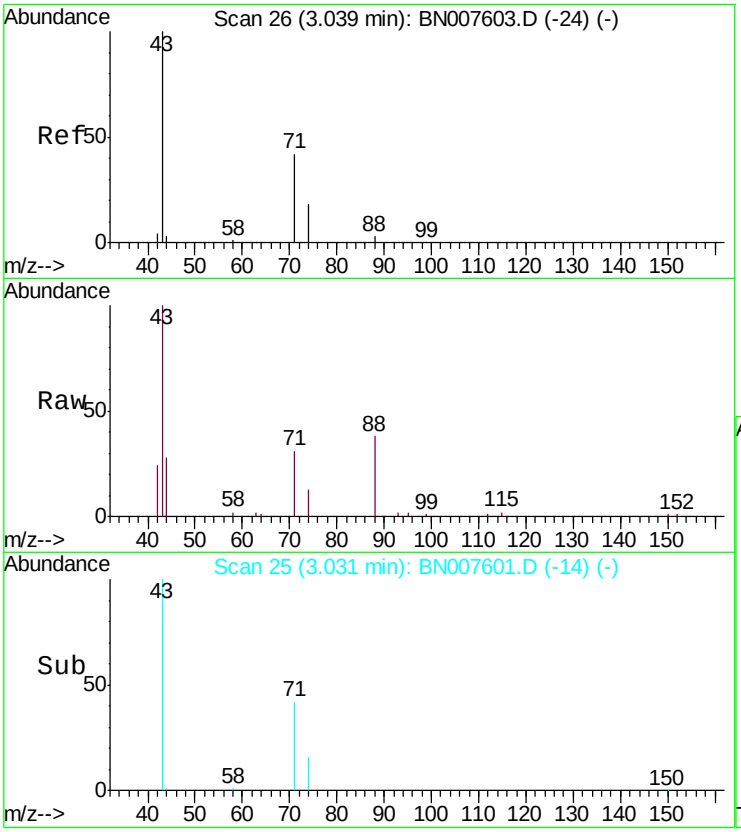


#2
1,4-Dioxane
Concen: 0.104 ng
RT: 3.34 min Scan# 63
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion: 88 Resp: 868

Ion	Ratio	Lower	Upper
88	100		
58	65.4	57.0	85.4
43	21.5	20.0	30.0



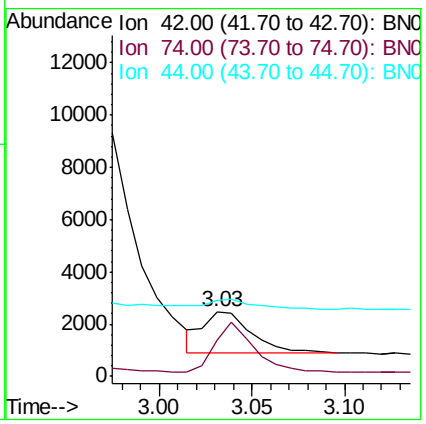


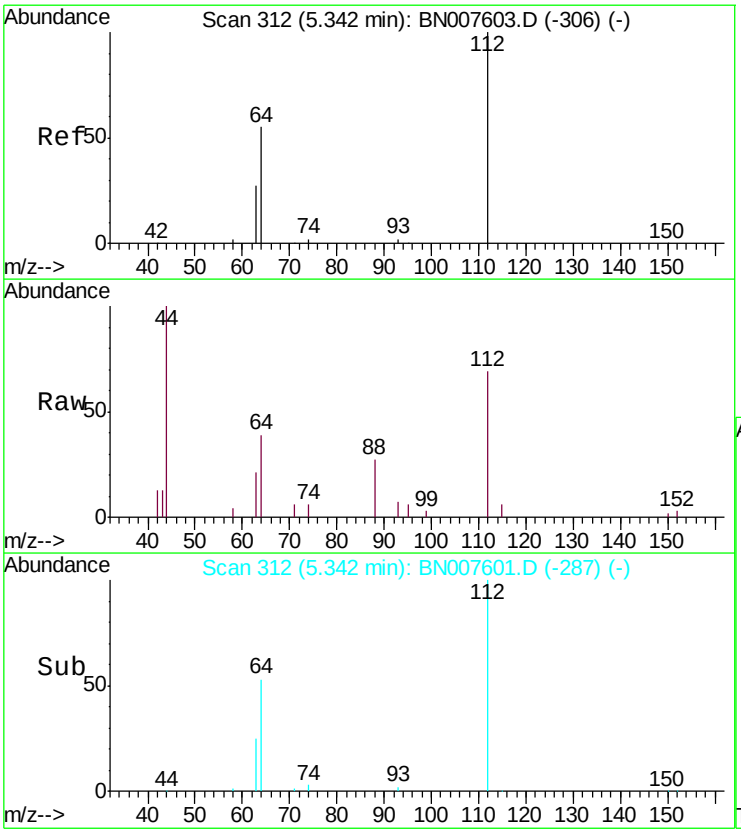
#3
n-Nitrosodimethylamine
Concen: 0.598 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 2816

Ion	Ratio	Lower	Upper
42	100		
74	99.2	9.8	14.8#
44	24.7	0.0	0.0#

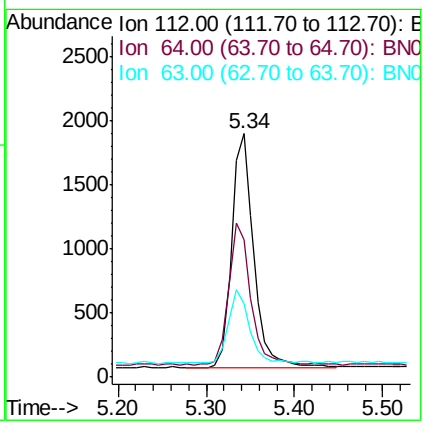


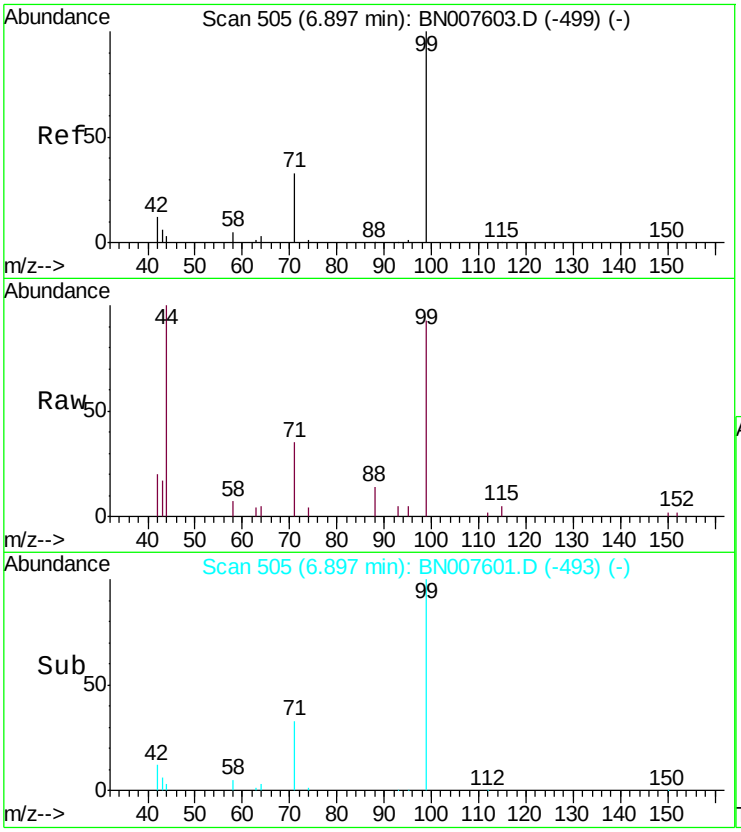


#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.34 min Scan# 312
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:112 Resp: 3207

Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.5	72.7
63	29.3	24.4	36.6



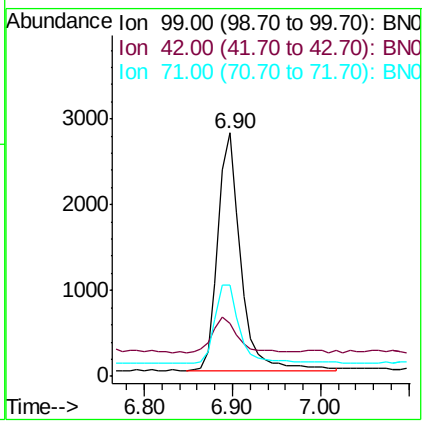


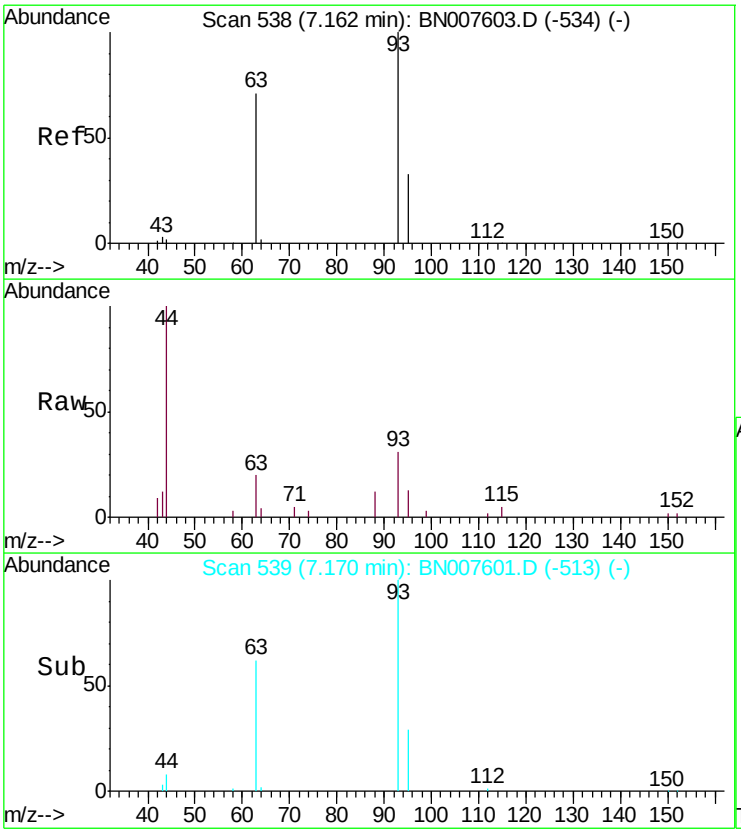
#5
Phenol-d6
Concen: 0.134 ng
RT: 6.90 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 4940

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.8	17.6
71	35.9	28.0	42.0

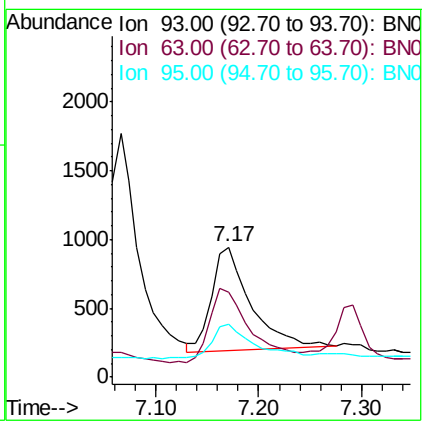


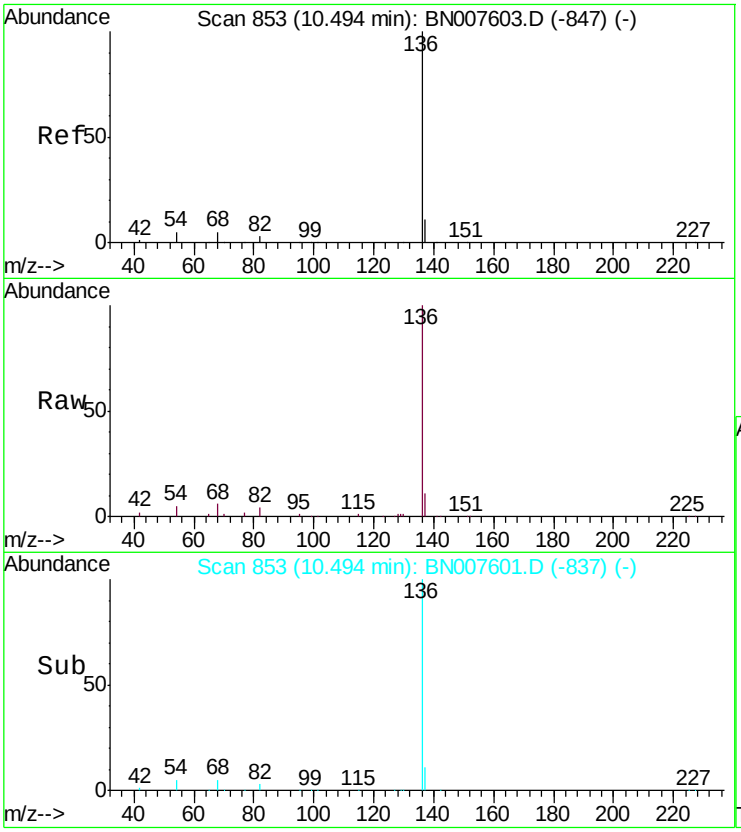


#6
bis(2-Chloroethyl)ether
Concen: 0.129 ng
RT: 7.17 min Scan# 539
Delta R.T. 0.01 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion: 93 Resp: 2004

