Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003194.D
Acq On : 17 Oct 2018 23:33
Operator : MJ/SJ
Sample : PB113685BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB113685BS

Quant Time: Oct 18 15:40:48 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	7.67	152	718	0.40	ng		0.02
7) Naphthalene-d8	10.47	136	3186	0.40	ng		0.04
13) Acenaphthene-d10	14.30	164	2181	0.40	ng		0.02
19) Phenanthrene-d10	17.06	188	6223	0.40	ng		0.01
27) Chrysene-d12	21.25	240	8463	0.40	ng		0.00
34) Perylene-d12	23.47	264	9221	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	111	0.07	ng		0.06
5) Phenol-d6	7.05	99	363	0.16	ng		0.11
8) Nitrobenzene-d5	8.96	82	305	0.15	ng		0.09
11) 2-Methylnaphthalene-d10	12.10	152	1691	0.31	ng		0.06
14) 2,4,6-Tribromophenol	15.86	330	305	0.22	ng		0.03
15) 2-Fluorobiphenyl	12.96	172	1892	0.22	ng		0.03
25) Fluoranthene-d10	19.10	212	4533	0.24	ng		0.02
29) Terphenyl-d14	19.69	244	3319	0.18	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	430	0.413	ng	#	54
3) n-Nitrosodimethylamine	3.63	42	24	0.191	ng	#	1
6) bis(2-Chloroethyl)ether	7.17	93	635	0.335	ng	#	64
9) Naphthalene	10.53	128	1909	0.241	ng	#	79
10) Hexachlorobutadiene	10.72	225	342	0.220	ng	#	97
12) 2-Methylnaphthalene	12.17	142	1273	0.235	ng		96
16) Acenaphthylene	14.03	152	2256	0.228	ng		99
17) Acenaphthene	14.37	154	1500	0.227	ng		99
18) Fluorene	15.38	166	2068	0.241	ng		98
20) 4-Bromophenyl-phenylether	16.26	248	610	0.176	ng		99
21) Hexachlorobenzene	16.37	284	756	0.197	ng		97
22) Pentachlorophenol	16.78	266	223	0.338	ng		90
23) Phenanthrene	17.11	178	3733	0.229	ng		99
24) Anthracene	17.22	178	3368	0.226	ng		99
26) Fluoranthene	19.13	202	5227	0.250	ng		99
28) Pyrene	19.49	202	5379	0.227	ng		99
30) Benzo(a)anthracene	21.24	228	5673	0.249	ng		99
31) Chrysene	21.29	228	5968	0.230	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3013	0.223	ng		99
33) Indeno(1,2,3-cd)pyrene	25.72	276	7436	0.242	ng		99
35) Benzo(b)fluoranthene	22.81	252	6112	0.245	ng		96
36) Benzo(k)fluoranthene	22.86	252	7136	0.243	ng	#	94
37) Benzo(a)pyrene	23.39	252	6414	0.250	ng	#	93
38) Dibenzo(a,h)anthracene	25.71	278	6167	0.235	ng	#	95
39) Benzo(g,h,i)perylene	26.39	276	6416	0.242	ng		97

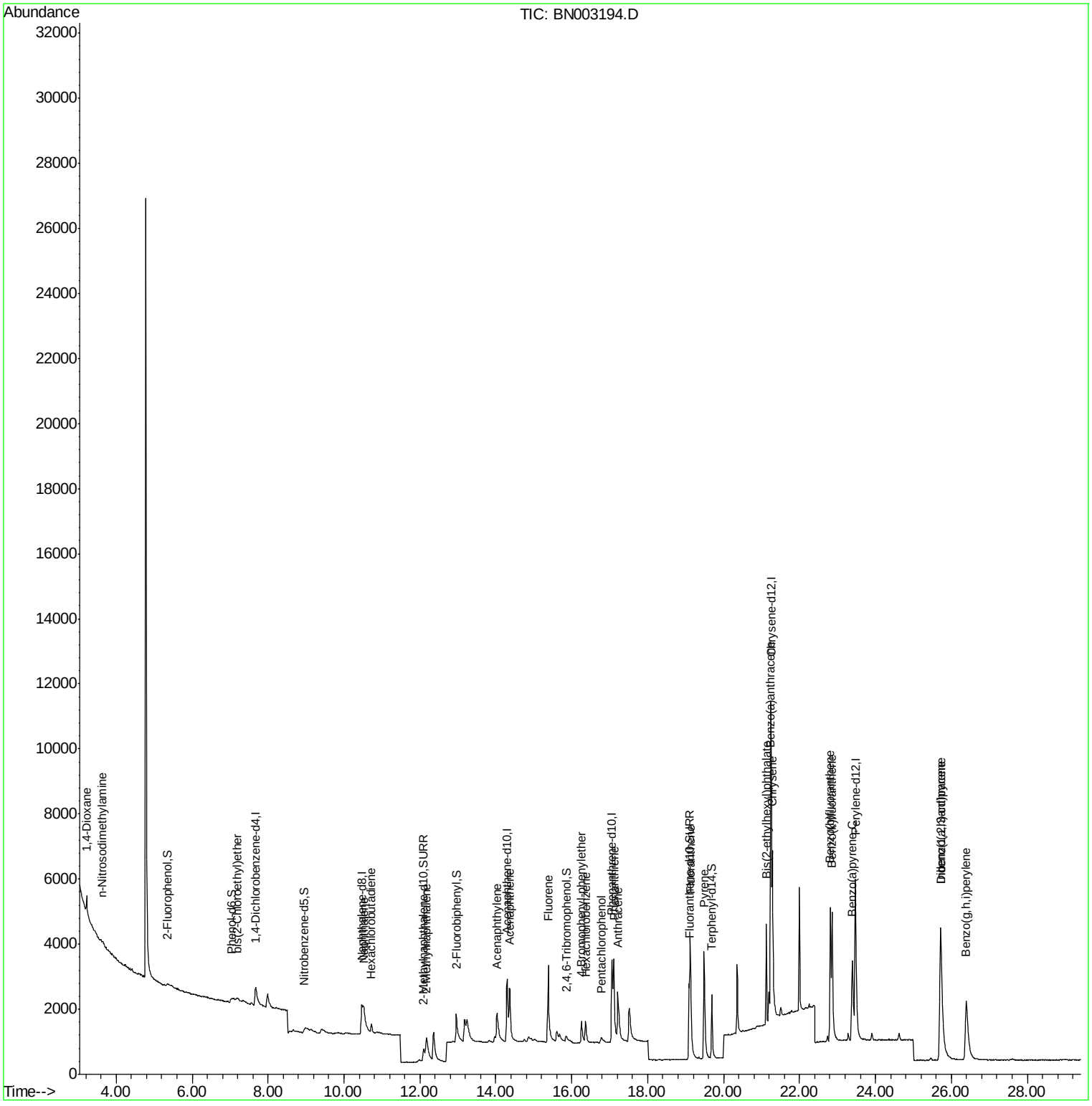
(#) = qualifier out of range (m) = manual integration (+) = signals summed

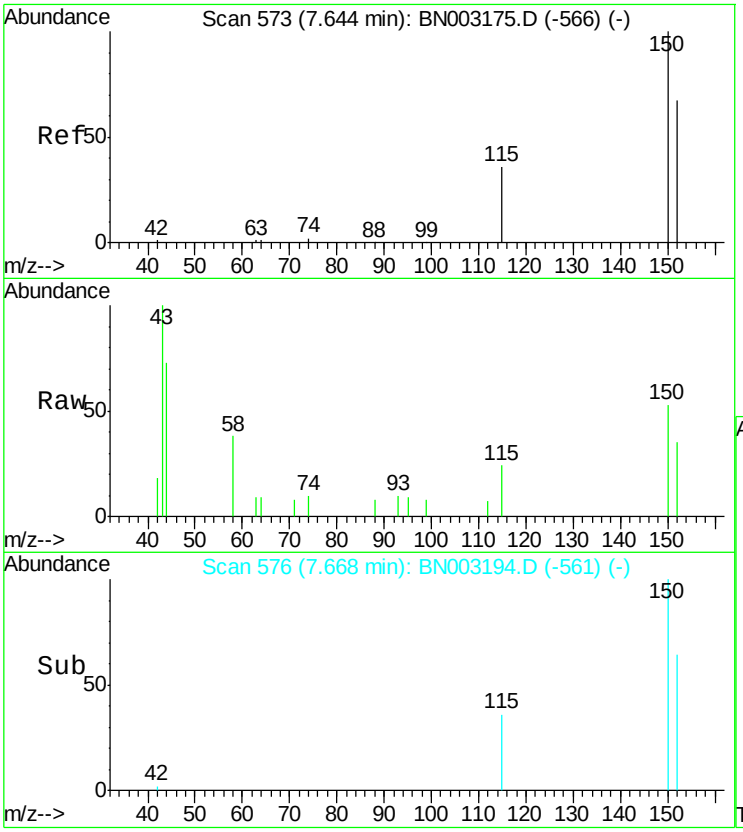
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003194.D
Acq On : 17 Oct 2018 23:33
Operator : MJ/SJ
Sample : PB113685BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Quant Time: Oct 18 15:40:48 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



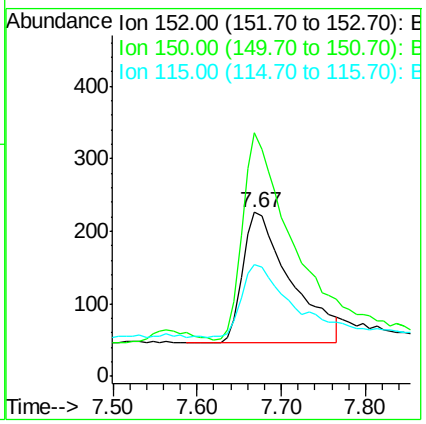


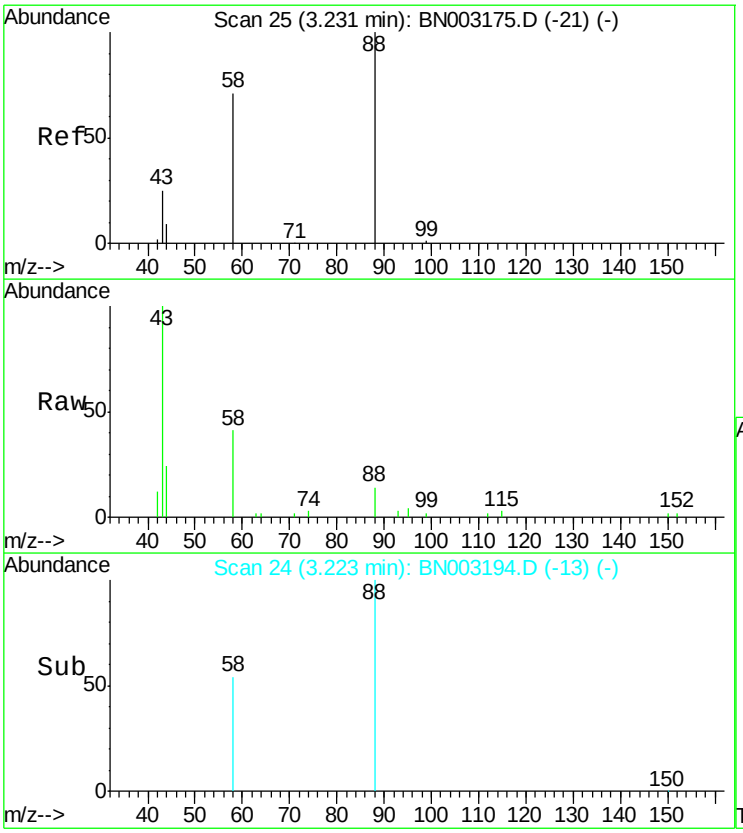
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 576
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:152 Resp: 718

Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.2	189.4
115	68.6	49.8	74.6

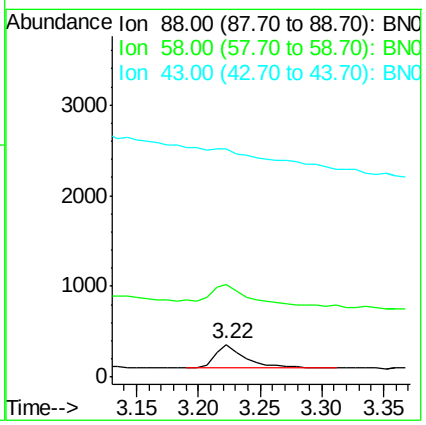


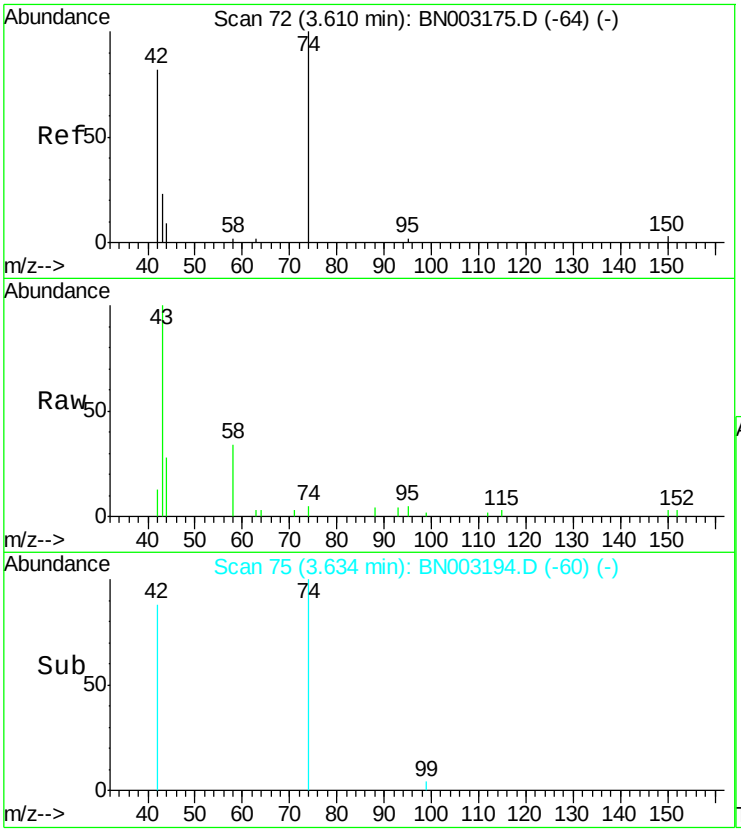


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion: 88 Resp: 430

Ion	Ratio	Lower	Upper
88	100		
58	121.2	66.7	100.1#
43	0.0	24.6	37.0#



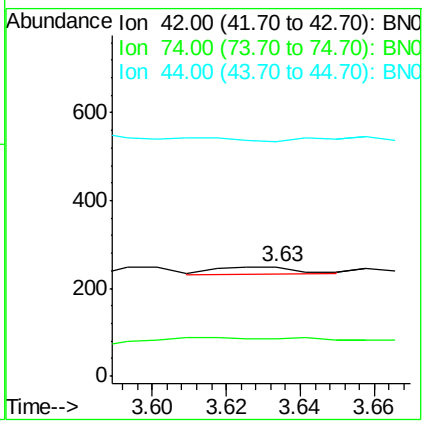


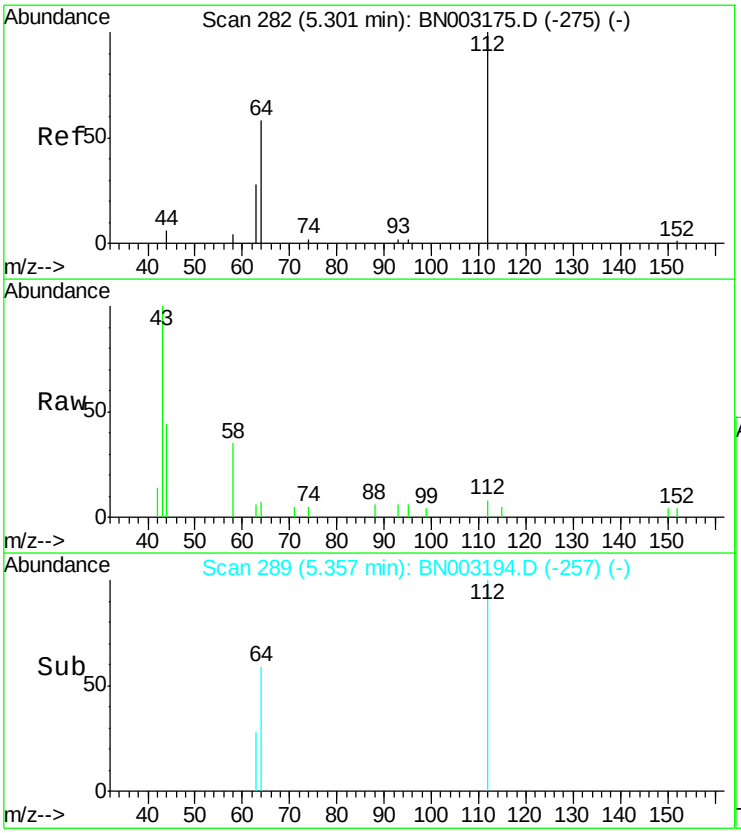
#3
n-Nitrosodimethylamine
Concen: 0.191 ng
RT: 3.63 min Scan# 75
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion: 42 Resp: 24

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

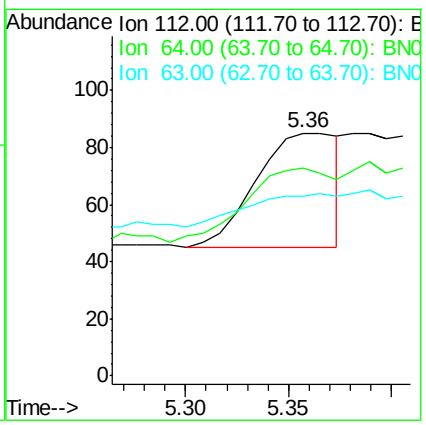


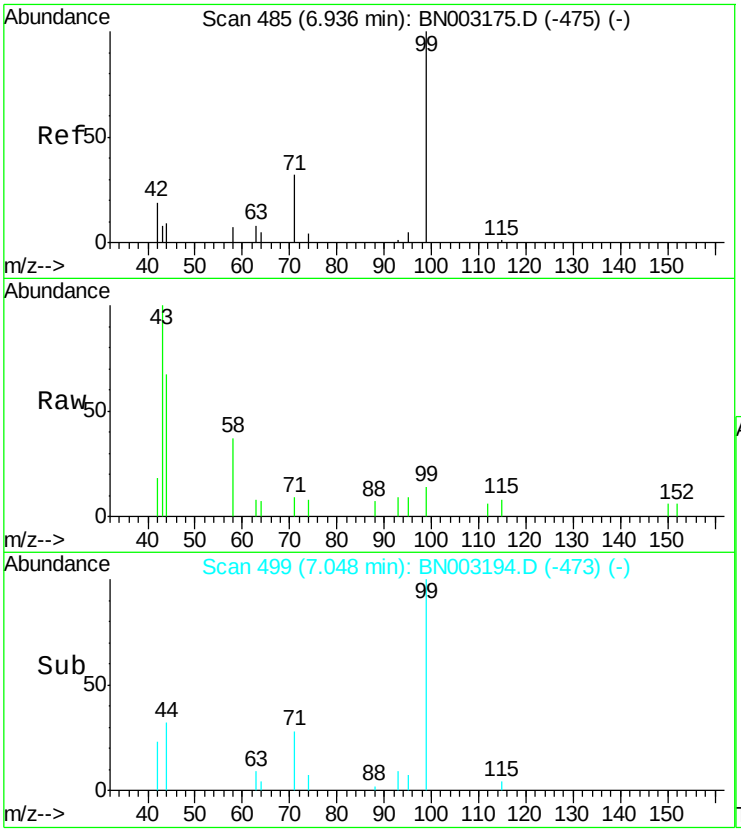


#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.36 min Scan# 289
Delta R.T. 0.06 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:112 Resp: 111

Ion	Ratio	Lower	Upper
112	100		
64	68.5	49.0	73.4
63	0.0	25.9	38.9#



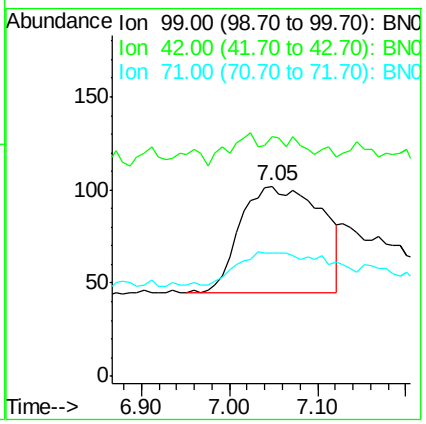


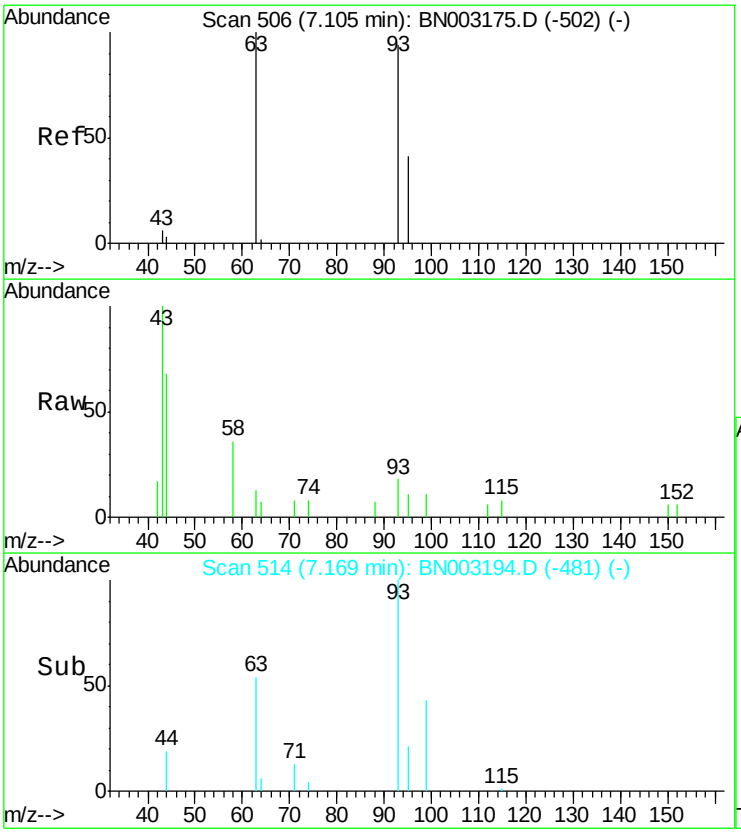
#5
Phenol-d6
Concen: 0.161 ng
RT: 7.05 min Scan# 499
Delta R.T. 0.11 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion: 99 Resp: 363

Ion	Ratio	Lower	Upper
99	100		
42	1.7	15.4	23.2#
71	0.0	26.0	39.0#

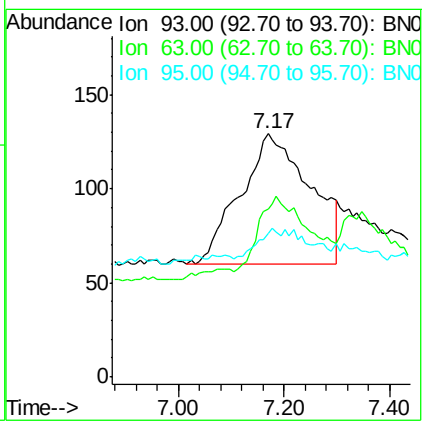


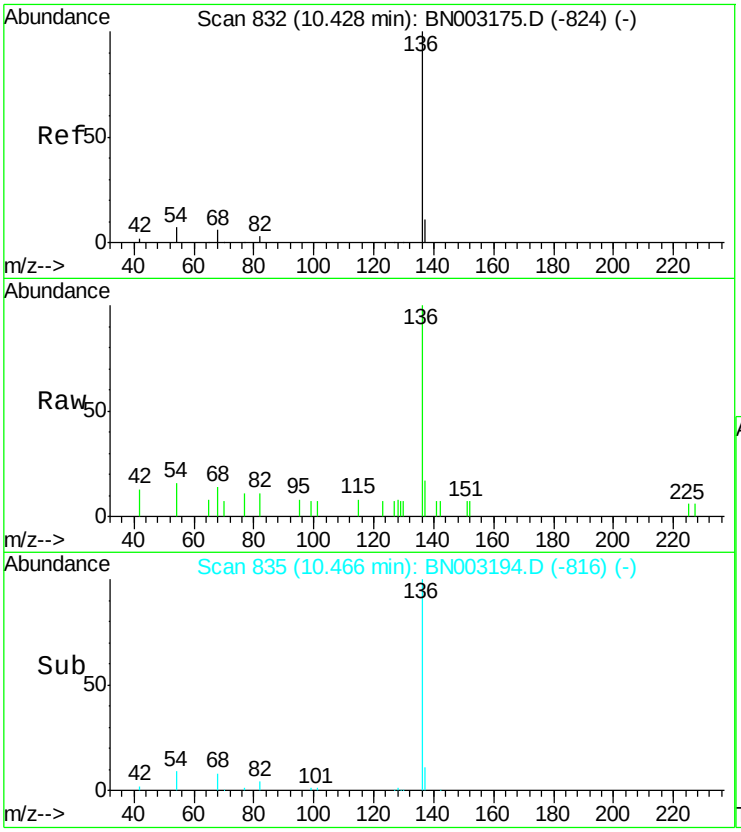


#6
bis(2-Chloroethyl)ether
Concen: 0.335 ng
RT: 7.17 min Scan# 514
Delta R.T. 0.06 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion: 93 Resp: 635

Ion	Ratio	Lower	Upper
93	100		
63	41.4	54.2	81.4#
95	7.1	24.9	37.3#



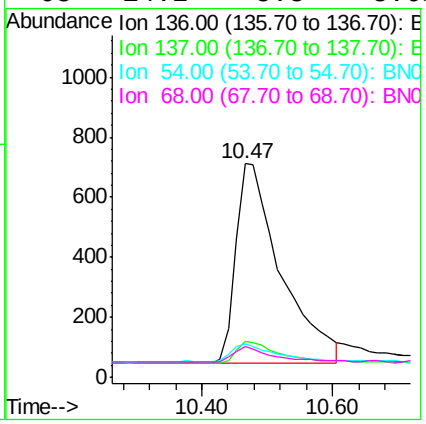


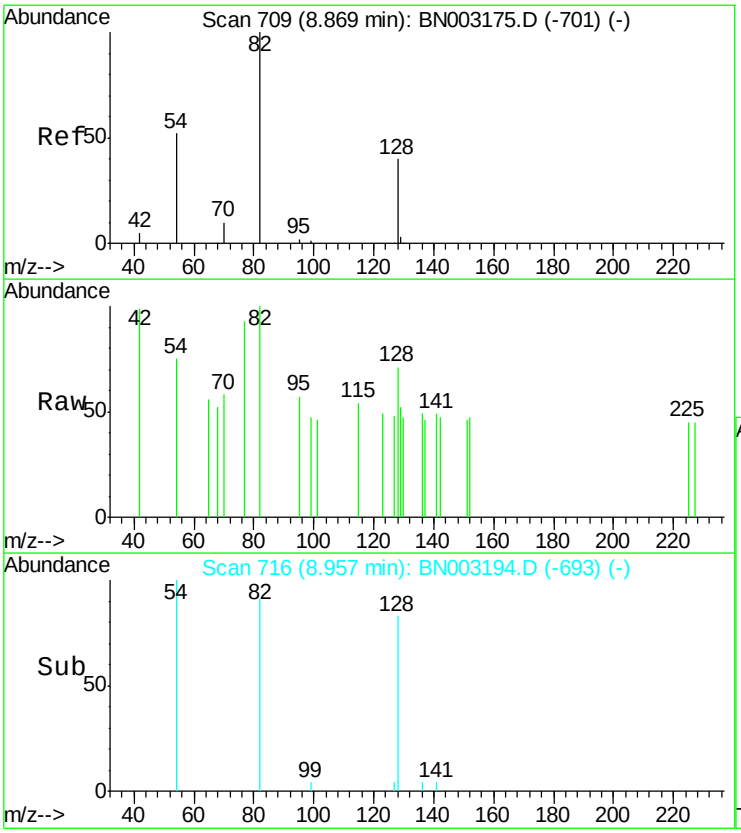
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. 0.04 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:136 Resp: 3186

Ion	Ratio	Lower	Upper
136	100		
137	16.9	9.4	14.0#
54	15.7	7.4	11.0#
68	14.2	5.8	8.6#

