Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
Data File : BN003357.D
Acq On : 30 Oct 2018 13:49
Operator : MJ/SJ
Sample : PB114259BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 30 18:14:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	16897	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	67274	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	36888	0.40	ng		-0.01
19) Phenanthrene-d10	17.23	188	80966	0.40	ng		-0.01
27) Chrysene-d12	21.41	240	53137	0.40	ng		-0.01
34) Perylene-d12	23.73	264	42113	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	8741	0.21	ng		0.00
5) Phenol-d6	7.01	99	10404	0.20	ng		0.00
8) Nitrobenzene-d5	9.02	82	7362	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	20502	0.19	ng		-0.01
14) 2,4,6-Tribromophenol	15.98	330	2247	0.15	ng		0.00
15) 2-Fluorobiphenyl	13.11	172	31178	0.20	ng		-0.02
25) Fluoranthene-d10	19.26	212	34755	0.15	ng		-0.01
29) Terphenyl-d14	19.86	244	29664	0.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	7391	0.338	ng	#	80
3) n-Nitrosodimethylamine	3.67	42	2324	0.231	ng	#	89
6) bis(2-Chloroethyl)ether	7.28	93	8919	0.189	ng		99
9) Naphthalene	10.71	128	32626	0.198	ng		100
10) Hexachlorobutadiene	10.97	225	5378	0.179	ng	#	99
12) 2-Methylnaphthalene	12.31	142	22625	0.197	ng		98
16) Acenaphthylene	14.21	152	27568	0.168	ng		100
17) Acenaphthene	14.56	154	20359	0.179	ng		99
18) Fluorene	15.54	166	25369	0.178	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	8531	0.182	ng	#	73
21) Hexachlorobenzene	16.53	284	9168	0.185	ng		99
22) Pentachlorophenol	16.88	266	3286	0.245	ng		97
23) Phenanthrene	17.27	178	41535	0.187	ng		100
24) Anthracene	17.37	178	32585	0.171	ng		100
26) Fluoranthene	19.29	202	36979	0.145	ng		100
28) Pyrene	19.65	202	35466	0.241	ng		100
30) Benzo(a)anthracene	21.40	228	24535	0.176	ng		100
31) Chrysene	21.45	228	29177	0.194	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	6732	0.163	ng		99
33) Indeno(1,2,3-cd)pyrene	26.08	276	29059	0.187	ng		98
35) Benzo(b)fluoranthene	23.02	252	26838	0.204	ng		97
36) Benzo(k)fluoranthene	23.07	252	24587	0.189	ng	#	93
37) Benzo(a)pyrene	23.62	252	22380	0.187	ng		96
38) Dibenzo(a,h)anthracene	26.10	278	24145	0.217	ng		97
39) Benzo(g,h,i)perylene	26.81	276	26410	0.237	ng		100

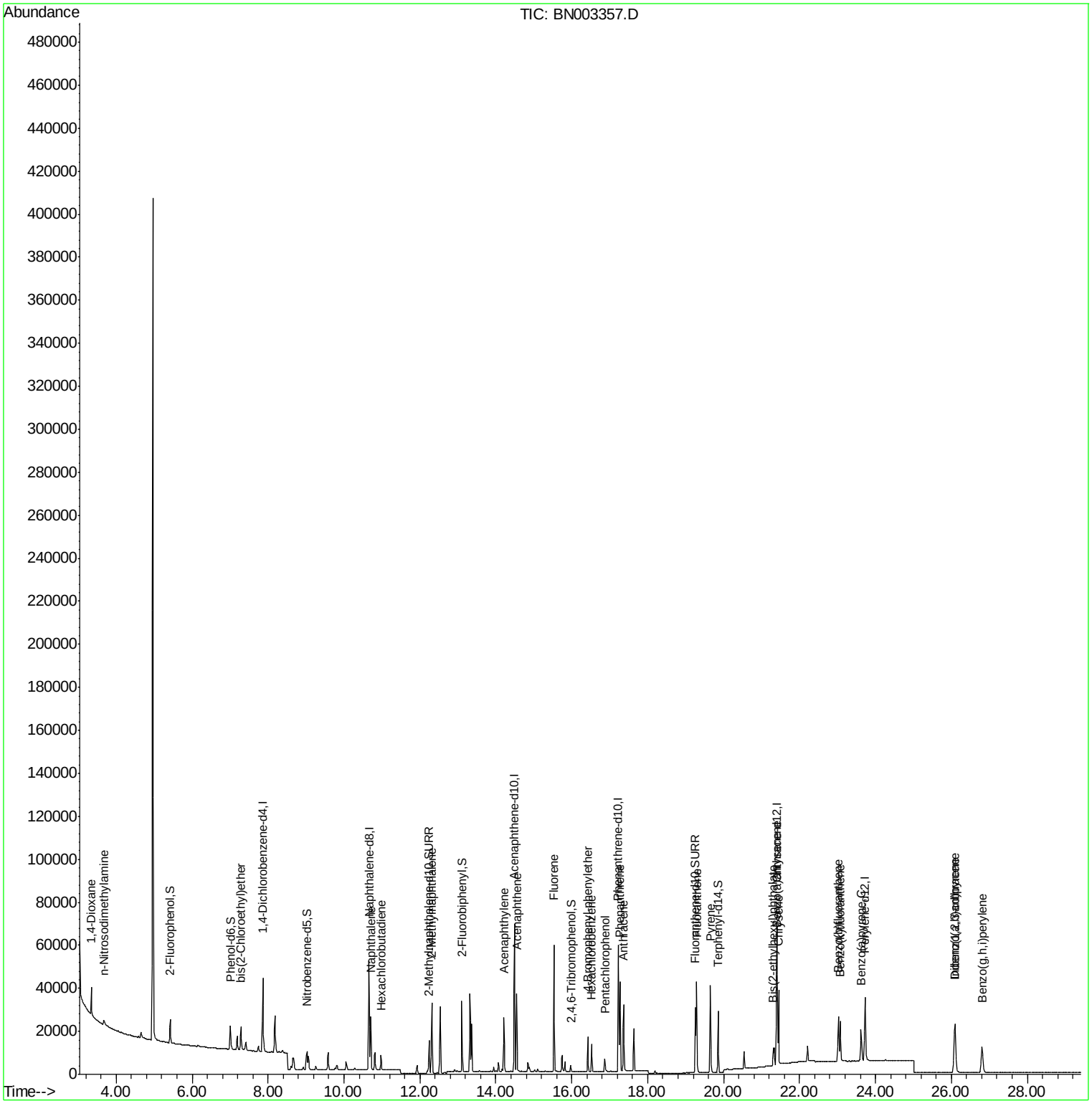
(#) = qualifier out of range (m) = manual integration (+) = signals summed

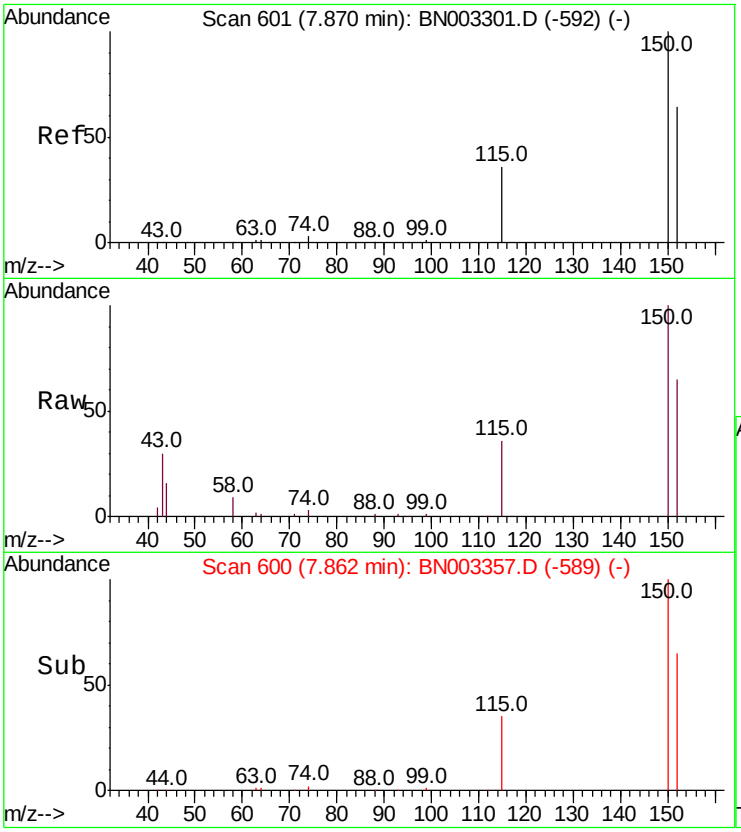
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
Data File : BN003357.D
Acq On : 30 Oct 2018 13:49
Operator : MJ/SJ
Sample : PB114259BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 30 18:14:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration



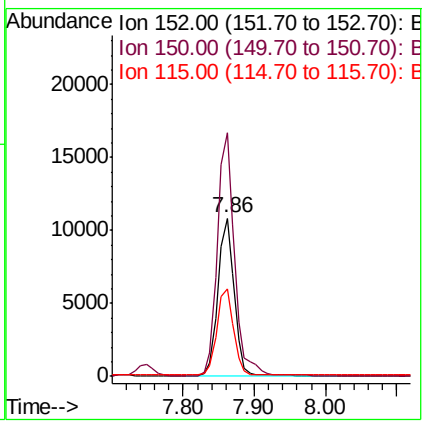


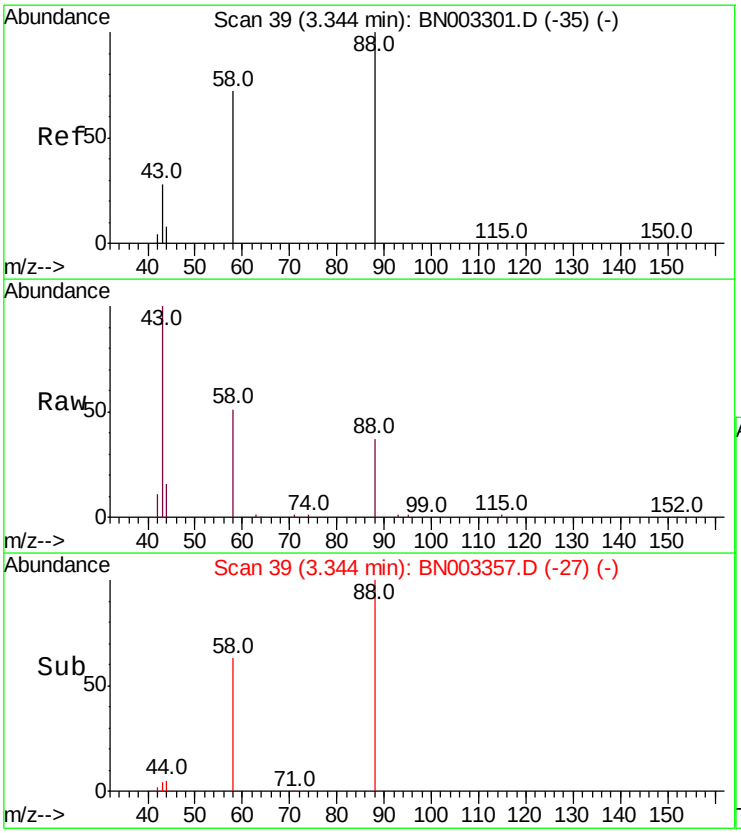
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 16897

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	187.0
115	55.3	46.4	69.6

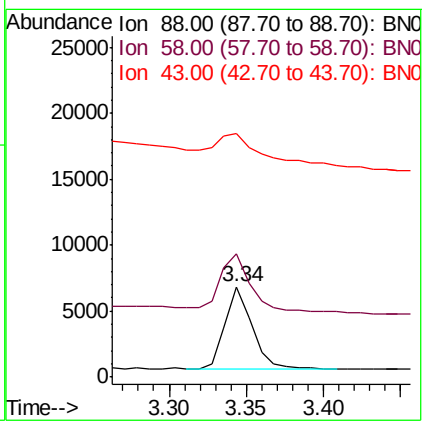


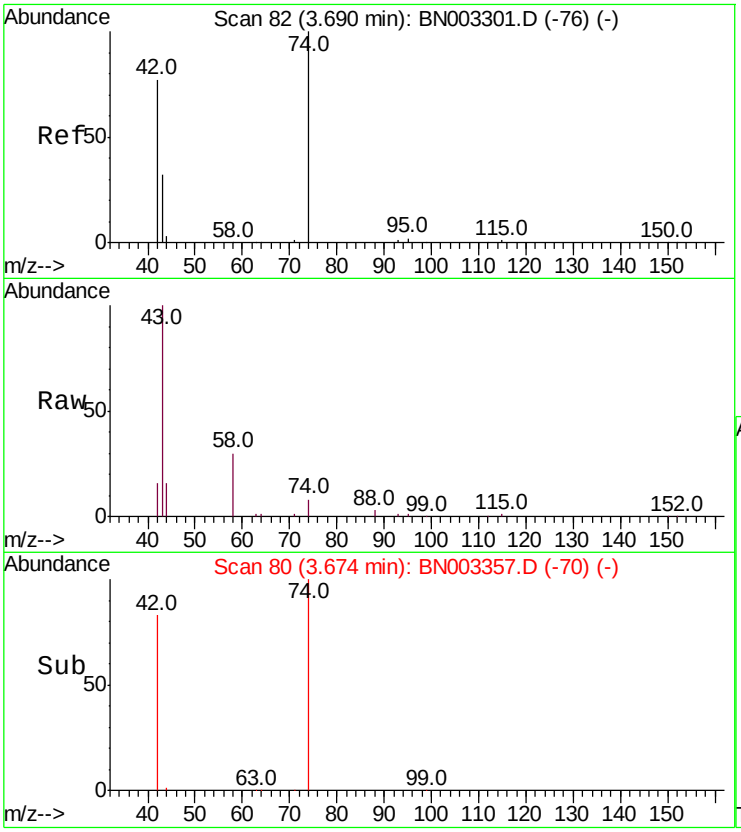


#2
1,4-Dioxane
Concen: 0.338 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion: 88 Resp: 7391

