Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101818\
Data File : BN003200.D
Acq On : 18 Oct 2018 10:44
Operator : MJ/SJ
Sample : PB113752BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 19 02:10:27 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	7.66	152	764	0.40	ng		0.02
7) Naphthalene-d8	10.47	136	3345	0.40	ng		0.04
13) Acenaphthene-d10	14.30	164	2339	0.40	ng		0.02
19) Phenanthrene-d10	17.07	188	6608	0.40	ng		0.02
27) Chrysene-d12	21.26	240	9332	0.40	ng		0.01
34) Perylene-d12	23.48	264	10091	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	395	0.23	ng		0.06
5) Phenol-d6	7.03	99	463	0.19	ng		0.10
8) Nitrobenzene-d5	8.96	82	389	0.18	ng		0.09
11) 2-Methylnaphthalene-d10	12.10	152	1619	0.29	ng		0.06
14) 2,4,6-Tribromophenol	15.86	330	383	0.26	ng		0.03
15) 2-Fluorobiphenyl	12.96	172	2207	0.24	ng		0.03
25) Fluoranthene-d10	19.10	212	5555	0.27	ng		0.02
29) Terphenyl-d14	19.69	244	6446	0.32	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	353	0.302	ng	#	62
3) n-Nitrosodimethylamine	3.62	42	76	0.273	ng	#	45
6) bis(2-Chloroethyl)ether	7.15	93	1008	0.500	ng	#	50
9) Naphthalene	10.52	128	2238	0.269	ng	#	82
10) Hexachlorobutadiene	10.72	225	408	0.250	ng	#	96
12) 2-Methylnaphthalene	12.18	142	1460	0.256	ng		96
16) Acenaphthylene	14.03	152	2581	0.243	ng		99
17) Acenaphthene	14.37	154	1747	0.247	ng		99
18) Fluorene	15.38	166	2451	0.266	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	727	0.197	ng		94
21) Hexachlorobenzene	16.37	284	883	0.217	ng		96
22) Pentachlorophenol	16.79	266	233	0.334	ng		91
23) Phenanthrene	17.11	178	4347	0.251	ng		99
24) Anthracene	17.23	178	3883	0.245	ng		99
26) Fluoranthene	19.13	202	6132	0.277	ng		99
28) Pyrene	19.49	202	6343	0.243	ng		99
30) Benzo(a)anthracene	21.25	228	5982	0.238	ng		99
31) Chrysene	21.29	228	7745	0.270	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3323	0.223	ng		97
33) Indeno(1,2,3-cd)pyrene	25.74	276	8711	0.257	ng		98
35) Benzo(b)fluoranthene	22.82	252	6654	0.244	ng		99
36) Benzo(k)fluoranthene	22.87	252	8806	0.274	ng		97
37) Benzo(a)pyrene	23.40	252	7685	0.274	ng		96
38) Dibenzo(a,h)anthracene	25.73	278	7153	0.249	ng		98
39) Benzo(g,h,i)perylene	26.41	276	7588	0.262	ng		97

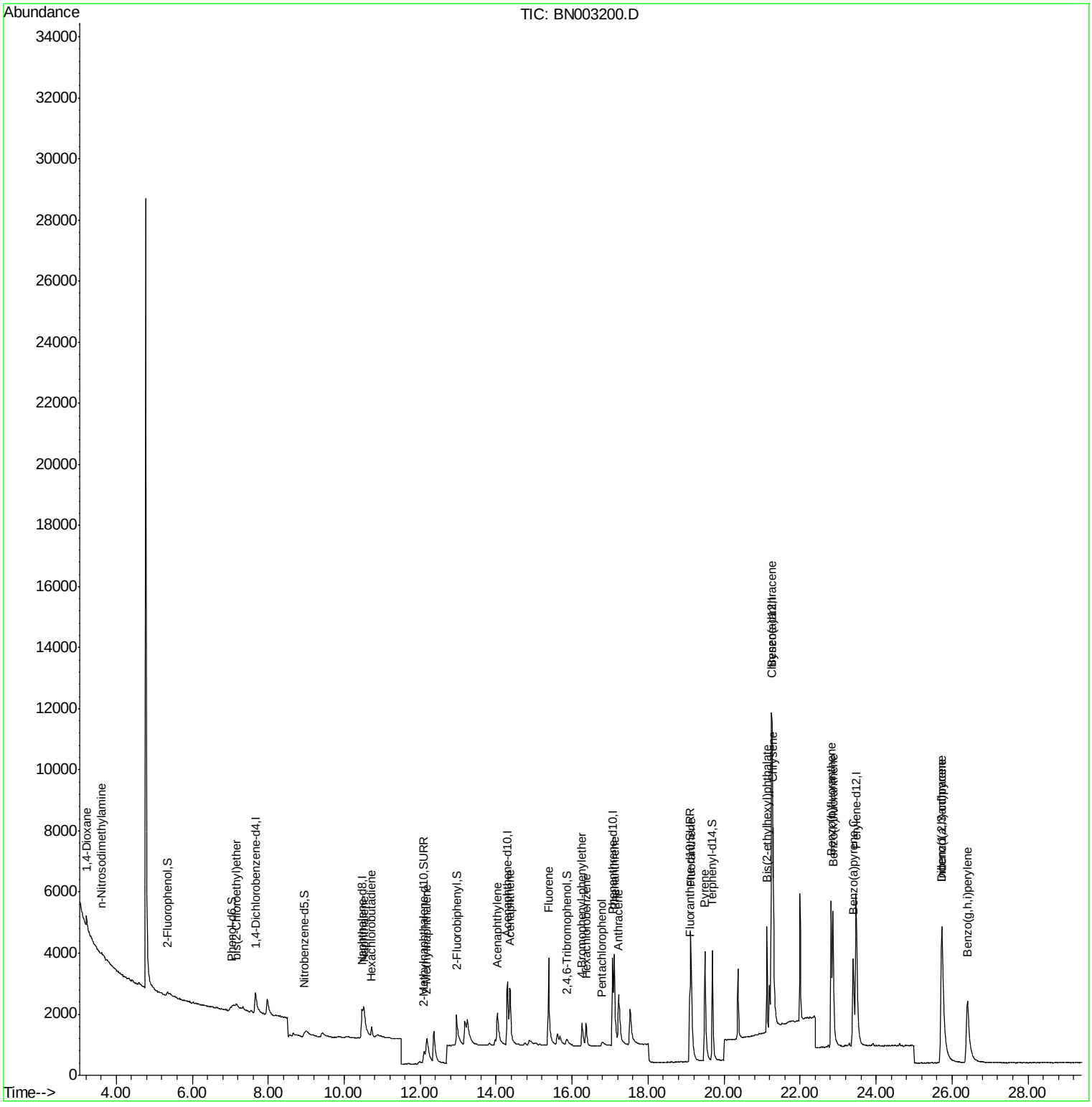
(#) = qualifier out of range (m) = manual integration (+) = signals summed

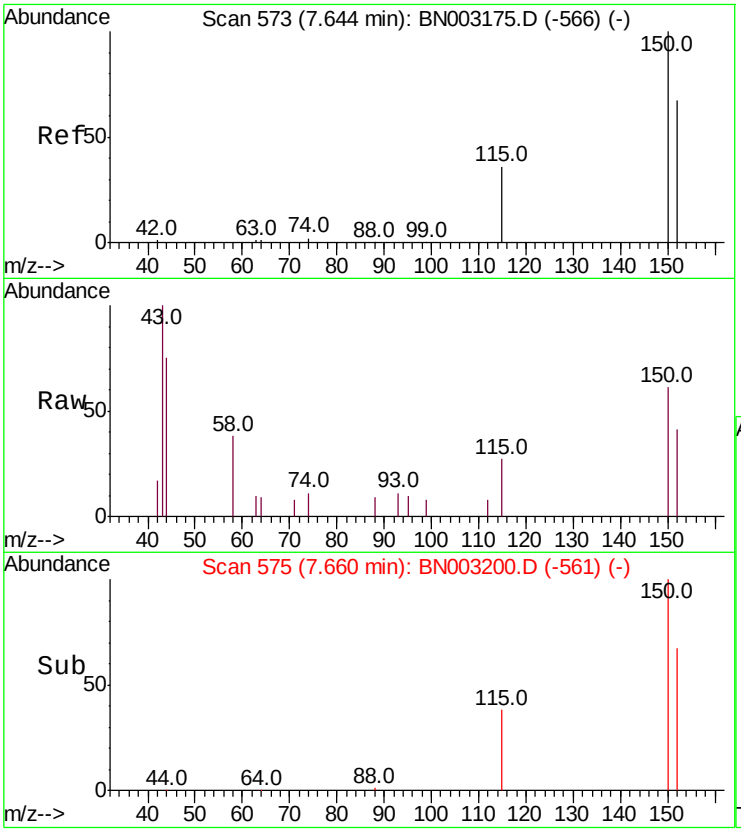
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101818\
Data File : BN003200.D
Acq On : 18 Oct 2018 10:44
Operator : MJ/SJ
Sample : PB113752BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 19 02:10:27 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



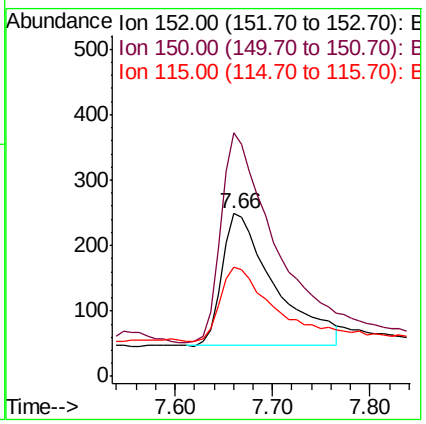


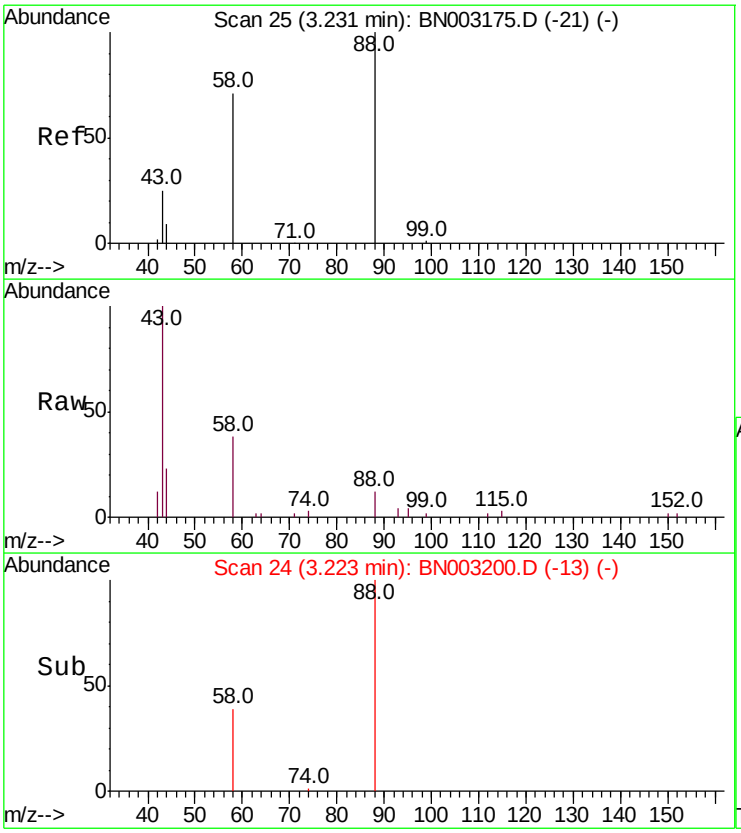
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 764

Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.2	189.4
115	67.1	49.8	74.6

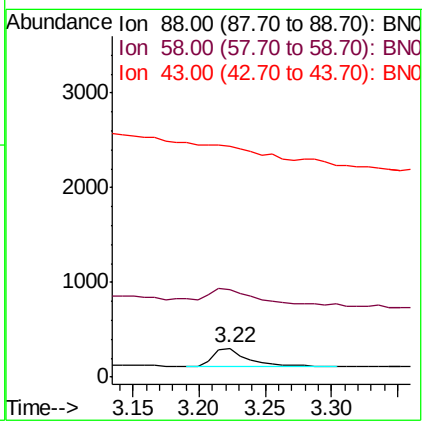


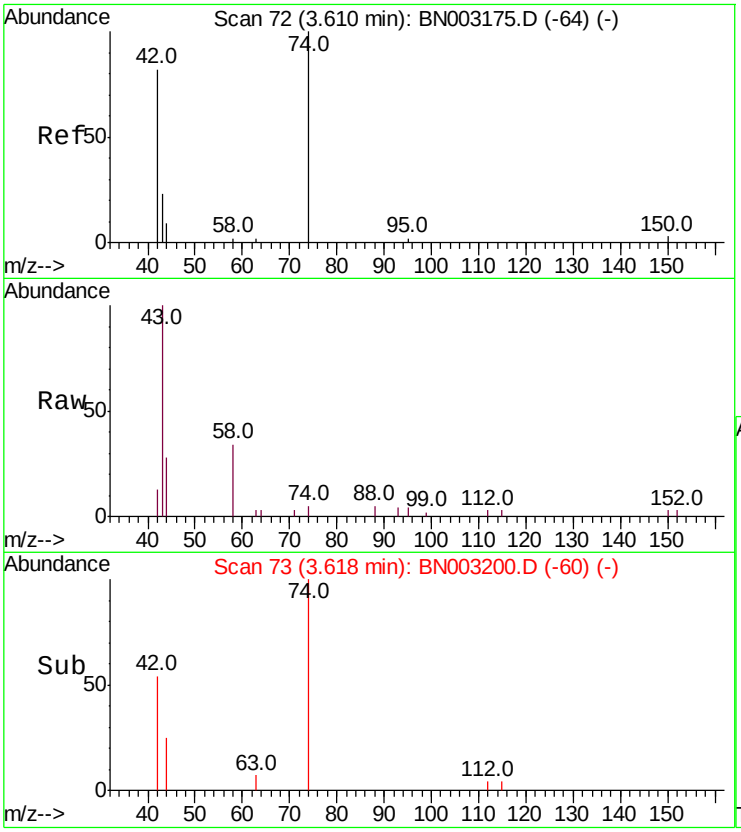


#2
1,4-Dioxane
Concen: 0.302 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion: 88 Resp: 353

