Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
Data File : BN003360.D
Acq On : 30 Oct 2018 16:15
Operator : MJ/SJ
Sample : J5692-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 30 18:14:49 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	17574	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	73934	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	43382	0.40	ng		-0.01
19) Phenanthrene-d10	17.23	188	89736	0.40	ng		-0.01
27) Chrysene-d12	21.42	240	68911	0.40	ng		0.00
34) Perylene-d12	23.73	264	62722	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	6035	0.14	ng		0.00
5) Phenol-d6	7.01	99	4508	0.08	ng		0.00
8) Nitrobenzene-d5	9.01	82	13225	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.24	152	35978	0.30	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	4959	0.29	ng		-0.01
15) 2-Fluorobiphenyl	13.11	172	60943	0.33	ng		-0.02
25) Fluoranthene-d10	19.26	212	66133	0.25	ng		-0.01
29) Terphenyl-d14	19.86	244	67200	0.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	7677	0.337	ng	#	83
3) n-Nitrosodimethylamine	3.67	42	1540	0.147	ng	#	85
6) bis(2-Chloroethyl)ether	7.28	93	16546	0.337	ng		98
9) Naphthalene	10.71	128	62796	0.347	ng		100
10) Hexachlorobutadiene	10.97	225	9839	0.298	ng	#	99
12) 2-Methylnaphthalene	12.31	142	44560	0.353	ng		97
16) Acenaphthylene	14.21	152	57389	0.297	ng		100
17) Acenaphthene	14.56	154	42220	0.315	ng		98
18) Fluorene	15.54	166	51360	0.306	ng		100
20) 4-Bromophenyl-phenylether	16.42	248	16598	0.319	ng	#	75
21) Hexachlorobenzene	16.53	284	17280	0.315	ng		99
22) Pentachlorophenol	16.88	266	10247	0.690	ng		97
23) Phenanthrene	17.27	178	81002	0.329	ng		100
24) Anthracene	17.37	178	67708	0.321	ng		99
26) Fluoranthene	19.29	202	79112	0.280	ng		100
28) Pyrene	19.65	202	78241	0.411	ng		99
30) Benzo(a)anthracene	21.40	228	63436	0.351	ng		98
31) Chrysene	21.45	228	64391	0.331	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	21850	0.409	ng		100
33) Indeno(1,2,3-cd)pyrene	26.09	276	69711	0.346	ng		99
35) Benzo(b)fluoranthene	23.03	252	67847	0.347	ng	#	96
36) Benzo(k)fluoranthene	23.08	252	62390	0.322	ng		99
37) Benzo(a)pyrene	23.63	252	60264	0.338	ng	#	94
38) Dibenzo(a,h)anthracene	26.11	278	58432	0.352	ng		100
39) Benzo(g,h,i)perylene	26.81	276	60204	0.363	ng		100

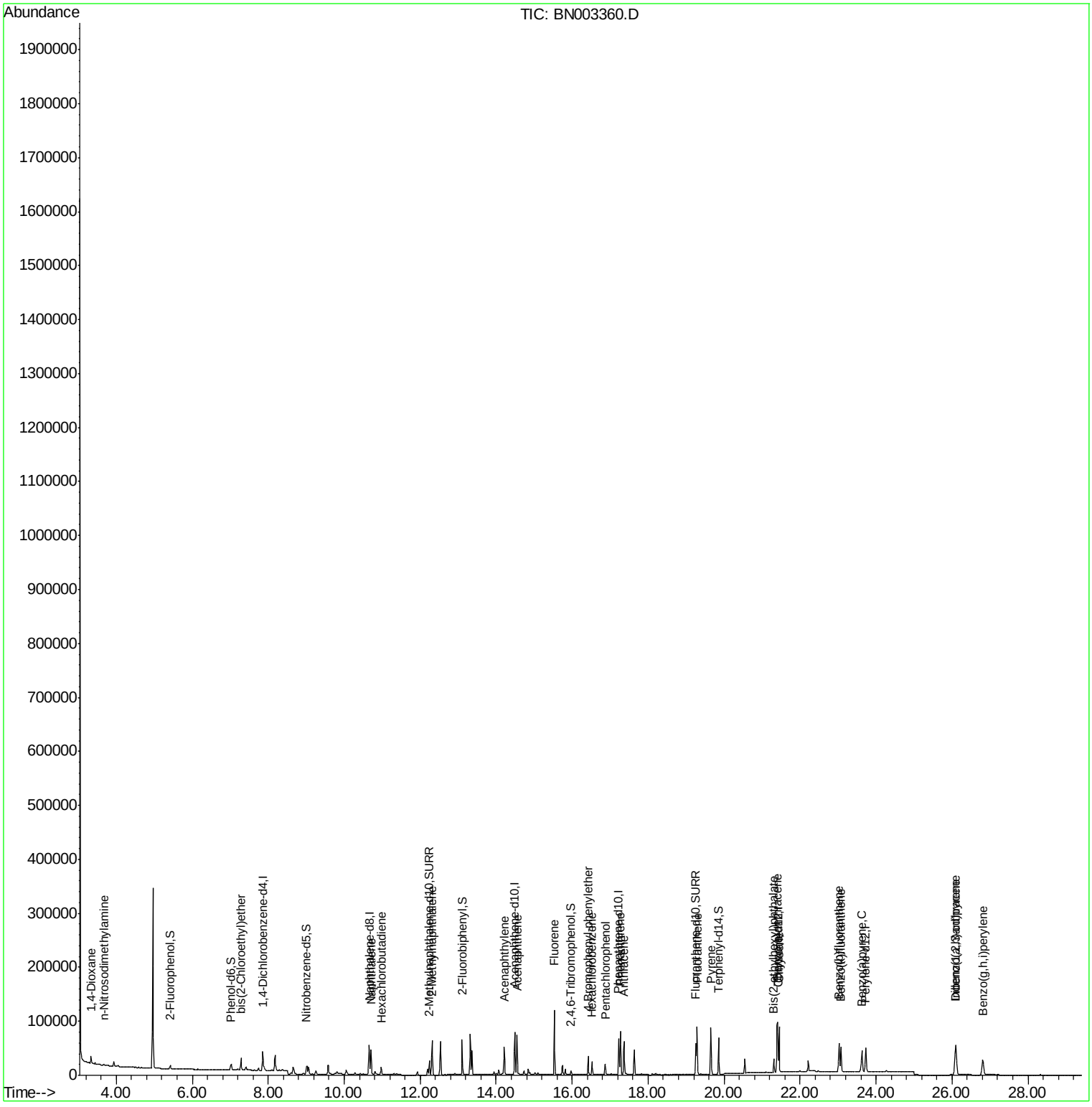
(#) = qualifier out of range (m) = manual integration (+) = signals summed

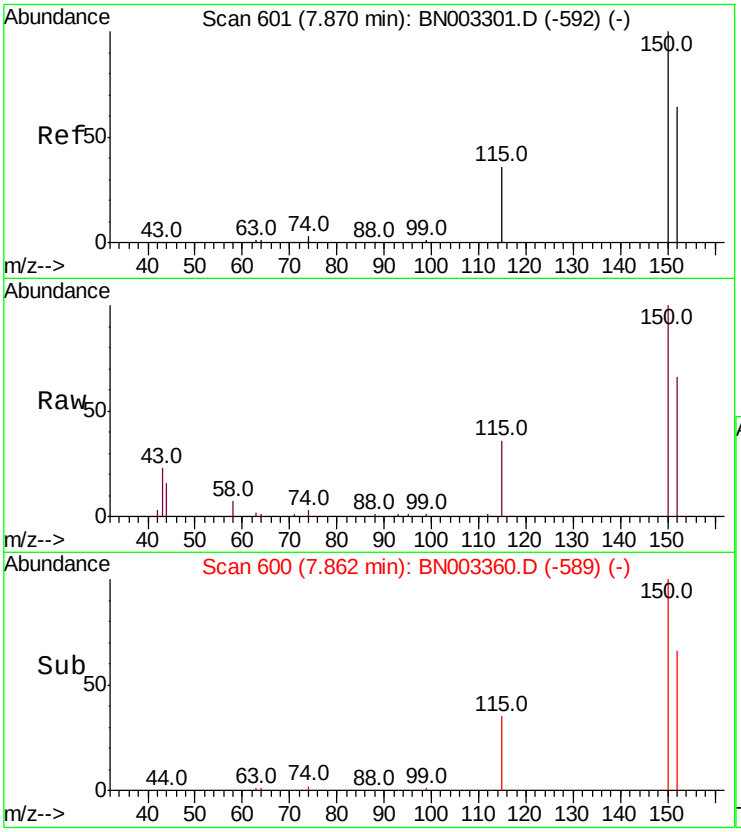
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
Data File : BN003360.D
Acq On : 30 Oct 2018 16:15
Operator : MJ/SJ
Sample : J5692-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 30 18:14:49 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



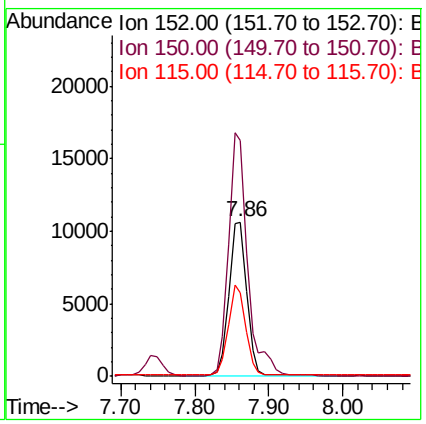


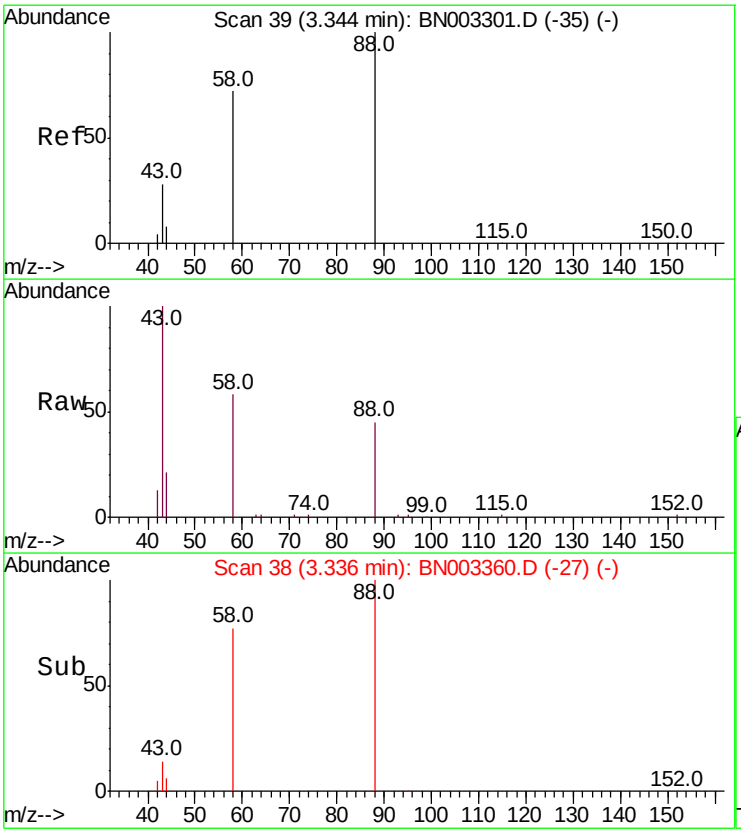
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 17574

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	187.0
115	54.5	46.4	69.6

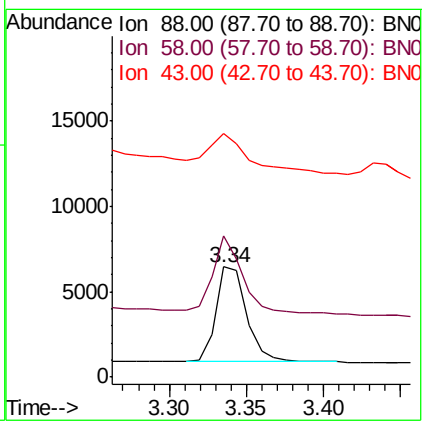


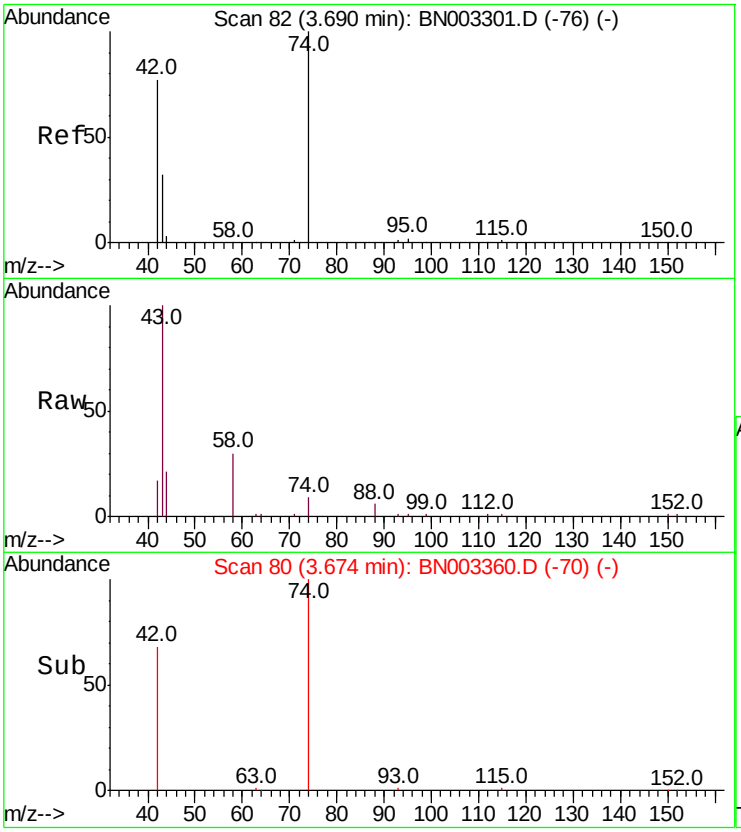


#2
1,4-Dioxane
Concen: 0.337 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion: 88 Resp: 7677

