Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003193.D
Acq On : 17 Oct 2018 22:58
Operator : MJ/SJ
Sample : J5364-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : KY038PS036-181008

Quant Time: Oct 18 15:40:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	663	0.40	ng	0.04
7) Naphthalene-d8	10.49	136	3280	0.40	ng	0.06
13) Acenaphthene-d10	14.29	164	2728	0.40	ng	0.01
19) Phenanthrene-d10	17.04	188	7474	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	10357	0.40	ng	0.00
34) Perylene-d12	23.47	264	11007	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	213	0.15	ng	0.04
5) Phenol-d6	7.02	99	85	0.04	ng	0.08
8) Nitrobenzene-d5	9.03	82	418	0.20	ng	0.17
11) 2-Methylnaphthalene-d10	12.09	152	1929	0.35	ng	0.05
14) 2,4,6-Tribromophenol	15.83	330	376	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	3166	0.29	ng	0.01
25) Fluoranthene-d10	19.08	212	9105	0.39	ng	0.00
29) Terphenyl-d14	19.66	244	10595	0.47	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	114	0.066	ng	# 46
3) n-Nitrosodimethylamine	3.59	42	10	0.168	ng	# 1
6) bis(2-Chloroethyl)ether	7.14	93	3	0.002	ng	# 25
9) Naphthalene	10.54	128	17	0.002	ng	# 1
10) Hexachlorobutadiene	10.78	225	2	0.001	ng	# 81
12) 2-Methylnaphthalene	12.21	142	2	0.000	ng	# 54
16) Acenaphthylene	14.02	152	2	0.000	ng	# 61
17) Acenaphthene	14.34	154	2	0.000	ng	# 1
18) Fluorene	15.37	166	61	0.006	ng	# 1
20) 4-Bromophenyl-phenylether	16.19	248	4	0.001	ng	# 12
21) Hexachlorobenzene	16.36	284	5	0.001	ng	# 23
22) Pentachlorophenol	16.72	266	11	0.093	ng	# 73
23) Phenanthrene	17.09	178	1188	0.061	ng	98
24) Anthracene	17.24	178	70	0.004	ng	# 1
26) Fluoranthene	19.11	202	141	0.006	ng	# 93
28) Pyrene	19.47	202	155	0.005	ng	# 28
30) Benzo(a)anthracene	21.29	228	348	0.012	ng	# 13
31) Chrysene	21.29	228	335	0.011	ng	# 17
32) Bis(2-ethylhexyl)phthalate	21.12	149	1204	0.081	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.73	276	3	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.83	252	176	0.006	ng	# 1
36) Benzo(k)fluoranthene	22.83	252	176	0.005	ng	# 1
37) Benzo(a)pyrene	23.40	252	35	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.71	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.37	276	2	0.000	ng	# 1

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

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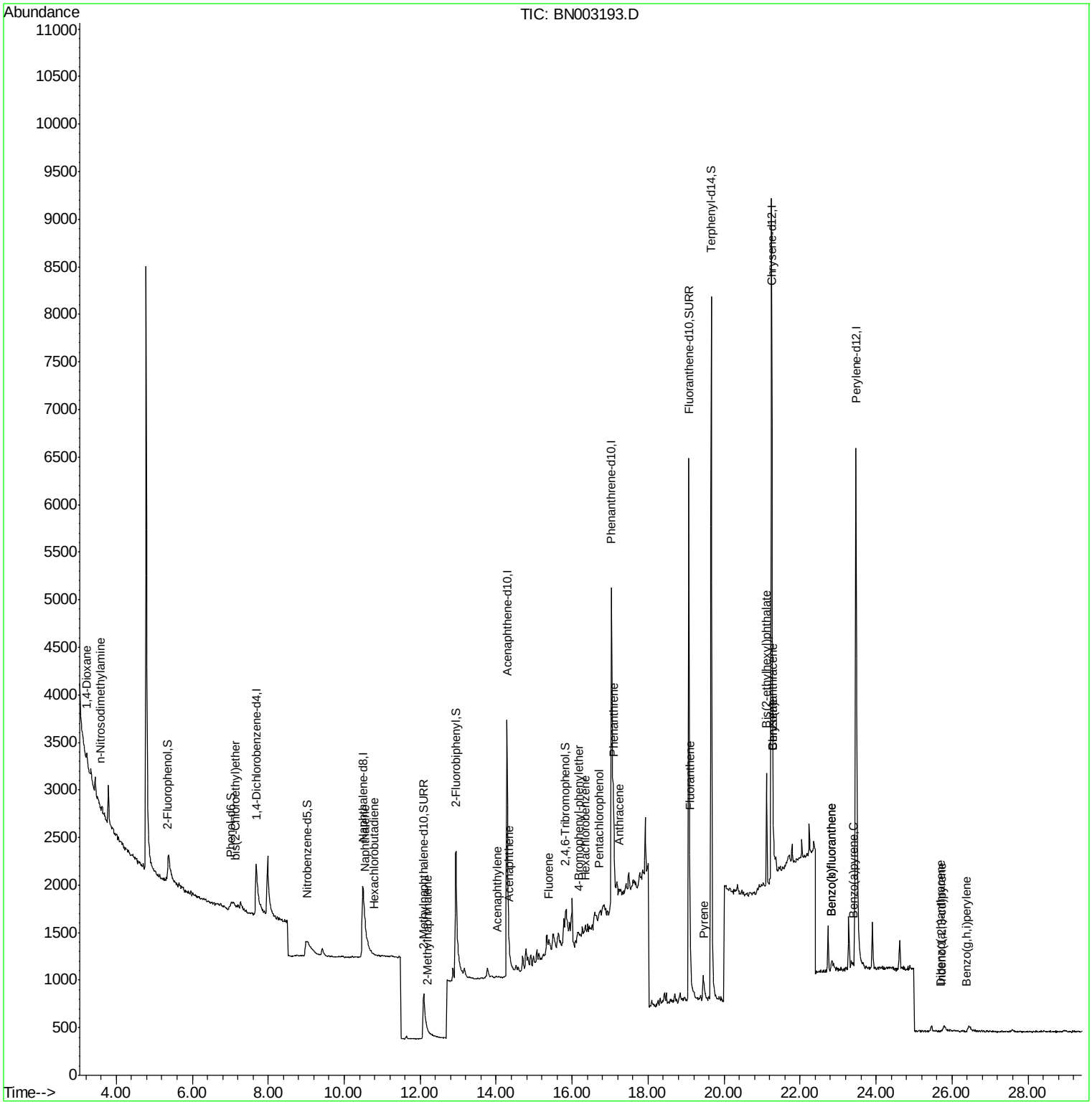
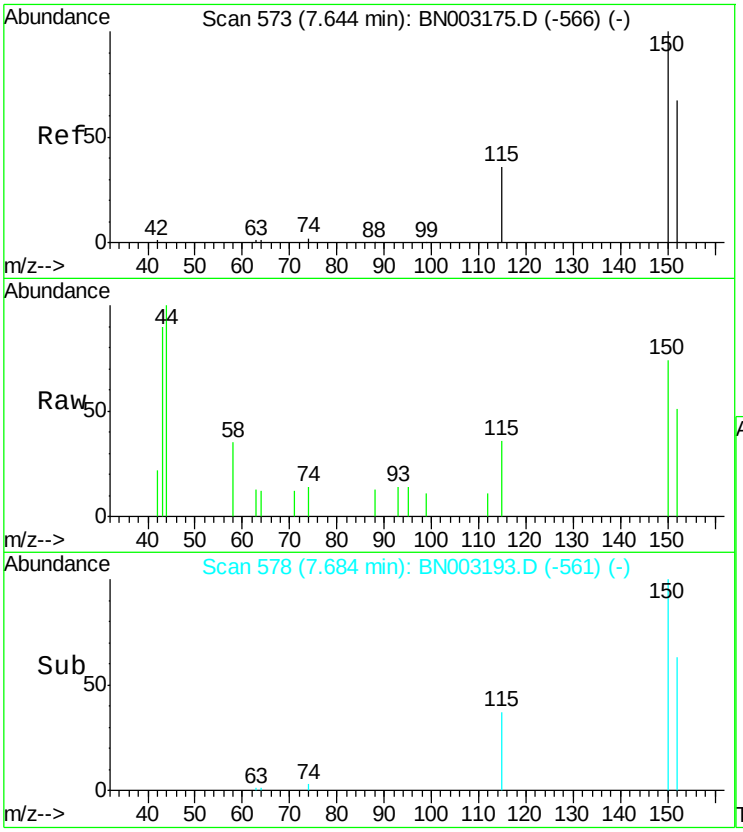
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Quant Time: Oct 18 15:40:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration



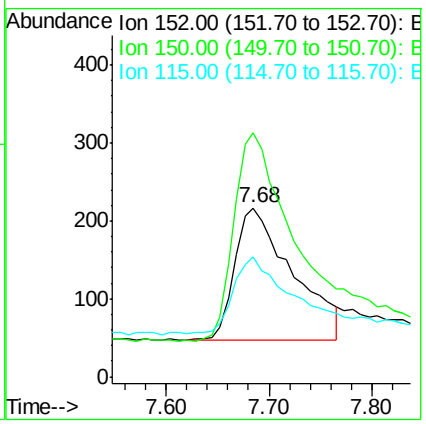


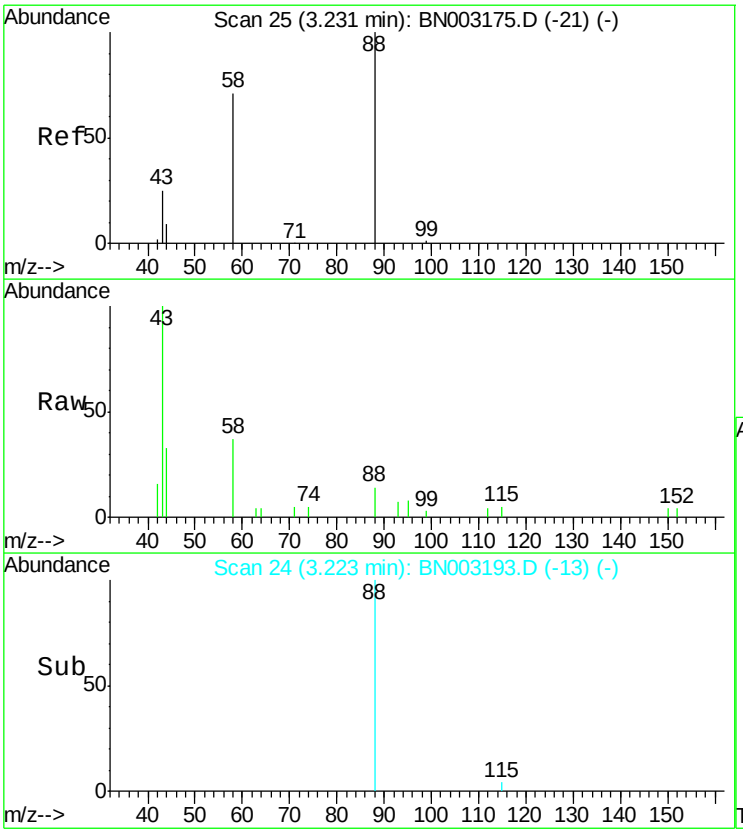
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. 0.04 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:152 Resp: 663

Ion	Ratio	Lower	Upper
152	100		
150	144.2	126.2	189.4
115	70.5	49.8	74.6

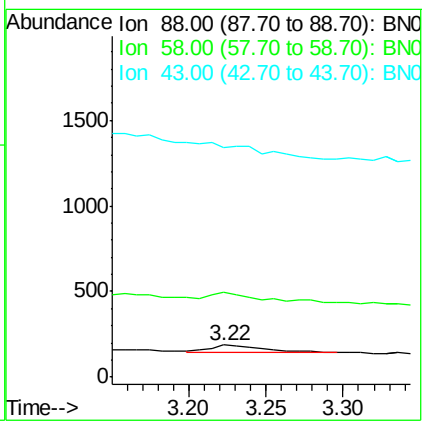


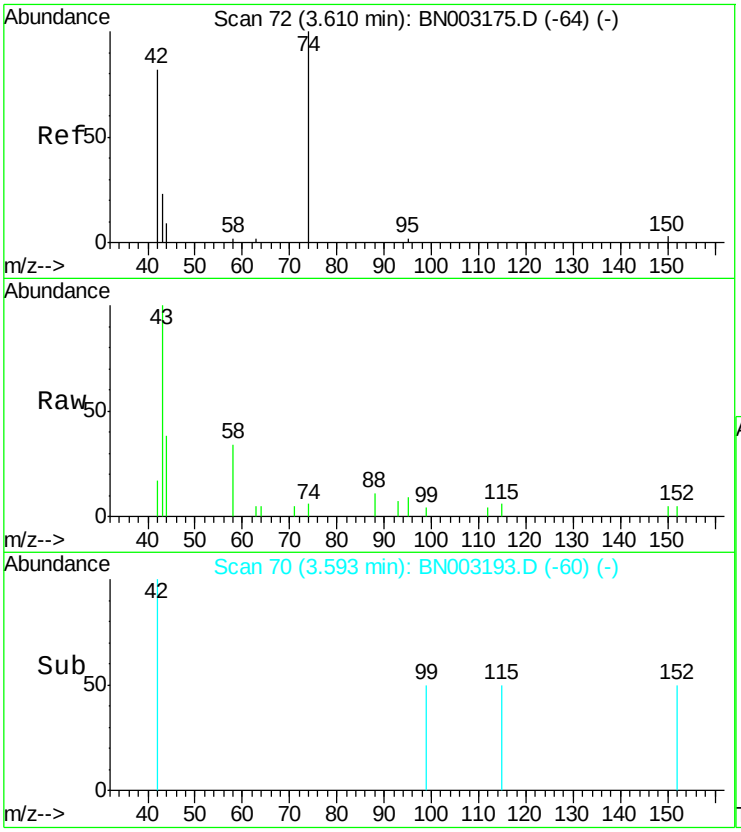


#2
1,4-Dioxane
Concen: 0.066 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion: 88 Resp: 114