Ion	Ratio	Lower	Upper
88	100		
58	111.3	66.7	100.1#
43	0.0	24.6	37.0#



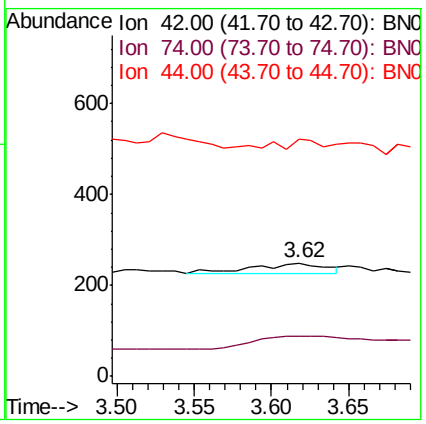


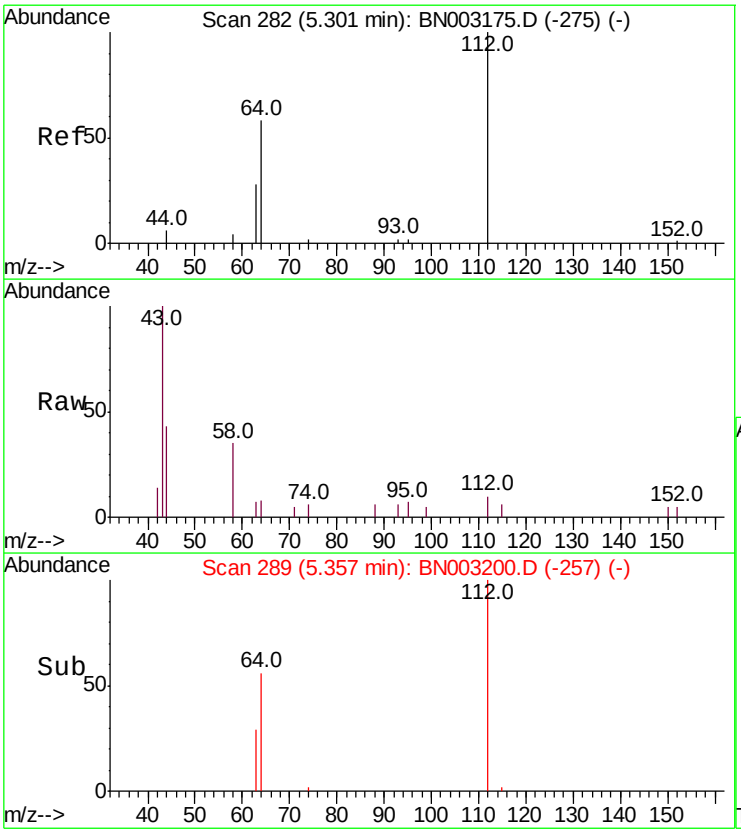
#3
n-Nitrosodimethylamine
Concen: 0.273 ng
RT: 3.62 min Scan# 73
Delta R.T. 0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 76

Ion	Ratio	Lower	Upper
42	100		
74	192.1	102.9	154.3#
44	27.6	0.0	0.0#

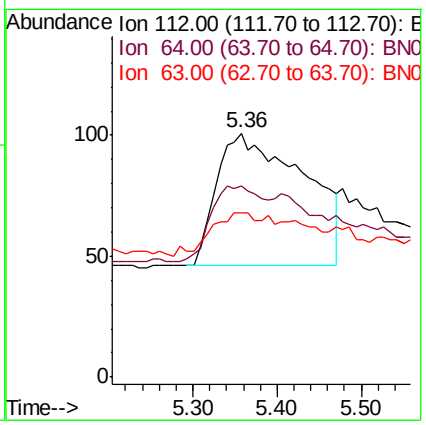


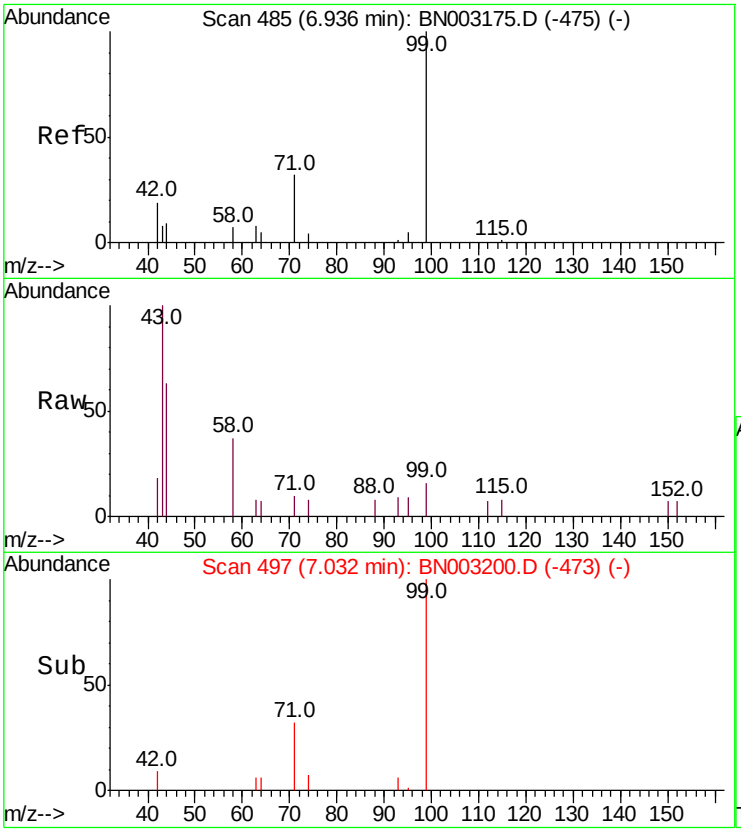


#4
2-Fluorophenol
Concen: 0.234 ng
RT: 5.36 min Scan# 289
Delta R.T. 0.06 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:112 Resp: 395

Ion	Ratio	Lower	Upper
112	100		
64	33.4	49.0	73.4#
63	23.5	25.9	38.9#



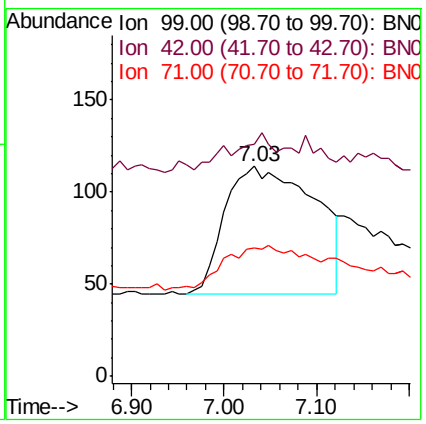


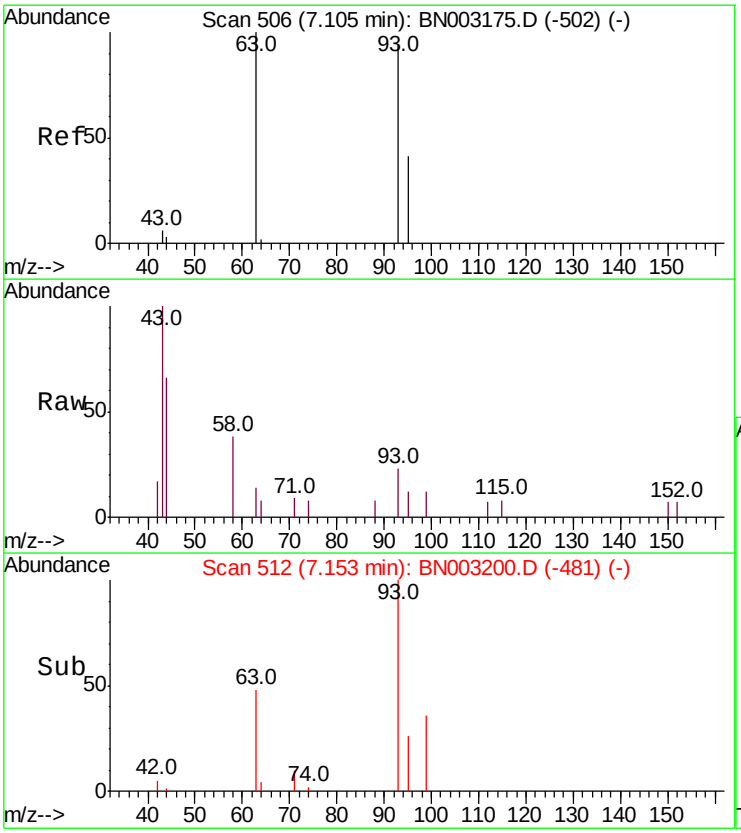
#5
Phenol-d6
Concen: 0.192 ng
RT: 7.03 min Scan# 497
Delta R.T. 0.10 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 463

Ion	Ratio	Lower	Upper
99	100		
42	4.8	15.4	23.2#
71	29.4	26.0	39.0

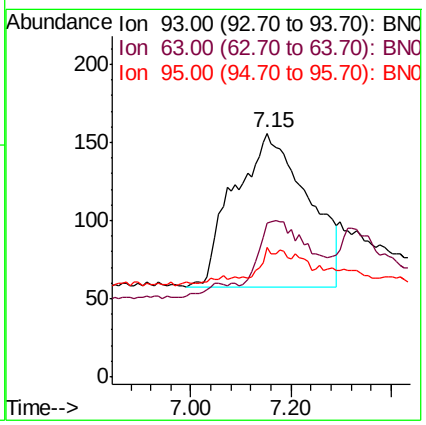


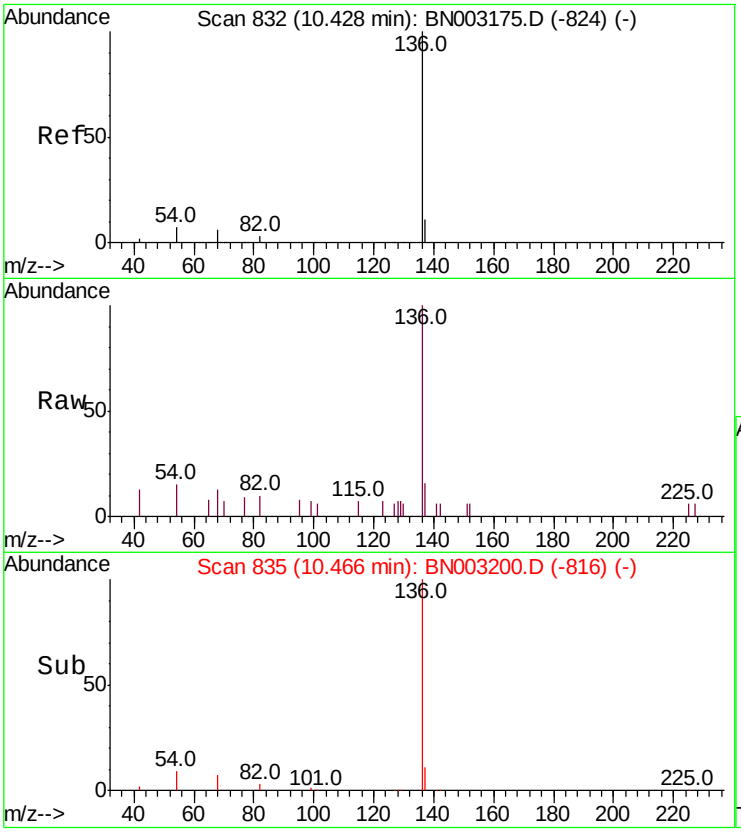


#6
bis(2-Chloroethyl)ether
Concen: 0.500 ng
RT: 7.15 min Scan# 512
Delta R.T. 0.05 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion: 93 Resp: 1008

Ion	Ratio	Lower	Upper
93	100		
63	27.5	54.2	81.4#
95	3.6	24.9	37.3#



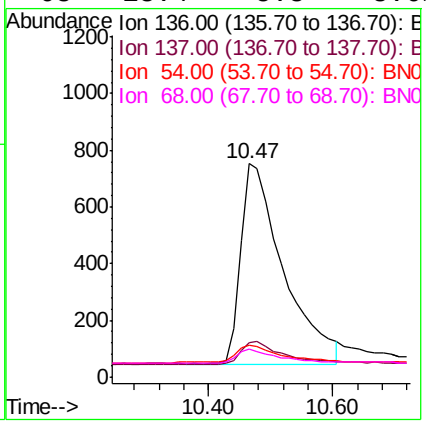


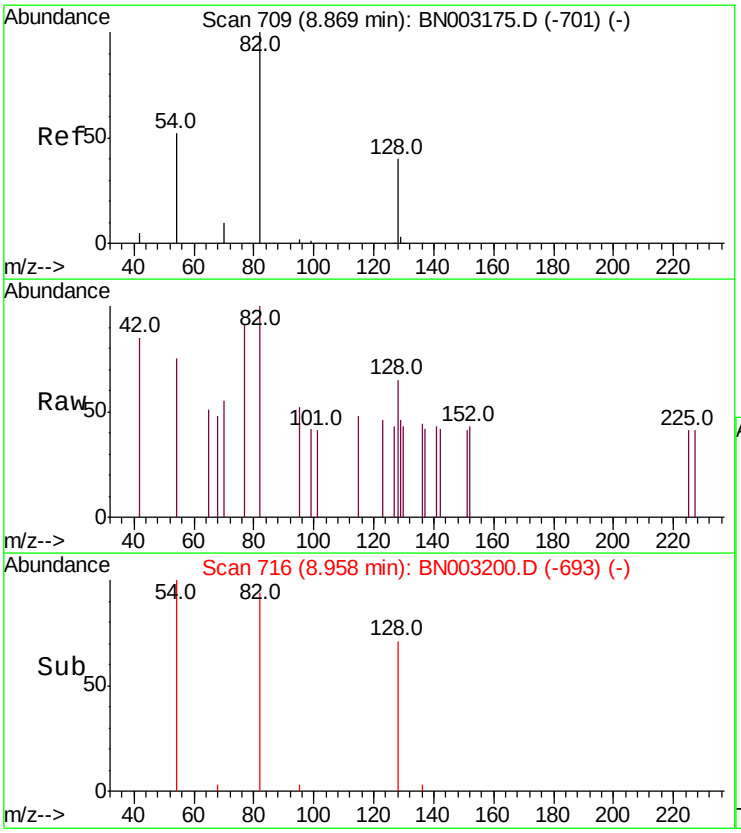
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. 0.04 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3345

