Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003320.D
Acq On : 27 Oct 2018 00:15
Operator : MJ/SJ
Sample : PB114224BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB114224BS

Quant Time: Oct 27 01:10:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 15:17:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	14501	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	57059	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	30407	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	76105	0.40	ng		0.00
27) Chrysene-d12	21.42	240	75664	0.40	ng		0.00
34) Perylene-d12	23.74	264	63503	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	6326	0.18	ng		0.00
5) Phenol-d6	7.01	99	7695	0.17	ng		0.00
8) Nitrobenzene-d5	9.02	82	4797	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	15380	0.17	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1615	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	22703	0.17	ng		-0.01
25) Fluoranthene-d10	19.26	212	33485	0.15	ng		0.00
29) Terphenyl-d14	19.86	244	29598	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2510	0.134	ng	#	64
3) n-Nitrosodimethylamine	3.68	42	1833	0.212	ng	#	90
6) bis(2-Chloroethyl)ether	7.29	93	7214	0.178	ng		98
9) Naphthalene	10.71	128	26458	0.189	ng		99
10) Hexachlorobutadiene	10.99	225	4374	0.172	ng	#	99
12) 2-Methylnaphthalene	12.32	142	18190	0.186	ng		98
16) Acenaphthylene	14.22	152	21865	0.161	ng		100
17) Acenaphthene	14.56	154	16152	0.172	ng		99
18) Fluorene	15.55	166	21132	0.180	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	7098	0.161	ng	#	85
21) Hexachlorobenzene	16.54	284	7768	0.167	ng		99
22) Pentachlorophenol	16.88	266	3015	0.239	ng		98
23) Phenanthrene	17.28	178	37860	0.181	ng		100
24) Anthracene	17.37	178	28866	0.161	ng		100
26) Fluoranthene	19.29	202	39059	0.163	ng		100
28) Pyrene	19.66	202	38473	0.184	ng		99
30) Benzo(a)anthracene	21.40	228	32368	0.163	ng		98
31) Chrysene	21.45	228	39337	0.184	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	8008	0.136	ng		100
33) Indeno(1,2,3-cd)pyrene	26.10	276	36390	0.164	ng		98
35) Benzo(b)fluoranthene	23.03	252	37191	0.190	ng		98
36) Benzo(k)fluoranthene	23.08	252	35697	0.182	ng		96
37) Benzo(a)pyrene	23.63	252	29957	0.166	ng	#	95
38) Dibenzo(a,h)anthracene	26.12	278	29808	0.177	ng		98
39) Benzo(g,h,i)perylene	26.82	276	33420	0.199	ng		99

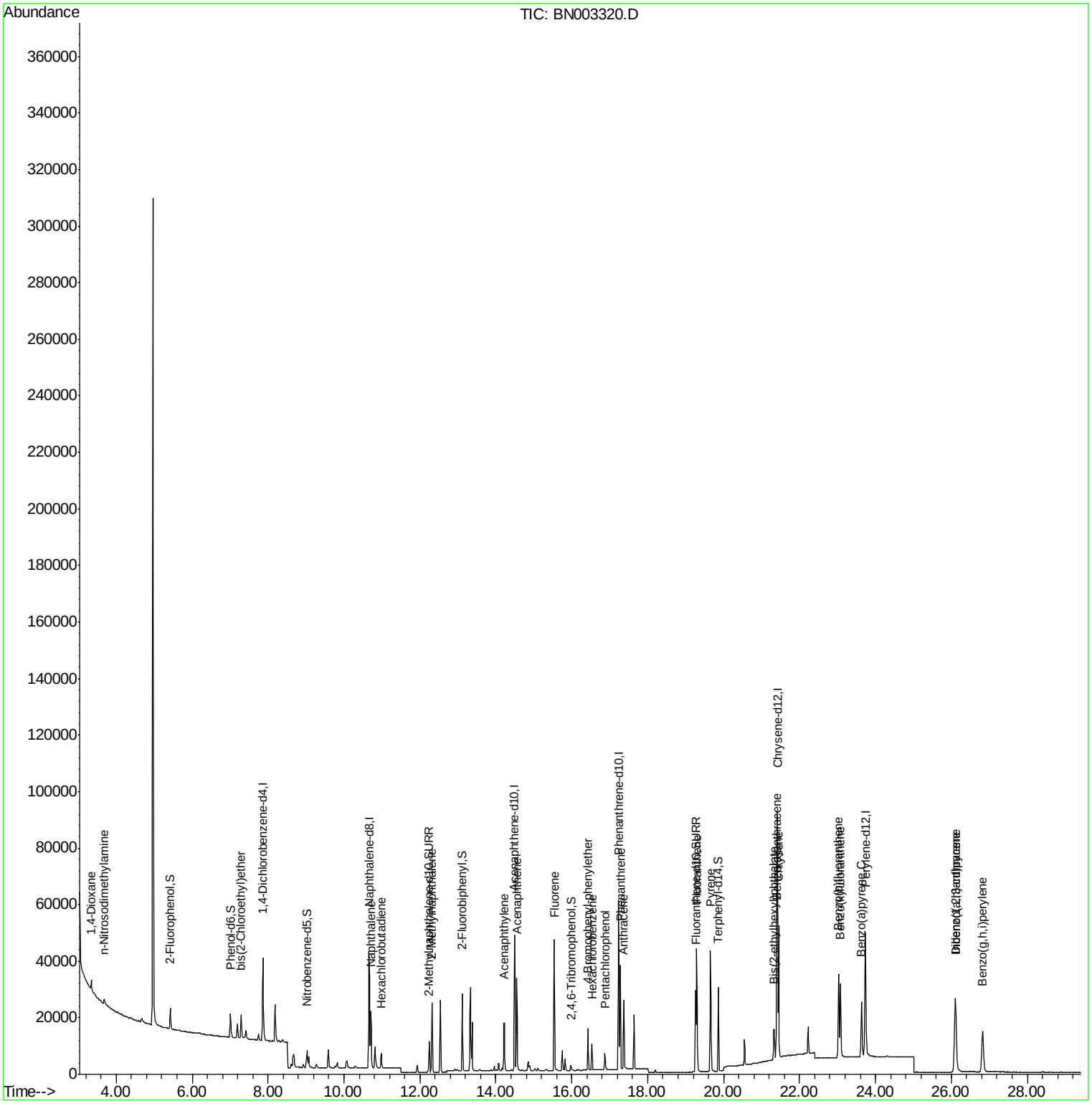
(#) = qualifier out of range (m) = manual integration (+) = signals summed

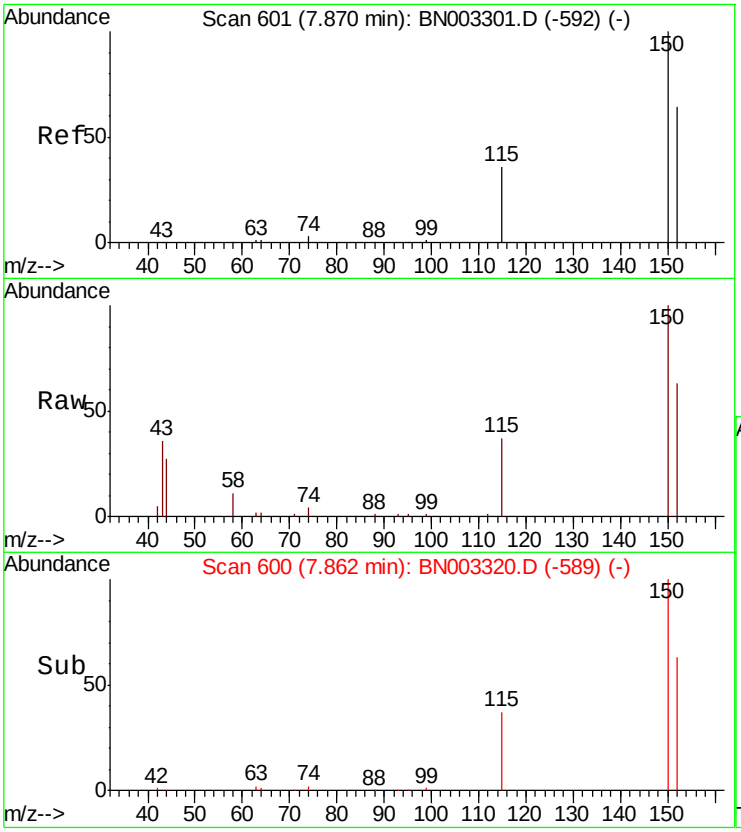
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003320.D
Acq On : 27 Oct 2018 00:15
Operator : MJ/SJ
Sample : PB114224BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Quant Time: Oct 27 01:10:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 15:17:57 2018
Response via : Initial Calibration



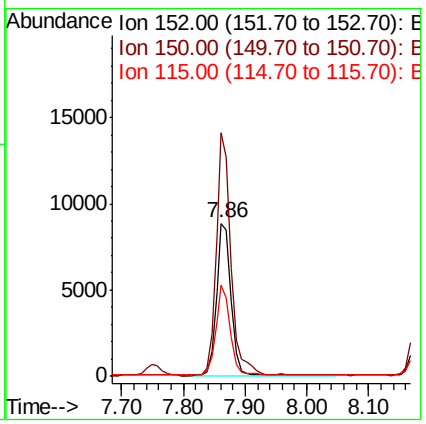


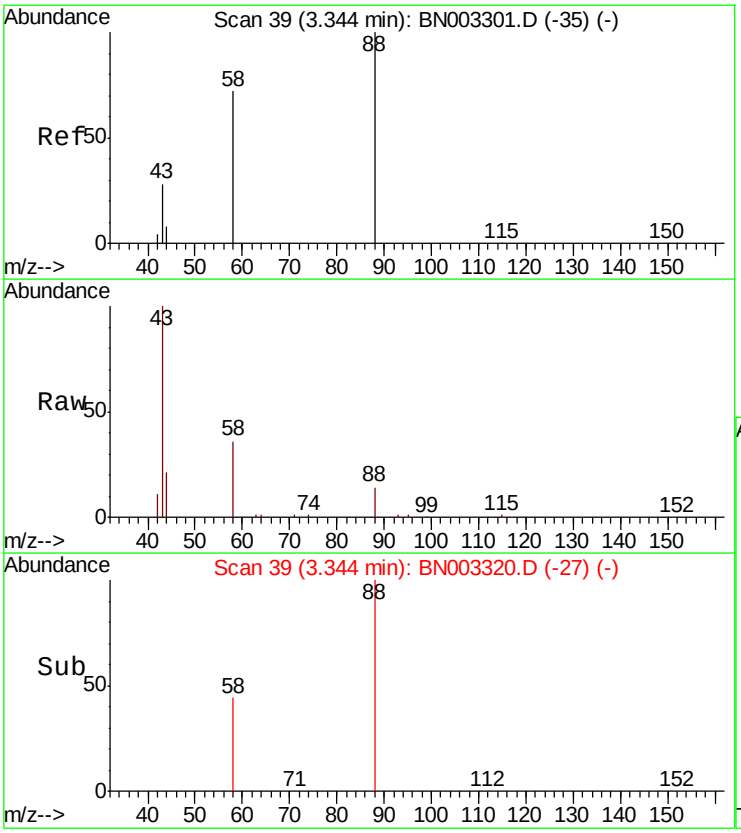
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:152 Resp: 14501

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	187.0
115	59.6	46.4	69.6

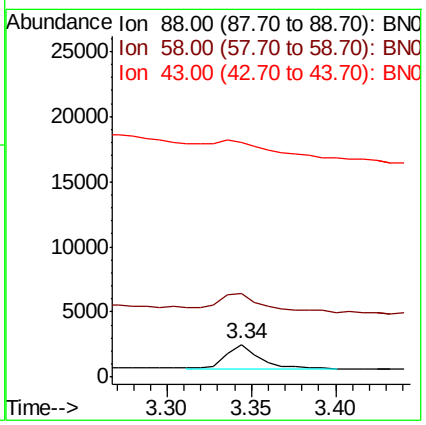


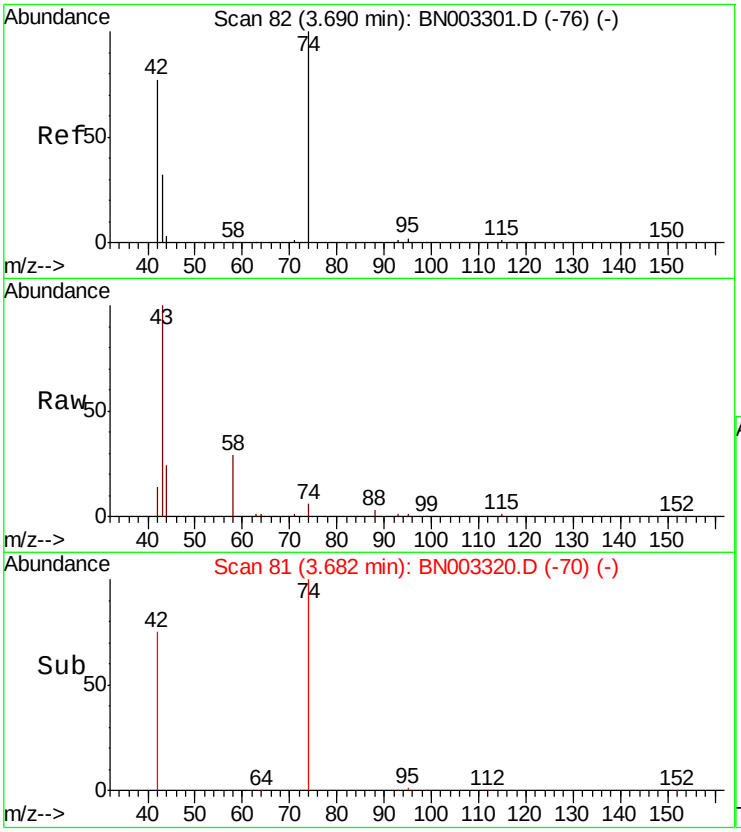


#2
1,4-Dioxane
Concen: 0.134 ng
RT: 3.34 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion: 88 Resp: 2510

