Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006713.D
Acq On : 05 Jul 2019 13:40
Operator : HP/JU
Sample : K3543-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BP-TT-MW202D1-GW-20190625

Quant Time: Jul 05 22:49:58 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	2533	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10046	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6294	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	14708	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	14800	0.40	ng	-0.02
34) Perylene-d12	23.46	264	17326	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1009	0.15	ng	0.00
5) Phenol-d6	6.82	99	820	0.09	ng	0.00
8) Nitrobenzene-d5	8.79	82	2376	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	6255	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1252	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	14331	0.58	ng	-0.02
25) Fluoranthene-d10	19.06	212	18372	0.44	ng	-0.02
29) Terphenyl-d14	19.66	244	16181	0.47	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	956	0.242	ng	# 46
6) bis(2-Chloroethyl)ether	7.03	93	25	0.003	ng	# 1
9) Naphthalene	10.43	128	109	0.004	ng	# 1
10) Hexachlorobutadiene	10.68	225	7	0.001	ng	# 90
12) 2-Methylnaphthalene	12.05	142	33	Below Cal		# 28
16) Acenaphthylene	13.96	152	144	0.005	ng	# 84
17) Acenaphthene	14.31	154	48	0.002	ng	# 68
18) Fluorene	15.32	166	60	0.002	ng	# 76
20) 4-Bromophenyl-phenylether	16.21	248	11	0.001	ng	# 26
21) Hexachlorobenzene	16.32	284	13	0.001	ng	# 1
22) Pentachlorophenol	16.79	266	29	0.132	ng	# 82
23) Phenanthrene	17.06	178	283	0.007	ng	# 95
24) Anthracene	17.16	178	86	0.002	ng	# 80
26) Fluoranthene	19.09	202	188	0.004	ng	97
28) Pyrene	19.46	202	174	0.003	ng	# 57
30) Benzo(a)anthracene	21.23	228	160	0.003	ng	# 1
31) Chrysene	21.28	228	115	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.14	149	1524	0.010	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.70	276	157	0.002	ng	# 55
35) Benzo(b)fluoranthene	22.76	252	128	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.81	252	245	0.004	ng	# 1
37) Benzo(a)pyrene	23.37	252	77	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.70	278	110	0.002	ng	# 1
39) Benzo(g,h,i)perylene	26.38	276	170	0.003	ng	# 1

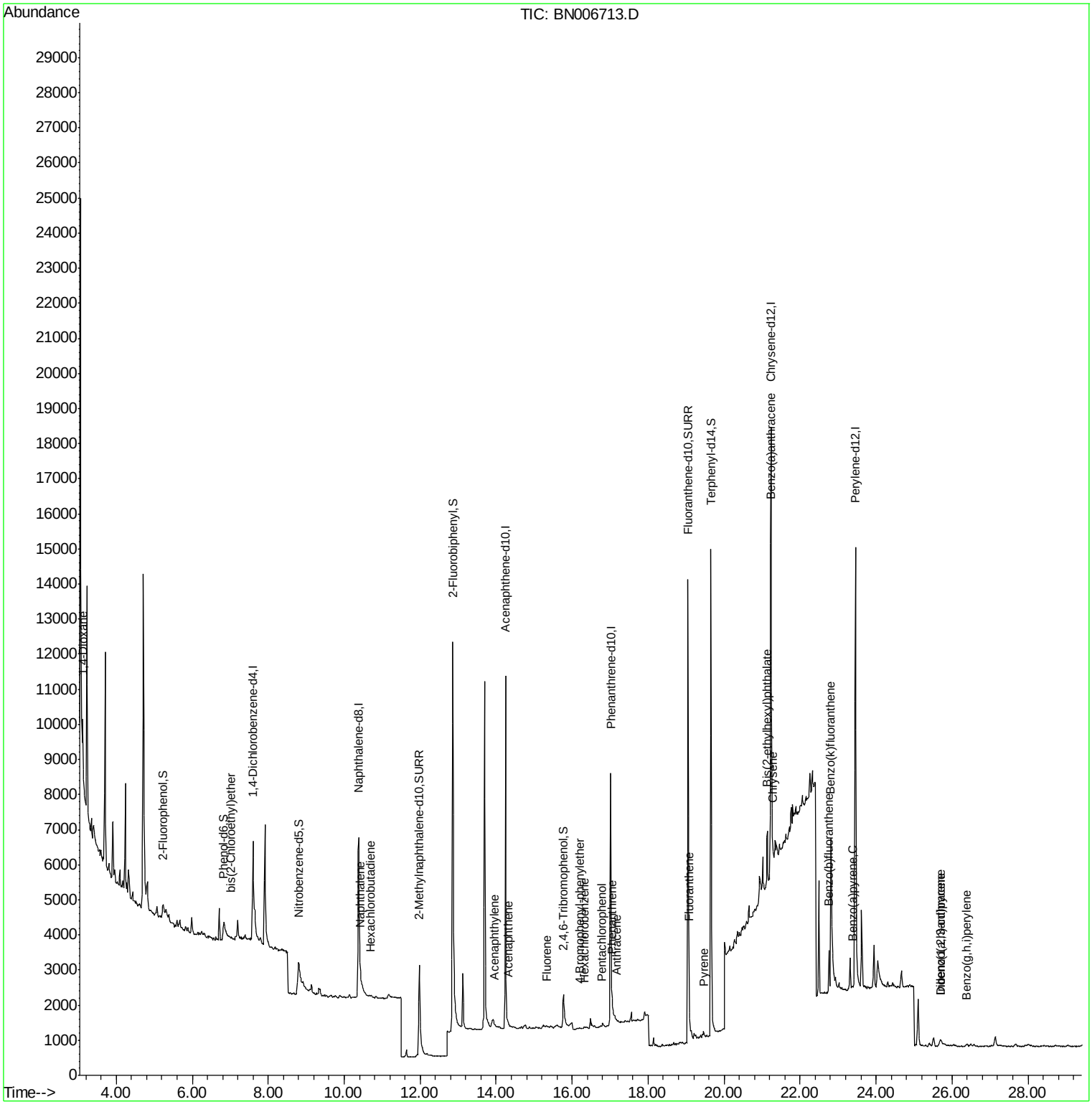
(#) = qualifier out of range (m) = manual integration (+) = signals summed

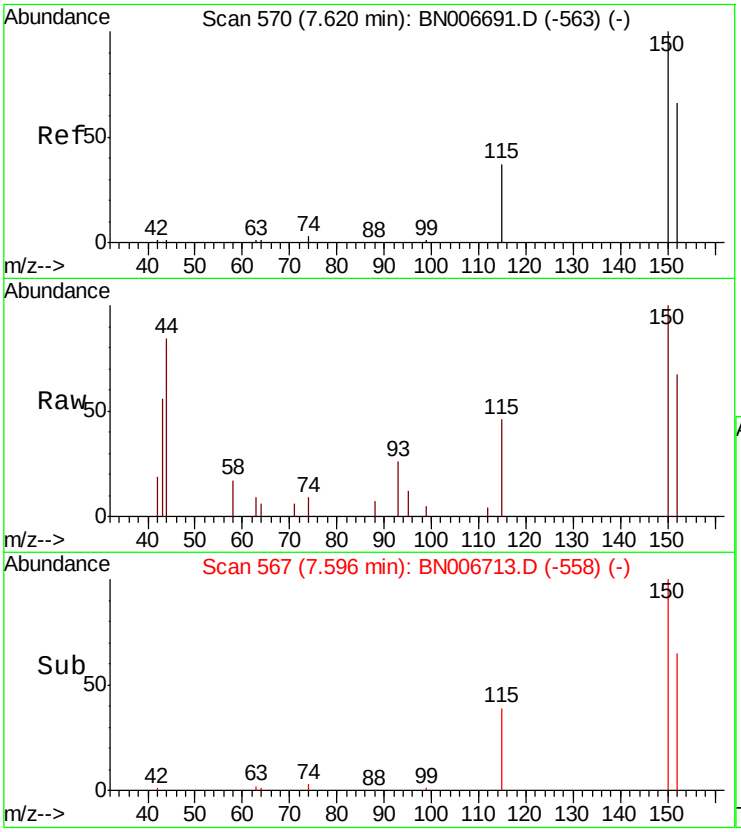
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006713.D
Acq On : 05 Jul 2019 13:40
Operator : HP/JU
Sample : K3543-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Quant Time: Jul 05 22:49:58 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



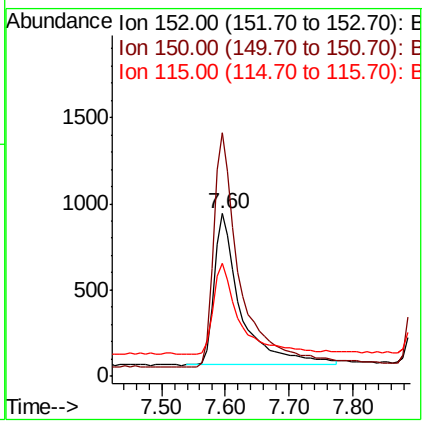


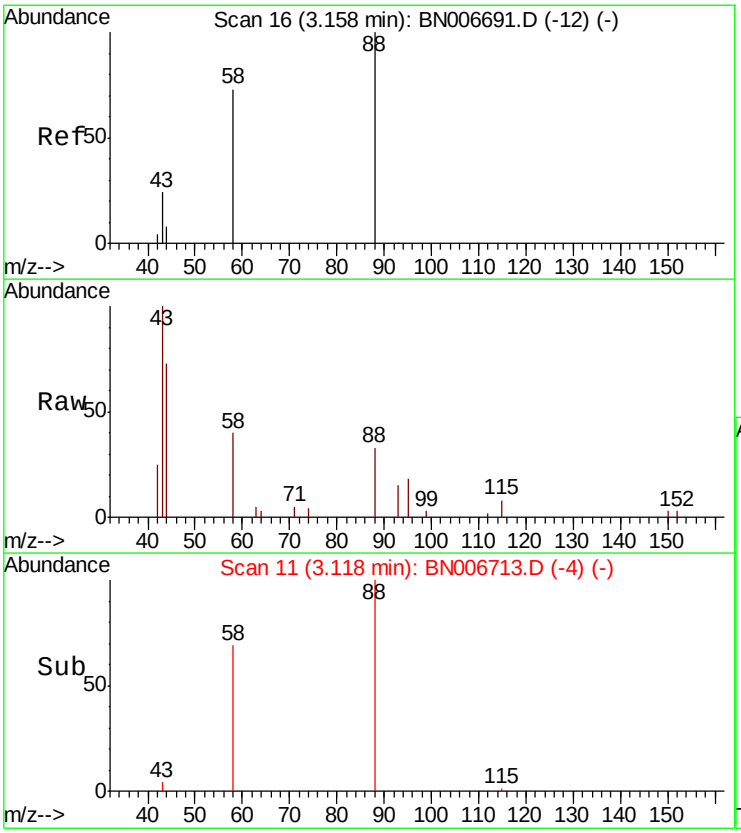
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:152 Resp: 2533

Ion	Ratio	Lower	Upper
152	100		
150	149.8	120.6	181.0
115	69.5	51.0	76.6

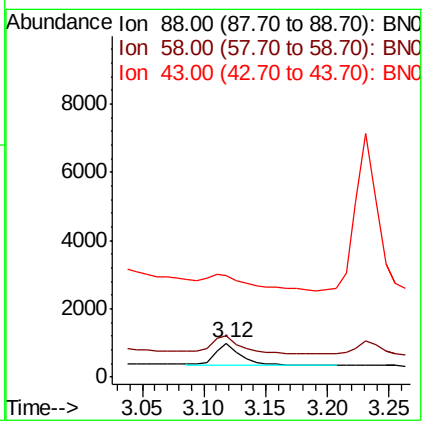


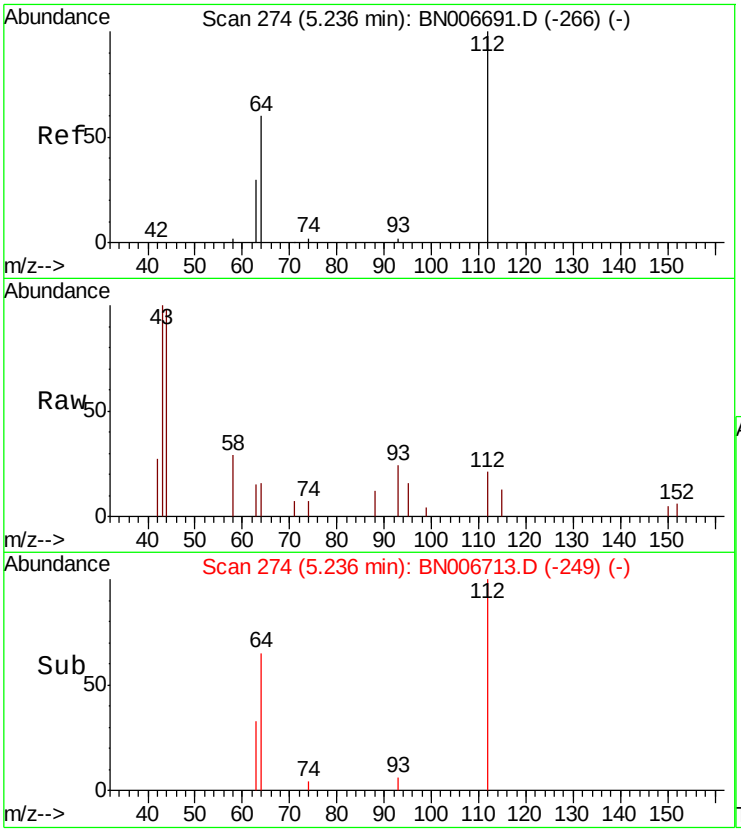


#2
1,4-Dioxane
Concen: 0.242 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion: 88 Resp: 956