Ion	Ratio	Lower	Upper
88	100		
58	79.9	60.9	91.3
43	56.6	23.9	35.9#



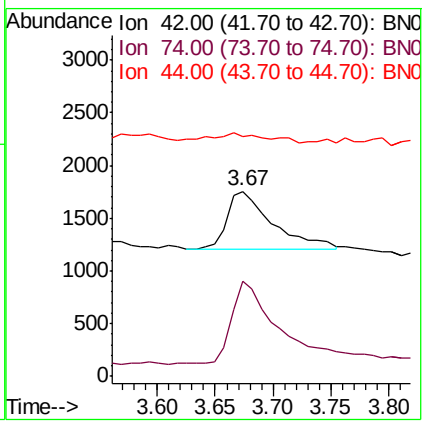


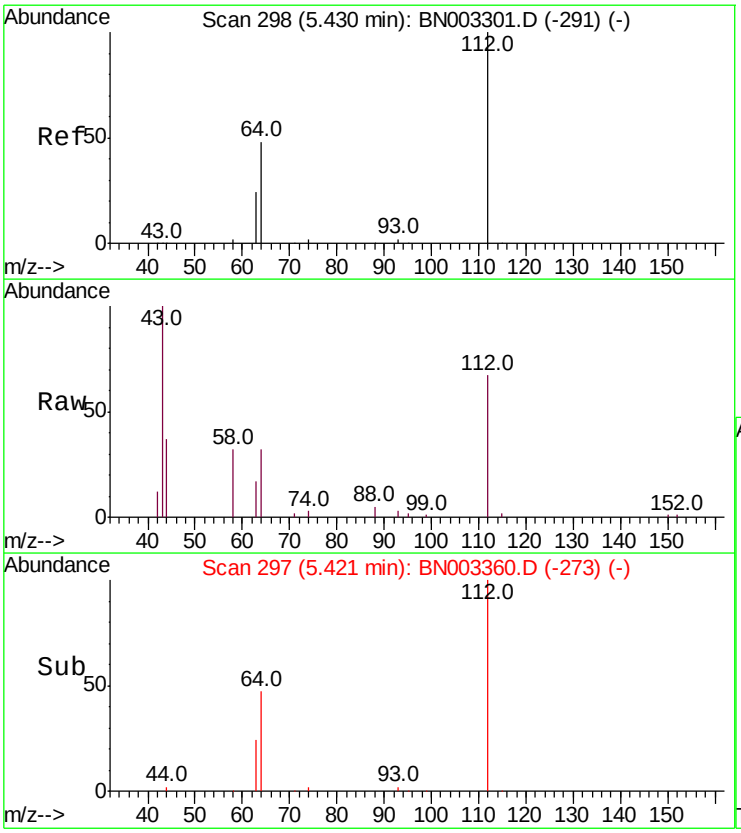
#3
n-Nitrosodimethylamine
Concen: 0.147 ng
RT: 3.67 min Scan# 80
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1540

Ion	Ratio	Lower	Upper
42	100		
74	140.1	99.1	148.7
44	17.7	4.2	6.4#

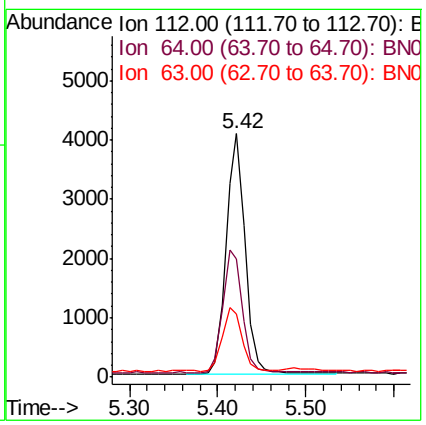


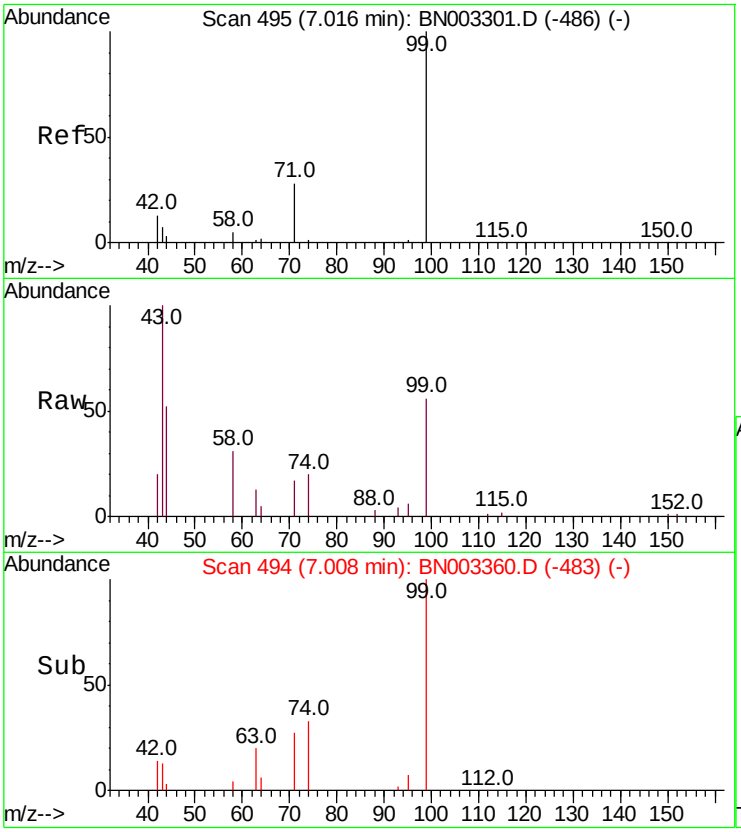


#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:112 Resp: 6035

Ion	Ratio	Lower	Upper
112	100		
64	52.4	44.3	66.5
63	26.9	22.4	33.6



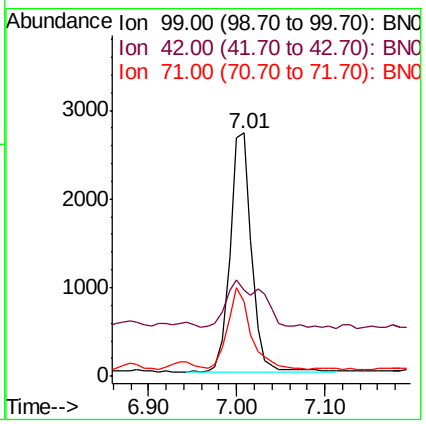


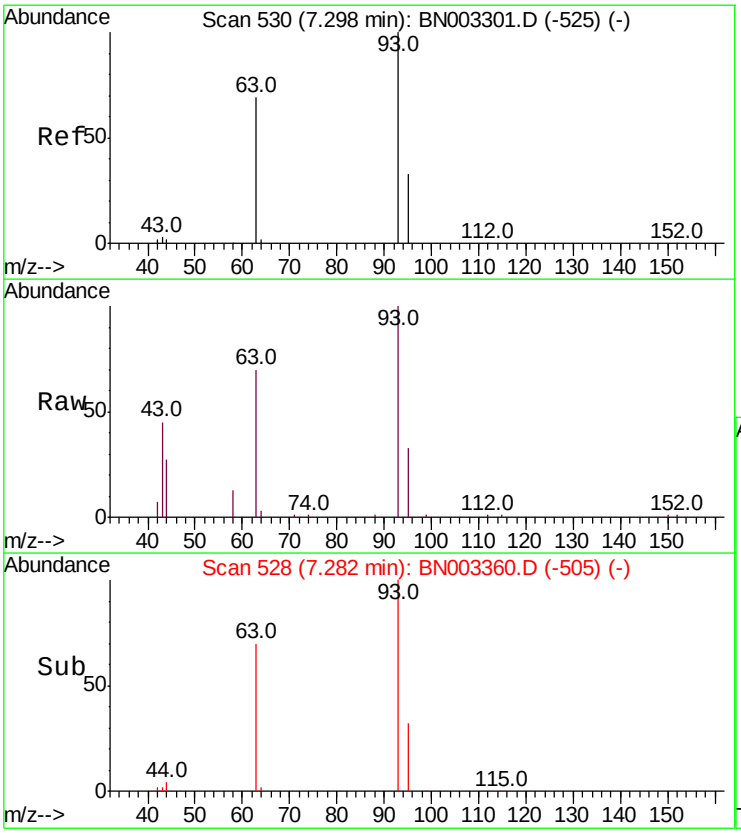
#5
Phenol-d6
Concen: 0.082 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4508

Ion	Ratio	Lower	Upper
99	100		
42	36.1	14.8	22.2#
71	36.9	24.8	37.2

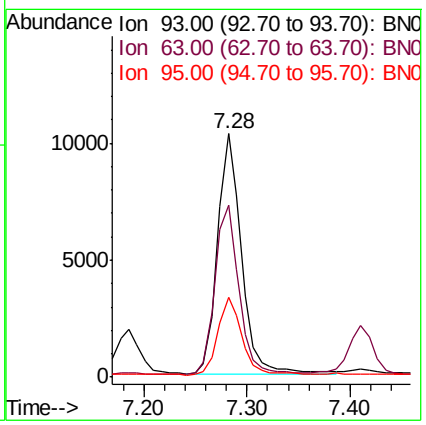


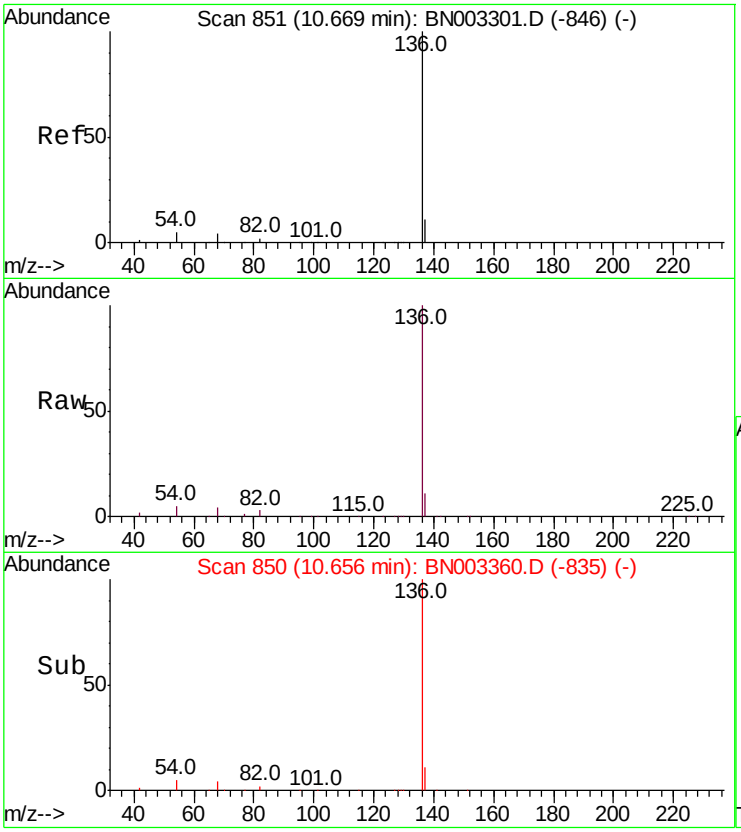


#6
bis(2-Chloroethyl)ether
Concen: 0.337 ng
RT: 7.28 min Scan# 528
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion: 93 Resp: 16546

Ion	Ratio	Lower	Upper
93	100		
63	71.3	55.8	83.6
95	32.1	25.4	38.2



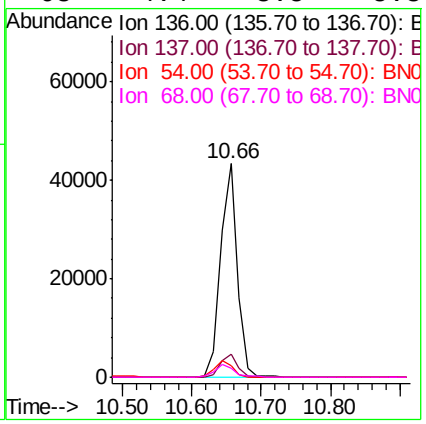


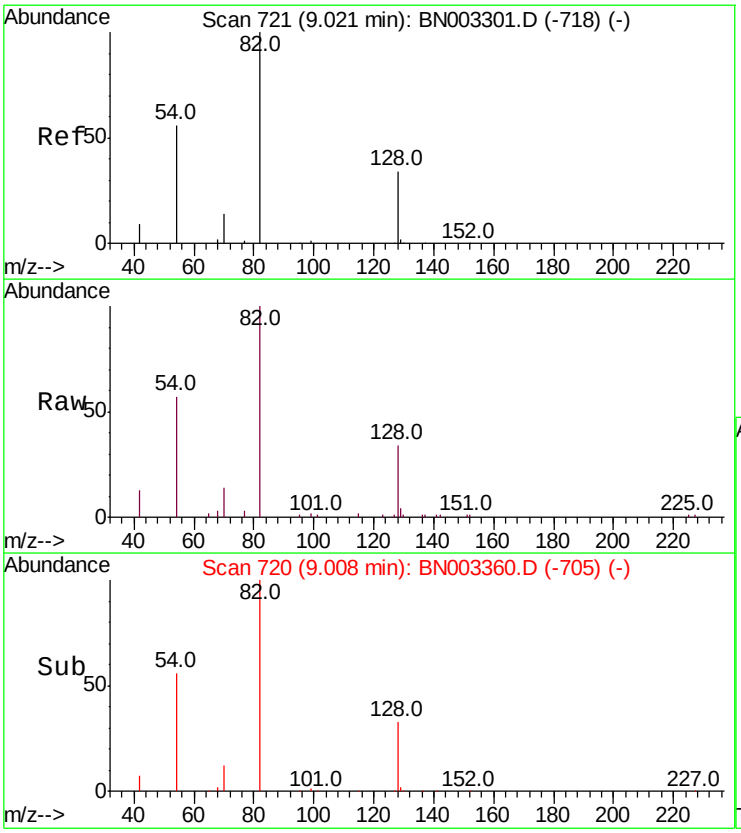
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 73934