Ion	Ratio	Lower	Upper
93	100		
63	74.6	61.2	91.8
95	34.7	27.2	40.8



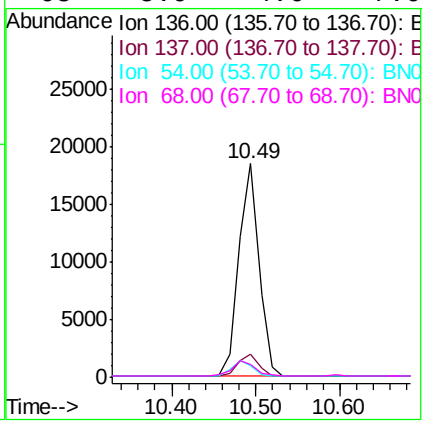


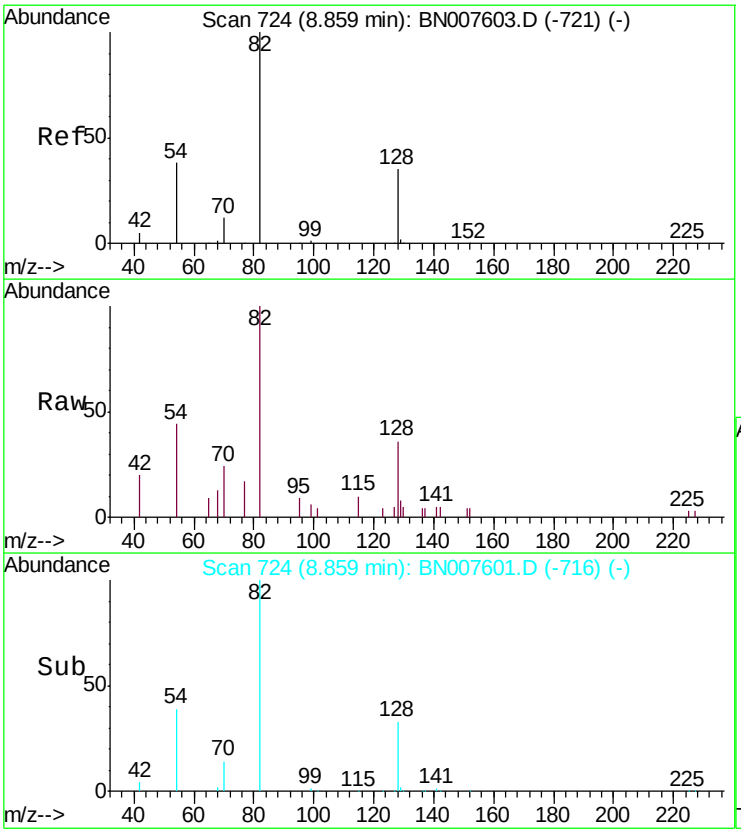
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 31006

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.3	4.2	6.4
68	5.9	4.6	7.0

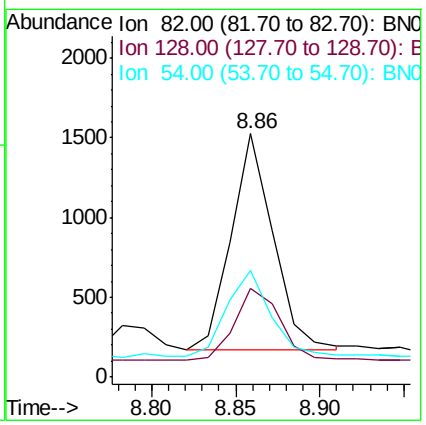


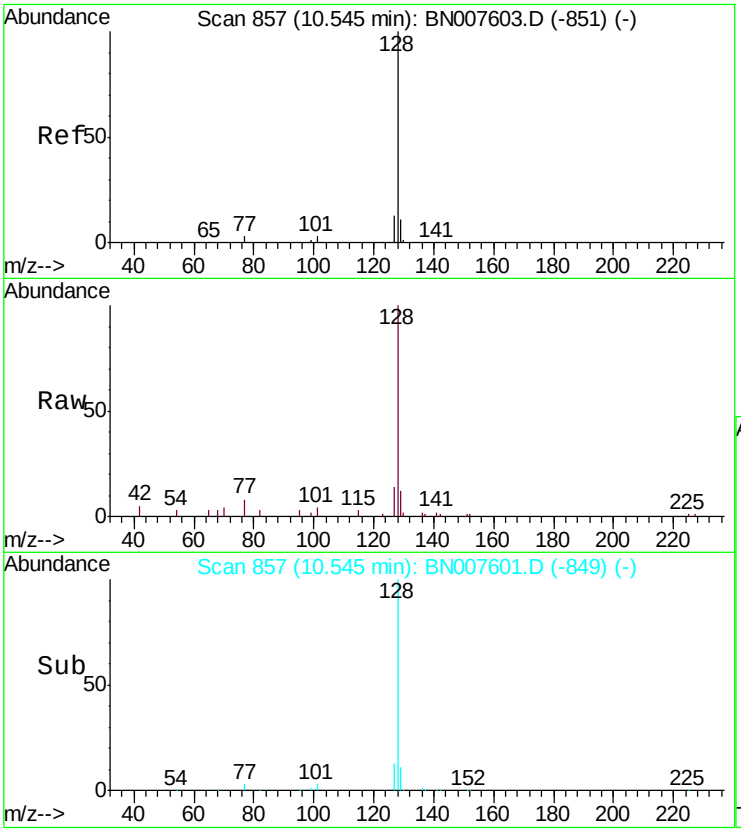


#8
Nitrobenzene-d5
Concen: 0.125 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion: 82 Resp: 2360

Ion	Ratio	Lower	Upper
82	100		
128	36.3	27.9	41.9
54	43.5	30.9	46.3



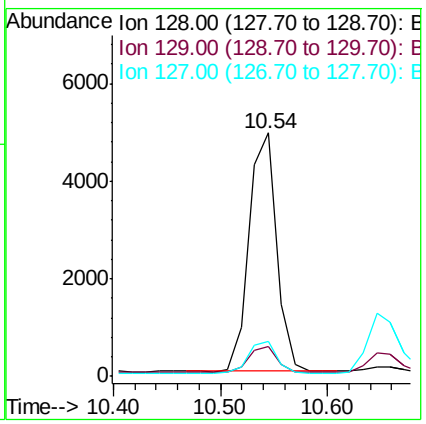


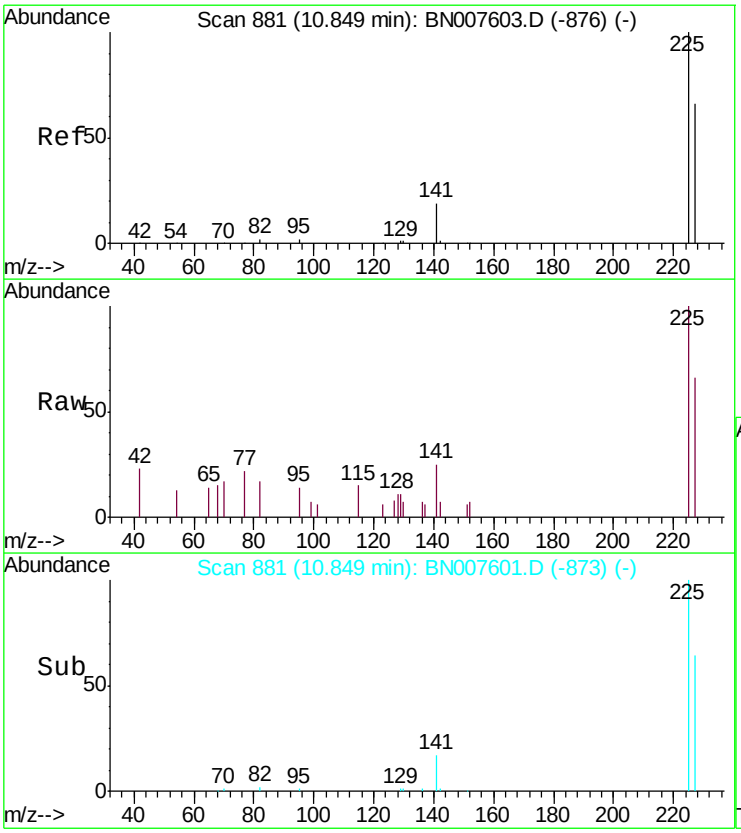
#9
Naphthalene
Concen: 0.101 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 8845

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.4
127	14.1	10.4	15.6

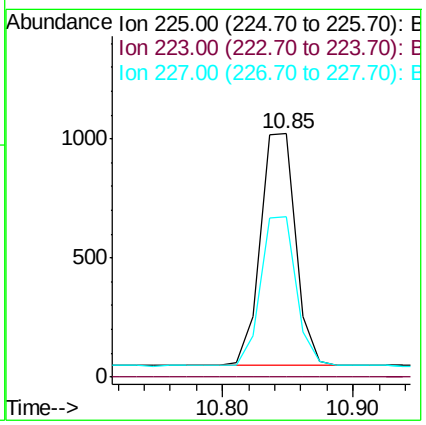


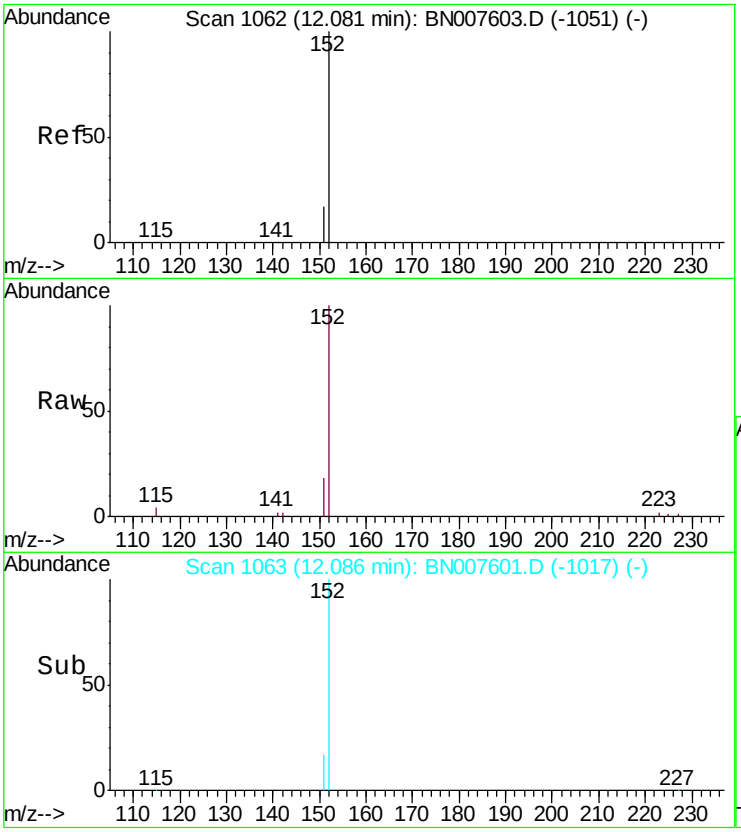


#10
Hexachlorobutadiene
Concen: 0.103 ng
RT: 10.85 min Scan# 881
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:225 Resp: 1808