Ion	Ratio	Lower	Upper
88	100		
58	131.6	66.7	100.1#
43	0.0	24.6	37.0#



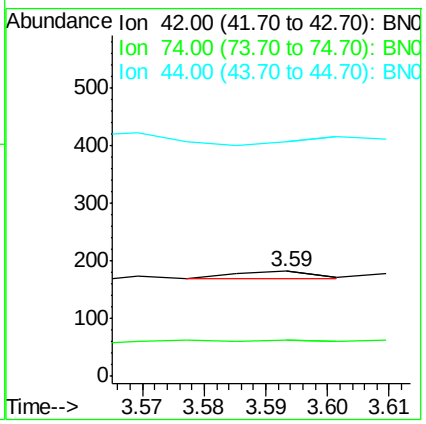


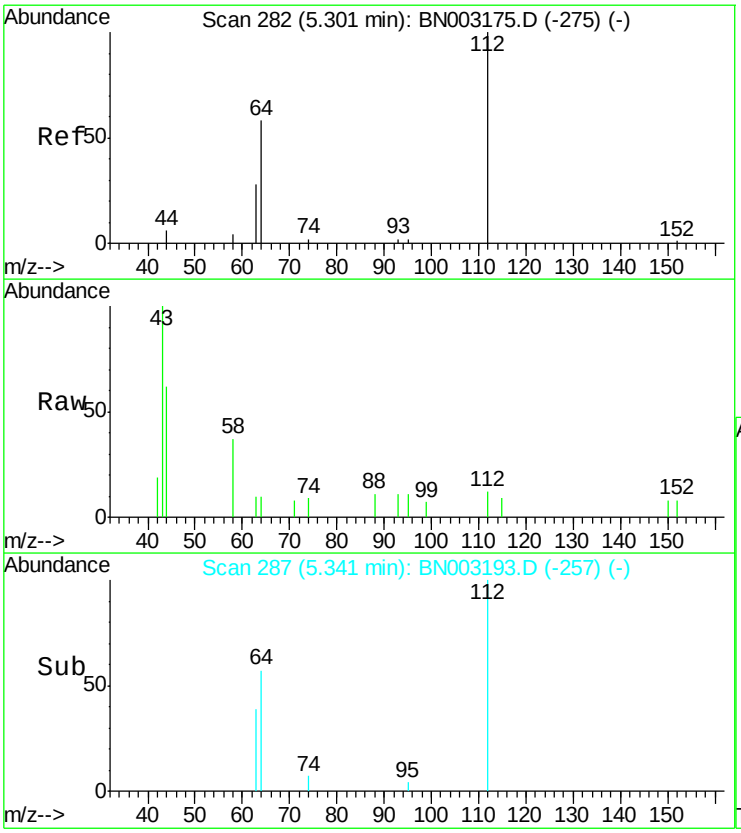
#3
n-Nitrosodimethylamine
Concen: 0.168 ng
RT: 3.59 min Scan# 70
Delta R.T. -0.02 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.9	154.3#
44	240.0	0.0	0.0#

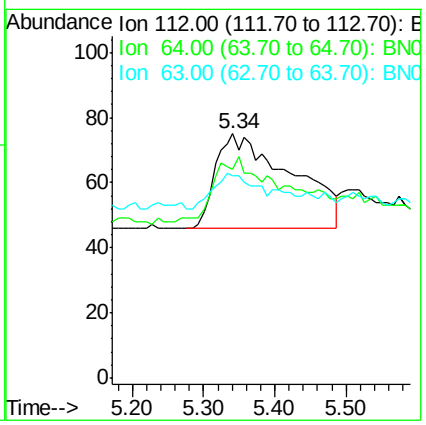


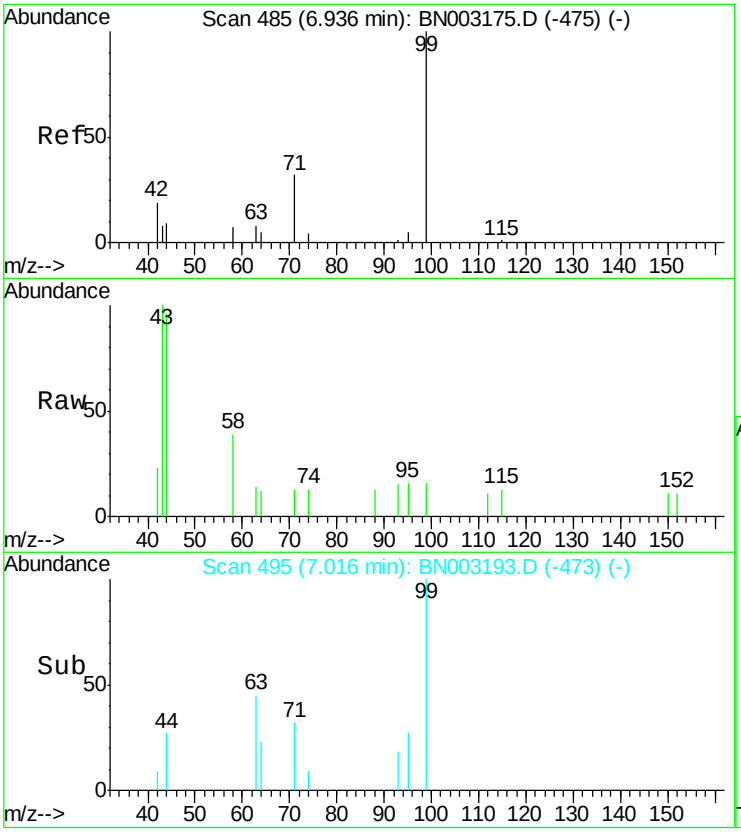


#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.34 min Scan# 287
Delta R.T. 0.04 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:112 Resp: 213

Ion	Ratio	Lower	Upper
112	100		
64	18.3	49.0	73.4#
63	20.2	25.9	38.9#



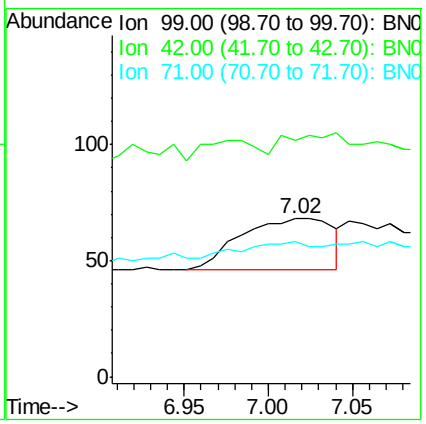


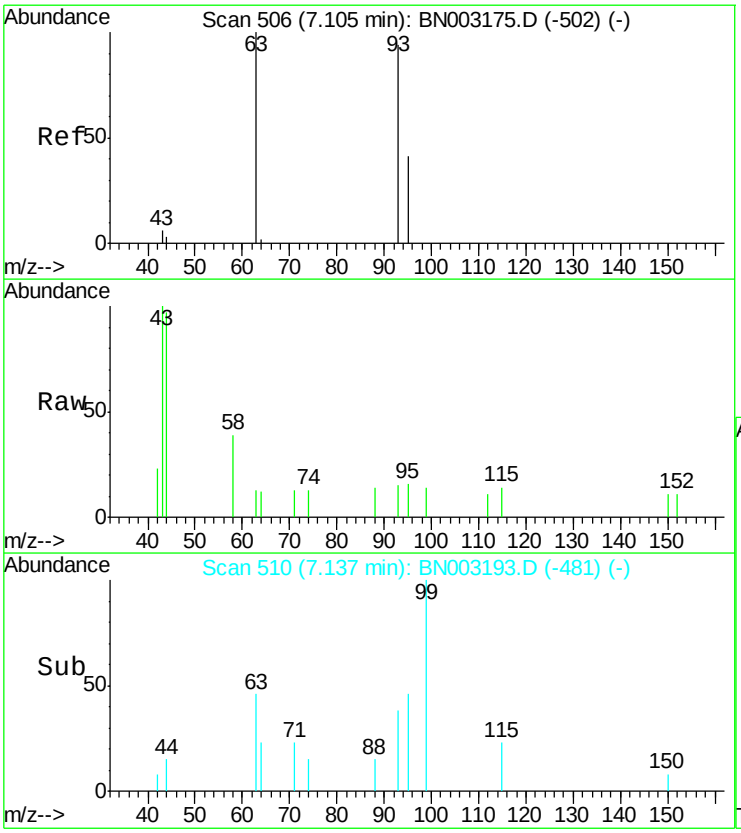
#5
Phenol-d6
Concen: 0.041 ng
RT: 7.02 min Scan# 495
Delta R.T. 0.08 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion: 99 Resp: 85

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.4	23.2#
71	24.7	26.0	39.0#

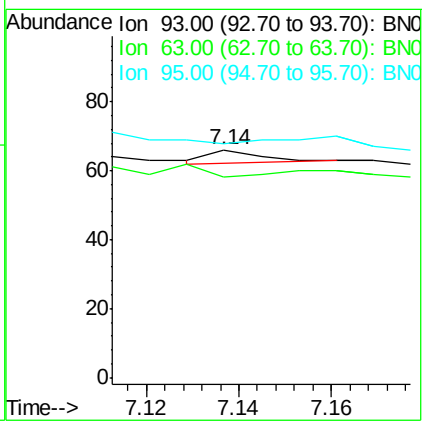


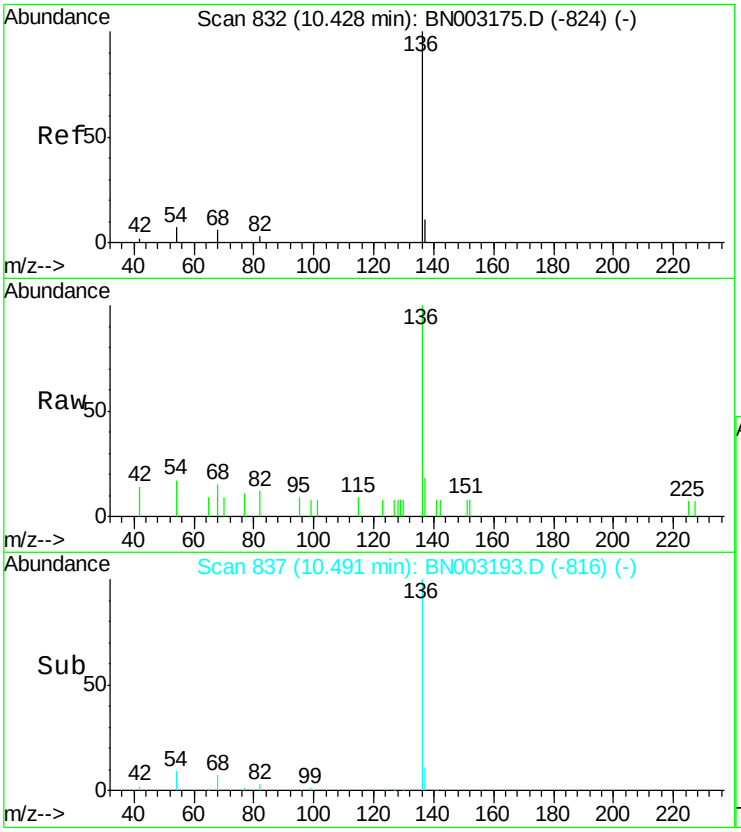


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.14 min Scan# 510
Delta R.T. 0.03 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion: 93 Resp: 3

Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.2	81.4#
95	0.0	24.9	37.3#



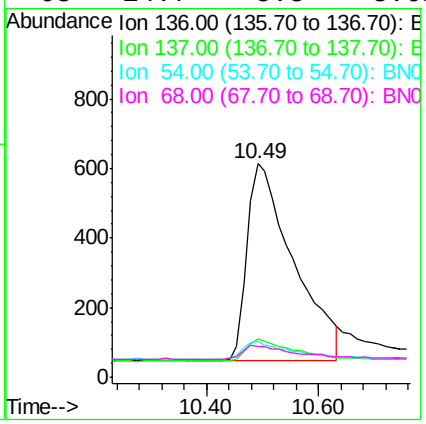


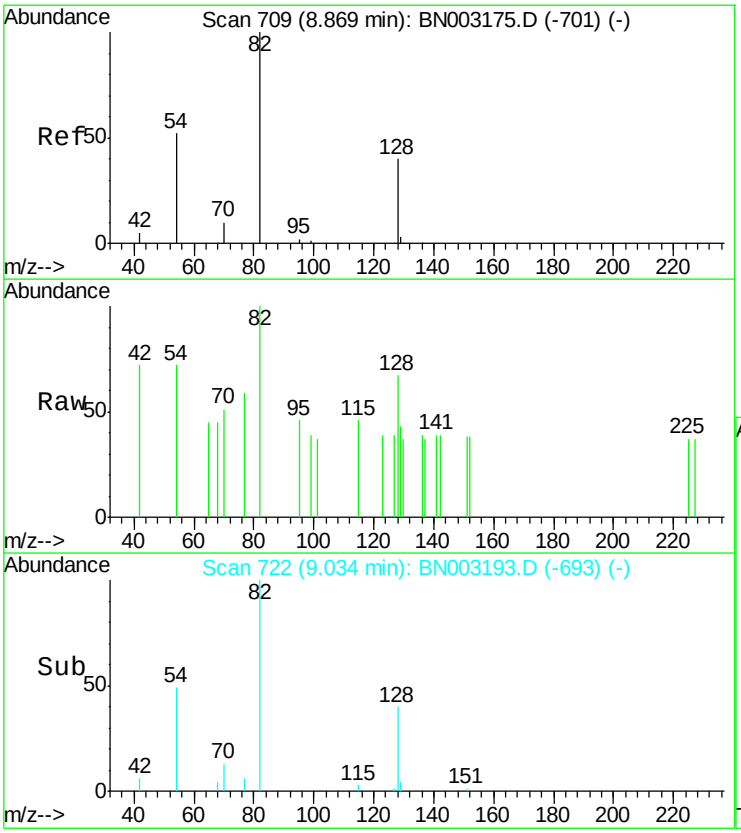
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.06 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:136 Resp: 3280

Ion	Ratio	Lower	Upper
136	100		
137	17.9	9.4	14.0#
54	16.8	7.4	11.0#
68	14.7	5.8	8.6#