Ion	Ratio	Lower	Upper
88	100		
58	92.4	61.1	91.7#
43	115.1	32.4	48.6#



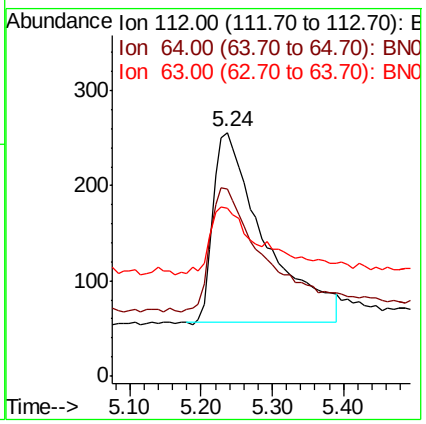


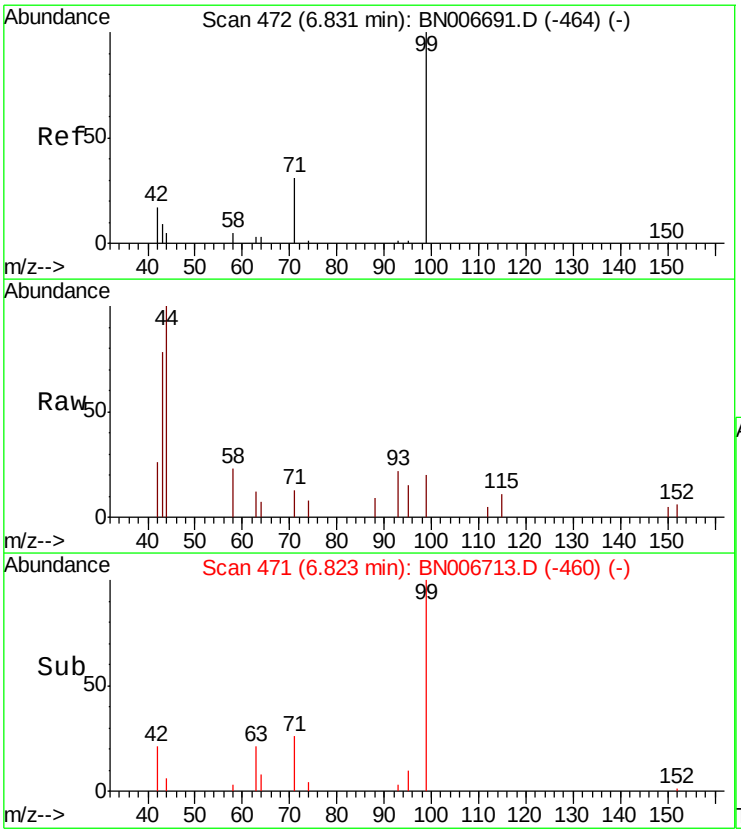
#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.24 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:112 Resp: 1009

Ion	Ratio	Lower	Upper
112	100		
64	67.7	49.8	74.6
63	36.7	25.8	38.6

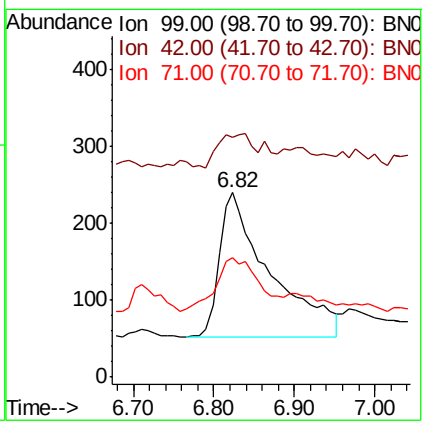


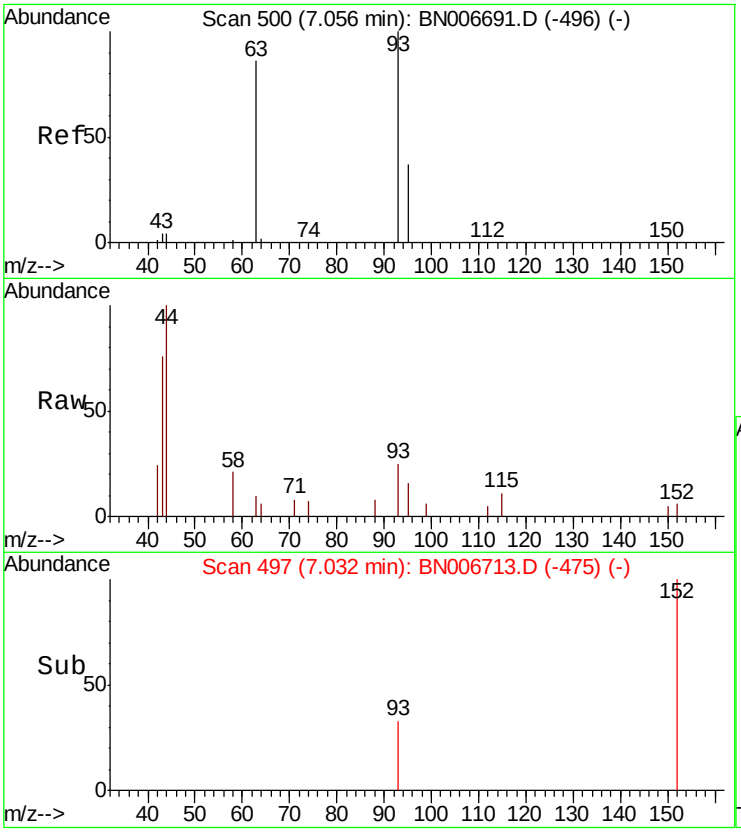


#5
Phenol-d6
Concen: 0.094 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion: 99 Resp: 820

Ion	Ratio	Lower	Upper
99	100		
42	15.7	16.6	25.0#
71	31.6	26.0	39.0



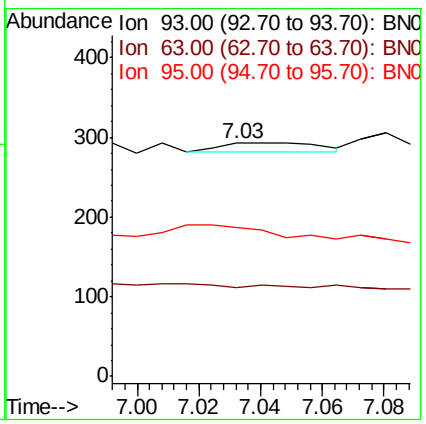


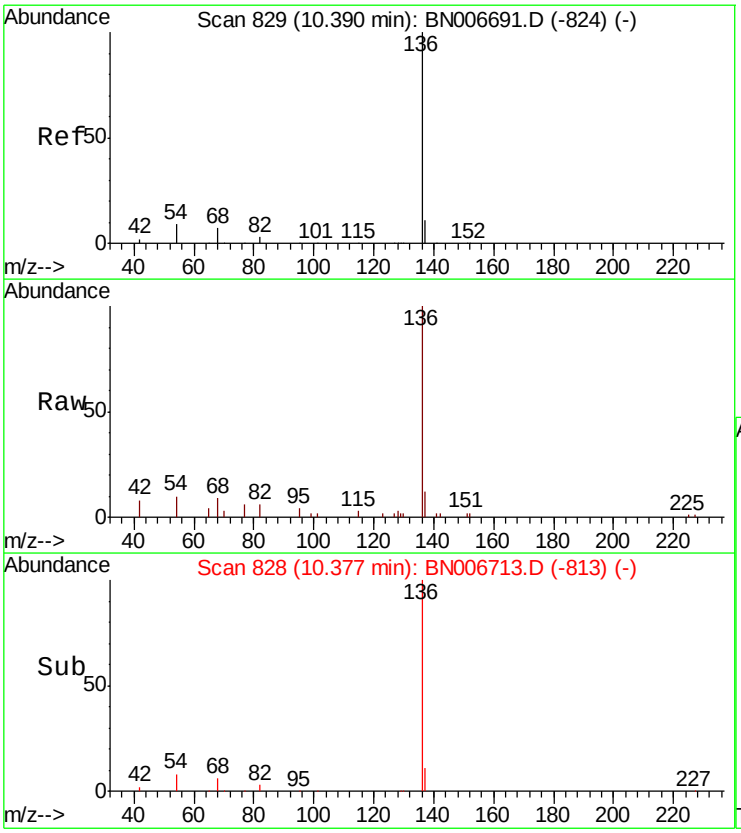
#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.03 min Scan# 497
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 93 Resp: 25

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	87.8#
95	224.0	28.3	42.5#

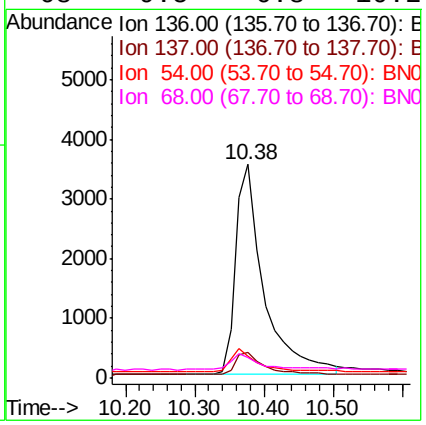


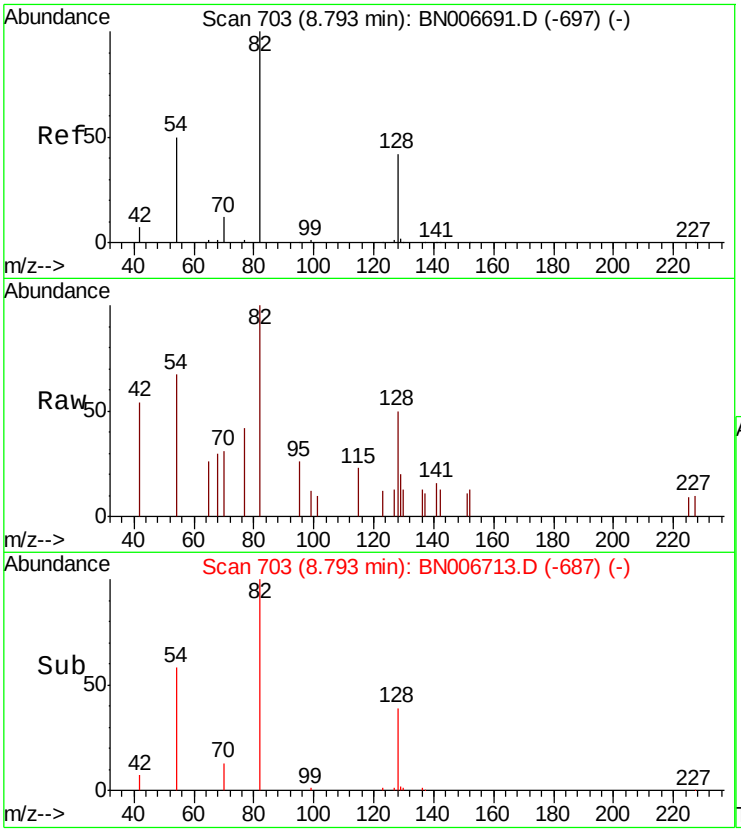


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:136 Resp: 10046

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	10.5	8.4	12.6
68	9.5	6.8	10.2



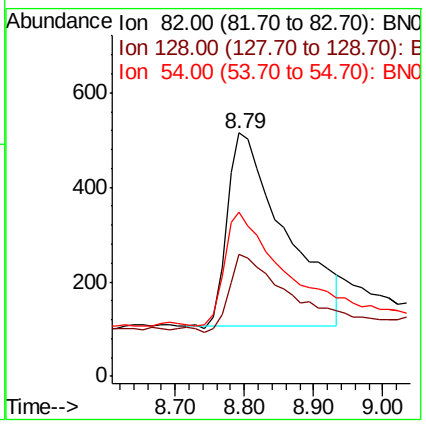


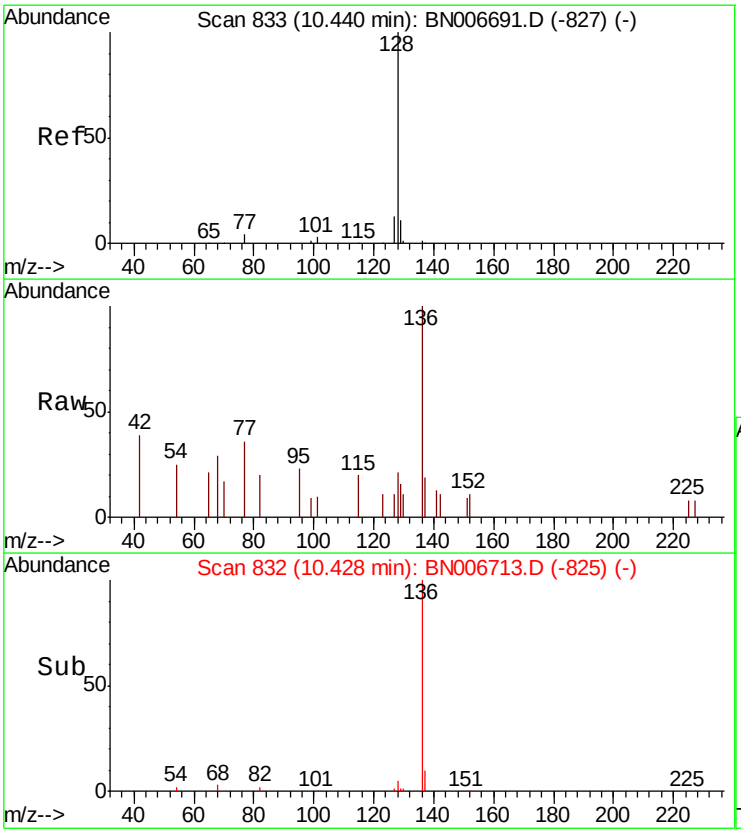
#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion: 82 Resp: 2376

Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	67.4	44.5	66.7#

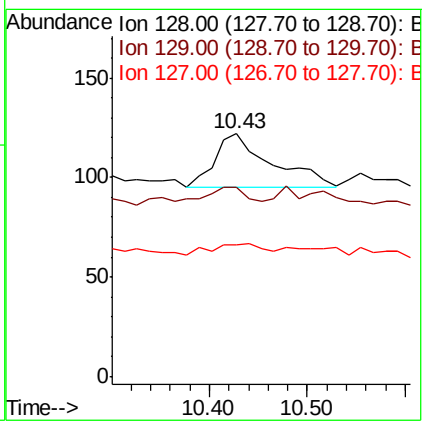


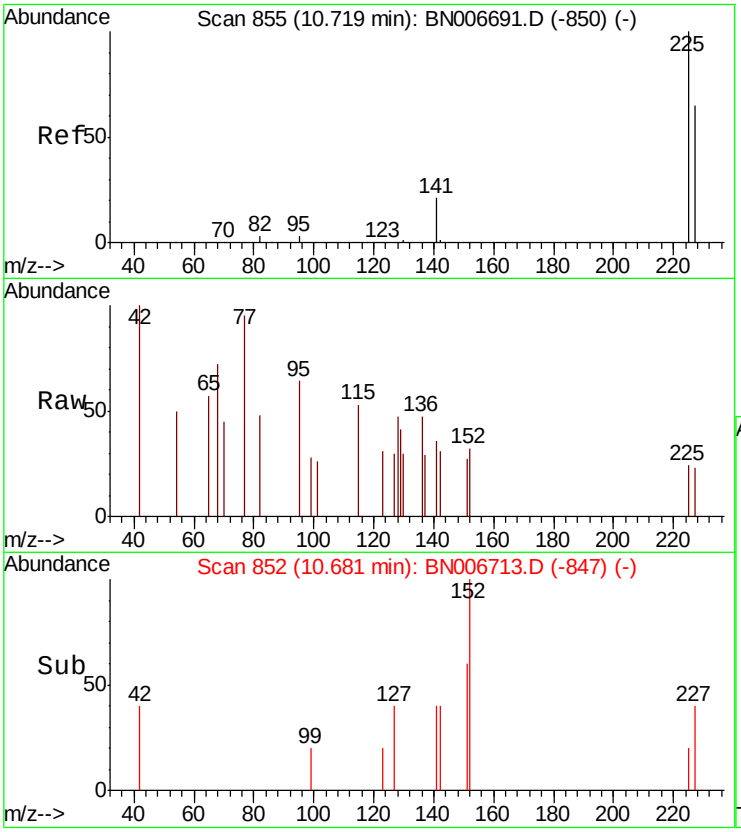


#9
Naphthalene
Concen: 0.004 ng
RT: 10.43 min Scan# 832
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:128 Resp: 109

Ion	Ratio	Lower	Upper
128	100		
129	77.9	9.6	14.4#
127	54.1	11.0	16.4#



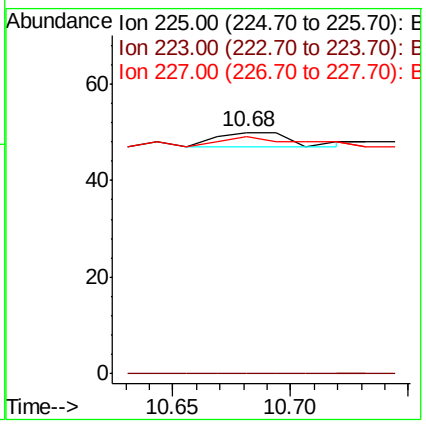


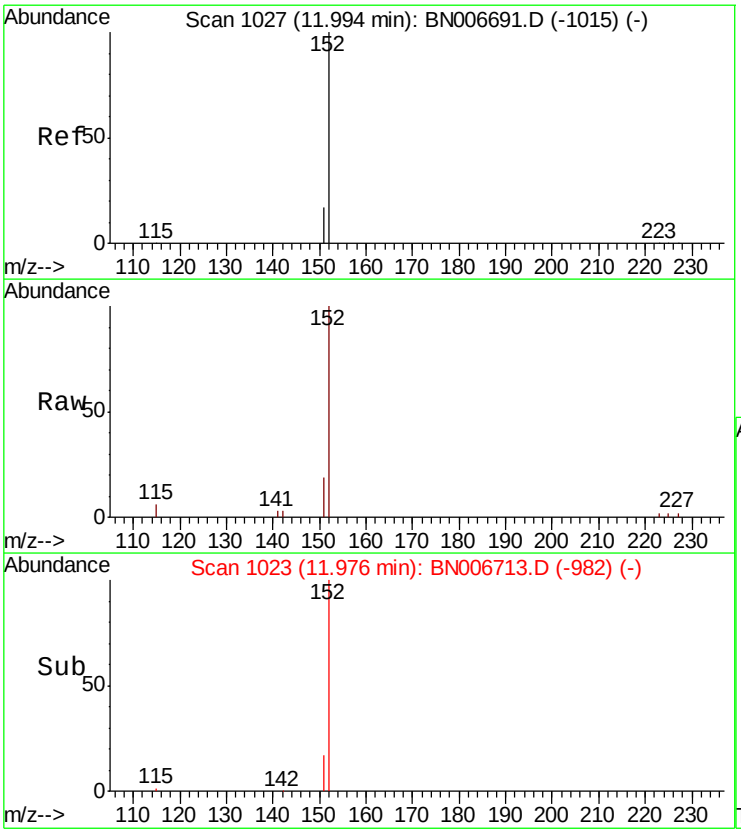
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.68 min Scan# 852
Delta R.T. -0.04 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:225 Resp: 7

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	71.4	50.9	76.3

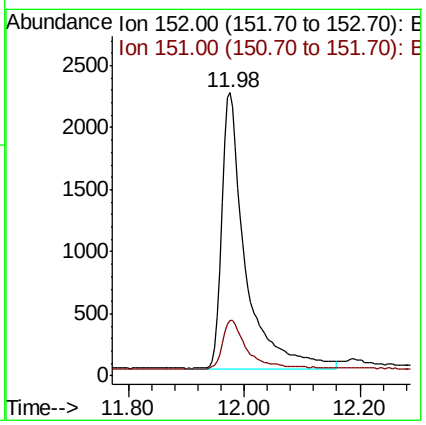


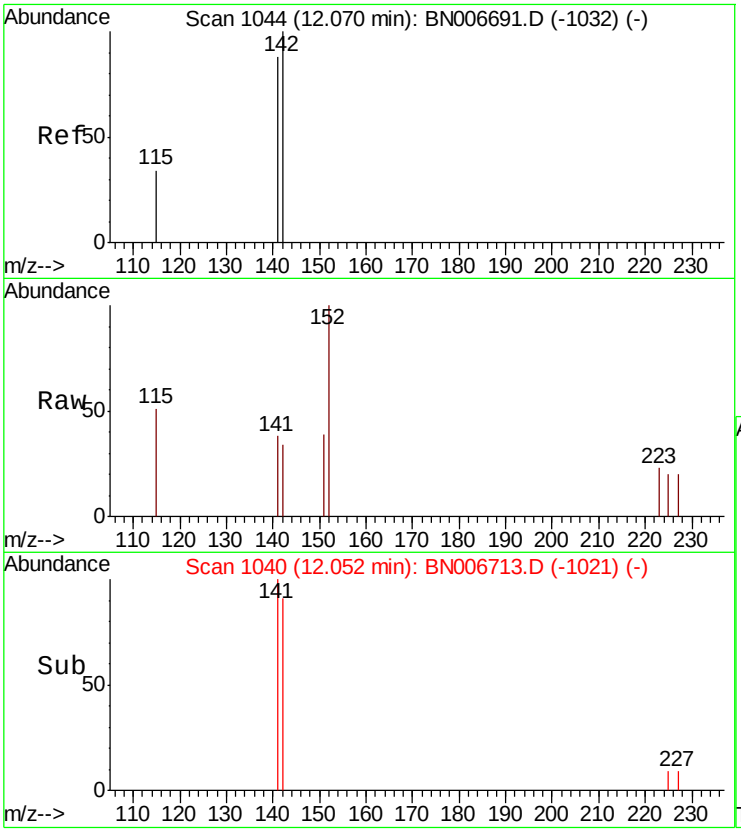


#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:152 Resp: 6255

Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.9	22.3



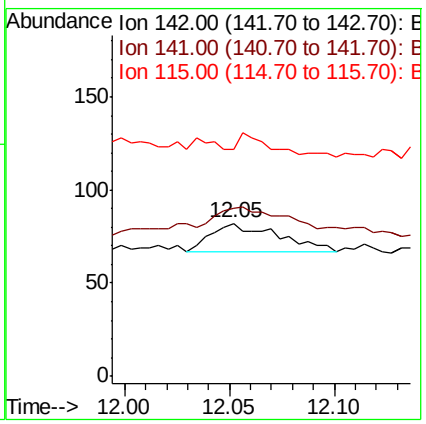


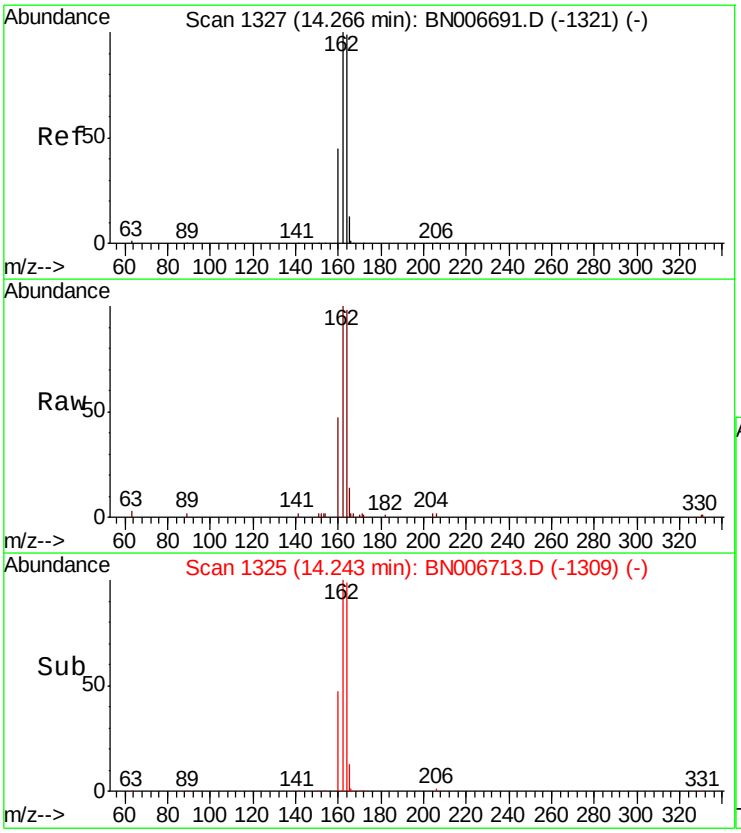
#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.05 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:142 Resp: 33