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.3	76.9



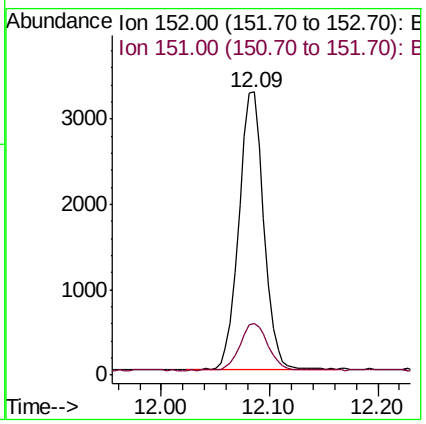


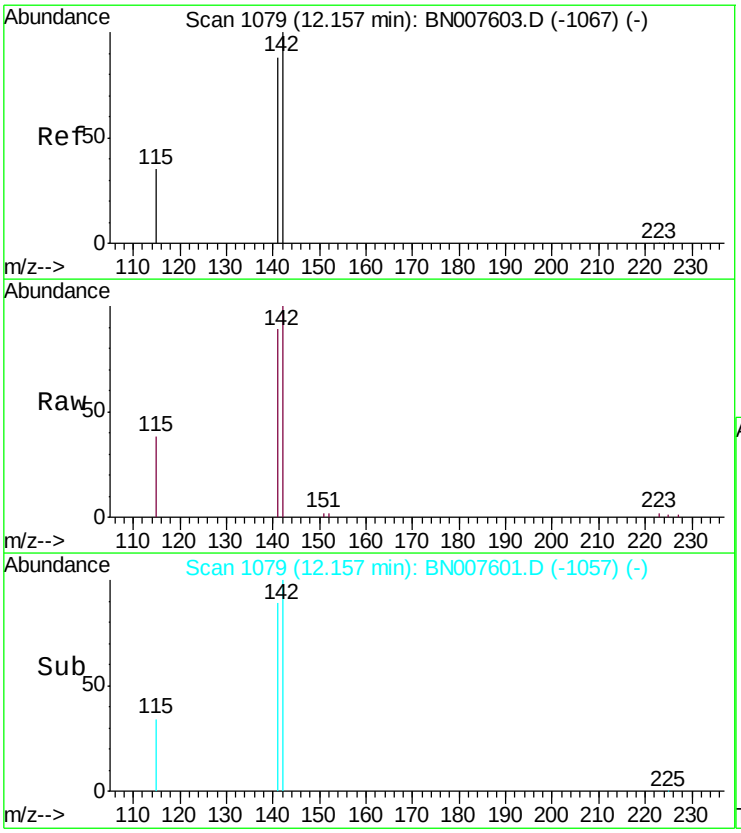
#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 12.09 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5205

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.3	22.9

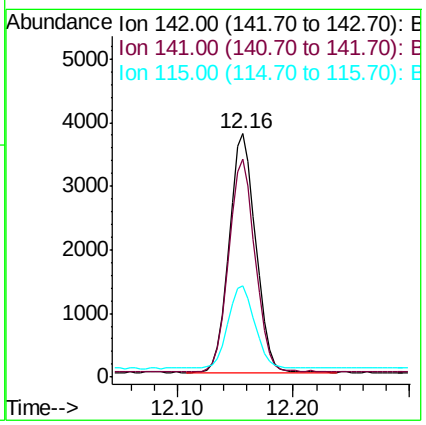


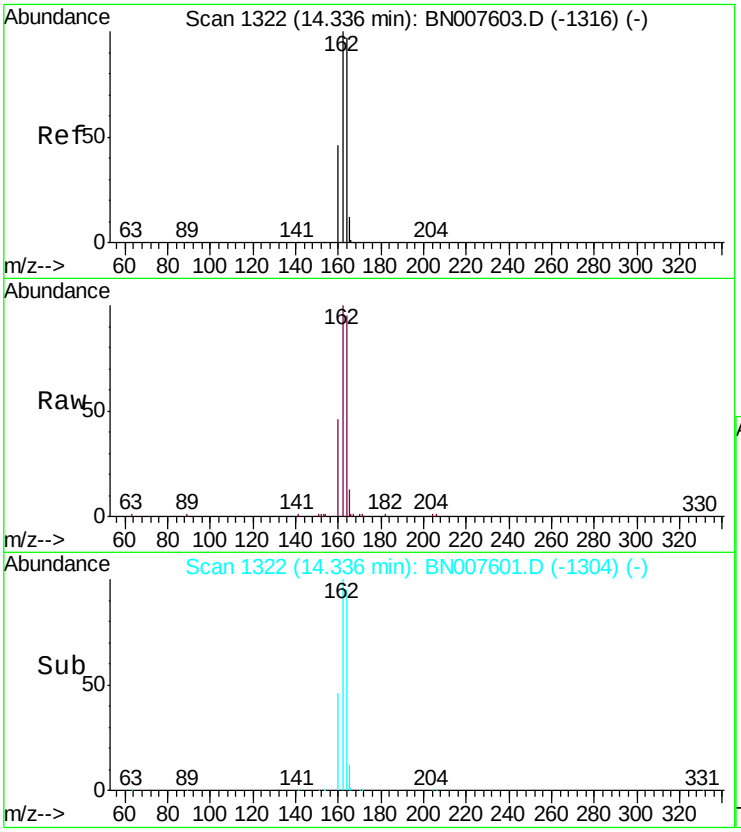


#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:142 Resp: 5875

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.5	105.7
115	37.6	28.4	42.6



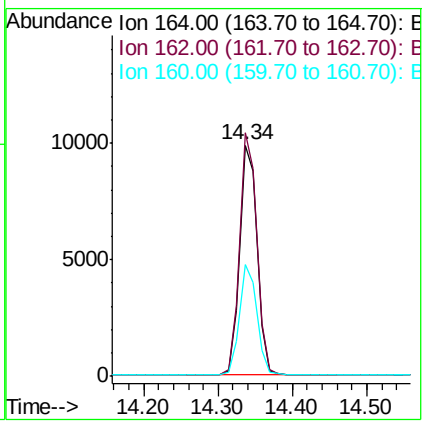


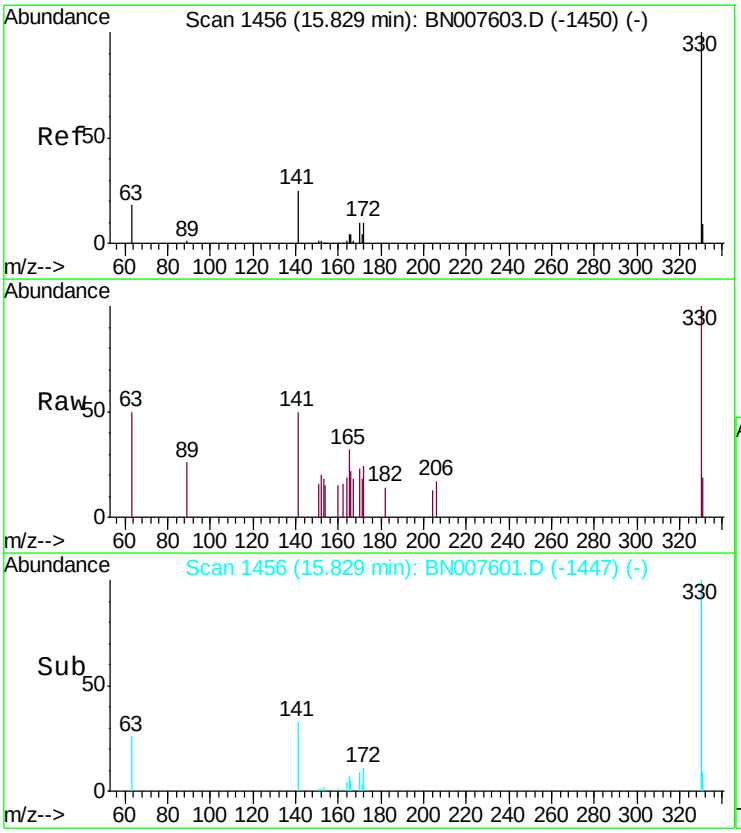
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 16051

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.8	124.2
160	48.5	38.0	57.0

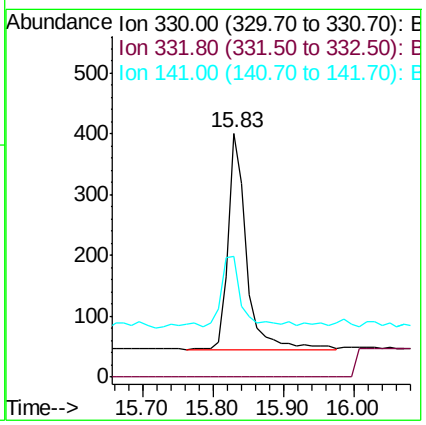


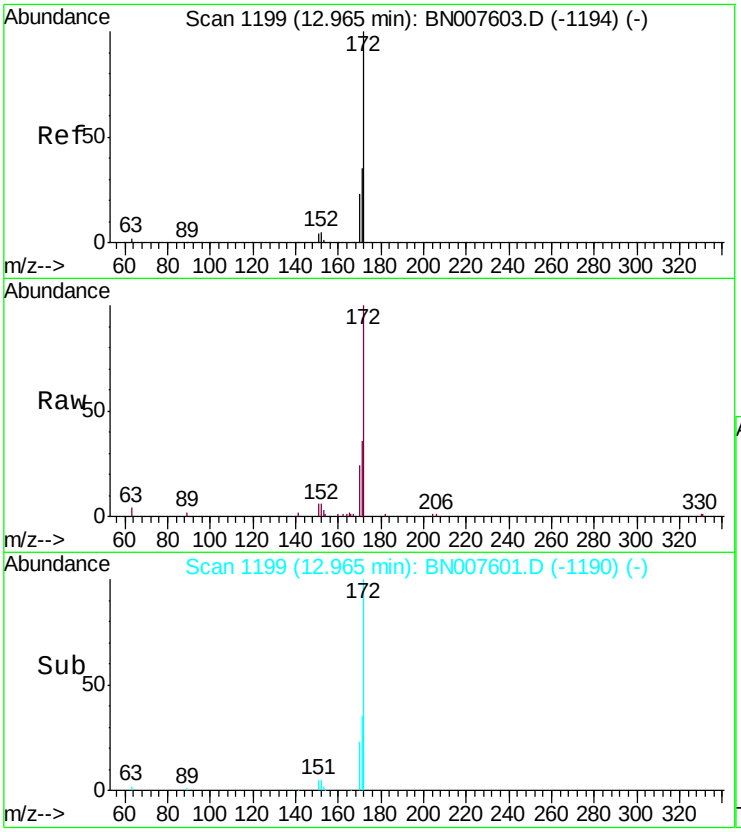


#14
2,4,6-Tribromophenol
Concen: 0.108 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:330 Resp: 659

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	30.1	45.1



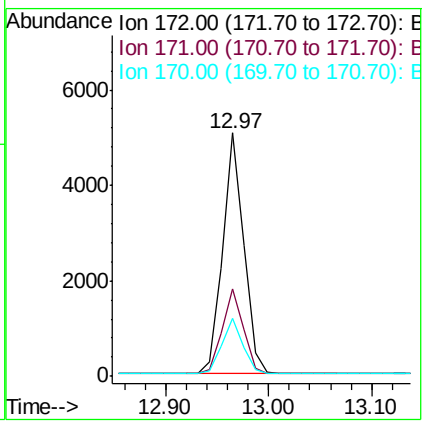


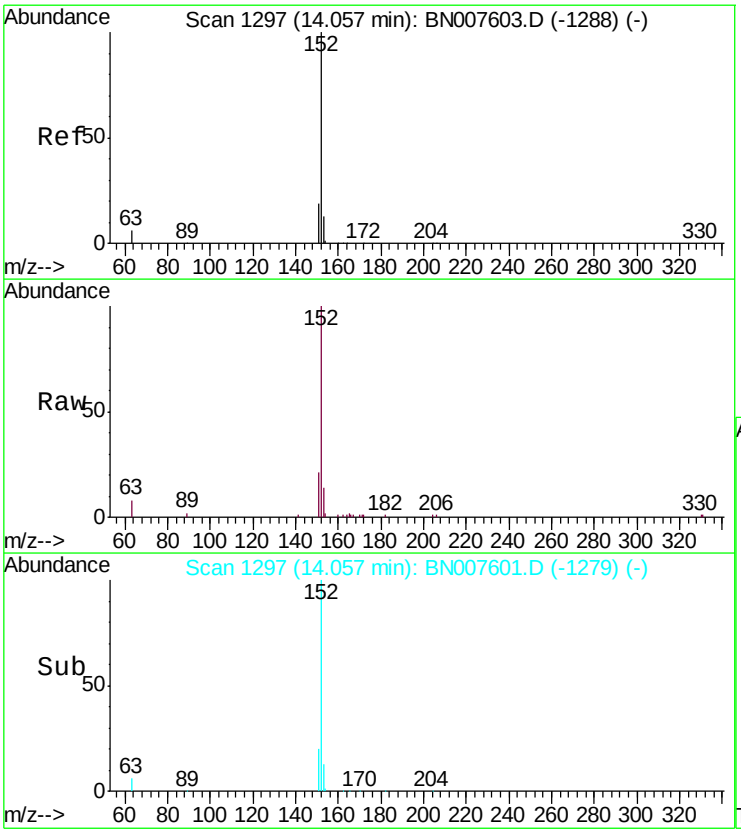
#15
2-Fluorobiphenyl
Concen: 0.109 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 7217