Ion	Ratio	Lower	Upper
88	100		
58	80.3	60.9	91.3
43	62.1	23.9	35.9#



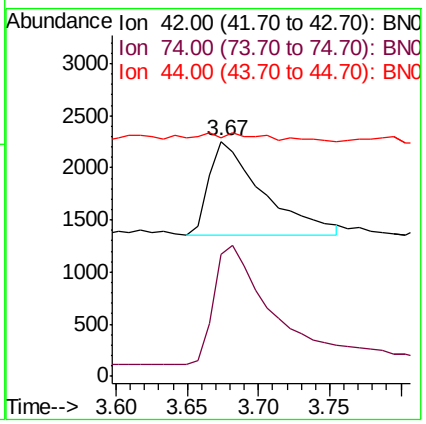


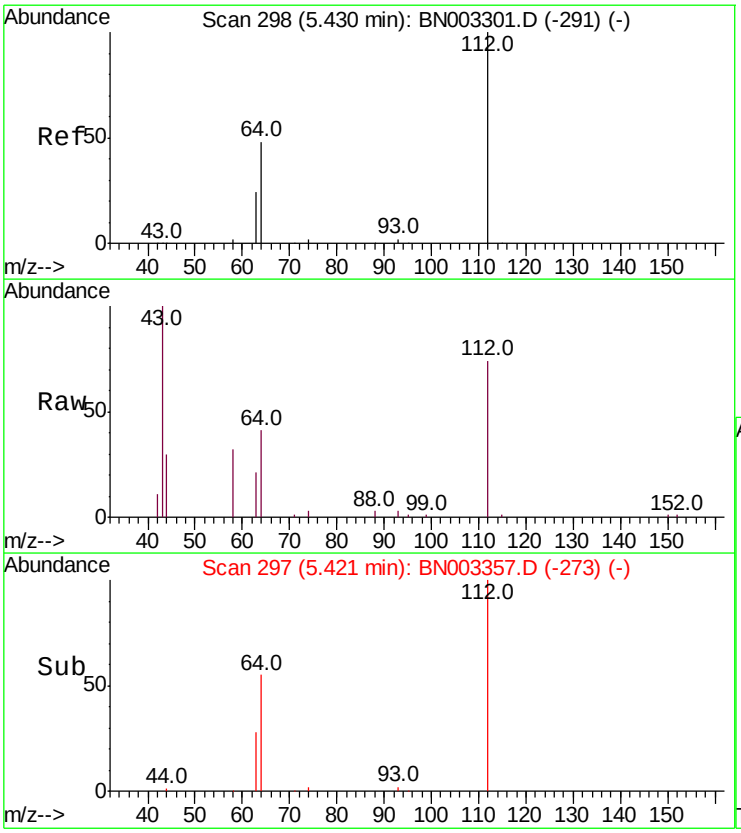
#3
n-Nitrosodimethylamine
Concen: 0.231 ng
RT: 3.67 min Scan# 80
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2324

Ion	Ratio	Lower	Upper
42	100		
74	136.3	99.1	148.7
44	3.4	4.2	6.4#

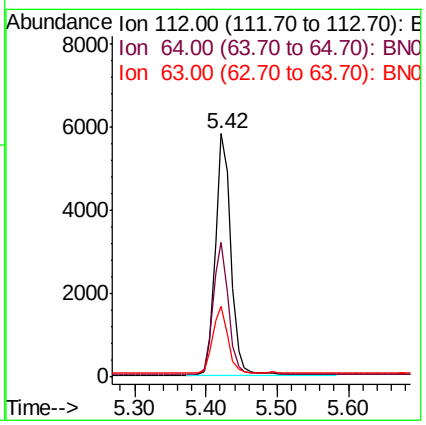


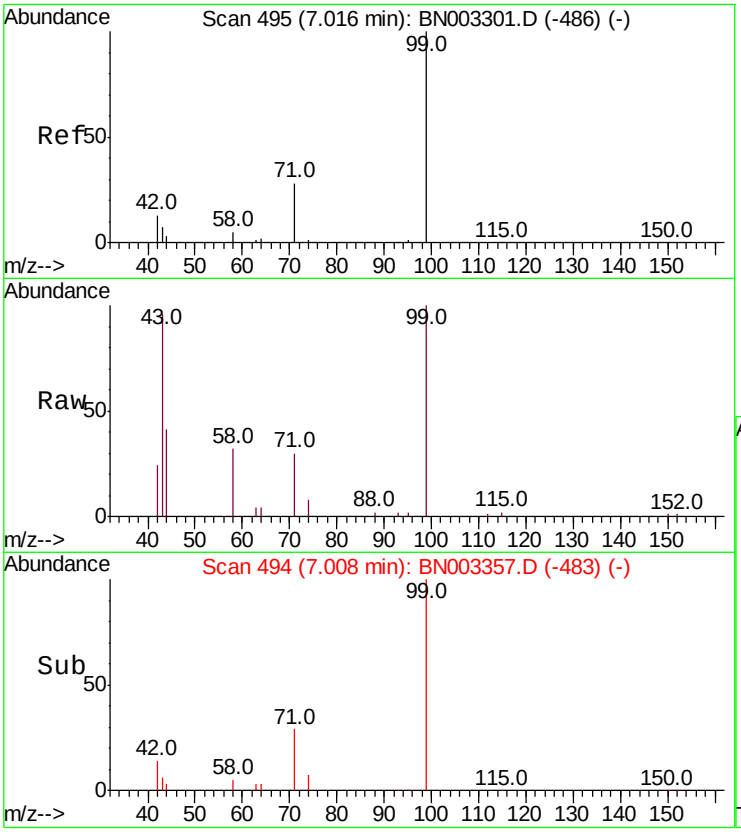


#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:112 Resp: 8741

Ion	Ratio	Lower	Upper
112	100		
64	54.1	44.3	66.5
63	26.7	22.4	33.6



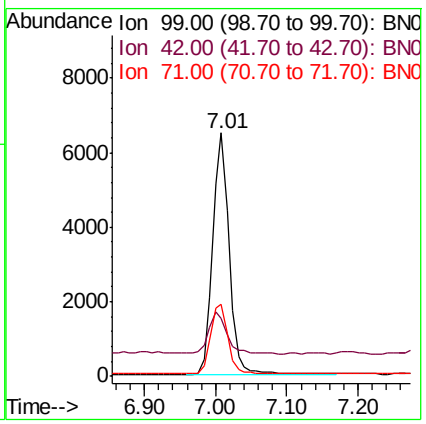


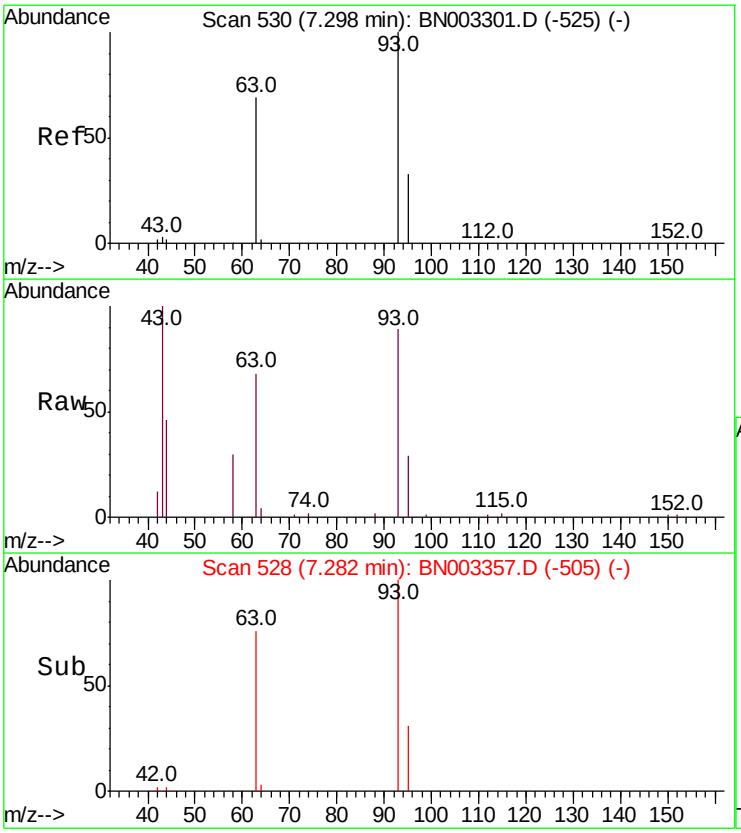
#5
Phenol-d6
Concen: 0.197 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 10404

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.8	22.2
71	30.5	24.8	37.2

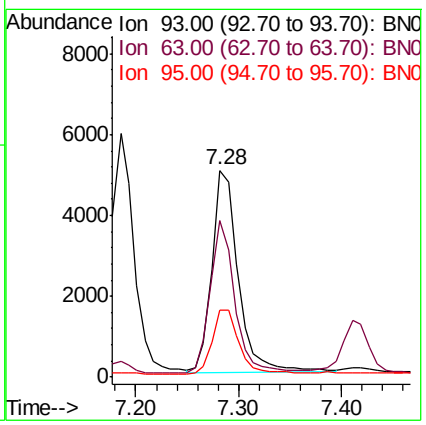


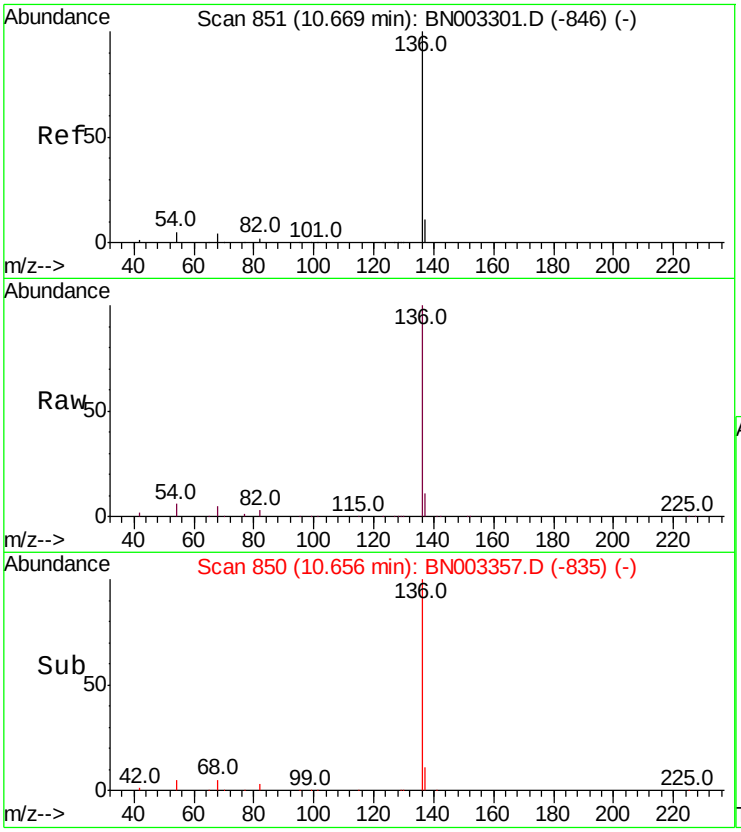


#6
bis(2-Chloroethyl)ether
Concen: 0.189 ng
RT: 7.28 min Scan# 528
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion: 93 Resp: 8919

Ion	Ratio	Lower	Upper
93	100		
63	70.8	55.8	83.6
95	32.3	25.4	38.2



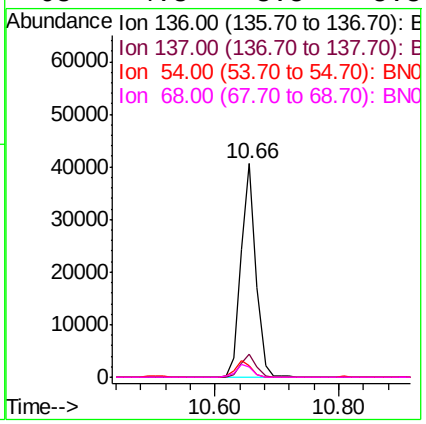


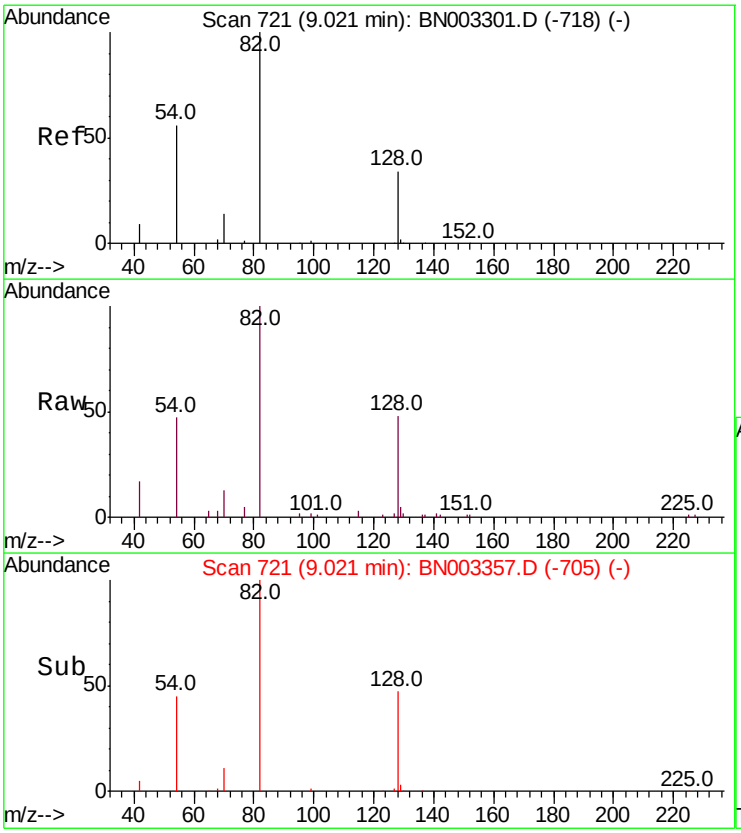
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 67274