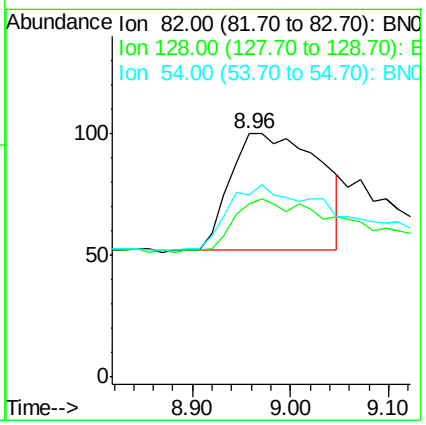


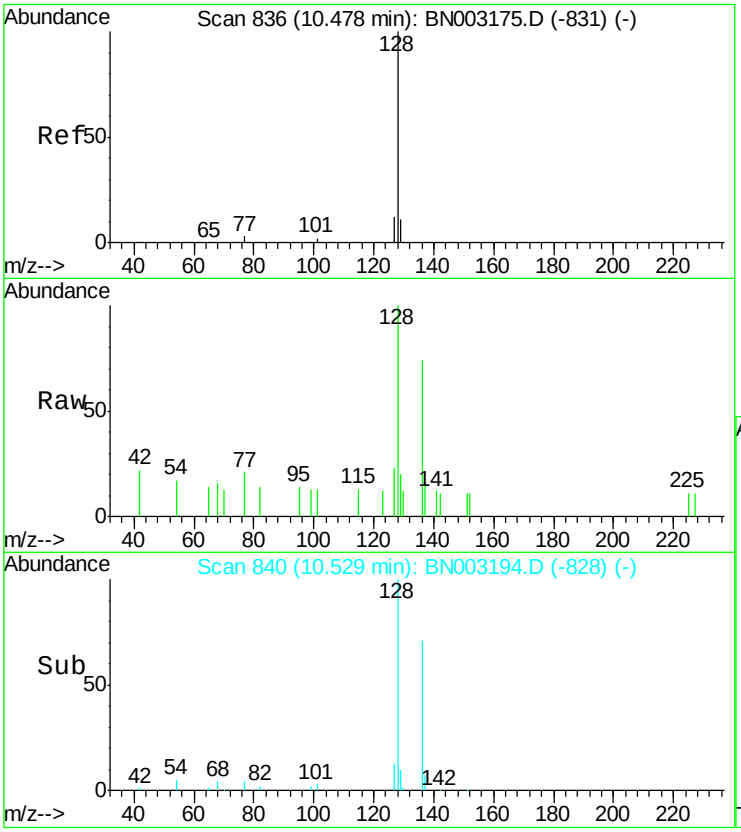


#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 8.96 min Scan# 716
Delta R.T. 0.09 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion: 82 Resp: 305

Ion	Ratio	Lower	Upper
82	100		
128	71.0	38.2	57.4#
54	75.0	44.1	66.1#



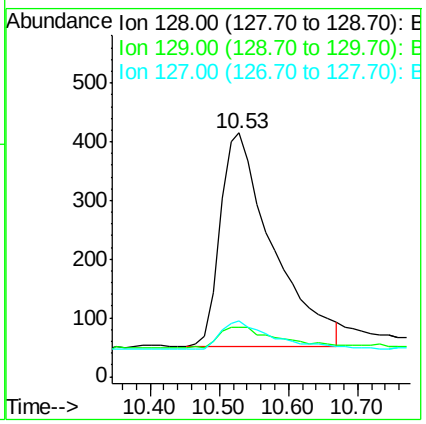


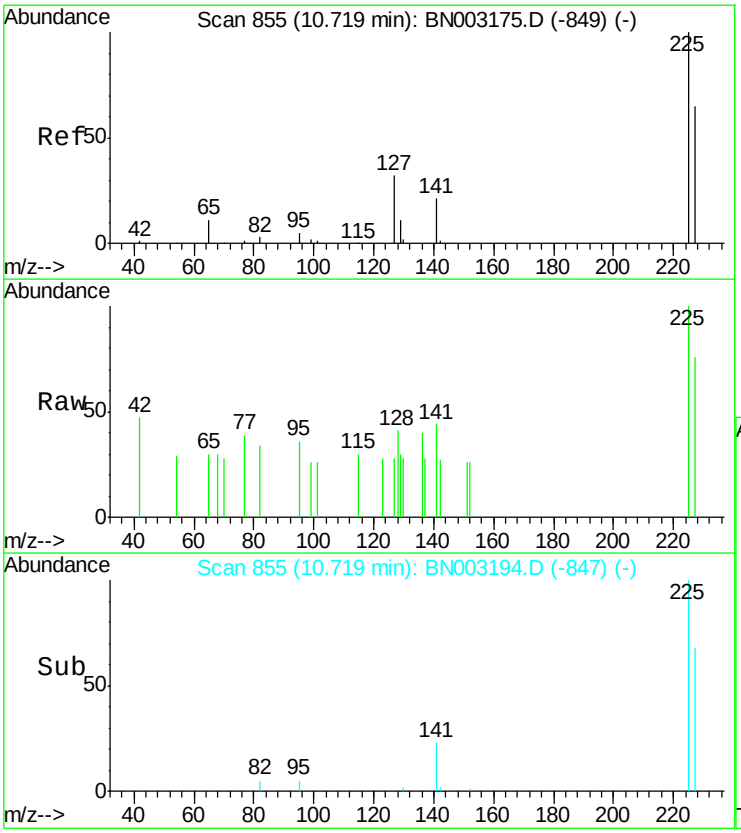
#9
Naphthalene
Concen: 0.241 ng
RT: 10.53 min Scan# 840
Delta R.T. 0.05 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:128 Resp: 1909

Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.8	14.6#
127	22.9	11.4	17.2#

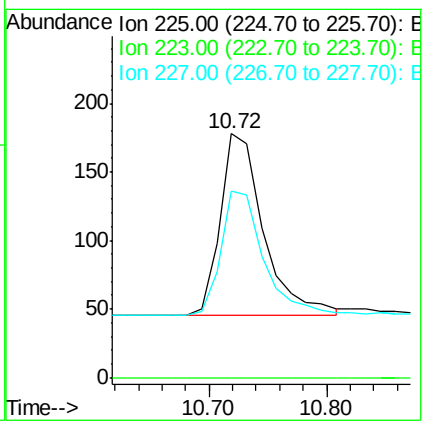


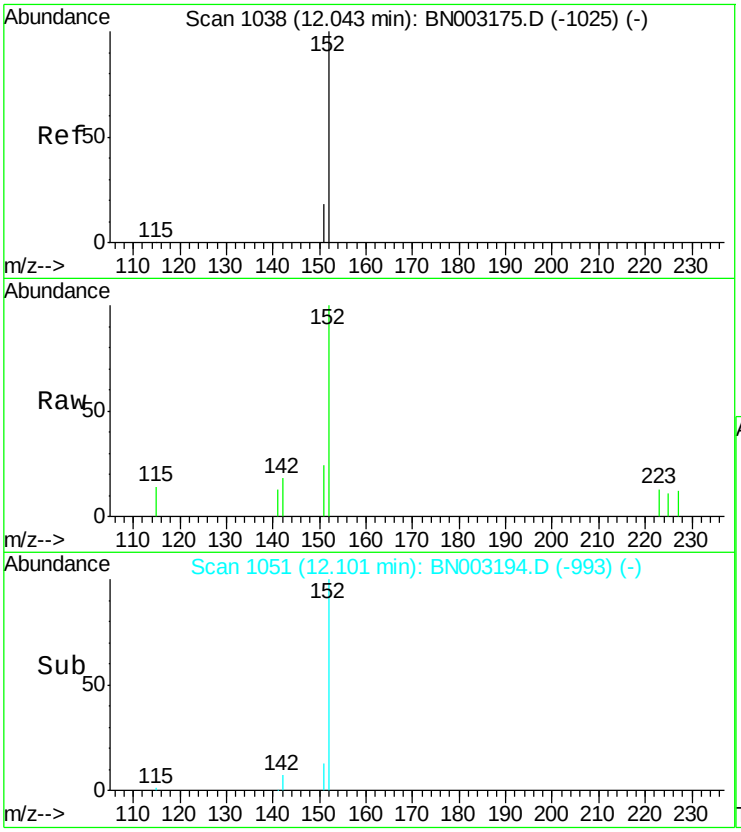


#10
Hexachlorobutadiene
Concen: 0.220 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:225 Resp: 342

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	67.3	51.8	77.8



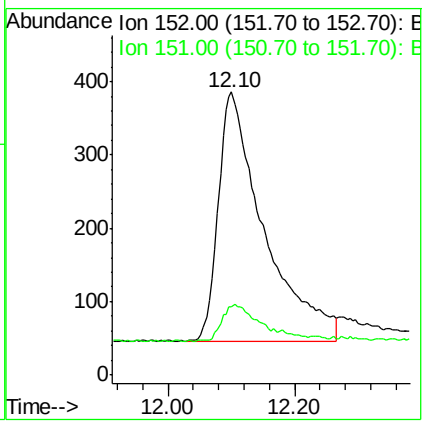


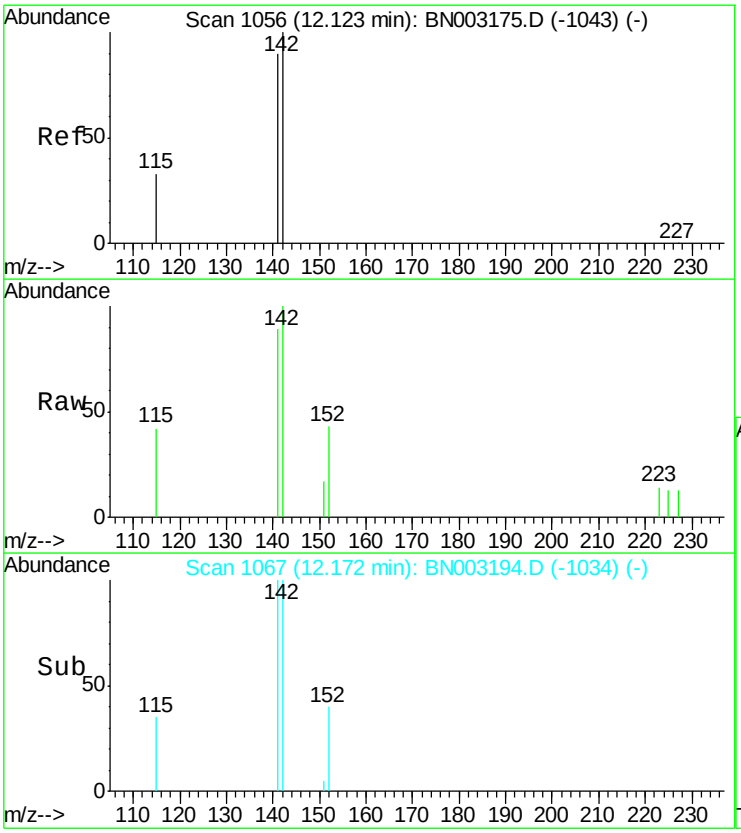
#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.10 min Scan# 1051
Delta R.T. 0.06 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:152 Resp: 1691

Ion	Ratio	Lower	Upper
152	100		
151	13.0	15.0	22.4#

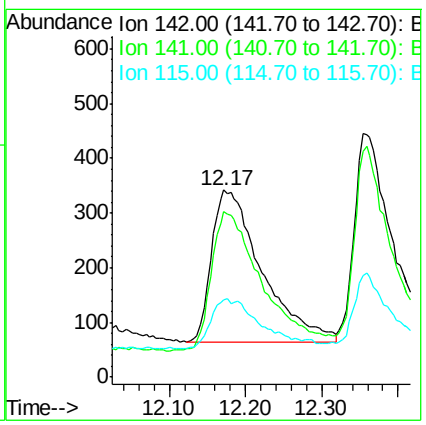


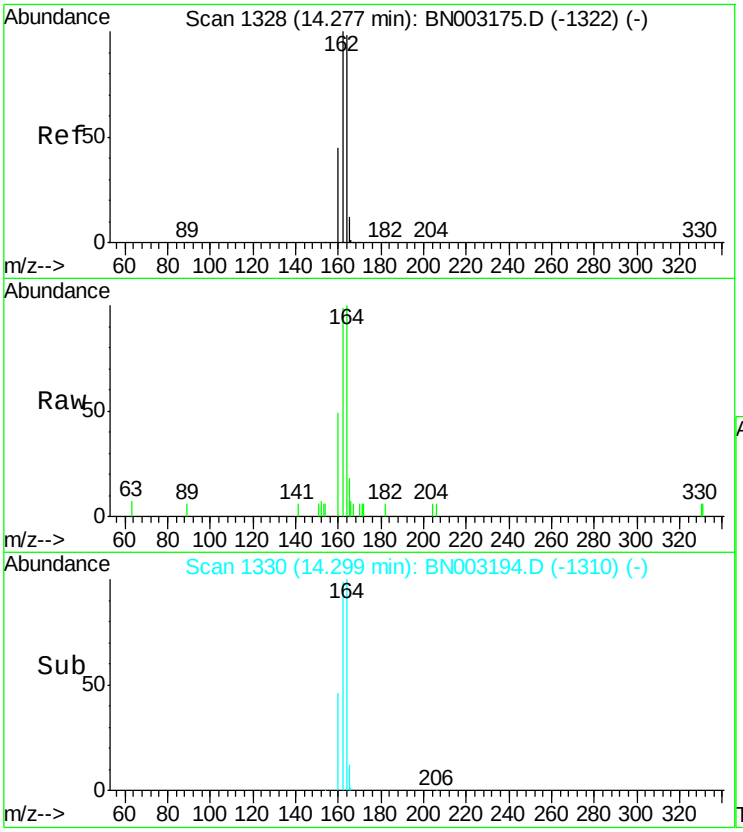


#12
2-Methylnaphthalene
Concen: 0.235 ng
RT: 12.17 min Scan# 1067
Delta R.T. 0.05 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:142 Resp: 1273