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.2	4.1	6.1
68	4.4	3.5	5.3

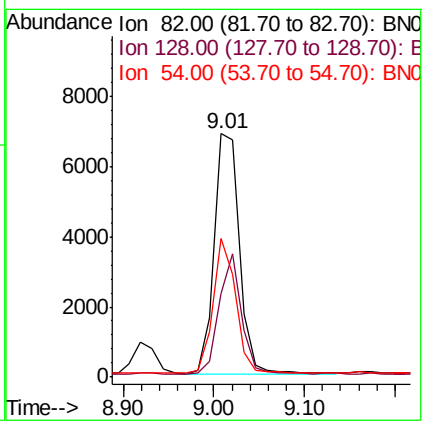


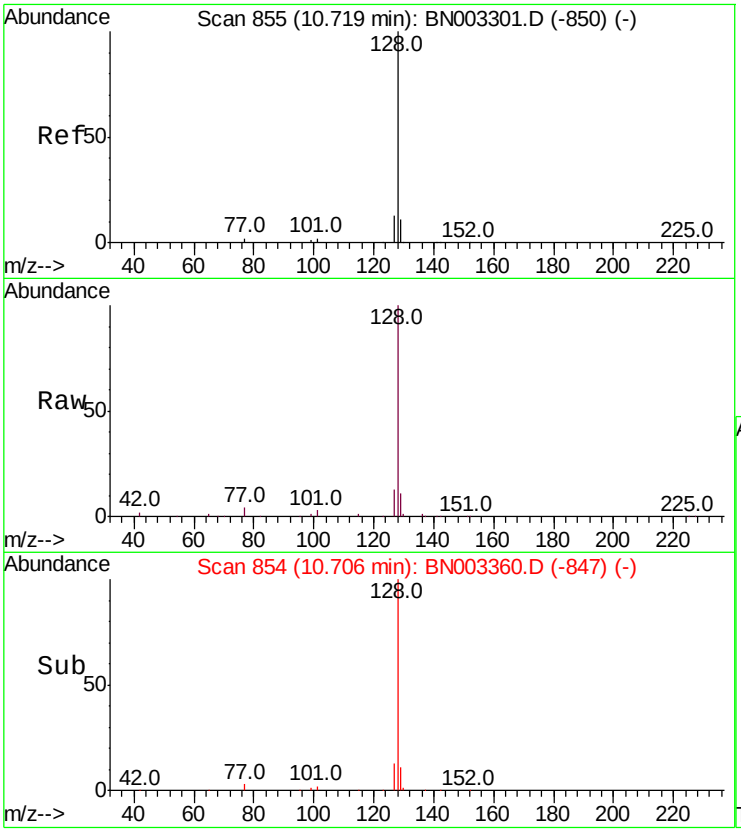


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.01 min Scan# 720
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion: 82 Resp: 13225

Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.9	43.3
54	57.2	46.1	69.1



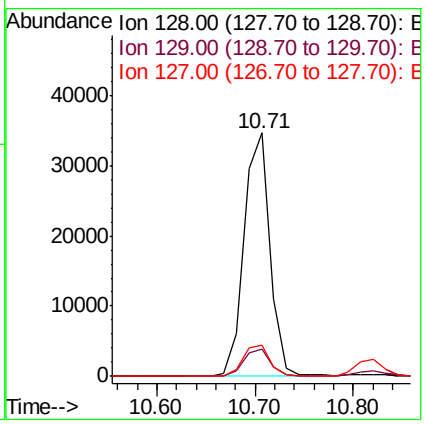


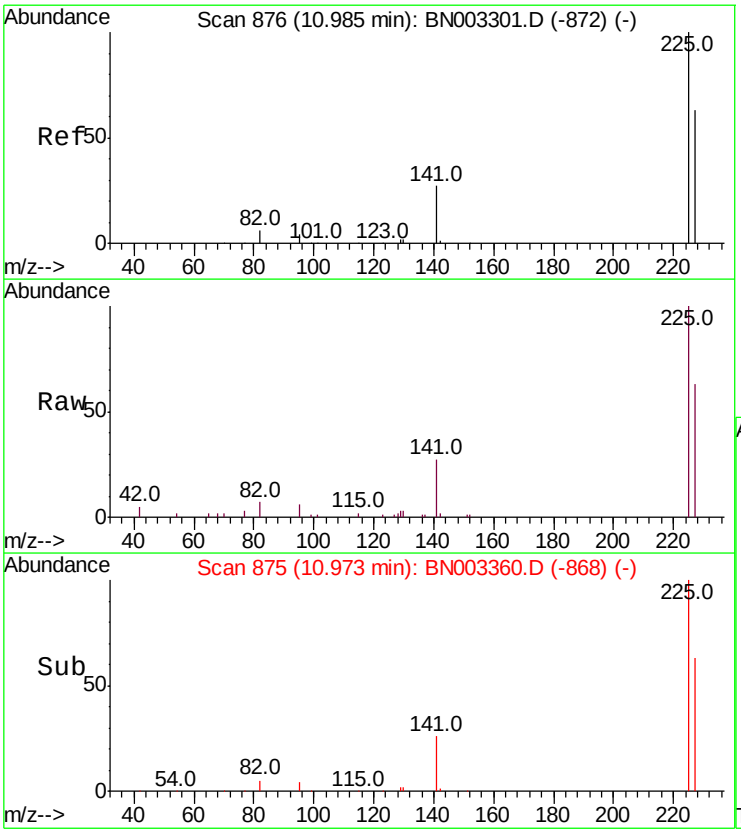
#9
Naphthalene
Concen: 0.347 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 62796

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.8	10.2	15.4

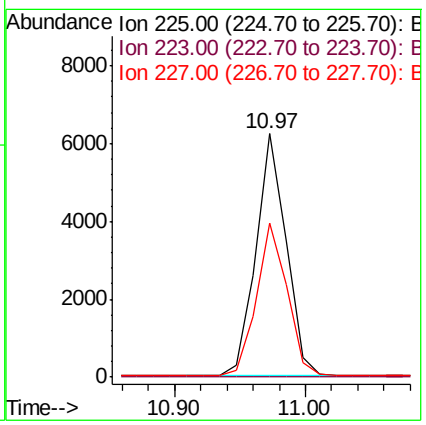


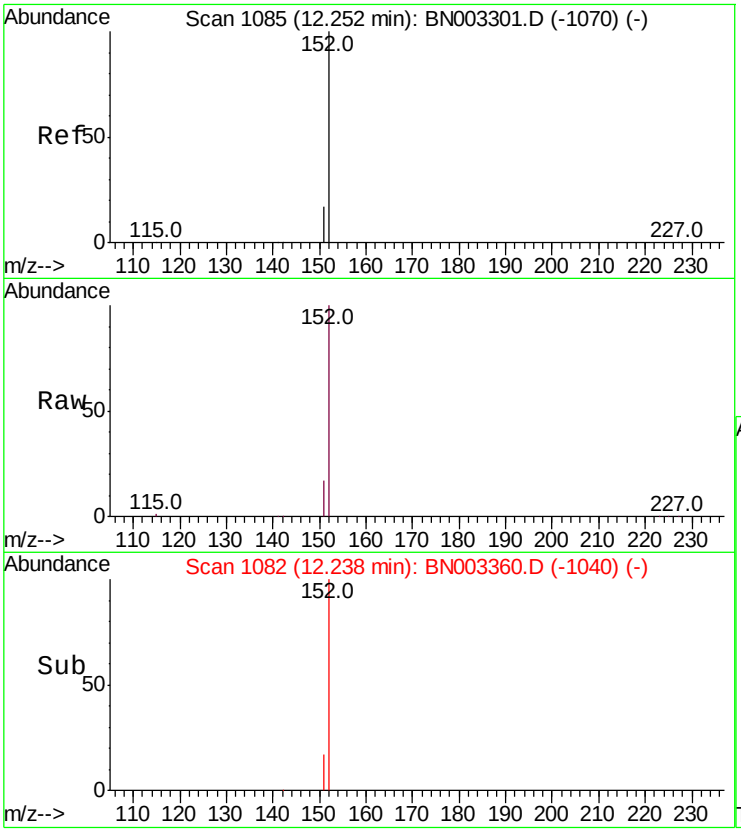


#10
Hexachlorobutadiene
Concen: 0.298 ng
RT: 10.97 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:225 Resp: 9839

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



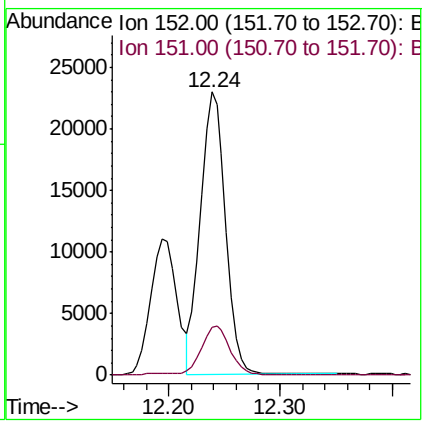


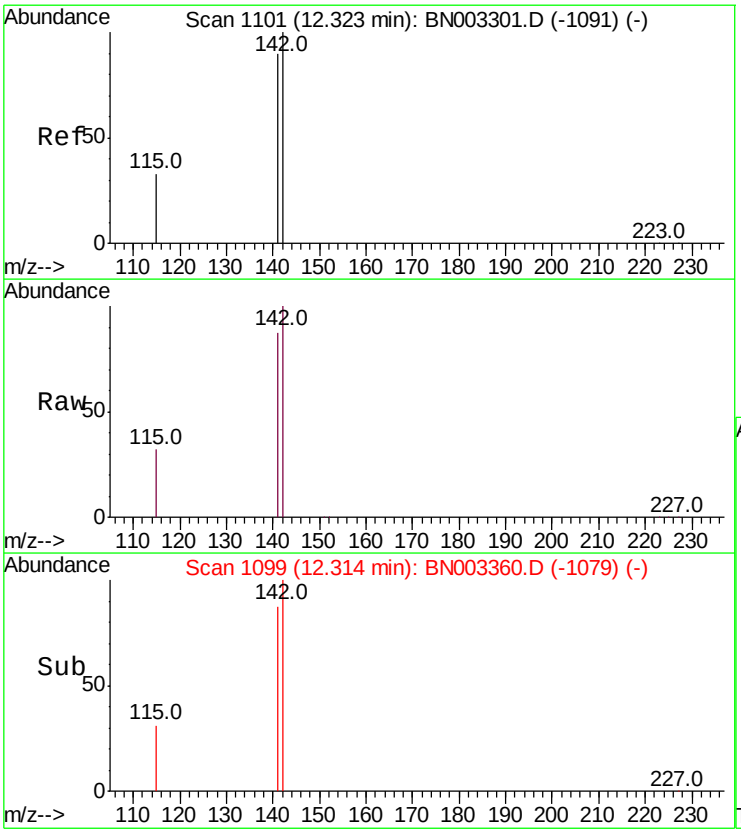
#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.24 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 35978

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

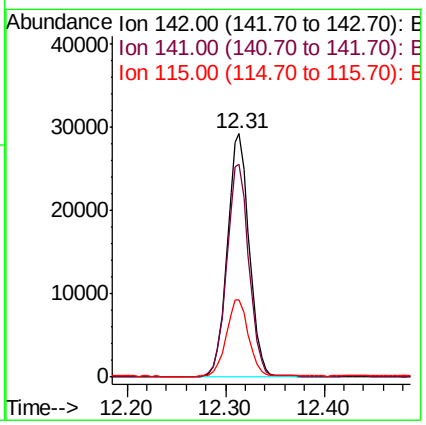


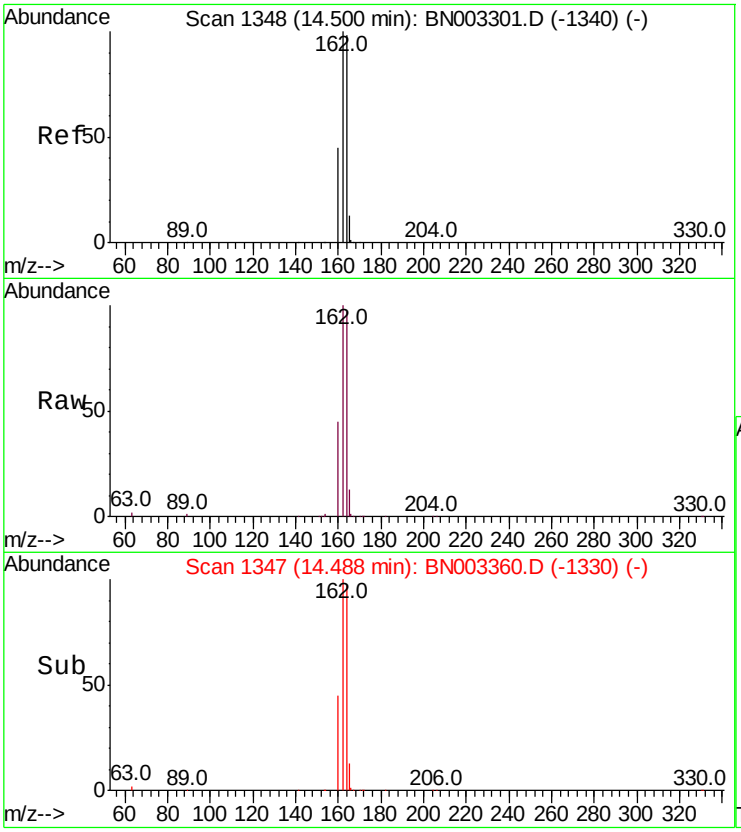


#12
2-Methylnaphthalene
Concen: 0.353 ng
RT: 12.31 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:142 Resp: 44560