Ion	Ratio	Lower	Upper
136	100		
137	16.2	9.4	14.0#
54	14.9	7.4	11.0#
68	13.4	5.8	8.6#

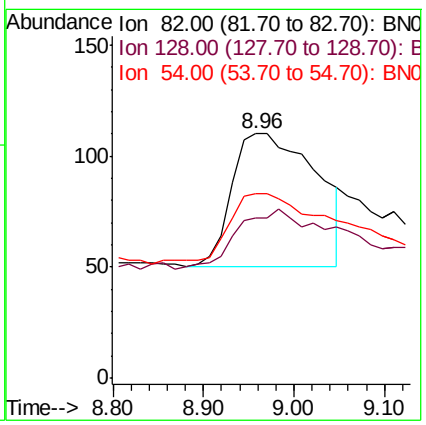


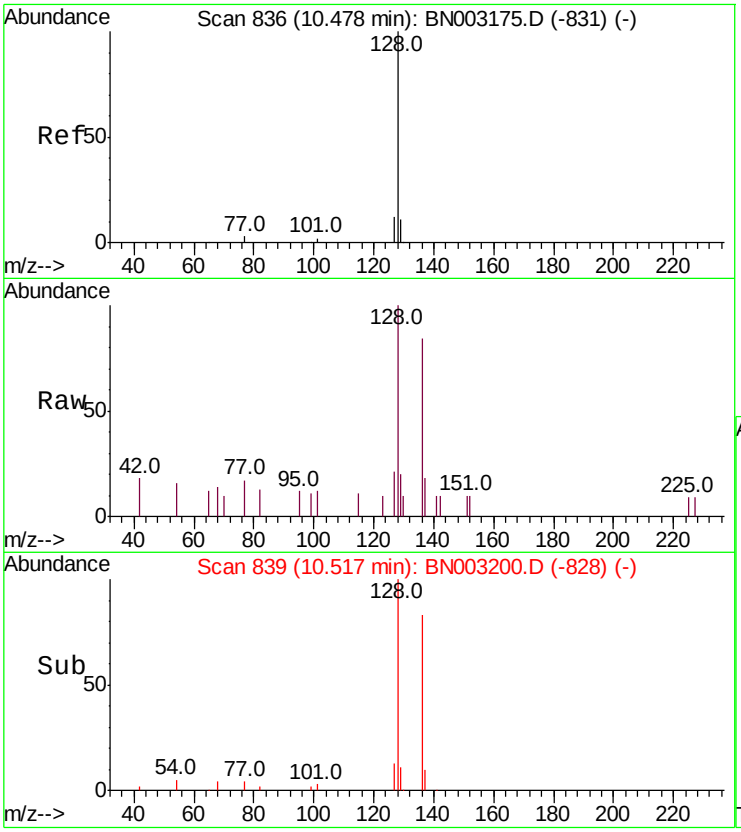


#8
Nitrobenzene-d5
Concen: 0.181 ng
RT: 8.96 min Scan# 716
Delta R.T. 0.09 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion: 82 Resp: 389

Ion	Ratio	Lower	Upper
82	100		
128	65.5	38.2	57.4#
54	75.5	44.1	66.1#



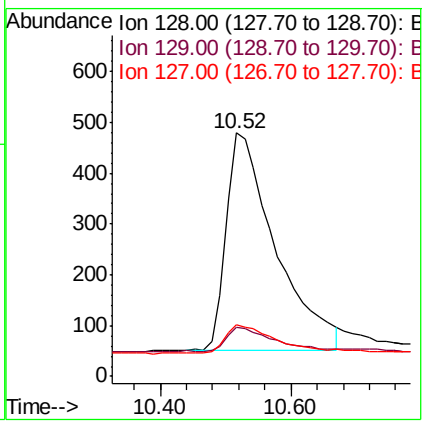


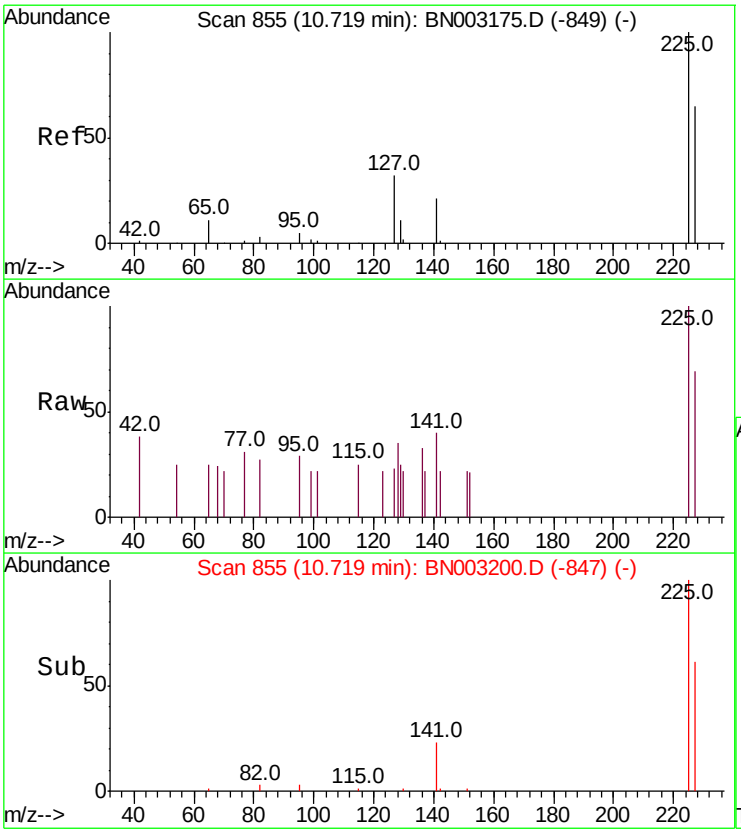
#9
Naphthalene
Concen: 0.269 ng
RT: 10.52 min Scan# 839
Delta R.T. 0.04 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2238

Ion	Ratio	Lower	Upper
128	100		
129	20.0	9.8	14.6#
127	21.1	11.4	17.2#

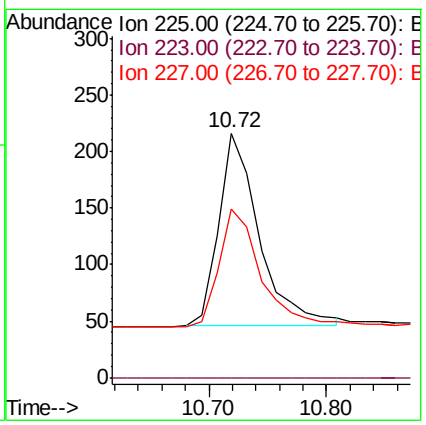


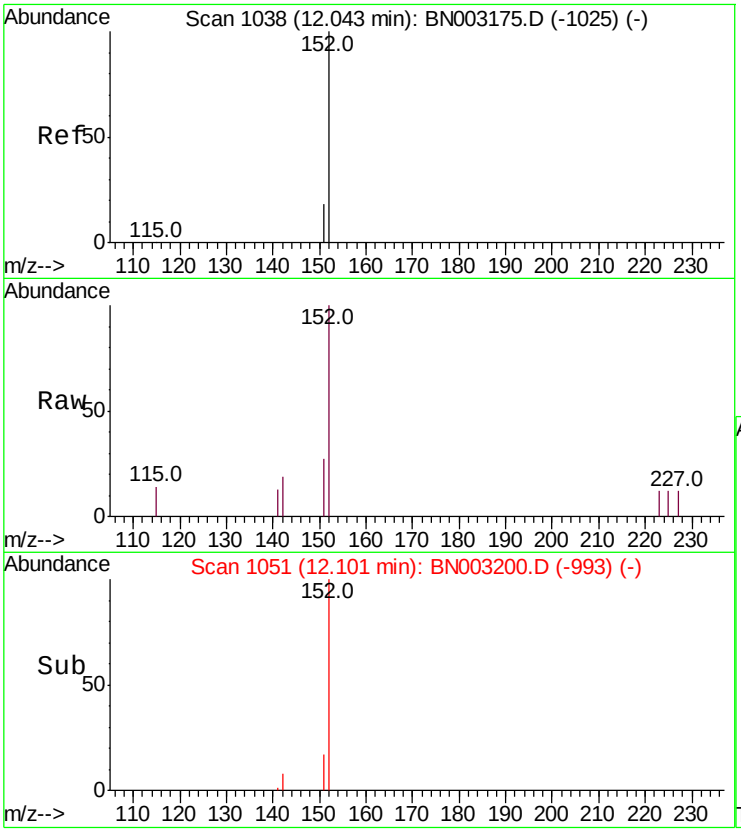


#10
Hexachlorobutadiene
Concen: 0.250 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:225 Resp: 408

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.8	51.8	77.8



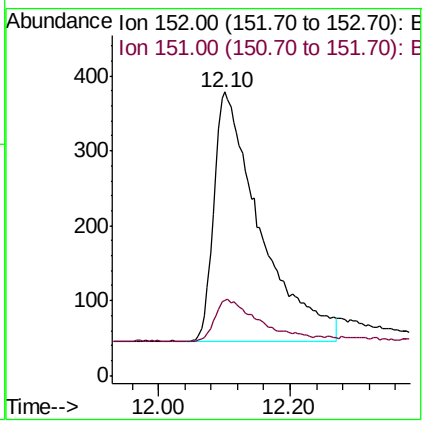


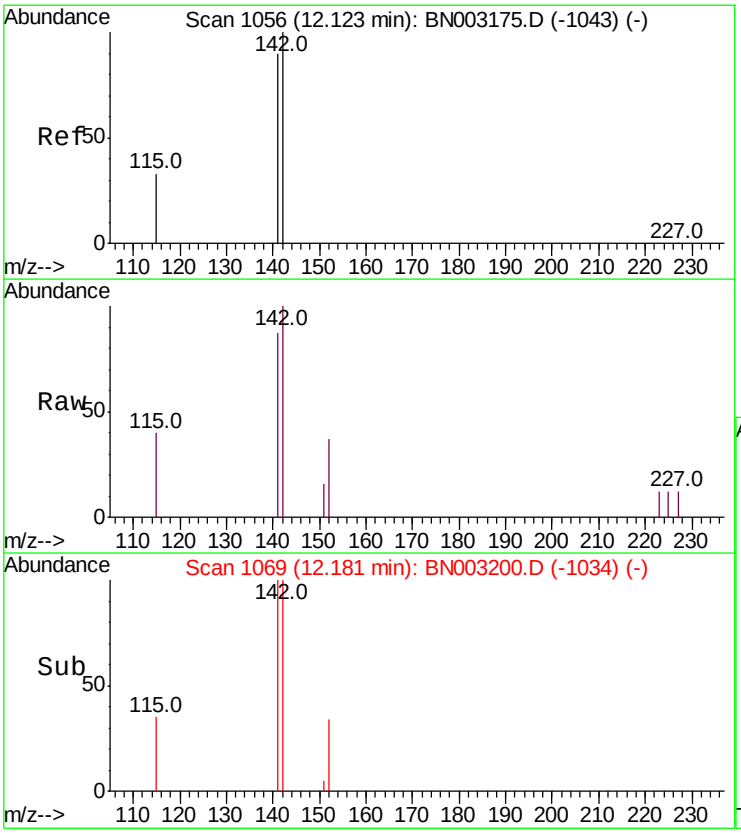
#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.10 min Scan# 1051
Delta R.T. 0.06 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1619

Ion	Ratio	Lower	Upper
152	100		
151	15.9	15.0	22.4

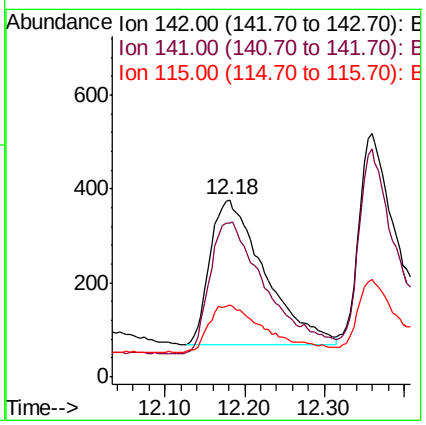


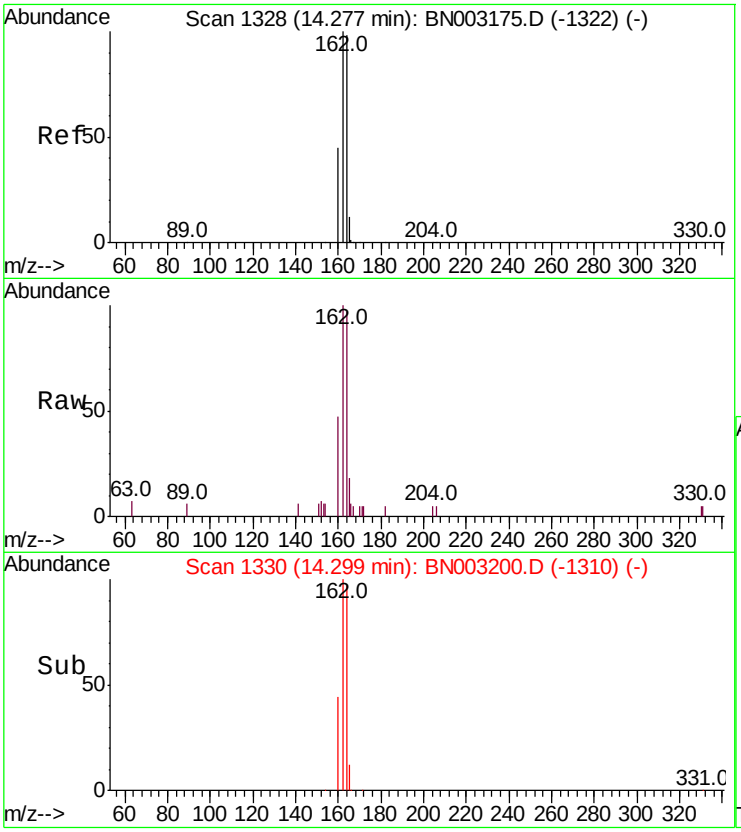


#12
2-Methylnaphthalene
Concen: 0.256 ng
RT: 12.18 min Scan# 1069
Delta R.T. 0.06 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:142 Resp: 1460