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.5	107.3
115	41.5	28.1	42.1



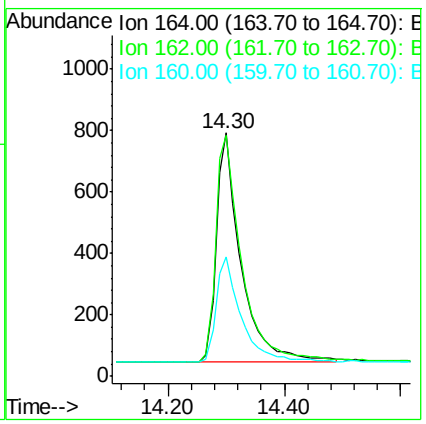


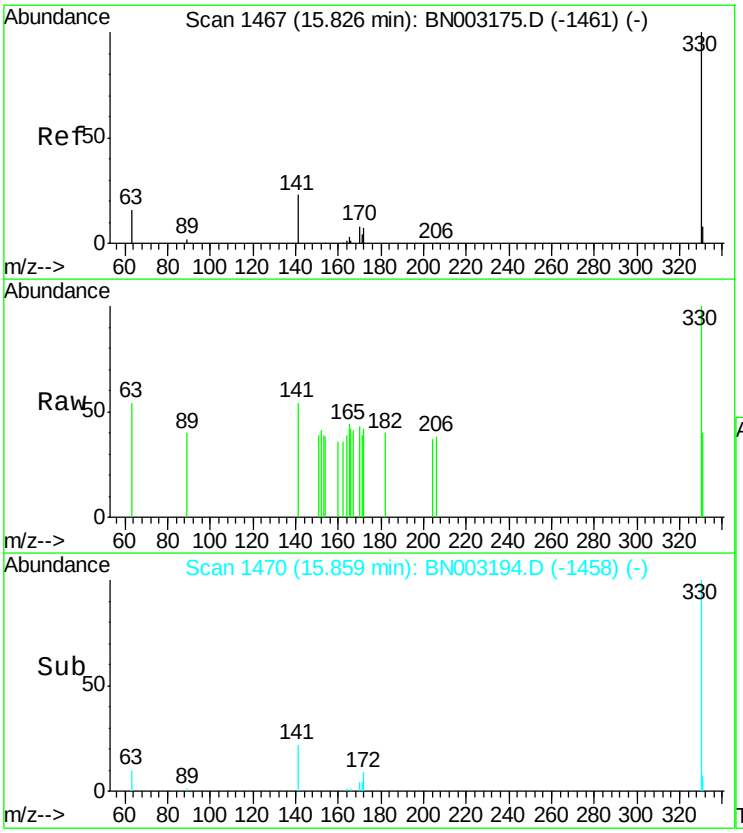
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:164 Resp: 2181

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.7	122.5
160	48.9	36.3	54.5

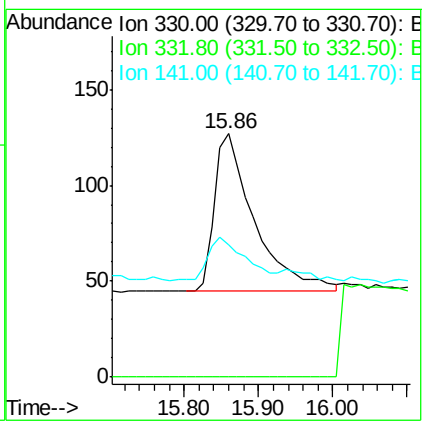


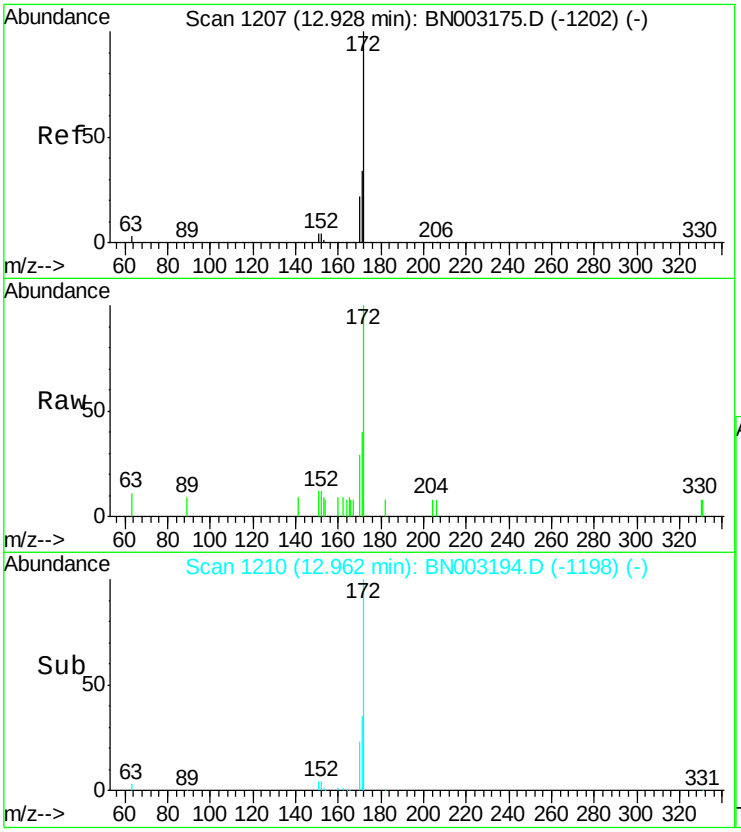


#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 15.86 min Scan# 1470
Delta R.T. 0.03 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:330 Resp: 305

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.9	22.6	33.8



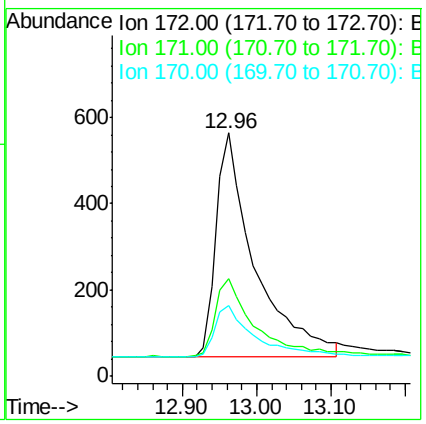


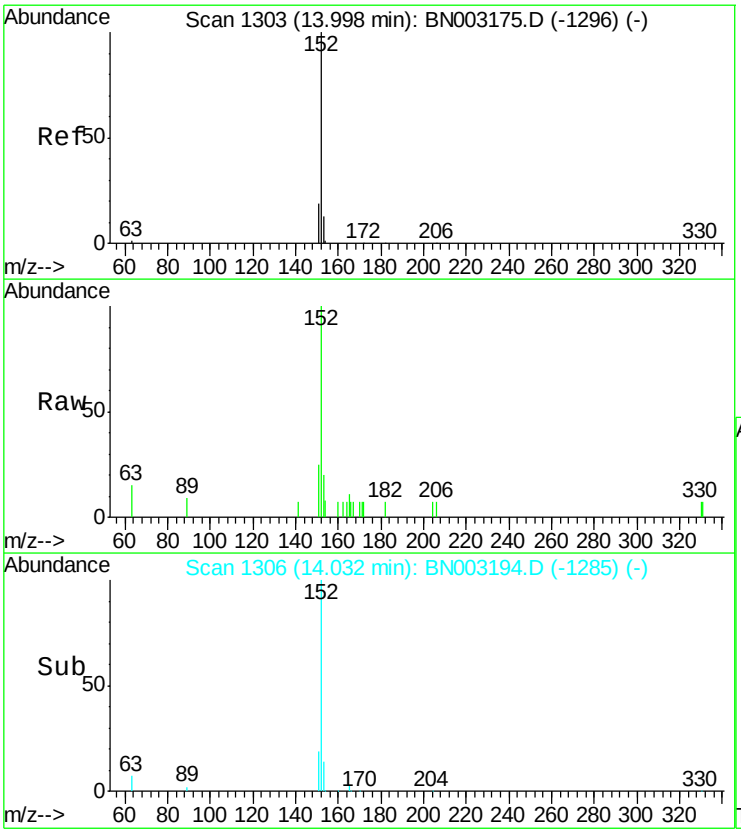
#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:172 Resp: 1892

Ion	Ratio	Lower	Upper
172	100		
171	40.1	28.6	43.0
170	28.9	18.6	27.8#

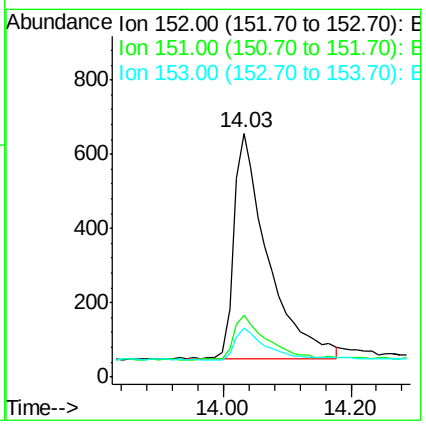


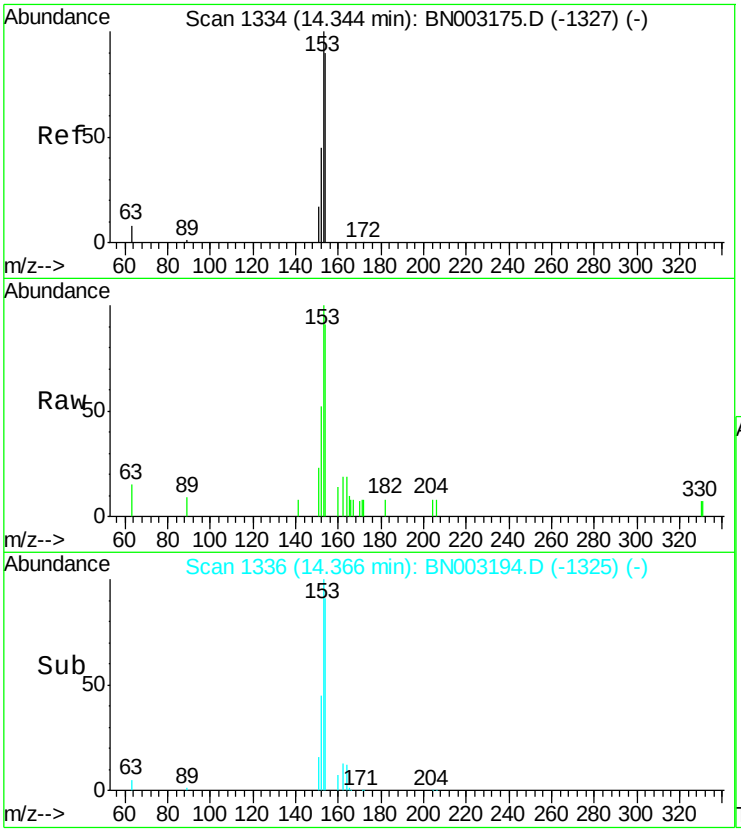


#16
Acenaphthylene
Concen: 0.228 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.03 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:152 Resp: 2256

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.4	10.6	16.0



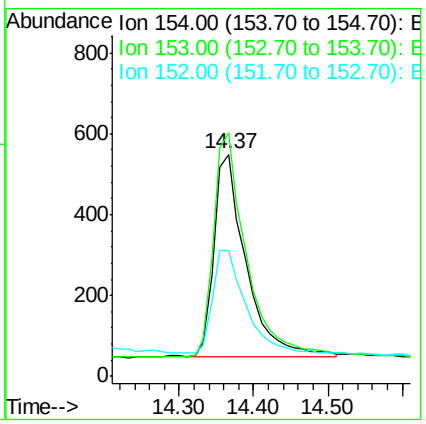


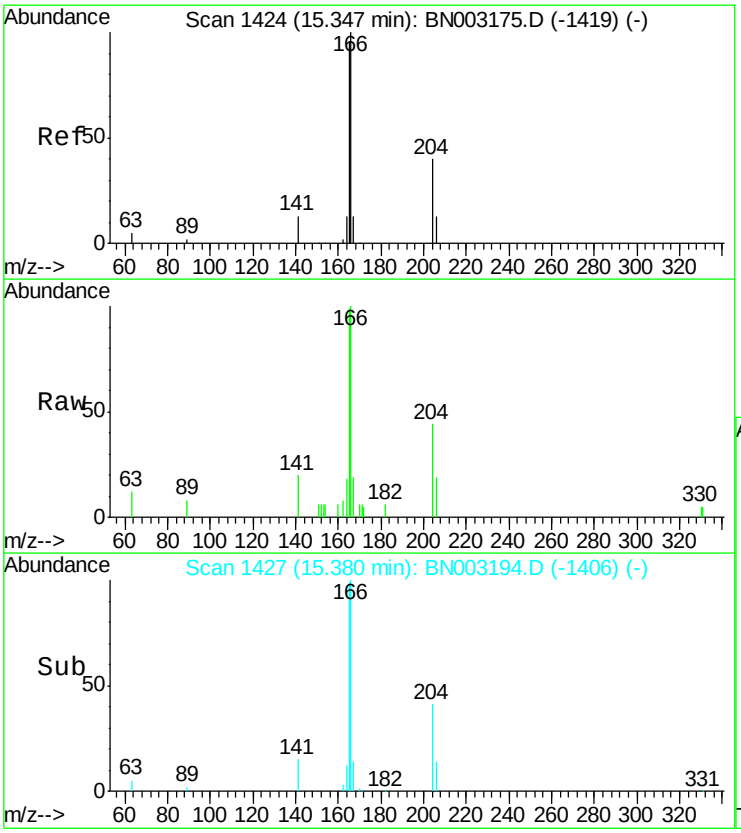
#17
Acenaphthene
Concen: 0.227 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:154 Resp: 1500