Ion	Ratio	Lower	Upper
88	100		
58	100.2	60.9	91.3#
43	0.0	23.9	35.9#



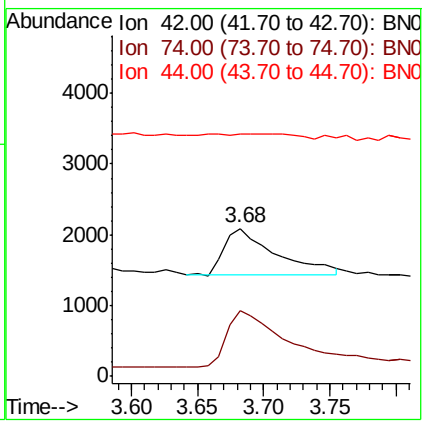


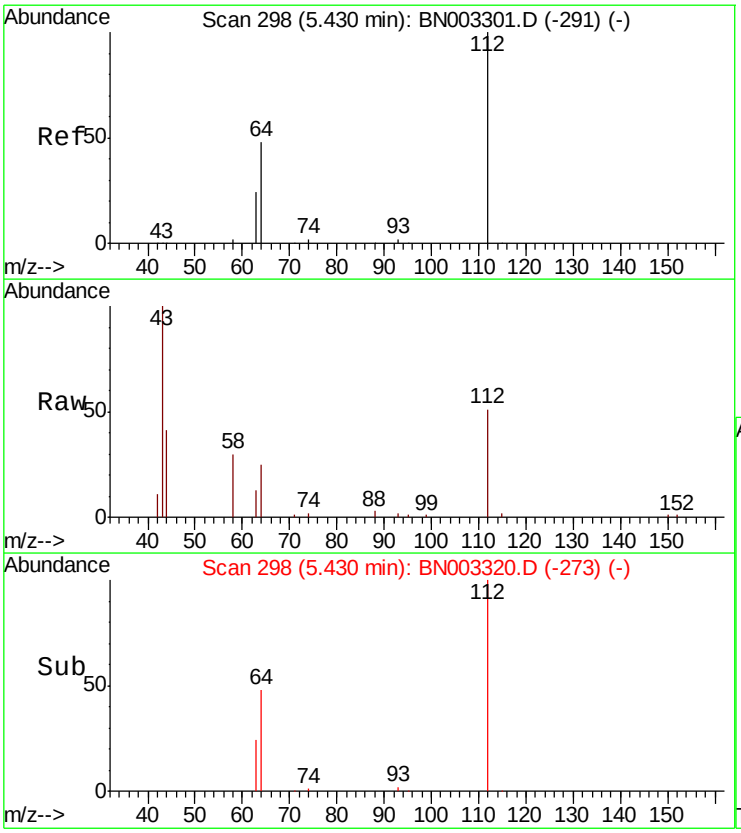
#3
n-Nitrosodimethylamine
Concen: 0.212 ng
RT: 3.68 min Scan# 81
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion: 42 Resp: 1833

Ion	Ratio	Lower	Upper
42	100		
74	134.9	99.1	148.7
44	0.0	4.2	6.4#

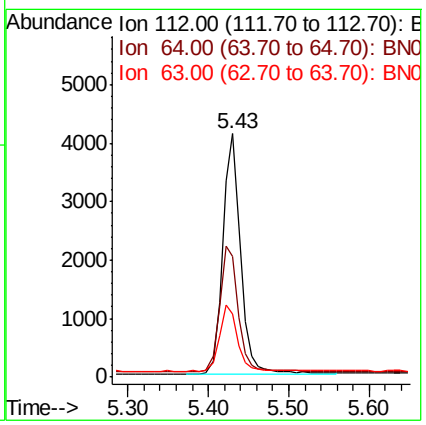


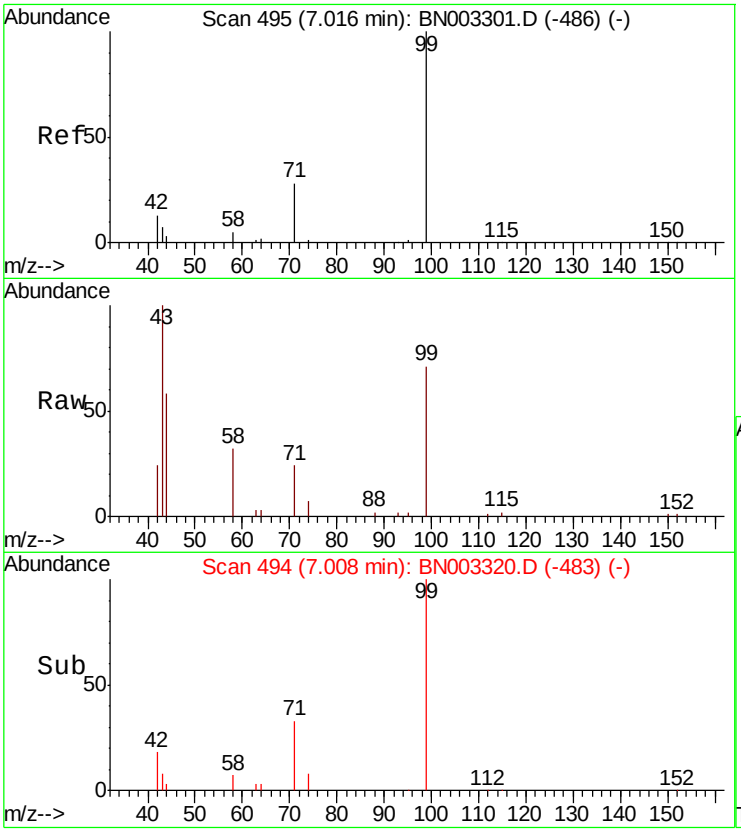


#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.43 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:112 Resp: 6326

Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.3	66.5
63	28.2	22.4	33.6



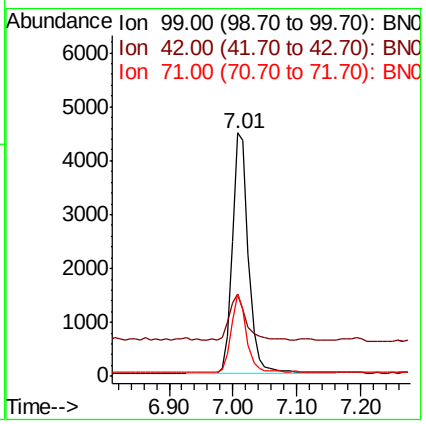


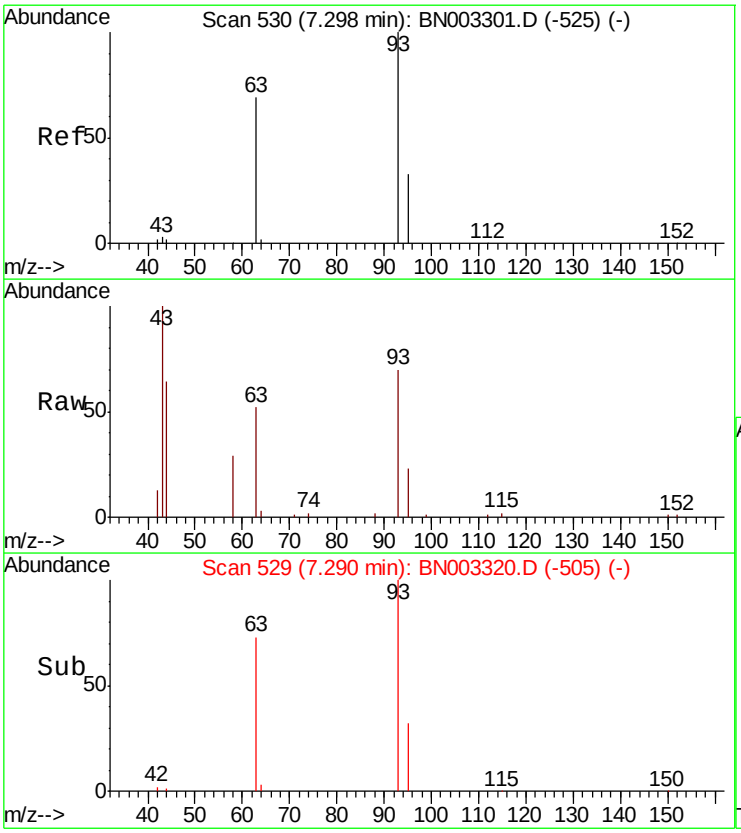
#5
Phenol-d6
Concen: 0.170 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion: 99 Resp: 7695

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.8	22.2
71	30.3	24.8	37.2

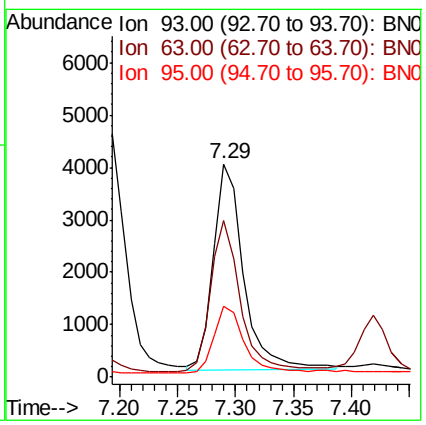


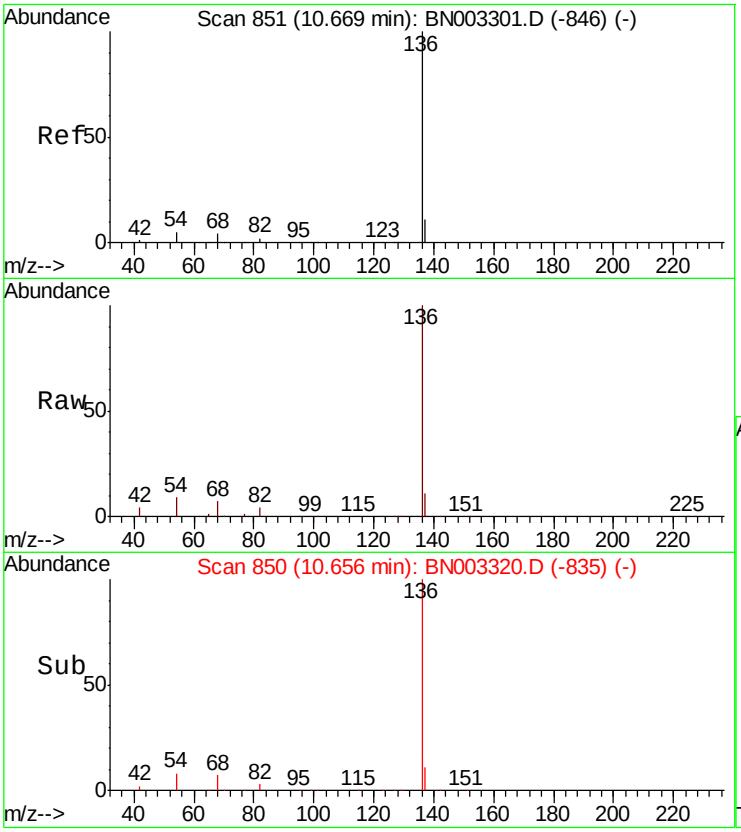


#6
bis(2-Chloroethyl)ether
Concen: 0.178 ng
RT: 7.29 min Scan# 529
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion: 93 Resp: 7214

Ion	Ratio	Lower	Upper
93	100		
63	72.1	55.8	83.6
95	31.9	25.4	38.2



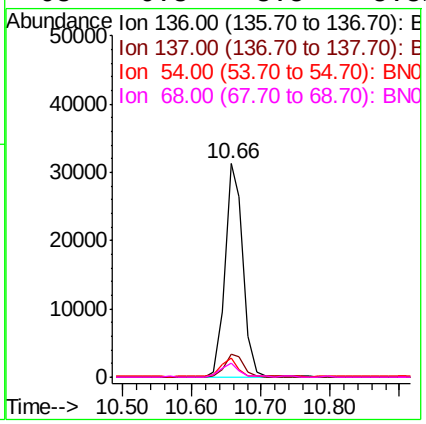


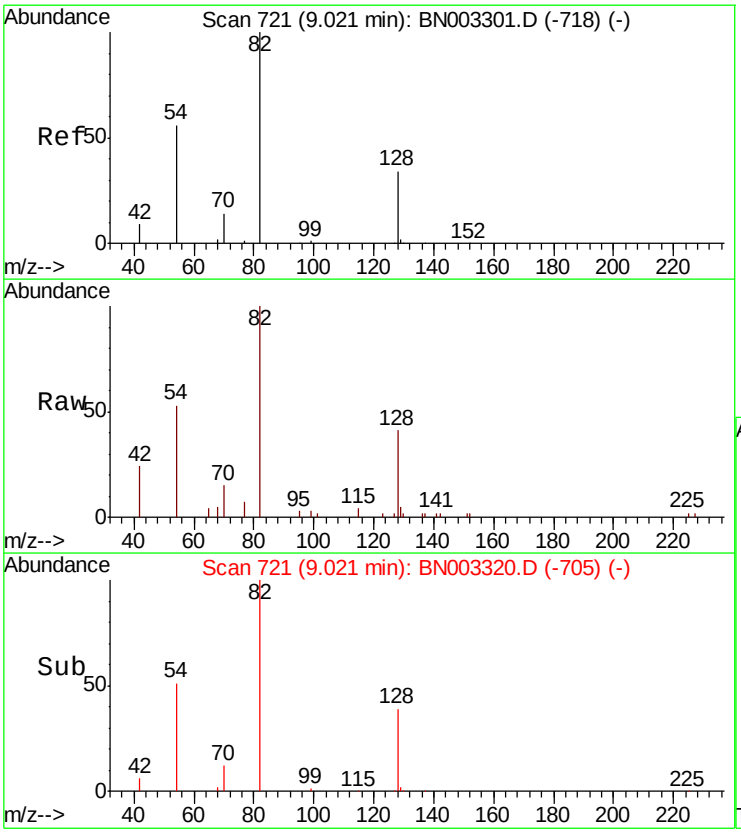
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:136 Resp: 57059

