Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002201.D
Acq On : 31 Jul 2018 08:32
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 31 16:01:47 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 16:17:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3475	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	14172	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	8040	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	17348	0.40	ng		0.00
27) Chrysene-d12	21.27	240	13193	0.40	ng		0.00
34) Perylene-d12	23.50	264	11618	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2944	0.36	ng		0.00
5) Phenol-d6	6.88	99	3559	0.36	ng		0.00
8) Nitrobenzene-d5	8.84	82	4038	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	8099	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1151	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	11869	0.38	ng		0.00
25) Fluoranthene-d10	19.11	212	15311	0.36	ng		0.00
29) Terphenyl-d14	19.71	244	11716	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1422	0.363	ng		98
3) n-Nitrosodimethylamine	3.62	42	757	0.327	ng	#	92
6) bis(2-Chloroethyl)ether	7.13	93	3386	0.357	ng	#	86
9) Naphthalene	10.52	128	12654	0.396	ng		95
10) Hexachlorobutadiene	10.80	225	2697	0.390	ng	#	54
12) 2-Methylnaphthalene	12.13	142	8484	0.393	ng		98
16) Acenaphthylene	14.03	152	12850	0.374	ng		100
17) Acenaphthene	14.38	154	8613	0.390	ng		97
18) Fluorene	15.37	166	10370	0.382	ng	#	80
20) 4-Bromophenyl-phenylether	16.26	248	3753	0.382	ng	#	80
21) Hexachlorobenzene	16.38	284	4337	0.399	ng		95
22) Pentachlorophenol	16.74	266	659	0.336	ng		90
23) Phenanthrene	17.11	178	16512	0.383	ng		99
24) Anthracene	17.21	178	12996	0.364	ng		96
26) Fluoranthene	19.14	202	16715	0.356	ng		97
28) Pyrene	19.50	202	16683	0.428	ng		100
30) Benzo(a)anthracene	21.26	228	12339	0.372	ng		96
31) Chrysene	21.30	228	14508	0.391	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	5198	0.343	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.72	276	14354	0.410	ng	#	94
35) Benzo(b)fluoranthene	22.83	252	13040	0.382	ng	#	92
36) Benzo(k)fluoranthene	22.87	252	13544	0.382	ng		94
37) Benzo(a)pyrene	23.40	252	12155	0.393	ng	#	93
38) Dibenzo(a,h)anthracene	25.74	278	11871	0.394	ng		96
39) Benzo(g,h,i)perylene	26.40	276	12181	0.396	ng	#	90

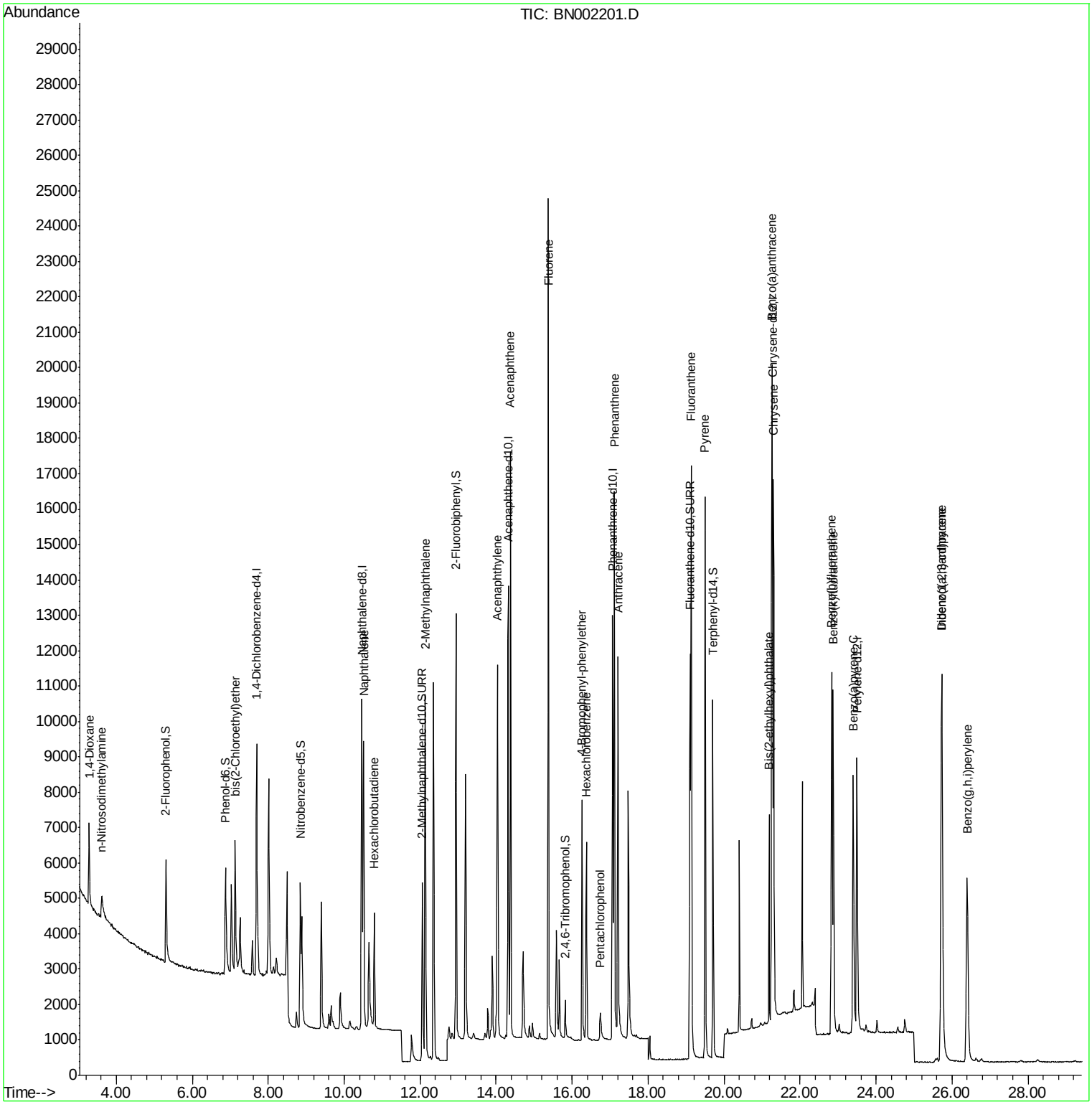
(#) = qualifier out of range (m) = manual integration (+) = signals summed

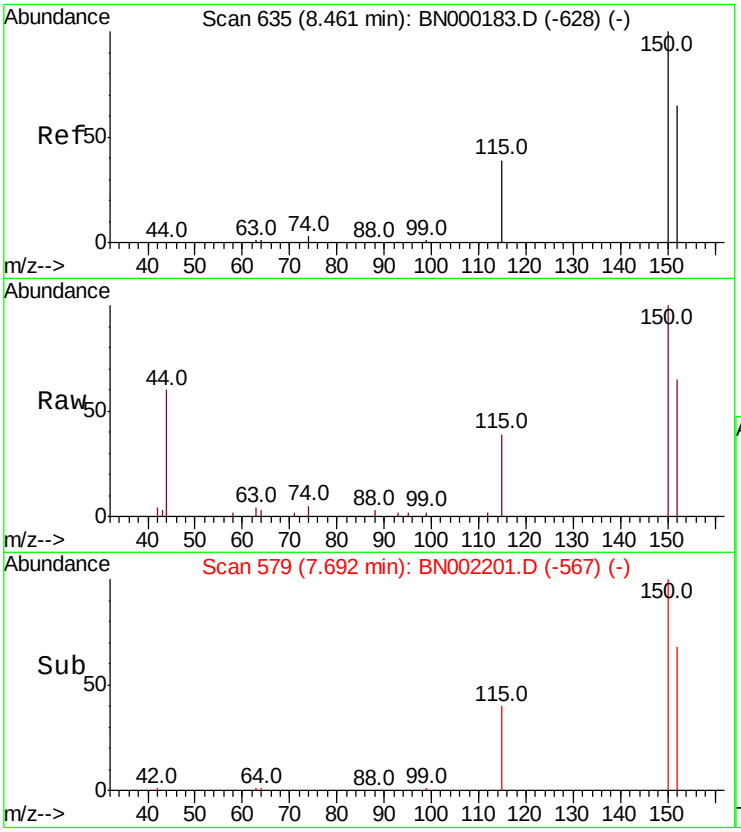
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002201.D
Acq On : 31 Jul 2018 08:32
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 31 16:01:47 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 16:17:29 2018
Response via : Initial Calibration



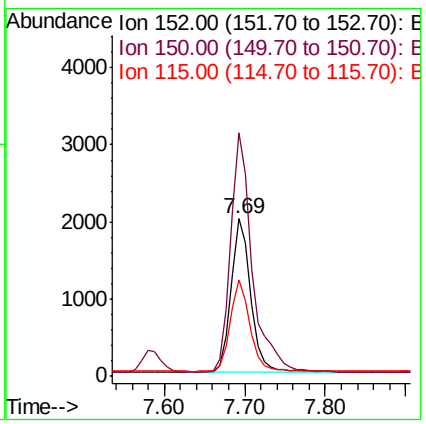


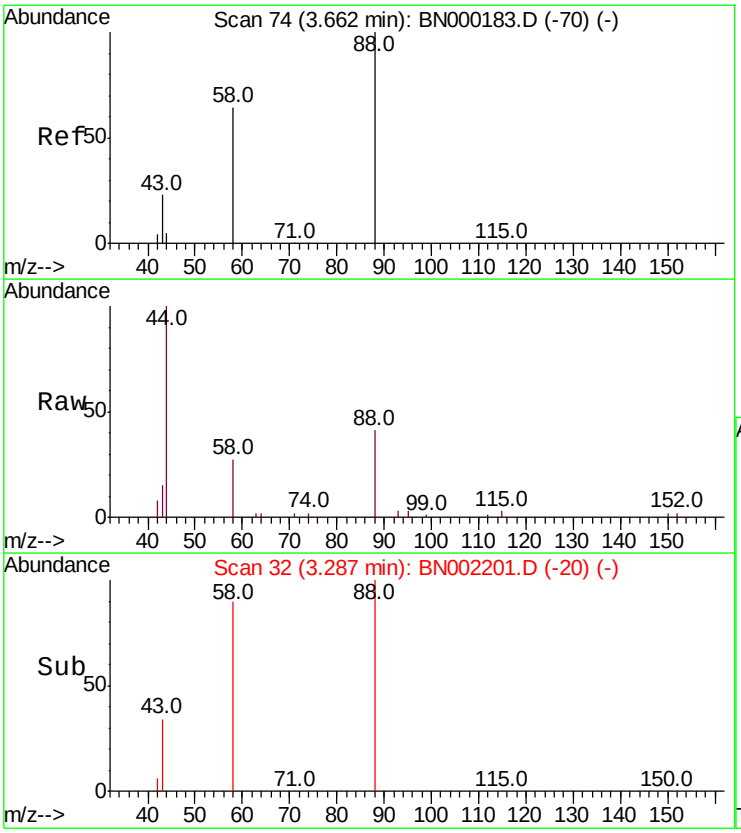
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3475

Ion	Ratio	Lower	Upper
152	100		
150	154.5	117.2	175.8
115	60.9	57.0	85.6

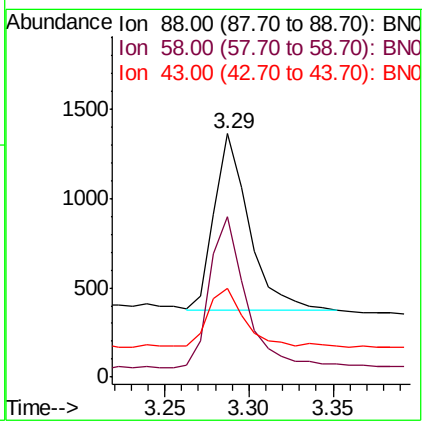


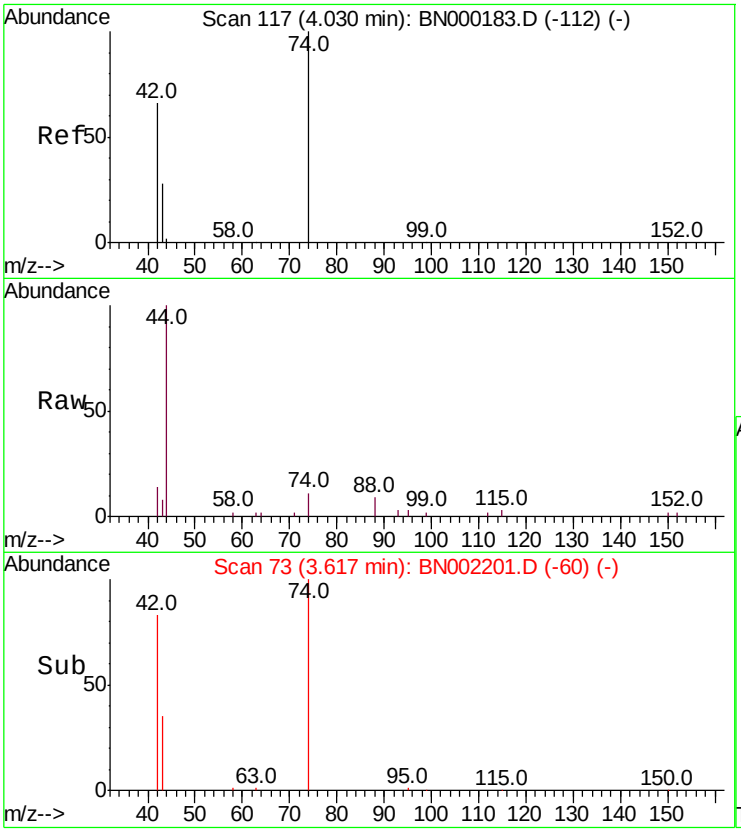


#2
1,4-Dioxane
Concen: 0.363 ng
RT: 3.29 min Scan# 32
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion: 88 Resp: 1422