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.6	4.1	6.1
68	4.8	3.5	5.3

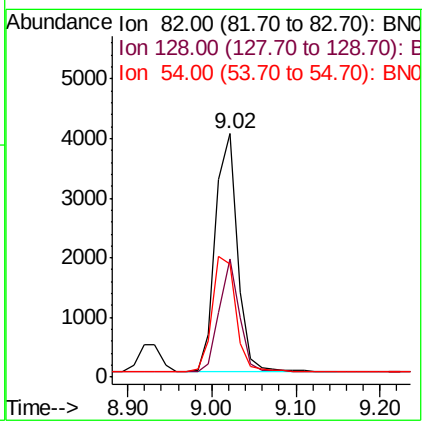


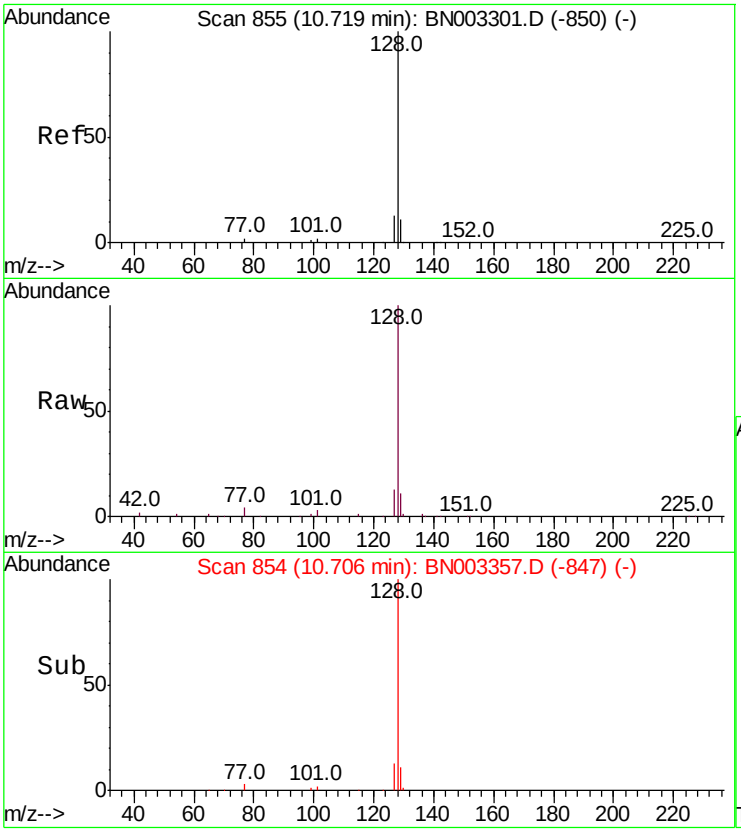


#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 9.02 min Scan# 721
Delta R.T. -0.00 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion: 82 Resp: 7362

Ion	Ratio	Lower	Upper
82	100		
128	48.5	28.9	43.3#
54	46.6	46.1	69.1



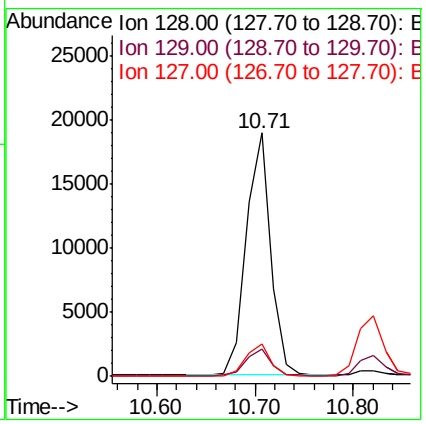


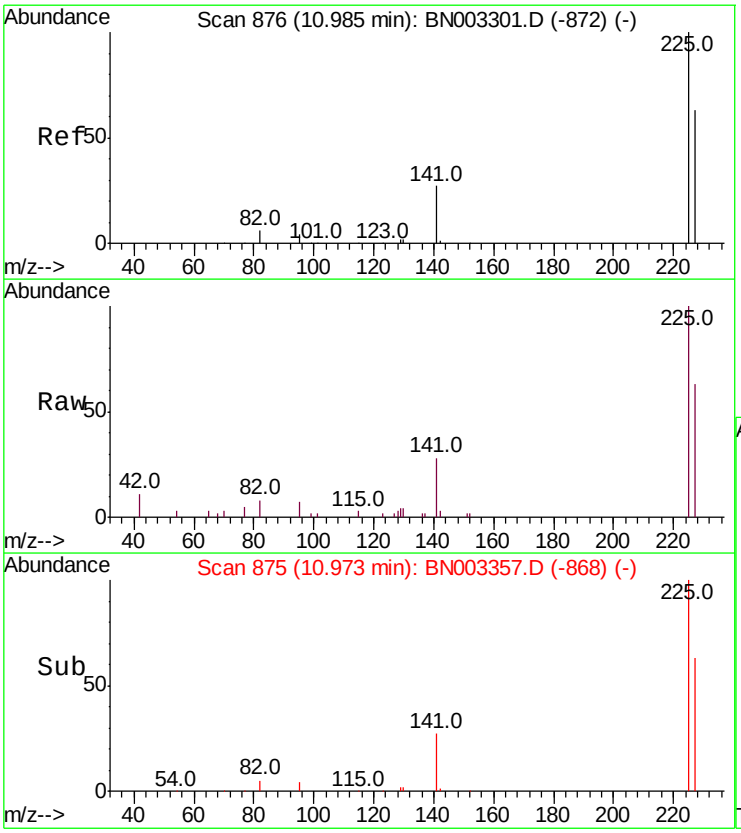
#9
Naphthalene
Concen: 0.198 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 32626

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.1	10.2	15.4

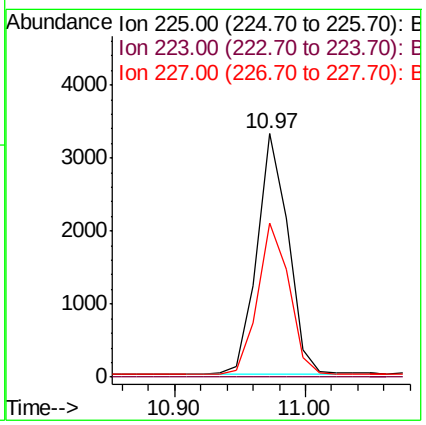


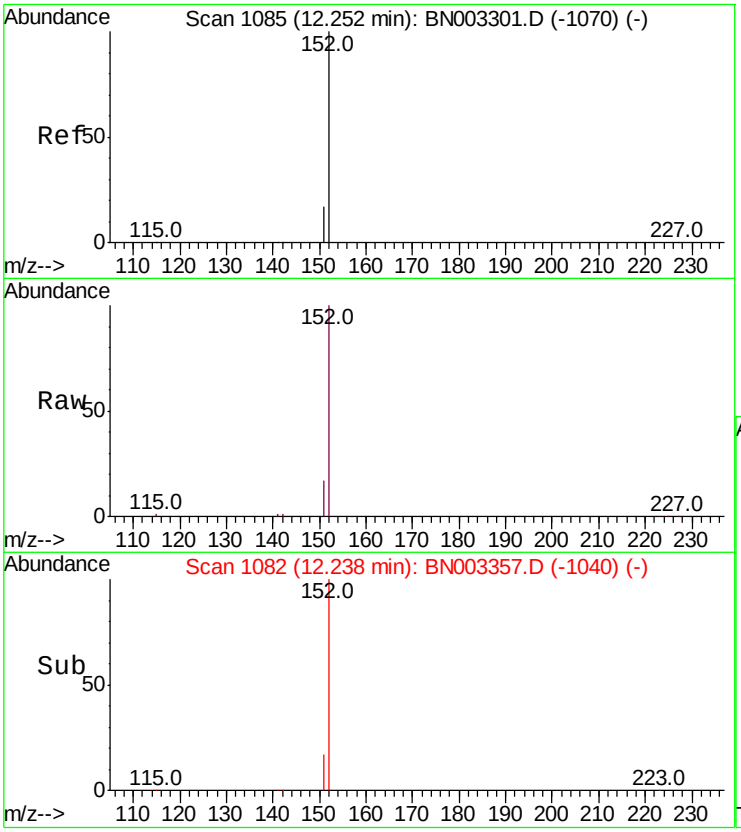


#10
Hexachlorobutadiene
Concen: 0.179 ng
RT: 10.97 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:225 Resp: 5378

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.3	76.9



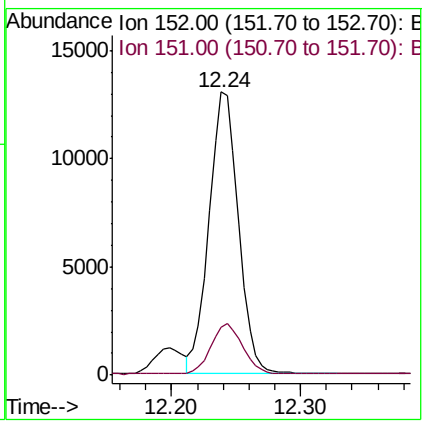


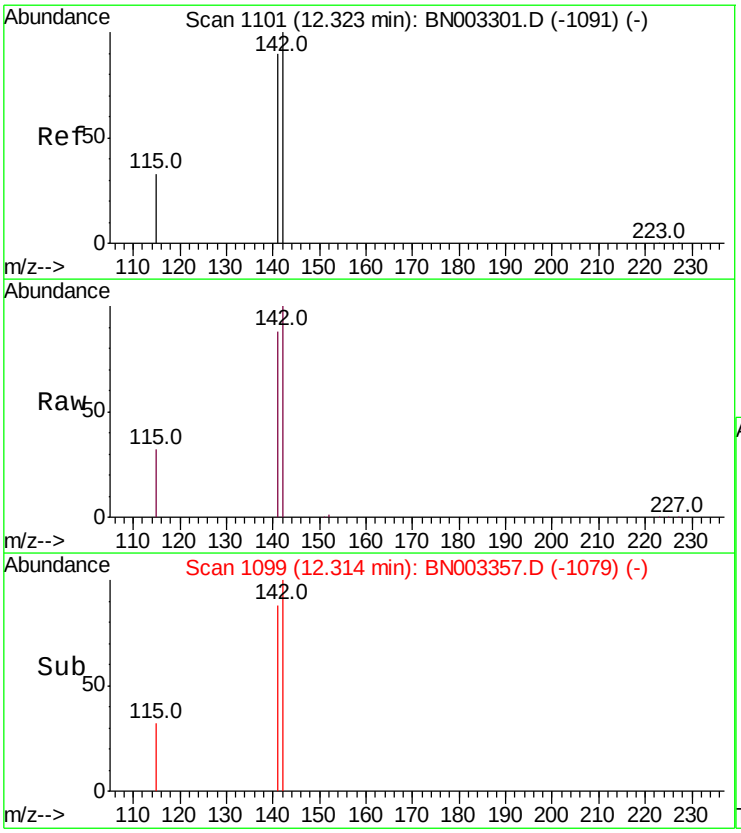
#11
2-Methylnaphthalene-d10
Concen: 0.187 ng
RT: 12.24 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 20502

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7

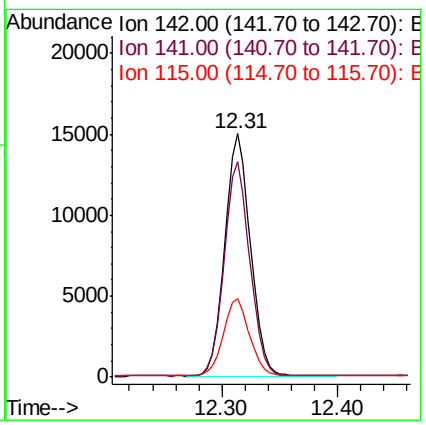


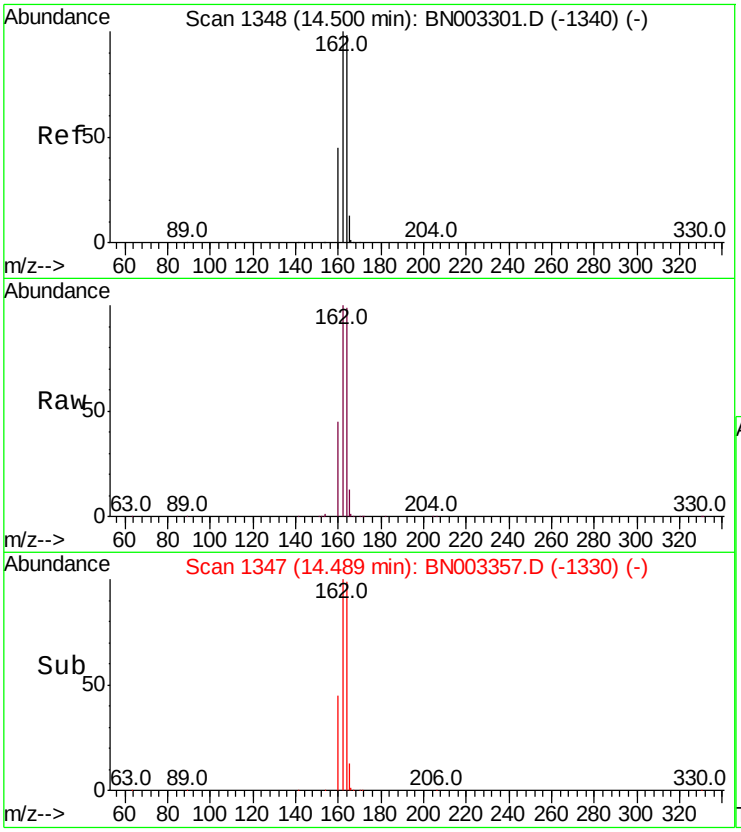


#12
2-Methylnaphthalene
Concen: 0.197 ng
RT: 12.31 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:142 Resp: 22625