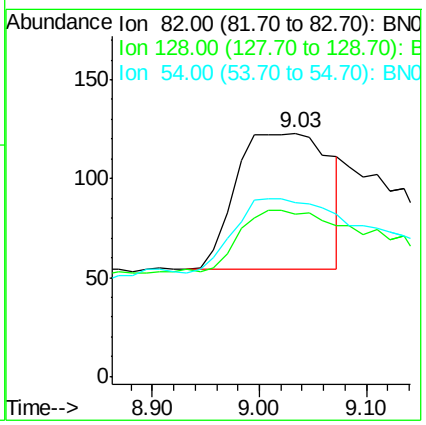


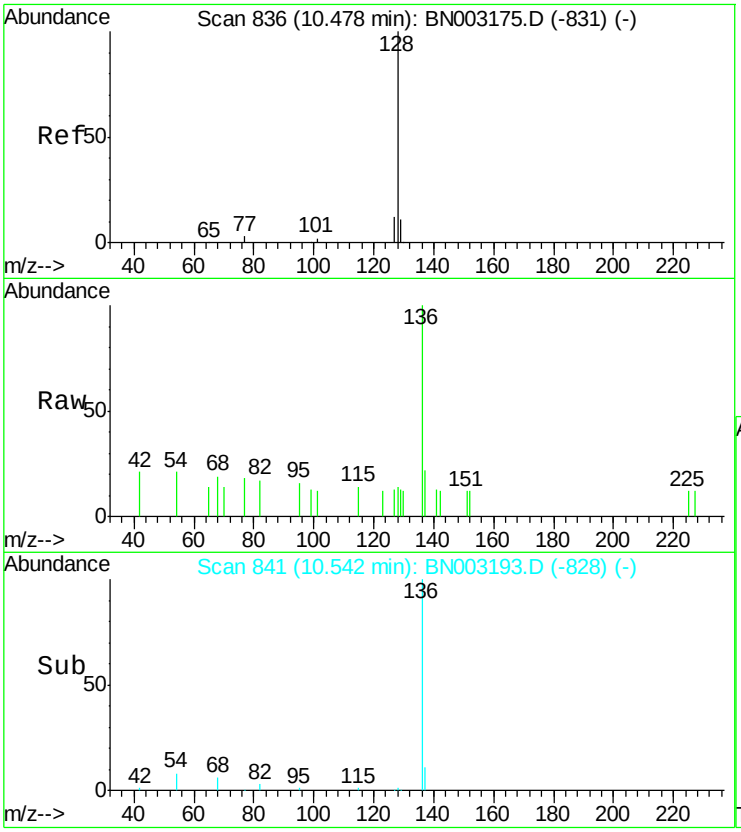


#8
Nitrobenzene-d5
Concen: 0.198 ng
RT: 9.03 min Scan# 722
Delta R.T. 0.17 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion: 82 Resp: 418

Ion	Ratio	Lower	Upper
82	100		
128	66.7	38.2	57.4#
54	71.5	44.1	66.1#



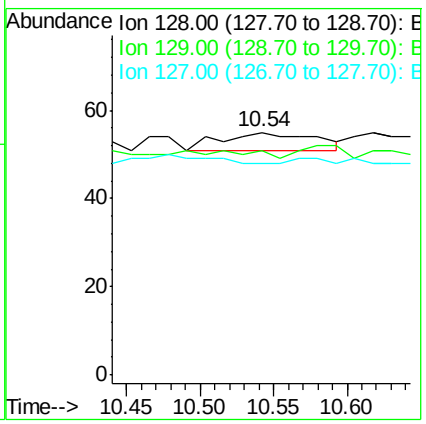


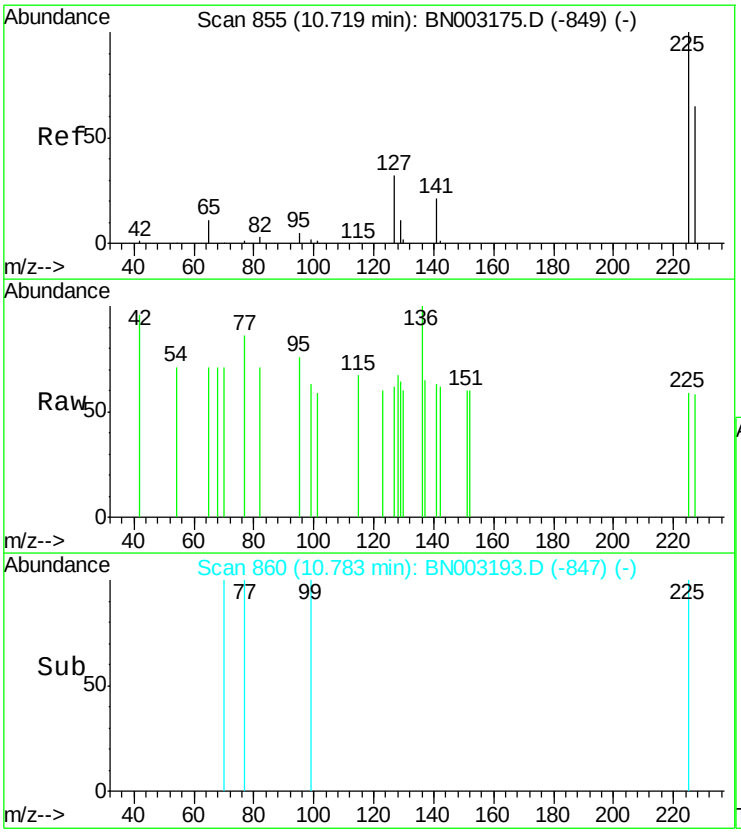
#9
Naphthalene
Concen: 0.002 ng
RT: 10.54 min Scan# 841
Delta R.T. 0.06 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:128 Resp: 17

Ion	Ratio	Lower	Upper
128	100		
129	92.7	9.8	14.6#
127	87.3	11.4	17.2#

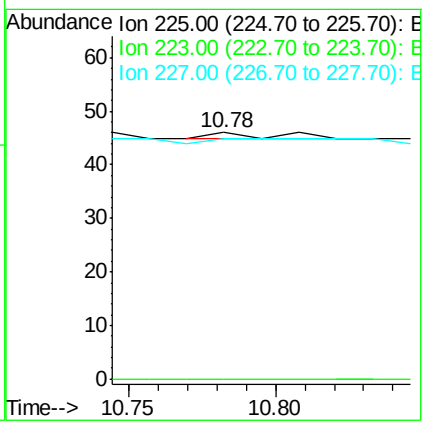


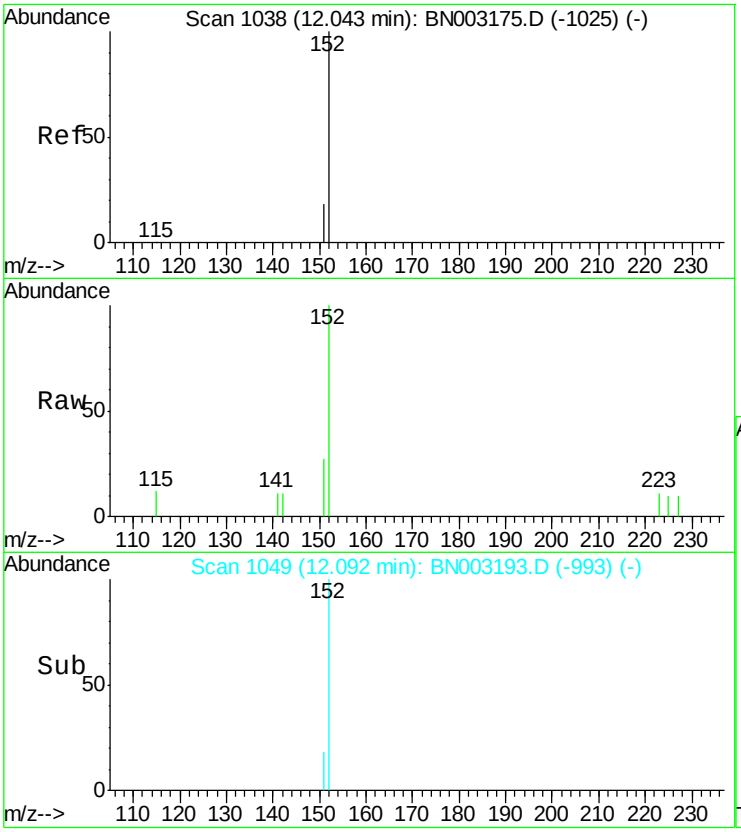


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.78 min Scan# 860
Delta R.T. 0.06 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	50.0	51.8	77.8#



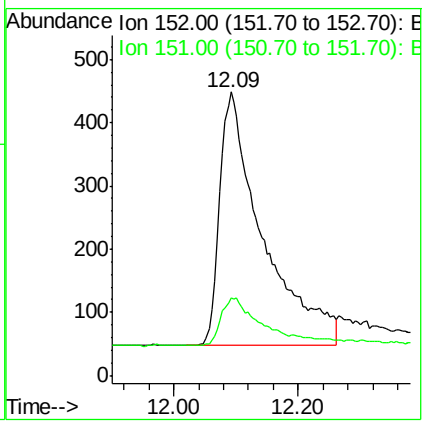


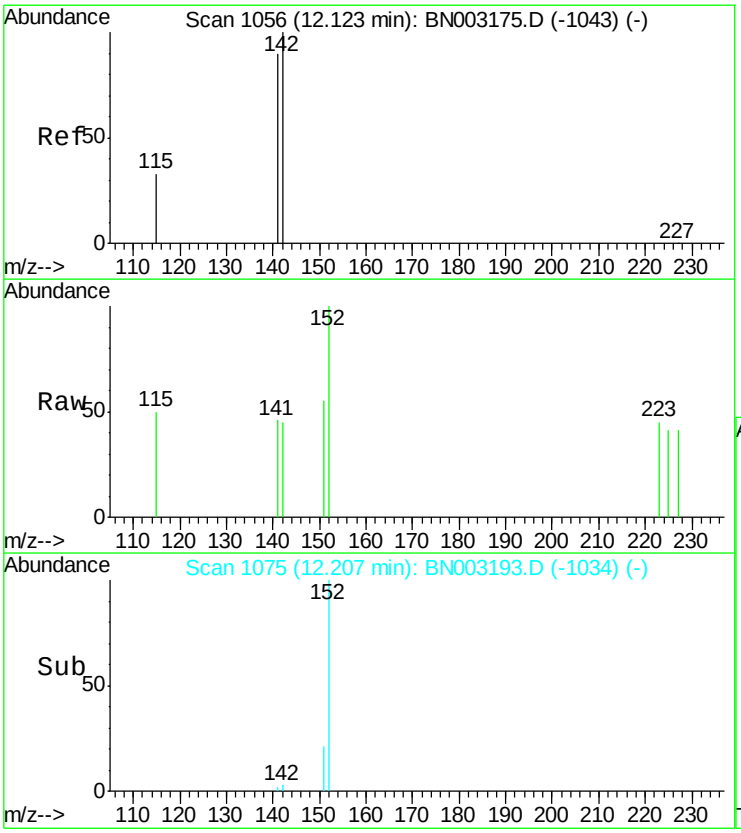
#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.09 min Scan# 1049
Delta R.T. 0.05 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:152 Resp: 1929

Ion	Ratio	Lower	Upper
152	100		
151	16.4	15.0	22.4

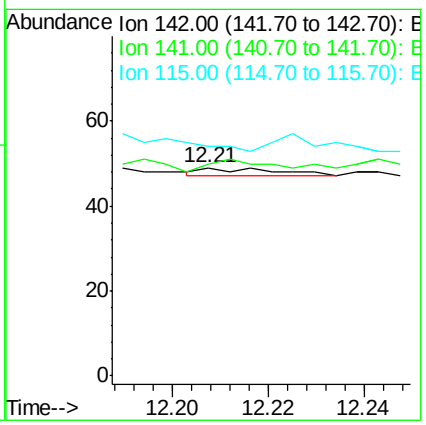


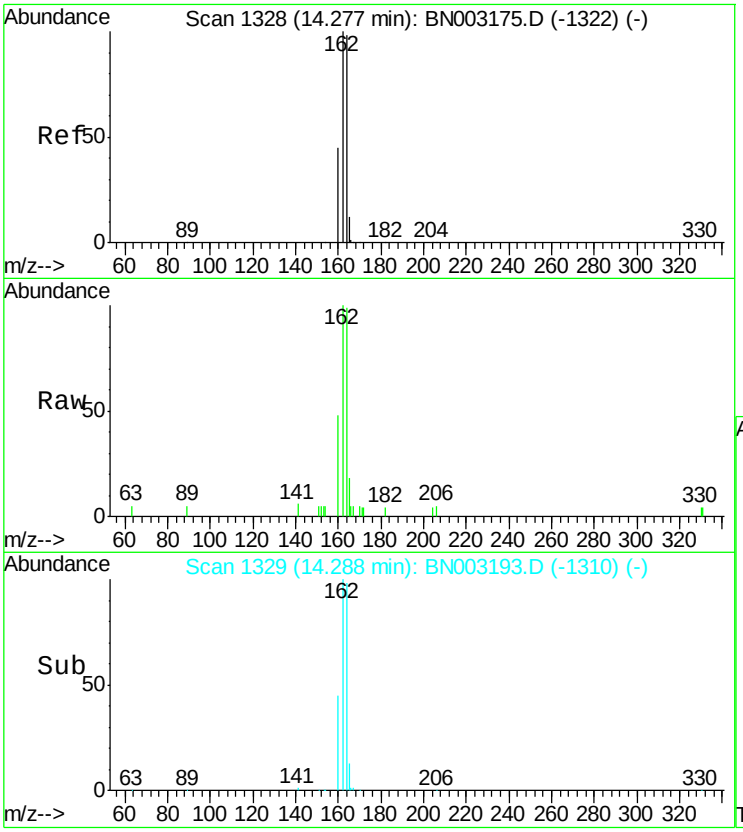


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.21 min Scan# 1075
Delta R.T. 0.08 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	102.0	71.5	107.3
115	110.2	28.1	42.1#