Ion	Ratio	Lower	Upper
88	100		
58	88.0	72.0	108.0
43	34.2	28.0	42.0



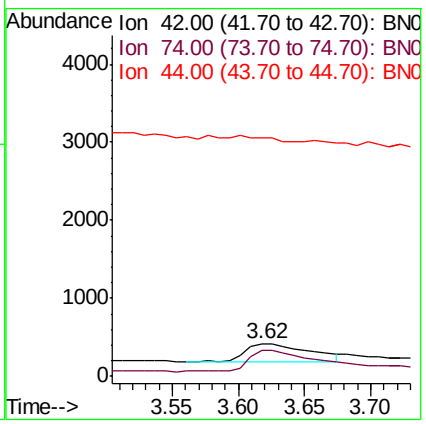


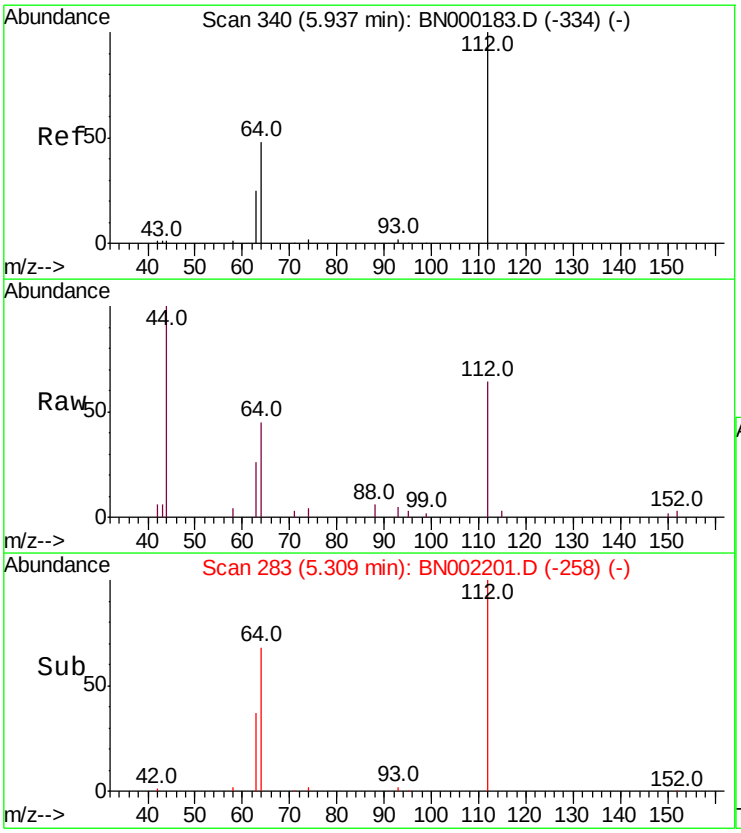
#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.62 min Scan# 73
Delta R.T. 0.01 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 757

Ion	Ratio	Lower	Upper
42	100		
74	112.0	88.0	132.0
44	0.0	16.0	24.0#

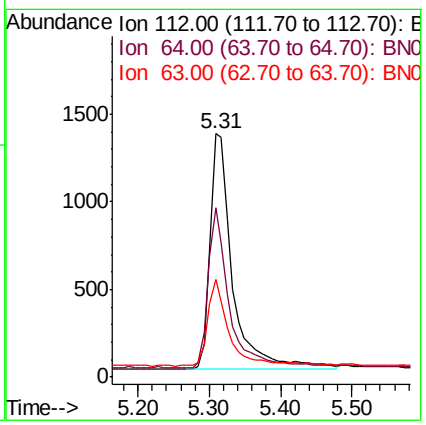


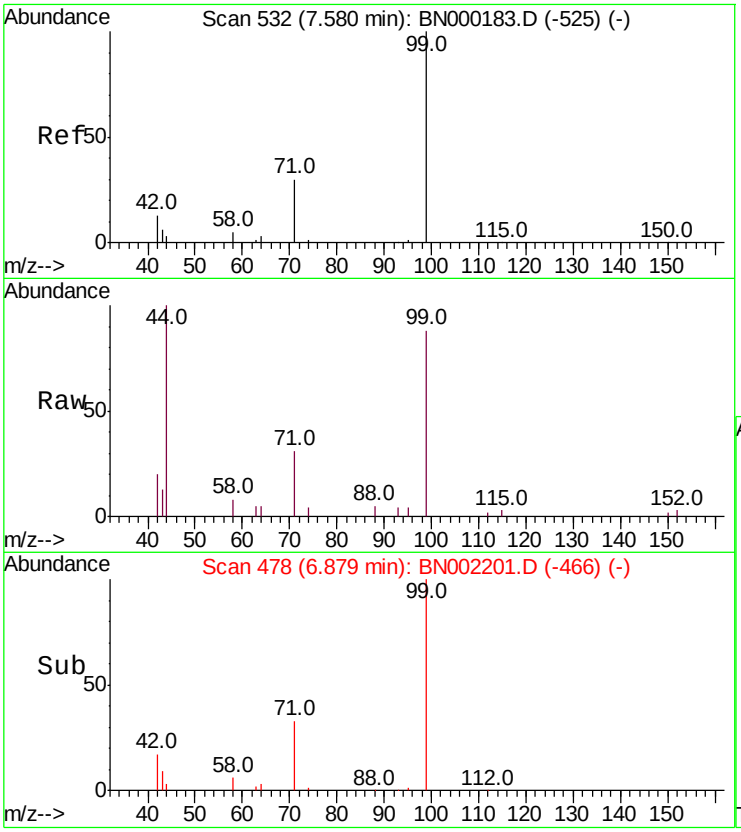


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.31 min Scan# 283
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:112 Resp: 2944

Ion	Ratio	Lower	Upper
112	100		
64	63.9	60.1	90.1
63	35.0	116.8	175.2#



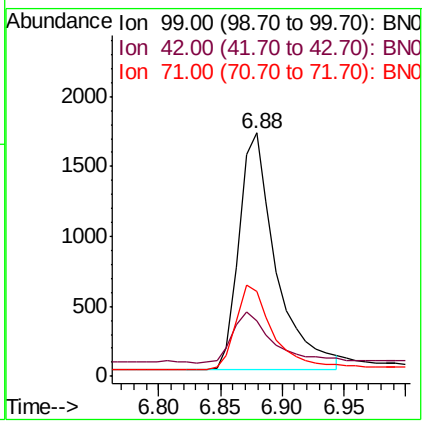


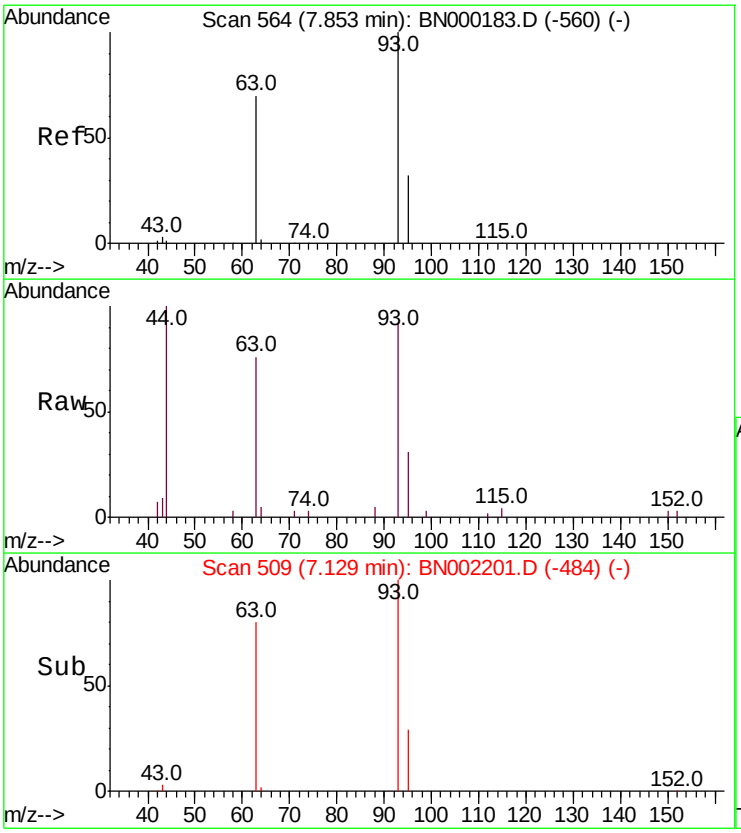
#5
Phenol-d6
Concen: 0.361 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Tgt Ion: 99 Resp: 3559

Ion	Ratio	Lower	Upper
99	100		
42	22.6	20.2	30.2
71	35.5	28.4	42.6

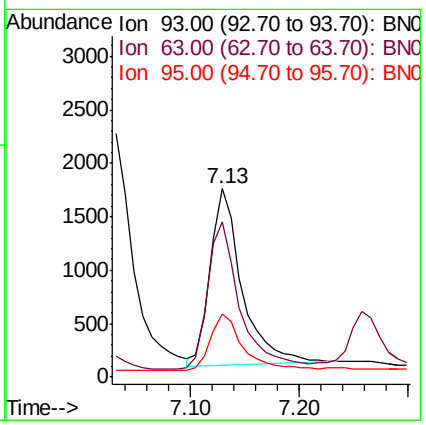


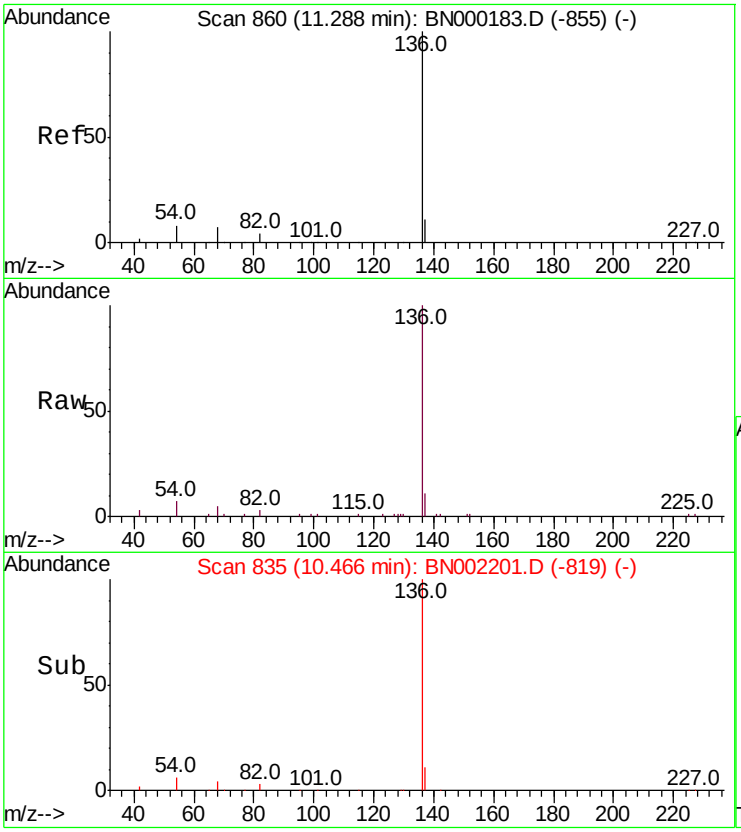


#6
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 7.13 min Scan# 509
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion: 93 Resp: 3386

Ion	Ratio	Lower	Upper
93	100		
63	85.0	56.0	84.0#
95	33.4	25.2	37.8



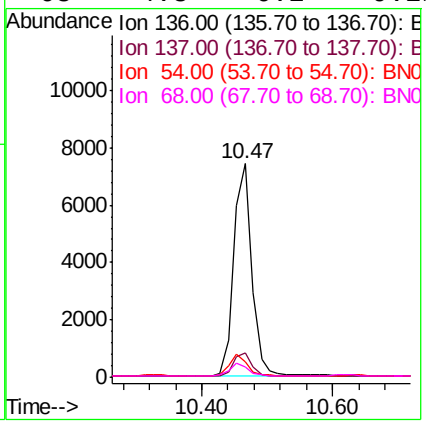


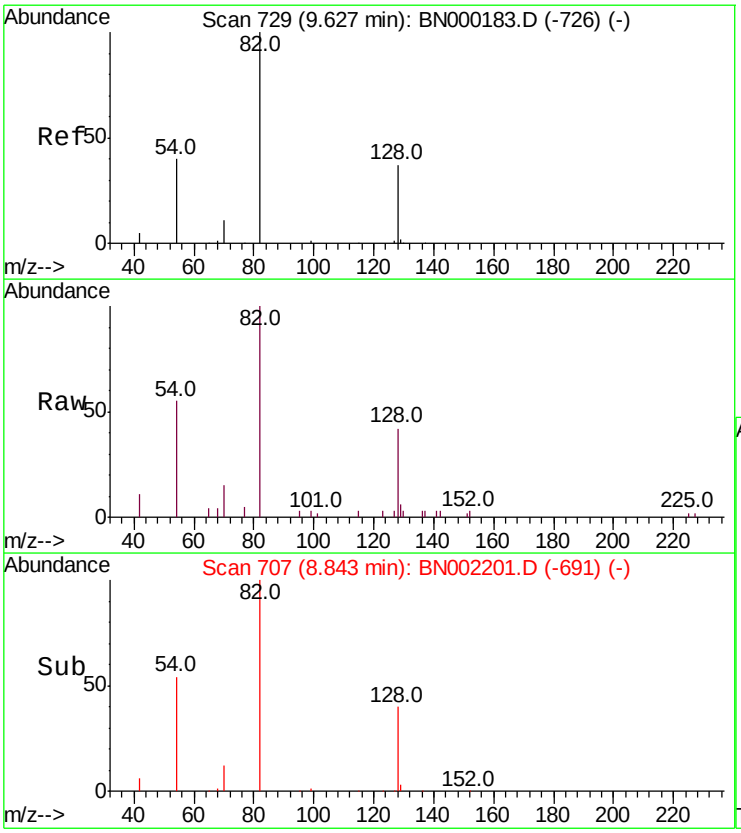
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14172

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	7.0	29.1	43.7#
68	4.8	6.2	9.2#