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.9	107.9
115	31.6	27.0	40.6



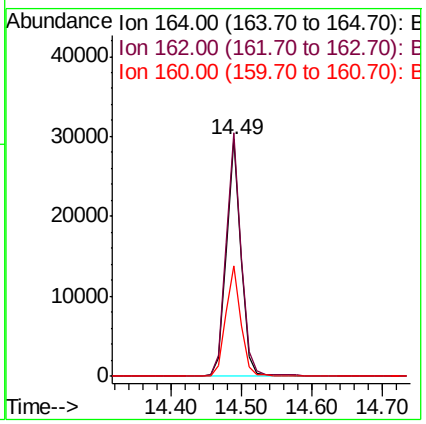


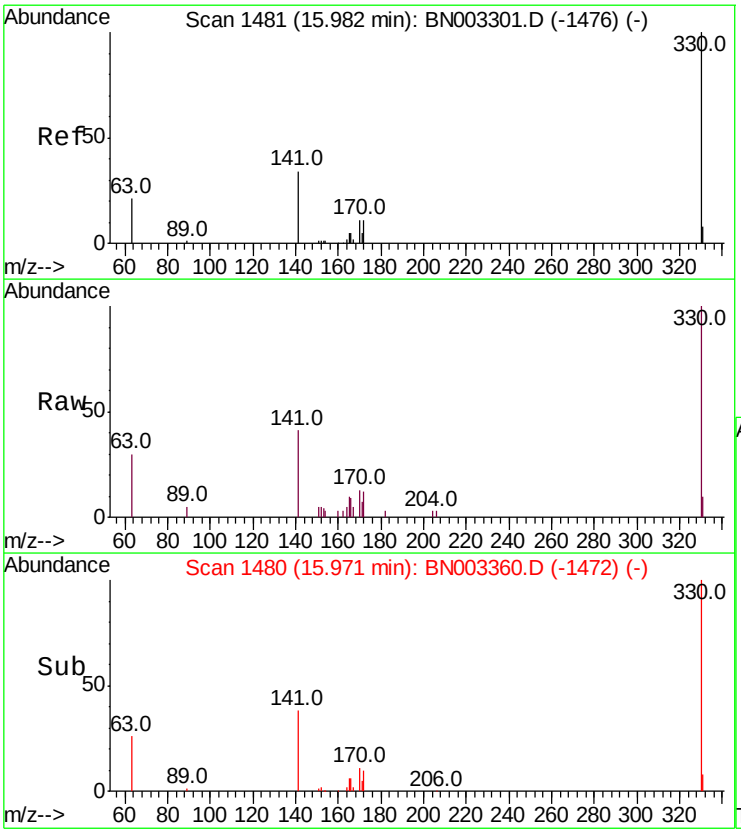
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 43382

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	46.4	37.2	55.8

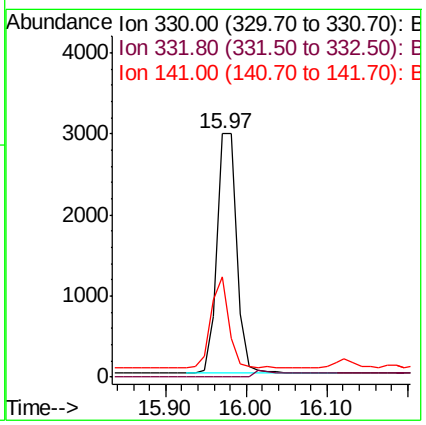


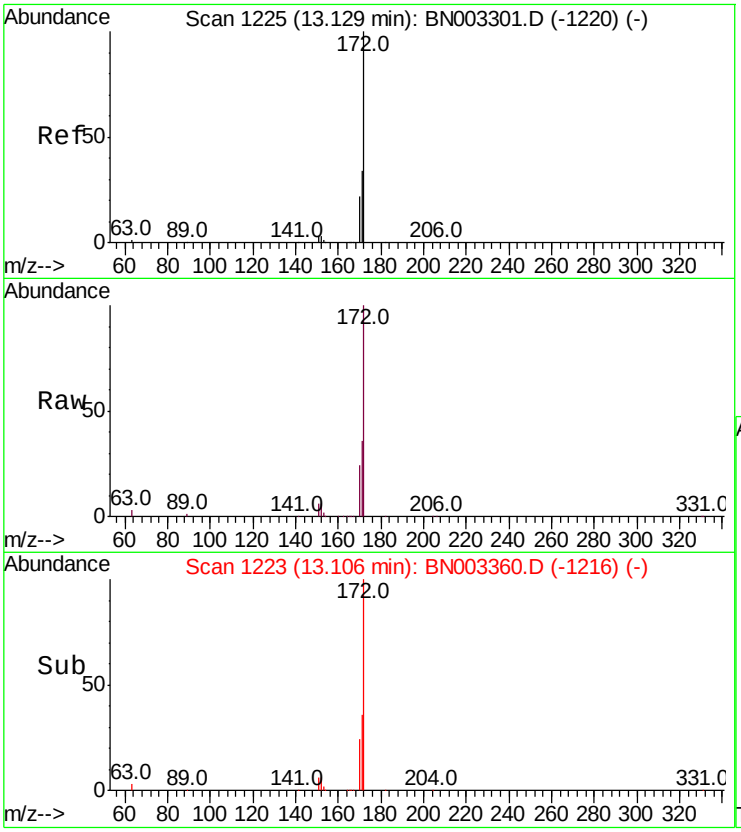


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.97 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:330 Resp: 4959

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.6	28.3	42.5



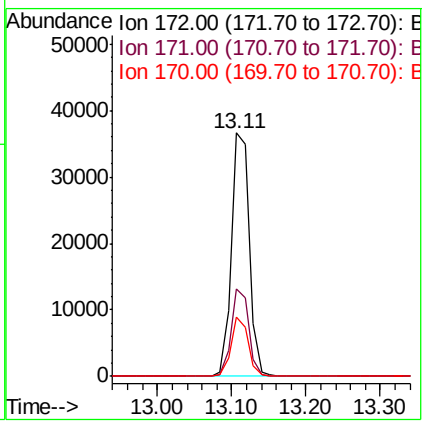


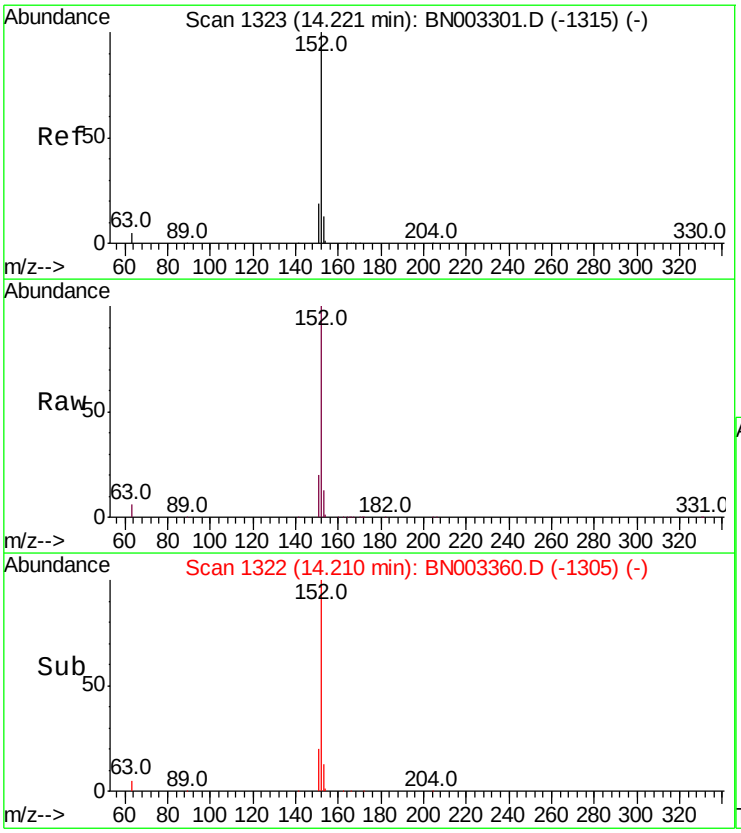
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.11 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 60943

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.1	40.7
170	24.2	17.4	26.0

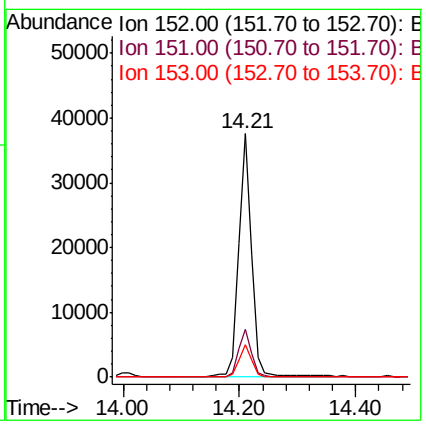


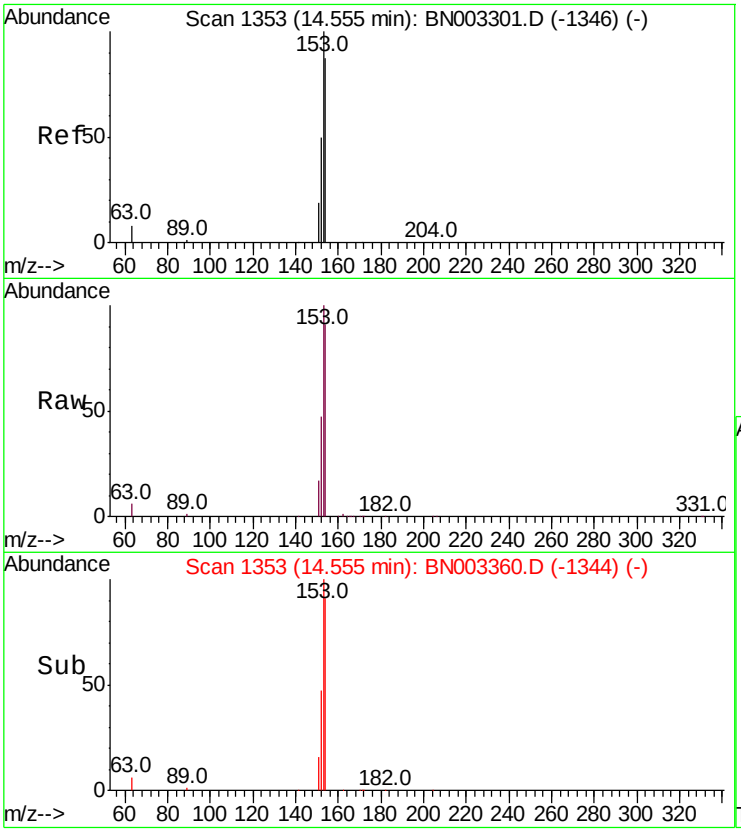


#16
Acenaphthylene
Concen: 0.297 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:152 Resp: 57389

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.6	15.8



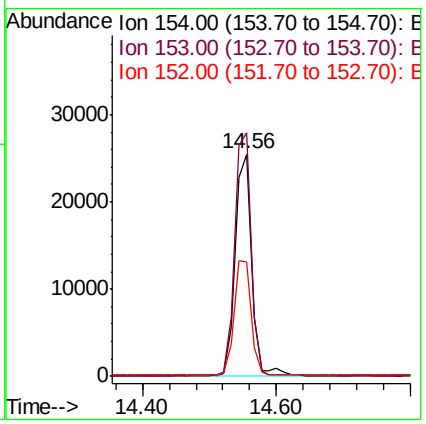


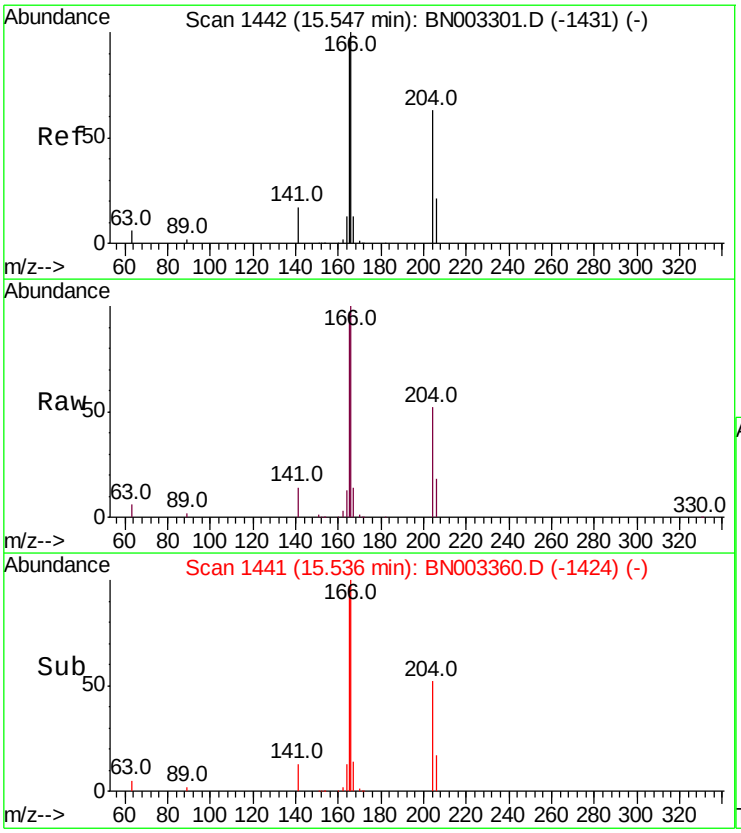
#17
Acenaphthene
Concen: 0.315 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 42220