Ion	Ratio	Lower	Upper
142	100		
141	109.8	70.3	105.5#
115	148.8	28.9	43.3#

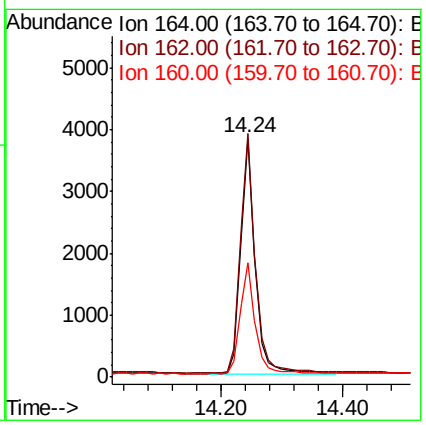


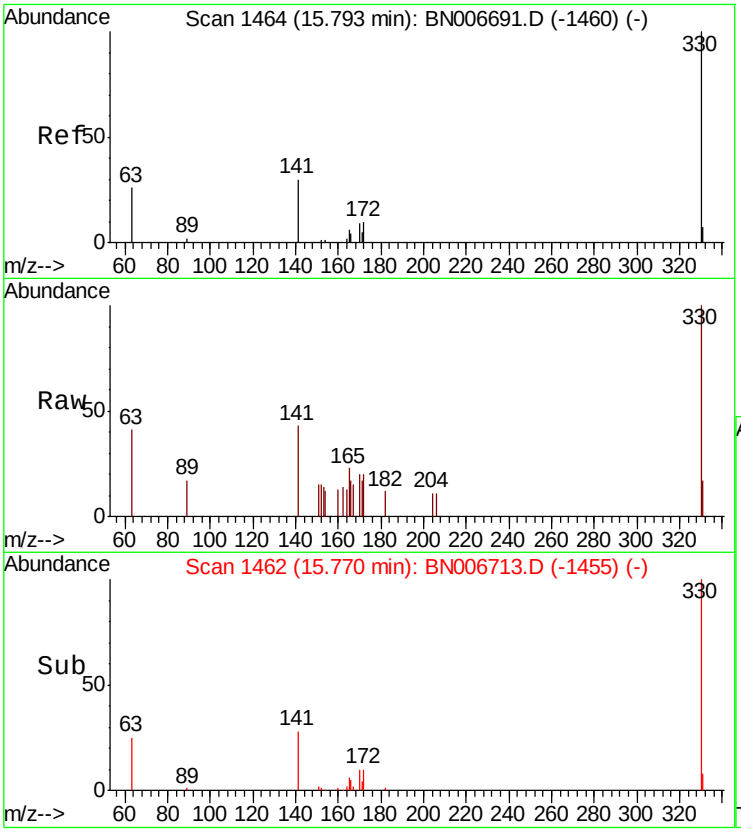


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:164 Resp: 6294

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.8	121.2
160	47.9	37.0	55.6



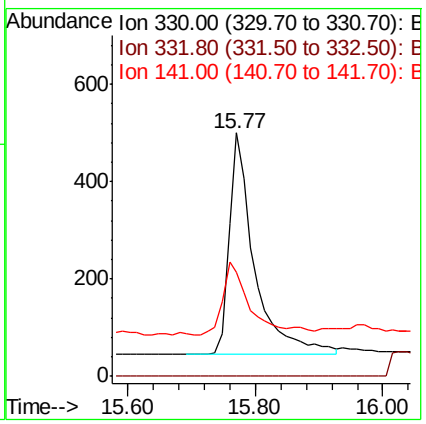


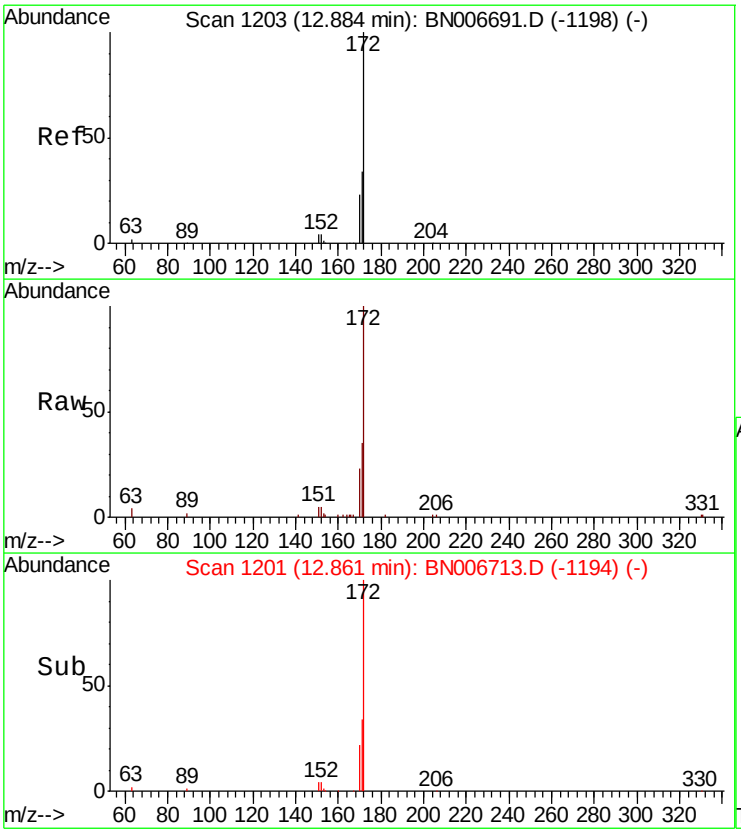
#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:330 Resp: 1252

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.7	24.8	37.2

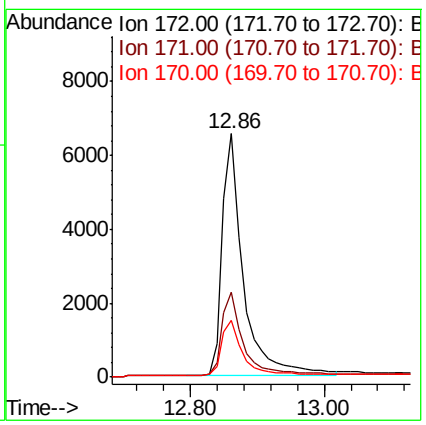


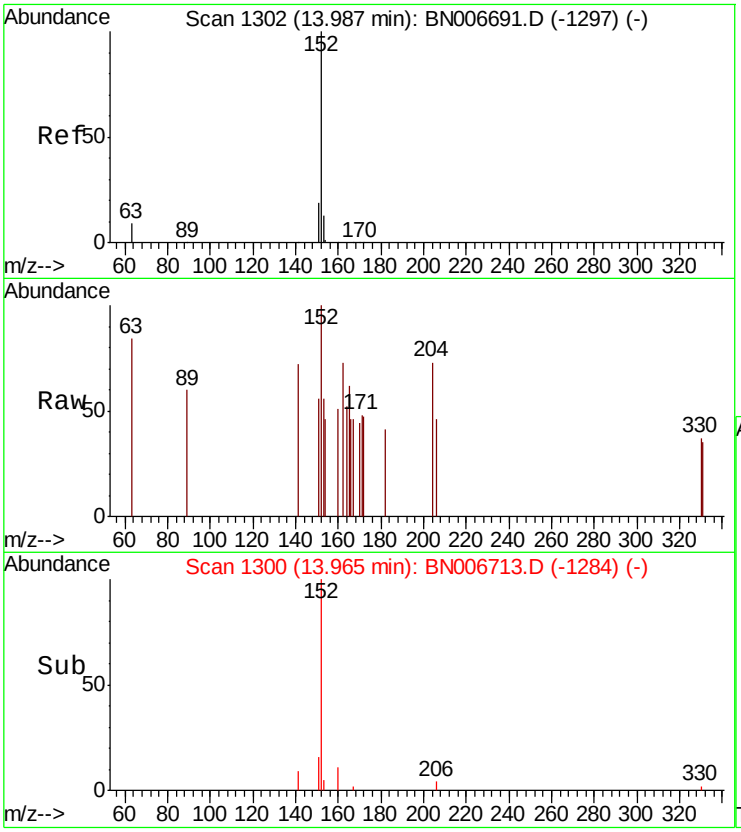


#15
2-Fluorobiphenyl
Concen: 0.582 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:172 Resp: 14331

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.1	18.9	28.3



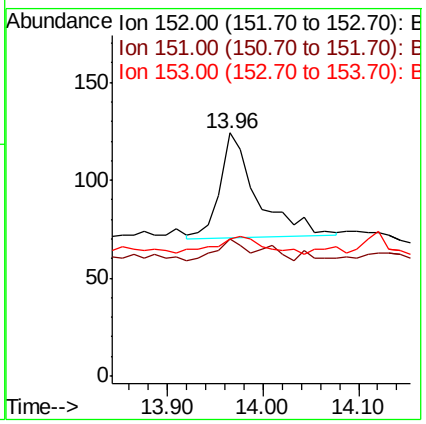


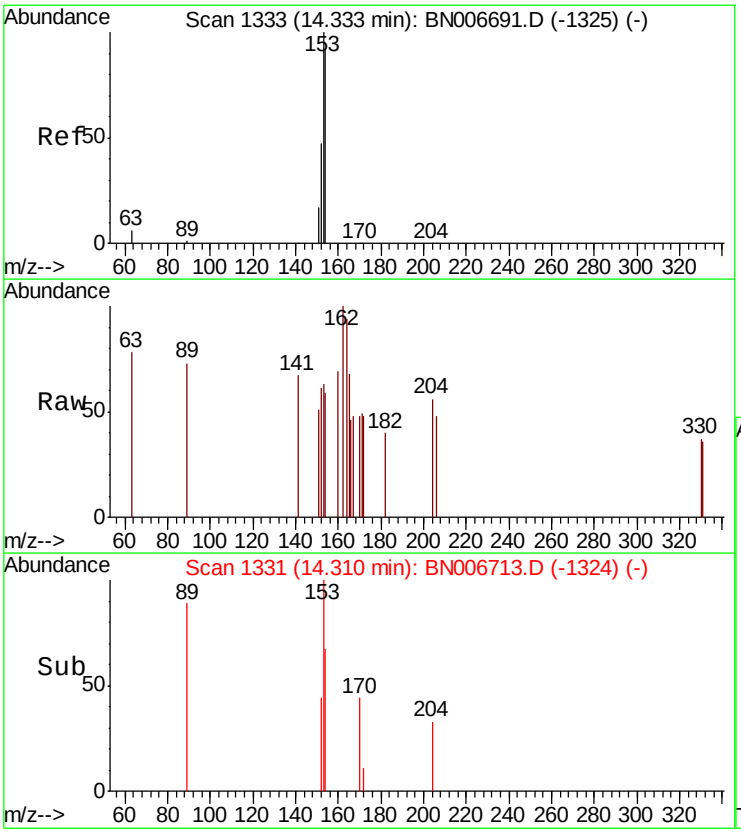
#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:152 Resp: 144

Ion	Ratio	Lower	Upper
152	100		
151	15.3	15.7	23.5#
153	23.6	10.6	15.8#

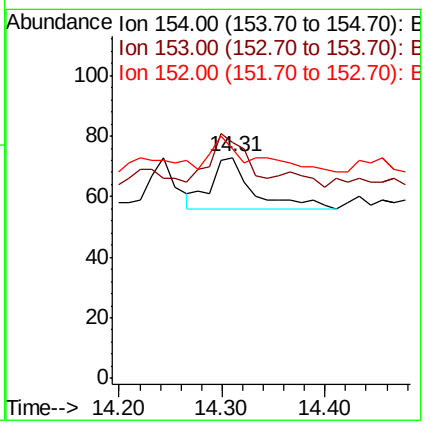


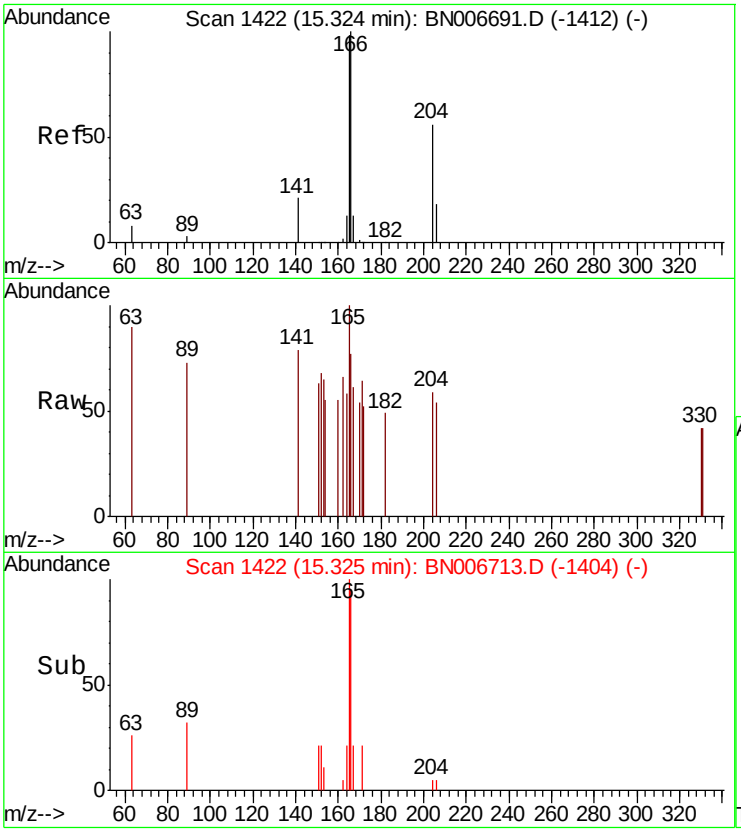


#17
Acenaphthene
Concen: 0.002 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:154 Resp: 48

Ion	Ratio	Lower	Upper
154	100		
153	72.9	88.9	133.3#
152	70.8	42.8	64.2#



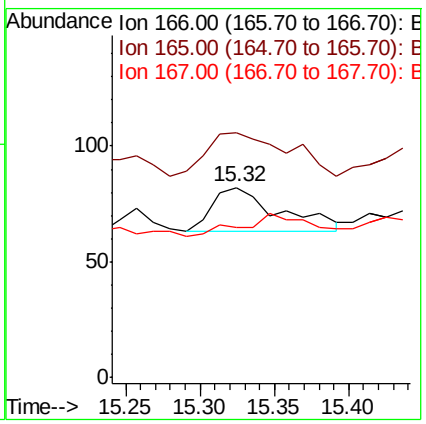


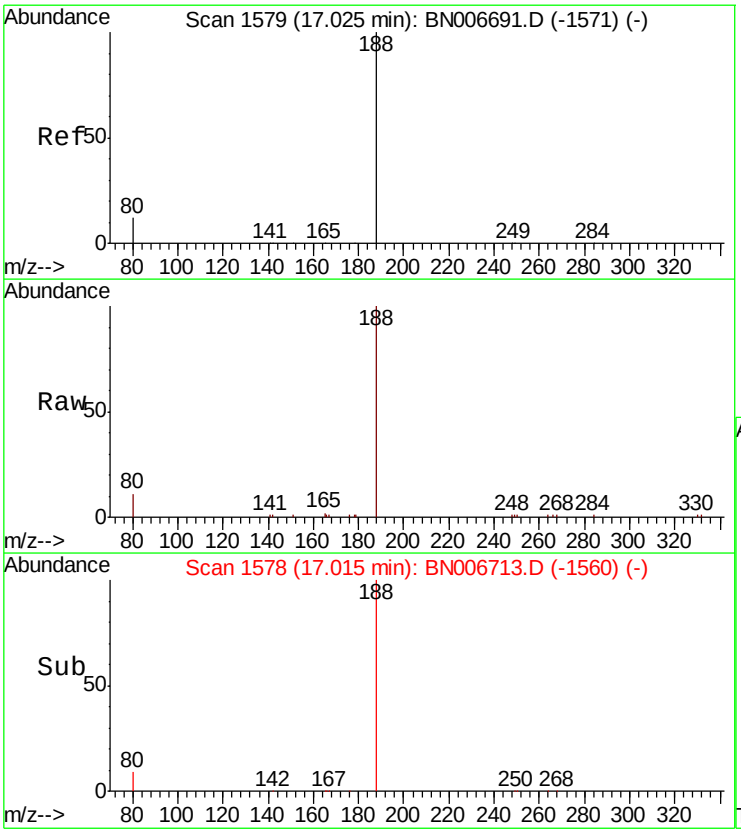
#18
Fluorene
Concen: 0.002 ng
RT: 15.32 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:166 Resp: 60

