Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
Data File : BN002183.D
Acq On : 30 Jul 2018 12:47
Operator : JU/SJ
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 30 14:15:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 14:09:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3605	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	14347	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	8427	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	20522	0.40	ng		0.00
27) Chrysene-d12	21.27	240	20992	0.40	ng		0.00
34) Perylene-d12	23.50	264	17034	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	3192	0.42	ng		0.00
5) Phenol-d6	6.88	99	3804	0.39	ng		0.00
8) Nitrobenzene-d5	8.84	82	4228	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	8193	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1409	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	12232	0.31	ng		0.00
25) Fluoranthene-d10	19.11	212	20646	0.38	ng		0.00
29) Terphenyl-d14	19.71	244	16649	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1463	0.392	ng		99
3) n-Nitrosodimethylamine	3.61	42	968	0.381	ng		99
6) bis(2-Chloroethyl)ether	7.13	93	3913	0.318	ng		91
9) Naphthalene	10.52	128	12691	0.303	ng		96
10) Hexachlorobutadiene	10.80	225	2745	0.386	ng	#	55
12) 2-Methylnaphthalene	12.13	142	8652	0.315	ng		97
16) Acenaphthylene	14.03	152	13695	0.345	ng		100
17) Acenaphthene	14.38	154	8892	0.284	ng		96
18) Fluorene	15.37	166	11304	0.289	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	4276	0.362	ng	#	80
21) Hexachlorobenzene	16.38	284	4818	0.305	ng		95
22) Pentachlorophenol	16.74	266	896	0.212	ng		94
23) Phenanthrene	17.11	178	19634	0.272	ng		99
24) Anthracene	17.21	178	16032	0.293	ng		96
26) Fluoranthene	19.14	202	22842	0.305	ng		97
28) Pyrene	19.50	202	23235	0.282	ng		100
30) Benzo(a)anthracene	21.26	228	20253	0.306	ng		95
31) Chrysene	21.30	228	22800	0.295	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	9498	0.386	ng	#	94
33) Indeno(1,2,3-cd)pyrene	25.73	276	18861	0.261	ng		94
35) Benzo(b)fluoranthene	22.83	252	19815	0.255	ng	#	89
36) Benzo(k)fluoranthene	22.88	252	19784	0.260	ng		95
37) Benzo(a)pyrene	23.40	252	17341	0.274	ng		93
38) Dibenzo(a,h)anthracene	25.74	278	15497	0.275	ng	#	96
39) Benzo(g,h,i)perylene	26.41	276	15978	0.240	ng	#	90

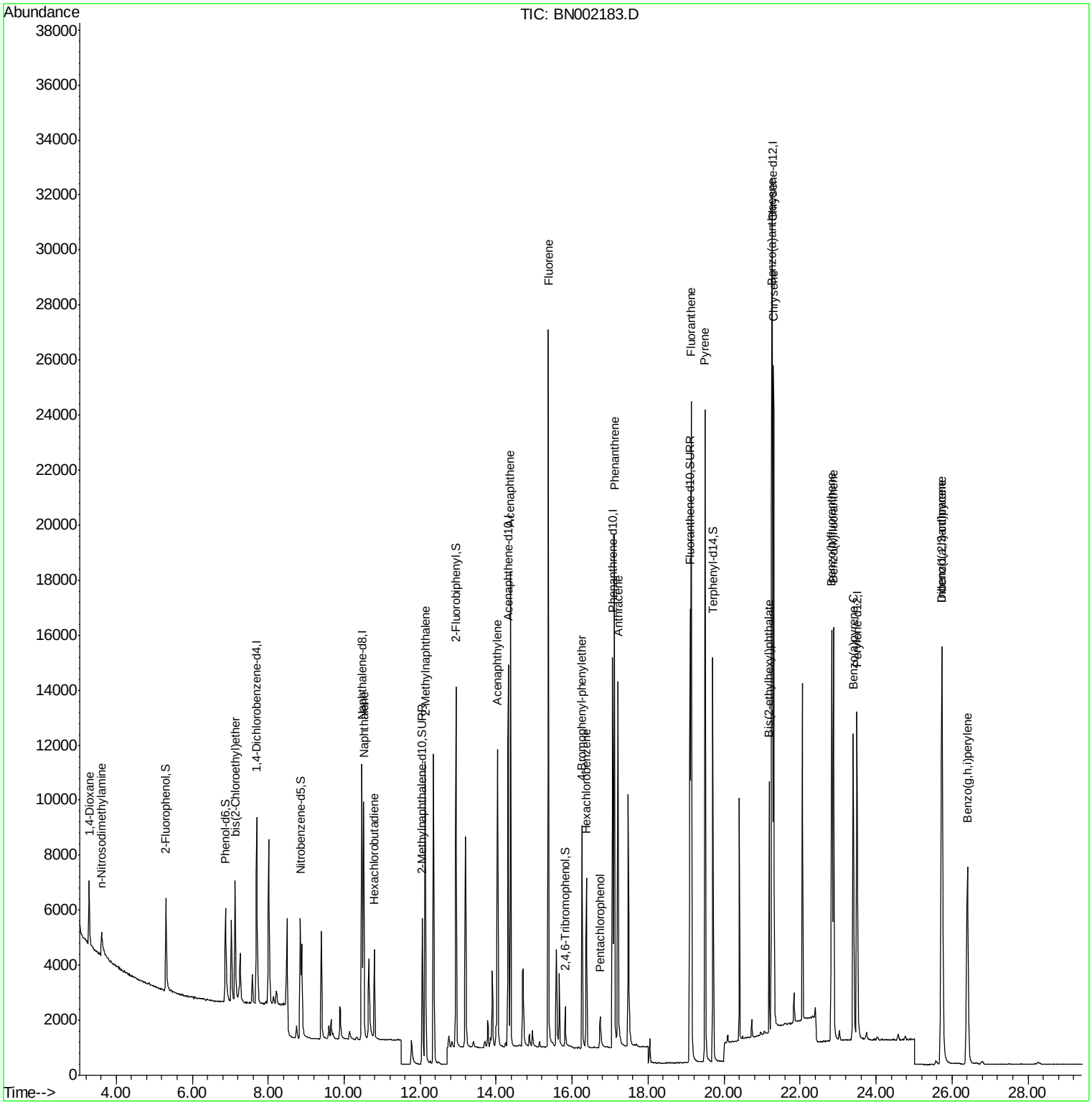
(#) = qualifier out of range (m) = manual integration (+) = signals summed

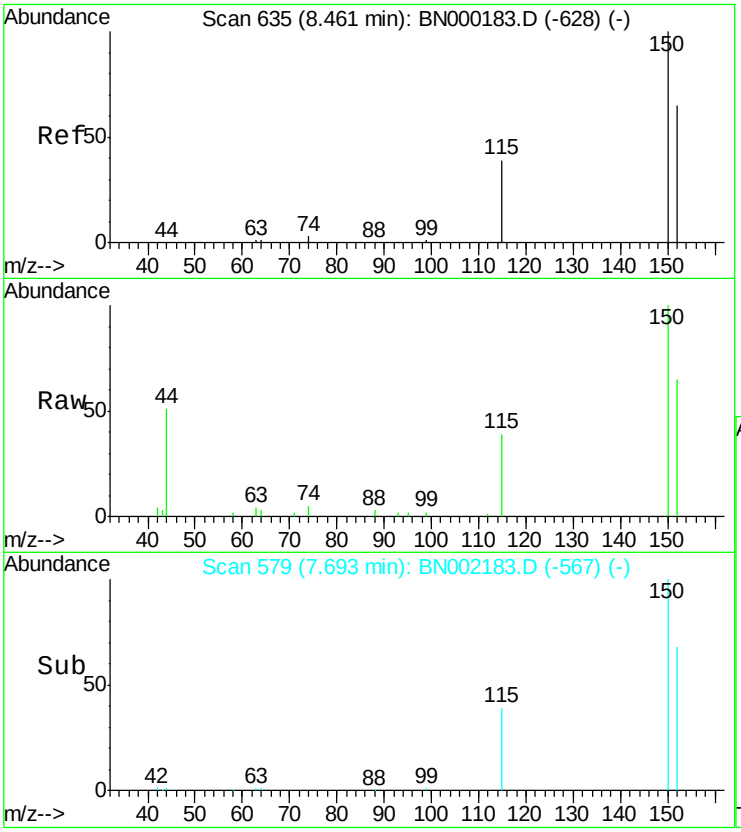
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
Data File : BN002183.D
Acq On : 30 Jul 2018 12:47
Operator : JU/SJ
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jul 30 14:15:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 14:09:58 2018
Response via : Initial Calibration



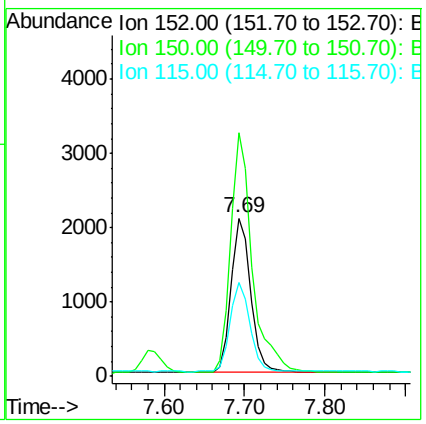


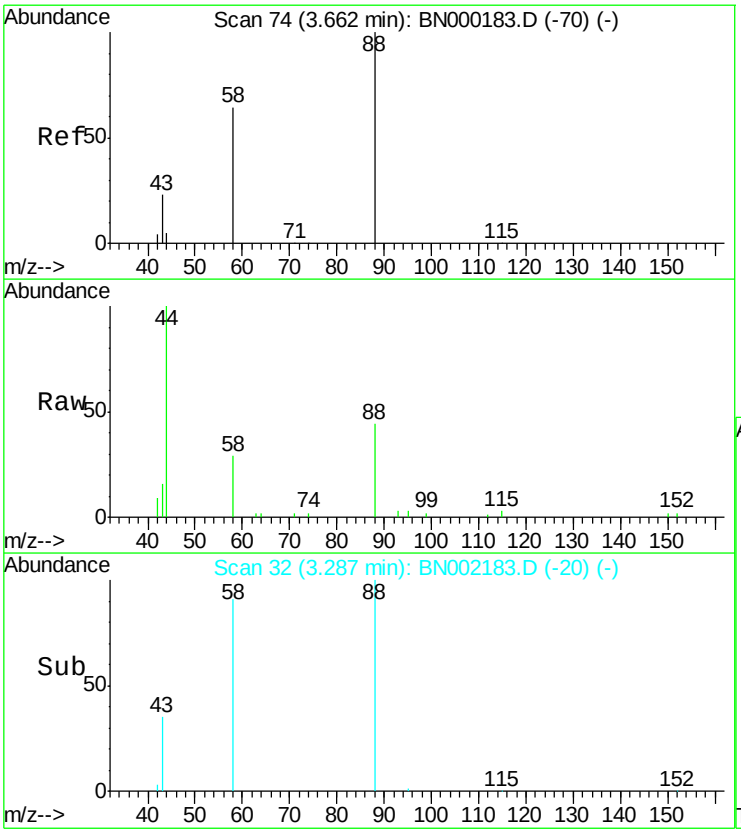
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 3605

Ion	Ratio	Lower	Upper
152	100		
150	153.9	117.2	175.8
115	59.7	57.0	85.6

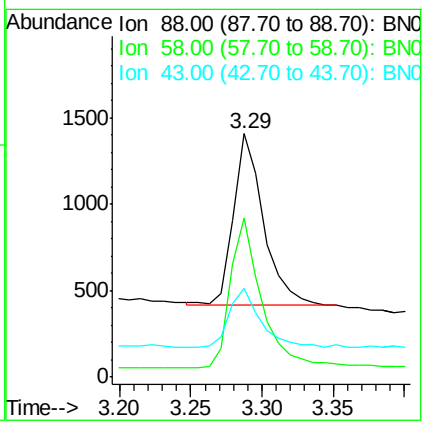


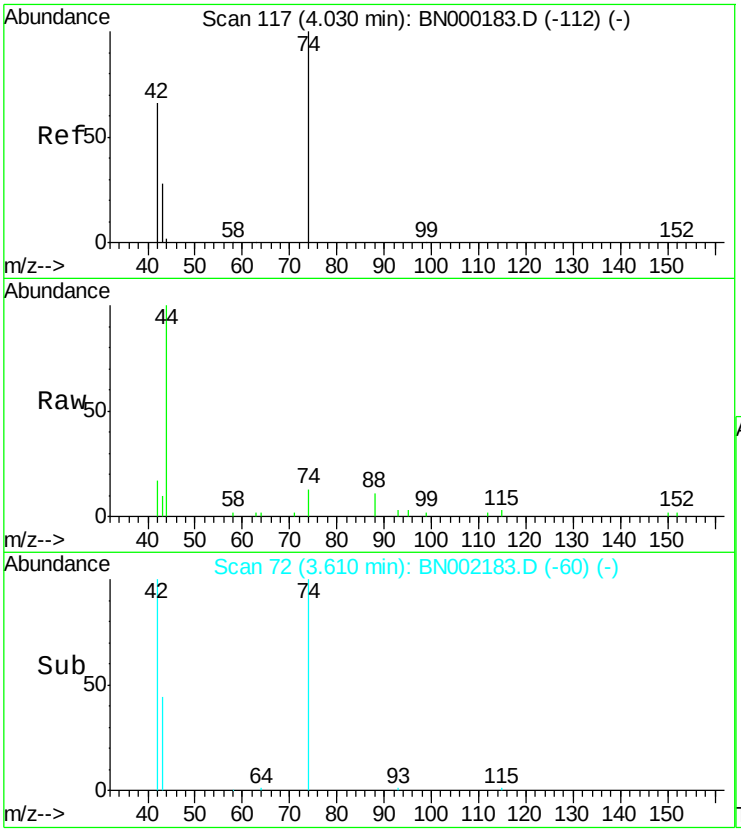


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.29 min Scan# 32
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion: 88 Resp: 1463