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.4
152	52.1	43.8	65.6

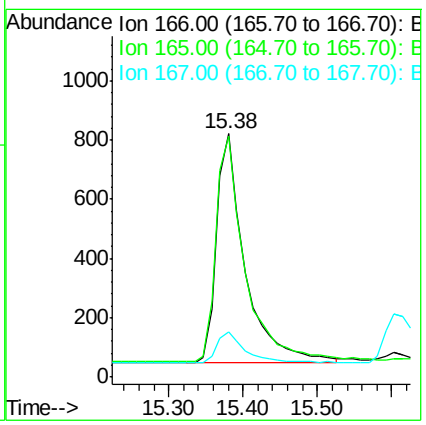


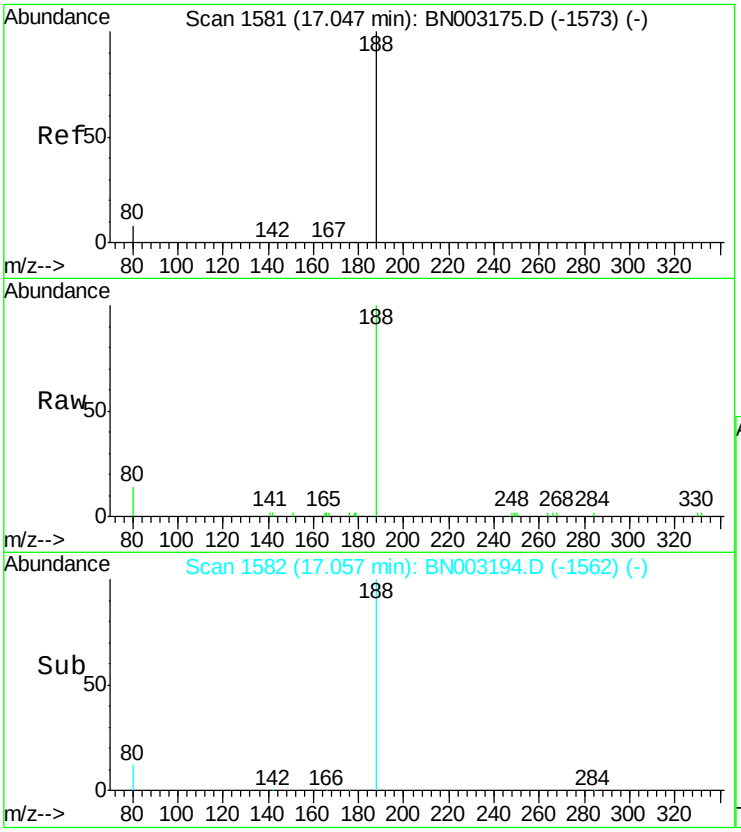


#18
Fluorene
Concen: 0.241 ng
RT: 15.38 min Scan# 1427
Delta R.T. 0.03 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:166 Resp: 2068

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.2	117.2
167	13.9	10.7	16.1



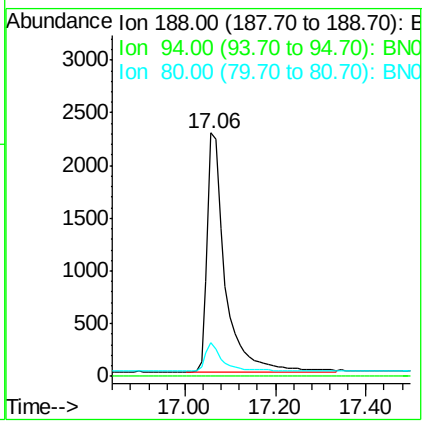


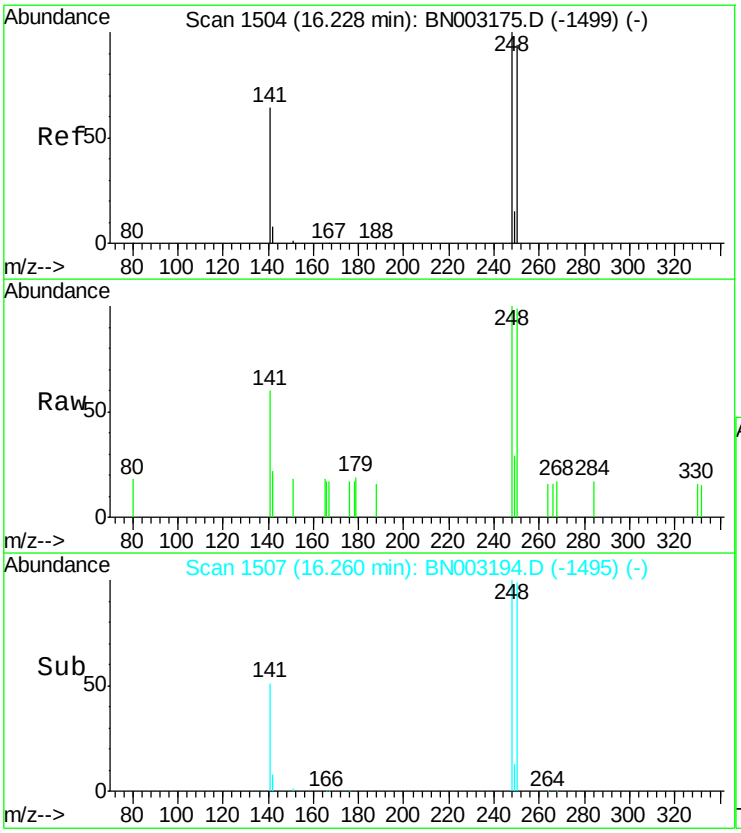
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:188 Resp: 6223

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	6.7	10.1#

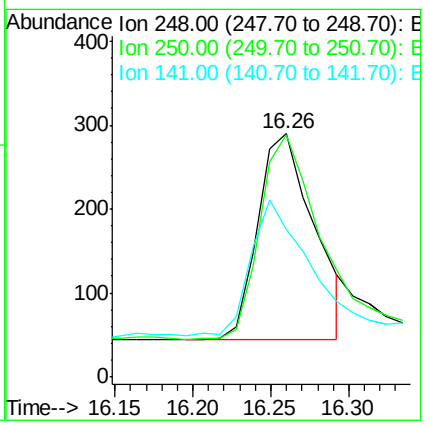


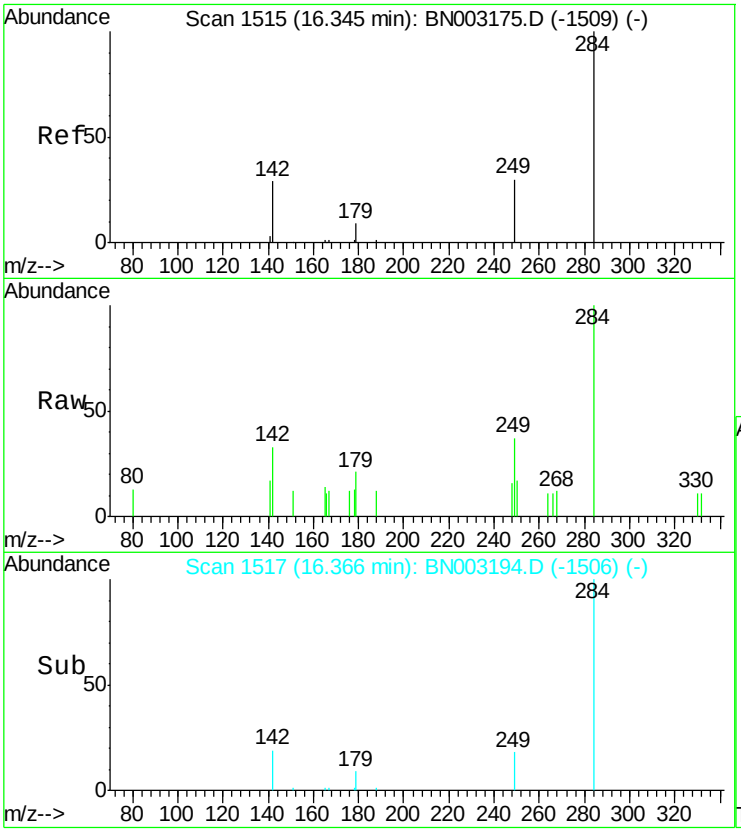


#20
4-Bromophenyl-phenylether
Concen: 0.176 ng
RT: 16.26 min Scan# 1507
Delta R.T. 0.03 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:248 Resp: 610

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.9	118.3
141	60.3	48.5	72.7



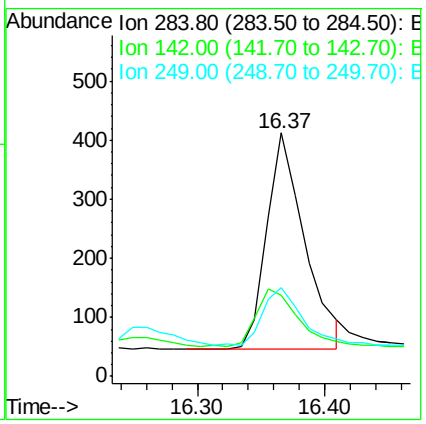


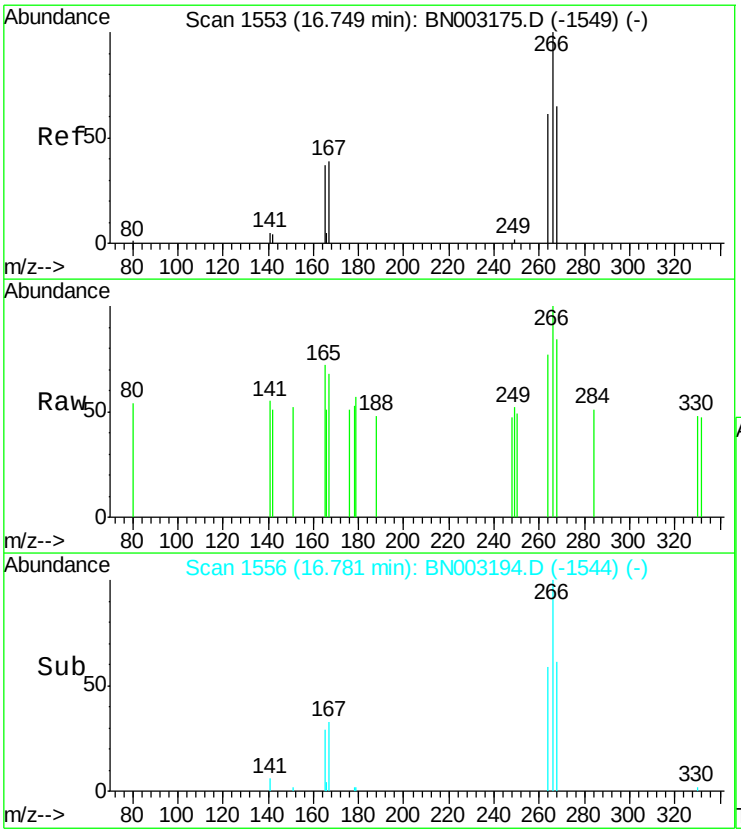
#21
Hexachlorobenzene
Concen: 0.197 ng
RT: 16.37 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:284 Resp: 756

Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.6	37.0
249	27.1	22.3	33.5

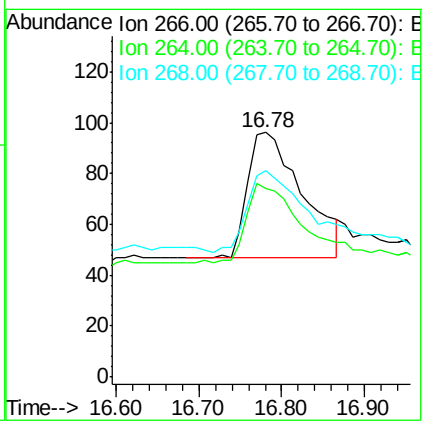


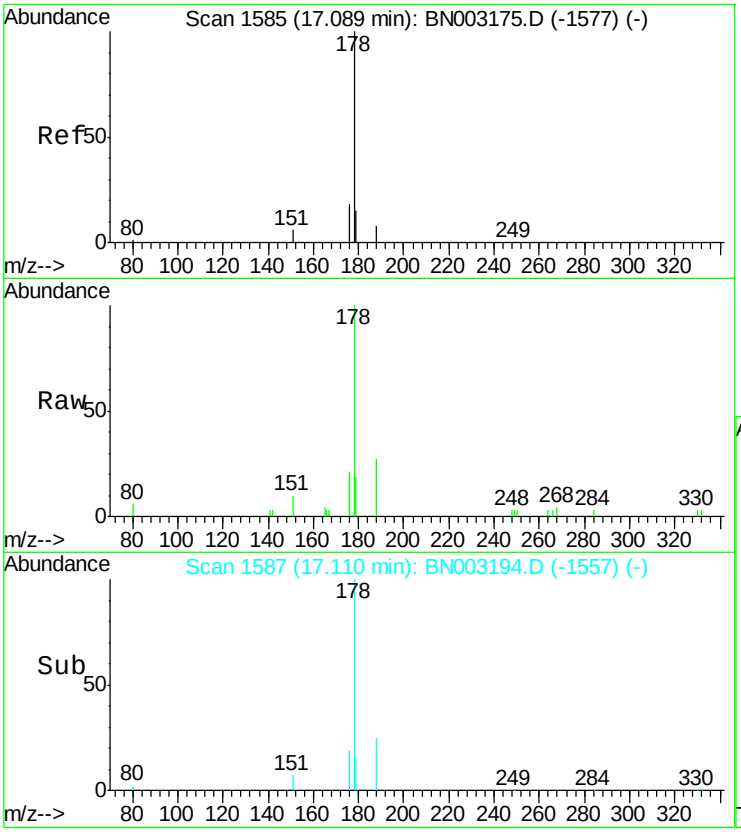


#22
Pentachlorophenol
Concen: 0.338 ng
RT: 16.78 min Scan# 1556
Delta R.T. 0.03 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:266 Resp: 223

Ion	Ratio	Lower	Upper
266	100		
264	77.1	55.0	82.4
268	84.4	60.6	91.0



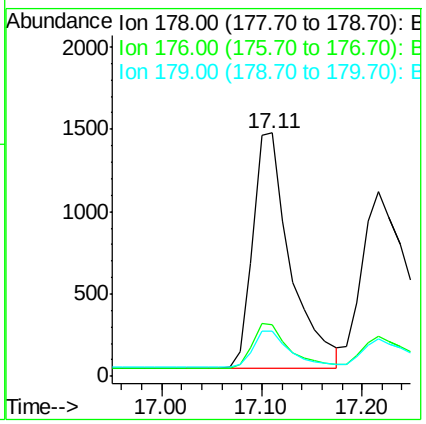


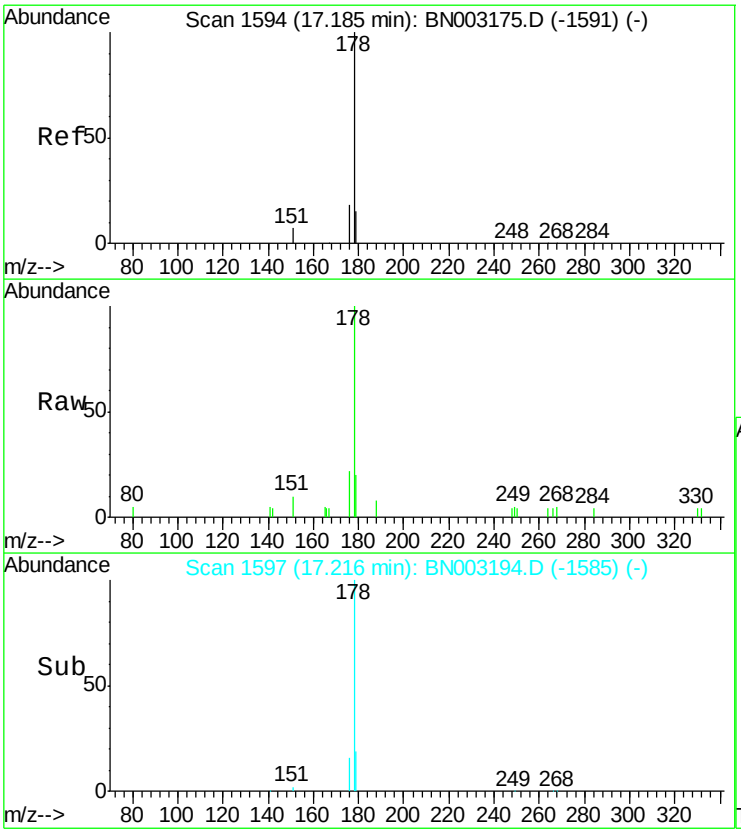
#23
Phenanthrene
Concen: 0.229 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:178 Resp: 3733