Ion	Ratio	Lower	Upper
166	100		
165	120.0	78.0	117.0#
167	0.0	10.7	16.1#

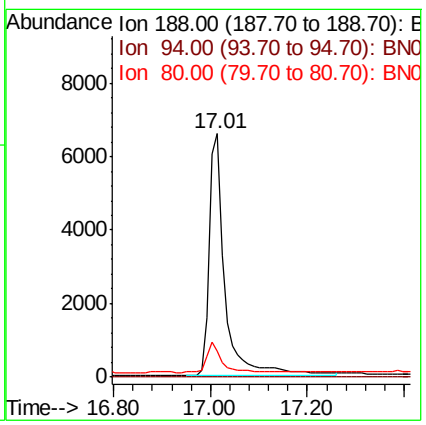


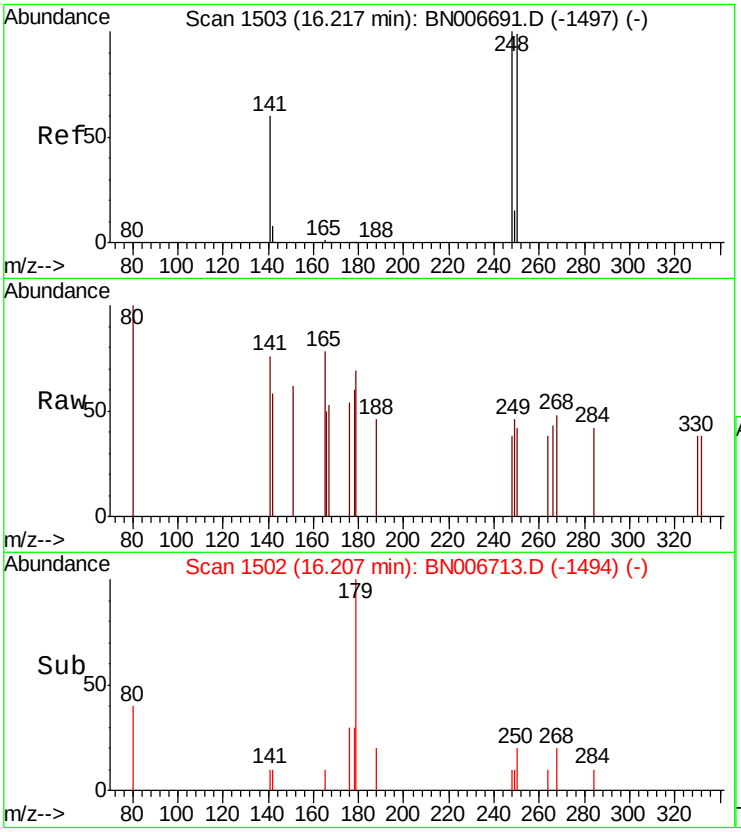


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:188 Resp: 14708

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	10.3	15.5



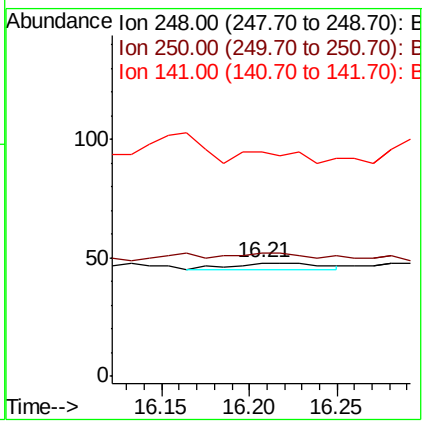


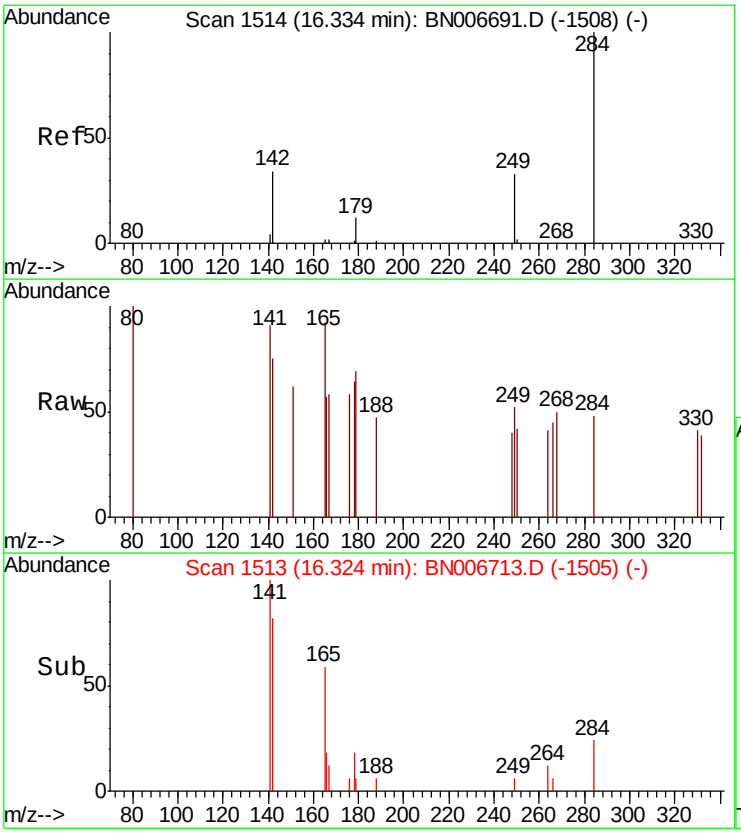
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:248 Resp: 11

Ion	Ratio	Lower	Upper
248	100		
250	108.3	79.0	118.6
141	197.9	50.2	75.4#

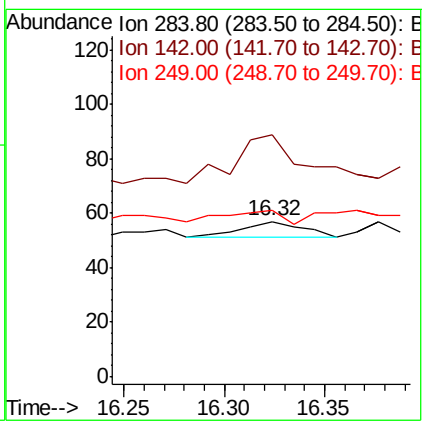


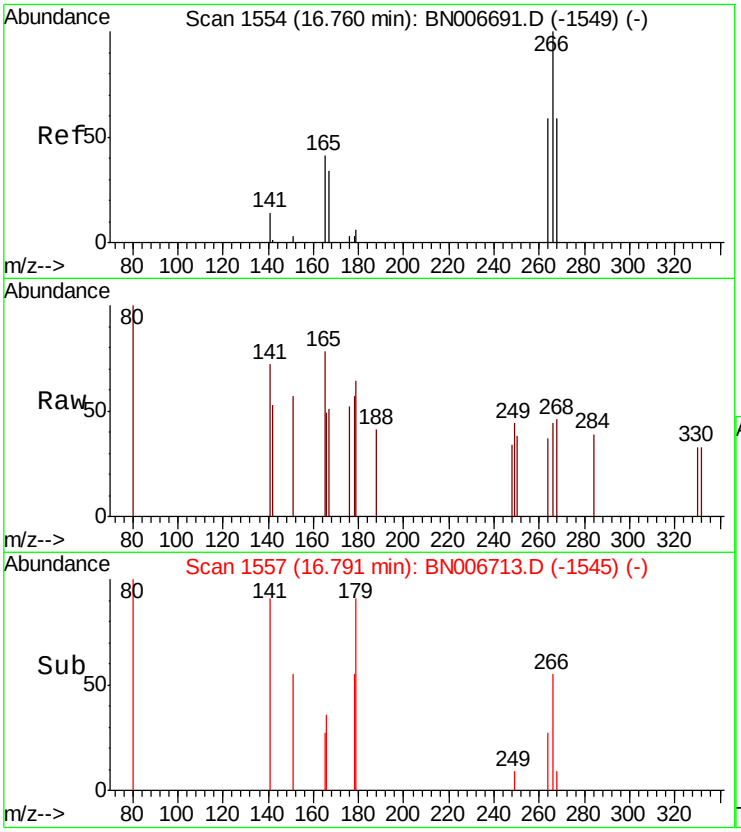


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:284 Resp: 13

Ion	Ratio	Lower	Upper
284	100		
142	238.5	26.9	40.3#
249	76.9	24.4	36.6#



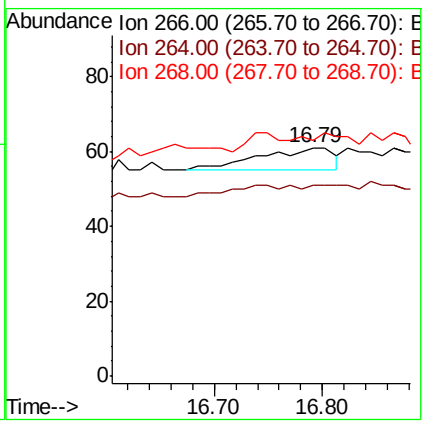


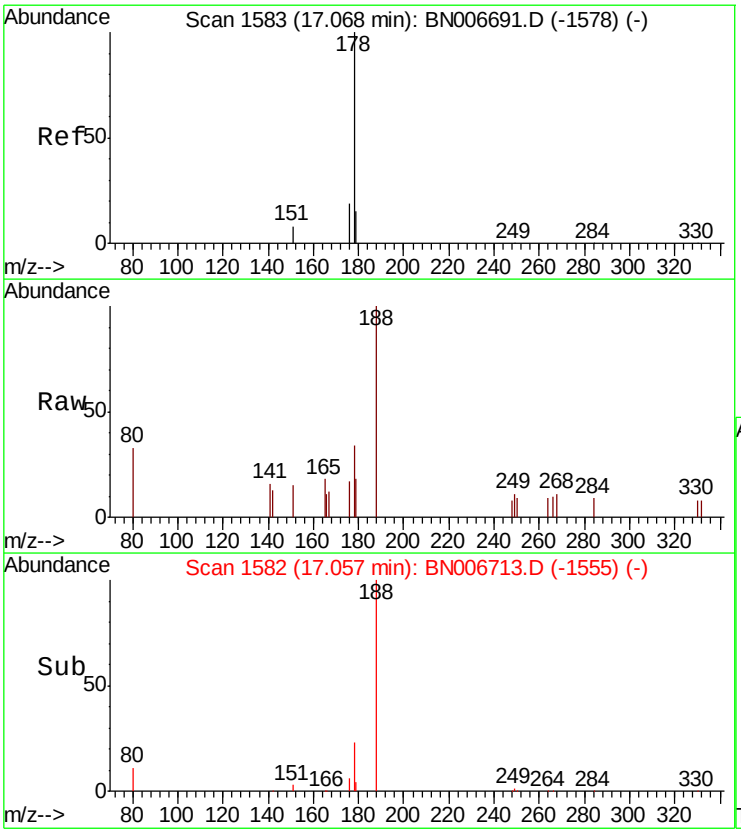
#22
Pentachlorophenol
Concen: 0.132 ng
RT: 16.79 min Scan# 1557
Delta R.T. 0.03 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
264	83.6	57.6	86.4
268	103.3	66.6	99.8#

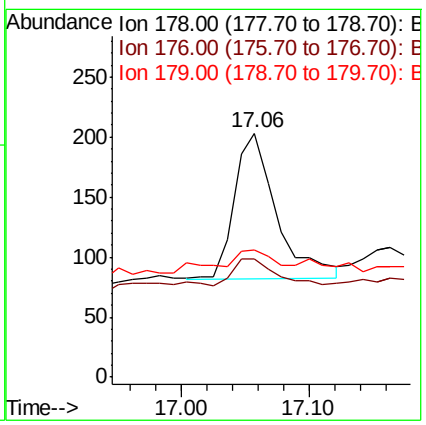


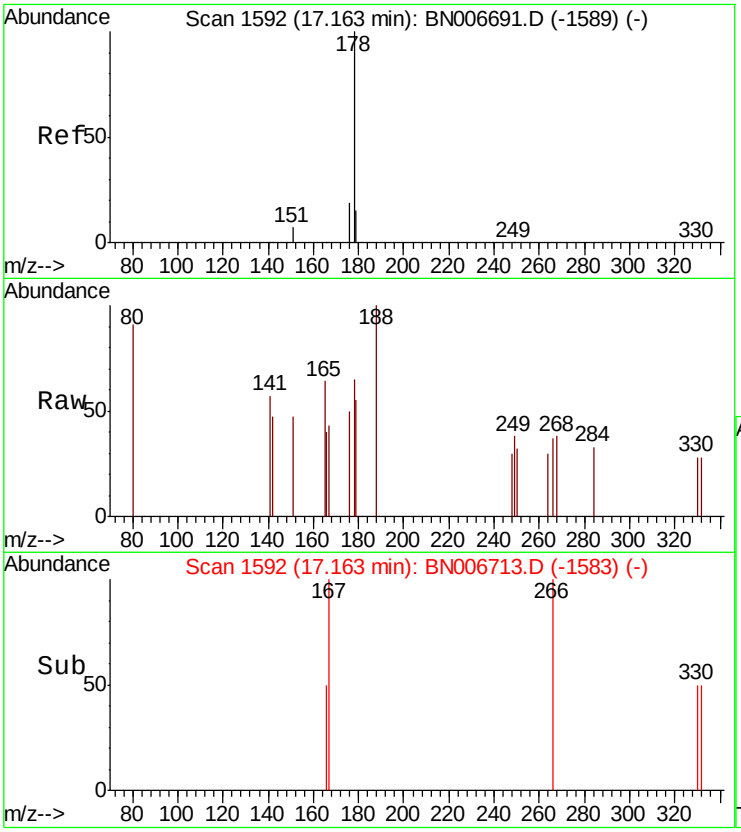


#23
Phenanthrene
Concen: 0.007 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:178 Resp: 283