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9
115	32.2	27.0	40.6



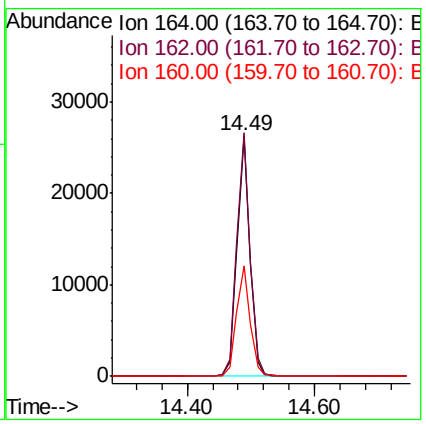


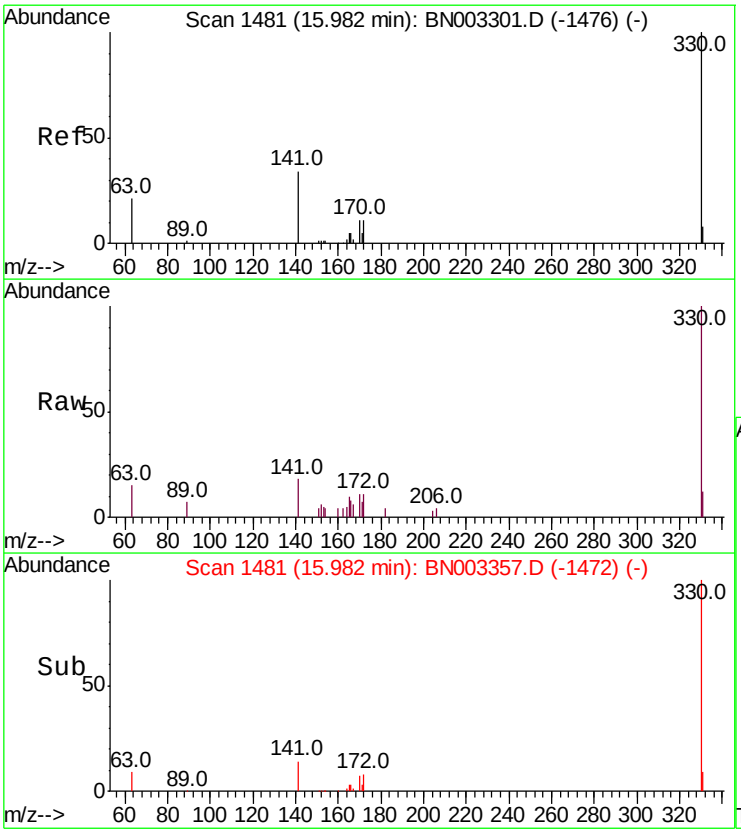
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 36888

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	46.1	37.2	55.8

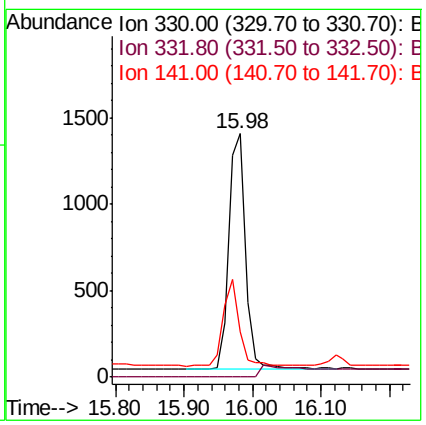


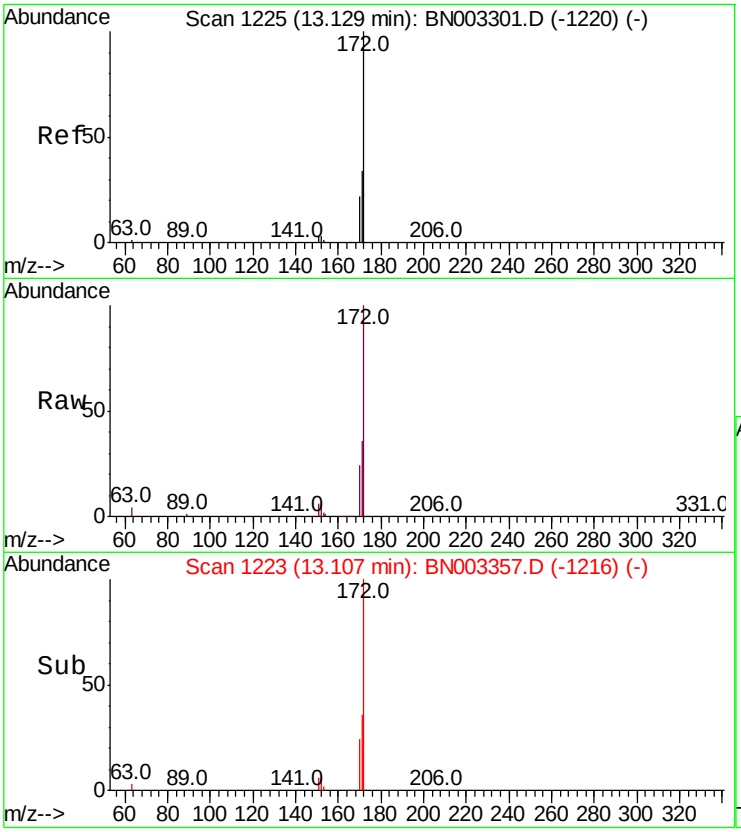


#14
2,4,6-Tribromophenol
Concen: 0.153 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:330 Resp: 2247

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	28.3	42.5



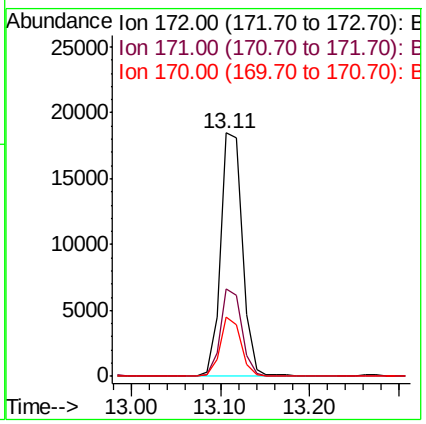


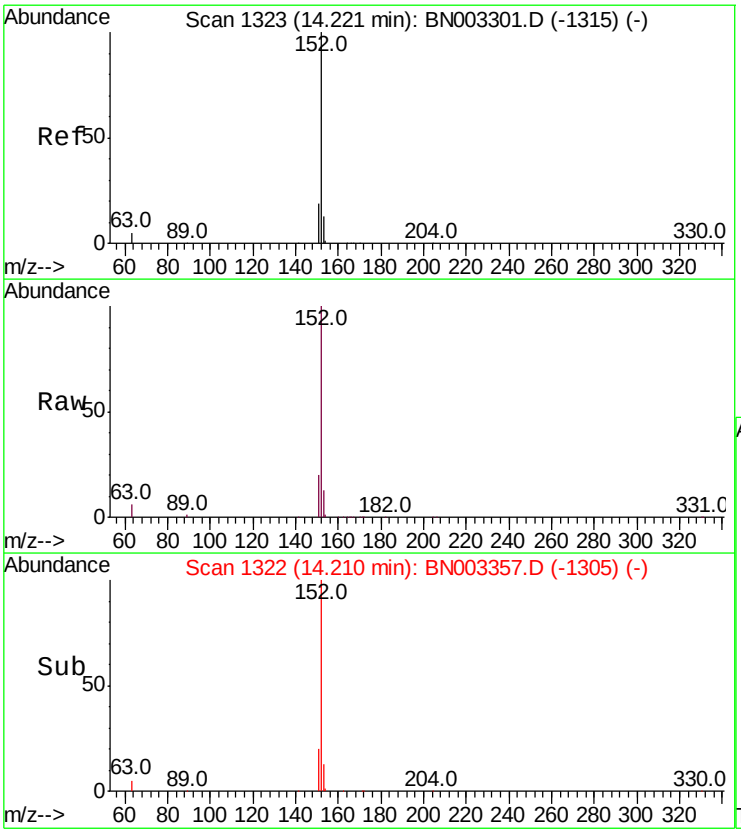
#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 13.11 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 31178

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.1	40.7
170	24.2	17.4	26.0

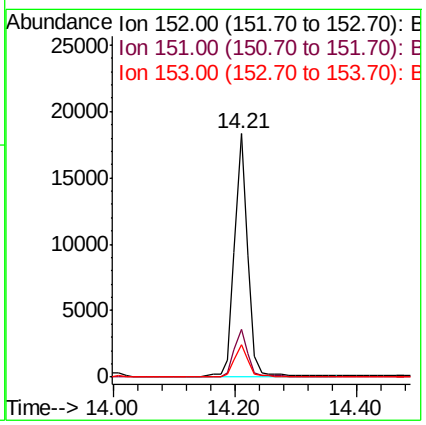


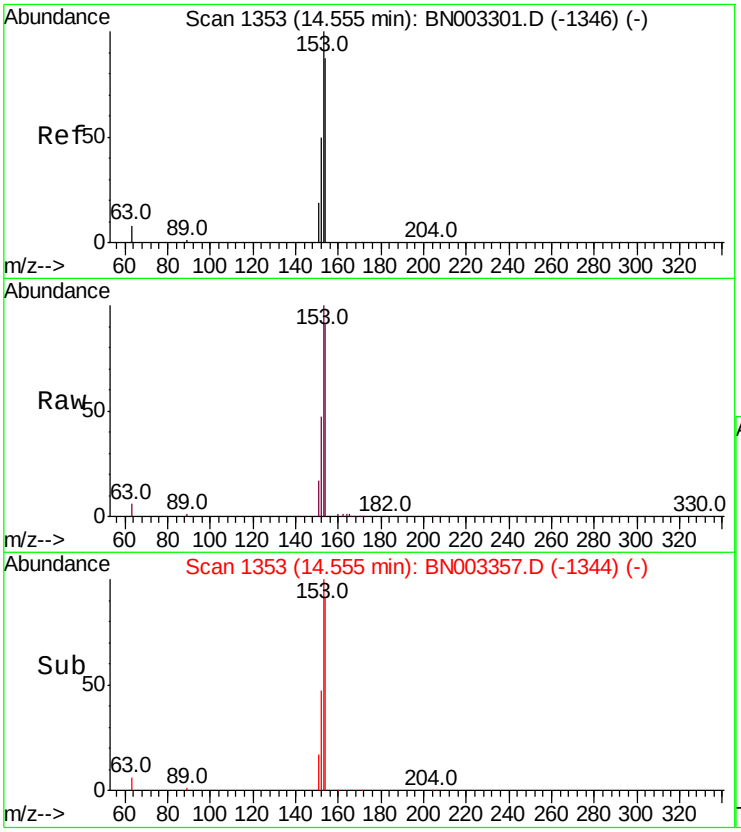


#16
Acenaphthylene
Concen: 0.168 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:152 Resp: 27568

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.6	15.8



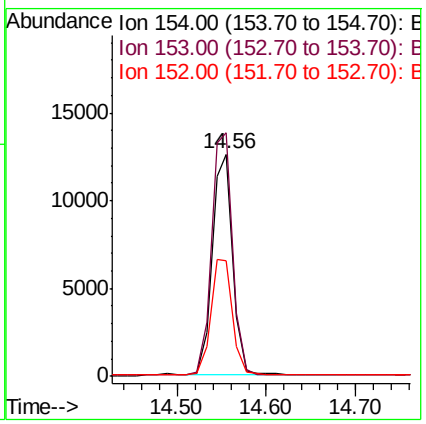


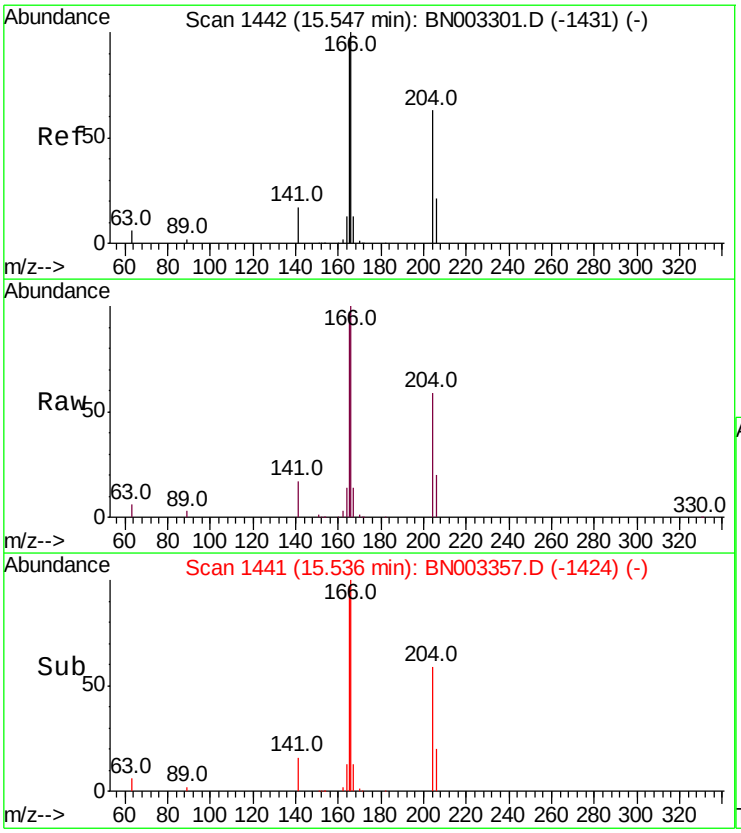
#17
Acenaphthene
Concen: 0.179 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 20359