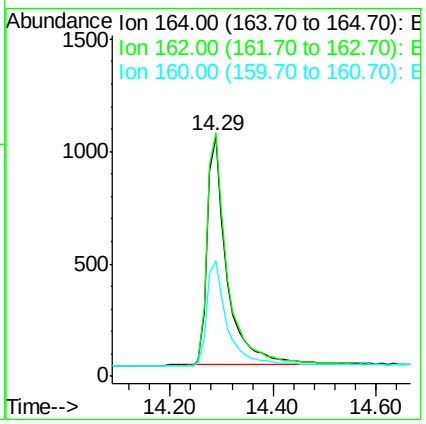


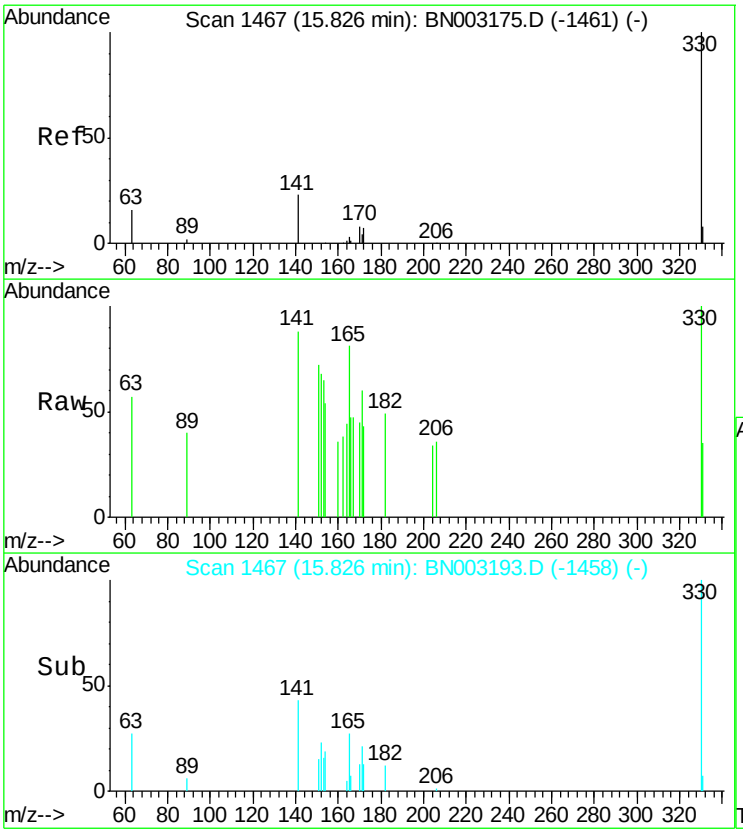
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.29 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:164 Resp: 2728

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.7	122.5
160	48.3	36.3	54.5

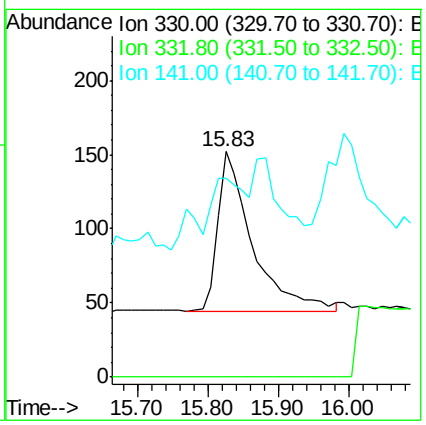


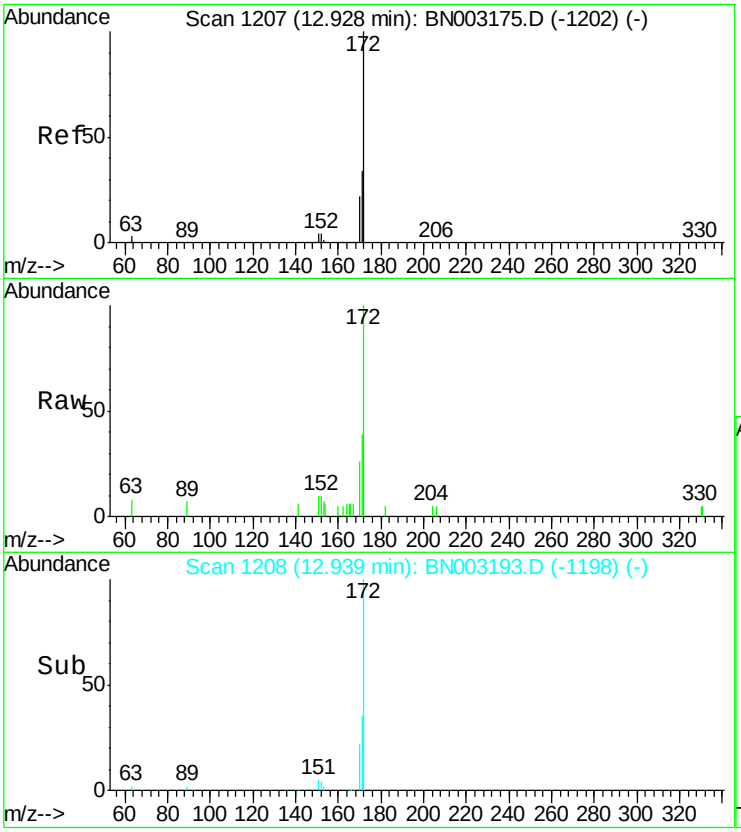


#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:330 Resp: 376

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.0	22.6	33.8



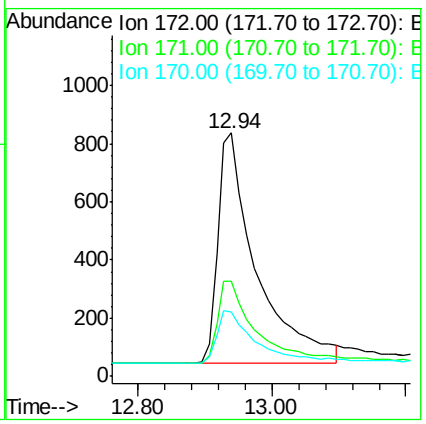


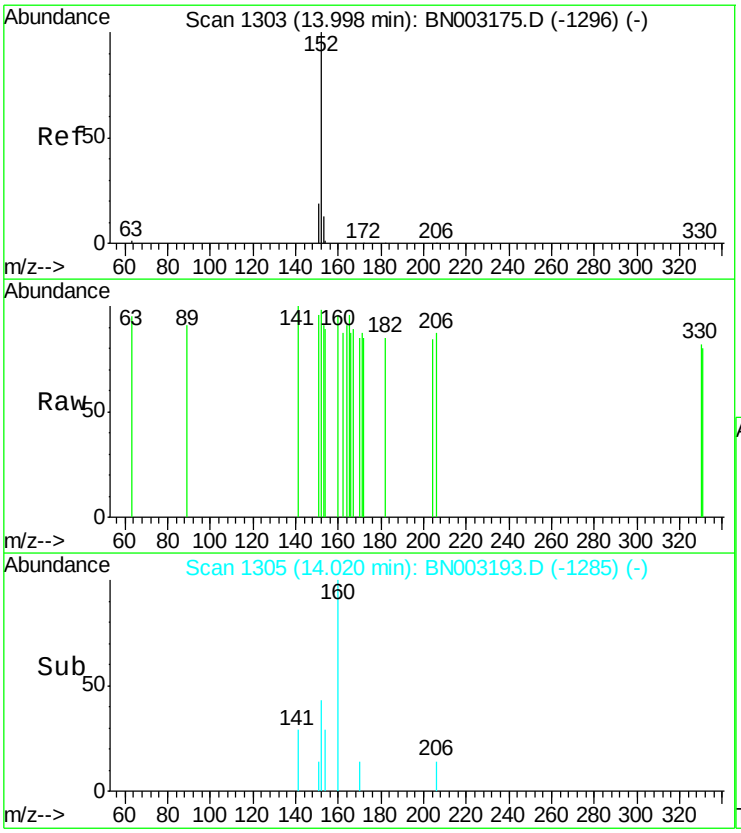
#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:172 Resp: 3166

Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.6	43.0
170	26.4	18.6	27.8

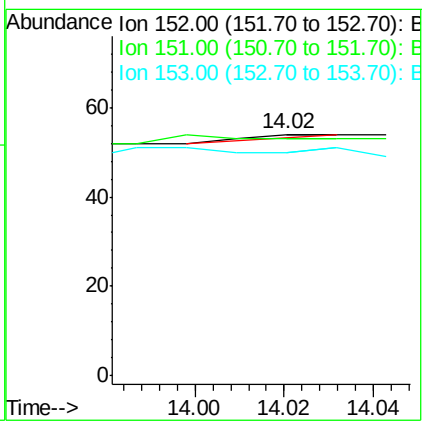


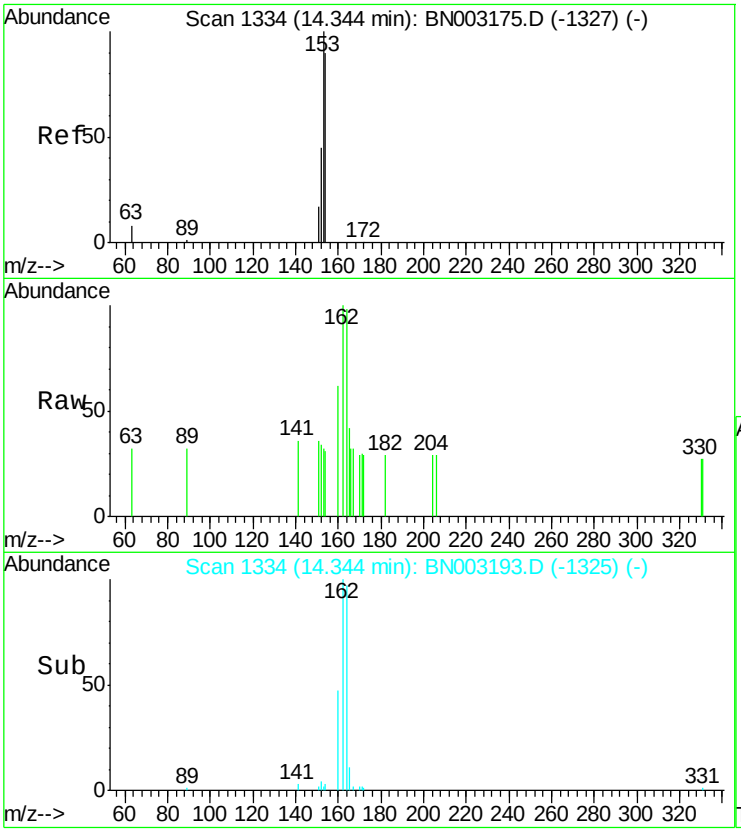


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.02 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:152 Resp: 2

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.6	16.0#



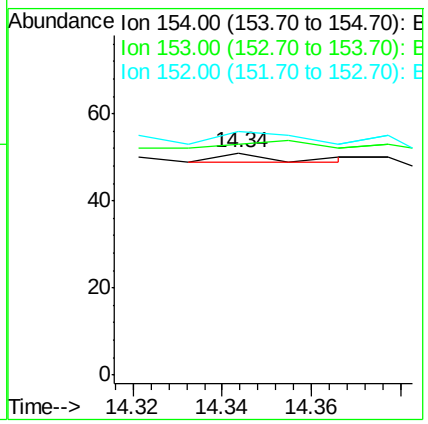


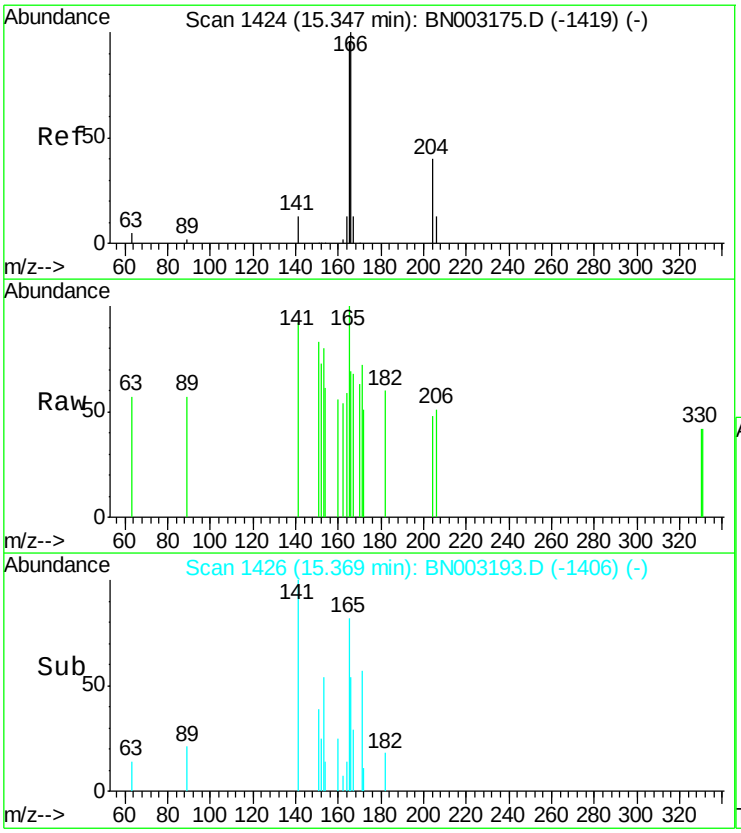
#17
Acenaphthene
Concen: 0.000 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:154 Resp: 2