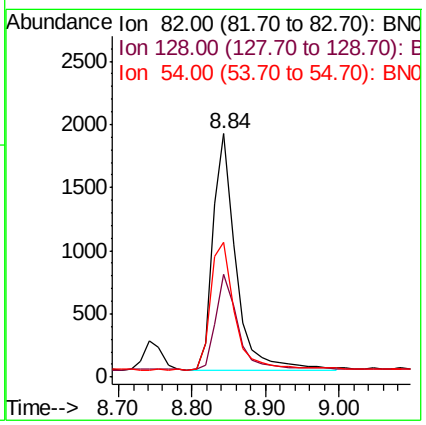


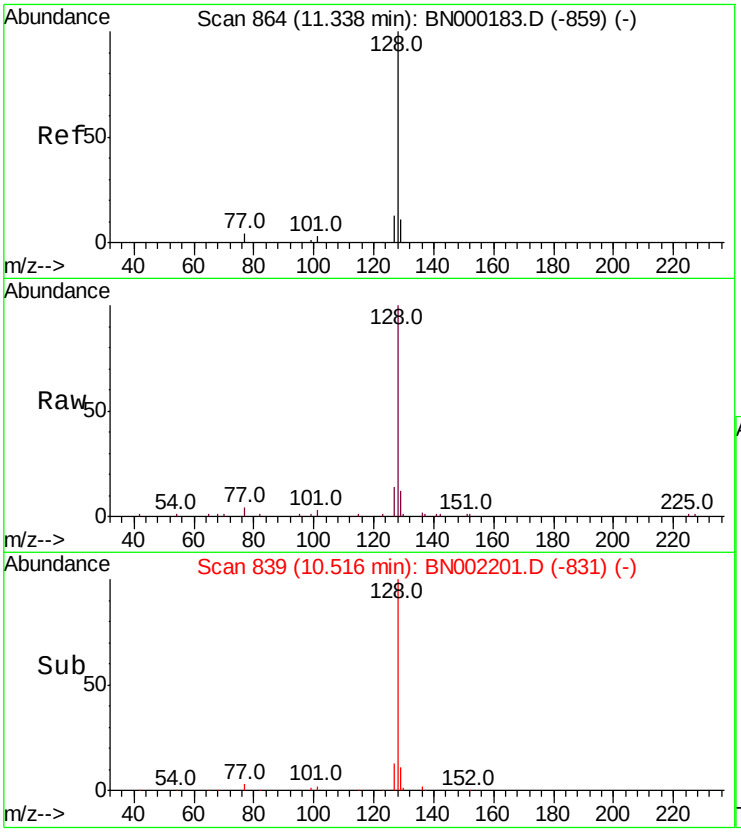


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion: 82 Resp: 4038

Ion	Ratio	Lower	Upper
82	100		
128	42.1	150.0	225.0#
54	55.4	154.2	231.4#



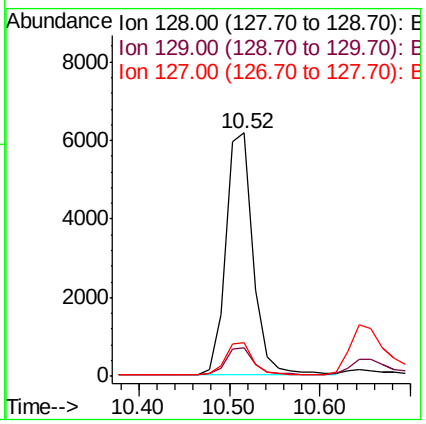


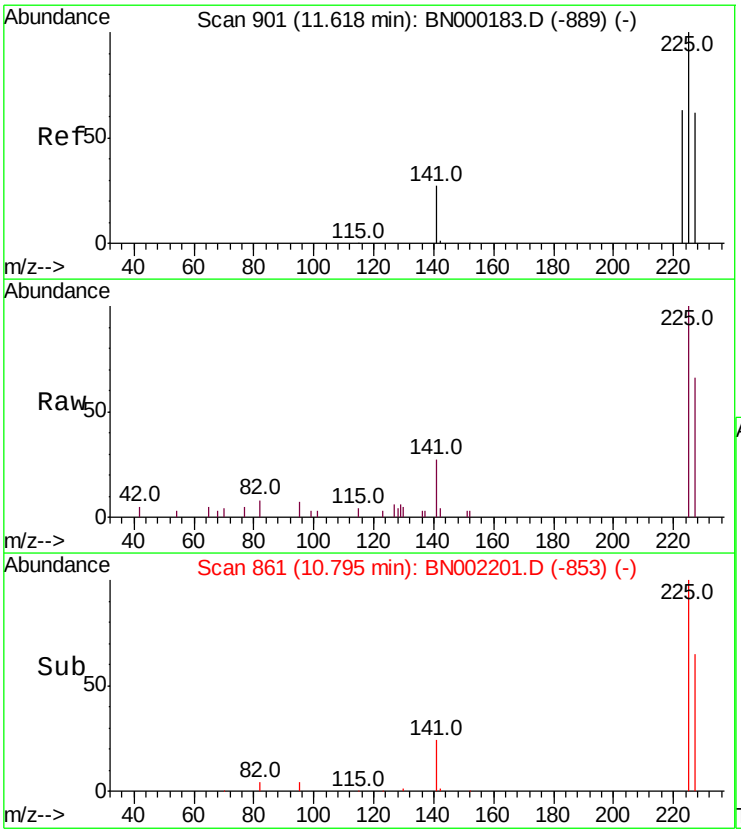
#9
Naphthalene
Concen: 0.396 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12654

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.0	12.0
127	13.7	9.6	14.4

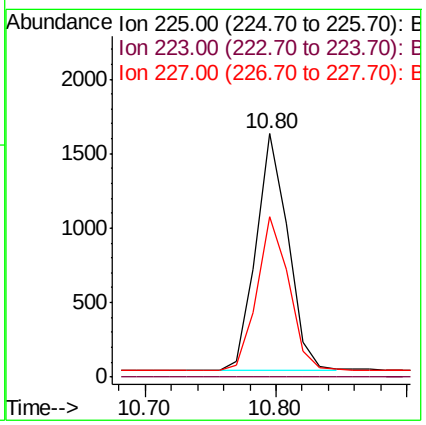


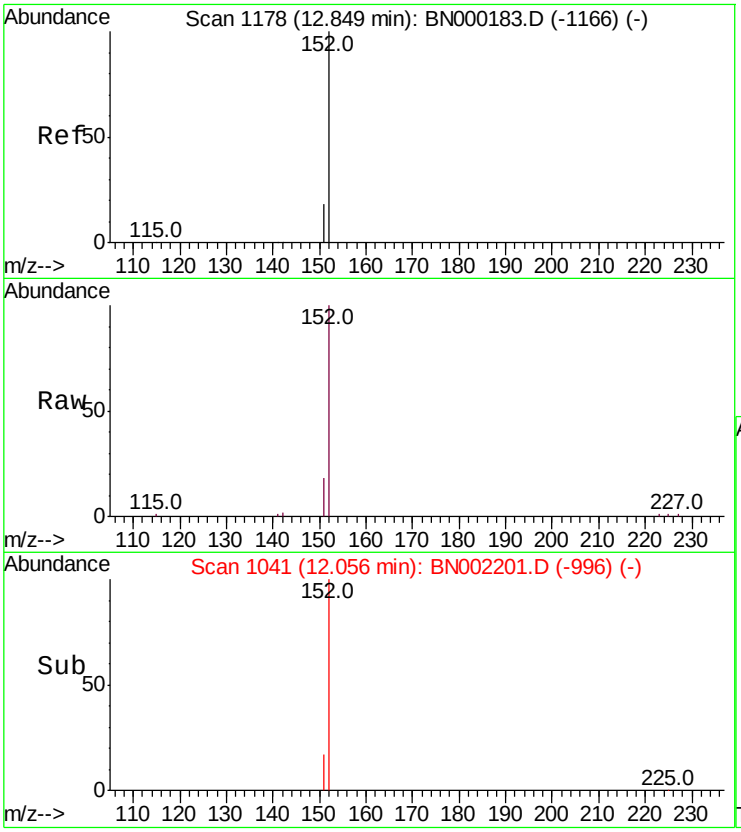


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:225 Resp: 2697

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.0	78.0#
227	64.6	48.0	72.0



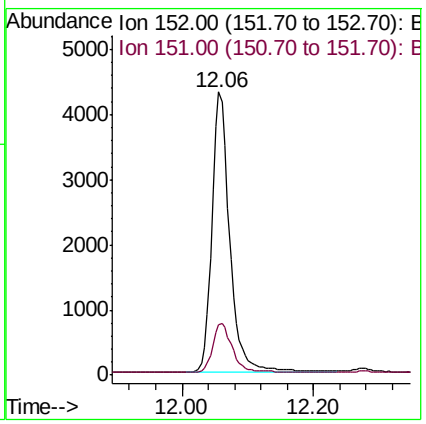


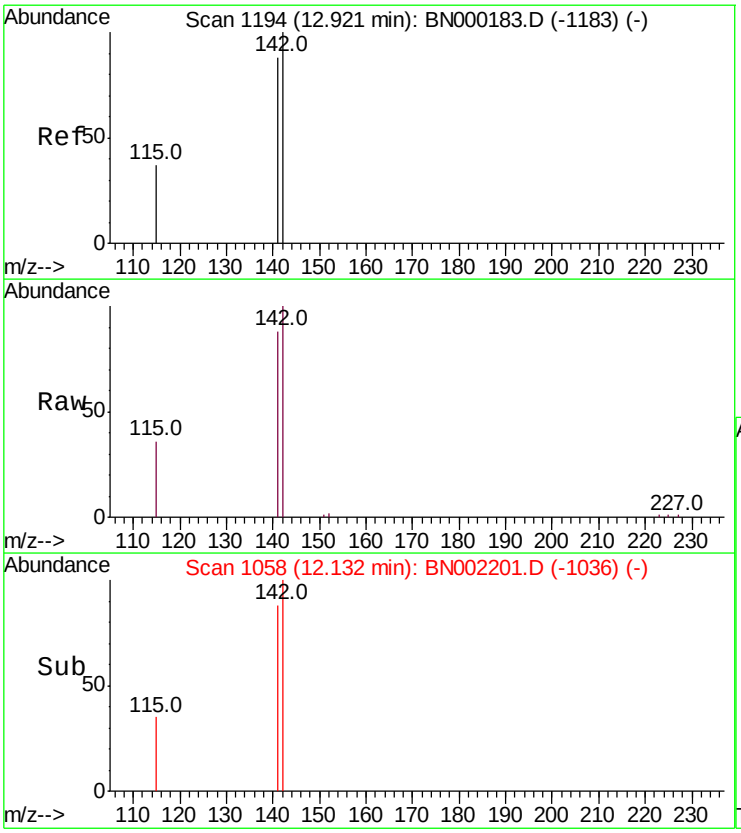
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8099

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

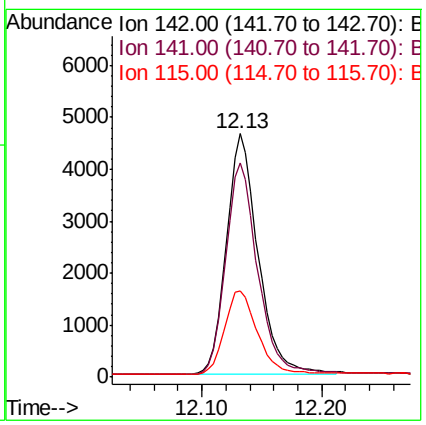


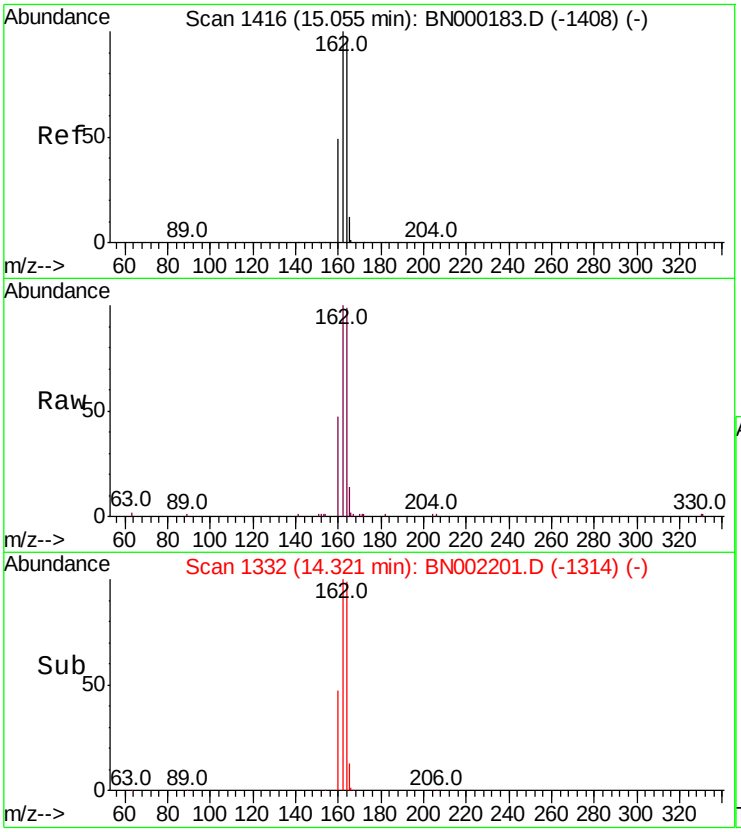


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.13 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:142 Resp: 8484