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.0	18.5	27.7

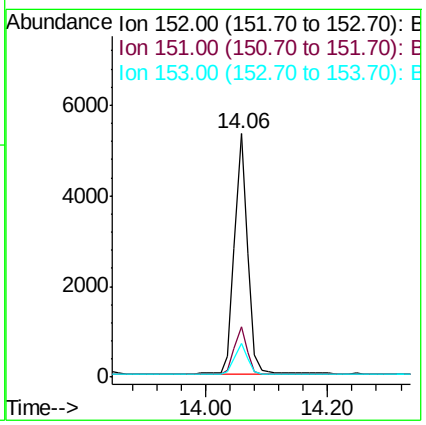


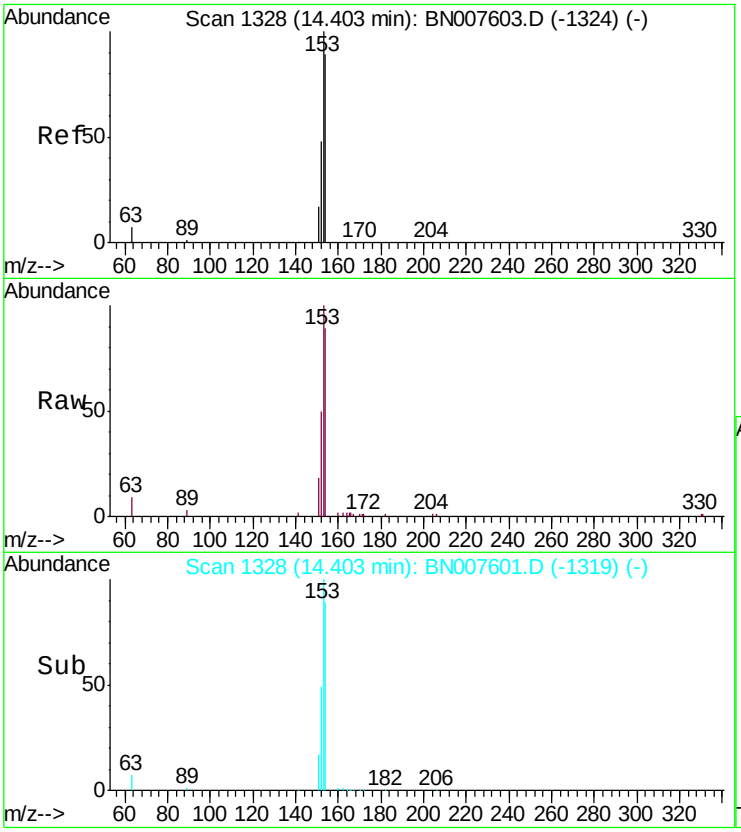


#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:152 Resp: 7965

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.2	10.4	15.6



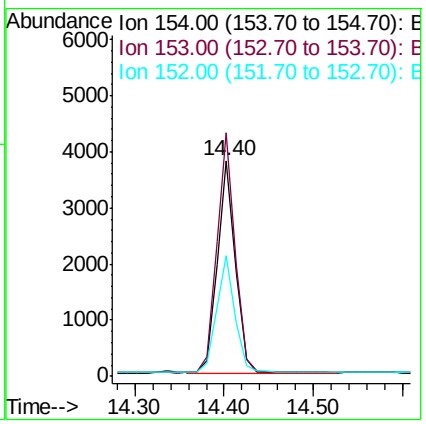


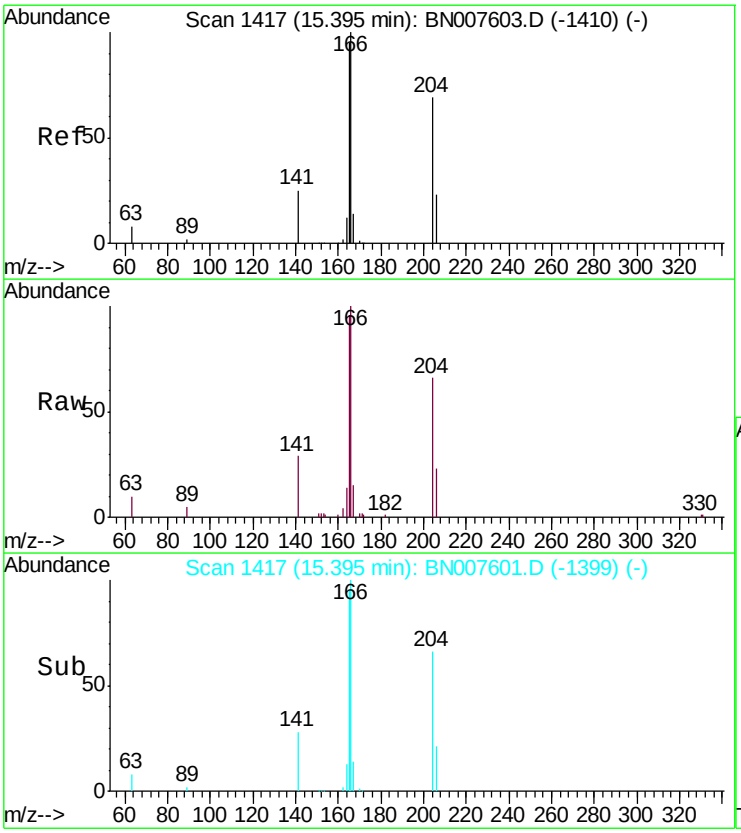
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 5371

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.8	134.8
152	55.8	43.8	65.8

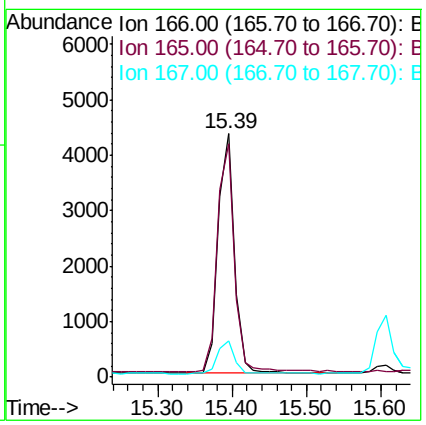


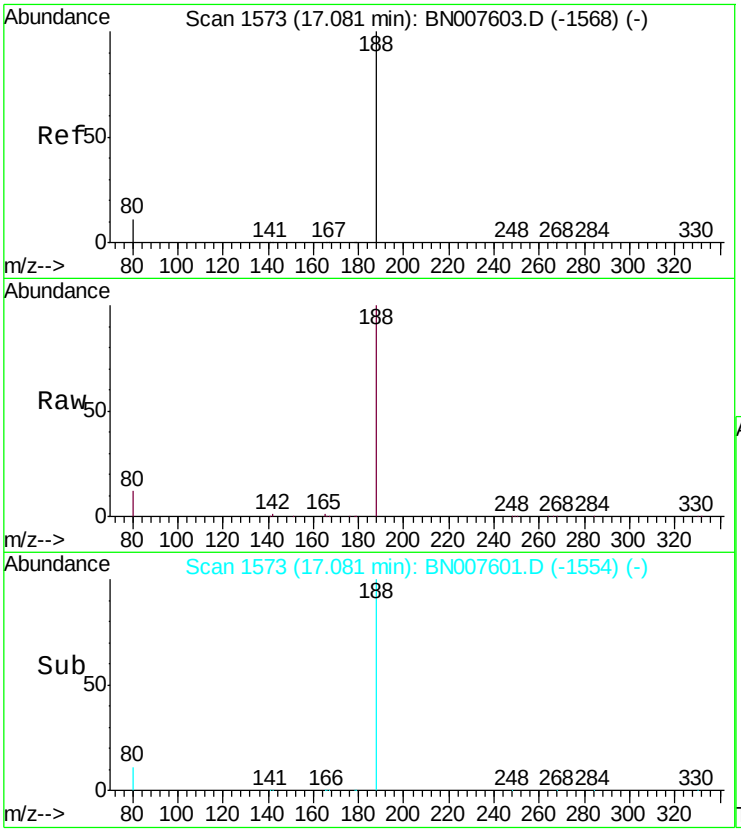


#18
Fluorene
Concen: 0.093 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:166 Resp: 6648

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	14.0	10.8	16.2



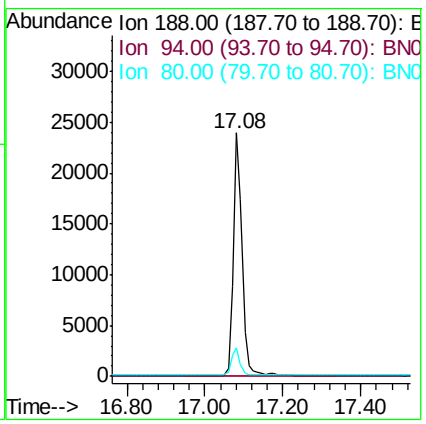


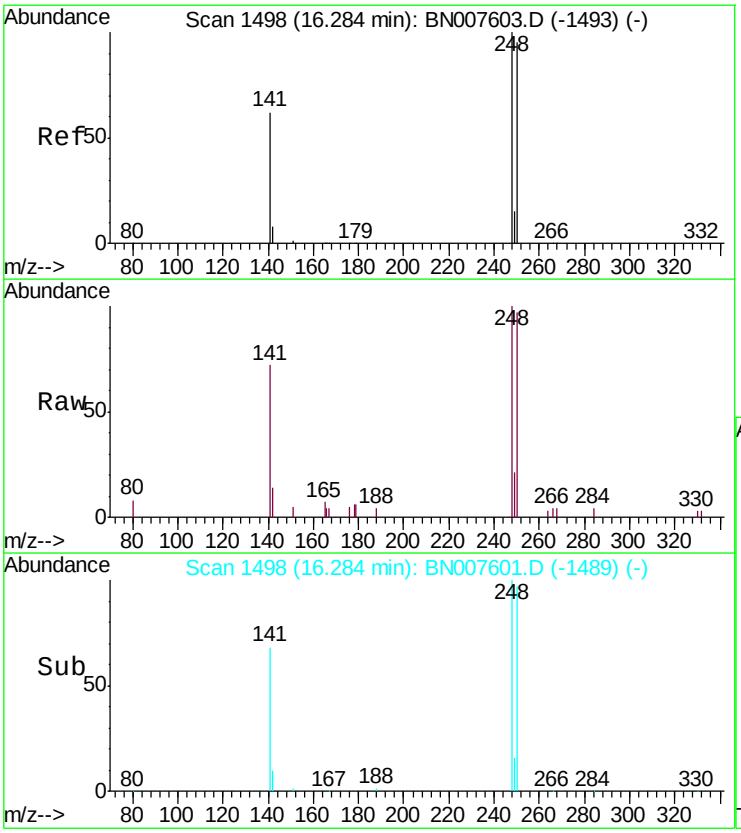
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 37249

