Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
Data File : BN000201.D
Acq On : 28 Feb 2018 11:51
Operator : JU/SJ
Sample : MDL-W-05
Misc : 0.07PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-05

Quant Time: Feb 28 17:00:47 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	5500	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	20338	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	10108	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	24325	0.40	ng		0.00
27) Chrysene-d12	21.90	240	18290	0.40	ng		0.00
34) Perylene-d12	24.37	264	15057	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	3846	0.33	ng		0.00
5) Phenol-d6	7.58	99	4658	0.32	ng		0.00
8) Nitrobenzene-d5	9.63	82	3946	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	11322	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	971	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	17270	0.36	ng		0.00
25) Fluoranthene-d10	19.77	212	21826	0.34	ng		0.00
29) Terphenyl-d14	20.34	244	12585	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	328	0.058	ng	#	80
3) n-Nitrosodimethylamine	3.98	42	25	0.105	ng	#	1
6) bis(2-Chloroethyl)ether	7.85	93	1071	0.057	ng		98
9) Naphthalene	11.34	128	3626	0.061	ng	#	92
10) Hexachlorobutadiene	11.62	225	589	0.058	ng		98
12) 2-Methylnaphthalene	12.92	142	2243	0.058	ng		97
16) Acenaphthylene	14.78	152	2384	0.050	ng		99
17) Acenaphthene	15.13	154	2126	0.057	ng		96
18) Fluorene	16.09	166	2617	0.056	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	716	0.051	ng	#	84
21) Hexachlorobenzene	17.09	284	1014	0.054	ng		94
22) Pentachlorophenol	17.43	266	196	0.129	ng	#	81
23) Phenanthrene	17.82	178	4727	0.055	ng		98
24) Anthracene	17.91	178	3056	0.047	ng		95
26) Fluoranthene	19.80	202	4646	0.052	ng	#	94
28) Pyrene	20.15	202	4625	0.064	ng		99
30) Benzo(a)anthracene	21.88	228	3178	0.055	ng		98
31) Chrysene	21.93	228	3964	0.059	ng		97
32) Bis(2-ethylhexyl)phthalate	21.76	149	1550	0.072	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.92	276	3347	0.053	ng	#	89
35) Benzo(b)fluoranthene	23.61	252	3904	0.057	ng	#	82
36) Benzo(k)fluoranthene	23.66	252	3598	0.054	ng	#	54
37) Benzo(a)pyrene	24.26	252	2885	0.052	ng	#	49
38) Dibenzo(a,h)anthracene	26.93	278	2505	0.050	ng	#	73
39) Benzo(g,h,i)perylene	27.70	276	3393	0.058	ng	#	77

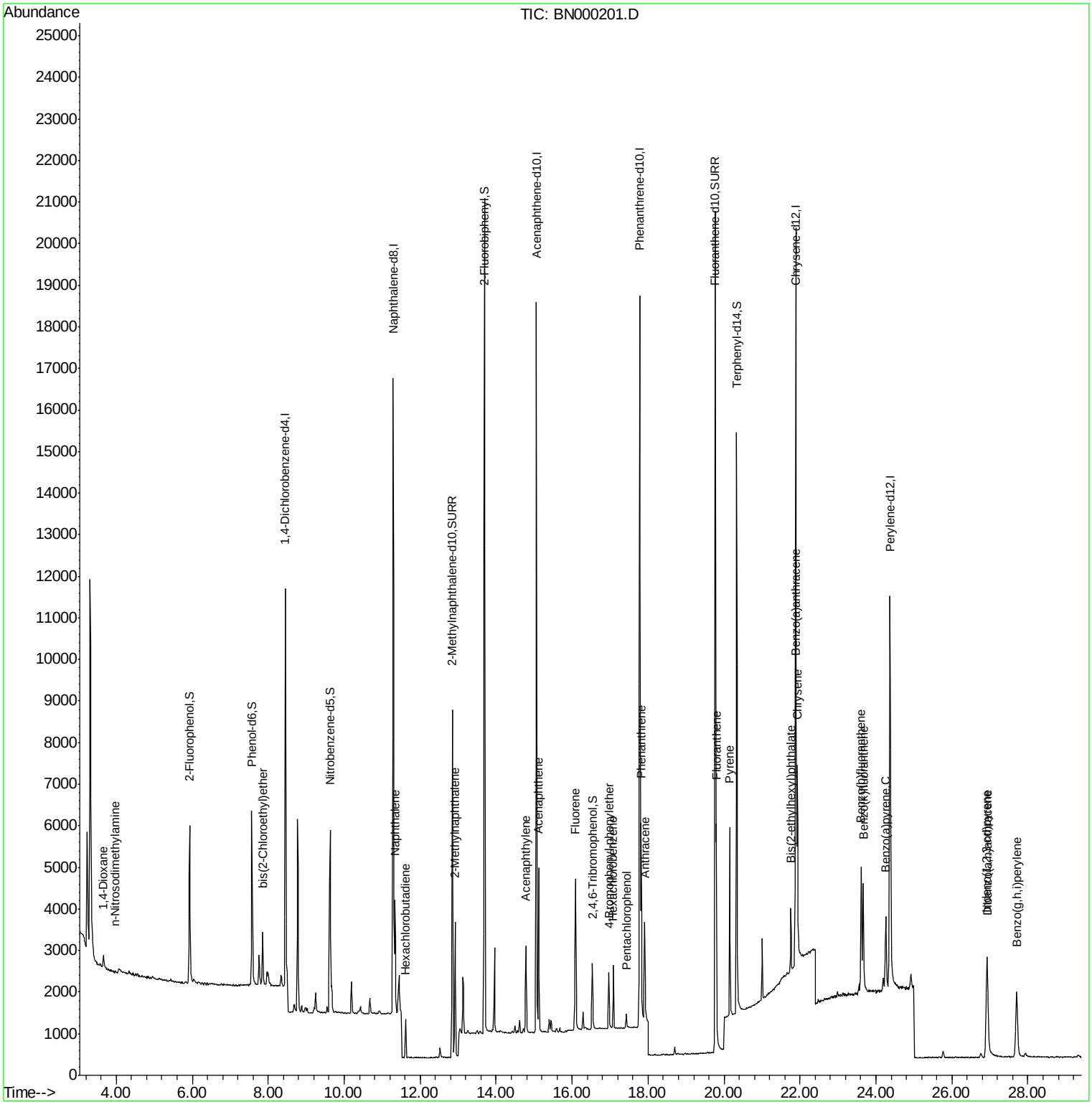
(#) = qualifier out of range (m) = manual integration (+) = signals summed

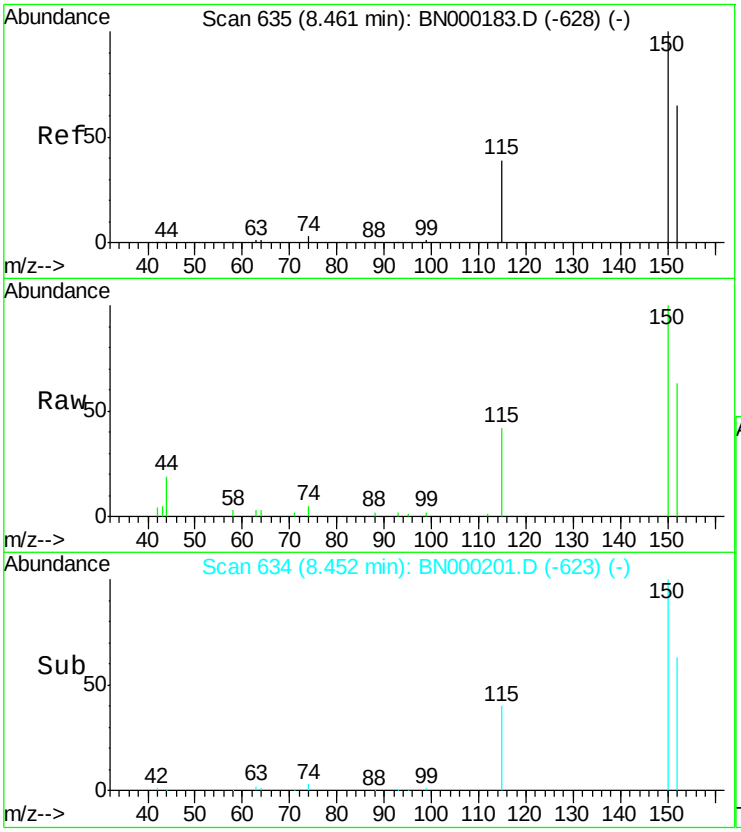
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
Data File : BN000201.D
Acq On : 28 Feb 2018 11:51
Operator : JU/SJ
Sample : MDL-W-05
Misc : 0.07PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Quant Time: Feb 28 17:00:47 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration



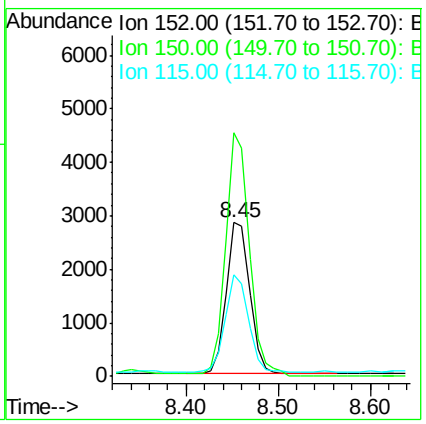


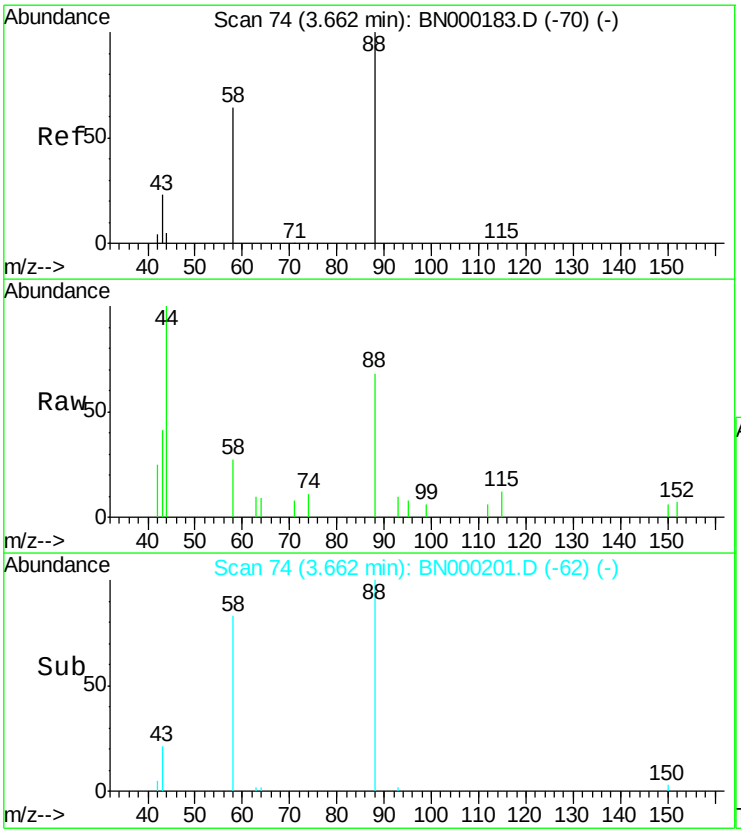
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:152 Resp: 5500

Ion	Ratio	Lower	Upper
152	100		
150	158.4	117.2	175.8
115	66.3	57.0	85.6

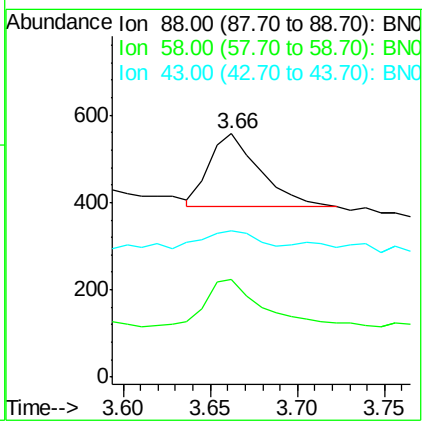


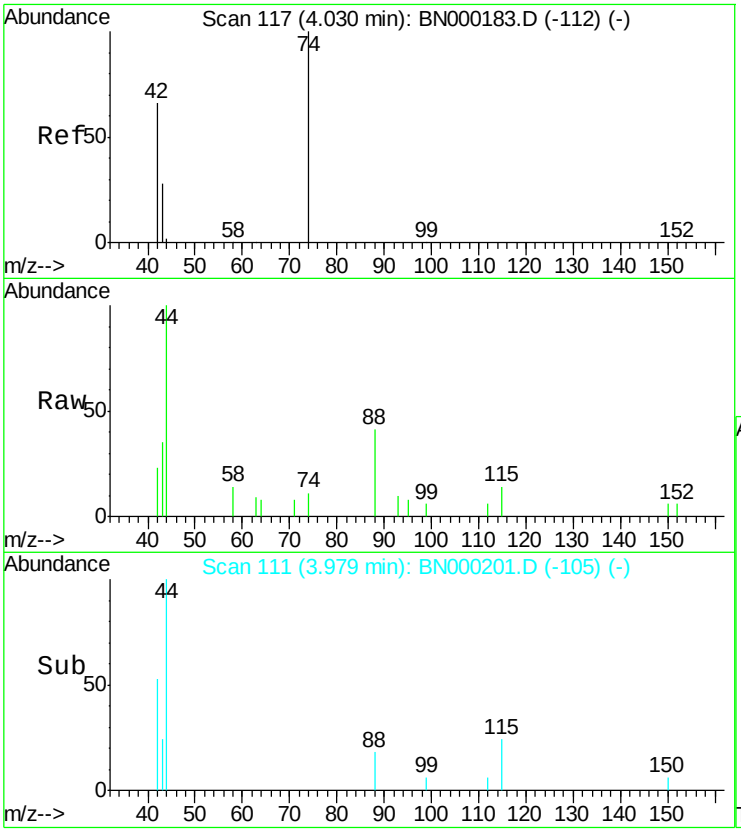


#2
1,4-Dioxane
Concen: 0.058 ng
RT: 3.66 min Scan# 74
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion: 88 Resp: 328