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	35.5	31.7	47.5



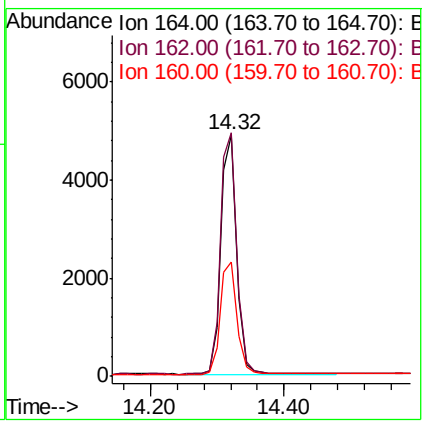


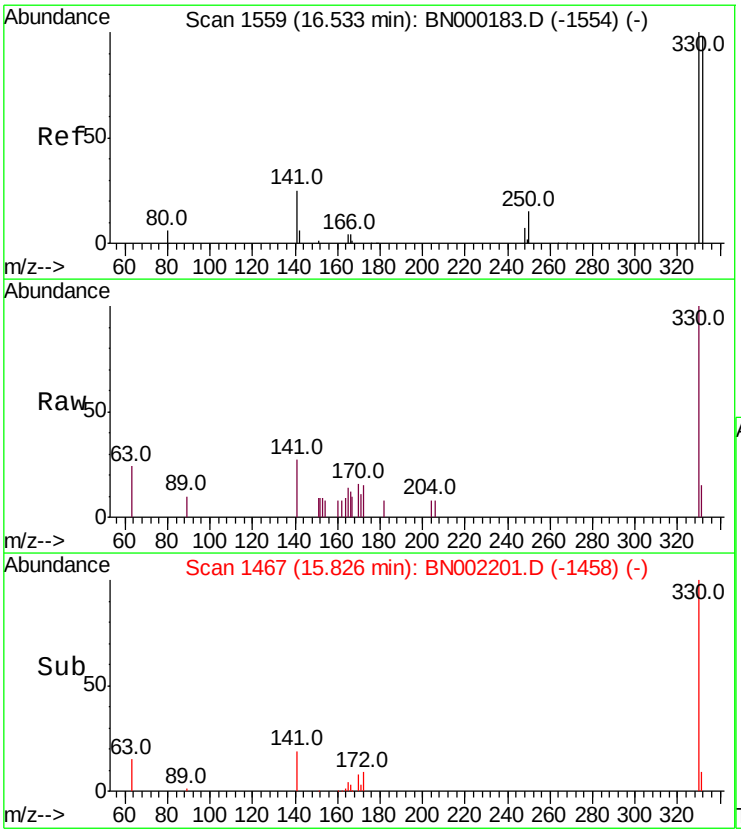
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8040

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.1	124.7
160	47.5	37.1	55.7

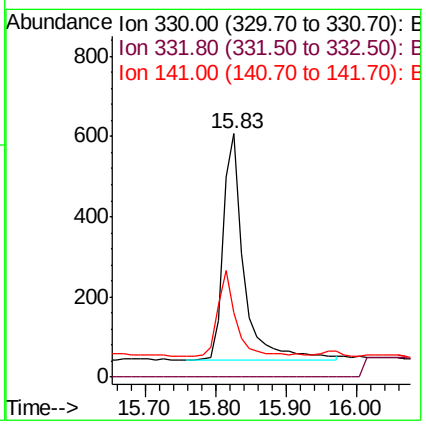


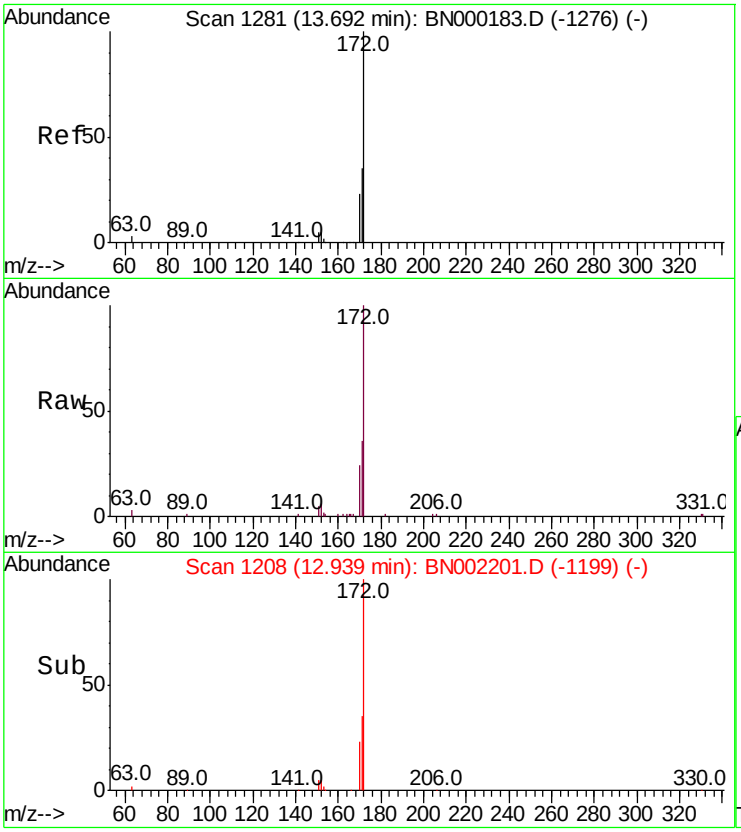


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:330 Resp: 1151

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	34.8	33.7	50.5



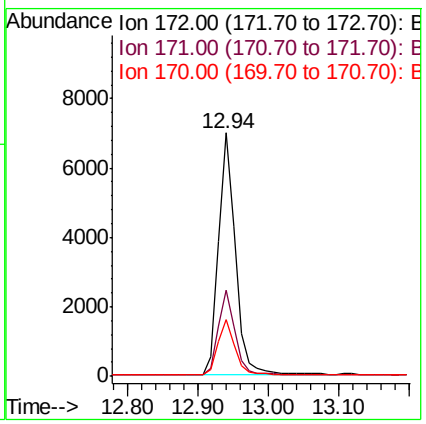


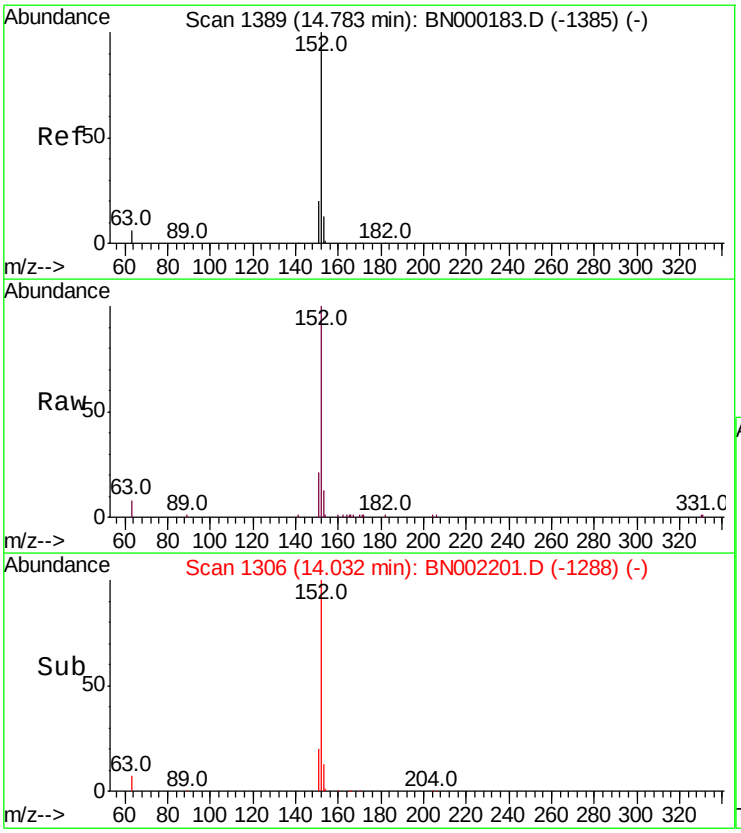
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11869

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	23.6	21.8	32.8

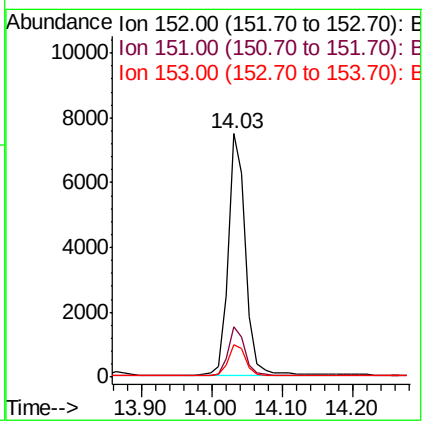


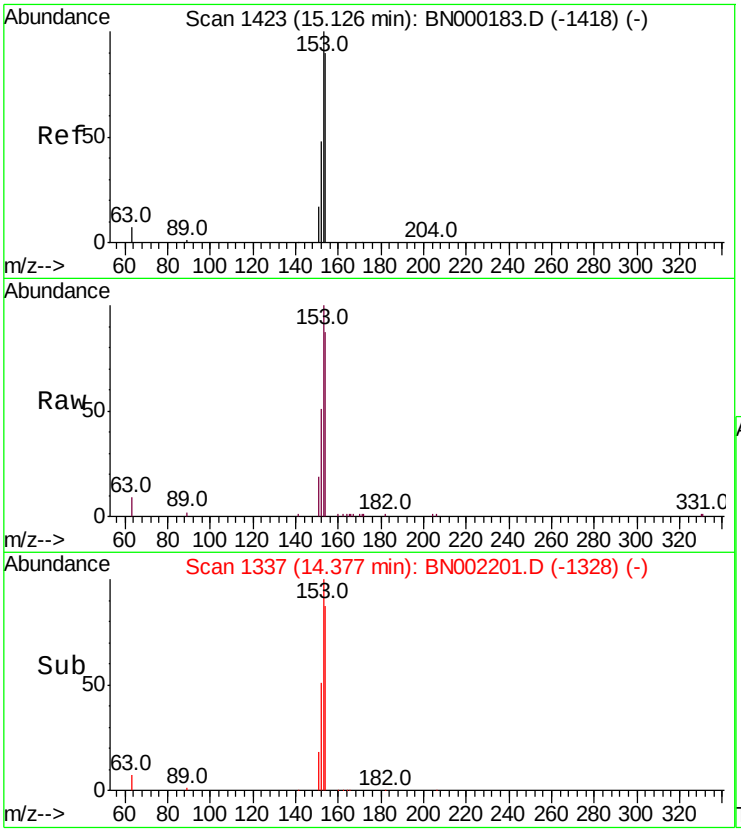


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:152 Resp: 12850

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



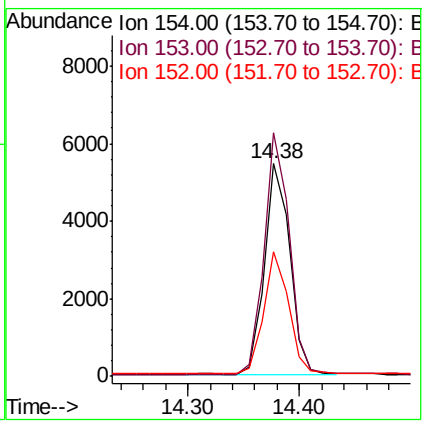


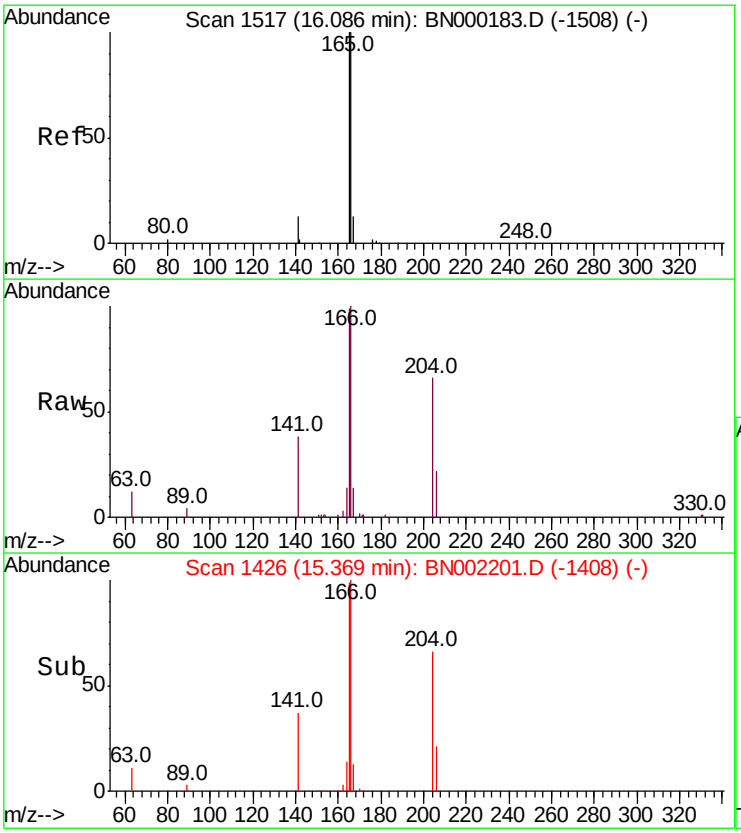
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.38 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8613