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	55.0	43.5	65.3

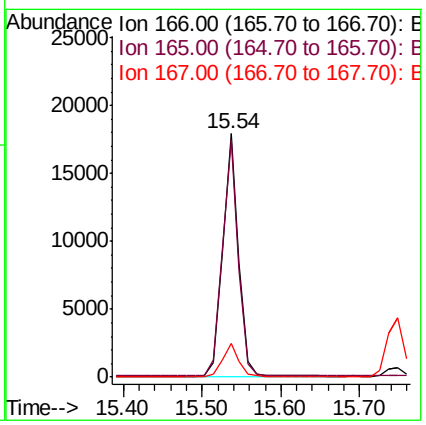


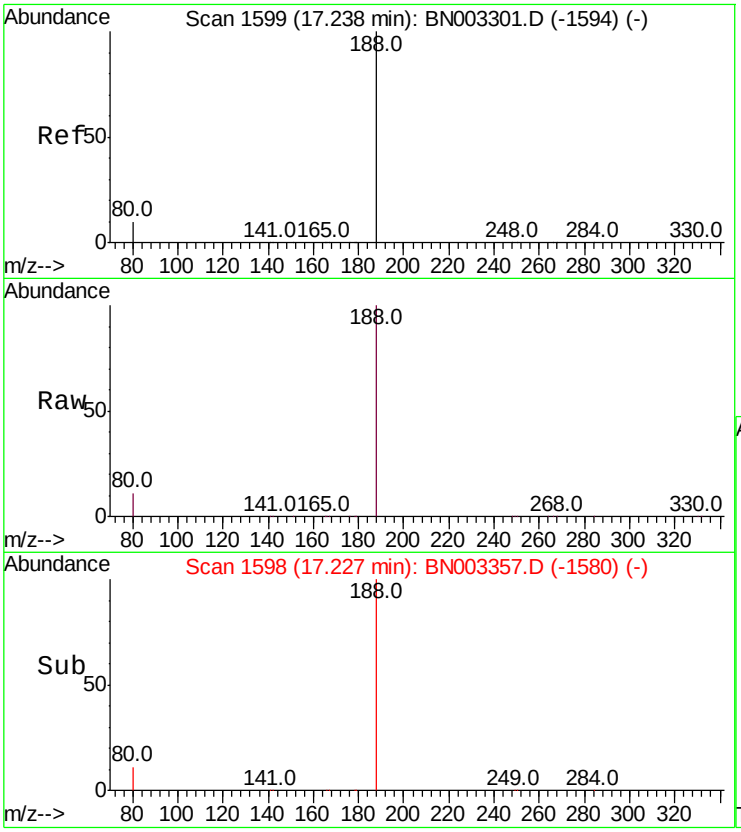


#18
Fluorene
Concen: 0.178 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:166 Resp: 25369

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.4	10.9	16.3



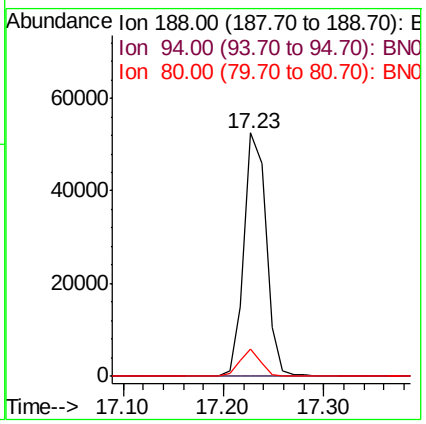


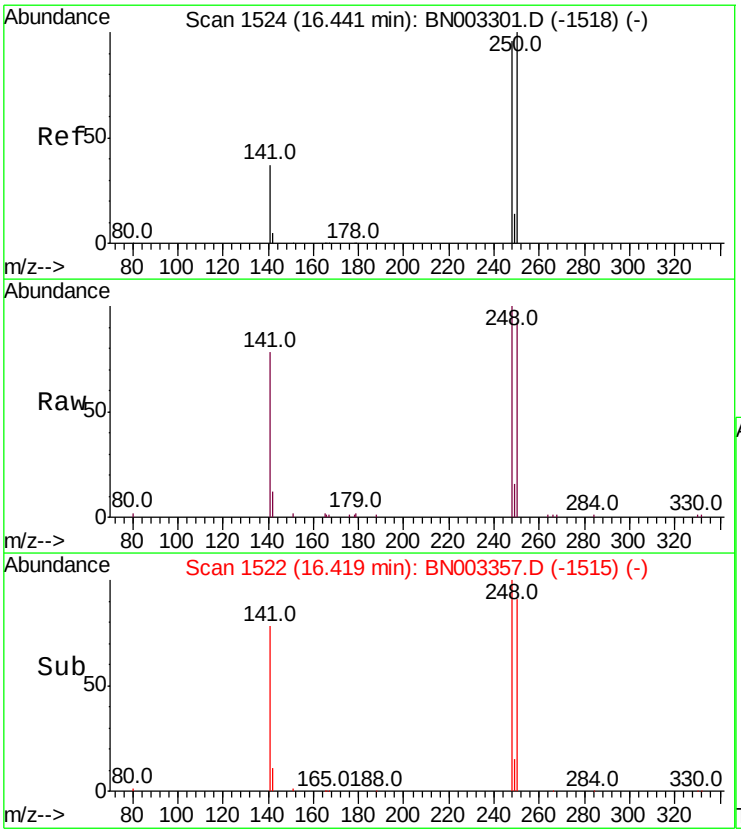
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 80966

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	8.6	12.8

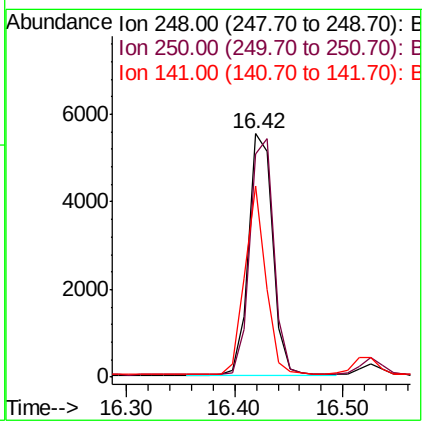


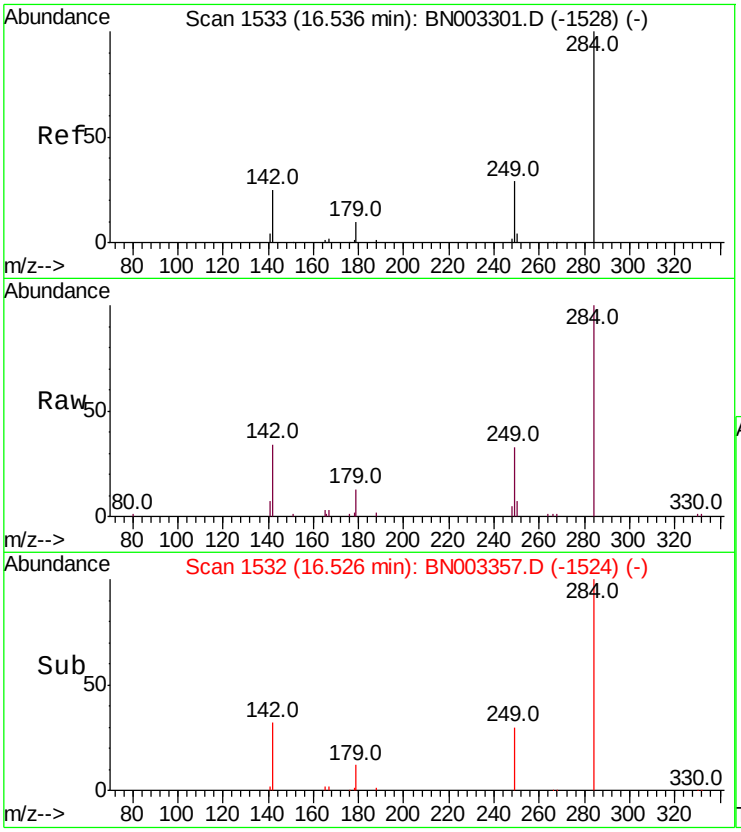


#20
4-Bromophenyl-phenylether
Concen: 0.182 ng
RT: 16.42 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:248 Resp: 8531

Ion	Ratio	Lower	Upper
248	100		
250	91.6	83.7	125.5
141	78.5	31.4	47.0#



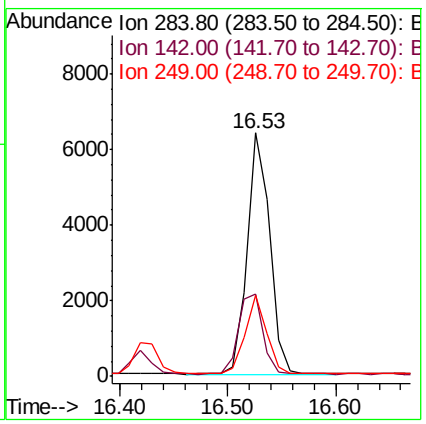


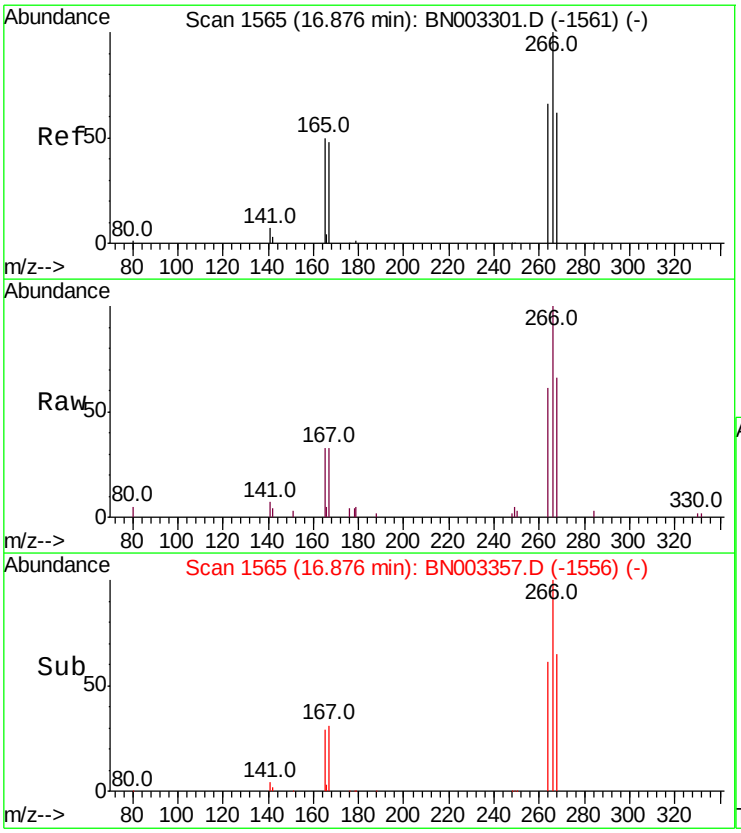
#21
Hexachlorobenzene
Concen: 0.185 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 9168

Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.7	44.5
249	30.4	24.0	36.0

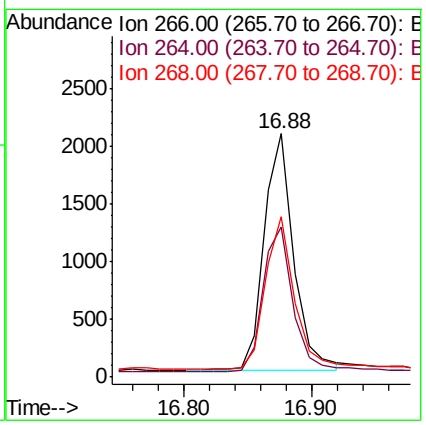


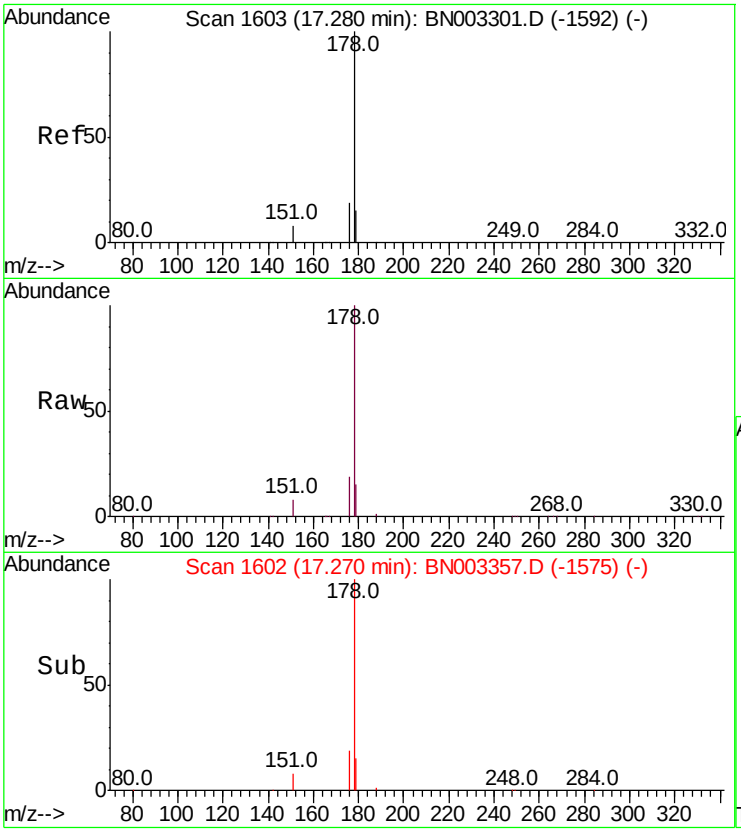


#22
Pentachlorophenol
Concen: 0.245 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:266 Resp: 3286

Ion	Ratio	Lower	Upper
266	100		
264	61.4	52.1	78.1
268	66.0	51.8	77.6



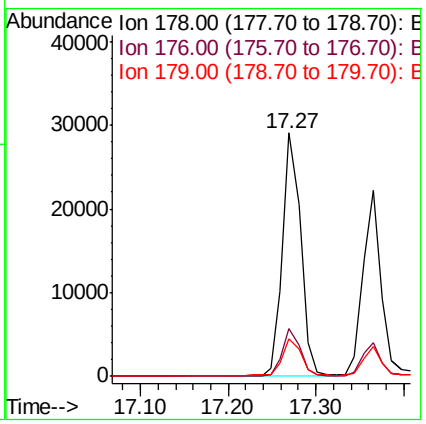


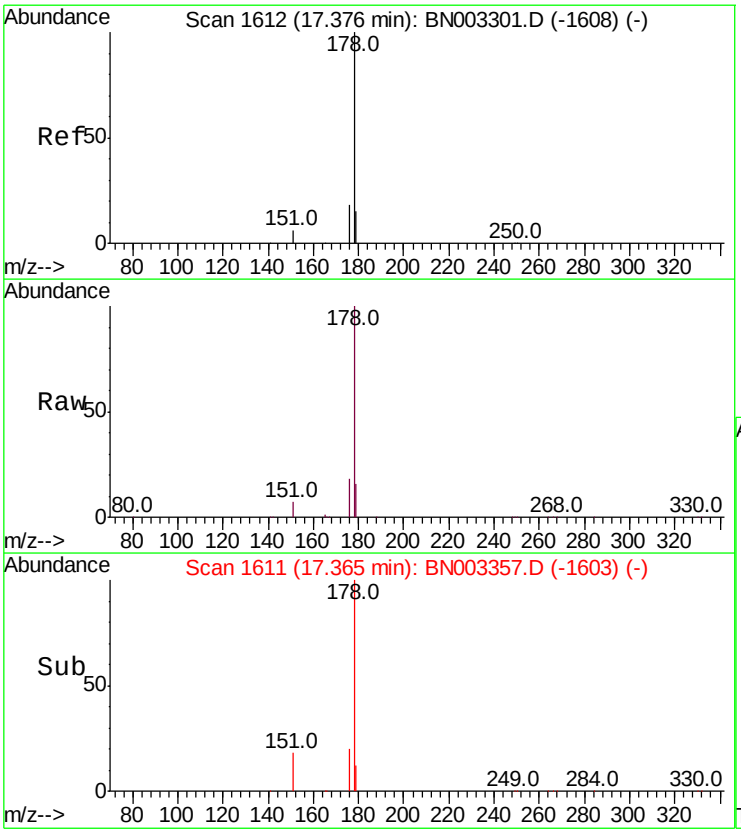
#23
Phenanthrene
Concen: 0.187 ng
RT: 17.27 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 41535