Ion	Ratio	Lower	Upper
154	100		
153	109.1	88.9	133.3
152	53.3	43.5	65.3

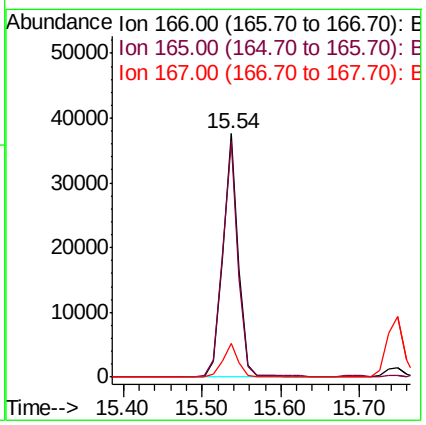


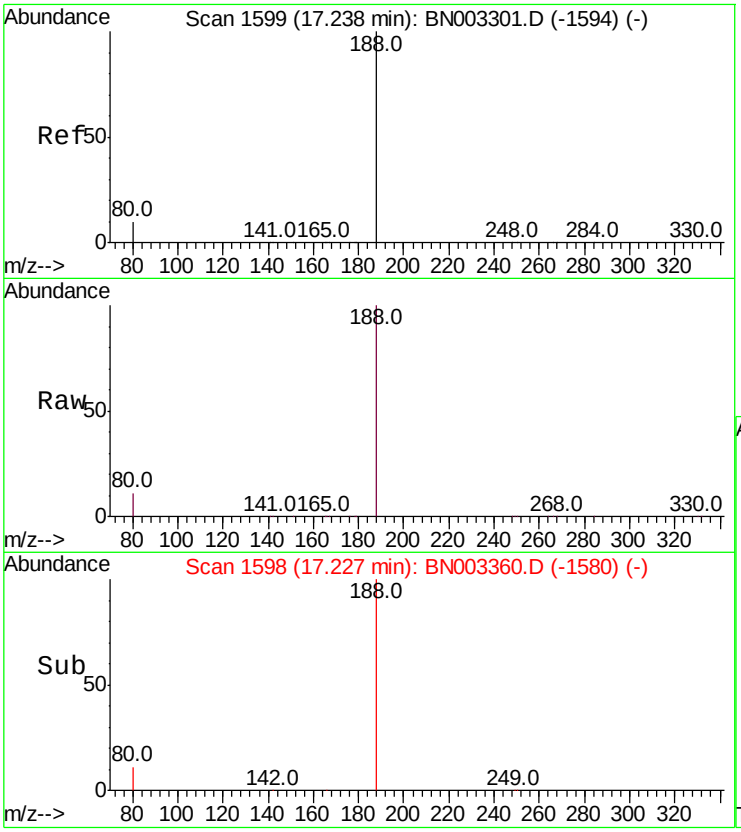


#18
Fluorene
Concen: 0.306 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:166 Resp: 51360

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.8	10.9	16.3



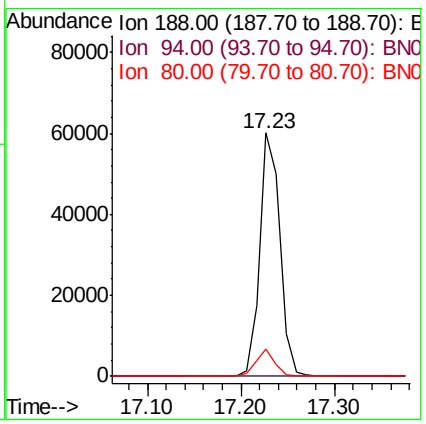


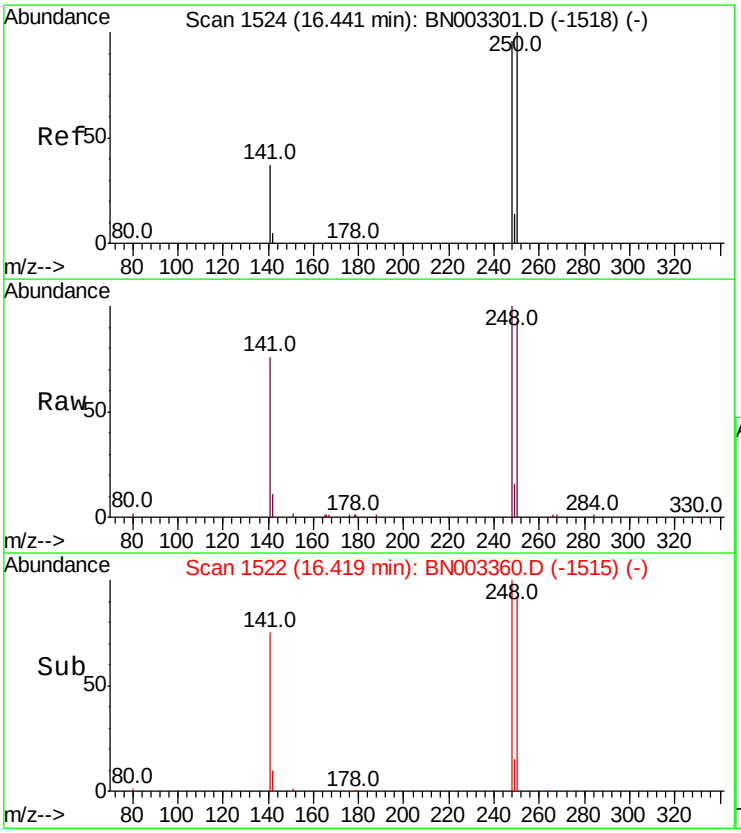
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 89736

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.6	12.8

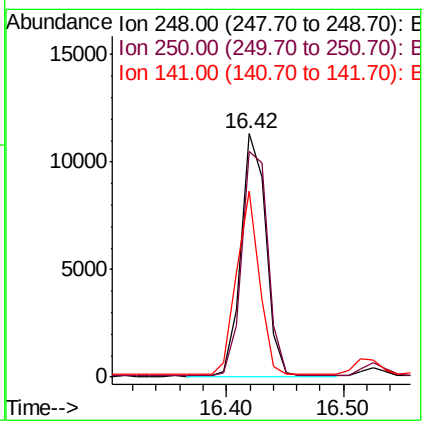


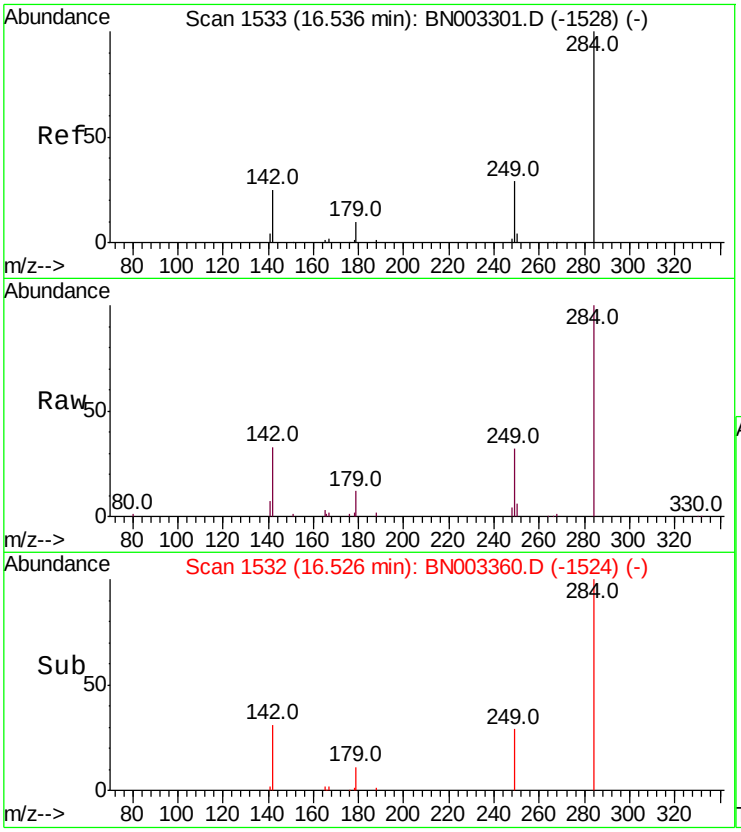


#20
4-Bromophenyl-phenylether
Concen: 0.319 ng
RT: 16.42 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:248 Resp: 16598

Ion	Ratio	Lower	Upper
248	100		
250	92.6	83.7	125.5
141	76.1	31.4	47.0#



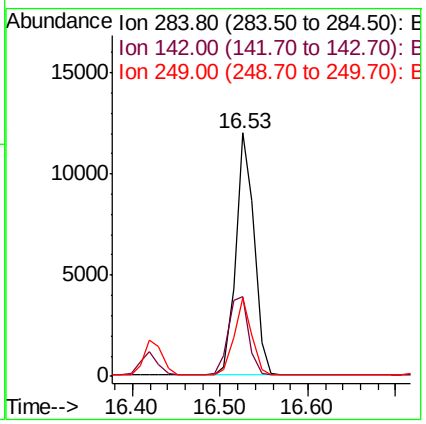


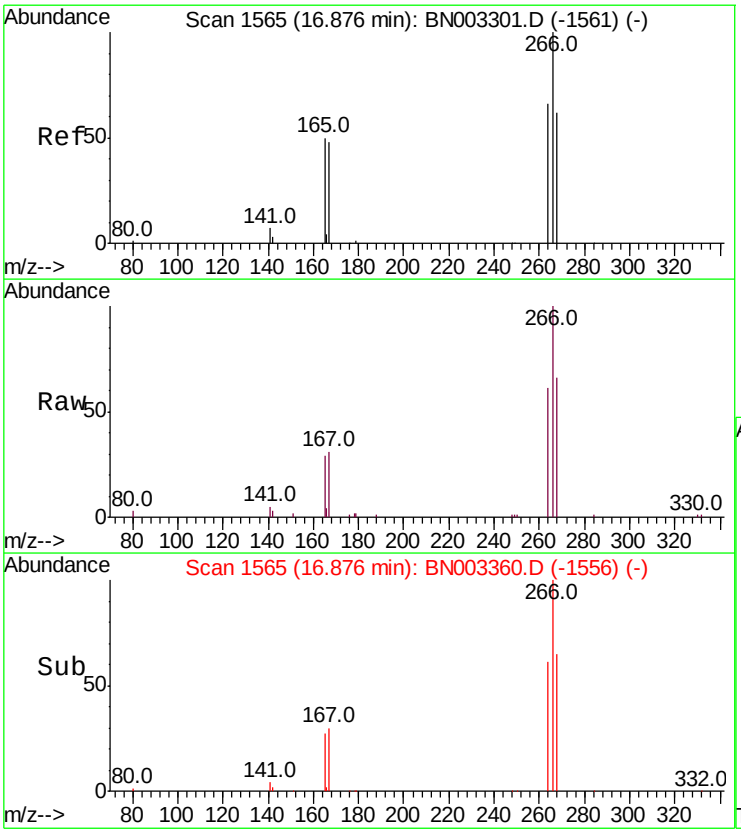
#21
Hexachlorobenzene
Concen: 0.315 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 17280

Ion	Ratio	Lower	Upper
284	100		
142	35.7	29.7	44.5
249	29.9	24.0	36.0

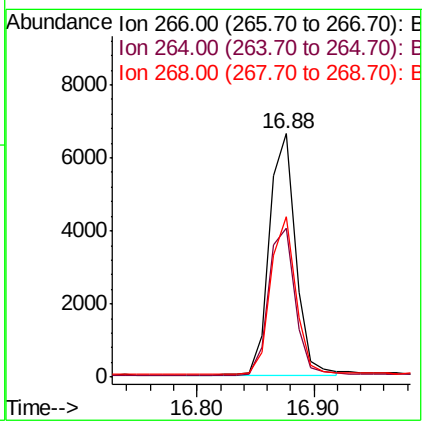


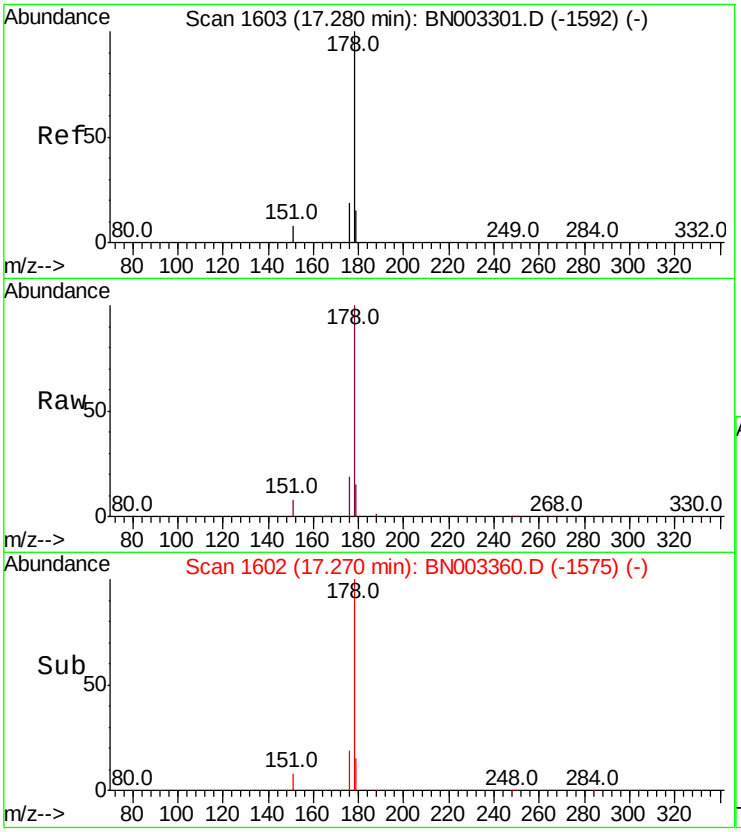


#22
Pentachlorophenol
Concen: 0.690 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:266 Resp: 10247

Ion	Ratio	Lower	Upper
266	100		
264	61.2	52.1	78.1
268	65.6	51.8	77.6



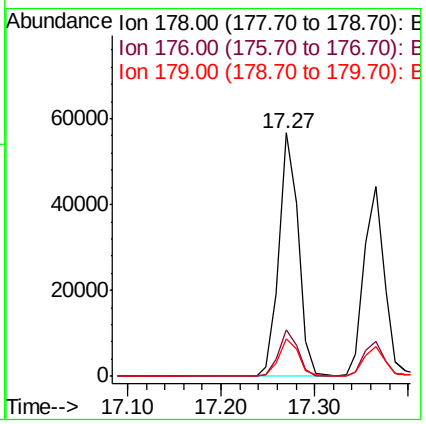


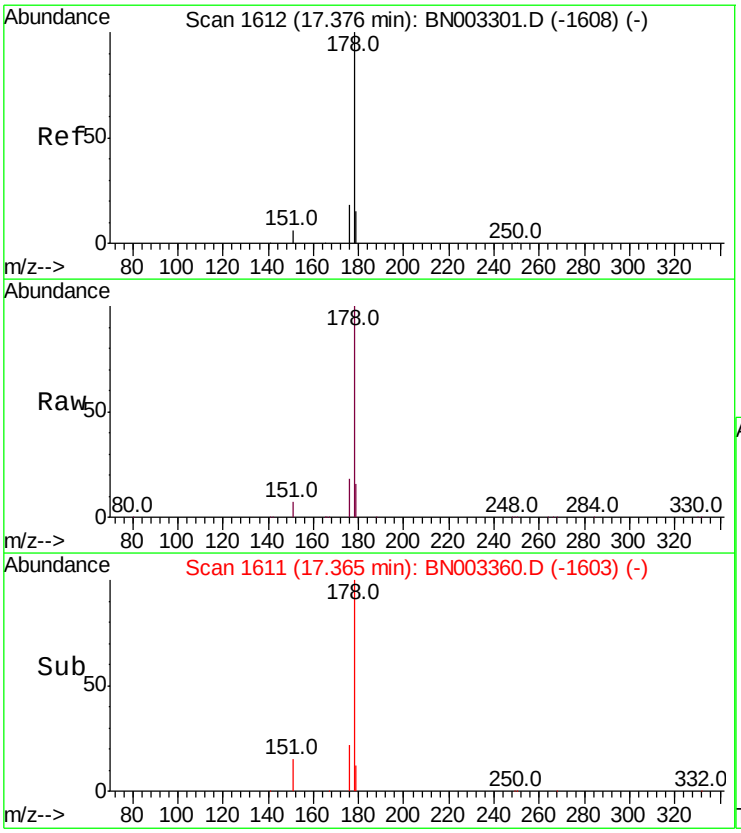
#23
Phenanthrene
Concen: 0.329 ng
RT: 17.27 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 81002