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	8.8	13.2

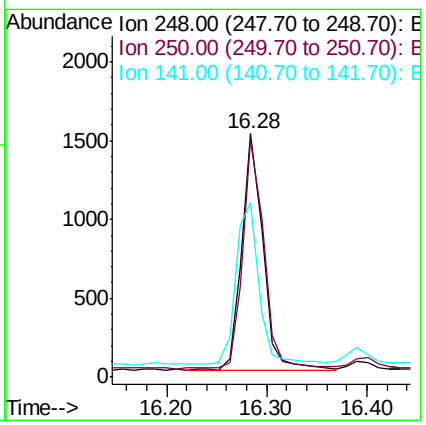


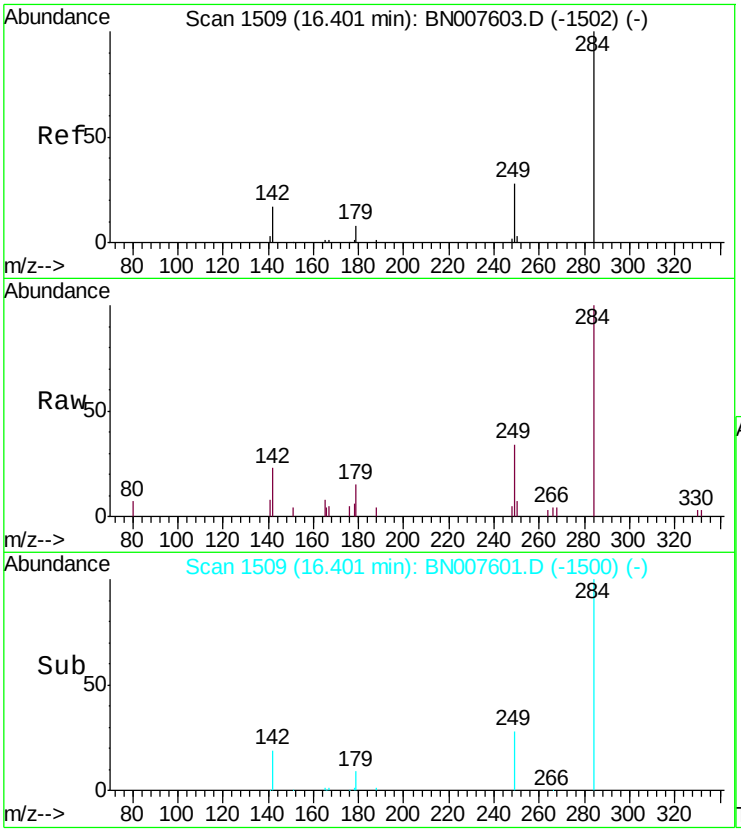


#20
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:248 Resp: 2185

Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.3	114.5
141	71.9	49.7	74.5



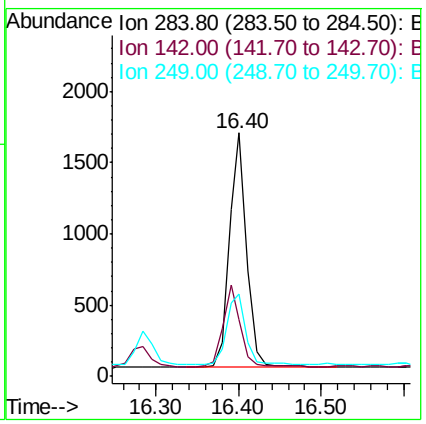


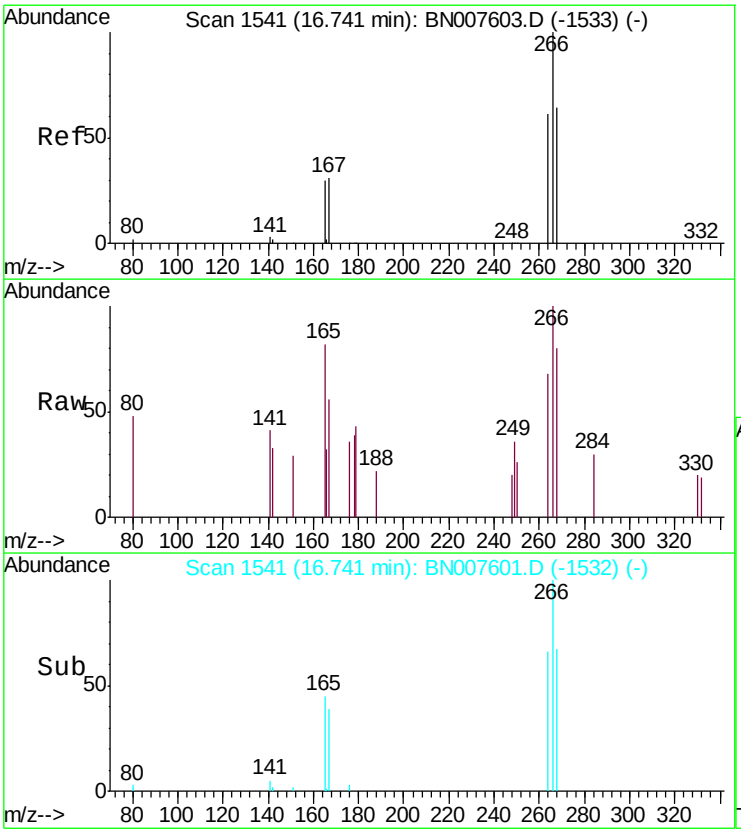
#21
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 2448

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.8	41.6
249	32.9	25.5	38.3

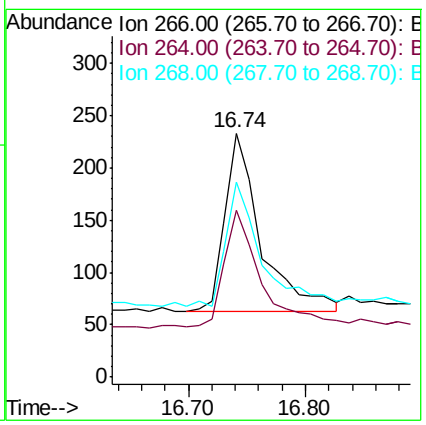


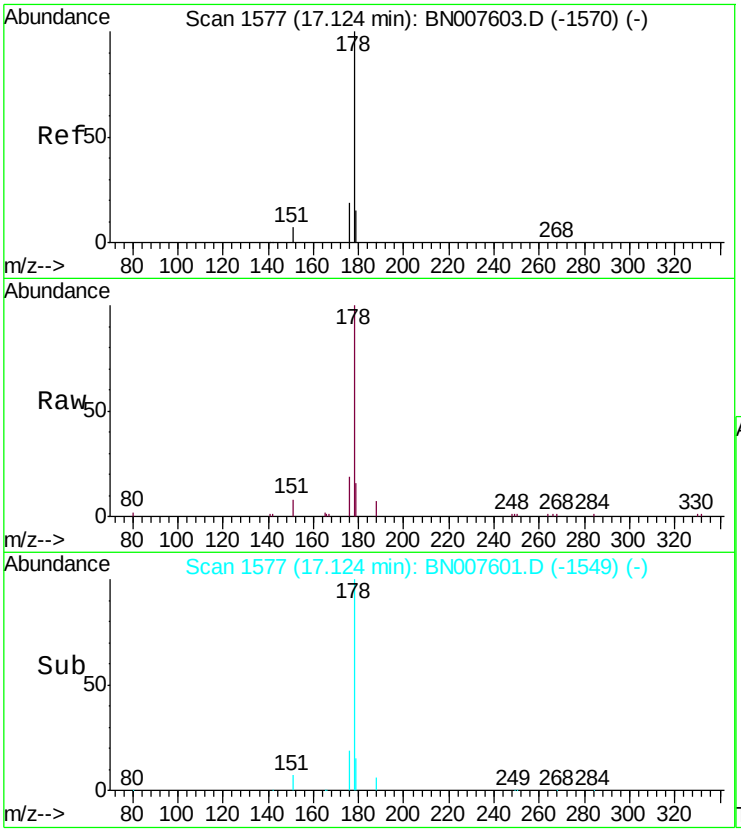


#22
Pentachlorophenol
Concen: 0.056 ng
RT: 16.74 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:266 Resp: 362

Ion	Ratio	Lower	Upper
266	100		
264	68.2	49.4	74.0
268	79.8	53.0	79.6#



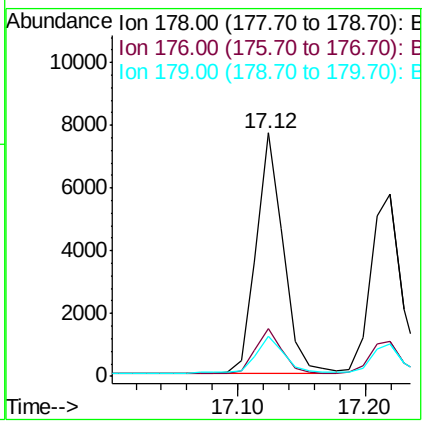


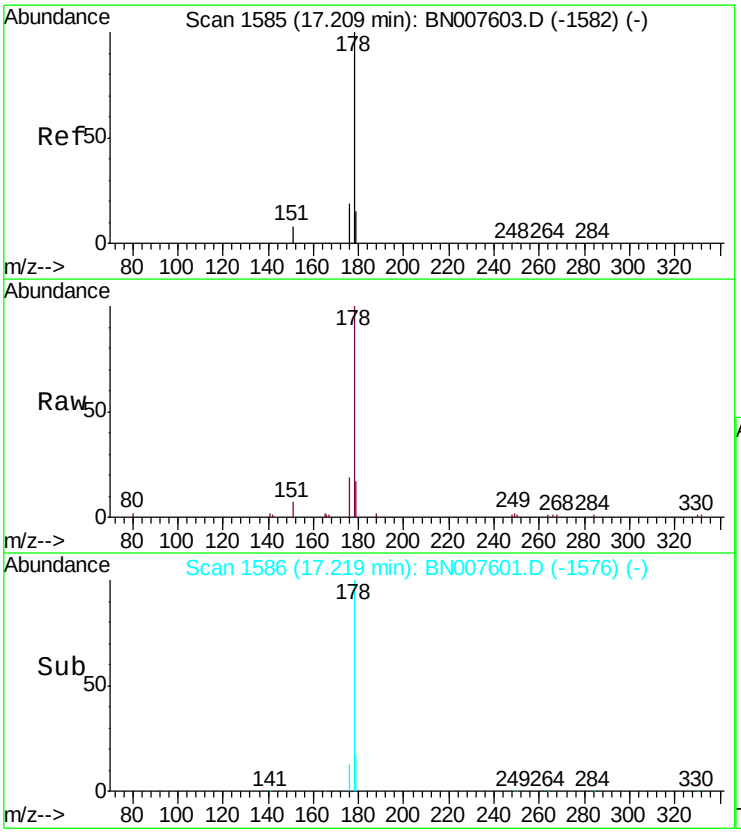
#23
Phenanthrene
Concen: 0.099 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 11335

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	16.2	12.4	18.6

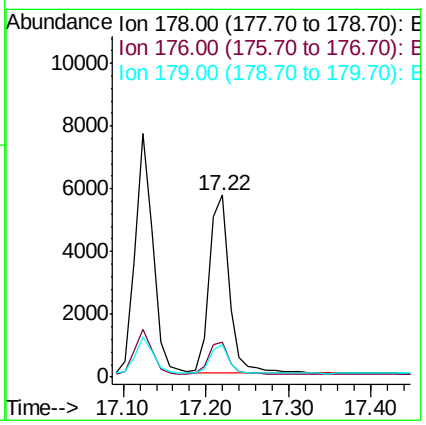


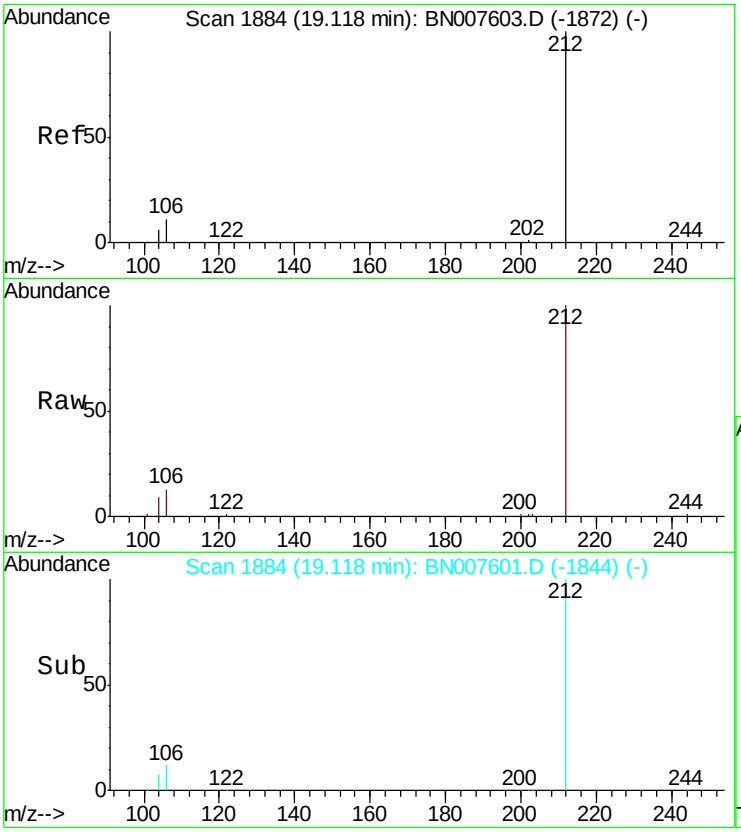


#24
Anthracene
Concen: 0.090 ng
RT: 17.22 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:178 Resp: 9590

