Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030118\
Data File : BN000207.D
Acq On : 01 Mar 2018 08:44
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 01 16:55:36 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	4749	0.40	ng		0.00
7) Naphthalene-d8	11.29	136	18594	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	9980	0.40	ng		0.00
19) Phenanthrene-d10	17.78	188	23379	0.40	ng		0.00
27) Chrysene-d12	21.90	240	21841	0.40	ng		0.00
34) Perylene-d12	24.37	264	17815	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.93	112	4384	0.44	ng		0.00
5) Phenol-d6	7.57	99	5445	0.43	ng		0.00
8) Nitrobenzene-d5	9.63	82	4362	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	11457	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1293	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.69	172	18329	0.39	ng		0.00
25) Fluoranthene-d10	19.77	212	23073	0.37	ng		0.00
29) Terphenyl-d14	20.33	244	14458	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	2021	0.411	ng		94
3) n-Nitrosodimethylamine	4.02	42	1147	0.360	ng	#	99
6) bis(2-Chloroethyl)ether	7.85	93	6713	0.415	ng		98
9) Naphthalene	11.34	128	21998	0.405	ng		97
10) Hexachlorobutadiene	11.62	225	3756	0.407	ng		97
12) 2-Methylnaphthalene	12.92	142	14433	0.405	ng		99
16) Acenaphthylene	14.78	152	16682	0.355	ng		100
17) Acenaphthene	15.12	154	14146	0.381	ng		97
18) Fluorene	16.09	166	17542	0.379	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	5023	0.373	ng	#	85
21) Hexachlorobenzene	17.09	284	6748	0.375	ng		96
22) Pentachlorophenol	17.43	266	1818	0.418	ng		97
23) Phenanthrene	17.82	178	30863	0.375	ng		98
24) Anthracene	17.91	178	22290	0.357	ng		95
26) Fluoranthene	19.80	202	30992	0.363	ng	#	96
28) Pyrene	20.15	202	31924	0.372	ng		99
30) Benzo(a)anthracene	21.87	228	27003	0.392	ng		97
31) Chrysene	21.93	228	31014	0.386	ng		98
32) Bis(2-ethylhexyl)phthalate	21.76	149	9383	0.366	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.92	276	27455	0.366	ng	#	90
35) Benzo(b)fluoranthene	23.61	252	29767	0.366	ng		96
36) Benzo(k)fluoranthene	23.67	252	30458	0.383	ng	#	88
37) Benzo(a)pyrene	24.26	252	24278	0.366	ng	#	89
38) Dibenzo(a,h)anthracene	26.93	278	21401	0.363	ng	#	91
39) Benzo(g,h,i)perylene	27.71	276	25591	0.367	ng	#	86

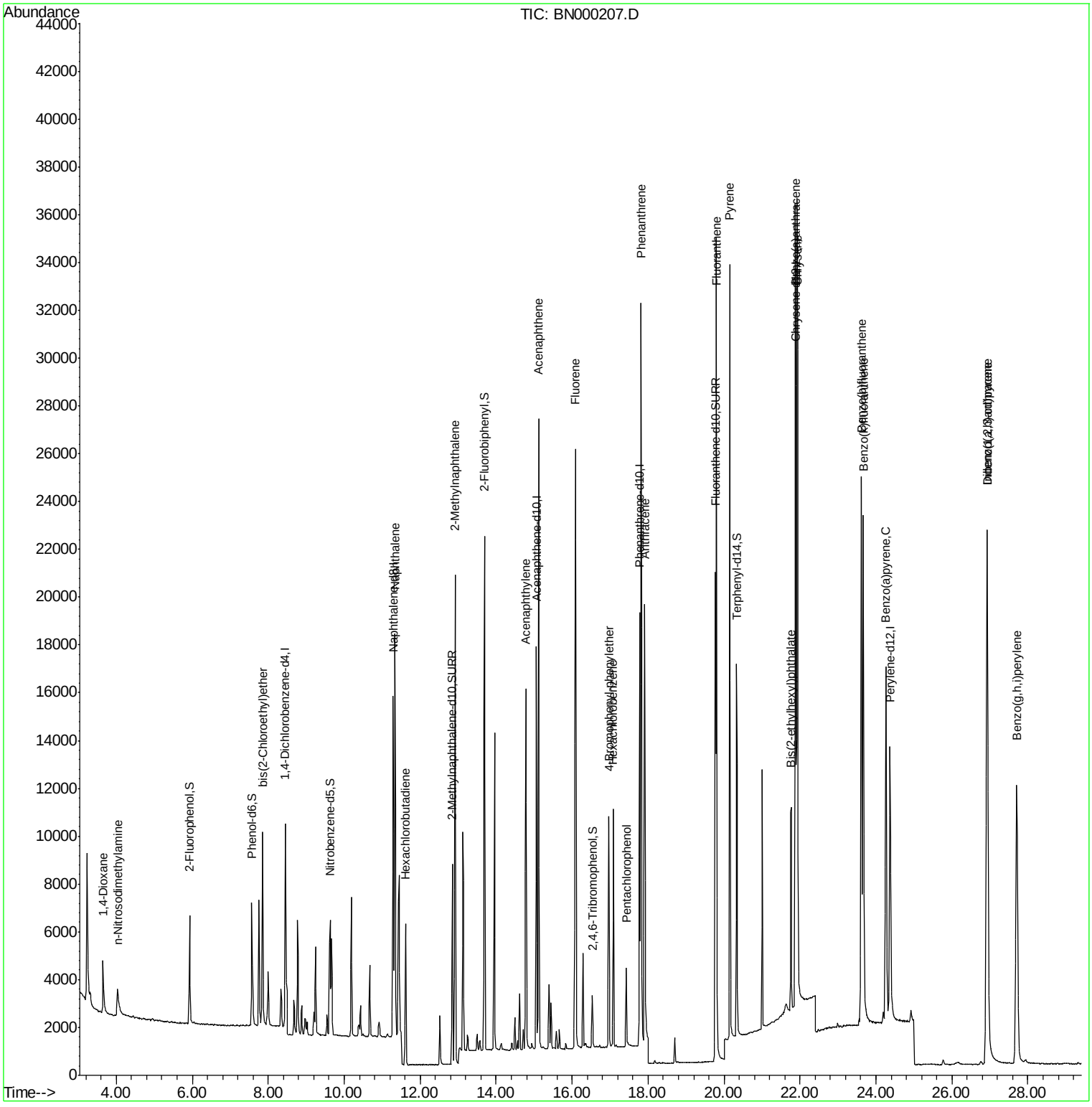
(#) = qualifier out of range (m) = manual integration (+) = signals summed

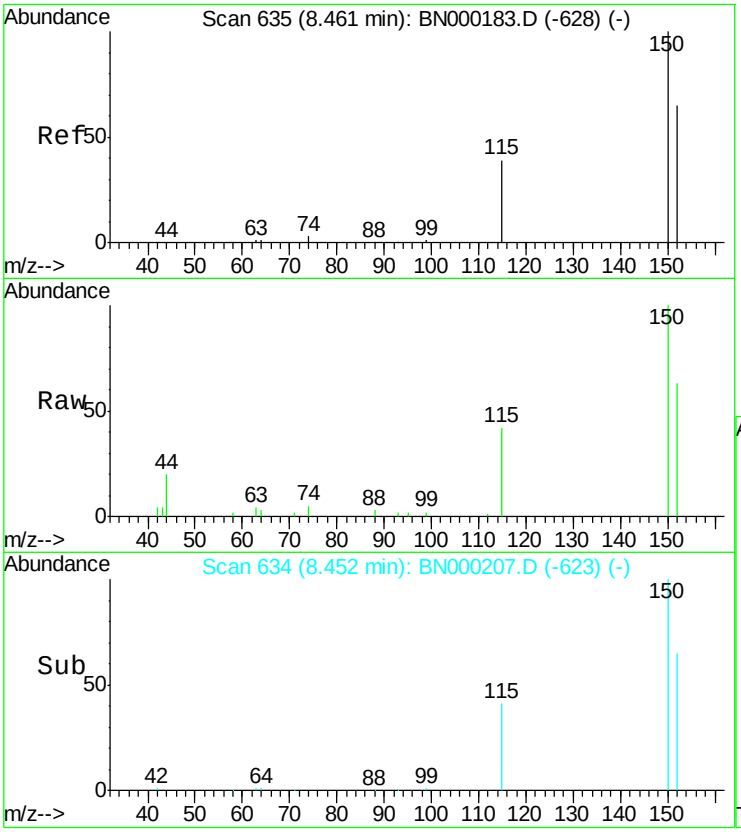
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030118\
Data File : BN000207.D
Acq On : 01 Mar 2018 08:44
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 01 16:55:36 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



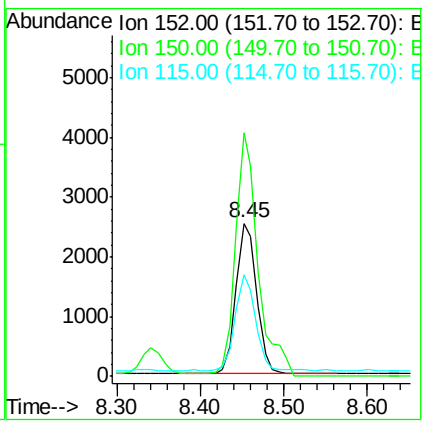


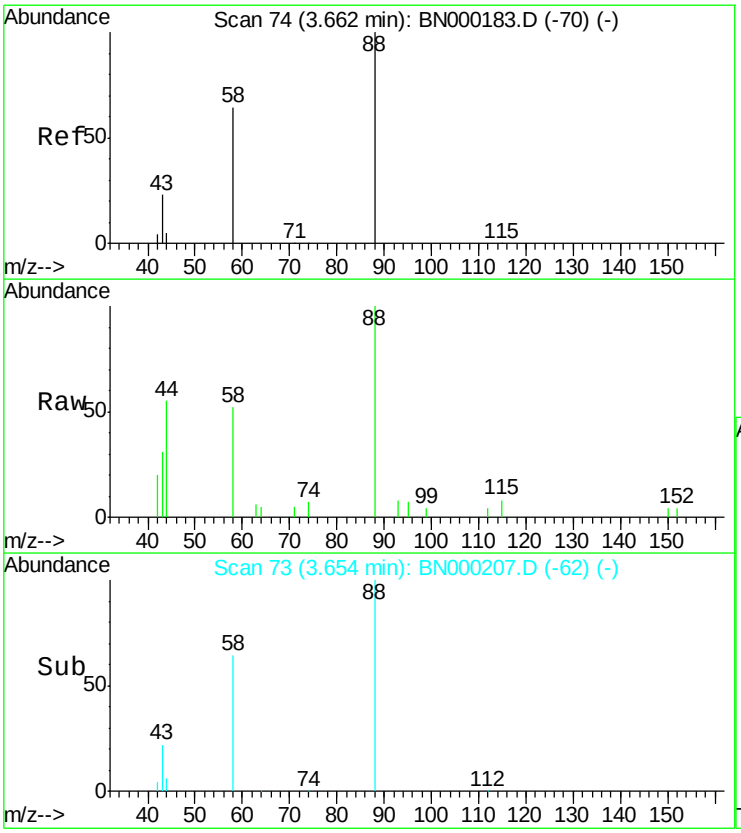
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4749

Ion	Ratio	Lower	Upper
152	100		
150	158.9	117.2	175.8
115	66.1	57.0	85.6

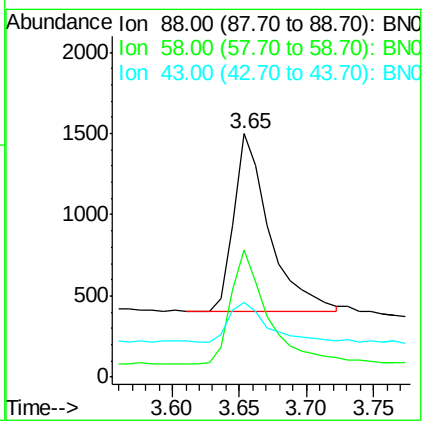


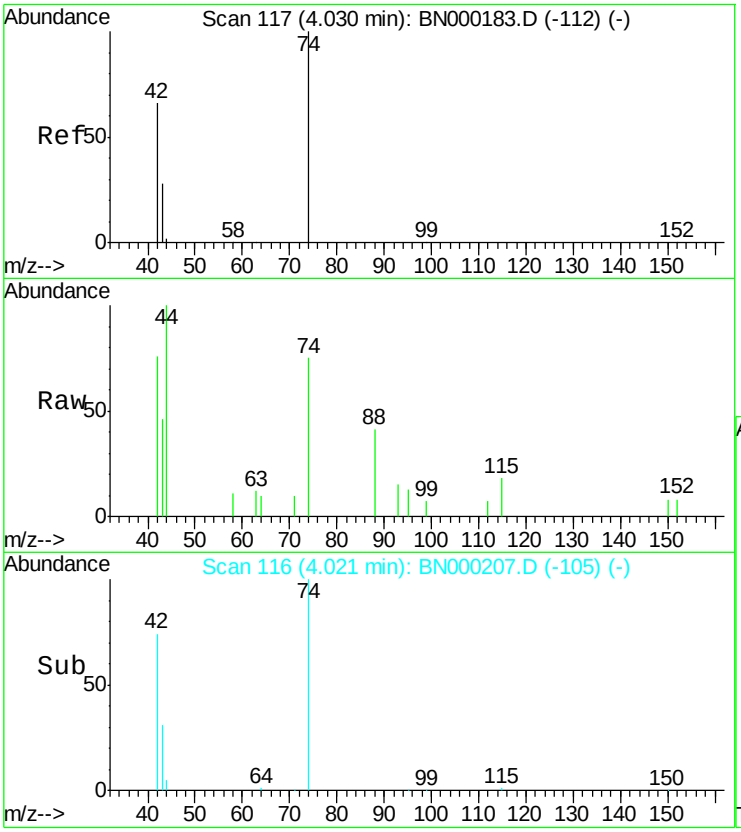


#2
1,4-Dioxane
Concen: 0.411 ng
RT: 3.65 min Scan# 73
Delta R.T. -0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion: 88 Resp: 2021