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	12.4	18.6

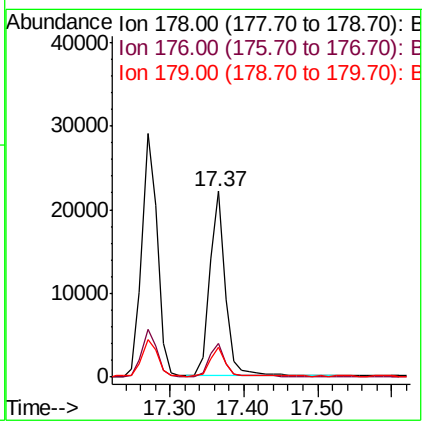


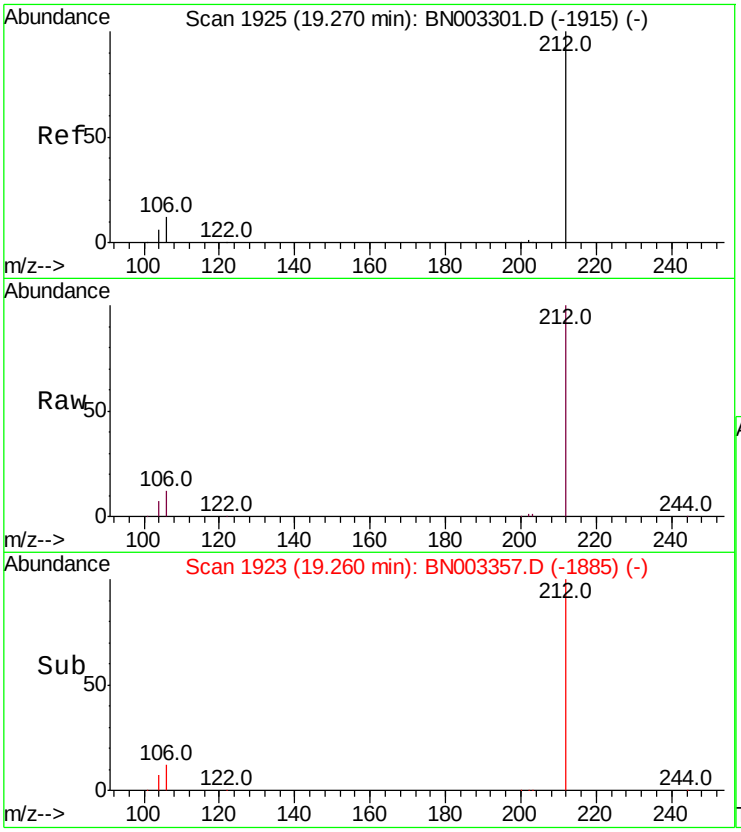


#24
Anthracene
Concen: 0.171 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:178 Resp: 32585

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.2	12.2	18.4



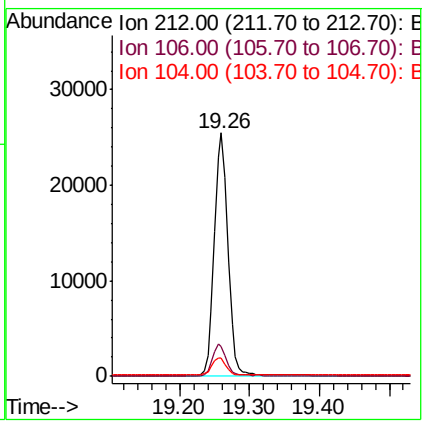


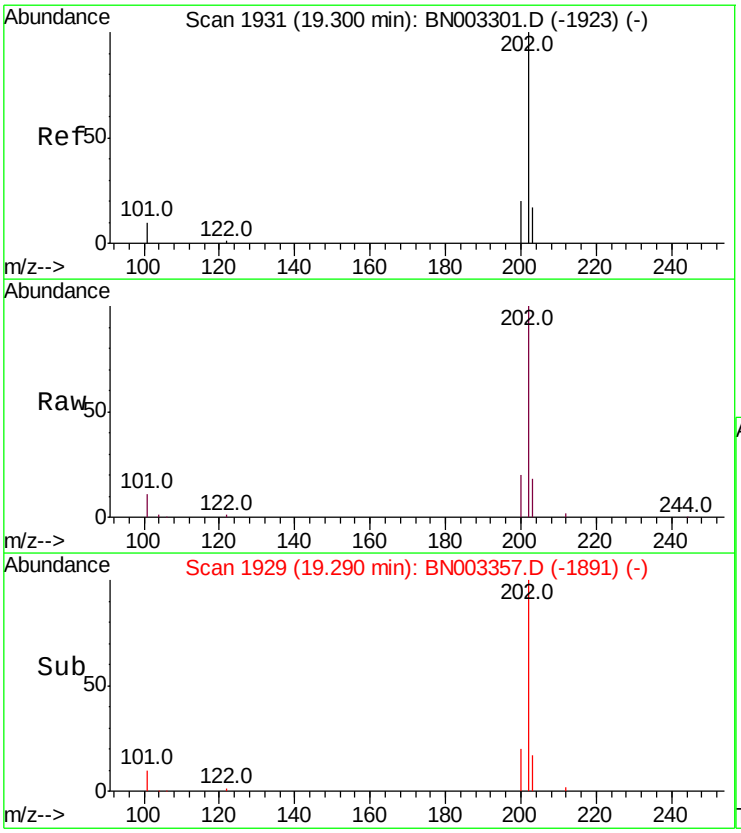
#25
Fluoranthene-d10
Concen: 0.148 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 34755

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.3	15.5
104	7.1	5.6	8.4

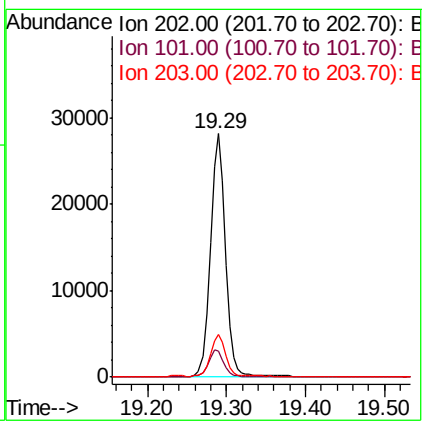


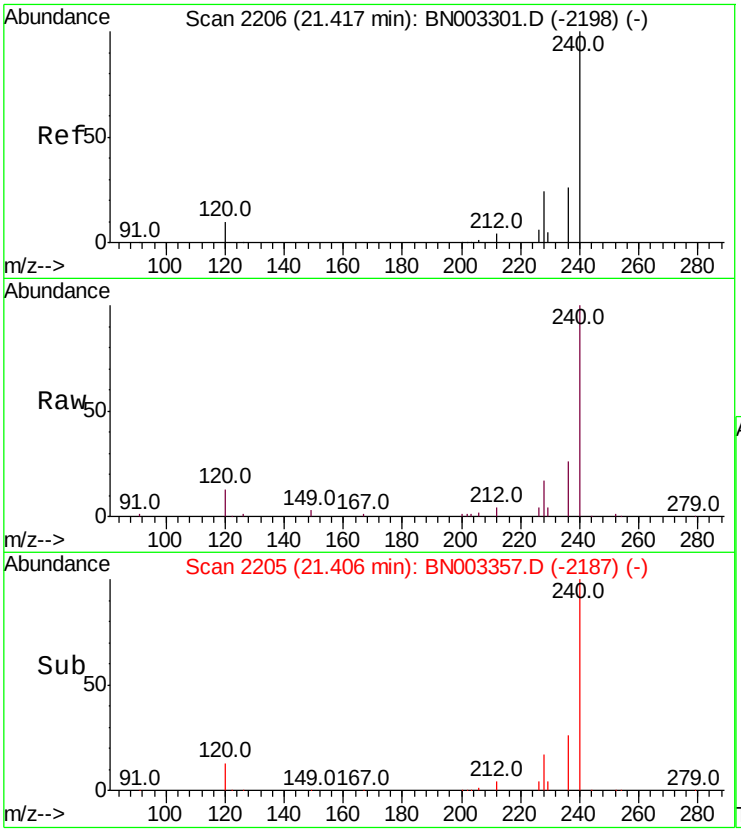


#26
Fluoranthene
Concen: 0.145 ng
RT: 19.29 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:202 Resp: 36979

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.0	13.8	20.6



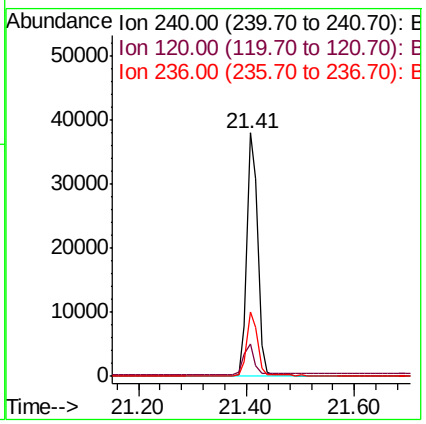


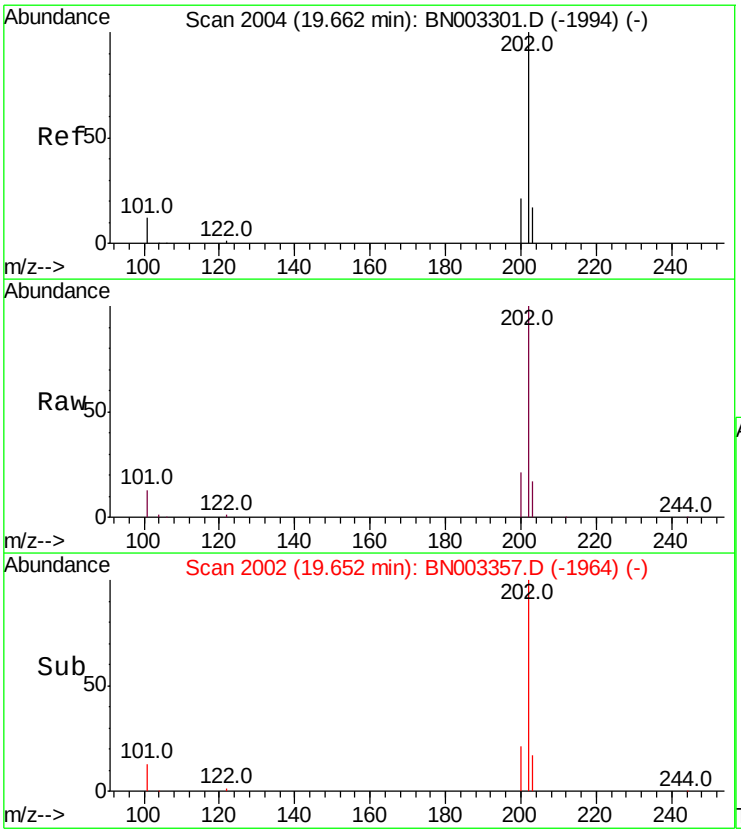
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 53137

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.3	13.9
236	26.5	21.0	31.4

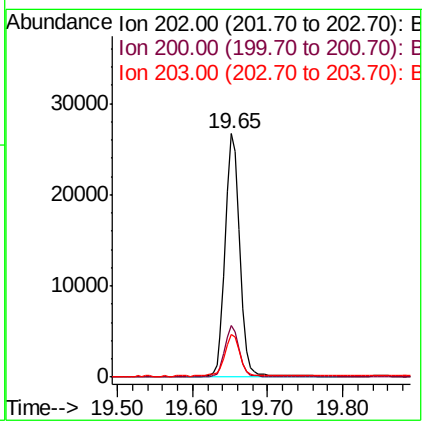


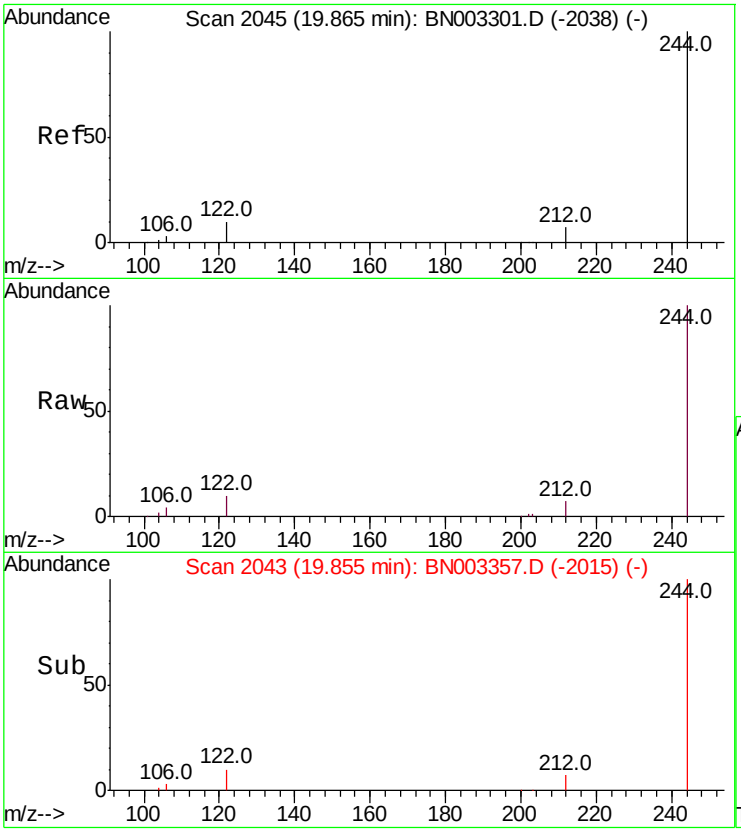


#28
Pyrene
Concen: 0.241 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:202 Resp: 35466