Ion	Ratio	Lower	Upper
154	100		
153	150.0	91.0	136.4#
152	250.0	43.8	65.6#

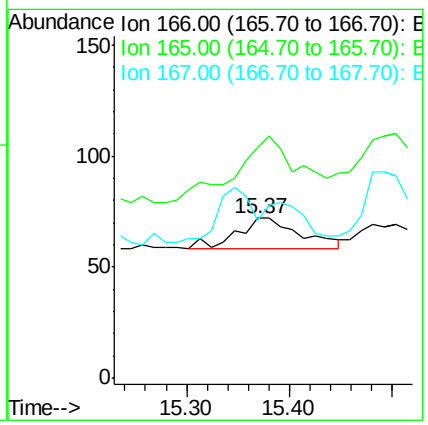


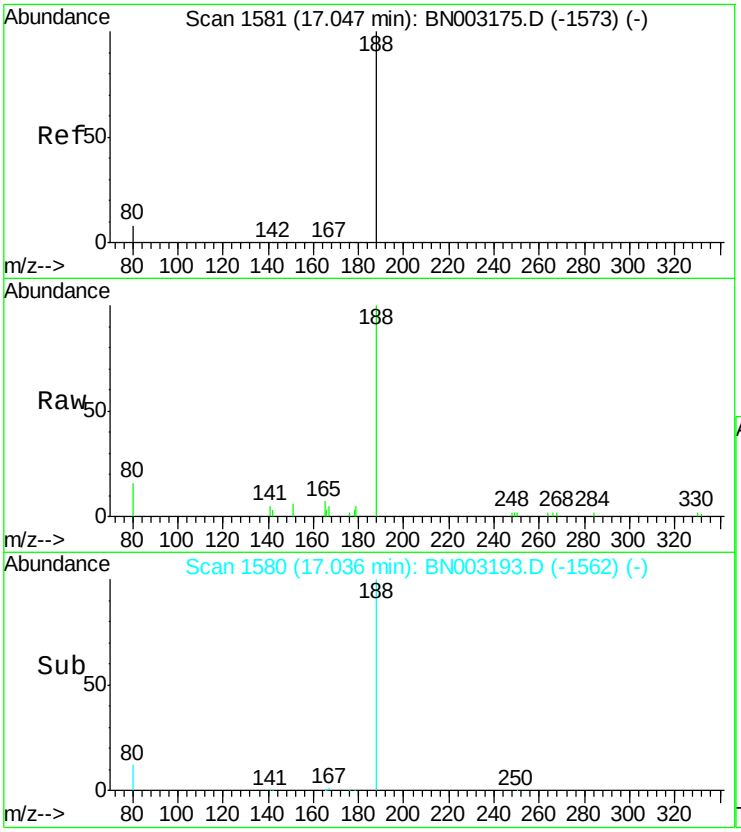


#18
Fluorene
Concen: 0.006 ng
RT: 15.37 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:166 Resp: 61

Ion	Ratio	Lower	Upper
166	100		
165	216.4	78.2	117.2#
167	0.0	10.7	16.1#



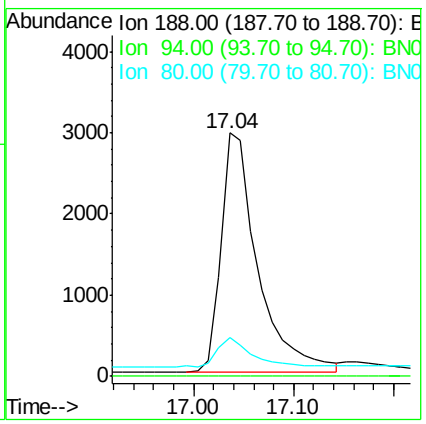


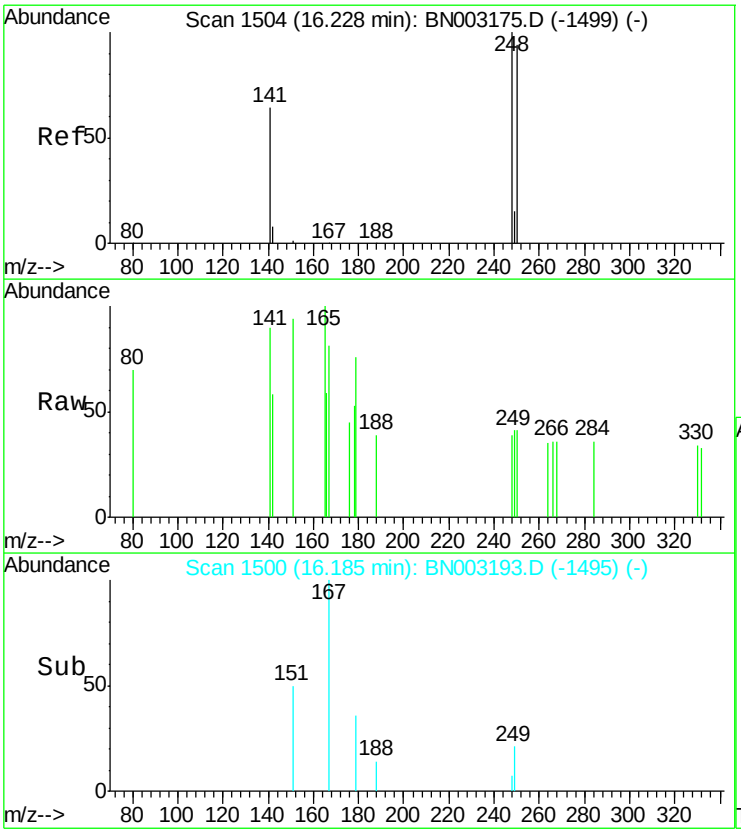
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:188 Resp: 7474

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	6.7	10.1#

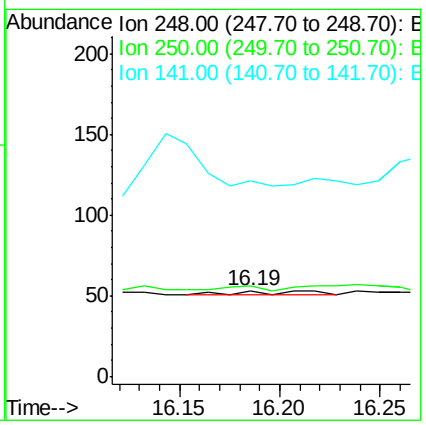


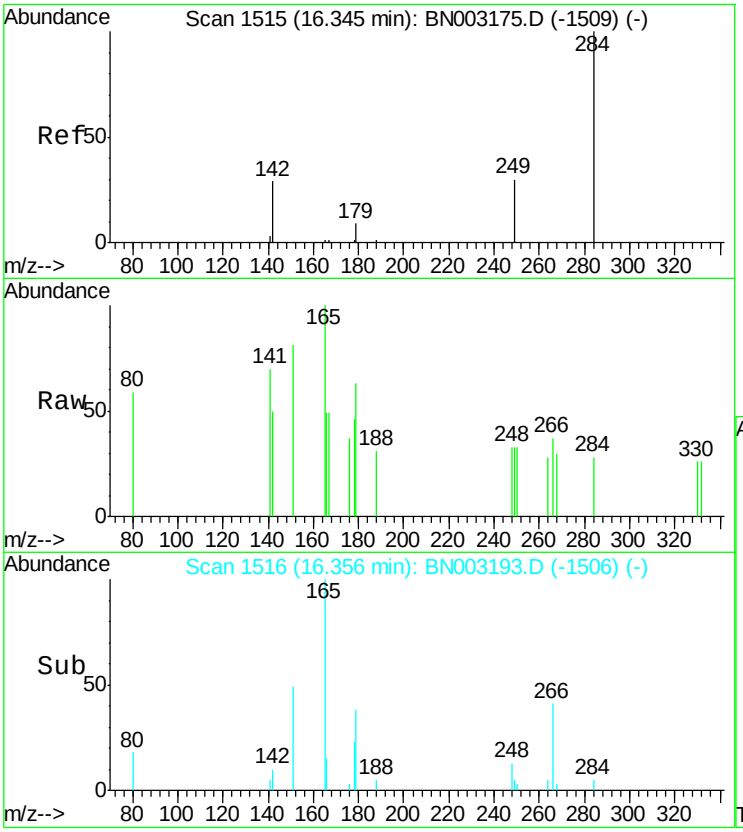


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.19 min Scan# 1500
Delta R.T. -0.04 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	105.7	78.9	118.3
141	228.3	48.5	72.7#



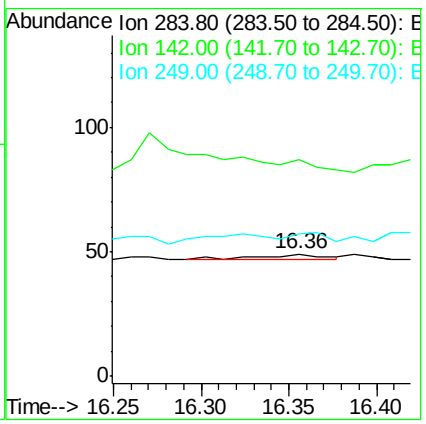


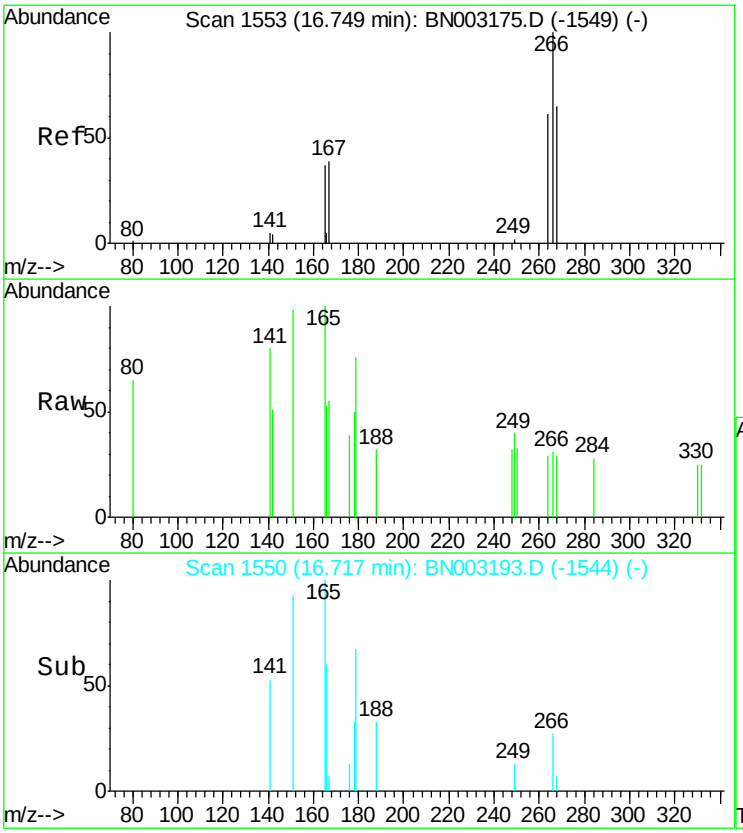
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	0.0	24.6	37.0#
249	80.0	22.3	33.5#

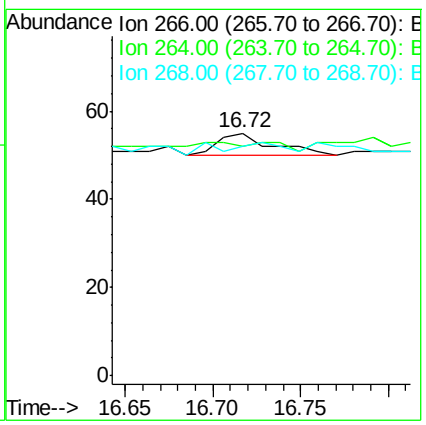


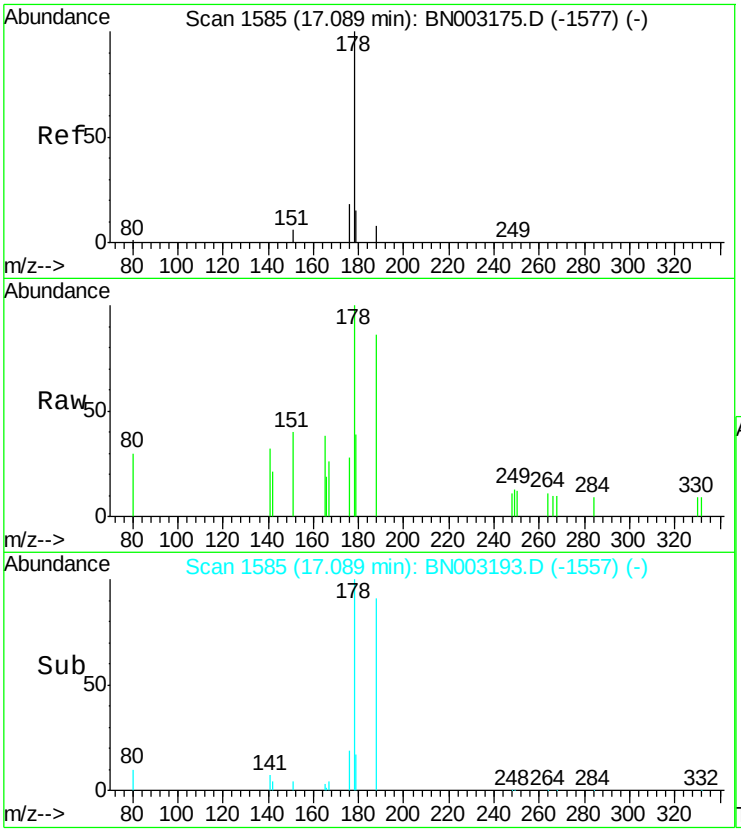


#22
Pentachlorophenol
Concen: 0.093 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.03 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
264	94.5	55.0	82.4#
268	94.5	60.6	91.0#



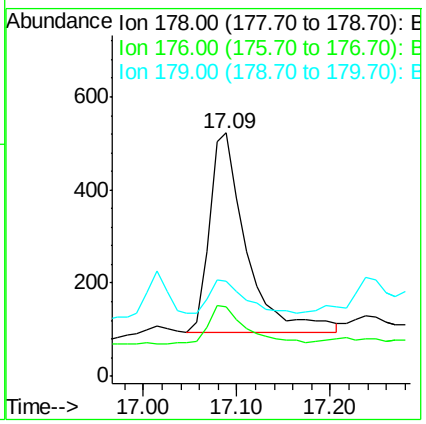


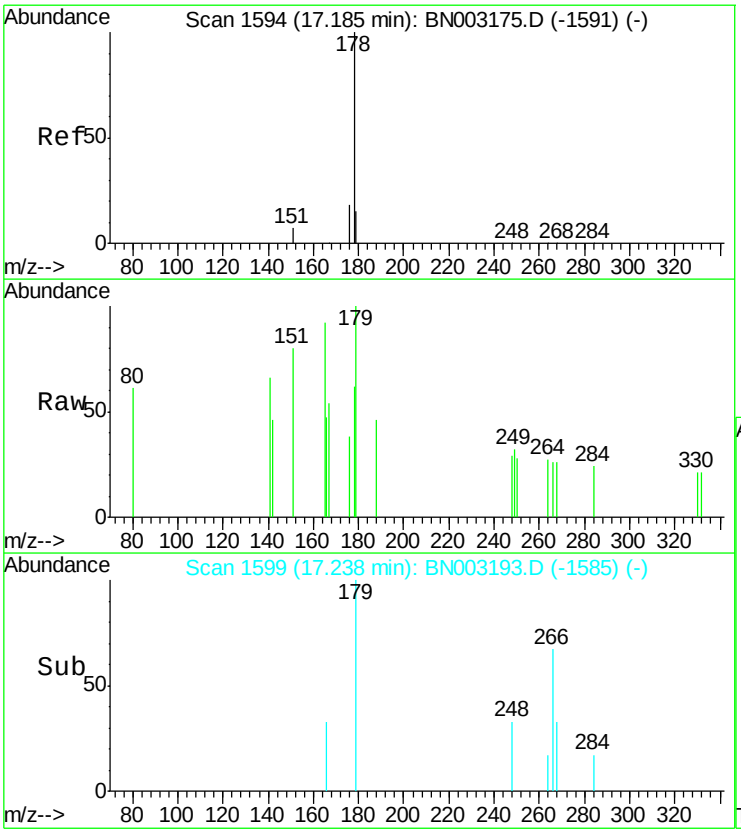
#23
Phenanthrene
Concen: 0.061 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:178 Resp: 1188