Ion	Ratio	Lower	Upper
88	100		
58	89.6	72.0	108.0
43	36.6	28.0	42.0



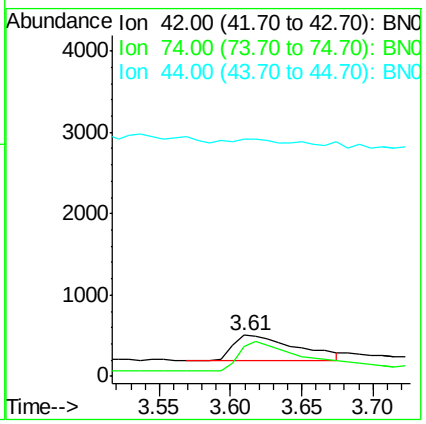


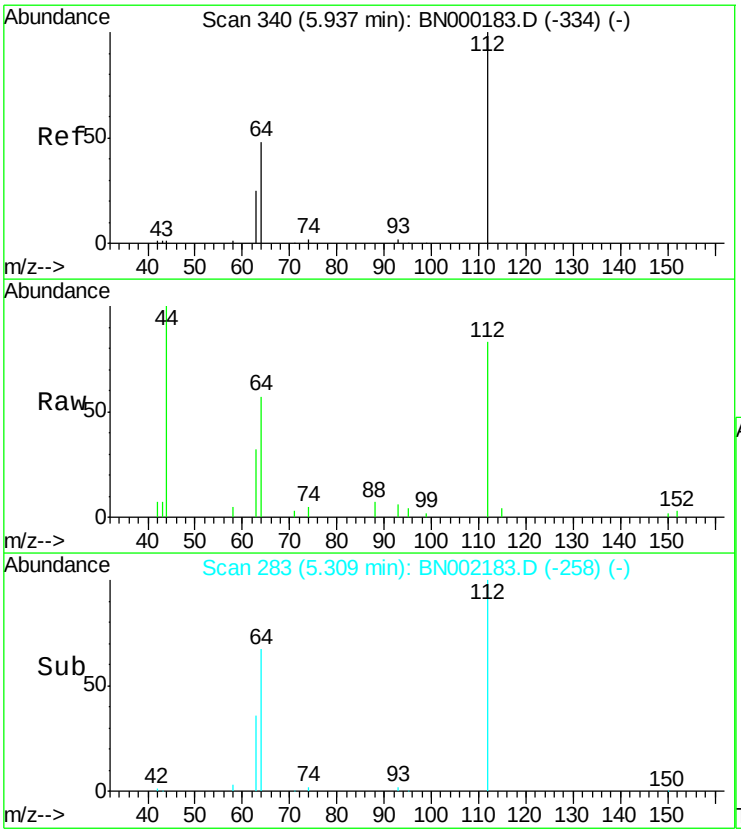
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.61 min Scan# 72
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 968

Ion	Ratio	Lower	Upper
42	100		
74	109.9	88.0	132.0
44	21.6	16.0	24.0

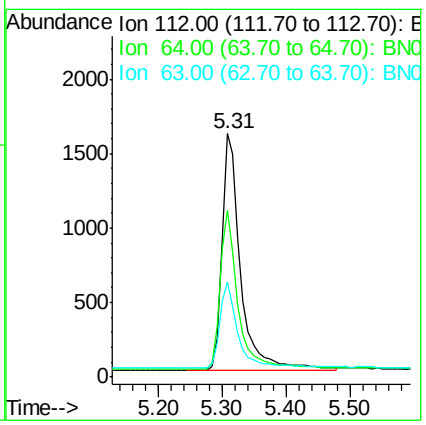


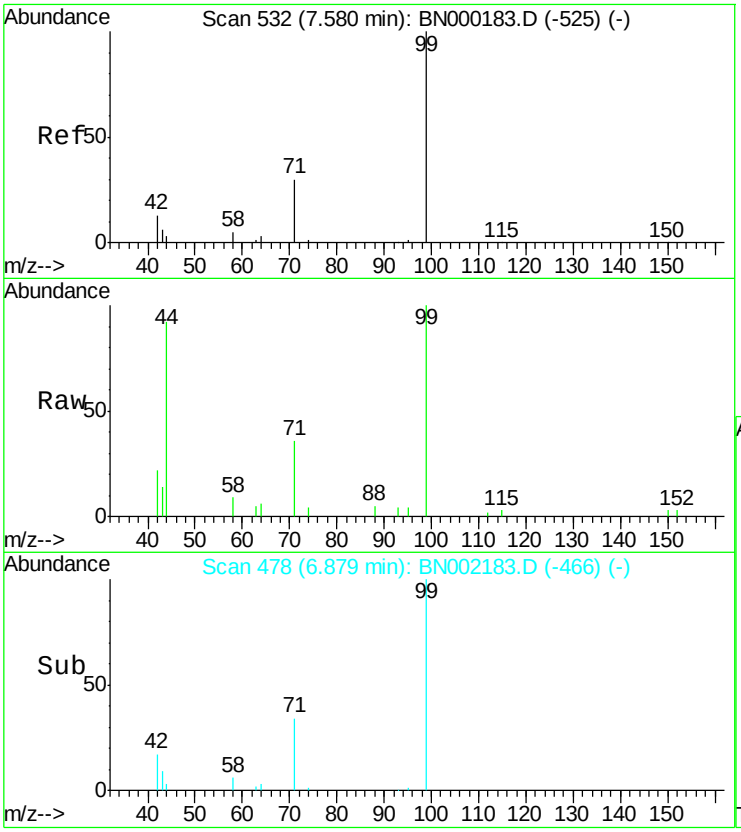


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.31 min Scan# 283
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:112 Resp: 3192

Ion	Ratio	Lower	Upper
112	100		
64	64.6	60.1	90.1
63	35.2	116.8	175.2#



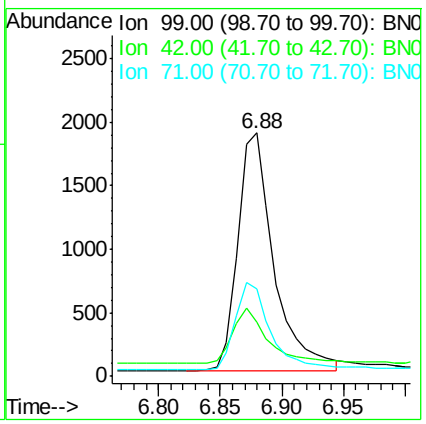


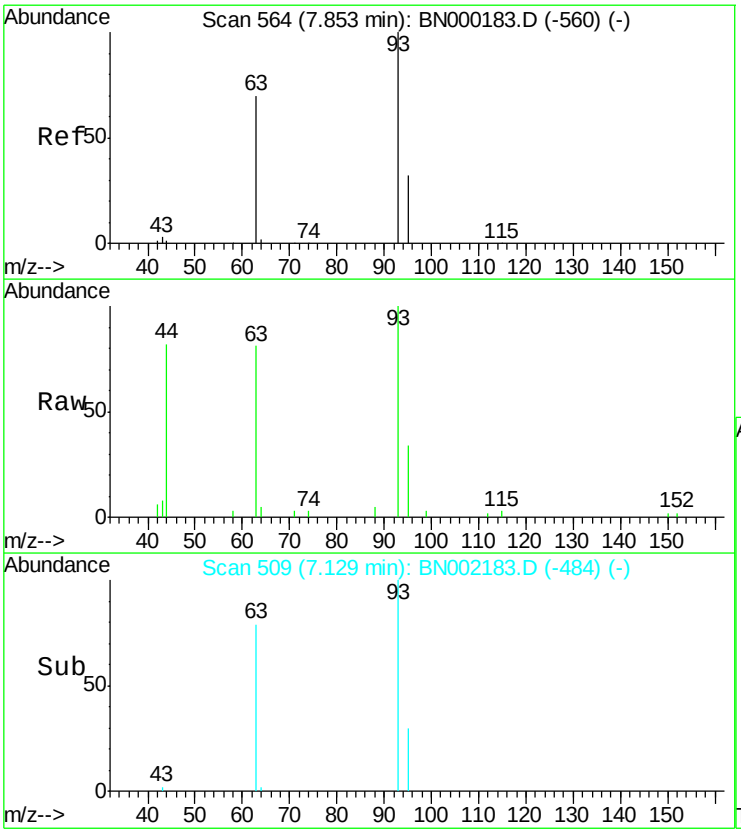
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.88 min Scan# 478
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3804

Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.2	30.2
71	36.1	28.4	42.6

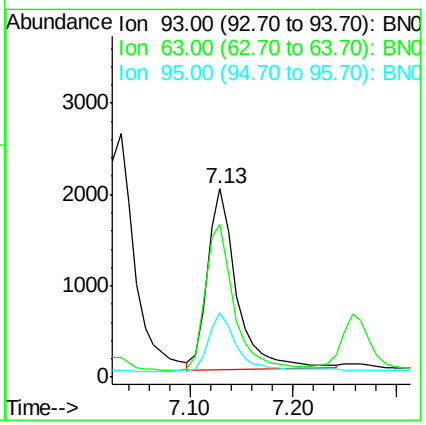


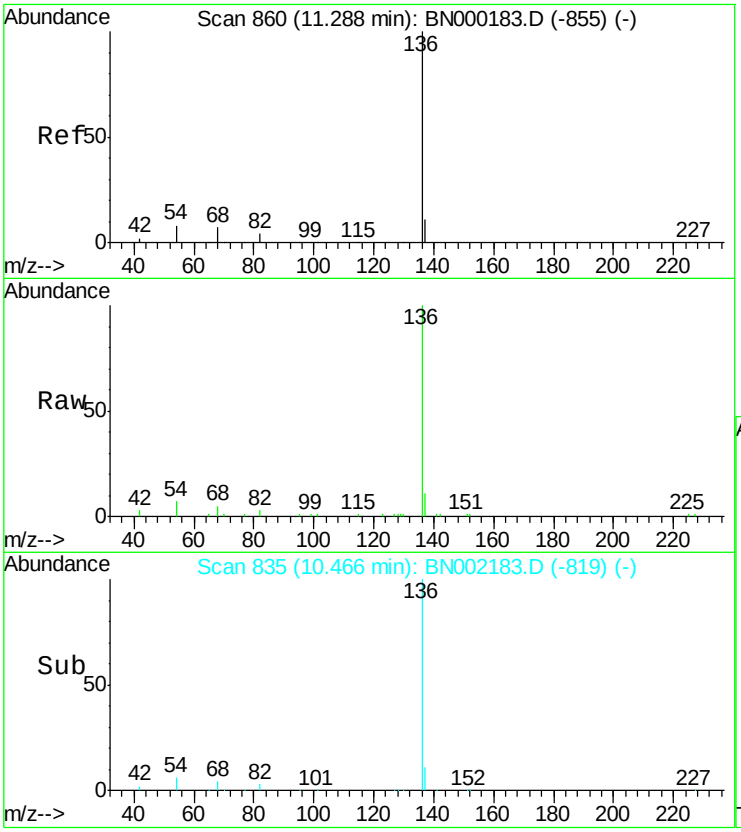


#6
bis(2-Chloroethyl)ether
Concen: 0.318 ng
RT: 7.13 min Scan# 509
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion: 93 Resp: 3913

Ion	Ratio	Lower	Upper
93	100		
63	80.7	56.0	84.0
95	31.4	25.2	37.8



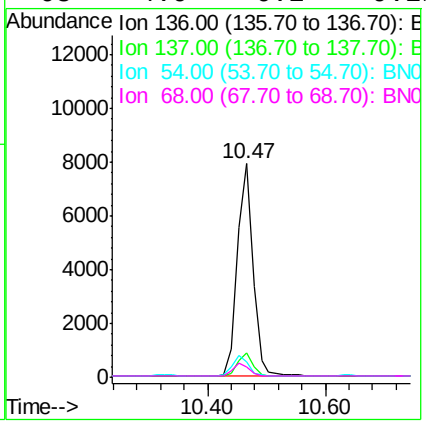


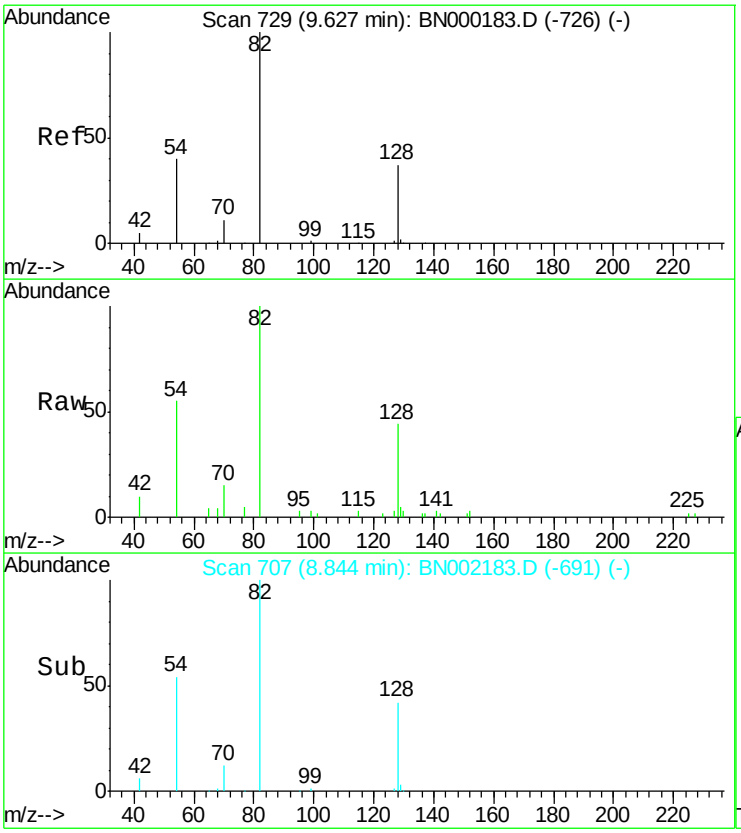
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 14347

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	7.0	29.1	43.7#
68	4.9	6.2	9.2#