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.8	13.9	20.9



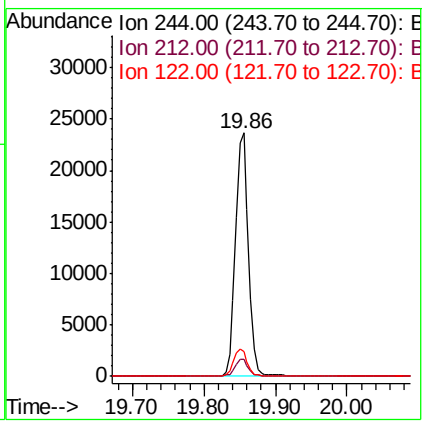


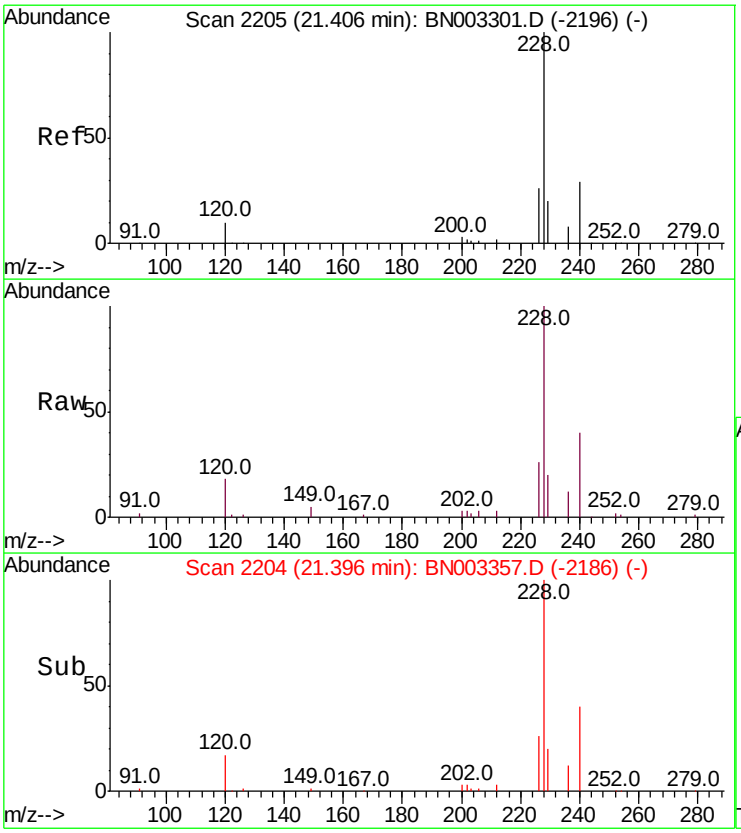
#29
Terphenyl-d14
Concen: 0.240 ng
RT: 19.86 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 29664

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.0	8.5	12.7

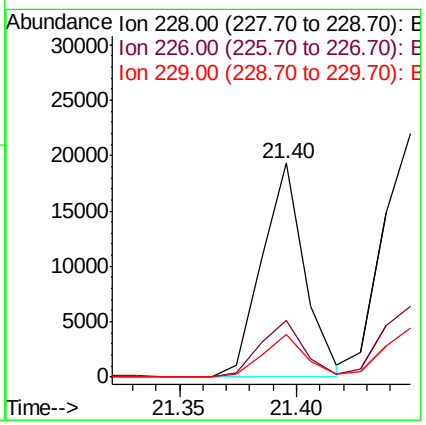


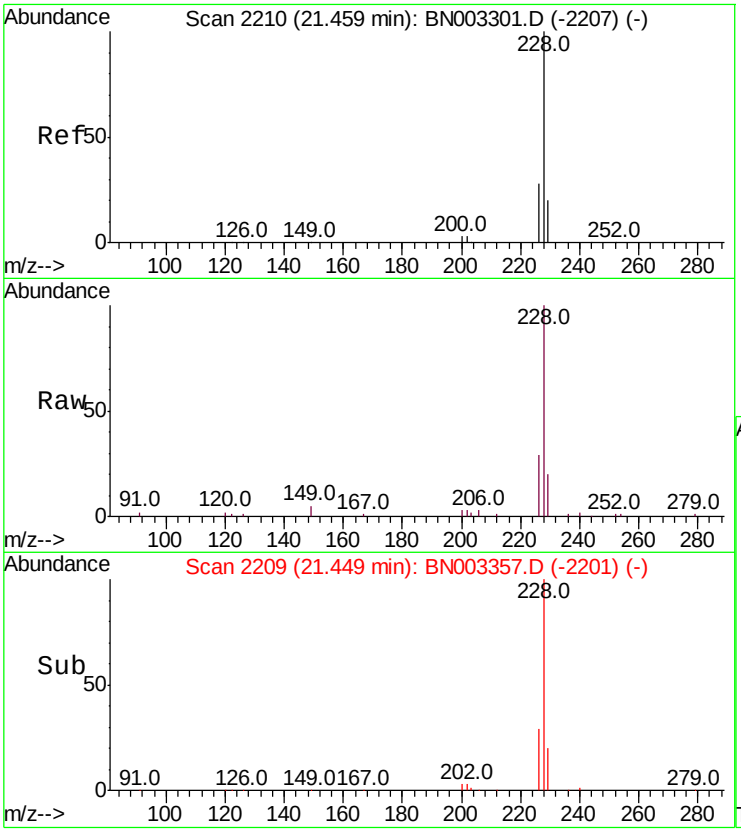


#30
Benzo(a)anthracene
Concen: 0.176 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:228 Resp: 24535

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.8	31.2
229	19.9	16.1	24.1



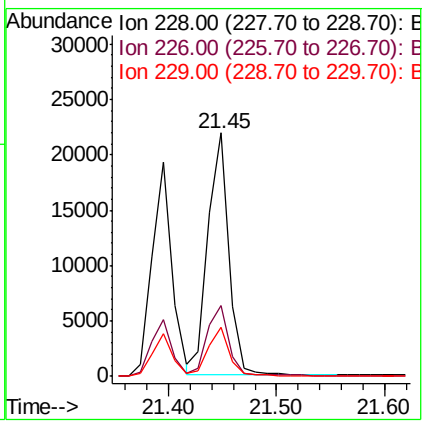


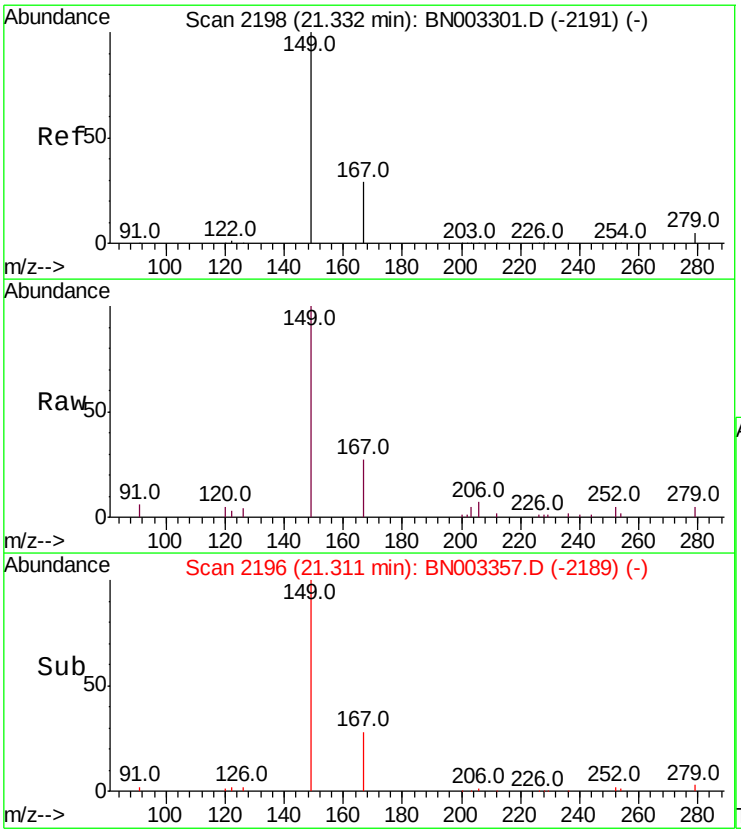
#31
Chrysene
Concen: 0.194 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 29177

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.1	16.0	24.0

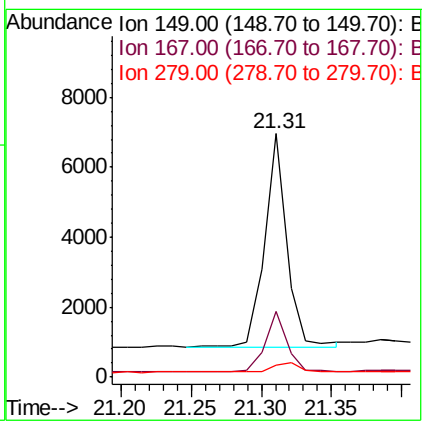


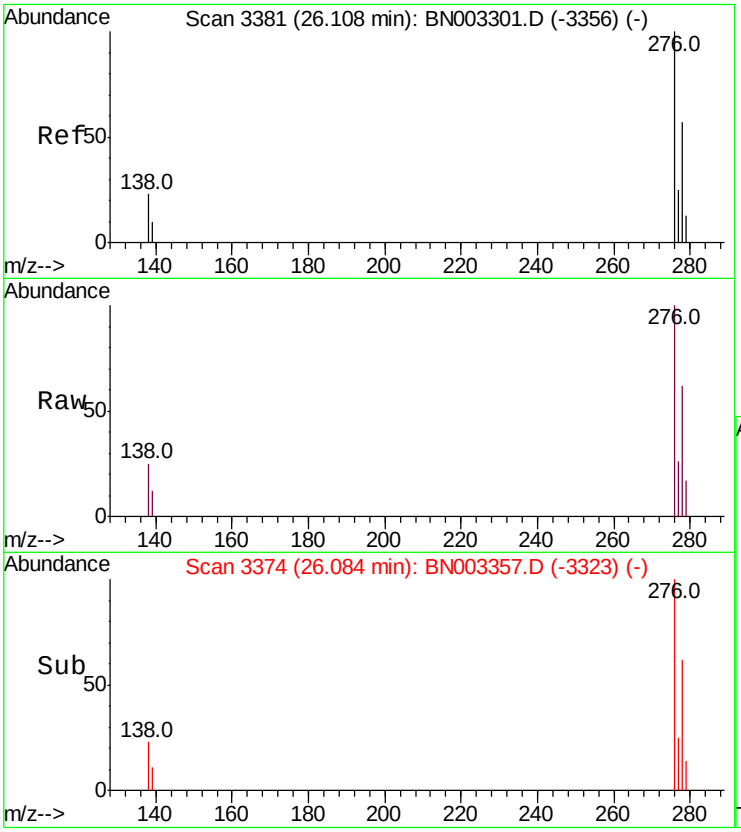


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:149 Resp: 6732

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	5.3	3.9	5.9



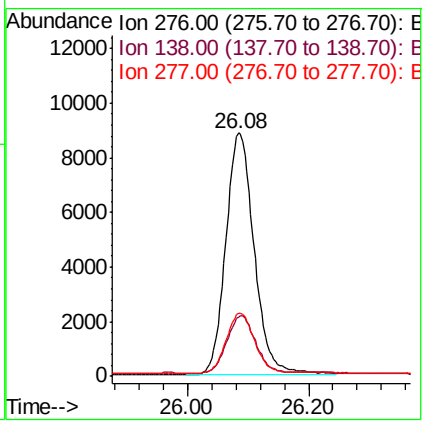


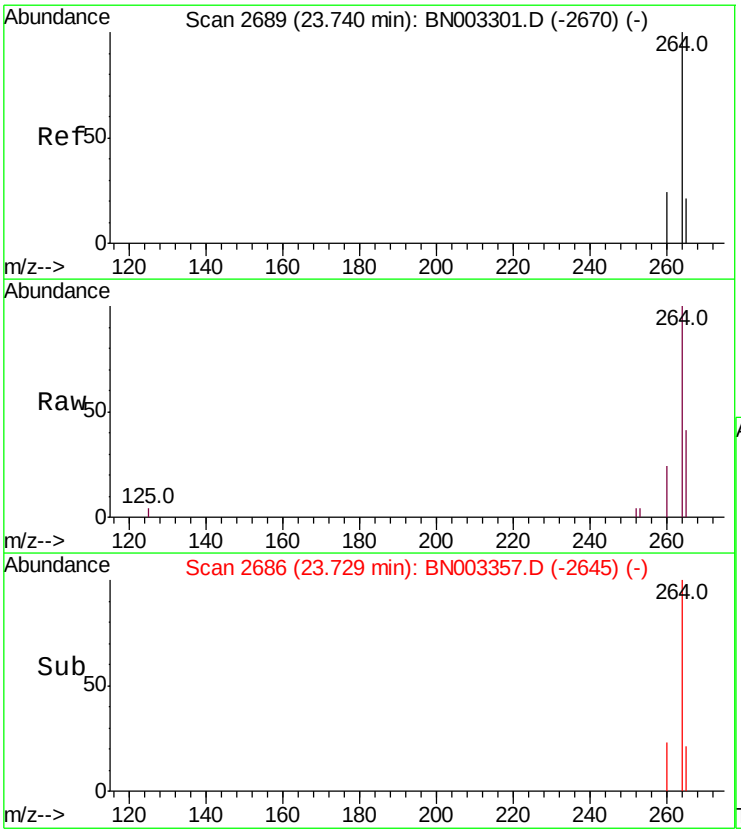
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng
RT: 26.08 min Scan# 3374
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 29059