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.2	133.8
152	56.9	42.0	63.0

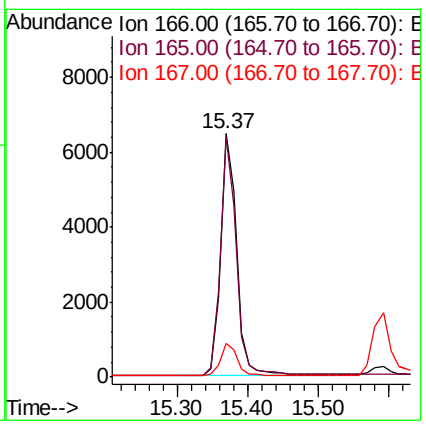


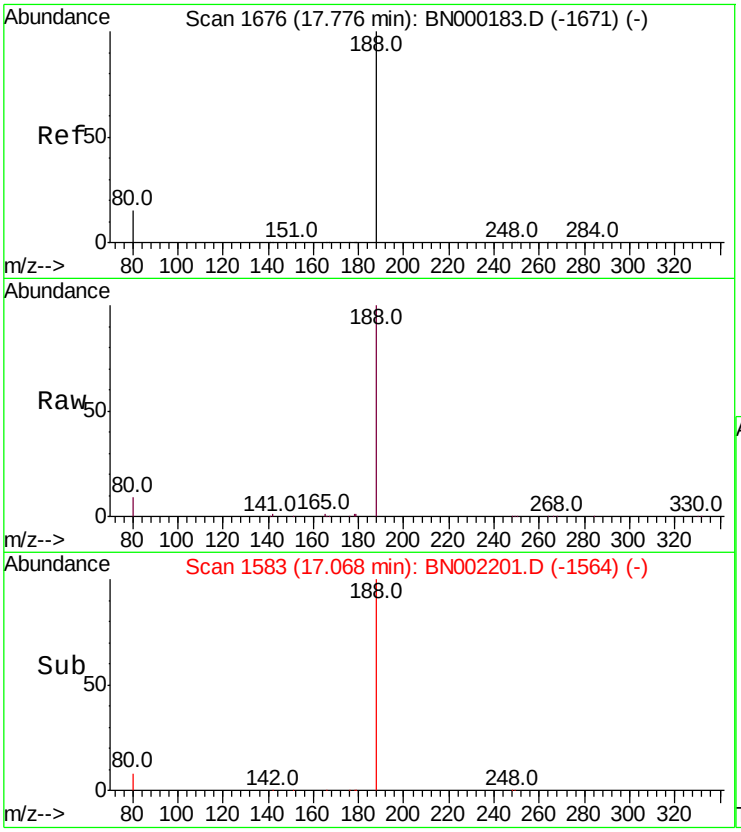


#18
Fluorene
Concen: 0.382 ng
RT: 15.37 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:166 Resp: 10370

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.6
167	13.6	42.4	63.6#



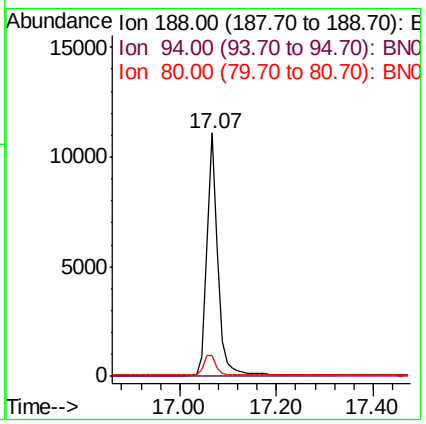


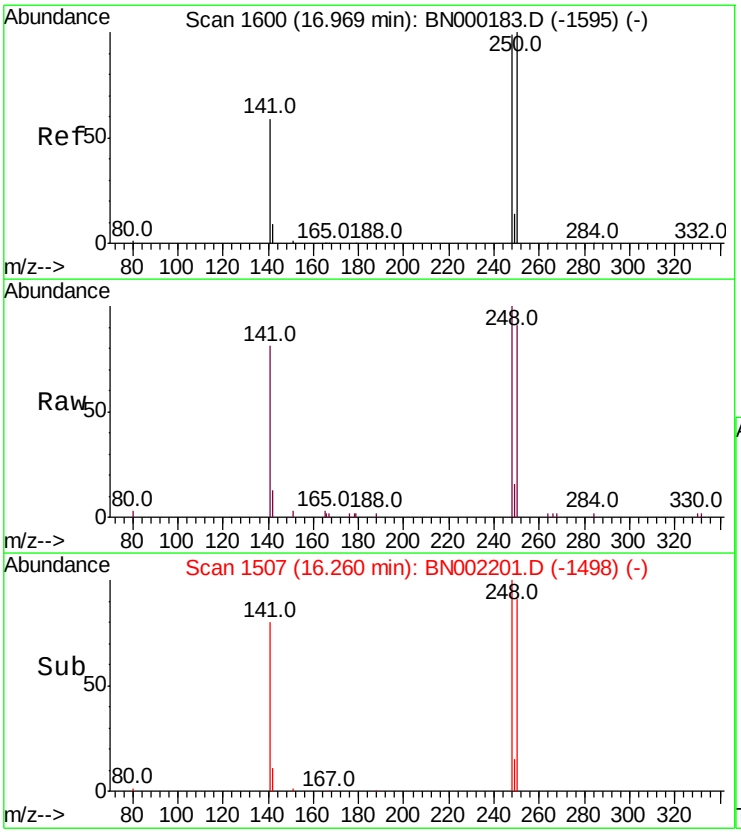
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17348

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

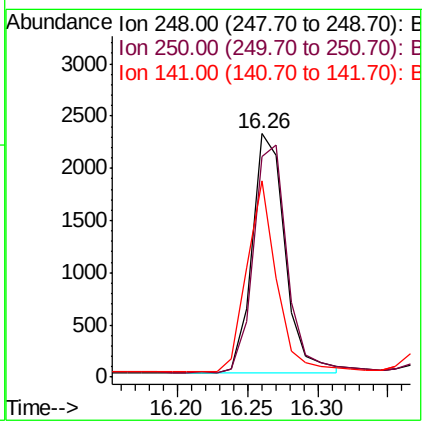


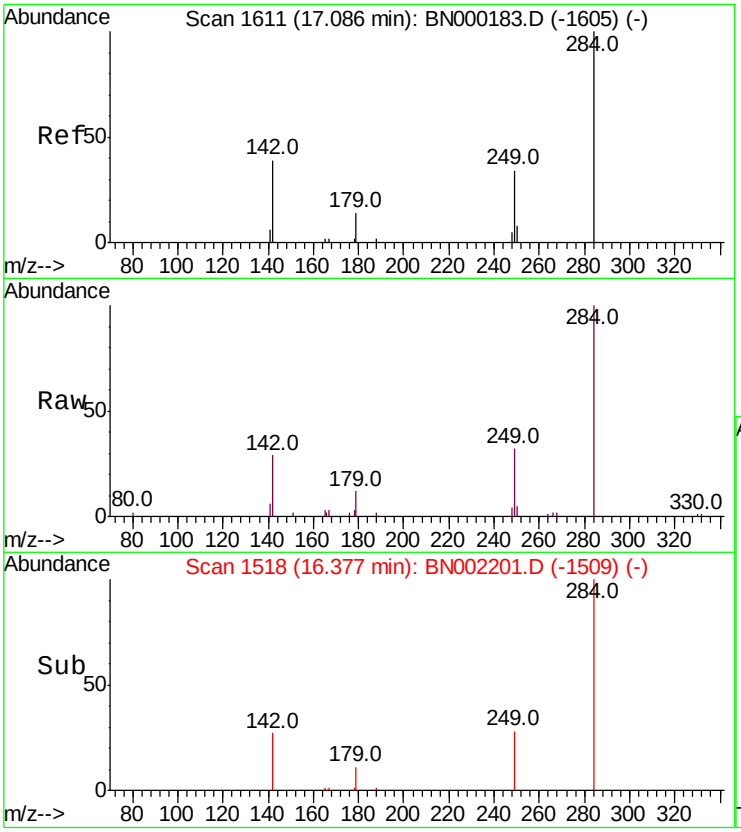


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.26 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:248 Resp: 3753

Ion	Ratio	Lower	Upper
248	100		
250	90.8	62.7	94.1
141	80.7	48.2	72.2#



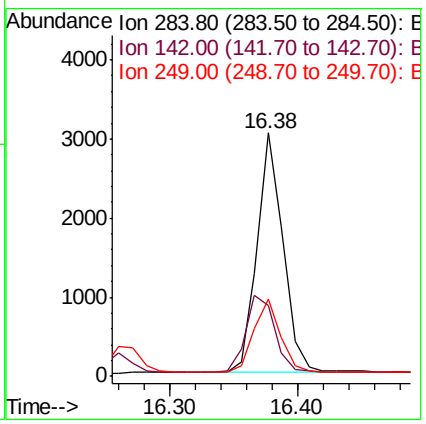


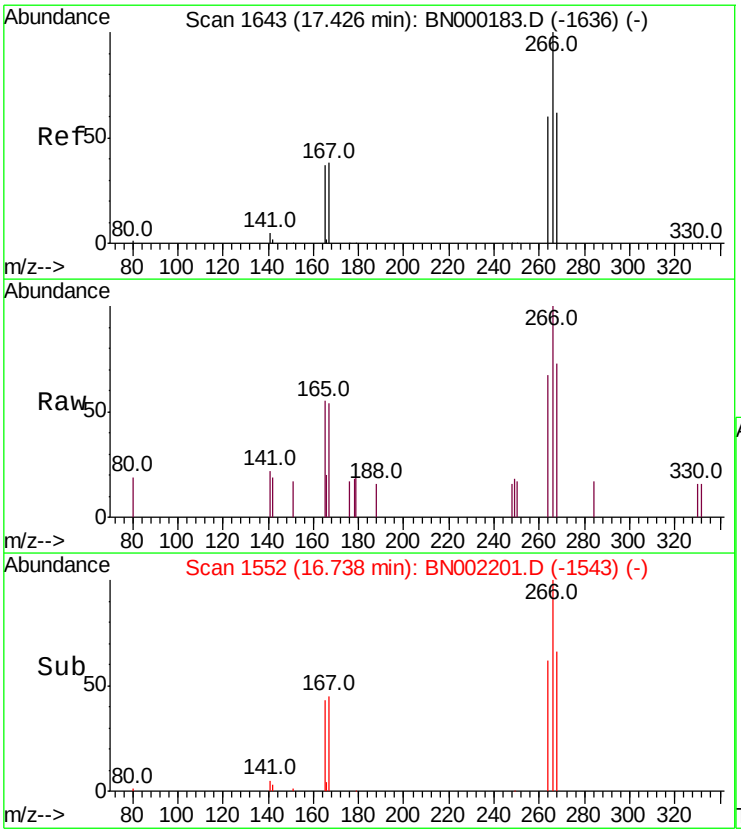
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4337

Ion	Ratio	Lower	Upper
284	100		
142	35.7	32.0	48.0
249	30.9	24.0	36.0

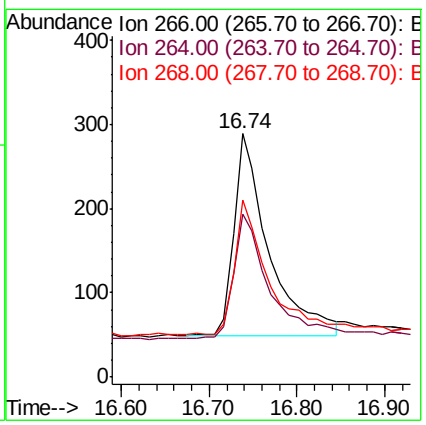


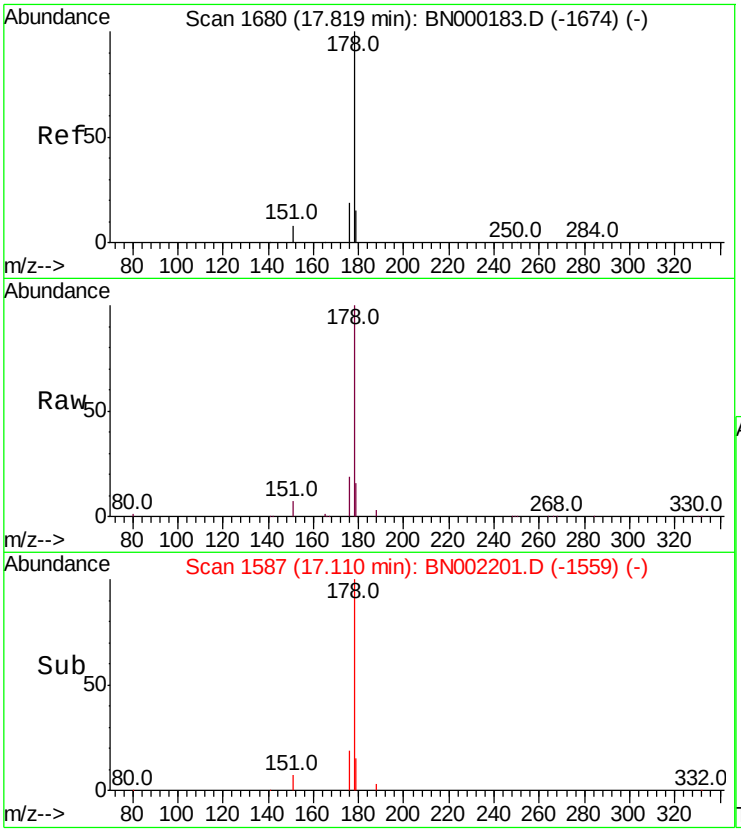


#22
Pentachlorophenol
Concen: 0.336 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:266 Resp: 659

Ion	Ratio	Lower	Upper
266	100		
264	67.1	48.0	72.0
268	72.7	52.0	78.0



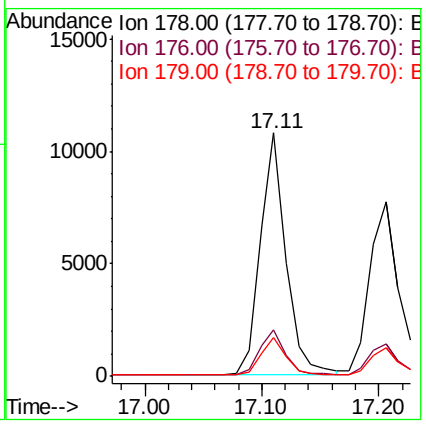


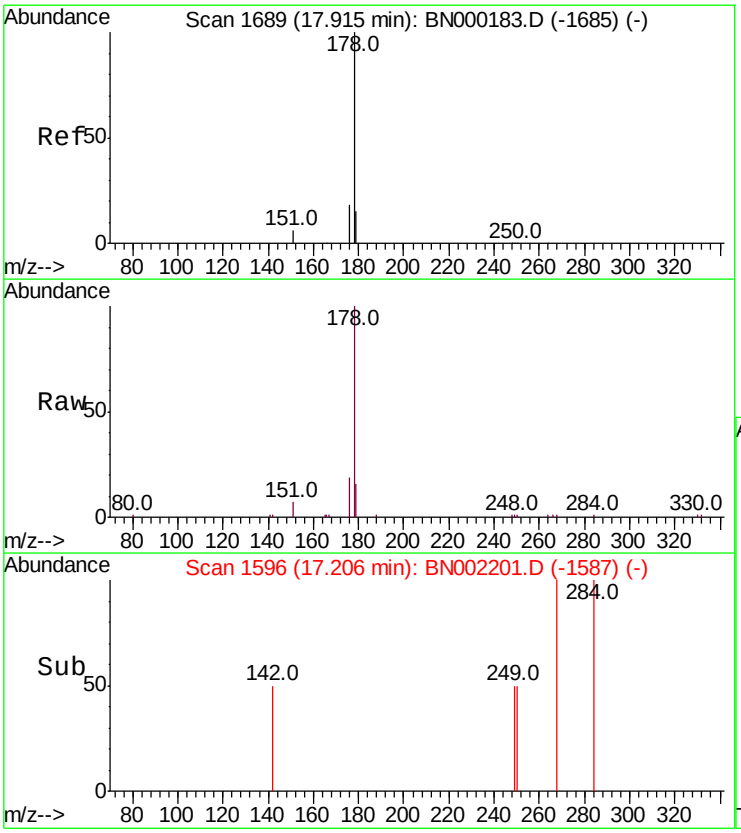
#23
Phenanthrene
Concen: 0.383 ng
RT: 17.11 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 16512