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.7	4.1	6.1#
68	6.8	3.5	5.3#

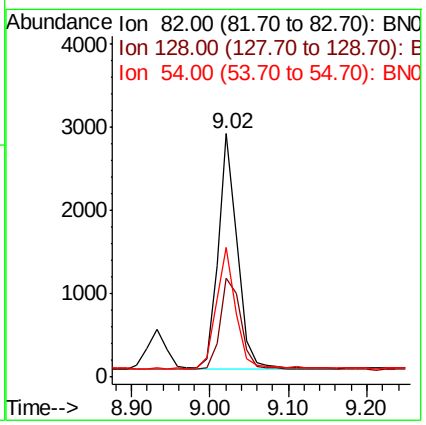


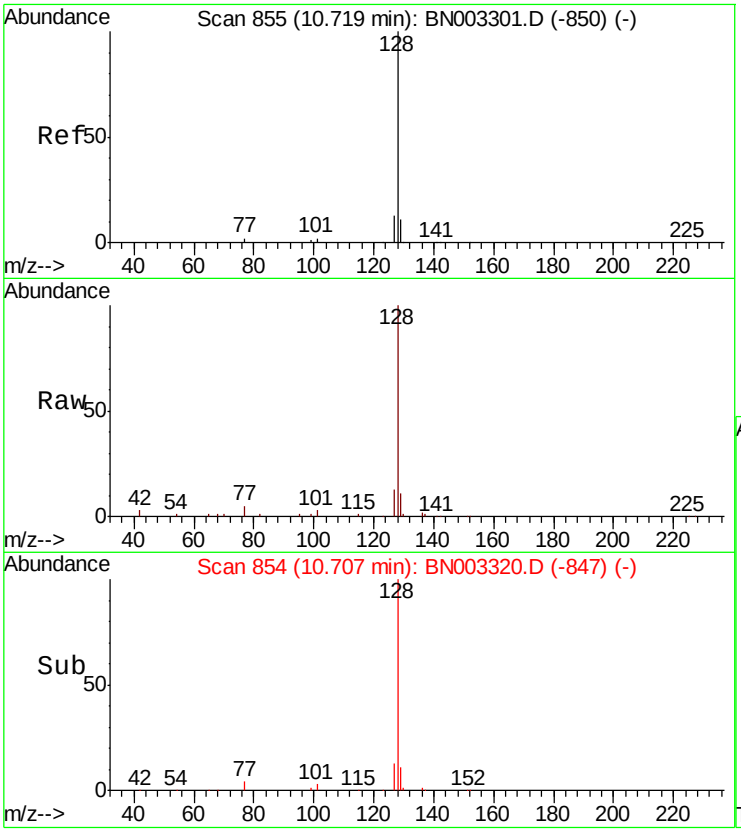


#8
Nitrobenzene-d5
Concen: 0.192 ng
RT: 9.02 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion: 82 Resp: 4797

Ion	Ratio	Lower	Upper
82	100		
128	40.7	28.9	43.3
54	53.2	46.1	69.1



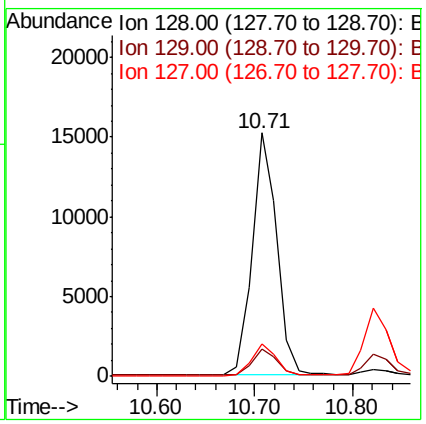


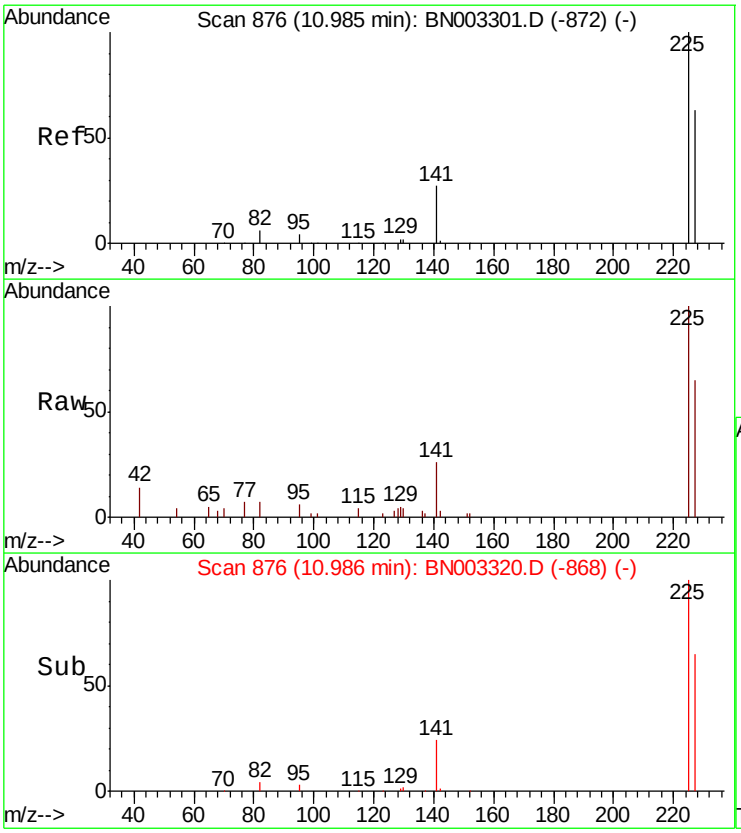
#9
Naphthalene
Concen: 0.189 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:128 Resp: 26458

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.2	15.4

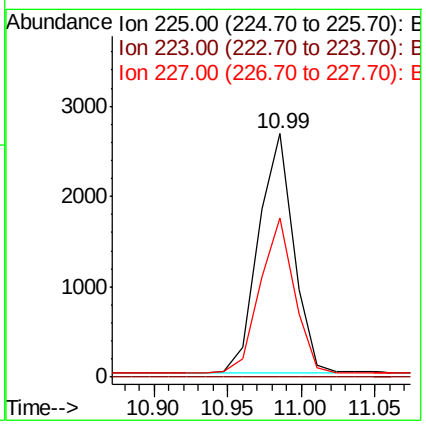


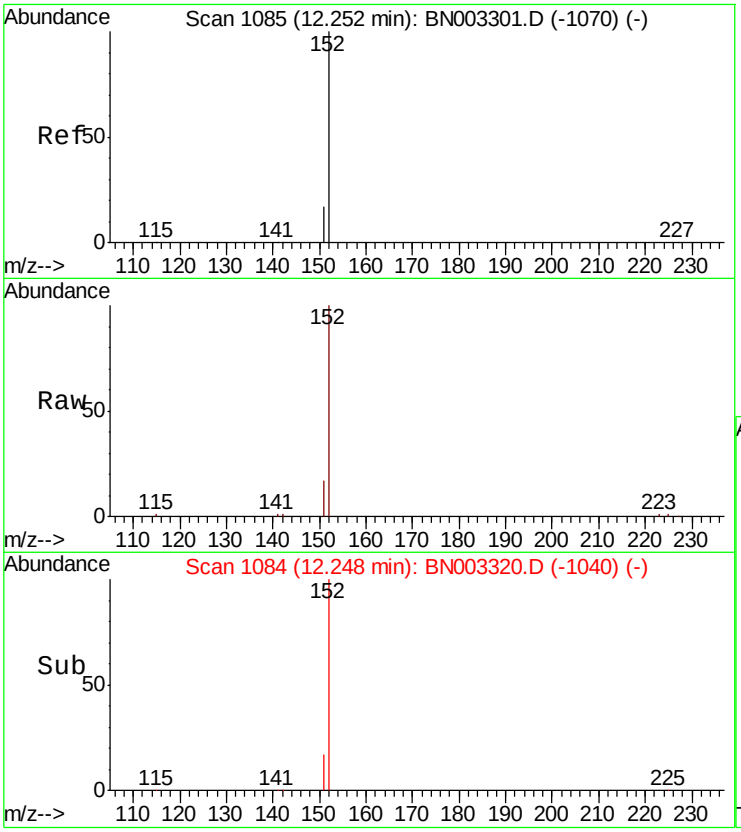


#10
Hexachlorobutadiene
Concen: 0.172 ng
RT: 10.99 min Scan# 876
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:225 Resp: 4374

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



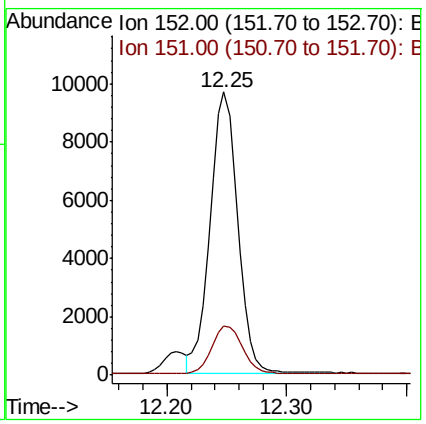


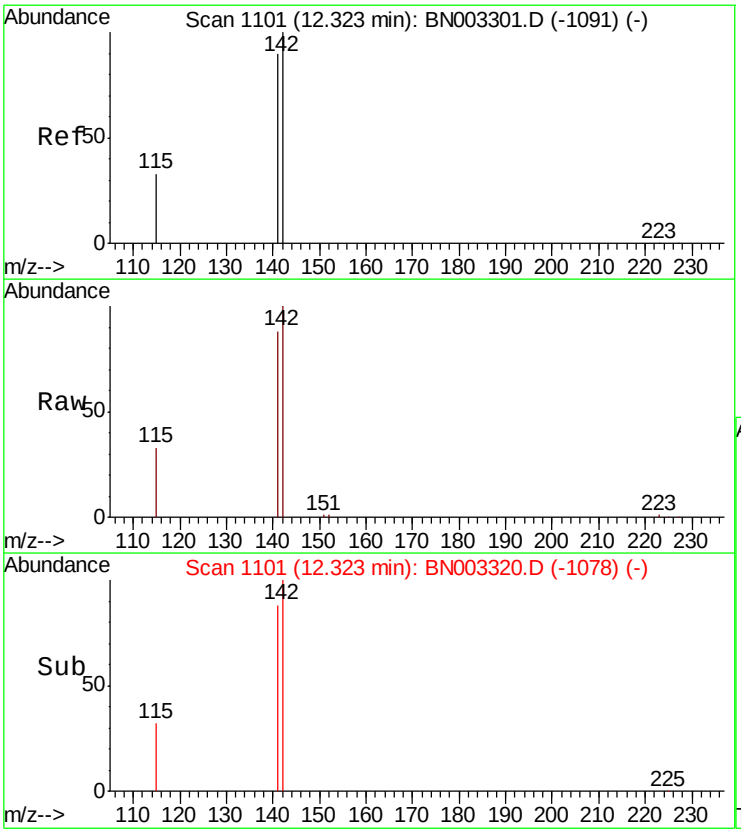
#11
2-Methylnaphthalene-d10
Concen: 0.166 ng
RT: 12.25 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:152 Resp: 15380

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

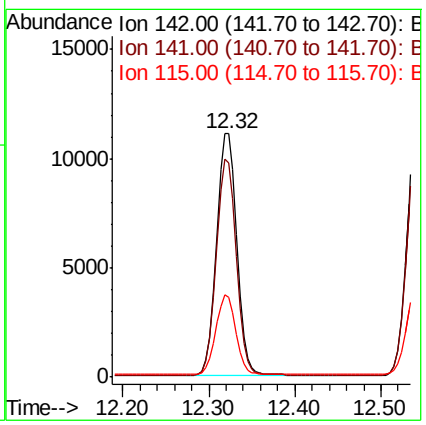


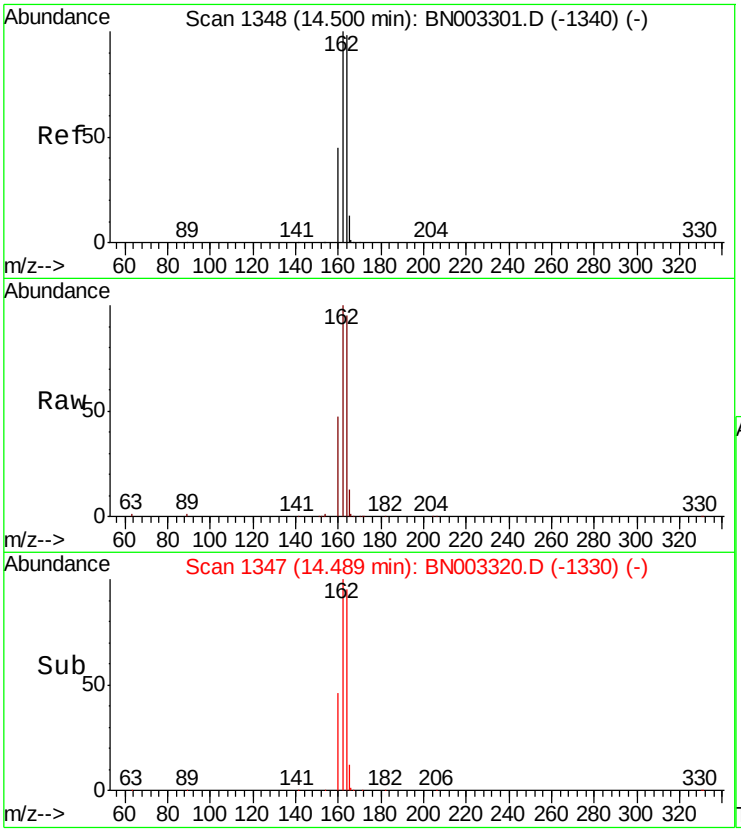


#12
2-Methylnaphthalene
Concen: 0.186 ng
RT: 12.32 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:142 Resp: 18190