Ion	Ratio	Lower	Upper
88	100		
58	65.7	48.0	72.0
43	23.2	20.0	30.0



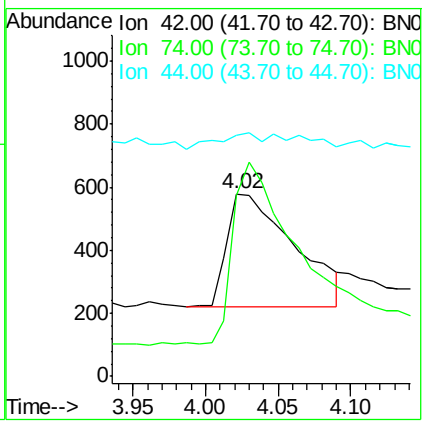


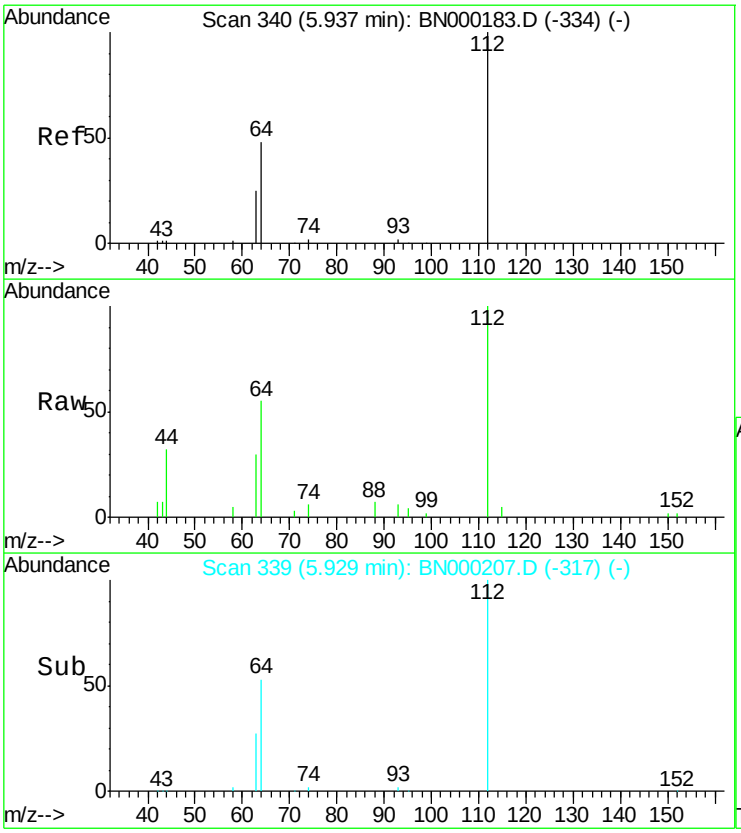
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 4.02 min Scan# 116
Delta R.T. -0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1147

Ion	Ratio	Lower	Upper
42	100		
74	150.3	120.0	180.0
44	9.1	4.0	6.0#

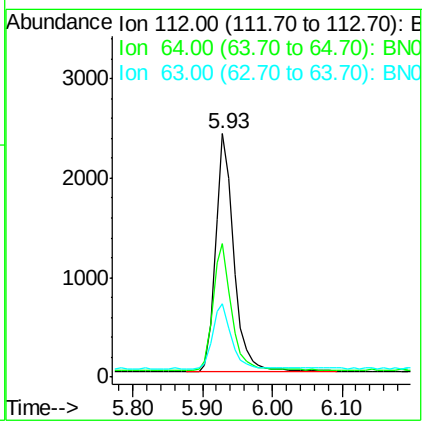


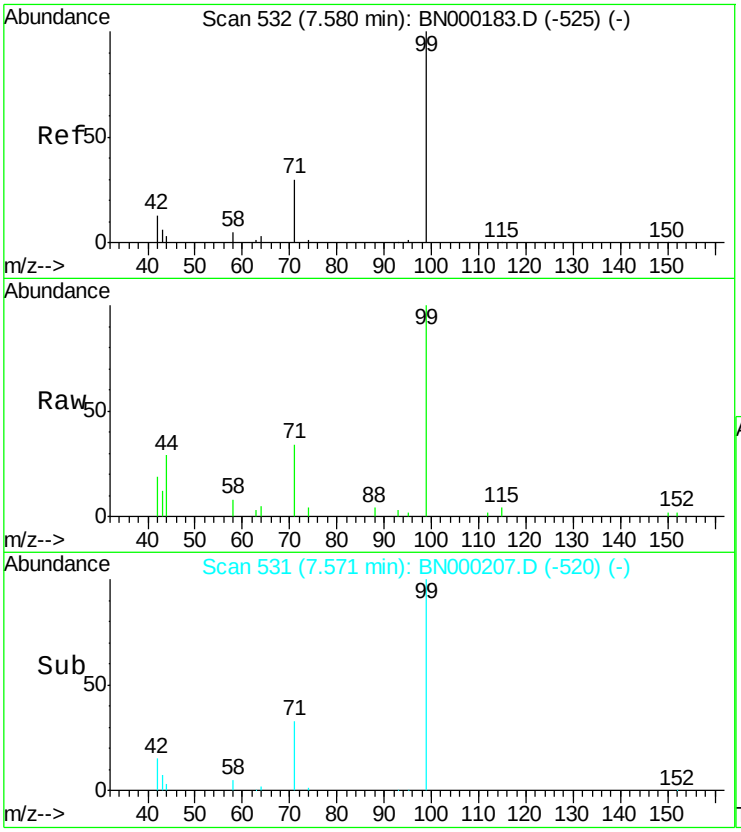


#4
2-Fluorophenol
Concen: 0.437 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:112 Resp: 4384

Ion	Ratio	Lower	Upper
112	100		
64	53.3	60.1	90.1#
63	27.4	116.8	175.2#



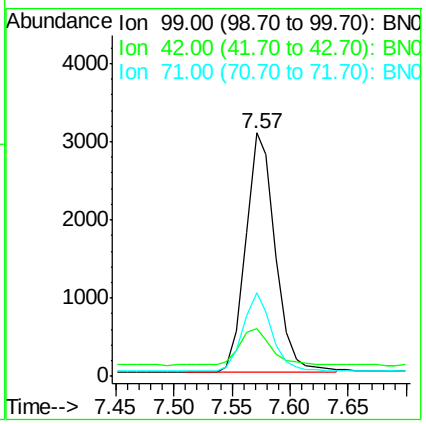


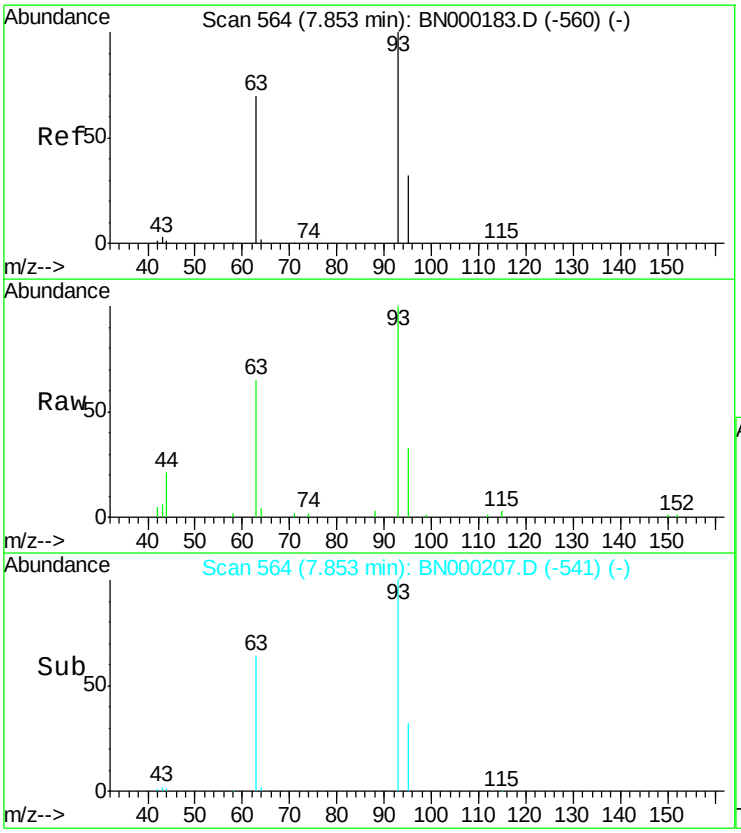
#5
Phenol-d6
Concen: 0.427 ng
RT: 7.57 min Scan# 531
Delta R.T. -0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5445

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.2	30.2#
71	31.6	28.4	42.6

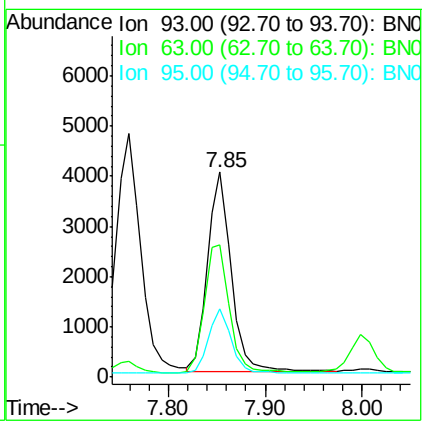


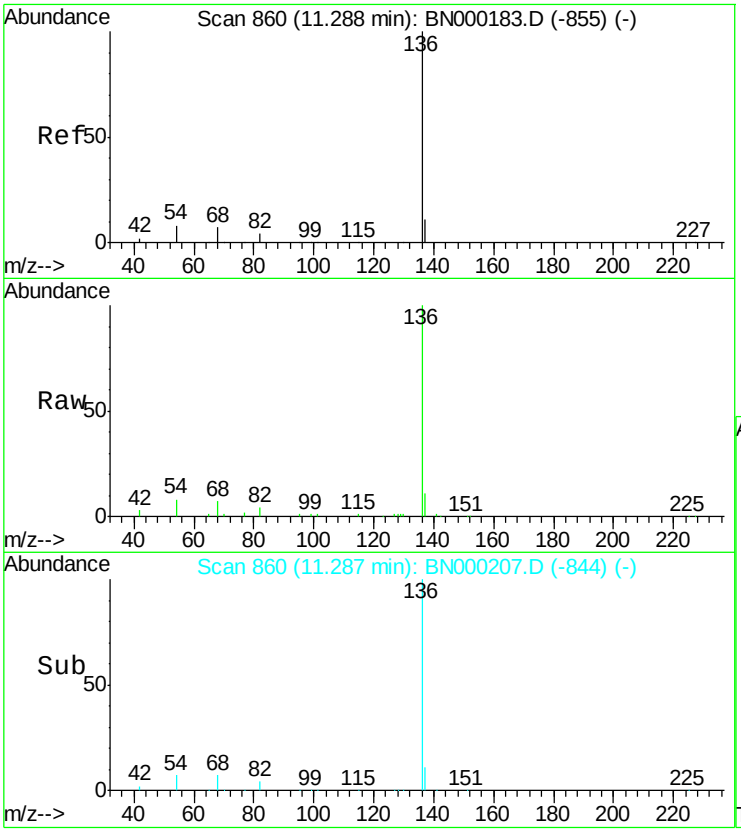


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.85 min Scan# 564
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion: 93 Resp: 6713

Ion	Ratio	Lower	Upper
93	100		
63	67.5	56.0	84.0
95	31.7	25.2	37.8



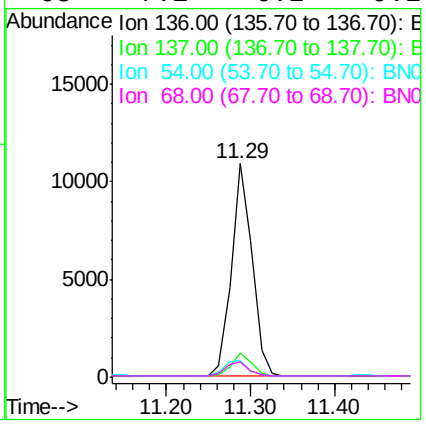


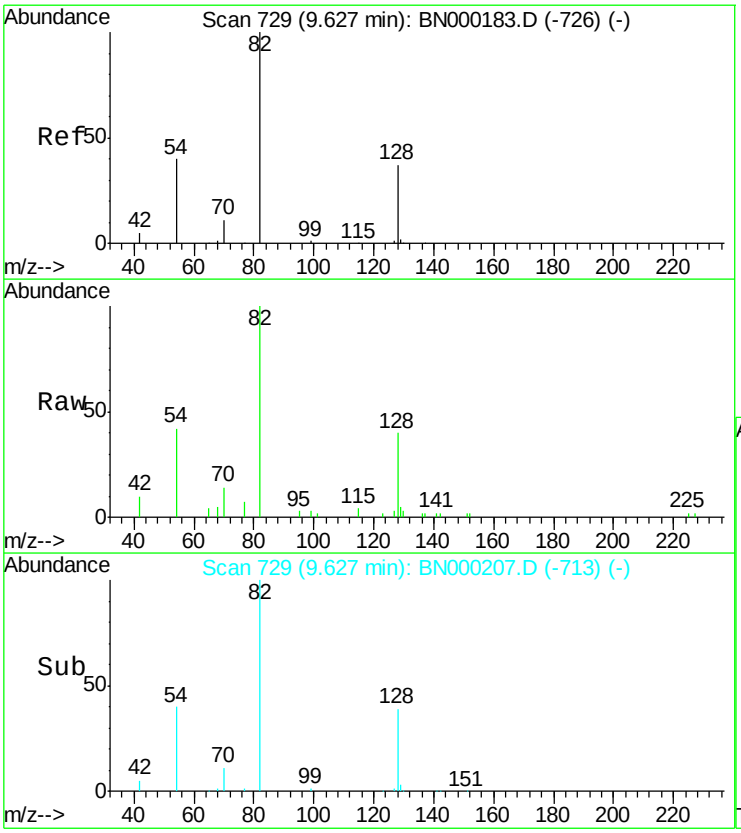
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.29 min Scan# 860
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 18594

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	7.6	29.1	43.7#
68	7.2	6.2	9.2