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.5	107.3
115	40.3	28.1	42.1



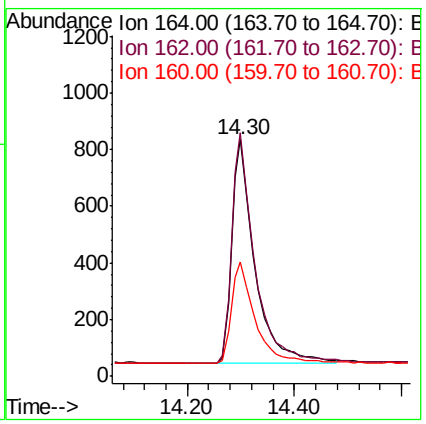


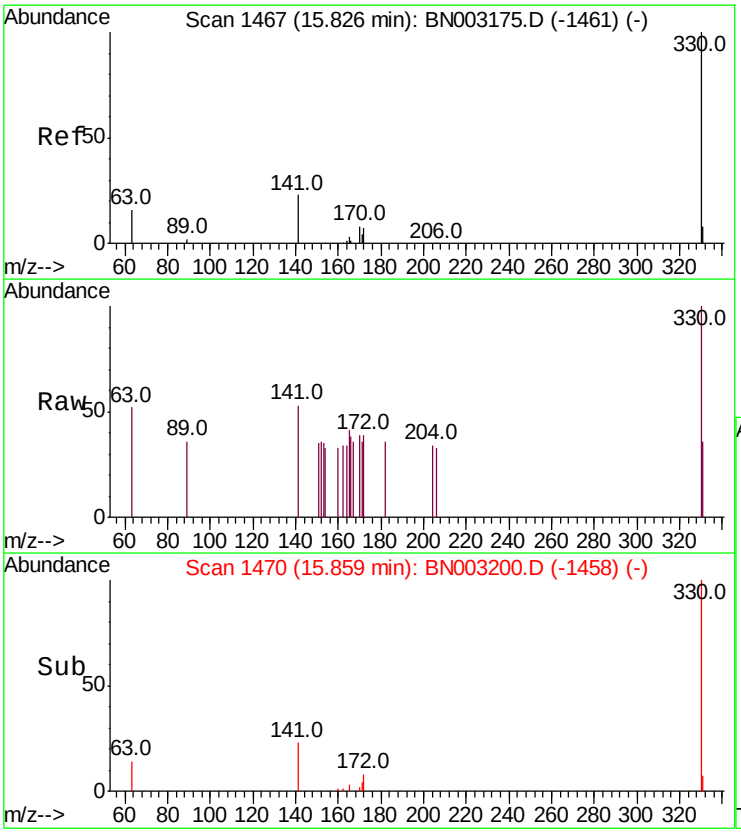
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2339

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.7	122.5
160	48.3	36.3	54.5

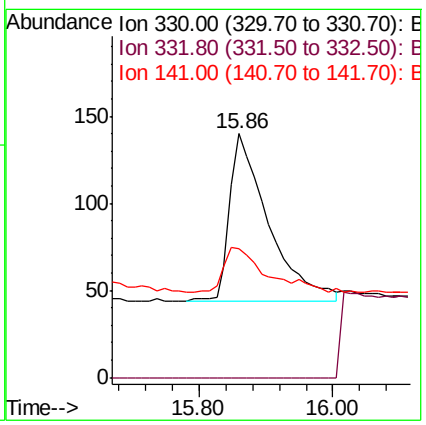


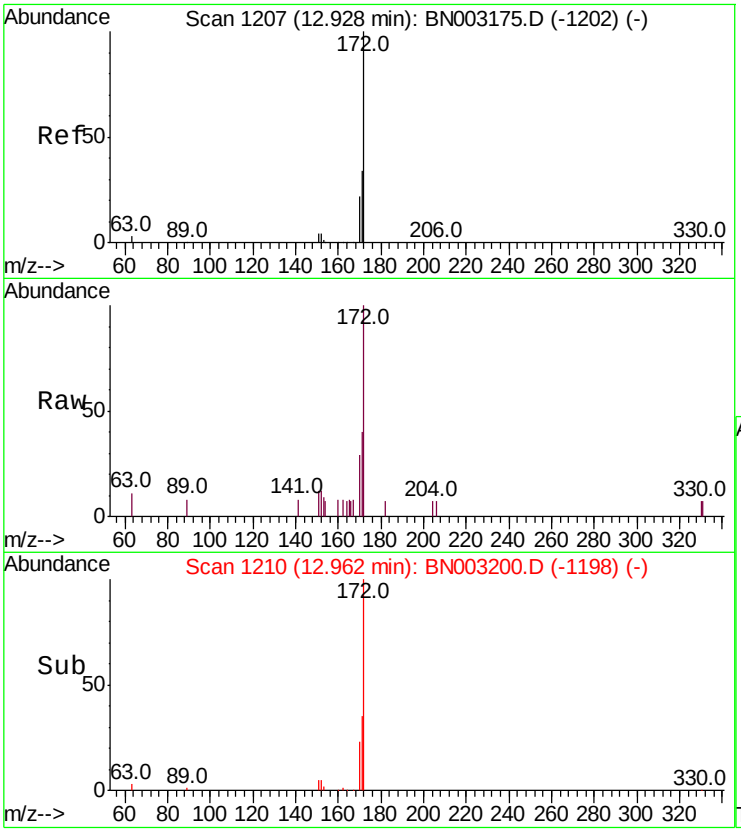


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.86 min Scan# 1470
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:330 Resp: 383

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.2	22.6	33.8



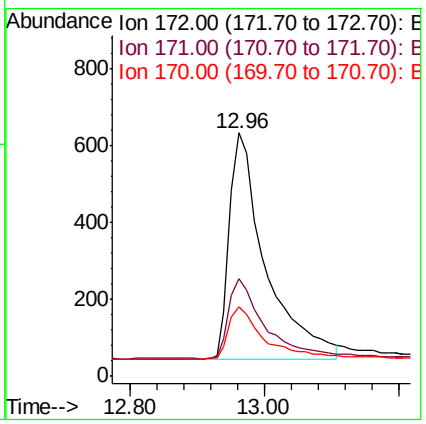


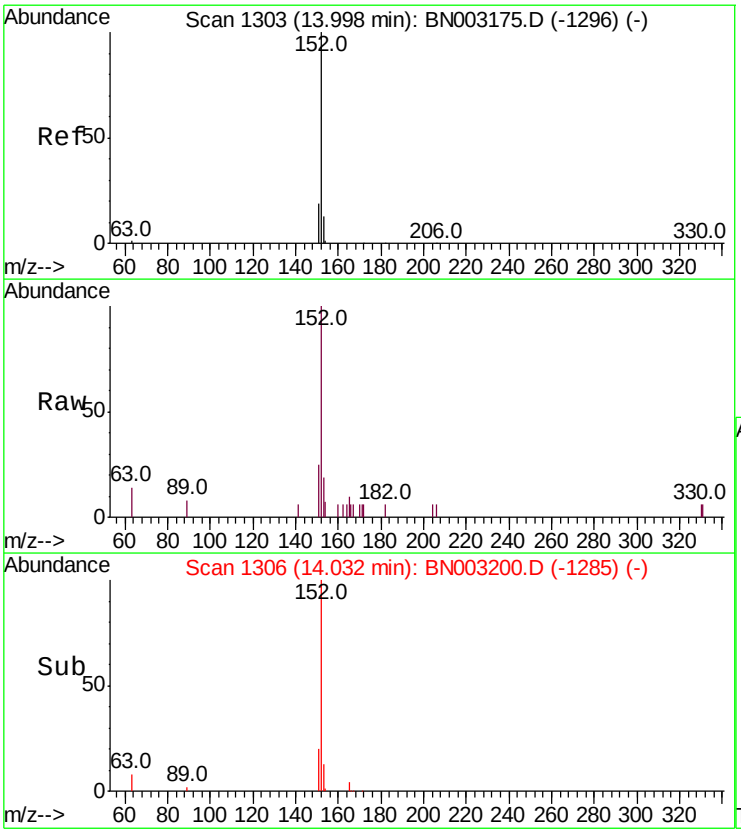
#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2207

Ion	Ratio	Lower	Upper
172	100		
171	39.9	28.6	43.0
170	28.6	18.6	27.8#

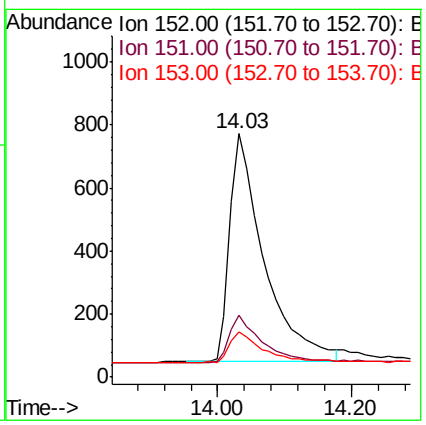


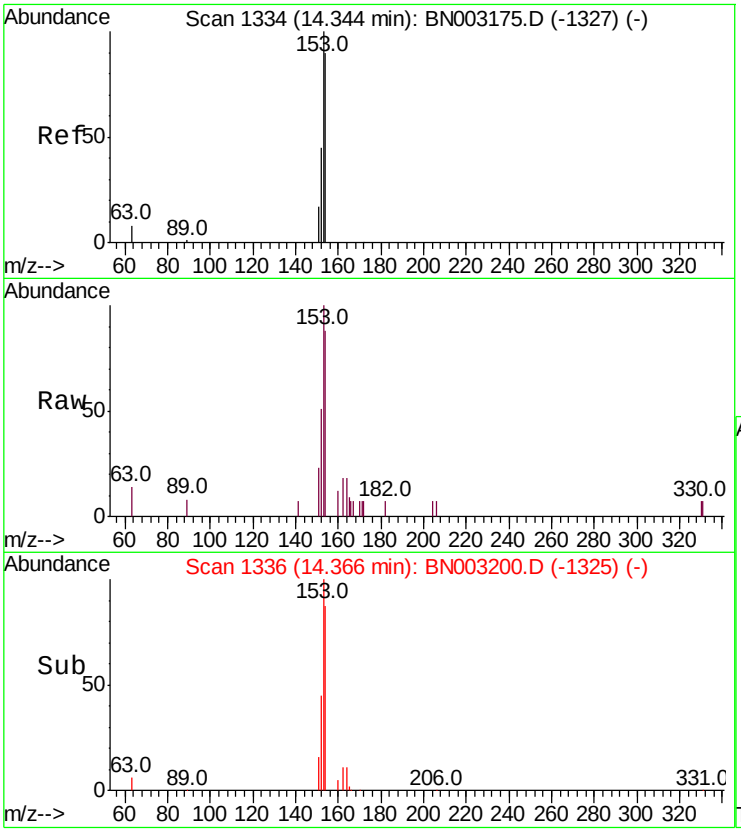


#16
Acenaphthylene
Concen: 0.243 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:152 Resp: 2581

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.9	10.6	16.0



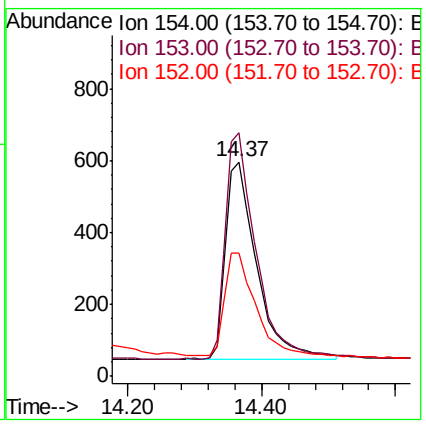


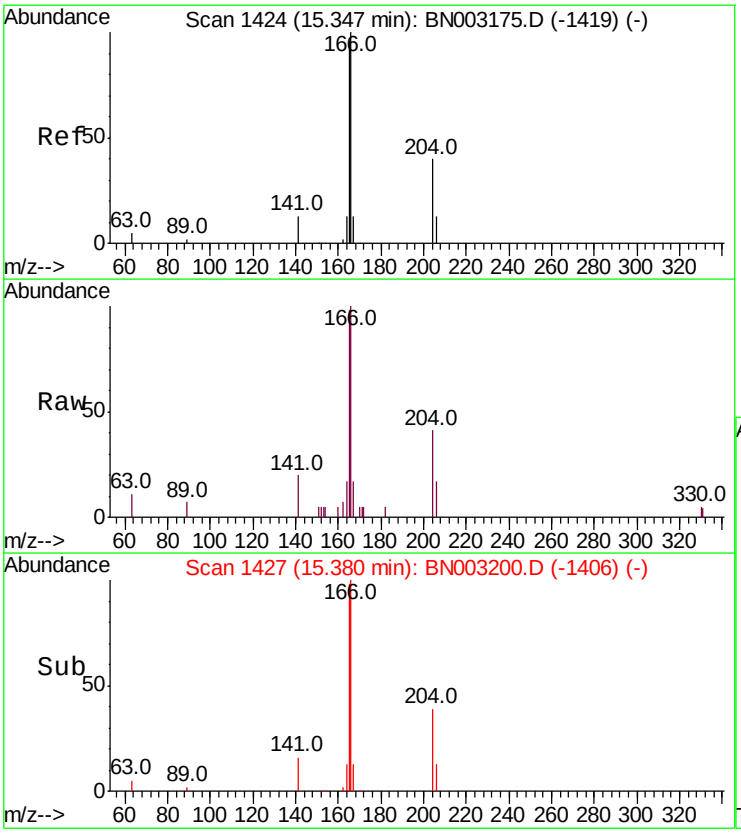
#17
Acenaphthene
Concen: 0.247 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1747