Ion	Ratio	Lower	Upper
88	100		
58	77.4	48.0	72.0#
43	31.4	20.0	30.0#



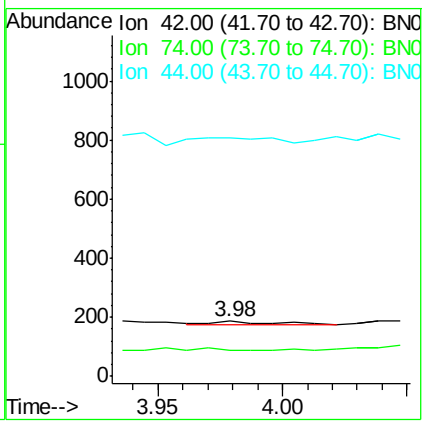


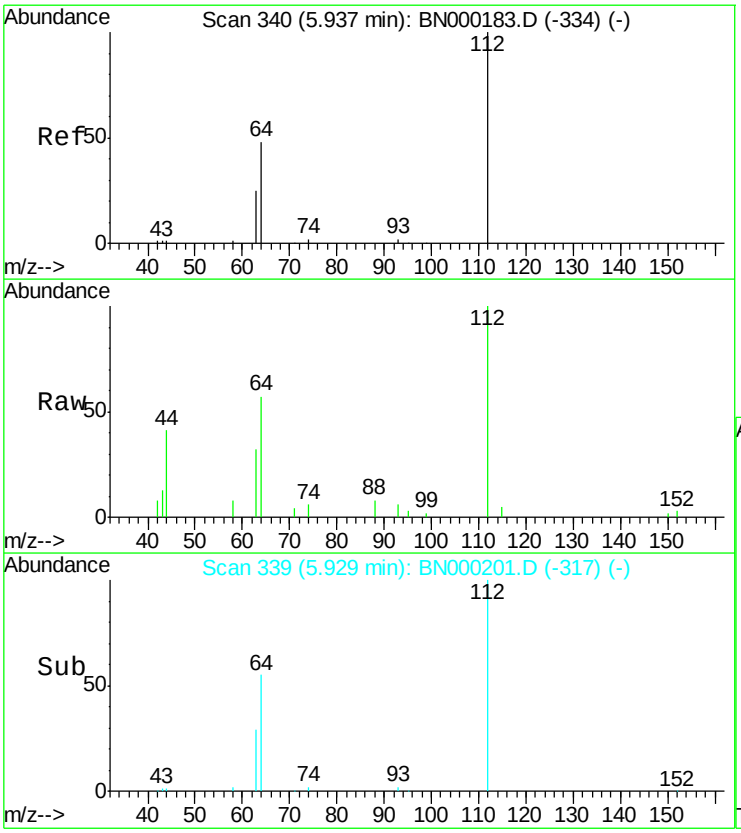
#3
n-Nitrosodimethylamine
Concen: 0.105 ng
RT: 3.98 min Scan# 111
Delta R.T. -0.05 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 42 Resp: 25

Ion	Ratio	Lower	Upper
42	100		
74	0.0	120.0	180.0#
44	276.0	4.0	6.0#

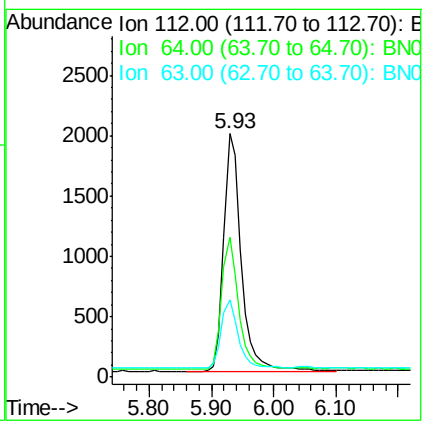


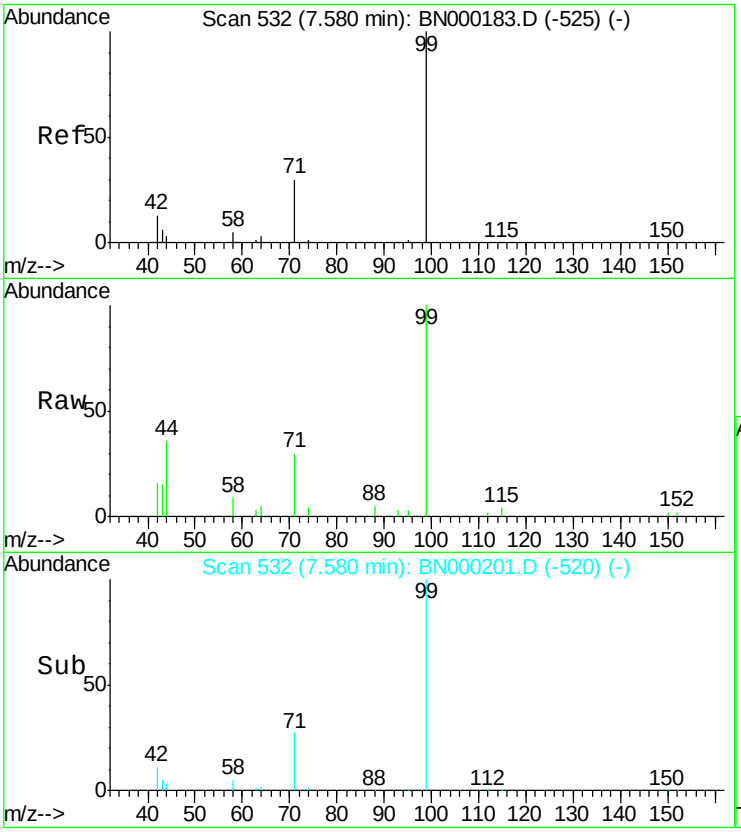


#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:112 Resp: 3846

Ion	Ratio	Lower	Upper
112	100		
64	53.8	60.1	90.1#
63	28.1	116.8	175.2#



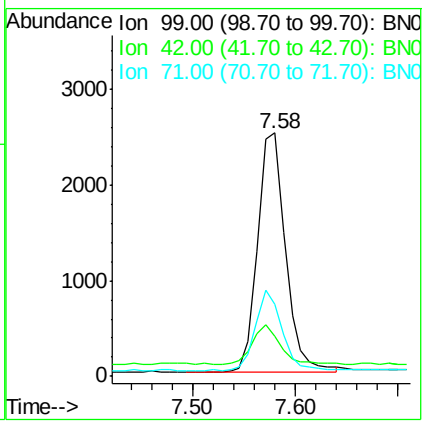


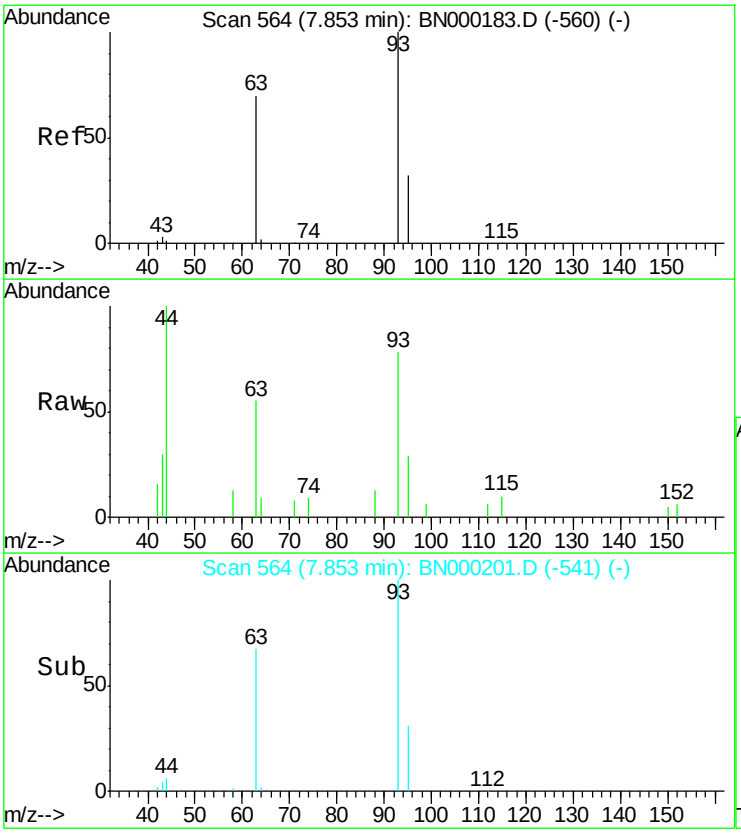
#5
Phenol-d6
Concen: 0.316 ng
RT: 7.58 min Scan# 532
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 99 Resp: 4658

Ion	Ratio	Lower	Upper
99	100		
42	16.9	20.2	30.2#
71	31.7	28.4	42.6

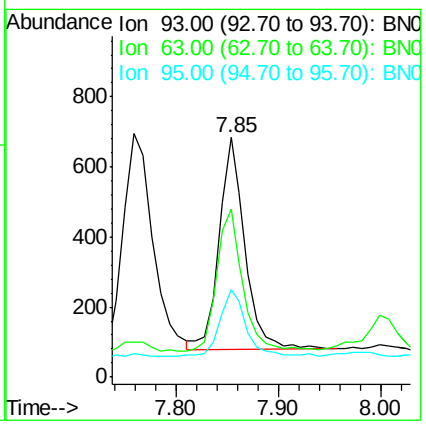


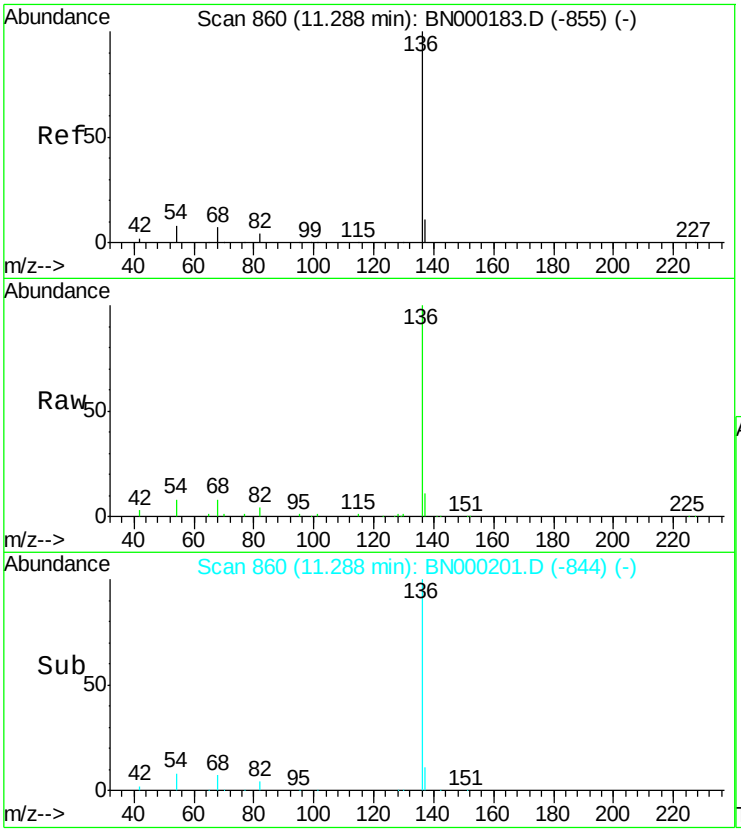


#6
bis(2-Chloroethyl)ether
Concen: 0.057 ng
RT: 7.85 min Scan# 564
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion: 93 Resp: 1071

Ion	Ratio	Lower	Upper
93	100		
63	68.2	56.0	84.0
95	31.6	25.2	37.8



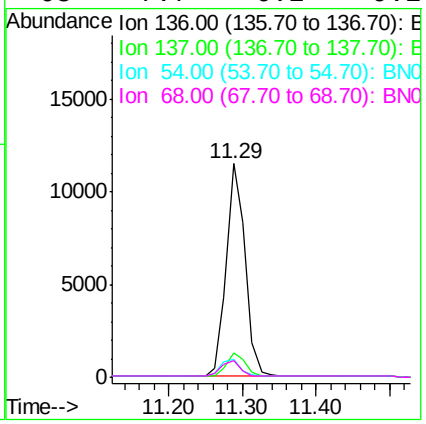


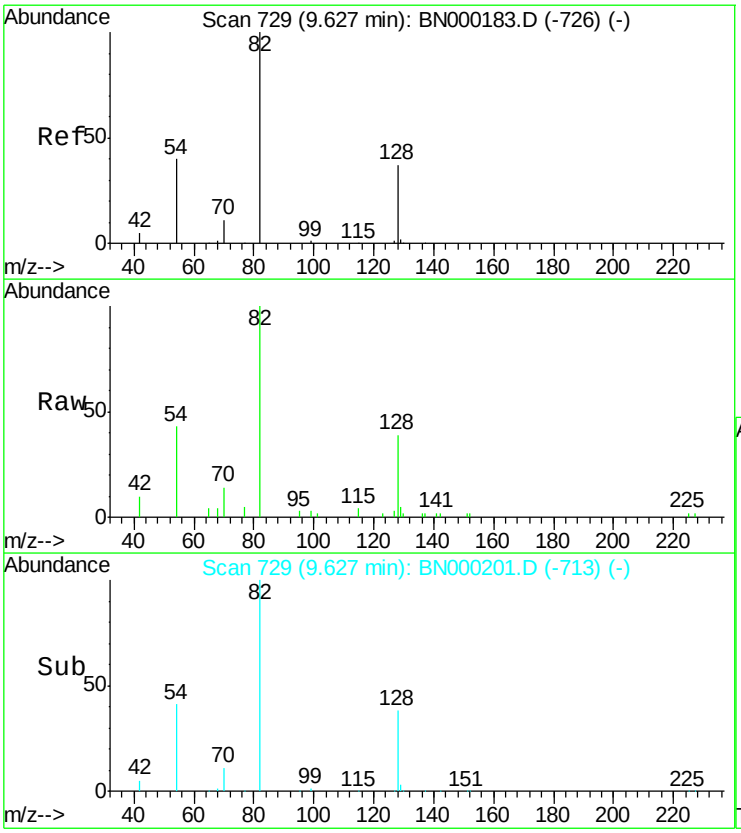
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 860
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:136 Resp: 20338

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	8.3	29.1	43.7#
68	7.7	6.2	9.2