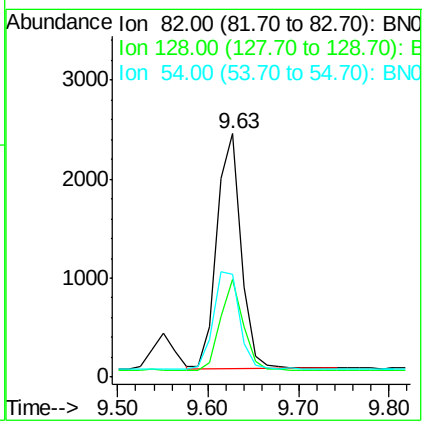


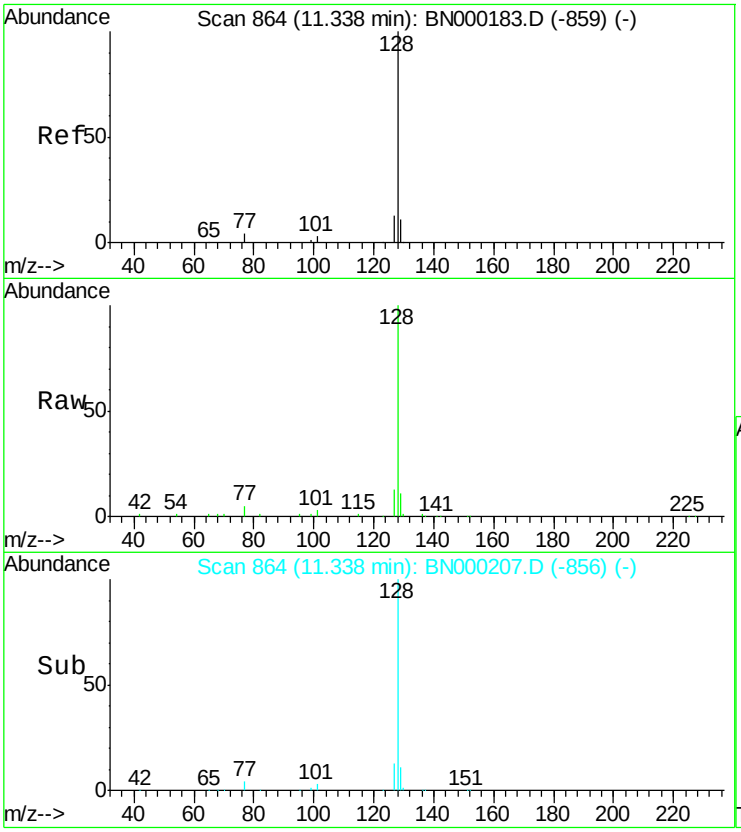


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 9.63 min Scan# 729
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion: 82 Resp: 4362

Ion	Ratio	Lower	Upper
82	100		
128	40.1	150.0	225.0#
54	42.4	154.2	231.4#



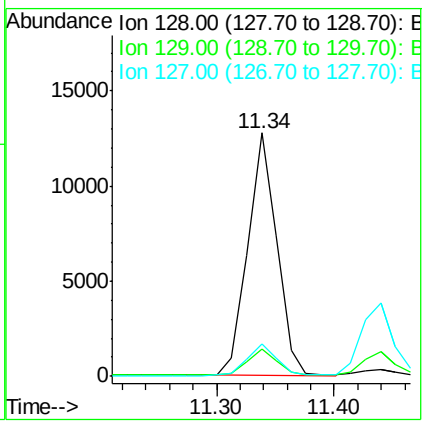


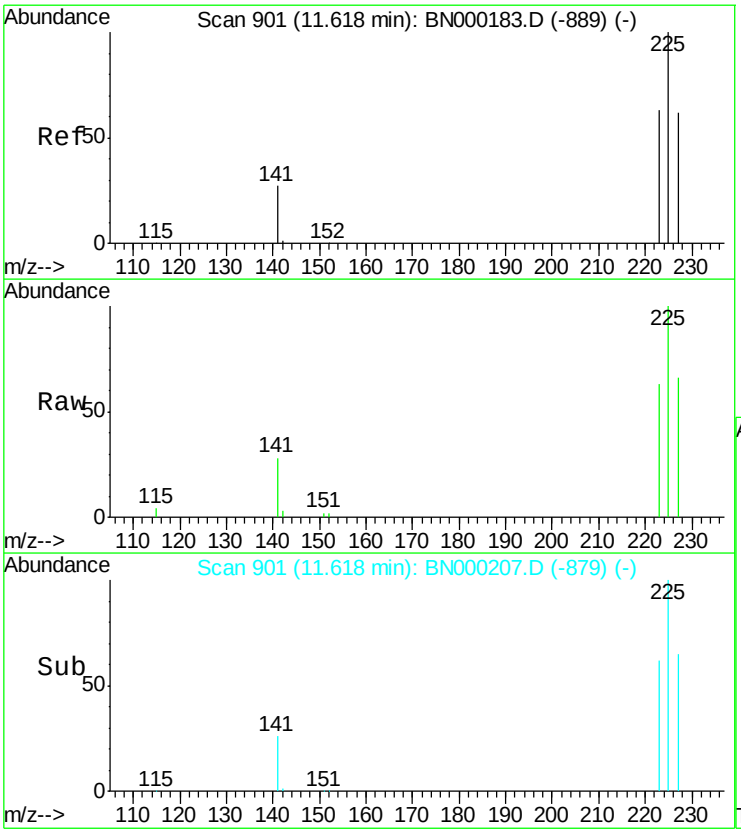
#9
Naphthalene
Concen: 0.405 ng
RT: 11.34 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 21998

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.0	12.0
127	13.2	9.6	14.4

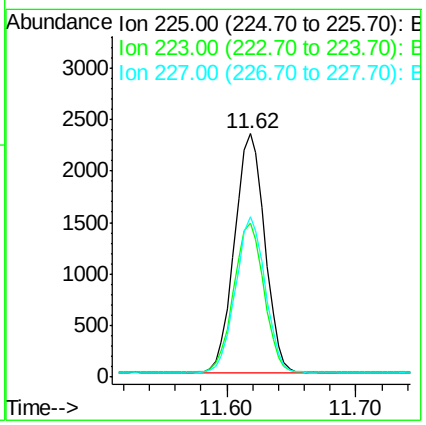


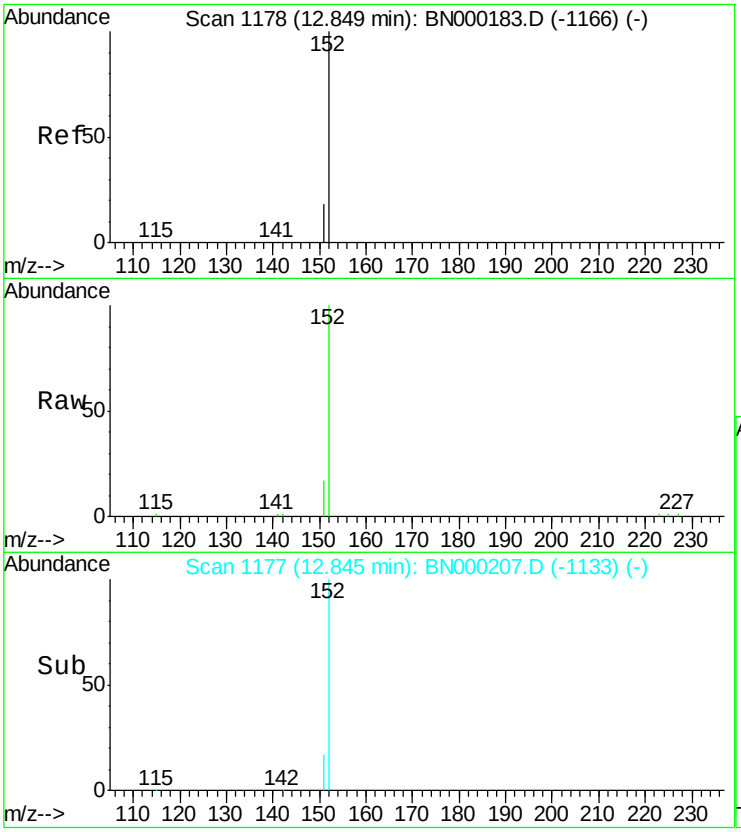


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 11.62 min Scan# 901
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:225 Resp: 3756

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	63.8	51.4	77.2



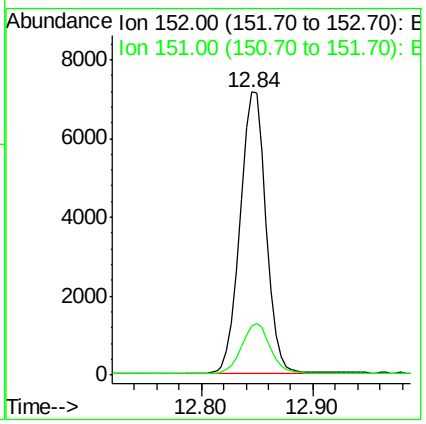


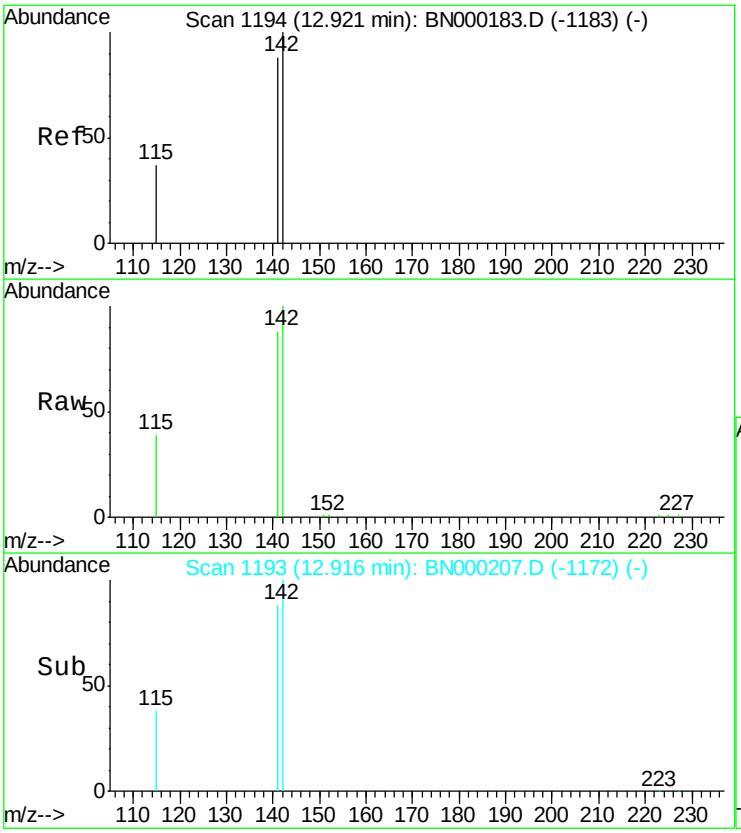
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.84 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11457

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

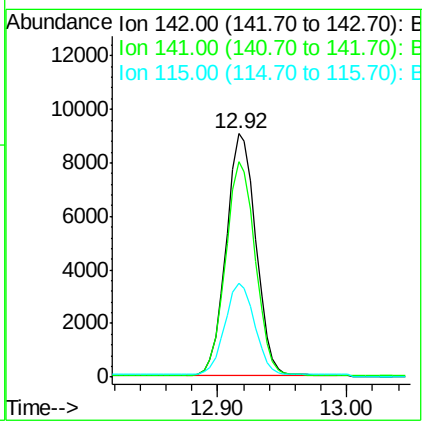


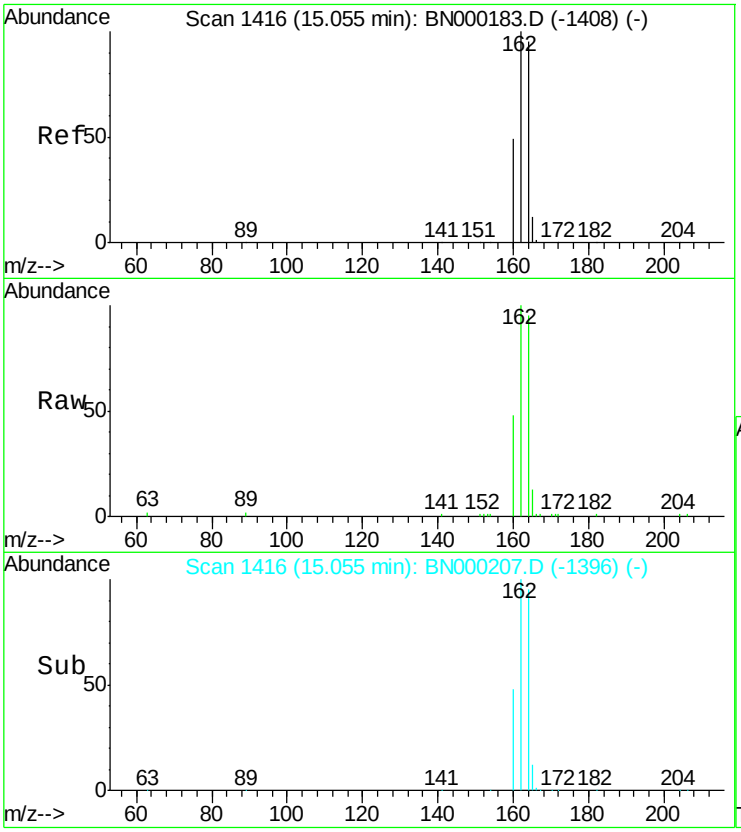


#12
2-Methylnaphthalene
Concen: 0.405 ng
RT: 12.92 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:142 Resp: 14433