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.0	136.4
152	53.0	43.8	65.6

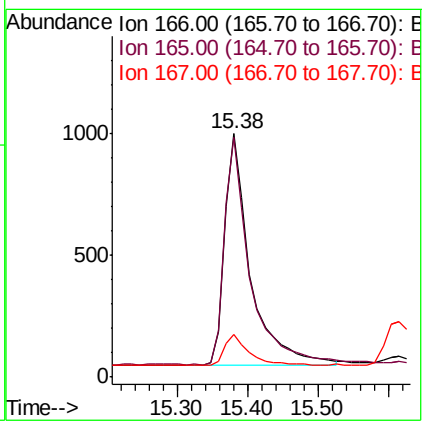


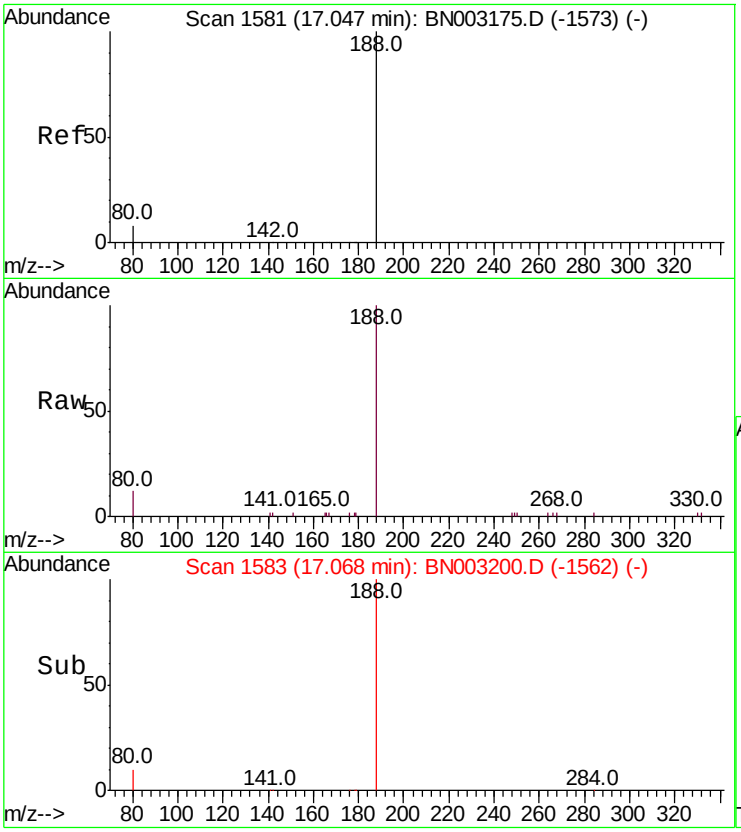


#18
Fluorene
Concen: 0.266 ng
RT: 15.38 min Scan# 1427
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:166 Resp: 2451

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.3	10.7	16.1



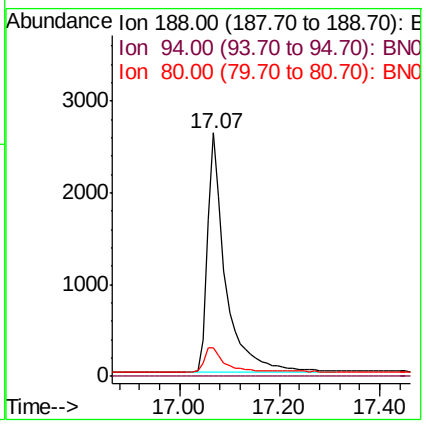


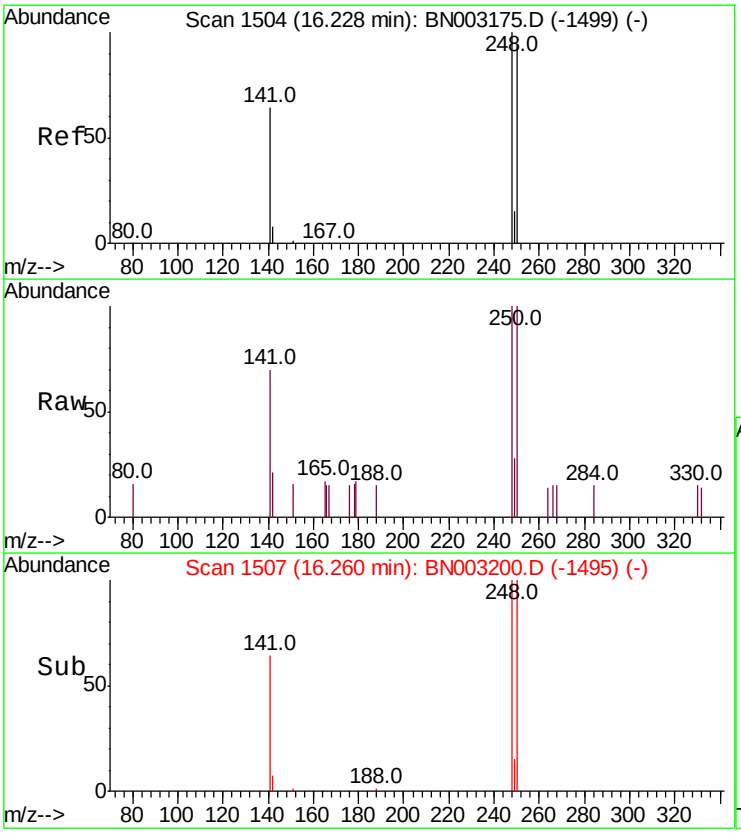
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6608

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	6.7	10.1#

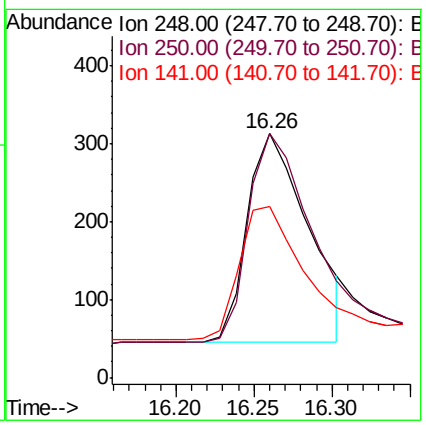


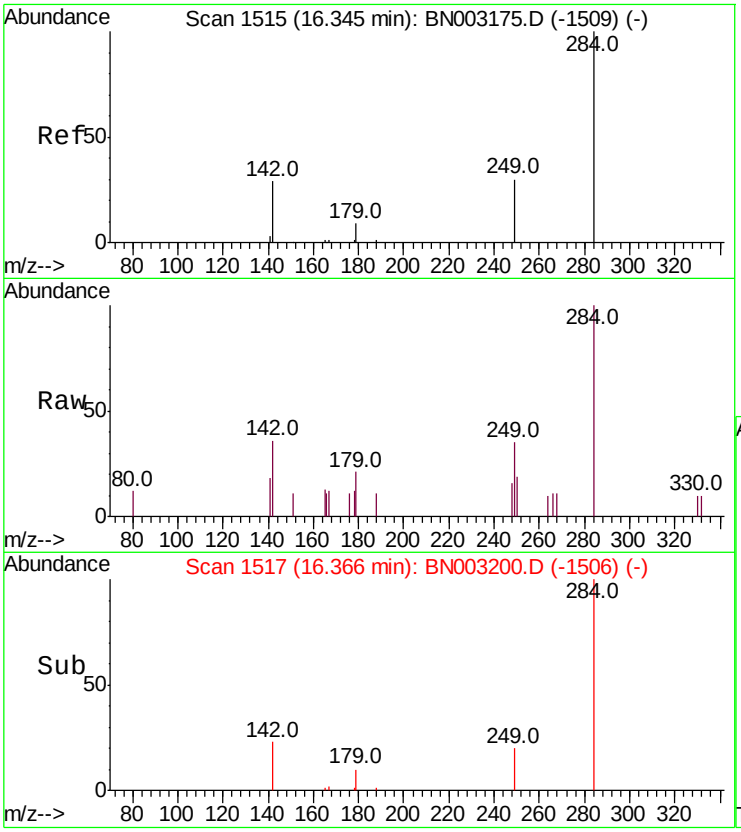


#20
4-Bromophenyl-phenylether
Concen: 0.197 ng
RT: 16.26 min Scan# 1507
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:248 Resp: 727

Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.9	118.3
141	70.3	48.5	72.7



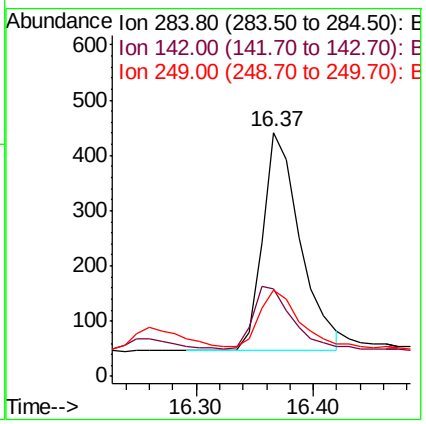


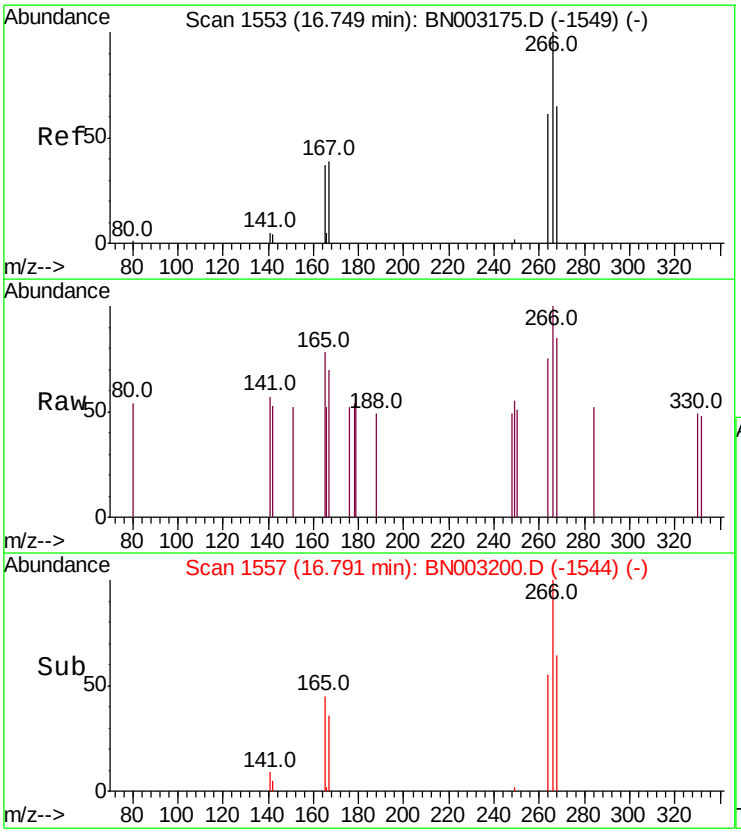
#21
Hexachlorobenzene
Concen: 0.217 ng
RT: 16.37 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 883

Ion	Ratio	Lower	Upper
284	100		
142	29.2	24.6	37.0
249	25.4	22.3	33.5

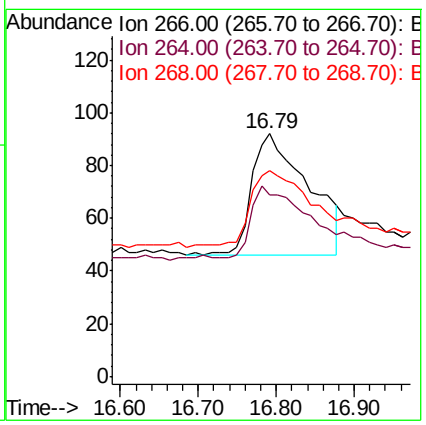


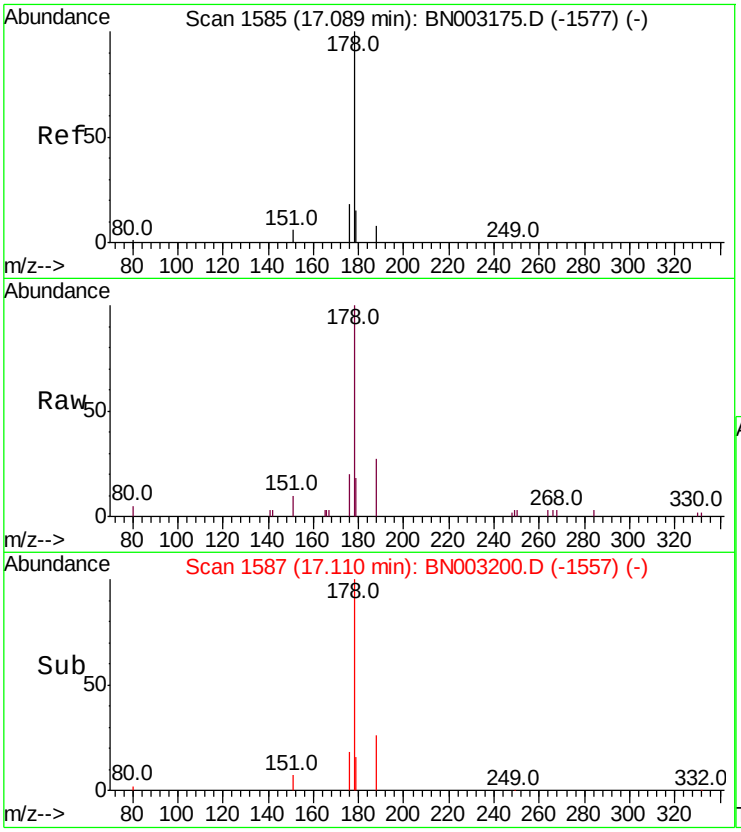


#22
Pentachlorophenol
Concen: 0.334 ng
RT: 16.79 min Scan# 1557
Delta R.T. 0.04 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:266 Resp: 233

Ion	Ratio	Lower	Upper
266	100		
264	75.0	55.0	82.4
268	84.8	60.6	91.0



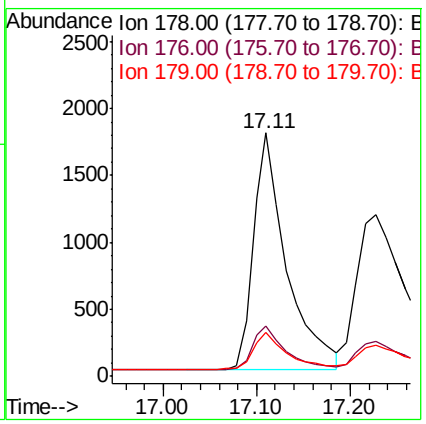


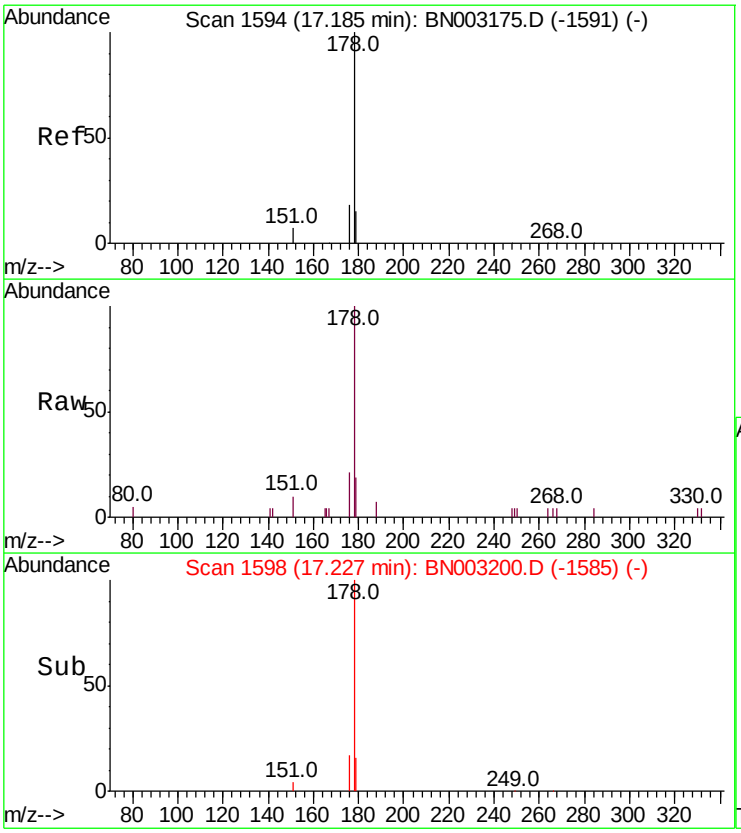
#23
Phenanthrene
Concen: 0.251 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4347