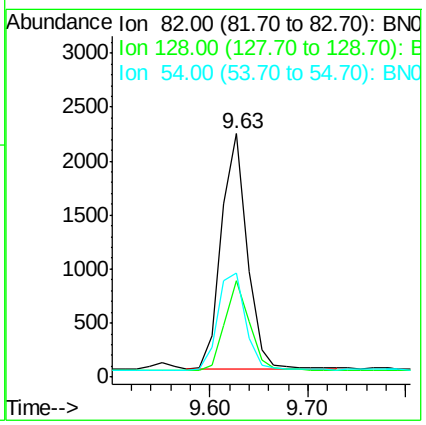


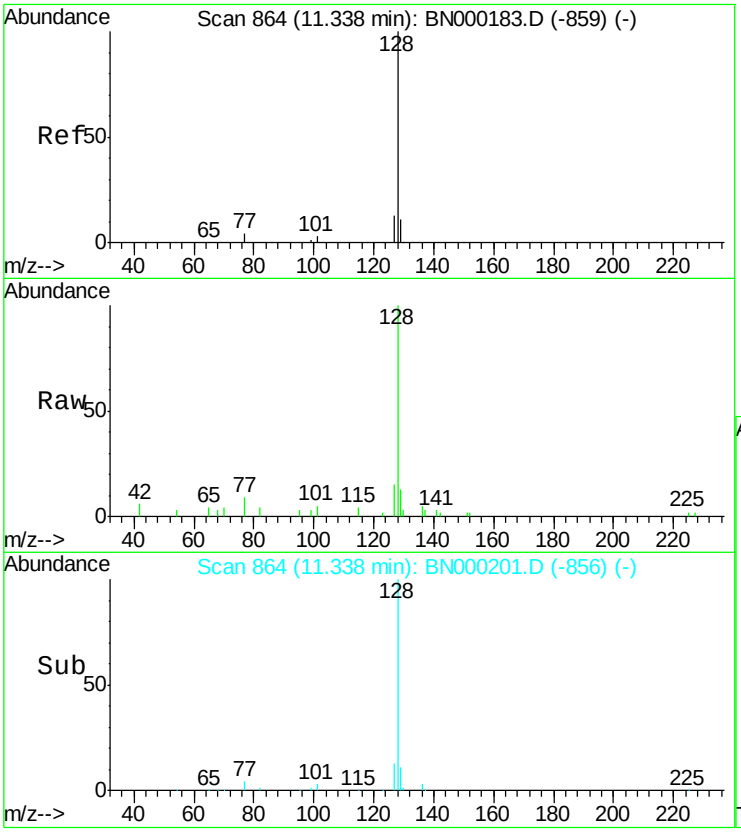


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 9.63 min Scan# 729
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion: 82 Resp: 3946

Ion	Ratio	Lower	Upper
82	100		
128	39.4	150.0	225.0#
54	42.9	154.2	231.4#



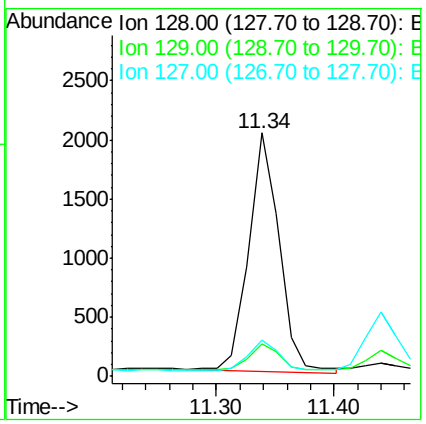


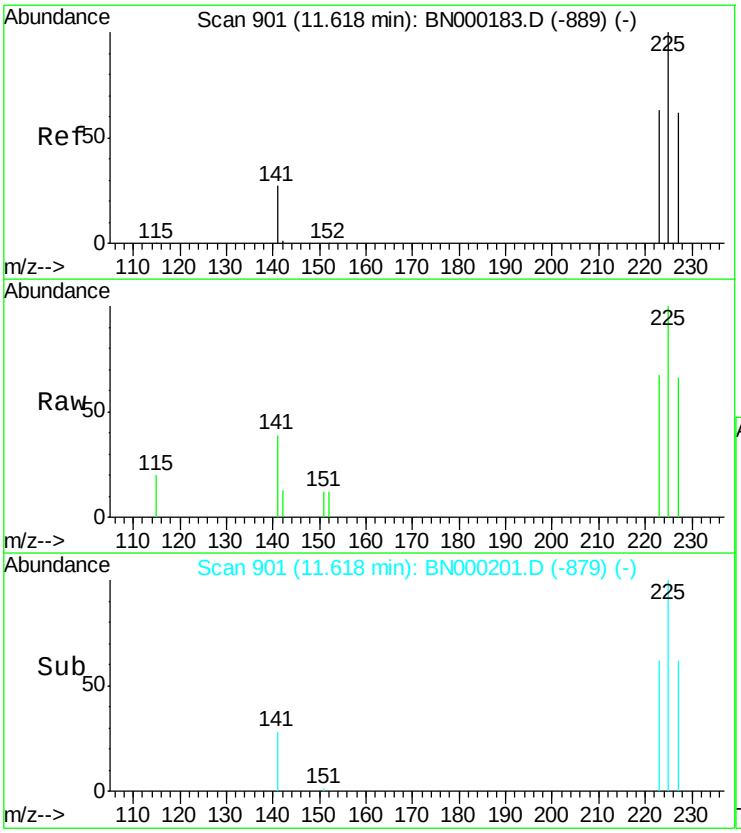
#9
Naphthalene
Concen: 0.061 ng
RT: 11.34 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:128 Resp: 3626

Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.0	12.0#
127	14.9	9.6	14.4#

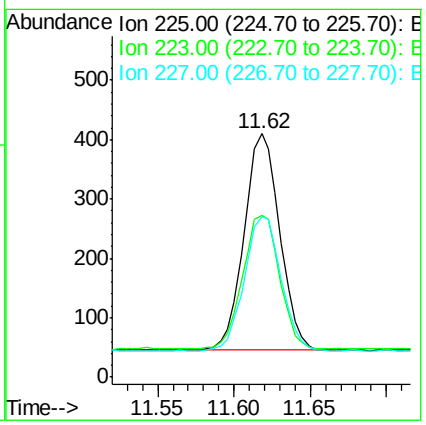


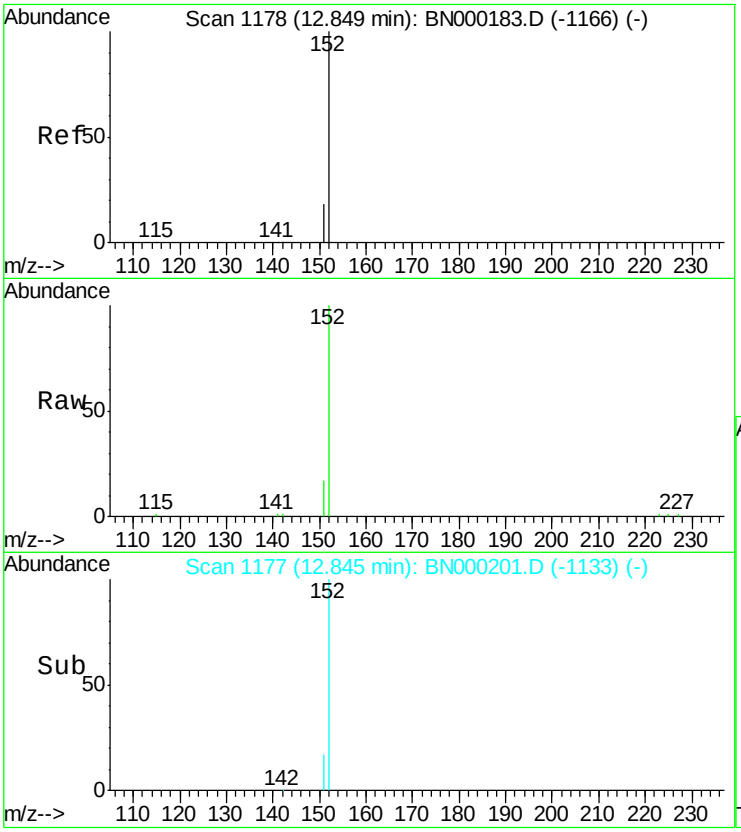


#10
Hexachlorobutadiene
Concen: 0.058 ng
RT: 11.62 min Scan# 901
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:225 Resp: 589

Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.0	79.6
227	63.7	51.4	77.2



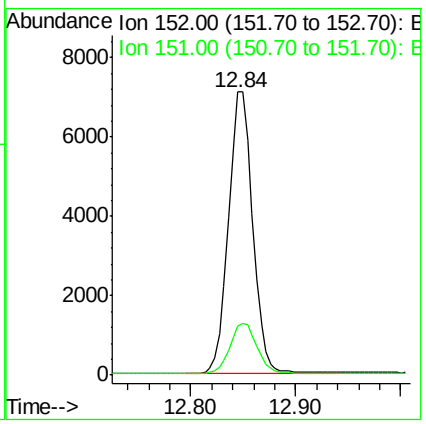


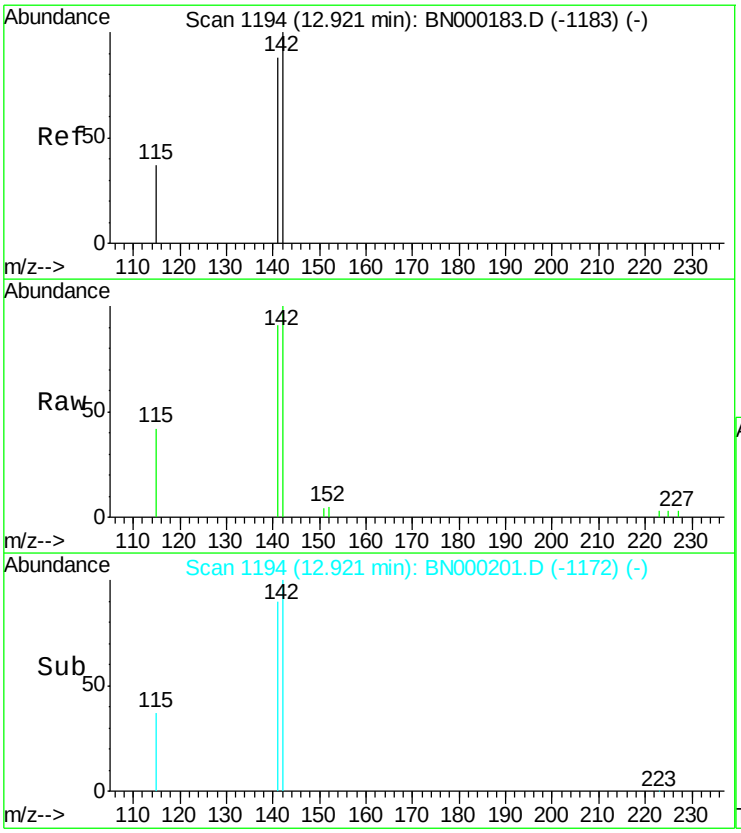
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.84 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:152 Resp: 11322

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

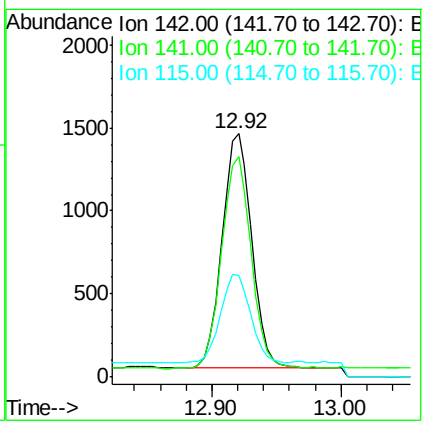


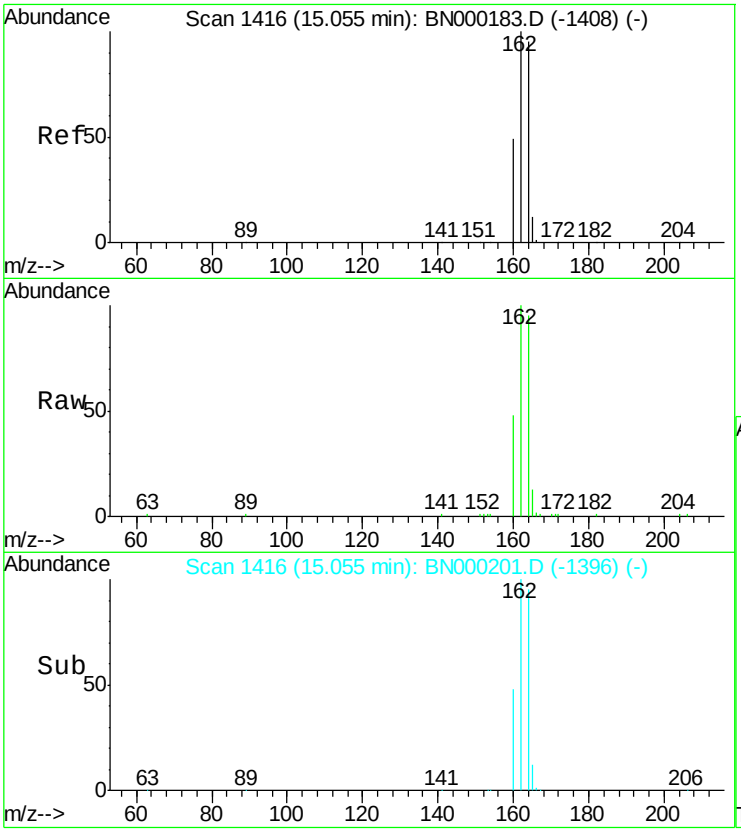


#12
2-Methylnaphthalene
Concen: 0.058 ng
RT: 12.92 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:142 Resp: 2243