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	38.8	31.7	47.5



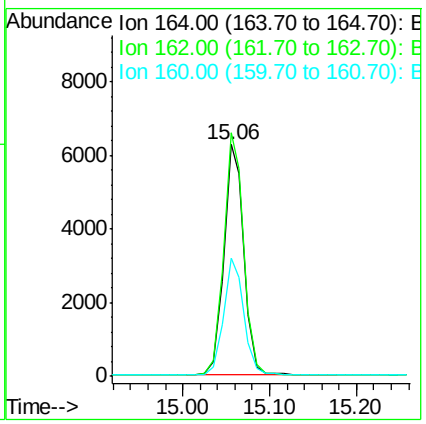


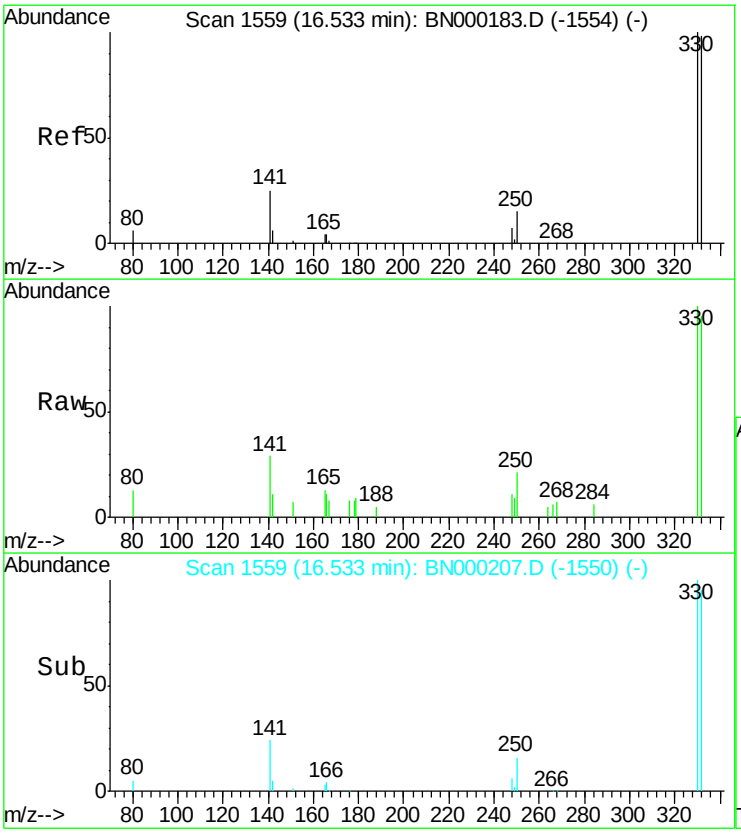
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9980

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.1	124.7
160	50.8	37.1	55.7

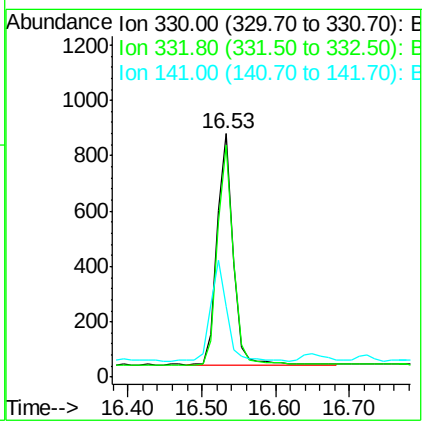


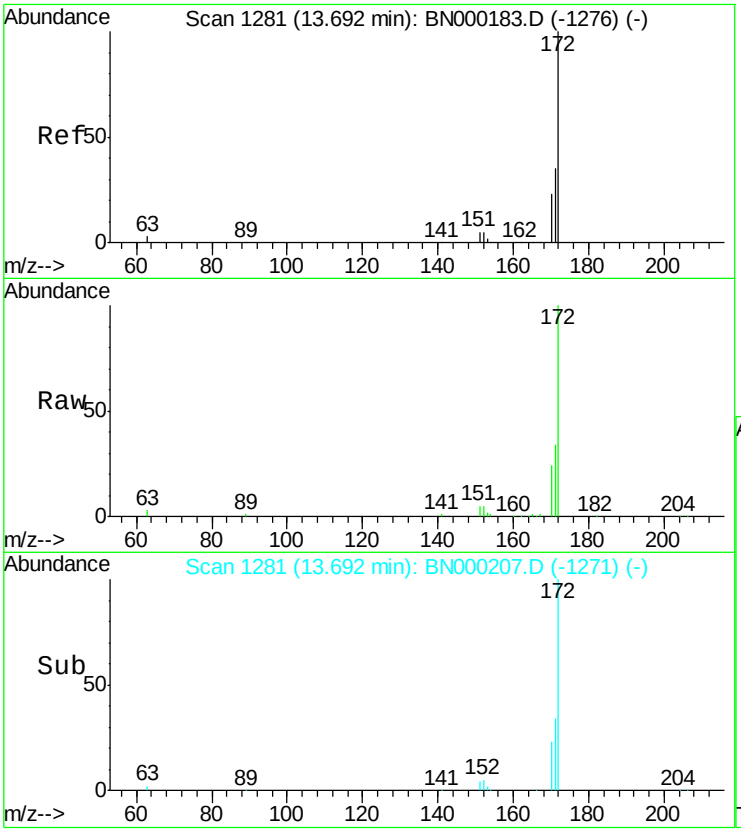


#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 16.53 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:330 Resp: 1293

Ion	Ratio	Lower	Upper
330	100		
332	95.7	152.7	229.1#
141	43.2	33.7	50.5



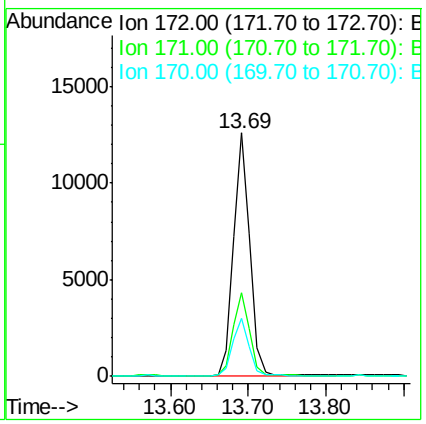


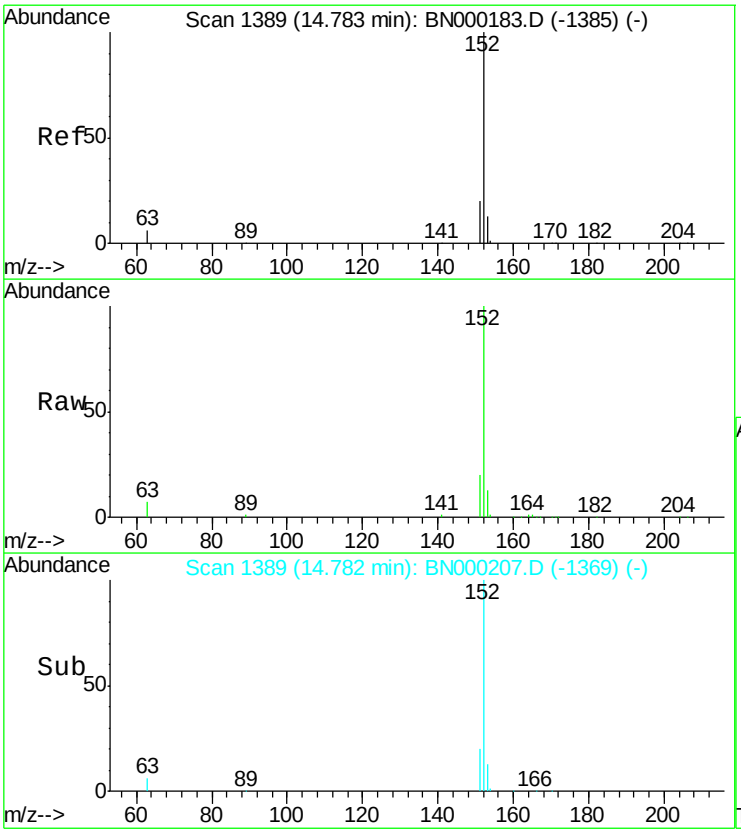
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 18329

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	23.6	21.8	32.8

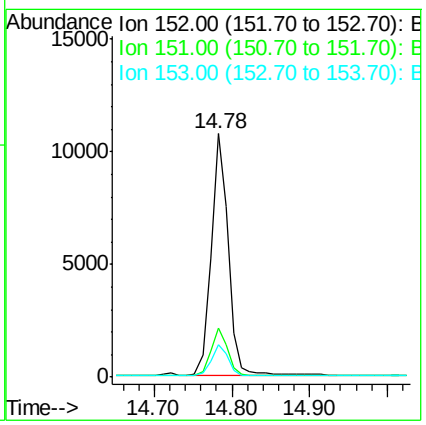


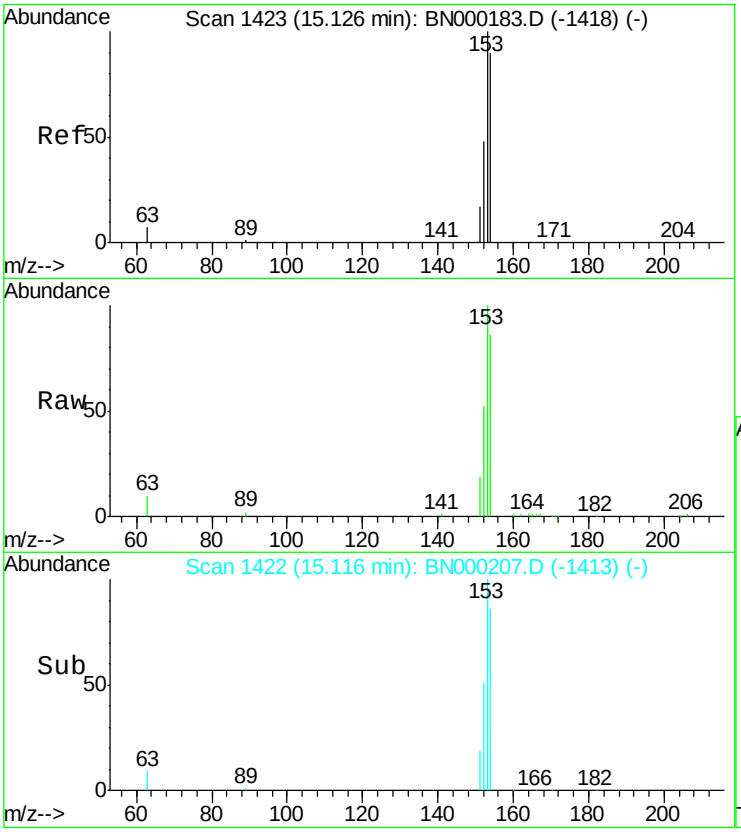


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:152 Resp: 16682

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.5	15.7



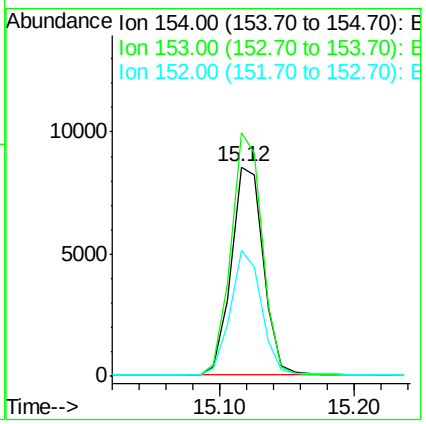


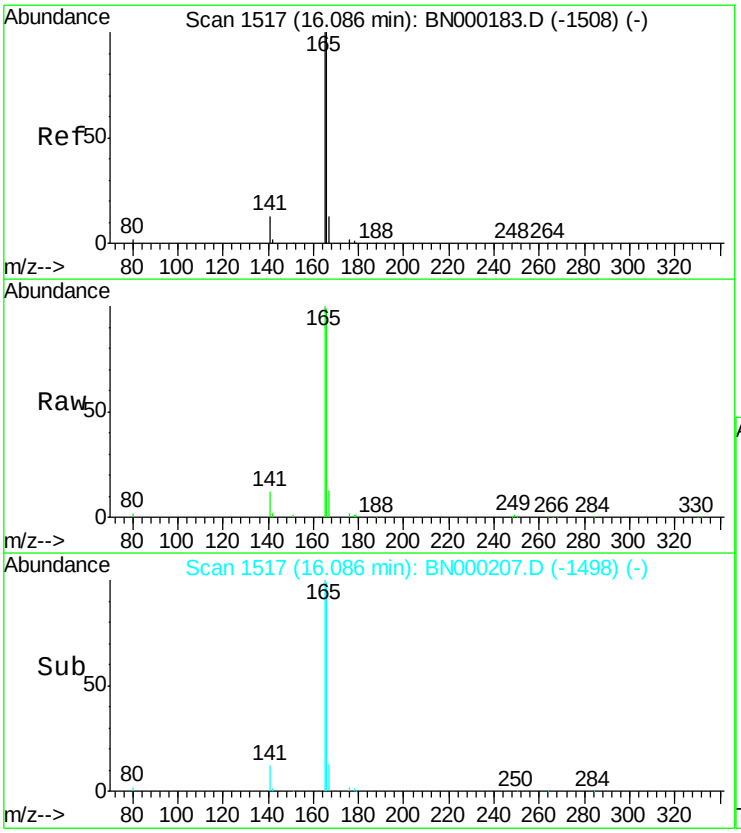
#17
Acenaphthene
Concen: 0.381 ng
RT: 15.12 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14146