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.5	12.3	18.5

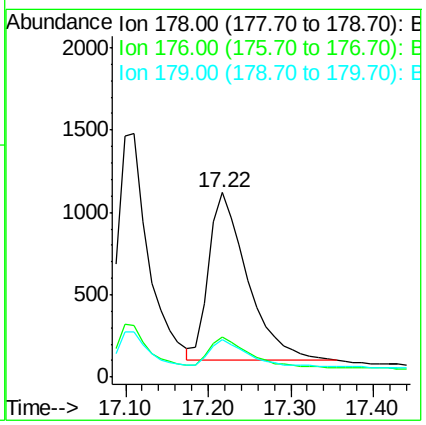


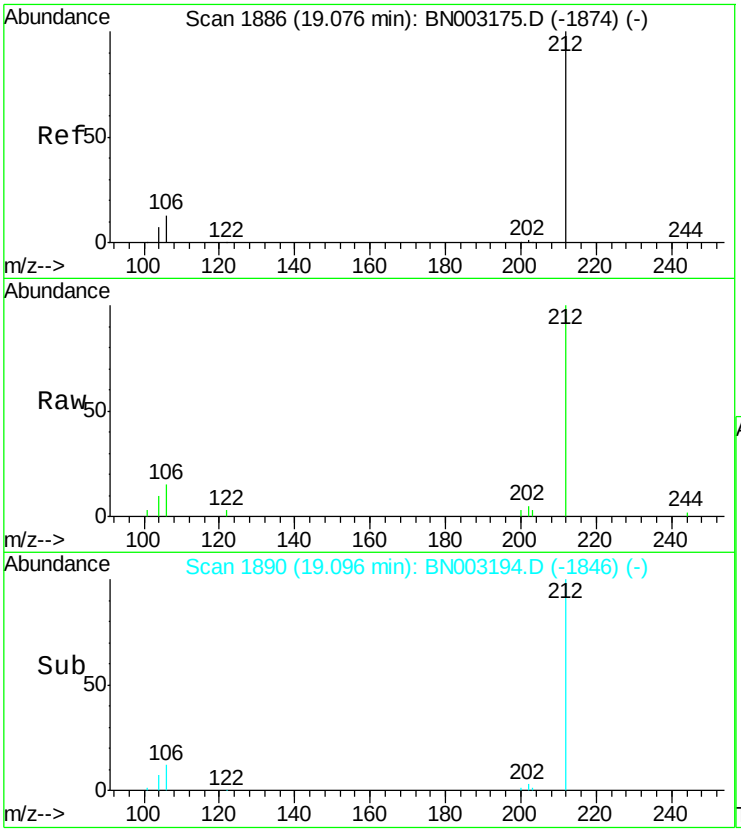


#24
Anthracene
Concen: 0.226 ng
RT: 17.22 min Scan# 1597
Delta R.T. 0.03 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:178 Resp: 3368

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.9	12.3	18.5



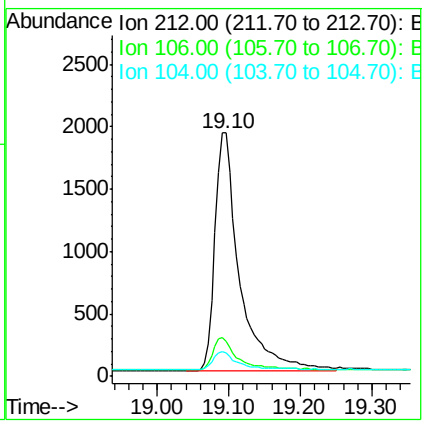


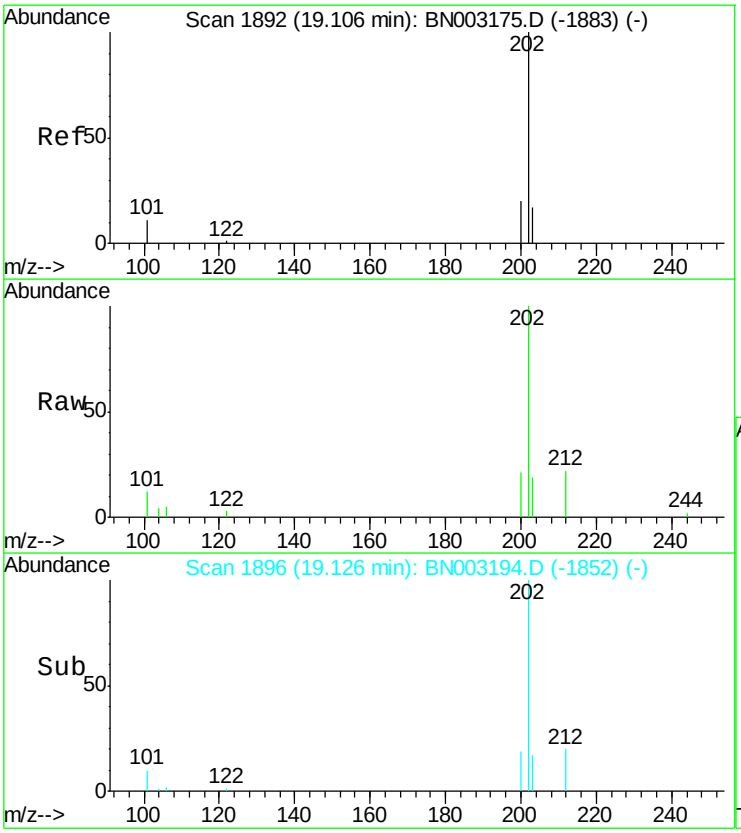
#25
Fluoranthene-d10
Concen: 0.235 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:212 Resp: 4533

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.2	15.4
104	7.6	5.8	8.6

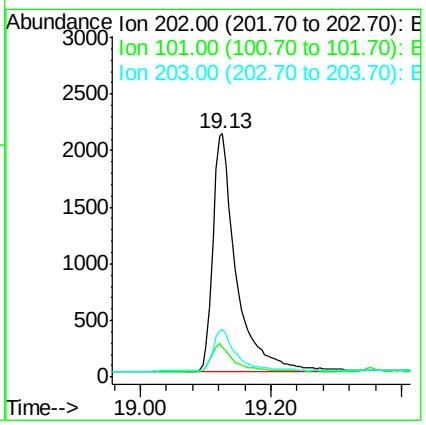


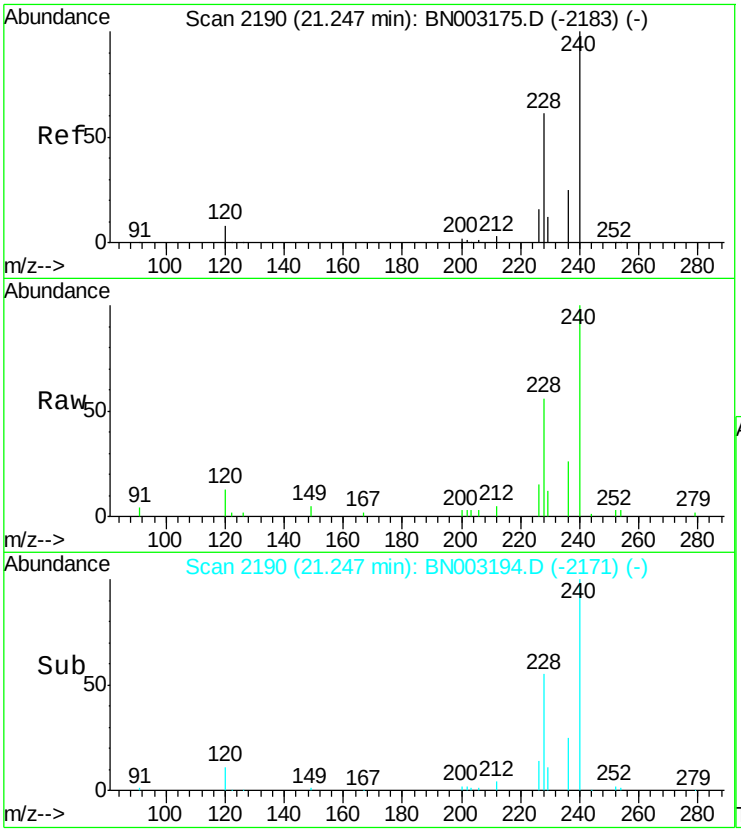


#26
Fluoranthene
Concen: 0.250 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:202 Resp: 5227

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
203	16.6	13.7	20.5



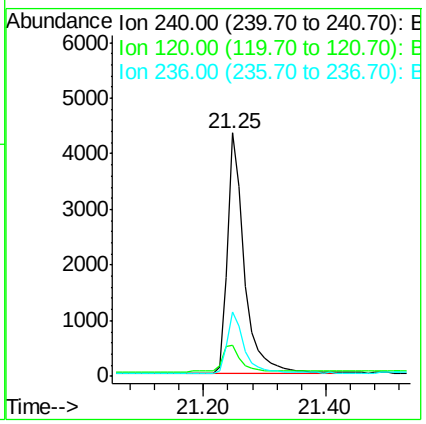


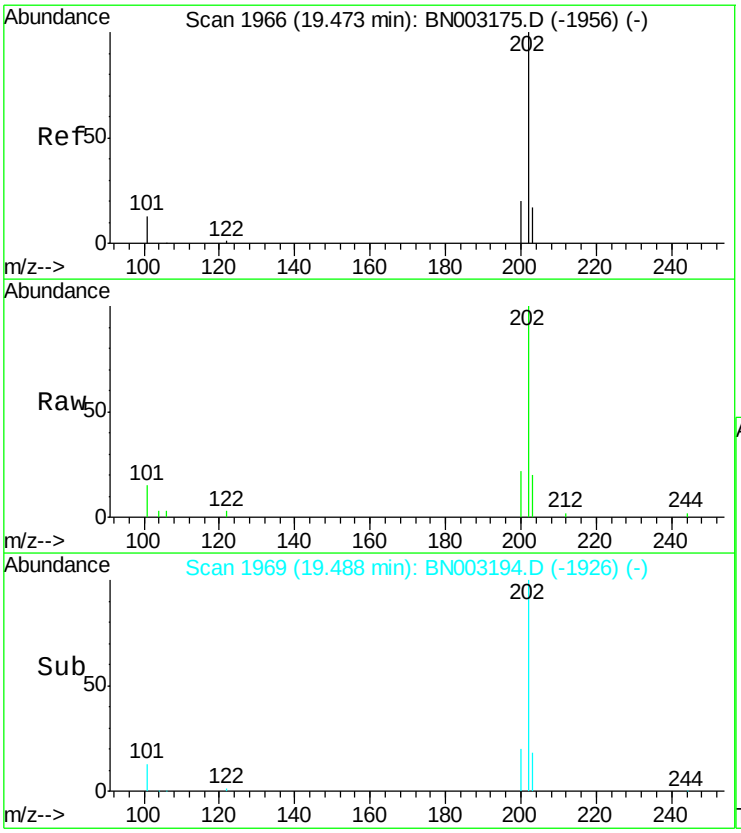
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:240 Resp: 8463

Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.8	11.8#
236	26.5	21.0	31.4

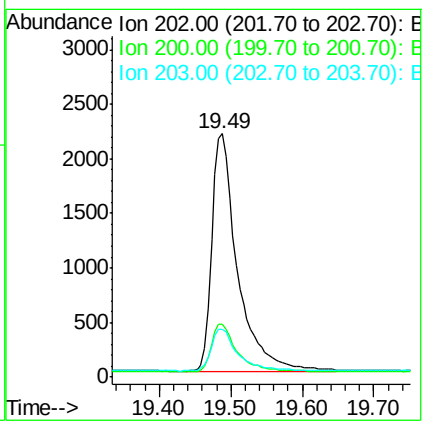


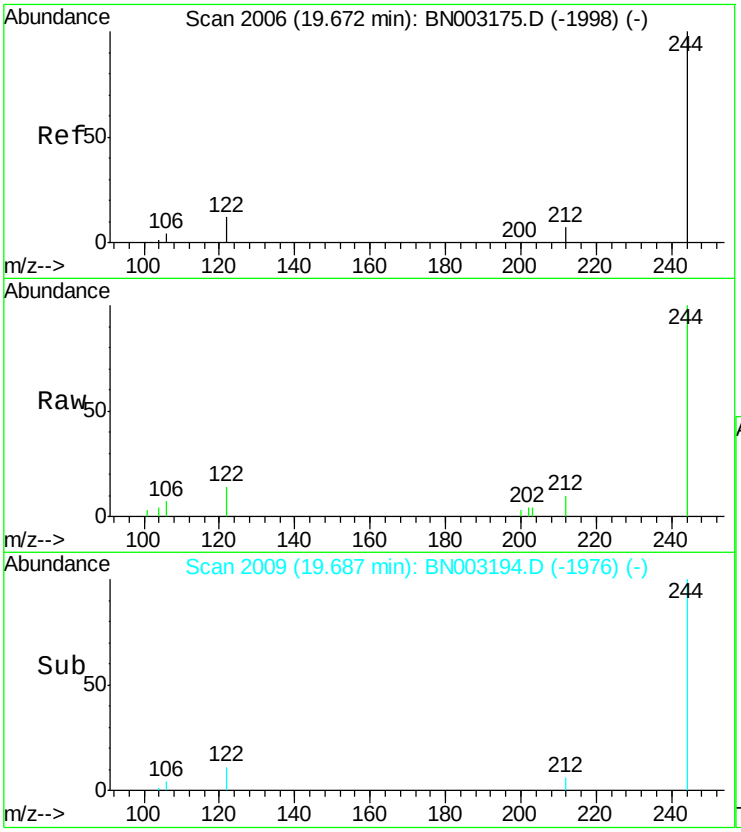


#28
Pyrene
Concen: 0.227 ng
RT: 19.49 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:202 Resp: 5379