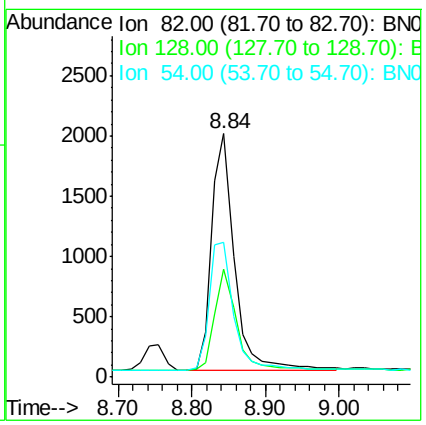


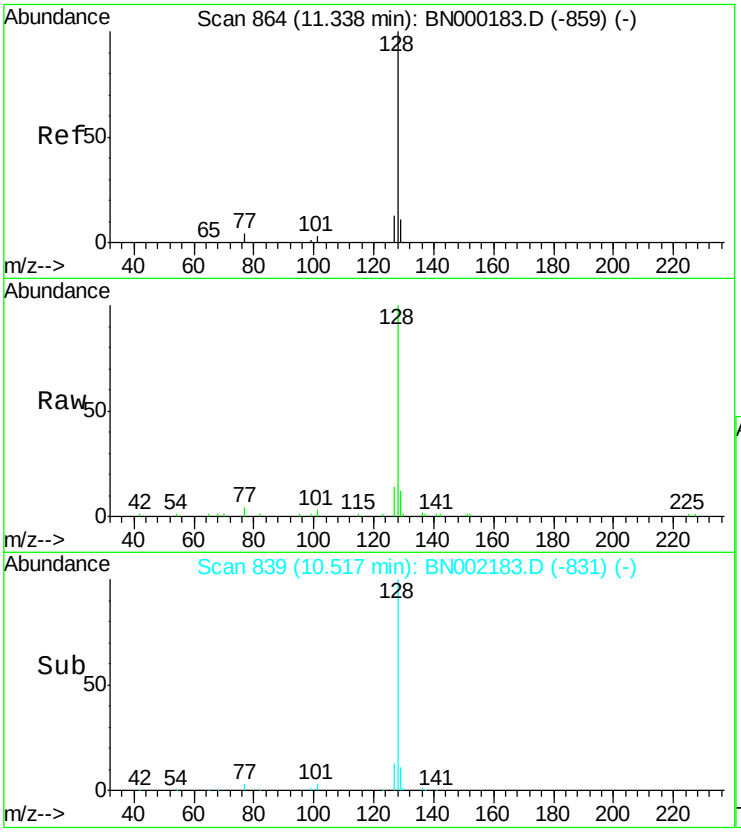


#8
Nitrobenzene-d5
Concen: 0.497 ng
RT: 8.84 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion: 82 Resp: 4228

Ion	Ratio	Lower	Upper
82	100		
128	44.1	150.0	225.0#
54	55.3	154.2	231.4#



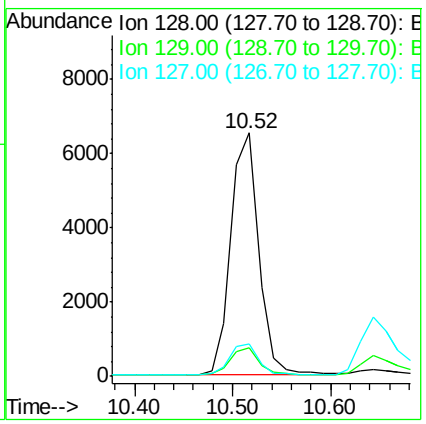


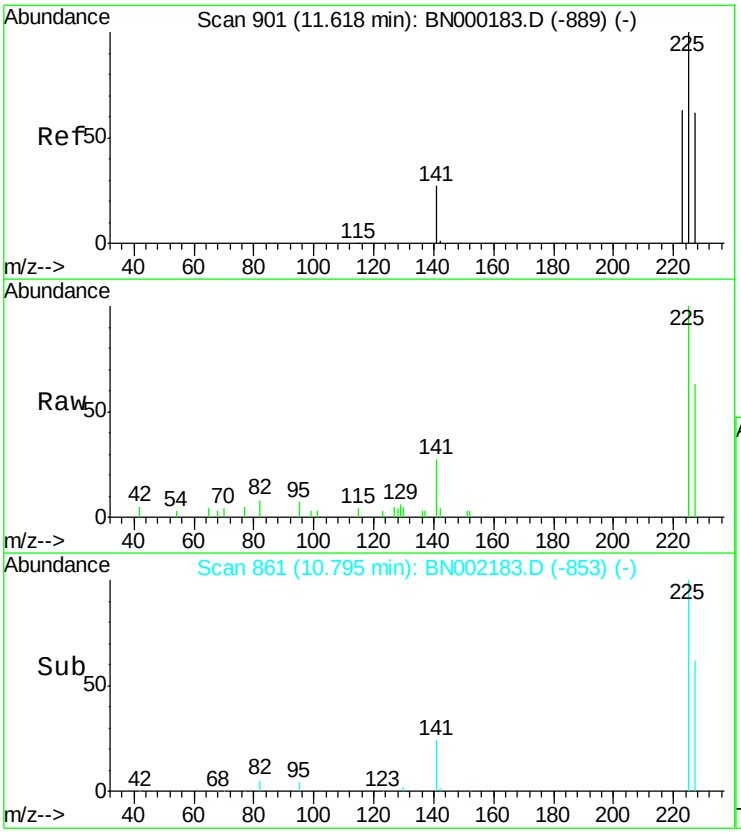
#9
Naphthalene
Concen: 0.303 ng
RT: 10.52 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 12691

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.0	12.0
127	13.5	9.6	14.4

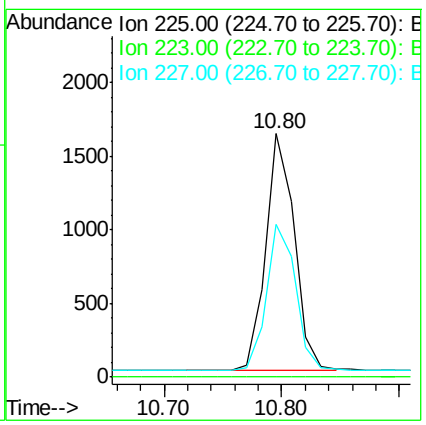


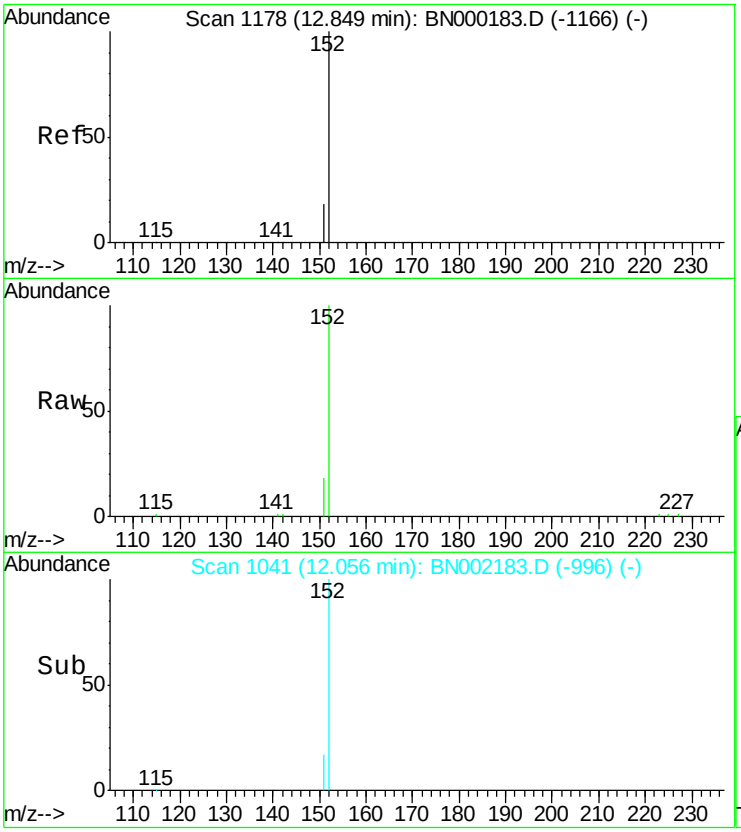


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.80 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:225 Resp: 2745

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	62.8	48.0	72.0



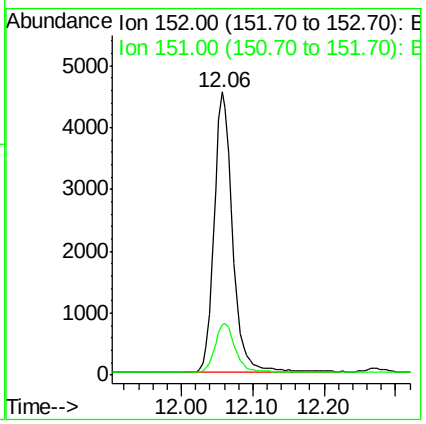


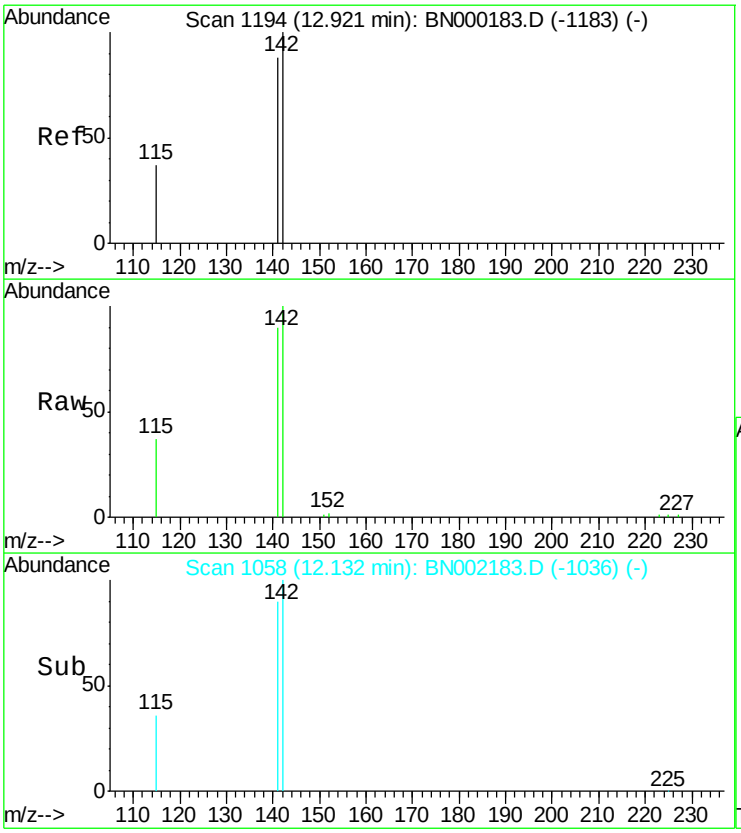
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.06 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8193

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

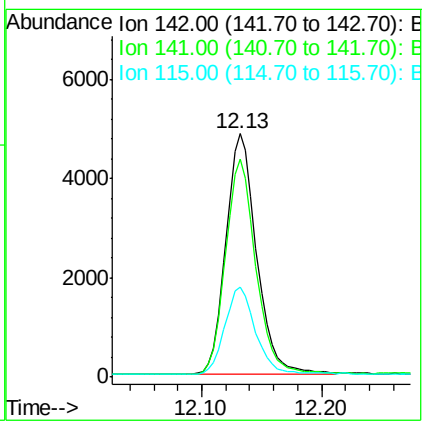


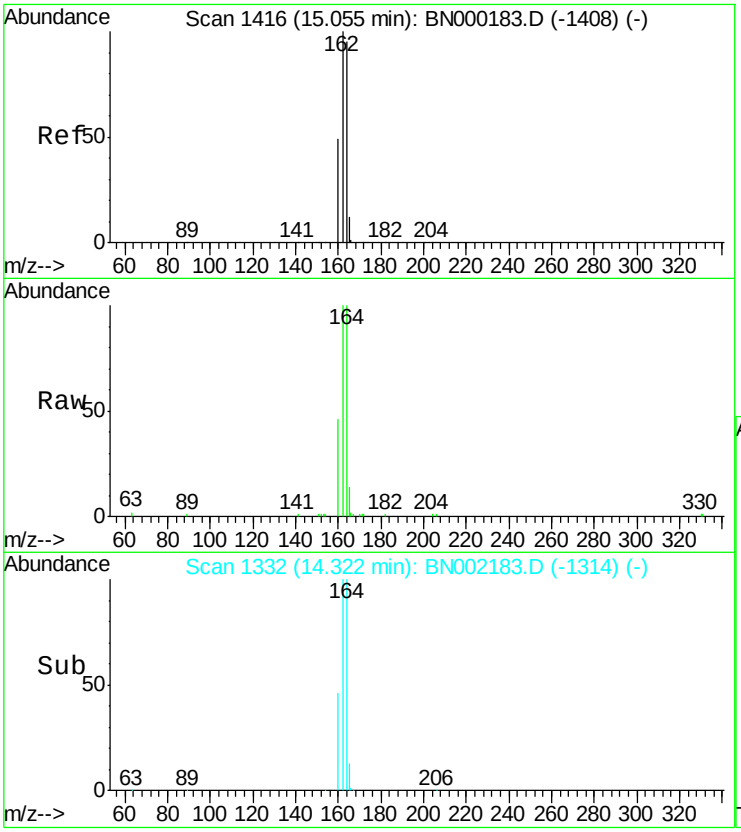


#12
2-Methylnaphthalene
Concen: 0.315 ng
RT: 12.13 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:142 Resp: 8652