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.9	107.9
115	32.8	27.0	40.6



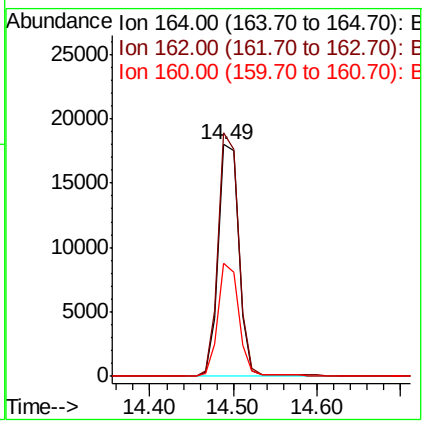


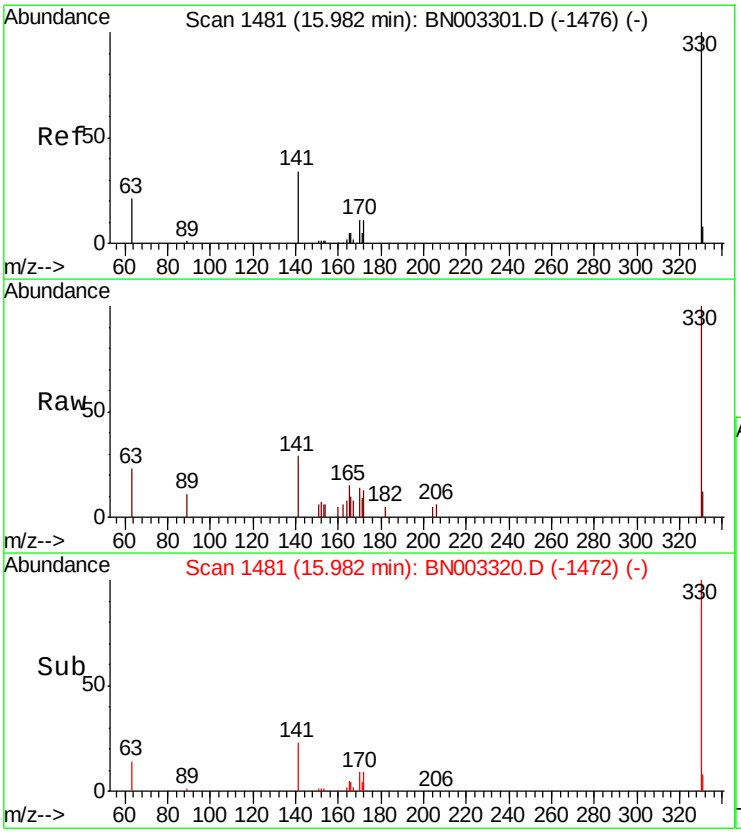
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:164 Resp: 30407

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.8	122.6
160	48.9	37.2	55.8

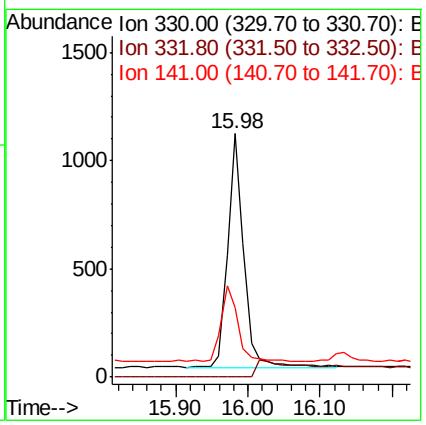


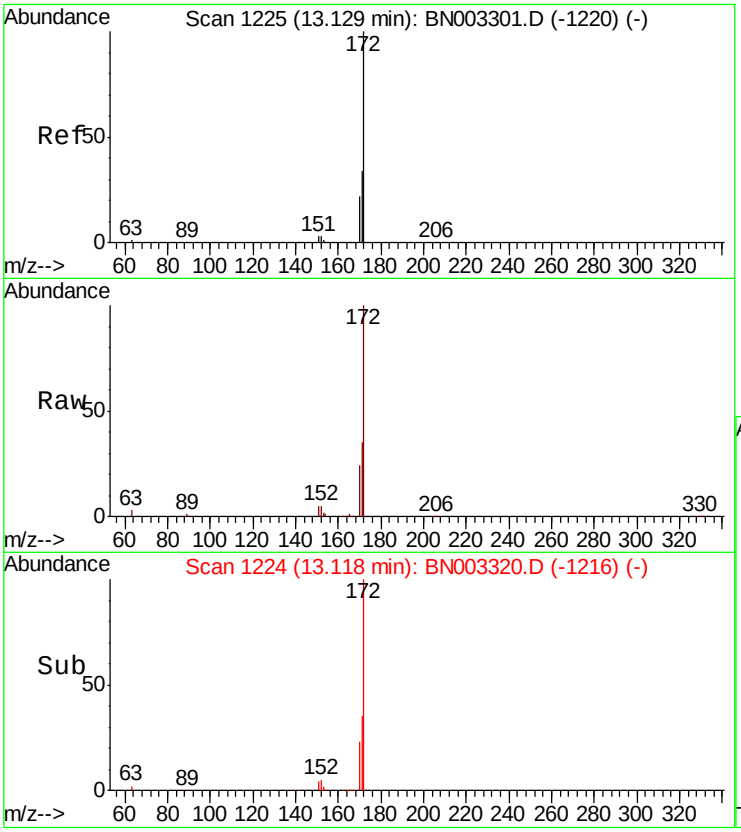


#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.98 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:330 Resp: 1615

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.4	28.3	42.5



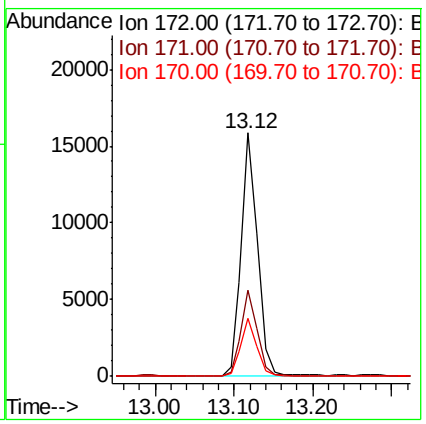


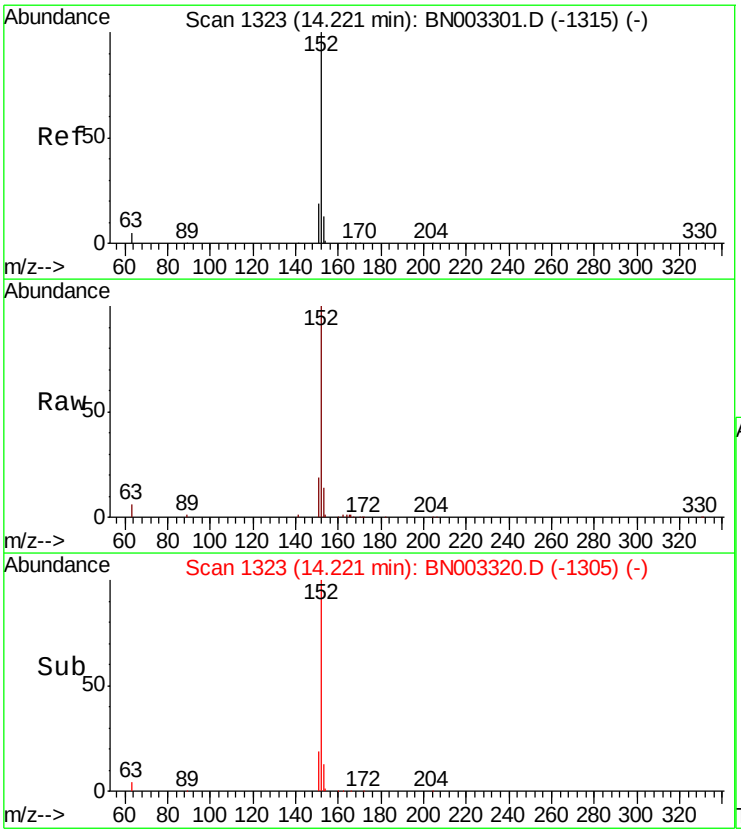
#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:172 Resp: 22703

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.1	40.7
170	23.6	17.4	26.0

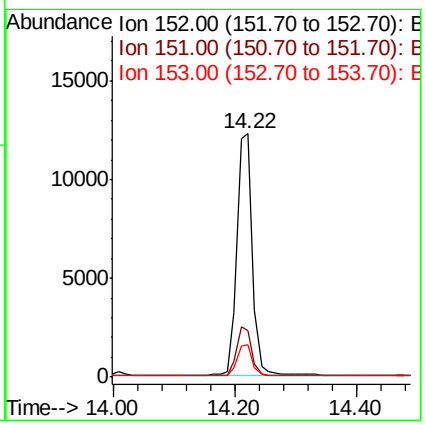


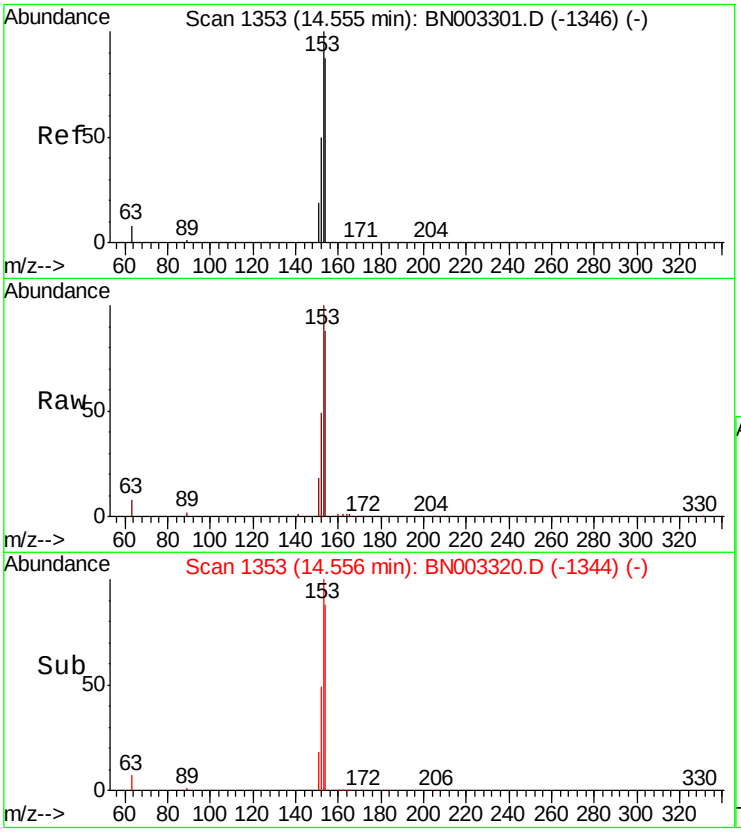


#16
Acenaphthylene
Concen: 0.161 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:152 Resp: 21865

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	15.8



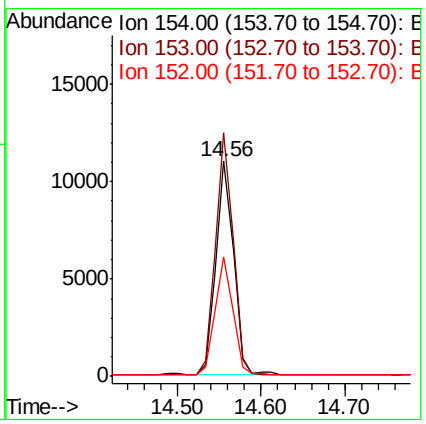


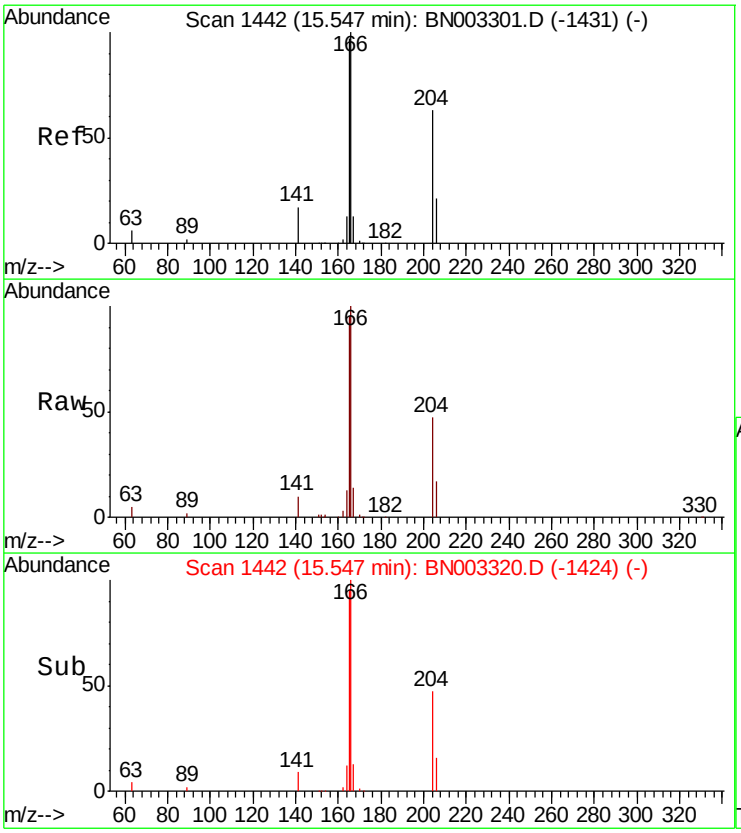
#17
Acenaphthene
Concen: 0.172 ng
RT: 14.56 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:154 Resp: 16152