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6
115	41.8	31.7	47.5



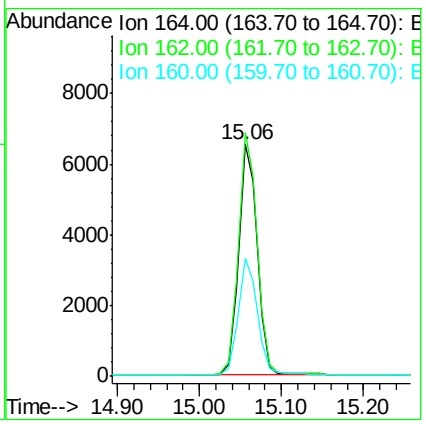


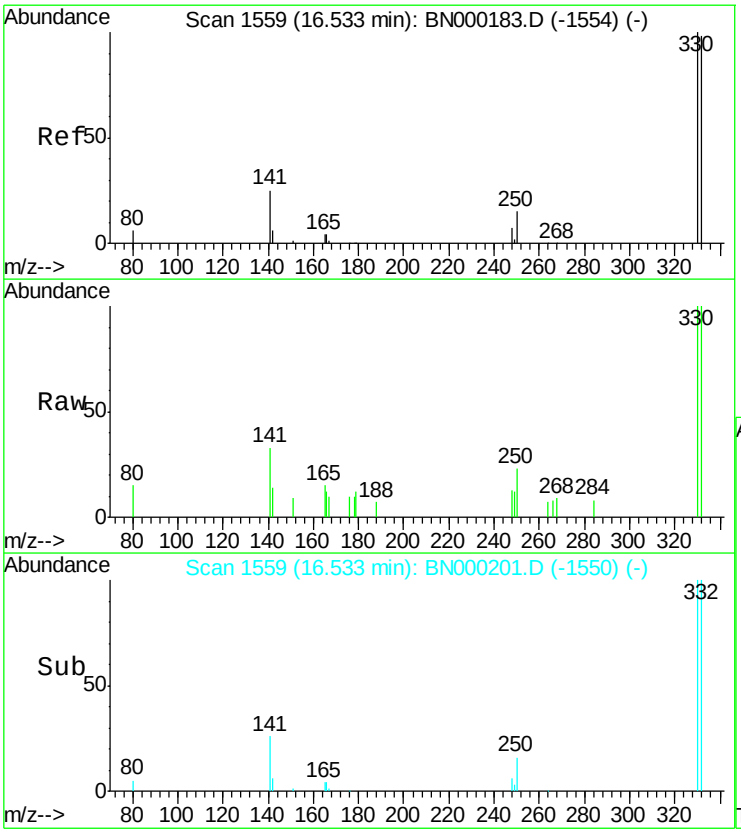
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:164 Resp: 10108

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.1	124.7
160	50.9	37.1	55.7

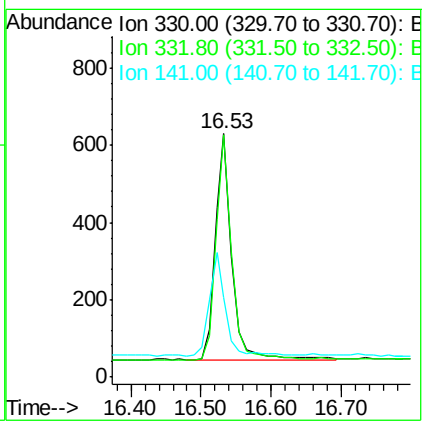


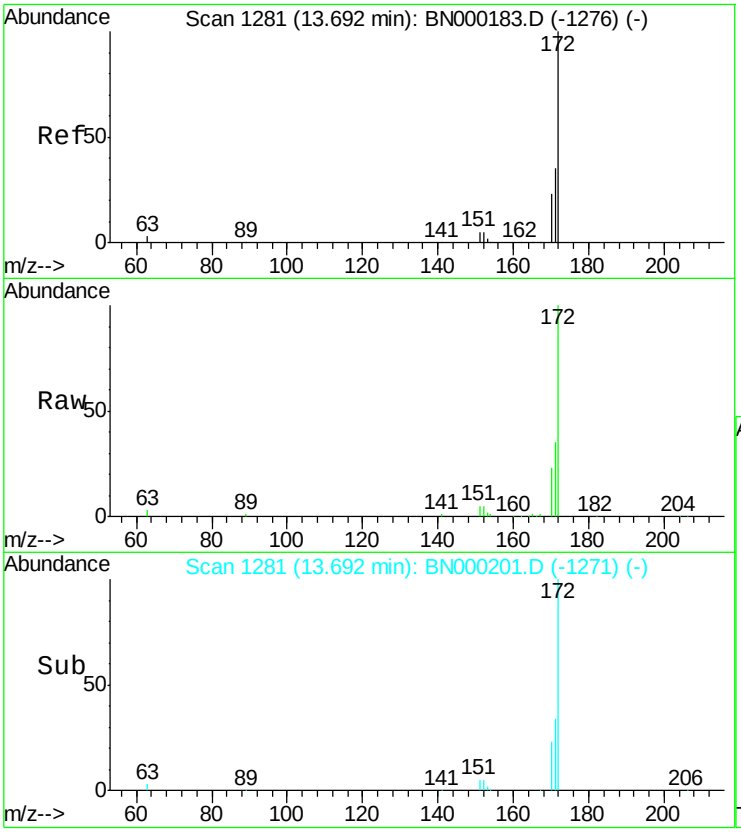


#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 16.53 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:330 Resp: 971

Ion	Ratio	Lower	Upper
330	100		
332	96.4	152.7	229.1#
141	44.2	33.7	50.5



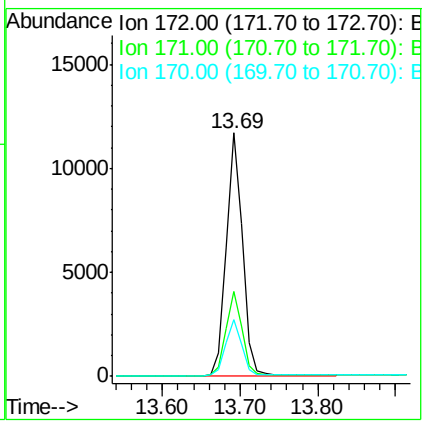


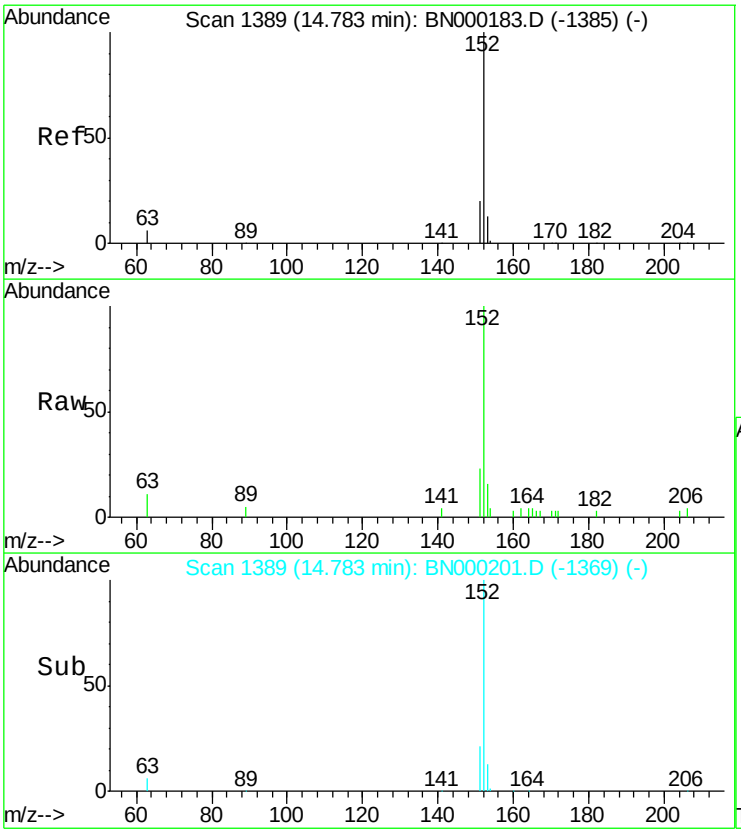
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.69 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:172 Resp: 17270

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	23.3	21.8	32.8

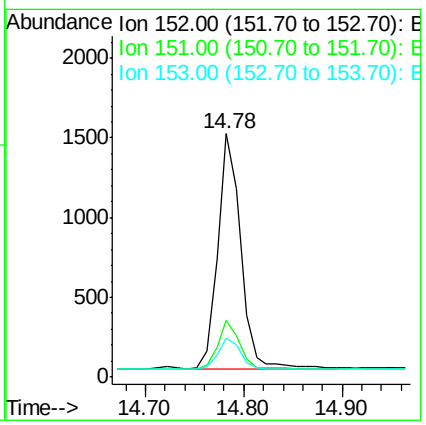


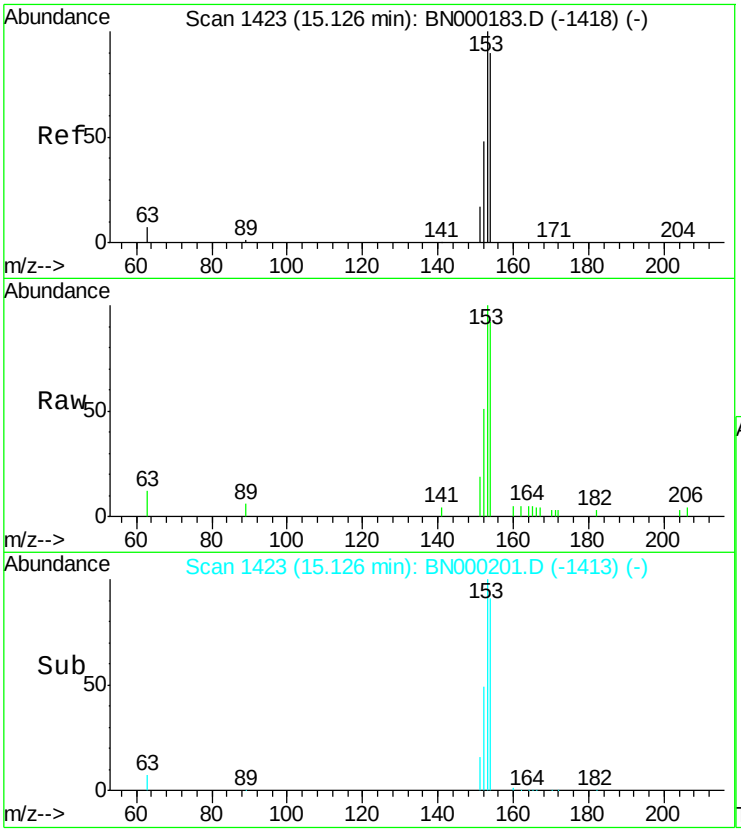


#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.78 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:152 Resp: 2384

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.3	10.5	15.7



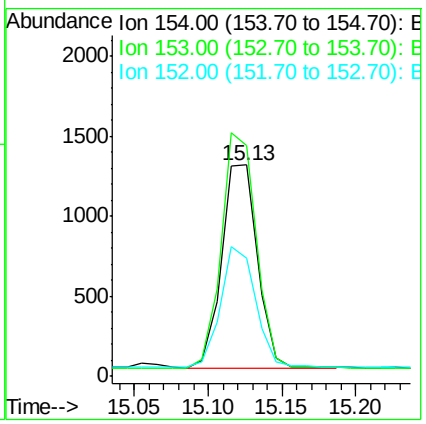


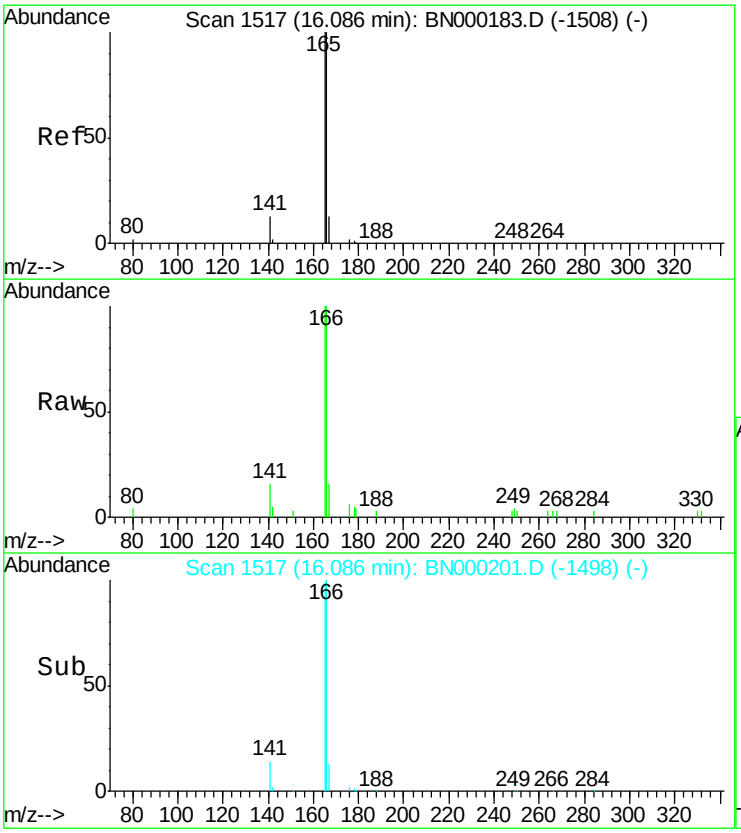
#17
Acenaphthene
Concen: 0.057 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:154 Resp: 2126

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.2	133.8
152	58.5	42.0	63.0

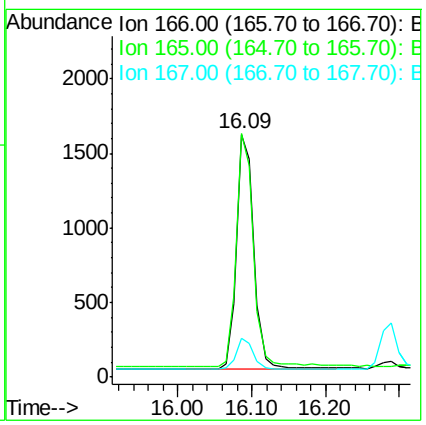


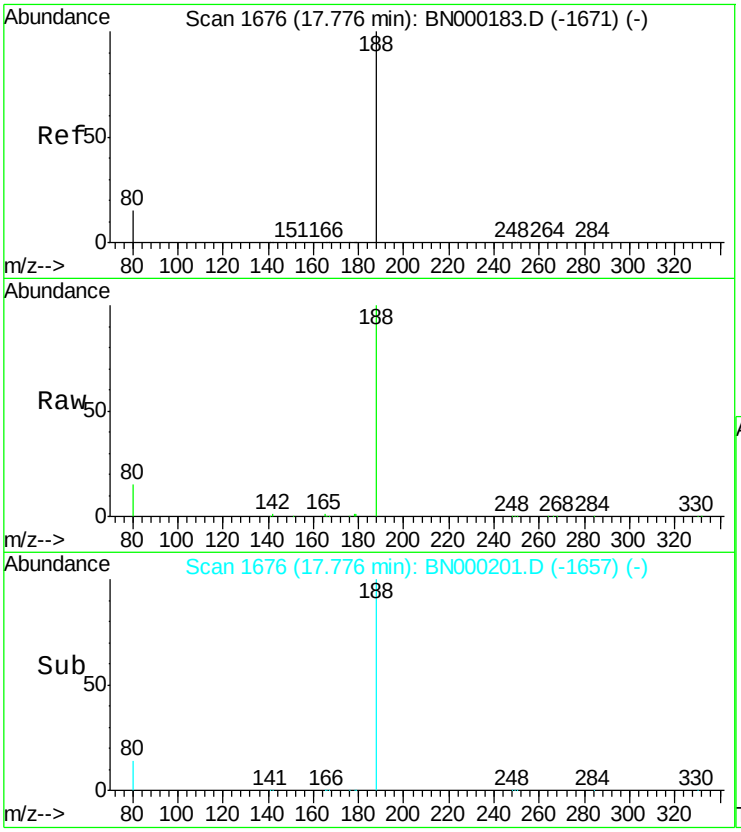


#18
Fluorene
Concen: 0.056 ng
RT: 16.09 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:166 Resp: 2617