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	37.0	31.7	47.5



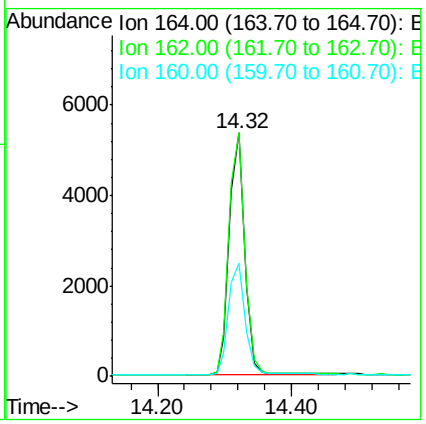


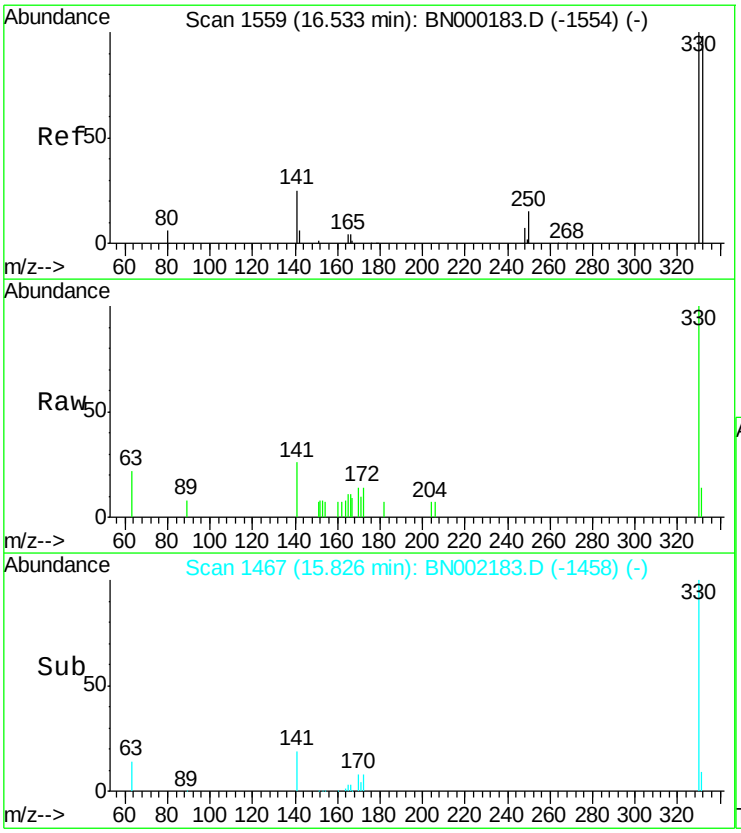
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 8427

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.1	124.7
160	46.6	37.1	55.7

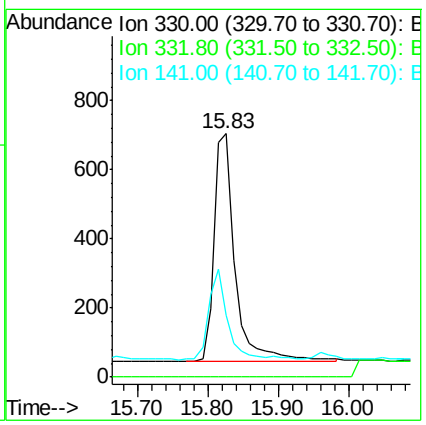


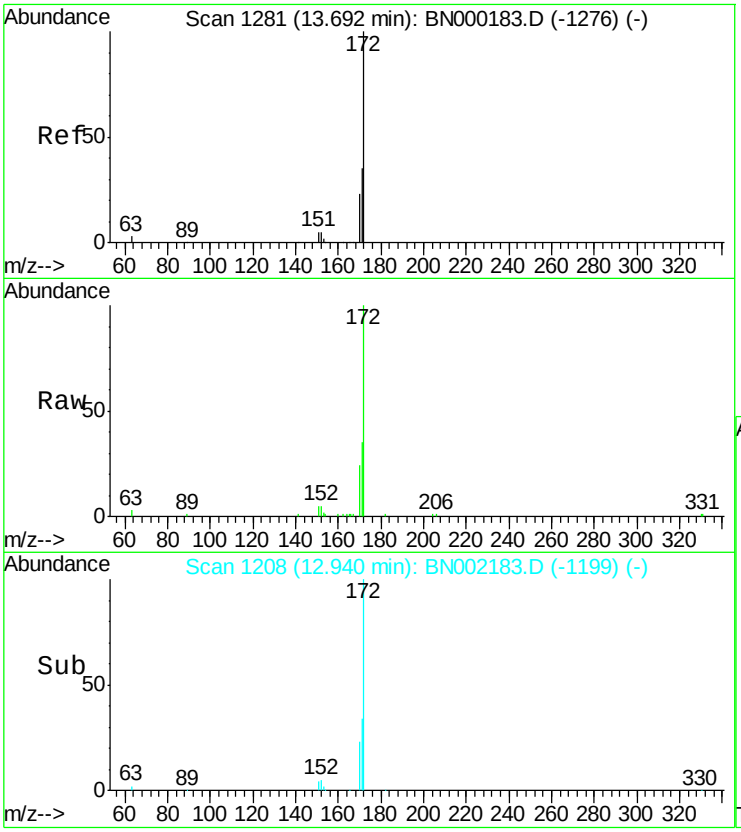


#14
2,4,6-Tribromophenol
Concen: 0.527 ng
RT: 15.83 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:330 Resp: 1409

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	35.8	33.7	50.5



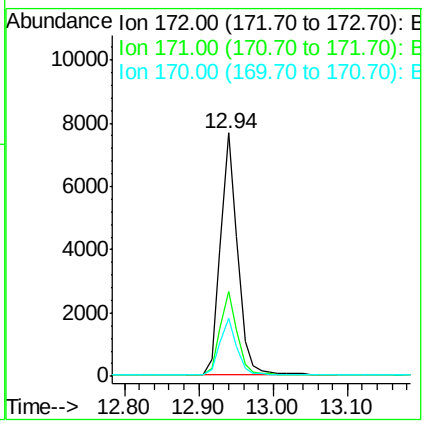


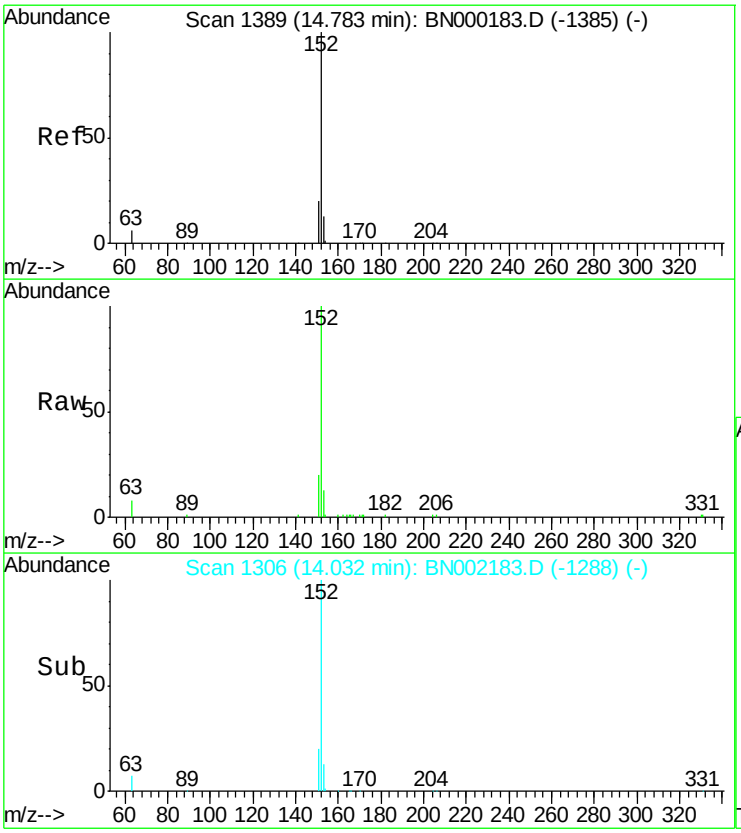
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 12232

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.7	21.8	32.8

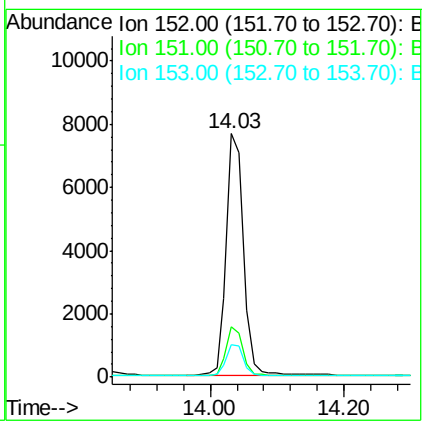


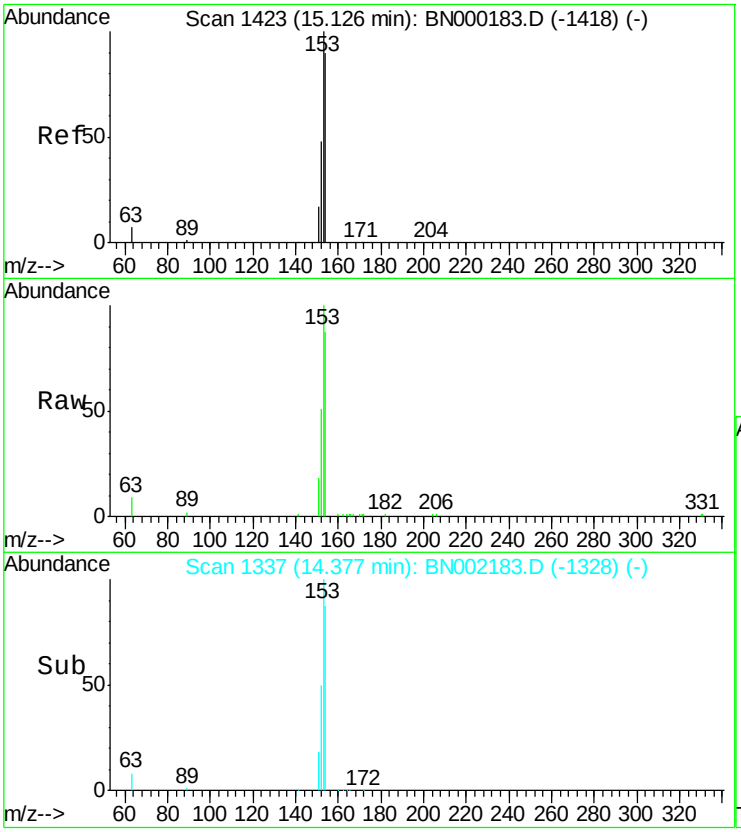


#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:152 Resp: 13695

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7



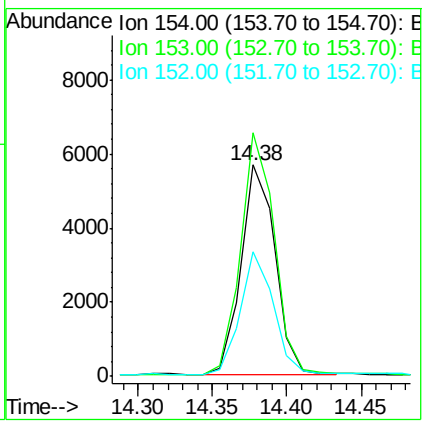


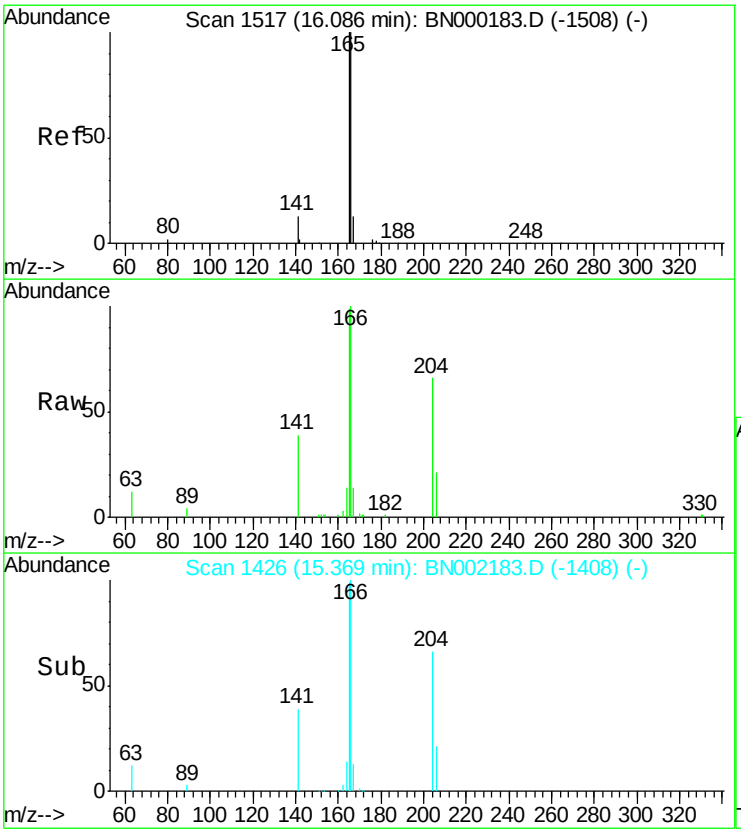
#17
Acenaphthene
Concen: 0.284 ng
RT: 14.38 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 8892

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.2	133.8
152	56.9	42.0	63.0

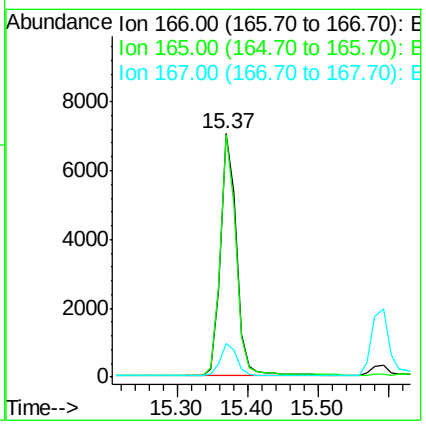


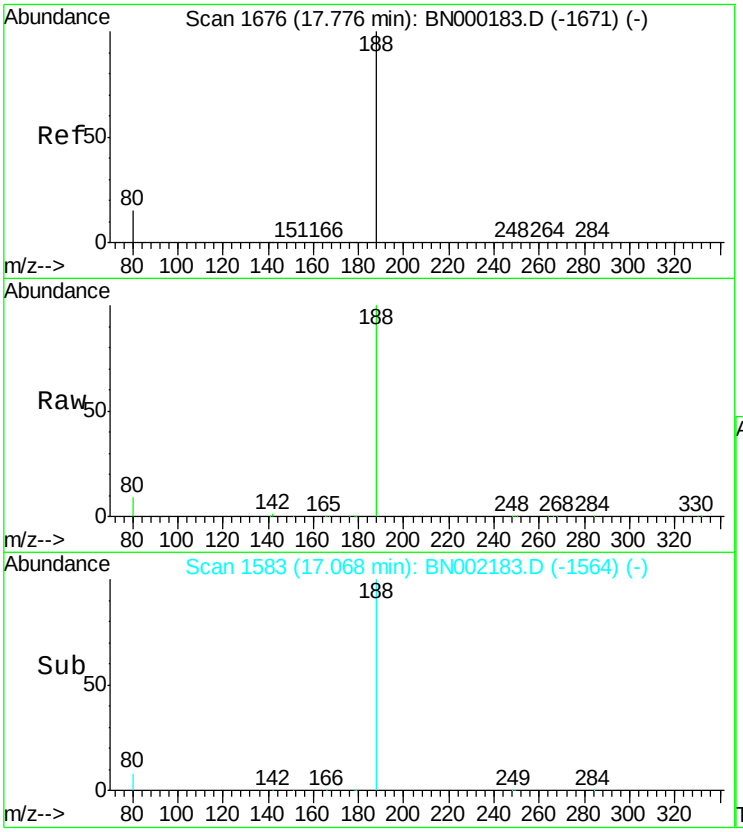


#18
Fluorene
Concen: 0.289 ng
RT: 15.37 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:166 Resp: 11304