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	57.1	42.0	63.0

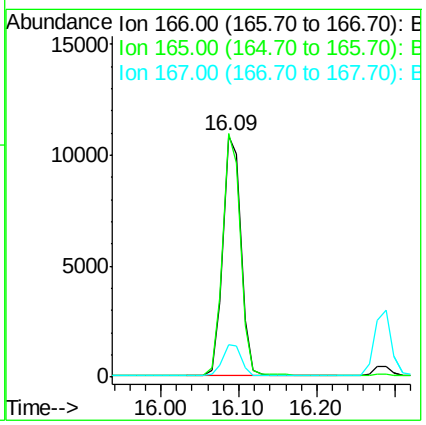


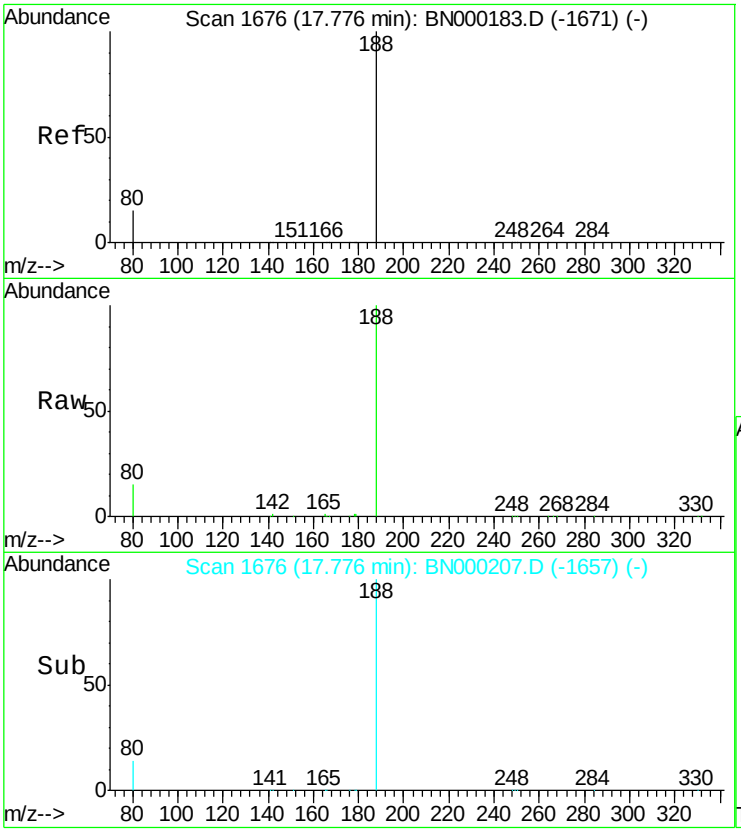


#18
Fluorene
Concen: 0.379 ng
RT: 16.09 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:166 Resp: 17542

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.4	42.4	63.6#



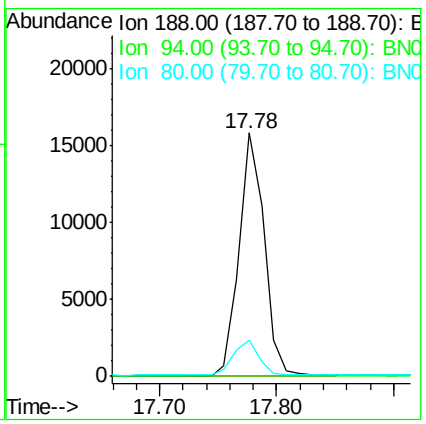


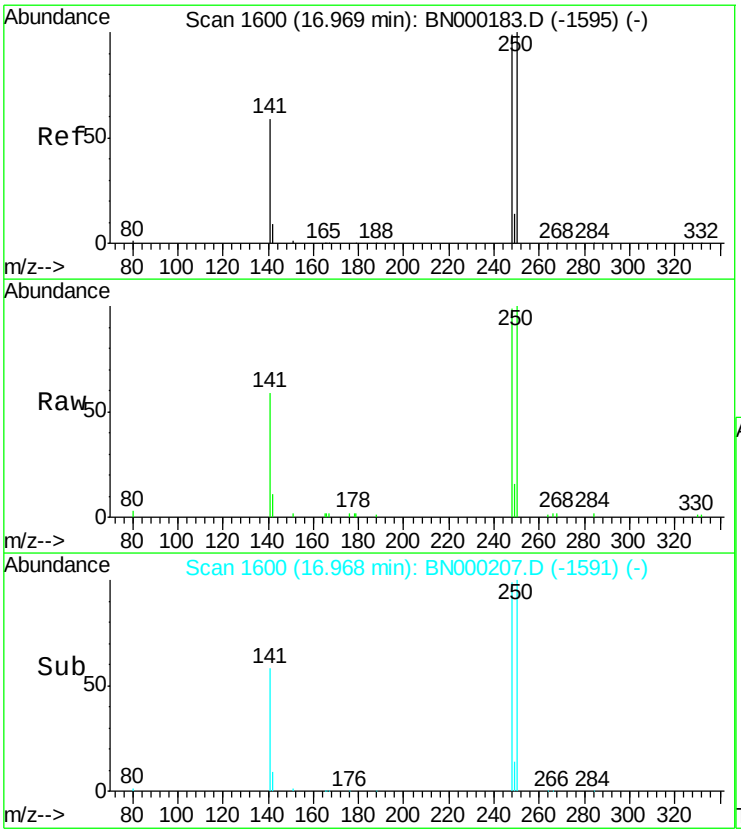
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.78 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 23379

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.8	3.6	5.4#

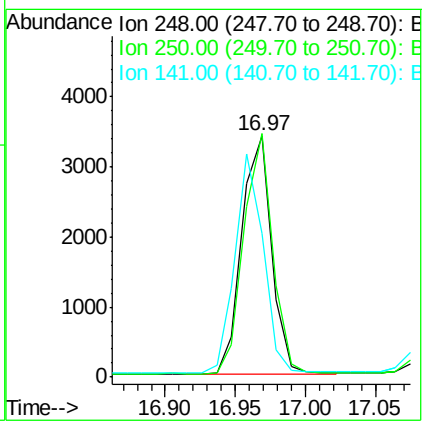


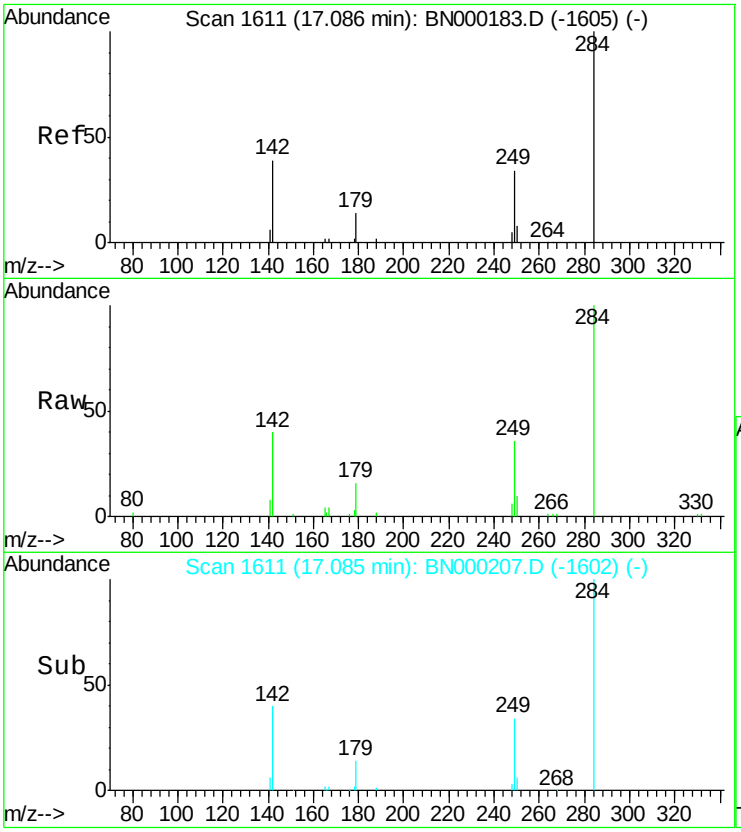


#20
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.97 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:248 Resp: 5023

Ion	Ratio	Lower	Upper
248	100		
250	101.0	62.7	94.1#
141	59.7	48.2	72.2



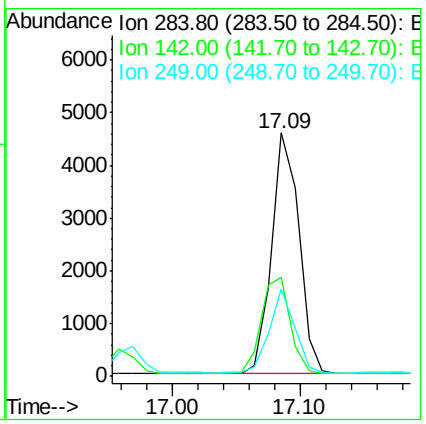


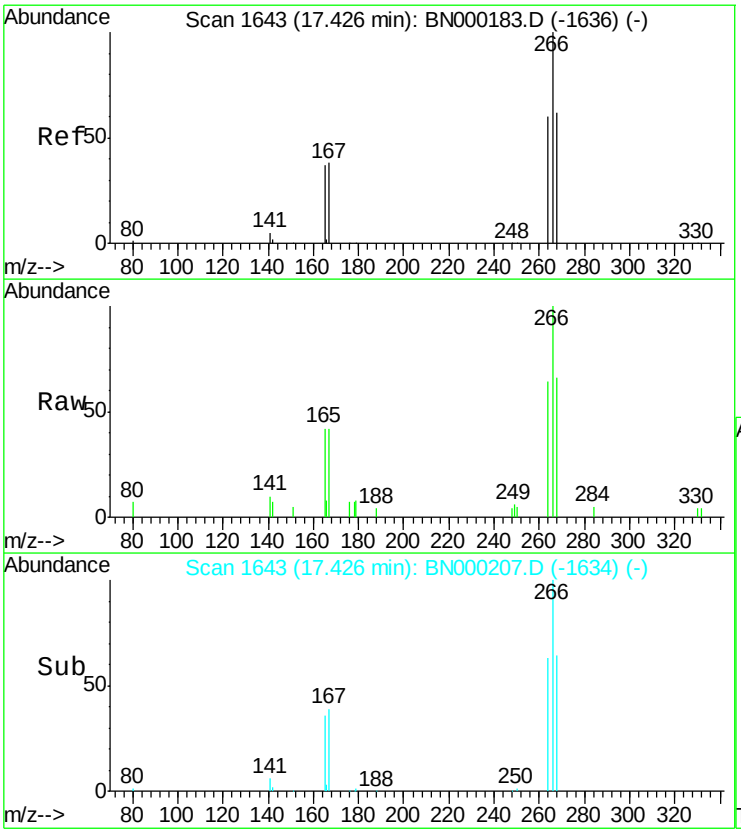
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 17.09 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6748

Ion	Ratio	Lower	Upper
284	100		
142	42.4	32.0	48.0
249	32.6	24.0	36.0

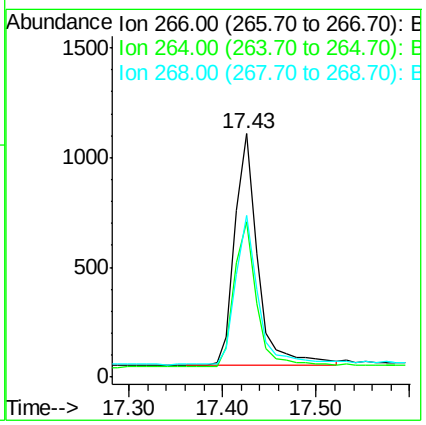


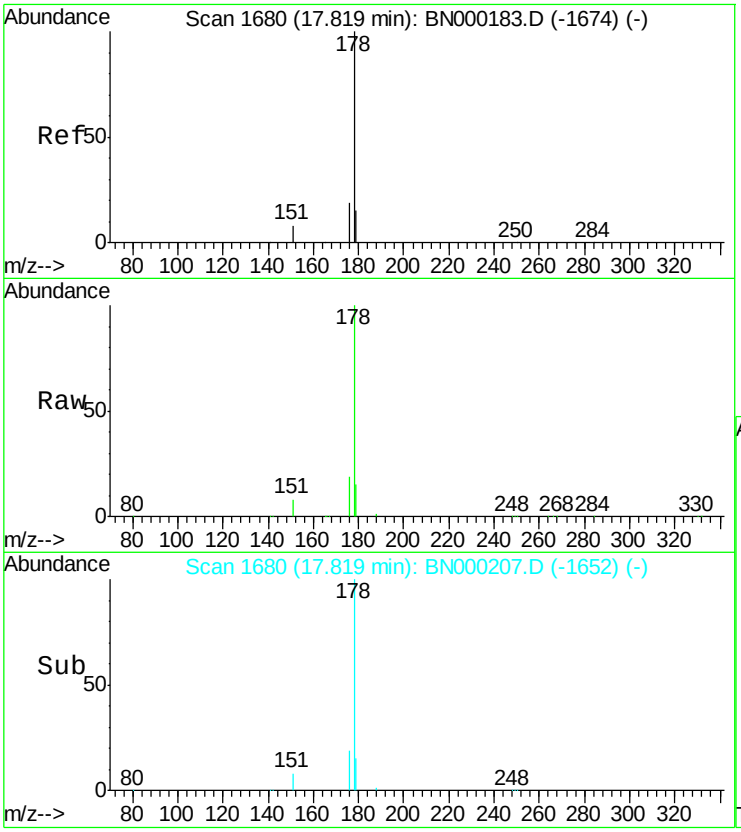


#22
Pentachlorophenol
Concen: 0.418 ng
RT: 17.43 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:266 Resp: 1818

Ion	Ratio	Lower	Upper
266	100		
264	63.6	48.0	72.0
268	66.5	52.0	78.0



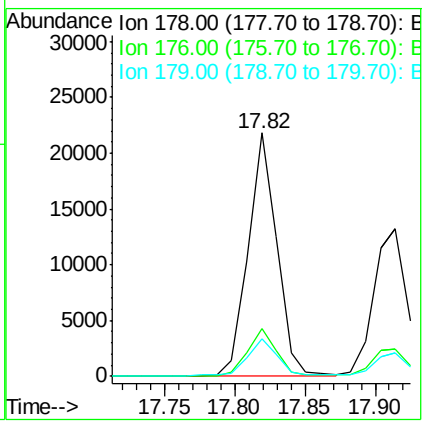


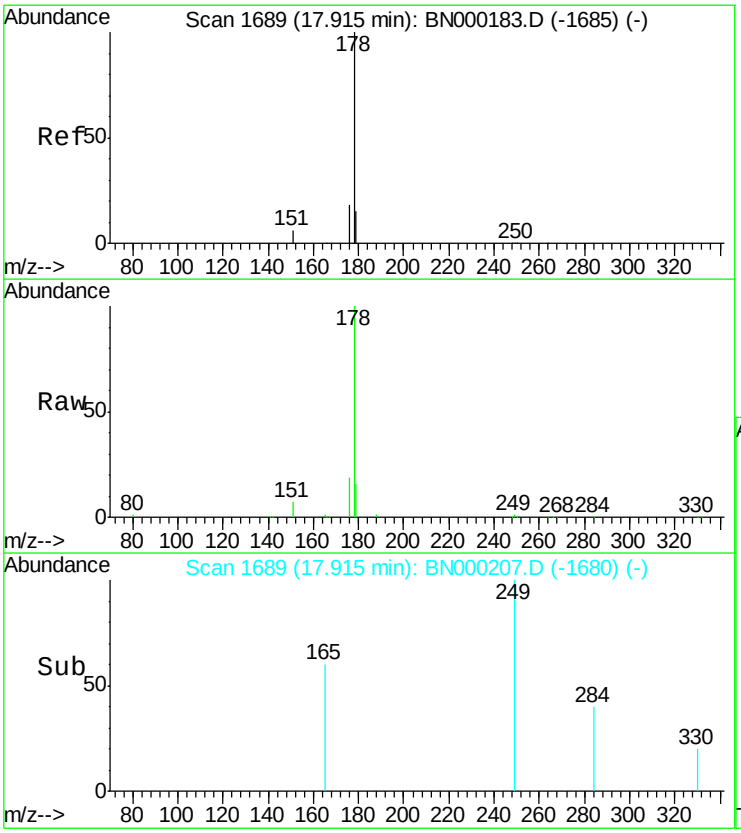
#23
Phenanthrene
Concen: 0.375 ng
RT: 17.82 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 30863