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.9	12.4	18.6



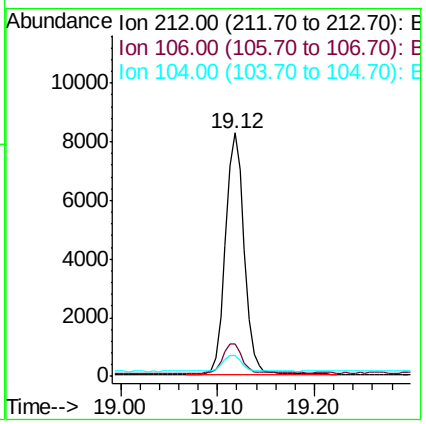


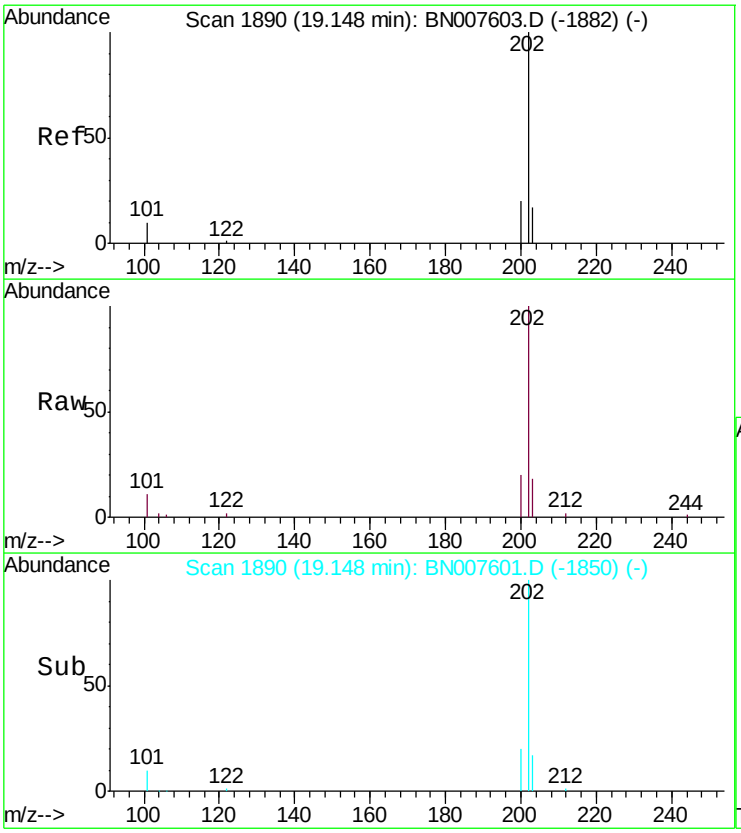
#25
Fluoranthene-d10
Concen: 0.092 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 11141

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.6	14.4
104	6.9	5.4	8.0

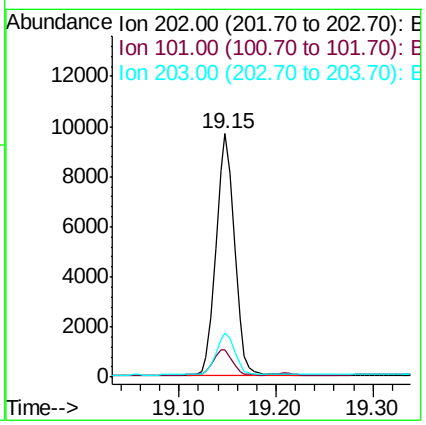


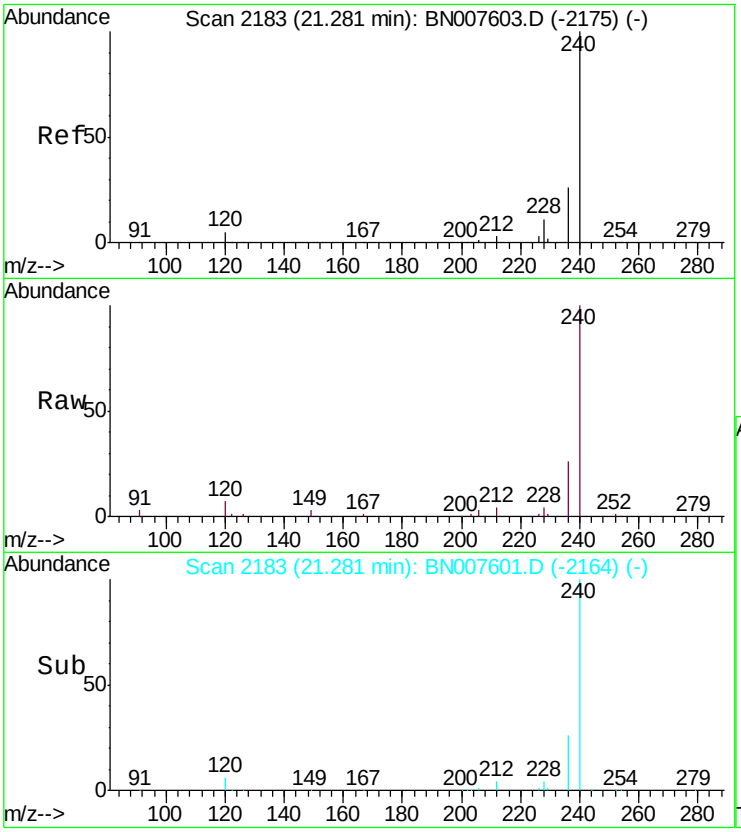


#26
Fluoranthene
Concen: 0.092 ng
RT: 19.15 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:202 Resp: 12830

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
203	17.3	13.8	20.6



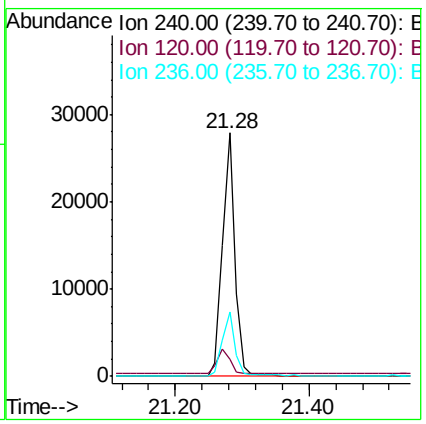


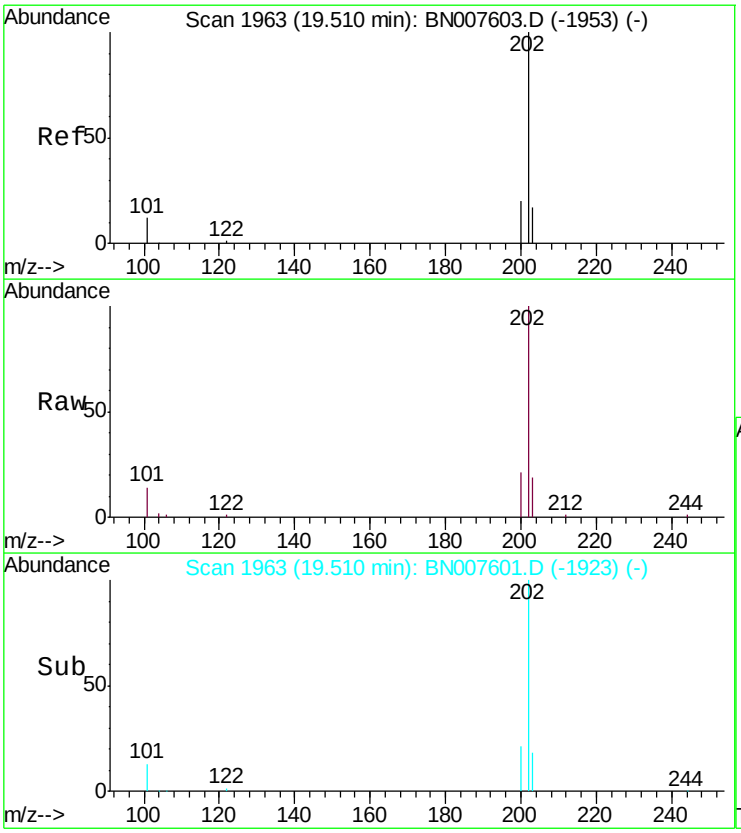
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 35391

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.3	6.5#
236	26.3	20.8	31.2

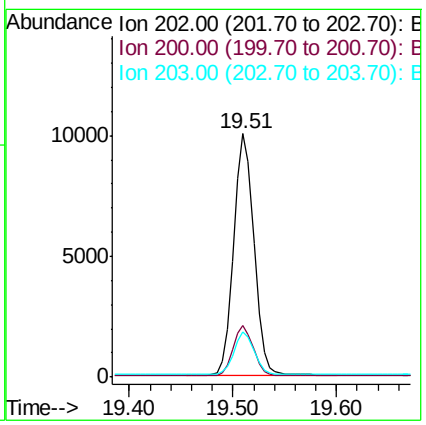


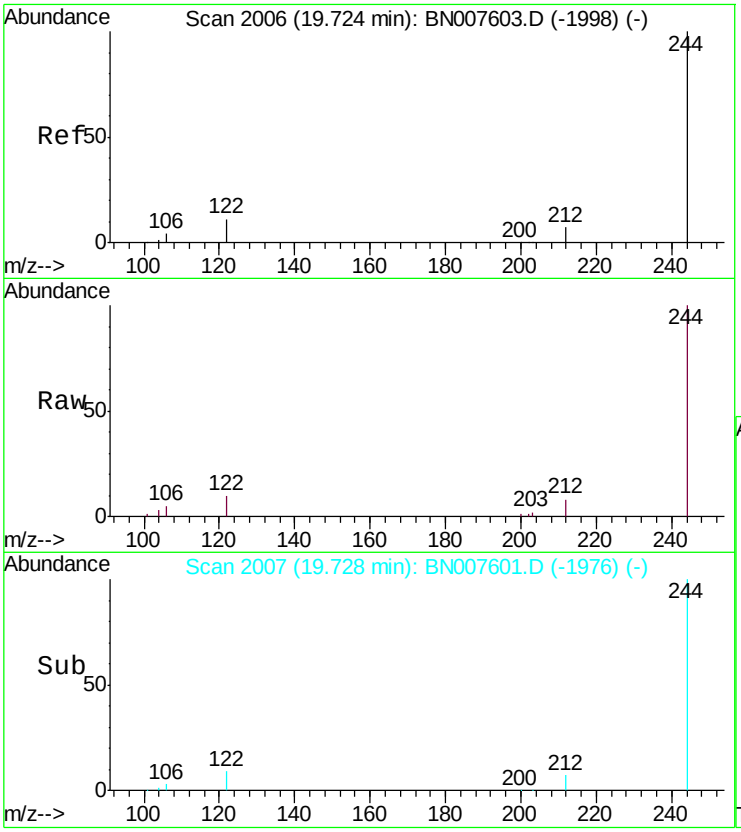


#28
Pyrene
Concen: 0.104 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:202 Resp: 13222

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.9	14.0	21.0



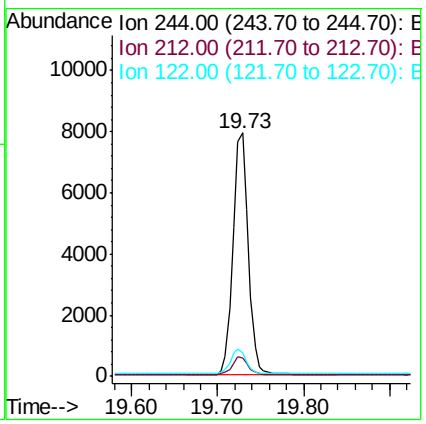


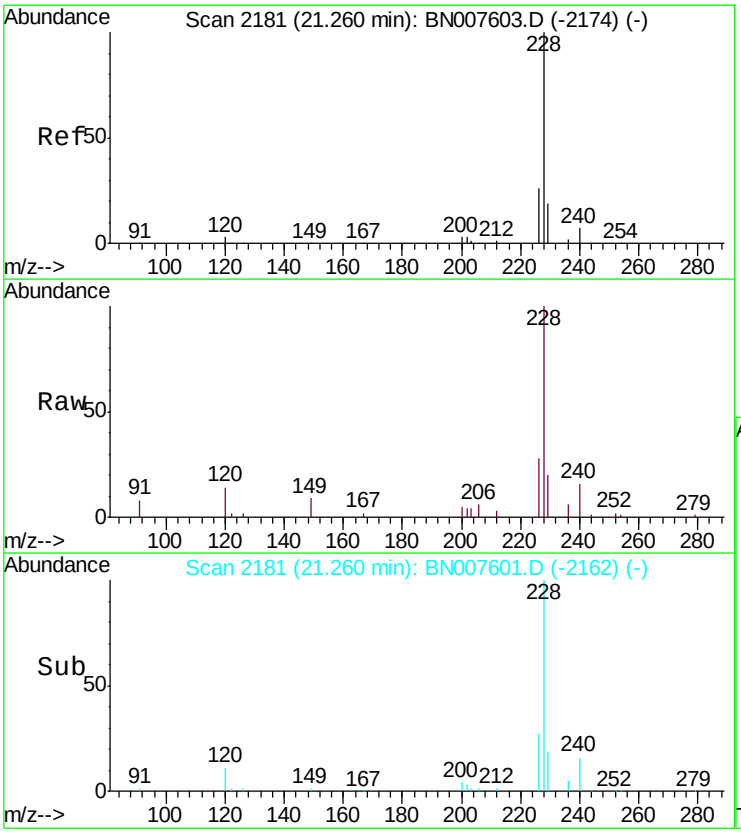
#29
Terphenyl-d14
Concen: 0.107 ng
RT: 19.73 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 9809