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.4	42.4	63.6#



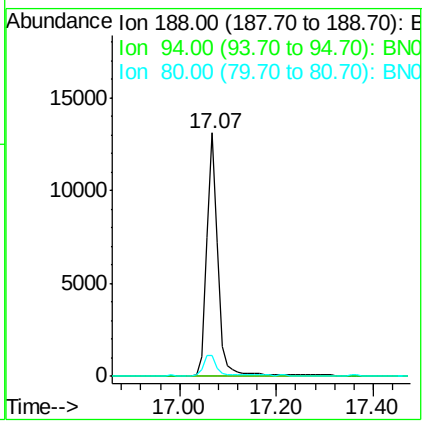


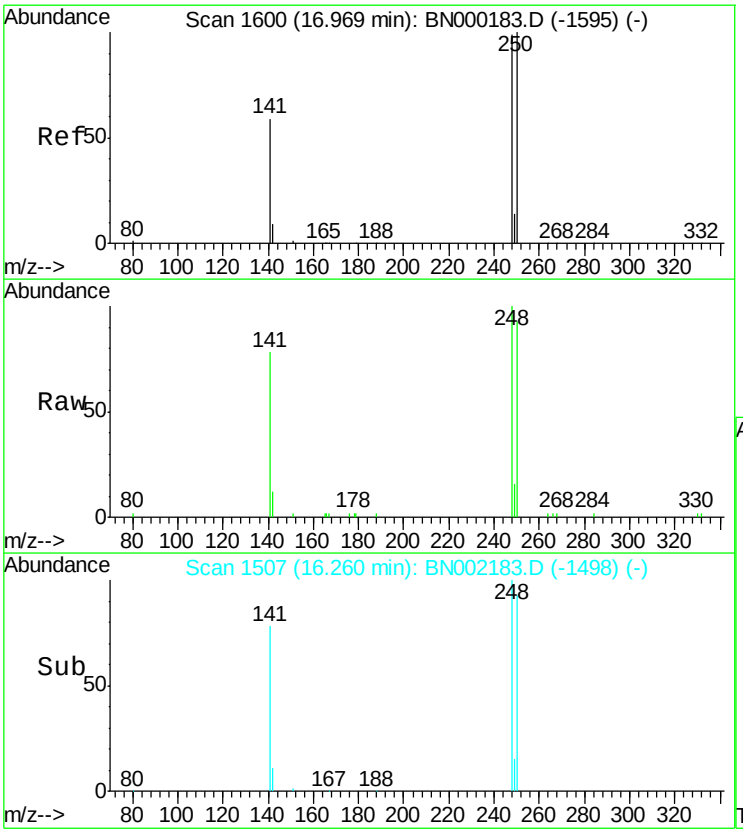
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 20522

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.6	3.6	5.4#

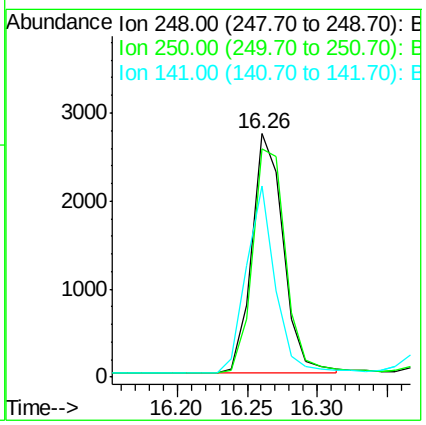


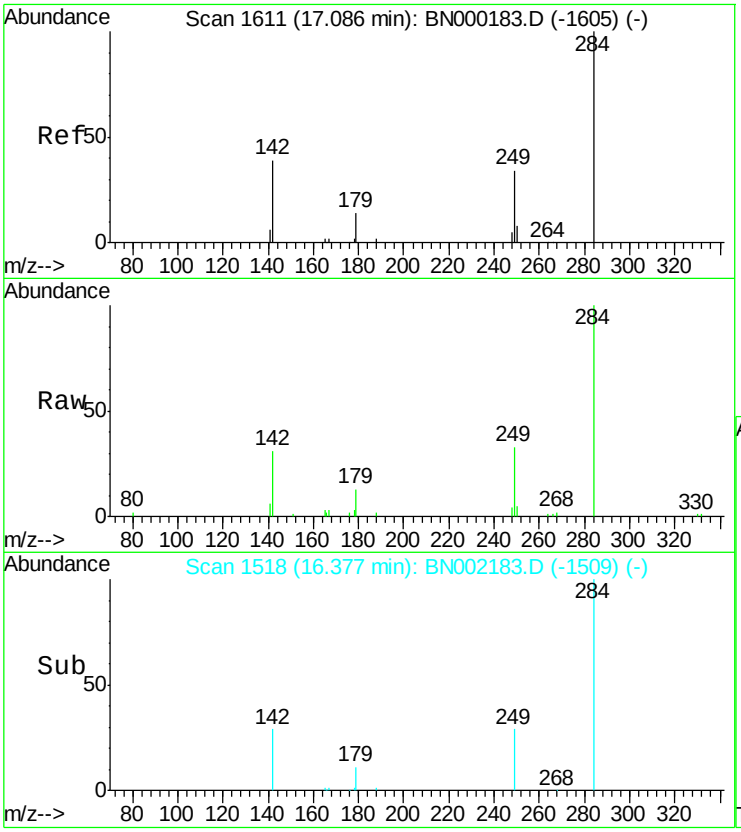


#20
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.26 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:248 Resp: 4276

Ion	Ratio	Lower	Upper
248	100		
250	93.5	62.7	94.1
141	78.5	48.2	72.2#



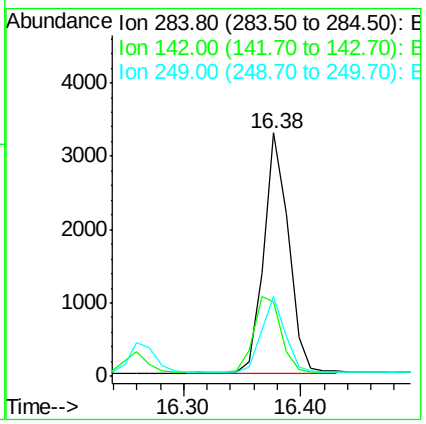


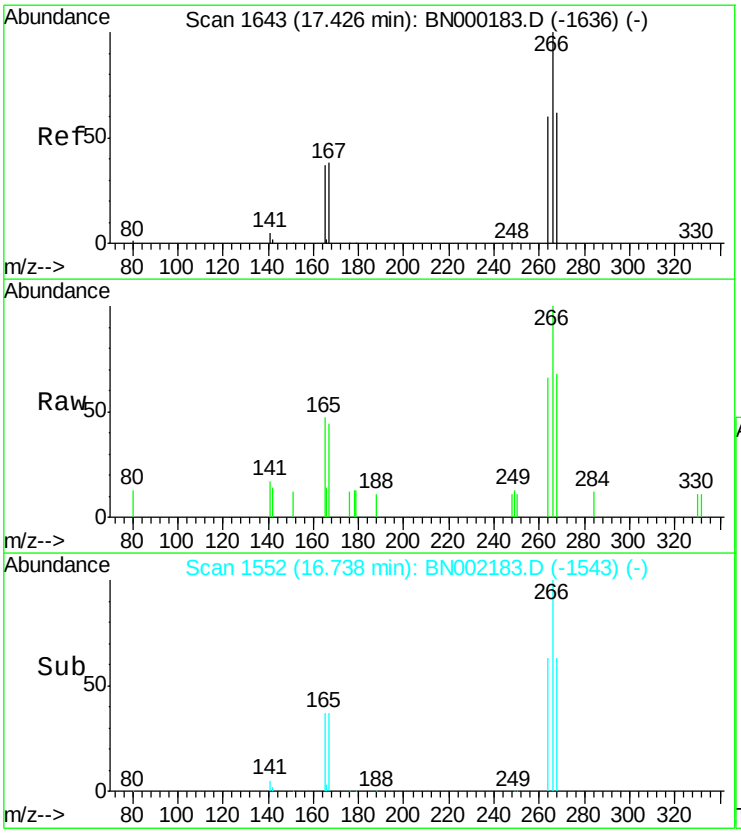
#21
Hexachlorobenzene
Concen: 0.305 ng
RT: 16.38 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 4818

Ion	Ratio	Lower	Upper
284	100		
142	35.2	32.0	48.0
249	30.4	24.0	36.0

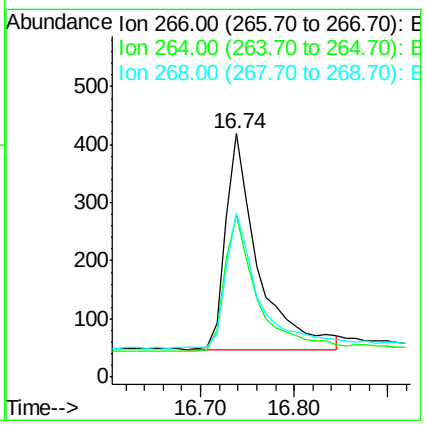


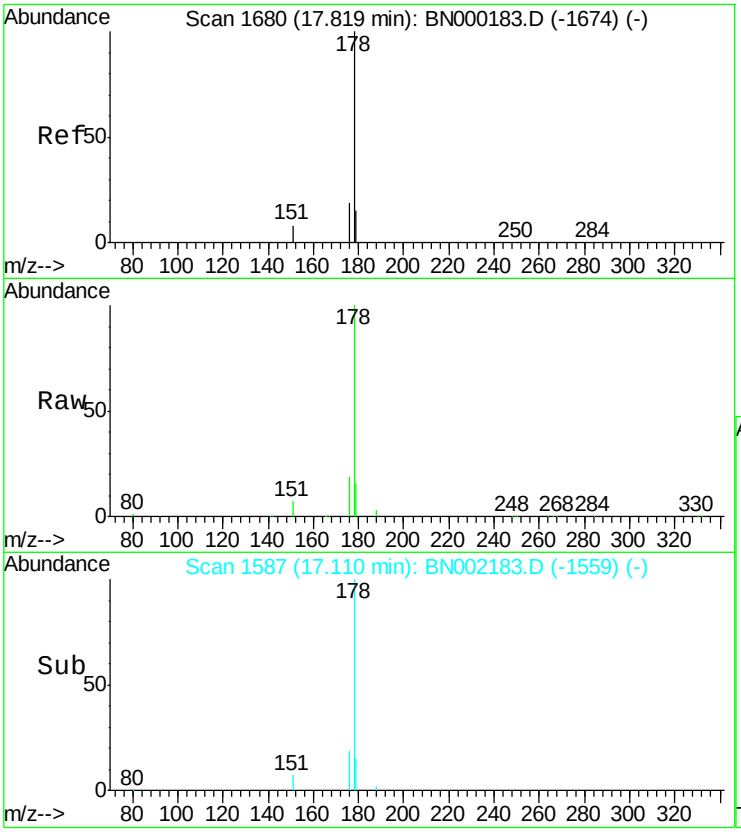


#22
Pentachlorophenol
Concen: 0.212 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:266 Resp: 896

Ion	Ratio	Lower	Upper
266	100		
264	66.3	48.0	72.0
268	67.5	52.0	78.0



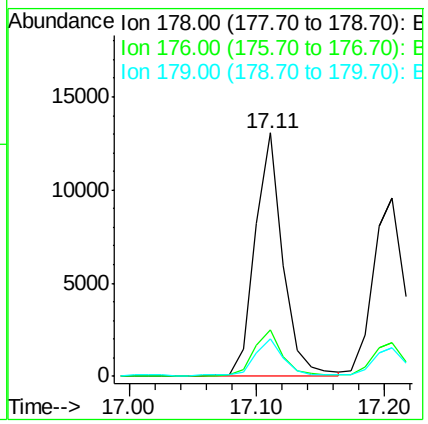


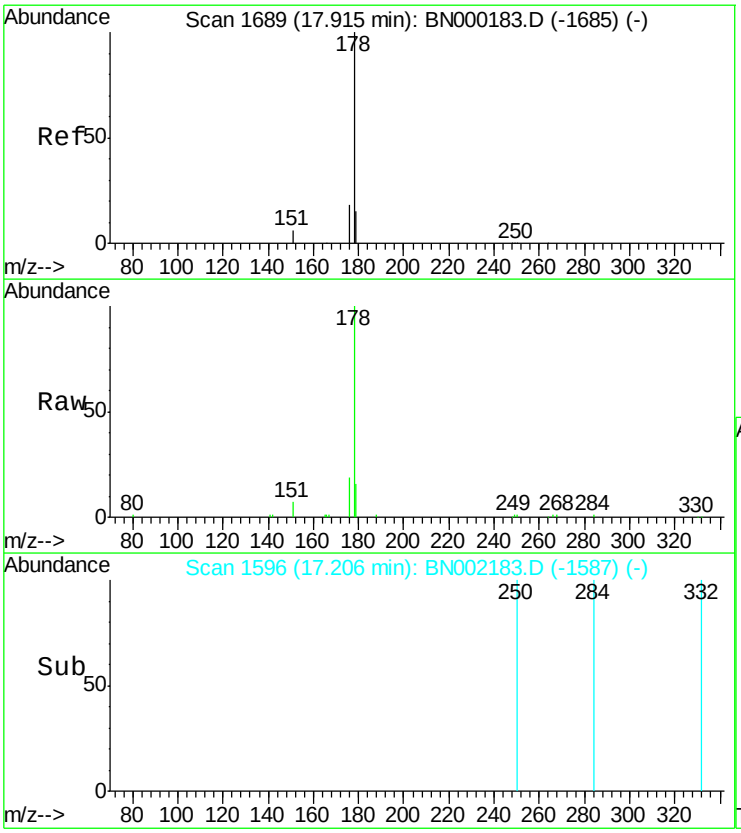
#23
Phenanthrene
Concen: 0.272 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 19634