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	18.6	14.2	21.2



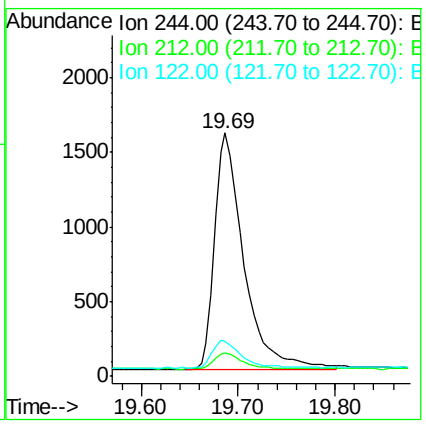


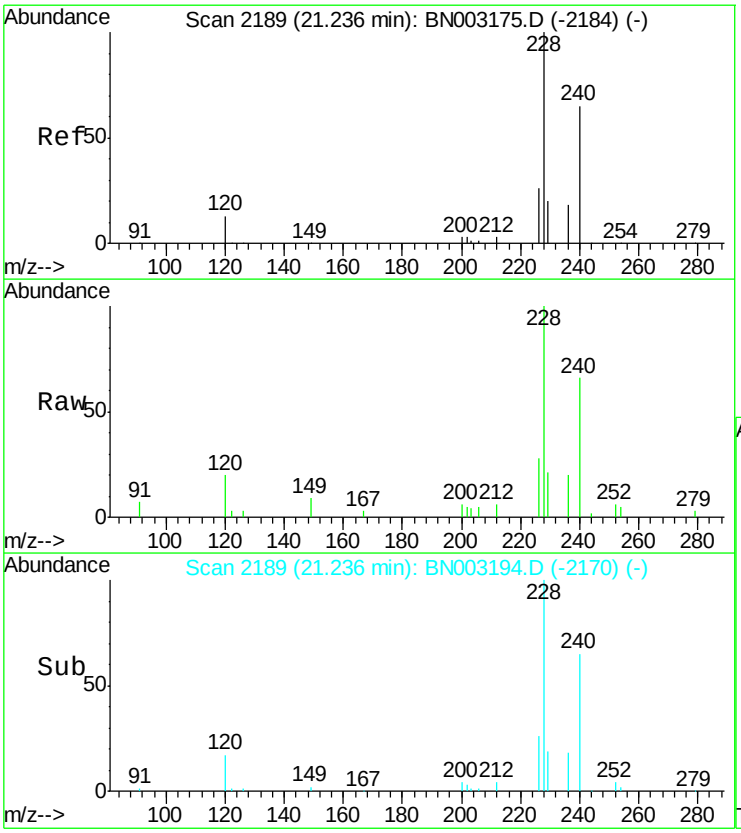
#29
Terphenyl-d14
Concen: 0.181 ng
RT: 19.69 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:244 Resp: 3319

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.2	9.4#
122	14.2	9.1	13.7#

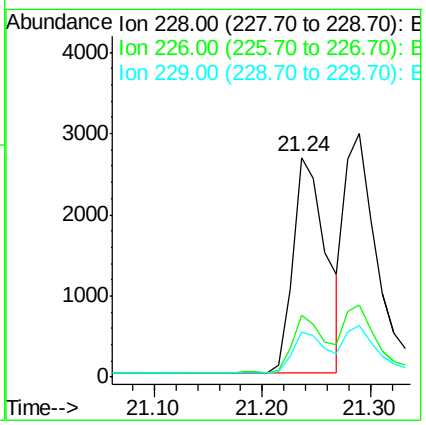


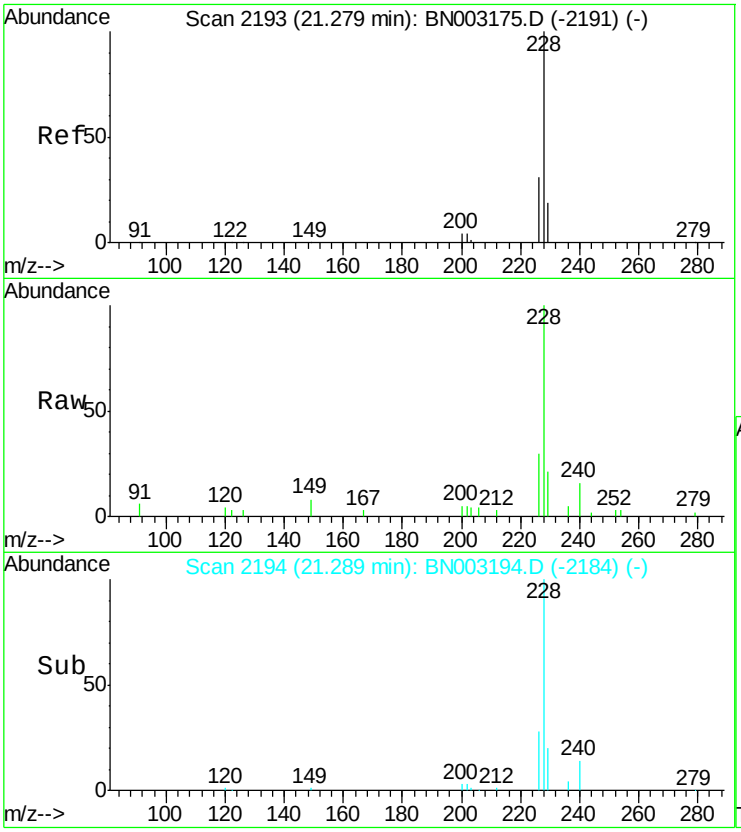


#30
Benzo(a)anthracene
Concen: 0.249 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:228 Resp: 5673

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.2
229	20.7	16.4	24.6



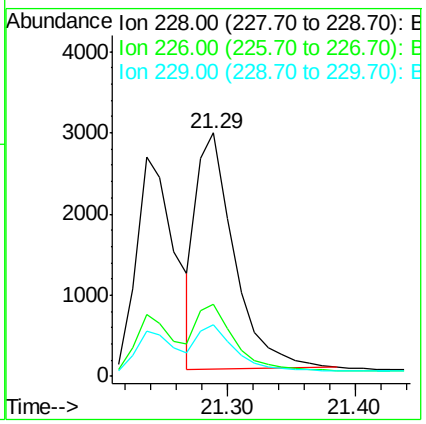


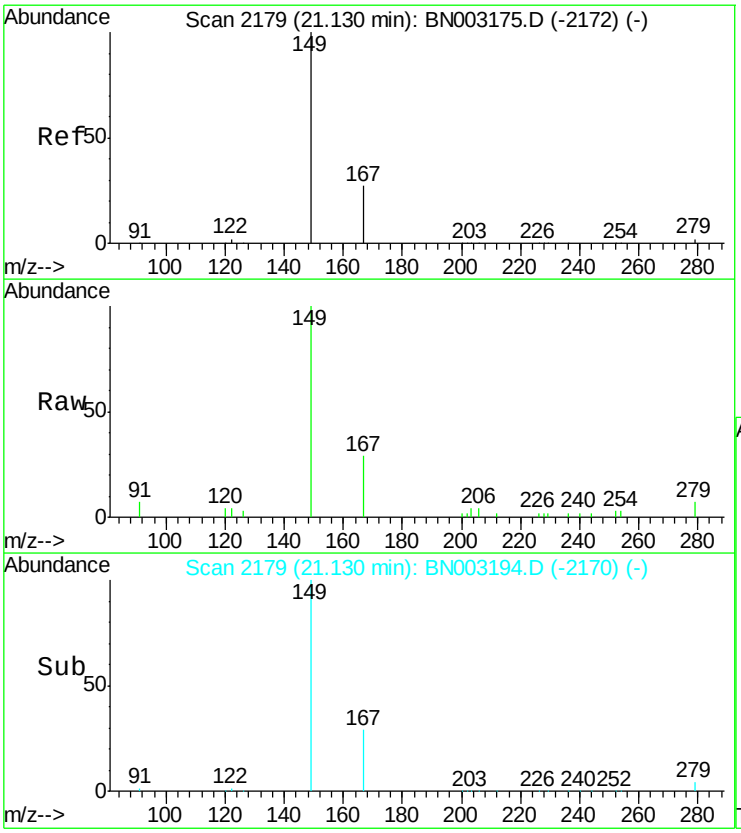
#31
Chrysene
Concen: 0.230 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:228 Resp: 5968

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	21.3	15.9	23.9

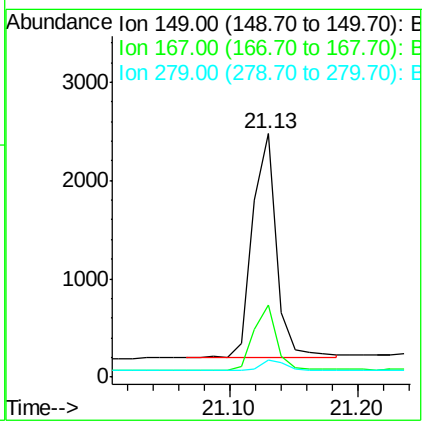


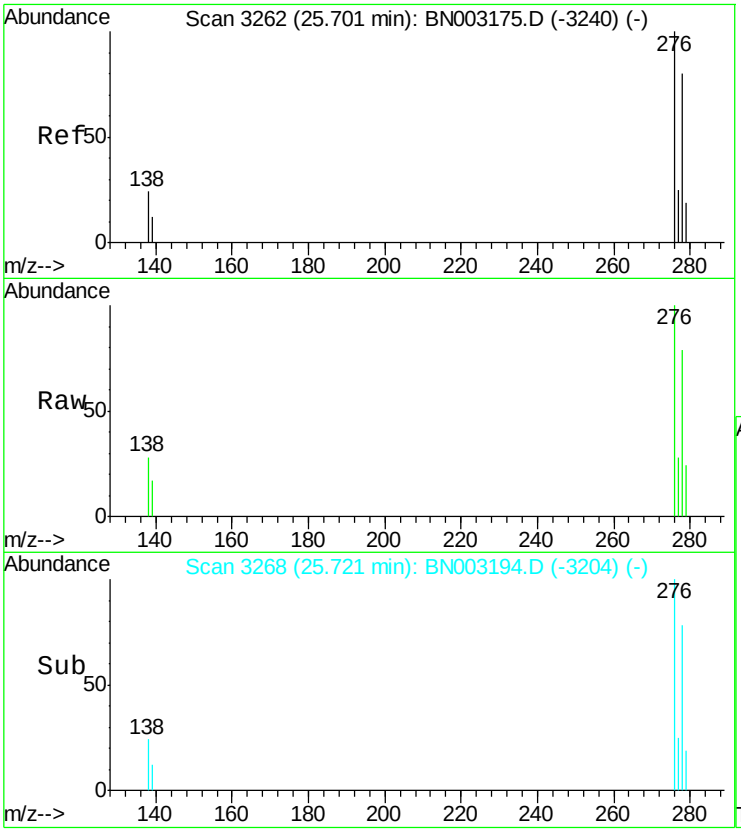


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.223 ng
RT: 21.13 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:149 Resp: 3013

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	4.9	3.7	5.5



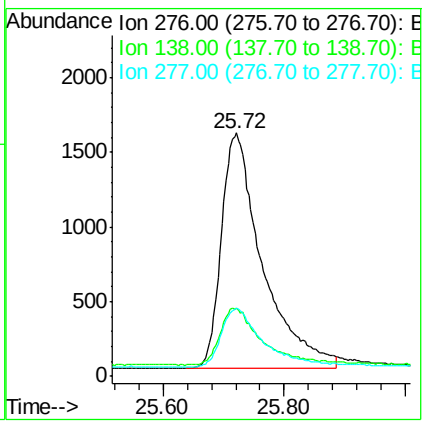


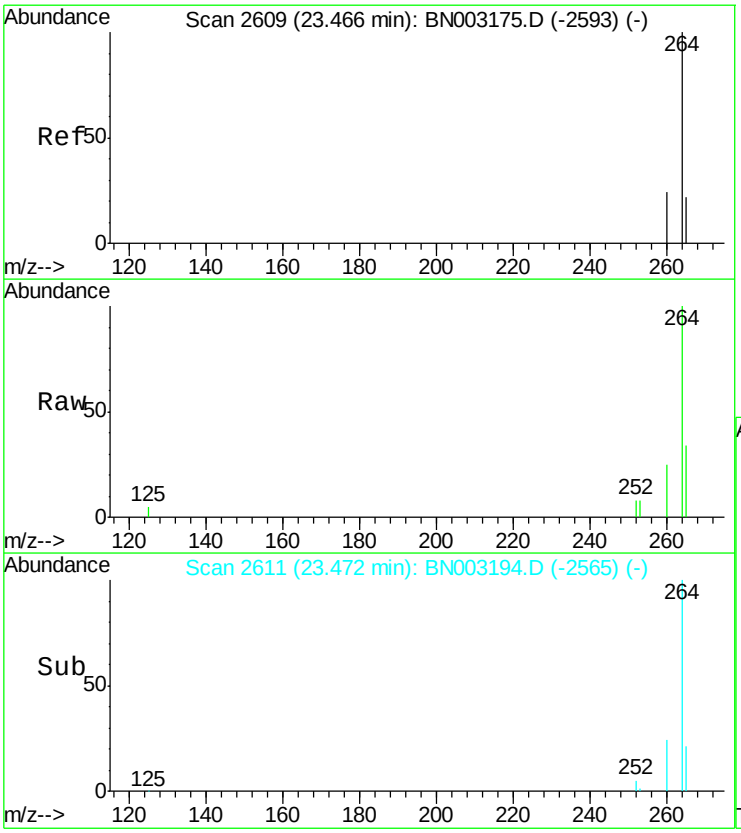
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng
RT: 25.72 min Scan# 3268
Delta R.T. 0.02 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:276 Resp: 7436

Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.2	27.4
277	25.1	20.2	30.4

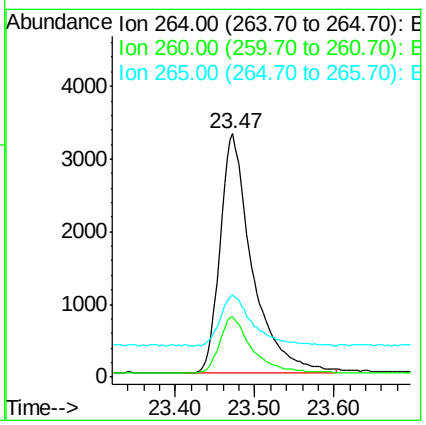


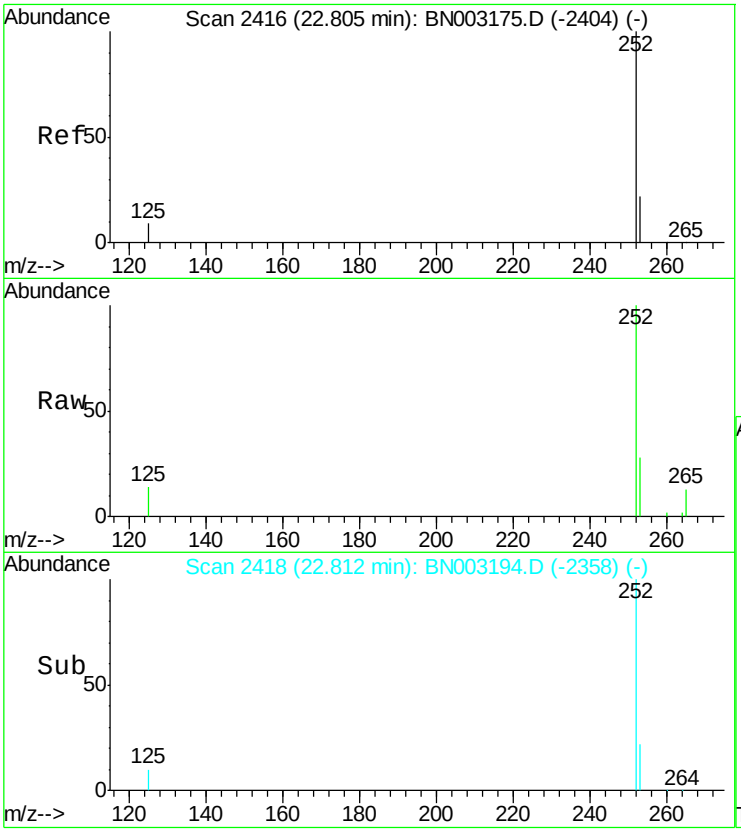


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2611
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:264 Resp: 9221

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	33.7	27.6	41.4



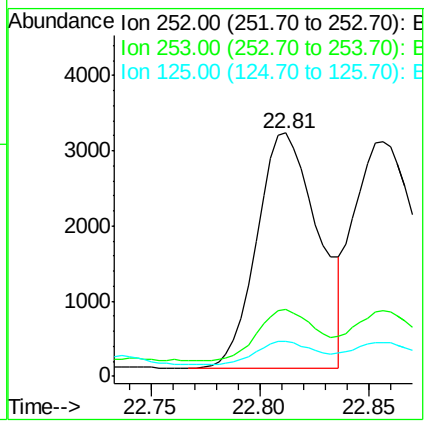


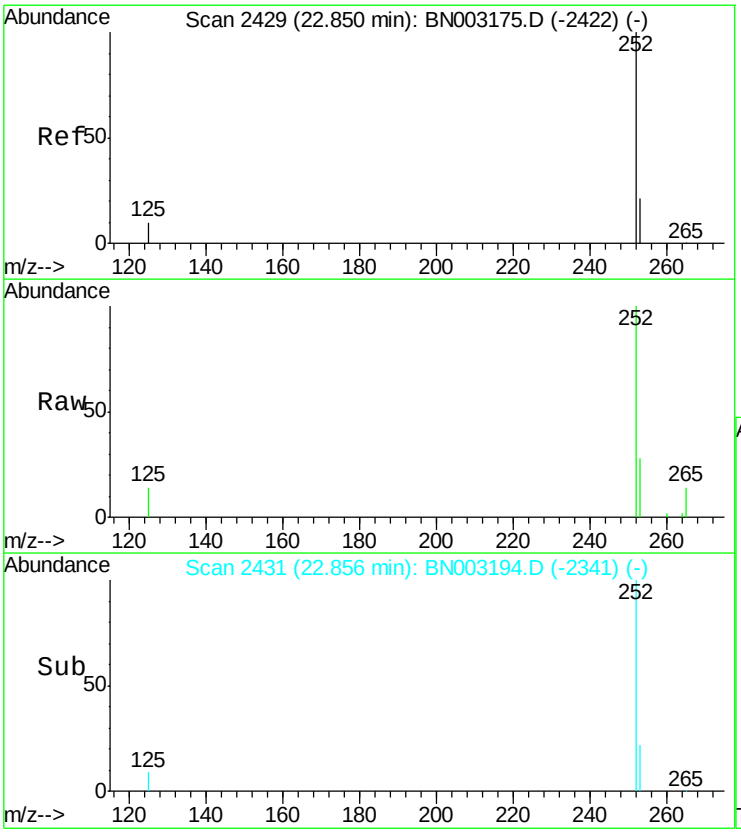
#35
Benzo(b)fluoranthene
Concen: 0.245 ng
RT: 22.81 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:252 Resp: 6112

Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.8	31.2
125	14.2	9.6	14.4

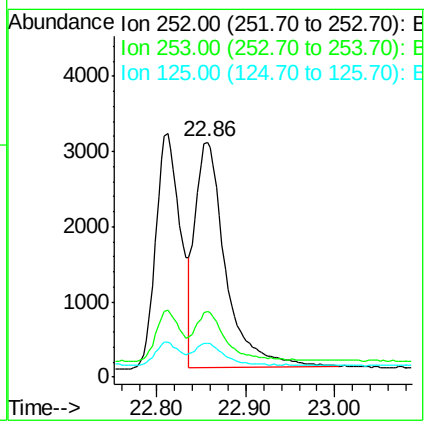


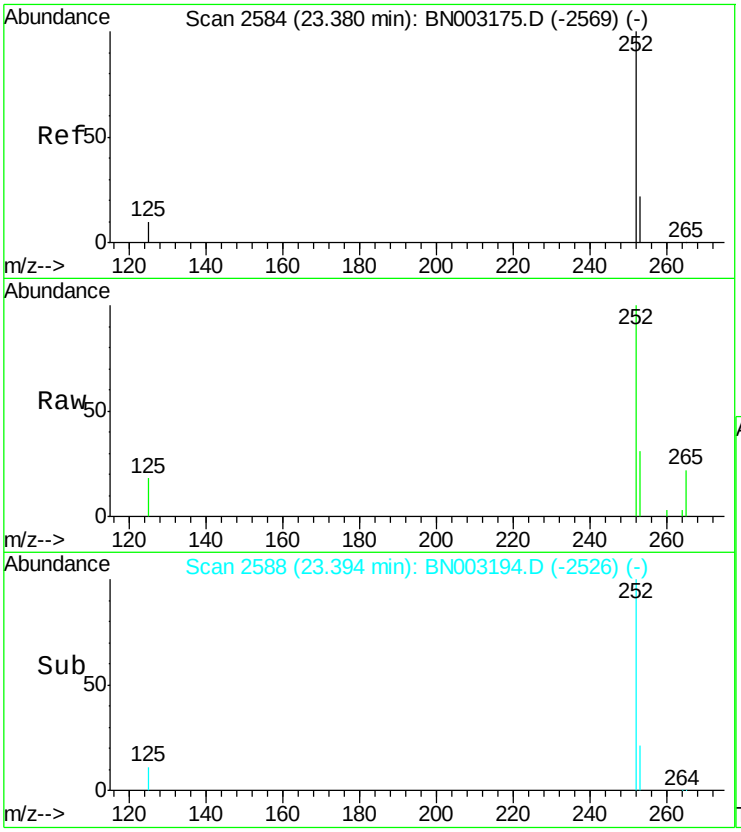


#36
Benzo(k)fluoranthene
Concen: 0.243 ng
RT: 22.86 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:252 Resp: 7136

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.5	30.7
125	14.1	9.4	14.0#



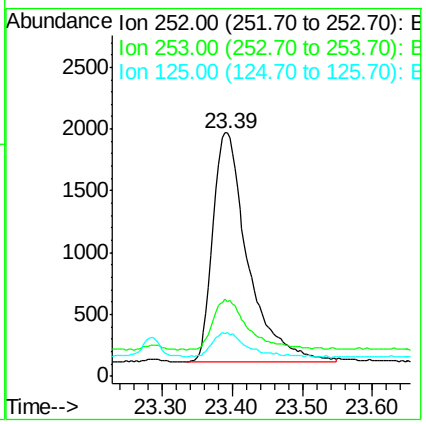


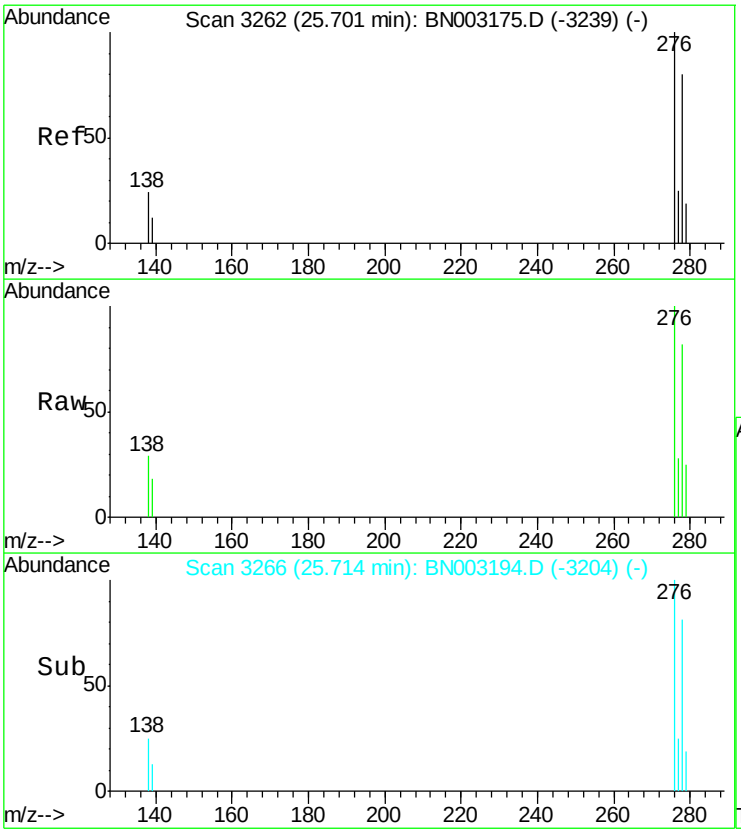
#37
Benzo(a)pyrene
Concen: 0.250 ng
RT: 23.39 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:252 Resp: 6414

Ion	Ratio	Lower	Upper
252	100		
253	30.6	22.4	33.6
125	18.1	11.4	17.0#

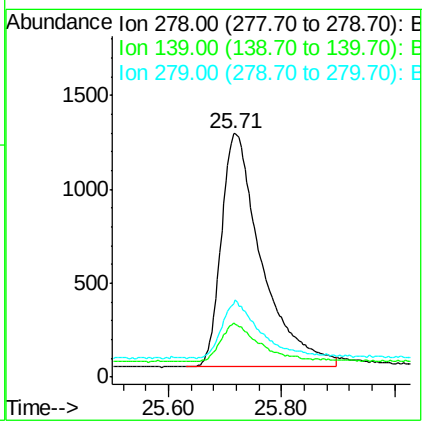


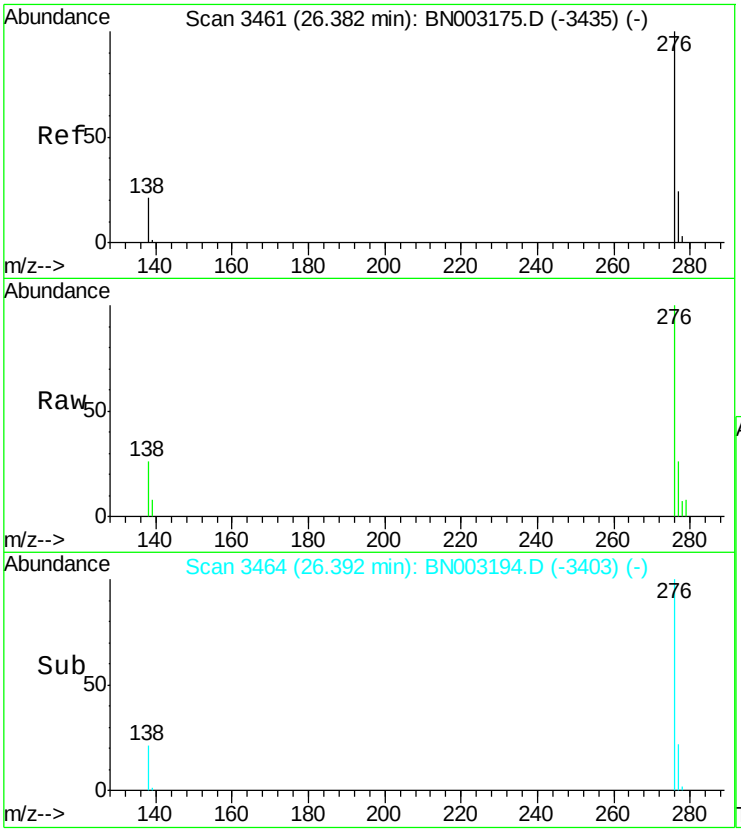


#38
Dibenzo(a,h)anthracene
Concen: 0.235 ng
RT: 25.71 min Scan# 3266
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Tgt Ion:278 Resp: 6167

Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.6	21.8#
279	30.4	23.1	34.7





#39
Benzo(g,h,i)perylene
Concen: 0.242 ng
RT: 26.39 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BN003194.D
Acq: 17 Oct 2018 23:33

Instrument :
BNA_N
ClientSampleId :
PB113685BS

Tgt Ion:276 Resp: 6416

Ion	Ratio	Lower	Upper
276	100		
277	26.5	21.0	31.4
138	25.7	18.1	27.1