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.5	42.4	63.6#



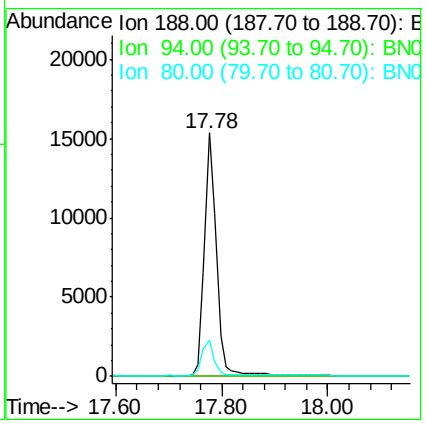


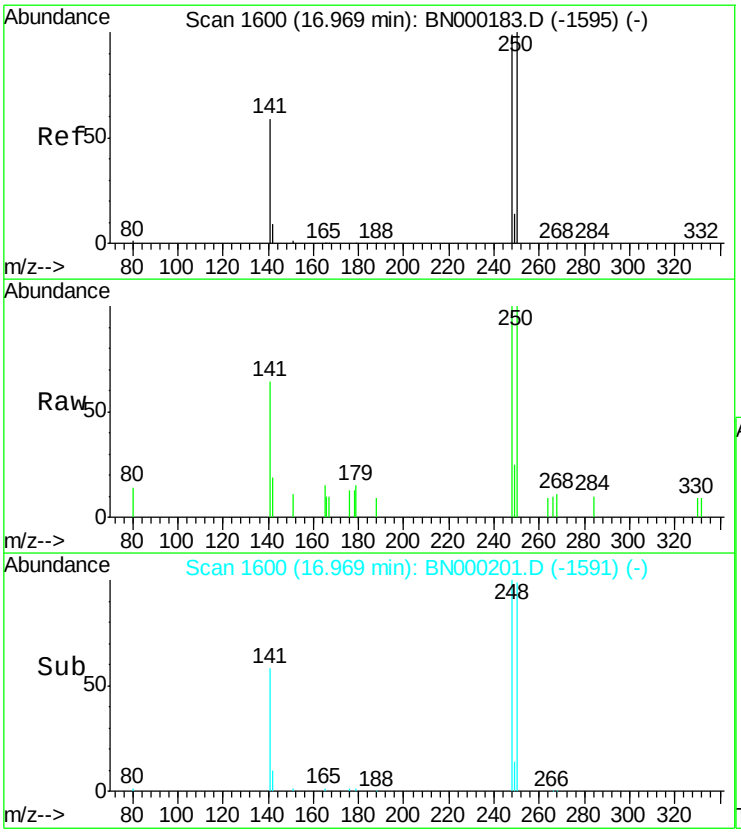
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:188 Resp: 24325

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.7	3.6	5.4#

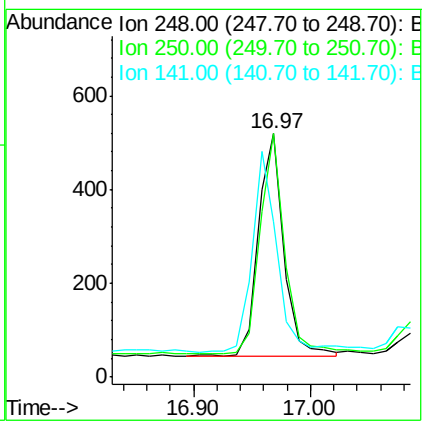


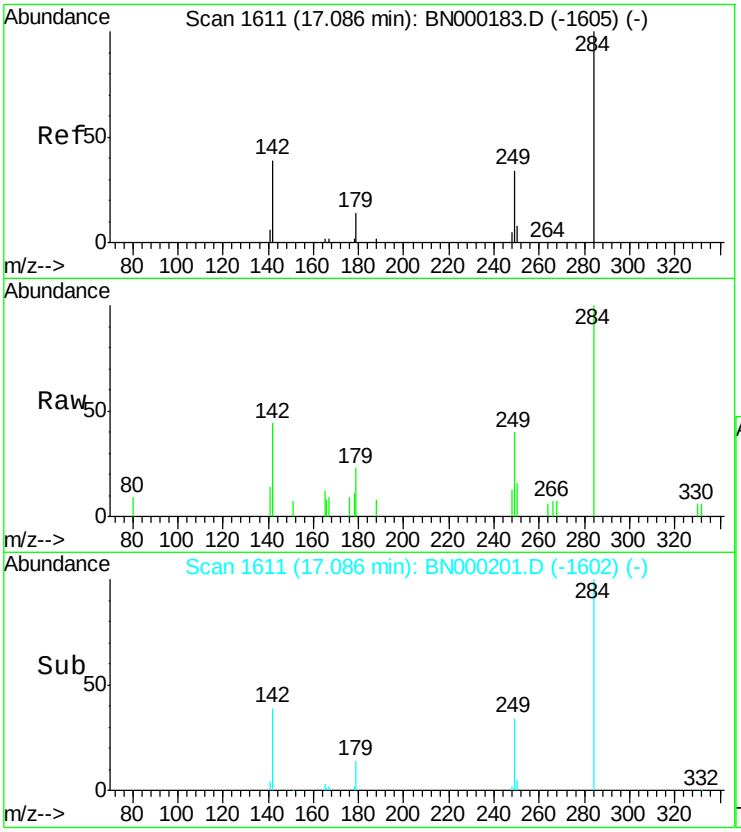


#20
4-Bromophenyl-phenylether
Concen: 0.051 ng
RT: 16.97 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:248 Resp: 716

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	64.0	48.2	72.2



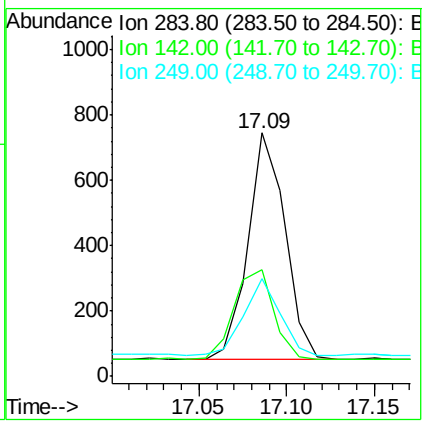


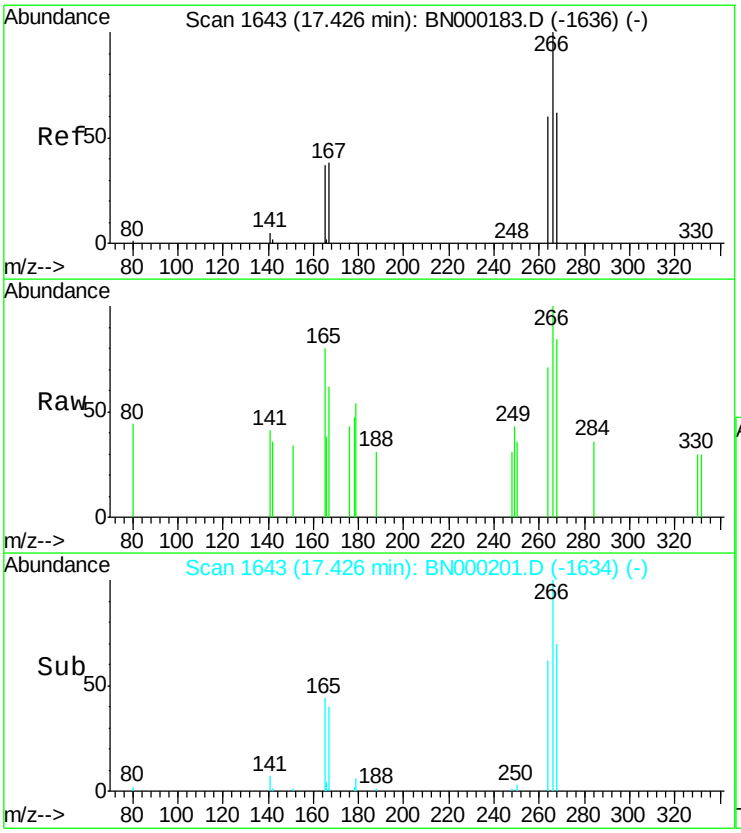
#21
Hexachlorobenzene
Concen: 0.054 ng
RT: 17.09 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:284 Resp: 1014

Ion	Ratio	Lower	Upper
284	100		
142	43.3	32.0	48.0
249	34.1	24.0	36.0

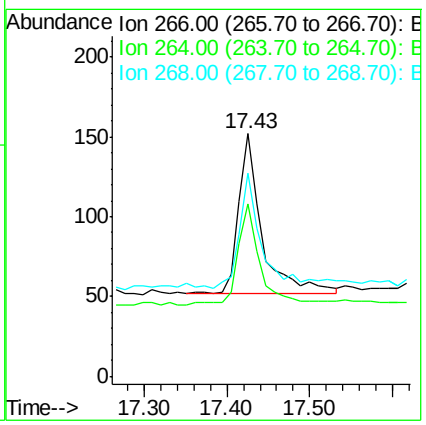


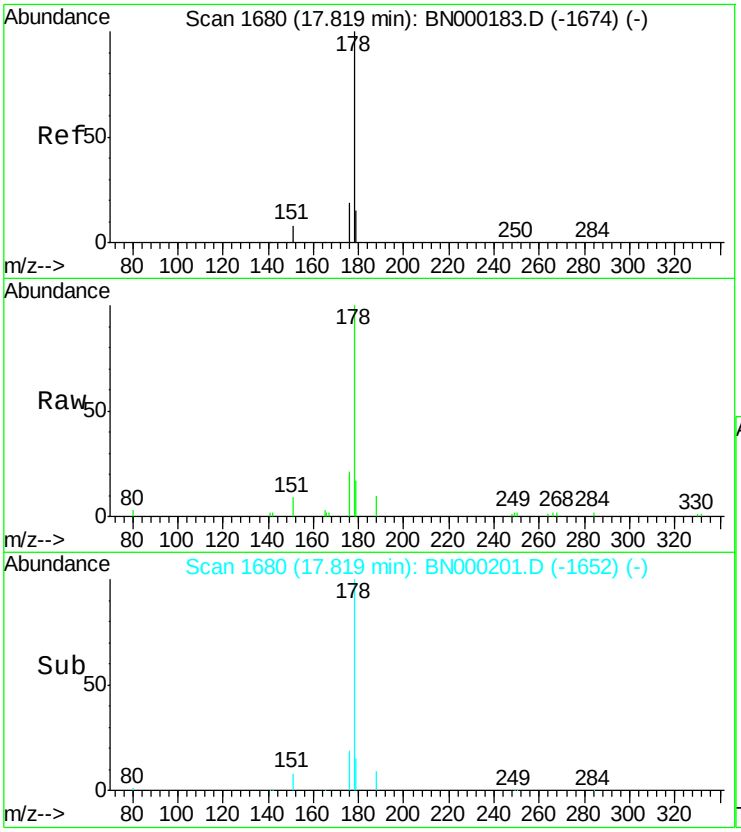


#22
Pentachlorophenol
Concen: 0.129 ng
RT: 17.43 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:266 Resp: 196

Ion	Ratio	Lower	Upper
266	100		
264	71.1	48.0	72.0
268	83.6	52.0	78.0#



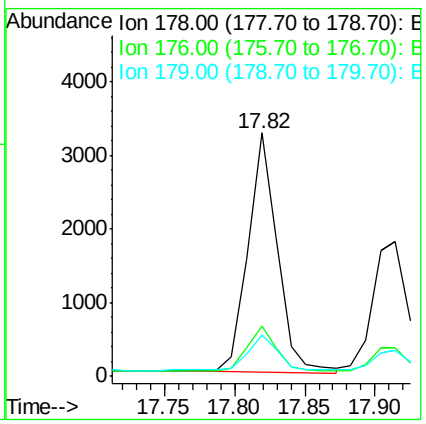


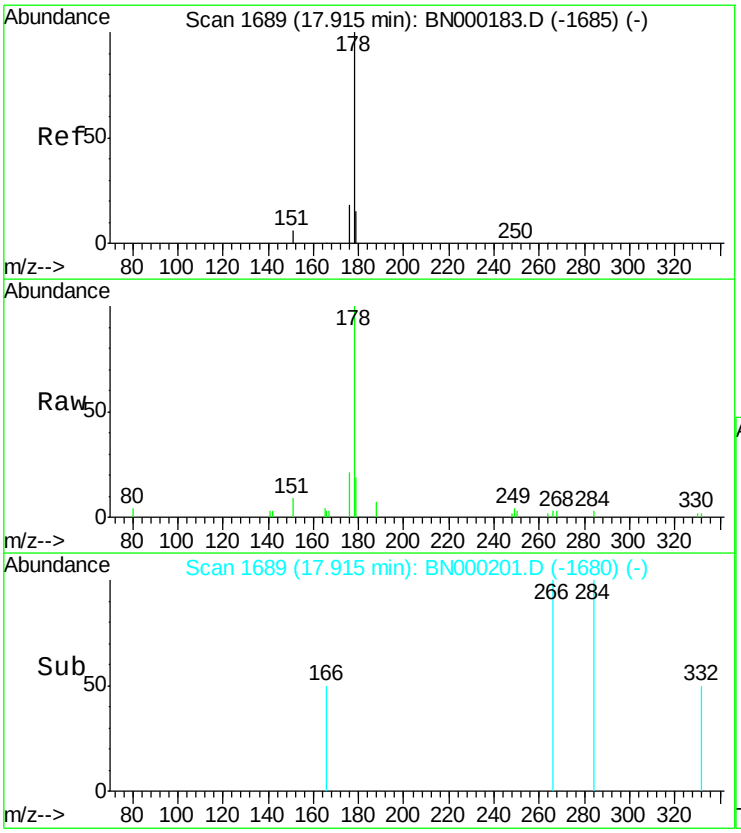
#23
Phenanthrene
Concen: 0.055 ng
RT: 17.82 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:178 Resp: 4727