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.2	11.8	17.6

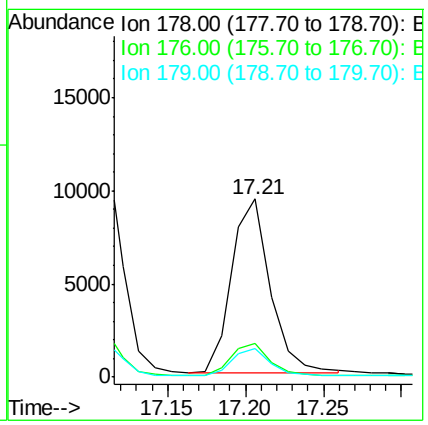


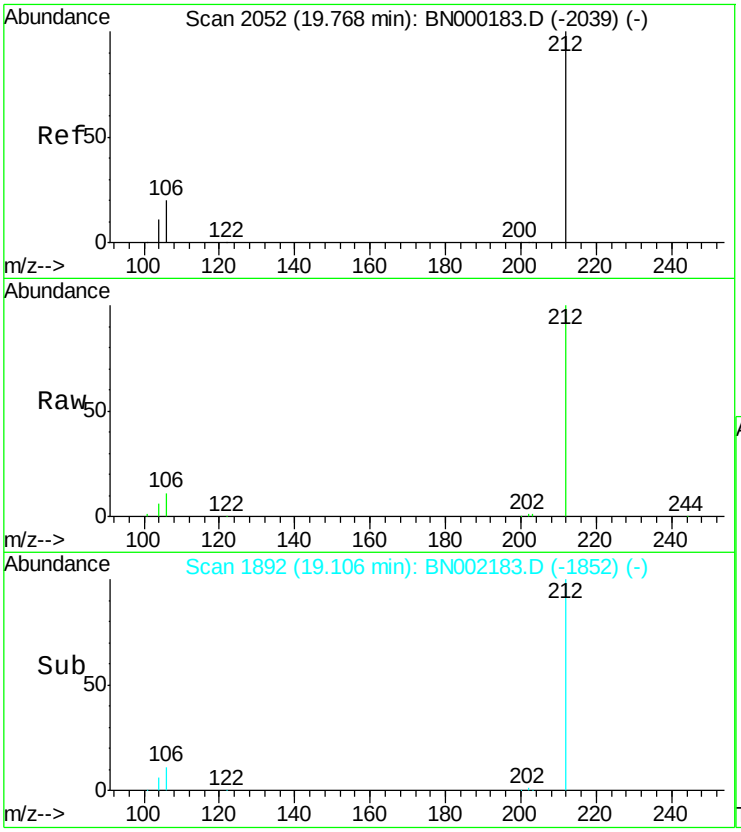


#24
Anthracene
Concen: 0.293 ng
RT: 17.21 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:178 Resp: 16032

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.3	13.0	19.6



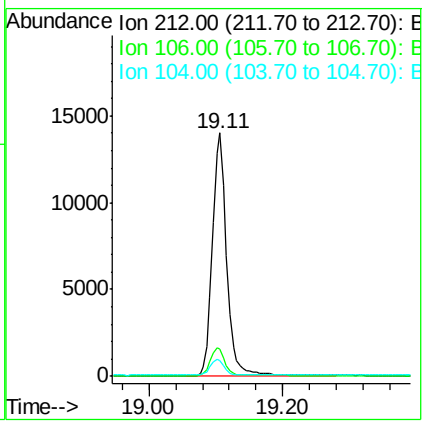


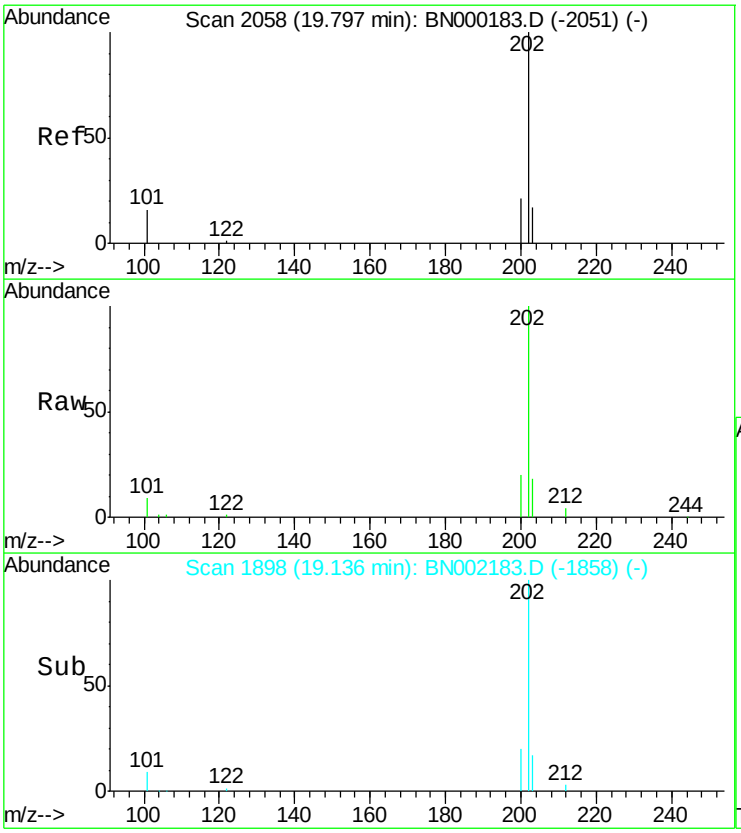
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 20646

Ion	Ratio	Lower	Upper
212	100		
106	11.6	2.8	4.2#
104	6.5	1.6	2.4#

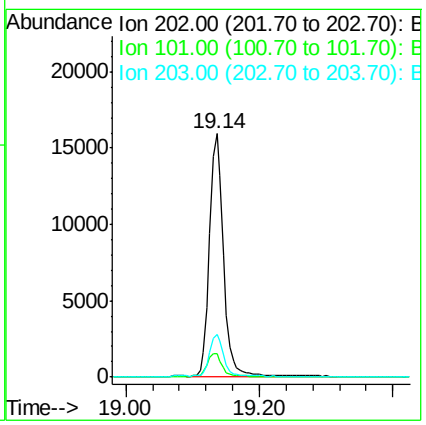


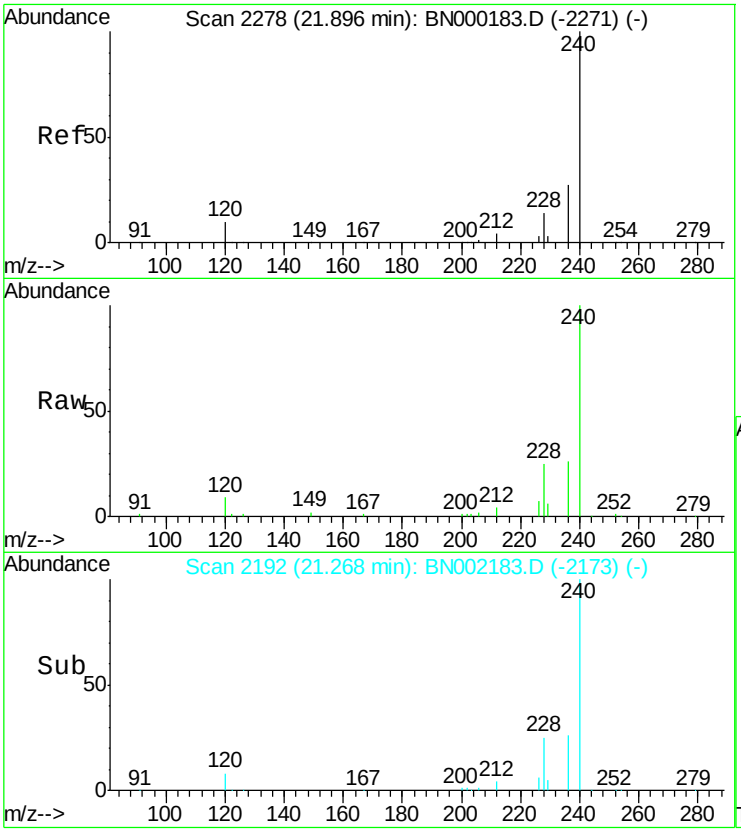


#26
Fluoranthene
Concen: 0.305 ng
RT: 19.14 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:202 Resp: 22842

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	17.0	13.7	20.5



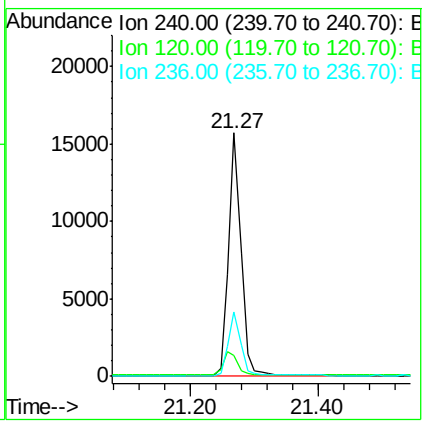


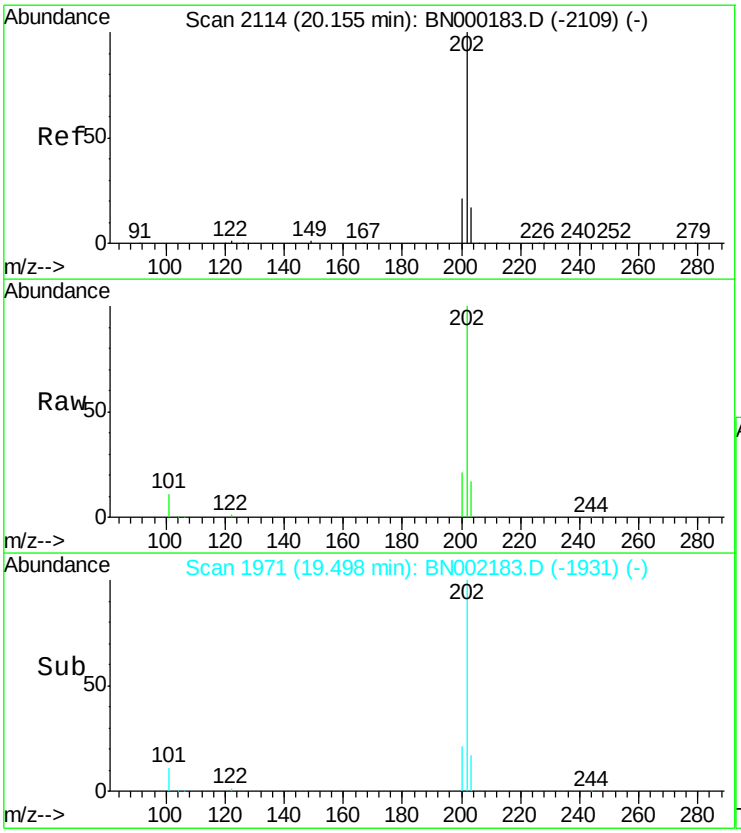
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 20992

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.5	8.3#
236	26.3	20.7	31.1

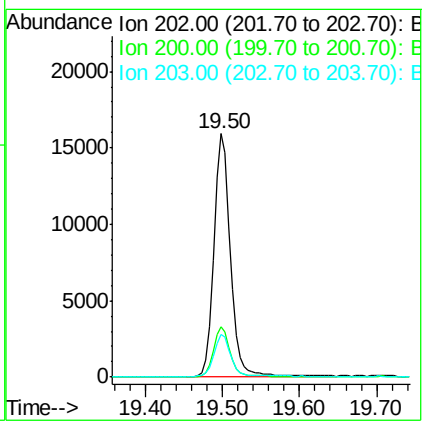


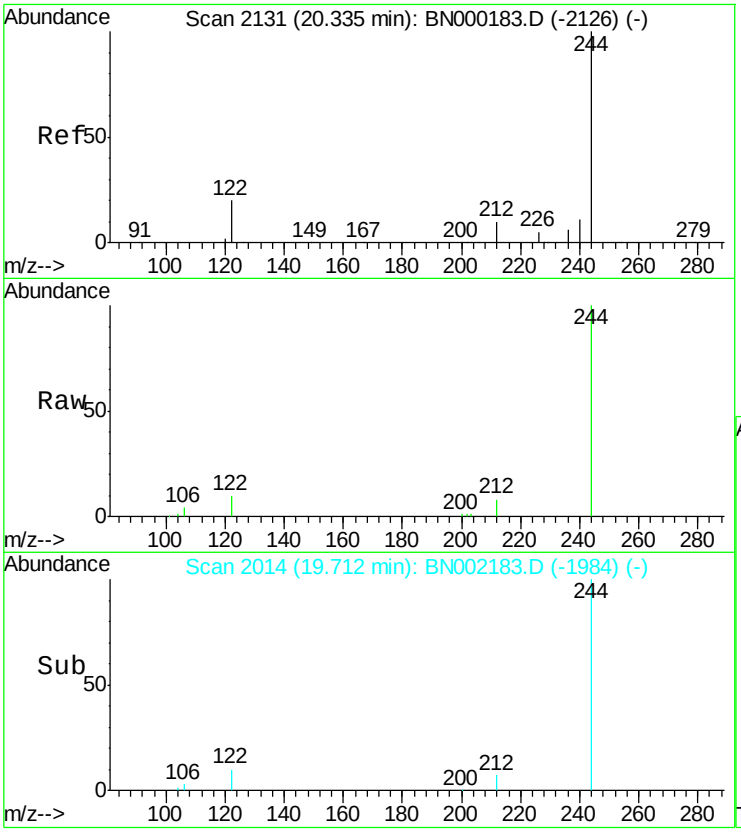


#28
Pyrene
Concen: 0.282 ng
RT: 19.50 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:202 Resp: 23235