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	19.8	12.4	18.6#



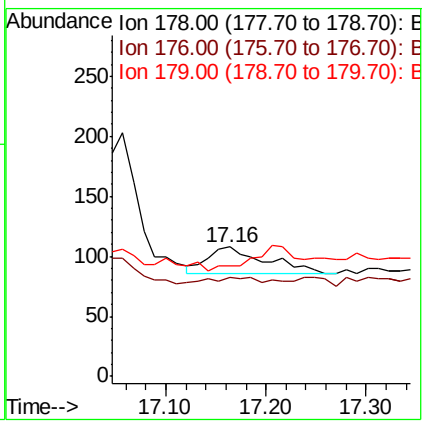


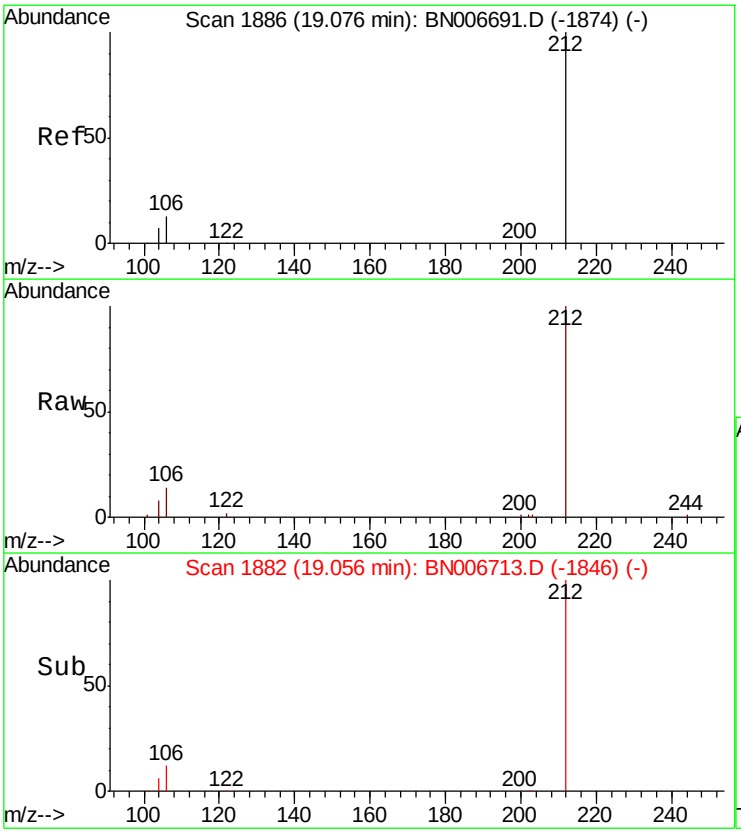
#24
Anthracene
Concen: 0.002 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:178 Resp: 86

Ion	Ratio	Lower	Upper
178	100		
176	22.1	14.8	22.2
179	0.0	11.9	17.9#

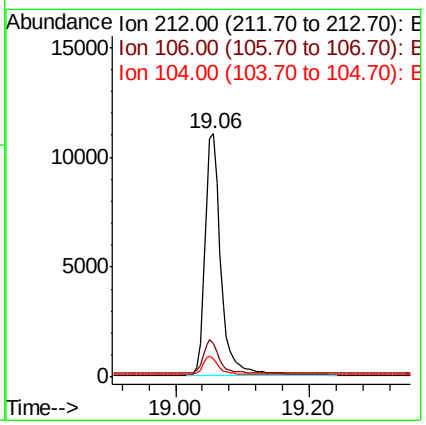


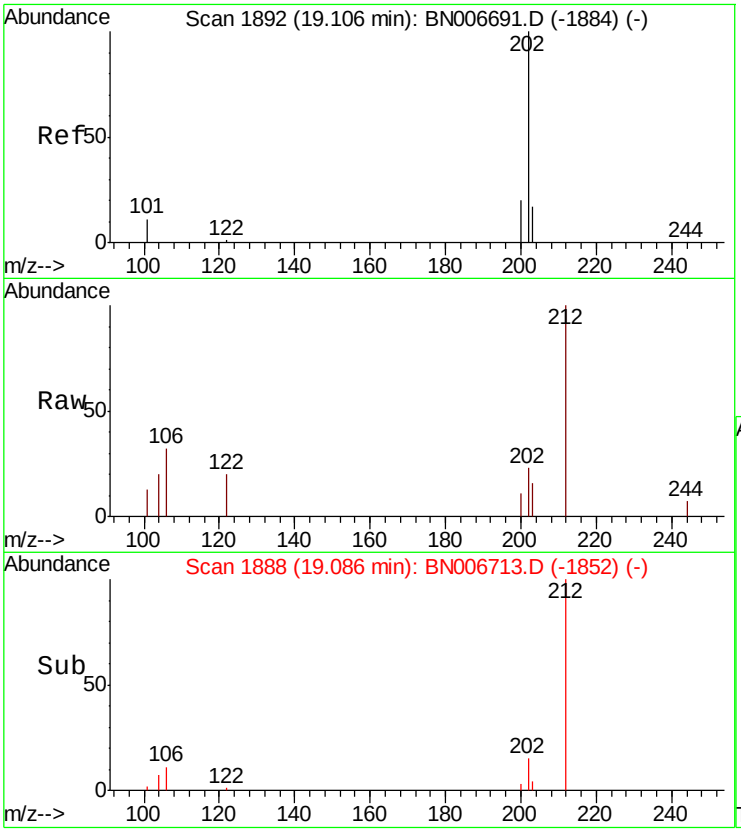


#25
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:212 Resp: 18372

Ion	Ratio	Lower	Upper
212	100		
106	13.2	11.0	16.6
104	7.3	6.1	9.1



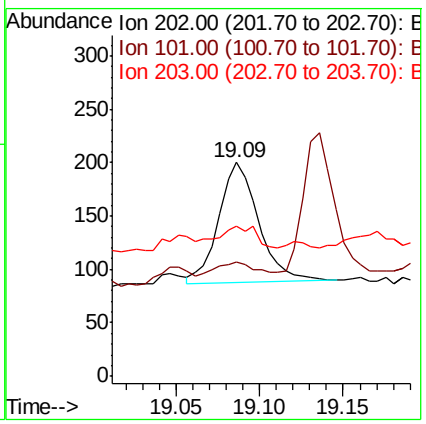


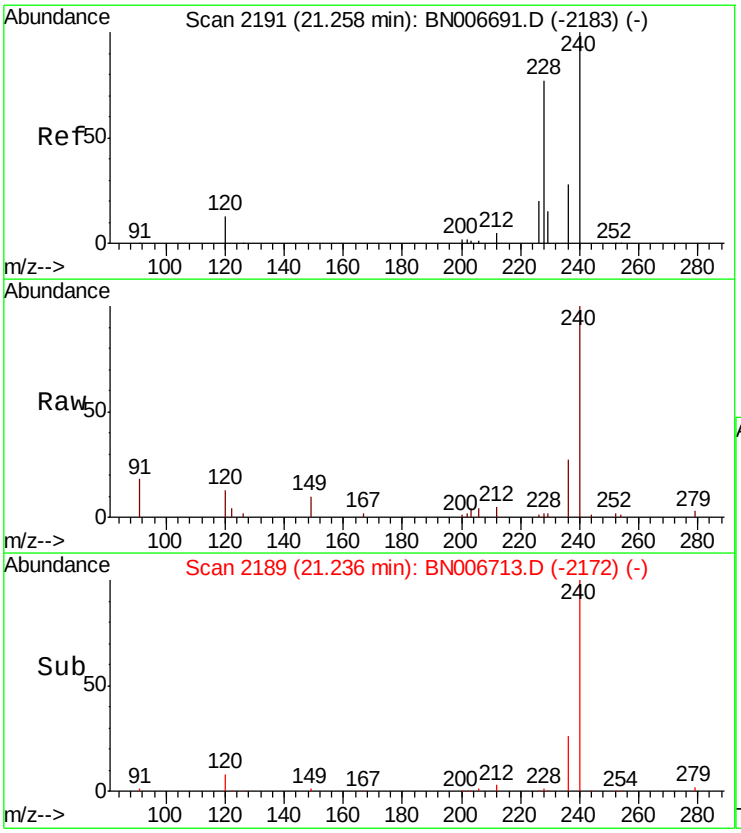
#26
Fluoranthene
Concen: 0.004 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:202 Resp: 188

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.7	13.1
203	19.1	13.8	20.6

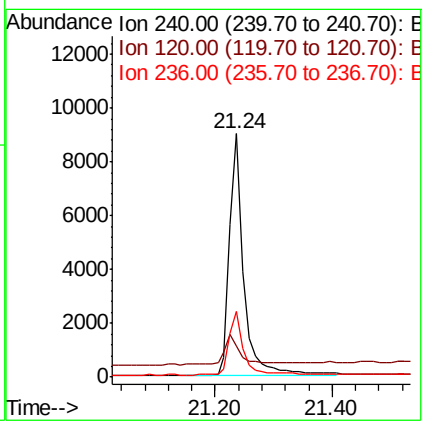


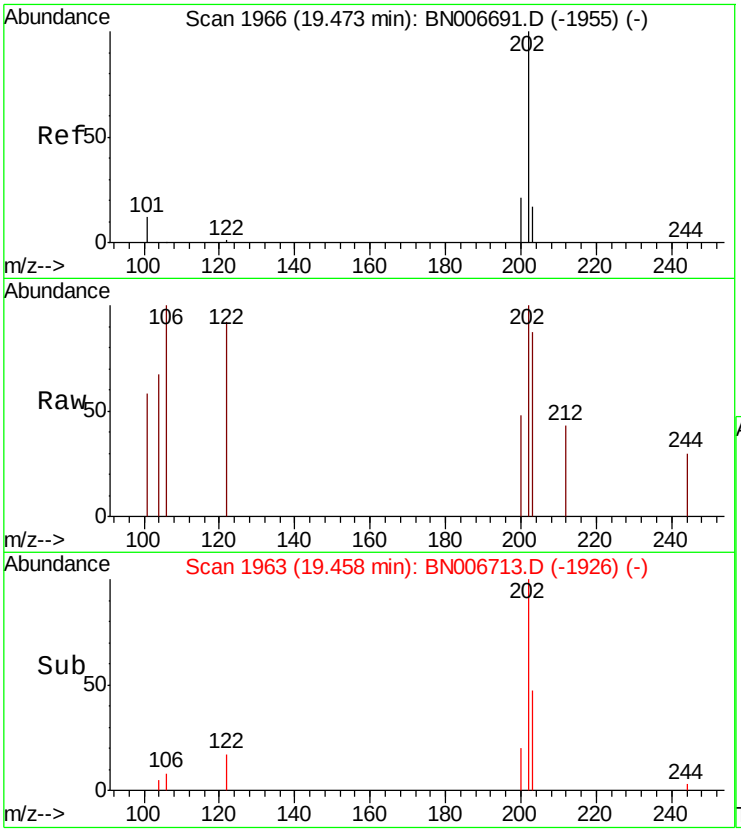


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:240 Resp: 14800

Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	26.7	23.2	34.8



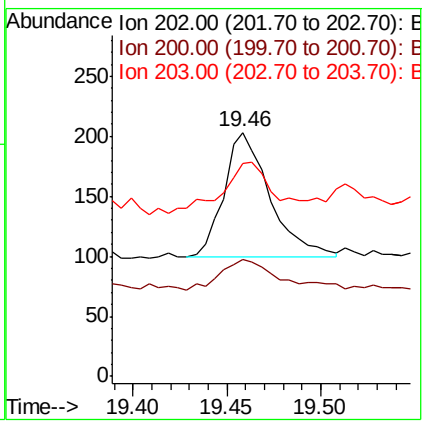


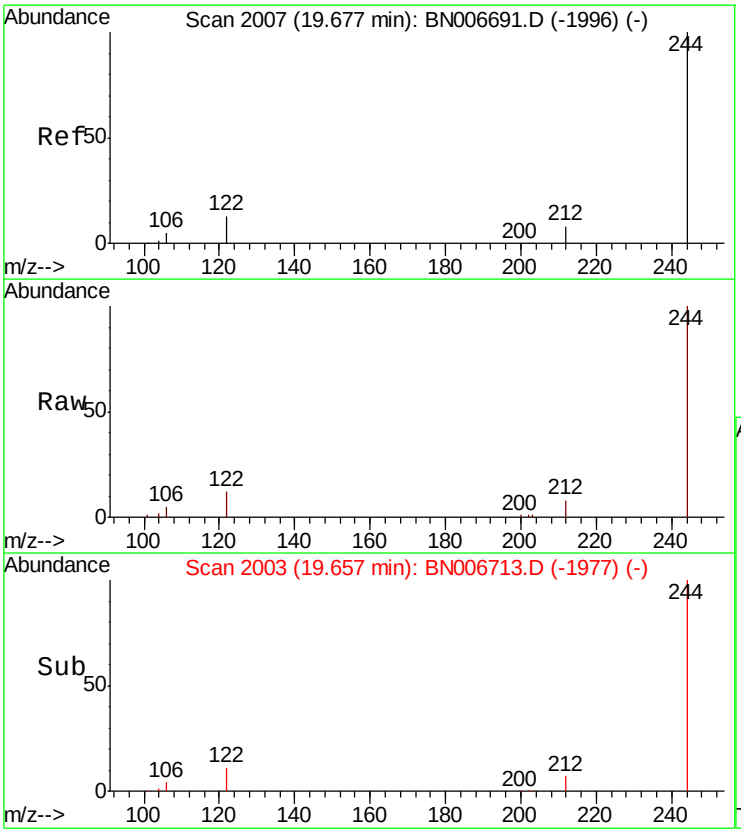
#28
Pyrene
Concen: 0.003 ng
RT: 19.46 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:202 Resp: 174