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.6	11.8	17.6

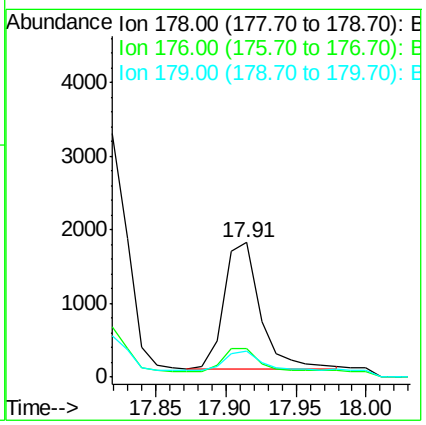


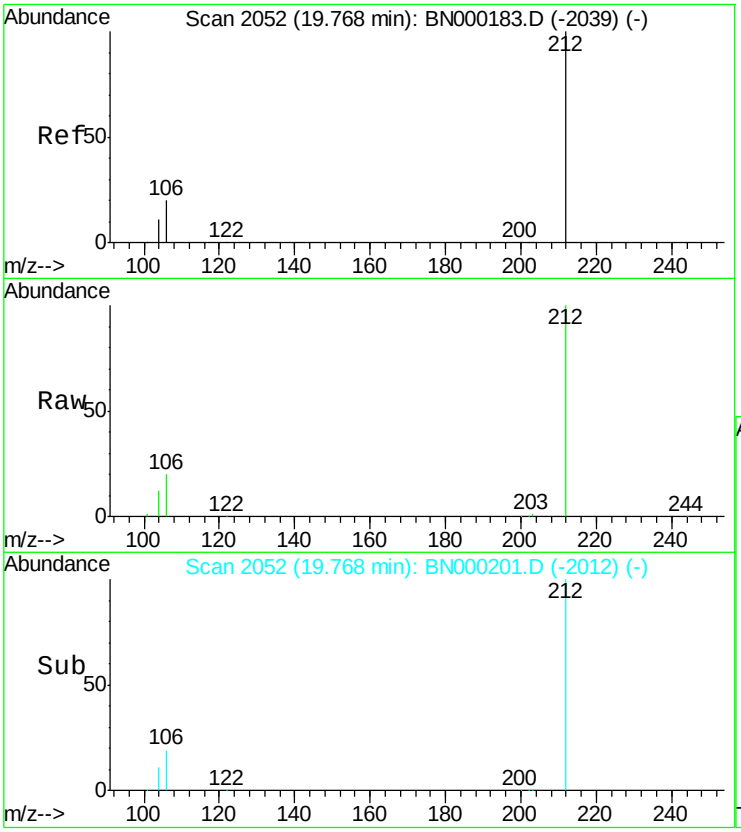


#24
Anthracene
Concen: 0.047 ng
RT: 17.91 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:178 Resp: 3056

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	14.7	13.0	19.6



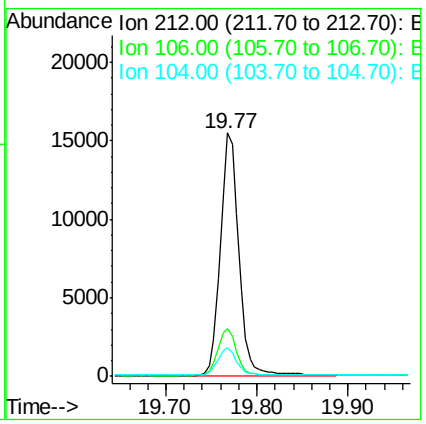


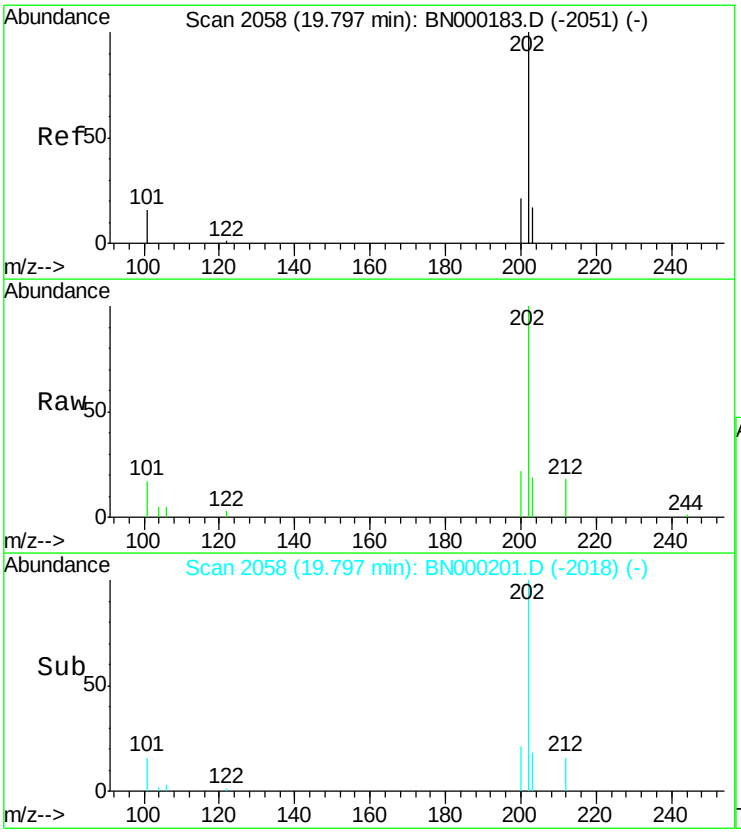
#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.77 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:212 Resp: 21826

Ion	Ratio	Lower	Upper
212	100		
106	19.3	2.8	4.2#
104	11.0	1.6	2.4#

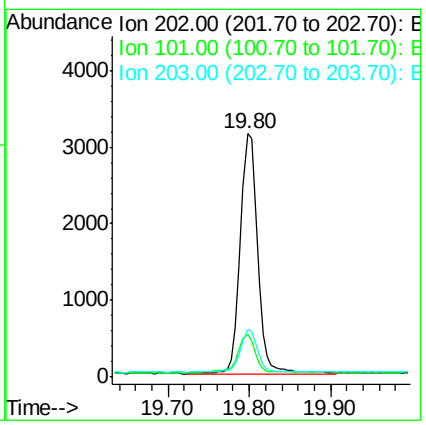


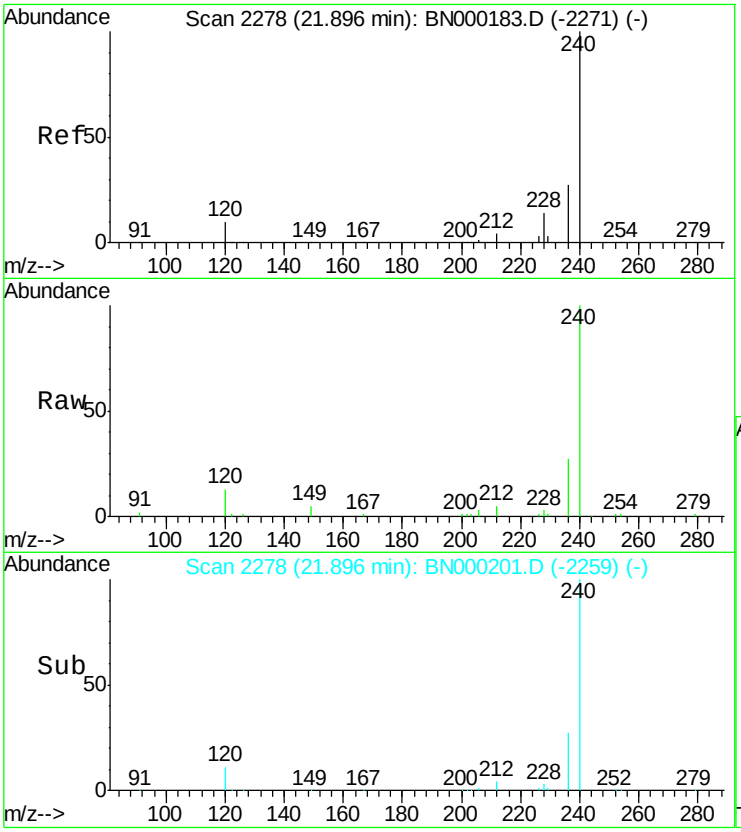


#26
Fluoranthene
Concen: 0.052 ng
RT: 19.80 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:202 Resp: 4646

Ion	Ratio	Lower	Upper
202	100		
101	16.6	9.8	14.8#
203	18.1	13.7	20.5



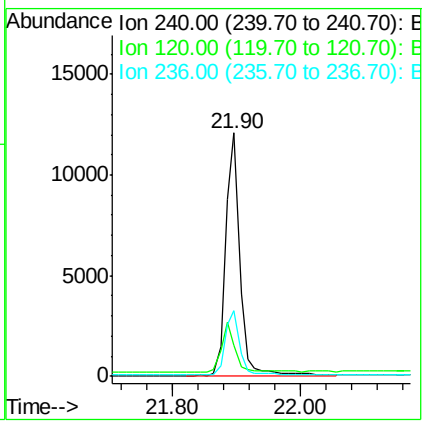


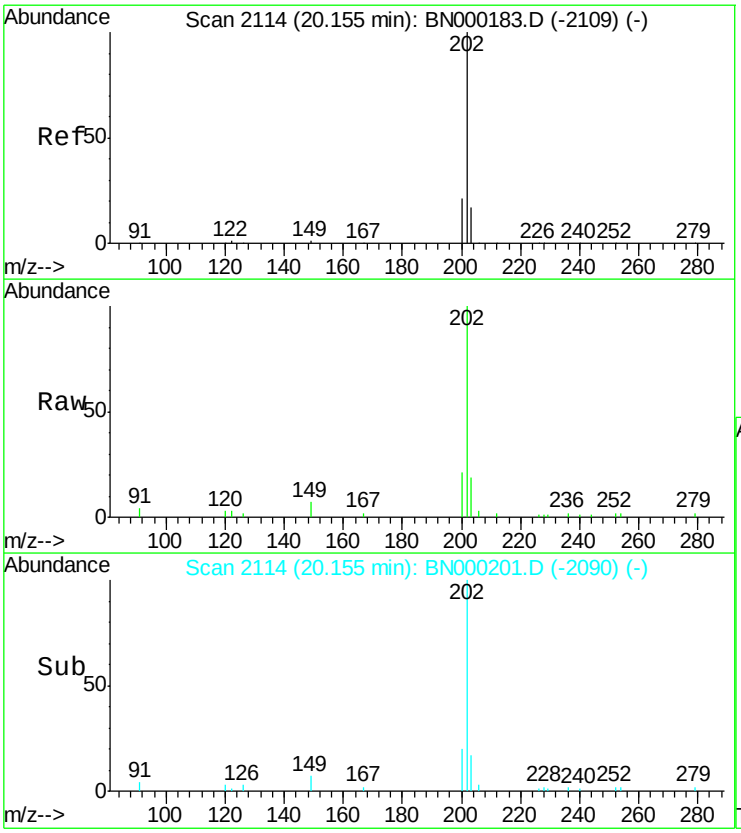
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.90 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:240 Resp: 18290

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.5	8.3#
236	27.2	20.7	31.1

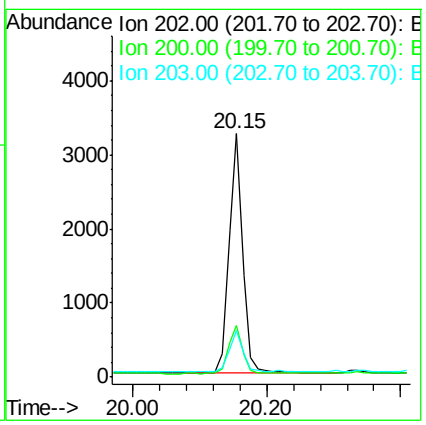


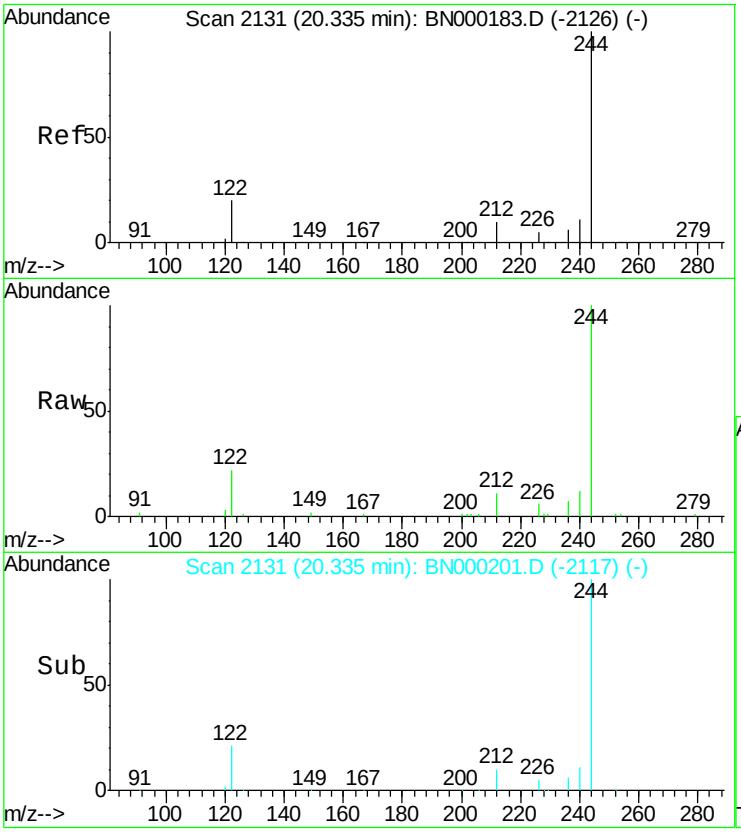


#28
Pyrene
Concen: 0.064 ng
RT: 20.15 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:202 Resp: 4625