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	12.4	18.6

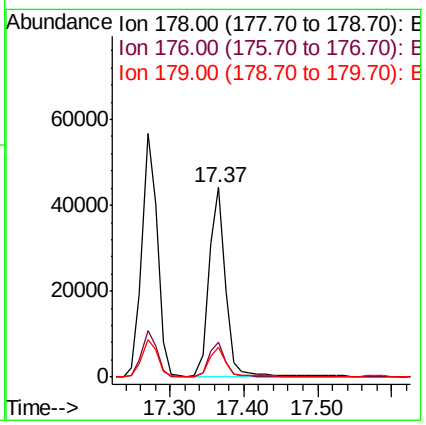


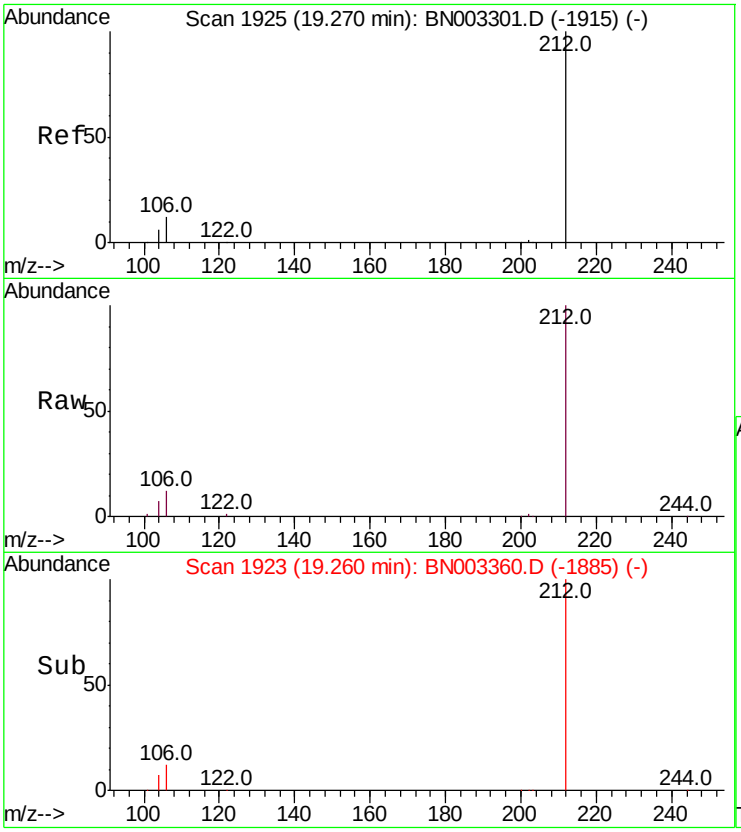


#24
Anthracene
Concen: 0.321 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:178 Resp: 67708

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.0	12.2	18.4



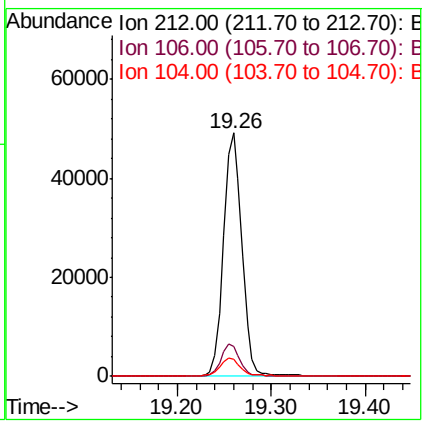


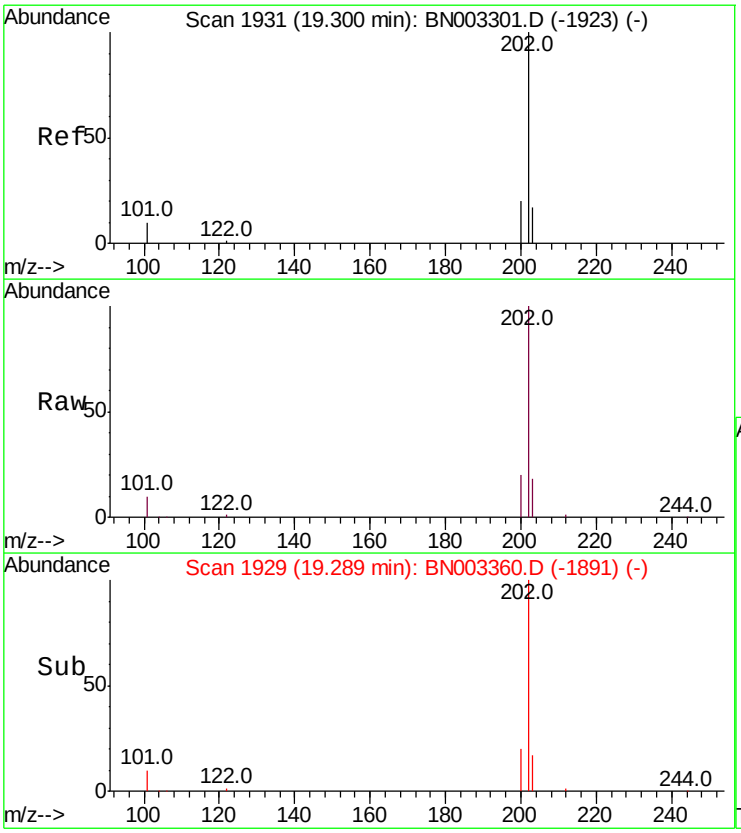
#25
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 66133

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.3	15.5
104	7.2	5.6	8.4

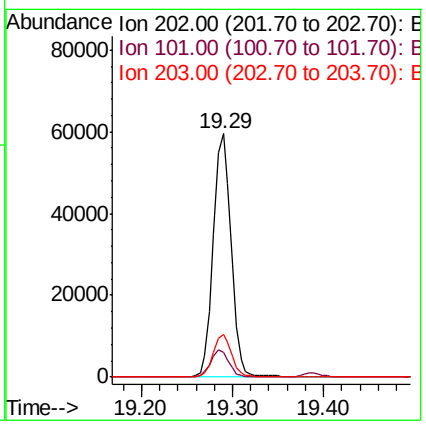


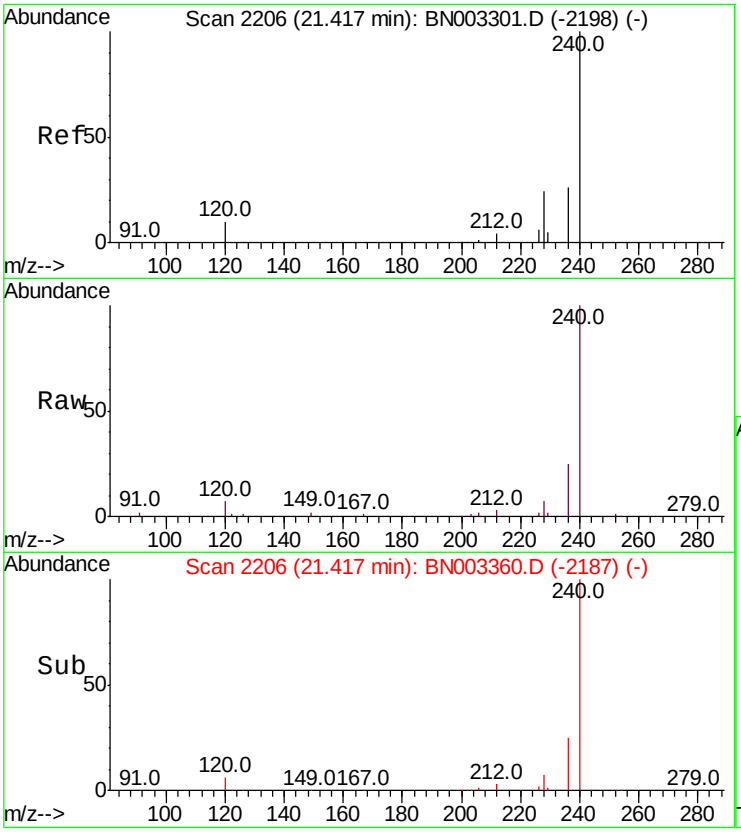


#26
Fluoranthene
Concen: 0.280 ng
RT: 19.29 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:202 Resp: 79112

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.2	13.8	20.6



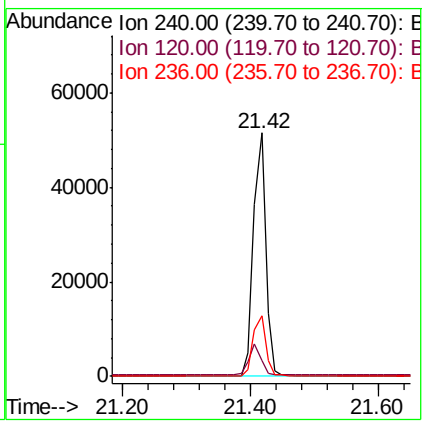


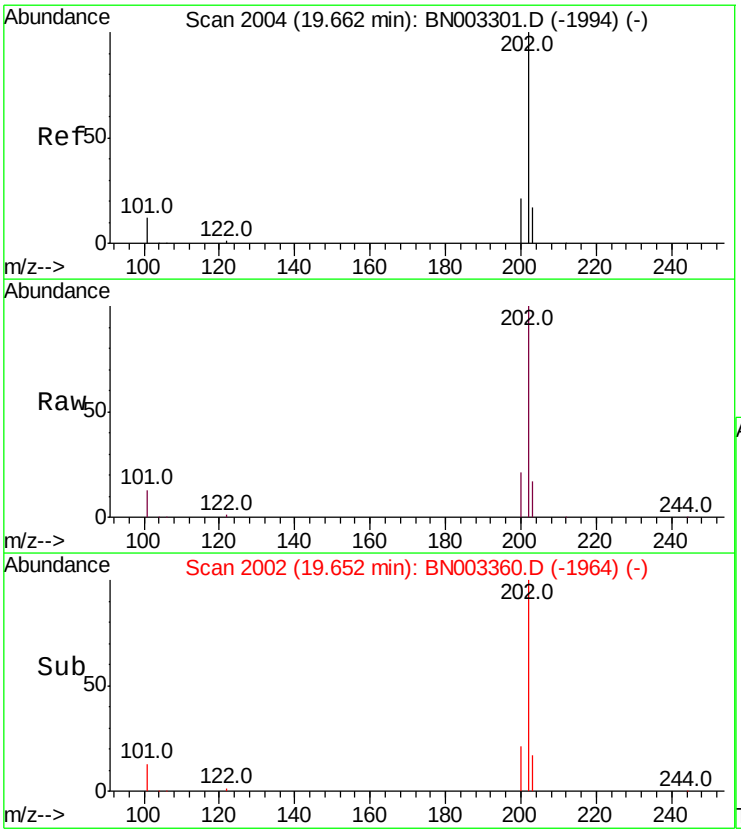
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 68911

Ion	Ratio	Lower	Upper
240	100		
120	6.7	9.3	13.9#
236	25.1	21.0	31.4

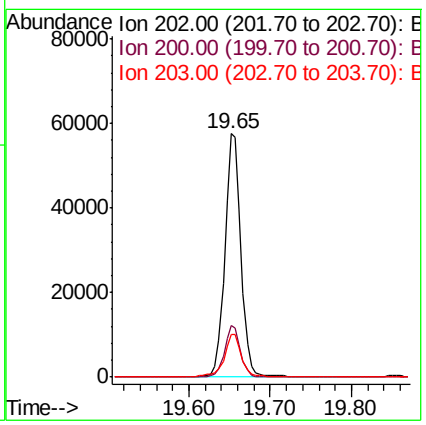


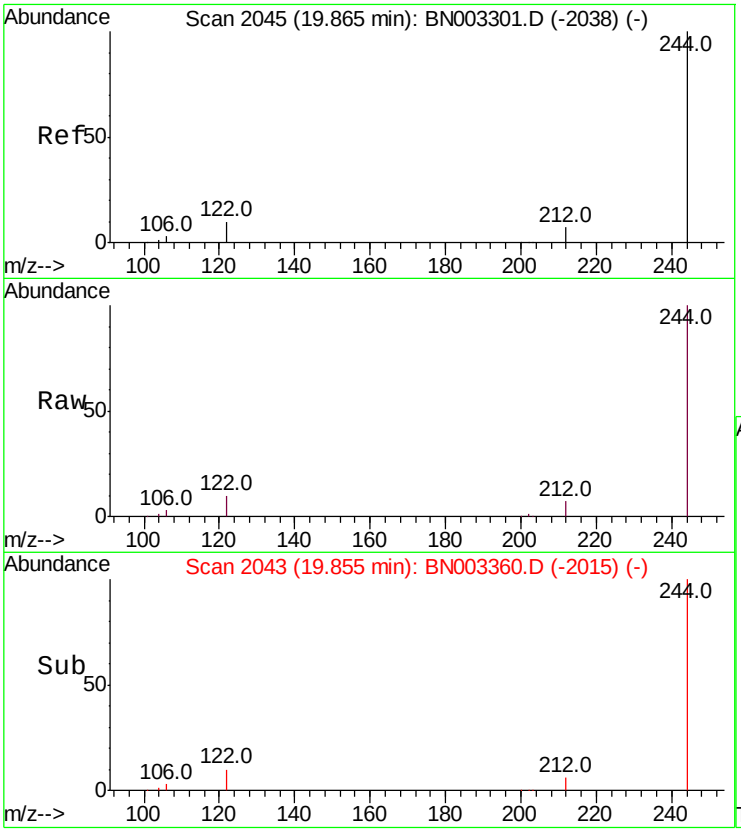


#28
Pyrene
Concen: 0.411 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:202 Resp: 78241