Ion	Ratio	Lower	Upper
202	100		
200	31.0	16.8	25.2#
203	48.3	14.2	21.2#

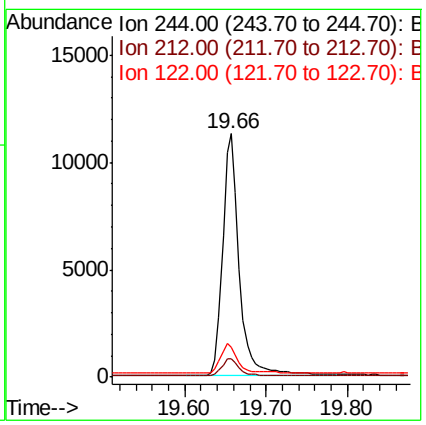


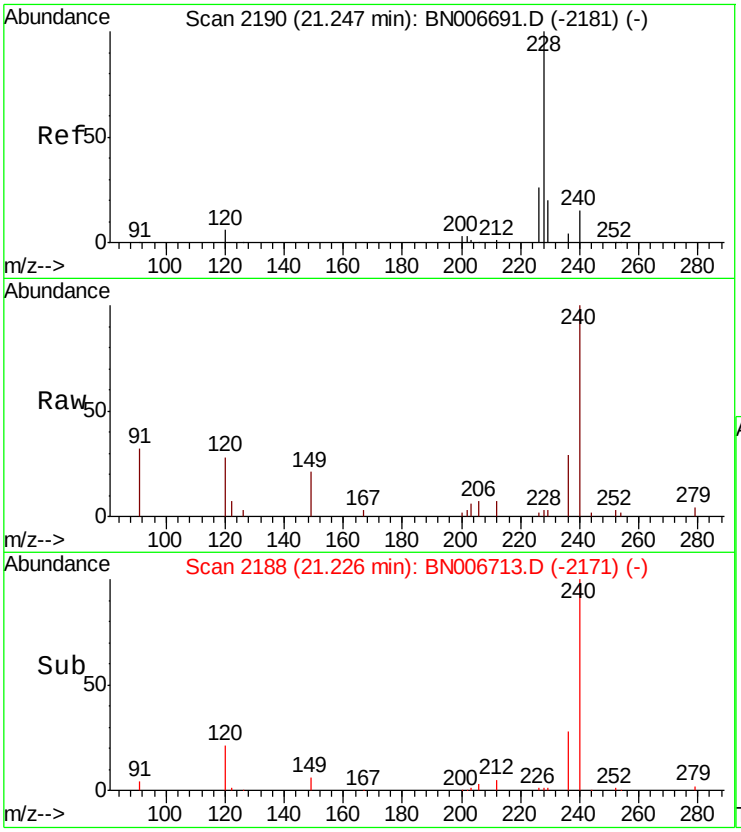


#29
Terphenyl-d14
Concen: 0.475 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:244 Resp: 16181

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.4
122	12.4	11.5	17.3



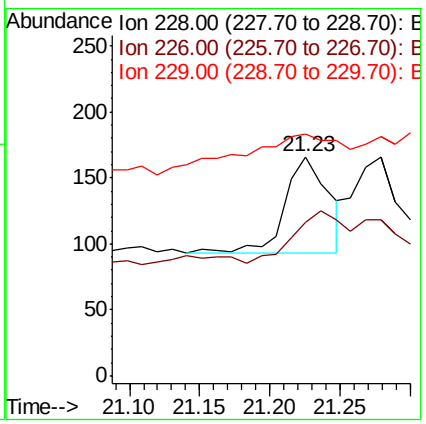


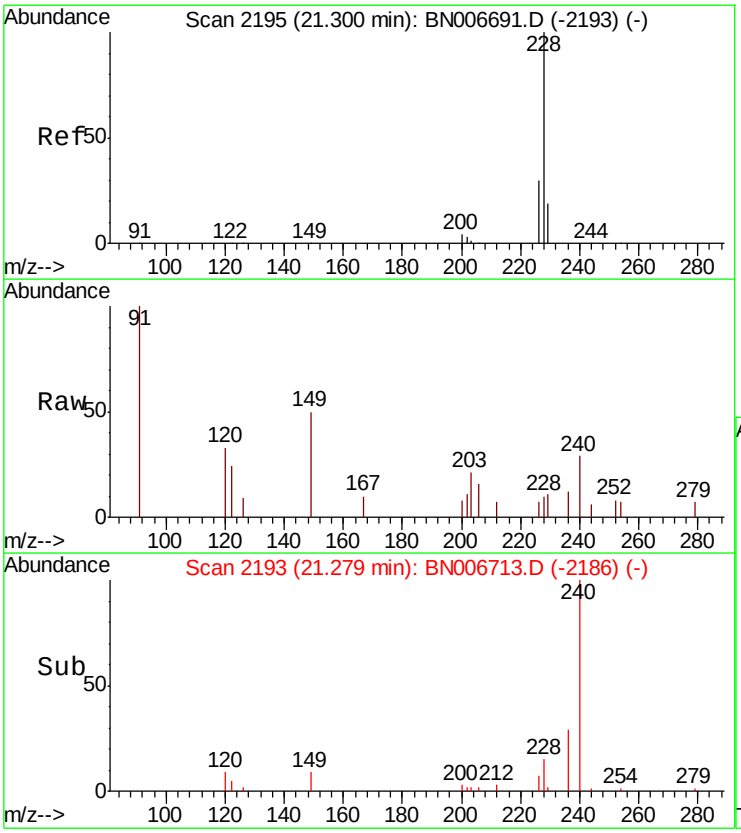
#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:228 Resp: 160

Ion	Ratio	Lower	Upper
228	100		
226	69.9	21.5	32.3#
229	110.2	16.2	24.4#

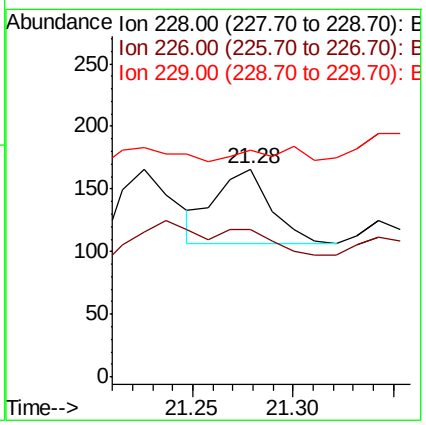


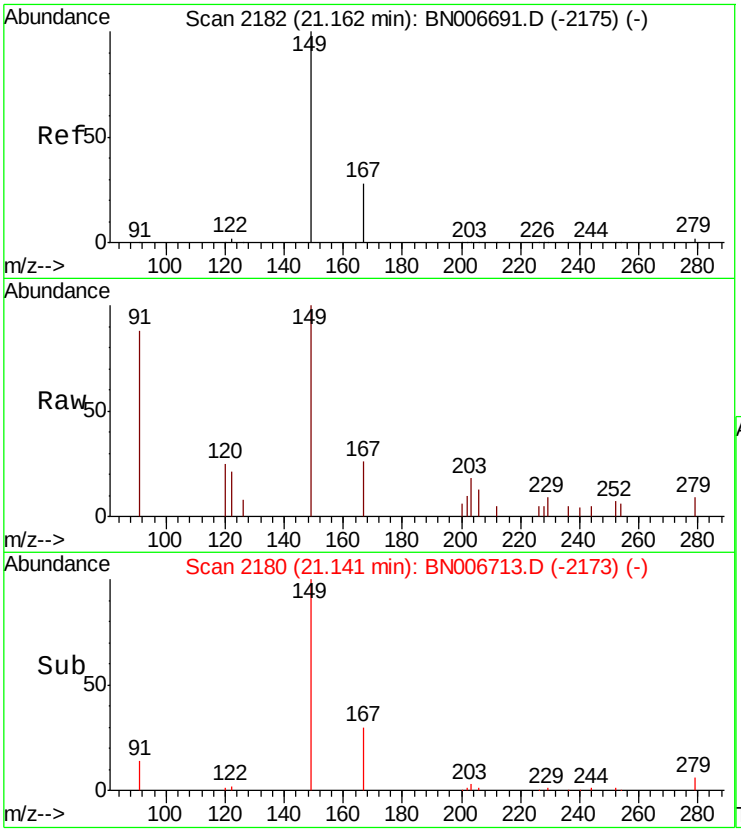


#31
Chrysene
Concen: 0.002 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:228 Resp: 115

Ion	Ratio	Lower	Upper
228	100		
226	71.1	24.2	36.2#
229	109.0	15.8	23.6#



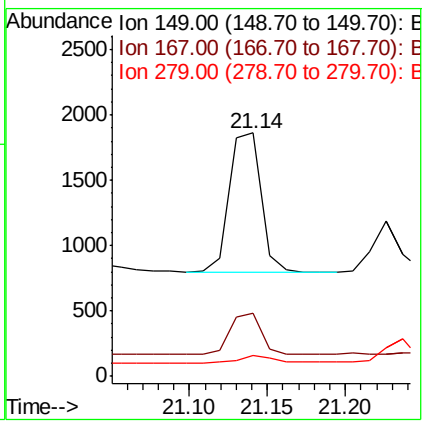


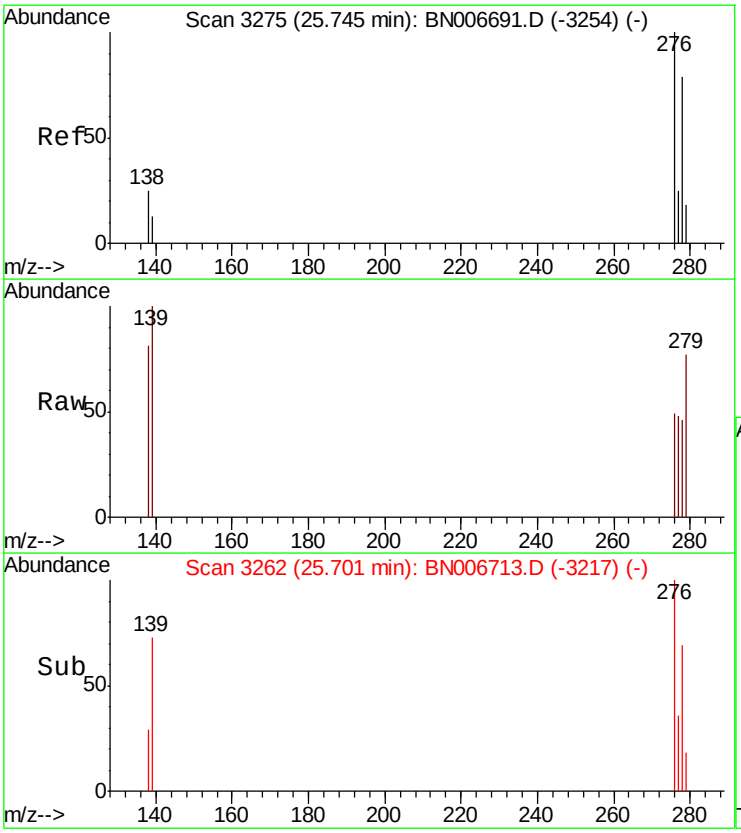
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.010 ng
RT: 21.14 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:149 Resp: 1524

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	5.6	3.2	4.8#

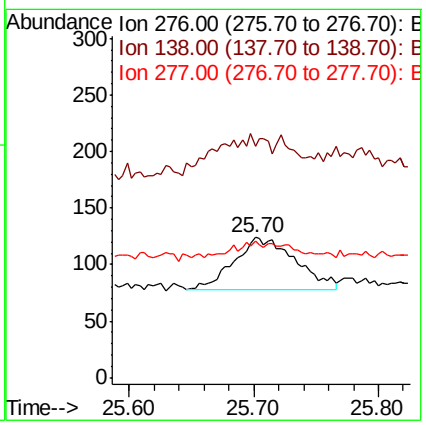


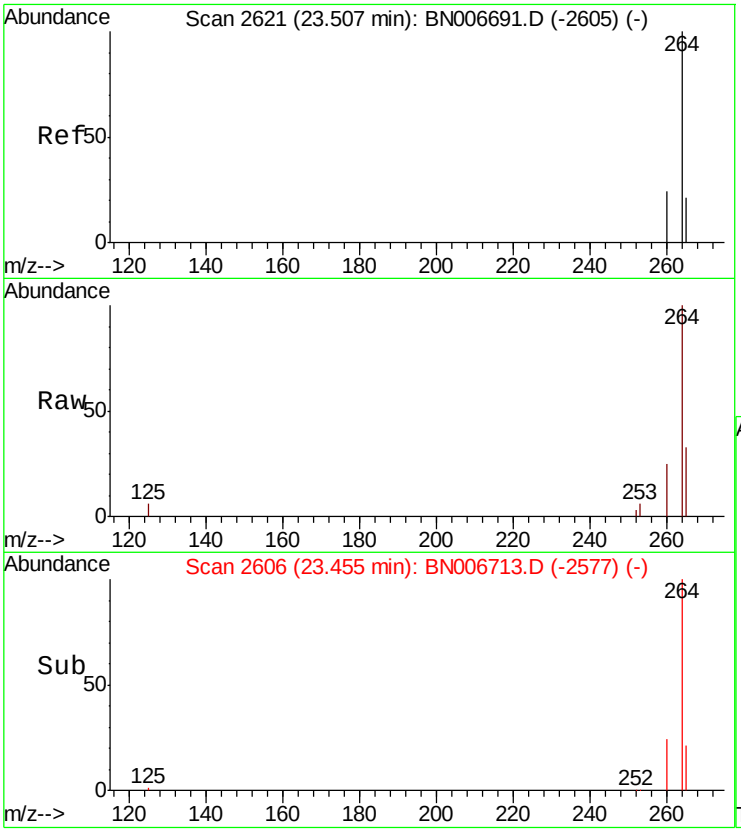


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 25.70 min Scan# 3262
Delta R.T. -0.04 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:276 Resp: 157