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.1	13.8	20.8



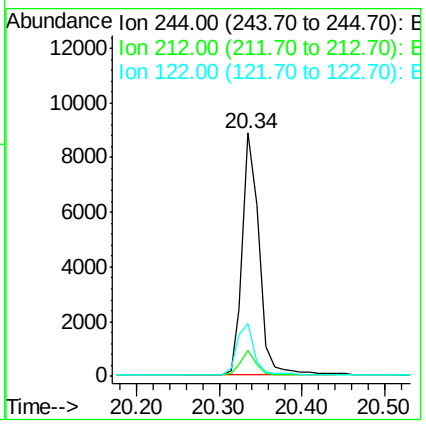


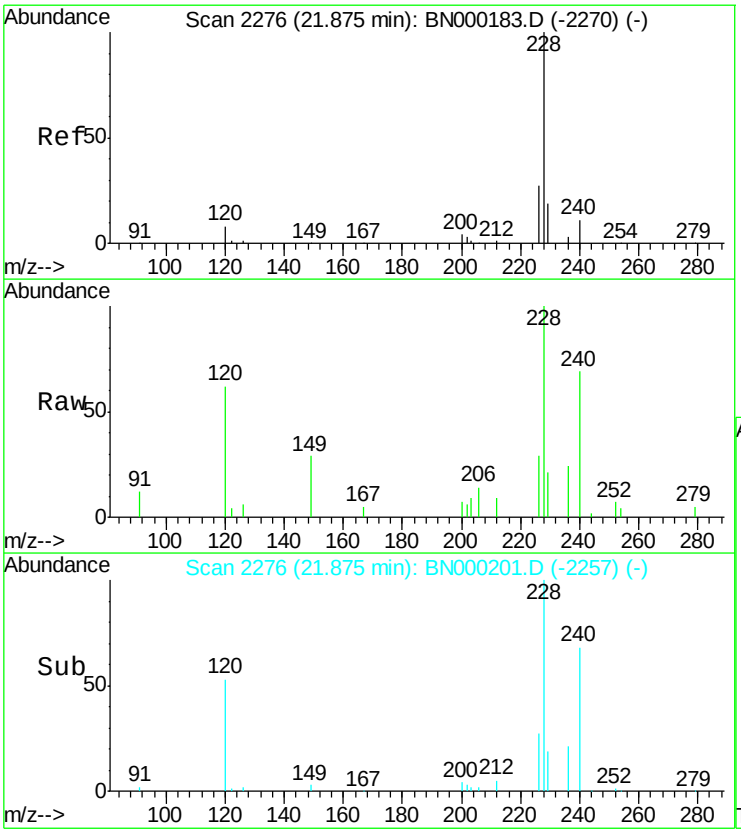
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 20.34 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:244 Resp: 12585

Ion	Ratio	Lower	Upper
244	100		
212	10.7	25.4	38.0#
122	22.0	8.1	12.1#

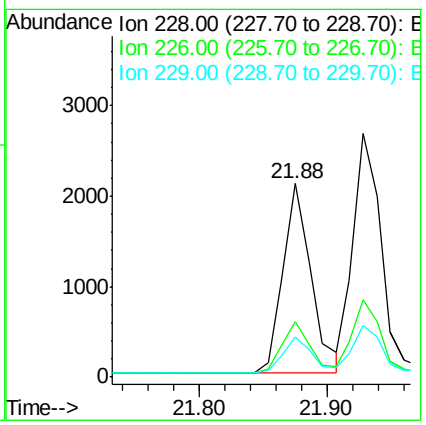


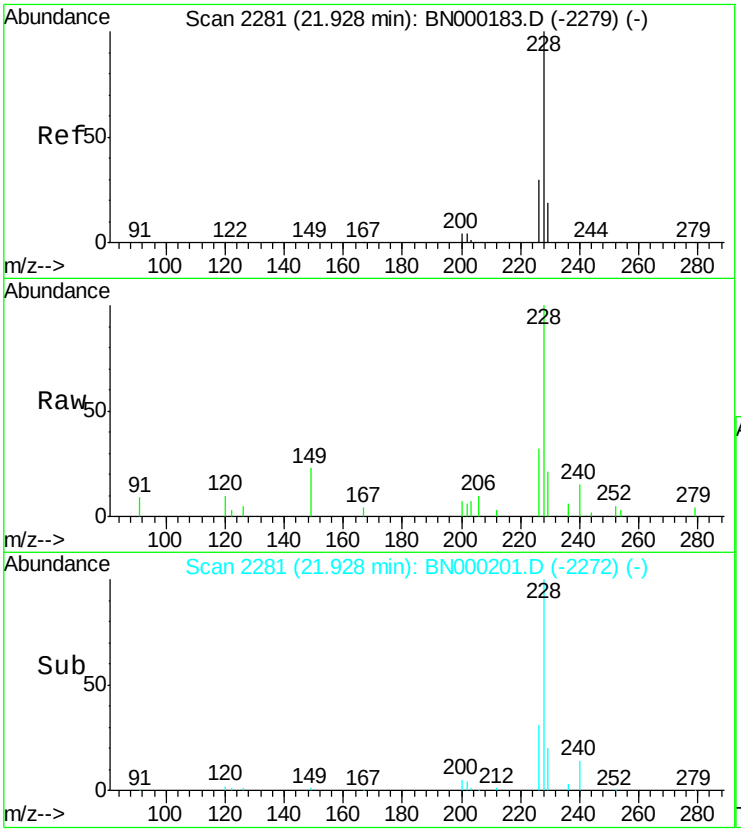


#30
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.88 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:228 Resp: 3178

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	20.9	16.0	24.0



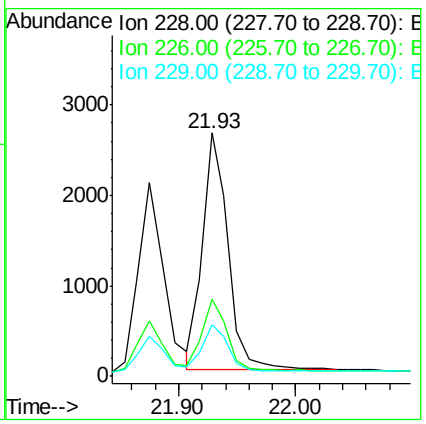


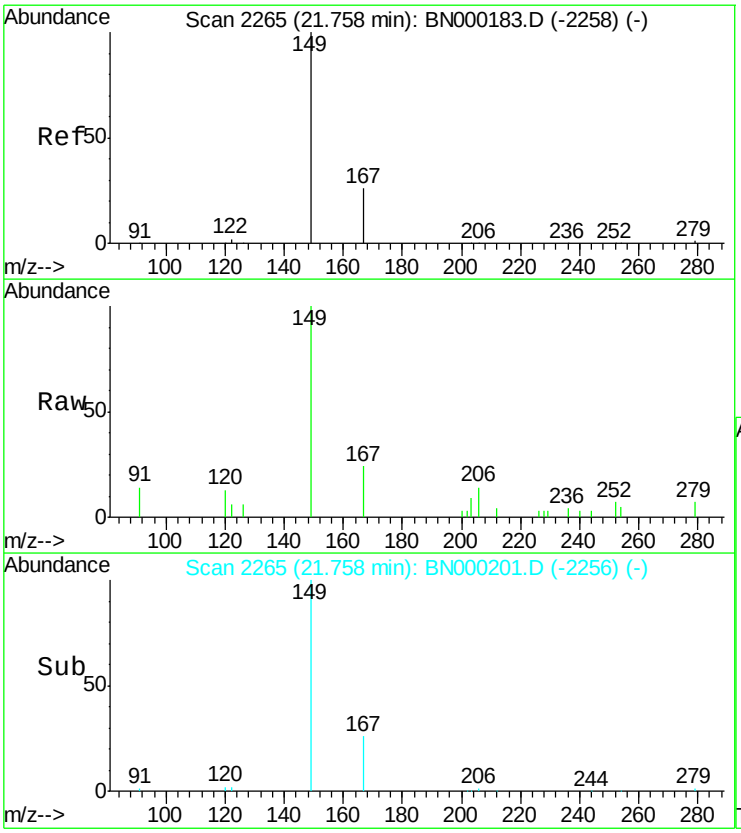
#31
Chrysene
Concen: 0.059 ng
RT: 21.93 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:228 Resp: 3964

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	21.2	16.0	24.0

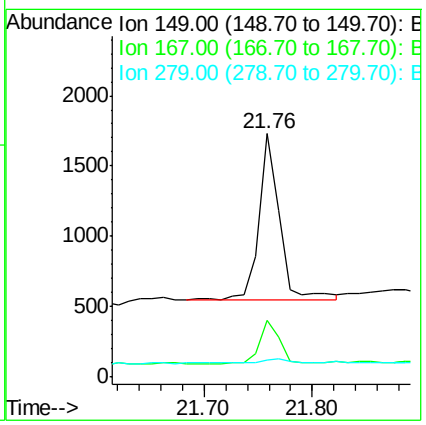


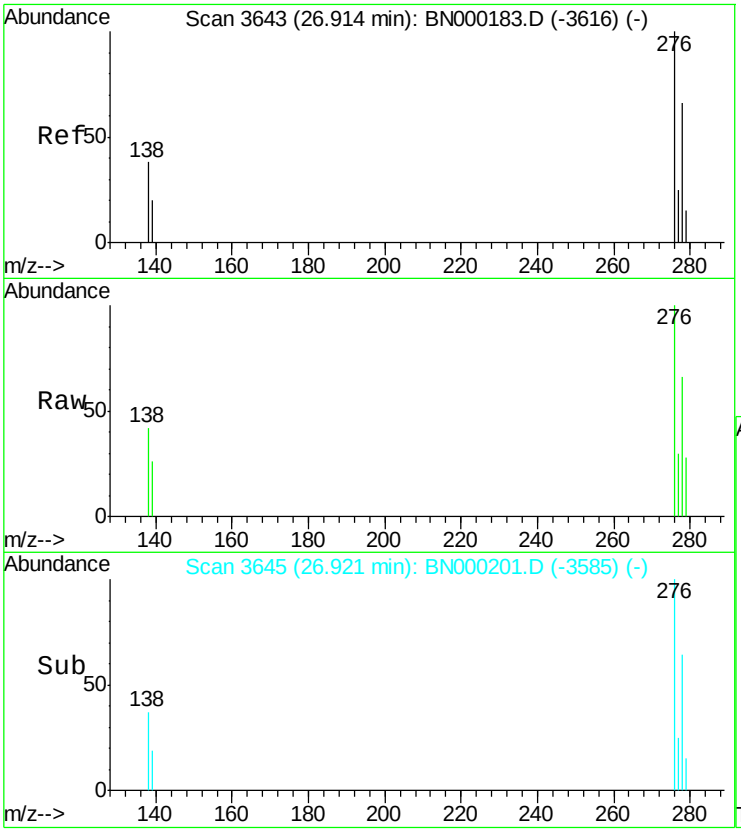


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.76 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:149 Resp: 1550

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.0	30.0
279	3.1	1.6	2.4#



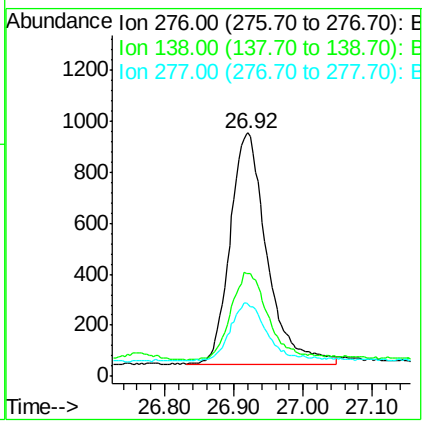


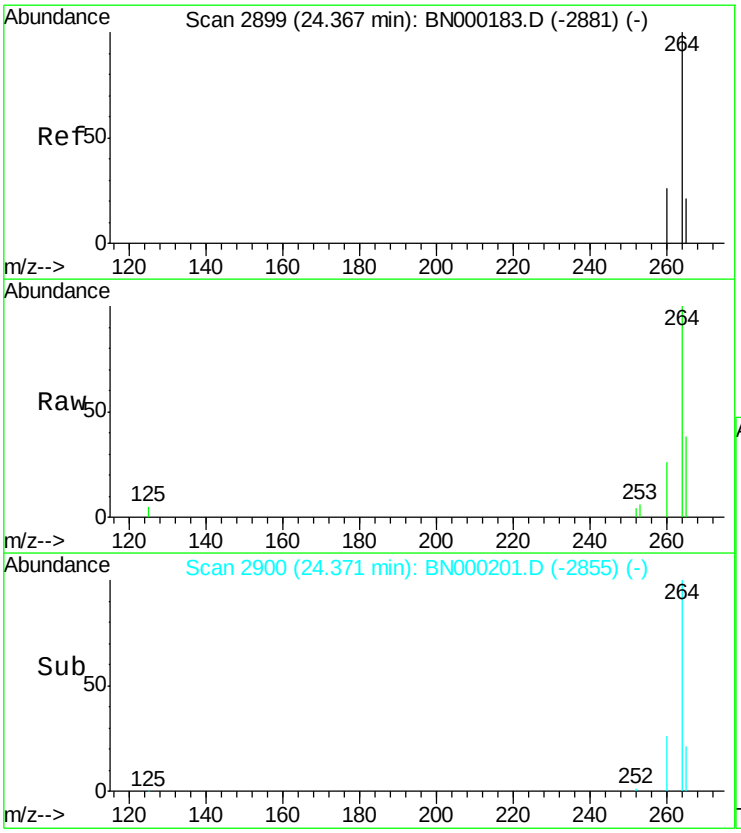
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng
RT: 26.92 min Scan# 3645
Delta R.T. 0.01 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:276 Resp: 3347