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.4	11.8	17.6

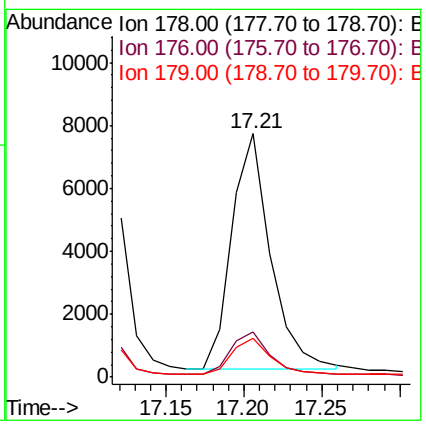


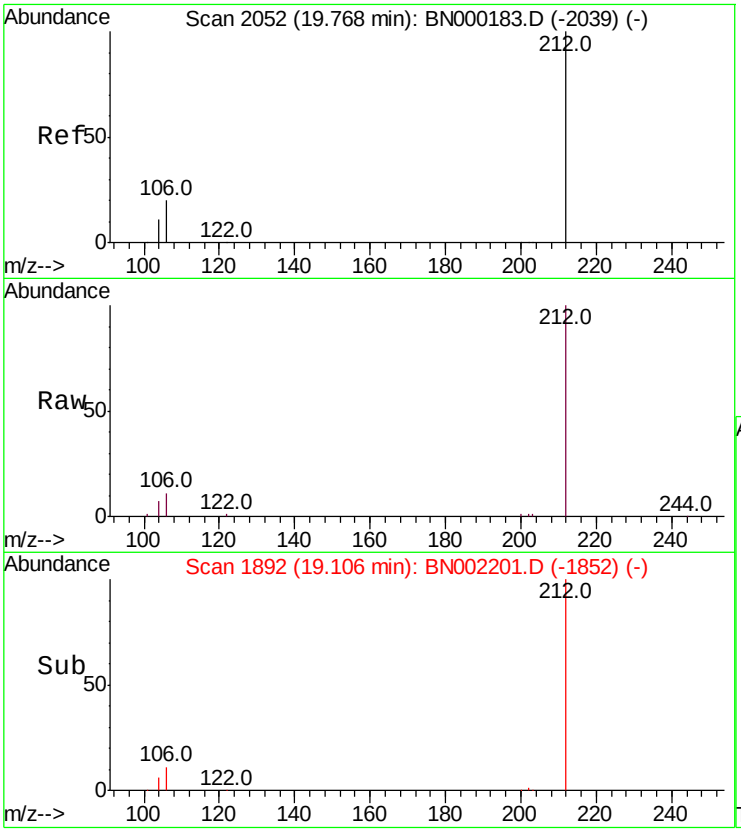


#24
Anthracene
Concen: 0.364 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:178 Resp: 12996

Ion	Ratio	Lower	Upper
178	100		
176	18.2	12.8	19.2
179	15.2	13.0	19.6



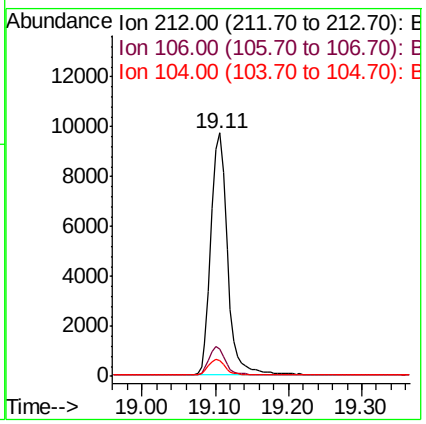


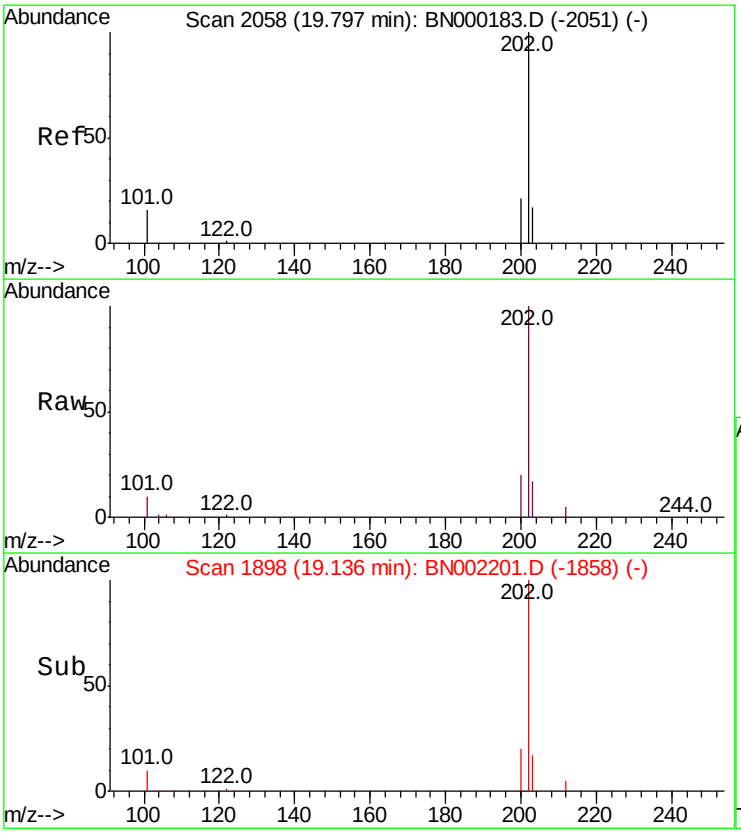
#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 15311

Ion	Ratio	Lower	Upper
212	100		
106	11.5	2.8	4.2#
104	6.5	1.6	2.4#

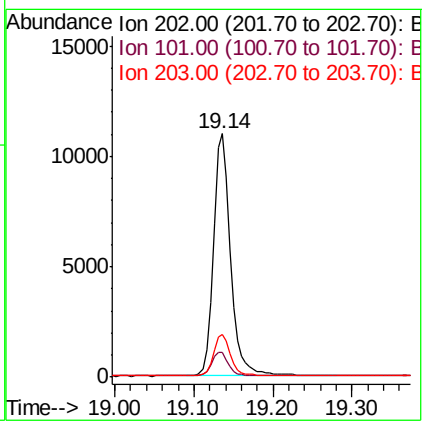


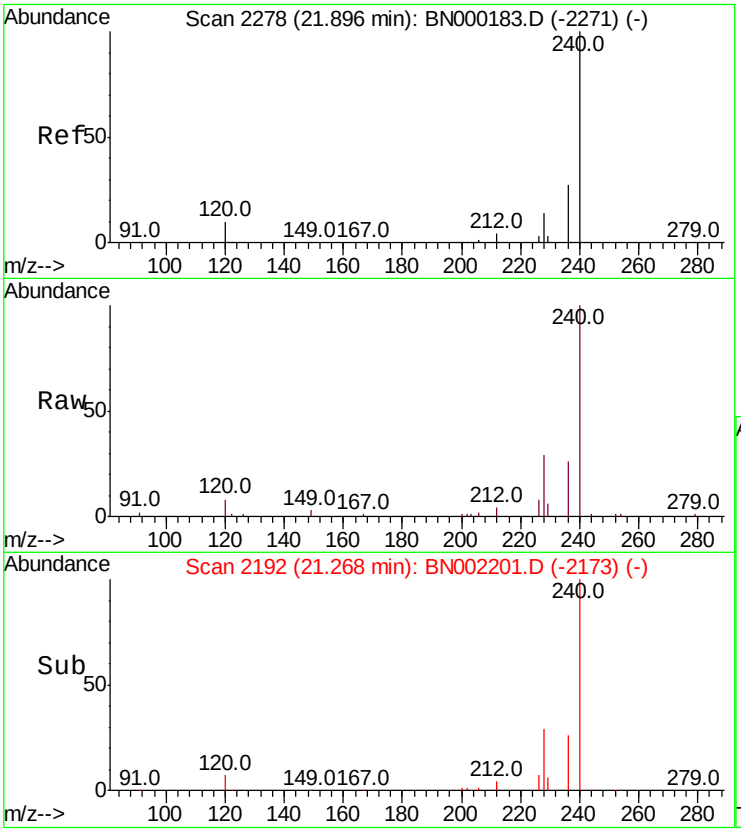


#26
Fluoranthene
Concen: 0.356 ng
RT: 19.14 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:202 Resp: 16715

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.8
203	17.0	13.7	20.5



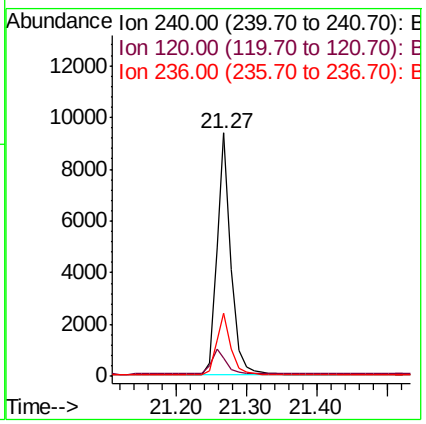


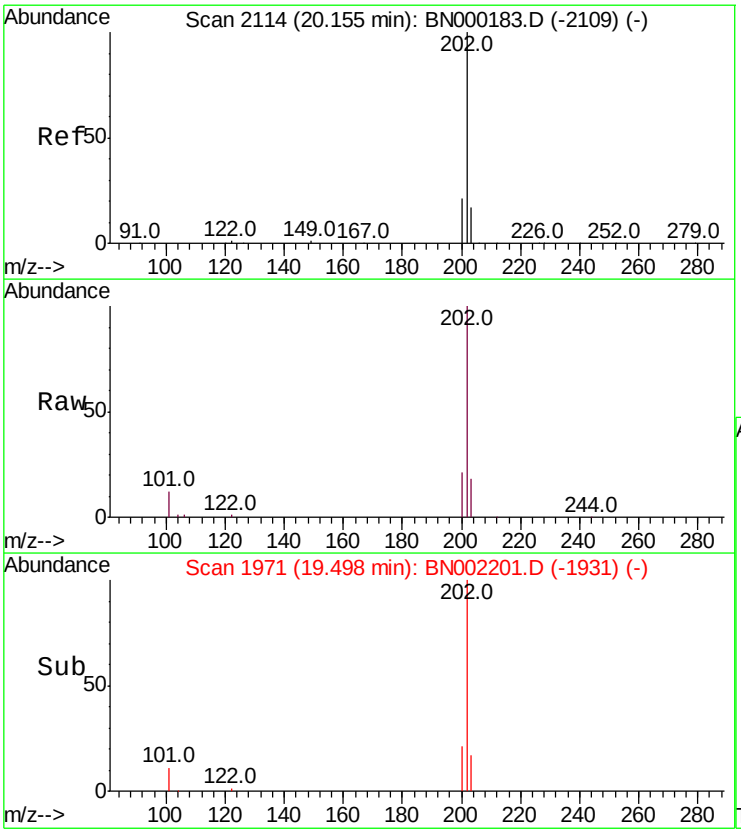
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 13193

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.5	8.3
236	26.1	20.7	31.1

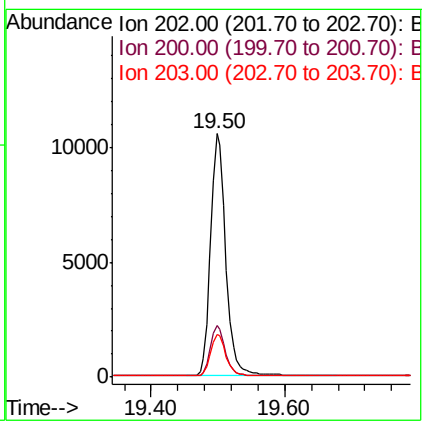


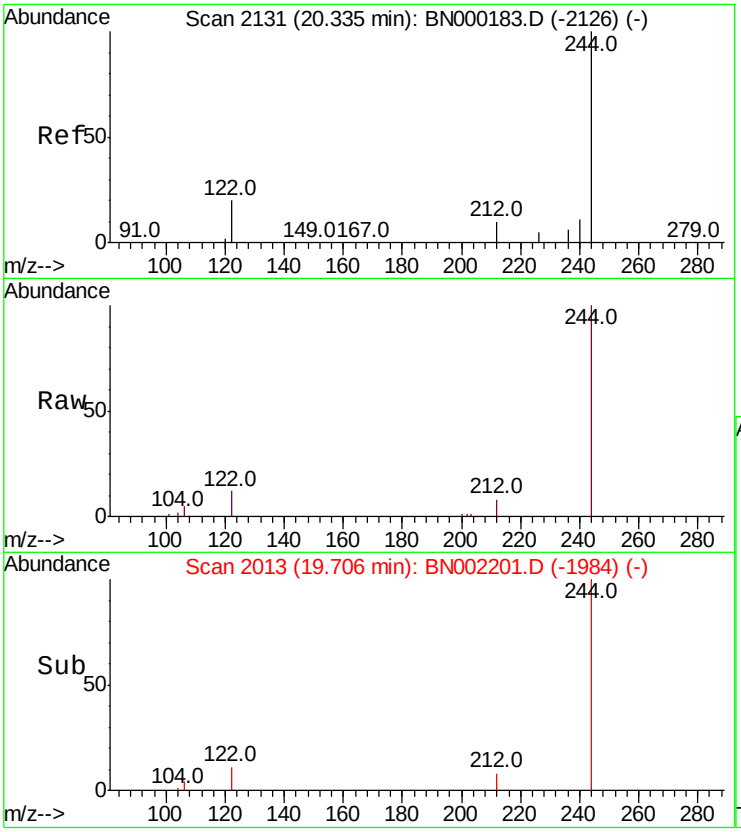


#28
Pyrene
Concen: 0.428 ng
RT: 19.50 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:202 Resp: 16683