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.8	8.6	12.8

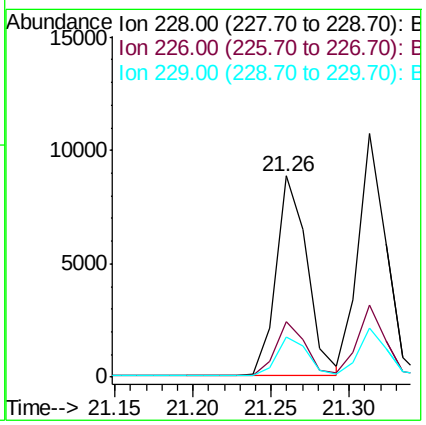


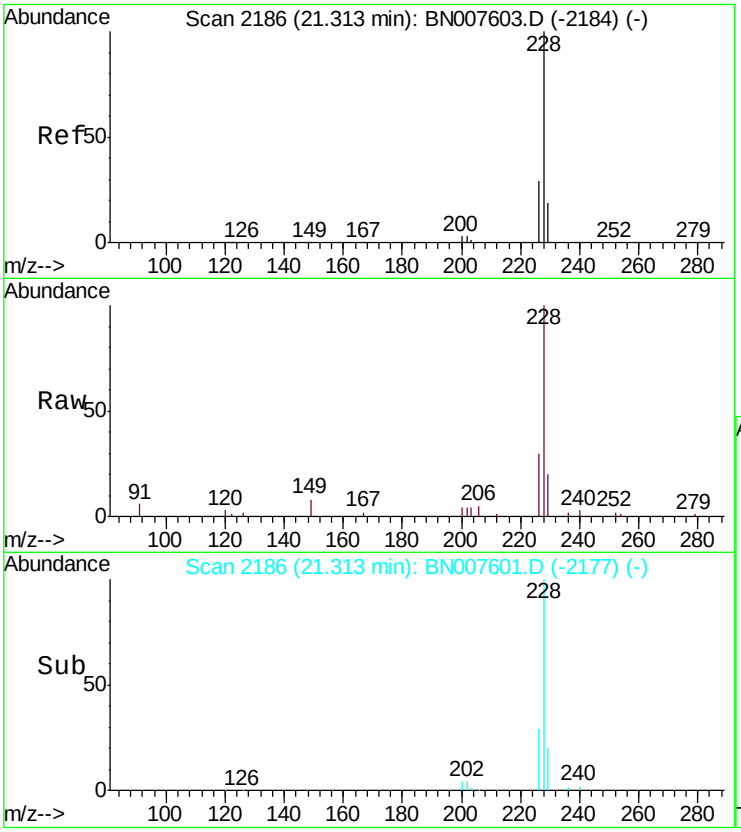


#30
Benzo(a)anthracene
Concen: 0.096 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:228 Resp: 12165

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.2	31.8
229	20.0	15.5	23.3



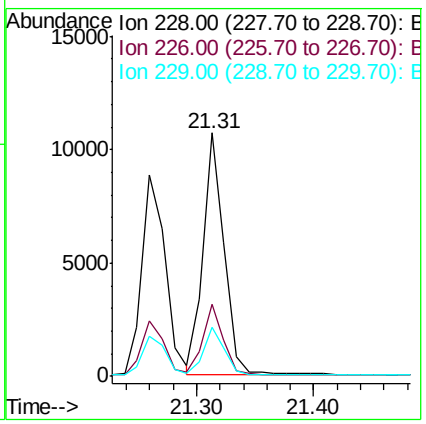


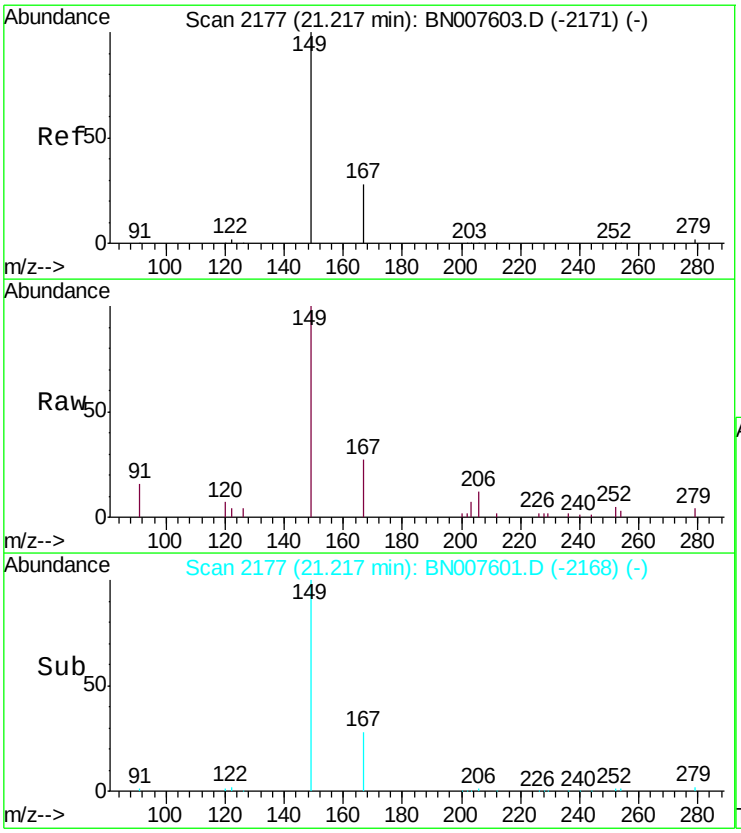
#31
Chrysene
Concen: 0.103 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 13233

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.0	15.5	23.3

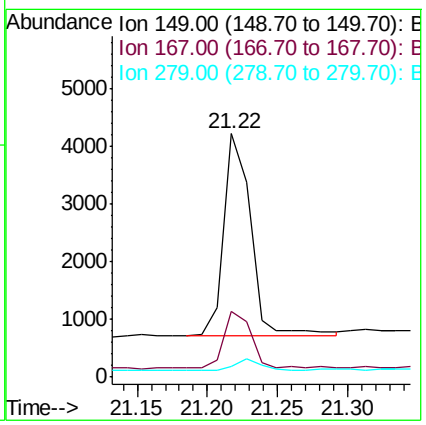


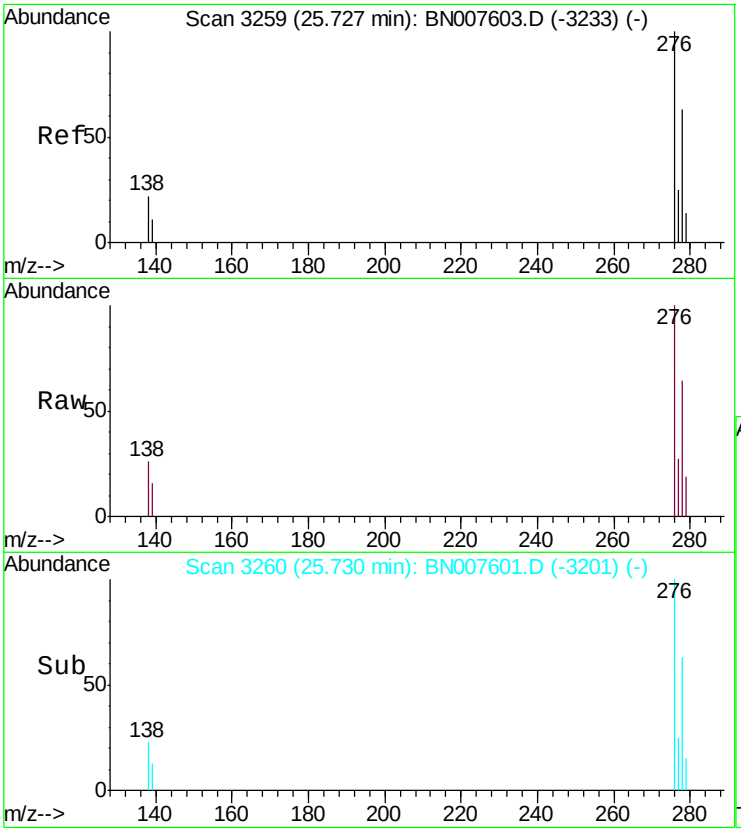


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:149 Resp: 4703

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	4.8	3.8	5.6



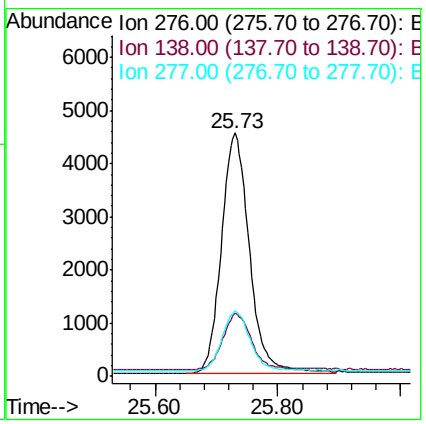


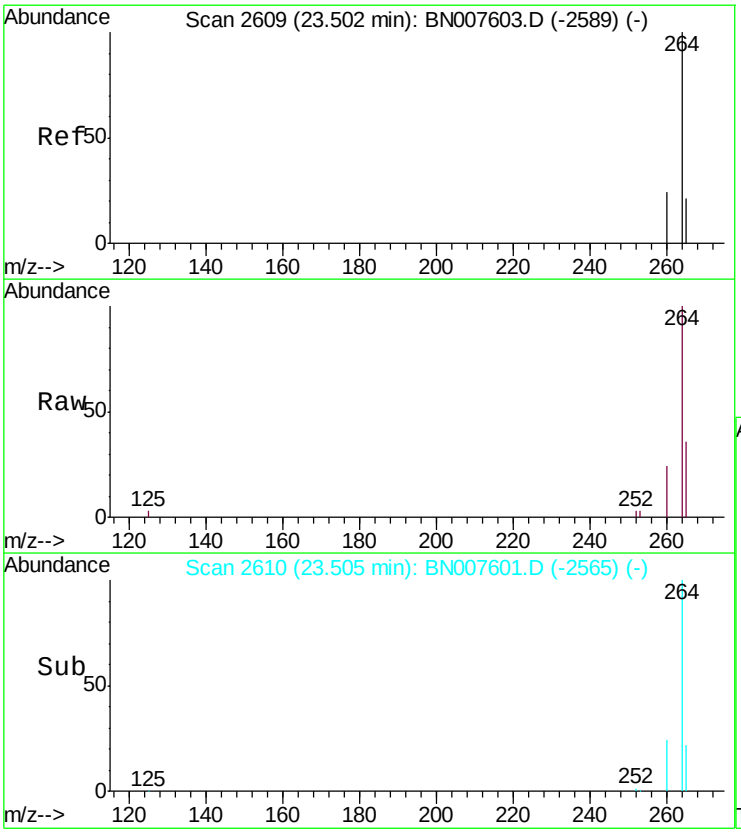
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng
RT: 25.73 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 14301