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.9	22.3
179	16.1	12.3	18.5

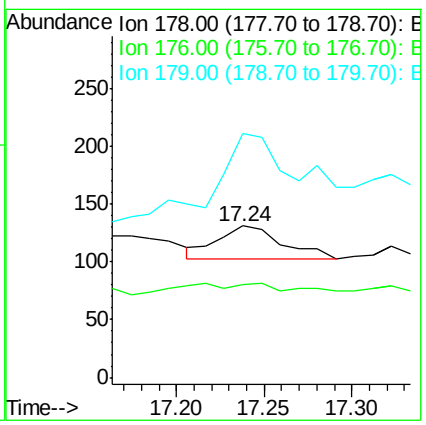


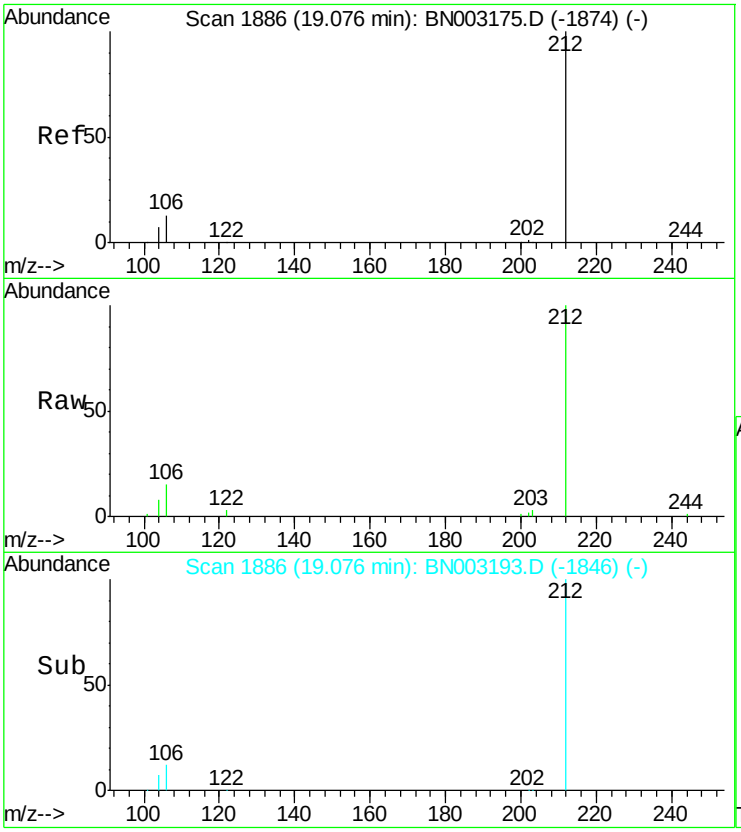


#24
Anthracene
Concen: 0.004 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.05 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:178 Resp: 70

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	392.9	12.3	18.5#



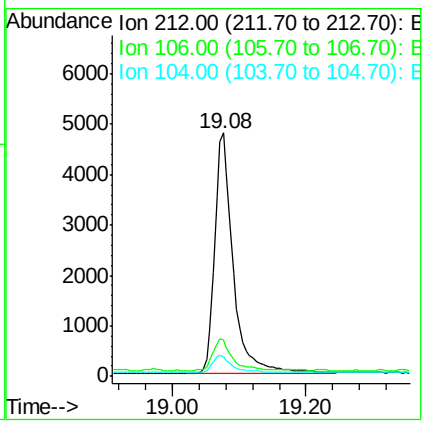


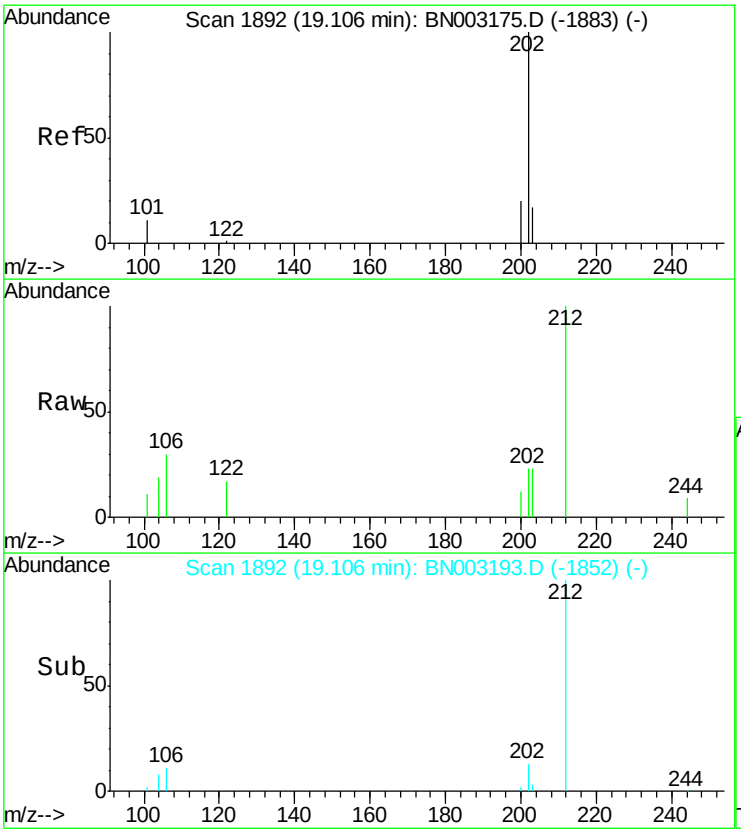
#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:212 Resp: 9105

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.2	15.4
104	7.3	5.8	8.6

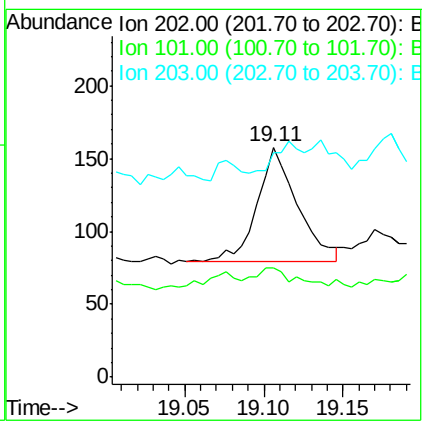


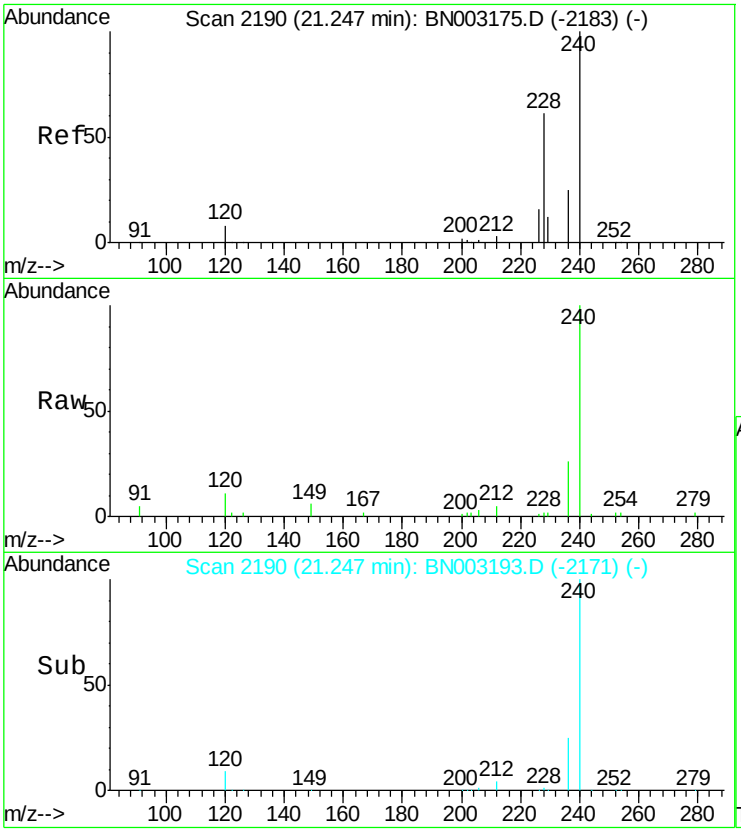


#26
Fluoranthene
Concen: 0.006 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:202 Resp: 141

Ion	Ratio	Lower	Upper
202	100		
101	16.3	8.6	12.8#
203	17.7	13.7	20.5



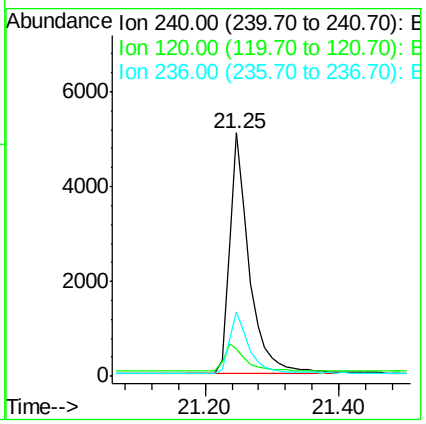


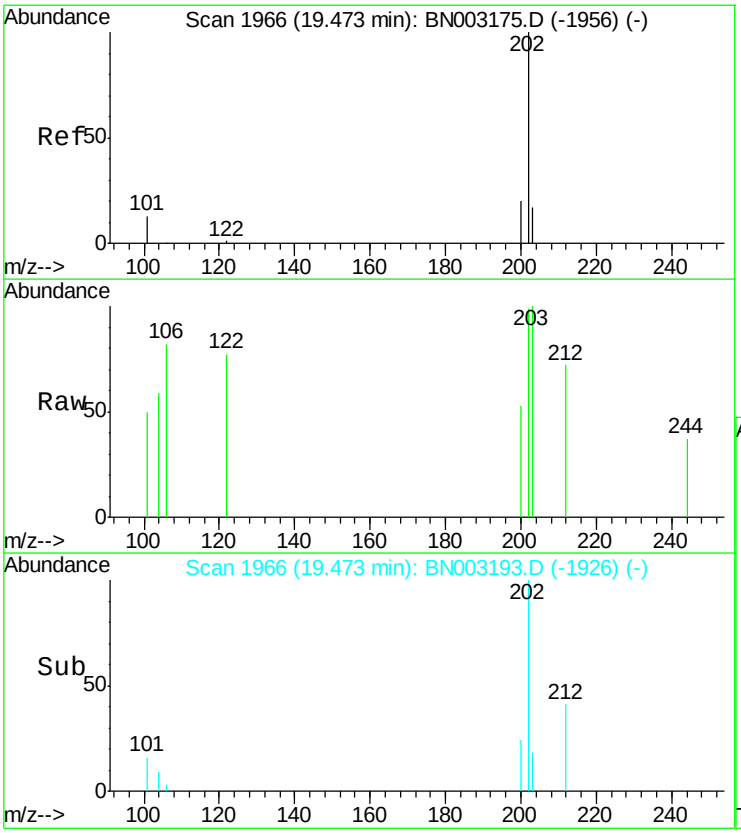
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:240 Resp: 10357

Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.8	11.8
236	26.4	21.0	31.4

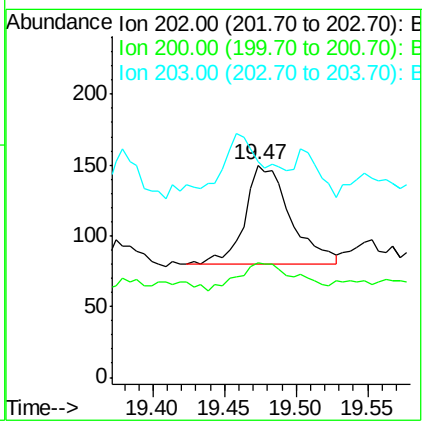


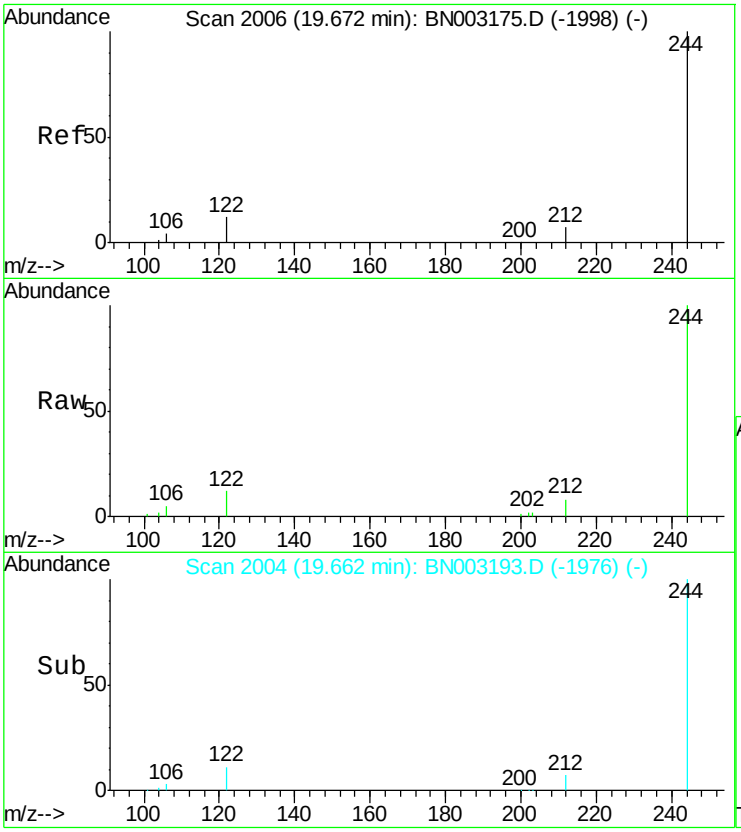


#28
Pyrene
Concen: 0.005 ng
RT: 19.47 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:202 Resp: 155