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.4	13.8	20.8



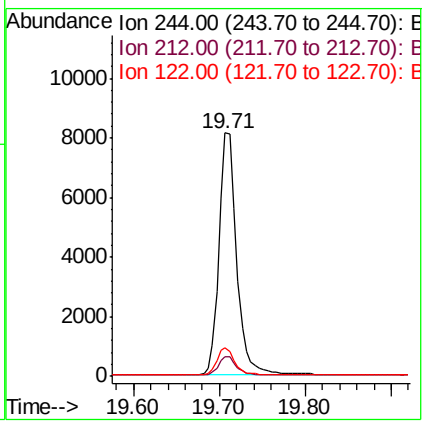


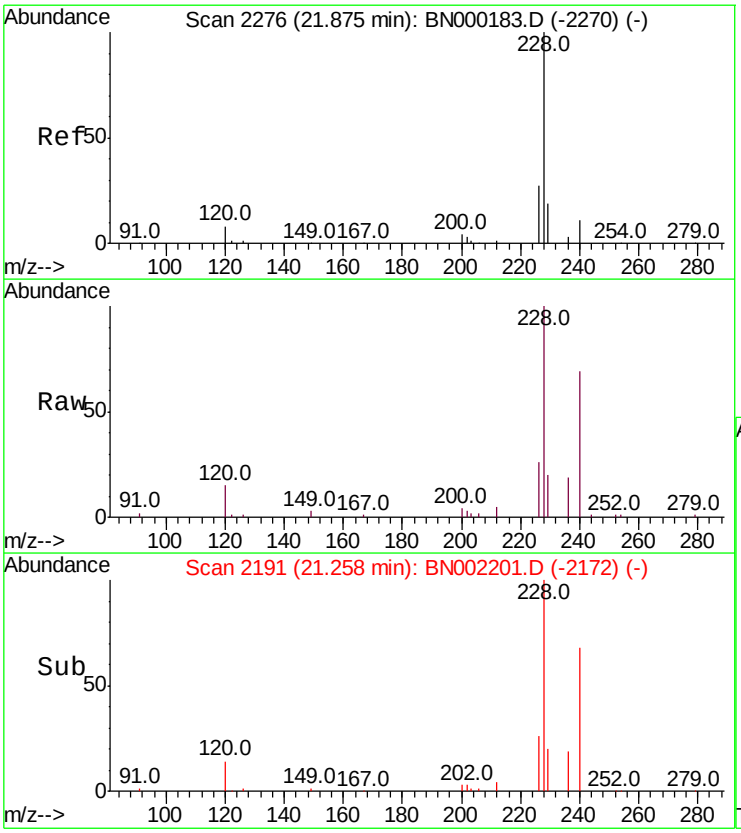
#29
Terphenyl-d14
Concen: 0.416 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 11716

Ion	Ratio	Lower	Upper
244	100		
212	8.2	25.4	38.0#
122	11.9	8.1	12.1

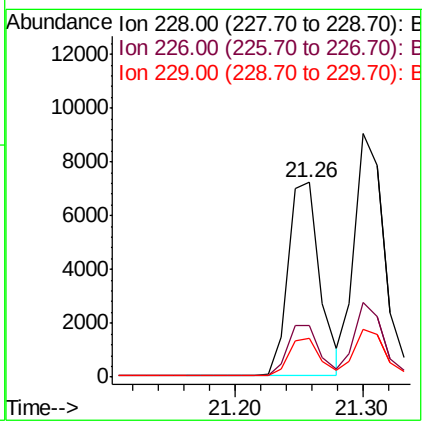


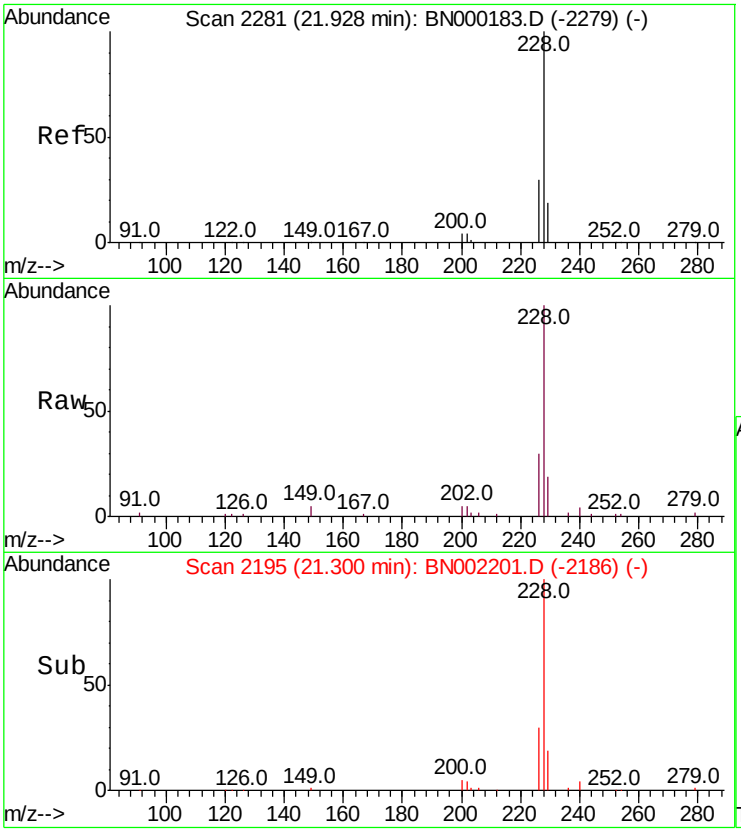


#30
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:228 Resp: 12339

Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.0	36.0
229	20.2	16.0	24.0



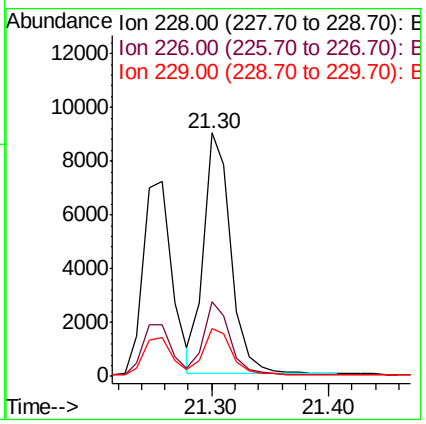


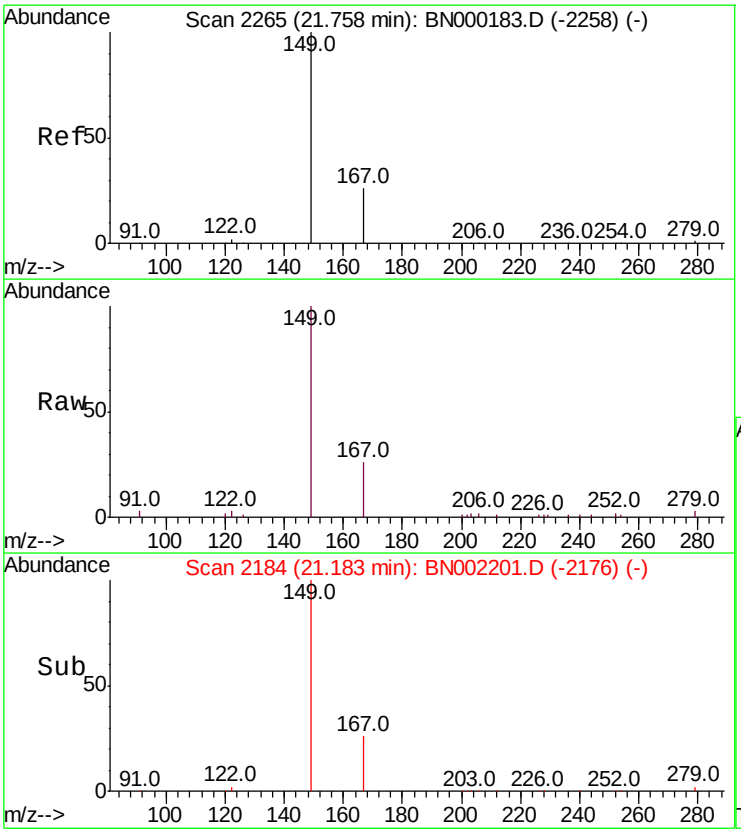
#31
Chrysene
Concen: 0.391 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 14508

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.4	16.0	24.0

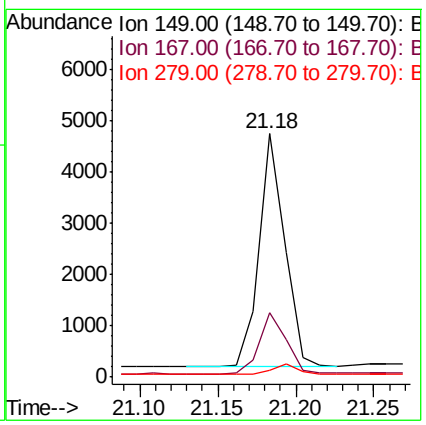


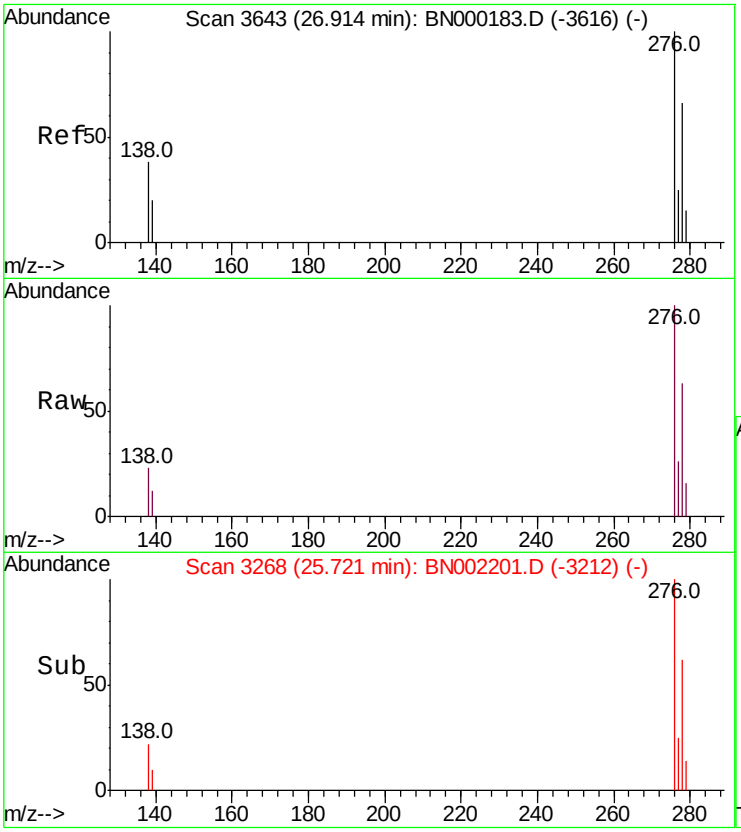


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:149 Resp: 5198

Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.0	30.0
279	4.7	1.6	2.4#



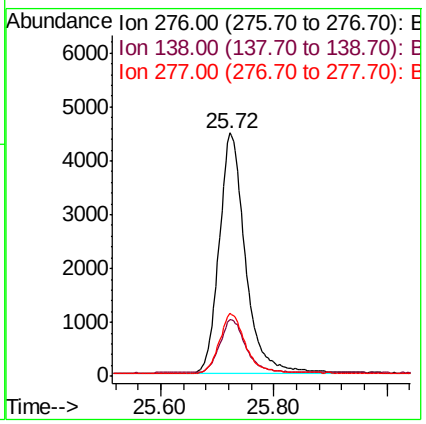


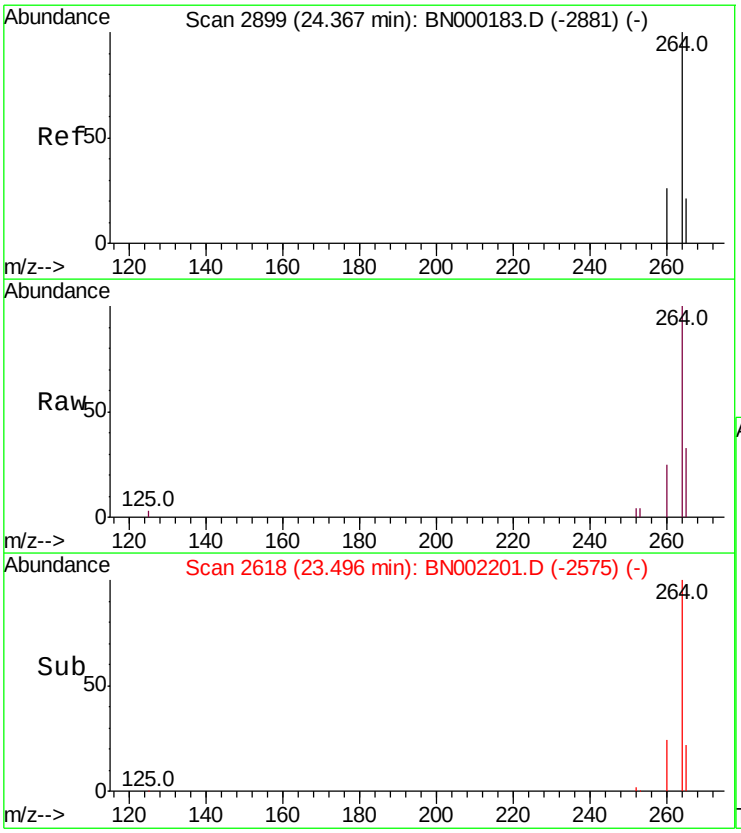
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 25.72 min Scan# 3268
Delta R.T. -0.01 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14354