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.4	13.8	20.8



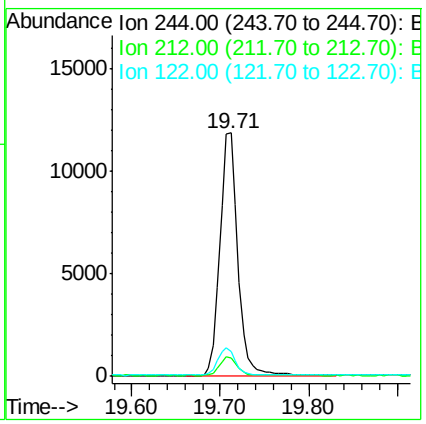


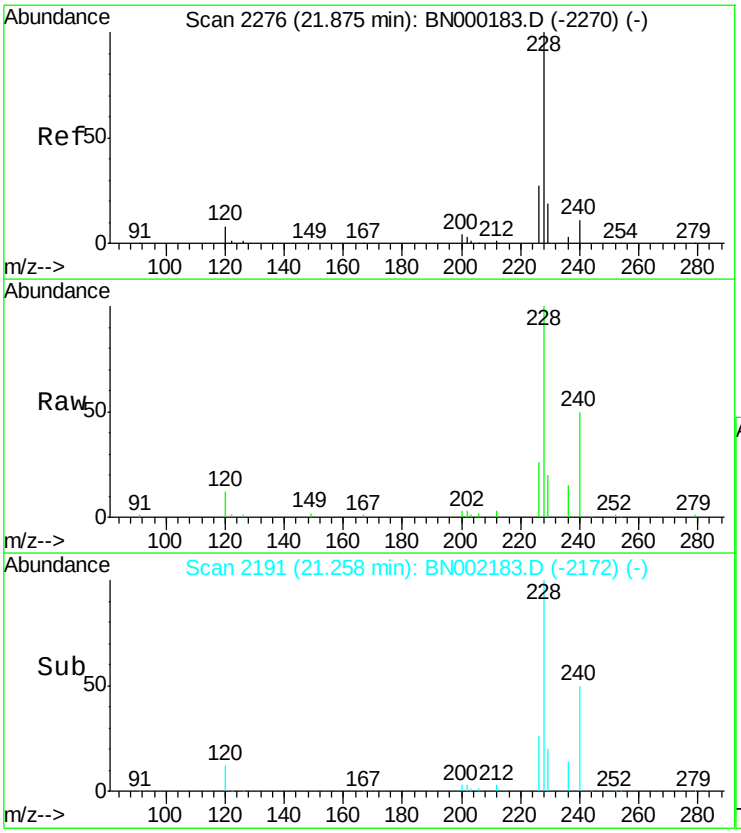
#29
Terphenyl-d14
Concen: 0.451 ng
RT: 19.71 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 16649

Ion	Ratio	Lower	Upper
244	100		
212	7.7	25.4	38.0#
122	10.0	8.1	12.1

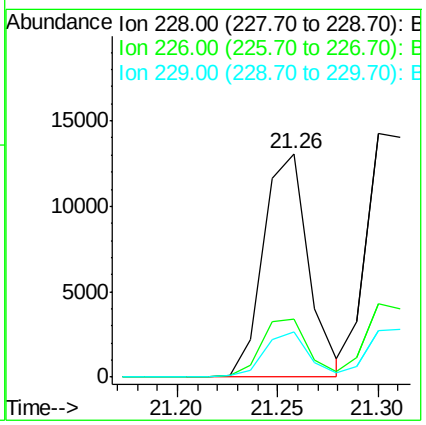


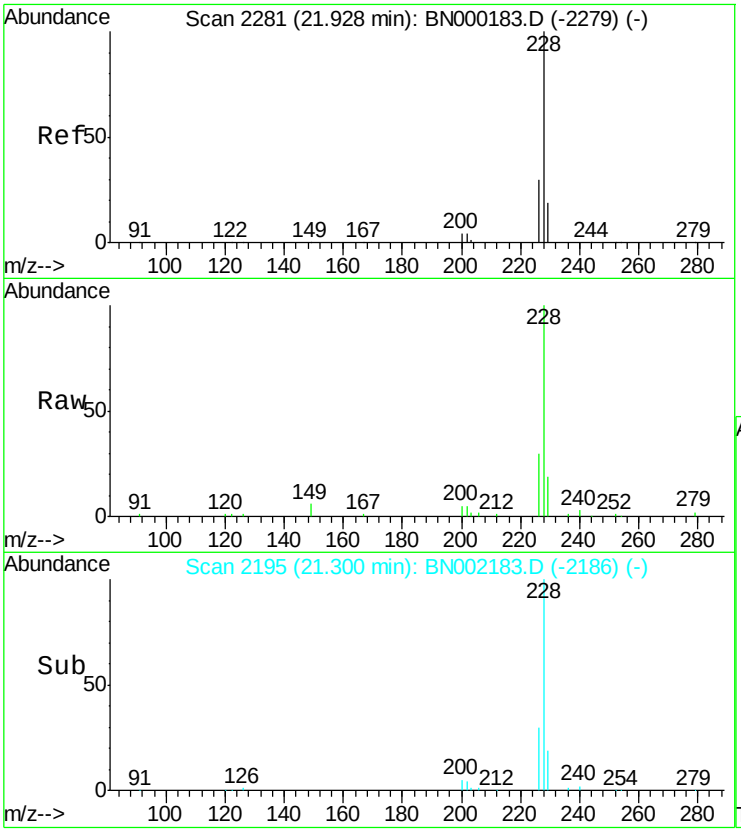


#30
Benzo(a)anthracene
Concen: 0.306 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:228 Resp: 20253

Ion	Ratio	Lower	Upper
228	100		
226	25.9	24.0	36.0
229	20.2	16.0	24.0



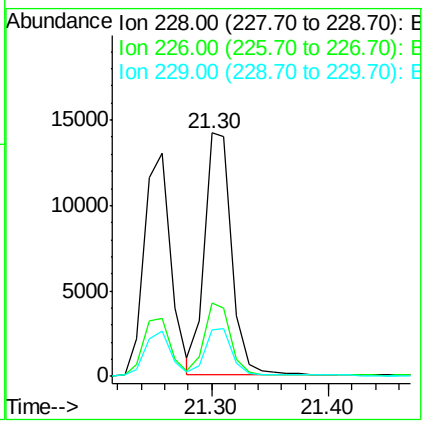


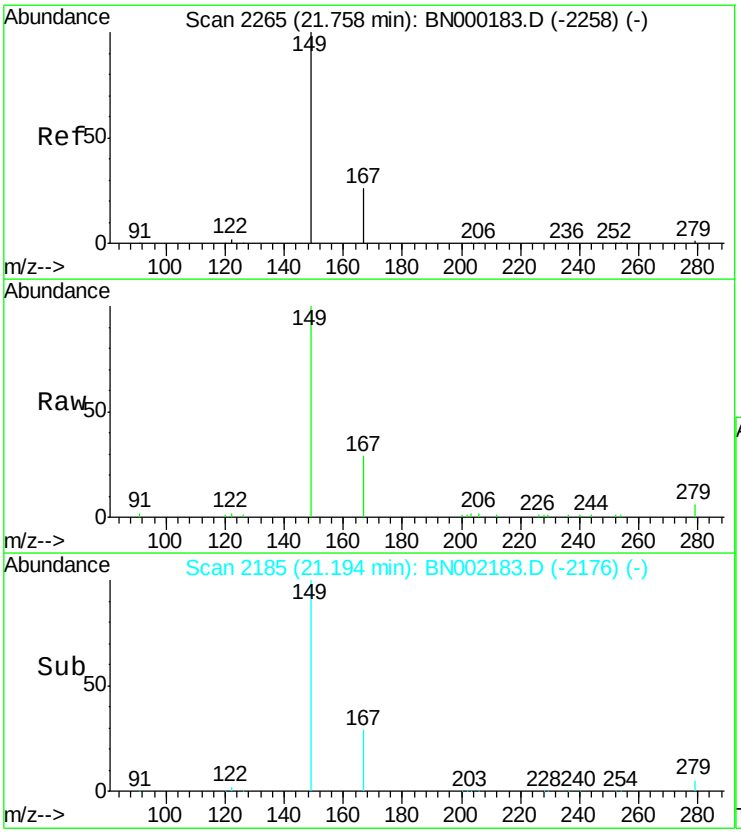
#31
Chrysene
Concen: 0.295 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 22800

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.2	16.0	24.0

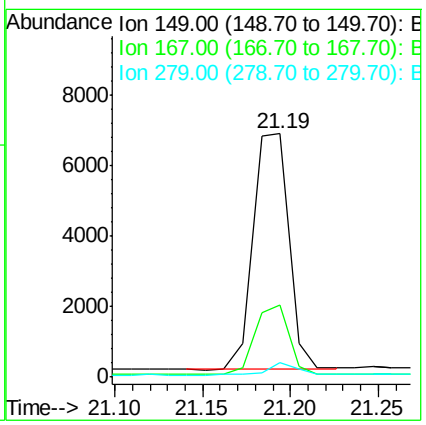


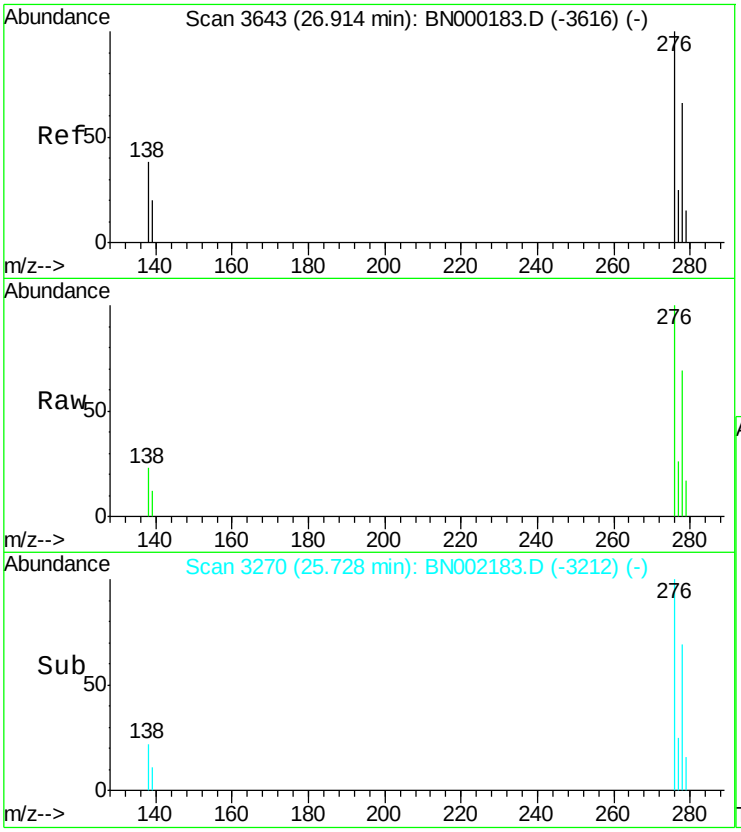


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 21.19 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:149 Resp: 9498

Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.0	30.0
279	4.4	1.6	2.4#



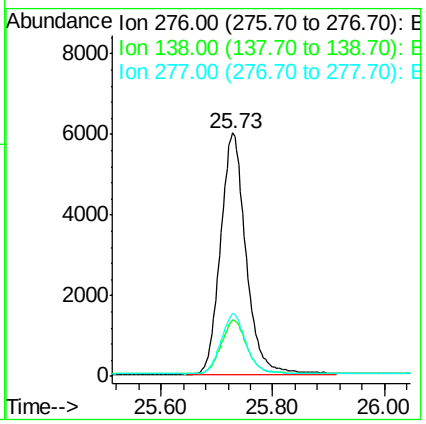


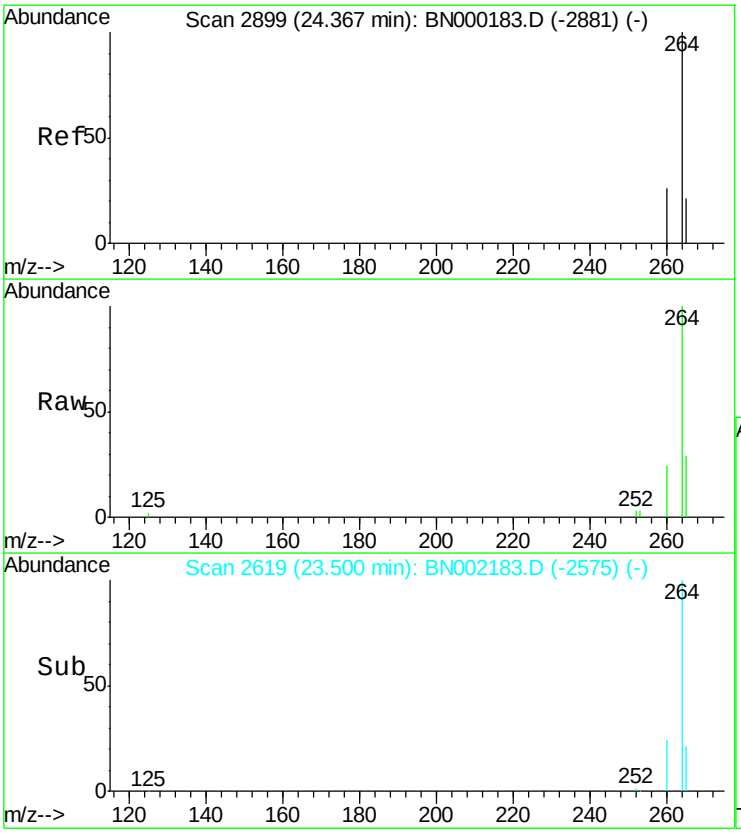
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng
RT: 25.73 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 18861

Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.5	33.7
277	24.7	19.9	29.9

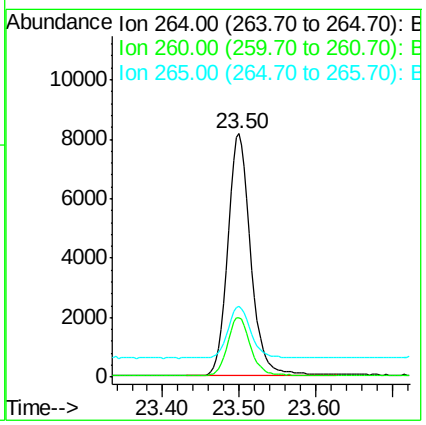


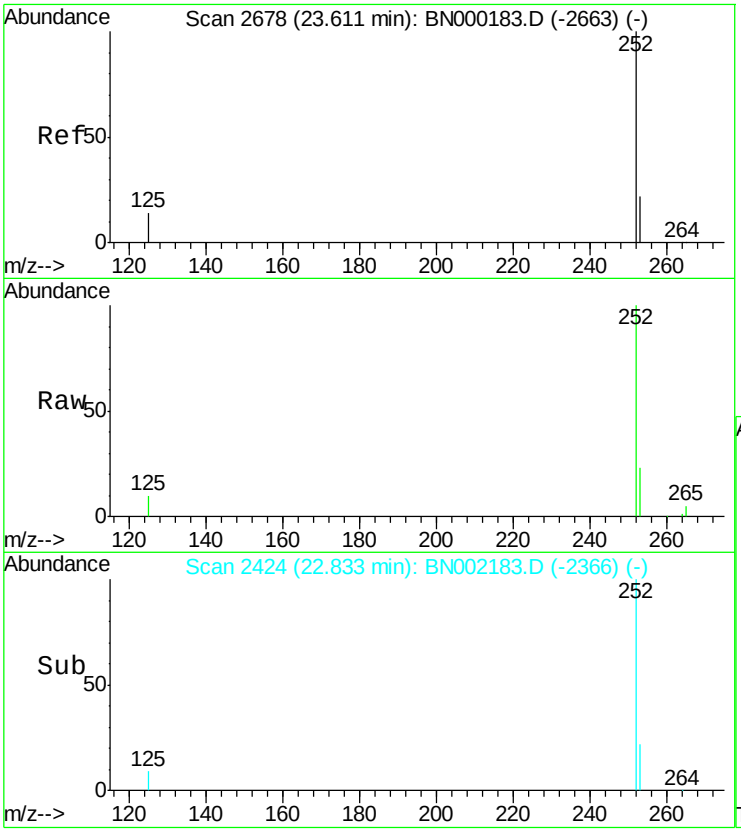


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:264 Resp: 17034

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.5	30.7
265	28.9	22.8	34.2



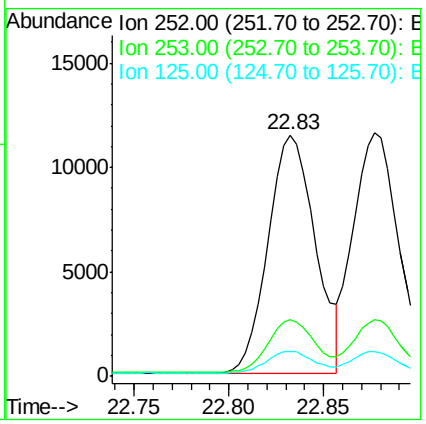


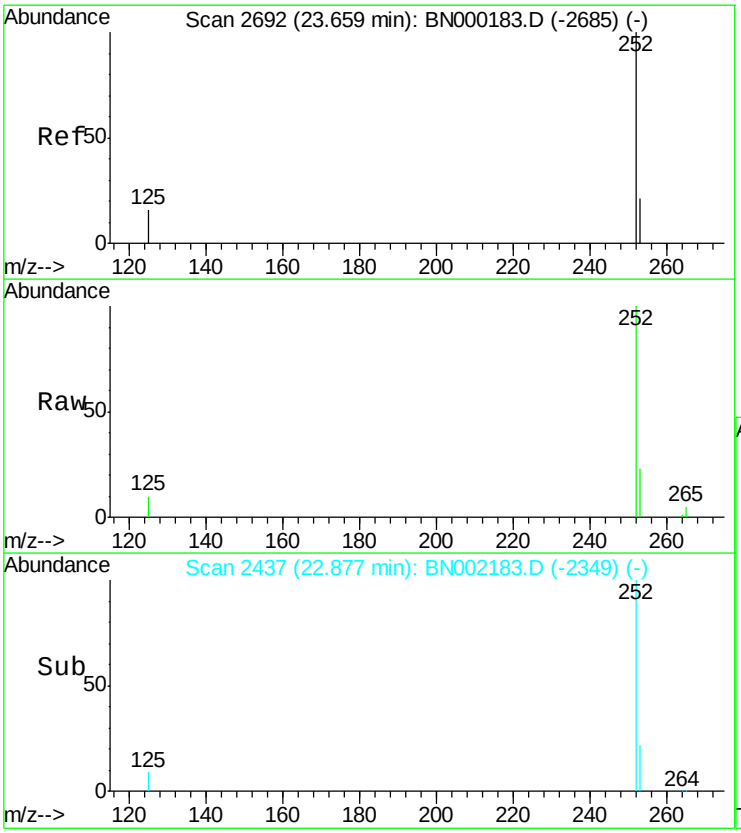
#35
Benzo(b)fluoranthene
Concen: 0.255 ng
RT: 22.83 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 19815

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.0	30.0
125	10.3	16.0	24.0#

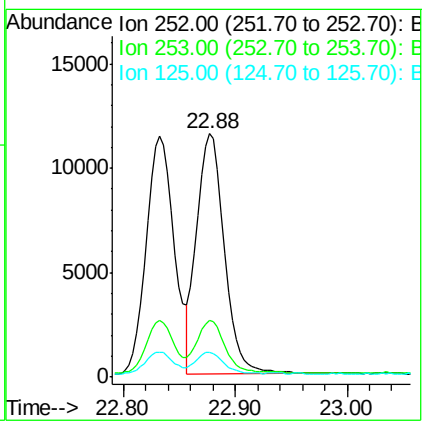


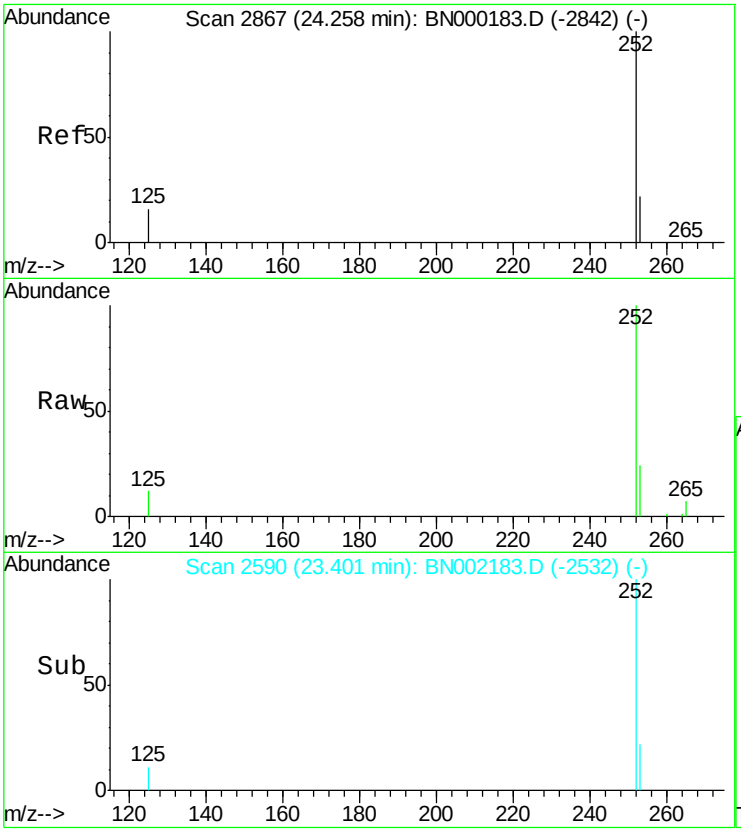


#36
Benzo(k)fluoranthene
Concen: 0.260 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:252 Resp: 19784

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.0	24.0
125	10.1	8.0	12.0



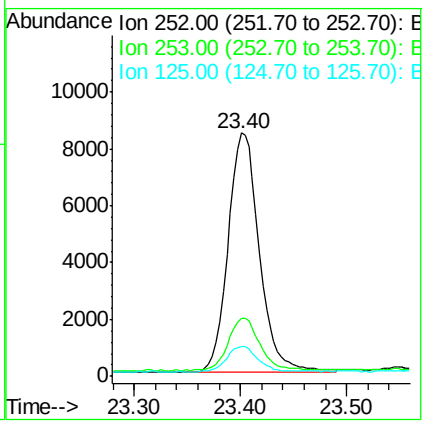


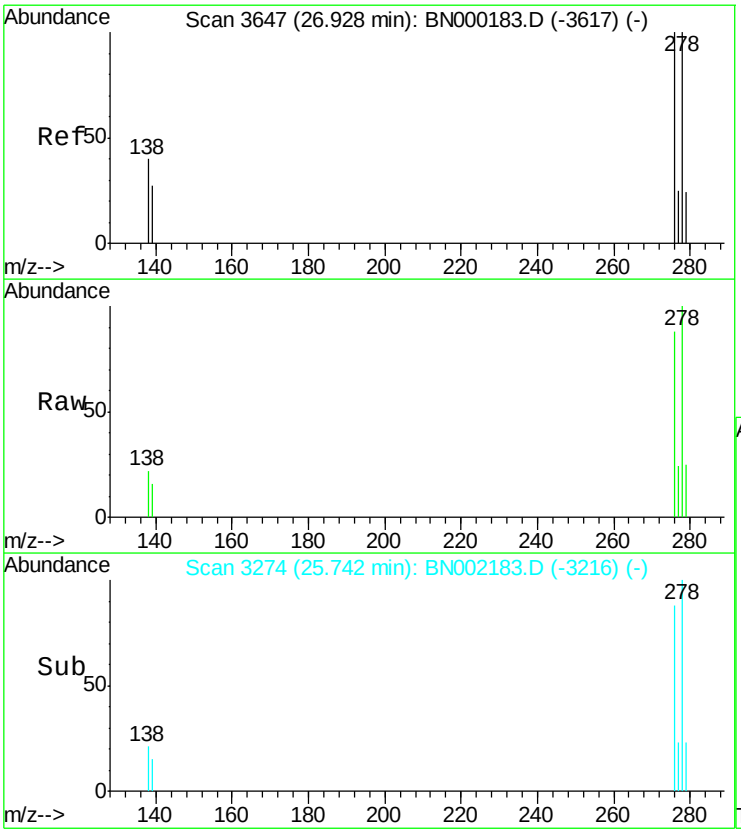
#37
Benzo(a)pyrene
Concen: 0.274 ng
RT: 23.40 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 17341

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	12.4	12.0	18.0

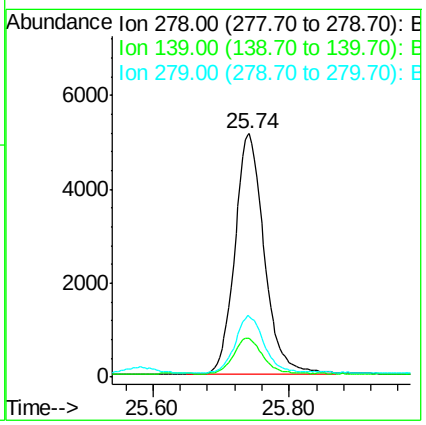


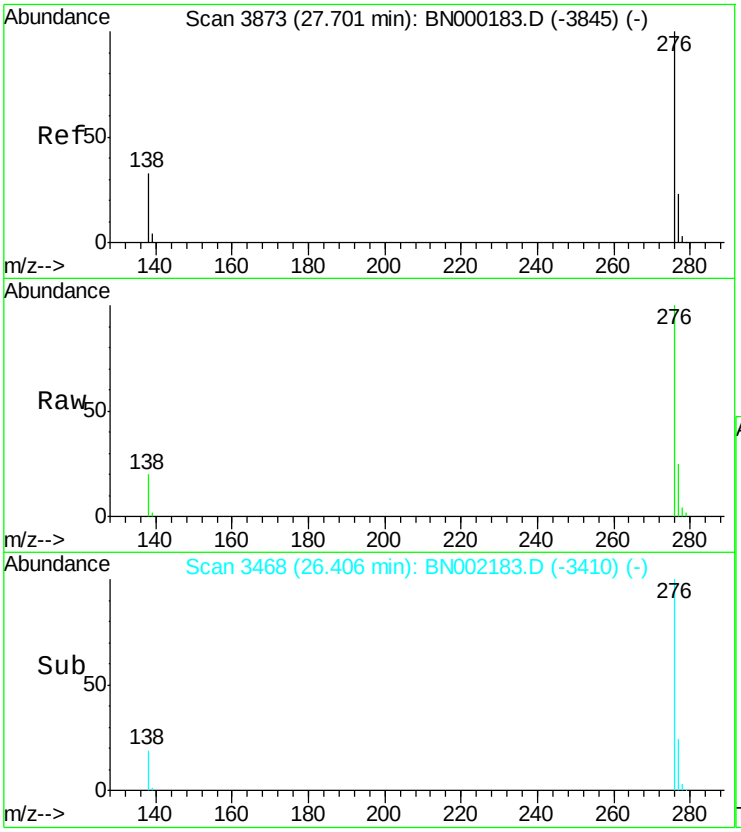


#38
Dibenzo(a,h)anthracene
Concen: 0.275 ng
RT: 25.74 min Scan# 3274
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:278 Resp: 15497

Ion	Ratio	Lower	Upper
278	100		
139	15.7	16.0	24.0#
279	25.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.240 ng
RT: 26.41 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 15978

Ion	Ratio	Lower	Upper
276	100		
277	24.6	16.0	24.0#
138	19.9	20.0	30.0#