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.2	27.4
277	24.9	20.1	30.1

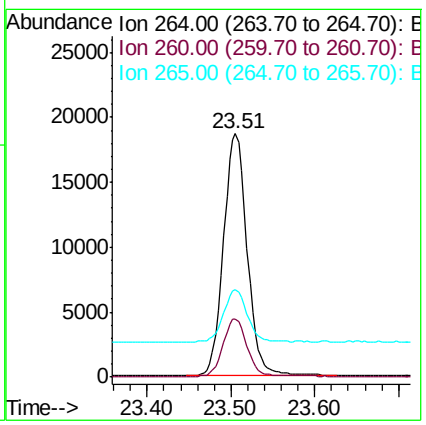


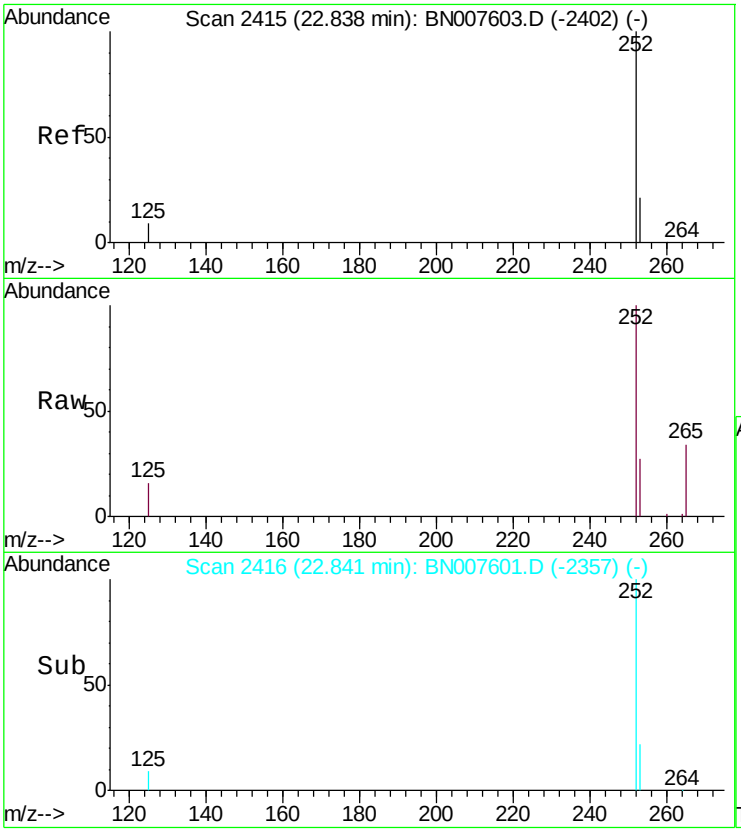


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:264 Resp: 36689

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	36.0	24.6	37.0



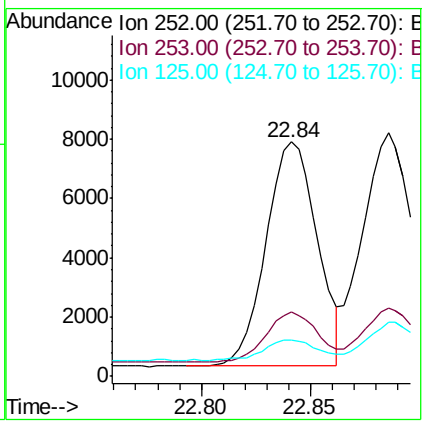


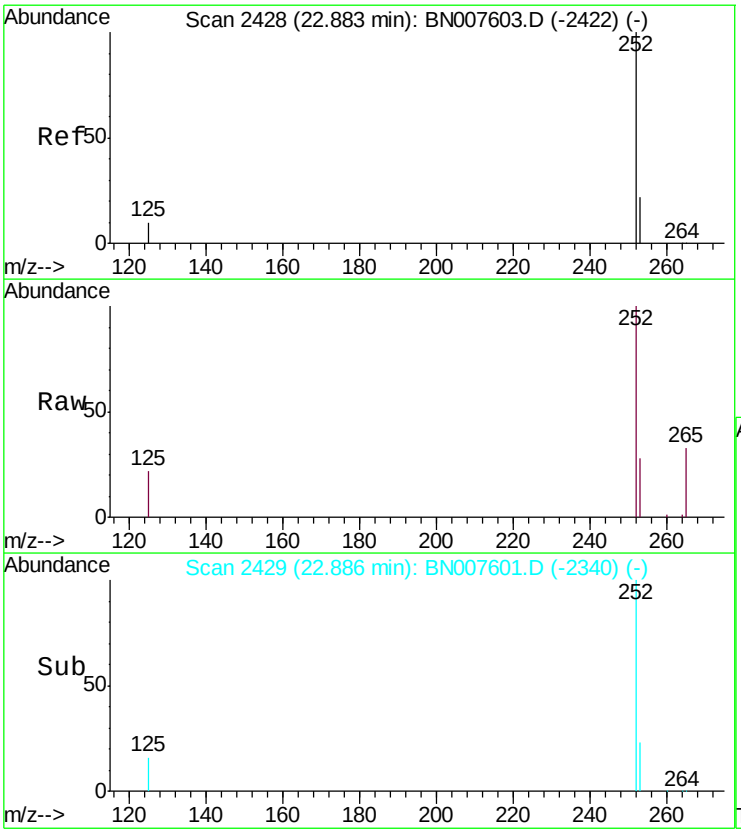
#35
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.84 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 12367

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.8#
125	15.5	8.0	12.0#

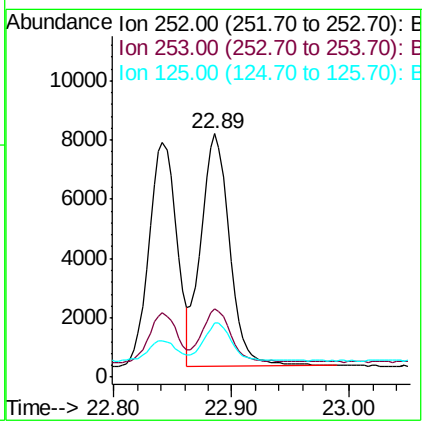


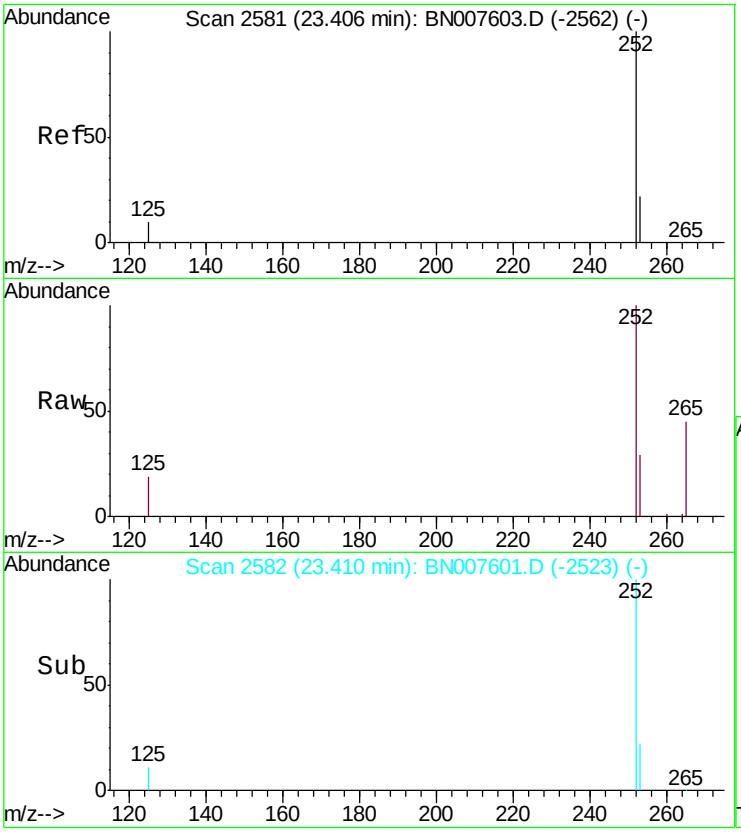


#36
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 22.89 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:252 Resp: 13276

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.3	27.5#
125	22.3	8.9	13.3#



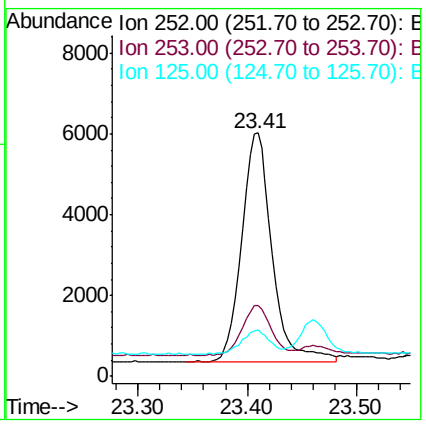


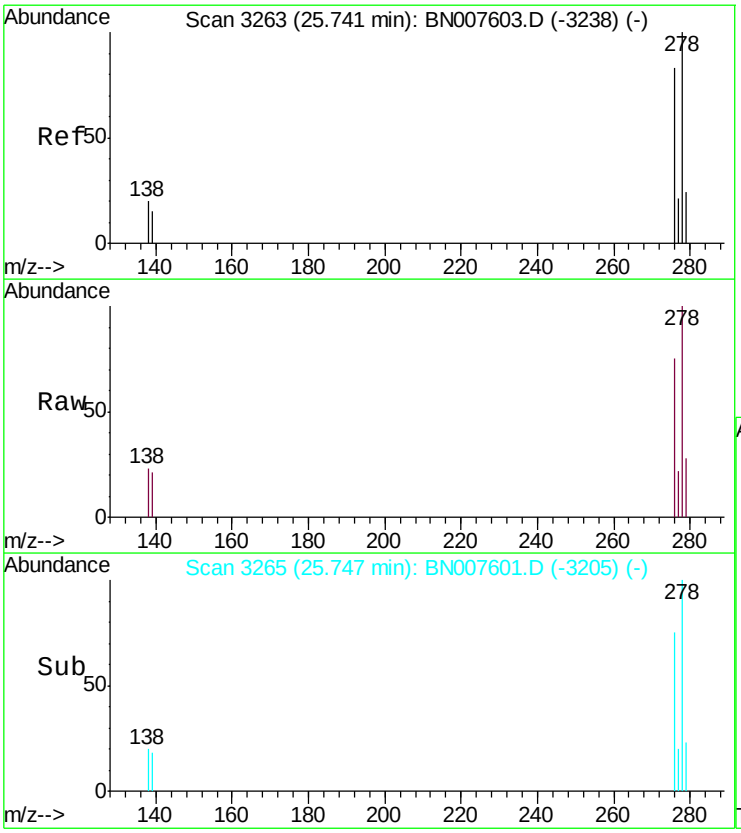
#37
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.41 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 11051

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.3	27.5#
125	19.1	8.9	13.3#

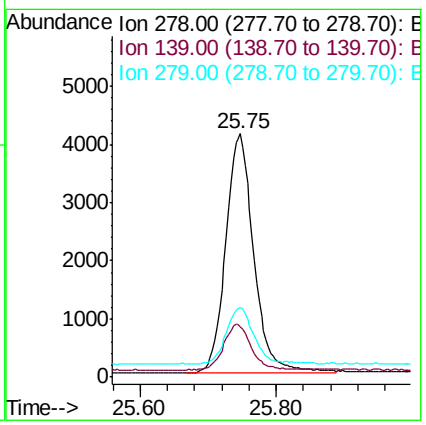


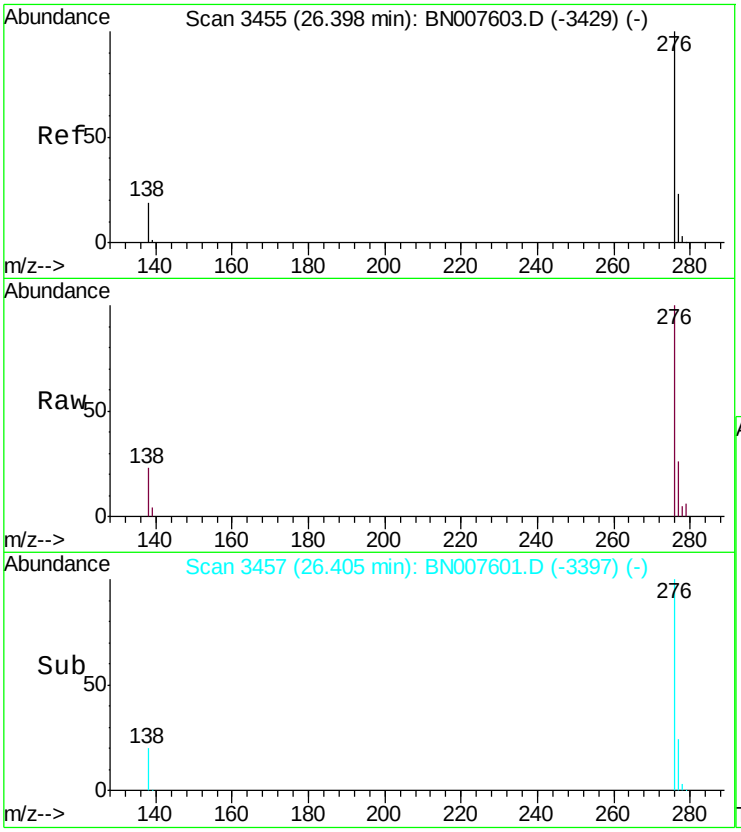


#38
Dibenzo(a,h)anthracene
Concen: 0.102 ng
RT: 25.75 min Scan# 3265
Delta R.T. 0.01 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Tgt Ion:278 Resp: 11828

Ion	Ratio	Lower	Upper
278	100		
139	20.7	12.6	18.8#
279	28.4	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.100 ng
RT: 26.40 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BN007601.D
Acq: 12 Sep 2019 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 11750

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.1	28.7
138	23.0	15.8	23.6