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.5	33.7#
277	25.0	19.9	29.9

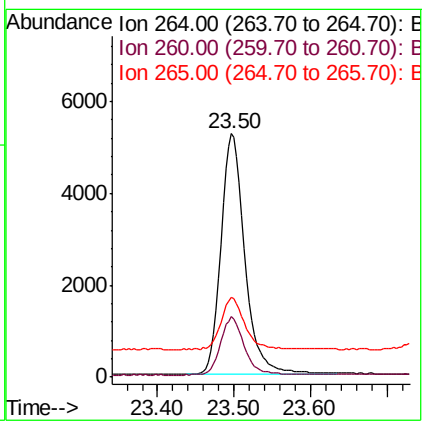


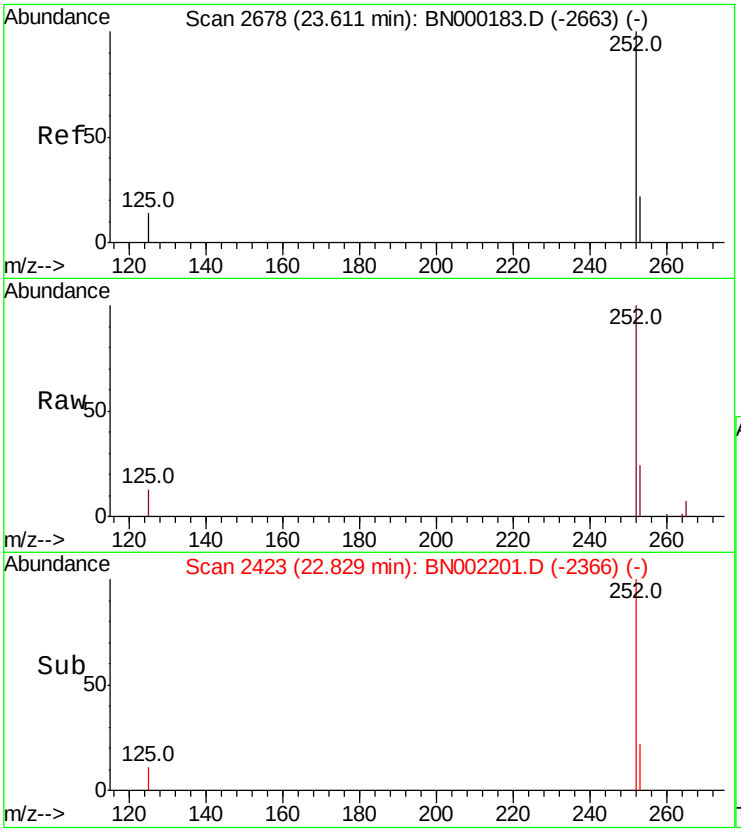


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:264 Resp: 11618

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	32.7	22.8	34.2



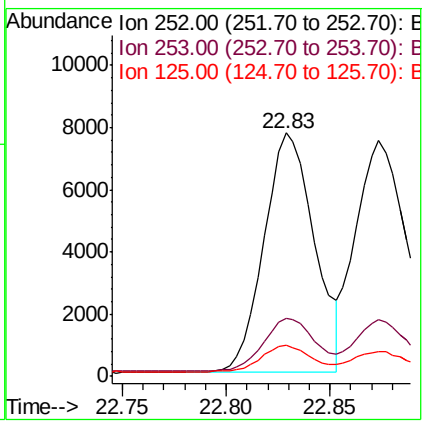


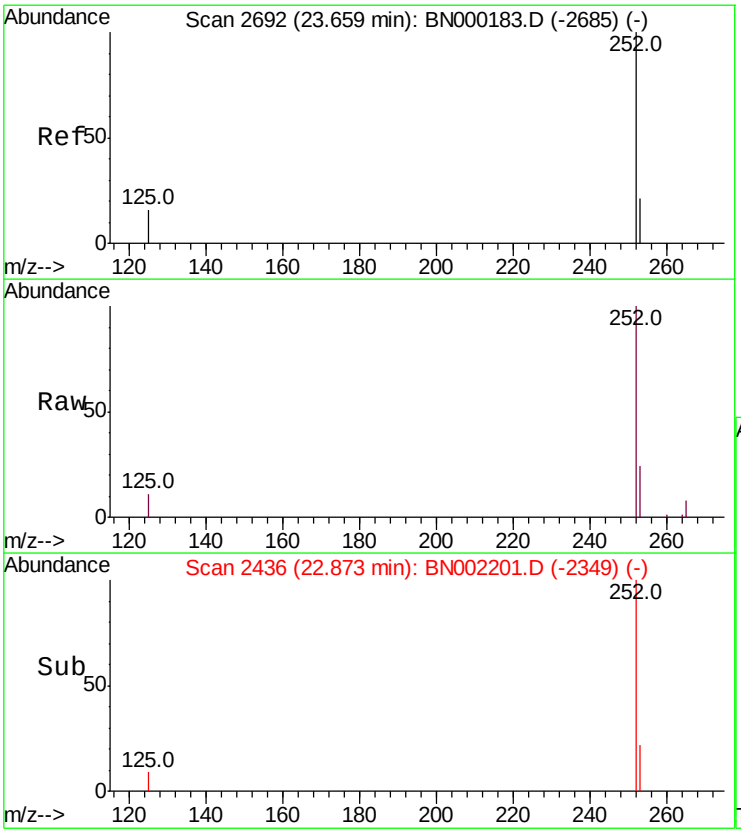
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13040

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.0	30.0
125	12.6	16.0	24.0#

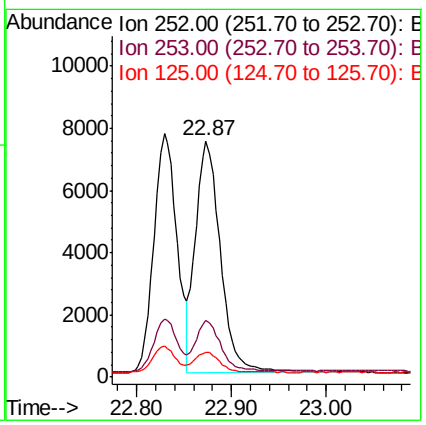


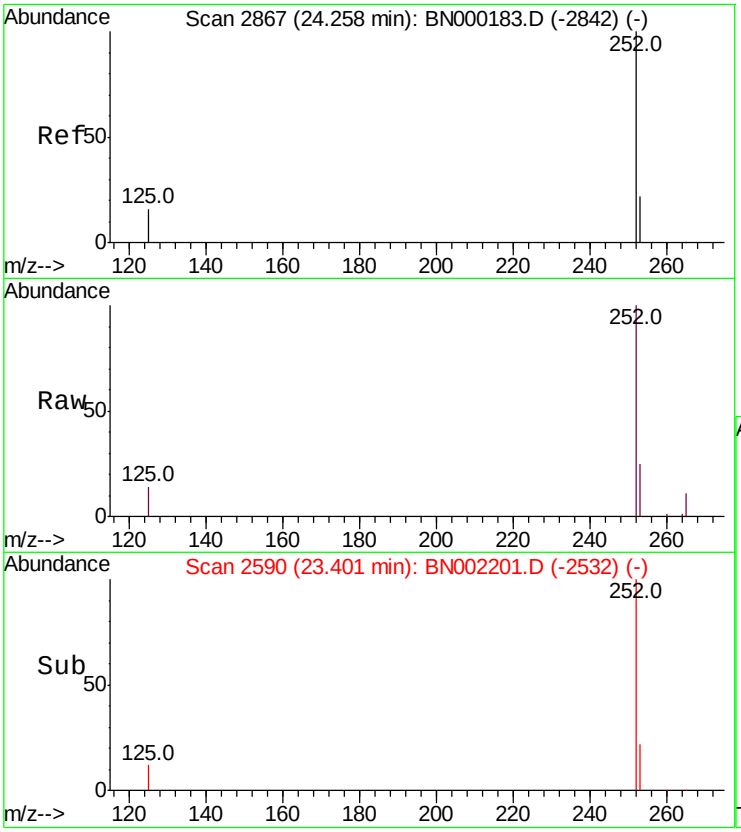


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:252 Resp: 13544

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	10.5	8.0	12.0



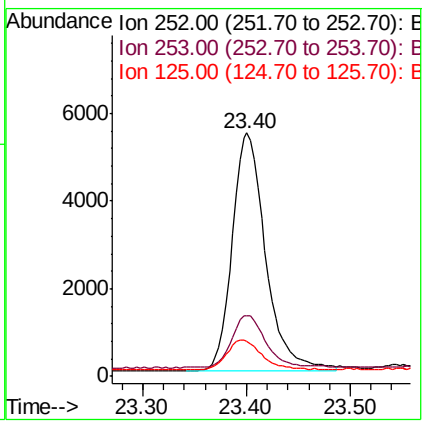


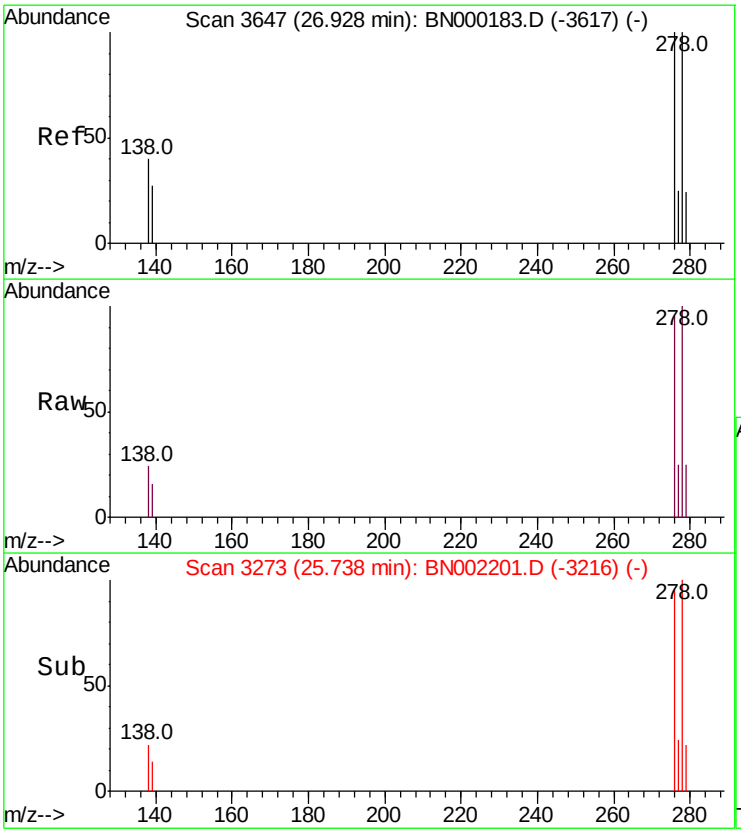
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12155

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.0	24.0#
125	14.4	12.0	18.0

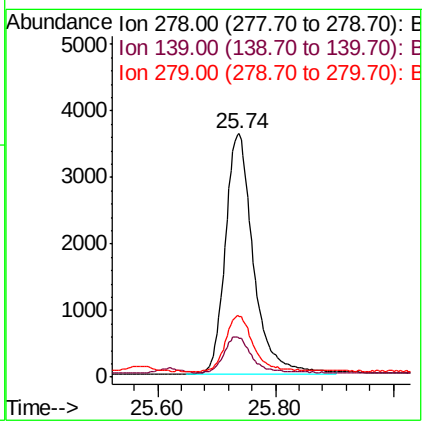


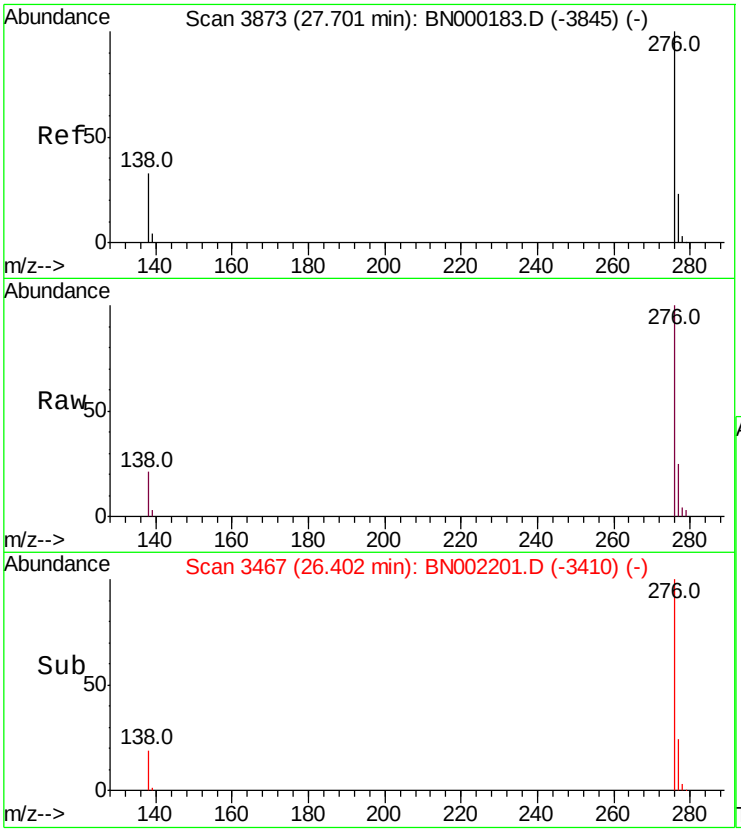


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Tgt Ion:278 Resp: 11871

Ion	Ratio	Lower	Upper
278	100		
139	16.1	16.0	24.0
279	25.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 26.40 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BN002201.D
Acq: 31 Jul 2018 08:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12181

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	20.6	20.0	30.0