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.6	11.8	17.6

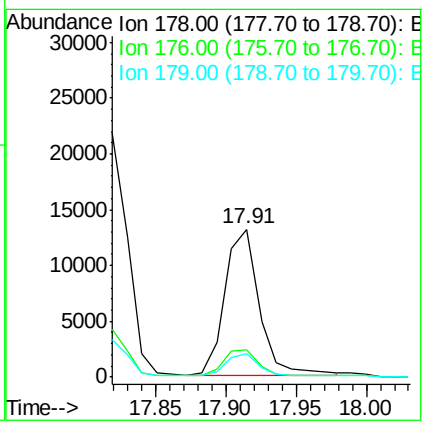


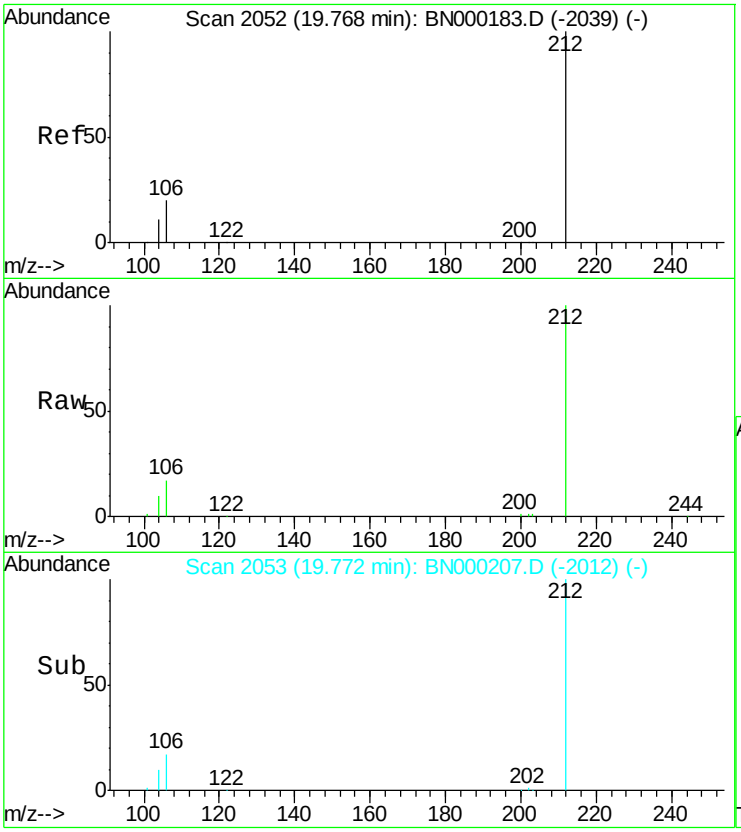


#24
Anthracene
Concen: 0.357 ng
RT: 17.91 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:178 Resp: 22290

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.2	13.0	19.6



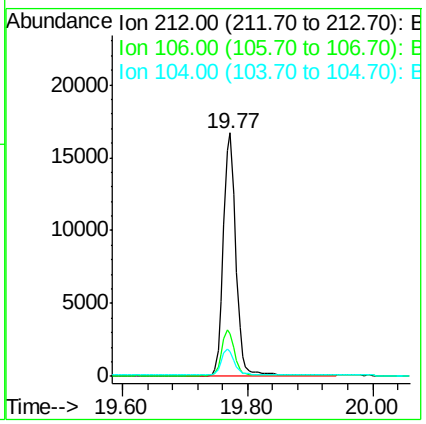


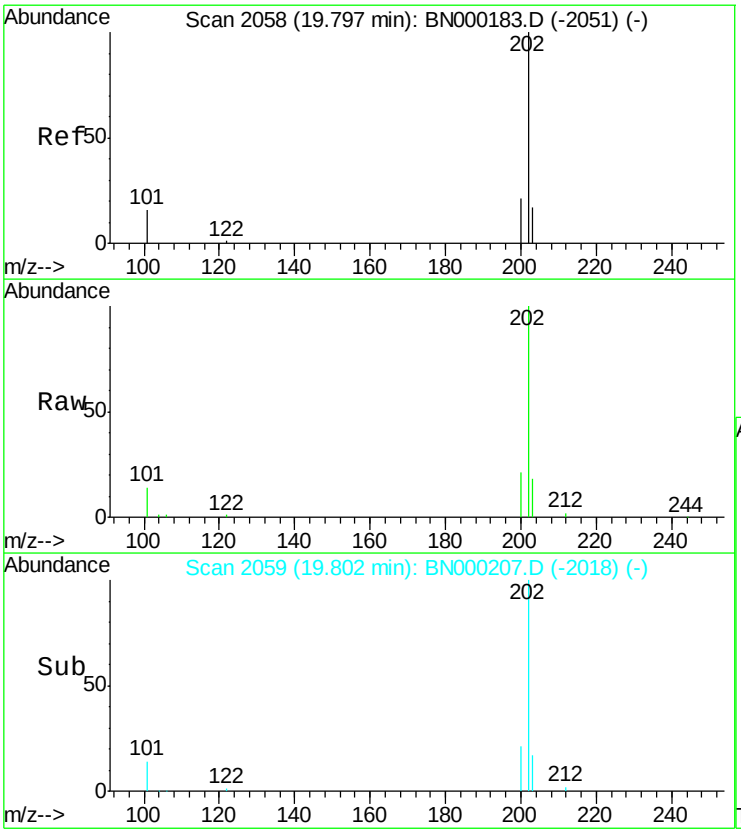
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.77 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 23073

Ion	Ratio	Lower	Upper
212	100		
106	19.1	2.8	4.2#
104	10.6	1.6	2.4#

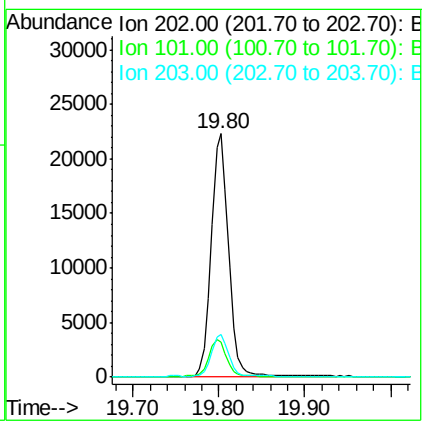


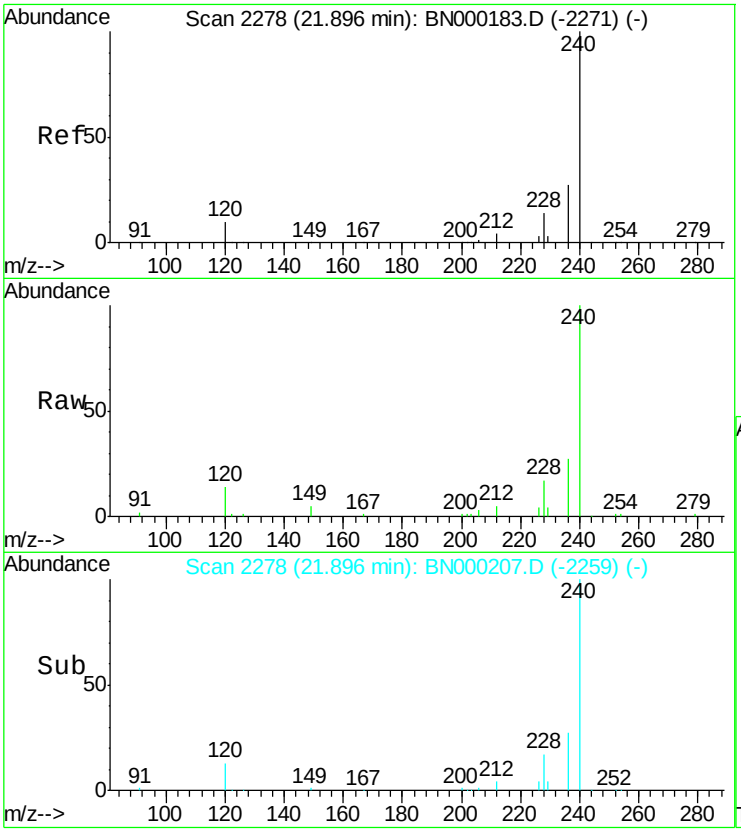


#26
Fluoranthene
Concen: 0.363 ng
RT: 19.80 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:202 Resp: 30992

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.8	14.8#
203	17.0	13.7	20.5



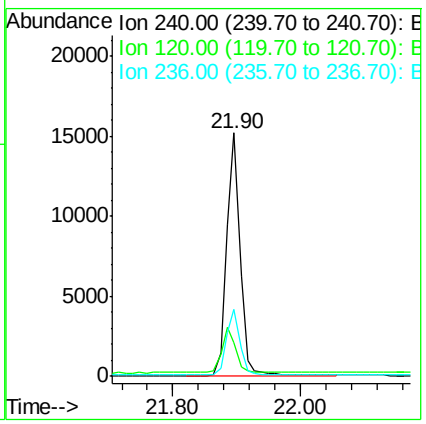


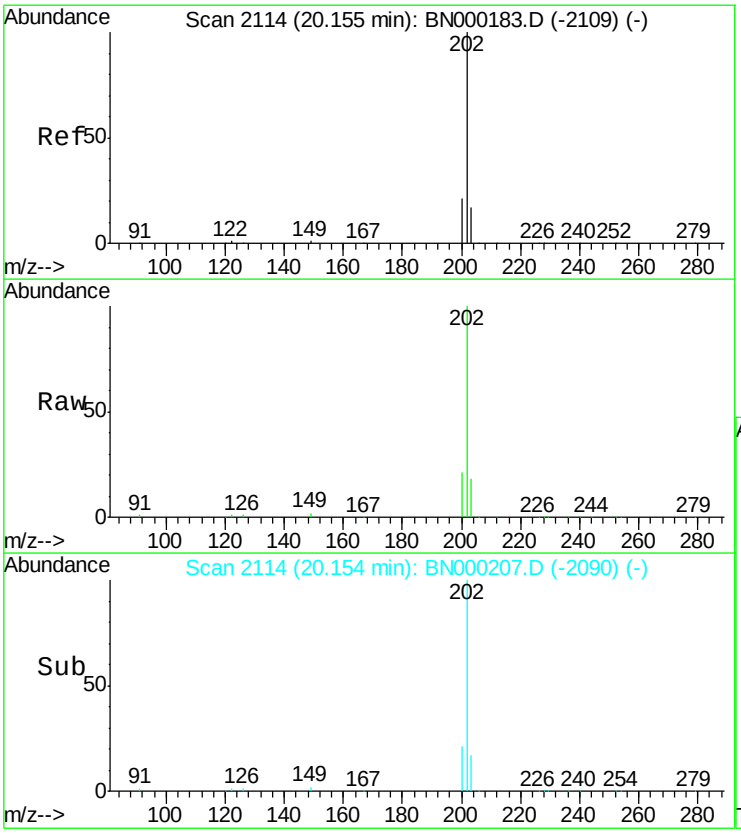
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.90 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 21841

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.5	8.3#
236	27.5	20.7	31.1

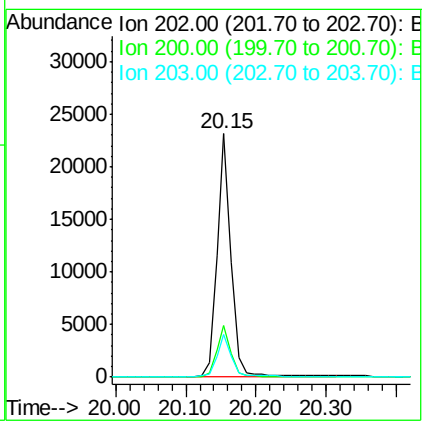


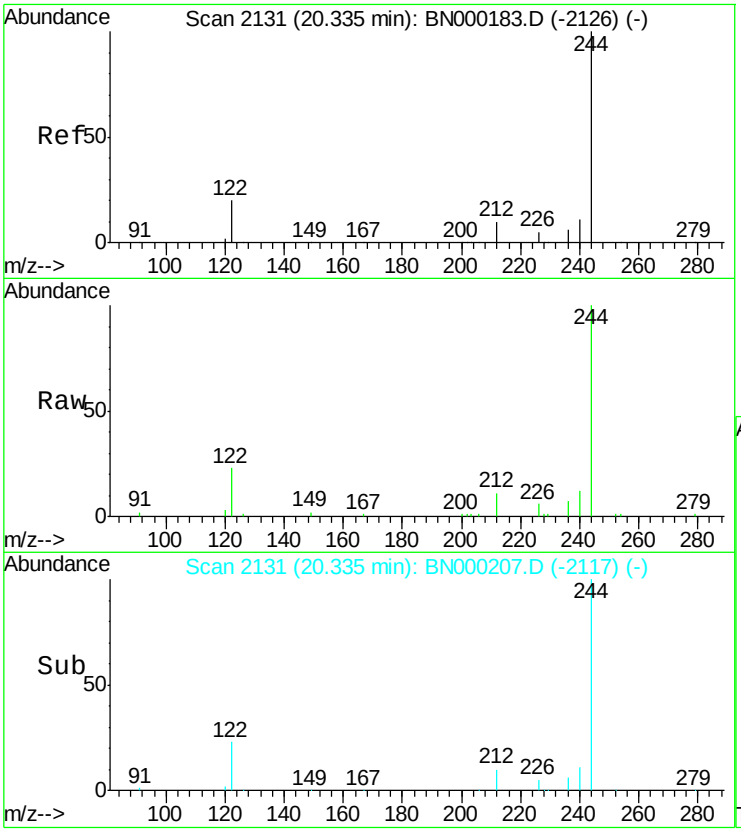


#28
Pyrene
Concen: 0.372 ng
RT: 20.15 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:202 Resp: 31924