Ion	Ratio	Lower	Upper
276	100		
138	38.0	22.5	33.7#
277	24.1	19.9	29.9

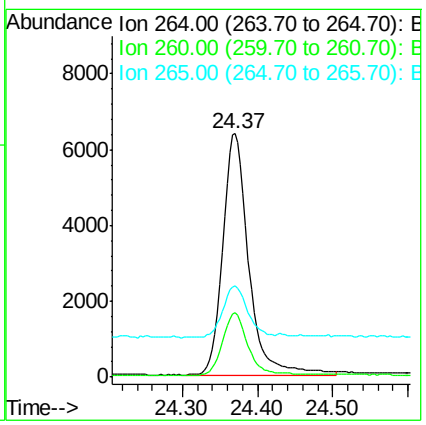


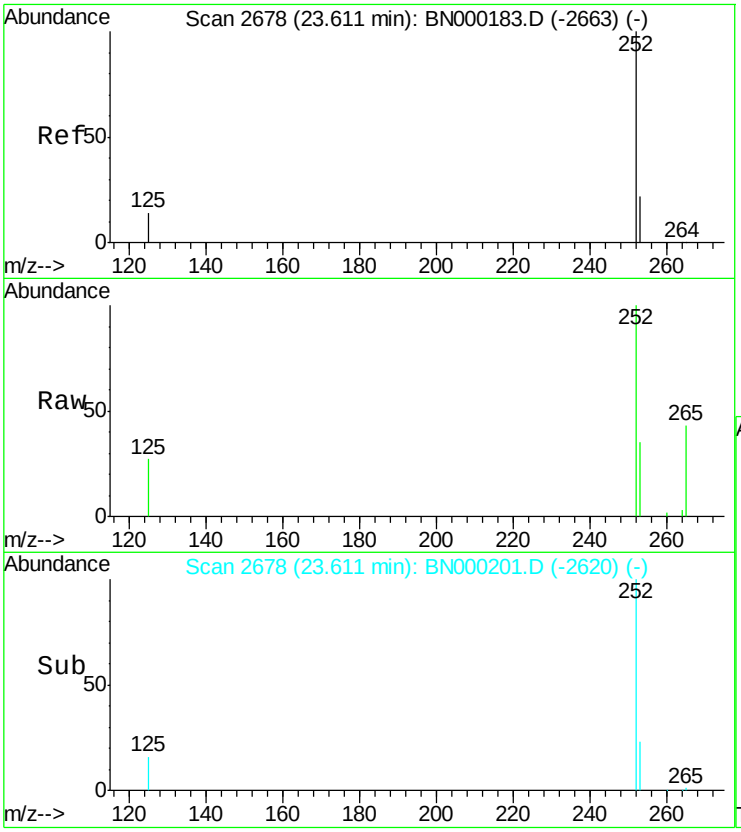


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:264 Resp: 15057

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	37.7	22.8	34.2#



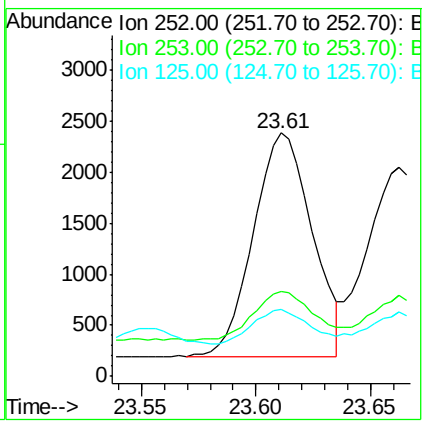


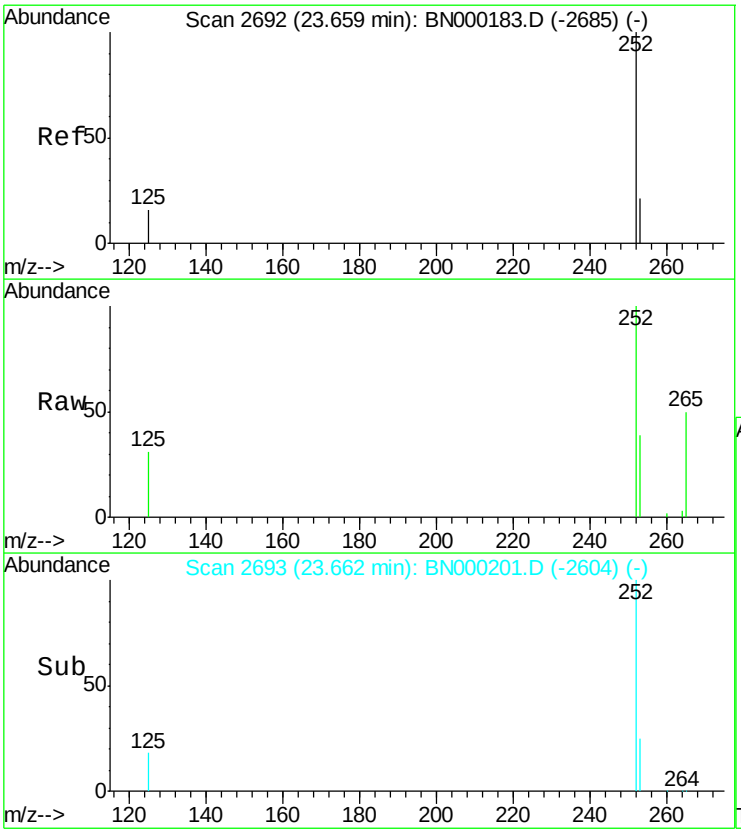
#35
Benzo(b)fluoranthene
Concen: 0.057 ng
RT: 23.61 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:252 Resp: 3904

Ion	Ratio	Lower	Upper
252	100		
253	34.8	20.0	30.0#
125	27.3	16.0	24.0#

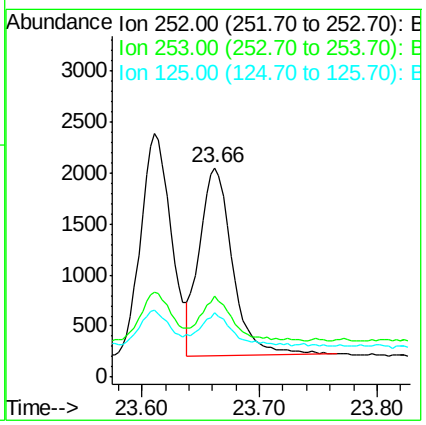


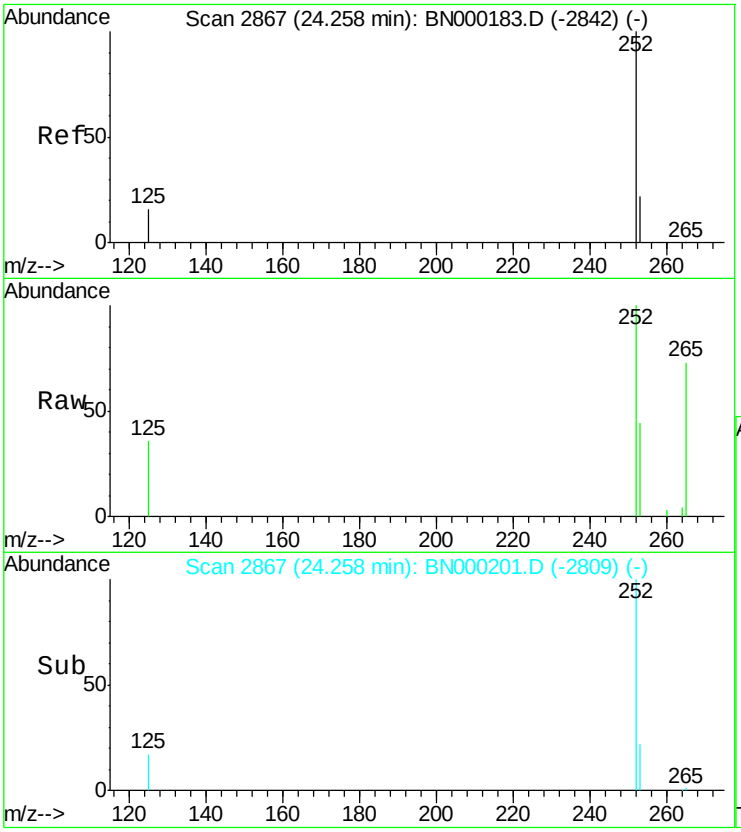


#36
Benzo(k)fluoranthene
Concen: 0.054 ng
RT: 23.66 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:252 Resp: 3598

Ion	Ratio	Lower	Upper
252	100		
253	38.6	16.0	24.0#
125	30.8	8.0	12.0#



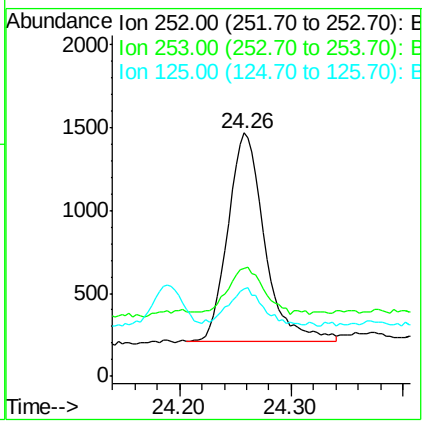


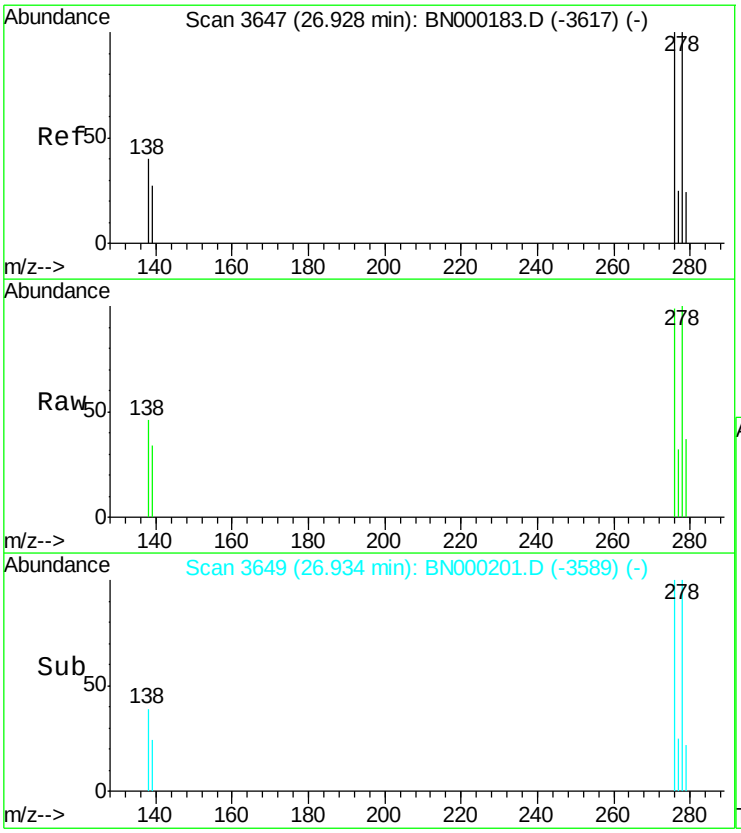
#37
Benzo(a)pyrene
Concen: 0.052 ng
RT: 24.26 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:252 Resp: 2885

Ion	Ratio	Lower	Upper
252	100		
253	44.1	16.0	24.0#
125	35.8	12.0	18.0#

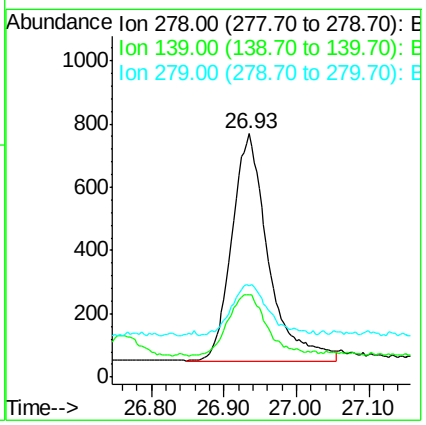


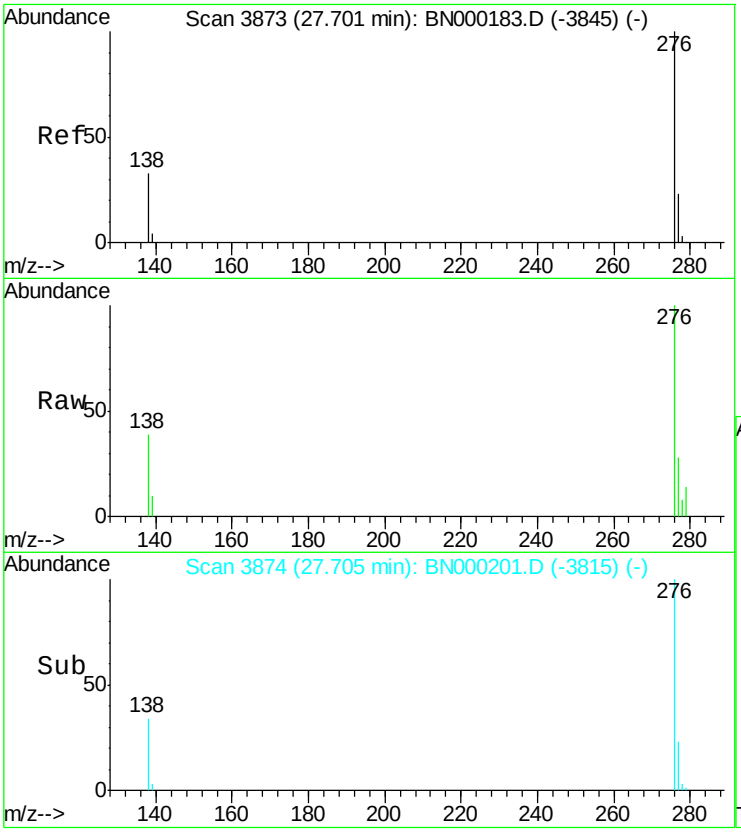


#38
Dibenzo(a,h)anthracene
Concen: 0.050 ng
RT: 26.93 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion:278 Resp: 2505

Ion	Ratio	Lower	Upper
278	100		
139	33.7	16.0	24.0#
279	37.5	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.058 ng
RT: 27.70 min Scan# 3874
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion:276 Resp: 3393

Ion	Ratio	Lower	Upper
276	100		
277	28.0	16.0	24.0#
138	38.7	20.0	30.0#