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	16.0	12.3	18.5

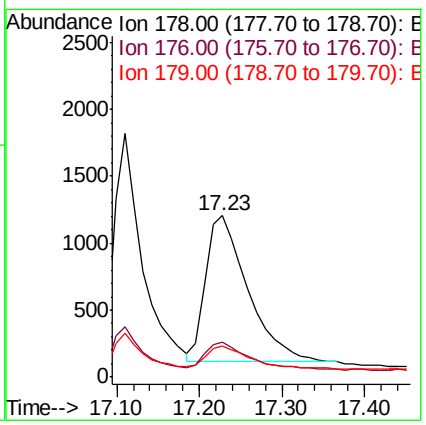


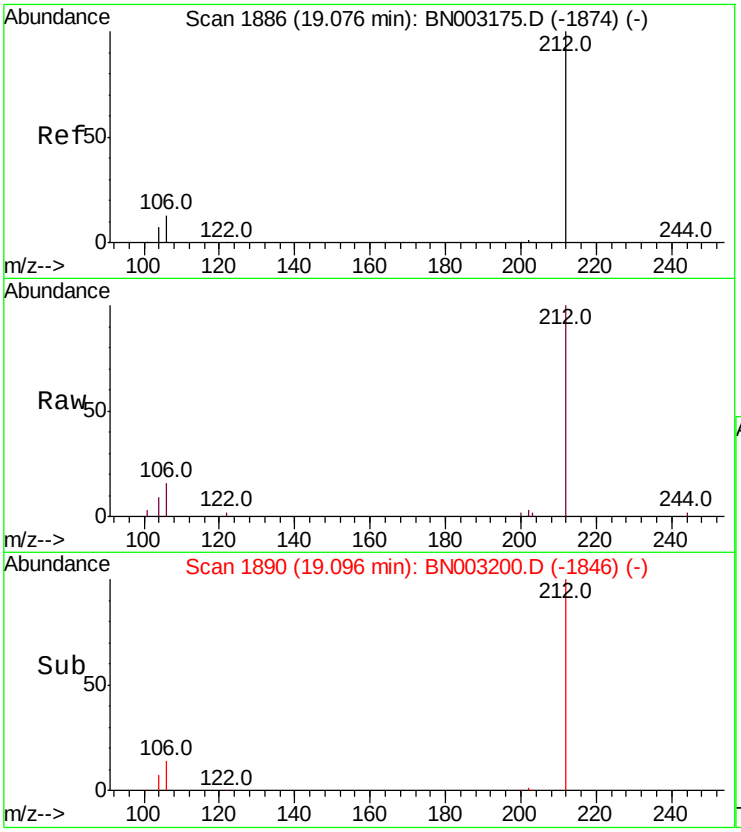


#24
Anthracene
Concen: 0.245 ng
RT: 17.23 min Scan# 1598
Delta R.T. 0.04 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:178 Resp: 3883

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.7	12.3	18.5



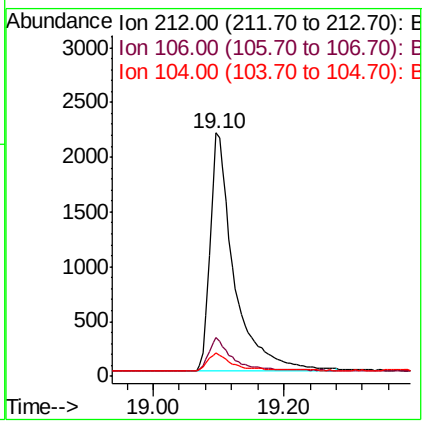


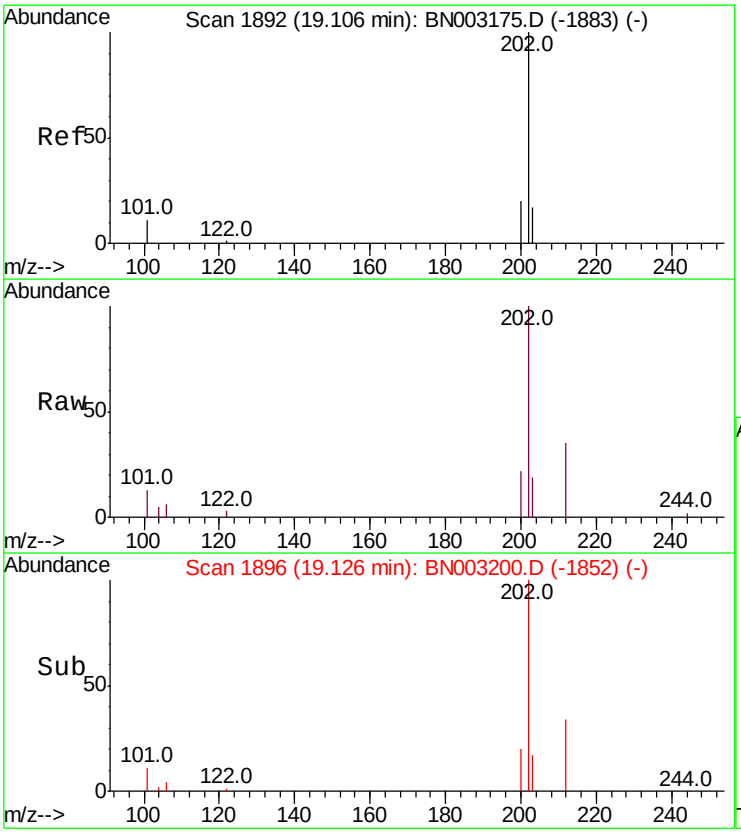
#25
Fluoranthene-d10
Concen: 0.271 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 5555

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.2	15.4
104	7.3	5.8	8.6

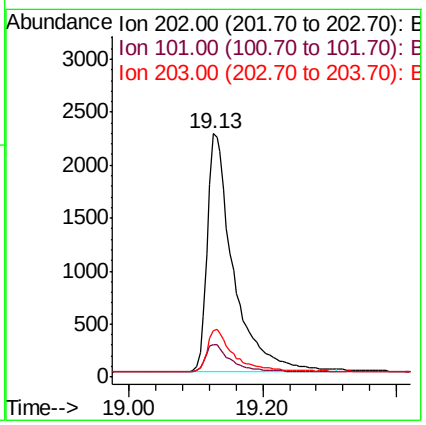


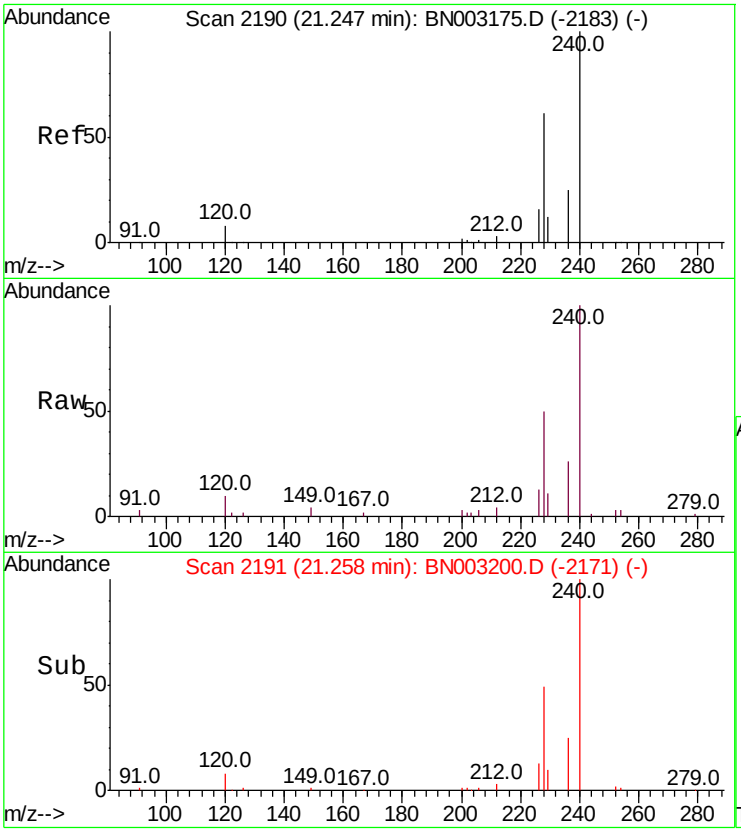


#26
Fluoranthene
Concen: 0.277 ng
RT: 19.13 min Scan# 1896
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:202 Resp: 6132

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.6	12.8
203	17.5	13.7	20.5



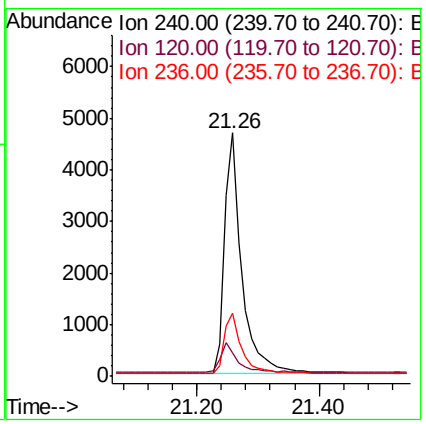


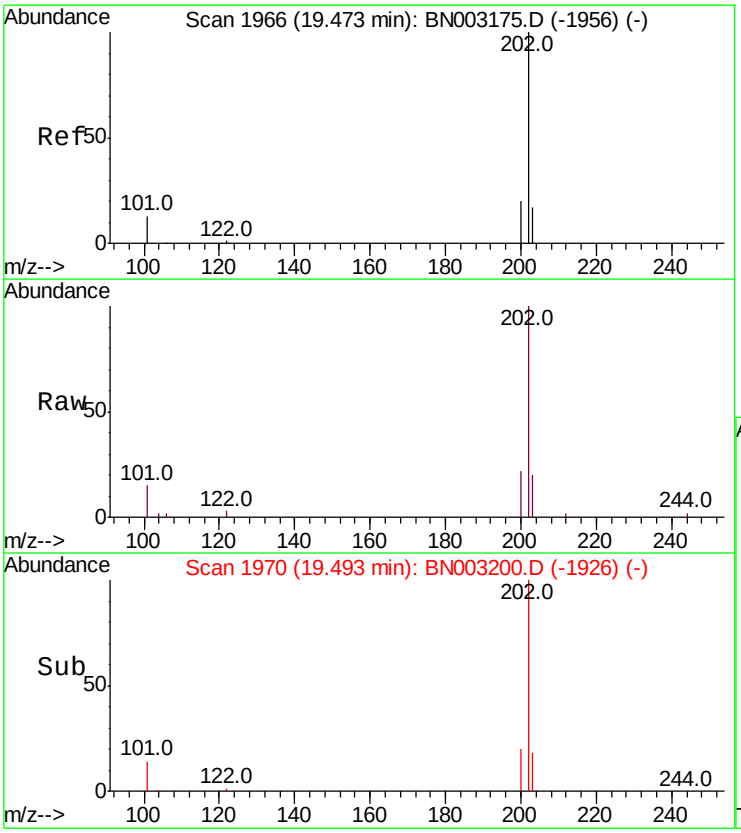
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 9332

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.8
236	26.1	21.0	31.4

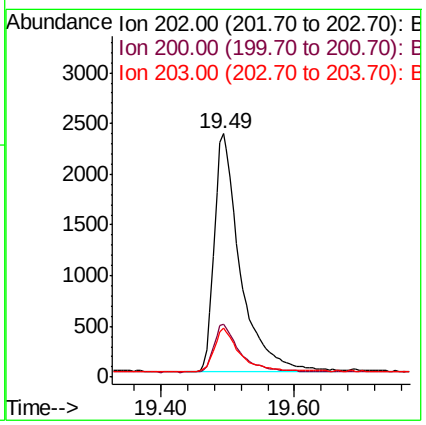


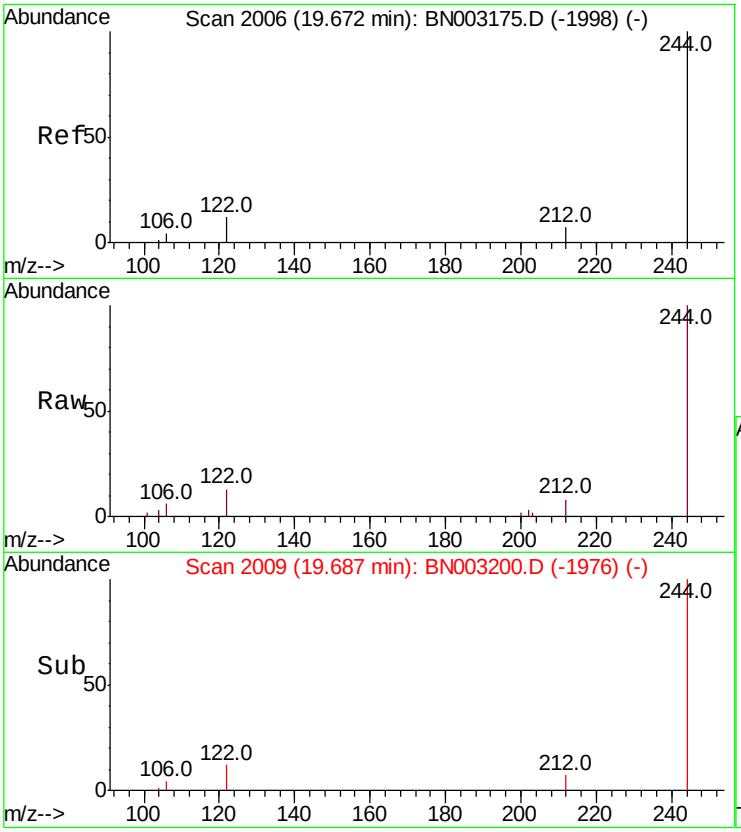


#28
Pyrene
Concen: 0.243 ng
RT: 19.49 min Scan# 1970
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:202 Resp: 6343