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.9	133.3
152	55.3	43.5	65.3

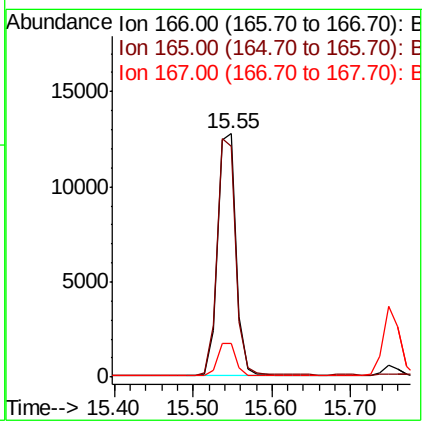


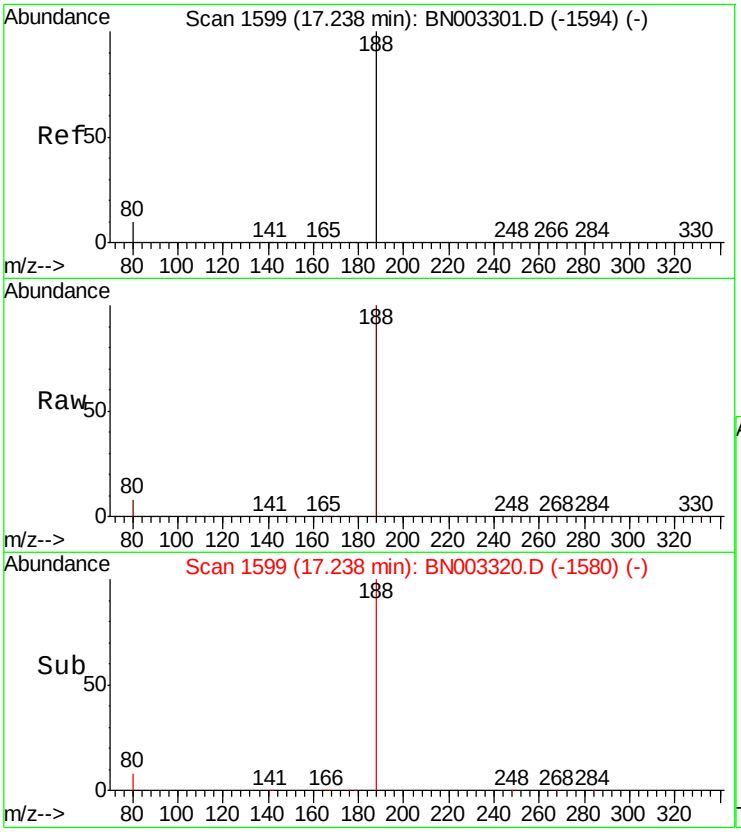


#18
Fluorene
Concen: 0.180 ng
RT: 15.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:166 Resp: 21132

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.5	10.9	16.3



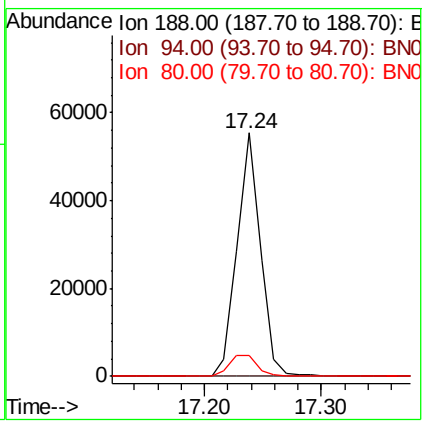


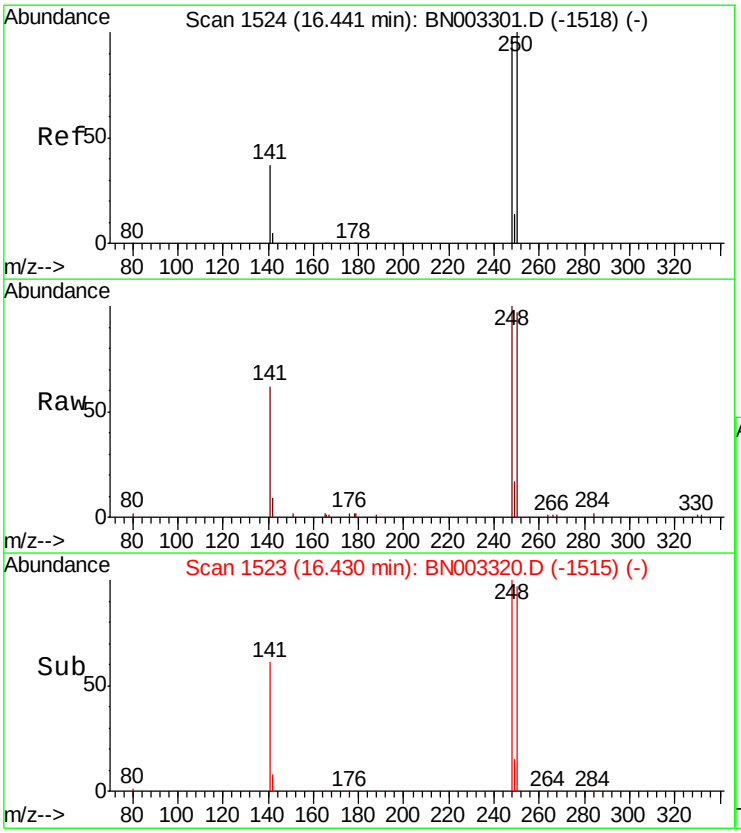
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:188 Resp: 76105

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	8.6	12.8#

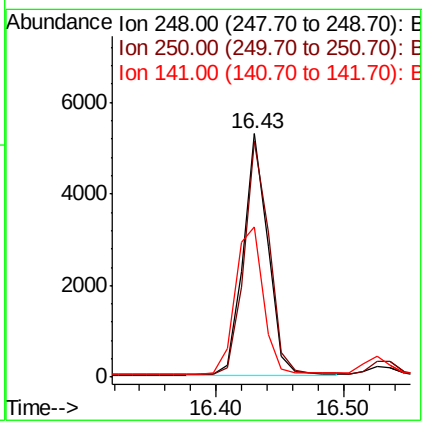


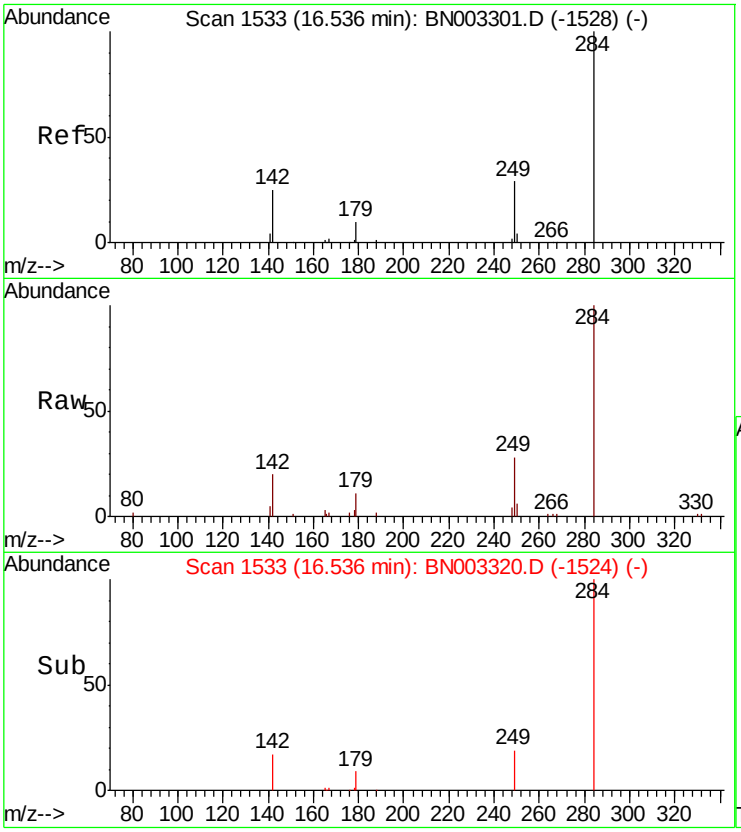


#20
4-Bromophenyl-phenylether
Concen: 0.161 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:248 Resp: 7098

Ion	Ratio	Lower	Upper
248	100		
250	97.2	83.7	125.5
141	61.5	31.4	47.0#



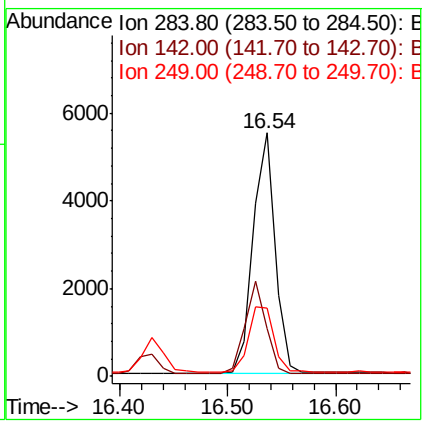


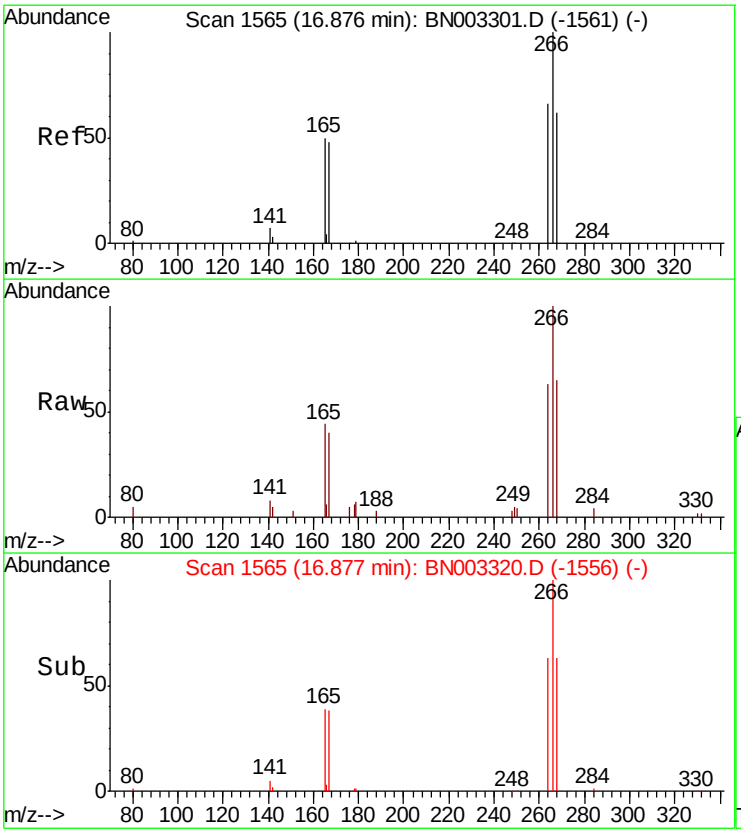
#21
Hexachlorobenzene
Concen: 0.167 ng
RT: 16.54 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:284 Resp: 7768

Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.7	44.5
249	30.7	24.0	36.0

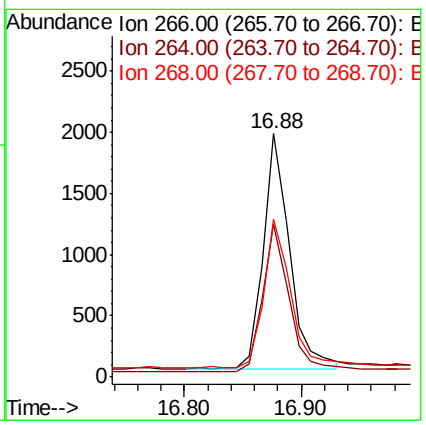


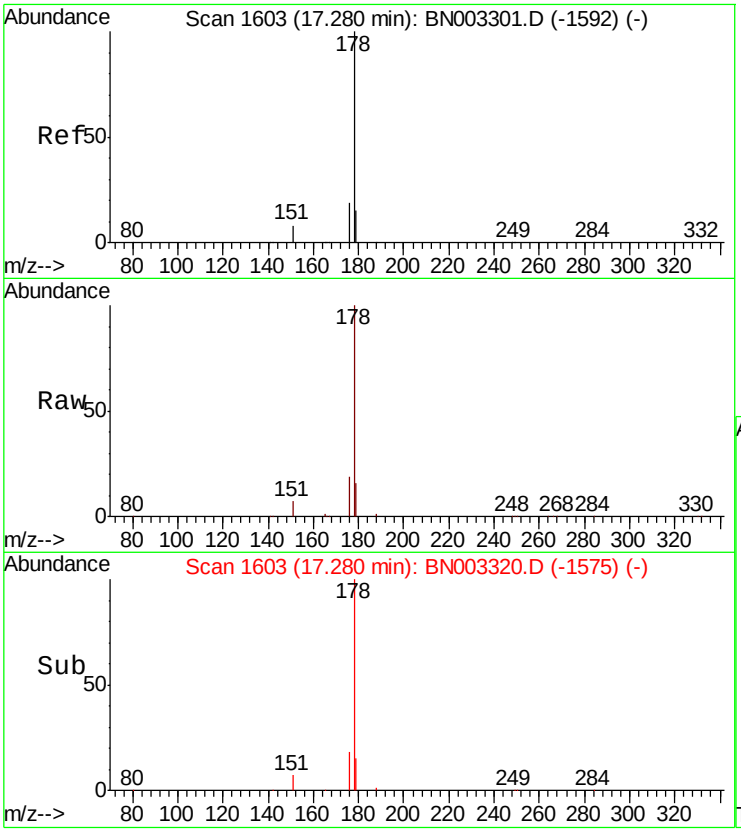


#22
Pentachlorophenol
Concen: 0.239 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:266 Resp: 3015

Ion	Ratio	Lower	Upper
266	100		
264	62.9	52.1	78.1
268	65.1	51.8	77.6



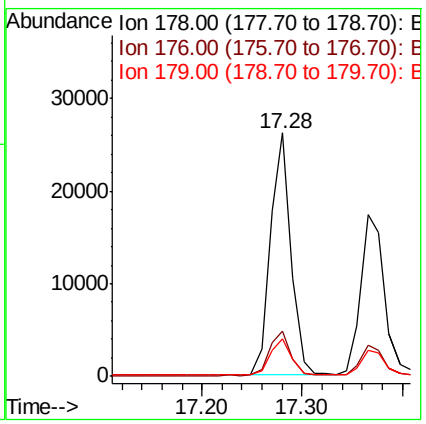


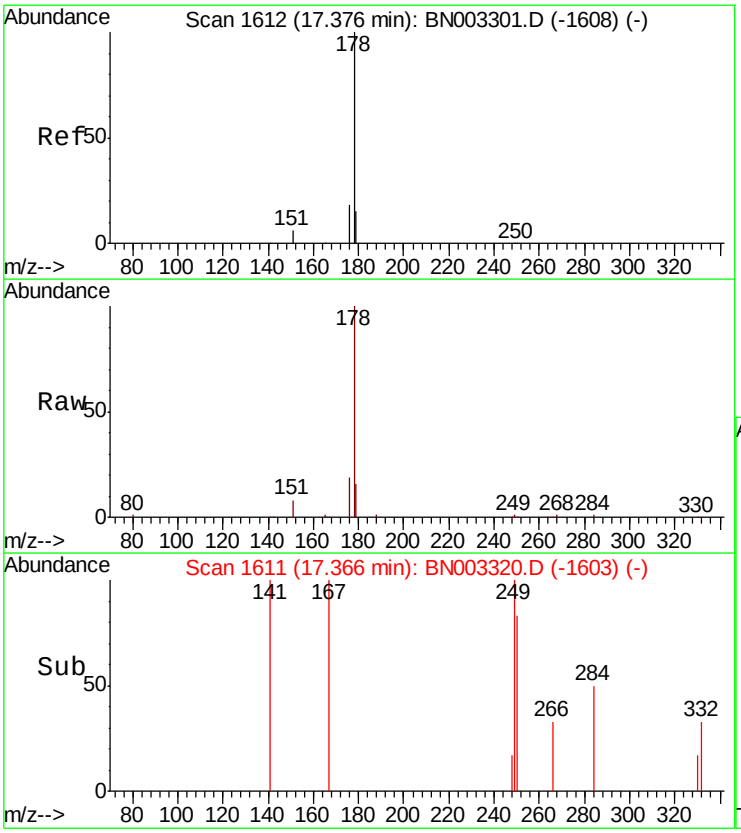
#23
Phenanthrene
Concen: 0.181 ng
RT: 17.28 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:178 Resp: 37860