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.6	30.8
277	24.7	20.0	30.0

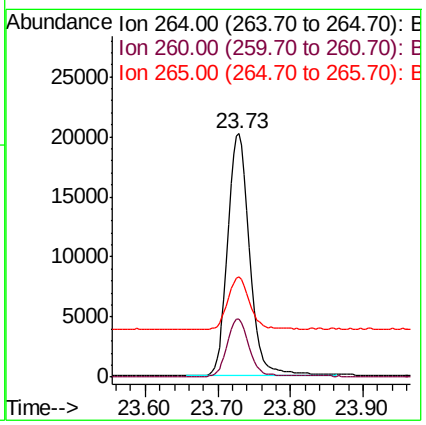


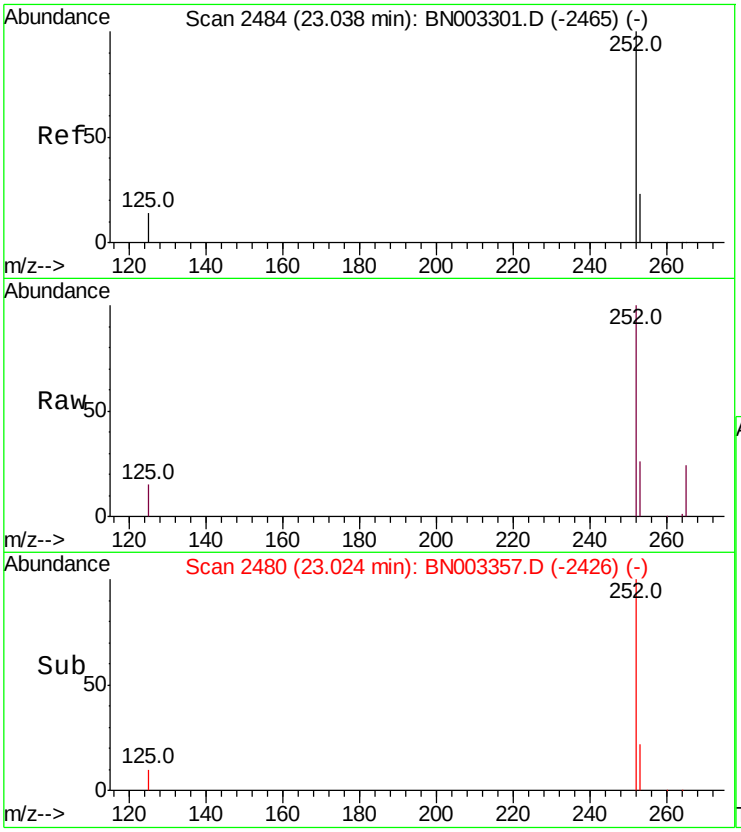


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:264 Resp: 42113

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	41.1	26.4	39.6#



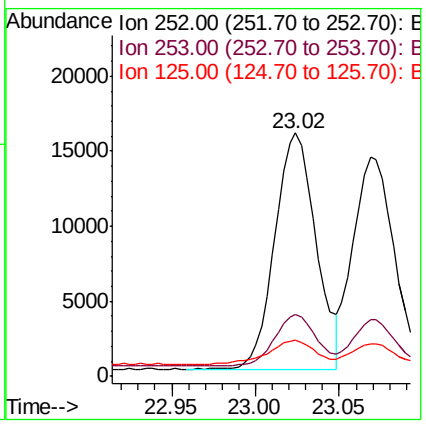


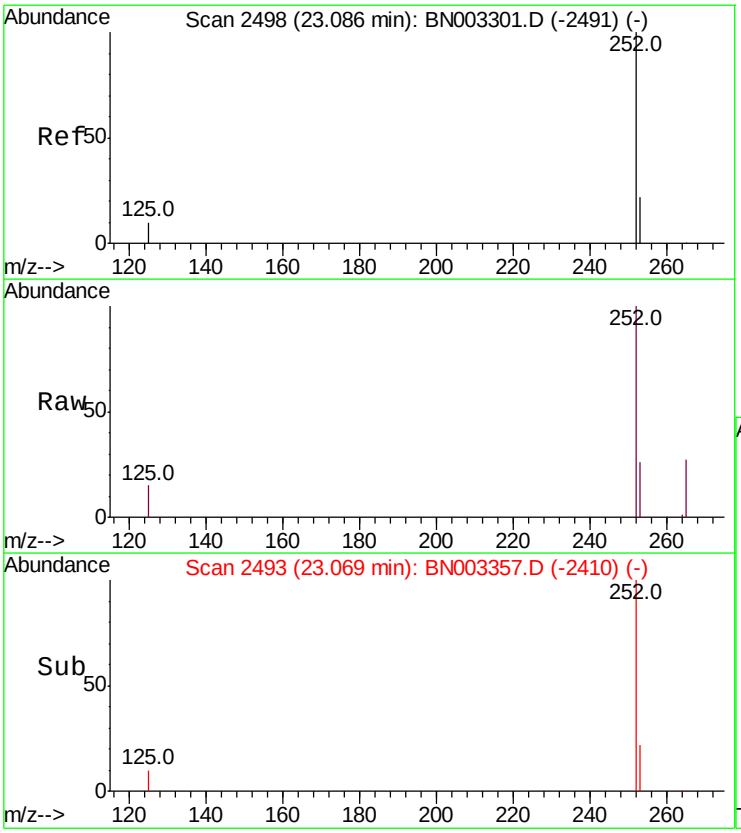
#35
Benzo(b)fluoranthene
Concen: 0.204 ng
RT: 23.02 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 26838

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.3	28.9
125	14.9	12.7	19.1

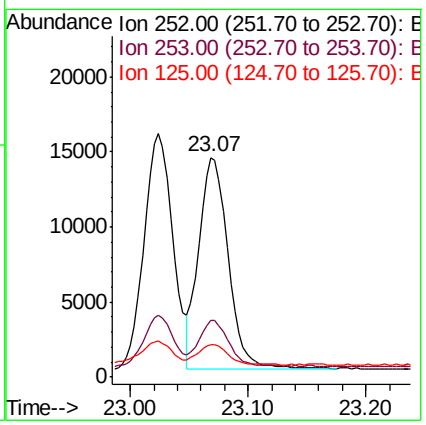


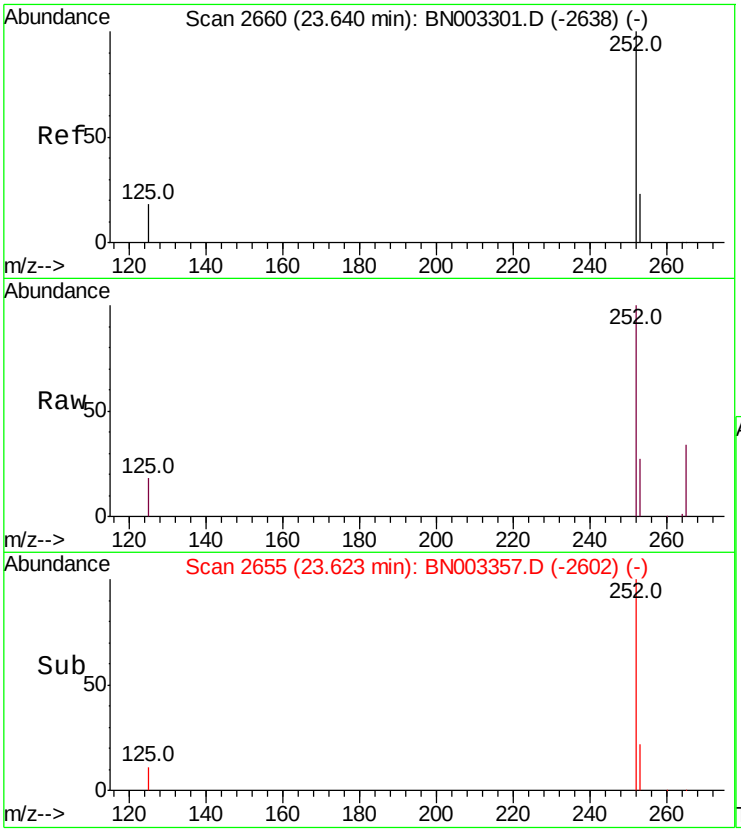


#36
Benzo(k)fluoranthene
Concen: 0.189 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:252 Resp: 24587

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.5	27.7
125	15.0	9.1	13.7#



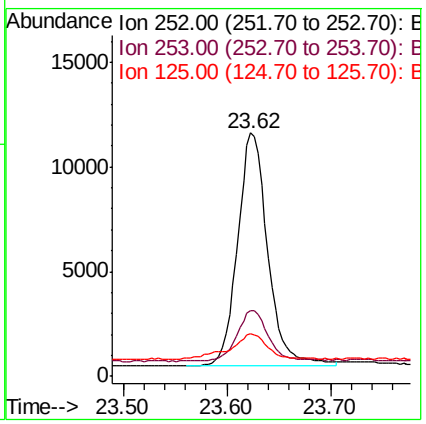


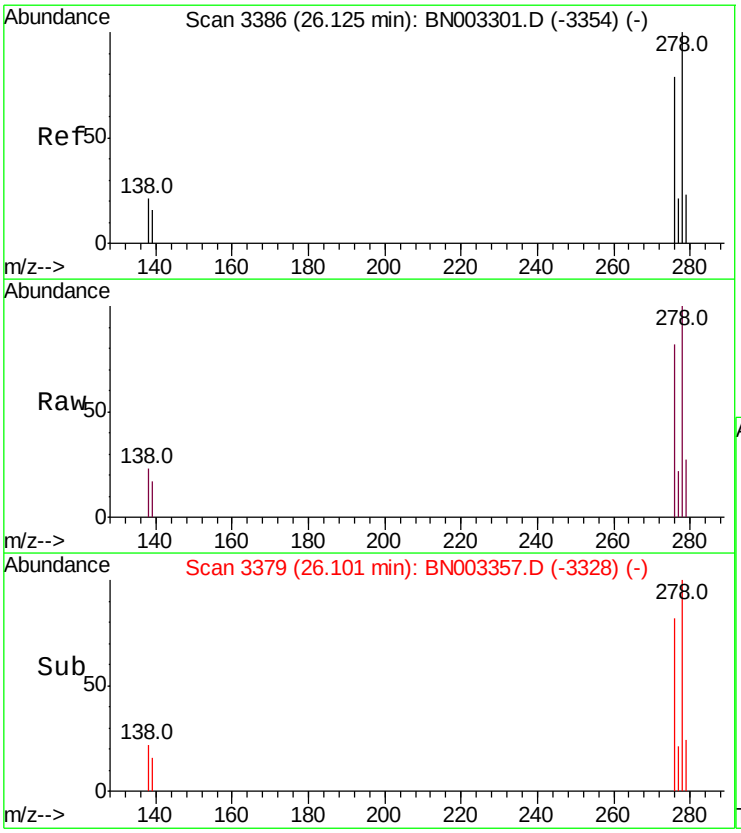
#37
Benzo(a)pyrene
Concen: 0.187 ng
RT: 23.62 min Scan# 2655
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 22380

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.1	30.1
125	17.6	16.0	24.0

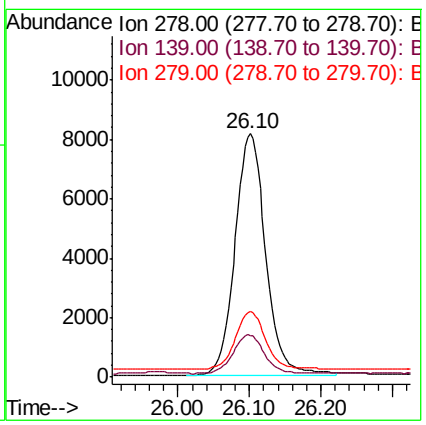


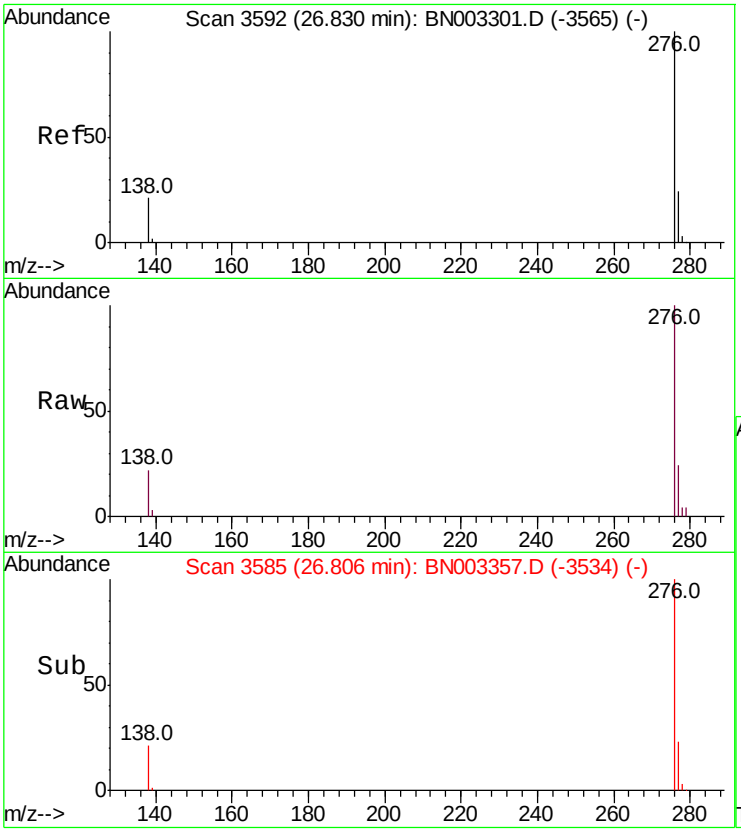


#38
Dibenzo(a,h)anthracene
Concen: 0.217 ng
RT: 26.10 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Tgt Ion:278 Resp: 24145

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.5	20.3
279	26.8	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.237 ng
RT: 26.81 min Scan# 3585
Delta R.T. -0.02 min
Lab File: BN003357.D
Acq: 30 Oct 2018 13:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 26410

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	22.2	17.4	26.2