Ion	Ratio	Lower	Upper
202	100		
200	36.1	16.3	24.5#
203	69.0	14.2	21.2#



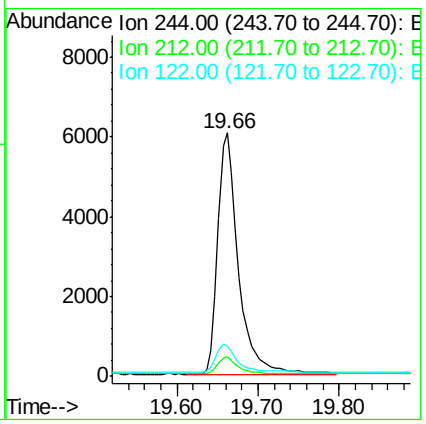


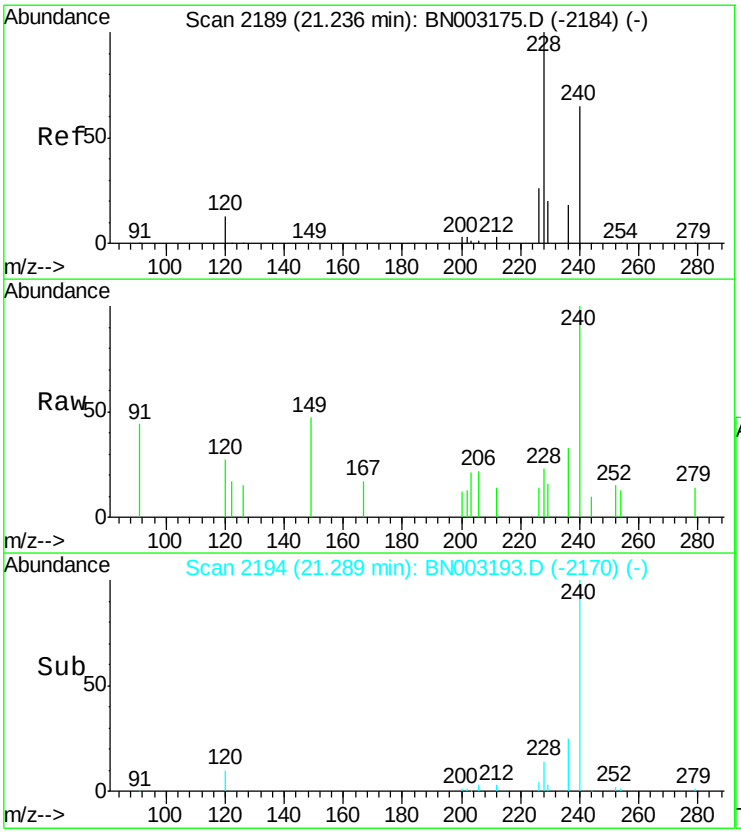
#29
Terphenyl-d14
Concen: 0.472 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:244 Resp: 10595

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	12.5	9.1	13.7

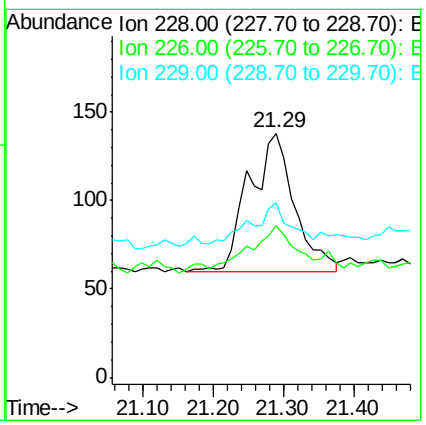


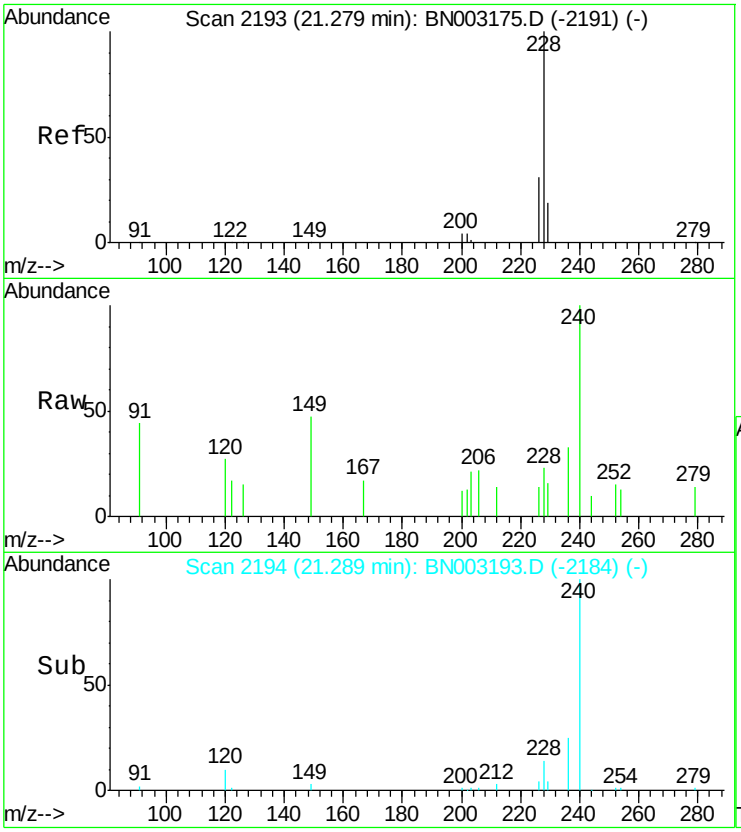


#30
Benzo(a)anthracene
Concen: 0.012 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.05 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:228 Resp: 348

Ion	Ratio	Lower	Upper
228	100		
226	62.3	21.4	32.2#
229	71.7	16.4	24.6#



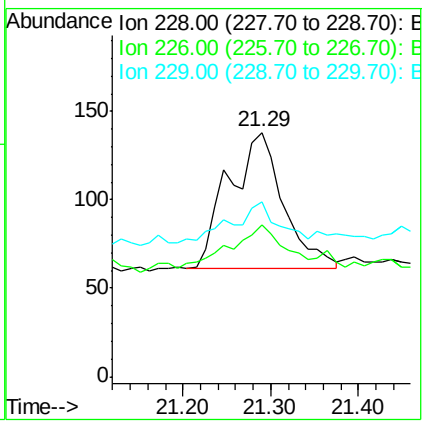


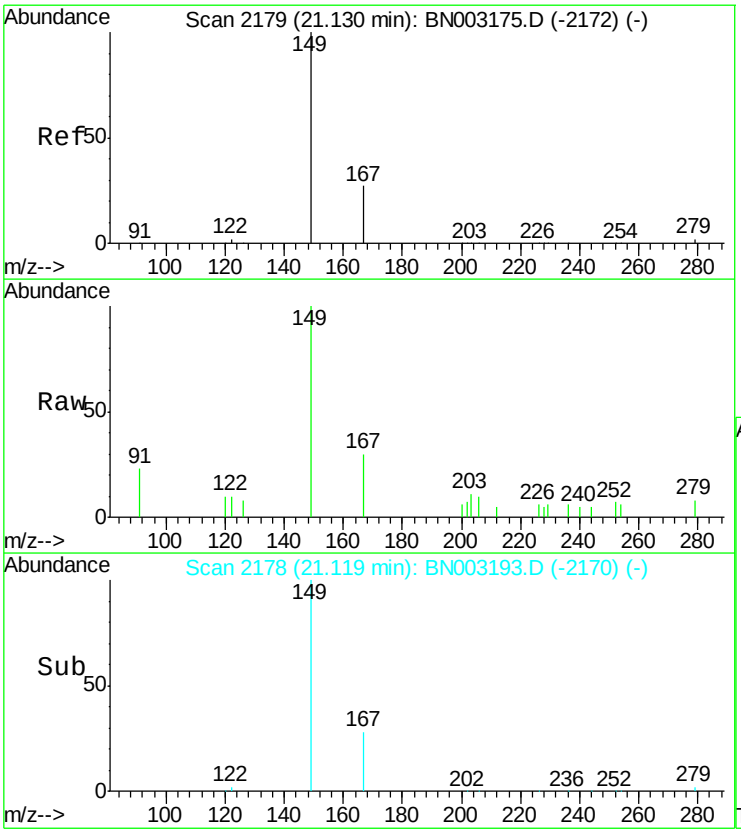
#31
Chrysene
Concen: 0.011 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:228 Resp: 335

Ion	Ratio	Lower	Upper
228	100		
226	62.3	23.1	34.7#
229	71.7	15.9	23.9#

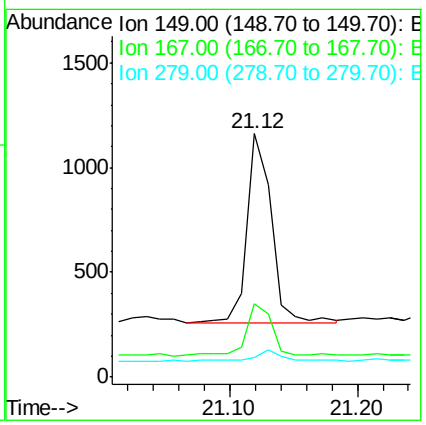


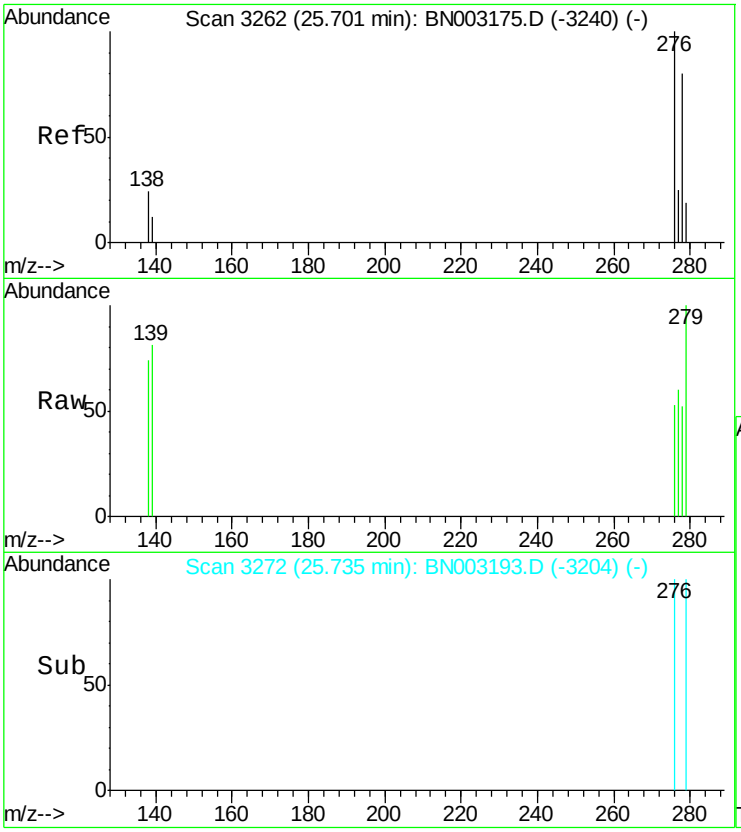


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.12 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:149 Resp: 1204

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.2	33.4
279	6.8	3.7	5.5#



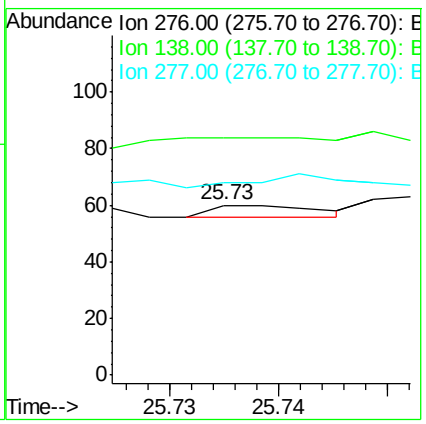


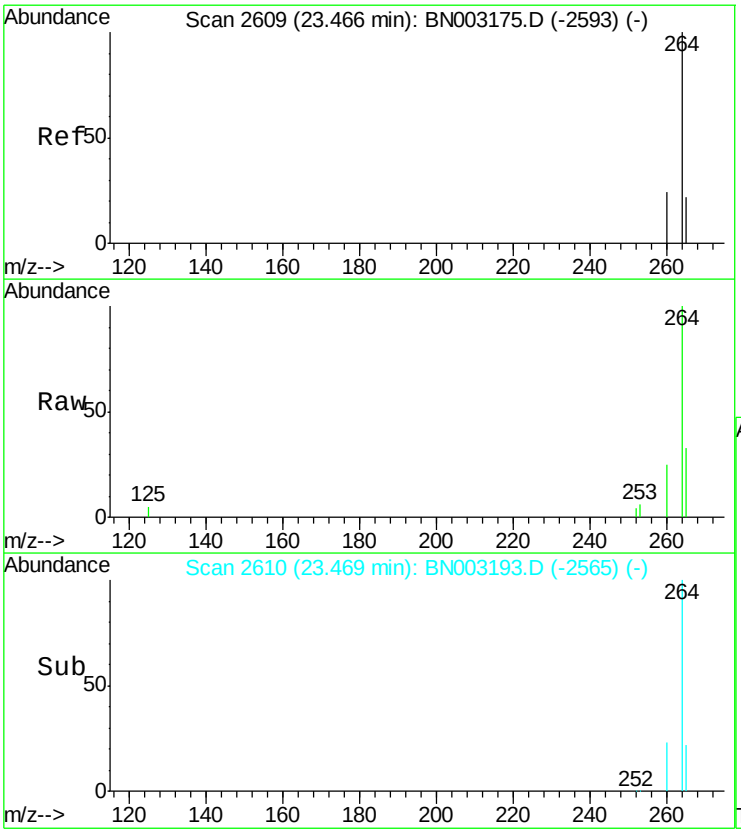
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.73 min Scan# 3272
Delta R.T. 0.03 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.2	27.4#
277	100.0	20.2	30.4#