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	12.4	18.6

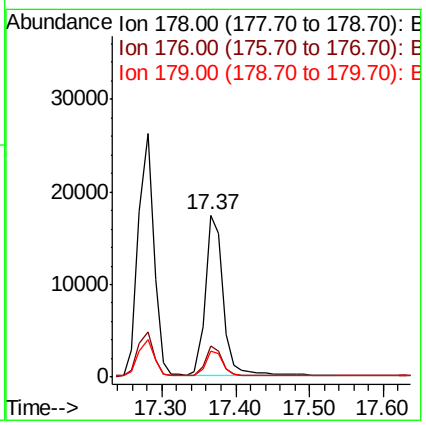


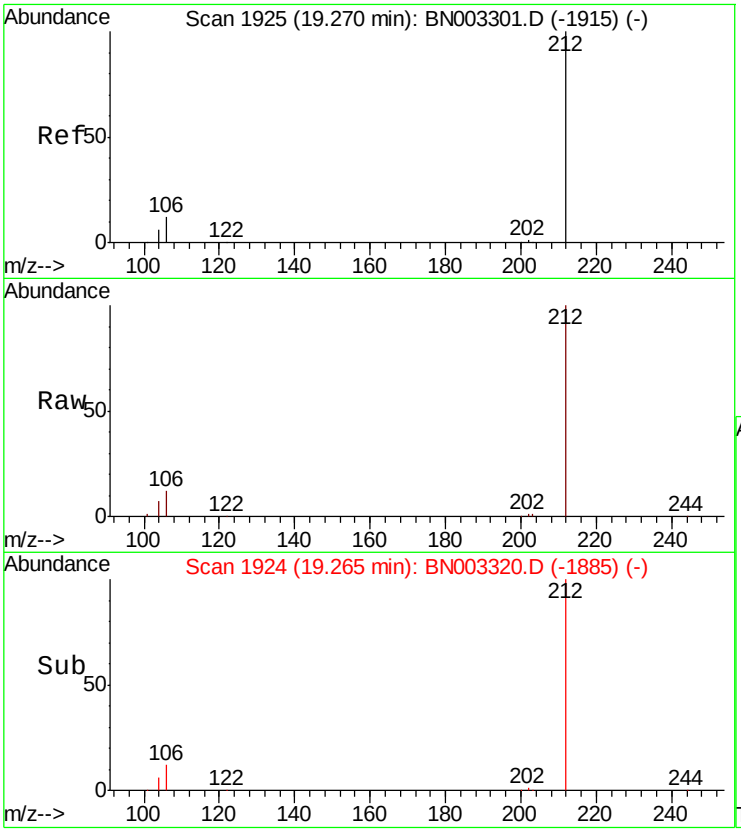


#24
Anthracene
Concen: 0.161 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:178 Resp: 28866

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.2	18.4



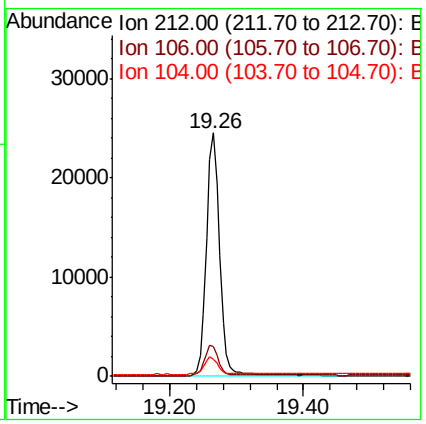


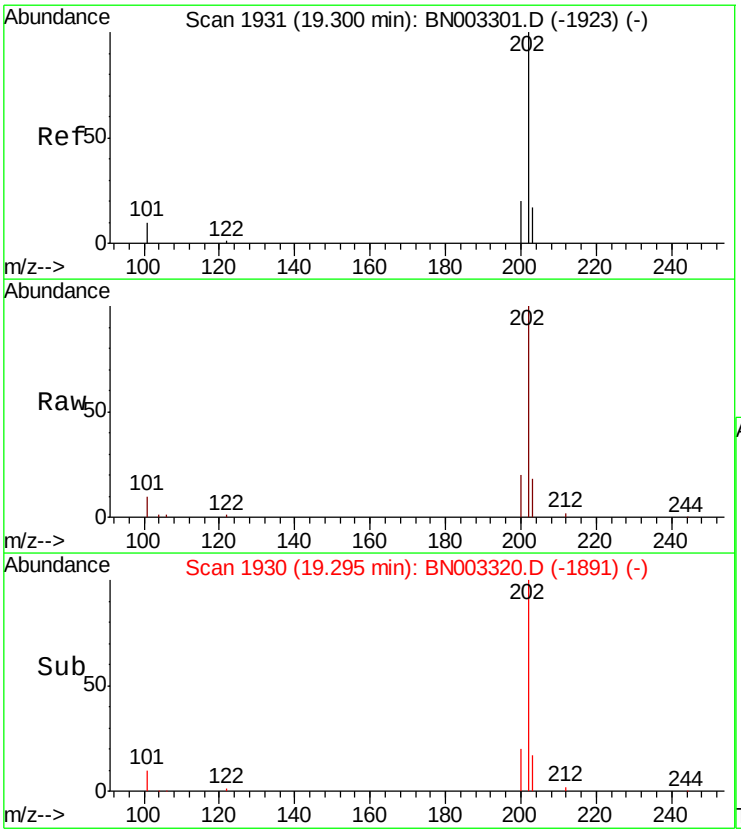
#25
Fluoranthene-d10
Concen: 0.151 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:212 Resp: 33485

Ion	Ratio	Lower	Upper
212	100		
106	12.5	10.3	15.5
104	7.1	5.6	8.4

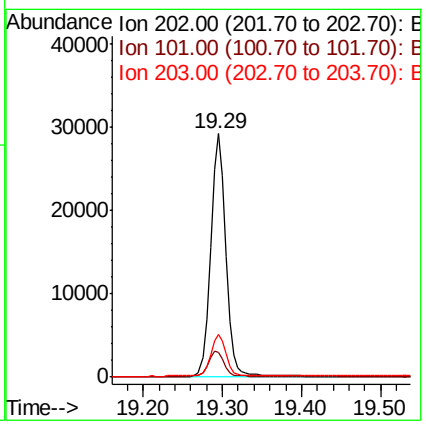


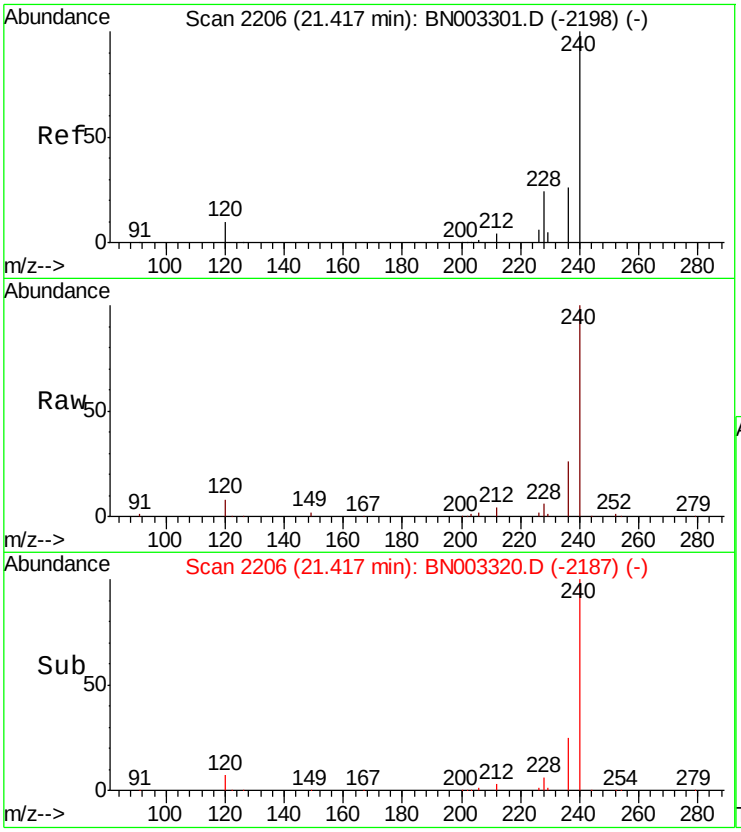


#26
Fluoranthene
Concen: 0.163 ng
RT: 19.29 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:202 Resp: 39059

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.0	13.8	20.6



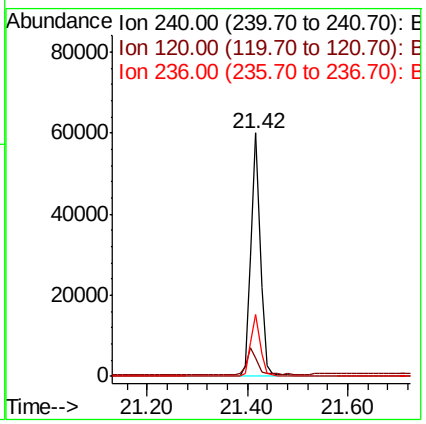


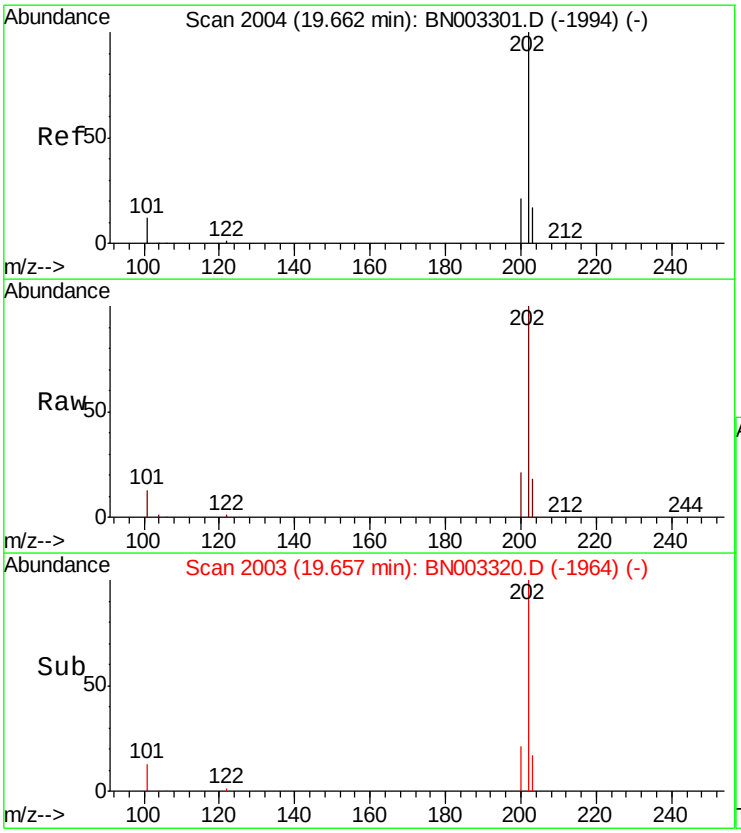
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:240 Resp: 75664

Ion	Ratio	Lower	Upper
240	100		
120	7.8	9.3	13.9#
236	25.5	21.0	31.4

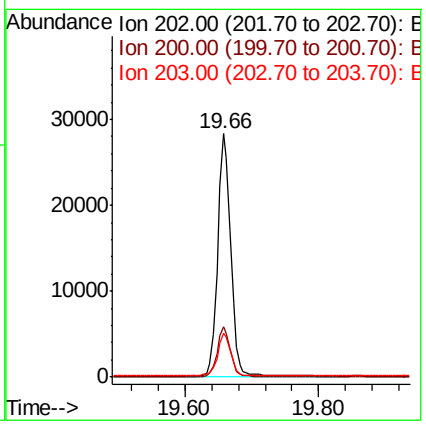


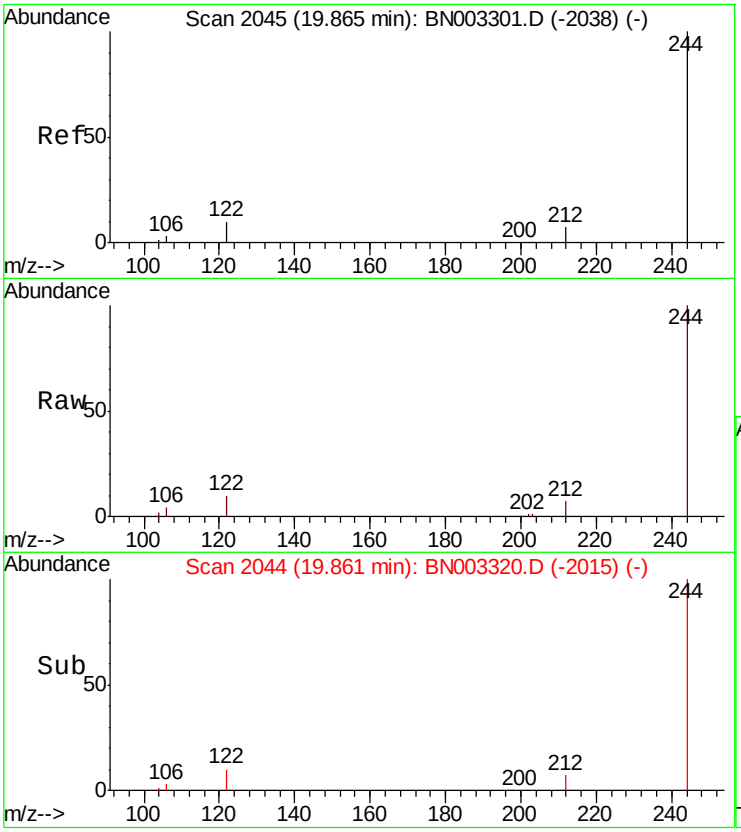


#28
Pyrene
Concen: 0.184 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:202 Resp: 38473