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.3	24.5
203	18.1	14.2	21.2



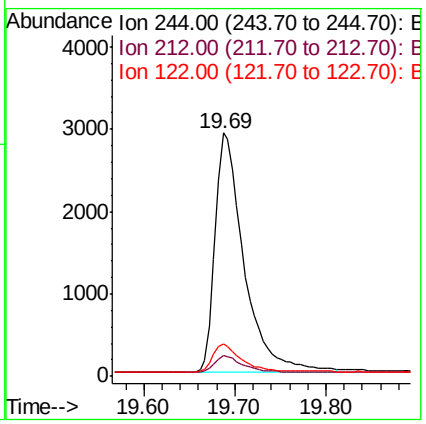


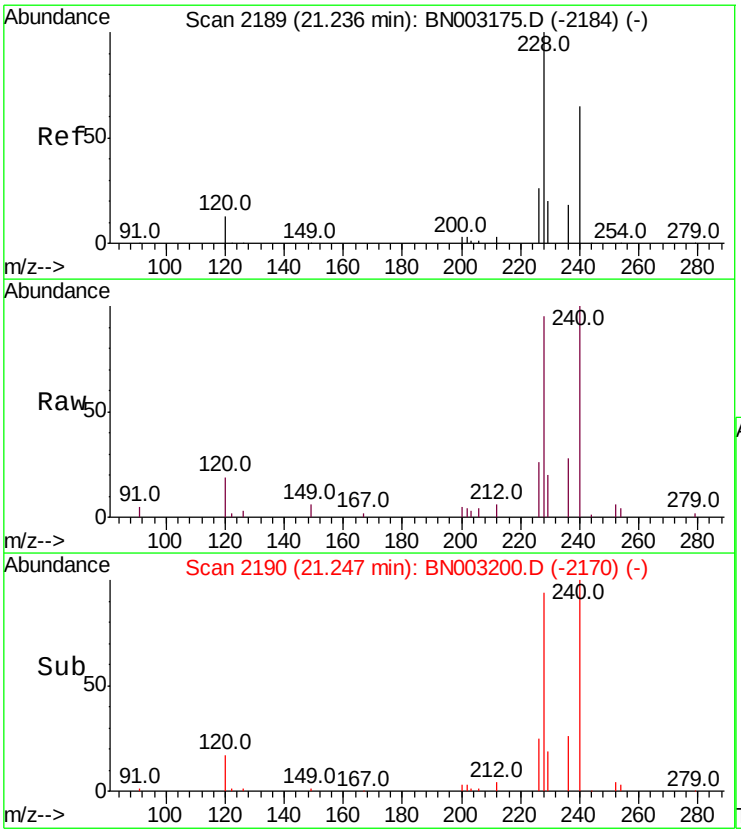
#29
Terphenyl-d14
Concen: 0.319 ng
RT: 19.69 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6446

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	13.3	9.1	13.7

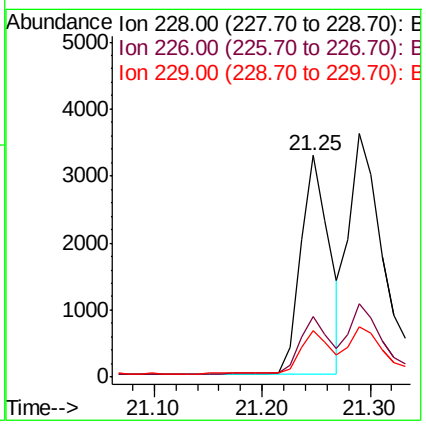


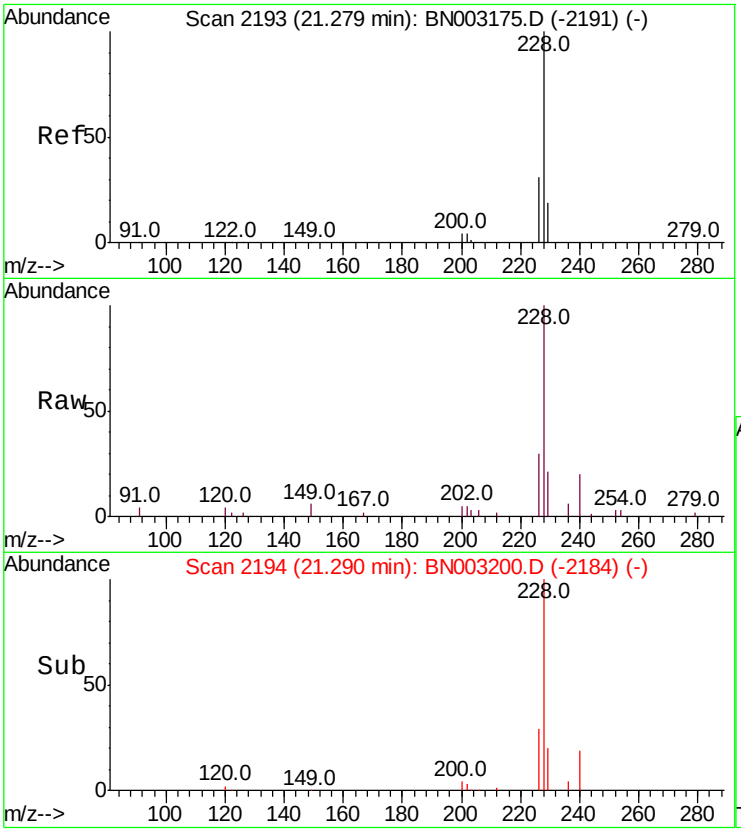


#30
Benzo(a)anthracene
Concen: 0.238 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:228 Resp: 5982

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	21.0	16.4	24.6



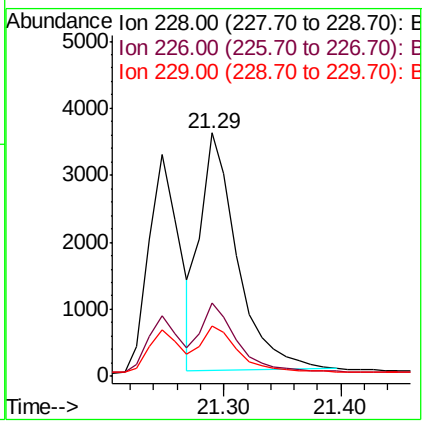


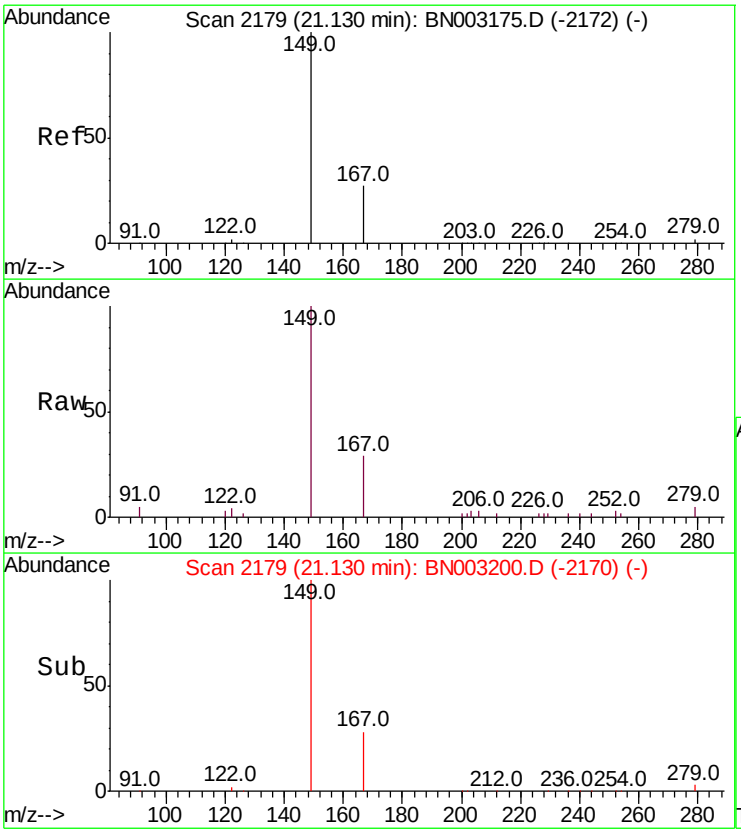
#31
Chrysene
Concen: 0.270 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7745

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.1	34.7
229	20.8	15.9	23.9

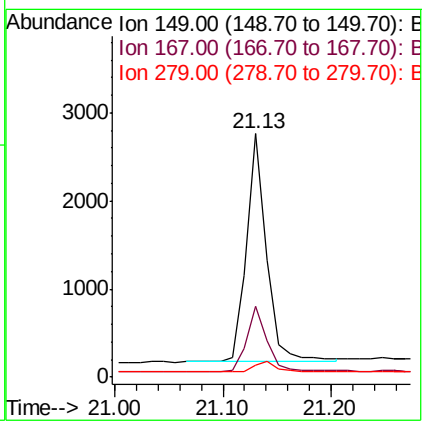


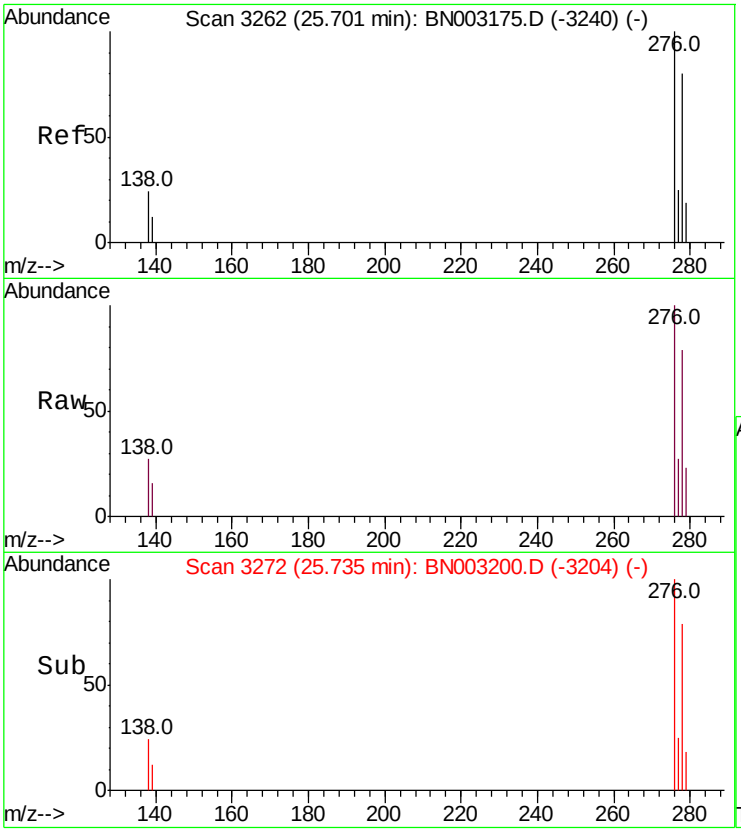


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.223 ng
RT: 21.13 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:149 Resp: 3323

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.2	33.4
279	5.2	3.7	5.5



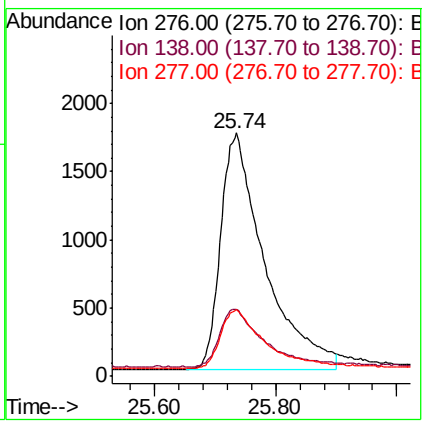


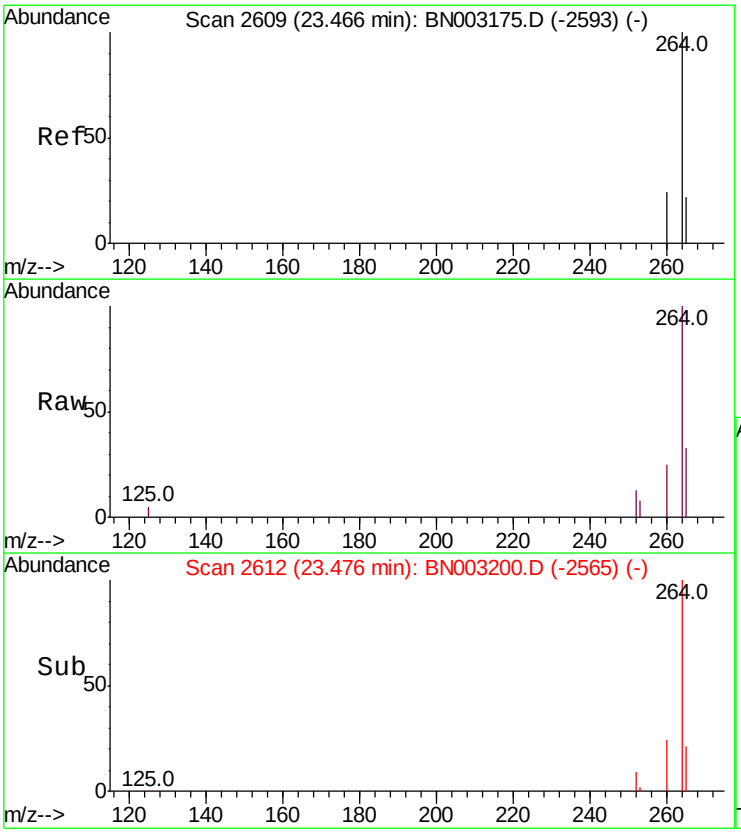
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.257 ng
RT: 25.74 min Scan# 3272
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8711

Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.2	27.4
277	25.1	20.2	30.4

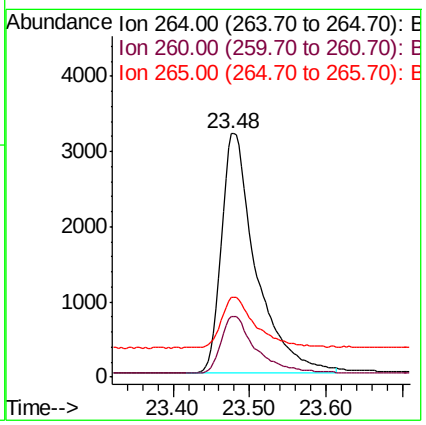


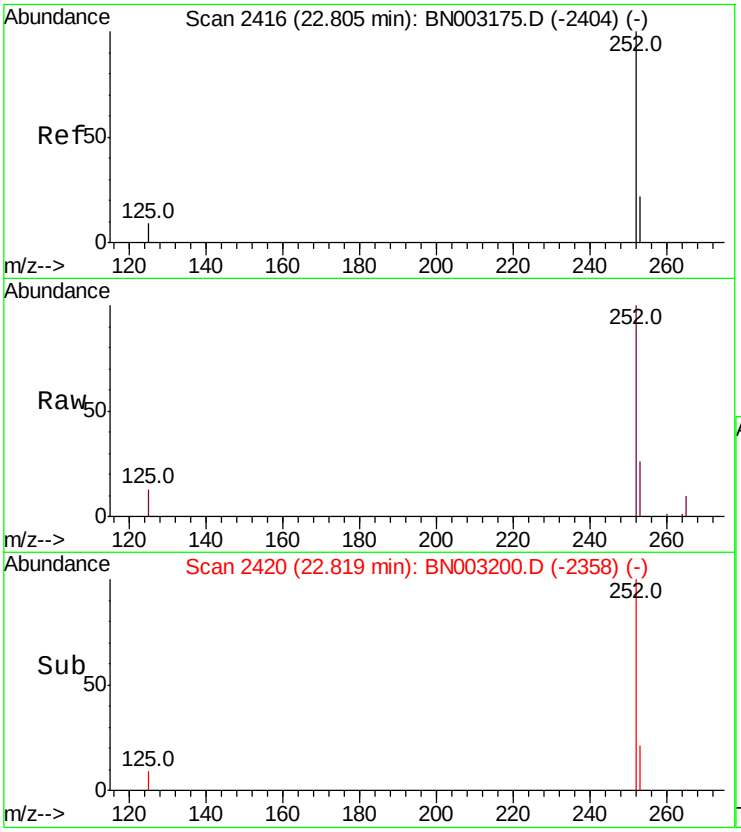


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:264 Resp: 10091

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	32.9	27.6	41.4



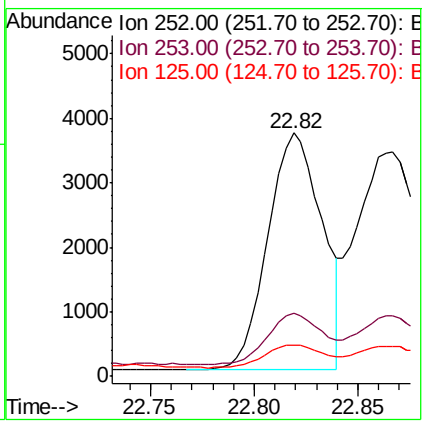


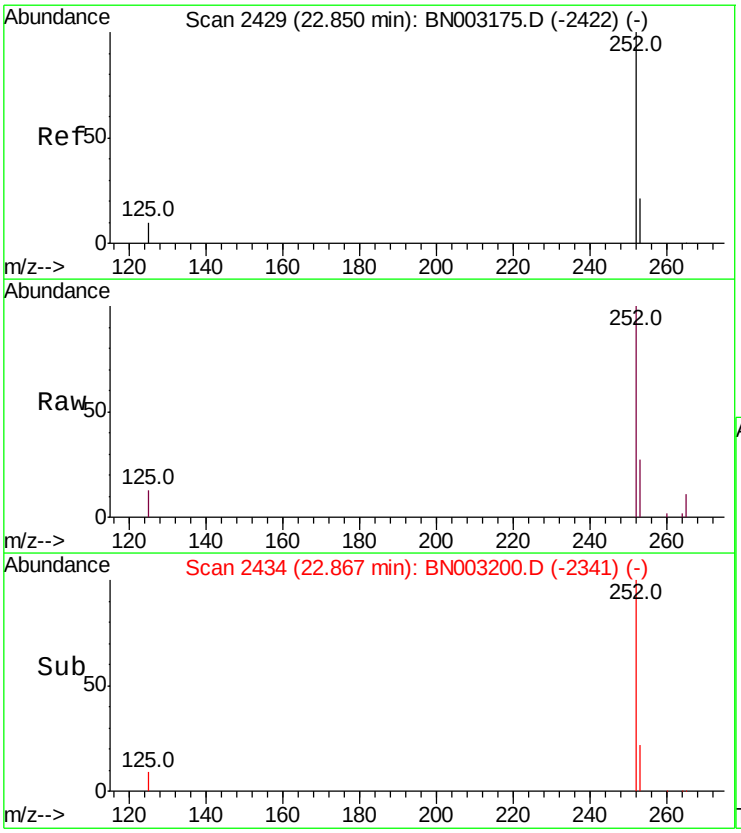
#35
Benzo(b)fluoranthene
Concen: 0.244 ng
RT: 22.82 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6654

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.8	31.2
125	12.8	9.6	14.4

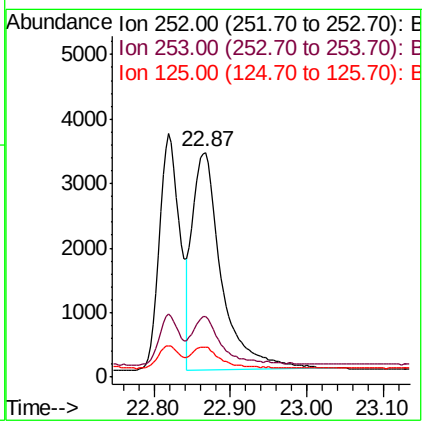


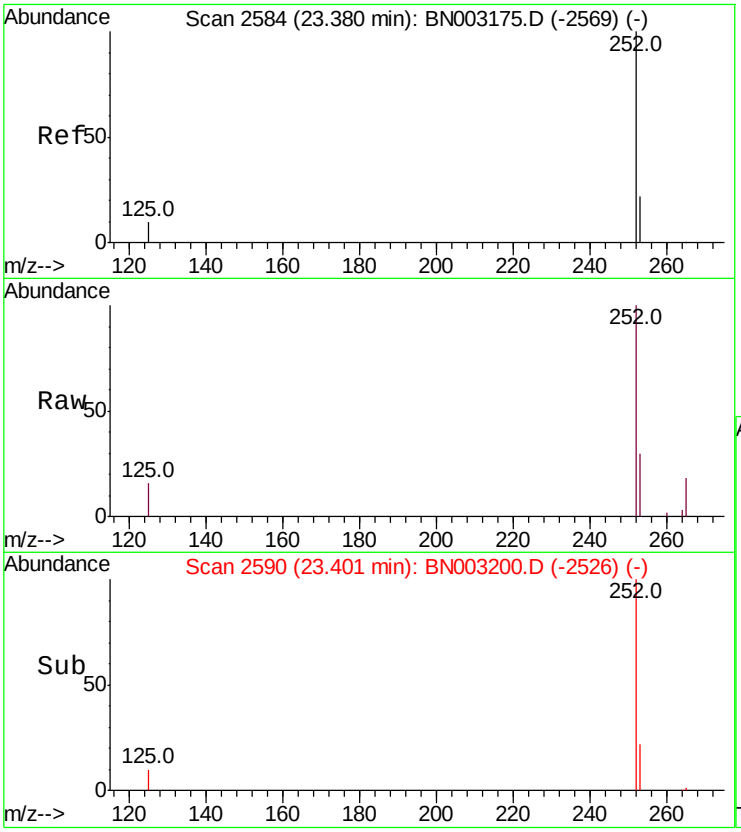


#36
Benzo(k)fluoranthene
Concen: 0.274 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:252 Resp: 8806

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.5	30.7
125	13.2	9.4	14.0



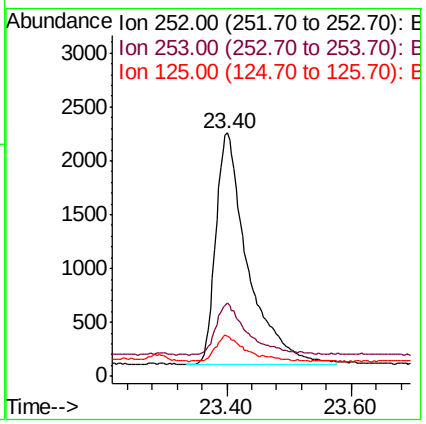


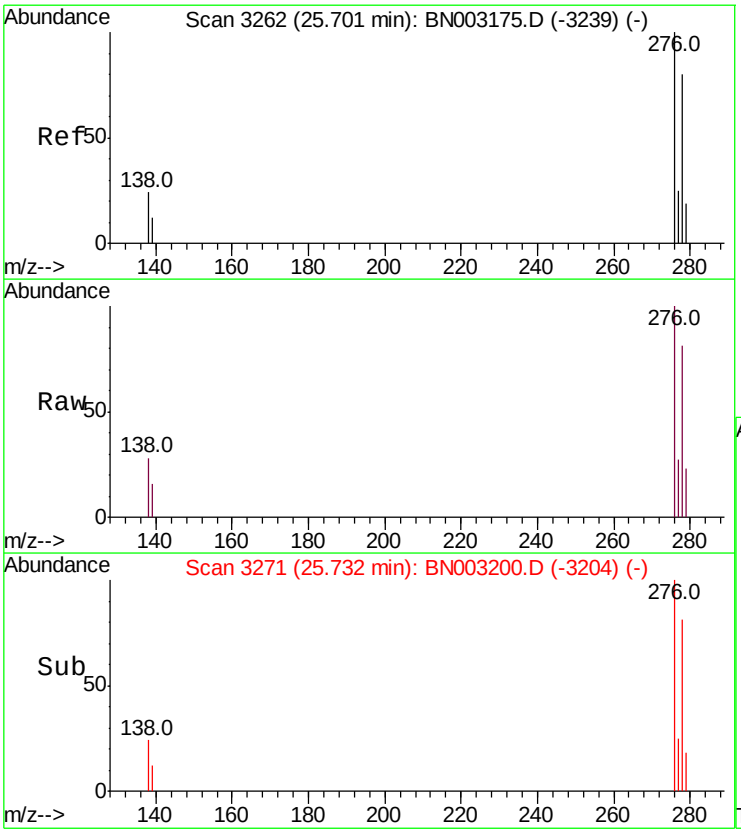
#37
Benzo(a)pyrene
Concen: 0.274 ng
RT: 23.40 min Scan# 2590
Delta R.T. 0.02 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7685

Ion	Ratio	Lower	Upper
252	100		
253	30.0	22.4	33.6
125	16.4	11.4	17.0

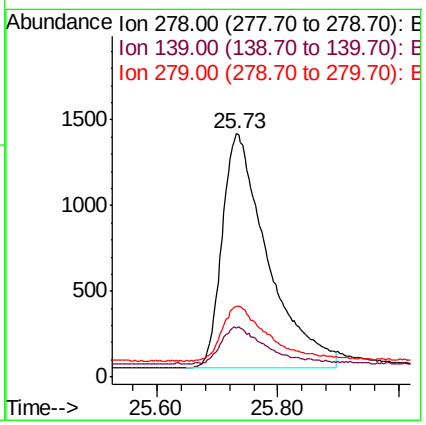


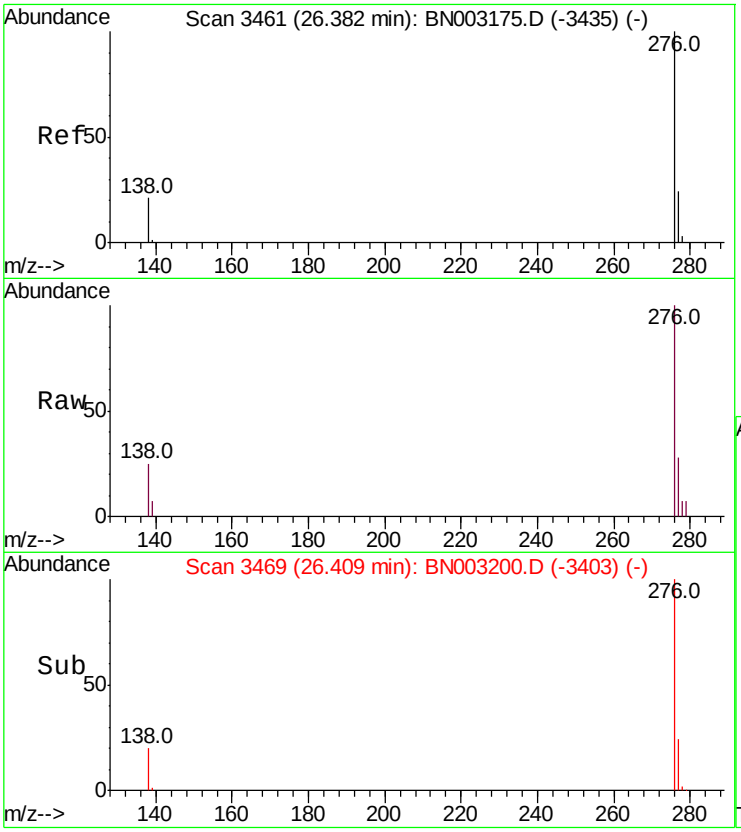


#38
Dibenzo(a,h)anthracene
Concen: 0.249 ng
RT: 25.73 min Scan# 3271
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Tgt Ion:278 Resp: 7153

Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.6	21.8
279	28.8	23.1	34.7





#39
Benzo(g,h,i)perylene
Concen: 0.262 ng
RT: 26.41 min Scan# 3469
Delta R.T. 0.03 min
Lab File: BN003200.D
Acq: 18 Oct 2018 10:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7588

Ion	Ratio	Lower	Upper
276	100		
277	27.5	21.0	31.4
138	24.5	18.1	27.1