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	18.0	13.9	20.9



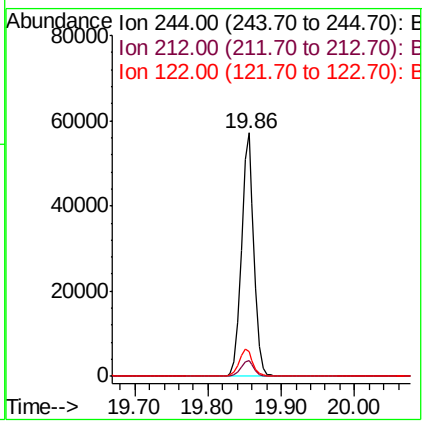


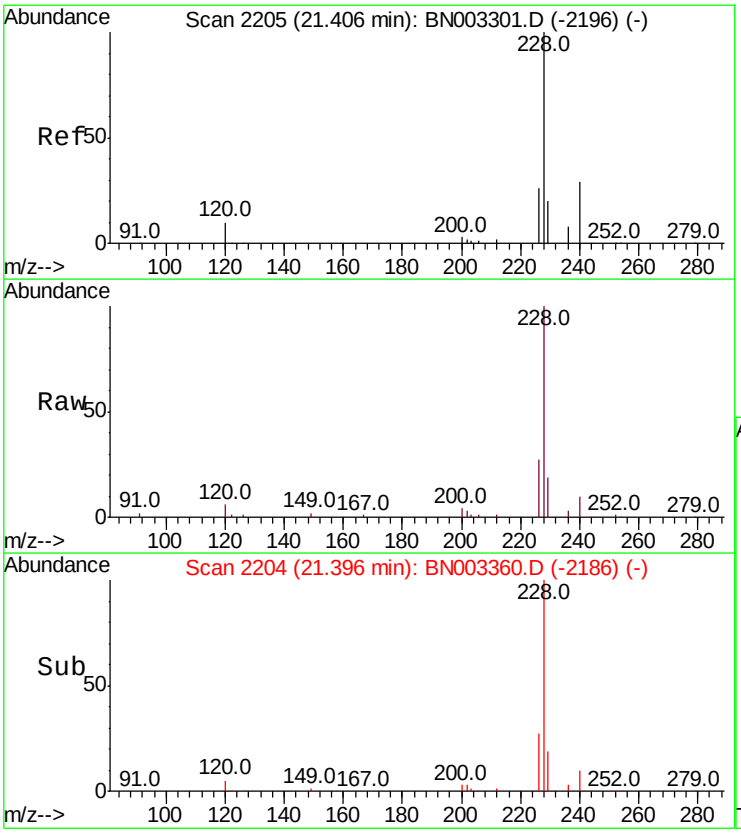
#29
Terphenyl-d14
Concen: 0.419 ng
RT: 19.86 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 67200

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.2	8.5	12.7

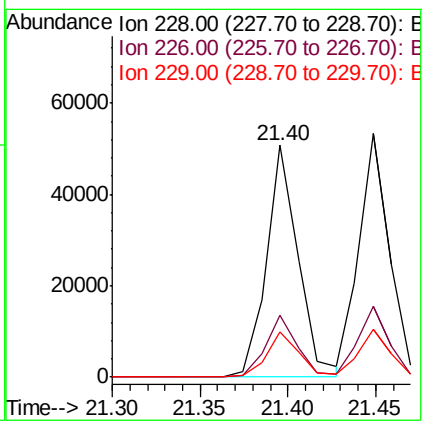


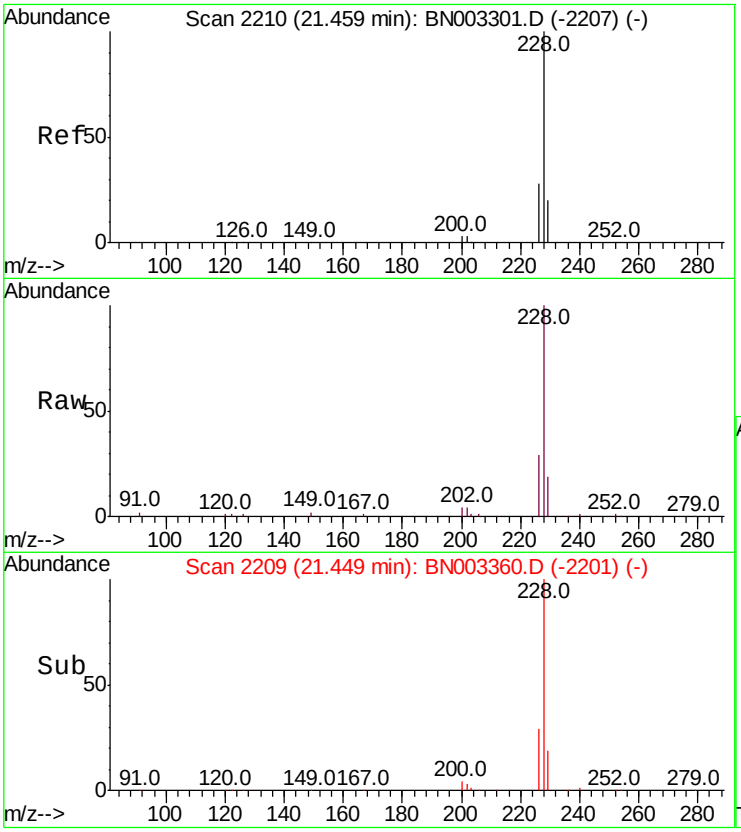


#30
Benzo(a)anthracene
Concen: 0.351 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:228 Resp: 63436

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.8	31.2
229	19.3	16.1	24.1



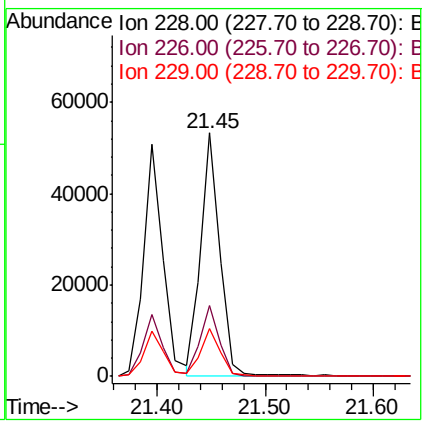


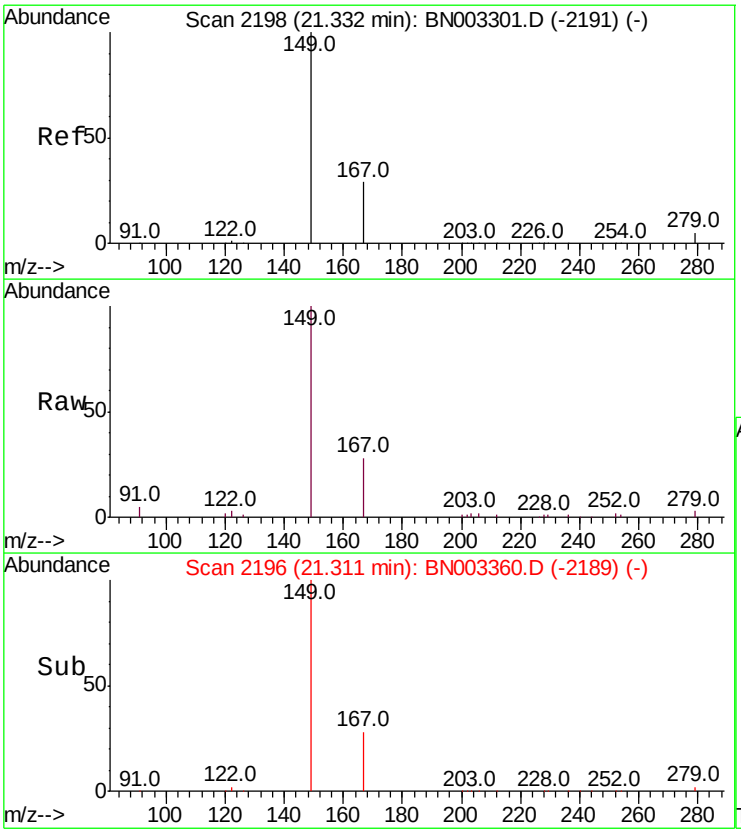
#31
Chrysene
Concen: 0.331 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 64391

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	19.5	16.0	24.0

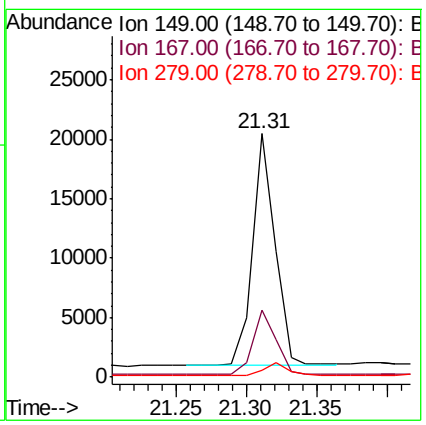


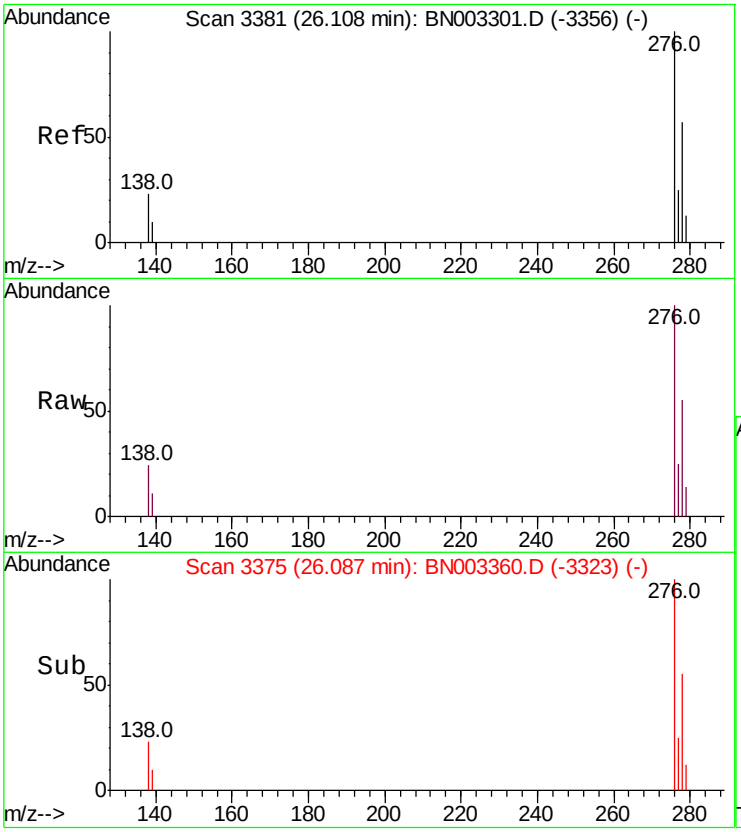


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.409 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:149 Resp: 21850

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.0	3.9	5.9



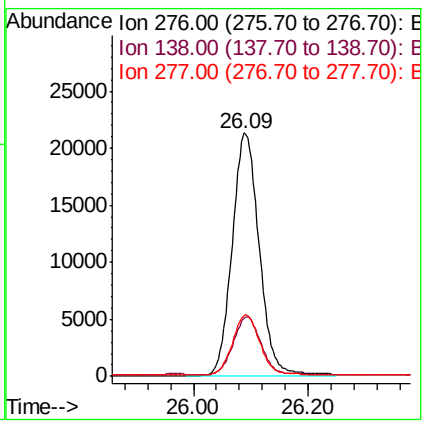


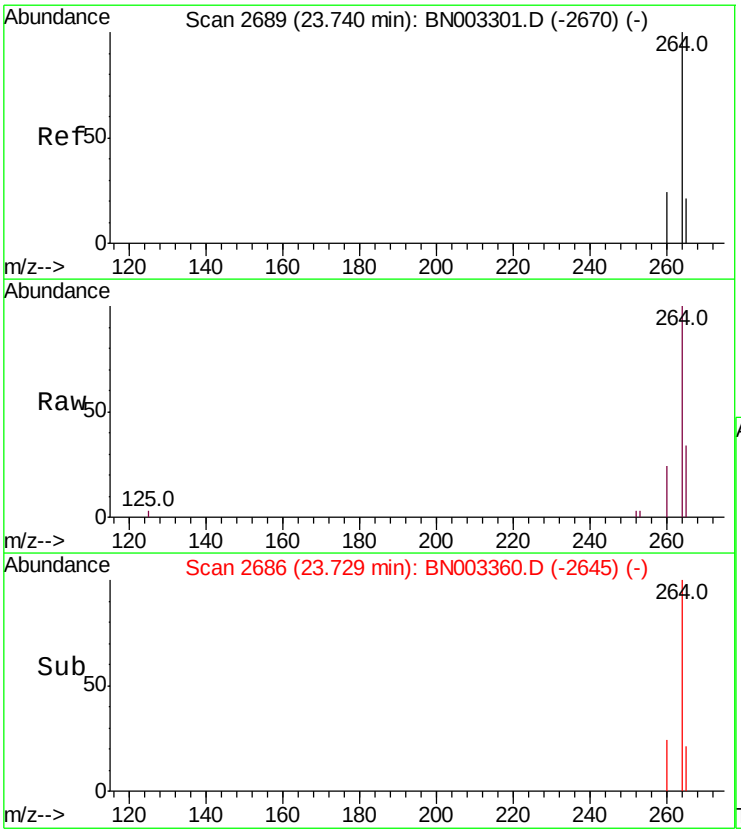
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng
RT: 26.09 min Scan# 3375
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 69711

Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.6	30.8
277	25.0	20.0	30.0

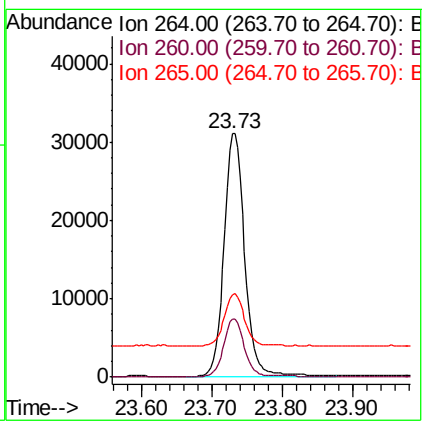


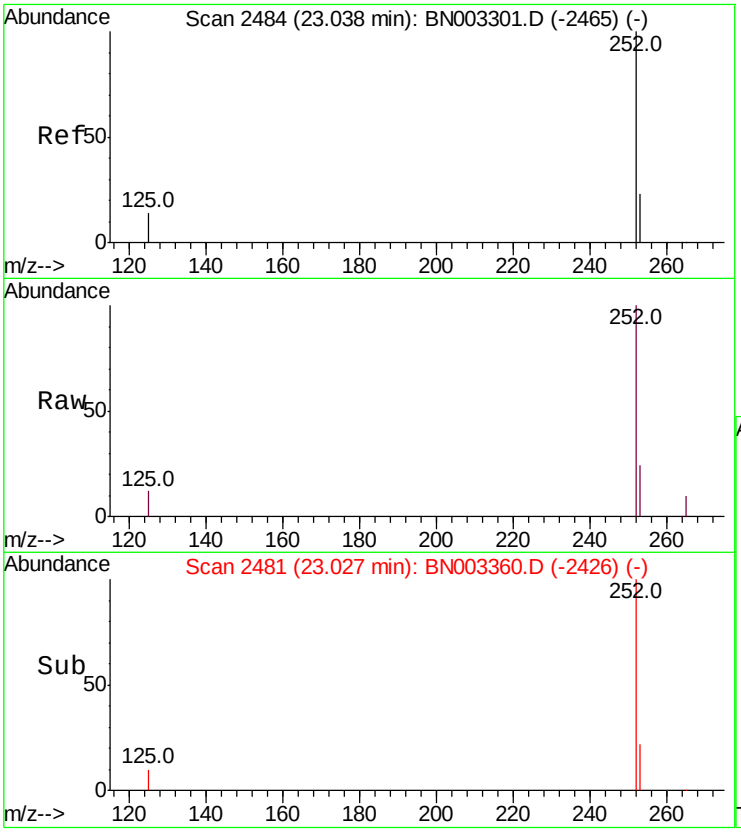


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:264 Resp: 62722

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	34.1	26.4	39.6



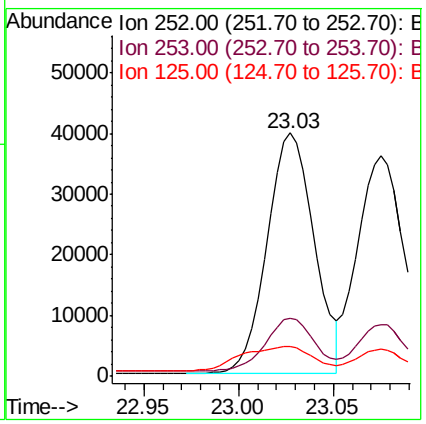


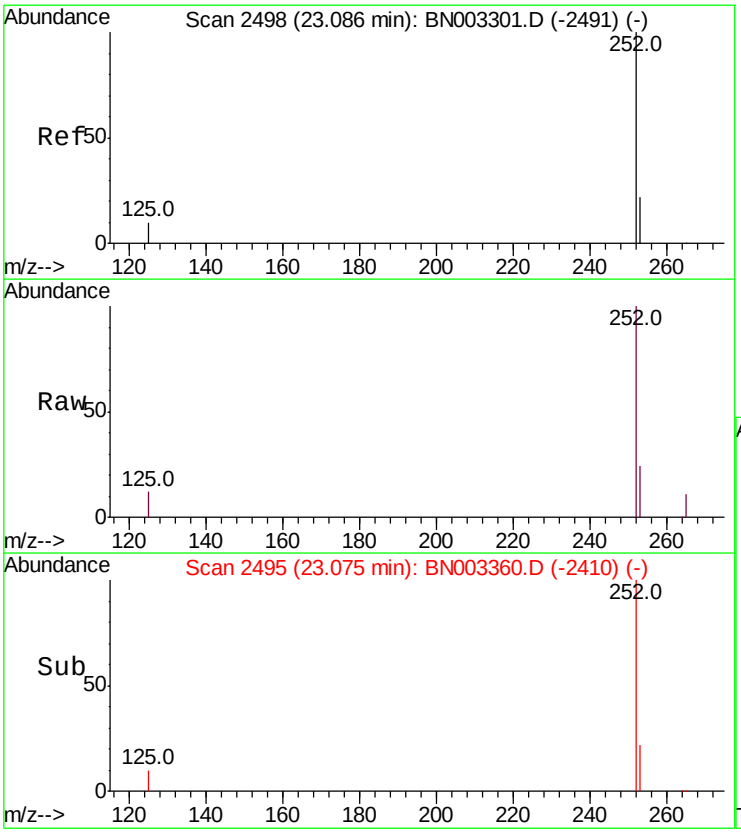
#35
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.03 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 67847

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.3	28.9
125	12.2	12.7	19.1#

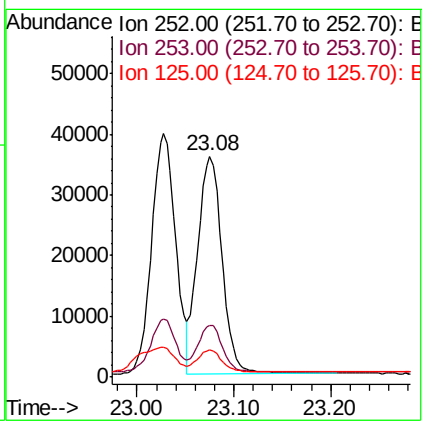


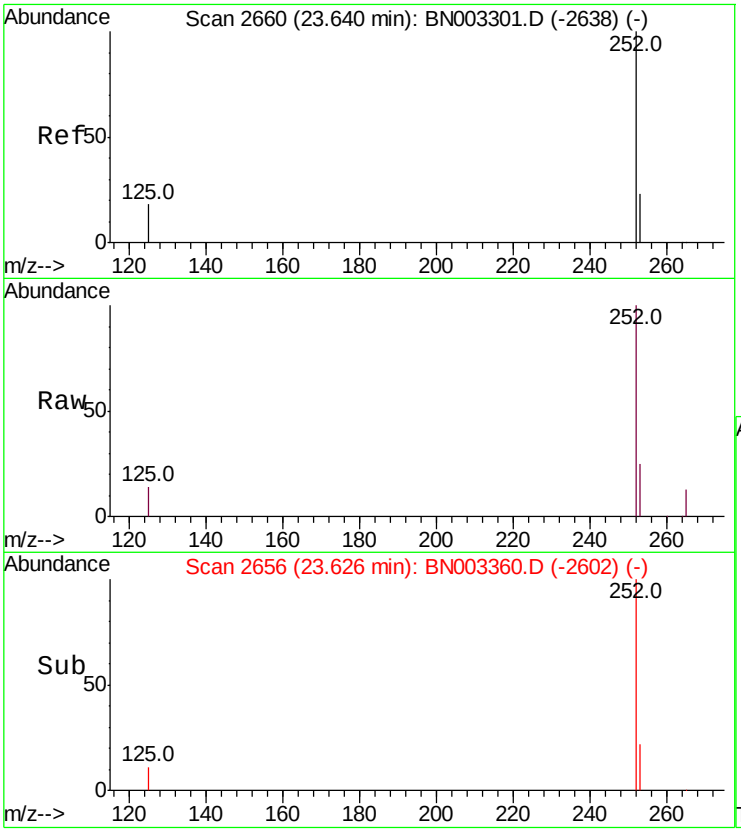


#36
Benzo(k)fluoranthene
Concen: 0.322 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:252 Resp: 62390

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	12.1	9.1	13.7



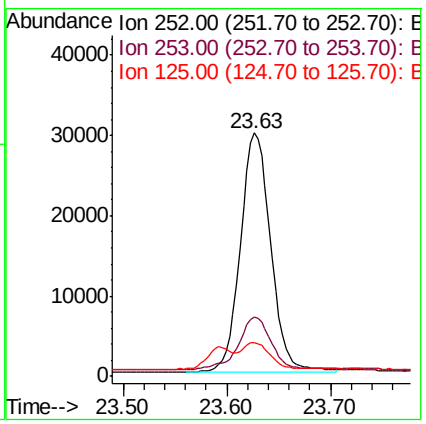


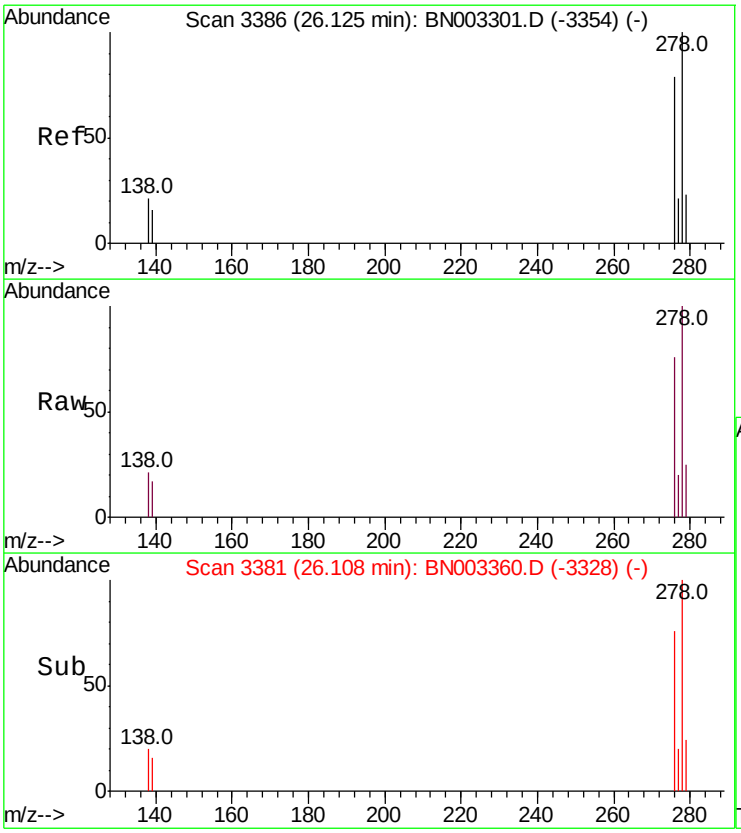
#37
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.63 min Scan# 2656
Delta R.T. -0.01 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 60264

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.1	30.1
125	13.9	16.0	24.0#

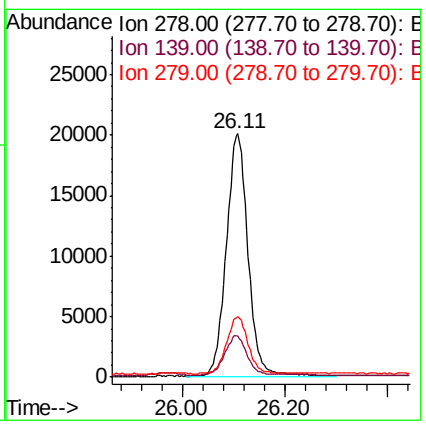


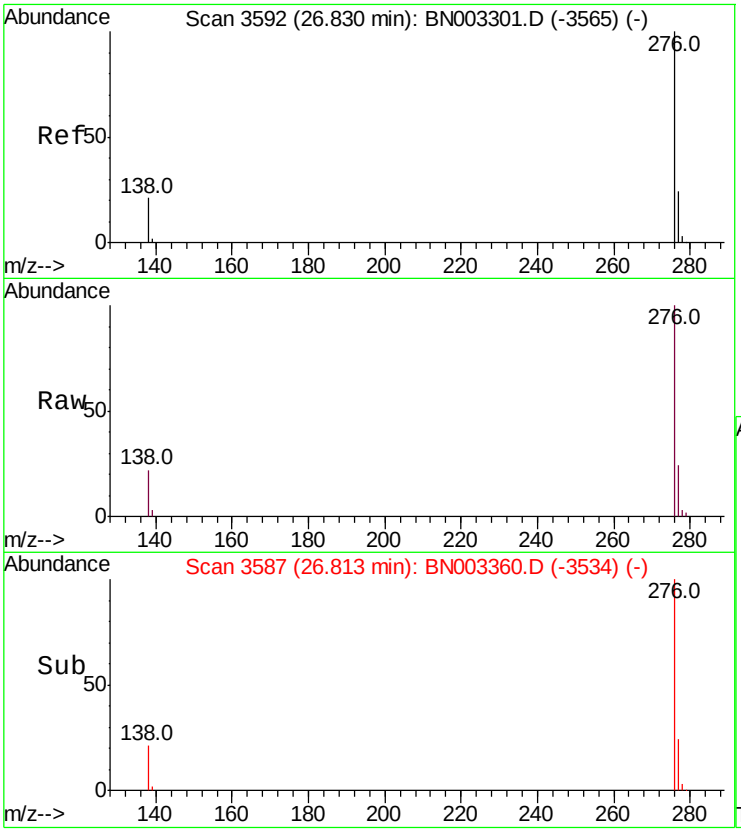


#38
Dibenzo(a,h)anthracene
Concen: 0.352 ng
RT: 26.11 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Tgt Ion:278 Resp: 58432

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	24.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 26.81 min Scan# 3587
Delta R.T. -0.02 min
Lab File: BN003360.D
Acq: 30 Oct 2018 16:15

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 60204

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	21.8	17.4	26.2