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	18.0	13.9	20.9



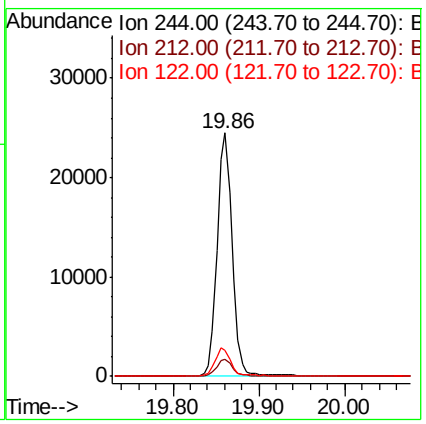


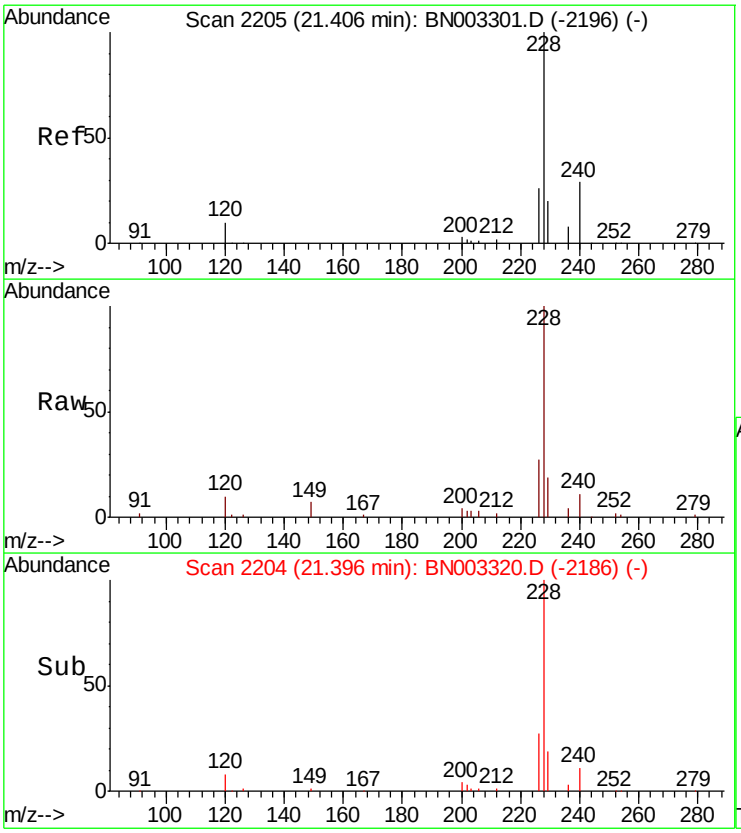
#29
Terphenyl-d14
Concen: 0.168 ng
RT: 19.86 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:244 Resp: 29598

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.5	8.5	12.7

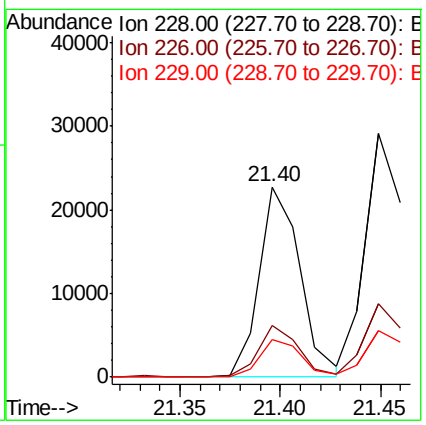


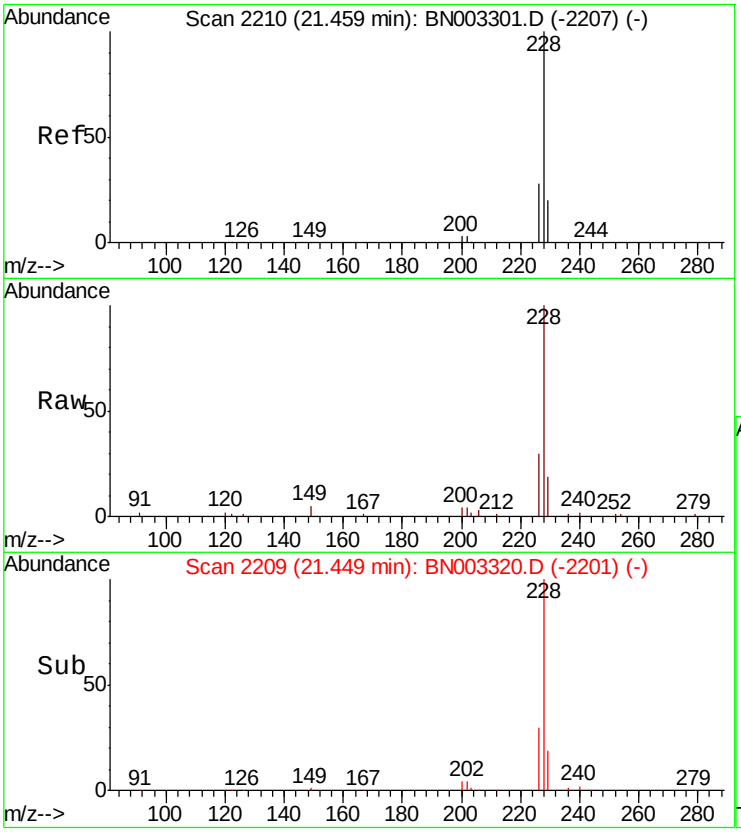


#30
Benzo(a)anthracene
Concen: 0.163 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:228 Resp: 32368

Ion	Ratio	Lower	Upper
228	100		
226	27.4	20.8	31.2
229	19.4	16.1	24.1



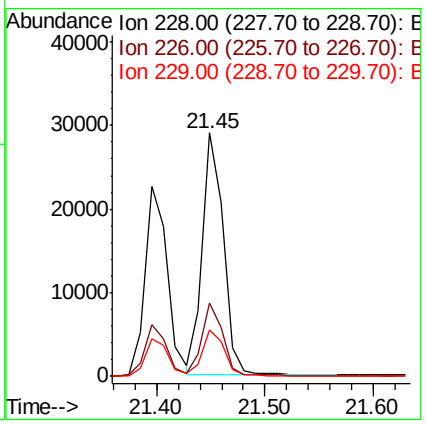


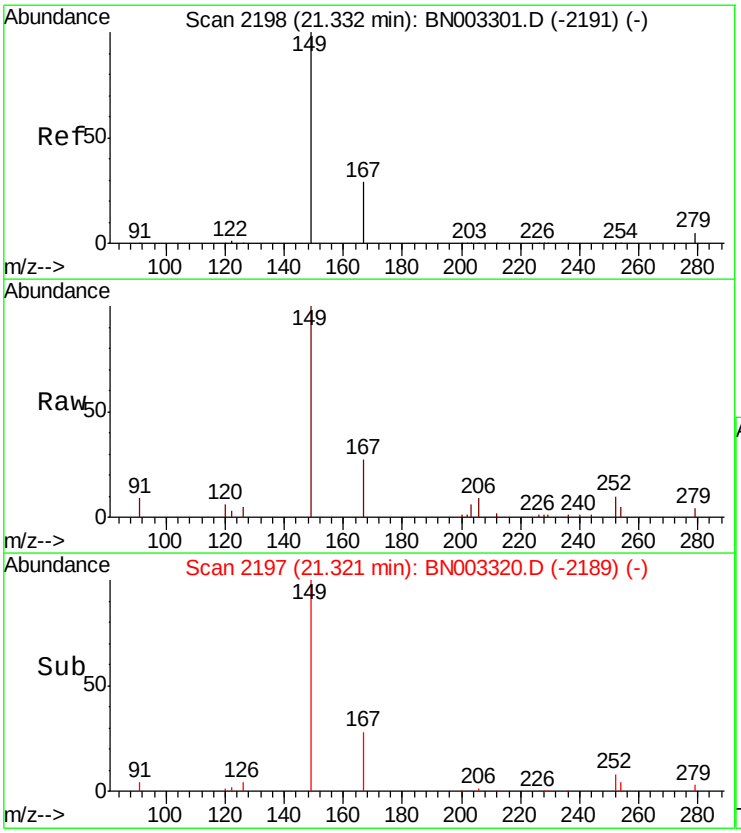
#31
Chrysene
Concen: 0.184 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:228 Resp: 39337

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.7	34.1
229	19.2	16.0	24.0

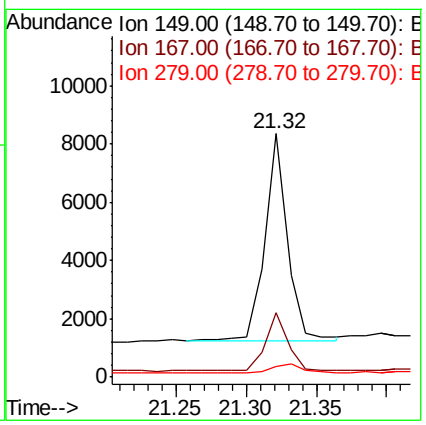


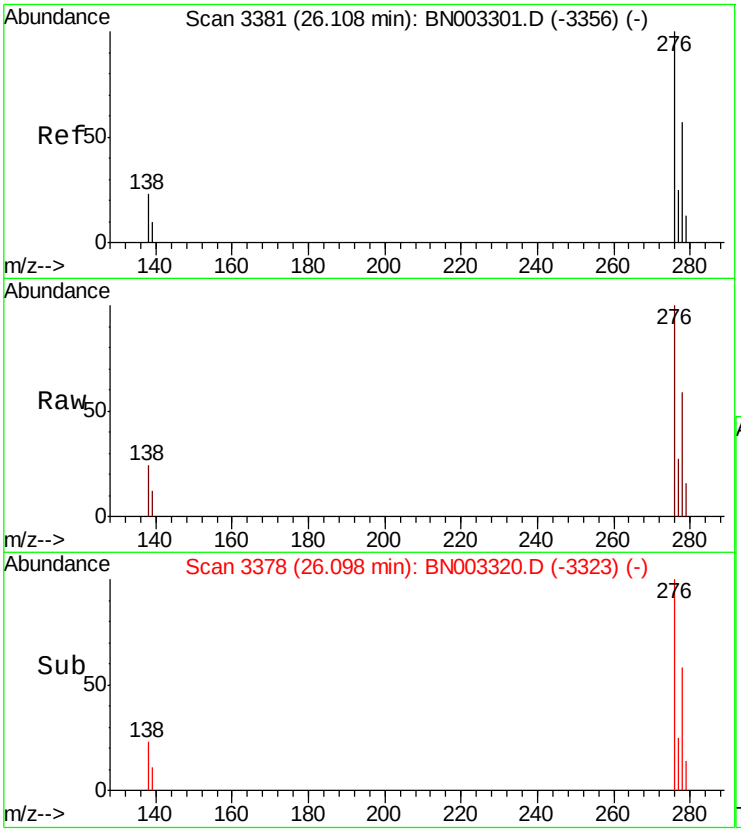


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:149 Resp: 8008

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.4	3.9	5.9



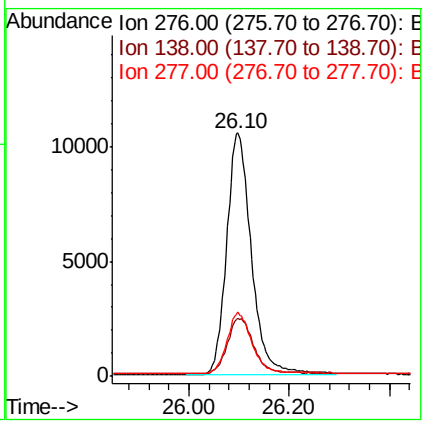


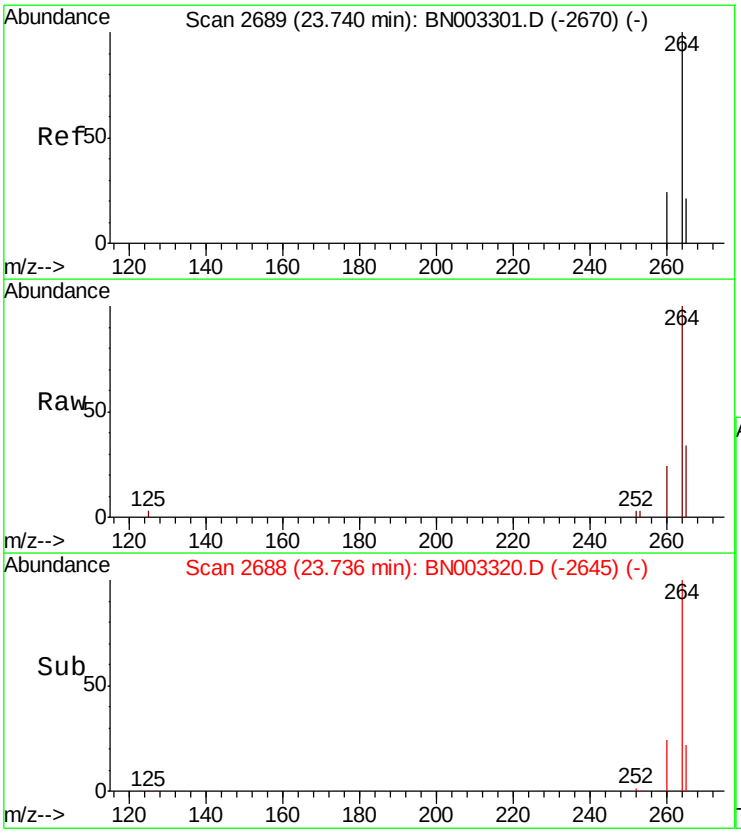
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng
RT: 26.10 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:276 Resp: 36390

Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.6	30.8
277	24.8	20.0	30.0

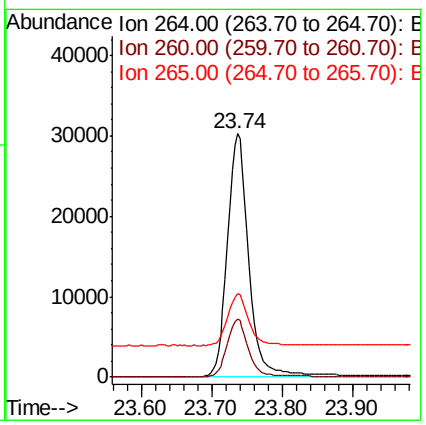


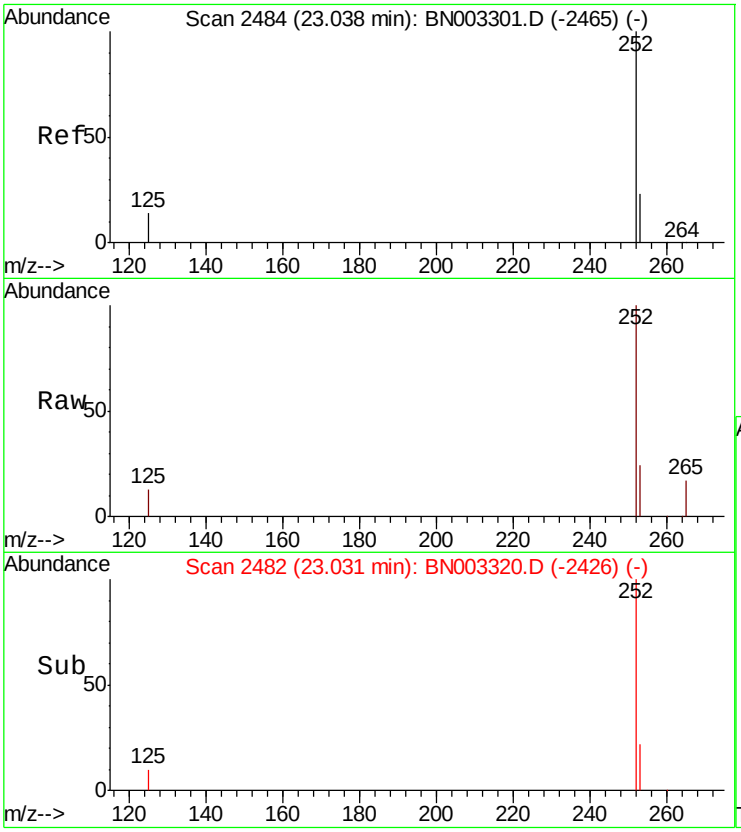


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:264 Resp: 63503

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	34.4	26.4	39.6



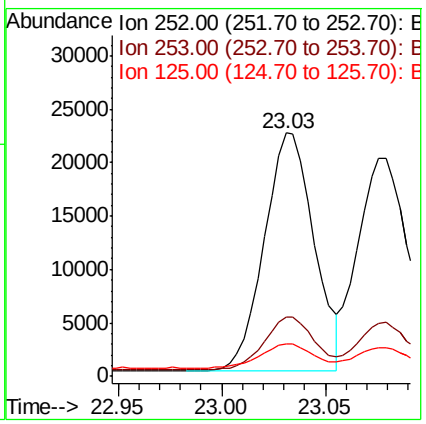


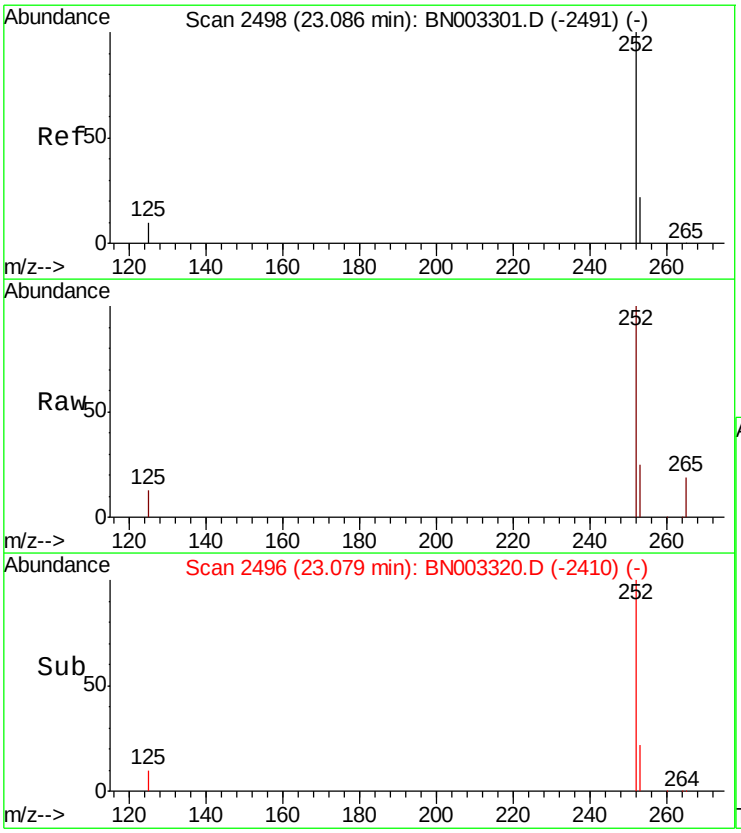
#35
Benzo(b)fluoranthene
Concen: 0.190 ng
RT: 23.03 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:252 Resp: 37191

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	13.4	12.7	19.1

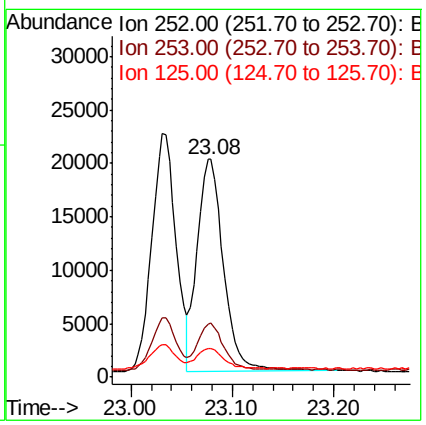


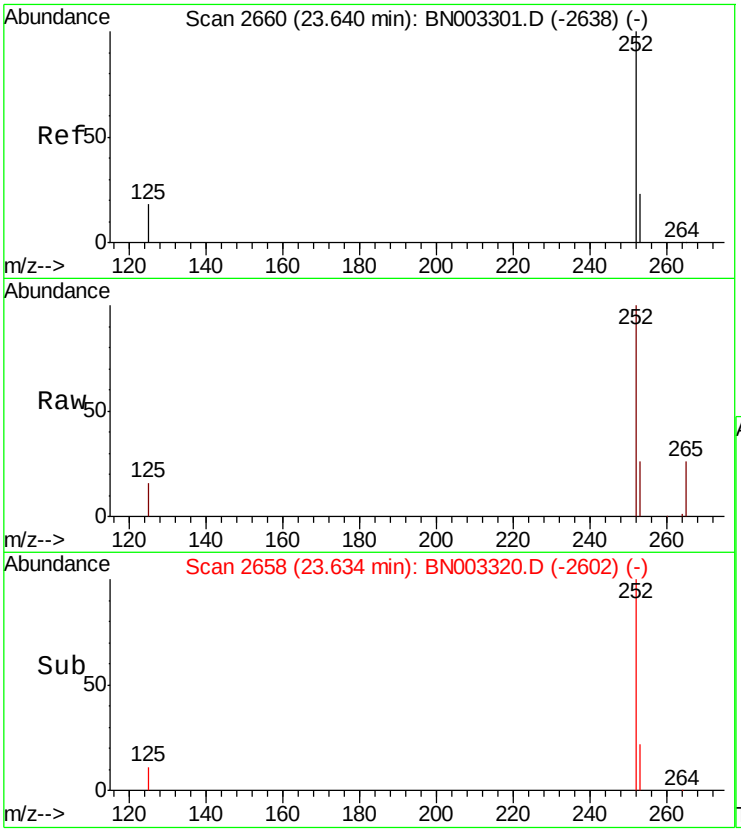


#36
Benzo(k)fluoranthene
Concen: 0.182 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:252 Resp: 35697

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	13.2	9.1	13.7



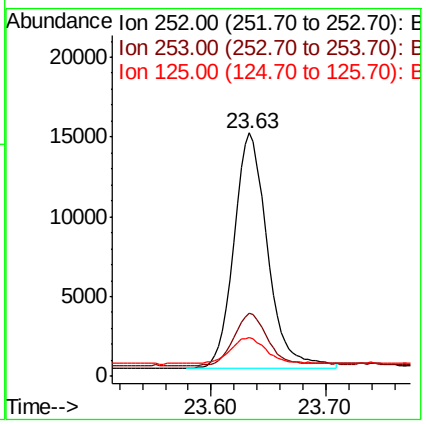


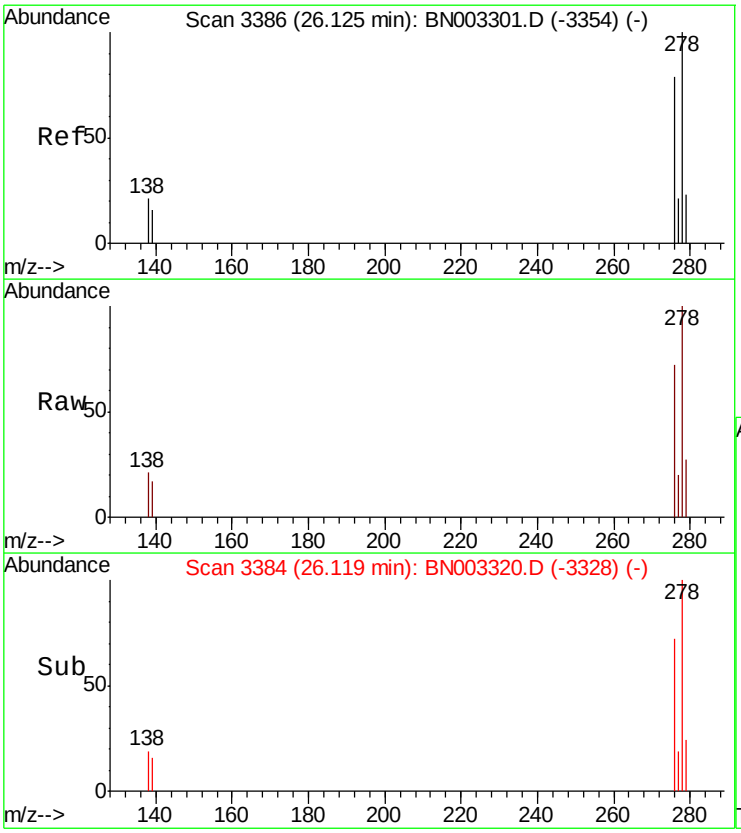
#37
Benzo(a)pyrene
Concen: 0.166 ng
RT: 23.63 min Scan# 2658
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:252 Resp: 29957

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.1	30.1
125	15.9	16.0	24.0#

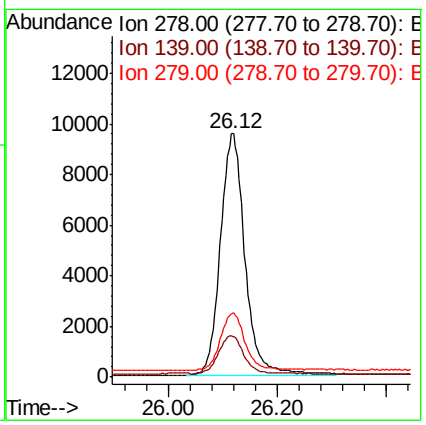


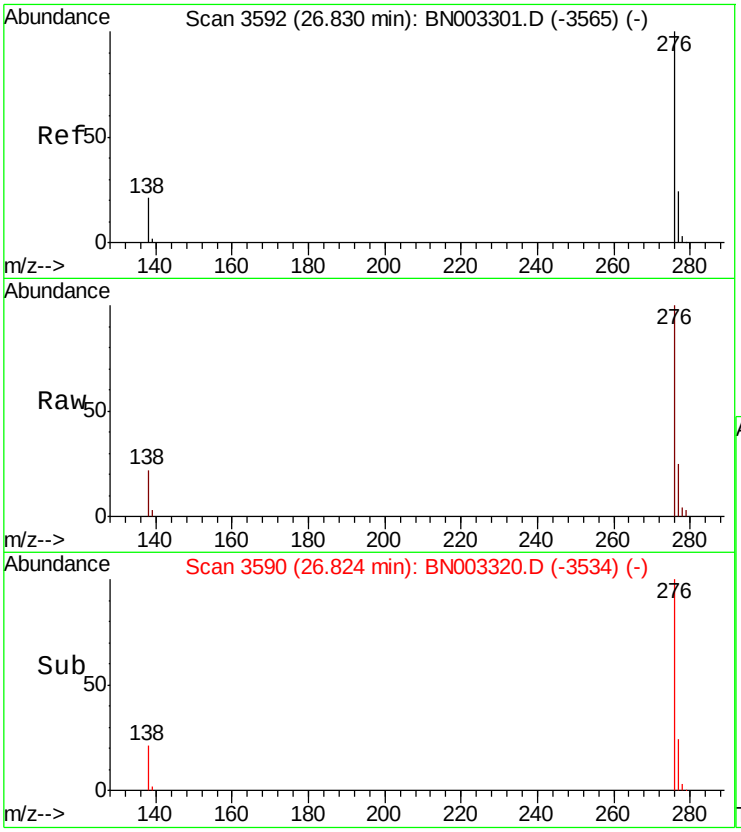


#38
Dibenzo(a,h)anthracene
Concen: 0.177 ng
RT: 26.12 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Tgt Ion:278 Resp: 29808

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	26.6	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.199 ng
RT: 26.82 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BN003320.D
Acq: 27 Oct 2018 00:15

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:276 Resp: 33420

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	22.2	17.4	26.2