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.4	13.8	20.8



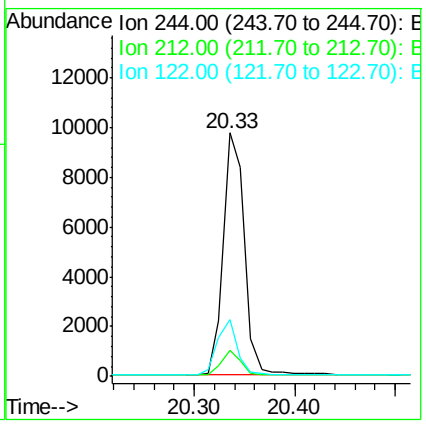


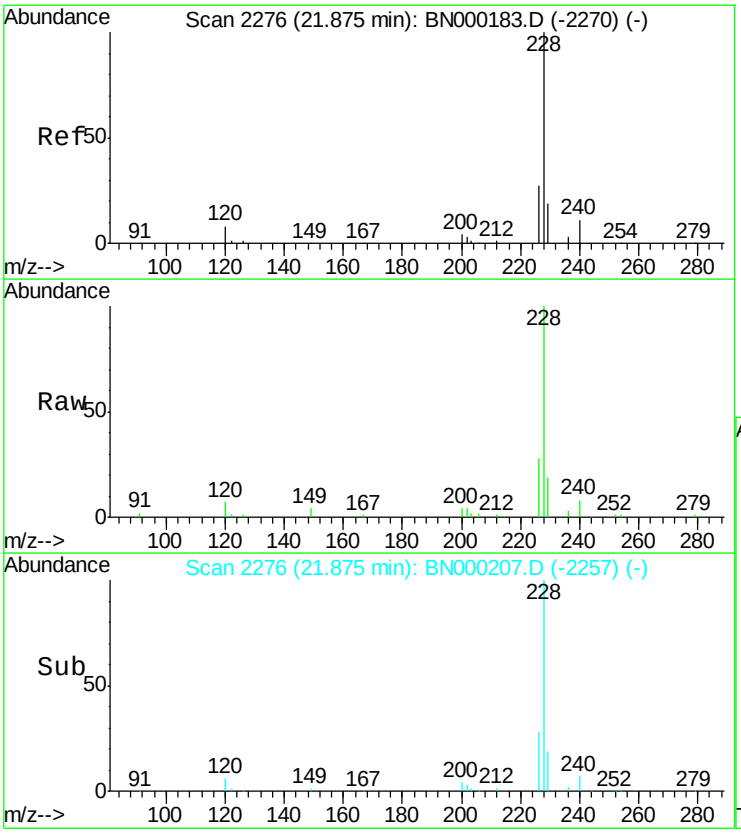
#29
Terphenyl-d14
Concen: 0.377 ng
RT: 20.33 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14458

Ion	Ratio	Lower	Upper
244	100		
212	10.9	25.4	38.0#
122	23.3	8.1	12.1#

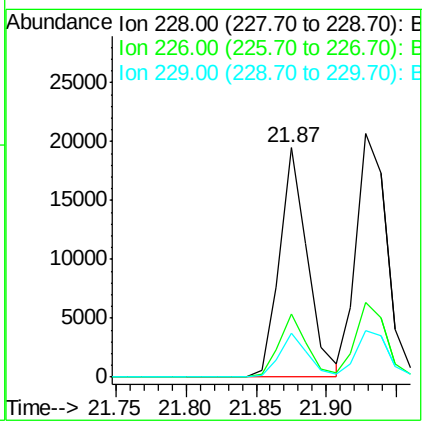


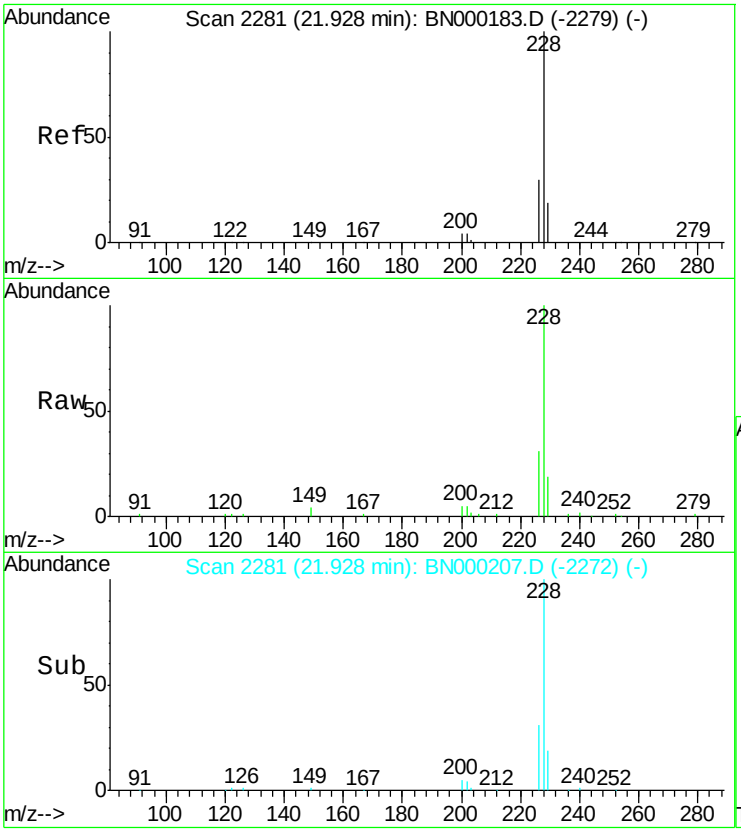


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.87 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:228 Resp: 27003

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	19.4	16.0	24.0



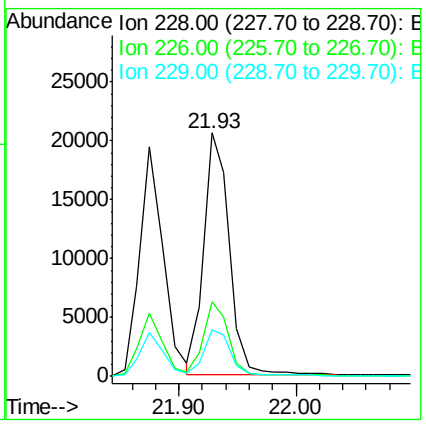


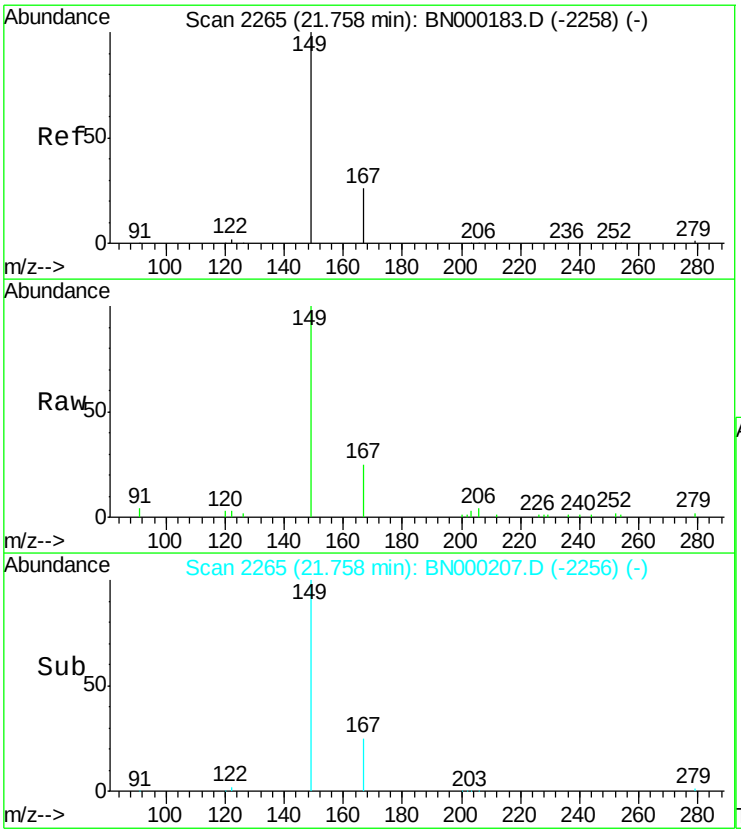
#31
Chrysene
Concen: 0.386 ng
RT: 21.93 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 31014

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	19.2	16.0	24.0

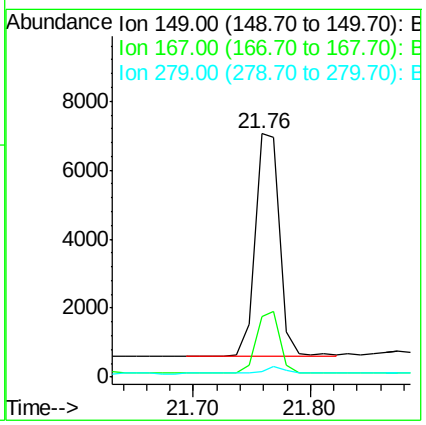


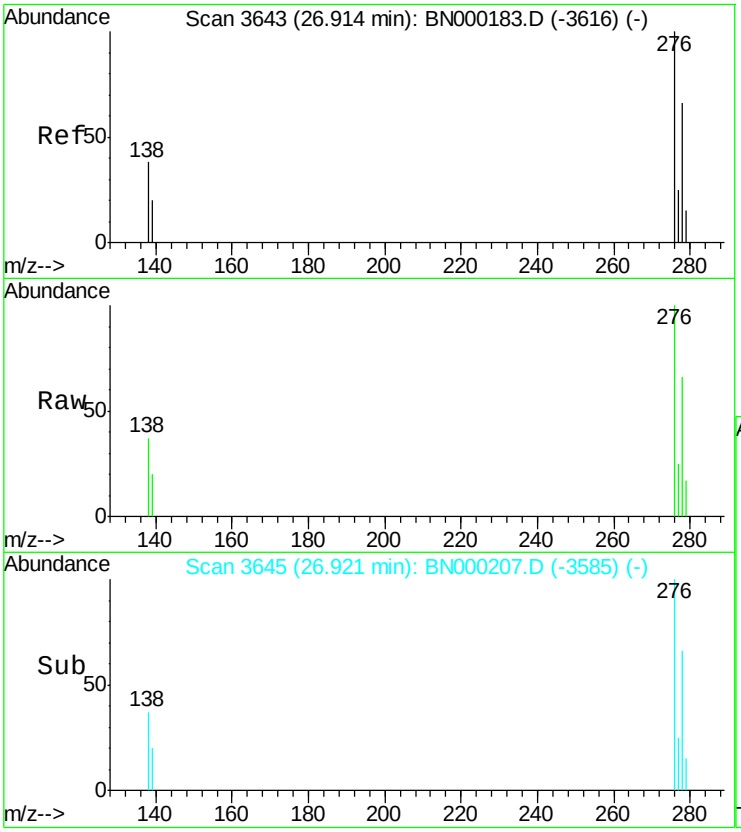


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 21.76 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:149 Resp: 9383

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.0	30.0
279	2.5	1.6	2.4#



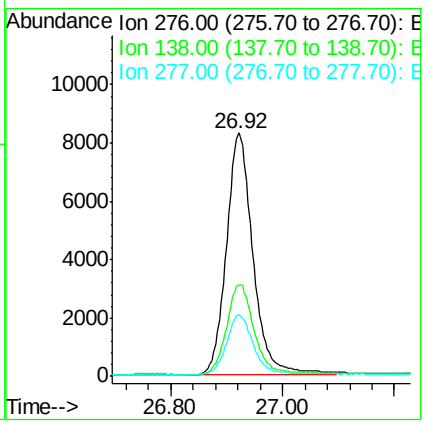


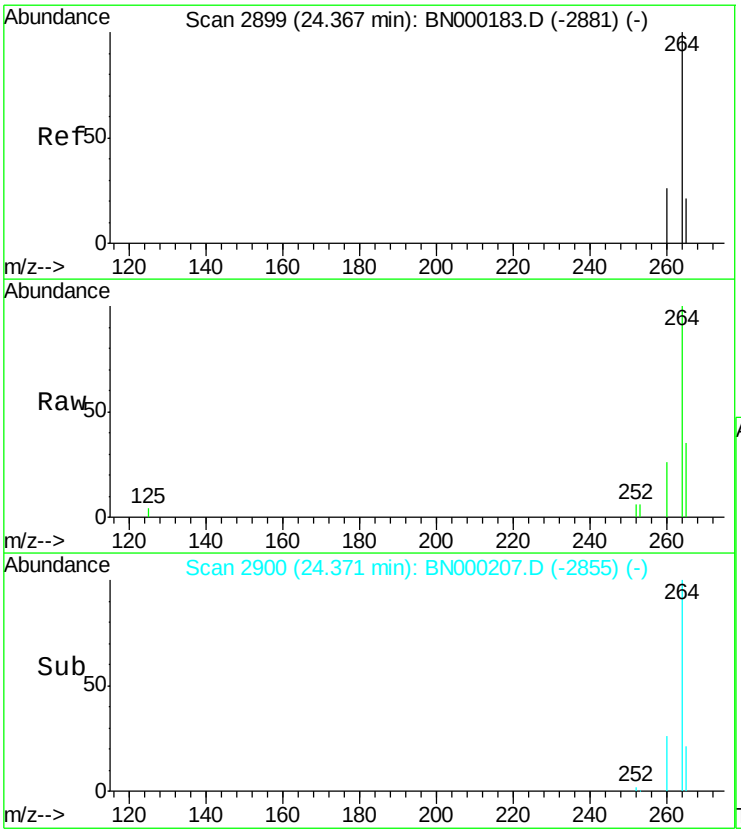
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 26.92 min Scan# 3645
Delta R.T. 0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27455