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.5	29.3#
277	4.5	19.7	29.5#



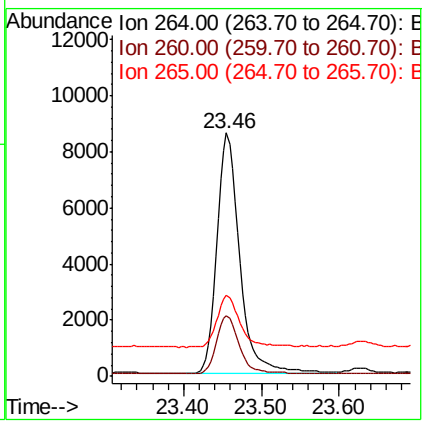


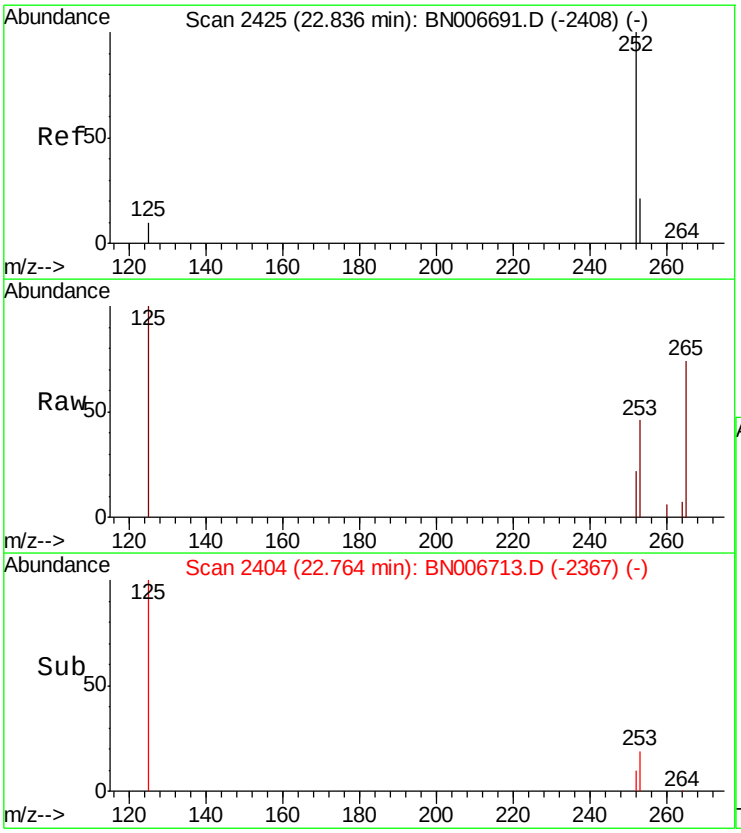
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2606
Delta R.T. -0.05 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:264 Resp: 17326

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	33.1	33.7	50.5#

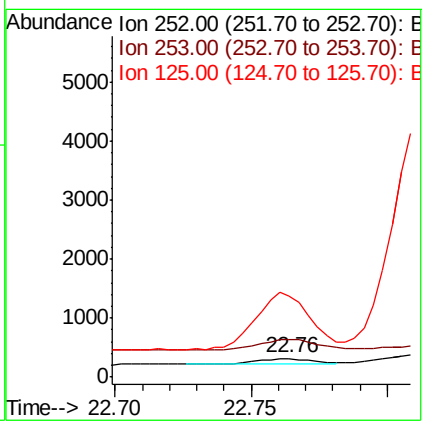


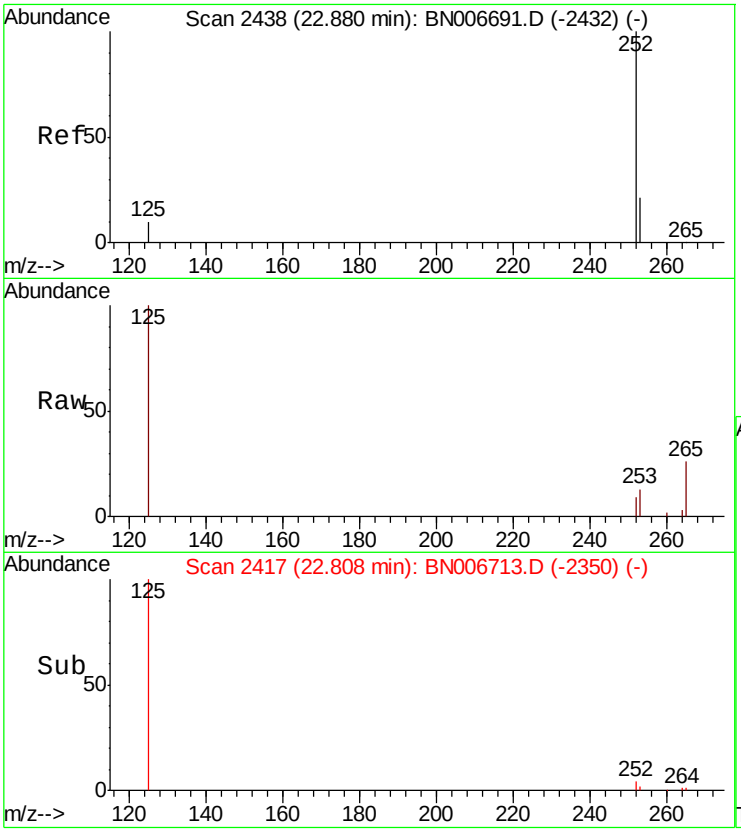


#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.76 min Scan# 2404
Delta R.T. -0.07 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:252 Resp: 128

Ion	Ratio	Lower	Upper
252	100		
253	206.8	20.2	30.2#
125	445.8	11.5	17.3#



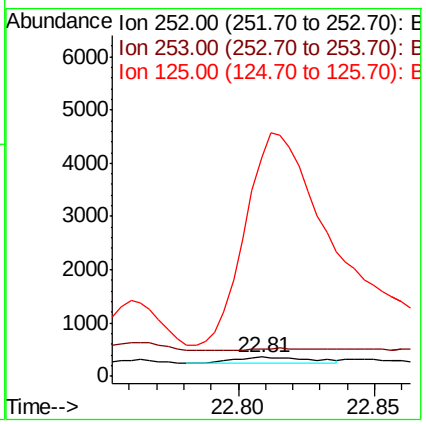


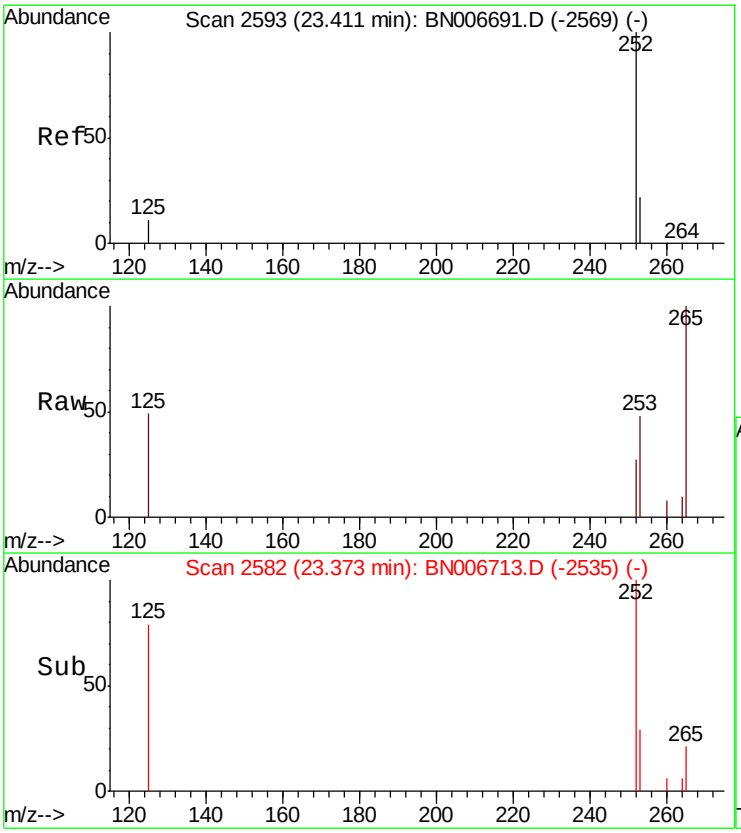
#36
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 22.81 min Scan# 2417
Delta R.T. -0.07 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:252 Resp: 245

Ion	Ratio	Lower	Upper
252	100		
253	141.5	20.1	30.1#
125	1126.8	11.4	17.0#

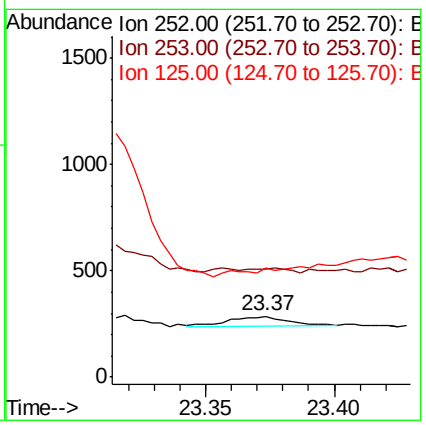


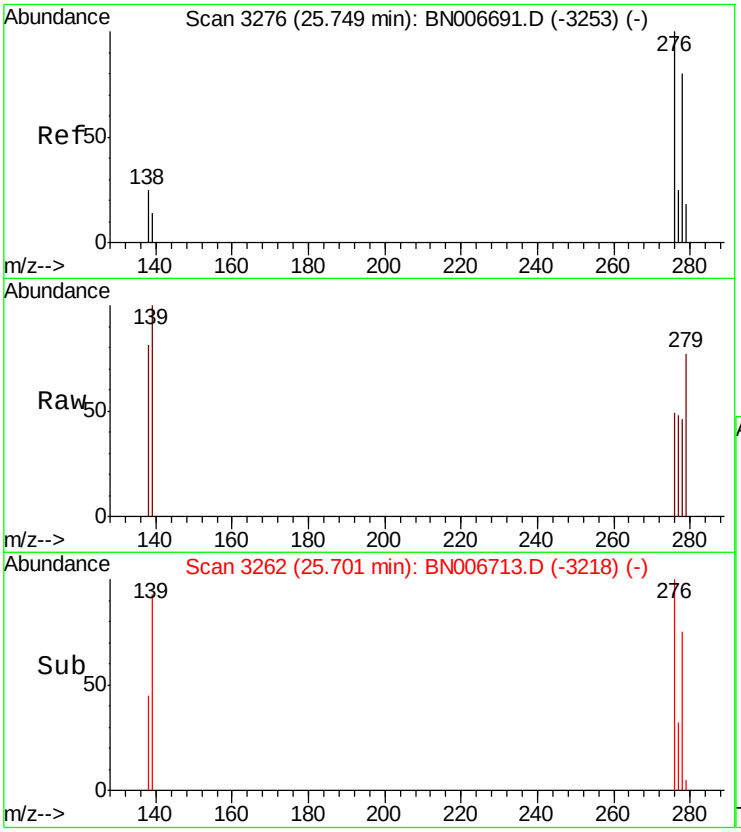


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.37 min Scan# 2582
Delta R.T. -0.04 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:252 Resp: 77

Ion	Ratio	Lower	Upper
252	100		
253	178.2	21.4	32.2#
125	180.4	13.3	19.9#



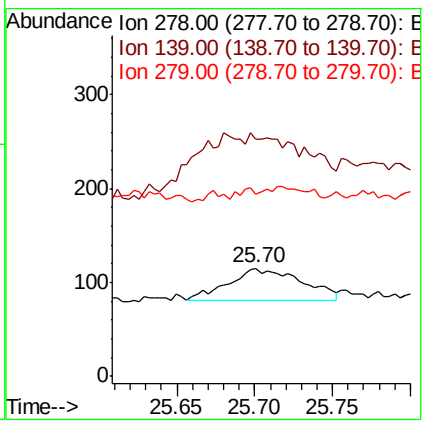


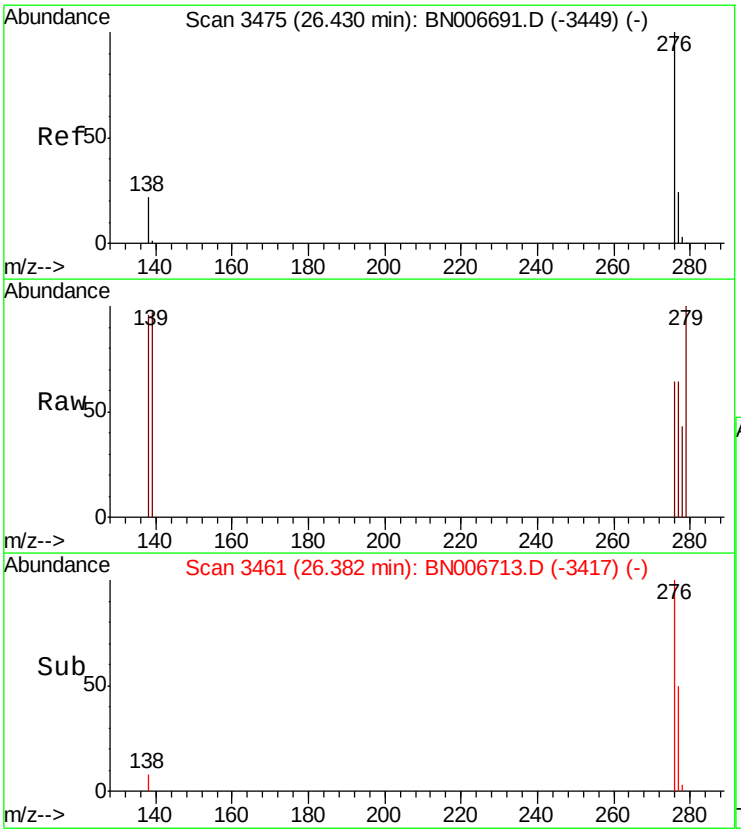
#38
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 25.70 min Scan# 3262
Delta R.T. -0.05 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:278 Resp: 110

Ion	Ratio	Lower	Upper
278	100		
139	219.1	16.2	24.4#
279	168.7	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 26.38 min Scan# 3461
Delta R.T. -0.05 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:276 Resp: 170

Ion	Ratio	Lower	Upper
276	100		
277	100.8	20.6	30.8#
138	151.6	19.7	29.5#