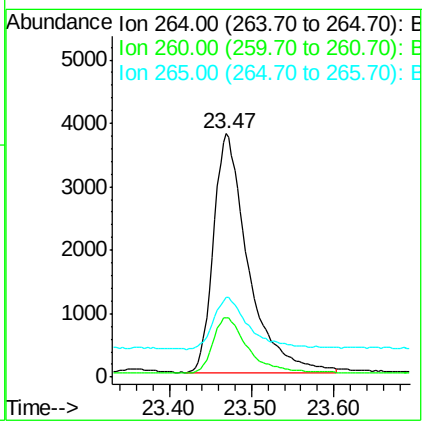


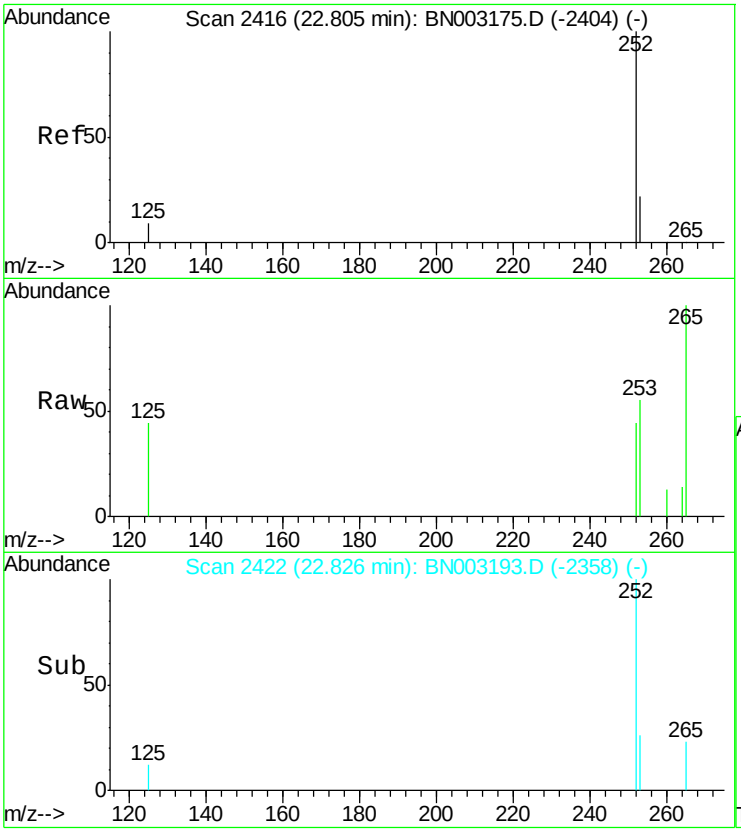


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:264 Resp: 11007

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	32.7	27.6	41.4



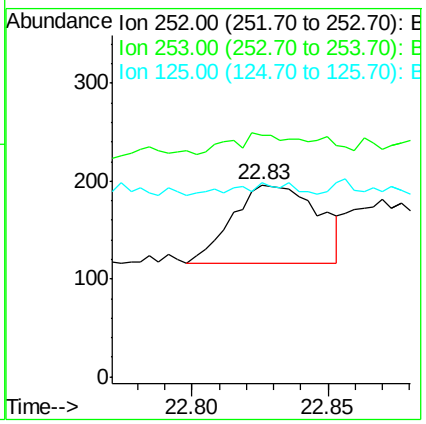


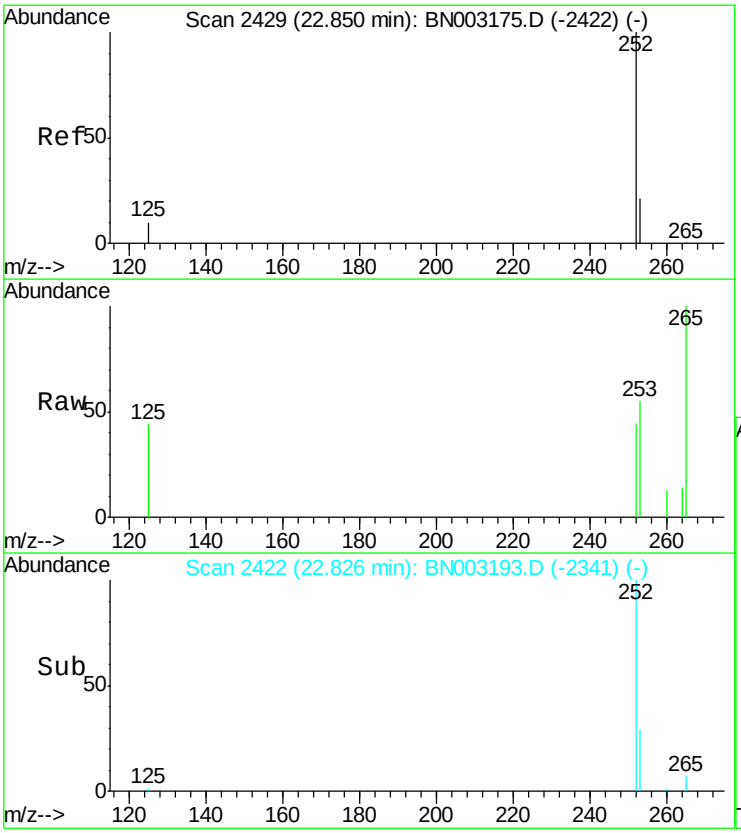
#35
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 22.83 min Scan# 2422
Delta R.T. 0.02 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:252 Resp: 176

Ion	Ratio	Lower	Upper
252	100		
253	126.0	20.8	31.2#
125	101.0	9.6	14.4#

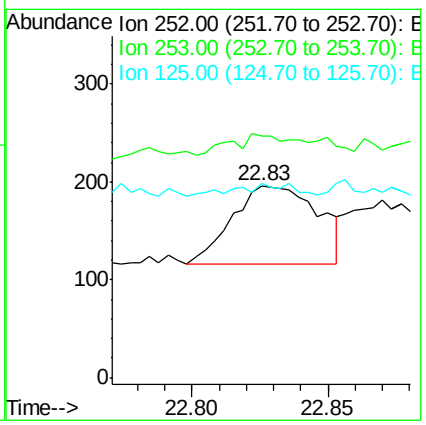


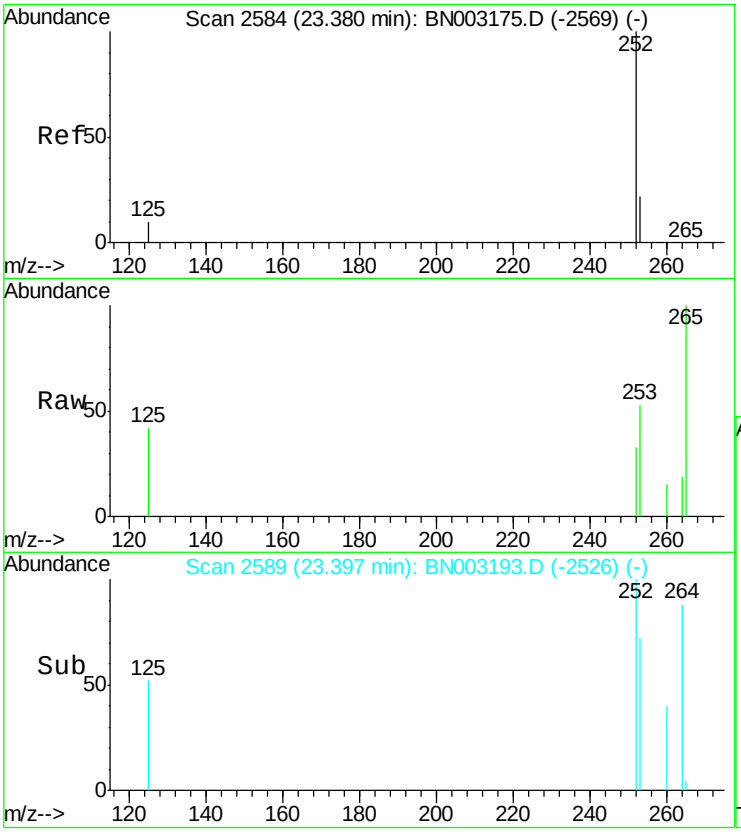


#36
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:252 Resp: 176

Ion	Ratio	Lower	Upper
252	100		
253	126.0	20.5	30.7#
125	101.0	9.4	14.0#



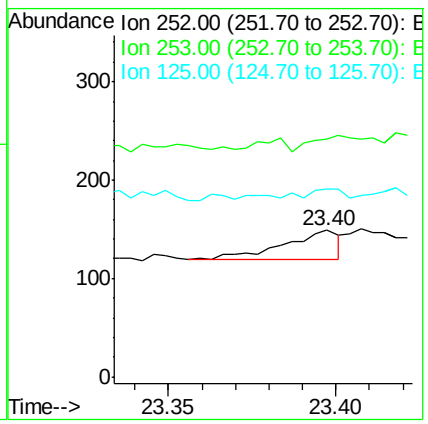


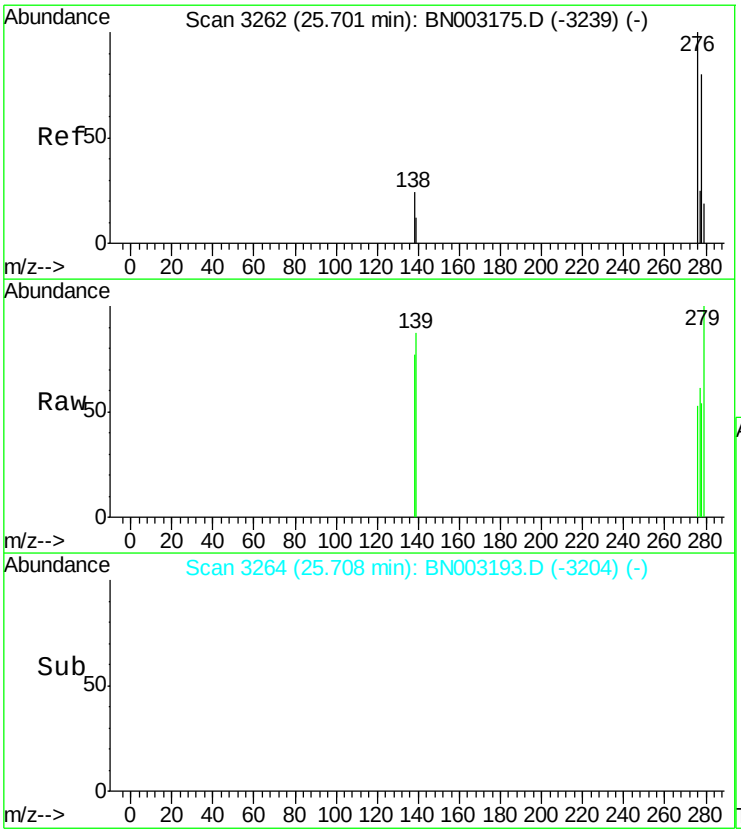
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.40 min Scan# 2589
Delta R.T. 0.02 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:252 Resp: 35

Ion	Ratio	Lower	Upper
252	100		
253	161.7	22.4	33.6#
125	128.2	11.4	17.0#

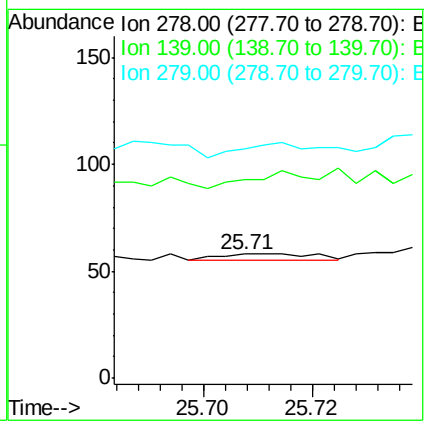


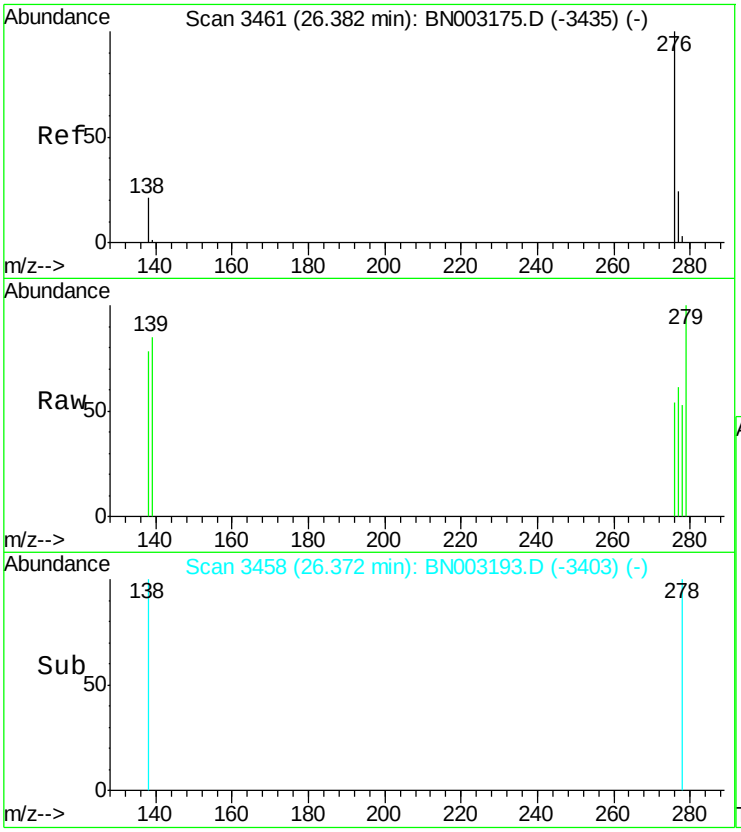


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.71 min Scan# 3264
Delta R.T. 0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	160.3	14.6	21.8#
279	184.5	23.1	34.7#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.37 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BN003193.D
Acq: 17 Oct 2018 22:58

Instrument :
BNA_N
ClientSampleId :
KY038PS036-181008

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
277	112.1	21.0	31.4#
138	143.1	18.1	27.1#