Ion	Ratio	Lower	Upper
276	100		
138	37.9	22.5	33.7#
277	24.5	19.9	29.9

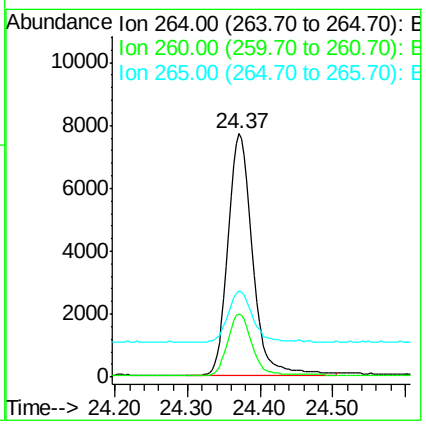


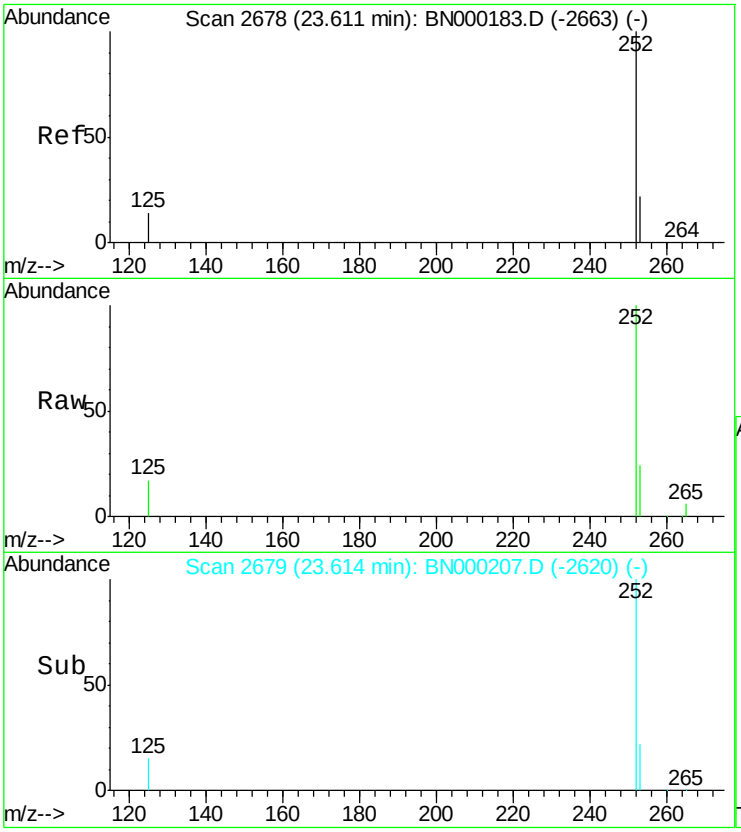


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.37 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:264 Resp: 17815

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	35.2	22.8	34.2#



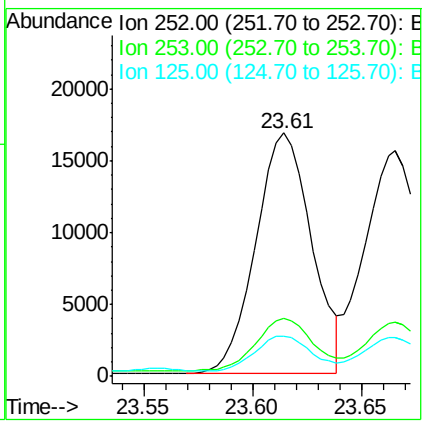


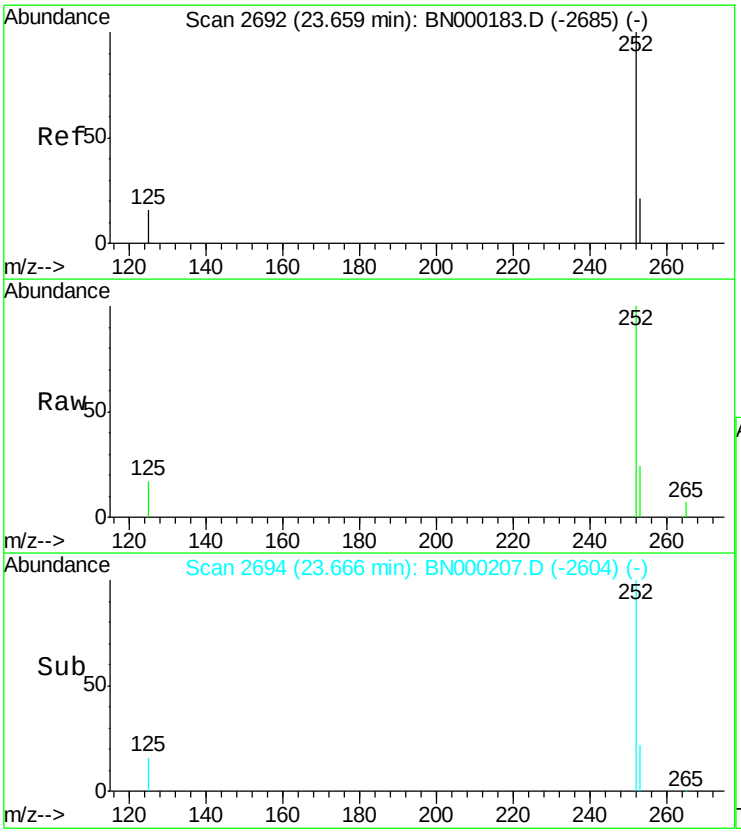
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.61 min Scan# 2679
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 29767

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.0	30.0
125	16.7	16.0	24.0

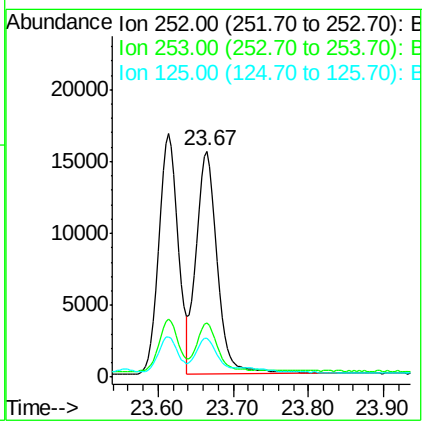


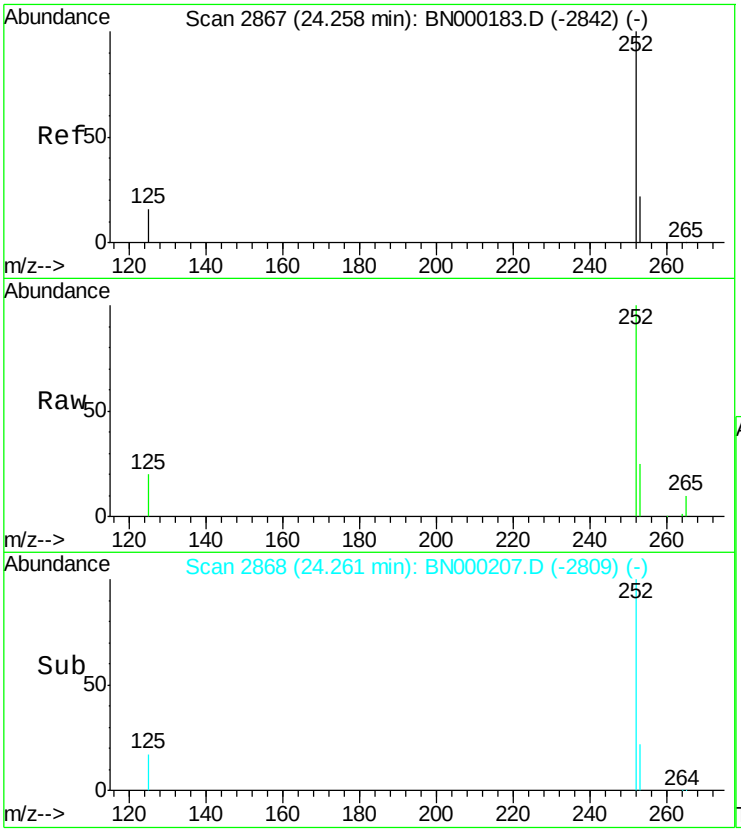


#36
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.67 min Scan# 2694
Delta R.T. 0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:252 Resp: 30458

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	17.5	8.0	12.0#



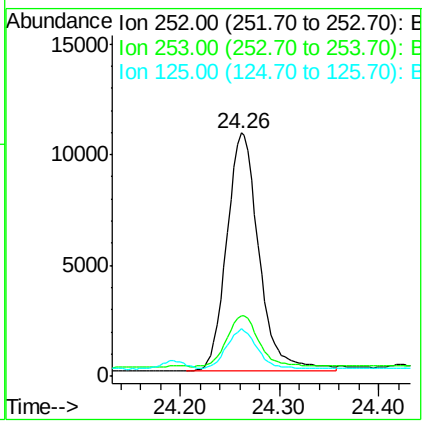


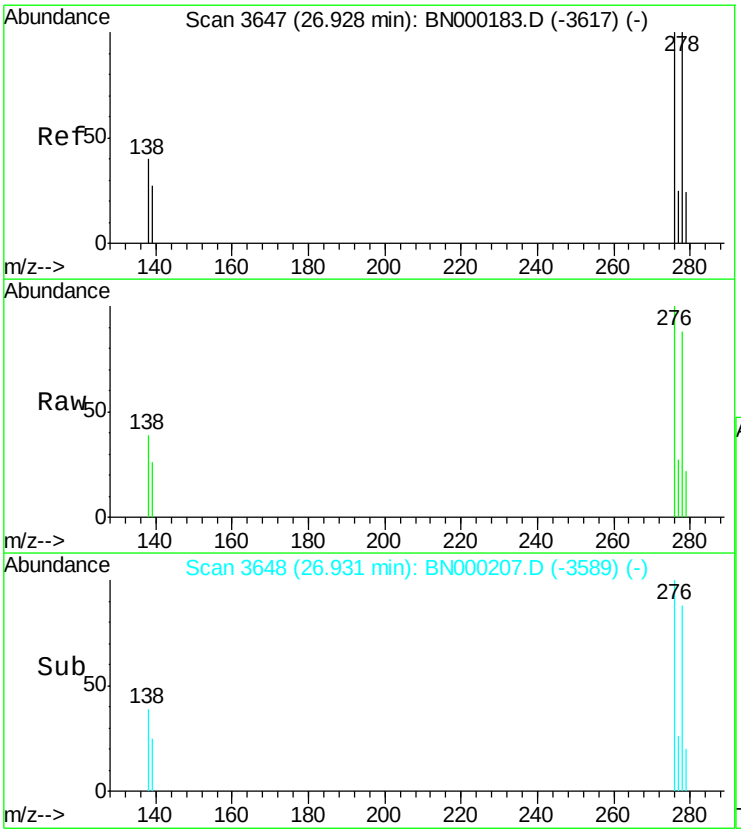
#37
Benzo(a)pyrene
Concen: 0.366 ng
RT: 24.26 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24278

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.0	24.0#
125	19.5	12.0	18.0#

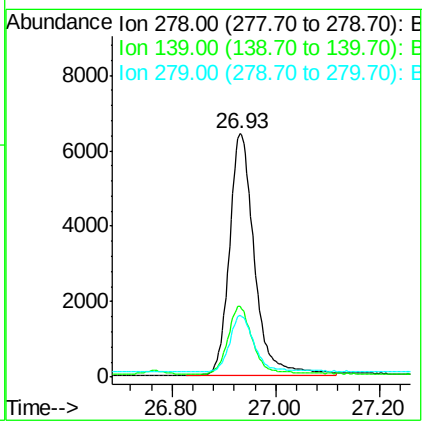


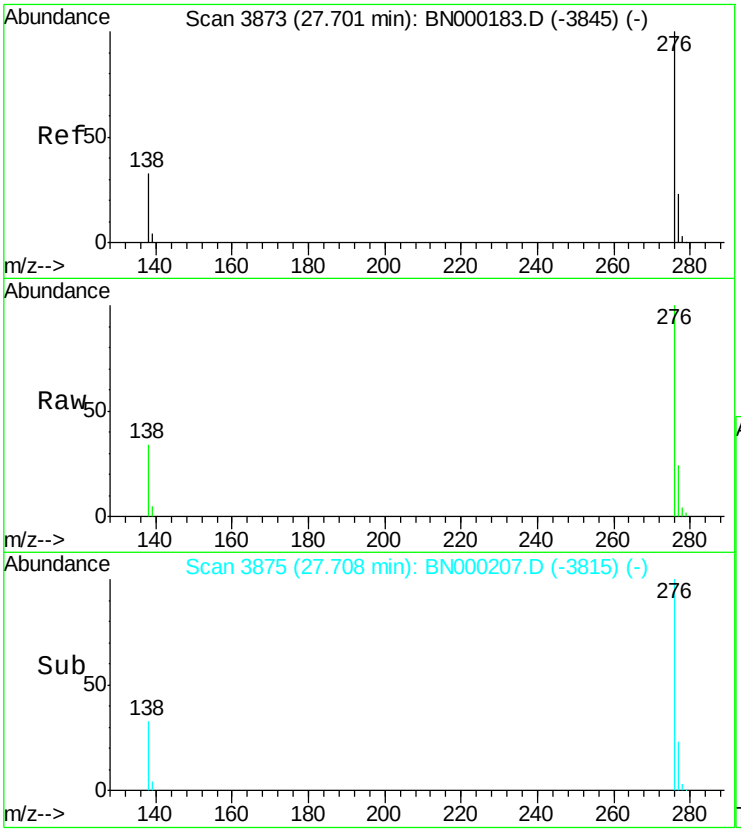


#38
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 26.93 min Scan# 3648
Delta R.T. 0.00 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Tgt Ion:278 Resp: 21401

Ion	Ratio	Lower	Upper
278	100		
139	29.2	16.0	24.0#
279	25.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.71 min Scan# 3875
Delta R.T. 0.01 min
Lab File: BN000207.D
Acq: 01 Mar 2018 08:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25591

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	34.3	20.0	30.0#